CURRIES

ASSA ABLOY

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Updated 8/12/26

TECH MANUAL

HOLLOW METAL DOORS AND FRAMES

CUR-202-0524

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Introduction

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TECH MANUAL

INTRODUCTION

CURRIES HAS ASSEMBLED THIS PRODUCT MANUAL WITH THE INTENT OF ANSWERING AS MANY OF YOUR QUESTIONS AS POSSIBLE ON THESE PAGES. GRAPHIC DEPICTIONS OF ACTUAL PRODUCTS ARE PRESENTED. THERE ARE FIVE SECTIONS IN THIS MANUAL TO SEGREGATE AND SIMPLIFY THE PROCESS OF FINDING YOUR ANSWERS. THE FIVE SECTIONS ARE DESCRIBED BELOW.

CURRIES RESERVES THE RIGHT TO ALTER PRODUCT DESIGNS TO IMPROVE THE QUALITY OF THE PRODUCT. SPECIFIC DETAILS CONTAINED HEREIN ARE CURRENT AS OF THE PRINTING OF THIS MANUAL AND MAY BE CHANGED AT ANY TIME TO ENHANCE THE PRODUCT AND/OR ITS MARKETABILITY.

CURRIES QUALITY SYSTEM HAS BEEN ISO 9001 CERTIFIED BY BVQI, AN INDEPENDENT REGISTRAR. AS SUCH, OUR PROCESSES FROM THE DESIGN OF PRODUCTS AND THE RECEIPT OF ORDERS THROUGH THE SHIPPING OF OUR DOORS AND FRAMES HAVE BEEN DEFINED AND ARE OPERATED IN COMPLIANCE WITH THE ISO 9001 STANDARD. WE BELIEVE ISO 9001 CERTIFICATION HELPS TO ENSURE YOU RECEIVE THE RIGHT PRODUCT AT THE RIGHT PLACE AT THE RIGHT TIME.

PRODUCTS ARE WARRANTED AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR. A COMPLETE DETAILED WARRANTY MAY BE OBTAINED BY CONTACTING THE FACTORY.

GENERAL INFORMATION

THIS SECTION CONTAINS A COPY OF THE CURRENT PRODUCT BROCHURE BRIEFLY DESCRIBING THE MAJORITY OF THE CURRIES STEEL DOORS AND FRAMES. WE HAVE ALSO INCLUDED IN THIS SECTION VARIOUS AMERICAN NATIONAL STANDARDS INSTITUTE/STEEL DOOR INSTITUTE TEST PROCEDURES AND ACCEPTANCE CRITERIA FOR STEEL DOORS AND FRAMES. A COPY OF CURRIES STEEL DOORS AND FRAME CONSTRUCTION SPECIFICATIONS INSTITUTE SPECIFICATION SAMPLE IS ALSO INCLUDED. A SET OF METRIC CONVERSION TABLES COMPLETE THIS SECTION.

LABEL DOORS AND FRAMES

THIS SECTION INCLUDES DOOR AND FRAME INFORMATION REGARDING THE PRODUCTS CURRIES MANUFACTURES AND HAS OBTAINED FIRE RESISTANT LISTINGS ON. A COPY OF SDI BASIC FIRE DOOR REQUIREMENTS IS INCLUDED FOR REFERENCE IN THIS SECTION. THE TWO MOST WIDELY RECOGNIZED AGENCIES, UNDERWRITERS LABORATORIES AND WARNOCK HERSEY-INTERTEK TESTING SERVICES, HAVE GRANTED AUTHORITIES FOR PRODUCTS LISTED IN THIS SECTION. THESE LISTINGS INCLUDE BOTH THE UL10B NEUTRAL PRESSURE AND UL10C POSITIVE PRESSURE TEST METHODS EXCEPT AS NOTED OTHERWISE. WE HAVE ALSO DETAILED IN THIS SECTION A UL LISTED BULLET RESISTANT ASSEMBLY. NOTE THE FRAME AND DOOR TECHNICAL DATA SECTIONS WHICH FOLLOW WILL HAVE EACH PAGE NOTED Ⓛ IN A CIRCLE IF IT IS PART OF A FIRE LISTED ASSEMBLY OR Ⓛ WITH THE X SYMBOL IF THE PRODUCT OR PREPARATION DOES NOT COMPLY. IN RARE INSTANCES A LISTED PRODUCT ON THESE PAGES MAY OR MAY NOT BE LABELED BASED ON THE TOTAL ASSEMBLY USAGE. WHEN IN DOUBT PLEASE CONTACT THE FACTORY.

FRAME TECHNICAL DATA

FRAME DETAILS INCLUDE THE WIDE VARIETY OF KNOCKED DOWN (KD) PROFILES AVAILABLE AS WELL AS THE CUSTOM CAPABILITIES CURRIES HAS MAINTAINED THROUGHOUT ITS HISTORY. THE KD M AND C SERIES PROFILES DOMINATE THE MARKET REQUIREMENTS AND CURRIES HAS A LARGER VARIETY OF THESE PRODUCTS AVAILABLE THAN ANY OTHER MANUFACTURER. HARDWARE PREPARATIONS MORTISED OR REINFORCED FOR SURFACE APPLICATION CAN BE FOUND IN DETAIL. STANDARD PUBLISHED LOCATIONS FOR PREPARATIONS ARE INCLUDED.

DOOR TECHNICAL DATA

CURRIES' VARIETY OF STANDARD AND CUSTOM DOORS FEATURE FULL PERIMETER CHANNEL CONSTRUCTION ENHANCING THE DURABILITY OF THE PRODUCTS AS PROVEN BY EXTENSIVE TESTING. DETAILS OF EACH DOOR SERIES CONSTRUCTION ARE INCLUDED ALONG WITH THE STANDARD COMPLIANT HARDWARE MORTISE AND REINFORCED PREPARATIONS AVAILABLE. STANDARD PUBLISHED LOCATIONS FOR PREPARATIONS ARE INCLUDED.

EMBOSSED PANEL DOORS

THIS "COLONIAL STYLE" DOOR STEEL PATTERN IS USED WITH OUR 707 DOOR SERIES UTILIZING A POLYSTYRENE CORE. GAUGE, STEEL TYPE, AND SIZE OPTIONS ARE DETAILED IN THE SECTION FOR COORDINATION OF HARDWARE APPLICATIONS. SOME HARDWARE APPLICATIONS ARE RESTRICTED DUE TO THE NATURE OF THE EMBOSSMENTS AND THEIR LOCATIONS ON THE FACE OF THE DOOR.

CURRIES DIVISION OF AADG, INC.

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SDI TECHNICAL DOCUMENTS

SDI TECHNICAL DOCUMENTS
THE FOLLOWING IS A LIST OF THE CURRENT TECHNICAL DOCUMENTS AVAILABLE FROM THE STEEL DOOR INSTITUTE. ALL OF THESE DOCUMENTS ARE CONTAINED IN THE SDI FACT FILE, AND ARE FOR THE FIRST TIME AVAILABLE TO DOWNLOAD FOR FREE. THE LISTED PRICES ARE FOR ORDERING HARD COPIES, AVAILABLE INDIVIDUALLY IN ANY QUANTITY.

TO DOWNLOAD ANY OF THESE DOCUMENTS FOR FREE GO TO SDI'S WEBSITE AT: WWW.STEELDOOR.ORG/HTML/TECH.HTML

WHAT IS THE SDI?
A 4-PAGE BROCHURE DISCUSSING THE INSTITUTE, ITS ORGANIZATION, STRUCTURE AND ITS ACTIVITIES.

SDI THE STANDARD STEEL DOOR AND FRAME STORY
THIS DOCUMENT PROVIDES AN OVERVIEW OF THE PRODUCTS OF THE INDUSTRY AND GENERAL INFORMATION CONCERNING STANDARD STEEL DOORS AND FRAMES.

SDI-108-10 RECOMMENDED SELECTION AND USAGE GUIDE FOR STANDARD STEEL DOORS
THIS DOCUMENT WAS DEVELOPED TO ESTABLISH GUIDE CRITERIA FOR THE SELECTION AND USAGE OF 1-3/4" AND 1-3/8" STANDARD STEEL DOORS IN SUCH BUILDING TYPES AS APARTMENT, DORMITORY, HOTEL/MOTEL, HOSPITAL/NURSING HOME, INDUSTRIAL, OFFICE AND SCHOOL.

SDI-110-09 STANDARD STEEL DOORS AND FRAMES FOR MODULAR MASONRY CONSTRUCTION
THIS DOCUMENT CONTAINS INFORMATION IN RESPECT TO, AS THE TITLE INDICATES, THE INSTALLATION OF STANDARD STEEL DOORS AND FRAMES IN MODULAR MASONRY CONSTRUCTION. THE BASIC MODULE COVERED IN THE DOCUMENT AS DEVELOPED BY THE INDUSTRY IS 4".

SDI-111-09 (SERIES) RECOMMENDED SELECTION & USAGE GUIDE FOR STANDARD STEEL DOORS, FRAMES AND ACCESSORIES

111-A RECOMMENDED STANDARD STEEL DOOR DETAILS
COVERS RECOMMENDED STEEL DOOR FRAME DETAILS AS THEY ARE AFFECTED BY COMMON WALL CONDITIONS.

111-B RECOMMENDED STANDARD DETAILS FOR DUTCH DOORS

111-C RECOMMENDED LOUVER DETAILS FOR STANDARD STEEL DOORS
THIS DOCUMENT DISCUSSES, EXPLAINS AND DETAILS A VARIETY OF LOUVER DESIGNS AND SIZE AVAILABLE FOR STANDARD STEEL DOORS

111-D RECOMMENDED DOOR, FRAME AND HARDWARE SCHEDULE FOR STANDARD STEEL DOORS AND FRAMES
CONTAINS A SUGGESTED DOOR, FRAME AND HARDWARE SCHEDULE FORM AND DEFINES "HANDING".

111-E RECOMMENDED GUIDELINES FOR THE USE OF GASKETING AND THRESHOLDS FOR STANDARD STEEL DOORS AND FRAMES
CONTAINS DETAILS WHICH REPRESENT THE RECOMMENDATIONS OF THE SDI IN RESPECT TO WEATHER-STRIPPING OF STANDARD STEEL DOORS AND FRAMES.

111-F RECOMMENDED EXISTING WALL ANCHORS FOR STANDARD STEEL DOORS AND FRAMES
A GUIDE FOR ARCHITECTS TO AID THEM IN RECOGNIZING AVAILABLE OPTIONS TO THE TRADITIONAL SUB BUCK DETAIL WHICH HAS BEEN WIDELY USED IN THE PAST. IT ILLUSTRATES ANCHORING SYSTEMS WHICH ARE AVAILABLE IN REGULAR AND LABELED FRAMES.

111-G RECOMMENDED STANDARD PREPARATION FOR DOUBLE TYPE (INTERCONNECTED) LOCKS ON STANDARD STEEL DOORS AND FRAMES
DIMENSIONS FOR STANDARD DOOR AND FRAME PREPARATION FOR DOUBLE TYPE (INTERCONNECTED) LOCKS.

111-H HIGH FREQUENCY HINGE PREPARATIONS FOR FRAMES
SPECIFICATIONS FOR STEEL FRAMES USED IN EXTREMELY HIGH FREQUENCY OR HIGH USE AREAS WHICH NEED TO BE SUPPLIED WITH ADDITIONAL REINFORCING TO ELIMINATE POTENTIAL DOOR SAG.

SDI-112-08 ZINC-COATED (GALVANIZED/ GALVANNEALED) STANDARD STEEL DOORS AND FRAMES
THIS DOCUMENT PROVIDES INFORMATION REGARDING THE GALVANIZED SHEET USED IN STANDARD STEEL DOOR AND FRAME CONSTRUCTION WHEN A REQUIREMENT FOR GALVANIZED DOORS AND FRAMES IS SPECIFIED.

SDI-113-13 STANDARD PRACTICE FOR DETERMINING THE STEADY STATE THERMAL TRANSMITTANCE OF STEEL DOOR AND FRAME ASSEMBLIES
THIS DOCUMENT ESTABLISHES A MINIMUM STANDARD AND A METHOD OF TEST FOR THERMAL EFFECTIVENESS OF STEEL DOOR AND FRAME ASSEMBLIES UNDER CIRCUMSTANCES THAT MIGHT REASONABLY BE CONSIDERED NORMAL FIELD APPLICATIONS AND CONDITIONS.

SDI TECHNICAL DOCUMENTS (CONTINUED)

SDI-117-09 MANUFACTURING TOLERANCES FOR STANDARD STEEL DOORS AND FRAMES
THIS DOCUMENT IS INTENDED TO FURNISH USERS AND PROSPECTIVE USERS OF STANDARD STEEL DOORS AND FRAMES WITH PRACTICAL INFORMATION REGARDING MORTISE AND MANUFACTURING TOLERANCES FOR BOTH DOORS AND FRAMES.

SDI-118-12 BASIC FIRE DOOR, FIRE DOOR FRAME, TRANSOM/SIDELIGHT FRAME, AND WINDOW FRAME REQUIREMENTS
THIS DOCUMENT CONTAINS RULES AND OTHER INFORMATION IN A CONDENSED AND SIMPLIFIED MANNER IN RESPECT TO CODE REQUIREMENTS FOR THE DESIGN AND USE OF FIRE DOORS.

SDI-122-07 INSTALLATION AND TROUBLESHOOTING GUIDE FOR STANDARD STEEL DOORS AND FRAMES
THIS DOCUMENT COVERS FIELD INSTALLATION PROBLEMS MOST COMMONLY EXPERIENCED WITH STANDARD STEEL DOOR AND FRAME INSTALLATIONS. MOST PROBLEMS ENCOUNTERED ARE BECAUSE OF INAPPROPRIATE APPLICATION OF THE PRODUCTS AND/OR IMPROPER INSTALLATION.

SDI-124-11 MAINTENANCE OF STANDARD STEEL DOORS AND FRAMES
THIS DOCUMENT IS INTENDED TO SERVE AS A GENERAL OUTLINE OF MAINTENANCE ACTIVITIES NEEDED FOR HOLLOW METAL DOORS AND FRAMES. IT SHOULD BE NOTED THAT THE DOOR AND FRAME ARE VIRTUALLY MAINTENANCE FREE. MAINTENANCE WILL BE, FOR THE MOST PART, ASSOCIATED WITH ACCESSORIES AND HARDWARE ATTACHED TO THE DOOR AND FRAME.

SDI-127 SERIES - INDUSTRY ALERTS (A THROUGH L)

127-A END CLOSURE

127-B DOOR EDGE CUTOUTS

127-C FRAME CUTOUT LIMITS

127-D ELECTRIC STRIKES IN STUD WALLS

127-E PRIME PAINTED MATERIALS ALERT

127-F BUTTED FRAMES ROUGH OPENING SIZES

127-G ENVIRONMENTAL CONSIDERATIONS RELATING TO FACTORY PAINTED STEEL DOORS AND FRAMES

127-H WATER PENETRATION

127-I GROUTING FRAMES IN DRYWALL

127-J BITUMINOUS BACK-COATING OF FRAMES

127-K IMPROPER WEDGES AS HOLD-OPENS

127-L BUYER BEWARE: STEEL DOORS WITH LEAD-BASED PRIMER

SDI-128-09 GUIDELINES FOR ACOUSTICAL PERFORMANCE OF STANDARD STEEL DOORS AND FRAMES
THIS DOCUMENT SHALL PROVIDE GUIDELINES FOR THE SPECIFYING, DESIGNING, INSTALLING, AND ADJUSTING OF STANDARD STEEL DOORS AND FRAMES IN SOUND CONTROL APPLICATIONS.

SDI-129-12 HINGE AND STRIKE SPACING
A REFERENCE OF STANDARD LOCATIONS USED IN THE MANUFACTURE OF STEEL DOOR AND FRAMES BY SDI MEMBER COMPANIES FOR A VARIETY OF DOOR SIZES.

SDI-130-05 ELECTRONIC HINGE PREPARATIONS
PRACTICAL INFORMATION REGARDING AN ACCEPTABLE METHOD FOR PREPARING FRAMES FOR 4-1/2" ELECTRIC HINGES. THIS DOCUMENT WILL ALLOW FRAME MANUFACTURERS TO PROVIDE FRAMES PRIOR TO HAVING KNOWLEDGE OF THE SPECIFIC ELECTRIC HINGE BEING USED.

SDI-131-10 ACCELERATED PHYSICAL ENDURANCE TEST PROCEDURE FOR STEEL DOORS
THIS TEST PROCEDURE PROVIDES MANUFACTURERS WITH A METHOD OF QUICKLY TESTING THE PERFORMANCE OF DOORS.

ANSI STANDARDS

ANSI STANDARDS
THE SDI HAS PROMULGATED THE FOLLOWING ANSI STANDARDS AND TEST METHODS. ALL OF THE SDI MEMBER COMPANIES STRESS THE PERFORMANCE OF STANDARD STEEL DOOR PRODUCTS AND THOSE PRODUCTS HAVE BEEN TESTED TO MEET THE ACCEPTANCE CRITERIA OR REQUIREMENTS CONTAINED IN THESE STANDARDS.

ALL OF THESES DOCUMENTS ARE CONTAINED IN THE SDI FACT FILE, AND ARE FOR THE FIRST TIME AVAILABLE TO DOWNLOAD FOR FREE.

TO DOWNLOAD ANY OF THESE DOCUMENTS FOR FREE GO TO SDI'S WEBSITE AT: WWW.STEELDOOR.ORG/HTML/ANSI.HTML

A250.3-2007 (R2011) TEST PROCEDURE AND ACCEPTANCE CRITERIA FOR FACTORY APPLIED FINISH COATINGS FOR STEEL DOORS AND FRAMES
PRESCRIBES THE PROCEDURE TO BE FOLLOWED IN THE SELECTION OF MATERIAL, CHEMICAL PREPARATION, PAINTING, TESTING, AND EVALUATION OF FACTORY APPLIED FINISH PAINTED STEEL SURFACES FOR STEEL DOORS AND FRAMES.

A250.4-2011 TEST PROCEDURE AND ACCEPTANCE CRITERIA FOR PHYSICAL ENDURANCE FOR STEEL DOORS AND HARDWARE REINFORCING
A STANDARD METHOD OF TESTING THE PERFORMANCE OF A STEEL DOOR MOUNTED IN A PRESSED STEEL OR CHANNEL IRON FRAME UNDER CONDITION THAT MIGHT BE CONSIDERED AN ACCELERATED FIELD OPERATING CONDITIONS.

A250.6-2003 (R2009) RECOMMENDED PRACTICE FOR HARDWARE REINFORCING ON STANDARD STEEL DOORS AND FRAMES
PROVIDES USERS OF STANDARD STEEL DOORS AND FRAMES WITH PRACTICAL INFORMATION REGARDING ACCEPTED DESIGN METHODS FOR REINFORCING, AND RECOMMENDED PRACTICES FOR PROPER FIELD PREPARATION AND INSTALLATION OF BUILDERS HARDWARE.

A250.8-2003 (R2008) RECOMMENDED SPECIFICATIONS FOR STANDARD STEEL DOORS AND FRAMES (FORMERLY SDI-100)
THIS SPECIFICATION FOR SWINGING STEEL DOORS AND FRAMES OFFERS A NUMBER OF CHOICES IN BOTH REGULAR AND FIRE RATED DOOR AND FRAME CONSTRUCTIONS. THE USER MUST SELECT FROM THE SPECIFICATION THE SPECIFIC GRADES OF DOORS AND FRAMES THAT BEST APPLY TO THE PROJECT.

THIS SPECIFICATION COVERS SIZES, TYPES, MATERIALS, GENERAL CONSTRUCTION REQUIREMENTS AND FINISHING OF 1-3/4 IN EXTRA HEAVY DUTY STEEL DOORS, 1-3/4 IN HEAVY DUTY STEEL DOORS, 1-3/4 IN STANDARD DUTY STEEL DOORS, TOGETHER WITH FRAMES AND ACCESSORIES. THEY ARE INTENDED TO BE STANDARD ITEMS NOT SUBJECT TO VARIATIONS.

A250.10-1998 (R2011)TEST PROCEDURE AND ACCEPTANCE CRITERIA FOR PRIME PAINTED STEEL SURFACES FOR STEEL DOORS AND FRAMES (R2004)
PROCEDURES FOR THE SELECTION OF MATERIAL, CHEMICAL PREPARATION, PAINTING, TESTING AND EVALUATION OF PRIME PAINTED STEEL SURFACES FOR STEEL DOORS AND FRAMES.

A250.11-2012 RECOMMENDED ERECTION INSTRUCTIONS FOR STEEL FRAMES
THIS DOCUMENT INCLUDES INFORMATION IN RESPECT TO STORAGE OF FRAMES ON THE JOBSITE, GROUTING AND BACK PAINTING OF FRAMES AND ASSEMBLY OF FRAMES. IT CONTAINS INSTRUCTIONS IN RESPECT TO BRACING FRAMES BEFORE WALL CONSTRUCTION AND THE INSTALLATION OF FRAMES IN MASONRY, STEEL STUD WALL CONSTRUCTION, WOOD STUD WALL CONSTRUCTION AND DRYWALL CONSTRUCTION.

A250.13-2008 TESTING AND RATING OF SEVERE WINDSTORM RESISTANT COMPONENTS FOR SWINGING DOOR ASSEMBLIES
THIS STANDARD PROVIDES PROCEDURES FOR TESTING AND ESTABLISHING LOAD RATINGS (DESIGN LOAD IN POUNDS PER SQUARE FOOT OR POUNDS FORCE) FOR COMPONENTS OF EXTERIOR SWINGING DOOR ASSEMBLIES. IT IS THE INTENT OF THIS DOCUMENT TO TEST THE PROTECTION OF OPENINGS DURING SEVERE WINDSTORM CONDITIONS, SUCH AS A HURRICANE, THAT PRODUCES SUSTAINED WIND SPEEDS OR GUSTS IN A RANGE OF 110 TO 150 MILES PER HOUR AS DEFINED BY ASCE 7-02. IT IS NOT INTENDED TO SIMULATE WIND FORCES GENERATED BY TORNADOES.

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THIS GUIDE HAS BEEN PREPARED TO ESTABLISH METRIC EQUIVALENTS FOR CURRENT STANDARD DIMENSIONS ON CURRIES' DOORS AND FRAMES. IT IS INTENDED FOR IN-HOUSE USE AT THIS TIME. ALL NUMBERS USED HAVE BEEN CALCULATED USING A "SOFT" CONVERSION METHOD. THIS MEANS THAT ALL EXISTING SIZES AND DIMENSIONS REMAIN THE SAME. THE DIMENSIONS ARE SIMPLY CONVERTED TO METRIC NUMBERS. IT IS UNKNOWN AT THIS TIME WHETHER OR NOT CURRIES' WILL EVER UNDERGO A "HARD" METRIC CONVERSION. THIS TYPE OF CONVERSION INVOLVES CHANGING THE ACTUAL PRODUCT DIMENSIONS TO ROUND METRIC NUMBERS. WE HAVE USED A CONVERSION FACTOR OF 1" = 25.4 MM (EXACTLY). NOMINAL DIMENSIONS ARE THOSE BY WHICH A COMPONENT IS USUALLY IDENTIFIED, I.E. 3070 DOOR. NET DIMENSIONS ARE THE ACTUAL FINISHED SIZE DIMENSIONS OF THE PRODUCT, I.E. A 3070 NOMINAL DOOR SIZE IS A 35-13/16" X 83-1/4" NET DOOR SIZE.

CONVERSION EXAMPLE: CONVERT A 3070 DOOR AND FRAME TO METRIC DIMENSIONS.	
FRAME OPENING WIDTH (NOMINAL):	36" X 25.4 MM = 914.4 MM = 914 MM
FRAME OPENING LENGTH (NOMINAL):	84" X 25.4 MM = 2133.6 MM = 2134 MM
FRAME OPENING WIDTH (NET):	36" X 25.4 MM = 914.4 MM
FRAME OPENING LENGTH (NET):	84" X 25.4 MM = 2133.6 MM
SO, THE NOMINAL OPENING SIZE IS 914 MM X 2134 MM, AND THE NET OPENING SIZE IS 914.4 MM X 2133.6 MM.	
DOOR WIDTH (NOMINAL):	36" X 25.4 MM = 914.4 MM = 914 MM
DOOR HEIGHT (NOMINAL):	84" X 25.4 MM = 2133.6 MM = 2134 MM
DOOR WIDTH (NET):	3/16" UNDERSIZE = 3/16" X 25.4 MM = 4.8 MM 36" X 25.4 MM = 914.4 MM – 4.8 MM = 909.6 MM
DOOR HEIGHT (NET):	3/4" UNDERSIZE = 3/4" X 25.4 MM = 19 MM 84" X 25.4 MM = 2133.6 MM – 19 MM = 2114.6 MM
SO, THE NOMINAL DOOR SIZE IS 914 MM X 2134 MM AND THE NET DOOR SIZE IS 909.6 MM X 2114.6 MM.	

THE ATTACHED DOCUMENTATION SHOWS NOMINAL AND NET CONVERSIONS FOR:	
FRAME OPENING HEIGHT & WIDTH	DOOR HEIGHT & WIDTH
STOP HEIGHTS	FRAME FACES
STEEL GAUGES–PREFERRED	DOOR THICKNESS
FRAME RETURNS	FRAME THROAT OPENINGS
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FRAME OPENING WIDTH		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
1’0”	305	304.8
1’2”	356	355.6
1’4”	406	406.4
1’6”	457	457.2
1’8”	508	508
1’10”	559	558.8
2’0”	610	609.6
2’2”	660	660.4
2’4”	711	711.2
2’6”	762	762
2’8”	813	812.8
2’10”	864	863.6
3’0”	914	914.4
3’2”	965	965.2
3’4”	1016	1016
3’6”	1067	1066.8
3’8”	1118	1117.6
3’10”	1168	1168.4
4’0”	1219	1219.2
5’0”	1524	1524
6’0”	1829	1828.8
7’0”	2134	2133.6

DOOR OPENING WIDTH		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
		(NOM.- 3/16”)
ENGLISH	METRIC	METRIC
1’0”	305	300.0
1’2”	356	350.8
1’4”	406	401.6
1’6”	457	452.4
1’8”	508	503.2
1’10”	559	554.0
2’0”	610	604.8
2’2”	660	655.6
2’4”	711	706.4
2’6”	762	757.2
2’8”	813	808.0
2’10”	864	858.8
3’0”	914	909.6
3’2”	965	960.4
3’4”	1016	1011.2
3’6”	1067	1062.0
3’8”	1118	1112.8
3’10”	1168	1163.6
4’0”	1219	1214.4
5’0”	1524	1519.2
6’0”	1829	1824.0
7’0”	2134	2128.8

FRAME OPENING HEIGHT		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
6’6”	1981	1981.2
6’8”	2032	2032
6’10”	2083	2082.8
7’0”	2134	2133.6
7’2”	2184	2184.4
7’4”	2235	2235.2
7’6”	2286	2286
7’8”	2337	236.8
7’10”	2388	2387.6
8’0”	2438	2438.4

DOOR OPENING HEIGHT		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
		(NOM.- 3/4”)
ENGLISH	METRIC	METRIC
6’6”	1981	1962.2
6’8”	2032	2013.0
6’10”	2083	2063.8
7’0”	2134	2114.6
7’2”	2184	2165.5
7’4”	2235	2216.2
7’6”	2286	2267.0
7’8”	2337	2317.8
7’10”	2388	2368.6
8’0”	2438	2419.4

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STOP HEIGHT		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
1/2”	12	12.7
5/8”	16	15.9
3/4”	19	19.0
1”	25	25.4
1-1/4”	32	31.7

STEEL GAUGES		
GAUGE	ENGLISH	METRIC
20	.032”	.08
18	.042”	1.1
16	.053”	1.3
14	.067”	1.7
12	.093”	2.4

FRAME RETURNS		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
3/8”	10	9.5
7/16”	11	11.1
1/2”	13	12.7

FRAME FACES		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
1”	25	25.4
1-1/4”	32	31.8
1-1/2”	38	38.1
1-3/4”	44	44.5
2”	51	50.8
4”	102	101.6

FRAME FACES			
	NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
GA.	ENGLISH	METRIC	METRIC
20	1-3/4”	45	43.9
18	1-3/4”	45	44.5
16	1-3/4”	45	44.9
14	1-3/4”	45	45.8
20	1-3/8”	35	34.3
18	1-3/8”	35	34.9
16	1-3/8”	35	35.3
14	1-3/8”	35	36.3

FRAME FACES			THROAT OPENING (1/2” RETURNS)		
NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC	NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC
3”	76	76.2	2”	51	50.8
3-1/8”	79	79.4	2-1/8”	54	54.0
3-1/4”	83	82.6	2-1/4”	57	57.2
3-3/8”	86	85.7	2-3/8”	60	60.3
3-1/2”	89	88.9	2-1/2”	64	63.5
3-5/8”	92	92.1	2-5/8”	67	66.7
3-3/4”	96	95.3	2-3/4”	70	69.9
3-7/8”	98	98.4	2-7/8”	73	73.0
4”	102	101.6	3”	76	76.2
4-1/8”	105	104.8	3-1/8”	79	79.4
4-1/4”	108	108.0	3-1/4”	83	82.6
4-3/8”	111	111.1	3-3/8”	86	85.7
4-1/2”	114	114.3	3-1/2”	89	88.9
4-5/8”	118	117.5	3-5/8”	92	92.1
4-3/4”	121	120.7	3-3/4”	96	95.3
4-7/8”	124	123.8	3-7/8”	98	98.4

ALL METRIC DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

METRIC CONVERSION GUIDE

JAMB DEPTH				THROAT OPENING (1/2" RETURNS)		
NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC		NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC
5"	127	127.0		4"	102	101.6
5-1/8"	130	130.2		4-1/8"	105	104.8
5-1/4"	133	133.4		4-1/4"	108	108.0
5-3/8"	137	136.5		4-3/8"	111	111.1
5-1/2"	140	139.7		4-1/2"	114	114.3
5-5/8"	143	142.9		4-5/8"	118	117.5
5-3/4"	146	146.1		4-3/4"	121	120.7
5-3/4" *	146	146.1	(7/16" RET)	4-7/8"	124	123.8
5-7/8"	149	149.2		4-7/8"	124	123.8
6"	152	152.4		5"	127	127.0
6-1/8"	156	155.6		5-1/8"	130	130.2
6-1/4"	159	158.8		5-1/4"	133	133.4
6-3/8"	162	161.9		5-3/8"	137	136.5
6-1/2"	165	165.1		5-1/2"	140	139.7
6-5/8"	168	168.3		5-5/8"	143	142.9
6-3/4"	172	171.5		5-3/4"	146	146.1
6-7/8"	175	174.6		5-7/8"	149	149.2
7"	178	177.8		6"	152	152.4
7-1/8"	181	181.0		6-1/8"	156	155.6
7-1/4"	184	184.2		6-1/4"	159	158.8
7-3/8"	187	187.3		6-3/8"	162	161.9
7-1/2"	191	190.5		6-1/2"	165	165.1
7-5/8"	194	193.7		6-5/8"	168	168.3
7-3/4"	197	196.9		6-3/4"	172	171.5
7-7/8"	200	200.0		6-7/8"	175	174.6
8"	203	203.2		7"	178	177.8
8-1/8"	206	206.4		7-1/8"	181	181.0
8-1/4"	210	209.6		7-1/4"	184	184.2
8-3/8"	213	212.7		7-3/8"	187	187.3
8-1/2"	216	215.9		7-1/2"	191	190.5
8-5/8"	219	219.1		7-5/8"	194	193.7
8-3/4"	222	222.3		7-3/4"	197	196.9
8-7/8"	225	225.4		7-7/8"	200	200.0
9"	229	228.6		8"	203	203.2
9-1/8"	232	231.8		8-1/8"	206	206.4
9-1/4"	235	235.0		8-1/4"	210	209.6
9-2/8"	238	238.1		8-3/8"	213	212.7
9-1/2"	241	241.3		8-1/2"	216	215.9
9-5/8"	245	244.5		8-5/8"	219	219.1
9-3/4"	248	247.7		8-3/4"	222	222.3
9-7/8"	251	250.8		8-7/8"	225	225.4

ALL METRIC DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

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NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC		NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC
10"	254	254.0		9"	229	228.6
10-1/8"	257	257.2		9-1/8"	232	231.8
10-1/4"	260	260.0		9-1/4"	235	235.0
10-3/8"	264	263.5		9-3/8"	238	238.1
10-1/2"	267	266.7		9-1/2"	241	241.3
10-5/8"	270	269.9		9-5/8"	245	244.5
10-3/4"	273	273.1		9-3/4"	248	247.7
10-7/8"	276	276.2		9-7/8"	251	250.8
11"	279	279.4		10"	254	254.0
11-1/8"	283	282.6		10-1/8"	257	257.2
11-1/4"	286	285.8		10-1/4"	260	260.4
11-3/8"	289	288.9		10-3/8"	264	263.5
11-1/2"	292	292.1		10-1/2"	267	266.7
11-5/8"	295	295.3		10-5/8"	270	269.9
11-3/4"	299	298.5		10-3/4"	273	273.1
11-7/8"	302	301.6		10-7/8"	276	276.2
12"	305	304.8		11"	279	279.4
12-1/8"	308	308.0		11-1/8"	283	282.6
12-1/4"	311	311.2		11-1/4"	286	285.8
12-3/8"	314	314.3		11-3/8"	289	288.9
12-1/2"	318	317.5		11-1/2"	292	292.1
12-5/8"	321	320.7		11-5/8"	295	295.3
12-3/4"	324	323.9		11-3/4"	299	289.5
12-7/8"	327	327.0		11-7/8"	302	301.6
13"	330	330.2		12"	305	304.8
13-1/8"	333	333.4		12-1/8"	308	308.0
13-1/4"	337	336.6		12-1/4"	311	311.2
13-3/8"	340	339.7		12-3/8"	314	314.3
13-1/2"	343	342.9		12-1/2"	318	317.5
13-5/8"	346	346.1		12-5/8"	321	320.7
13-3/4"	349	349.2		12-3/4"	324	323.9
13-7/8"	352	352.4		12-7/8"	327	327.0
14"	356	355.6		13"	330	330.2
14-1/8"	359	358.8		13-1/8"	333	333.4
14-1/4"	362	361.9		13-1/4"	337	336.6
14-3/8"	365	365.1		13-3/8"	340	339.7
14-1/2"	368	368.3		13-1/2"	343	342.9
14-5/8"	371	371.5		13-5/8"	346	346.1
14-3/4"	375	374.6		13-3/4"	349	349.2
14-7/8"	378	377.8		13-7/8"	352	352.4

ALL METRIC DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

FACTORY PREFINISH PAINT

CURRIES HAS THE CAPABILITY TO DELIVER BOTH CUSTOM AND STANDARD COMMERCIAL GRADE FACTORY PREFINISHED DOORS AND FRAMES.

- THE COLOR DESIGNERS AT PPG HAVE SELECTED TOP COLOR RECOMMENDATIONS BY VERTICAL MARKET TO COMPLEMENT THE DESIGNS USED BY MANY ARCHITECTS AND END USERS
- WITH PREFINISHED PRODUCTS, A BUILDING'S PROJECT MANAGER HAS MORE FLEXIBILITY TO COMPLETE THE JOB CORRECTLY AND ON SCHEDULE
- FACTORY PREFINISH IS EXTREMELY DURABLE AND IS FACTORY APPLIED IN A CONTROLLED ENVIRONMENT TO ENSURE CONSISTENT AND HIGH QUALITY RESULTS
- ALL FACTORY PAINTS AND APPLICATION PROCESSES ARE IN COMPLIANCE WITH STRICT EPA STANDARDS FOR STATE AND NATIONAL LEVELS
- DOORS AND WELDED OR KNOCKED DOWN FRAMES WITH STANDARD AND CUSTOM COLORS TO CHOOSE FROM
- LOWER FINISHING COST AS FACTORY FINISHING IS MORE EFFICIENT THAN JOBSITE PREPARATION AND PAINTING
- A GREEN SOLUTION. COMPLIANCE WITH LEED EQ 4.1 AND 4.2 VOC LEVELS AT JOBSITE (HAPS FREE)

THE COLORS SHOWN ARE FOR REPRESENTATION ONLY. CONTACT YOUR CURRIES SALES REPRESENTATIVE FOR ACTUAL COLOR SAMPLES, AVAILABILITY AND PRICING.

VISIT CURRIES PREFINISH WEB PAGE FOR MORE INFORMATION.

RECOMMENDED PAINTING INSTRUCTION

FIELD PAINTING:

STEEL DOORS AND FRAMES ARE PROVIDED WITH A PRIMER PAINT FINISH THAT IS INTENDED AS A PREPARATORY BASE FOR FIELD APPLICATION OF A FINISH COAT OF PAINT. THE PRIMER PAINT COAT IS NOT DESIGNED TO BE THE FINAL LAYER OF PROTECTION FROM ENVIRONMENTAL CONDITIONS. IT IS DESIGNED TO PROVIDE PROTECTION TO THE STEEL SURFACE DURING NORMAL STORAGE, SHIPPING, AND INSTALLATION AT THE JOB SITE AND TO PROVIDE A UNIFORM BASE FOR FINISH PAINTING. FINISH PAINTING IS NECESSARY.

FOR INTERIOR DOORS AND FRAMES, IT IS RECOMMENDED THAT THE FINISH PAINT BE APPLIED AFTER INSTALLATION IS COMPLETE. FOR EXTERIOR DOORS AND FRAMES, IT IS RECOMMENDED THAT THE FINISH PAINT BE APPLIED PROMPTLY AFTER INSTALLATION AND PRIOR TO EXPOSURE TO RAIN, MOISTURE, OR OTHER EXTERIOR ENVIRONMENTAL CONDITIONS. EXPOSURE OF PRIMED ONLY PRODUCTS TO EXTERIOR CONDITIONS PRIOR TO FINISH PAINTING IS BEYOND THE MANUFACTURER'S CONTROL AND MAY ADVERSELY AFFECT APPEARANCE AND PERFORMANCE.

LOW GLOSS OIL BASED PAINTS ARE RECOMMENDED AS FINISH PAINT. WE DO NOT RECOMMEND THE USE OF WATER BASED FINISH COATS SUCH AS LATEX, ACRYLIC, POLY-VINYL ACETATE EMULSION FINISHES. HOWEVER, IF ANY OF THESE MATERIALS ARE USED AS A FINISH COAT, YOU SHOULD FIRST REPAINT THE DOOR OR FRAME WITH A PRIMER WITH RUST INHIBITORS RECOMMENDED BY YOUR PAINT MANUFACTURER FOR BARE STEEL. IF THE DOOR IS NOT RE-PRIMED, ALL SCRATCHES AND NICKS THAT EXPOSE BARE STEEL WILL DEVELOP RUST.

POWDER COATING & HIGH-TEMPERATURE FINISHES:

THE MANUFACTURER'S WARRANTY DOES NOT COVER CONDITIONS, DEFECTS, OR FAILURES CAUSED BY POWDER COATING OR ANY OTHER BAKED-ON OR HIGH-TEMPERATURE FINISHING PROCESS APPLIED BY OTHERS.

POWDER COATING AND SIMILAR FINISHING METHODS MAY REQUIRE CURE TEMPERATURES THAT EXCEED THOSE RECOMMENDED FOR STEEL DOOR AND FRAME ASSEMBLIES AND THEIR INTERNAL COMPONENTS. EXPOSURE TO SUCH TEMPERATURES CAN RESULT IN WARPING, CORE DAMAGE, PRIMER OUTGASSING, FINISH DEFECTS, DIMENSIONAL CHANGES, OR IMPAIRED PRODUCT PERFORMANCE.

ANY POWDER COATING OR HIGH-TEMPERATURE FINISH APPLIED BY OTHERS IS PERFORMED AT THE SOLE RISK OF THE APPLICATOR OR OWNER. DAMAGE OR PERFORMANCE ISSUES ARISING FROM THESE PROCESSES ARE BEYOND THE MANUFACTURER'S CONTROL AND EXPRESSLY VOID THE MANUFACTURER'S WARRANTY FOR THE AFFECTED PRODUCTS.

USGBC LEED REQUIREMENTS

UNDER UNITED STATES GREEN BUILDING COUNCIL LEED CREDIT EQ 4.2, ANY PAINTS AND COATINGS ARE LIMITED ON THE VOC CONTENT THAT CAN BE APPLIED AT THE JOBSITE. THIS MAY REQUIRE THE PAINTER TO USE A LATEX PAINT FOR DOORS AND FRAMES. IF THIS IS REQUIRED THEN IT IS THE RESPONSIBILITY OF THE PAINTING CONTRACTOR TO RE-PRIME THE DOORS AND FRAMES PER CURRIES RECOMMENDATION (SEE ABOVE).

RECOMMENDED PAINTING INSTRUCTIONS:

FIRST REPAIR ANY DENTS OR SCRATCHES WHICH OCCURRED DURING INSTALLATION. SAND THE PRIMER FINISH LIGHTLY WITH A VERY FINE SAND PAPER; BE SURE THE SURFACE IS CLEAN AND DRY. PAINT WITH A LOW GLOSS OIL BASE TRIM PAINT. IF THE PRIMER HAS BEEN SCRATCHED OR DAMAGED SO THAT RUSTING HAS OCCURRED, SAND LIGHTLY WITH STEEL WOOL OR FINE SANDPAPER TO REMOVE ALL TRACES OF RUST (ANY RUST NOT REMOVED WILL EVENTUALLY BECOME ACTIVE AND BLEED THROUGH ANY SUBSEQUENT TOP COATS.) AFTER ALL RUST HAS BEEN REMOVED AND YOU ARE SURE THE SURFACE IS CLEAN, DRY, AND FREE OF ANY FOREIGN MATERIAL, APPLY A RUST INHIBITIVE PRIMER OVER THE ENTIRE REPAIR AREA AND THEN PAINT THE DOOR WITH A LOW GLOSS OIL BASE TRIM PAINT.

DENT REPAIR:

SAND TO BARE METAL (INCLUDING AREA AROUND DENT) WITH #80 SAND PAPER. APPLY TWO COMPONENT PLASTIC BODY FILLER, MIXED AS DIRECTED ON THE CONTAINER, TO THE DEPRESSED AREA. AFTER FILLER HAS CURED THOROUGHLY, SAND WITH #100 GRIT SAND PAPER TO A SMOOTH FLAT SURFACE. FINISH SAND WITH 240 OR 300 GRIT SAND PAPER AS NEEDED. BE SURE SURFACE IS CLEAN AND DRY, AND FREE OF ANY FOREIGN MATERIAL. APPLY A RUST INHIBITIVE PRIMER OVER ENTIRE REPAIR AREA AND LET DRY FOR 24 HOURS BEFORE FINISH PAINTING.

SCRATCHES:

FEATHER SCRATCH TO THE BARE METAL WITH #300 SAND PAPER. BE SURE SURFACE IS CLEAN, DRY, AND FREE OF ANY FOREIGN MATERIAL. APPLY A RUST INHIBITIVE PRIMER OVER ENTIRE REPAIR AREA AND LET DRY FOR 24 HOURS BEFORE FINISH PAINTING.

SPECIAL PAINTING NOTE FOR 747, 847, AND 857 DOORS:

THE PRODUCTION OF STEEL DOORS AND FRAMES RELIES ON A VARIETY OF MANUFACTURING PROCESSES INCLUDING SPOT WELDING, PROJECTION WELDING, ARC WELDING GROUND SMOOTH, GRINDING, FILLING, ETC. THESE PROCESSES MAY RESULT IN A SHOW-THROUGH AFTER APPLICATION OF FINISHED PAINT. THESE CHARACTERISTICS ARE INHERENT IN PRODUCTION AND ARE NOT TO BE CONSIDERED AS MANUFACTURING DEFECTS.

THE SHOW-THROUGH CHARACTERISTICS INCREASE AS THE PAINT GLOSS INCREASES. ANSI A250.8 (SDI 100) RECOMMENDS A MAXIMUM PAINT GLOSS RATING OF 20% REFLECTANCE, MEASURED USING A 60˚ GLOSS METER, WHICH SHOULD BE SUITABLE FOR MOST APPLICATIONS. TRANSLUCENT PAINTS MAY EMPHASIZE SHOW-THROUGH CHARACTERISTICS AND THEIR USE IS NOT RECOMMENDED.

RECOMMENDED PROCEDURE FOR RECEIVING AND STORAGE OF STEEL DOORS AND FRAMES

DELIVERY AND RECEIVING OF MATERIAL:
UPON DELIVERY, ALL MATERIAL SHALL BE THOROUGHLY INSPECTED FOR DAMAGE. SHOULD DAMAGED MATERIAL BE FOUND, THE GENERAL CONTRACTOR HAS THE OPTION OF REFUSING DELIVERY OR TO ACCEPT THE MATERIAL AS DAMAGED. ANY DAMAGED ITEMS SHOULD BE NOTED ON THE FREIGHT BILL. CLAIMS WILL NOT BE HONORED BY THE FREIGHT CARRIER, UNLESS THE DAMAGED ITEMS ARE NOTED ON THE FREIGHT BILL AT THE TIME OF DELIVERY. THE GENERAL CONTRACTOR MUST TELEPHONE OR WRITE THE LOCAL OFFICE OF THE FREIGHT CARRIER AND REQUEST AN INSPECTION OF THE DAMAGE. THE CONTRACTOR SHALL CONTACT THE HOLLOW METAL DISTRIBUTOR IMMEDIATELY OF ANY ITEM SIGNED FOR AS DAMAGE. THIS PROCEDURE WILL HELP TO EXPEDITE THE REPAIR OR REPLACEMENT OF THE DAMAGED ITEMS AND THE PROCESSING OF THE DAMAGE CLAIM WITH THE FREIGHT CARRIER.

SHOULD THE GENERAL CONTRACTOR DISCOVER ANY DAMAGE OR ERROR IN THE HOLLOW METAL DELIVERED TO THE JOB SITE, IT IS IMPERATIVE THAT THE HOLLOW METAL DISTRIBUTOR BE NOTIFIED BEFORE INITIATING ANY CORRECTIVE MEASURE IN THE FIELD, SO THAT THE HOLLOW METAL DISTRIBUTOR AND MANUFACTURER CAN PARTICIPATE IN SOLVING THE PROBLEM. FAILURE TO DO SO COULD RESULT IN THE CANCELLATION OF THE WARRANTY AND/OR FIRE LABEL. IF CLAIM IS TO BE MADE FOR ANY ERROR OR DEFICIENCY IN THE HOLLOW METAL WORK ITSELF, IT IS IMPERATIVE THAT THE HOLLOW METAL DISTRIBUTOR BE NOTIFIED BEFORE INITIATING ANY CORRECTIVE WORK IN THE FIELD.

THE CONTRACTOR RESPONSIBLE FOR INSTALLATION SHALL SEE THAT ANY SCRATCHES OR DISFIGUREMENT CAUSED IN SHIPPING OR HANDLING ARE PROMPTLY CLEANED AND TOUCHED UP WITH A RUST INHIBITIVE PRIMER.

ON SITE STORAGE:
PROPER STORAGE OF HOLLOW METAL WORK AT THE CONSTRUCTION SITE WILL HELP TO PREVENT DAMAGE TO THE PRIMER COAT OF PAINT. PRIME COATED STEEL MUST BE PROTECTED WHEN EXPOSED TO THE ELEMENTS, INCLUDING HIGH HUMIDITY, SALT, AIR, AND/OR DAMP WRAPPINGS.

PARTICULAR ATTENTION MUST, THEREFORE, BE GIVEN TO STEEL PRODUCTS HAVING A SHOP COAT OF PRIME PAINT. BECAUSE THE PROTECTIVE SHOP COAT MUST BE POROUS TO PROPERLY RECEIVE AND HOLD TOP COATS, WATER OR MOISTURE IN CONTACT WITH PRIMER COATED STEEL WILL SEEP THROUGH TO THE STEEL BY CAPILLARY ACTION. AN ELECTROLYTIC ACTION THEN FOLLOWS, RESULTING IN CORROSION AND CAUSING THE PAINT FILM TO LOSE ADHESION. THE PRESENCE OF OXYGEN AT THE WATER-AIR INTERFACE BEHIND THE LOOSENED PAINT FILM ACCELERATES CORROSIVE ACTION AND THE PRIME COAT FURTHER DETERIORATES.
EVEN WHEN HOT-DIP GALVANIZING IS USED TO PROVIDE A CORROSION RESISTANT BASE COAT ON STEEL, MANUFACTURERS OF HOLLOW METAL DOORS HAVE FOUND THAT ONE WEEK OF PRODUCT EXPOSURE TO WATER, BECAUSE OF IMPROPER STORAGE, CAN BE EQUIVALENT TO AT LEAST A YEAR OF OUTDOOR EXPOSURE TO THE ELEMENTS.
NOTE: PAINT MANUFACTURERS ADVISE THAT THE PRIMER TYPICALLY USED BY HOLLOW METAL MANUFACTURERS SHOULD RECEIVE A FINISH COAT OF PAINT WITHIN 30 DAYS OF DELIVERY. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO SAND, TOUCH UP AND CLEAN PRIME PAINTED SURFACES PRIOR TO FINISH PAINTING IN ACCORDANCE WITH THE FINISH PAINT MANUFACTURER'S INSTRUCTIONS.

THE FOLLOWING PROCEDURES SHOULD ALWAYS BE OBSERVED IN STORING HOLLOW METAL DOORS AND FRAMES AT THE JOB SITE:

1. STORE ALL MATERIALS IN A DRY AREA, UNDER COVER. ALL FERROUS METAL PRODUCTS SHOULD BE STORED WHERE THEY WILL NOT BE EXPOSED TO, OR COME IN CONTACT WITH WATER. THIS IS PARTICULARLY TRUE OF PRODUCTS SUCH AS DOORS, WHICH HAVE LARGE FLAT SURFACES ON WHICH WATER MAY COLLECT IF THEY ARE STACKED HORIZONTALLY.

2. DO NOT USE NON-VENTED PLASTIC OR CANVAS. THESE MATERIALS CREATE A HUMIDITY CHAMBER, WHICH PROMOTES BLISTERING AND CORROSION.

3. STORE DOORS AND WELDED FRAMES IN AN UPRIGHT POSITION WITH HEADS UPPERMOST. FIGURES 1 AND 2.

4. PLACE NO MORE THAN 5 DOORS OR WELDED FRAMES IN A GROUP. SMALL GROUPS NOT ONLY MINIMIZE THE LIKELIHOOD OF DAMAGE DUE TO EXCESS HANDLING, BUT ALSO FACILITATE SELECTION FROM THE GROUP FOR INSTALLATION. IN THE CASE OF MULTI-OPENING FRAMES, NO MORE THAN THREE UNITS SHOULD BE STORED IN A GROUP, TO AVOID SERIOUS DAMAGE TO THE BOTTOMMOST FRAME.

5. PLACE ALL MATERIAL ON PLANKING OR BLOCKING AT LEAST 4 IN. (100 MM) OFF THE GROUND, 2 IN. (50 MM) OFF A PAVED AREA OR THE FLOOR SLAB.

6. PROVIDE A LEAST 1/4 IN. SPACE (WOOD TRIP) BETWEEN ALL UNITS TO PERMIT AIR CIRCULATION.

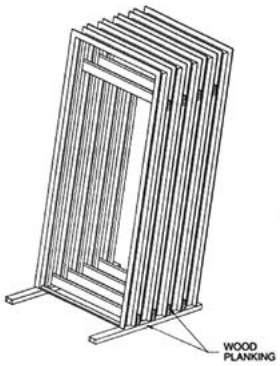

FIGURE 1
FRAME STORAGE

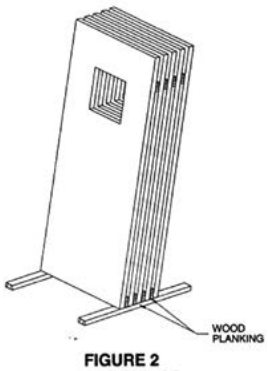

FIGURE 2
DOOR STORAGE

Frames

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CCW STICK COMPONENTS

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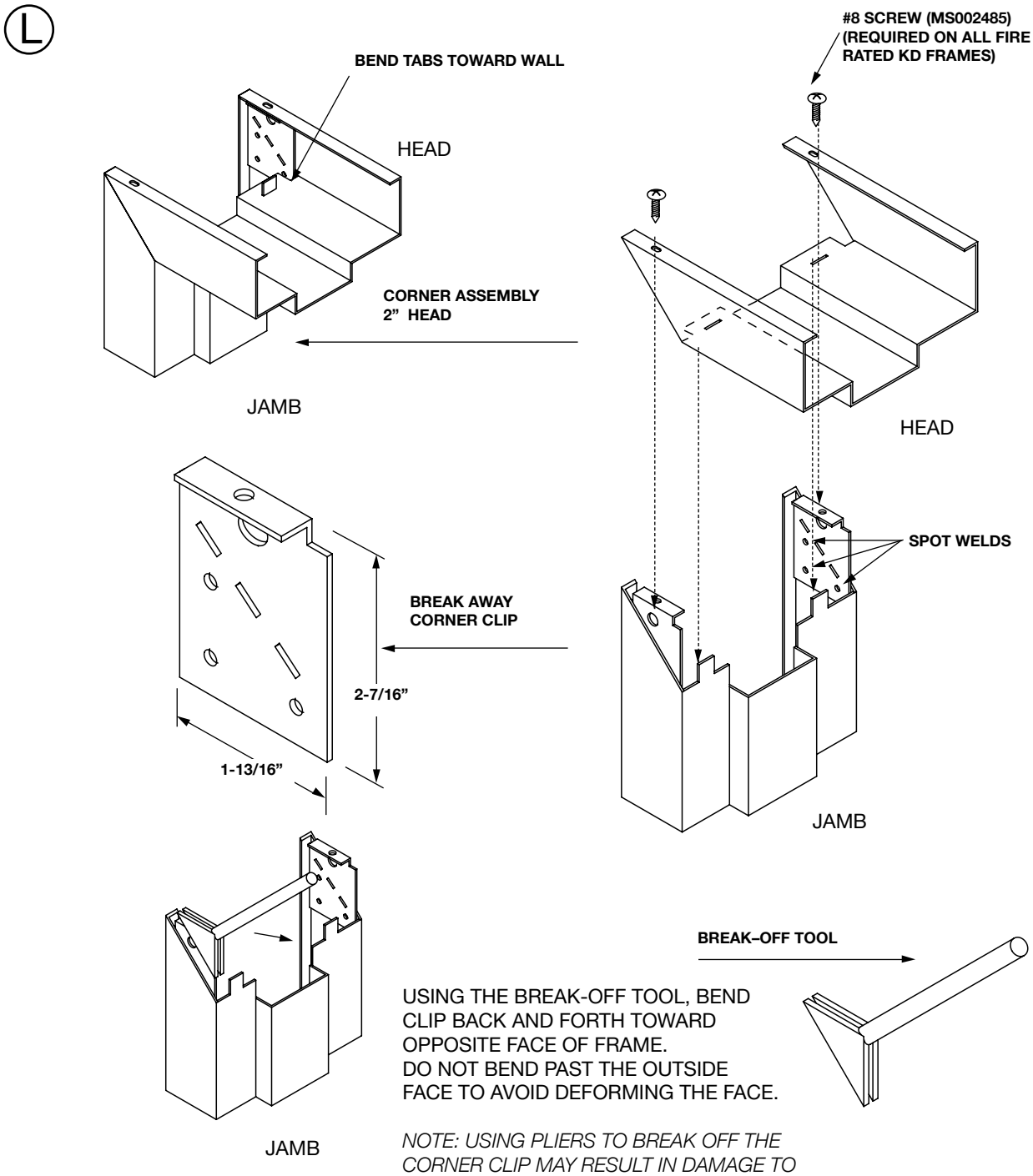
FLUSH MASONRY KD MITER CORNER JOINT

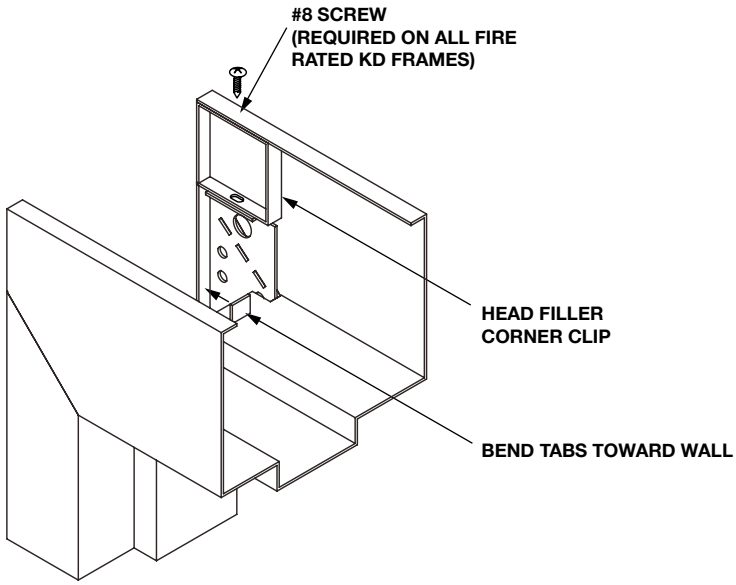


USING THE BREAK-OFF TOOL, BEND CLIP BACK AND FORTH TOWARD OPPOSITE FACE OF FRAME. DO NOT BEND PAST THE OUTSIDE FACE TO AVOID DEFORMING THE FACE.

NOTE: USING PLIERS TO BREAK OFF THE CORNER CLIP MAY RESULT IN DAMAGE TO THE FACE OF FRAME

MASONRY KD 4” FACE HEAD

Ⓛ



MASONRY KD DOUBLE EGRESS FRAME

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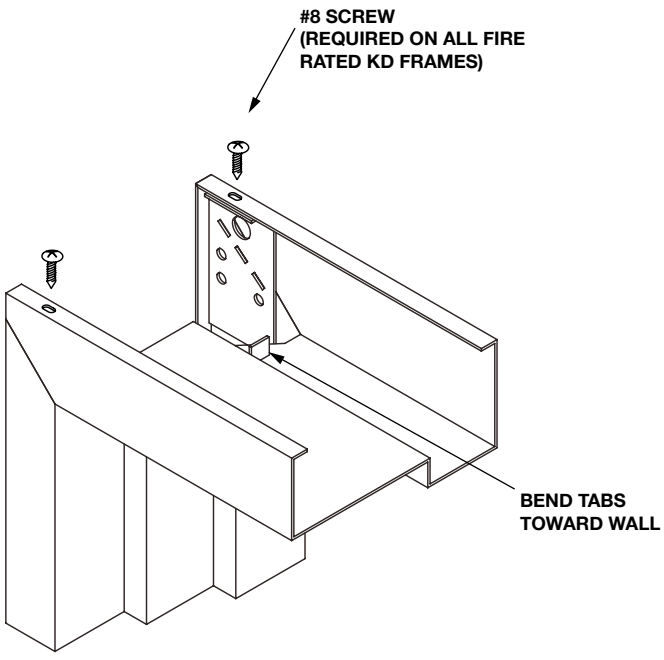
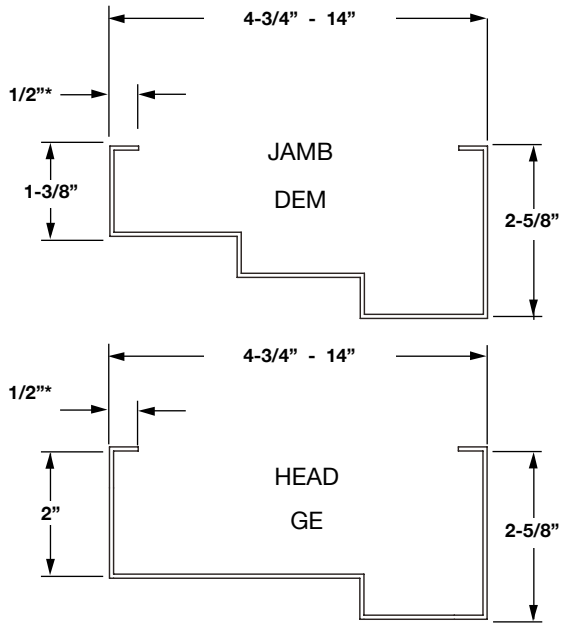
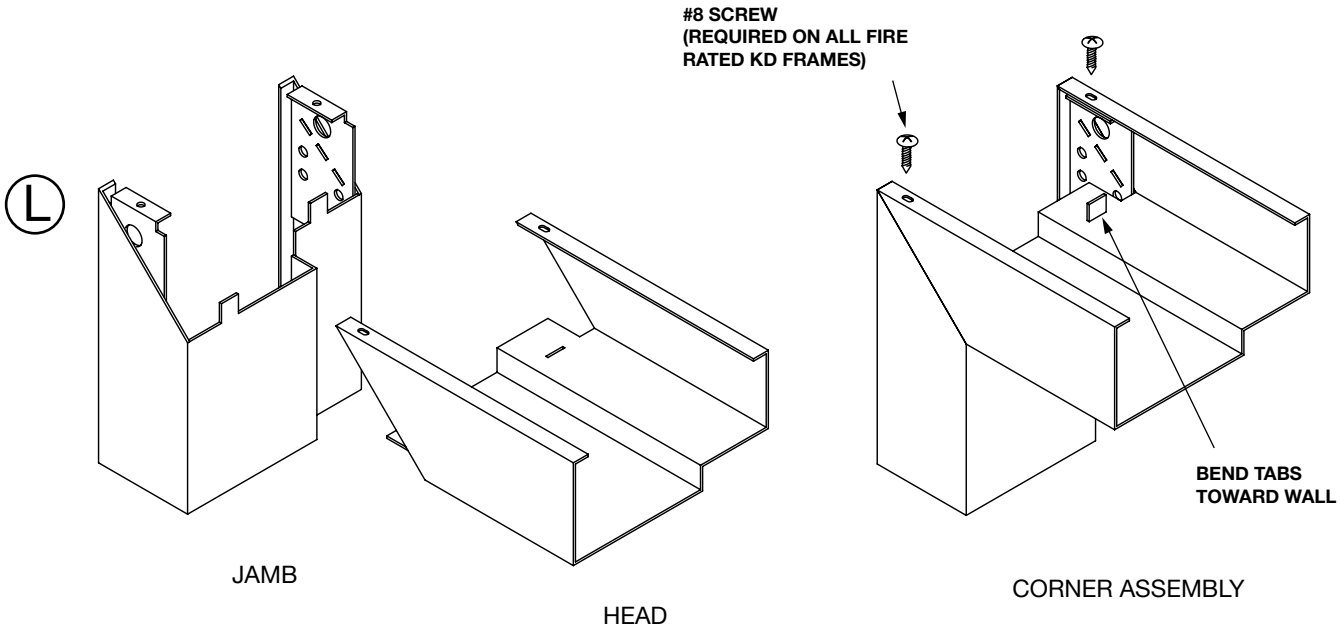




** 5-3/4” JAMB DEPTH HAS 7/16” RETURN*

MASONRY KD "G" PROFILE - CORNER DETAILS



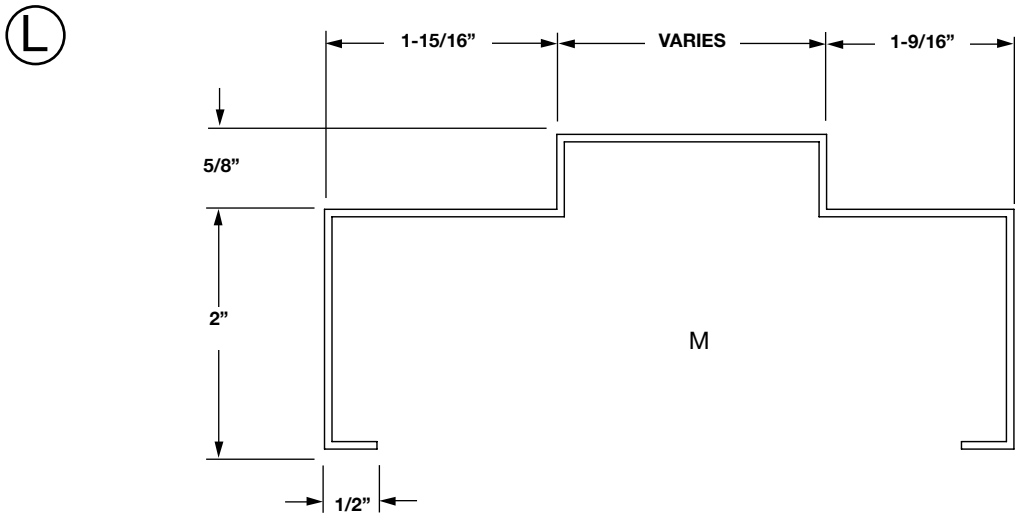
JAMB

HEAD

CORNER ASSEMBLY

MASONRY KD 2" FACE FLUSH FRAME UNEQUAL RABBET

KD "M" TYPE FLUSH
GAUGE - 18 GA., 16 GA., 14 GA.
VARIABLE SOFFIT
JAMB DEPTH 4-1/2" THRU 14" (1/8" INCREMENTS)
AVAILABLE WITH 4" FACE HEADS



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

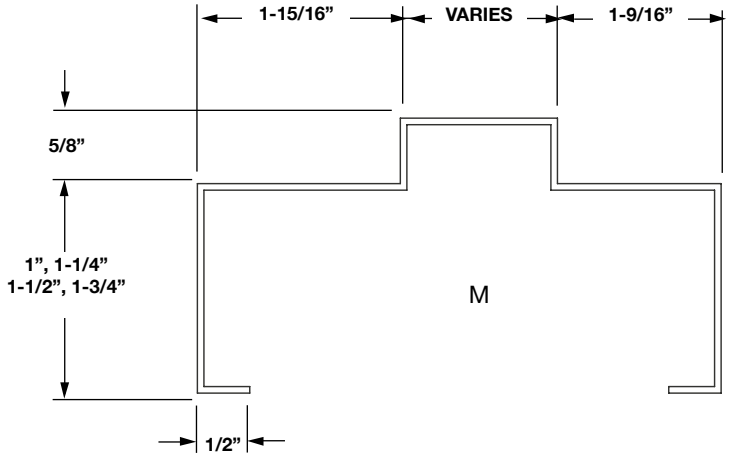
RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.

NOTE: 5-3/4" JAMB DEPTH STANDARD WITH 7/16" RETURNS TO PROVIDE 4-7/8" THROAT OPENING

MASONRY 1”, 1-1/4”, 1-1/2”, 1-3/4”, FACE FLUSH KD FRAME UNEQUAL RABBET

KD “M” TYPE FLUSH
GAUGE - 18 GA., 16 GA., 14 GA.
VARIABLE SOFFIT
JAMB DEPTH 4-1/2” THRU 14” (1/8” INCREMENTS)
NOT AVAILABLE WITH 4” FACE HEADS
NOTE: WHEN CCW MATERIAL IS USED IN CONJUNCTION WITH ABOVE, COORDINATE RABBET AND FACE DIMENSIONS 5-3/4” JAMB DEPTH STANDARD WITH 7/16” RETURNS TO PROVIDE 4-7/8” THROAT OPENING.

L



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

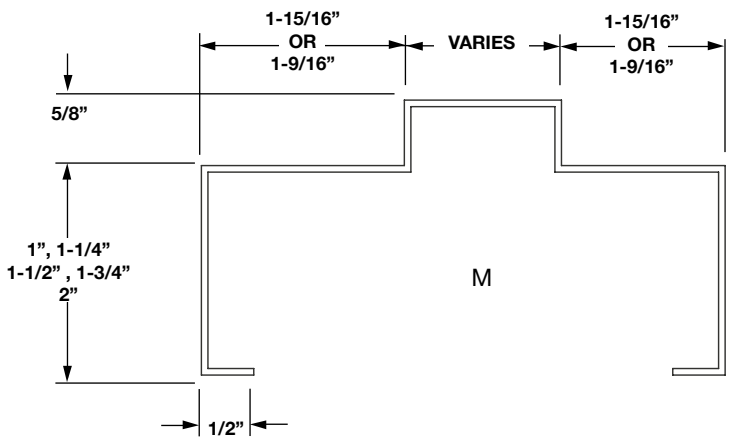
OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.

MASONRY FLUSH KD FRAME EQUAL RABBET

KD “M” TYPE FLUSH
GAUGE - 18 GA., 16 GA., 14 GA.
VARIABLE SOFFIT
JAMB DEPTH 4-7/8” THRU 14” (1/8” INCREMENTS)
AVAILABLE WITH 4” FACE HEADS WITH 2” FACE JAMBS ONLY
NOTE: WHEN CCW MATERIAL IS USED IN CONJUNCTION WITH ABOVE, COORDINATE RABBET AND FACE DIMENSIONS. 5-3/4” JAMB DEPTH STANDARD WITH 7/16” RETURNS TO PROVIDE 4-7/8” THROAT OPENING.

L



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.

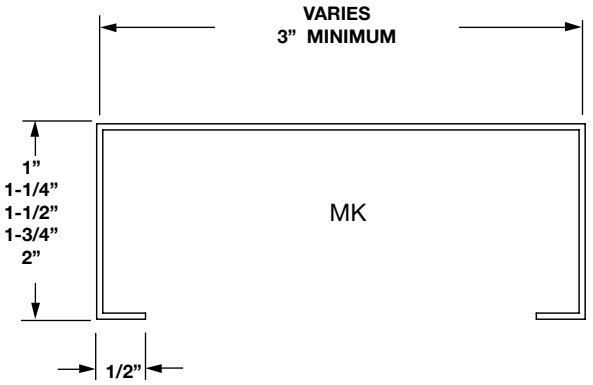
MASONRY FACE FLUSH KD FRAME CASED OPENING

KD “MK” TYPE FLUSH
GAUGE - 18 GA., 16 GA., 14 GA.
JAMB DEPTH 3” THRU 14” (1/8” INCREMENTS)

NOTE: AVAILABLE WITH 4” FACE HEAD WITH 4-1/2” MINIMUM JAMB DEPTH 5-3/4” JAMB DEPTH STANDARD WITH 7/16” RETURNS TO PROVIDE 4-7/8” THROAT OPENING.

*TOTAL DOOR ONLY MAY BE LABELED

Ⓛ*



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8"
INCREMENTS

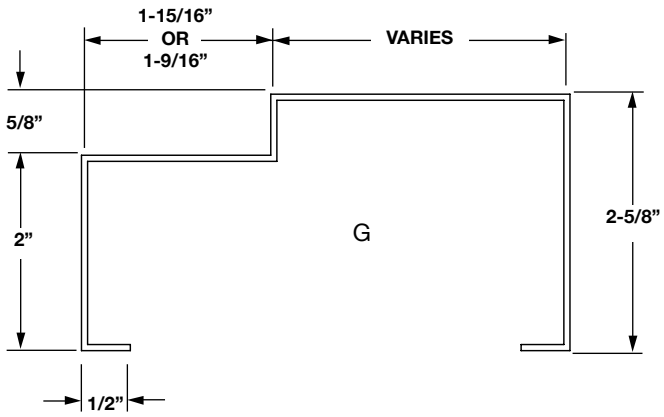
OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

MASONRY FLUSH KD “G” PROFILE FRAME

KD “G” TYPE FLUSH
GAUGE - 18 GA., 16 GA., 14 GA.
JAMB DEPTH 3” THRU 14” (1/8” INCREMENTS)
MIN. 4” JAMB DEPTH FOR LABELED FRAME WITH 1-15/16” RABBET AND
3-1/4” JAMB DEPTH FOR 1-9/16” RABBET.

NOTE: 2” AND 2-5/8” FACE ON JAMBS AVAILABLE WITH 4” FACE HEAD WITH 4-1/2” MINIMUM JAMB DEPTH. 5-3/4” JAMB DEPTH STANDARD WITH 7/16” RETURNS TO PROVIDE 4-7/8” THROAT OPENING.

Ⓛ



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8"
INCREMENTS

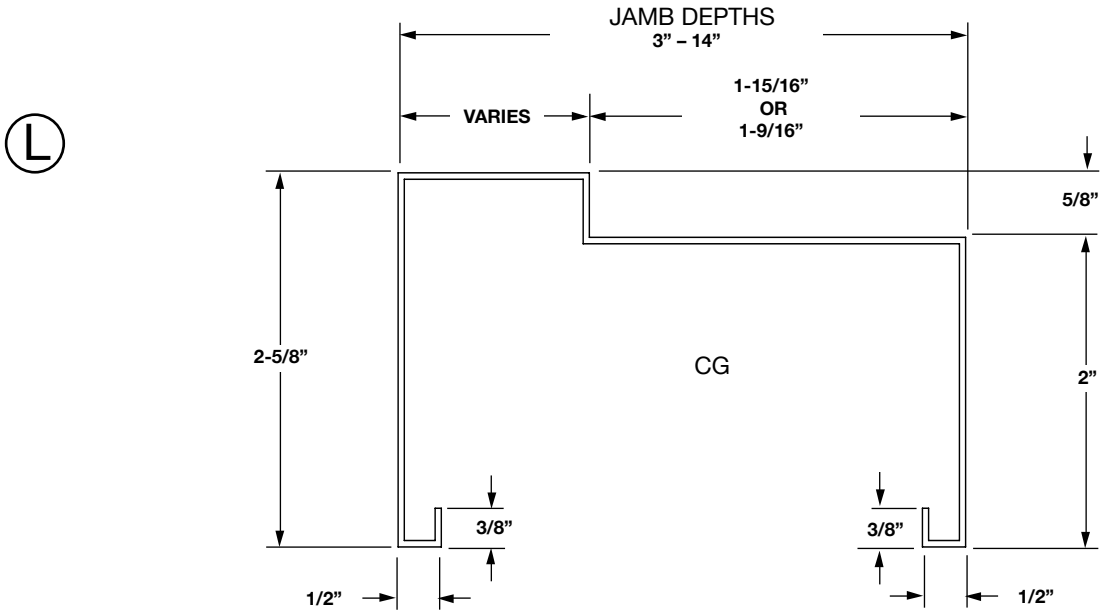
OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.

DRYWALL CG PROFILES

OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS
OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.
** ABOVE NOTES DO NOT APPLY TO CG FRAMES WITH COMPRESSION ANCHORS.*

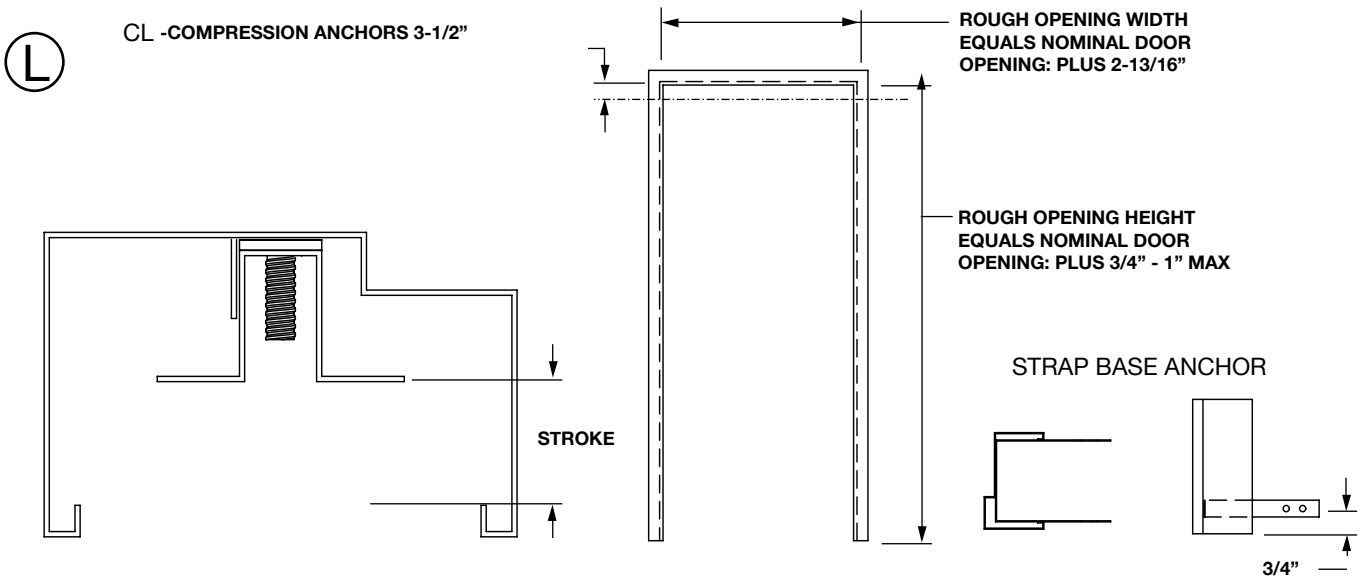


GAUGE - 18 GA., 16 GA.

NOTE: AVAILABLE WITH 4" FACE HEAD WITH 4-1/2" MINIMUM JAMB DEPTH

COMPRESSION ANCHOR SYSTEM NARROW JAMB DEPTH

CG PROFILE *
1-3/8" DOOR - 3"JAMB DEPTH
1-3/4" DOOR - 3", 3-1/8", 3-1/4", 3-3/8" JAMB DEPTH

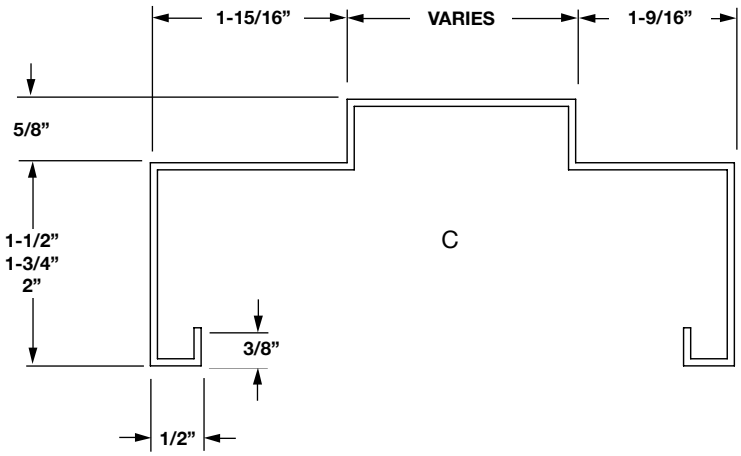


* "CG" PROFILE JAMB DEPTHS NOT LISTED ABOVE USE STD. DRYWALL ROUGH OPENING DIMENSIONS

DRYWALL KD FRAME UNEQUAL RABBET

KD DRYWALL
GAUGE - 18 GA., 16 GA., 14 GA.*
UNEQUAL RABBET
JAMB DEPTH 4-1/2" THRU 14" (1/8" INCREMENTS)
2" FACE AVAILABLE WITH 4" HEADS
NOTE: 14 GA. AVAILABLE WITH 2" FACE ONLY

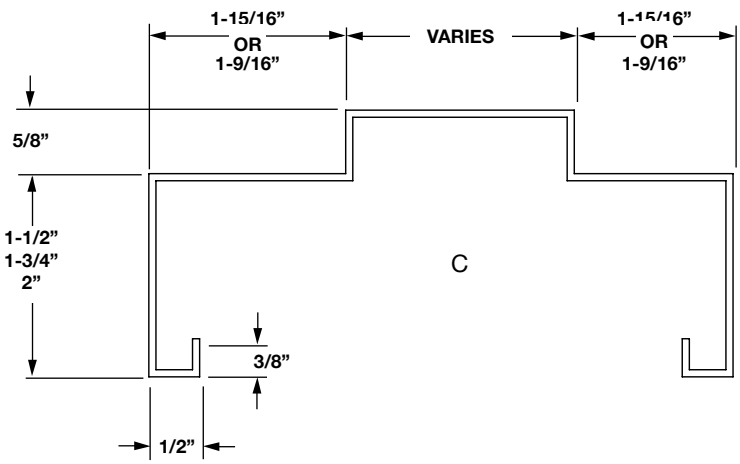
Ⓛ



DRYWALL KD FRAME EQUAL RABBET

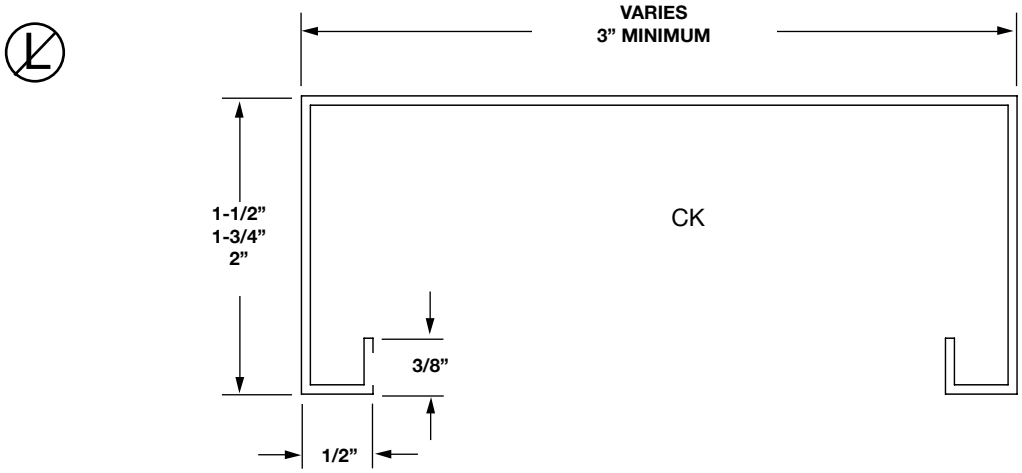
KD DRYWALL
GAUGE - 18 GA., 16 GA., 14 GA.*
UNEQUAL RABBET
JAMB DEPTH 4-7/8" THRU 14" (1/8" INCREMENTS)
2" FACE AVAILABLE WITH 4" HEADS
AVAILABLE IN COMMUNICATING FRAMES
NOTE: 14 GA. AVAILABLE WITH 2" FACE ONLY

Ⓛ



DRYWALL KD FRAME CASED OPENING

KD DRYWALL
GAUGE - 18 GA., 16 GA., 14 GA.
JAMB DEPTH 3” THRU 14” (1/8” INCREMENTS)
14 GA. AVAILABLE W/2” FACE ONLY



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

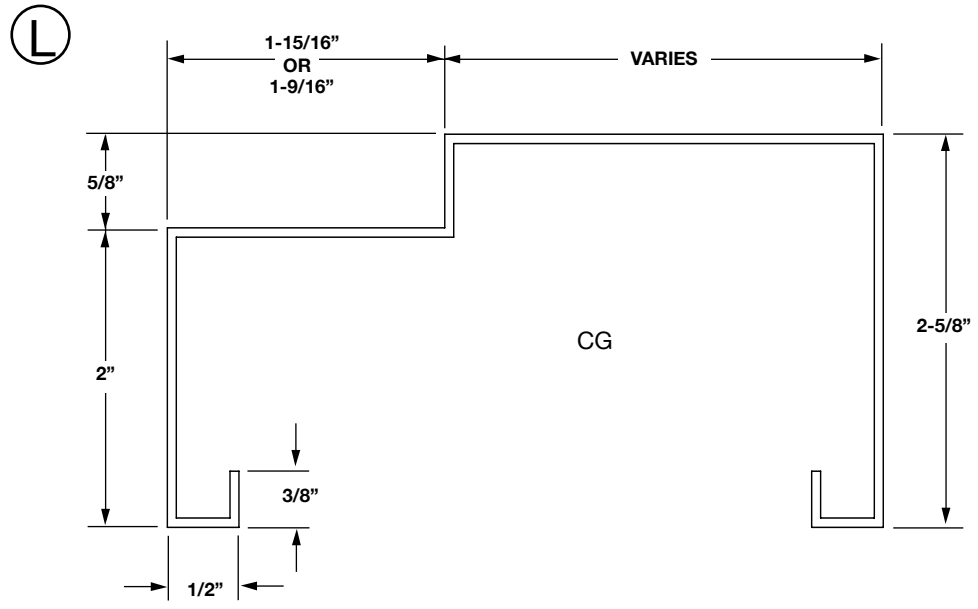
OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

** ABOVE NOTES DO NOT APPLY TO CK FRAMES WITH COMPRESSION ANCHORS*

NOTE: AVAILABLE WITH 4” FACE HEAD WITH 4-1/2” MINIMUM JAMB DEPTH WITH 2” FACE JAMBS ONLY.

DRYWALL KD “CG” PROFILE FRAME

KD “CG” PROFILE DRYWALL
GAUGE - 18 GA., 16 GA.
JAMB DEPTH 3” THRU 14” (1/8” INCREMENTS)
NOTE: 2” AND 2-5/8” FACE ONLY



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

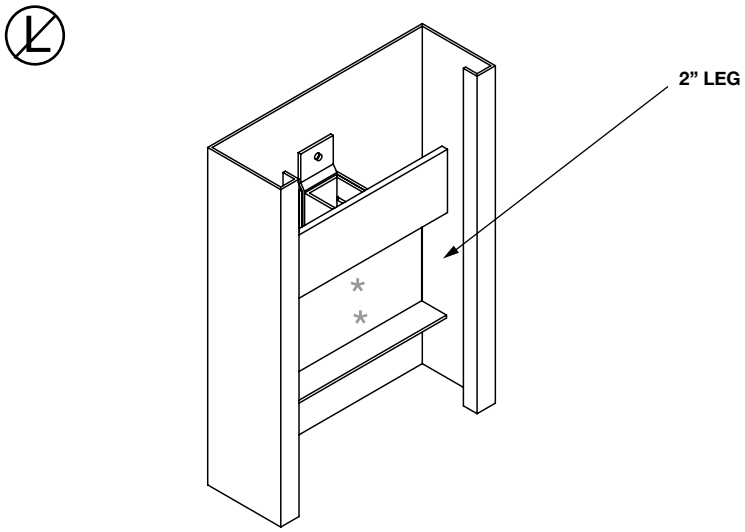
OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

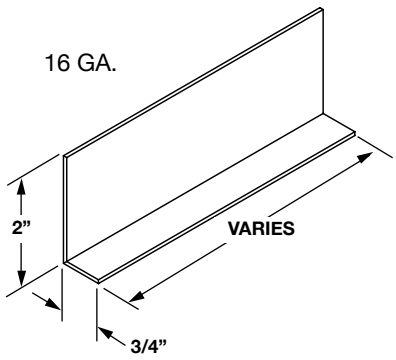
RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.

** ABOVE NOTES DO NOT APPLY TO CG FRAMES WITH COMPRESSION ANCHORS*

DRYWALL CASED OPENING COMPRESSION ANCHOR

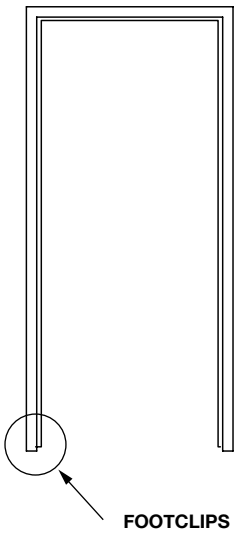
STIFFENER PART NUMBER: P0093

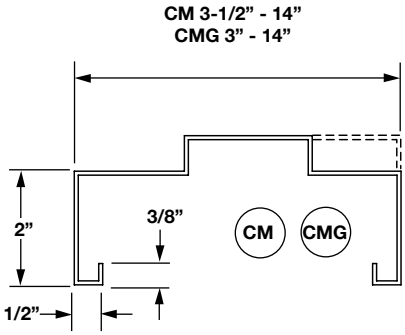




NOTE: STIFFENER ADDED TO PREVENT DISTORTION OF FRAME WHEN TIGHTENING ANCHOR

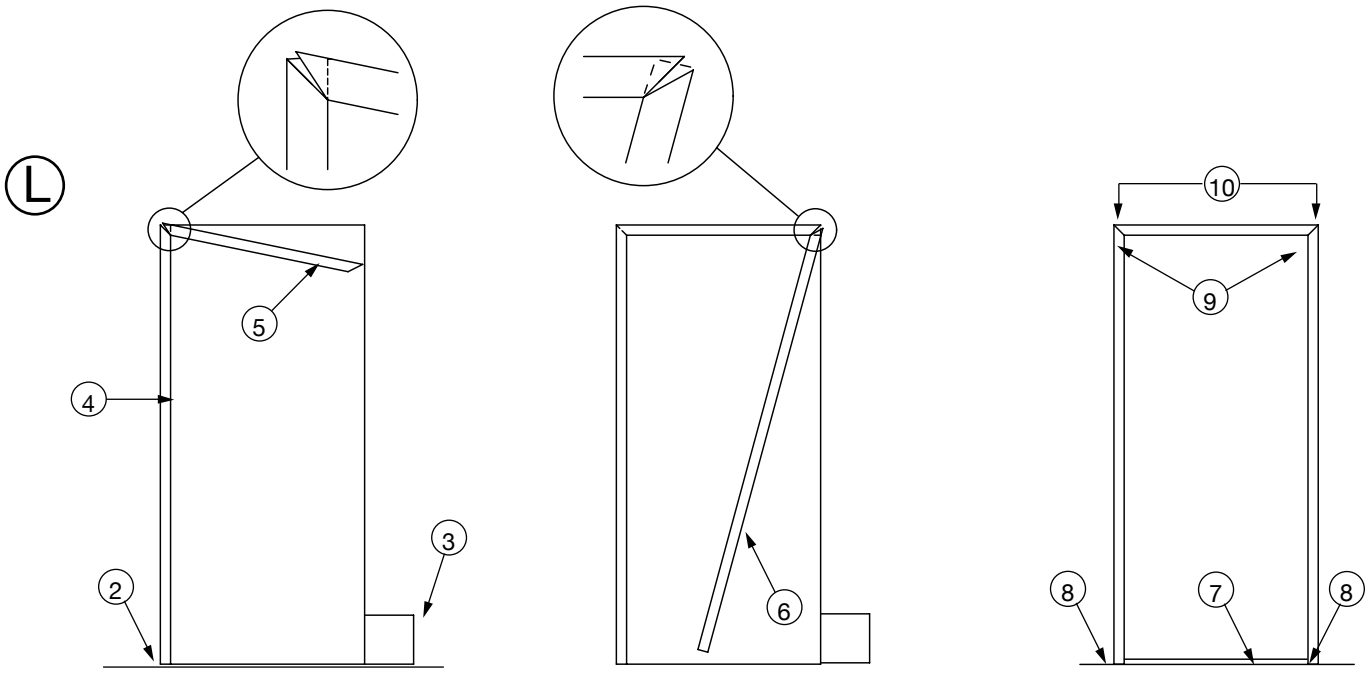
CM PROFILE FRAMES





CM PROFILE FRAMES DO NOT HAVE THE COMPRESSION BAR NOR BASE ANCHORS. THEY DO HAVE FOOTCLIPS WELDED IN AND CAN BE FURNISHED WITH LOOSE DRYWALL ANCHORS, WELDED IN ANCHORS ARE OPTIONAL. SAME K.D. CORNER CAPABILITIES AS THE C FRAME.

DRYWALL KD FRAME ("C" PROFILE) INSTALLATION INSTRUCTIONS



1. CONSTRUCT WALL WITH ROUGH OPENING HEIGHT EQUAL TO FINISHED OPENING HEIGHT PLUS 3/4" TO 1" MAX., ROUGH OPENING WIDTH IS AS FOLLOWS:
   - A) FOR 2" FACE FRAMES-OPENING WIDTH PLUS 2-1/8" TO 2-3/8"
   - B) FOR 1-3/4" AND 1-1/2" FACE FRAMES-OPENING WIDTH PLUS 1-7/8" TO 2". IT IS CRITICAL THAT 1-1/2" FACE FRAMES BE HELD WITHIN THIS RANGE; THEY ALLOW FOR NO TOLERANCE.
   - C) FOR "C" AND "CG" PROFILES, 3" JAMB DEPTH 1-9/16" RABBET AND 3", 3-1/8", 3-1/4" AND 3-3/8" JAMB DEPTH 1-15/16" RABBET FRAMES-OPENING WIDTH PLUS 2-13/16", ALL OTHER "C" AND "CG" PROFILE FRAMES-OPENING WIDTH PLUS 2-1/8" TO 2-3/8"
   - D) FOR 2" FACE CASED OPENING - OPENING WIDTH PLUS 2-1/4"

2. BOTTOM OF FRAME MUST SET ON A SOLID SURFACE.

3. IF WRAP-AROUND BASE ANCHOR IS USED, NOTCH DRYWALL IN THAT AREA.

4. RETRACT COMPRESSION BARS IN THE JAMBS BY TURNING SCREWS COUNTER CLOCKWISE AND INSTALL ONE JAMB IN POSITION ON WALL.

5. INSERT FRAME HEAD UNDER THE CORNER CLIPS OF THE JAMB AND RAISE INTO POSITION.

6. INSERT THE CORNER CLIPS OF THE REMAINING JAMB INTO THE OPPOSITE END OF THE HEAD AND POSITION JAMB ON WALL.

7. LOCATE A REMOVABLE FRAME SPACING BAR AT BASE OF CENTERED FRAME TO MAINTAIN PROPER OPENING WIDTH DURING INSTALLATION.

8. LEVEL, SQUARE AND PLUMB FRAME AND INSTALL BASE ANCHOR SCREWS THROUGH COUNTERSINK HOLES IN FRAME FACE AND INTO FLOOR PLATE.

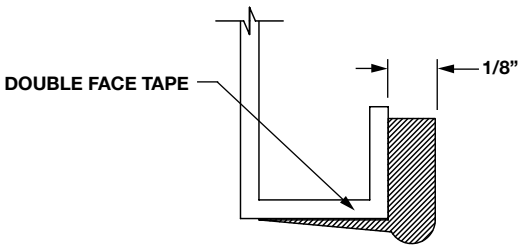
9. SQUARE TOP OF FRAME AND TIGHTEN COMPRESSION BARS BY TURNING SCREWS CLOCKWISE. (DO NOT OVERTIGHTEN).

10. INSTALL (4) NO. 8 X 1/2" SHEET METAL SCREWS AT THE CORNERS OF THE HEAD TO ATTACH HEAD TO JAMBS (REQUIRED FOR FIRE RATED FRAMES).

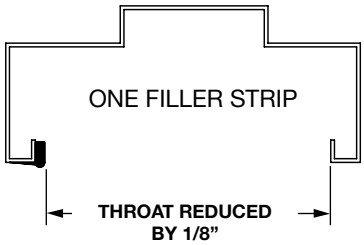
THROAT FILLER FOR DRYWALL FRAMES

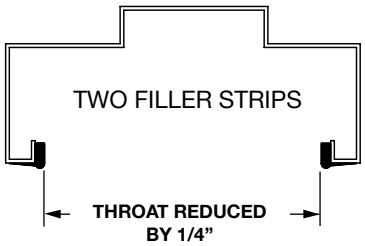
INSTALLATION

1. FOR BEST RESULTS INSTALL FRAME IN OPENING FIRST. DO NOT TIGHTEN COMPRESSION ANCHORS.
2. CUT JAMB FILLER STRIPS TO OVERALL LENGTH OF JAMB BACKBEND. CUT HEAD FILLER STRIP 1" UNDER OVERALL LENGTH OF HEAD BACKBEND.
3. REMOVE PROTECTIVE FILM FROM ADHESIVE TAPE AND APPLY FILLER STRIPS TO FRAME BACKBENDS WITH 1/8" THICK LEG BETWEEN BACKBEND RETURN AND WALL. APPLY PRESSURE TO SEAT FIRMLY.
4. SQUARE FRAME, TIGHTEN COMPRESSION ANCHORS, INSTALL BASE ANCHORS AND RESEAT FILLER STRIPS IF NECESSARY.



FULL SIZE

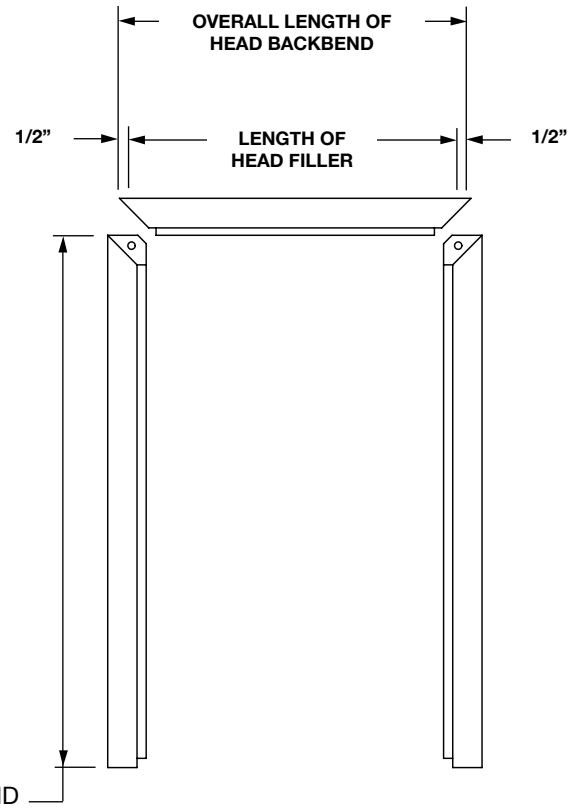




THROAT FILLER STRIPS ARE MADE OF WHITE RIGID PVC WITH RESILIENT DOUBLE FACE TAPE FOR APPLICATION TO THE FRAME BACKBEND OR AFTER THE FRAME HAS BEEN INSTALLED.

SUPPLIED IN LENGTHS OF 7 FT. 3 IN. TO ACCOMMODATE MOST JAMB HEIGHTS WITH A CONTINUOUS STRIP.

NOTE: THROAT FILLER IS NOT ALLOWED ON LABEL FRAMES



SLIP-ON “N” PROFILE DOOR FRAME

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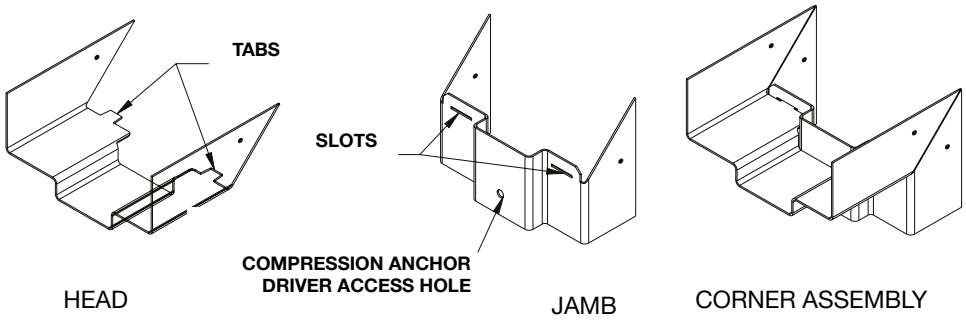
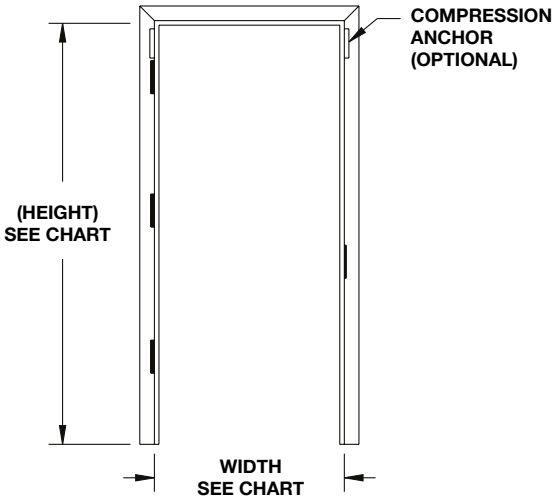
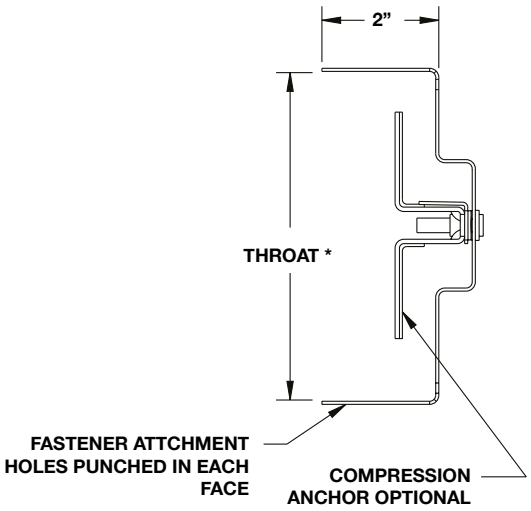


HEAD JAMB CORNER ASSEMBLY

N PROFILE STANDARD WILL BE COMPRESSION ANCHORS AND NAIL HOLES ON BOTH SIDES.
NM PROFILE WILL NOT HAVE COMPRESSION ANCHORS. ANCHORS (WELDED IN ONLY) AND NAIL HOLES NEED TO BE SPECIFIED.



** ORDER USING JAMB DEPTH*
JAMB DEPTH = THROAT DIMENSION +1/8



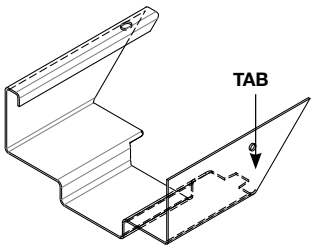
SPECIFICATIONS:
MAXIMUM SINGLE – 4’0” W X 9’-0” H
MAXIMUM PAIR – 8’0” W X 9’0” H (NO DOUBLE EGRESS)
THROAT – 3-3/4” MIN TO 13” MAX 3F ONLY.
SINGLE AND DOUBLE RABBET ONLY (NO KERF)
GAUGE: 16 GA. MIN, 14 GA MAX
MATERIAL: COLD ROLLED OR GALVANNEALED STEEL
ATTACHMENT HOLES: HOLES ARE LOCATED AT 16” MAX SPACING AND 2” MAX FROM ENDS.

FIRE LABEL NOTES:
WOOD TRIM SHALL BE APPLIED TO FRAME FACES WITH A FIRE LISTED CONTACT ADHESIVE AND /OR FAST CAP 2P-10 ADHESIVE. WOOD TRIM MUST BE HELD BACK FROM THE CORNER OF THE FRAME FACE (CLOSEST TO THE DOOR RABBET) APPROXIMATELY 1/4” - 3/8” .

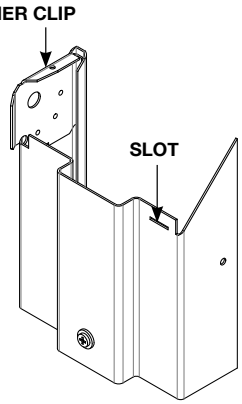
SLIP-ON HYBRID DRYWALL DOOR FRAME

90 MINUTE MAXIMUM RATING
(INTERTEK ONLY)

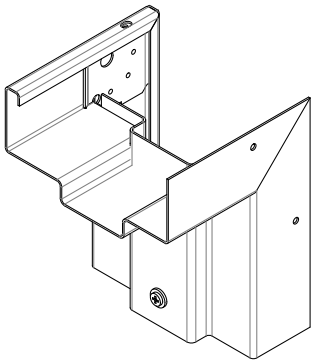
Ⓛ



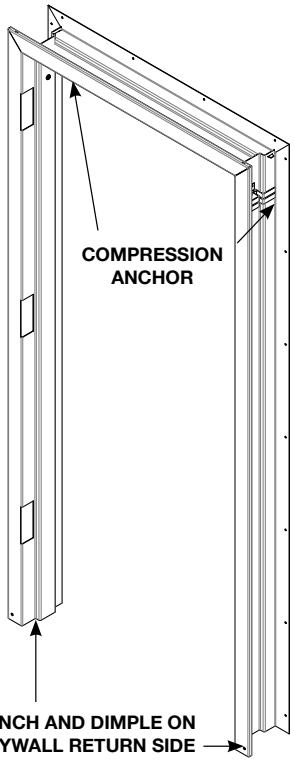
HEAD

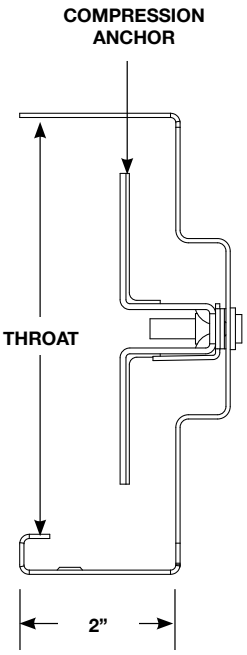


JAMB



CORNER
ASSEMBLY

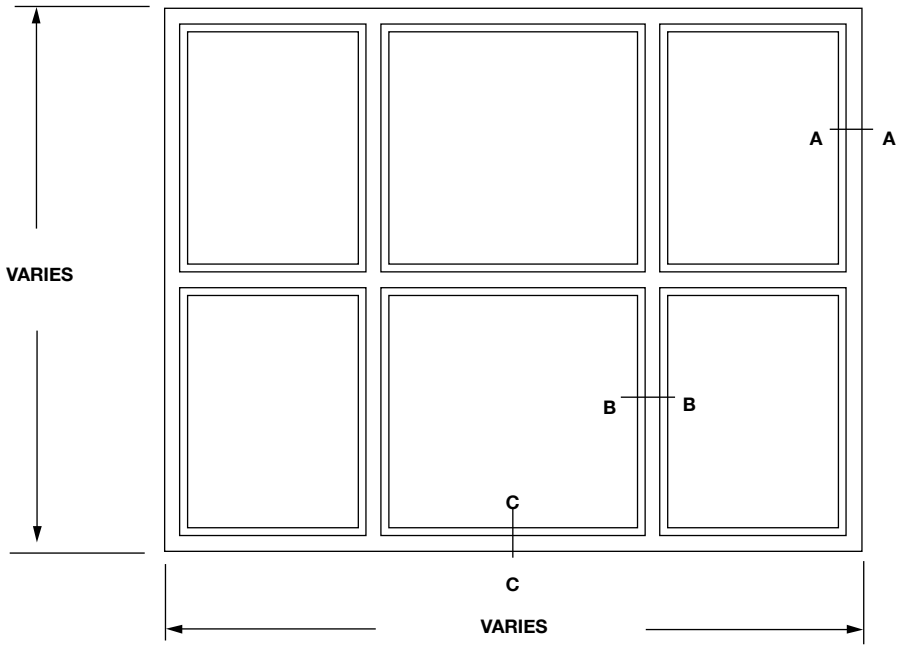




SPECIFICATIONS:

MAXIMUM SINGLE – 4’0” W X 9’-0” H
MAXIMUM PAIR – 8’0” W X 9’0” H (NO DOUBLE EGRESS)
THROAT – 3-3/4” MIN TO 13” MAX 3F ONLY.
SINGLE AND DOUBLE RABBET ONLY (NO KERF)
GAUGE: 16 GA. MIN, 14 GA MAX
MATERIAL: COLD ROLLED OR GALVANNEALED STEEL
ATTACHMENT HOLES: HOLES ON THE “NO RETURN” SIDE LOCATED AT 16” MAX SPACING AND 2” MAX FROM ENDS.

NON-RATED BORROWED LIGHT FRAMES



GENERAL NOTES:

1) FACE SIZES MAY BE VARIABLE FOR DIFFERENT FRAME COMPONENTS
2) PROFILES MAY BE VARIABLE FOR CERTAIN FRAME MEMBERS
3) HEAD ANCHORS WILL BE PROVIDED FOR WIDTHS GREATER THAN 96"
4) SILL ANCHORS REQUIRED FOR HEIGHTS LESS THAN OR EQUAL TO 72"

CUSTOM FRAME PROFILES

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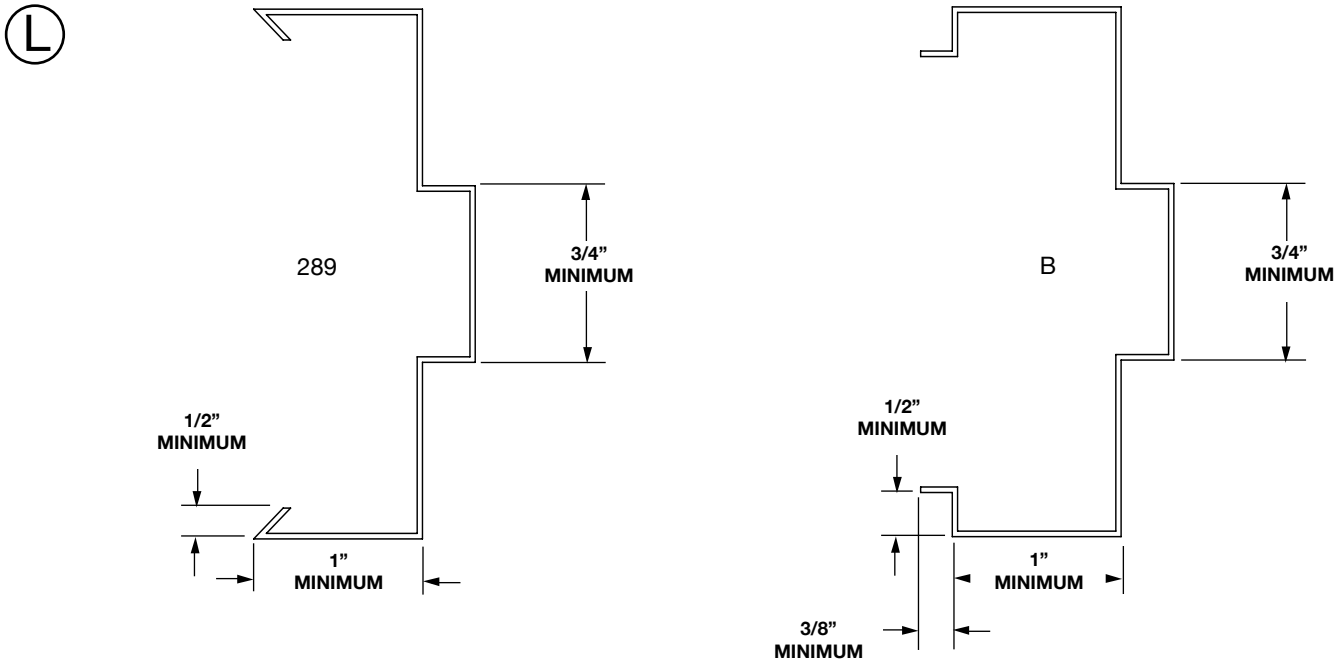
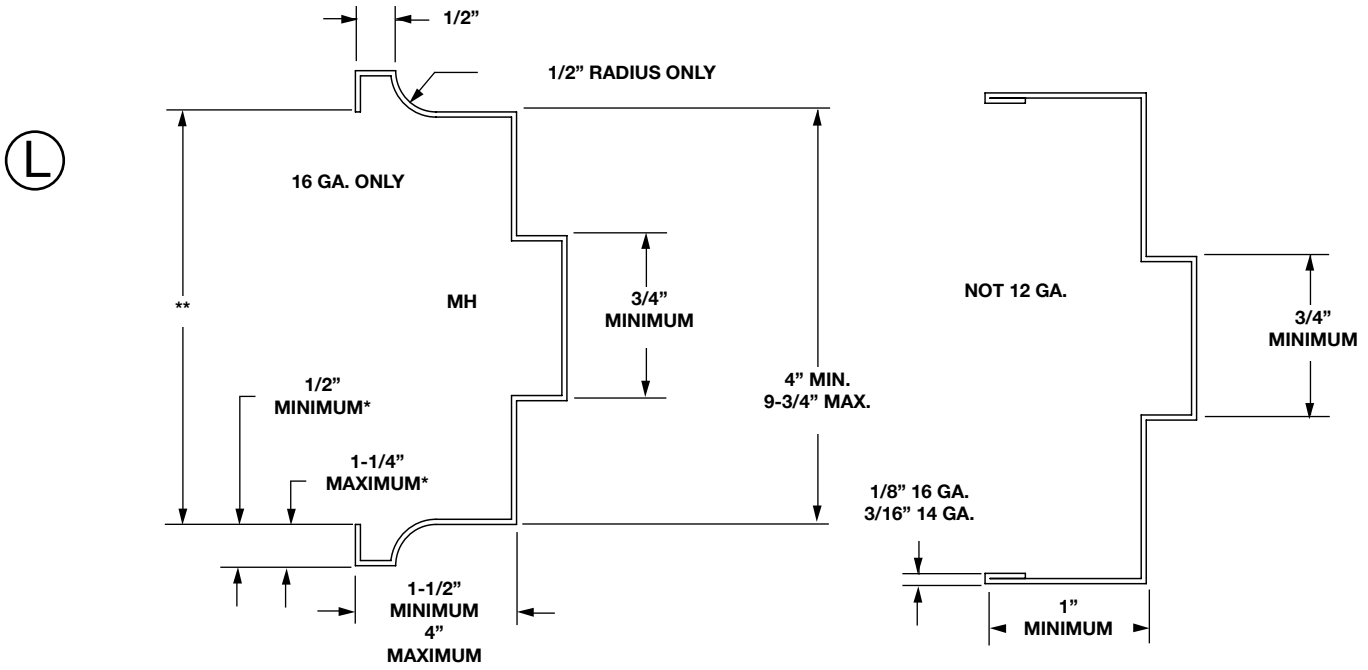
CONTACT FACTORY FOR CAPABILITIES

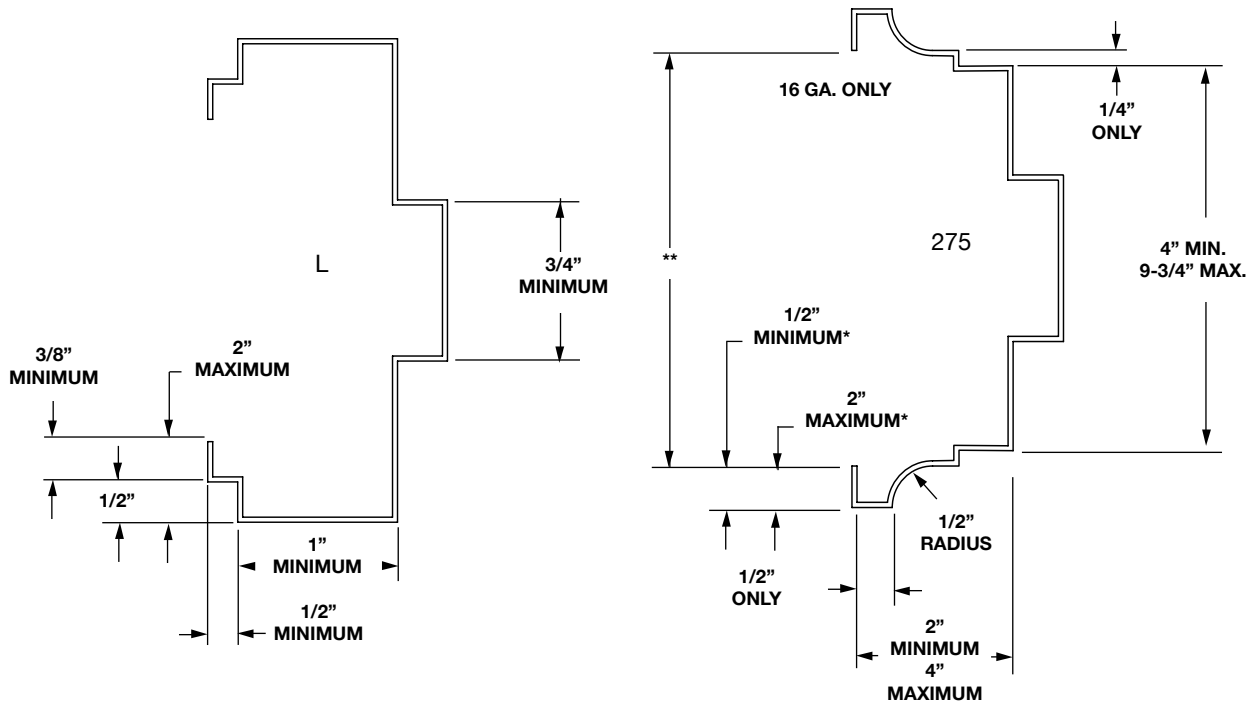


NOTE: FOR 12 GA. (2.6) CONTACT FACTORY

CUSTOM FRAME PROFILES



** NOTE: 1" STANDARD RETURNS*



*** JAMB DEPTH/THROAT OPENING ARE UNIQUE ON THESE PROFILES. CONTACT CUSTOMER SERVICE FOR PROFILE DRAWING.*

** NOTE: 1.125" STANDARD RETURNS*

COMMUNICATING FRAME

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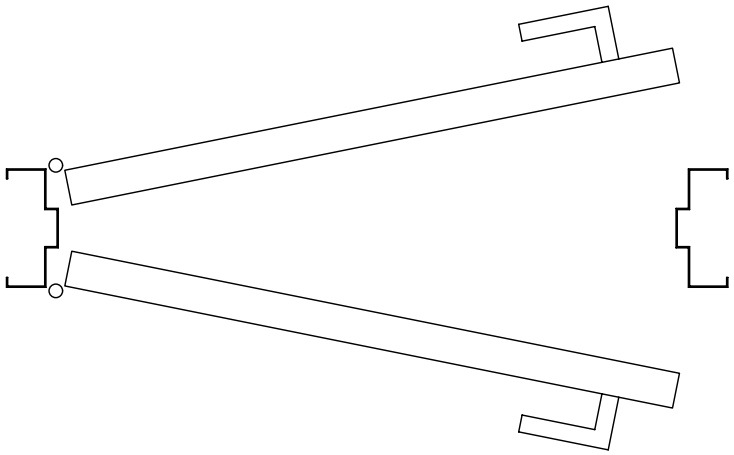

NOTE:
U.L. AND W.H.I. LABELED FRAMES MAY BE PROVIDED WITH COMPRESSION TYPE ANCHORING SYSTEM.

“M” PROFILE FLUSH K.D.

EQUAL RABBET
1-15/16” FOR 1-3/4” DOORS
4-7/8” THRU 14” JAMB DEPTH

UNEQUAL RABBET
1-15/16” X 1-9/16” FOR
4-1/2” THRU 14” JAMB DEPTH

“C” & “CM” PROFILE DRYWALL

EQUAL RABBET
1-15/16” FOR 1-3/4” DOORS
4-7/8” THRU 14” JAMB DEPTH

UNEQUAL RABBET
1-15/16” X 1-9/16” FOR
4-1/2” THRU 14” JAMB DEPTH

CURRISEAL FRAME FLUSH KD - WM - WG

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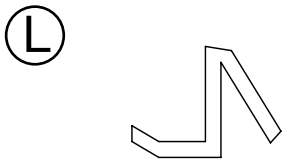
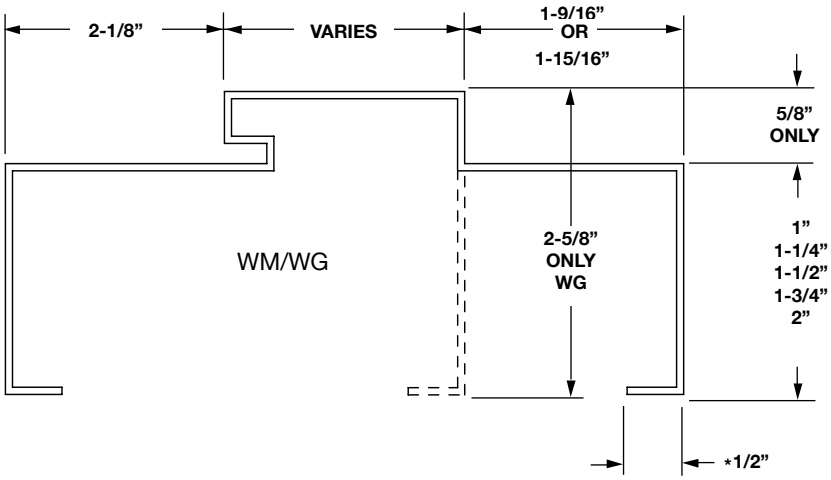
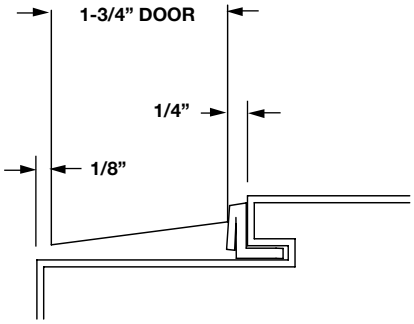


CURRISEAL
ACTUAL SIZE
COLOR: DARK BROWN

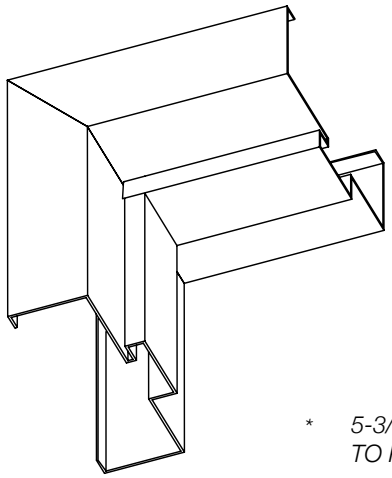




K.D. "M" TYPE FLUSH
GAUGE - 18 GA., 16 GA., 14 GA.
JAMB DEPTHS:
- DOUBLE RABBET (WM) 5-1/4" - 14" (1/8" INCREMENTS)
- SINGLE RABBET (WG) 4-1/8" - 14" (1/8" INCREMENTS)
AVAILABLE WITH 4" FACE HEADS
DOUBLE RABBET AVAILABLE IN COMMUNICATING FRAMES
WITH A 6-1/2" MIN. JAMB DEPTH

HARDWARE RESTRICTIONS
NOT RECOMMENDED
- CLOSERS WITH REMOVABLE STOPS
- VERTICAL ROD DEVICES WITH STRIKES MORTISED IN THE STOP
- STOP ACTIVATED VERTICAL ROD DEVICES

NOTE: SOFFIT MOUNTED SURFACE HARDWARE MAY REQUIRE +_ 1/8" (3.2) ADJUSTMENT OF MOUNTING HOLES TO ACCOMODATE WEATHERSTRIP AND ENSURE NORMAL DOOR OPERATION.



KD CORNER

* *5-3/4" JAMB DEPTH AVAILABLE WITH 7/16" RETURNS TO PROVIDE A 4-7/8" THROAT OPENING*

CURRISEAL FRAME IS DESIGNED FOR USE WITH THE CURRISEAL ONLY

CURRISEAL FRAME KD DRYWALL - WC - WCG

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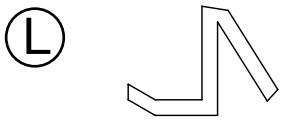
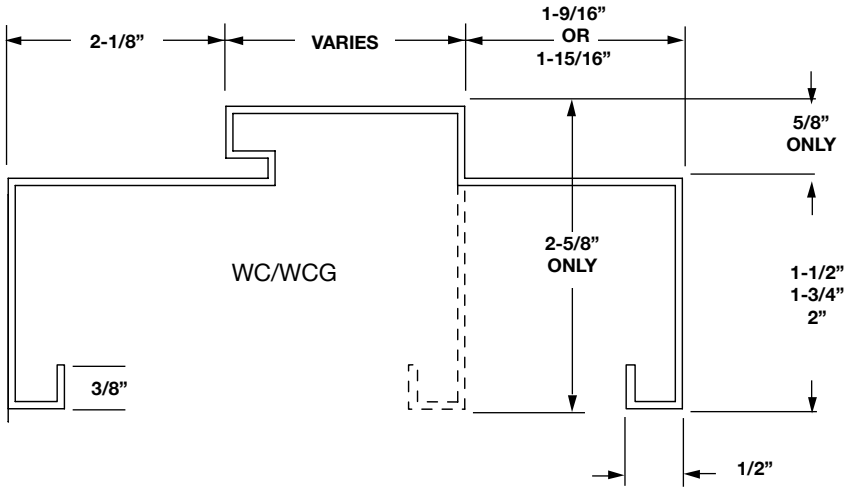
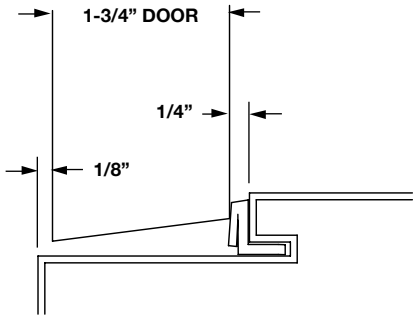
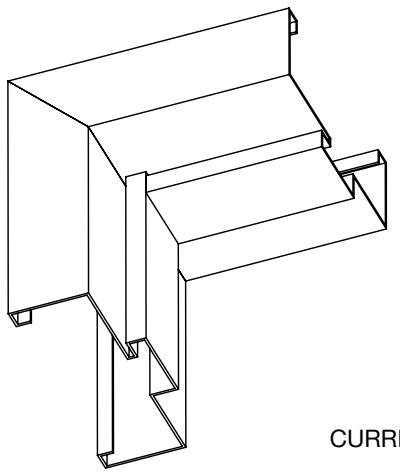


CURRISEAL
ACTUAL SIZE
COLOR: DARK BROWN







KD CORNER

K.D. “C” TYPE DRYWALL
GAUGE - 18 GA., 16 GA., 14 GA.
JAMB DEPTHS:
- DOUBLE RABBET (WC) 5-1/4” - 14” (1/8” INCREMENTS)
- SINGLE RABBET (WCG) 4-1/8” - 14” (1/8” INCREMENTS)
AVAILABLE WITH 4” FACE HEADS
DOUBLE RABBET AVAILABLE IN COMMUNICATING FRAMES
WITH A 6-1/2” MIN. JAMB DEPTH

HARDWARE RESTRICTIONS
NOT RECOMMENDED
- CLOSERS WITH REMOVABLE STOPS
- VERTICAL ROD DEVICES WITH STRIKES MORTISED IN THE STOP
- STOP ACTIVATED VERTICAL ROD DEVICES

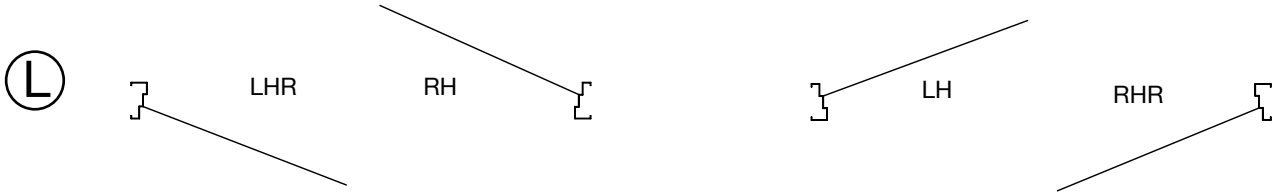
NOTE: SOFFIT MOUNTED SURFACE HARDWARE MAY REQUIRE +_ 1/8” ADJUSTMENT OF MOUNTING HOLES TO ACCOMODATE WEATHERSTRIP AND ENSURE NORMAL DOOR OPERATION.

CURRISEAL FRAME IS DESIGNED FOR USE WITH THE CURRISEAL ONLY

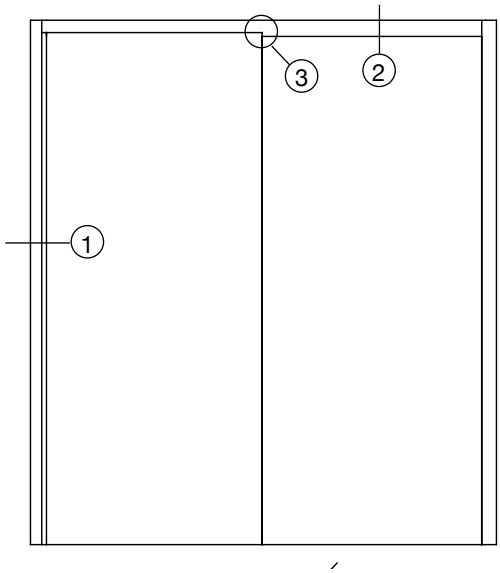
KD DOUBLE EGRESS FRAME STANDARDS

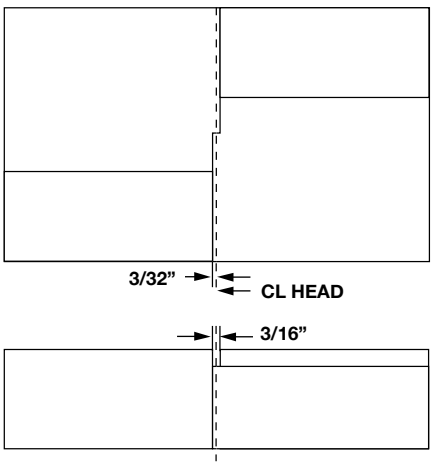
HANDING

M - FLUSH SERIES KD
C - DRYWALL KD NOT AVAILABLE

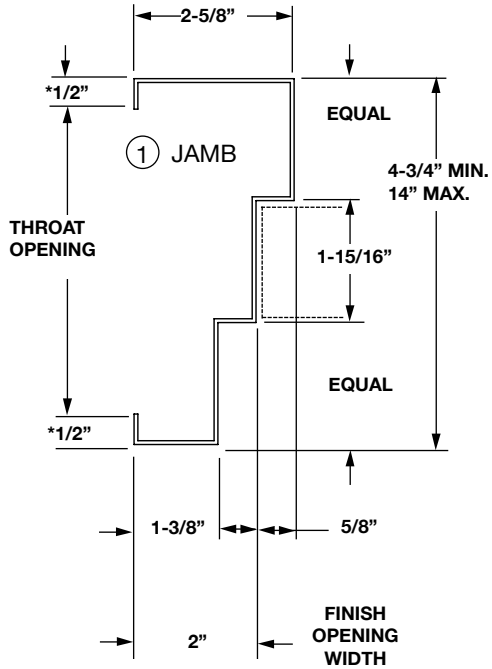


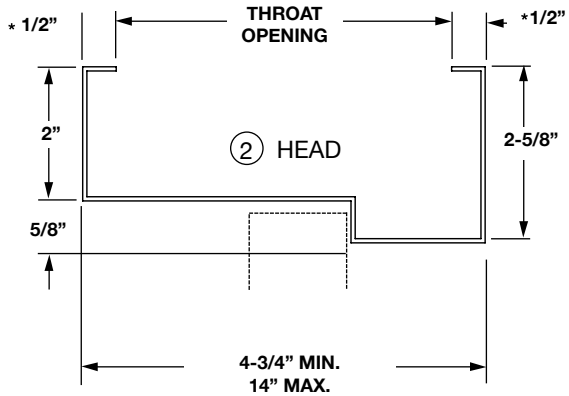
DOUBLE RIGHT HAND SWING
(STANDARD)





SOFFIT STOP IS HELD BACK 3/32" TO
PROVIDE PROPER DOOR CLEARANCE

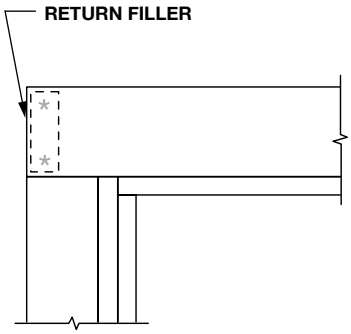


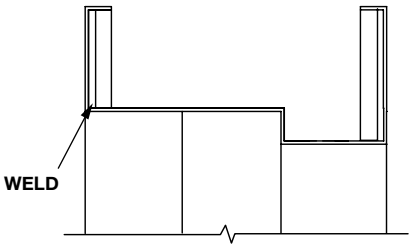


* 5-3/4" JAMB DEPTH HAS 7/16" RETURN 18, 16, 14 GA.
12 GA. 1/2" RETURN NO KD

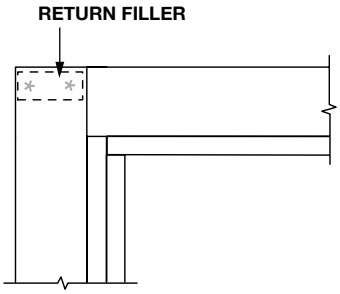
S.B.E. DOUBLE EGRESS FRAME CORNER JOINTS

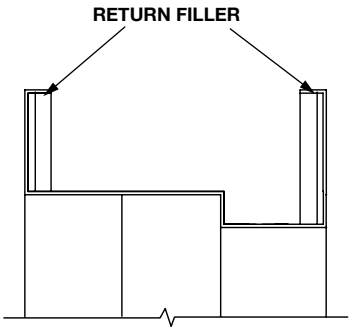
Ⓛ





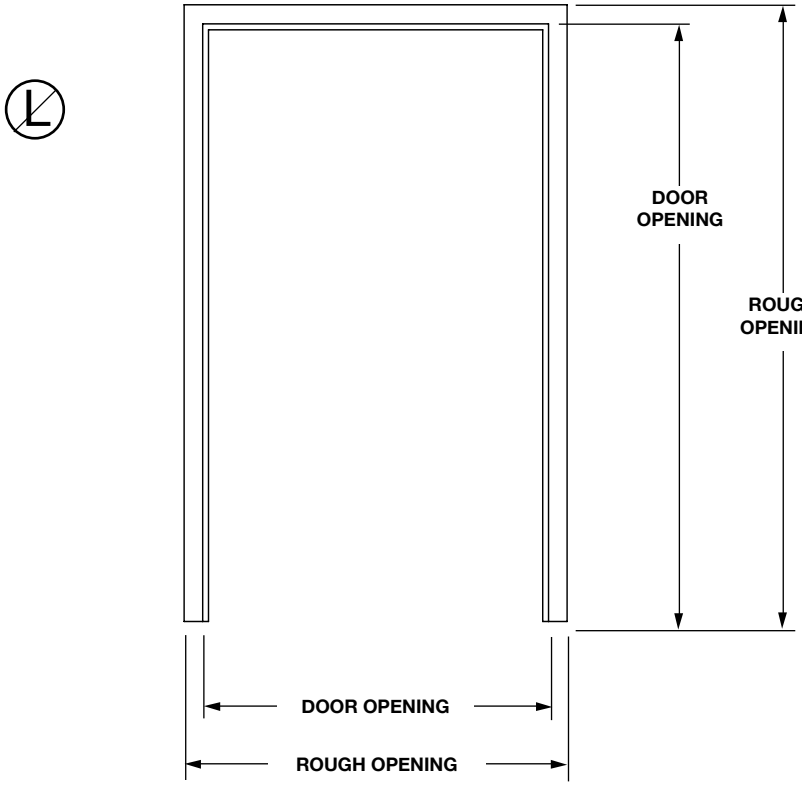
VERTICAL BUTT JOINT
(STANDARD)
WELDED &
GROUND SMOOTH



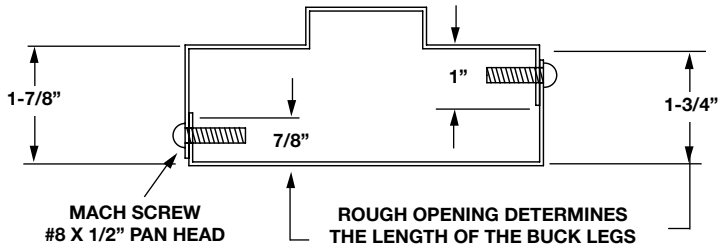


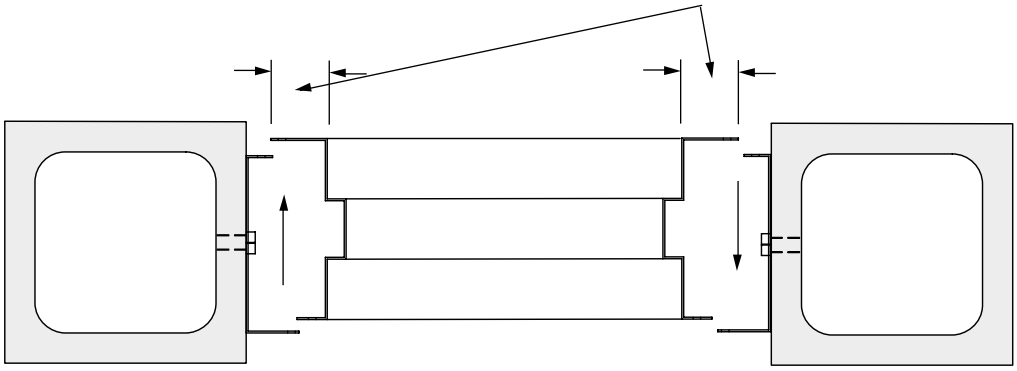
HORIZONTAL BUTT
JOINT
(OPTIONAL)
WELDED &
GROUND SMOOTH

CABINET JAMB FRAME



NOT U.L. LISTED
S.M.W. JAMB SECTION
BUCKS SHIP LOOSE SQUARE BUTT END
FIELD ASSEMBLED WITH SCREWS
OR WELDED





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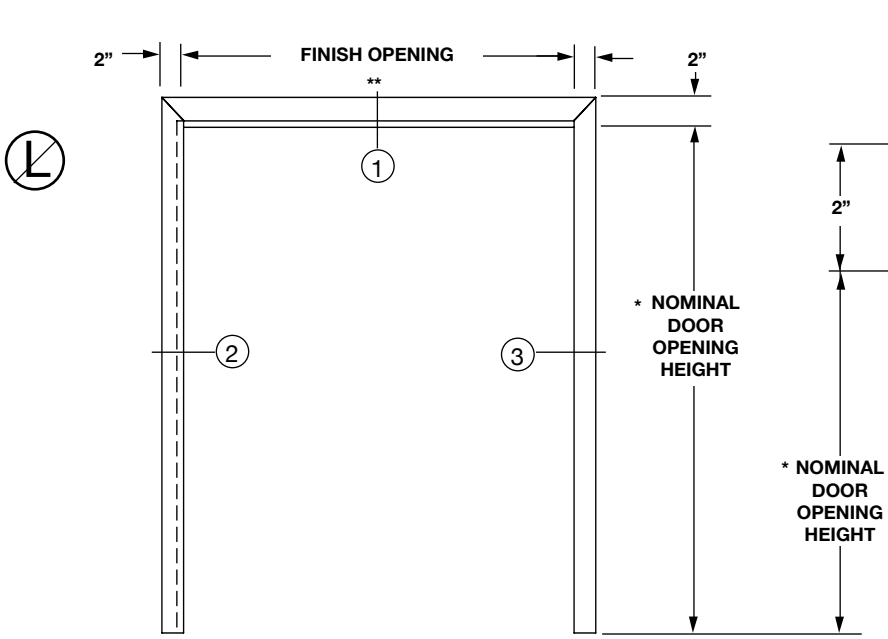
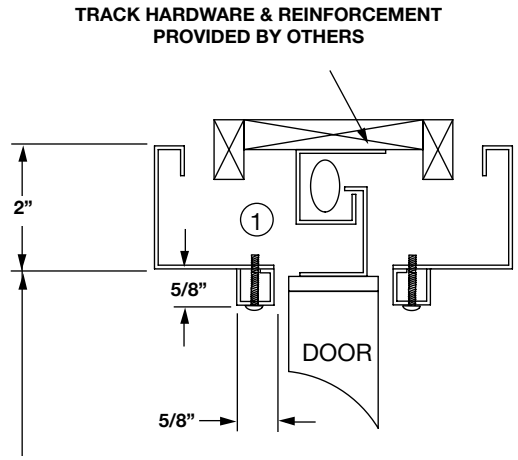
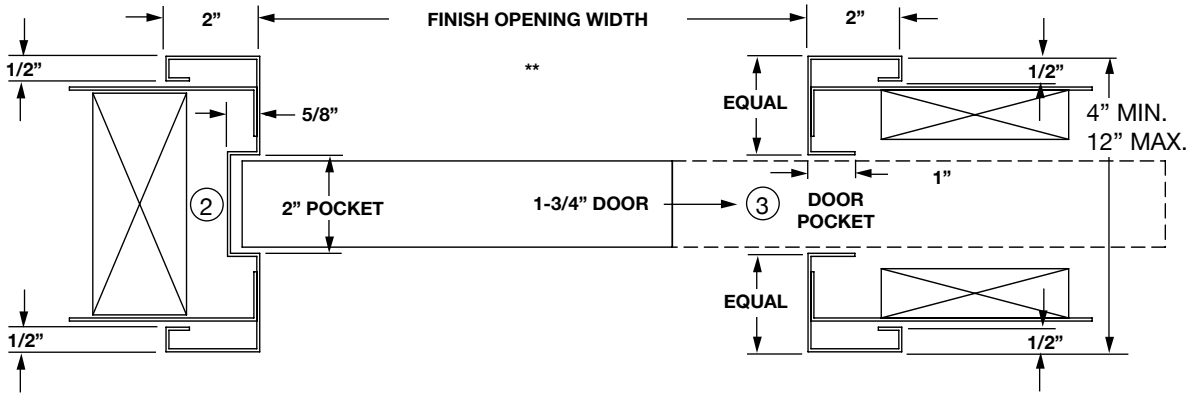
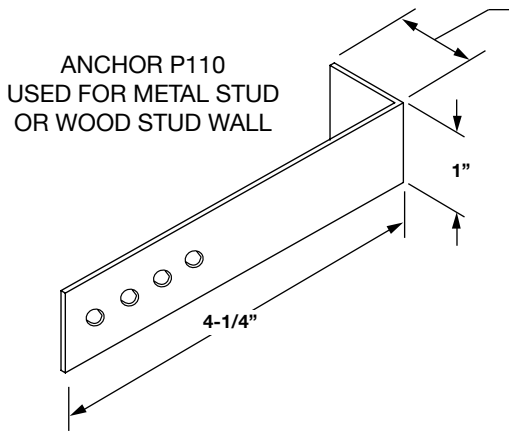
POCKET DOOR FRAME - STANDARD 1-3/4" DOOR SINGLE





VERIFY HARDWARE ADAPTABILITY
FRAME MUST BE INSTALLED AND
HARDWARE TRACK MUST BE HUNG PRIOR
TO FINISH WALL STUDS BEING SET.
AVAILABLE IN 18 GA. AND 16 GA. STEEL.



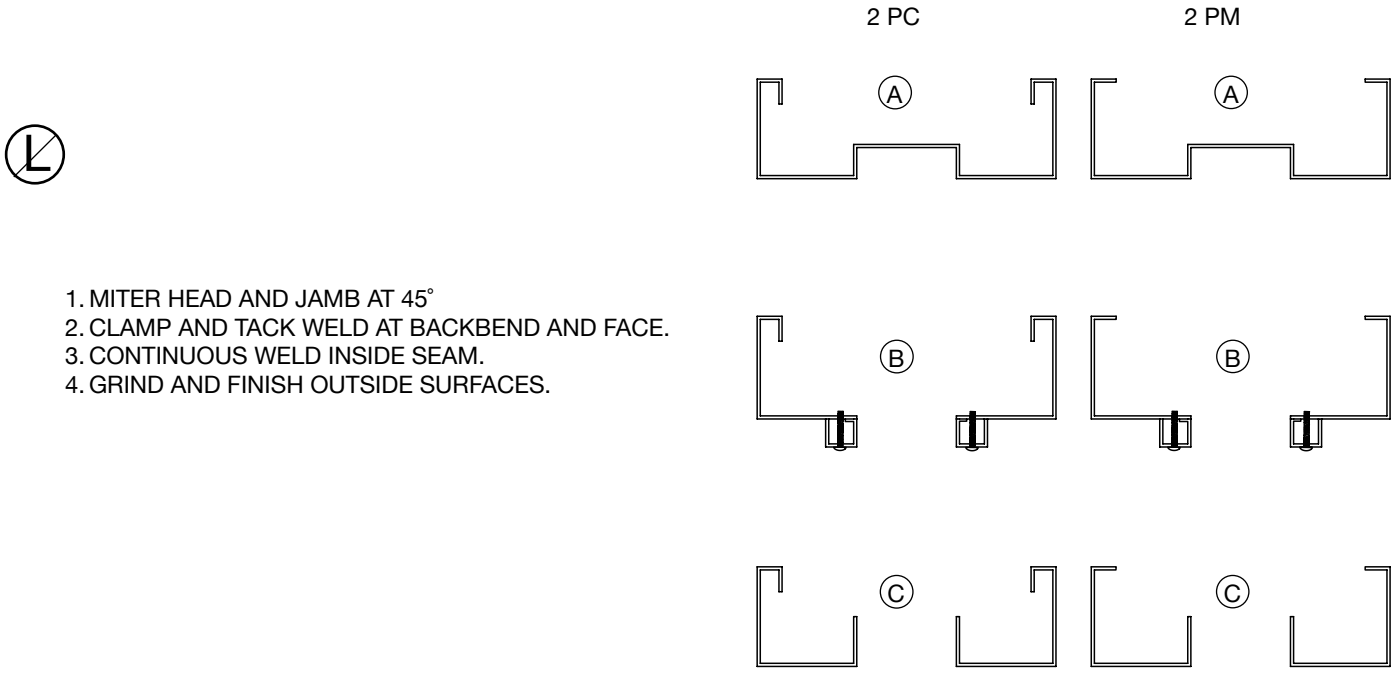


ANCHOR P110
USED FOR METAL STUD
OR WOOD STUD WALL

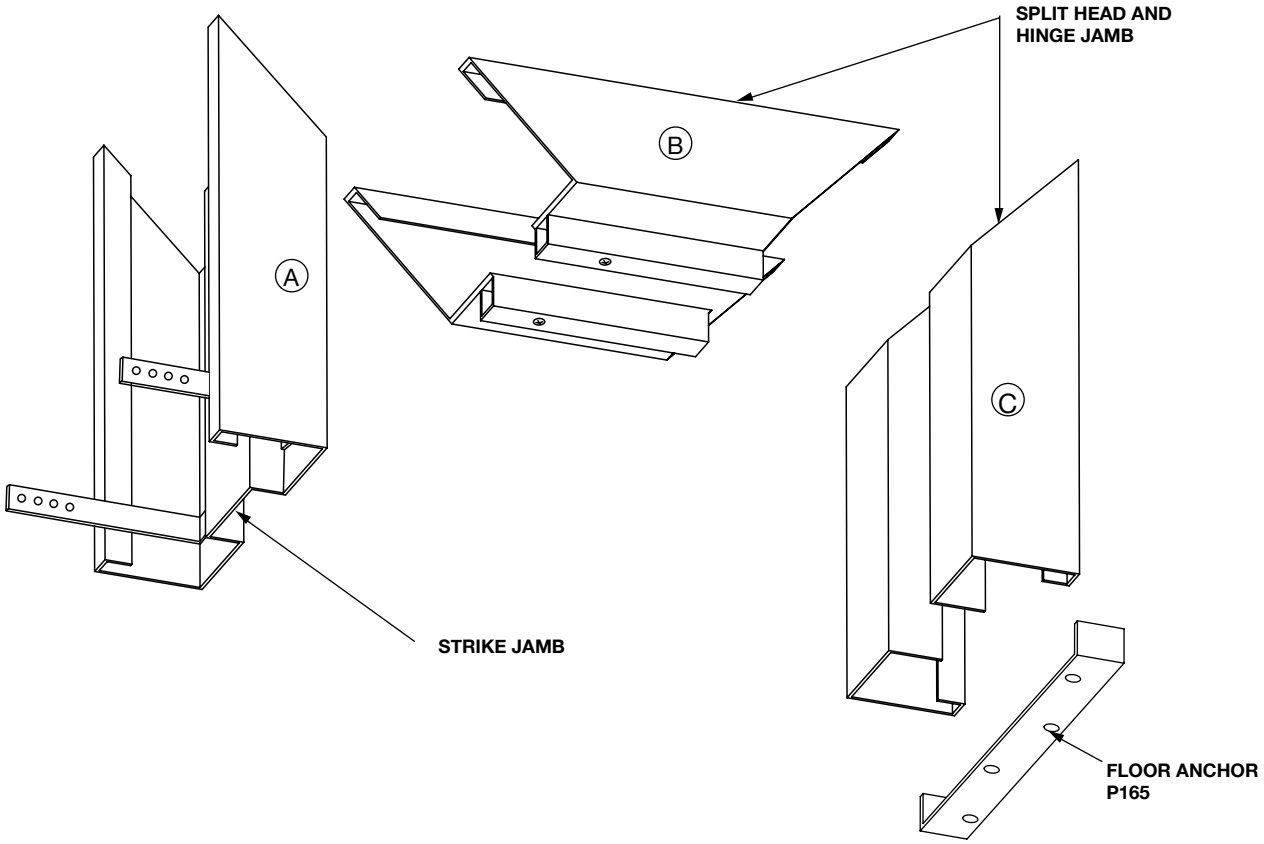
** FRAME FINISHED OPENING WIDTH SHOULD BE ORDERED 1" LESS THAN DESIRED NET DOOR SIZE.
EXAMPLE: A 3'0" POCKET FRAME WILL HAVE FINISH OPENING WIDTH OF 2'11".
THIS ALLOWS THE USE OF STANDARD DOOR WIDTHS.

* FINISH OPENING HEIGHT IS NOMINAL DOOR HEIGHT USING CURRIES STANDARD DOOR UNDERCUT.

POCKET DOOR FRAME-SAW MITERED-WELDED FOR 1-3/4” DOORS



1. MITER HEAD AND JAMB AT 45˚
2. CLAMP AND TACK WELD AT BACKBEND AND FACE.
3. CONTINUOUS WELD INSIDE SEAM.
4. GRIND AND FINISH OUTSIDE SURFACES.



FLOOR ANCHOR WILL BE WELDED TO FACES OF FRAME WHEN FACTORY WELDED. MUST BE ATTACHED TO FRAME FACES WHEN FRAME IS WELDED BY OTHERS.

ROUGH BUCK FRAME

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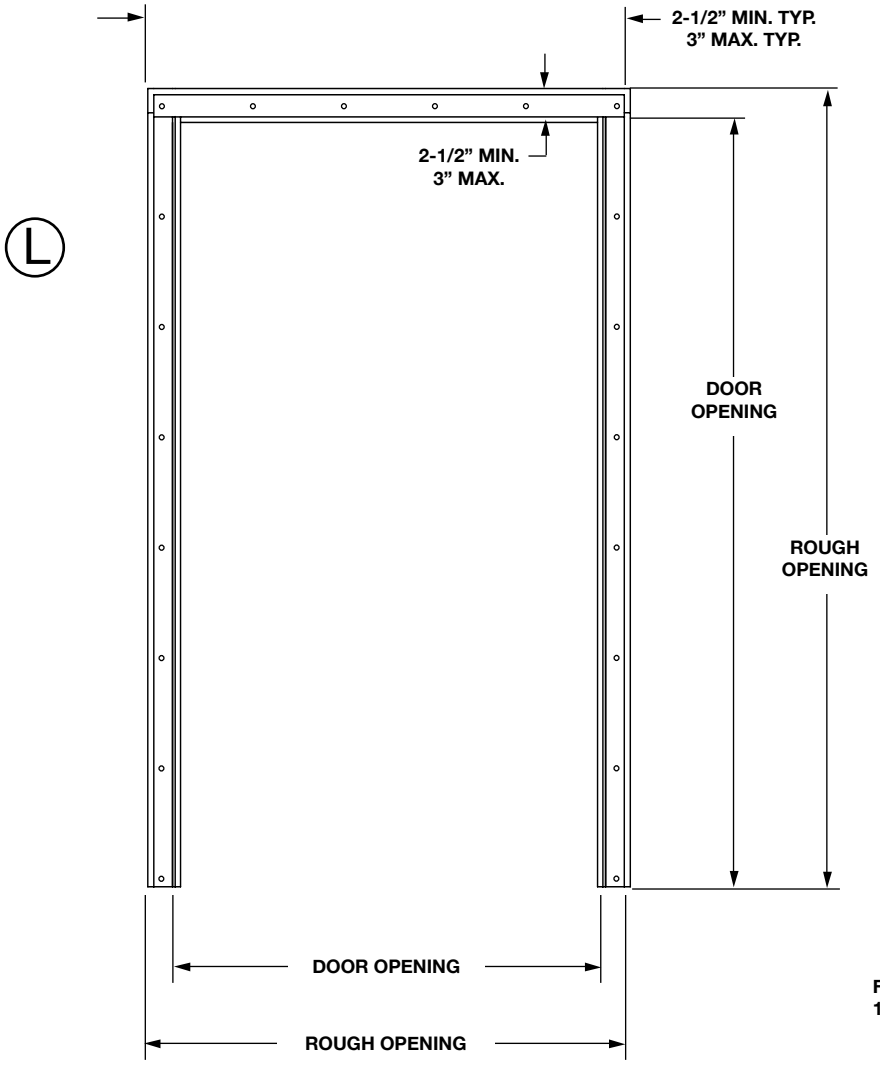
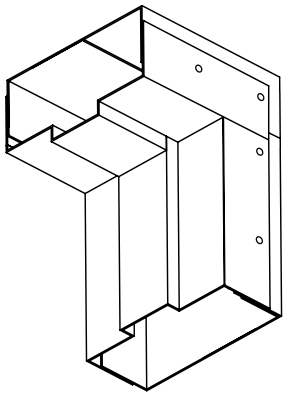
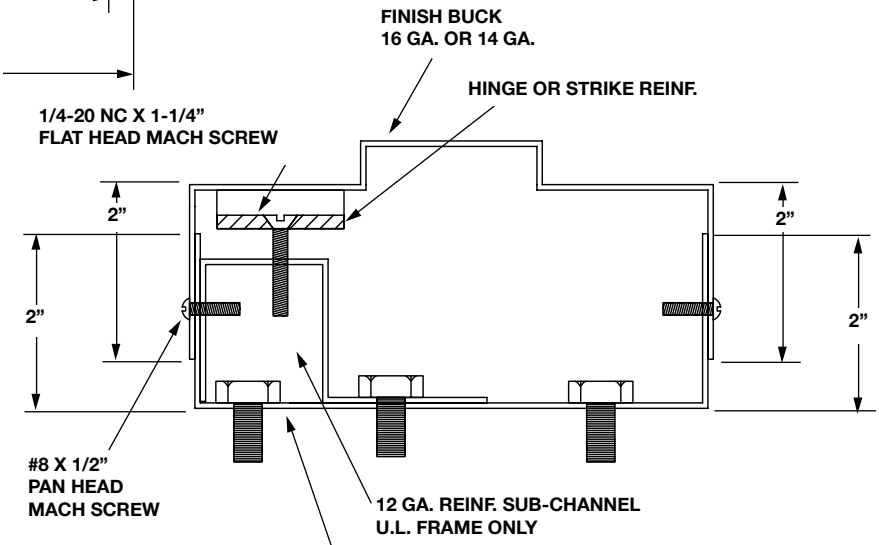


U.L. LISTED ROUGH BUCK FRAMES
BUCKS SHIPPED LOOSE SQUARE BUTT END.
FULLY PREPARED FOR INSTALLATION
WITH MOUNTING HOLES.





CORNER DETAIL
CORNER IS NOTCHED FOR FIELD INSTALLATION
FINISH BUCK CAN NOT BE WELDED PRIOR TO
INSTALLATION.

NOTE: LABEL FRAMES FURNISHED WITH ATTACHING SCREWS AND BOLTS FOR ASSEMBLY

SECURITY SIDELIGHT DOOR CONSTRUCTION

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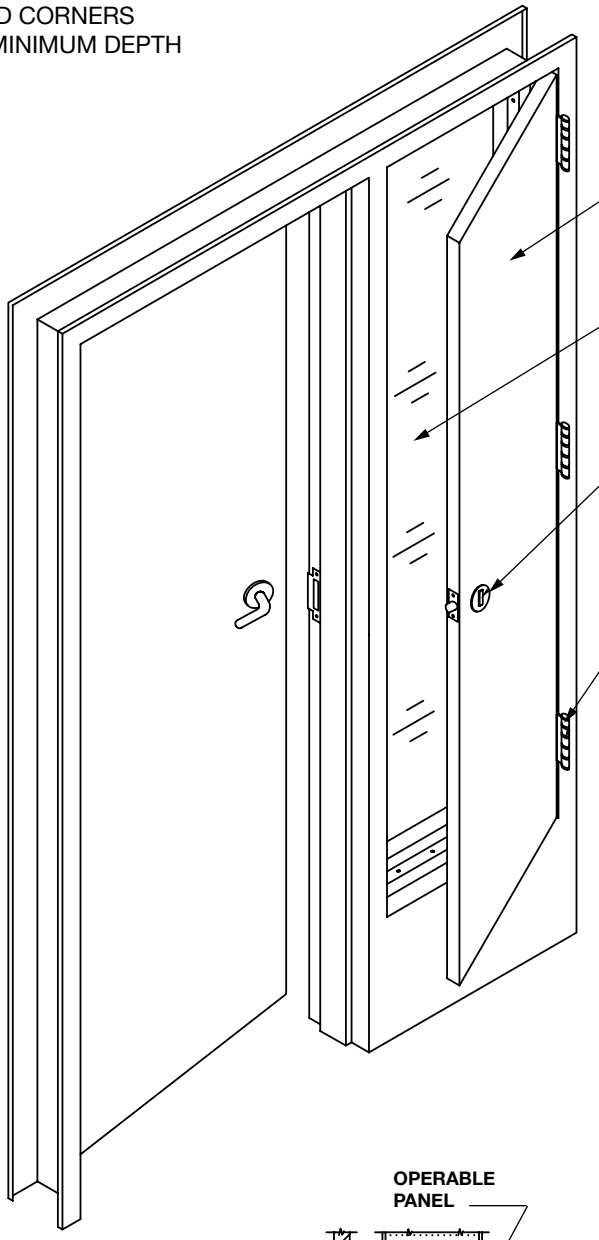
16 OR 14 GA. FRAMES WITH
WELDED CORNERS
6-3/4" MINIMUM DEPTH



FEATURES:

HINGED SECURITY PANEL CLOSES TO CREATE A VISUAL BARRIER

GLASS POCKETS AVAILABLE FOR UP TO 1" THICK GLASS

PREPARED FOR SELF LATCHING DEADBOLT TO MEET PROJECT REQUIREMENTS

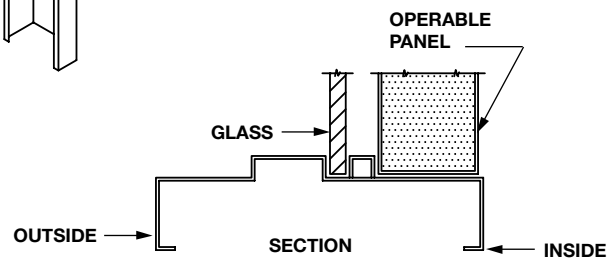
STANDARD 4-1/2" X .134 HINGE PREPARATIONS

OPTIONS:

AVAILABLE WITH MASONRY AND STUD WALL ANCHORS

FIRE RATING:
WARNOCK HERSEY
3/4 HOUR RATING.
(1-1/2 HOUR WITH SPECIALTY GLAZING)

USES:
- CLASSROOMS
- POST OFFICES
- GOVERNMENT FACILITIES
- AIRPORTS

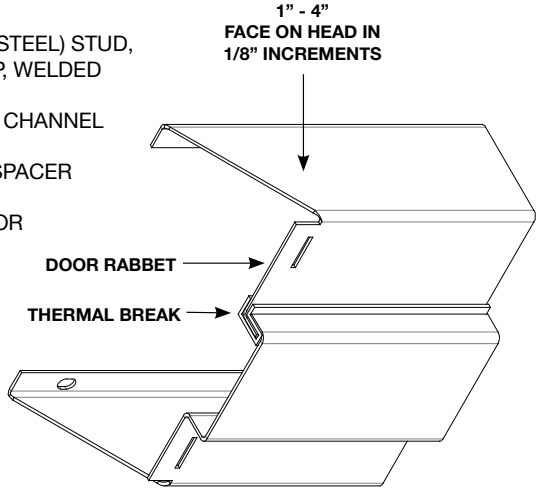


MERCURY 3 THERMAL BREAK FRAME KD FLUSH PROFILE

TR3 SINGLE RABBET: 3-3/4" THRU 14" JAMB DEPTH
TB3 DOUBLE RABBET: 5-3/4" THRU 14" JAMB DEPTH
16 GA. OR 14 GA.; GALVANEALED STEEL STANDARD, GALVANIZED STEEL OPTIONAL
5/8" HIGH STOP ONLY
KD, SEAM WELD (SW), FULL WELD (SOFFIT IS NOT WELDED)
MAXIMUM OPENING SIZE: 5'0" X 10'0" SINGLES; 10'0" X 10'0" PAIRS
PUNCH FOR SILENCERS NOT AVAILABLE
STANDARD RETURNS; 7/16 AT 5-3/4" JAMB DEPTH, 1/2" AT ALL OTHER JAMB DEPTHS, MAXIMUM 1-1/2" RETURN. BACK BEND RETURNS ARE NOT AVAILABLE.

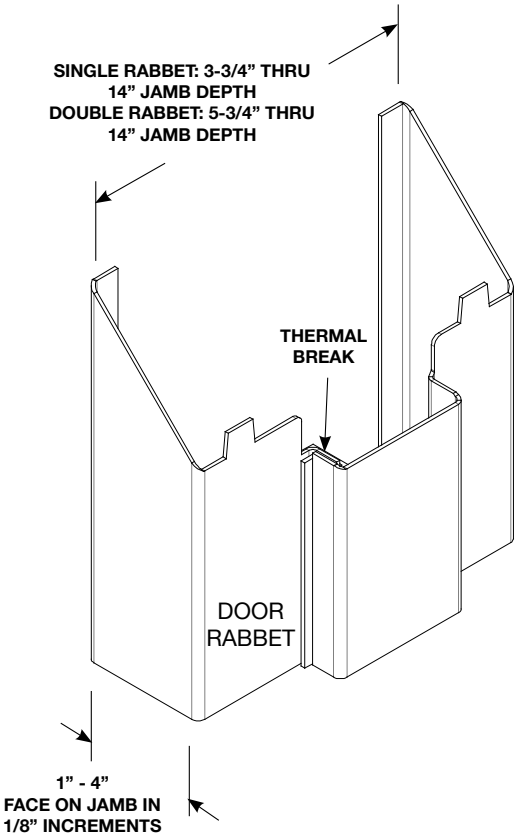
AVAILABLE ANCHORS: MASONRY WIRE, MASONRY T, WELDED SPLIT WOOD (AND STEEL) STUD, WELDED EXISTING OPENING (PUNCHED IN DOOR RABBET)[D],SPLIT BASE FOOTCLIP, WELDED STEEL CHANNEL[A,C], WELDED PIPE SPACER (PUNCHED IN SOFFIT)[B,C,D]

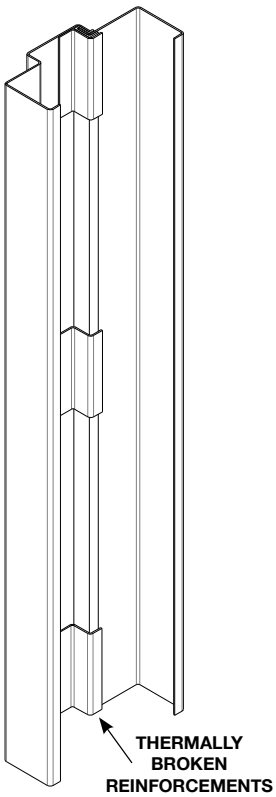
A. WELDED SPLIT WOOD STUD ANCHORS ARE RECOMMENDED WHERE STEEL CHANNEL ANCHORS ARE NORMALLY SPECIFIED.
B. WELDED EXISTING OPENING ANCHORS ARE RECOMMENDED WHERE PIPE SPACER ANCHORS ARE NORMALLY SPECIFIED.
C. THERMAL PERFORMANCE CANNOT BE GUARANTEED DUE TO POTENTIAL FOR THERMAL BRIDGING.
D. JAMB DEPTHS > 8-3/4" RECEIVE 2ND ANCHOR

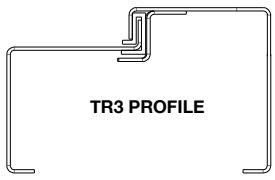


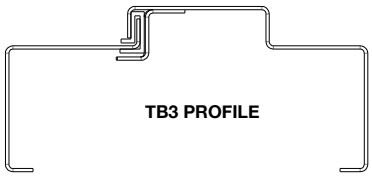
NFRC 102 U AND R VALUES STANDARDIZED THERMAL TRANSMITTANCE
MERCURY 3 FRAME & 777E DOOR - U VALUE 0.34
MERCURY 3 FRAME & 707 DOOR WITH QMAX CORE - U VALUE 0.35
TESTED AND REPORTED IN ACCORDANCE WITH SDI-113 (ASTM C1199 AND ASTM C1363)

NFRC 400 AIR INFILTRATION (CFM/SQ FT)
MERCURY 3 FRAME & 777E FLUSH DOOR - 0.1
MERCURY 3 FRAME & 707 DOOR WITH QMAX CORE FLUSH DOOR - 0.1
TESTED AND REPORTED IN ACCORDANCE ASTM E283

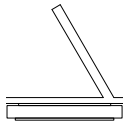








PEMKO S44 SHIPS LOOSE WITH FRAME, TO BE FIELD INSTALLED AFTER FINISH PAINT.



COVERBOXES SUPPLIED WITH MERCURY 3 FRAME PRODUCT MAY REQUIRE FIELD CAULKING AROUND ANY VOIDS TO MINIMIZE POTENTIAL FOR MORTAR/GROUT SEEPAGE INTO THE COVERBOX IF GROUT IS USED.

MERCURY 3 THERMAL BREAK FRAME CCW STICK COMPONENTS

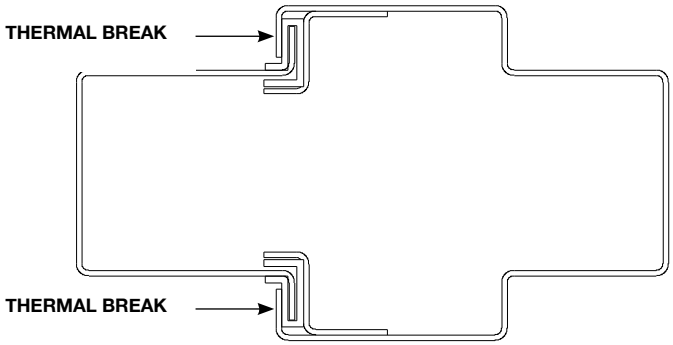
16 GA. OR 14 GA; GALVANNEALED STEEL STANDARD, GALVANIZED STEEL OPTIONAL
5/8" HIGH STOPS ONLY
BUTT END JOINTS ONLY
NOT LABELED

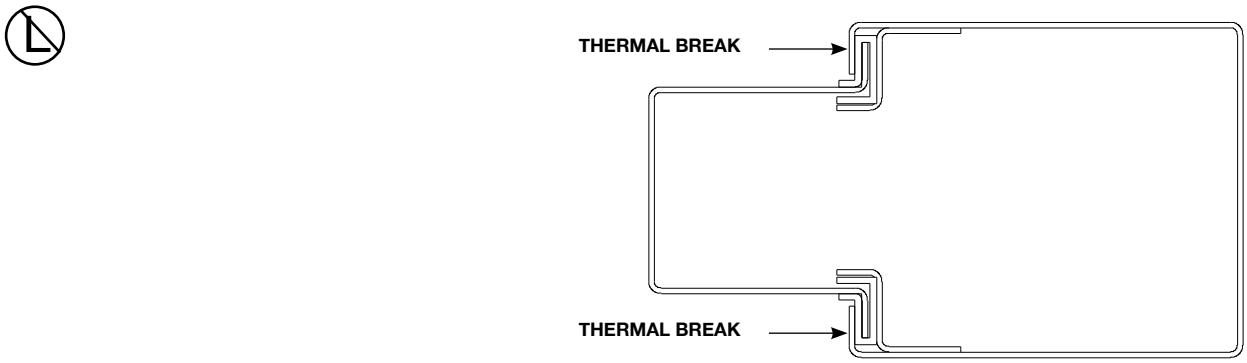
TOM3 MULLION - 16 GA. OR 14 GA.
PUNCH FOR SILENCERS NOT AVAILABLE

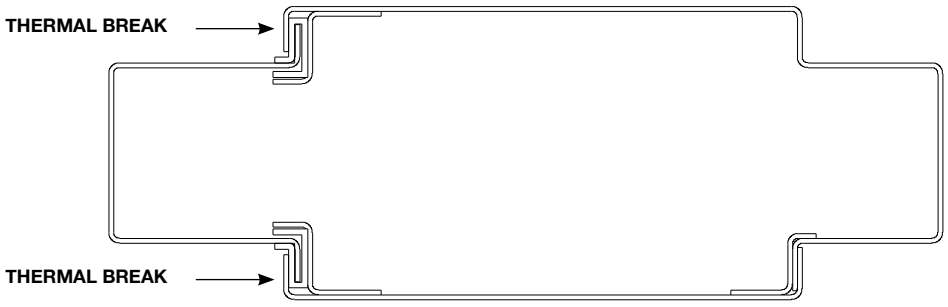
5-3/4" THRU 14" JAMB DEPTH
AVAILABLE DOUBLE RABBET

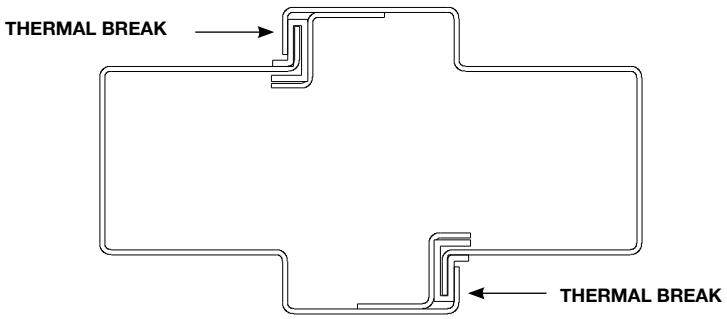
3-3/4" THRU 14" JAMB DEPTH AVAILABLE
SINGLE RABBET

TOM3 PROFILES



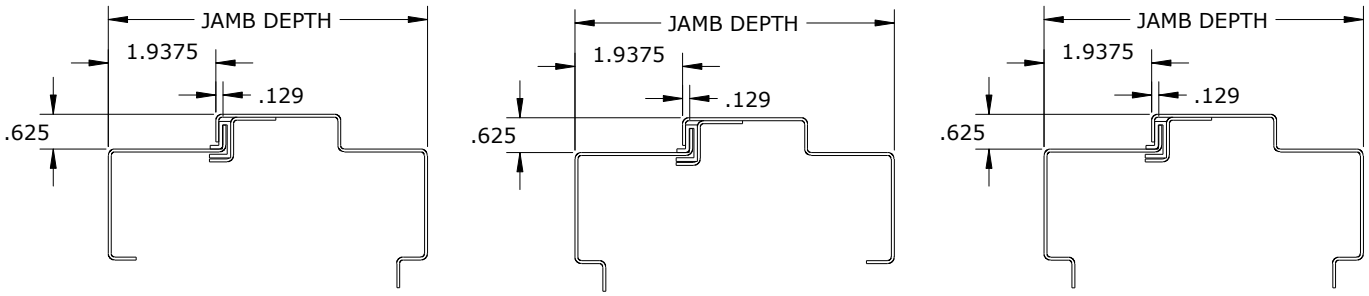




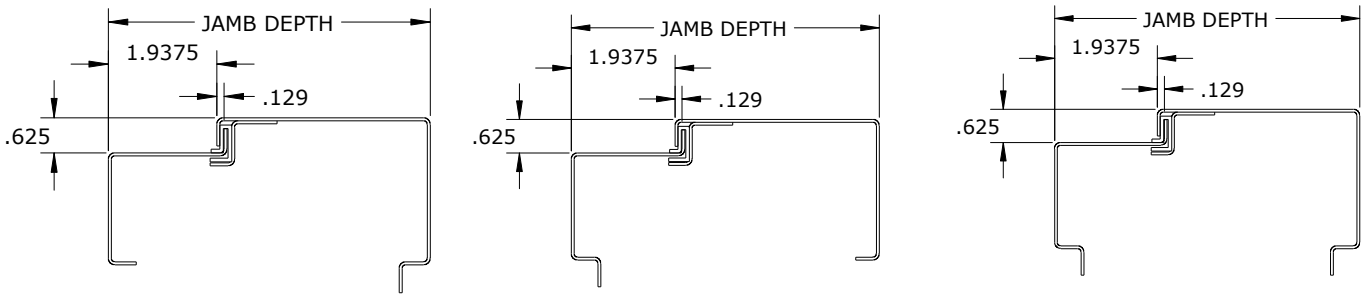


MERCURY 3 THERMAL BREAK FRAME PROFILES WITH STUCCO FLANGE

TBF3 PROFILES



TRF3 PROFILES



	TBF3 PROFILE	TBR3 PROFILE
GAUGE	16, 14	16, 14
MATERIAL	GALVANNEALED STANDARD GALVANIZED OPTIONAL	GALVANNEALED STANDARD GALVANIZED OPTIONAL
FINISH	PRIME PAINTED	PRIME PAINTED
DEPTH	5-3/4" TO 14"	3-7/8" TO 14"
THROAT SINGLE RABBET	1-3/16" LESS THAN DEPTH (OUTSWING/INSWING) 1-3/8" LESS THAN DEPTH (STUCCO)	1-3/16" LESS THAN DEPTH (OUTSWING/ INSWING) 1-3/8" LESS THAN DEPTH (STUCCO)
FACE	1" THRU 4"	1" THRU 4"
STOP HEIGHT	5/8"	5/8"
CORNER CONDITION	SAW MITER WELD (SMW), BUTT END TACK WELD RABBET AND SOFFET (BET), BUTT END WELD (BEW)	SAW MITER WELD (SMW), BUTT END TACK WELD RABBET AND SOFFET (BET), BUTT END WELD (BEW)
OPENING WIDTH SINGLE OPENING WIDTH DOUBLE	2'0" TO 5'0" 4'0" TO 10'0"	2'0" TO 5'0" 4'0" TO 10'0"
OPENING HEIGHT	2'0" TO 10'0"	2'0" TO 10'0"
RABBET	1-15/16" (DOOR), 1-9/16" (OPPOSITE DOOR)	1-15/16"
SOFFIT	1-7/8" MIN.	1-7/8" MIN.
RETURN RETURN (FLANGE SIDE)	1/2" 5/8" STD. 1/2" MAX. WHEN FLANGE ON DOOR RABBET SIDE	1/2" 5/8" STD. 1/2" MAX. WHEN FLANGE ON DOOR RABBET SIDE
FLANGE	1/2" STANDARD, 1/2" MIN. 3" MAX.	1/2" STANDARD, 1/2" MIN. 3" MAX.

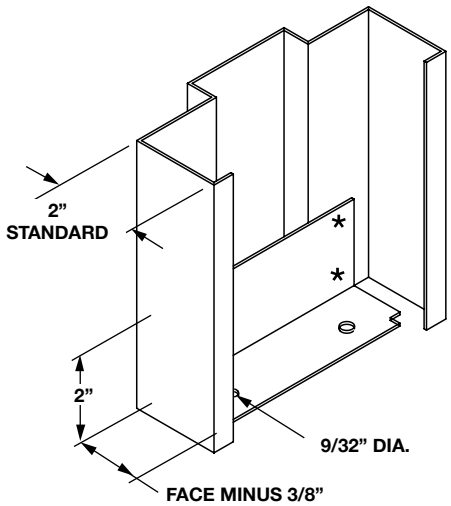
ANCHORS	ATTACHMENT
MASONRY	WIRE MASONRY ANCHOR
EXISTING OPENING	WELDED IN
WOOD STUD STRAPS ONLY	WELDED IN
SPLIT FIXED FLOOR	WELDED IN

PEMKO S44 SHIPS LOOSE WITH FRAME, TO BE FIELD INSTALLED AFTER FINISH PAINT.

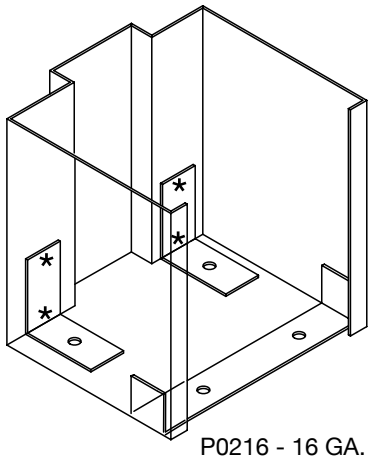
ALL DIMENSIONS SHOWN ARE STANDARD. FOR VARIATIONS REFER TO THE CHART FOR LIMITS.

NOTE: SOME OF THESE COMBINATIONS, DUE TO MANUFACTURING CLEARANCE, MUST BE MADE IN MULTIPLE PIECES.
** FULLY WELDED THERMALLY BROKEN FRAMES WILL BE LIMITED TO FACE MITER WELDS, HEAD AND JAMB RABBET SEAM WELDS ONLY.*

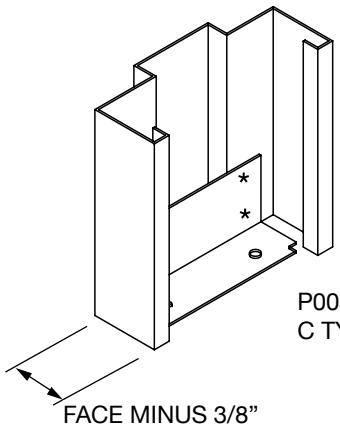
STANDARD FOOT CLIPS



P0030
STANDARD FOOT CLIP
16 GA.

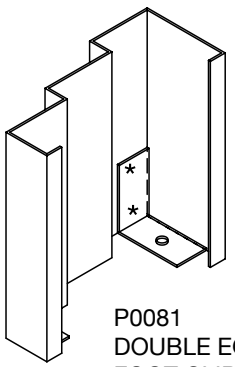


P0216 - 16 GA.
FOR FACE WIDTH OVER 4”
P0281 - 14 GA.
P0284 - 12 GA.

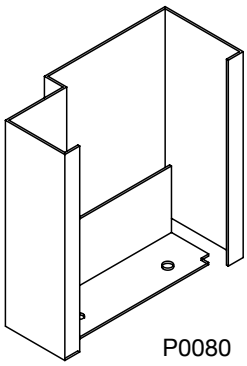


P0030
C TYPE FRAME

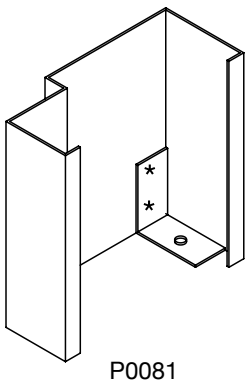
FACE MINUS 3/8”
LABEL REQUIREMENTS: FACE
MINUS 1/2” MAXIMUM



P0081
DOUBLE EGRESS
FOOT CLIPS



P0080
G PROFILE
JAMB DEPTH 4” OR LESS



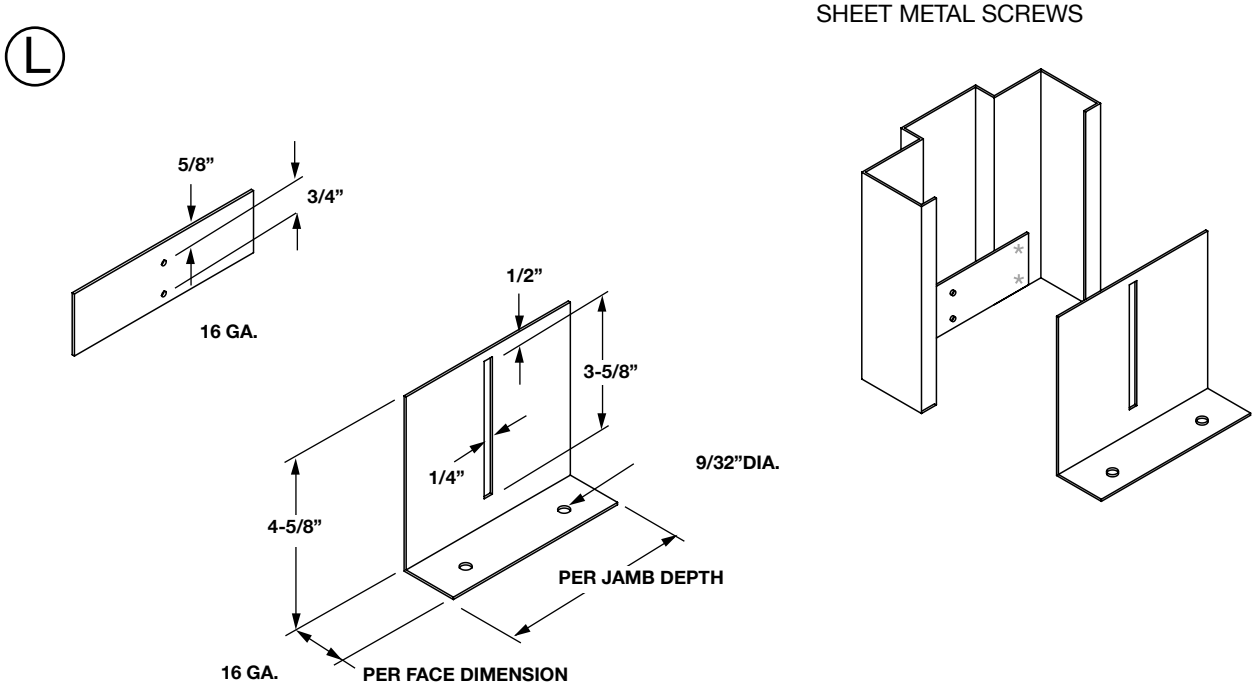
P0081
G PROFILE
GREATER THAN 4”
JAMB DEPTH

BACK
CONTENTS
INTRODUCTION
GEN. INFORMATION
FRAMES
FIRE RATED
DOORS
WINDSTORM
SPECIALTY

ADJUSTABLE FOOT CLIP

ANCHOR PART NUMBER: P0078

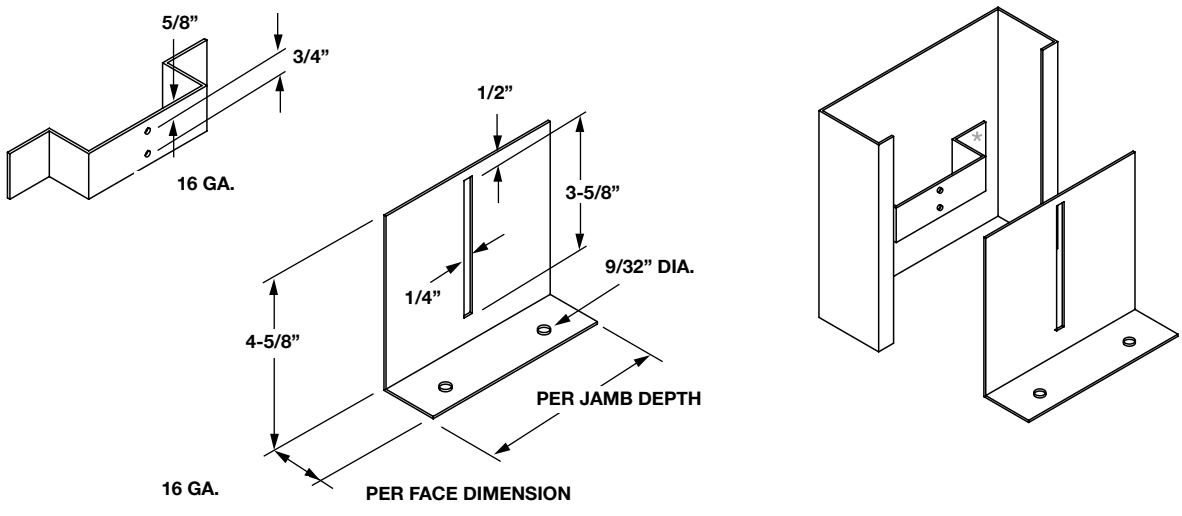
FOOT CLIP SHIPPED LOOSE WITH 2-#12 SHEET METAL SCREWS



ADJUSTABLE FOOT CLIP - CASED OPENING

ANCHOR PART NUMBER: P0151

FOOT CLIP SHIPPED LOOSE WITH 2-#12 SHEET METAL SCREWS



COMMON WALLS FOR MASONRY ANCHOR

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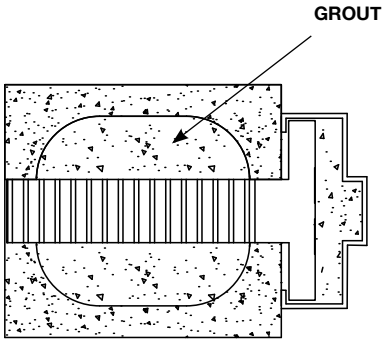
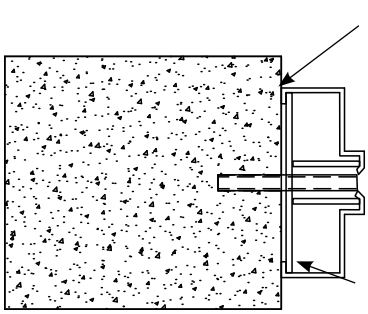
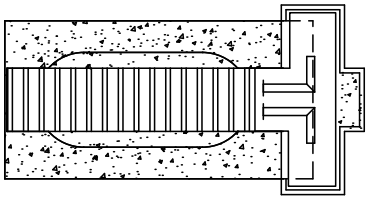


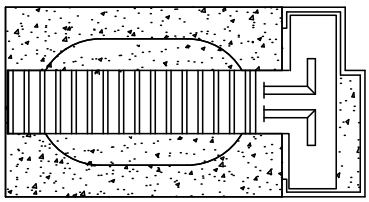
BUTTED MASONRY-BRICK-TILE OR CMU



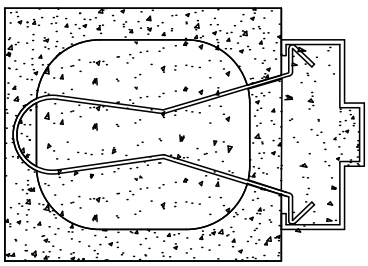
EXISTING MASONRY OR POURED CONCRETE.



WRAP MASONRY-BRICK-TILE OR CMU

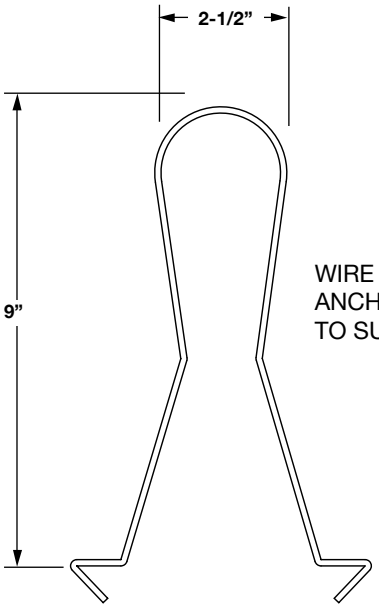


BUTTED MASONRY-BRICK-TILE OR CMU



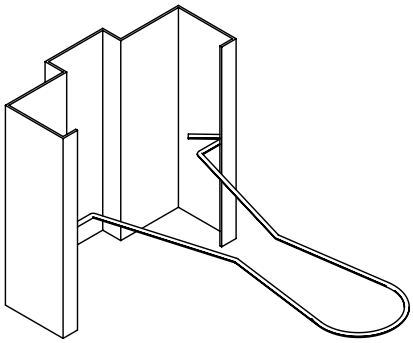
BUTTED MASONRY-BRICK-TILE OR CMU

MASONRY WIRE ANCHOR



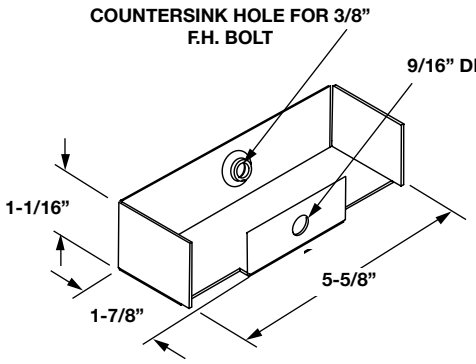
WIRE DIA. 3/16” GALV.
ANCHOR MAY BE BENT
TO SUIT JAMB DEPTH

ANCHOR PART NUMBER: P0098
ORDER CODE LOOSE: MW



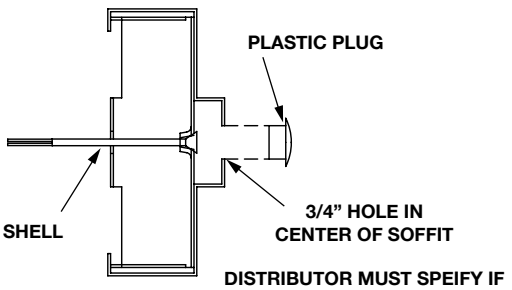
CONCEALED EXISTING OPENING ANCHOR

Ⓛ

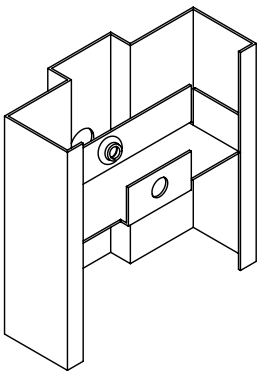


ANCHOR PART NUMBER: CF004557
100 ANCHORS W/PLASTIC PLUG

PLASTIC PLUG PART NUMBER: MS002600
100 PLASTIC PLUGS



DISTRIBUTOR MUST SPEIFY IF THEY WANT HOLE PUNCHED IN CENTER OF SOFFIT



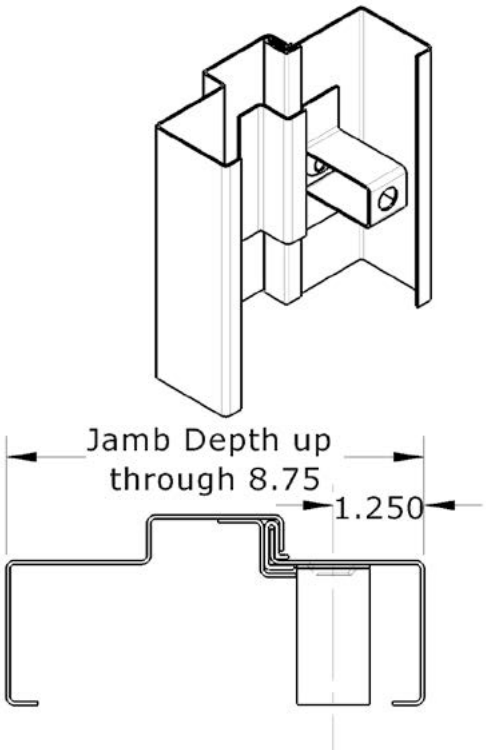
NOTE: ANCHORS AVAILABLE FOR 5-3/4” JAMB DEPTH 2” FACE ONLY AVAILABLE AS SHIP LOOSE PART ONLY

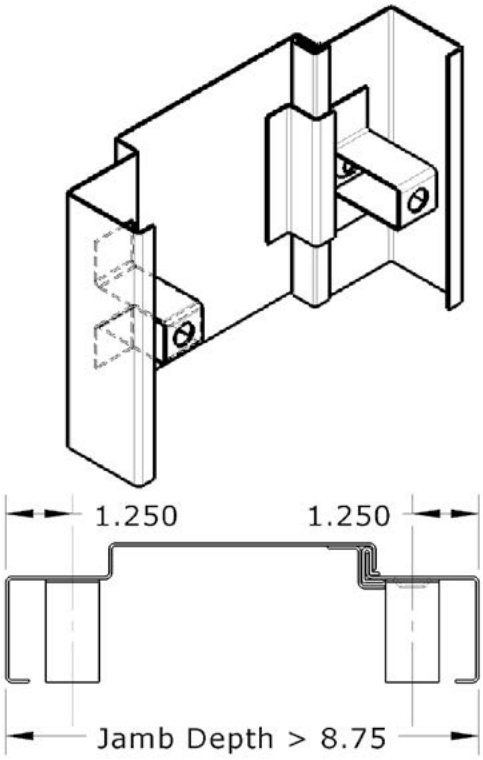
WELDED EXISTING OPENING ANCHOR-MERCURY 3 THERMAL BREAK FRAME

FOR MERCURY 3 THERMAL BREAK FRAMES
SINGLE OR DOUBLE RABBET
THE WELDED EXISTING OPENING ANCHOR IS AVAILABLE FOR ALL JAMB DEPTHS
EXPANSION SHELL OR 3/8" FLAT HEAD BOLT RECOMMENDED
WELDED IN AT FACTORY

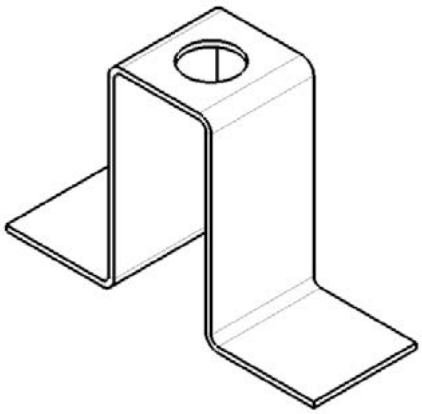
ALL FRAMES PREPPED FOR WELDED EXISTING OPENING ANCHORS WILL HAVE BOLT HOLES PUNCHED UNLESS SPECIFIED OTHERWISE.

ANCHOR PART NUMBER: P0335
ORDER CODE: EO



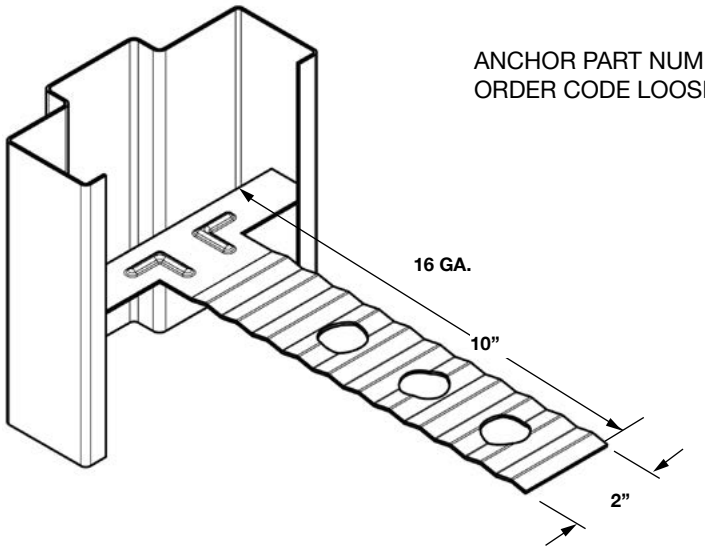


NOTE: ALL WELDED EXISTING OPENING ANCHORS MAY BE USED IN SINGLE RABBET OR DOUBLE RABBET MERCURY THERMAL BREAK FRAMES. TWO ANCHORS WILL BE INSTALLED IN JAMB DEPTHS GREATER THAN 8-3/4".



MASONRY “T” ANCHOR

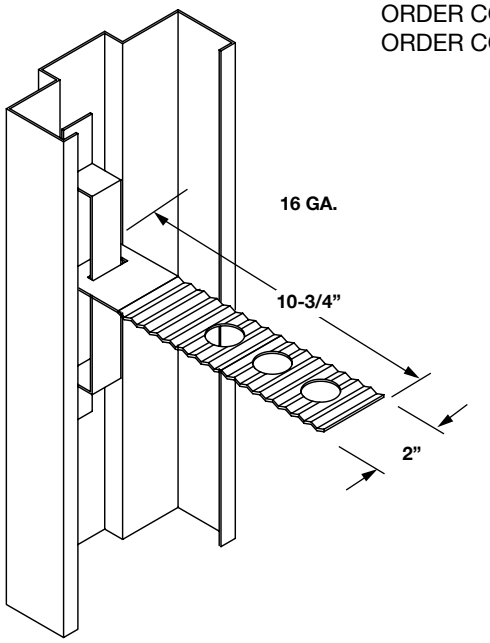
Ⓛ



ANCHOR PART NUMBER: P0069
ORDER CODE LOOSE: M

WELD IN TYPE MASONRY ANCHOR

Ⓛ



ANCHOR PART NUMBER: P0002
ORDER CODE LOOSE: ML
ORDER CODE WELDED: WML

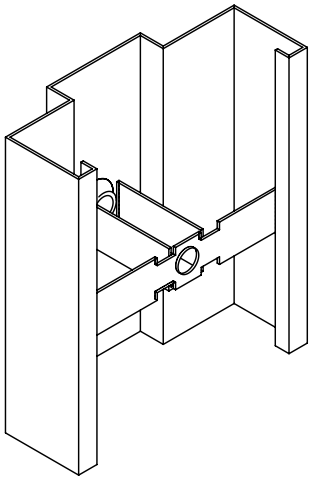
EWA ANCHOR

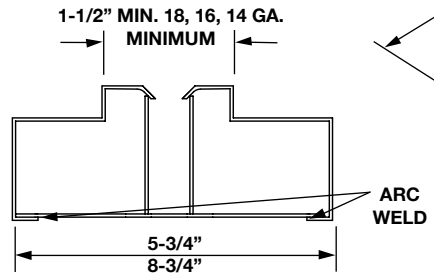
FOR STANDARD RABBETED FRAMES 1-15/16" X 1-9/16"
THE EWA ANCHOR IS AVAILABLE IN 5-1/2" & 8-1/2" SIZES TO FIT 5-3/4" & 8-3/4" STANDARD RABBETED FRAMES RESPECTIVELY.
3/8" FLAT HEAD BOLT RECOMMENDED.

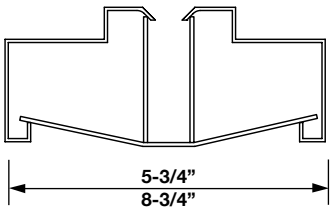
ALL EXISTING WALL FRAMES WILL HAVE BOLT HOLES PUNCHED UNLESS SPECIFIED OTHERWISE.

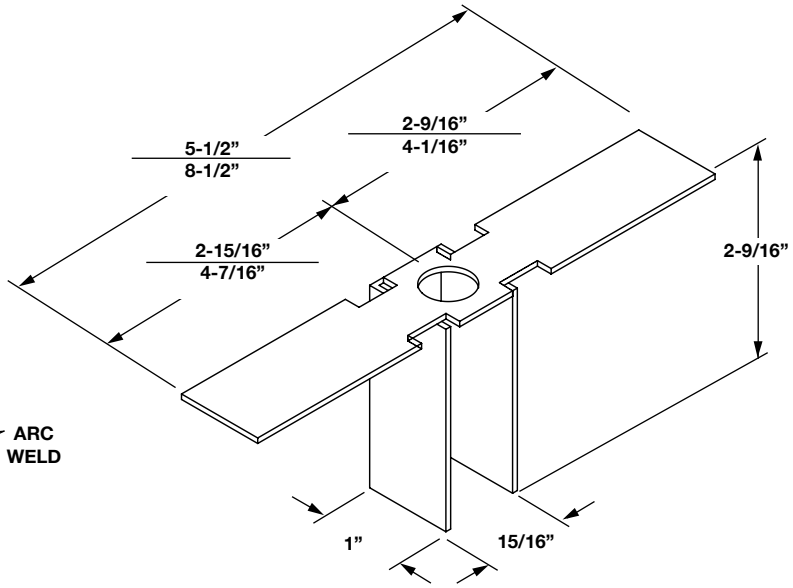
ANCHOR PART NUMBER: P0070
ORDER CODE LOOSE: EWA
ORDER CODE WELDED: WEWA

-AVAILABLE AS SHIP-LOOSE ANCHOR
-AVAILABLE FROM WAREHOUSE AS STOCK #CF004896
-SPECIFY 5-1/2" OR 8-1/2" SIZE

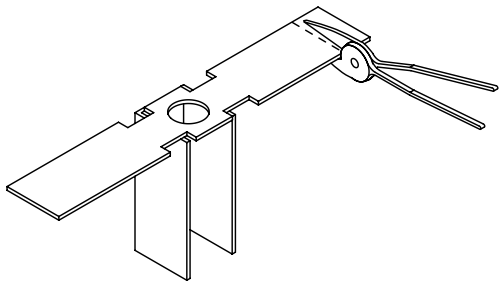








DIAMETER 3/8" X 1-3/4"
EMBEDMENT LENGTH OR STEEL
EXPANSION SHELL OR 3/8"
FLATHEAD BOLT



THE EWA ANCHOR MAY BE TRIMMED TO FIT ANY FRAME OF STANDARD RABBET OR SINGLE RABBET 8-3/4" OR LESS IN JAMB DEPTH AND EQUAL RABBET 8-3/8" OR LESS IN JAMB DEPTH

* 1-1/2" MINIMUM 12 GA.

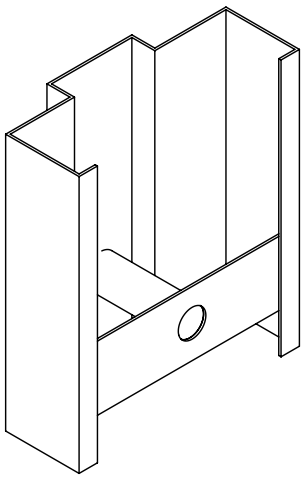
NOTE: 1-7/8 MIN. STOP WIDTH FOR QM PROFILE

PIPE SPACER ANCHOR

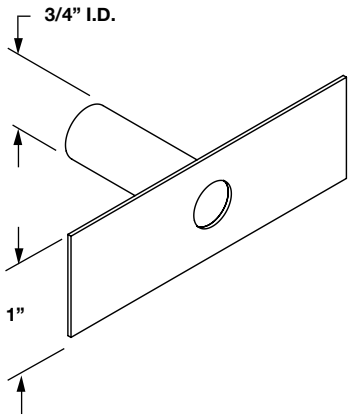
ANCHOR PART NUMBER: P0044
ORDER CODE LOOSE: PS
ORDER CODE WELDED: WPS

ALL EXISTING WALL FRAMES WILL HAVE BOLT HOLES PUNCHED UNLESS SPECIFIED OTHERWISE.

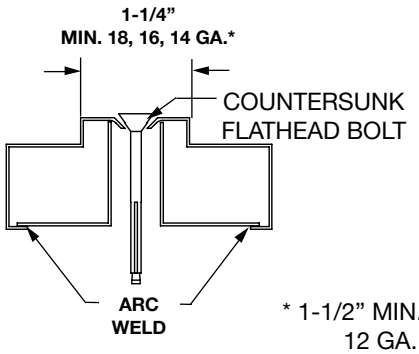
L



NOTE: FACE DIMENSION FOR PROFILE MUST BE EQUAL



DIAMETER 3/8" X 1-3/4" EMBEDMENT LENGTH OR STEEL EXPANSION SHELL OR 3/8" FLATHEAD BOLT

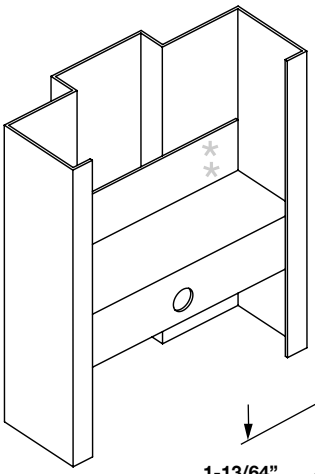


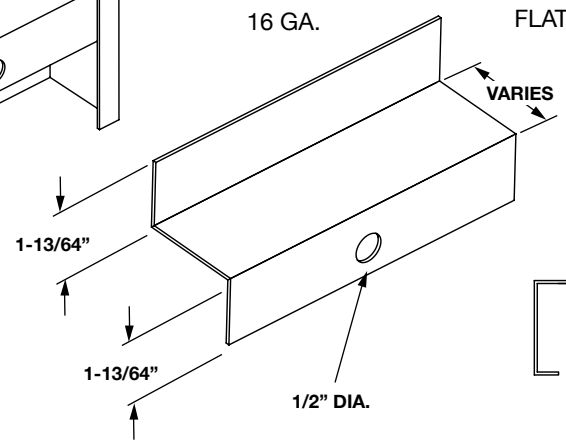
* 1-1/2" MIN. FOR 12 GA.

SPACING BRACKET ANCHOR

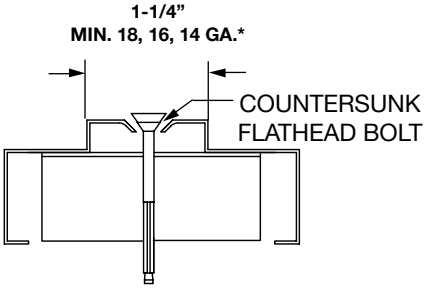
ANCHOR PART NUMBER: P0146
ORDER CODE LOOSE: SB
ORDER CODE WELDED: WSB

L





DIAMETER 3/8" X 1-3/4" EMBEDMENT LENGTH OR STEEL EXPANSION SHELL OR 3/8" FLATHEAD BOLT



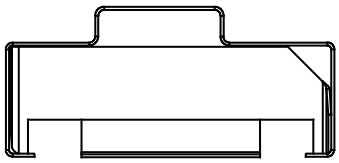
* 1-1/2" MIN. FOR 12 GA.

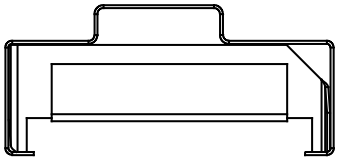
STEEL CHANNEL ANCHOR - SLIP-IN

STANDARD (FLUSH)
ORDER CODE LOOSE: SCF
16 GA.

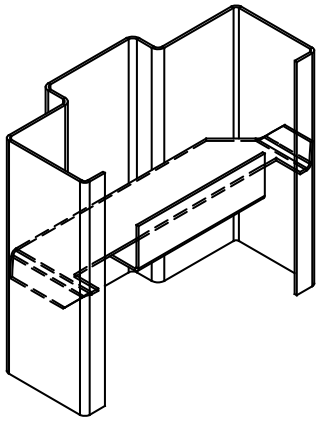
OPTIONAL (RECESSED)
ORDER CODE LOOSE: SCR
16 GA.
18 GA. 5-3/4" JAMB DEPTH ONLY

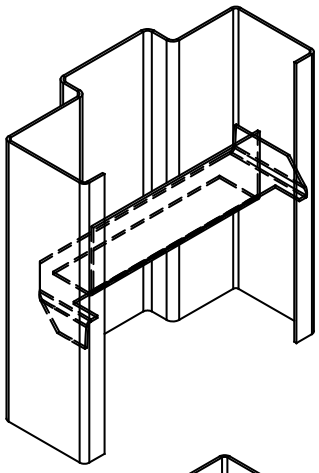
Ⓛ

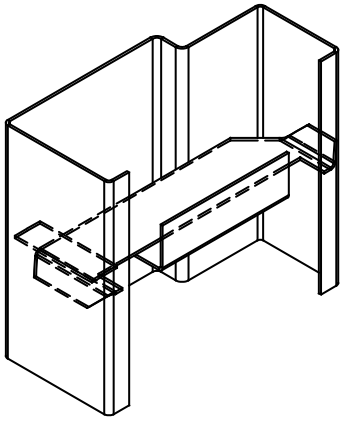


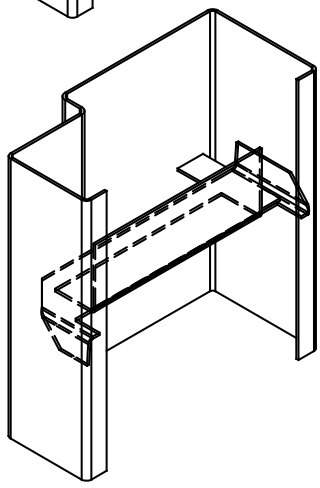


DOUBLE
RABBET

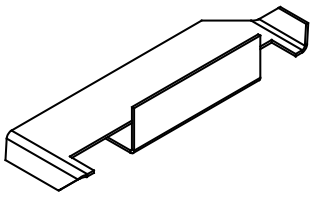


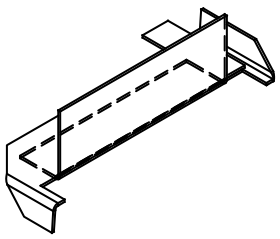






SINGLE
RABBET/DE



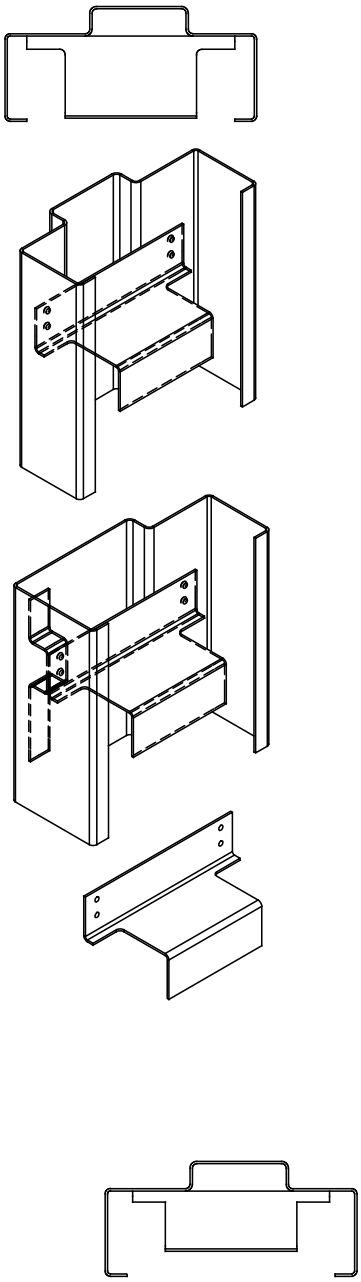


NOTE: MINIMUM FACE OF 1-1/4" REQUIRED FOR THIS ANCHOR TYPE

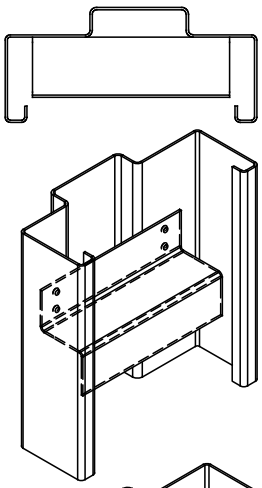
STEEL CHANNEL ANCHOR-WELDED

Ⓛ

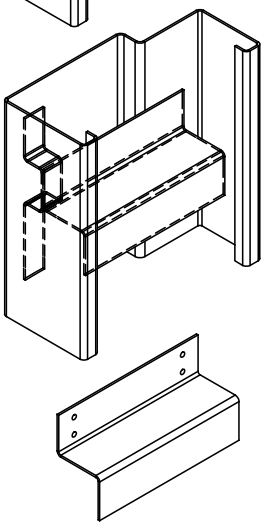
STANDARD (FLUSH)
ORDER CODE: WSCF
16 GA.



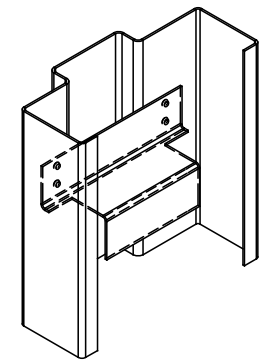
OPTIONAL (RECESSED)
ORDER CODE: WSCR
16 GA.



DOUBLE
RABBET



SINGLE
RABBET/DE



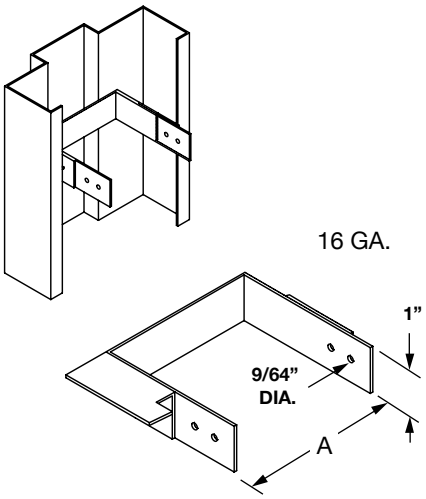
ELECTRICAL CONDUIT
(RECESSED)
ORDER CODE: ESCR

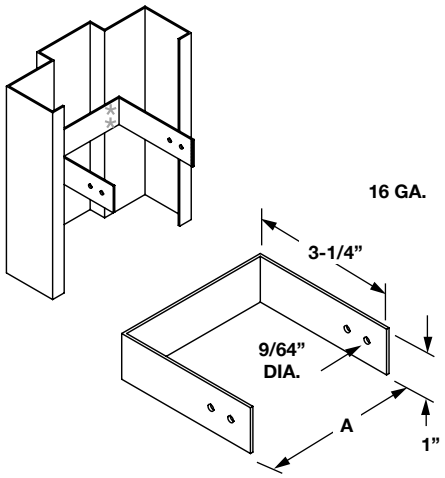
NOTE: FLUSH ANCHORS ALLOW FOR 3/4" DRYWALL. NEED TO SPECIFY IF GREATER.FLUSH ANCHORS CAN BE USED WITH ELECTRICAL CONDUIT.

WOOD STUD ANCHOR

SLIP IN WOOD STUD ANCHOR - “M” SERIES FRAME ONLY
ORDER CODE LOOSE: WS “A” DIMENSIONS
ANCHOR PART NUMBER: P0152 - SPECIFY STUD WIDTH

L



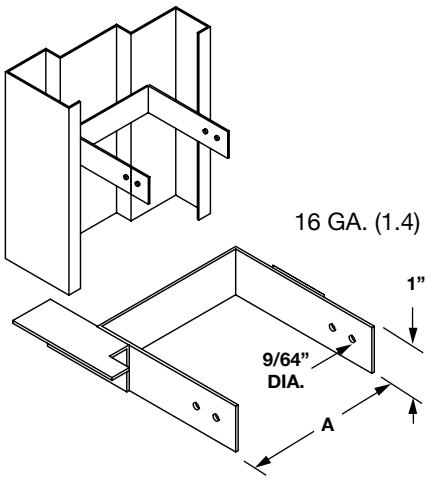


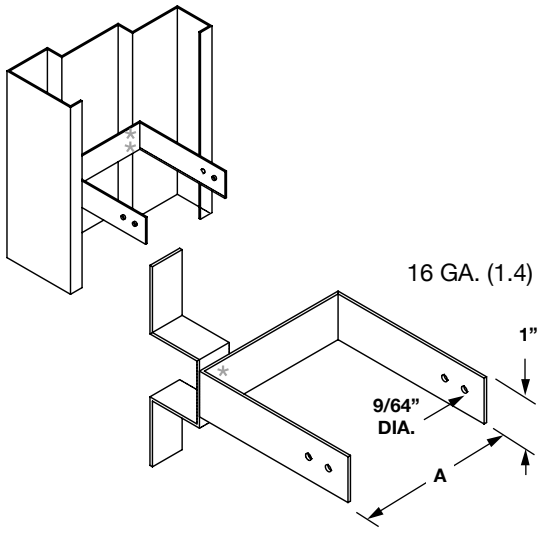
WELD IN WOOD STUD ANCHOR
ORDER CODE LOOSE: WWS “A” DIMENSIONS
ANCHOR PART NUMBER: P0148 - SPECIFY STUD WIDTH

WOOD STUD ANCHORS - DOUBLE EGRESS

SLIP IN WOOD STUD ANCHOR
ORDER CODE LOOSE: WS “A” DIMENSIONS
ANCHOR PART NUMBER: P0152 - SPECIFY STUD WIDTH

L



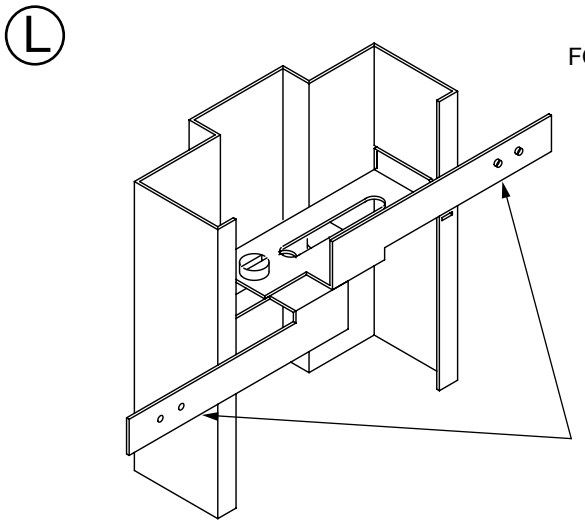


WELD IN WOOD STUD ANCHOR
ORDER CODE LOOSE: WWS “A” DIMENSIONS
ANCHOR PART NUMBER: P0148 - SPECIFY STUD WIDTH

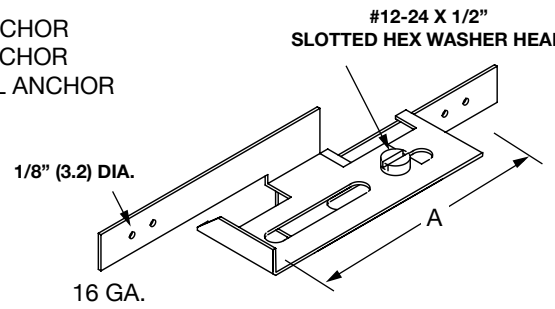
NOTE: SPECIFY JAMB OR HEAD ANCHOR WHEN ORDERING.CURRIES WOOD STUD ANCHORS CAN BE USED WITH WOOD AND METAL STUDS. BOTH ARE LABEL APPROVED.

ADJUSTABLE MULTIPURPOSE ANCHOR

ANCHOR PART NUMBER: P0027
ANCHOR CODE: AMP
"A" DIMENSION = JAMB DEPTHS OF 4-3/8" THRU 6-3/4"
2" FACE FLUSH "M" SERIES OR DRYWALL "C" SERIES
FIELD ADJUSTED TO JAMB DEPTH. AVAILABLE AS SHIP LOOSE PART ONLY



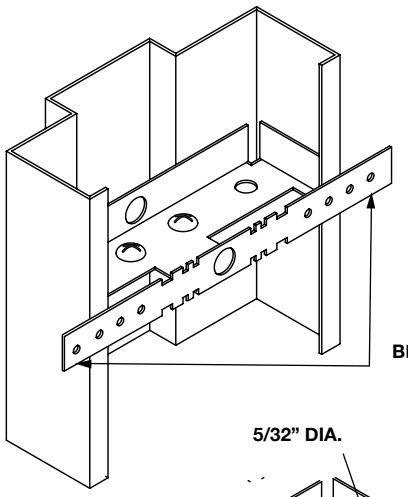
FOR USE AS:
WOOD STUD ANCHOR
WIRE TRUSS ANCHOR
STEEL CHANNEL ANCHOR



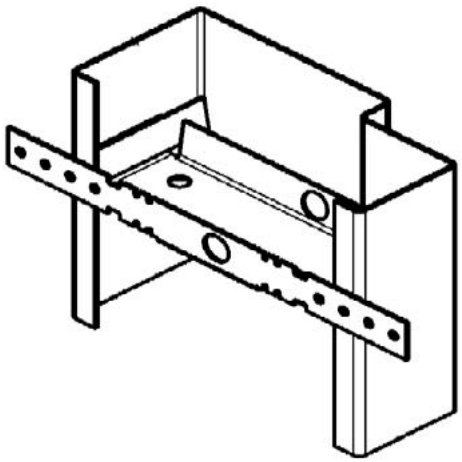
BEND OR TRIM LEGS TO SUIT WALL CONDITIONS

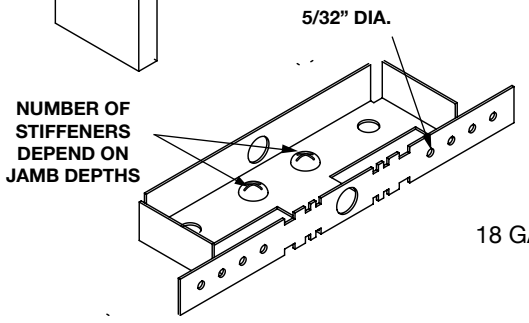
MULTIPURPOSE ANCHOR

ANCHOR PART NUMBER: P0045
ANCHOR CODE: MP
JAMB DEPTHS OF 4-3/4" THRU 9-3/4"
2" FACE FLUSH "M" SERIES OR DRYWALL "C" SERIES
2" X 2-5/8" (66.67) "G" SERIES OR DRYWALL "CG" SERIES



BEND OR TRIM LEGS TO SUIT WALL CONDITIONS

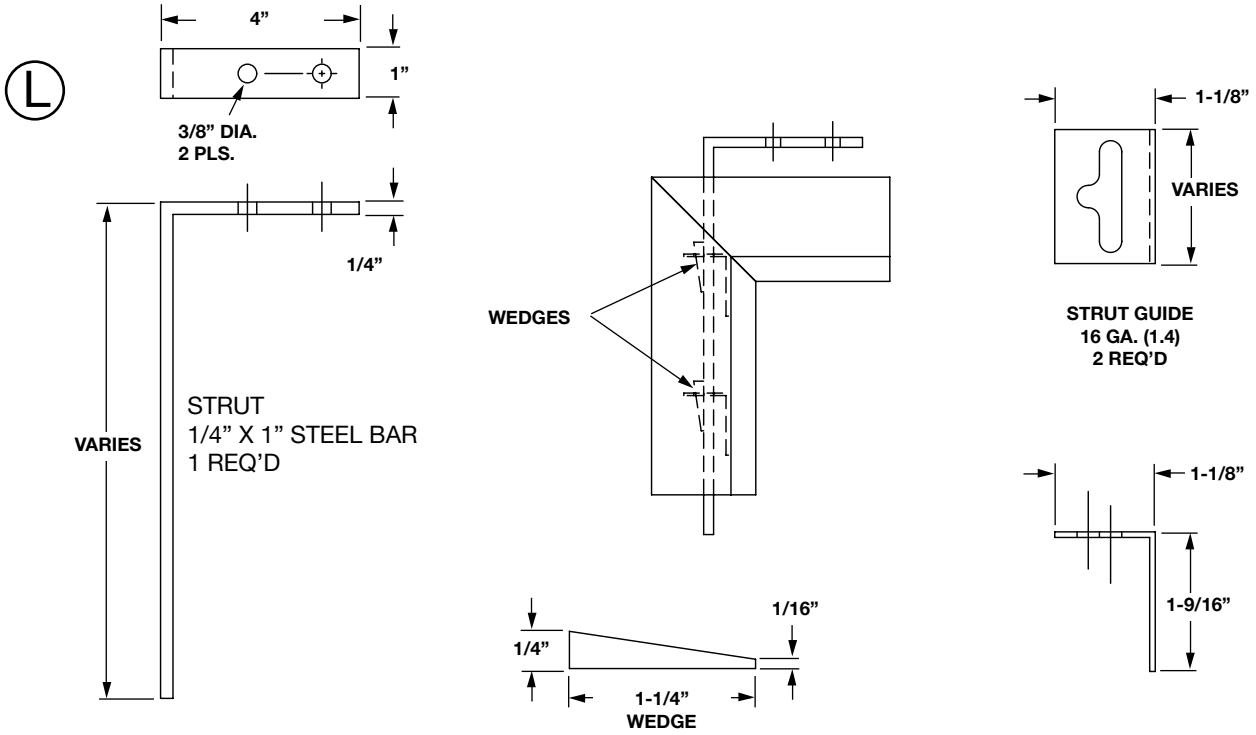




UNEQUAL RABBETS ONLY ON MASONRY WALLS WHEN USING AS AN EXISTING OPENING ANCHOR.

CEILING STRUT ANCHOR

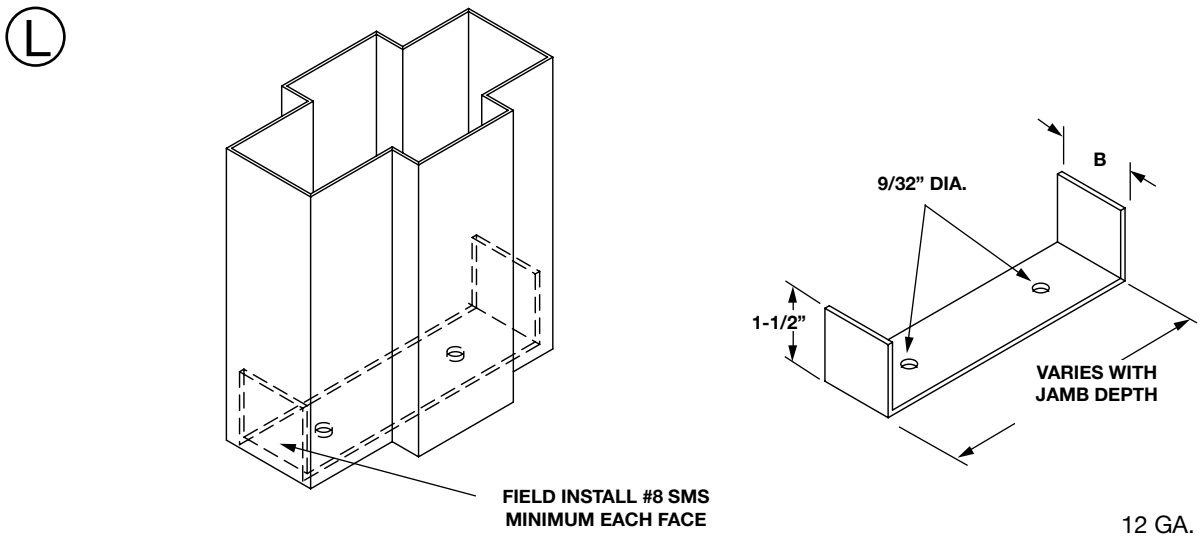
ANCHOR PART NUMBER: P0159



MULLION STIRRUP ANCHOR

ANCHOR PART NUMBER: P0089

DIMENSION "B" VARIES WITH FACE DIMENSION
2" FACE MULLION "B" EQUALS 1-1/2"



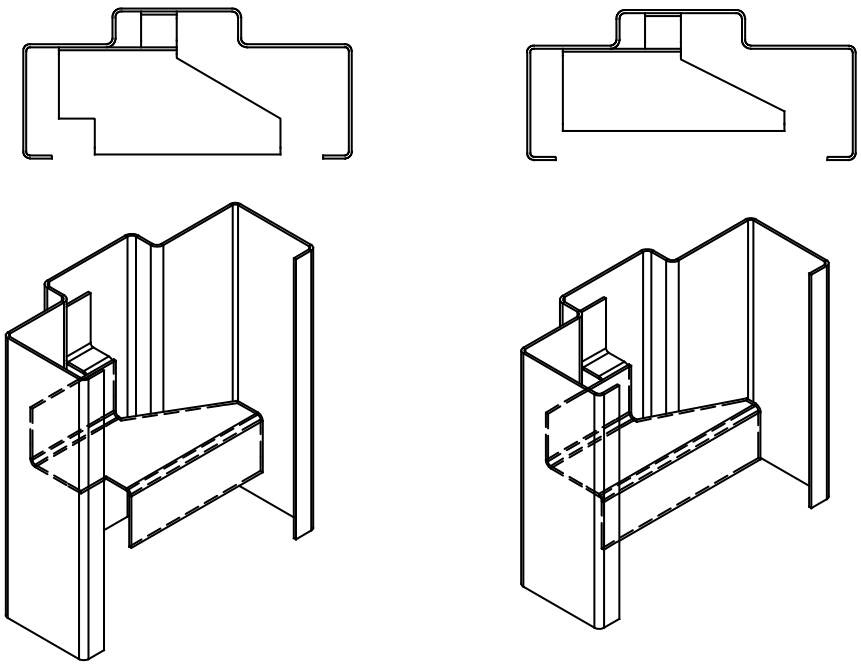
12 GA.

STEEL CHANNEL ANCHOR FOR LEAD LINED FRAMES

STANDARD (FLUSH)
WELD CODE: WSCF-LL

OPTIONAL (RECESSED)
WELD CODE: WSCR-LL

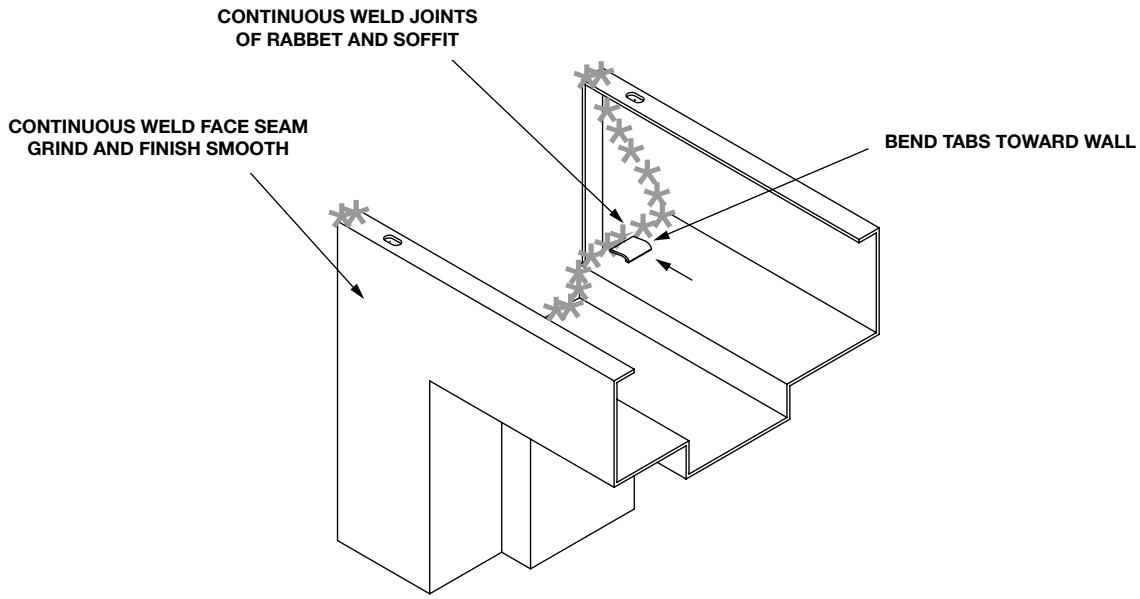
Ⓛ



FULL WELD KD

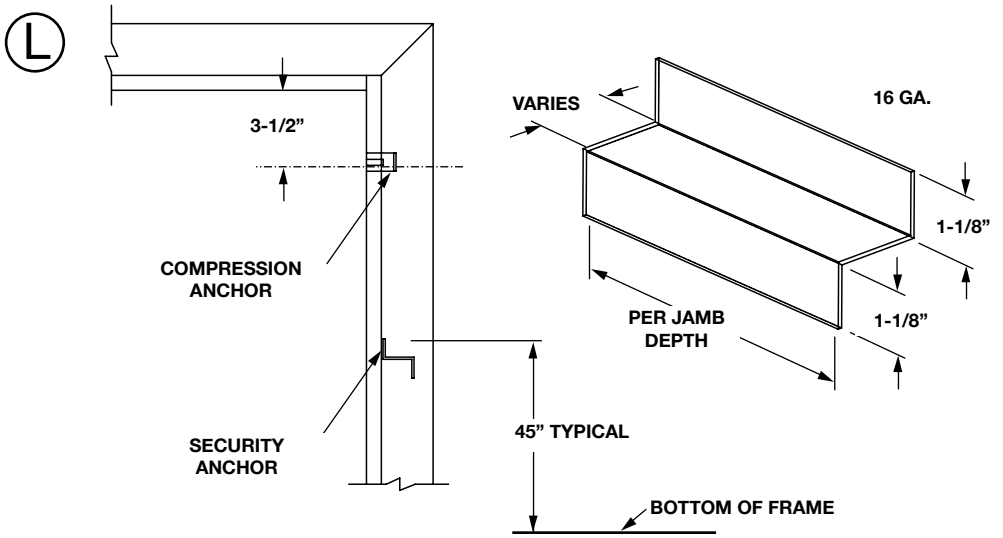
Ⓛ

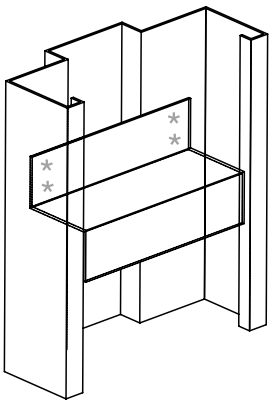
WELD CODE: FW



SECURITY ANCHOR

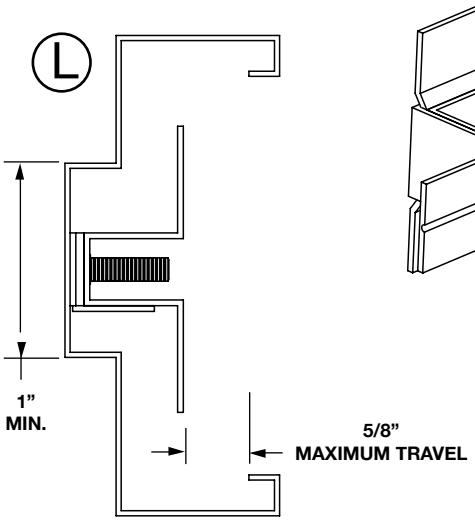
ANCHOR PART NUMBER: P407

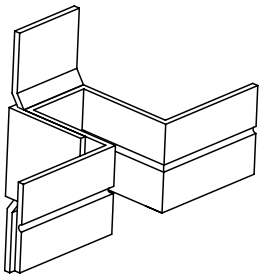


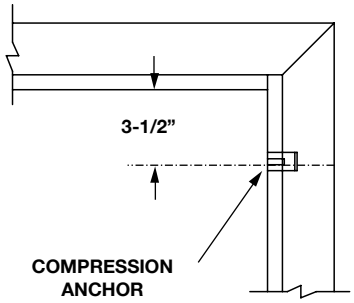


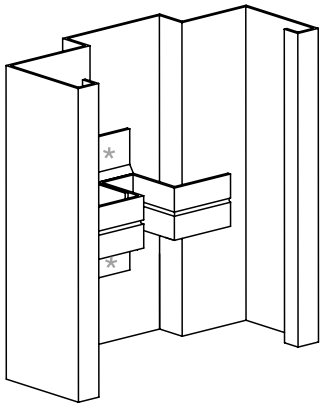
DRYWALL FRAME COMPRESSION ANCHOR

ANCHOR PART NUMBER: P0026 (2" FACE)
ANCHOR PART NUMBER: P0018 (1-1/2" TO 1-3/4" FACE)

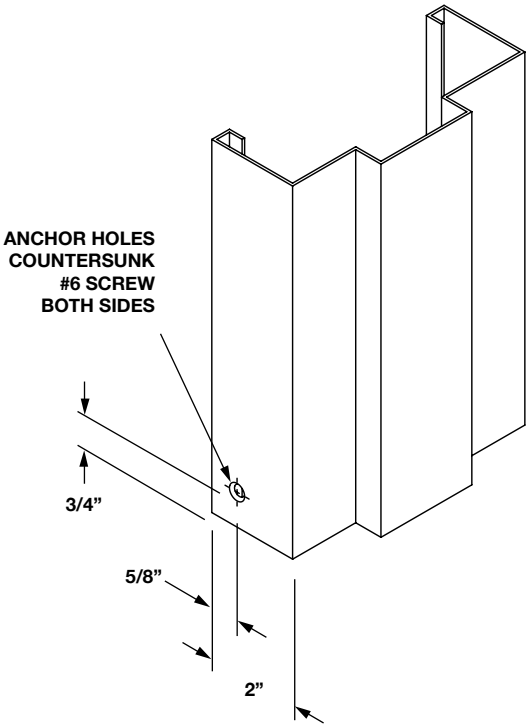








DRYWALL KD FRAME STANDARD BASE ANCHOR

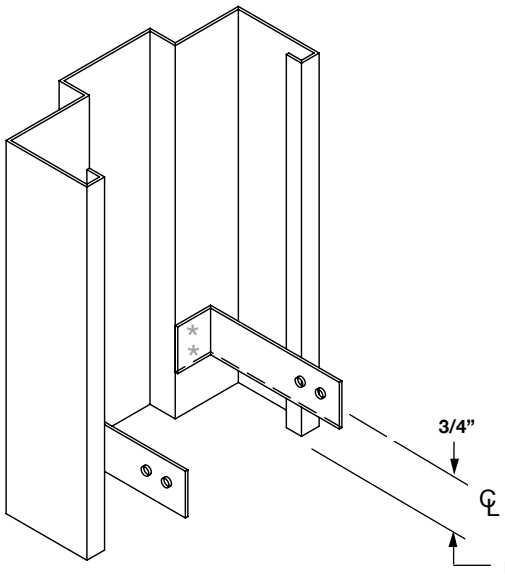


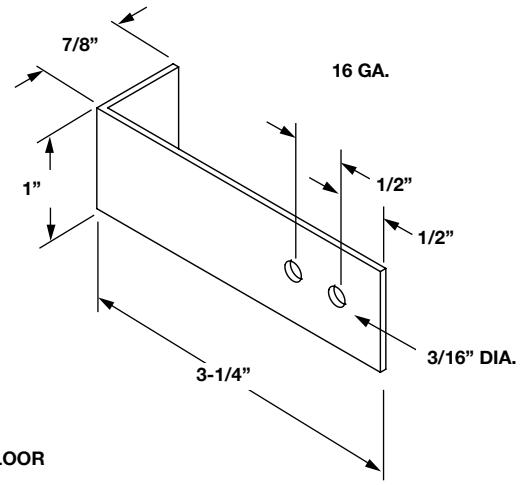
2" FACE ONLY

MINIMUM JAMB DEPTH 3-3/8

DRYWALL KD FRAME OPTIONAL BASE ANCHOR

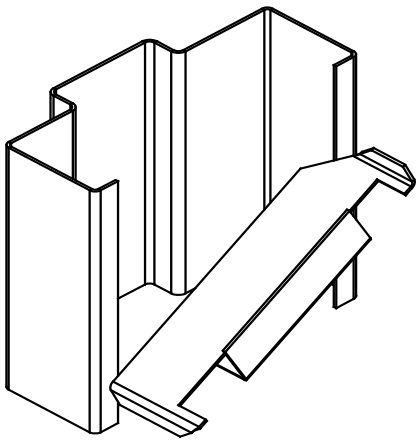
ANCHOR PART NUMBER: P0087



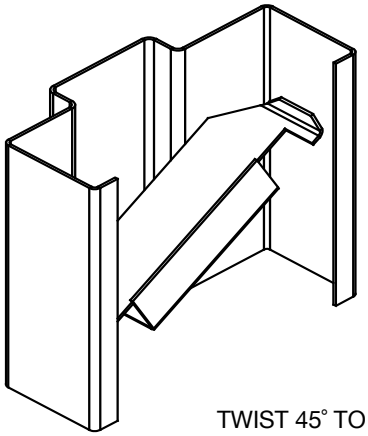


NOTE: REQUIRED ON 1-1/2", 1-3/4" FACE DRYWALL FRAMES. 3", 3-1/8", 3-1/4", JAMB DEPTHS.

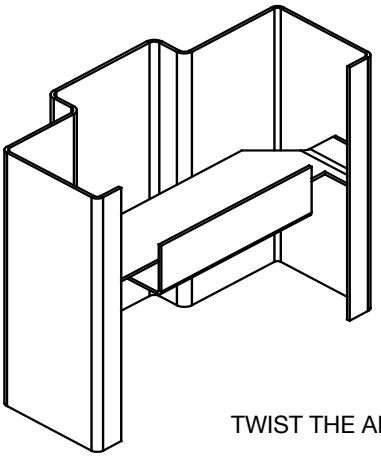
STEEL CHANNEL ANCHOR INSTALLATION



ROTATE ANCHOR 45°
TO CLEAR RETURNS.
SLIDE INTO PROFILE.

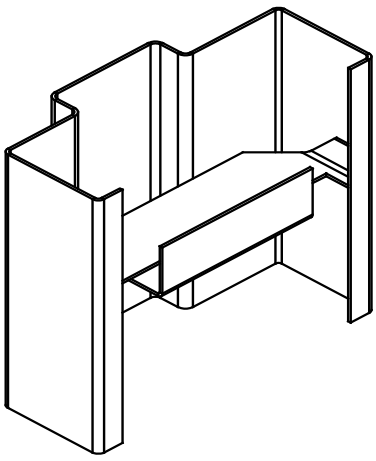


TWIST 45° TO
CLEAR THE RETURNS.



TWIST THE ANCHOR UPRIGHT.

ROTATE THE
ANCHOR CLOCKWISE TO
TIGHTEN IN THE
PROFILE.

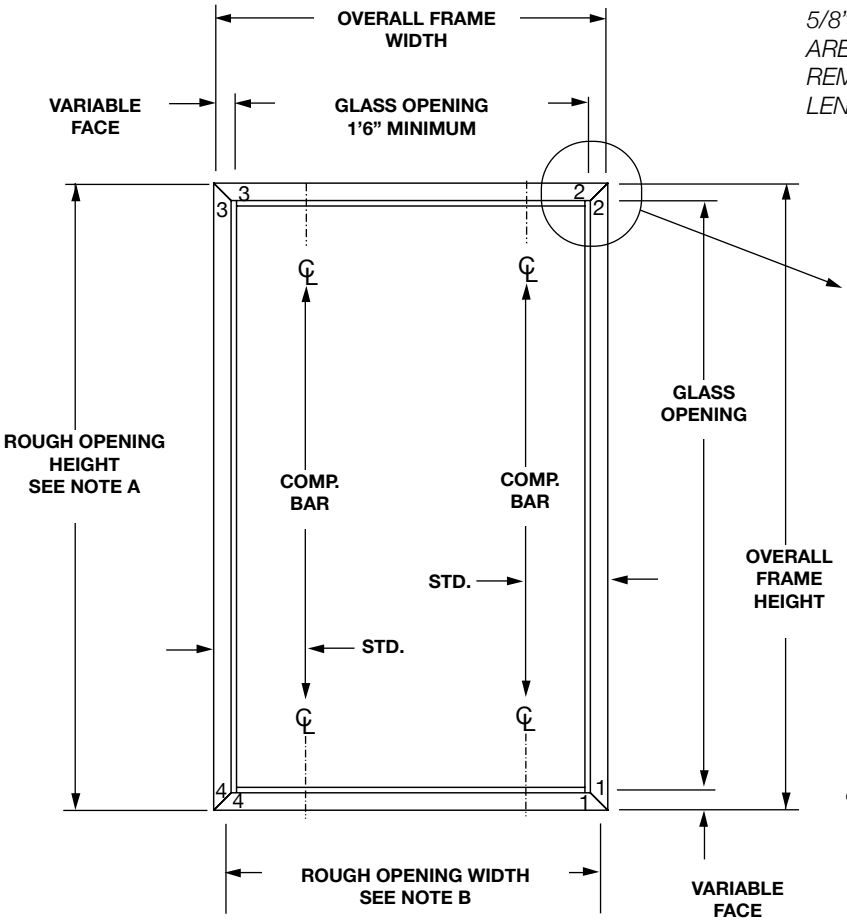


ROTATE TO GET THE
ANCHOR LEGS
UNDER THE PROFILE RETURNS.

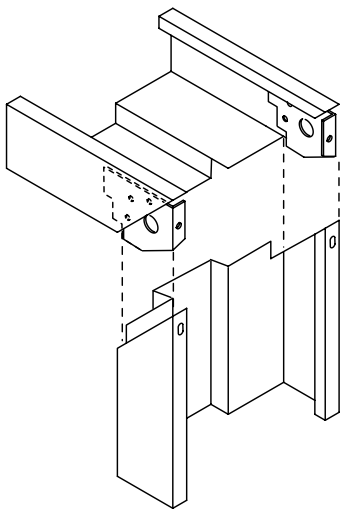
DRYWALL KD BORROWED LIGHT

KD BORROWED LIGHT (DRYWALL FRAME ONLY) ORDER OF INSTALLATION

A) PLACE RIGHT SIDE VERTICAL JAMB MEMBER INTO OPENING;
B) INSTALL SILL MEMBER AND ASSEMBLE CORNER #1;
C) THEN INSTALL HEAD MEMBER AND ASSEMBLE CORNER #2
D) WHILE INSTALLING THE REMAINING LEFT VERTICAL JAMB MEMBER IT MAY BE NECESSARY TO EXTEND THE HEAD (CORNER #3) AND SILL (CORNER #4) TO THEIR ROUGH OPENING LIMITATIONS FOR EASIER INSTALLATION;
E) THEN ASSEMBLE CORNER #3 AND FINALLY SNAP INTO POSITION THE REMAINING CORNER #4;
F) INSTALL SCREWS THROUGH FRAME RETURNS INTO CORNER CLIPS;
G) ADJUST COMPRESSION BARS UNTIL LEVEL AND PLUMB.



NOTE:
5/8" X 5/8" GLASS STOPS ARE PUNCHED AND CUT TO LENGTH REMOVABLE STOPS MATCH FIXED STOP LENGTH AND ARE SHIPPED LOOSE



4" FACE HEADS & SILLS ARE NOT AVAILABLE.

"CG" PROFILE - SEE NEXT PAGE

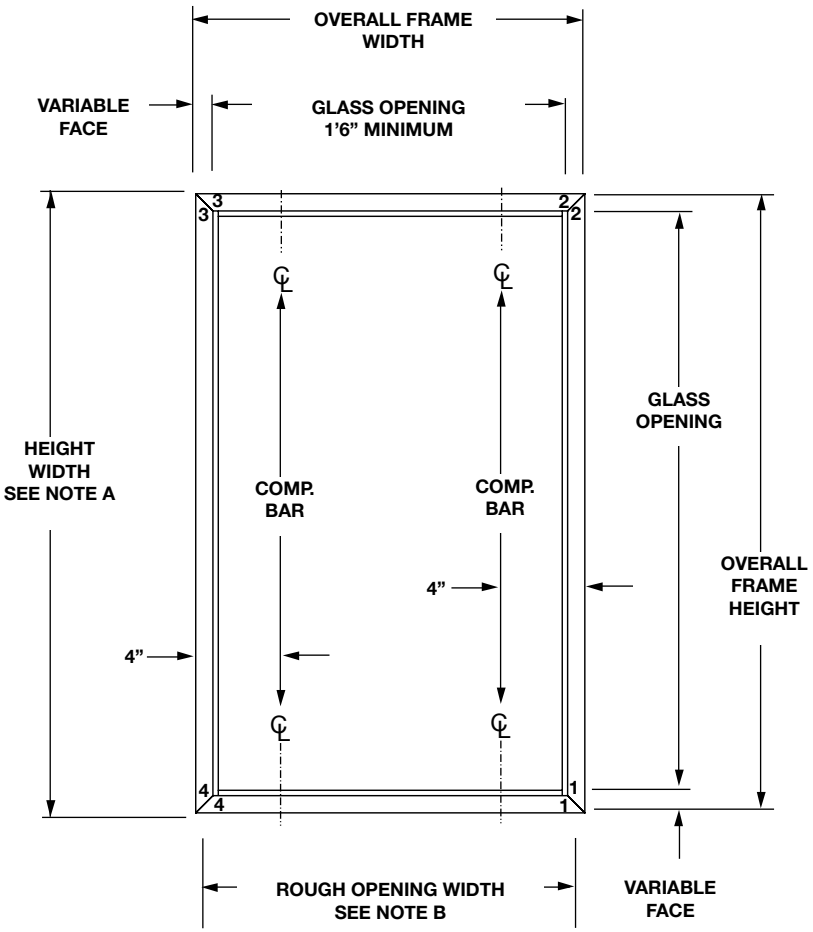
NOTE A: ROUGH OPENING HEIGHT FOR 2" FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2-1/2" INCLUDING CASED OPENING
NOTE A: ROUGH OPENING HEIGHT FOR 1-1/2" & 1-3/4" FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2"
NOTE B: ROUGH OPENING WIDTH FOR 2" FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2-1/2" INCLUDING CASED OPENING
ROUGH OPENING WIDTH FOR 1-1/2" & 1-3/4" FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2"

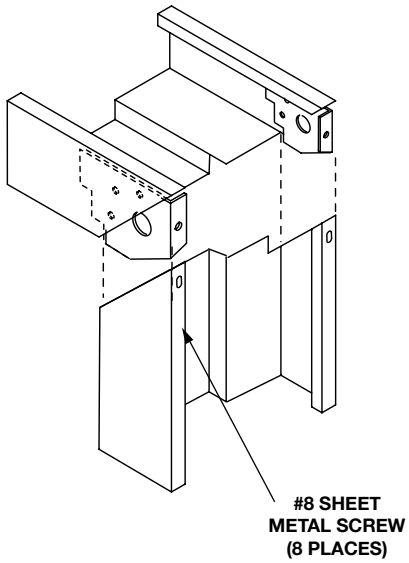
SINGLE RABBET DRYWALL KD BORROWED LIGHT

KD BORROWED LIGHT (DRYWALL FRAME ONLY) ORDER OF INSTALLATION

A) PLACE RIGHT SIDE VERTICAL JAMB MEMBER INTO OPENING;
B) INSTALL SILL MEMBER AND ASSEMBLE CORNER #1;
C) THEN INSTALL HEAD MEMBER AND ASSEMBLE CORNER #2
D) WHILE INSTALLING THE REMAINING LEFT VERTICAL JAMB MEMBER IT MAY BE NECESSARY TO EXTEND THE HEAD (CORNER #3) AND SILL (CORNER #4) TO THEIR ROUGH OPENING LIMITATIONS FOR EASIER INSTALLATION;
E) THEN ASSEMBLE CORNER #3 AND FINALLY SNAP INTO POSITION THE REMAINING CORNER #4;
F) INSTALL SCREWS THROUGH FRAME RETURNS INTO CORNER CLIPS.
G) ADJUST COMPRESSION BARS UNTIL LEVEL AND PLUMB.

Ⓛ

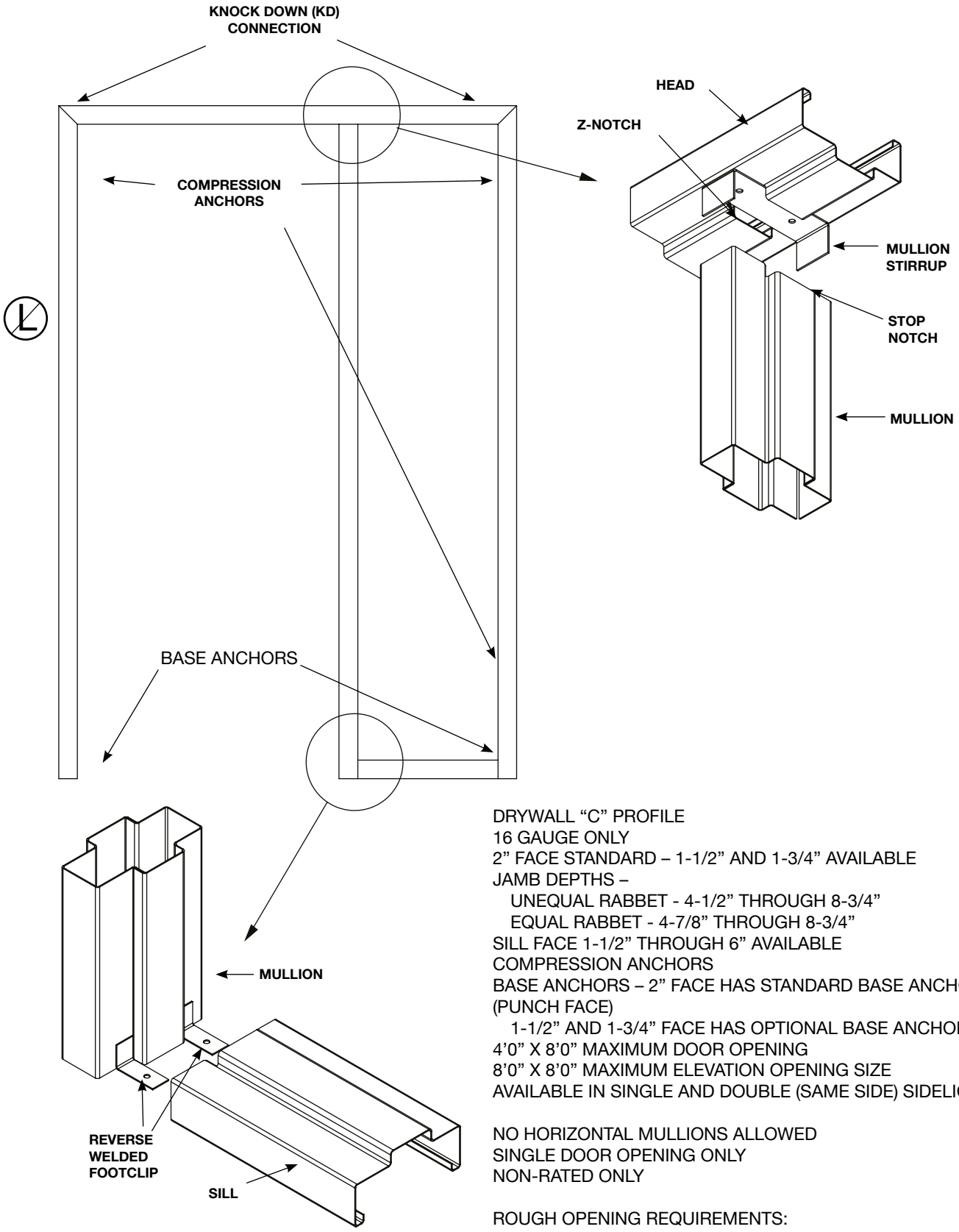




"CG" PROFILE - COMPRESSION BAR RABBET MOUNTED.
JAMB DEPTHS INCLUDE 3" , 3-1/8" , 3-1/4" , 3-3/8" X 1-15/16" RABBET AND 3" X 1-9/16" RABBET

NOTE A: ROUGH OPENING HEIGHT FOR 2" FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2-3/4"
NOTE B: ROUGH OPENING WIDTH FOR 2" FACE FRAMES EQUALSGLASS OPENING SIZE PLUS 2-1/2"

DRYWALL KD SIDELIGHT



DRYWALL "C" PROFILE
16 GAUGE ONLY
2" FACE STANDARD – 1-1/2" AND 1-3/4" AVAILABLE
JAMB DEPTHS –
UNEQUAL RABBET - 4-1/2" THROUGH 8-3/4"
EQUAL RABBET - 4-7/8" THROUGH 8-3/4"
SILL FACE 1-1/2" THROUGH 6" AVAILABLE
COMPRESSION ANCHORS
BASE ANCHORS – 2" FACE HAS STANDARD BASE ANCHOR (PUNCH FACE)
1-1/2" AND 1-3/4" FACE HAS OPTIONAL BASE ANCHOR
4'0" X 8'0" MAXIMUM DOOR OPENING
8'0" X 8'0" MAXIMUM ELEVATION OPENING SIZE
AVAILABLE IN SINGLE AND DOUBLE (SAME SIDE) SIDELIGHT

NO HORIZONTAL MULLIONS ALLOWED
SINGLE DOOR OPENING ONLY
NON-RATED ONLY

ROUGH OPENING REQUIREMENTS:
THE ROUGH OPENING HEIGHT EQUALS THE FINISHED OPENING HEIGHT +1".

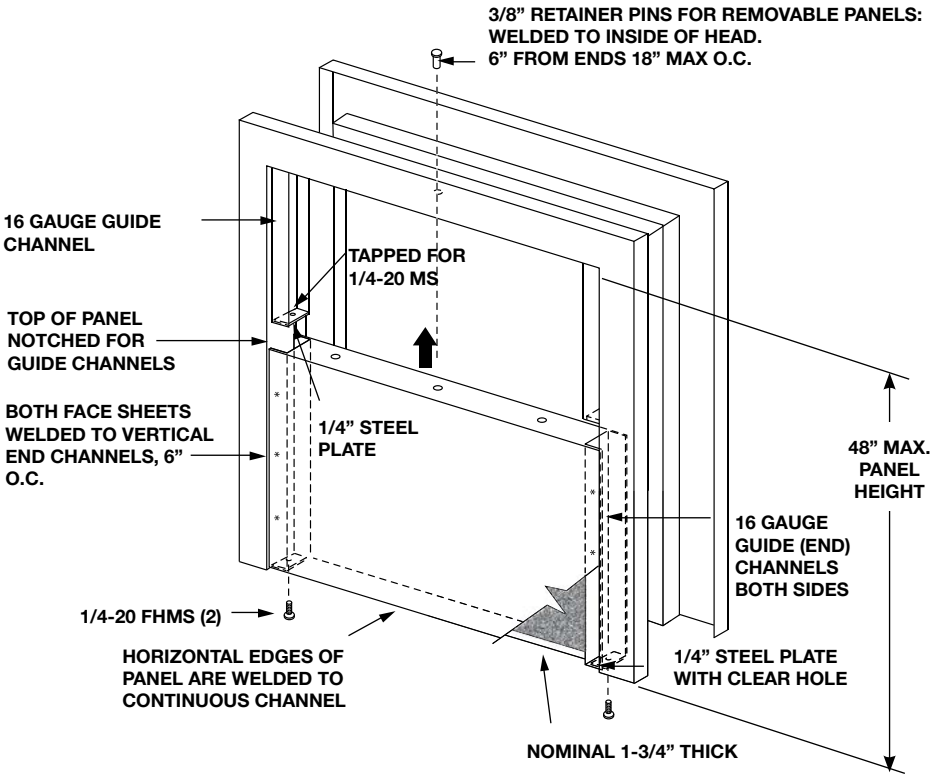
THE ROUGH OPENING WIDTH EQUALS THE FINISHED WIDTH +2".

TRANSOM FRAME REMOVABLE PANEL INSTALLATION

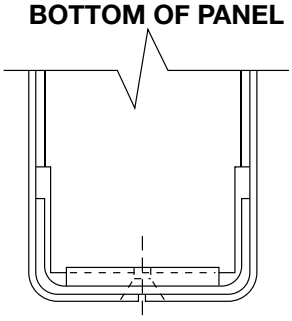
HORIZONTAL ASTRAGAL REQUIRED.

PANEL -
RATED - HONEYCOMB AND MINERAL CORE
NON-RATED - STEEL STIFFENED AND POLYSTYRENE

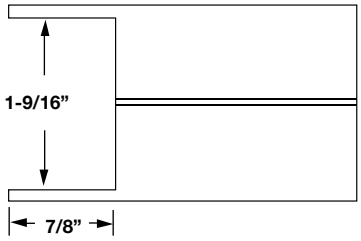
FRAME -
3 HR MAX. RATING
11'4" MAX. HEIGHT
4' MAX. WIDTH SINGLE
8' MAX. WIDTH PAIR

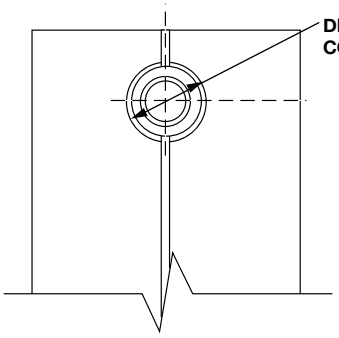


BOTTOM OF PANEL



TOP OF PANEL

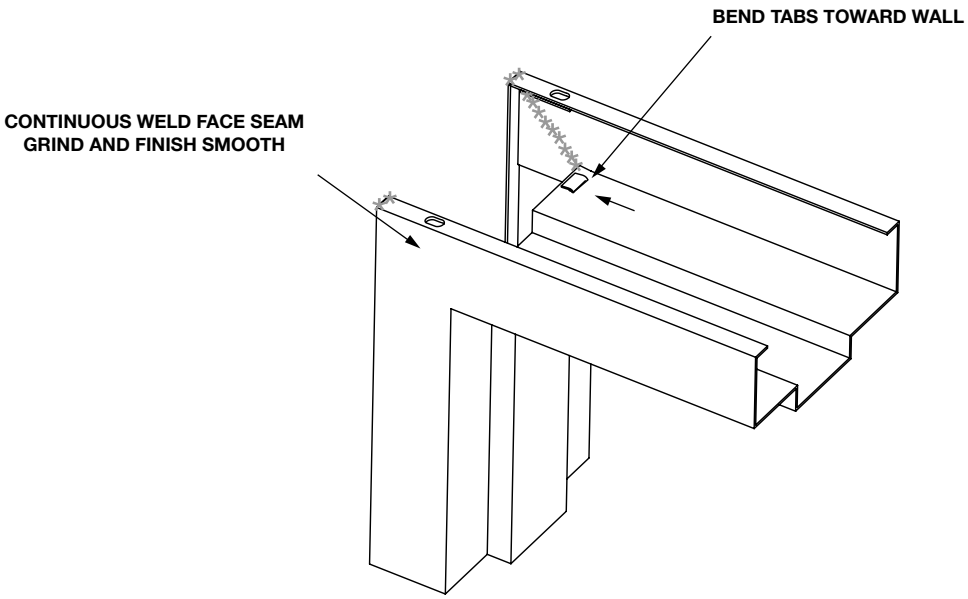




NOTE: PANEL AND TRANSOM FRAME REQUIRE SPECIAL CONSTRUCTION. MUST BE INDICATED ON BOTH DOOR AND FRAME ORDER.

SEAM WELD FLUSH KD

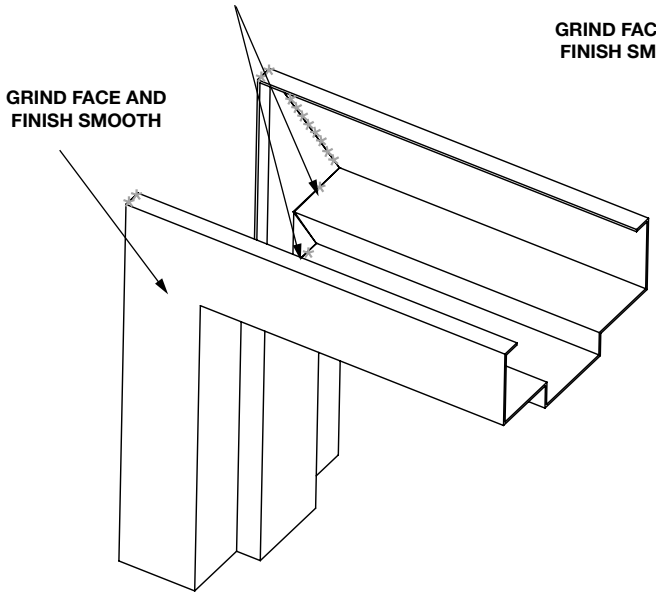
WELD CODE SW (KD)



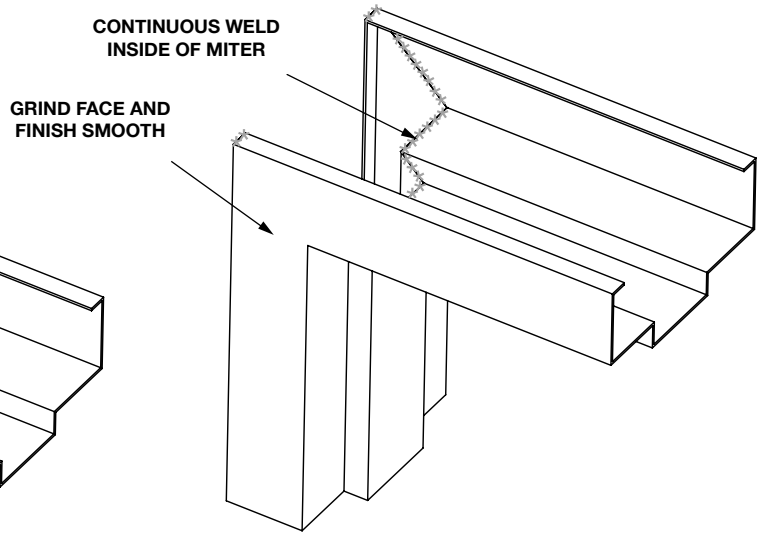
SAW MITER WELD

(L)

WELD CODE SMT



WELD CODE SMW



SAW BUTT WELD

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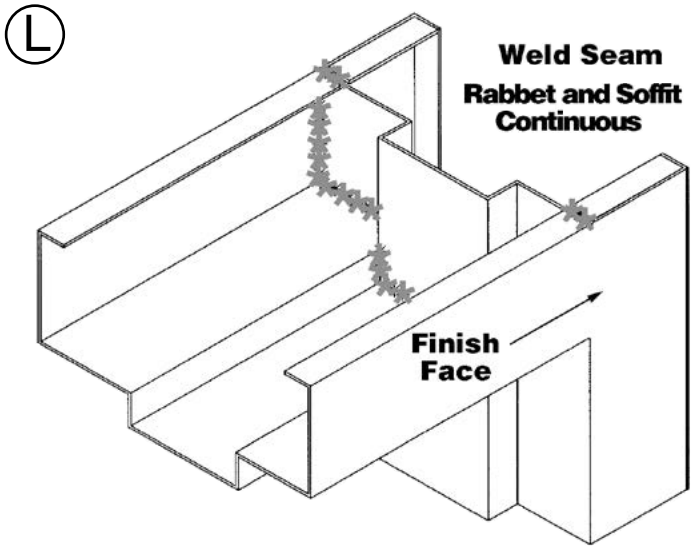
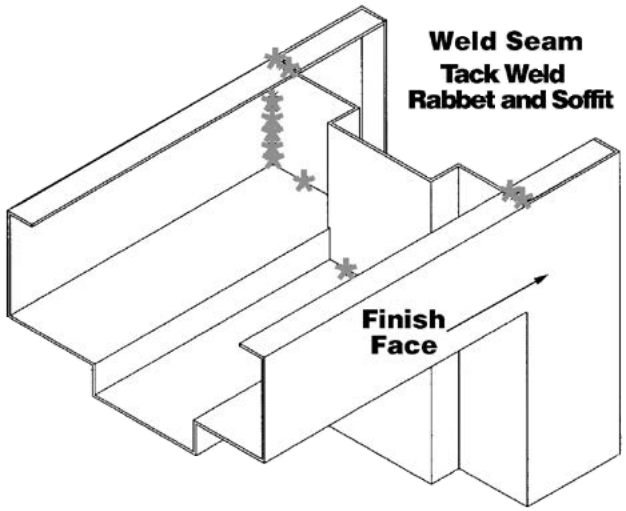
WELD CODE BEW (<3)



WELD CODE BET (<3)



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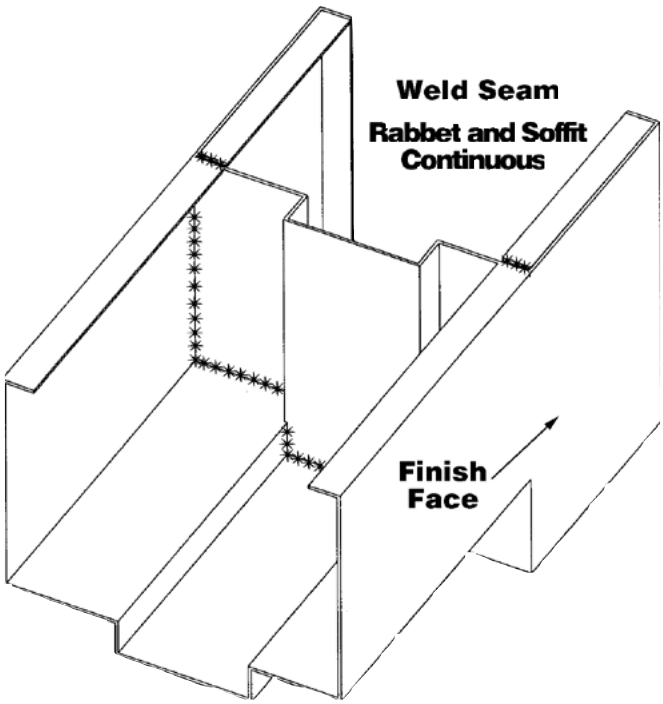
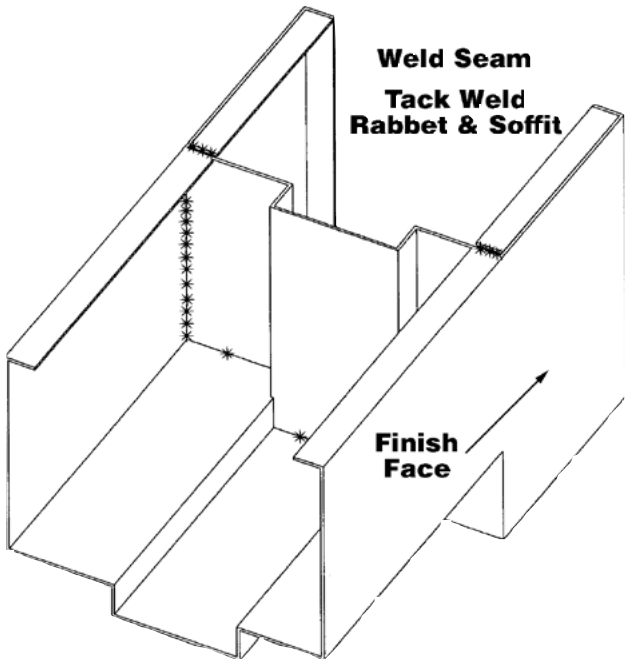


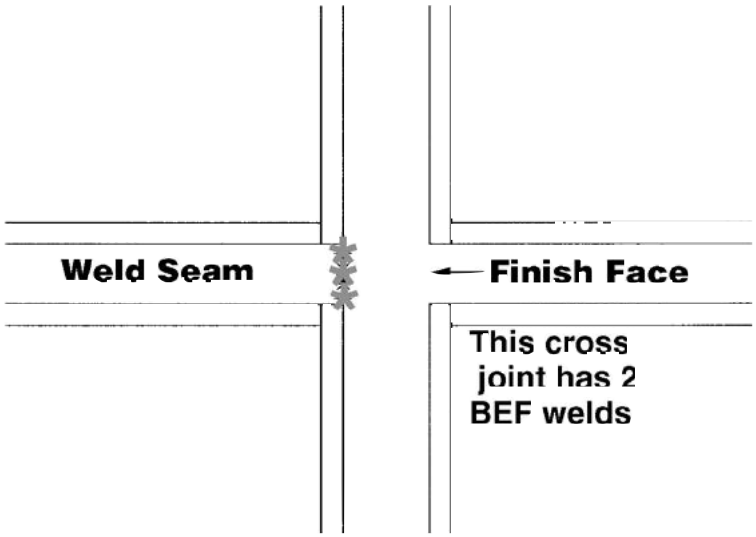
WELD CODE SBT (>3)



CORNER WELDS

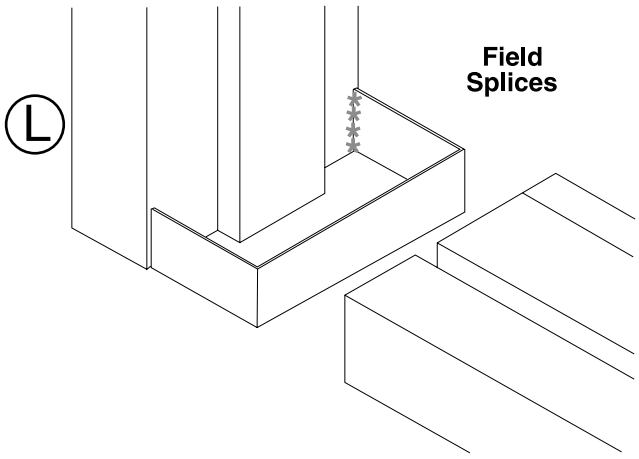
WELD CODE BEF 10

Ⓛ



SPLICE JOINTS

WELD CODE FSP



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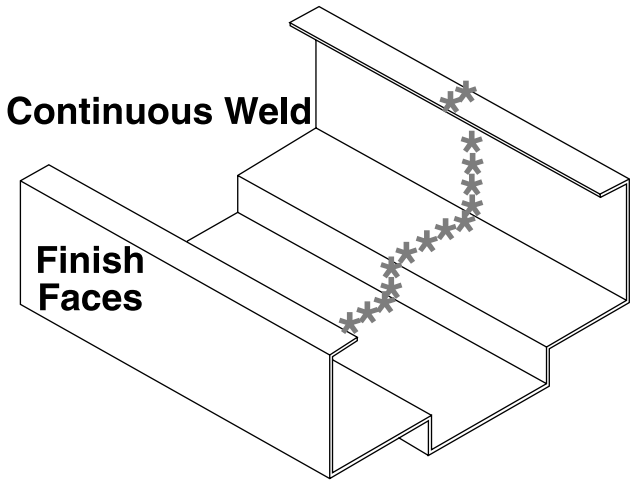
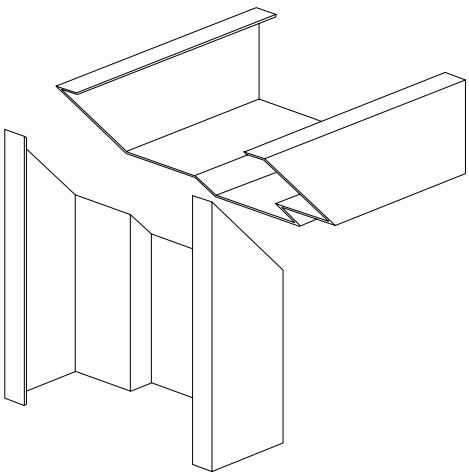


NOTE: FACTORY WELDED FRAMES EXCEEDING 9' X 14' WILL BE PROVIDED WITH FIELD SPLICES

SAW MITER ONLY

WELD CODE SMO



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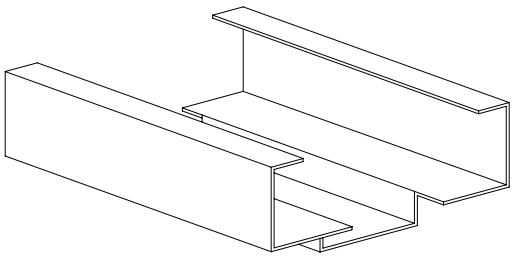
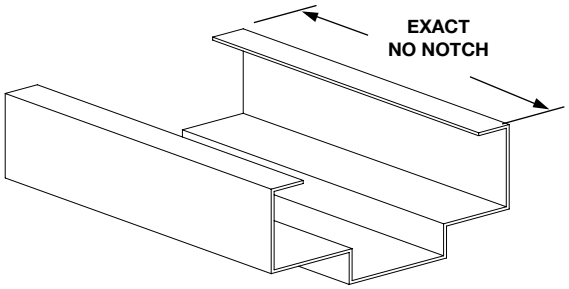


EXACT
NOTCH TOP JAMBS
NOTCH BOTH ENDS. (BLANK OR HEADS)

WELD CODE EBE



NOTE: PREPARED FOR DISTRIBUTOR WELDING

FIELD SPLICE FRAMES

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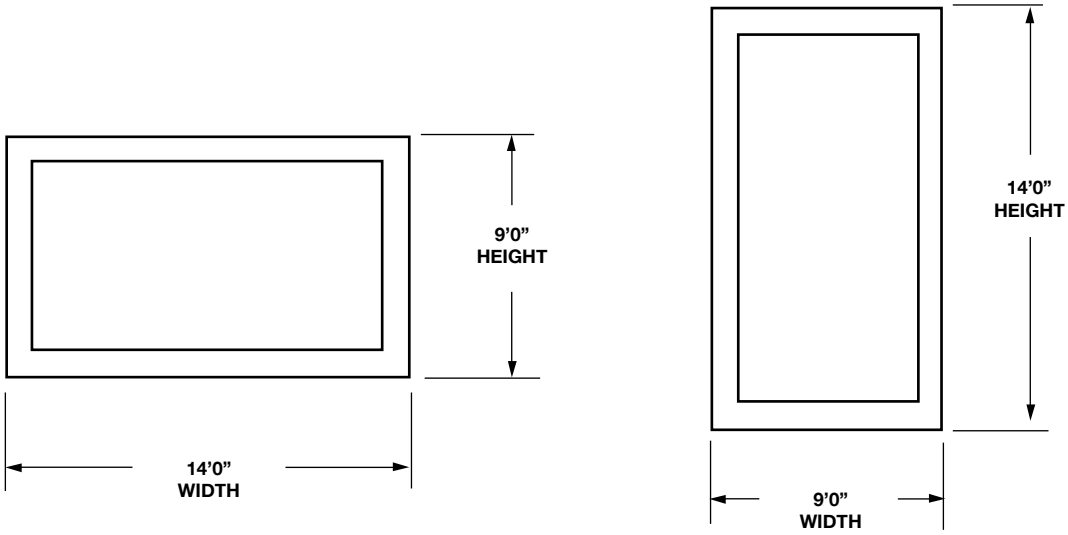
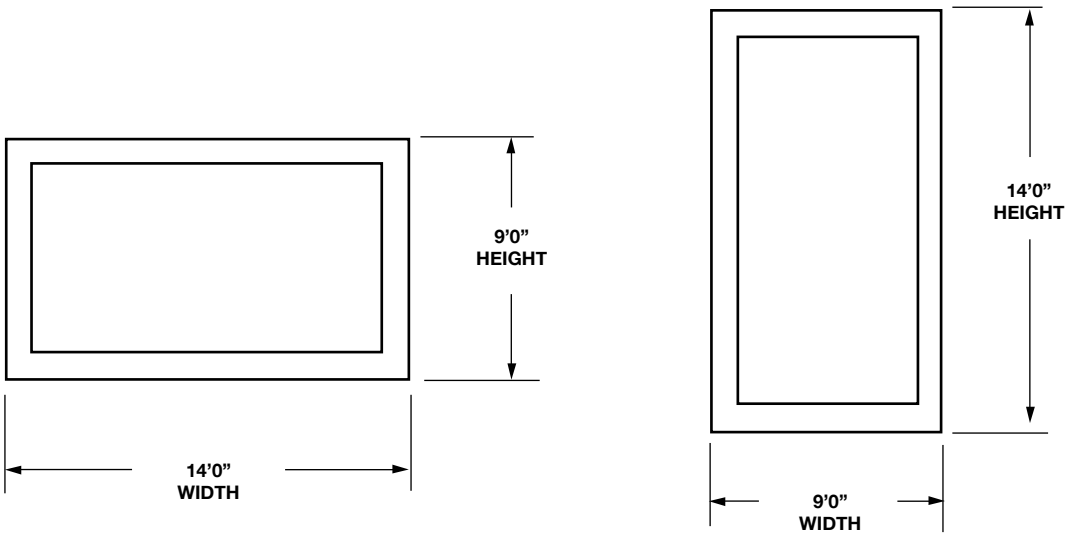
FRAMES FACTORY WELDED AT CURRIES:

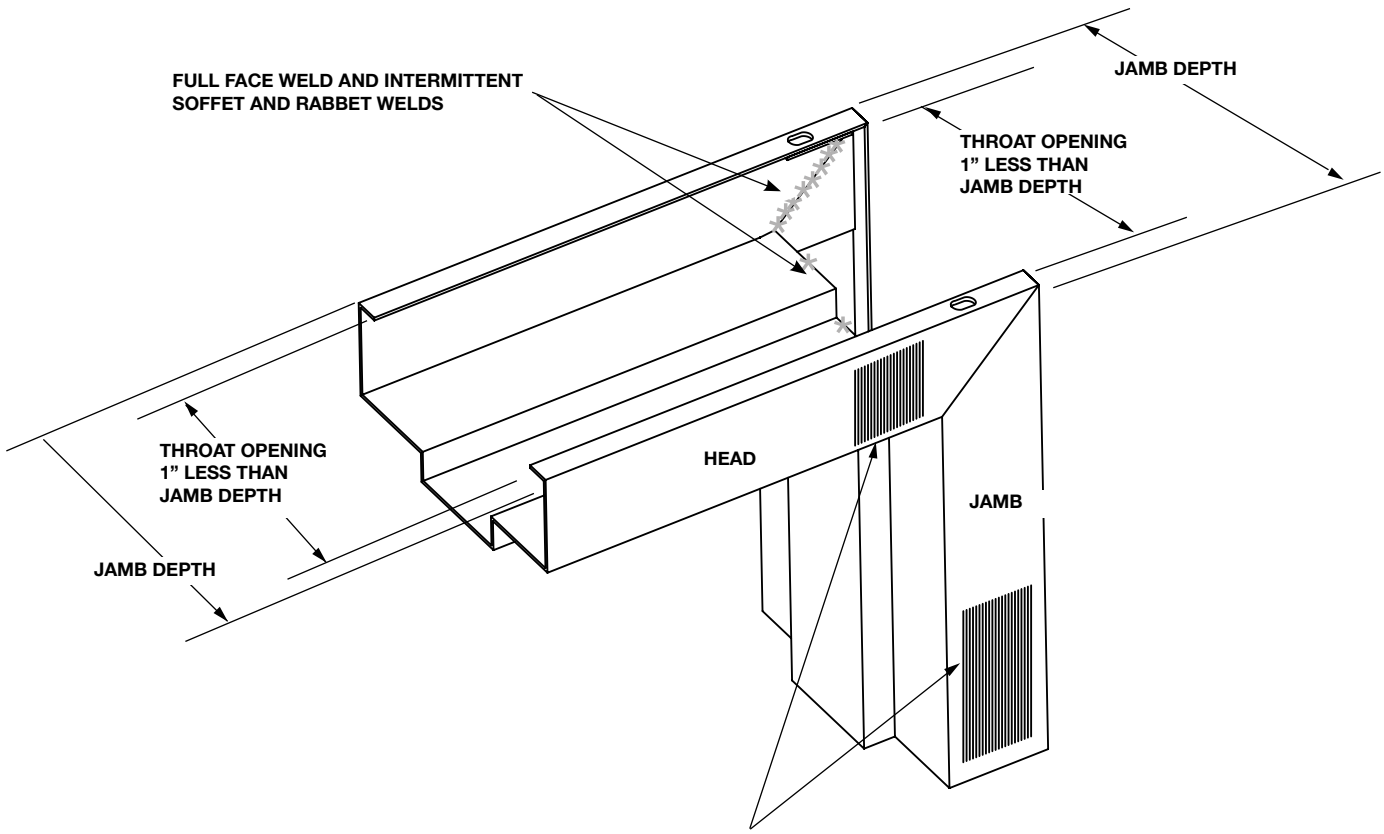
PROVIDE FIELD SPLICES FOR FRAMES THAT EXCEED OVERALL SIZE SHOWN.



FRAMES FACTORY WELDED AT REGIONAL SERVICE CENTERS:

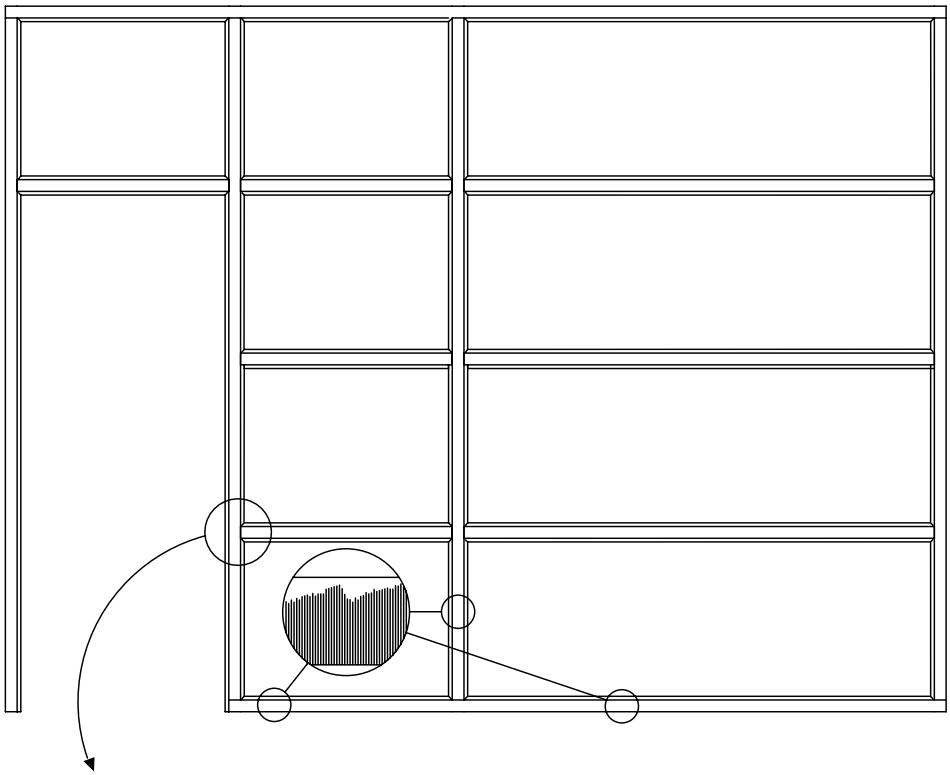


DIE MITERED WELD STAINLESS STEEL

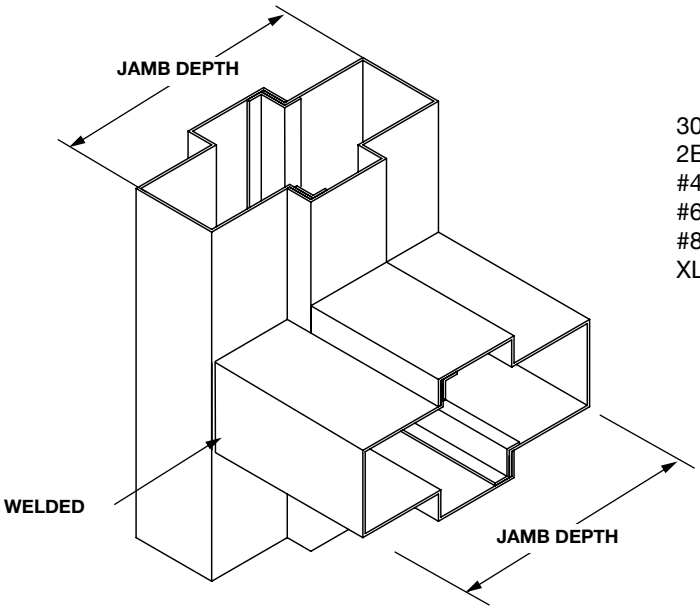


304 OR 316 STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

STAINLESS STEEL SIDELIGHT FRAME

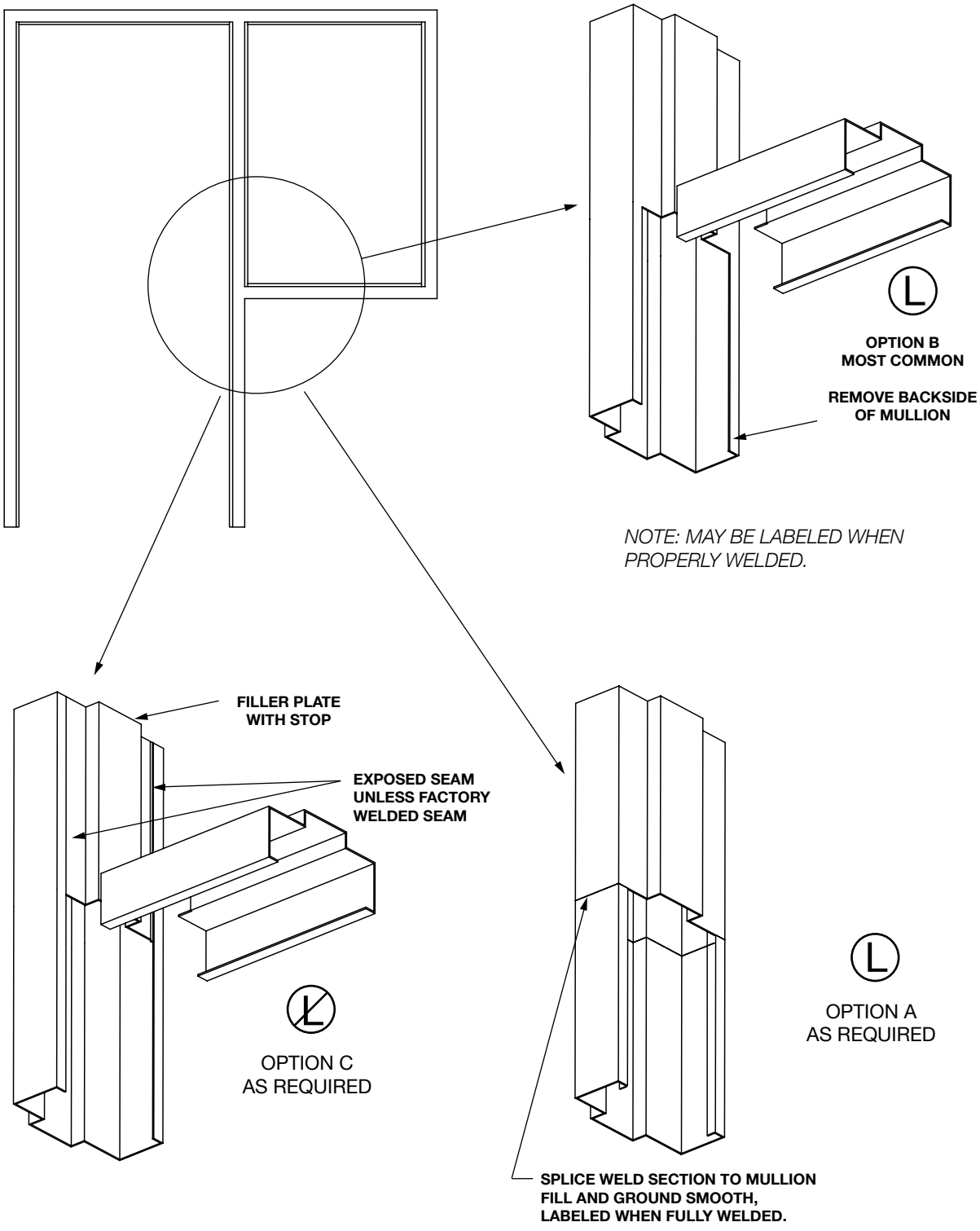


VERTICAL MEMBERS BUTT AT SILL AND HEAD

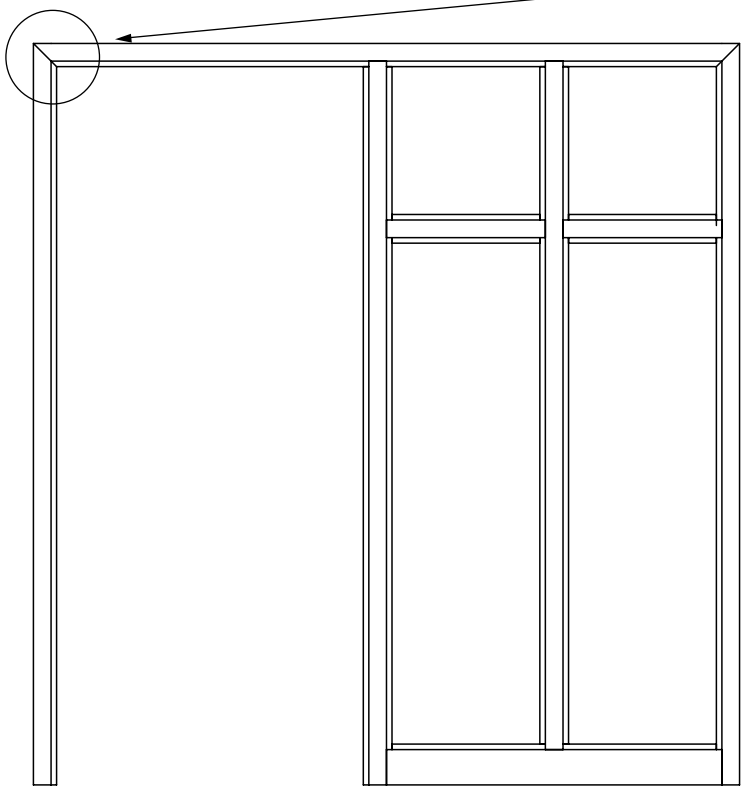


304 OR 316 STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

HALF SIDELIGHT WINDOW OPTION



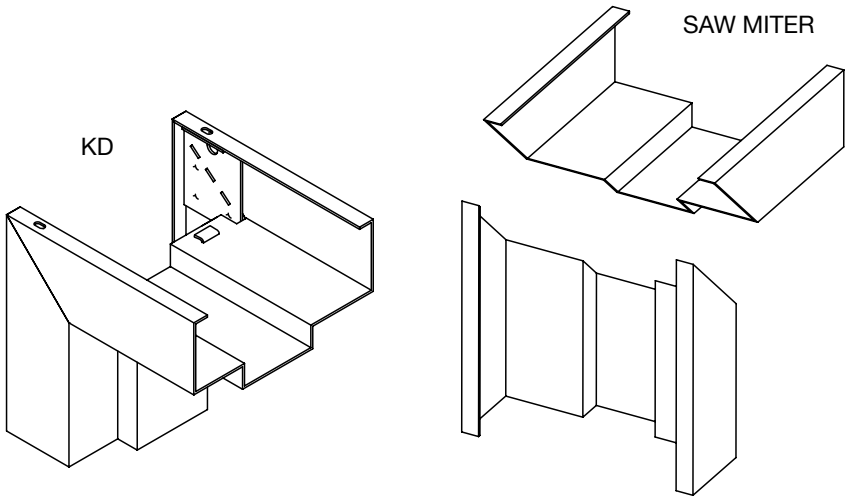
CUT AND NOTCH OPTIONS

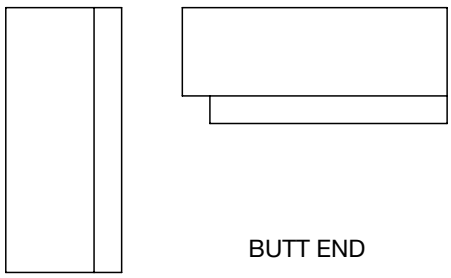


MUST MEET KD PARAMETERS
SAW MITER:*

IF FACES OF HEAD AND JAMB ARE EQUAL
1. EXCEPT: 4" FACE HEAD TO
2" FACE JAMB
BUTT END:* IF FACES ARE UNEQUAL
* SMO OR SBE MUST BE NOTED IN CONSTRUCTION COLUMN.

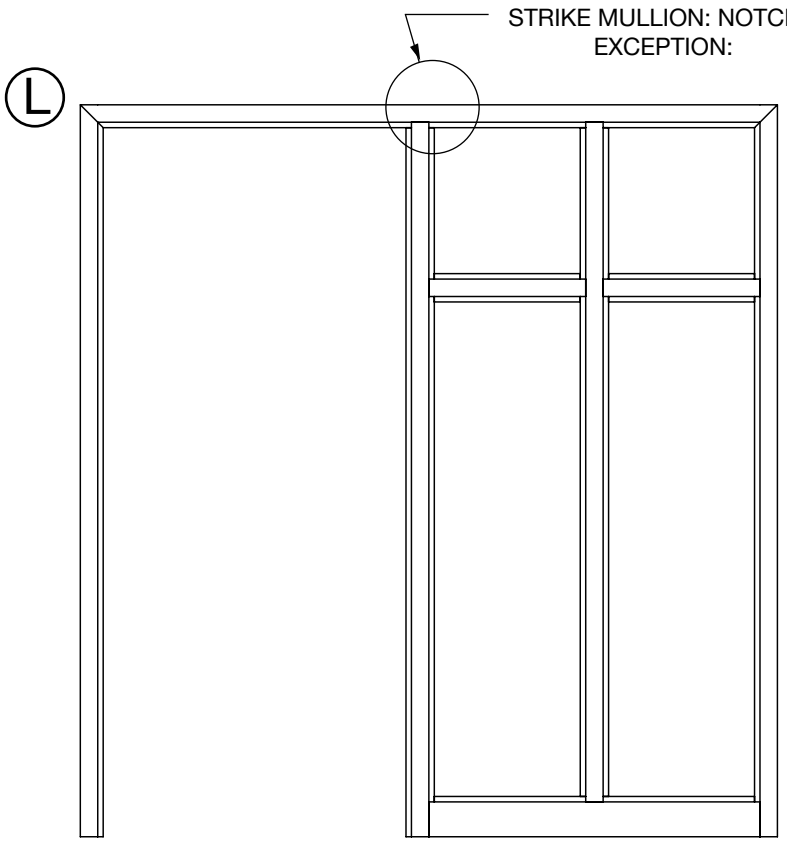
NOTE: MAY BE LABELED WHEN PROPERLY WELDED

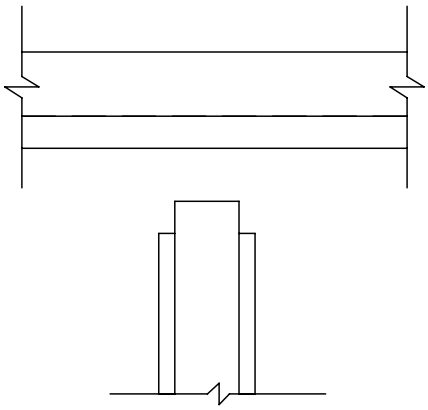




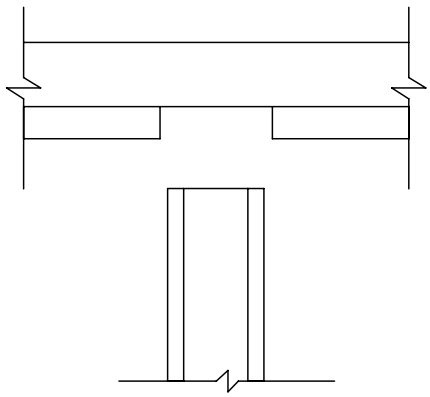
NOTE: MAY BE LABELED WHEN FACE WELDED

CUT AND NOTCH OPTIONS

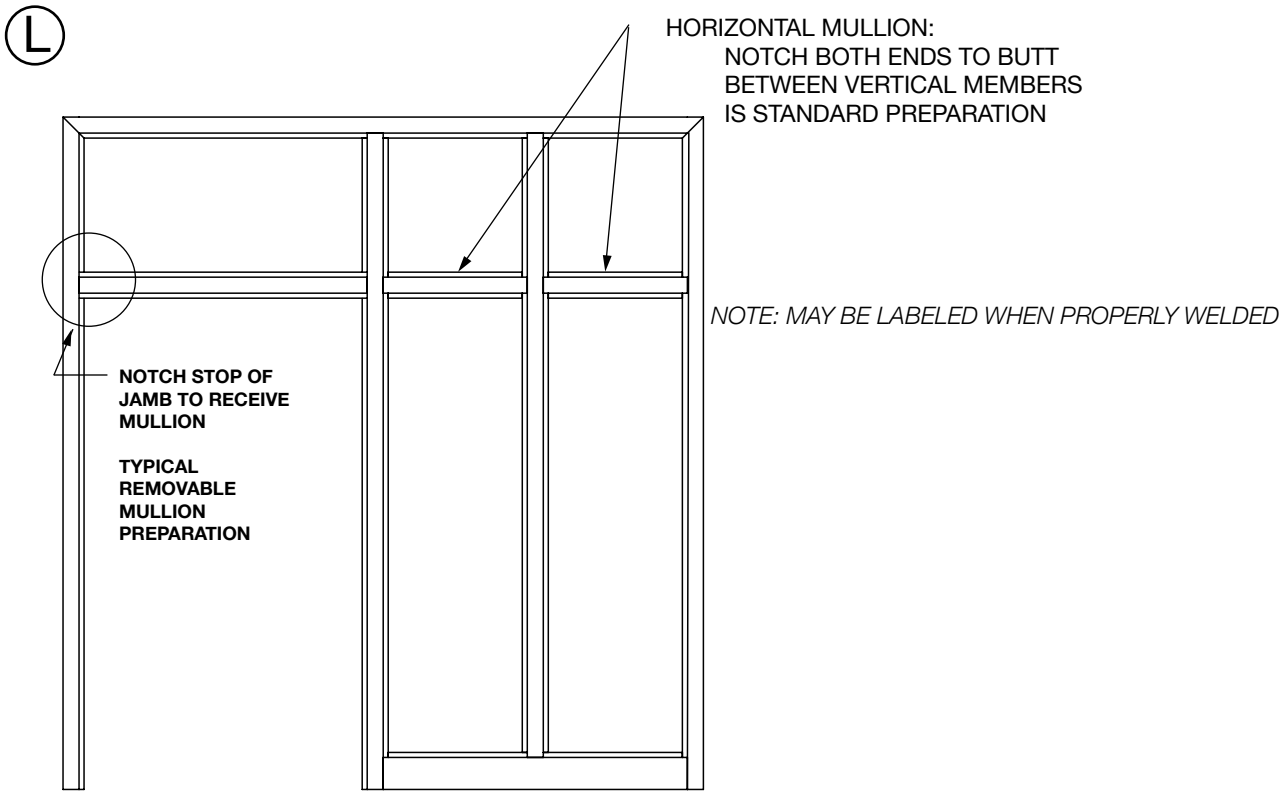


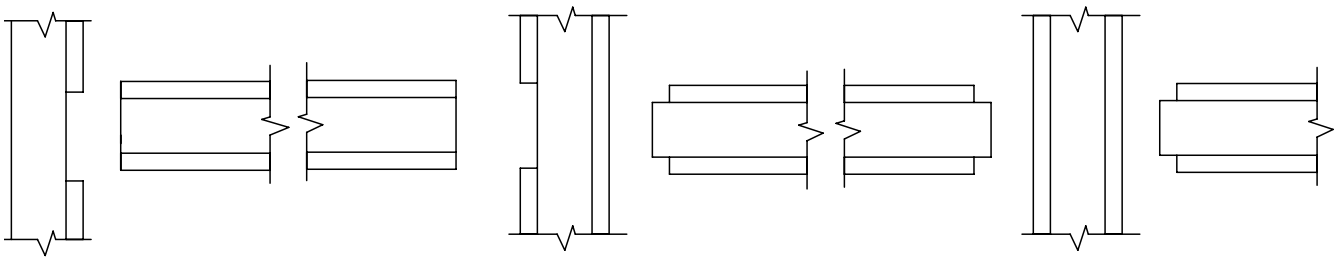


NOTE: PROVIDES ACCESS FOR ELECTRICAL CONDUIT OR GROUT



CUT AND NOTCH OPTIONS

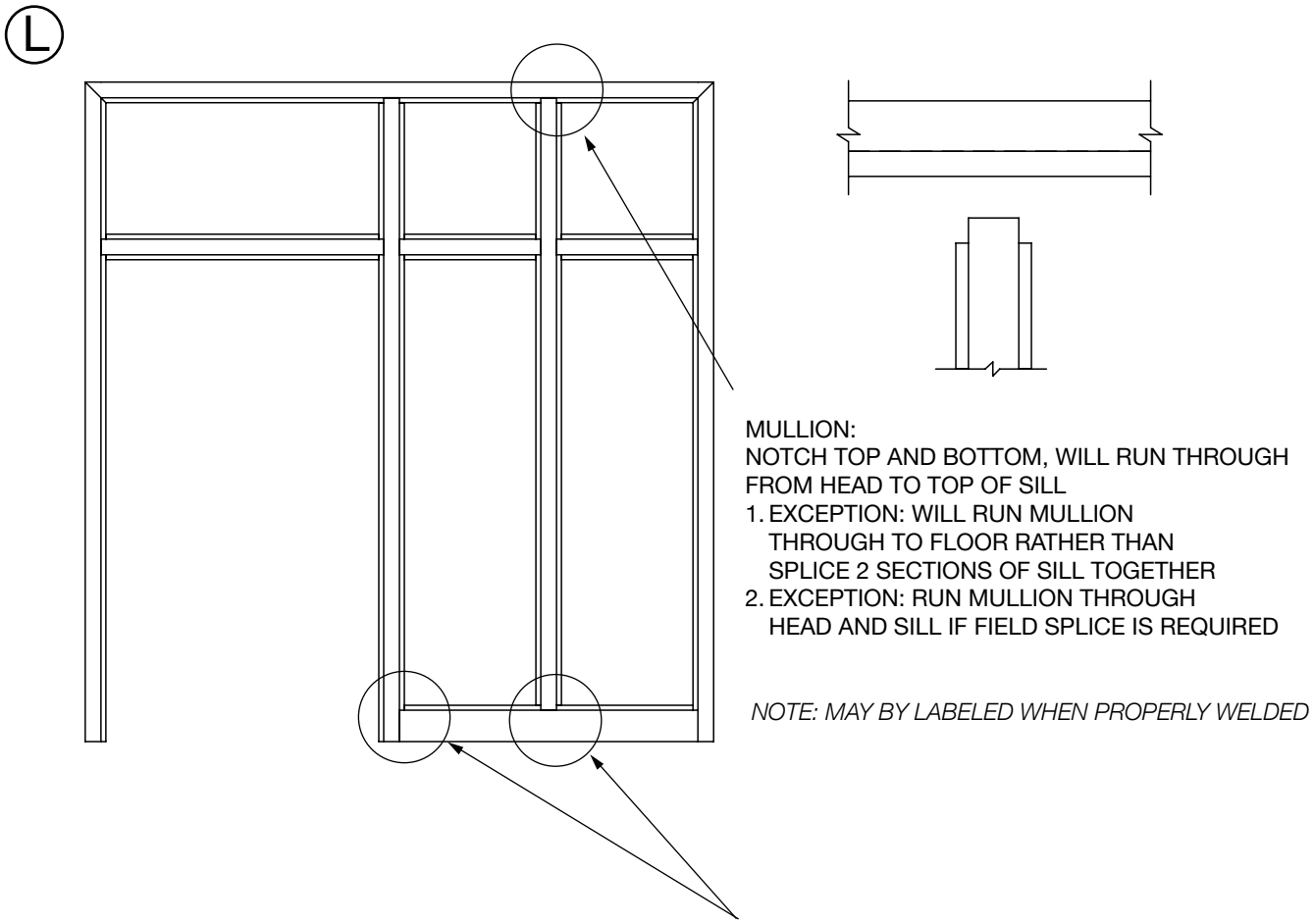




OPTIONAL

STANDARD

CUT AND NOTCH OPTIONS

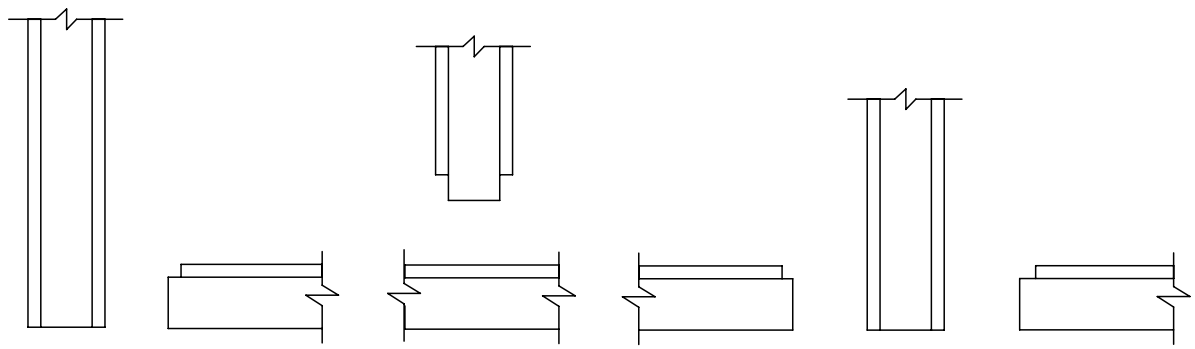


MULLION:
NOTCH TOP AND BOTTOM, WILL RUN THROUGH FROM HEAD TO TOP OF SILL

1. EXCEPTION: WILL RUN MULLION THROUGH TO FLOOR RATHER THAN SPLICE 2 SECTIONS OF SILL TOGETHER
2. EXCEPTION: RUN MULLION THROUGH HEAD AND SILL IF FIELD SPLICE IS REQUIRED

NOTE: MAY BY LABELED WHEN PROPERLY WELDED

SILLS: NOTCH BOTH ENDS TO BUTT BETWEEN VERTICAL MEMBERS

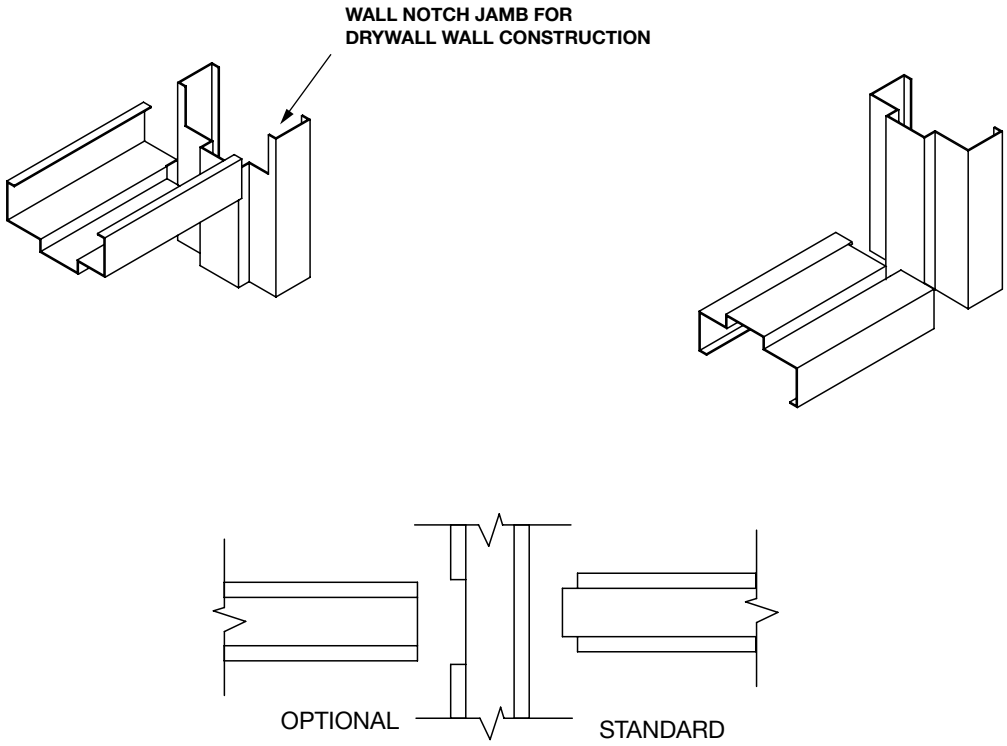


STANDARD

STANDARD

OPTIONAL

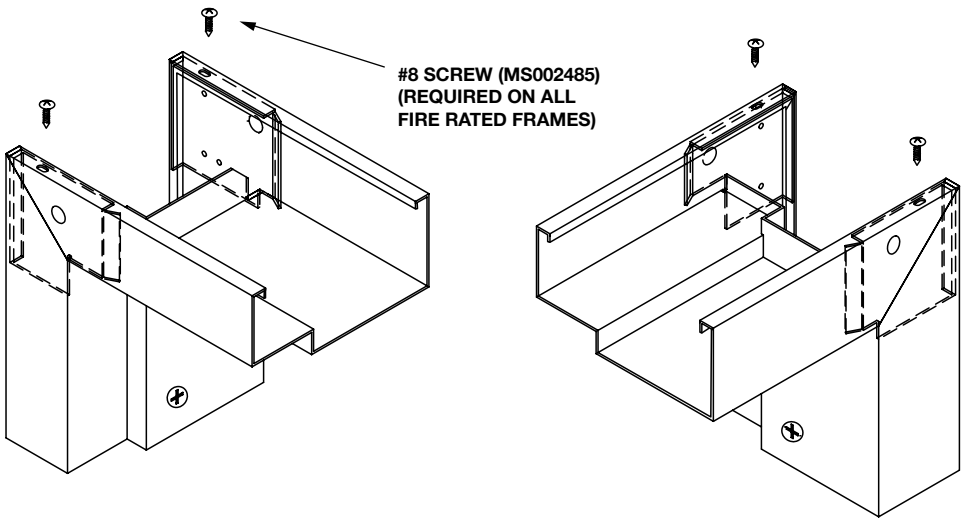
SAW BUTT END



NOTE: MAY BE LABELED WHEN PROPERLY WELDED

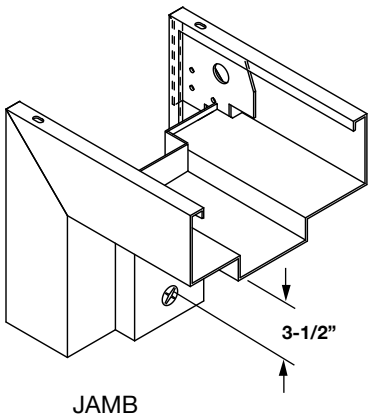
DRYWALL KD “CG” PROFILE CORNER DETAILS

Ⓛ



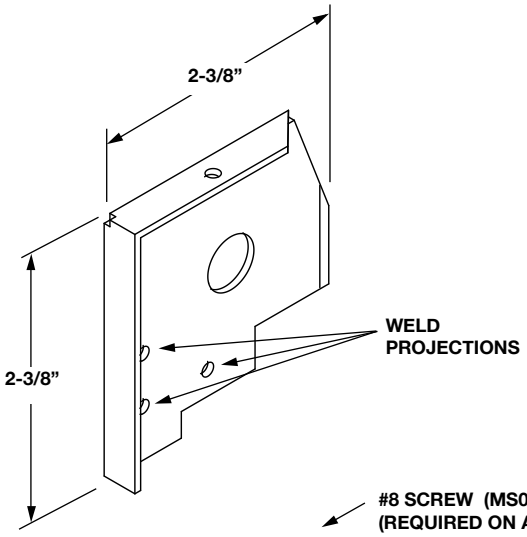
DRYWALL KD FRAME CORNER CLIP DETAIL

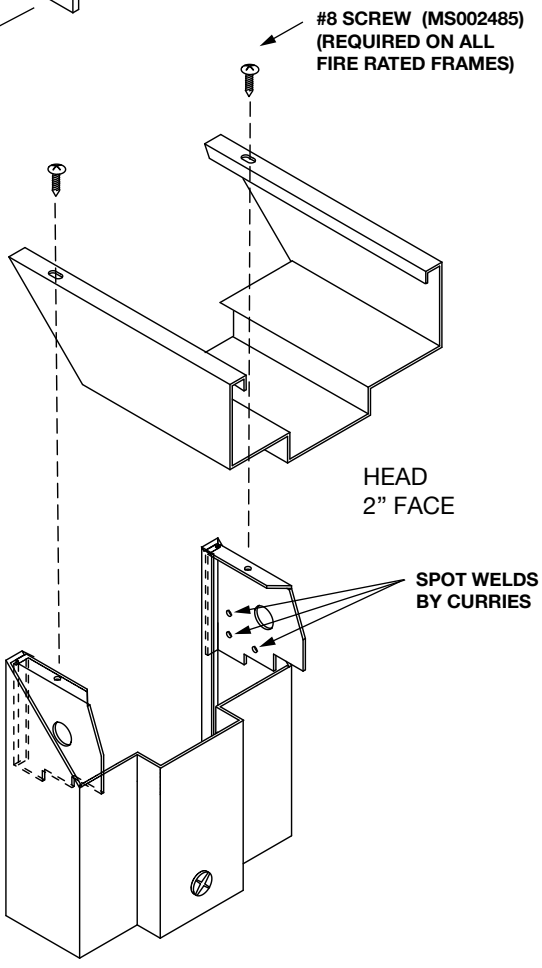
Ⓛ



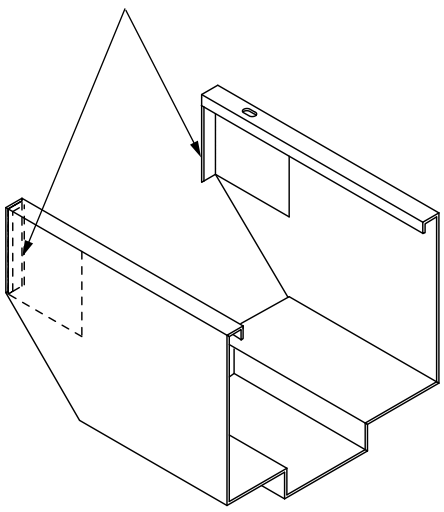
JAMB

C PROFILE CORNER



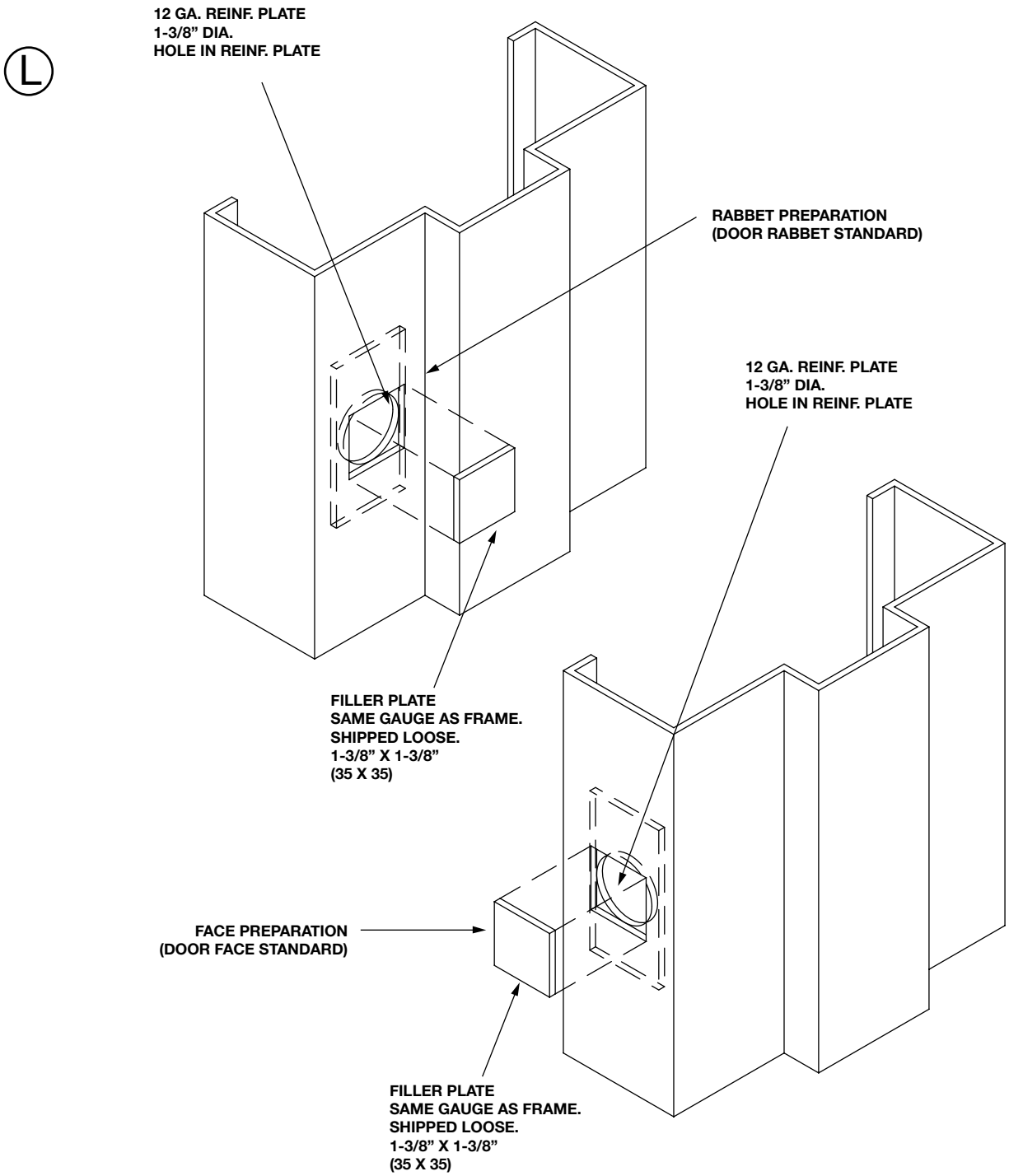


JAMB



HEAD
4” FACE

GROUT HOLE


12 GA. REINF. PLATE
1-3/8" DIA.
HOLE IN REINF. PLATE
RABBET PREPARATION
(DOOR RABBET STANDARD)
12 GA. REINF. PLATE
1-3/8" DIA.
HOLE IN REINF. PLATE
FILLER PLATE
SAME GAUGE AS FRAME.
SHIPPED LOOSE.
1-3/8" X 1-3/8"
(35 X 35)
FACE PREPARATION
(DOOR FACE STANDARD)
FILLER PLATE
SAME GAUGE AS FRAME.
SHIPPED LOOSE.
1-3/8" X 1-3/8"
(35 X 35)

REMOVABLE VERTICAL MULLION/BRACKET

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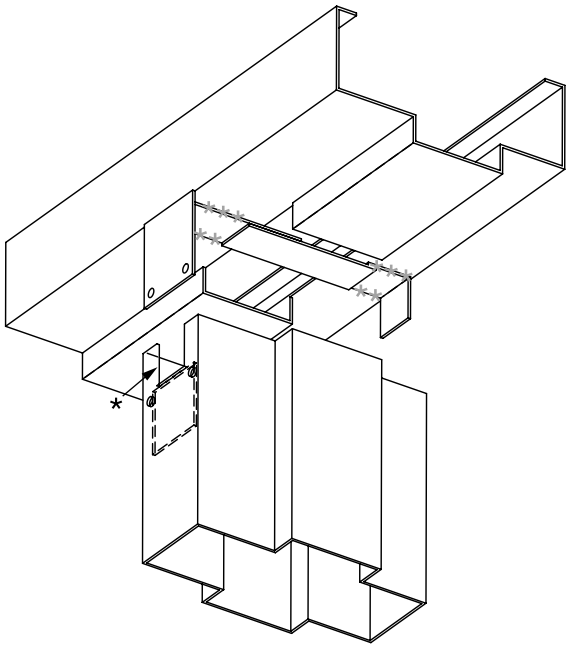
Ⓛ

ANCHOR PART NUMBER: P0090



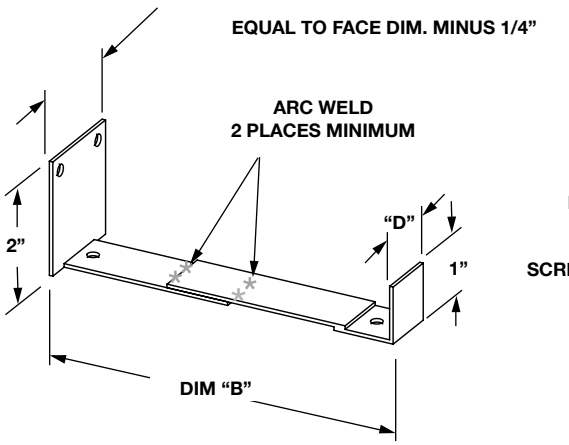
MULLION BRACKET IS USED AT THE TOP AND BOTTOM OF FRAME

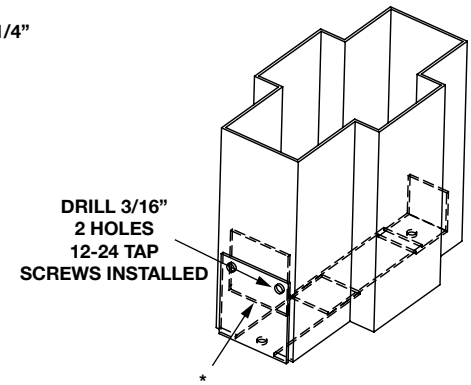
ATTACH MULLION BRACKET TO FRAME

* NOTCH MULLION FACE TO ALLOW DIMENSION “D” TO PASS THRU.

SLIDE MULLION IN PLACE

DIM. “B” = JAMB DEPTH - FRAME GAUGE THICKNESS
DIM. “D” = DETERMINED BY FACE DIMENSION





NOTE: THE MULLION WILL BE REMOVABLE FROM THE FACE OPPOSITE THE DOOR RABBET.

REMOVABLE HORIZONTAL MULLION/BRACKET

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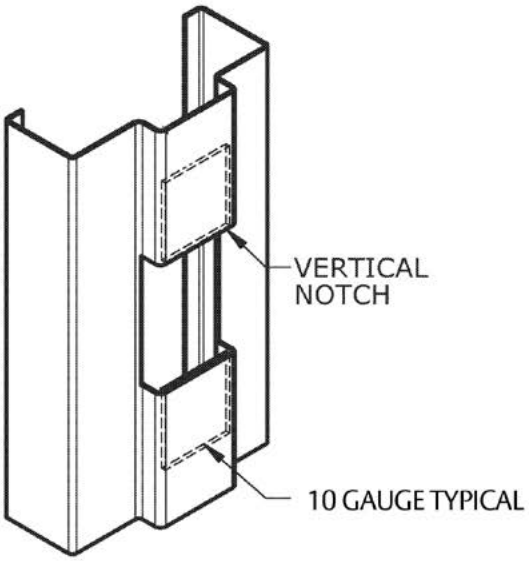
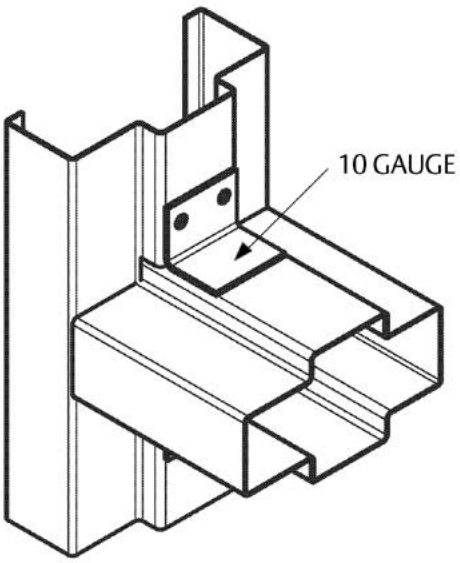
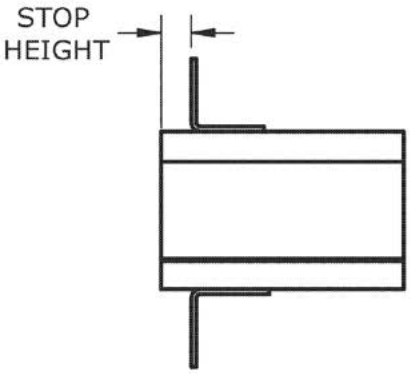


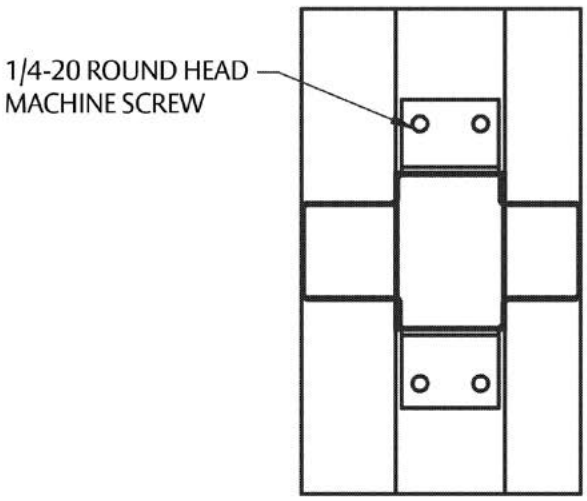
VERTICAL RAIL



ASSEMBLED



HORIZONTAL MULLION RAIL

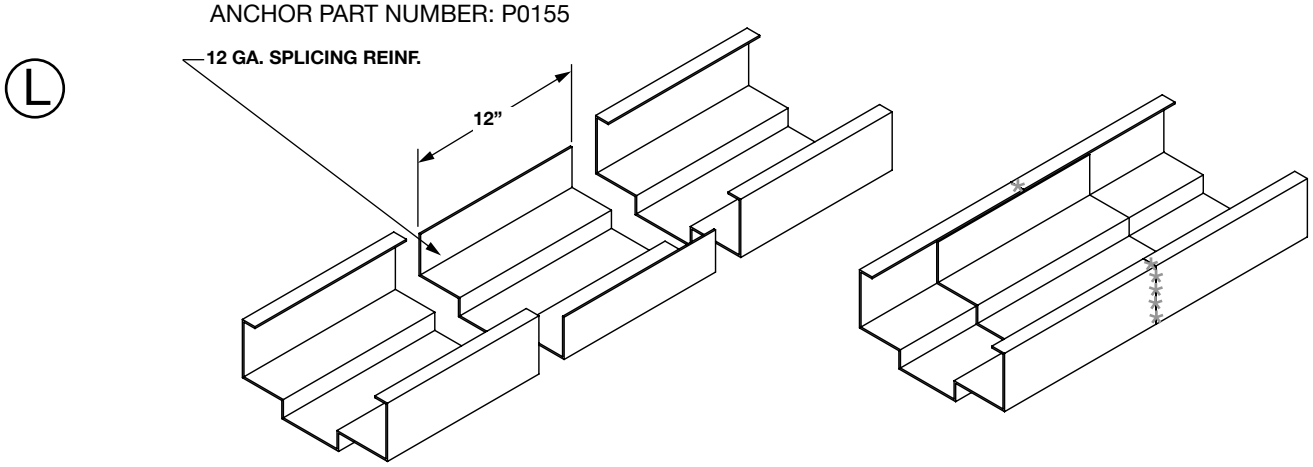


NOTE: USED WITH REMOVABLE TRANSOM PANEL.

SPLICE CONNECTION HEAD OR JAMB

1. FIT SPLICING SLEEVE REINF. HALFWAY INTO ONE SIDE AND TACK WELD IN PLACE.
2. SLIP OTHER SIDE OVER SPLICING SLEEVE REINF. AND ALIGN SEAMS FOR STRAIGHTNESS.
3. TACK WELD SPLICING SLEEVE REINF. INSIDE AND TACK WELD OUTSIDE SEAM AT BOTH FACES.
4. CONTINUOUS WELD SEAM - GRIND AND FINISH SMOOTH.

ANCHOR PART NUMBER: P0155

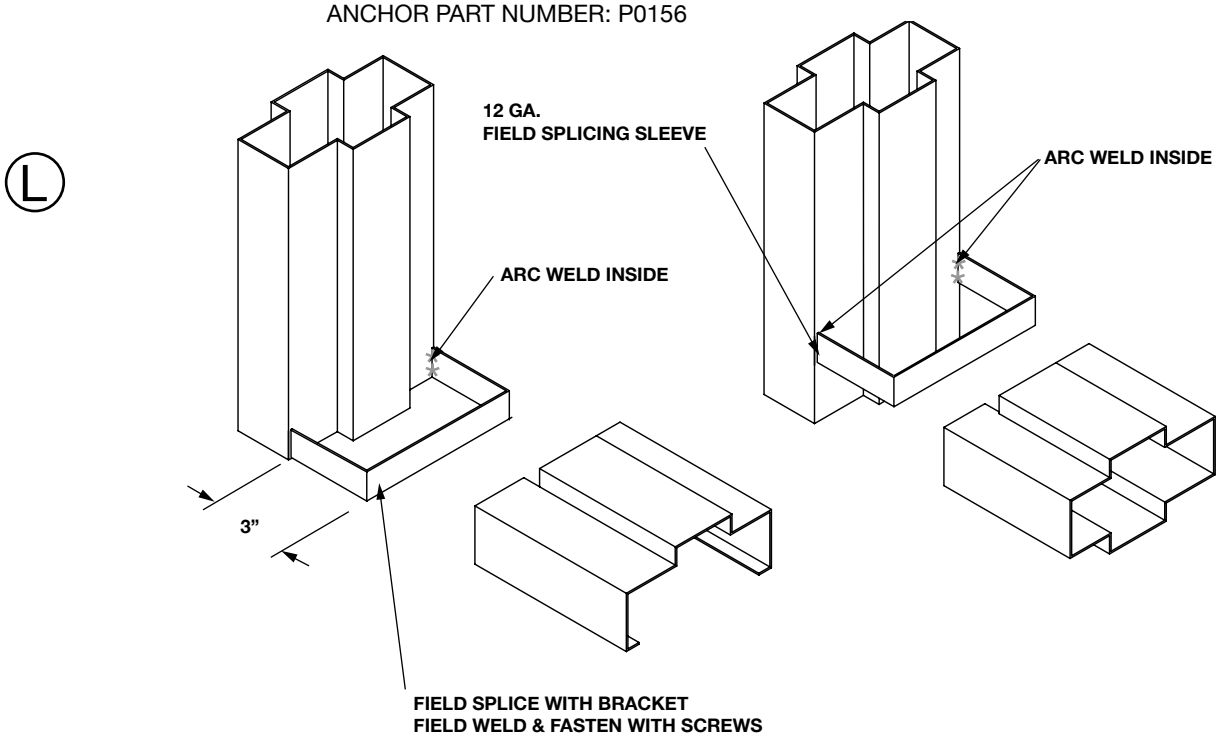


FIELD SPLICE CONNECTION WITH BRACKET

NOTES FOR LABELING PURPOSES:

1) NOTCH SOFFIT OF ADJOINING PIECE.
2) ARC WELD SPLICING SLEEVE BRACKET TO MULLION.
3) FULL WELD FACES OF BOTH PIECES TOGETHER, OR ATTACH WITH 3 #10 SCREWS THROUGH FACE INTO FIELD SPLICING SLEEVE BRACKET.

ANCHOR PART NUMBER: P0156



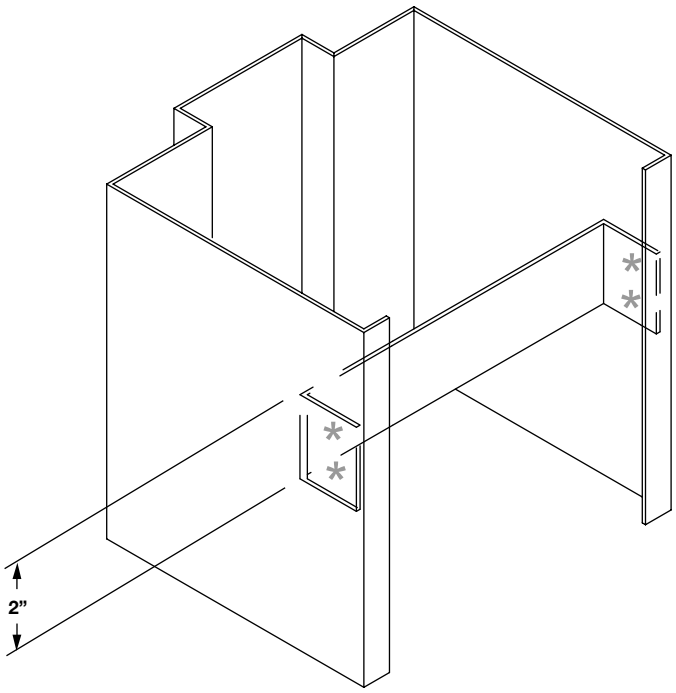
SILL REINFORCEMENT

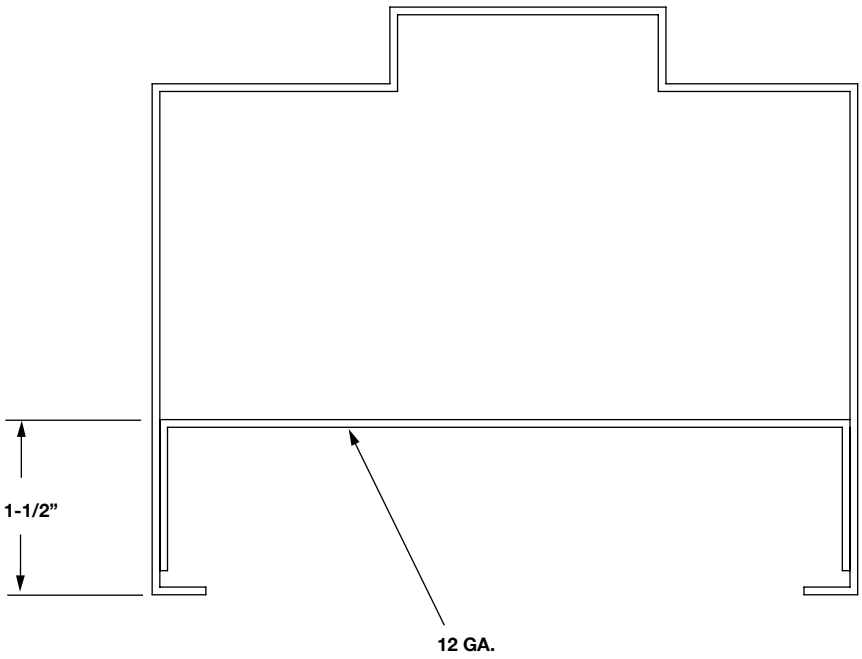
ANCHOR PART NUMBER: P320

LOCATED EVERY 18” OF SILL LENGTH WHEN FACE EXCEEDS 5”.
PROVIDES ADDITIONAL SUPPORT TO PROFILE FACE.

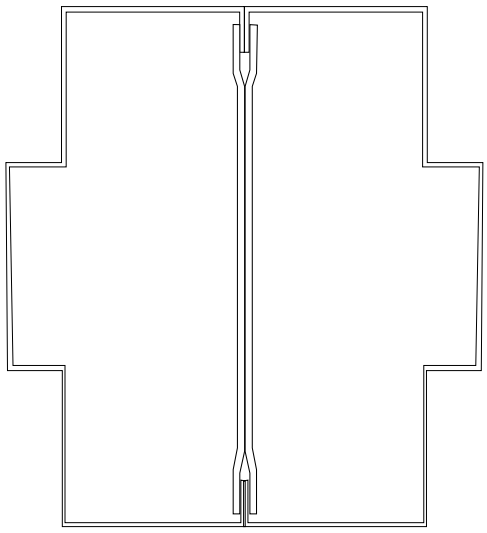
Ⓛ

ONE STIFFENER EVERY 18” OF LENGTH ON FACE DIMENSIONS 5” TO 9” FACE DIMENSIONS 9” THRU 16” MAX. REQUIRE TWO STIFFENERS PER 18” OF LENGTH.

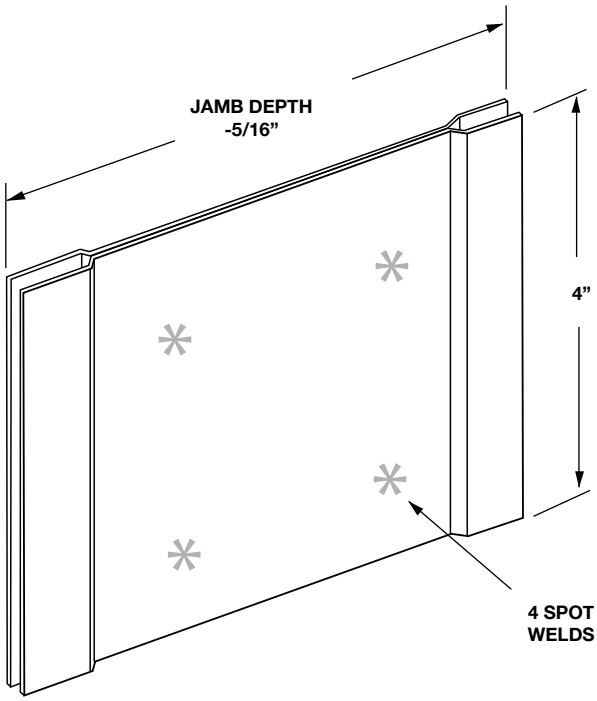




LOOSE SPLINE SLEEVE



PART #P200
16 GA.



16 GA.

PART #P200

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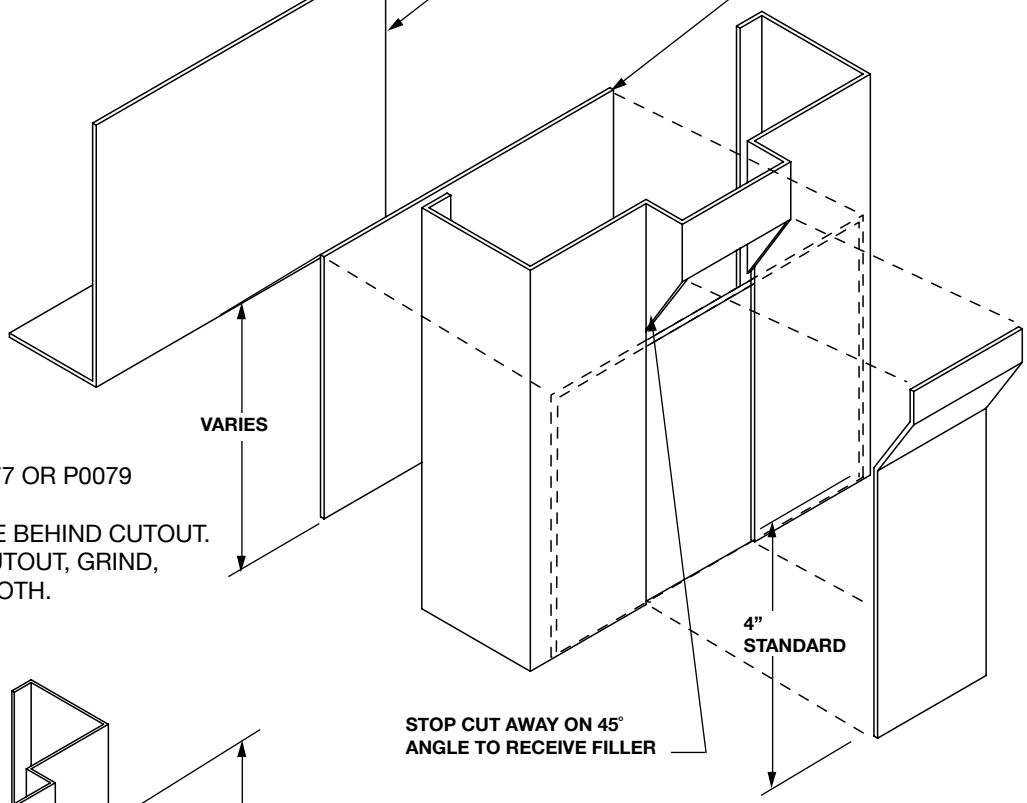
NOTE: FOOTCLIP REQUIRED FOR LABEL

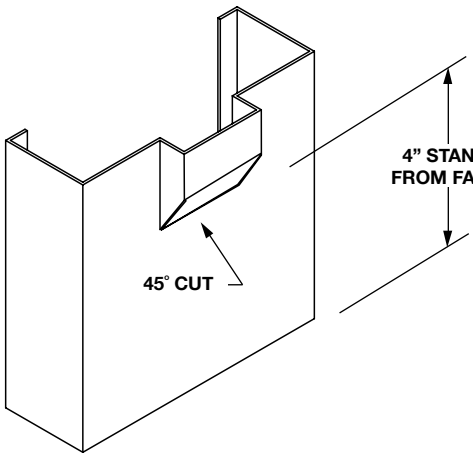
Ⓛ

ANCHOR PART NUMBER: P0079
FILLER & BACKING PLATE
USED ON FRAMES NOT REQUIRING A FOOT CLIP OR FRAMES THAT HAVE SOME OTHER BASE ANCHORING METHOD.

ANCHOR PART NUMBER: P0077
FILLER & COMBINATION BACKING PLATE-FOOT CLIP
USED ON FRAMES REQUIRING A FOOT CLIP.



CHOOSE EITHER P0077 OR P0079 BACKING PLATE.
WELD BACKING PLATE BEHIND CUTOUT.
WELD FILLER INTO CUTOUT, GRIND, FILL AND FINISH SMOOTH.

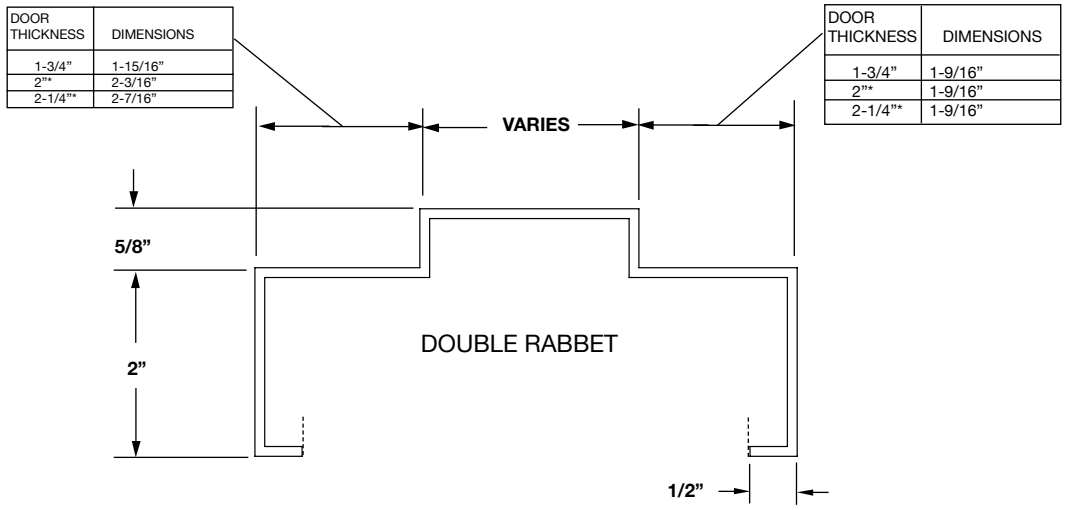


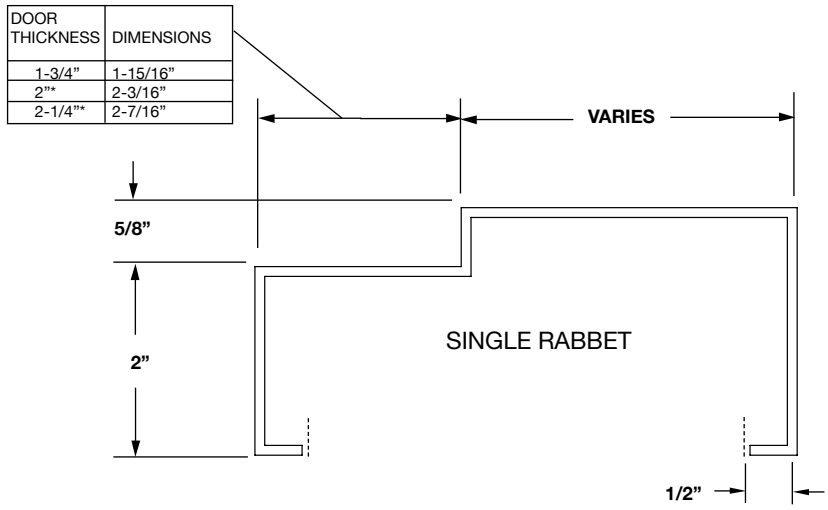
*** FILLER SIZES AVAILABLE UP TO 9" HIGH**

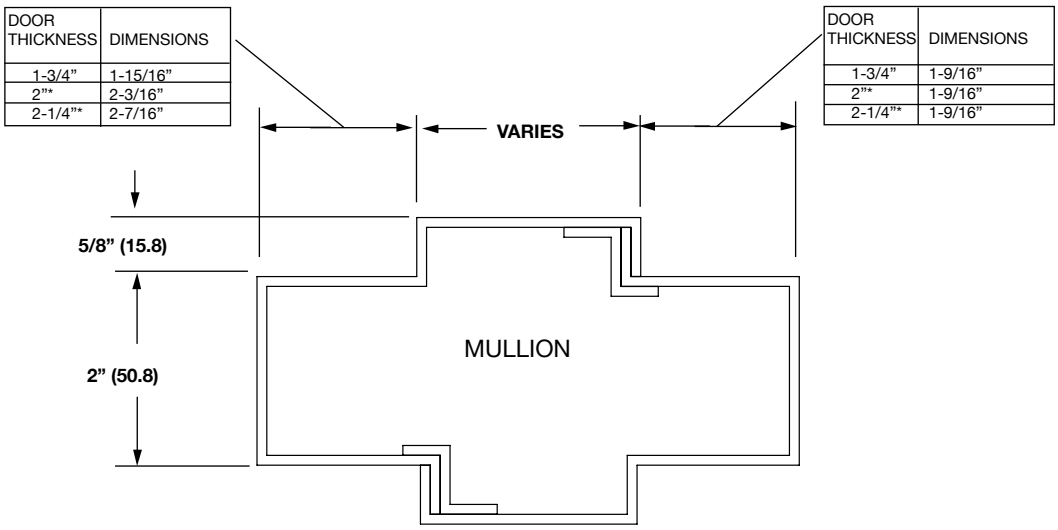
** HEIGHTS AVAILABLE FROM 1" TO 9" HIGH. 6" HIGH MAXIMUM ON FIRE RATED FRAMES FACTORY INSTALLED OR BY SECOND LOCATION SHOP*

FRAME STANDARD RABBET DIMENSIONS

Ⓛ

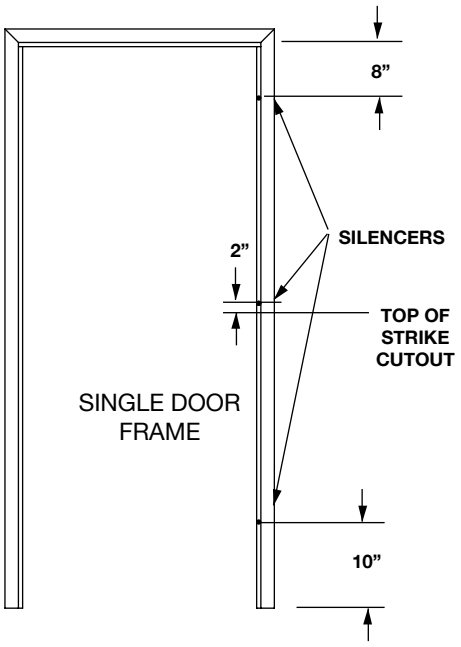


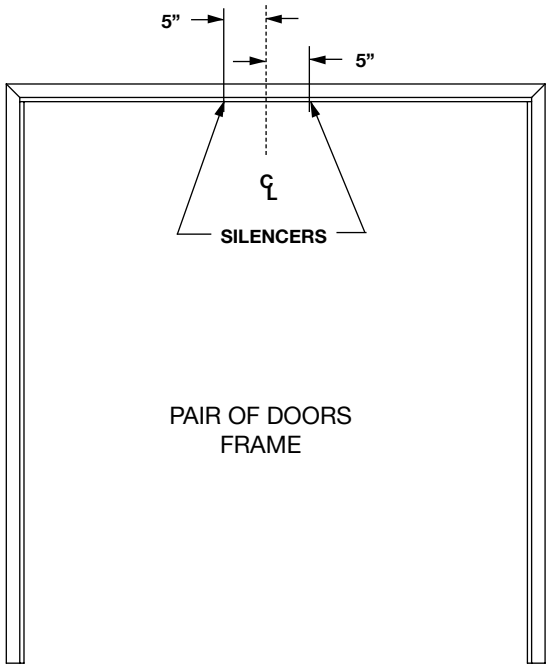


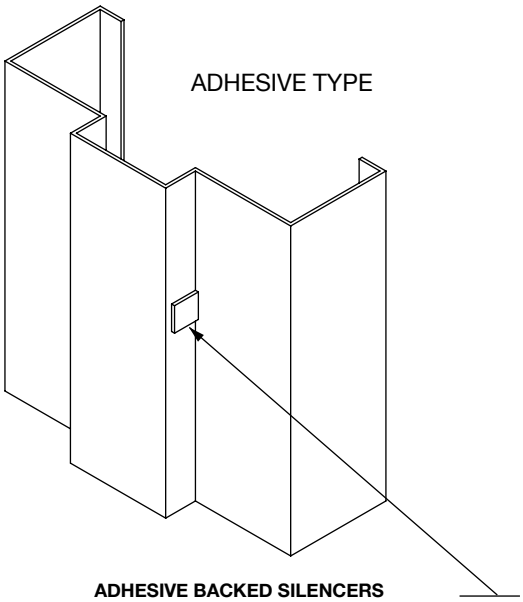


* NOT AVAILABLE KNOCKDOWN (KD)

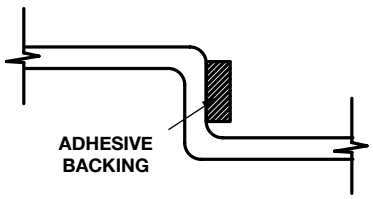
DOOR SILENCERS

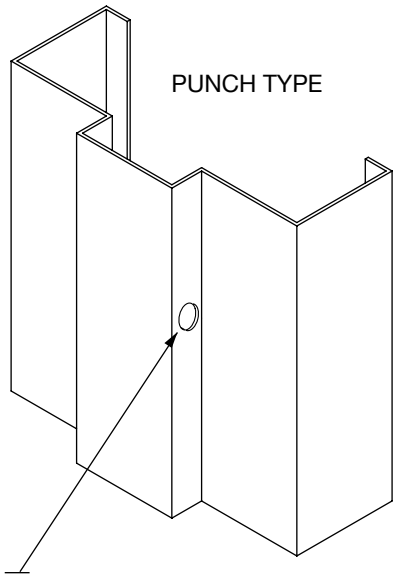




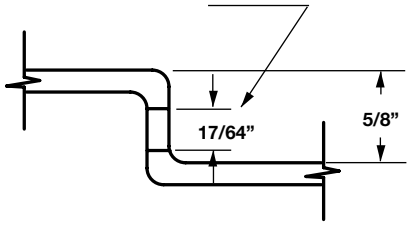


ADHESIVE BACKED SILENCERS
FIELD APPLIED AFTER FINISH PAINTING

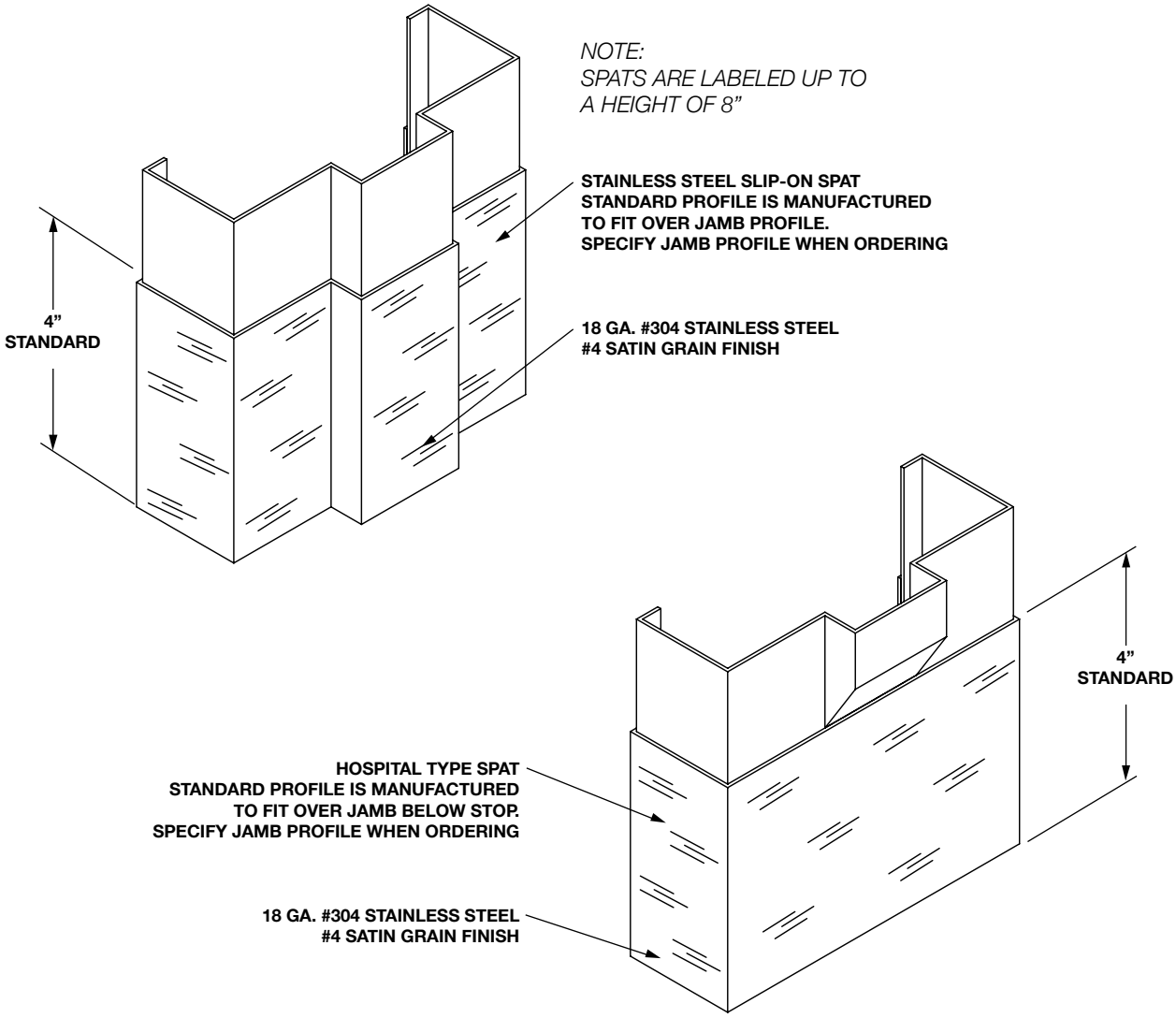




17/64" DIA. HOLE
TO ACCEPT PUSH IN
TYPE SILENCERS

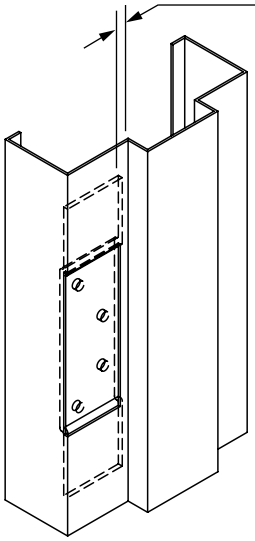


STAINLESS STEEL SLIP-ON TYPE SPATS



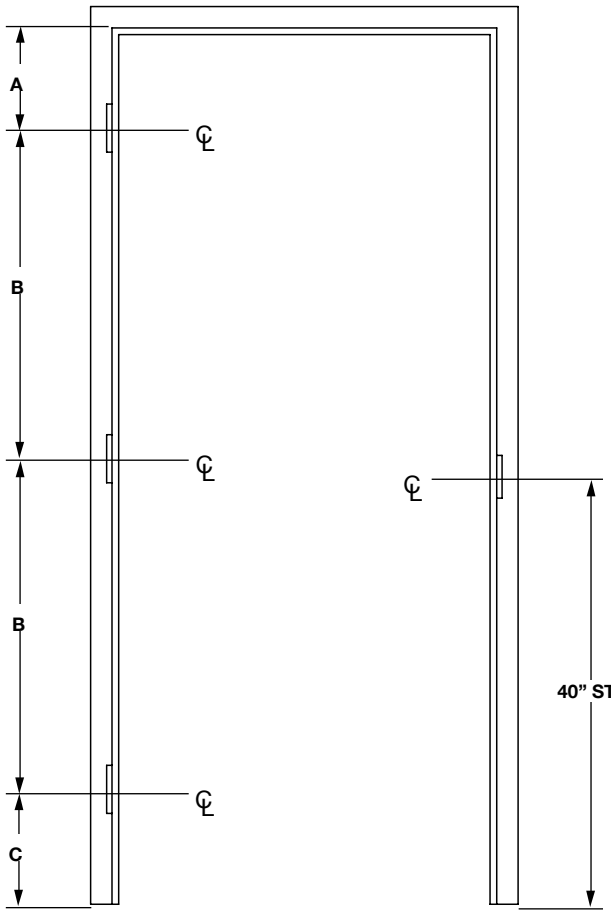
CURRIES STANDARD HINGE & STRIKE LOCATIONS FOR 1-3/4" FRAMES

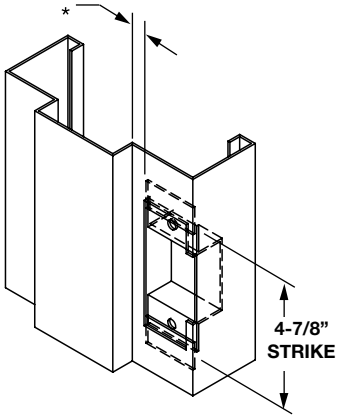
	SIZE	A	B	C
Ⓛ	6'8"	7-1/4"	30-1/4"	12-1/4"
Ⓛ	6'10"	7-1/4"	31-1/4"	12-1/4"
Ⓛ	7'0"	7-1/4"	32-1/4"	12-1/4"
Ⓛ	7'2"	7-1/4"	33-1/4"	12-1/4"
Ⓚ	7'10"	7-1/4"	37-1/4"	12-1/4"
Ⓚ	8'0"	7-1/4"	38-1/4"	12-1/4"



HINGE SIZE MAY VARY ℄ LOCATION REMAINS THE SAME
HINGE BACKSET: 5/16" FOR 1-3/4" DOOR
5/8" FOR 2" DOOR
5/8" FOR 2-1/4" DOOR
DOOR RABBETS: 1-15/16" FOR 1-3/4" DOOR
2-3/16" FOR 2" DOOR

FOR USE WITH THREE HINGES 4-1/2" OR 5"



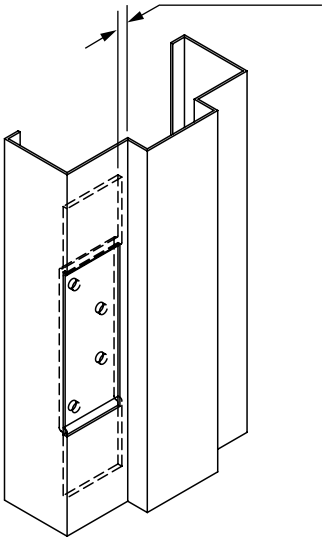


NOTE:
FOR FRAMES UNDER 60" TALL WE WILL CENTER THE STRIKE FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

** STRIKE BACKSET: 5/16" FOR 1-3/4" DOOR 1/2" FOR 2" DOOR*

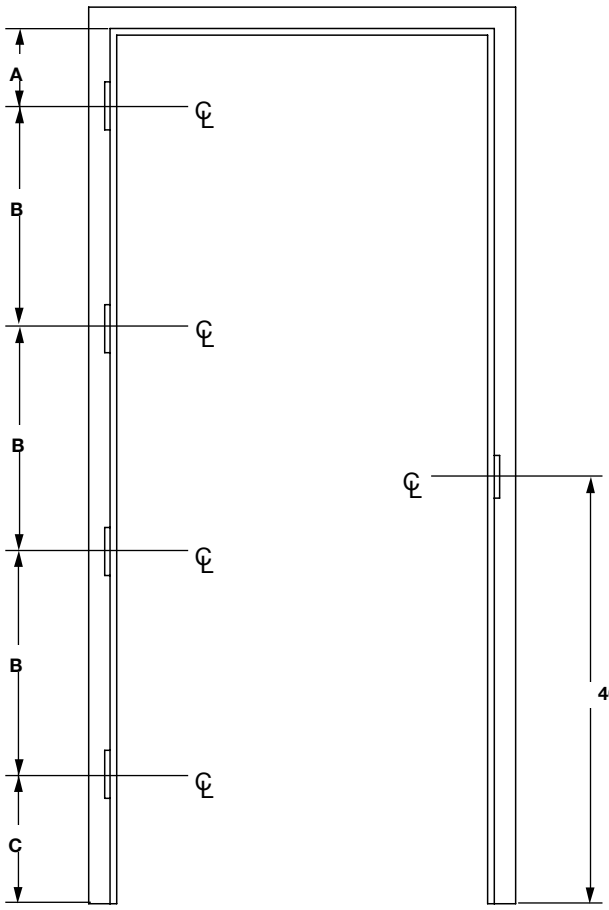
CURRIES STANDARD HINGE & STRIKE LOCATIONS FOR 1-3/4" FRAMES

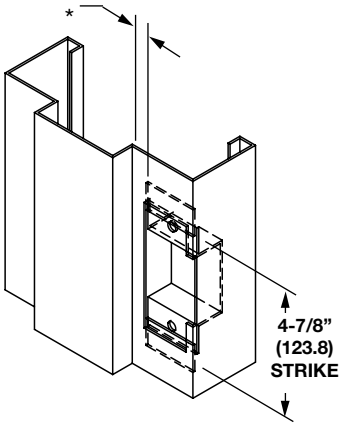
SIZE	A	B	C
6'8"	7-1/4"	20-1/8"	12-3/8"
6'10"	7-1/4"	20-7/8"	12-1/8"
7'0"	7-1/4"	21-1/2"	12-1/4"
7'2"	7-1/4"	22-1/8"	12-3/8"
7'10"	7-1/4"	24-7/8"	12-1/8"
8'0"	7-1/4"	25-1/2"	12-1/4"
9'0"	7-1/4"	29-1/2"	12-1/4"
10'0"	7-1/4"	33-1/2"	12-1/4"



HINGE SIZE MAY VARY ℄ LOCATION REMAINS THE SAME.
HINGE BACKSET: 5/16" FOR 1-3/4" DOOR.
5/8" FOR 2" DOOR
DOOR RABBETS: 1-15/16" FOR 1-3/4" DOOR.
2-3/16" FOR 2" DOOR.

FOR USE WITH FOUR HINGES 4-1/2" OR 5"





NOTE:
FOR FRAMES UNDER 60" TALL WE WILL CENTER THE STRIKE FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

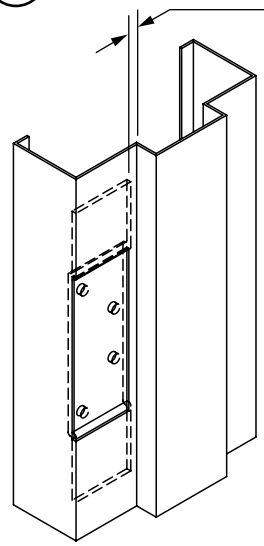
** STRIKE BACKSET: 5/16" FOR 1-3/4" DOOR 1/2" FOR 2" DOOR*

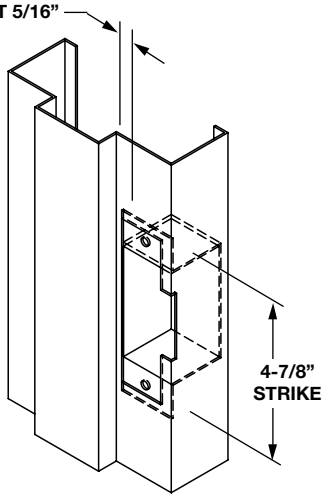
CURRIES STANDARD HINGE & STRIKE LOCATIONS FOR 1-3/4" DUTCH FRAME

	SIZE	A	B	C	D	E
L	6'8"	7-1/4"	24-1/4"	13-1/2"	22-3/4"	12-1/4"
L	6'10"	7-1/4"	26-1/4"	13-1/2"	22-3/4"	12-1/4"
L	7'0"	7-1/4"	28-1/4"	13-1/2"	22-3/4"	12-1/4"
L	7'2"	7-1/4"	30-1/4"	13-1/2"	22-3/4"	12-1/4"
L	7'10"	7-1/4"	35-1/4"	16-1/2"	22-3/4"	12-1/4"
L	8'0"	7-1/4"	37-1/4"	16-1/2"	22-3/4"	12-1/4"
L	9'0"	7-1/4"	49-1/4"	16-1/2"	22-3/4"	12-1/4"
L	10"0"	7-1/4"	61-1/4"	16-1/2"	22-3/4"	12-1/4"

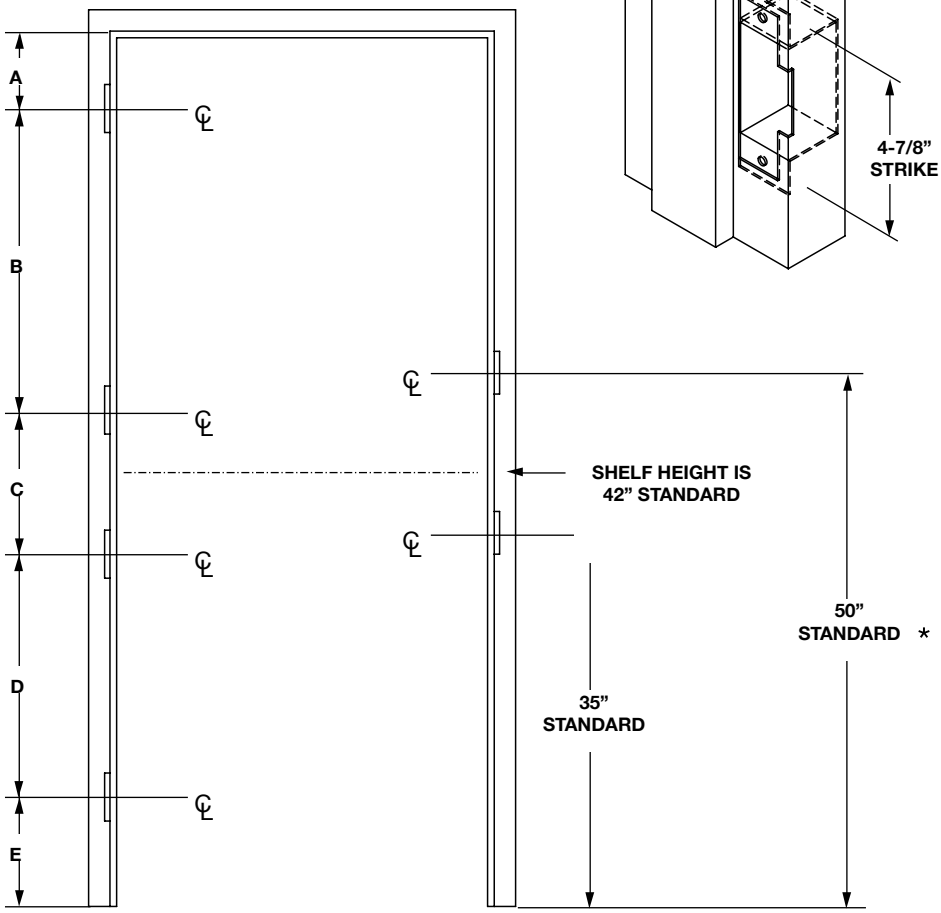
L

HINGE SIZE MAY VARY, ℄ LOCATION REMAINS THE SAME.





DUTCH DOOR
4-1/2" OR 5"



NOTE:
MAXIMUM FIRE LABEL WIDTH: 3'8"

* *PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED. 48" CL IS NOT PRACTICAL WITH SOME DEADLOCKS.*

4-1/2” ULTIMA HINGE REINFORCEMENT

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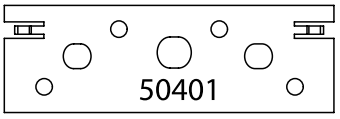
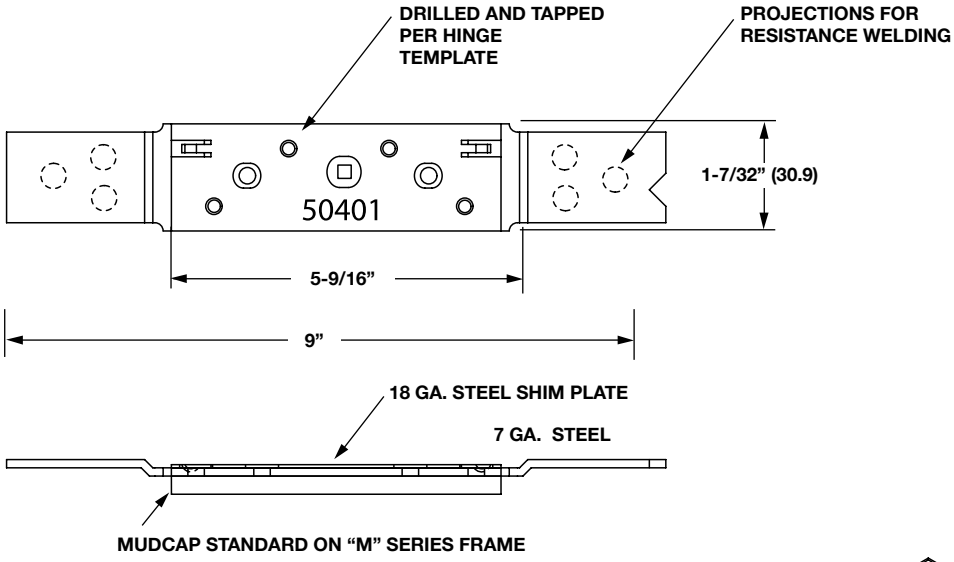
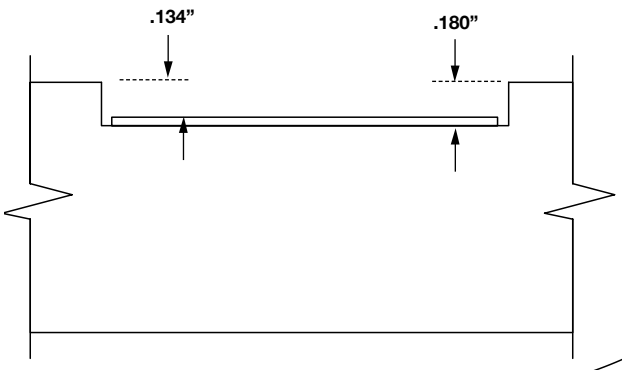
DEFAULT REINFORCEMENT FOR ALL 4-1/2” STANDARD AND HEAVYWEIGHT HINGES

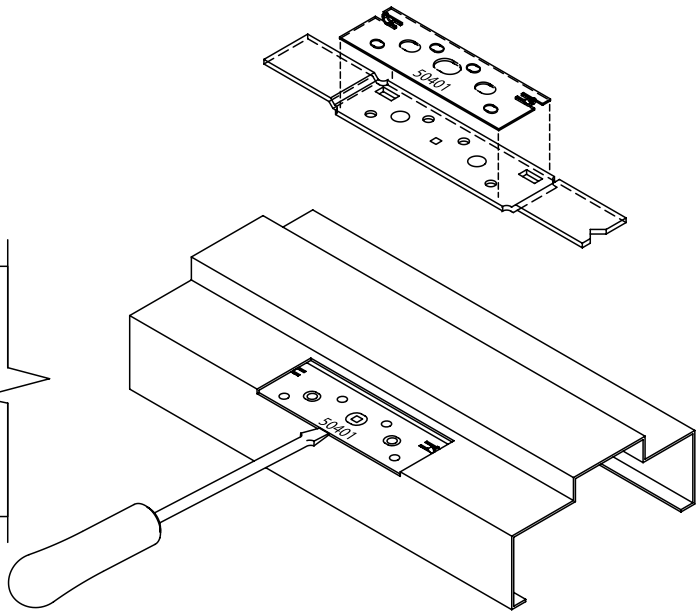
(L)





OFFSET IN 16 GA. FRAME
WITH SHIM PLATE .134”
WITHOUT SHIM PLATE .180

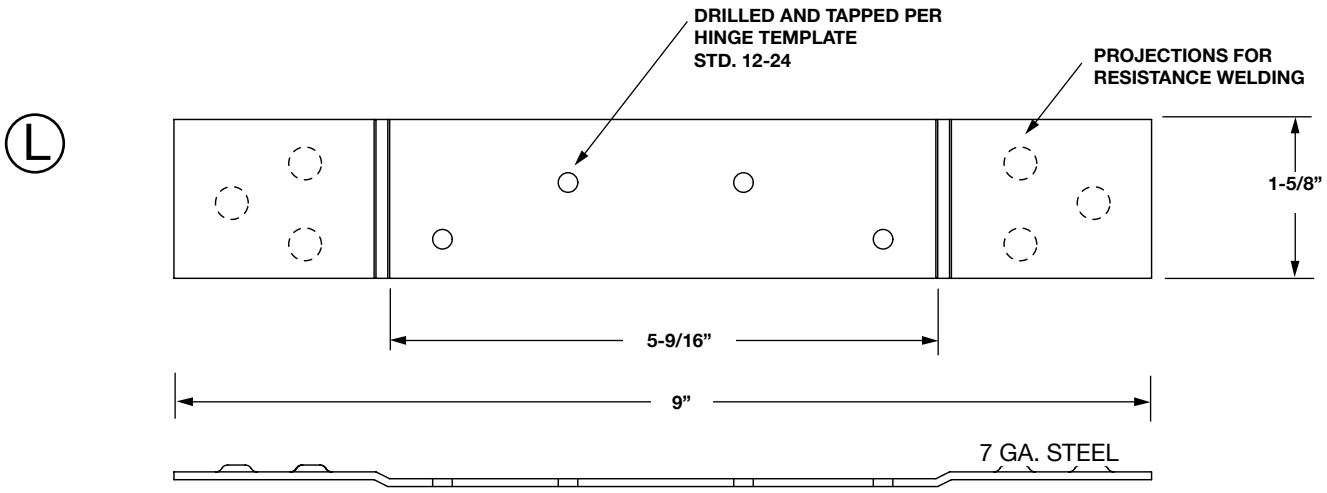




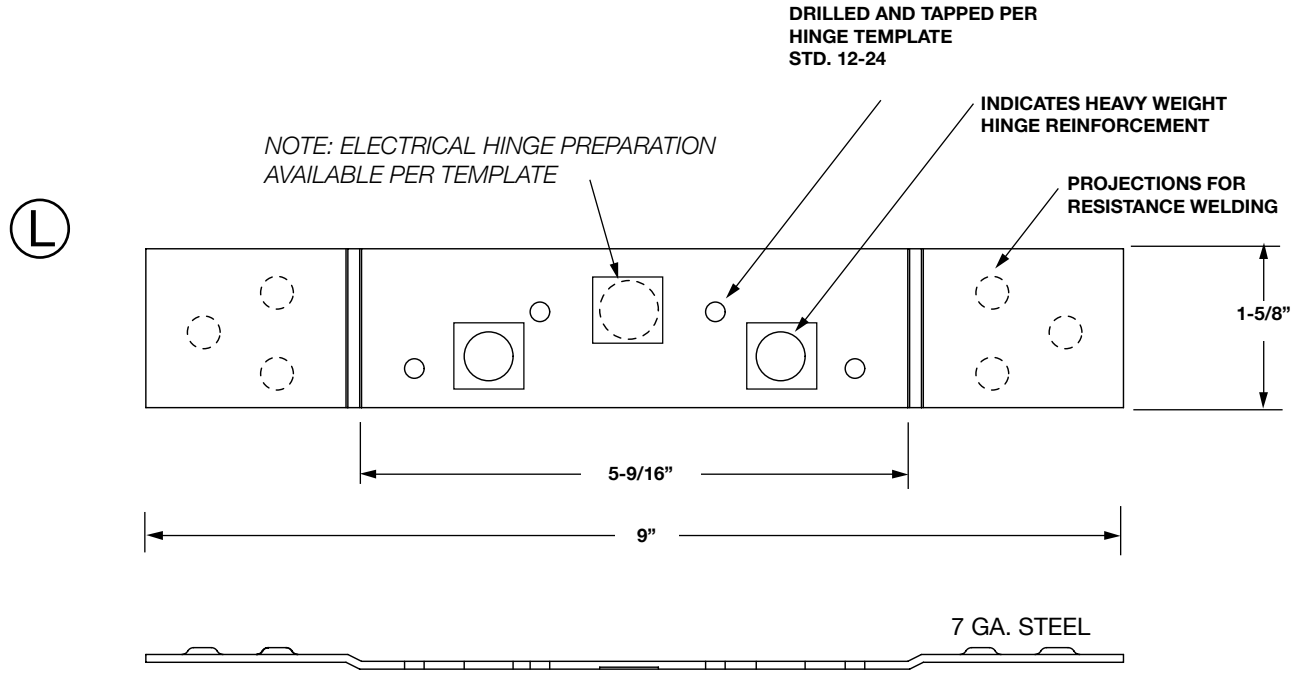
TO REMOVE SHIM PLATE, INSERT FLAT SCREWDRIVER BETWEEN SHIM AND REINFORCEMENT, AND PRY SHIM AWAY FROM REINFORCEMENT.

NOTE: 1) IF SHIM IS REMOVED, PRIME PAINT HINGE REINFORCEMENT.
2) NOT RECOMMENDED FOR CONVERSION TO ELECTRIC HINGE PREPARATION.

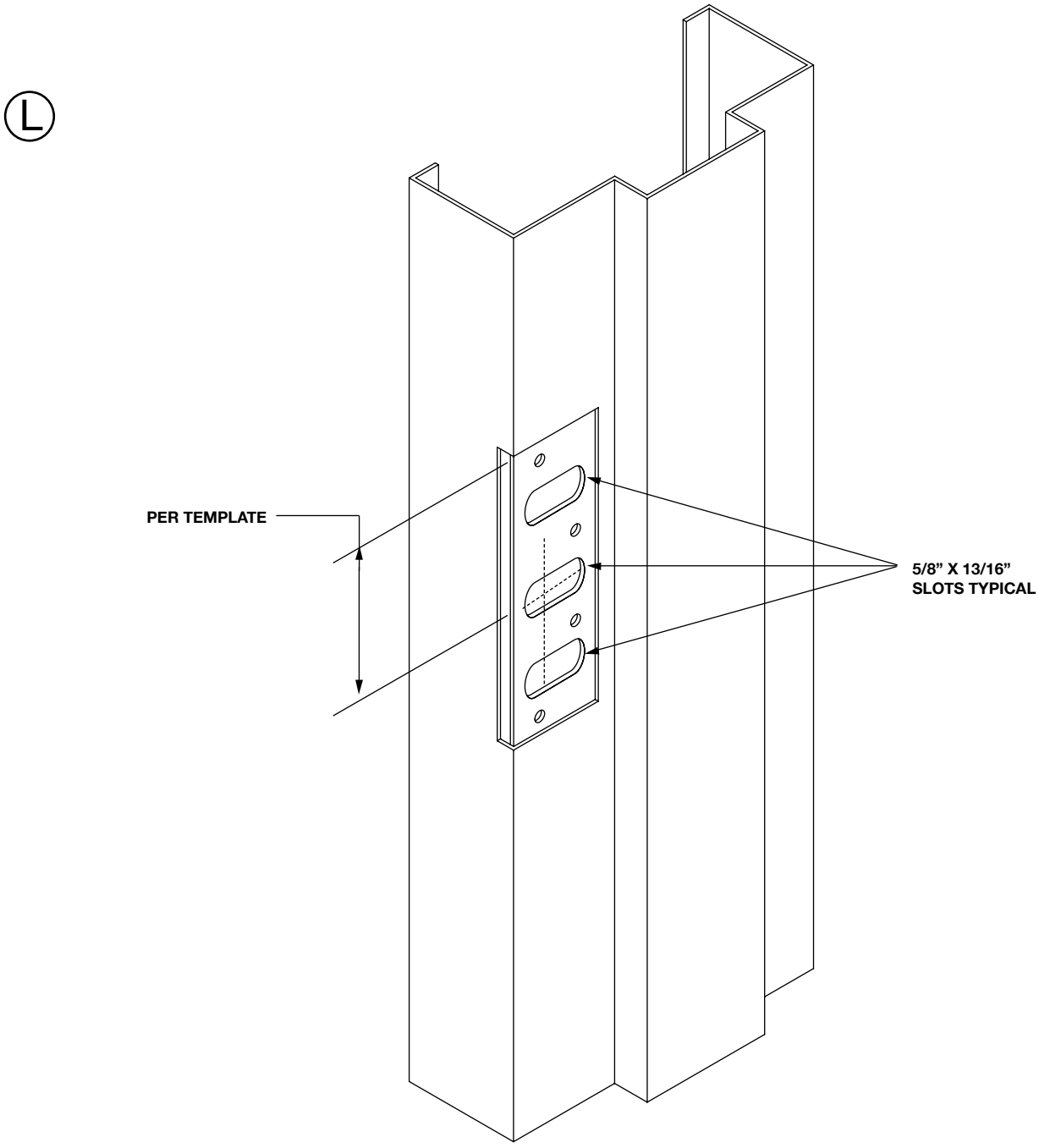
5” HINGE REINFORCEMENT



HEAVY 5” HINGE REINFORCEMENT



EH - ELECTRIC HINGES



TYPICAL 4-1/2" ELECTRIC HINGE PREPARATION SHOWN FITS MANY ELECTRIC HINGES.
OTHER ELECTRIC HINGE PREPARATIONS WILL BE PREPARED PER THE HINGE TEMPLATE.

NOTE: ELECTRIFIED HINGE REINFORCEMENT AVAILABLE AS LOOSE PART #FH0300

HFG HINGE STRAP REINFORCEMENT

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HIGH FREQUENCY HINGE REINFORCEMENT STRAPS
14 GA. (2.0) REINFORCEMENT

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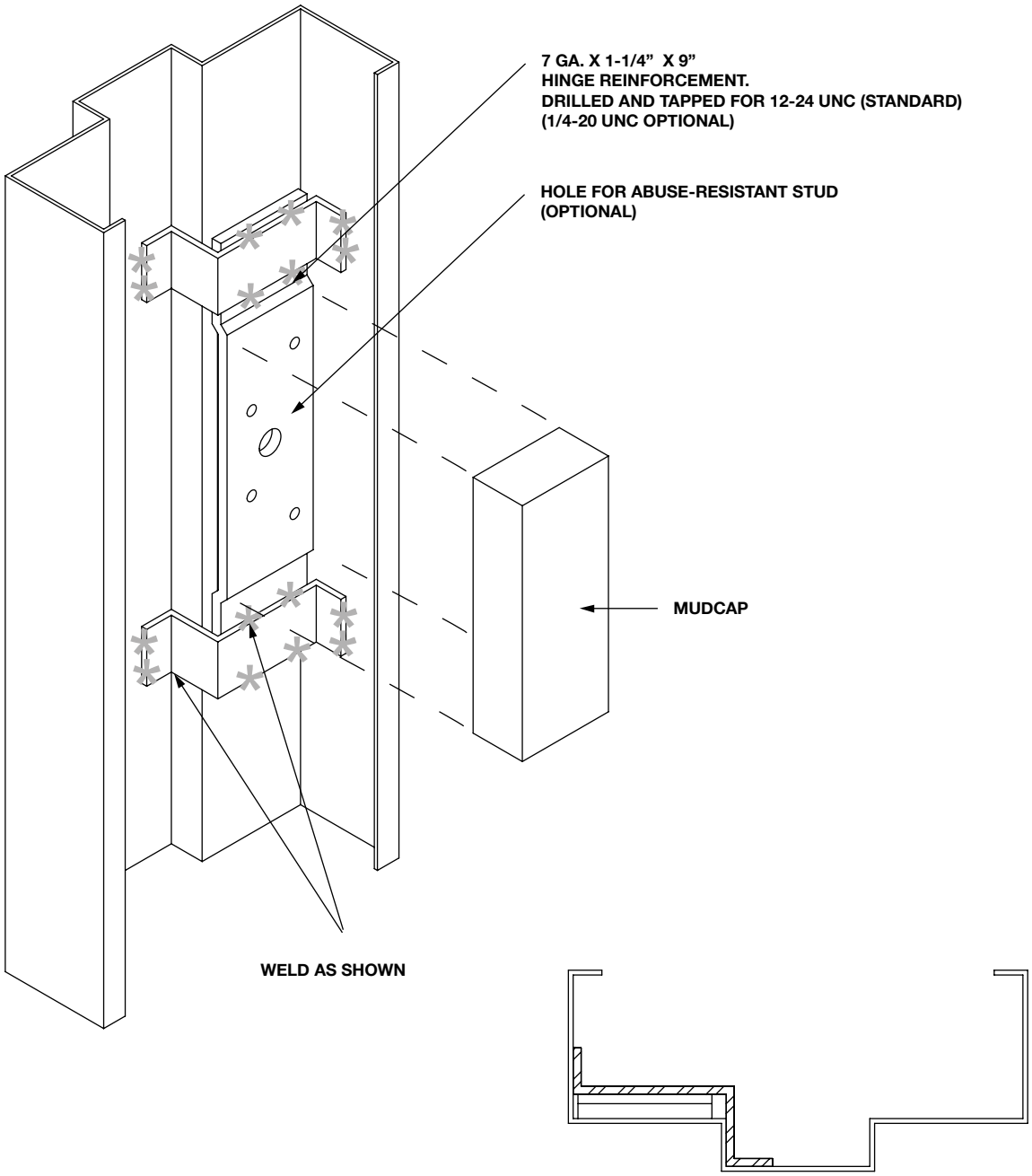
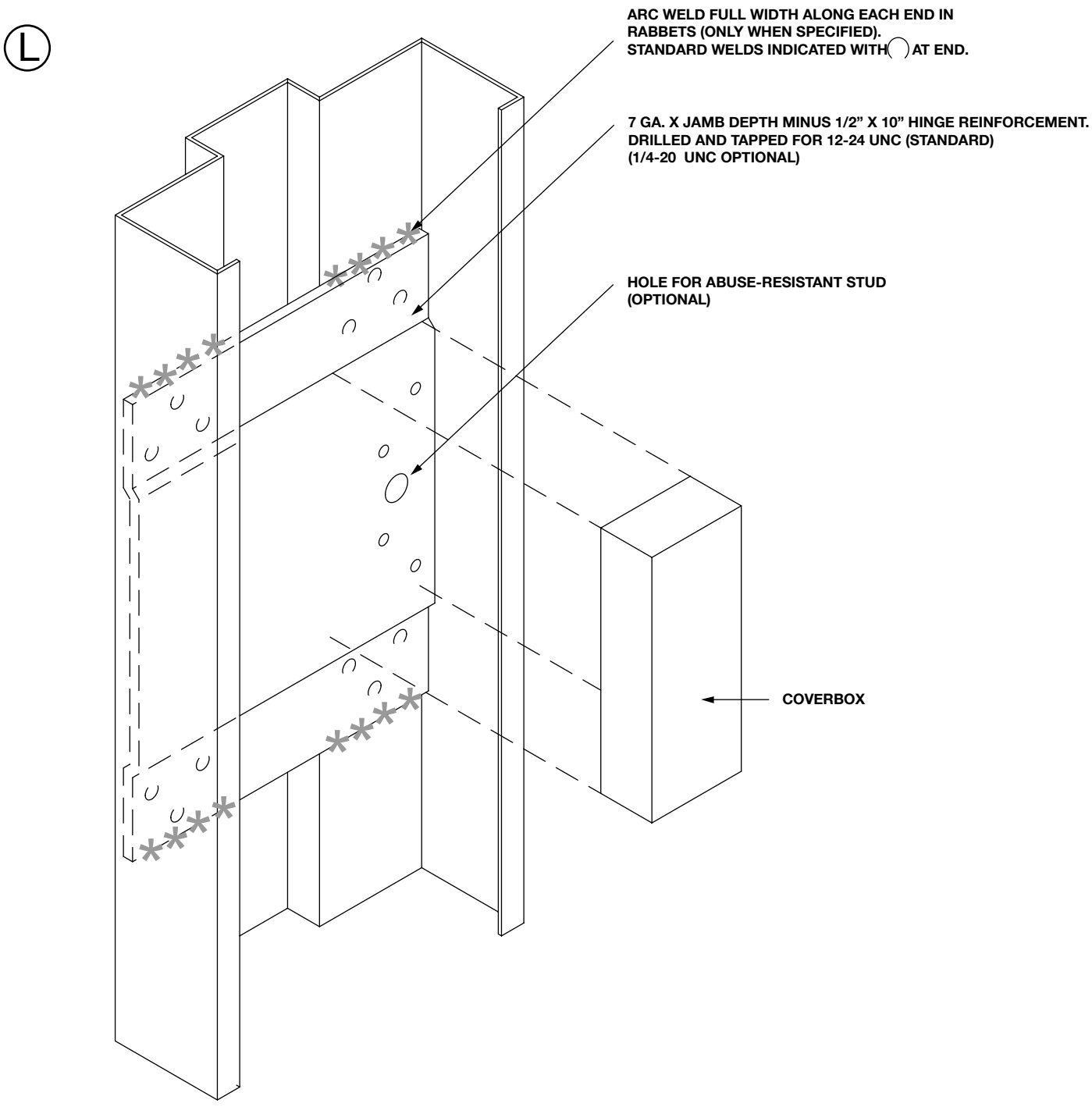


FULL WIDTH HINGE REINFORCEMENT



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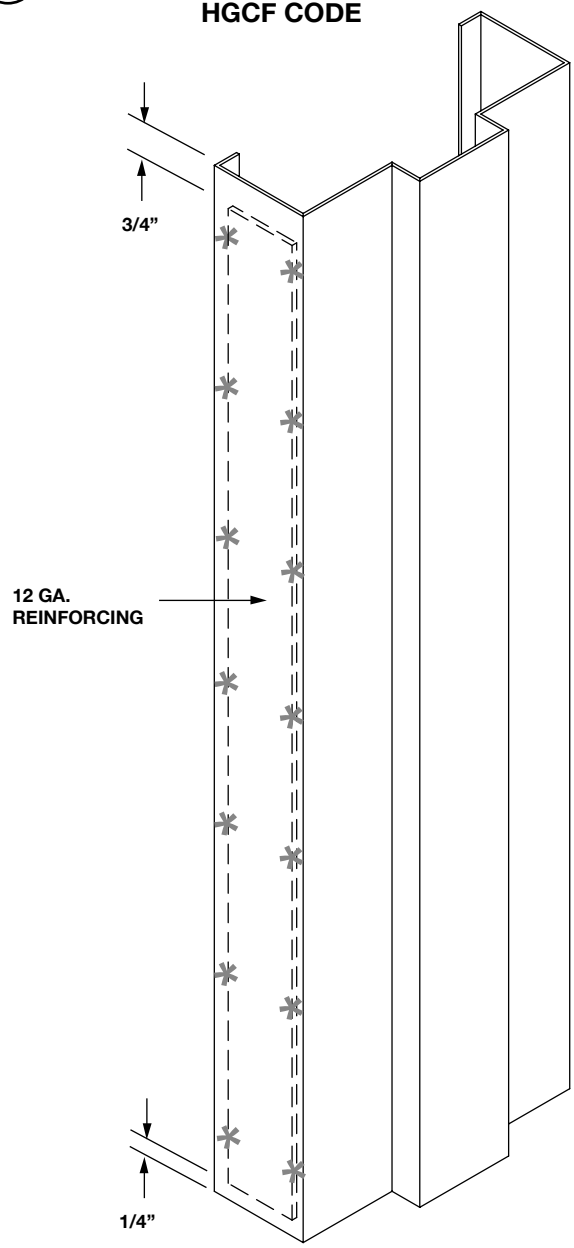
CONTINUOUS HINGE REINFORCEMENT

SURFACE MOUNTED TYPE

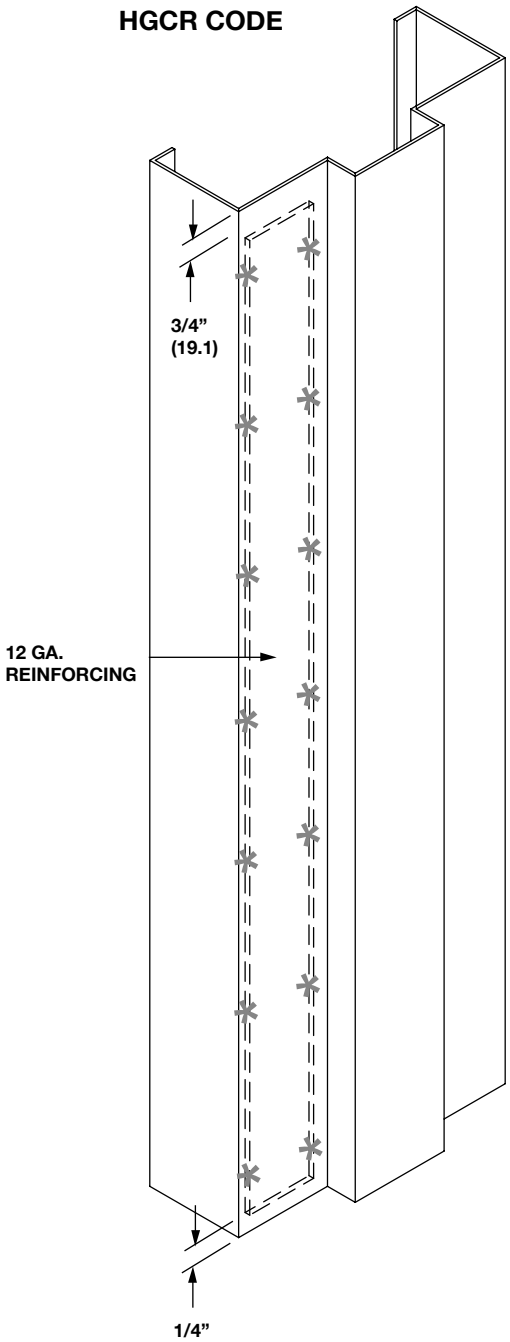
CONCEALED MOUNTED TYPE

Ⓛ

HGCF CODE

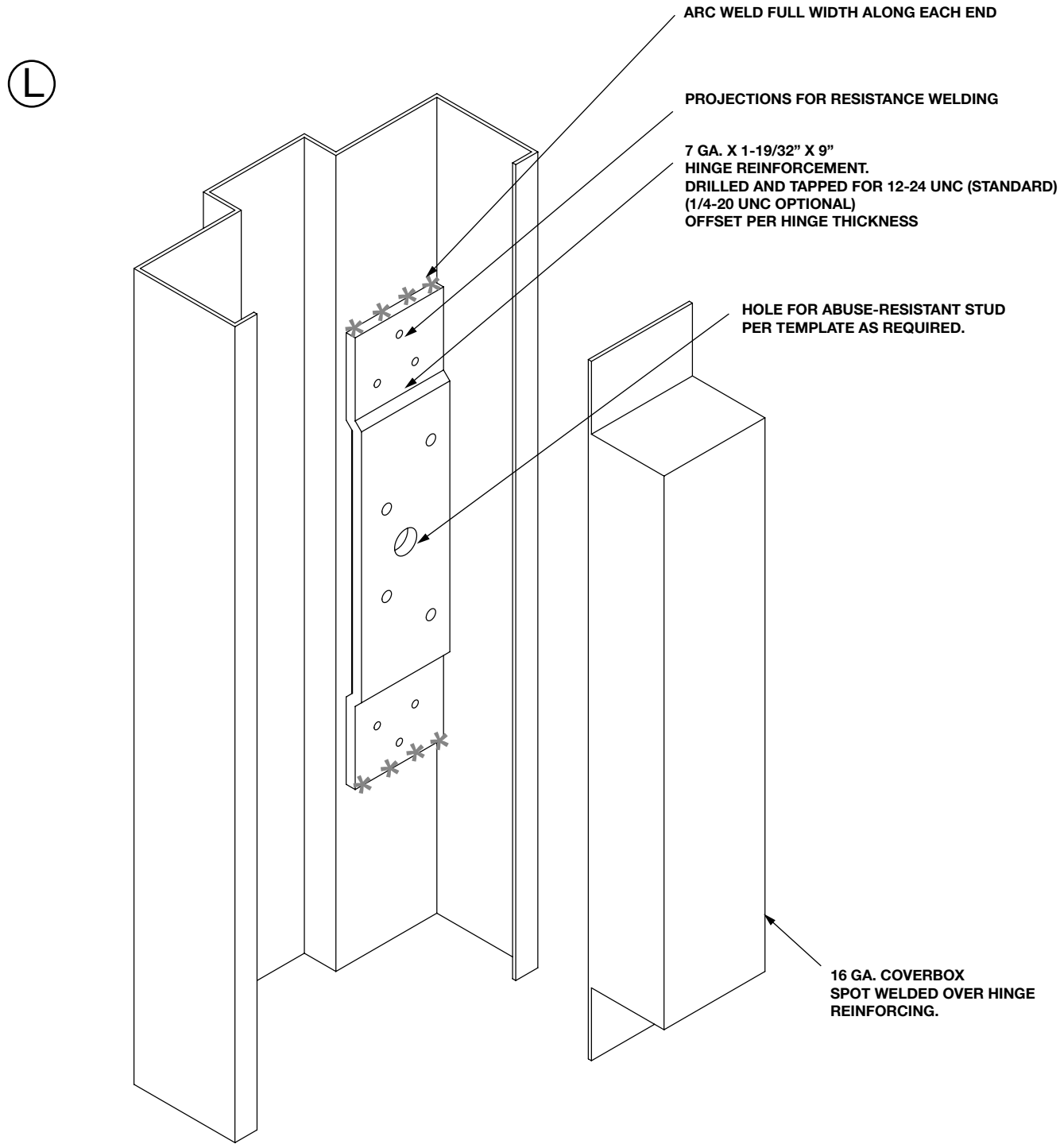


HGCR CODE

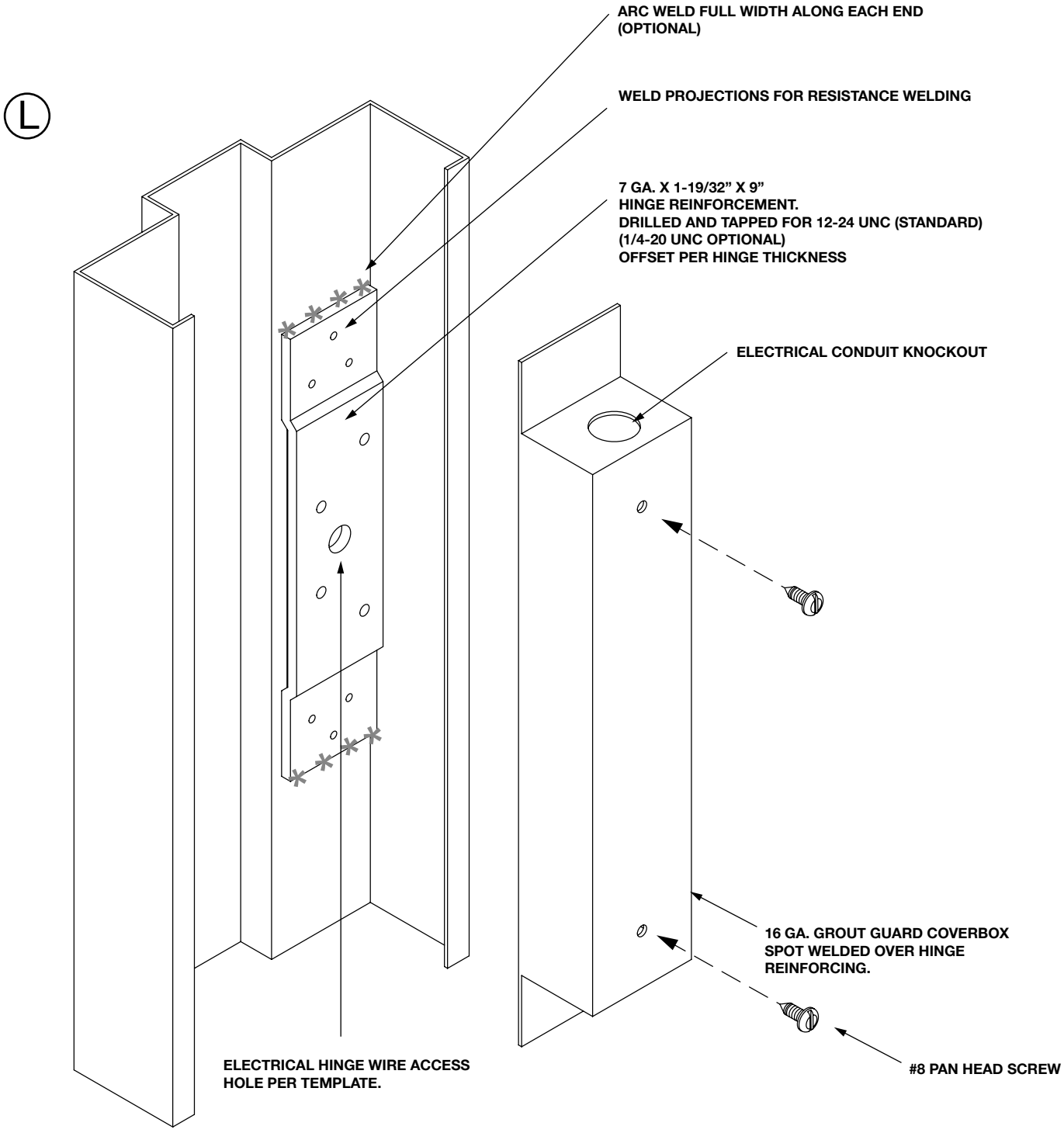


NOTE: HINGE MANUFACTURERS RECOMMEND REINFORCEMENTS ON 20, 18, 16 GAUGE FRAMES.

SECURITY HINGE AND GROUT GUARD



ELECTRIC HINGE AND GROUT GUARD



NOTE: JUNCTION BOXES ARE NOT CAULKED AT THE FACTORY. TO BE FIELD CAULKED BY INSTALLATION CONTRACTOR.

HGA - ANCHOR HINGE PREPARATION

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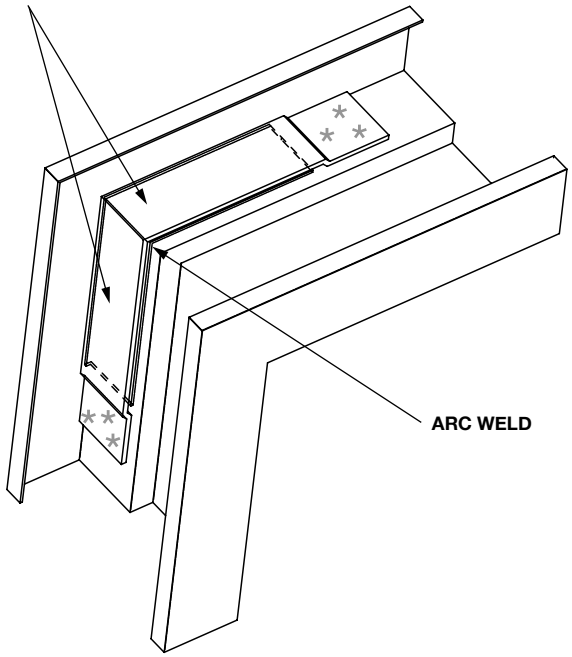
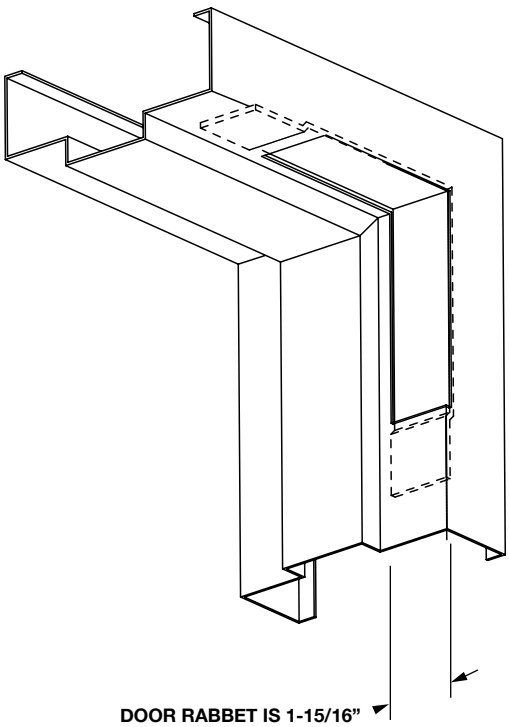
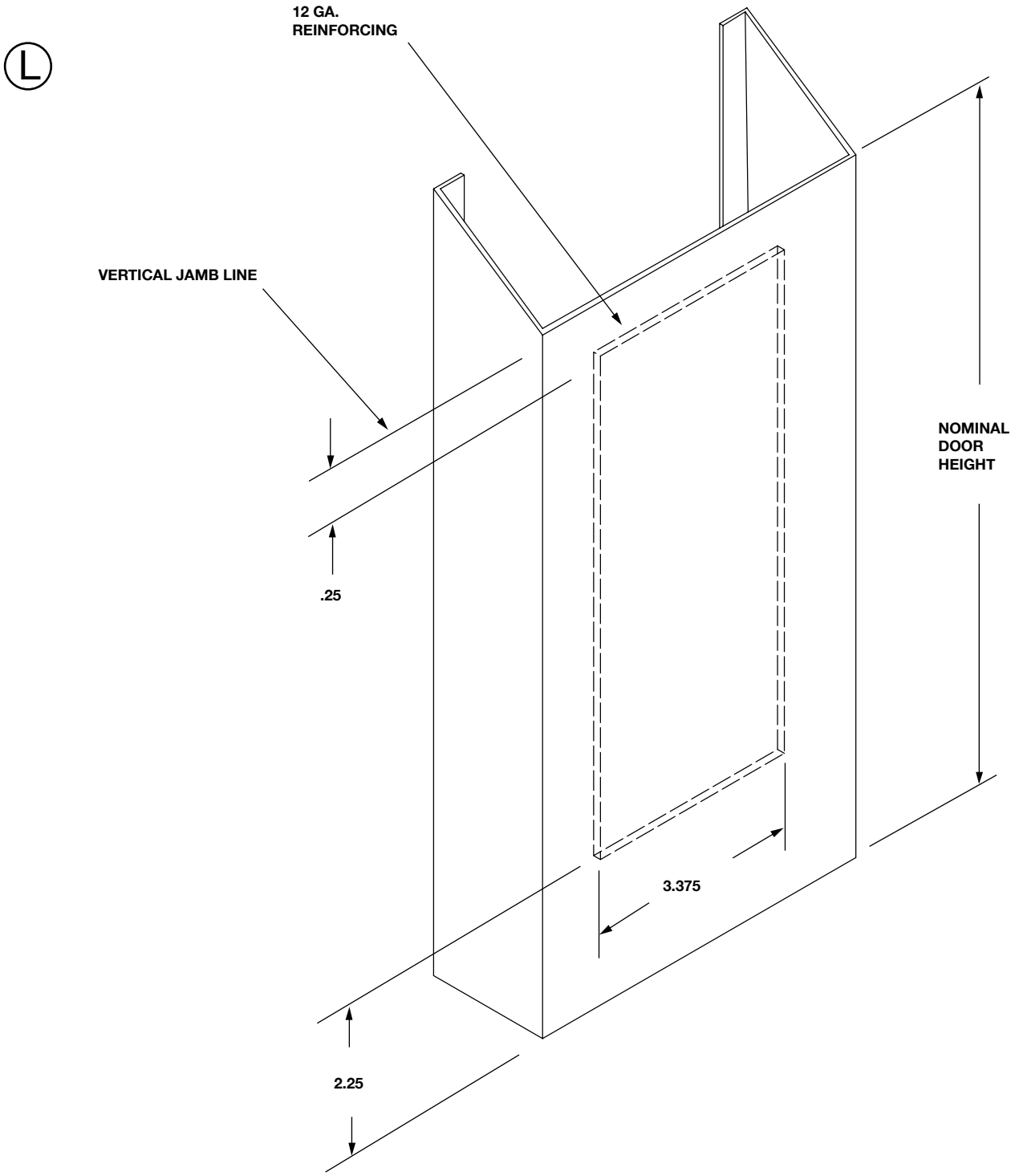
CURRIES DOES NOT DRILL AND TAP FOR HINGE SCREWS, UNLESS FRAME IS FACTORY WELDED AND PHYSICAL SAMPLES ARE PROVIDED.

IF FRAME IS STICK OR KD THE PARTS ARE SHIPPED LOOSE AND ARE NOT WELDED TOGETHER, DRILL AND TAP IN FIELD.

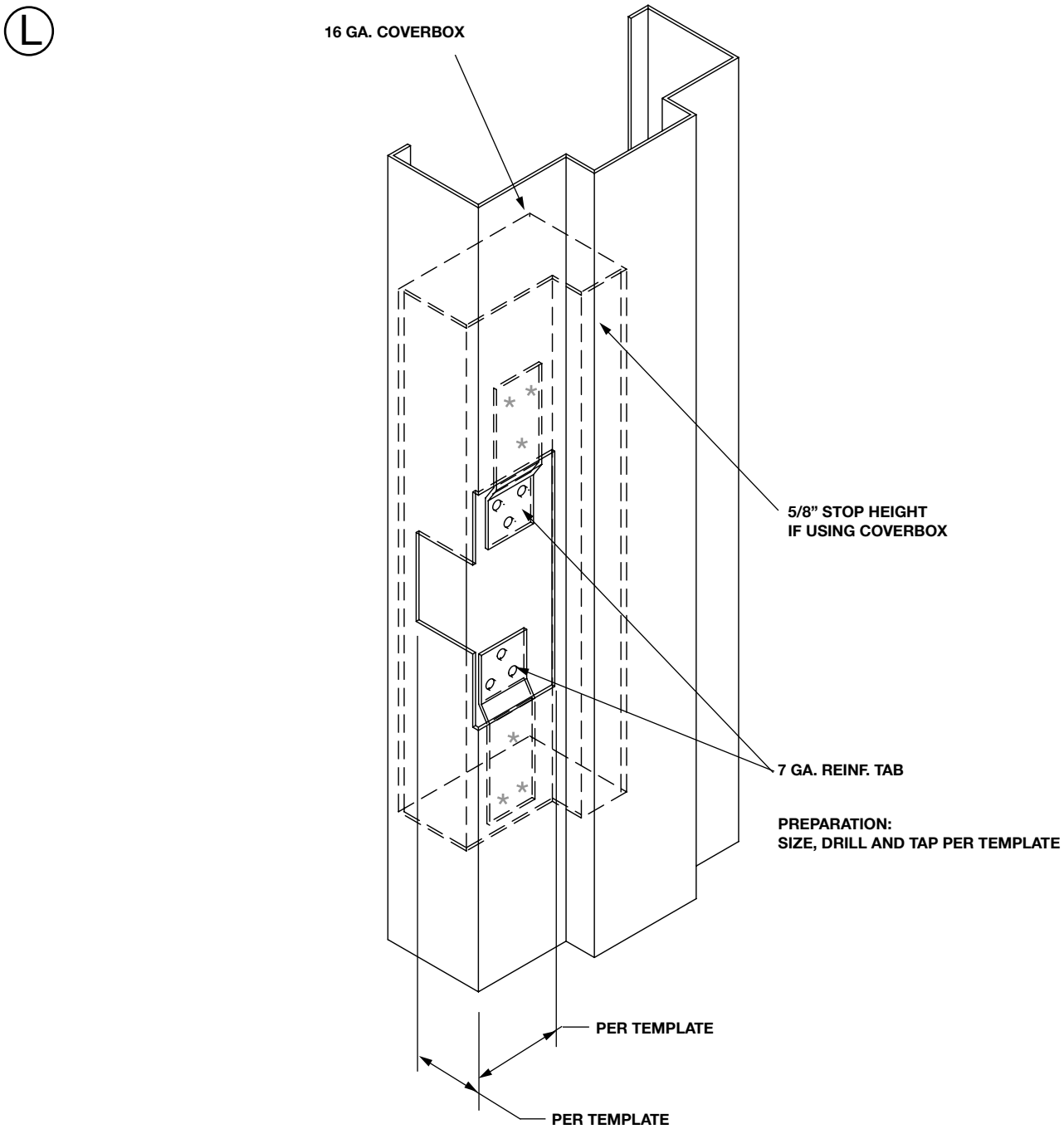




HGD - HINGE - DOUBLE ACTING

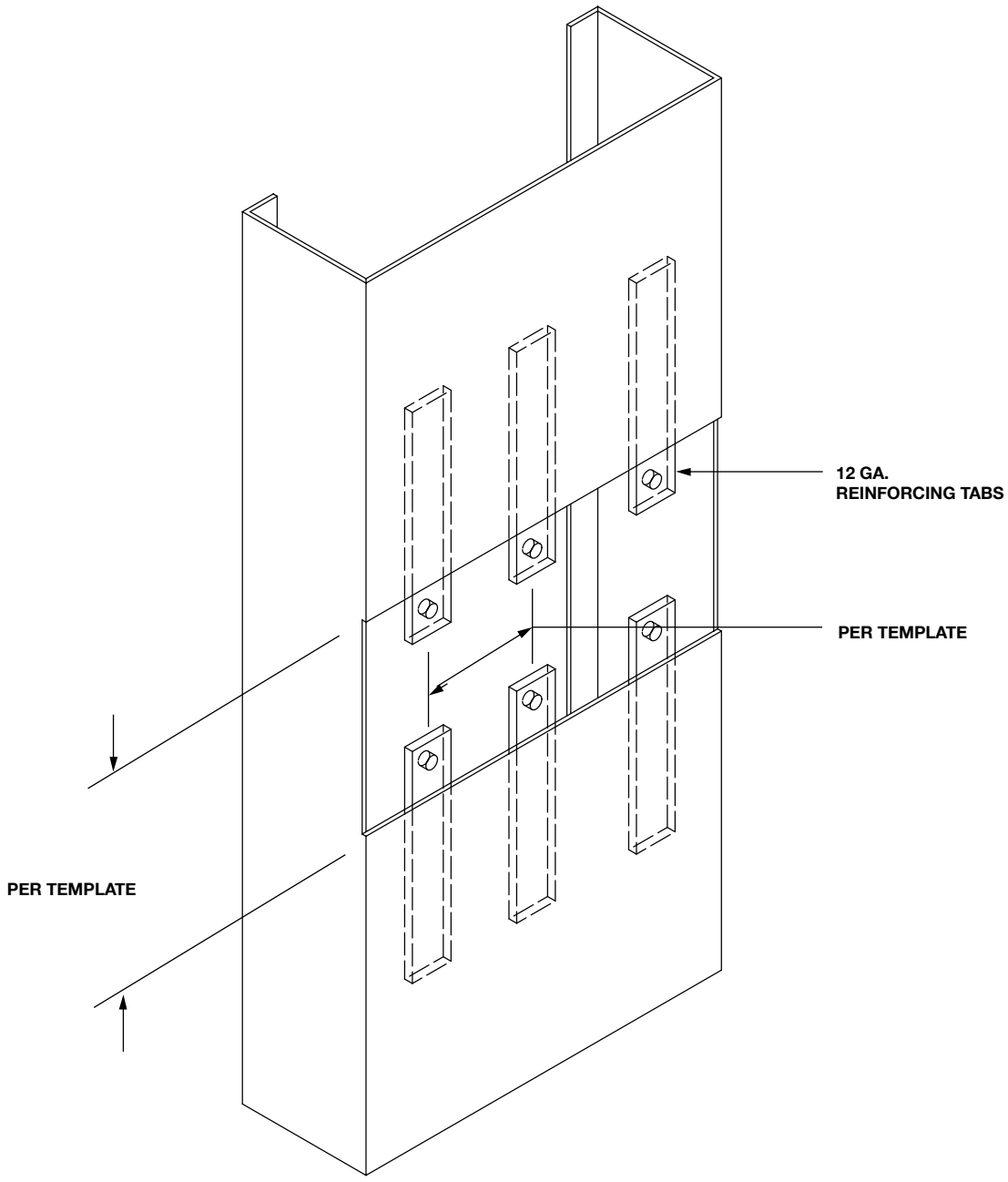


POCKET PIVOT PREPARATION



NOTE: SOME POCKET PIVOTS REQUIRE FRAME FACE DIMENSIONS GREATER THAN 2" - KD FRAMES NOT AVAILABLE OVER 2" FACE.

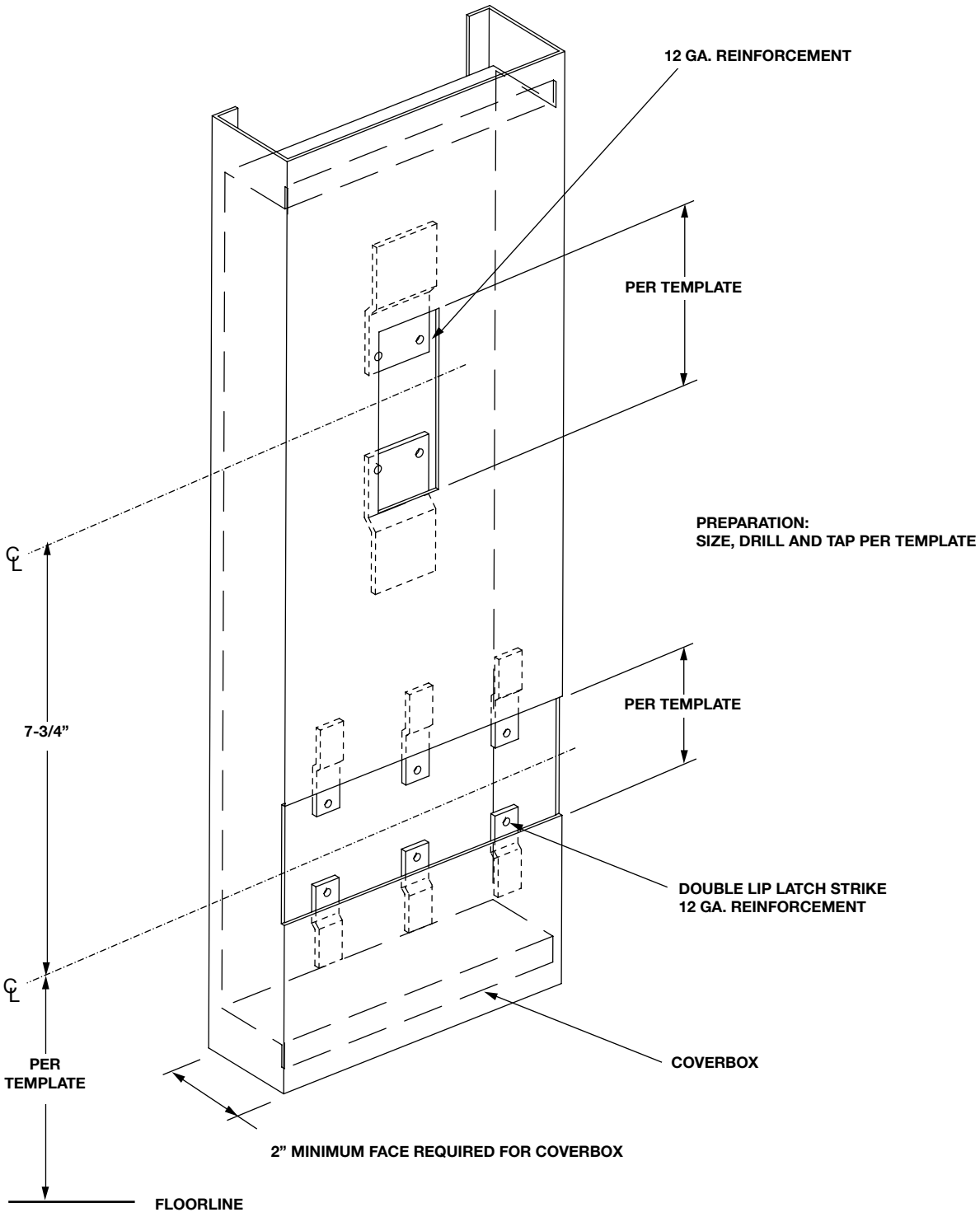
SDL - STRIKE - DOUBLE LIP



NOTE: CONTACT FACTORY ON AVAILABILITY WHEN USED WITH "C" TYPE COMPRESSION ANCHOR KD FRAMES.

RESCUE HARDWARE FRAME

EMERGENCY STOP STRIKE SIDE



NOTE: CONTACT FACTORY ON AVAILABILITY WHEN USED WITH "C" TYPE COMPRESSION ANCHOR KD FRAMES.

FRAME PIVOTS - TOP, BOTTOM - CENTER HUNG

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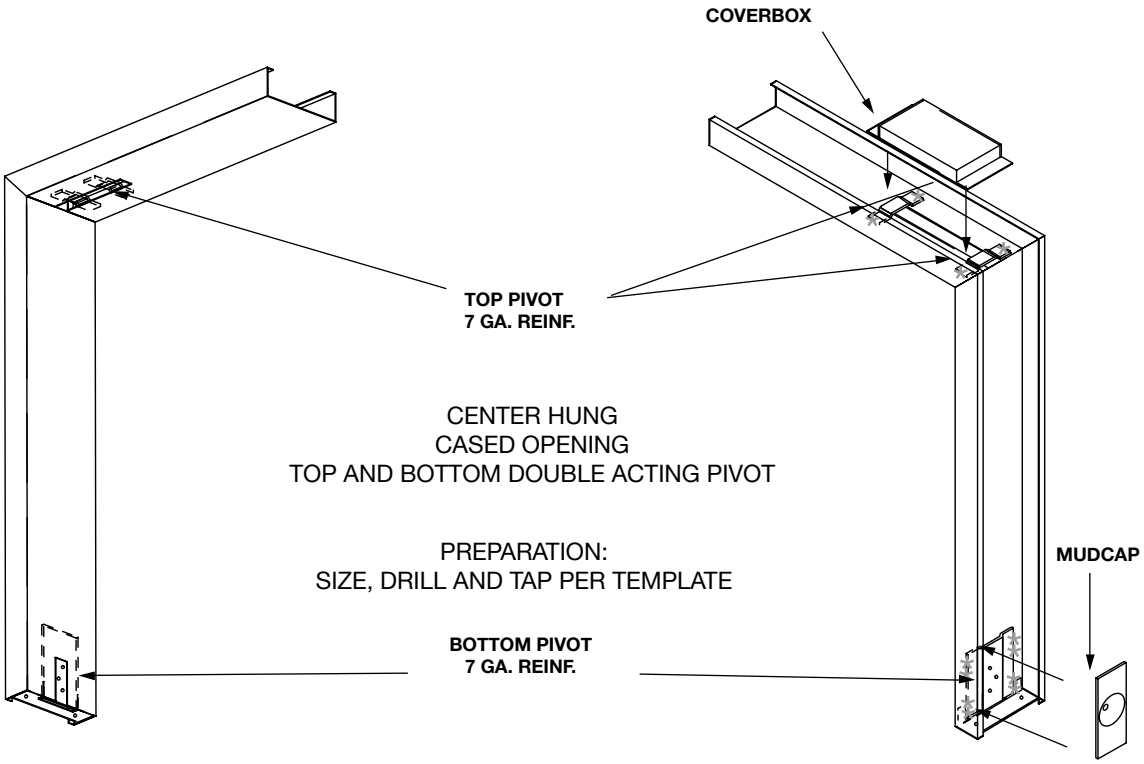
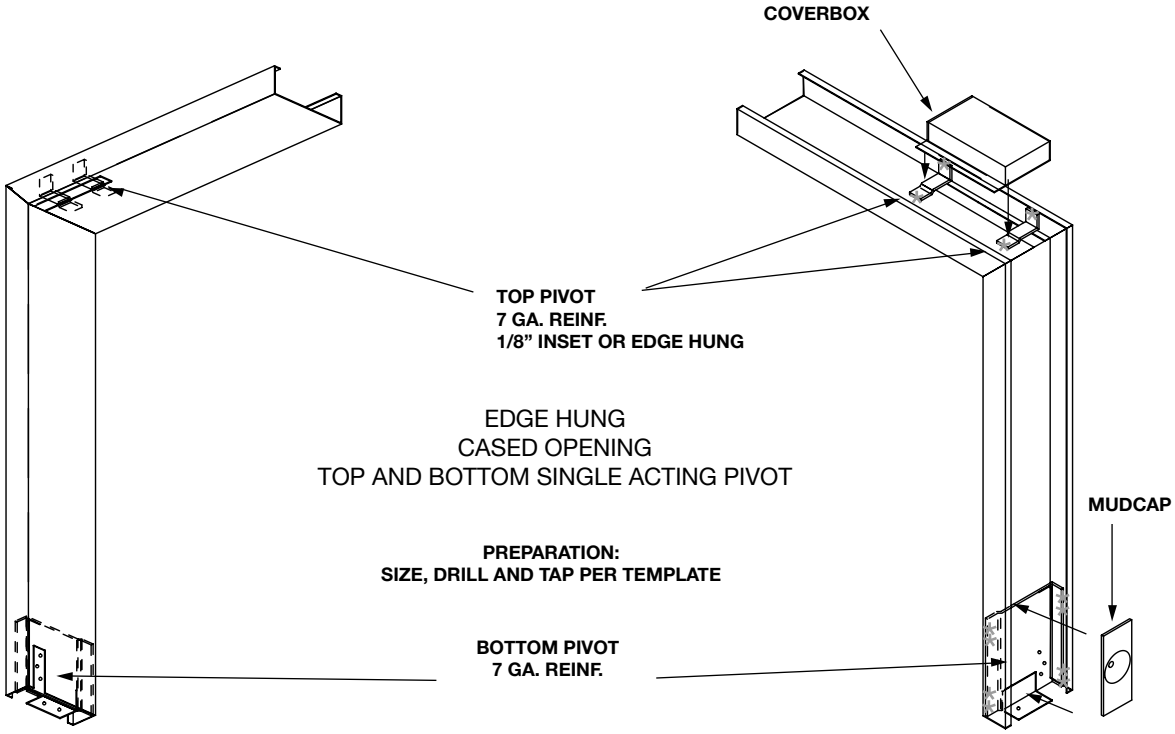


CENTER HUNG
CASED OPENING
TOP AND BOTTOM DOUBLE ACTING PIVOT

PREPARATION:
SIZE, DRILL AND TAP PER TEMPLATE

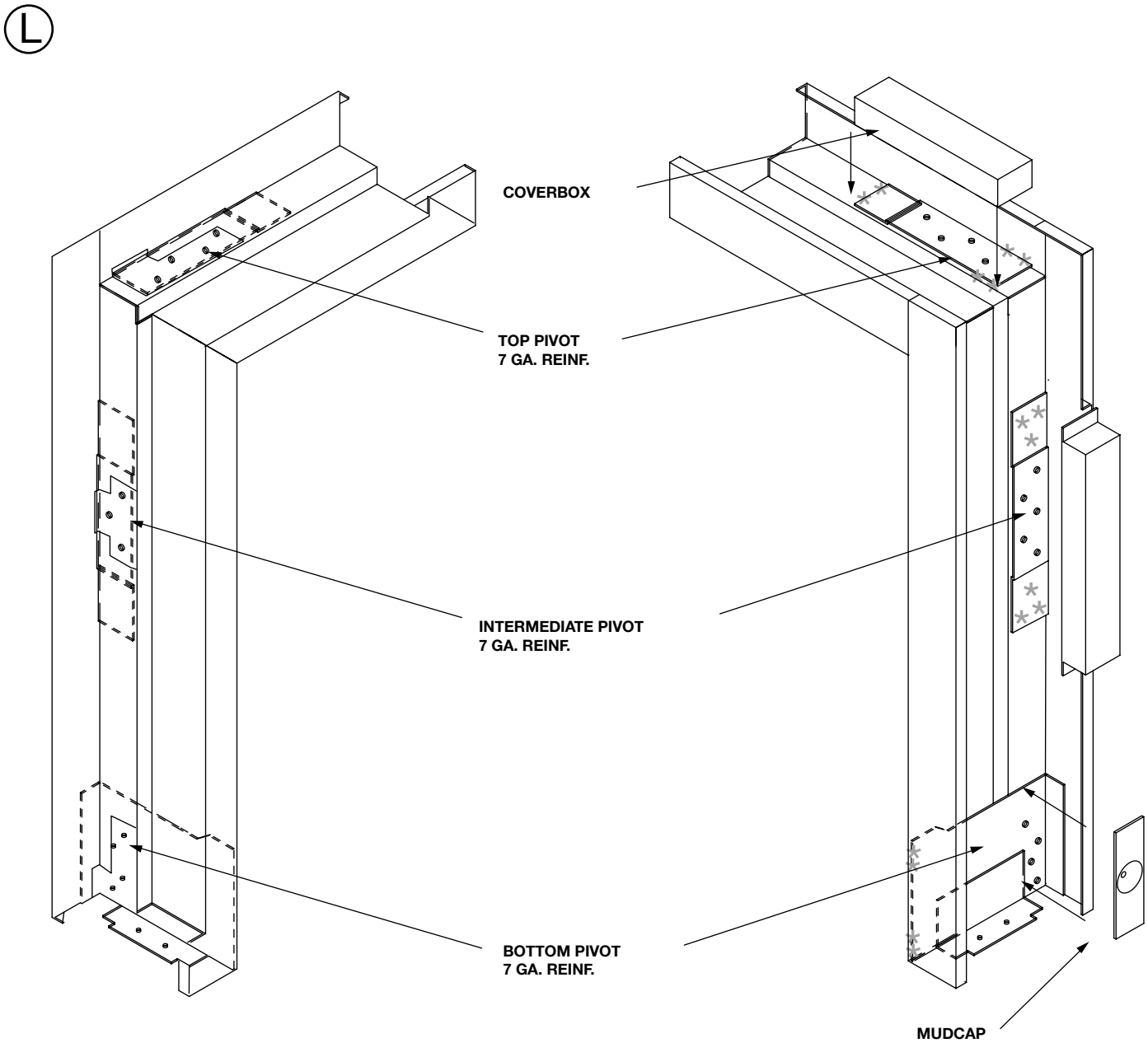


EDGE HUNG
CASED OPENING
TOP AND BOTTOM SINGLE ACTING PIVOT

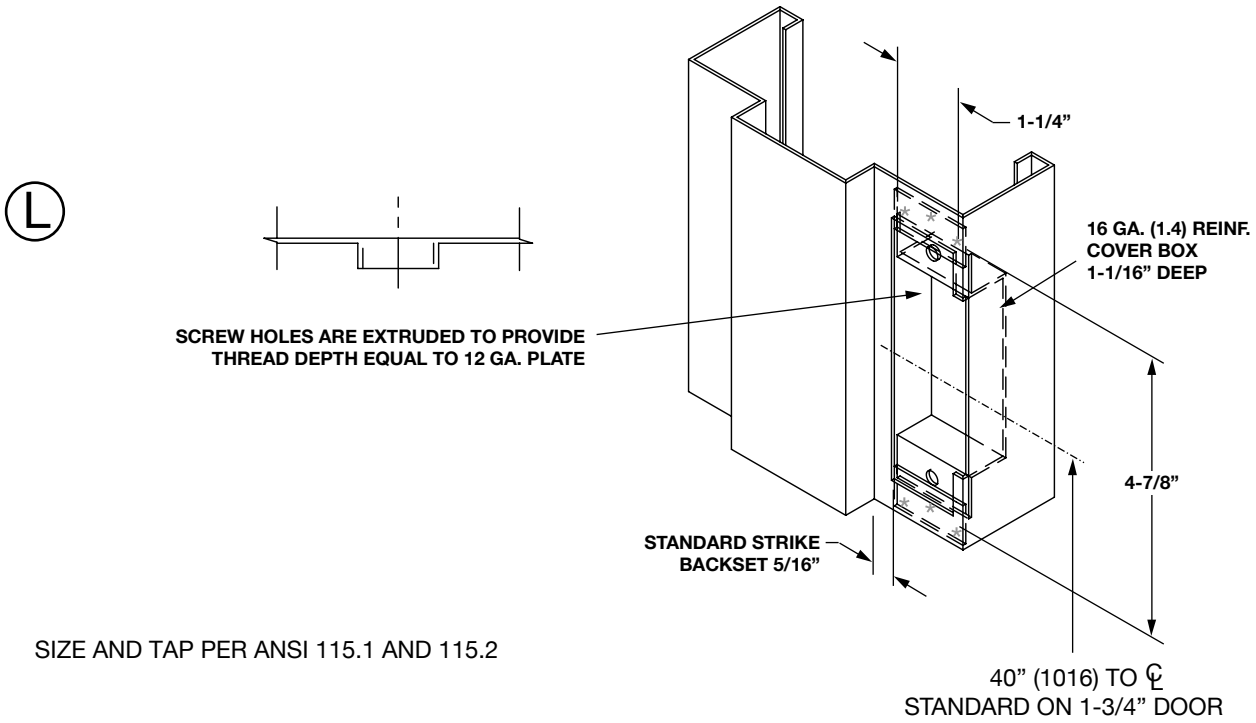
EDGE HUNG

NOTE: NOT ALL BOTTOM PIVOTS REQUIRE A FRAME PREP.

FRAME PIVOTS - TOP, INTERMEDIATE, BOTTOM - SINGLE ACTING

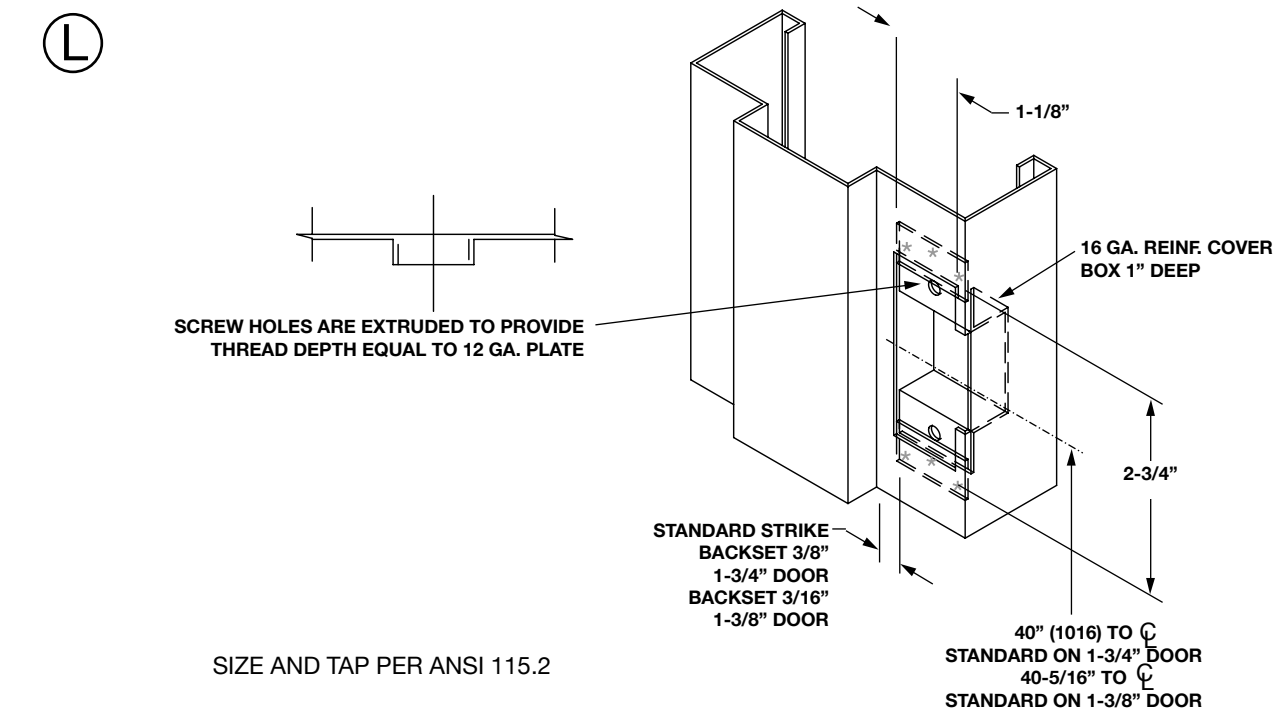


E1 STRIKE REINF. (ANSI A115) 1-1/4" X 4-7/8"



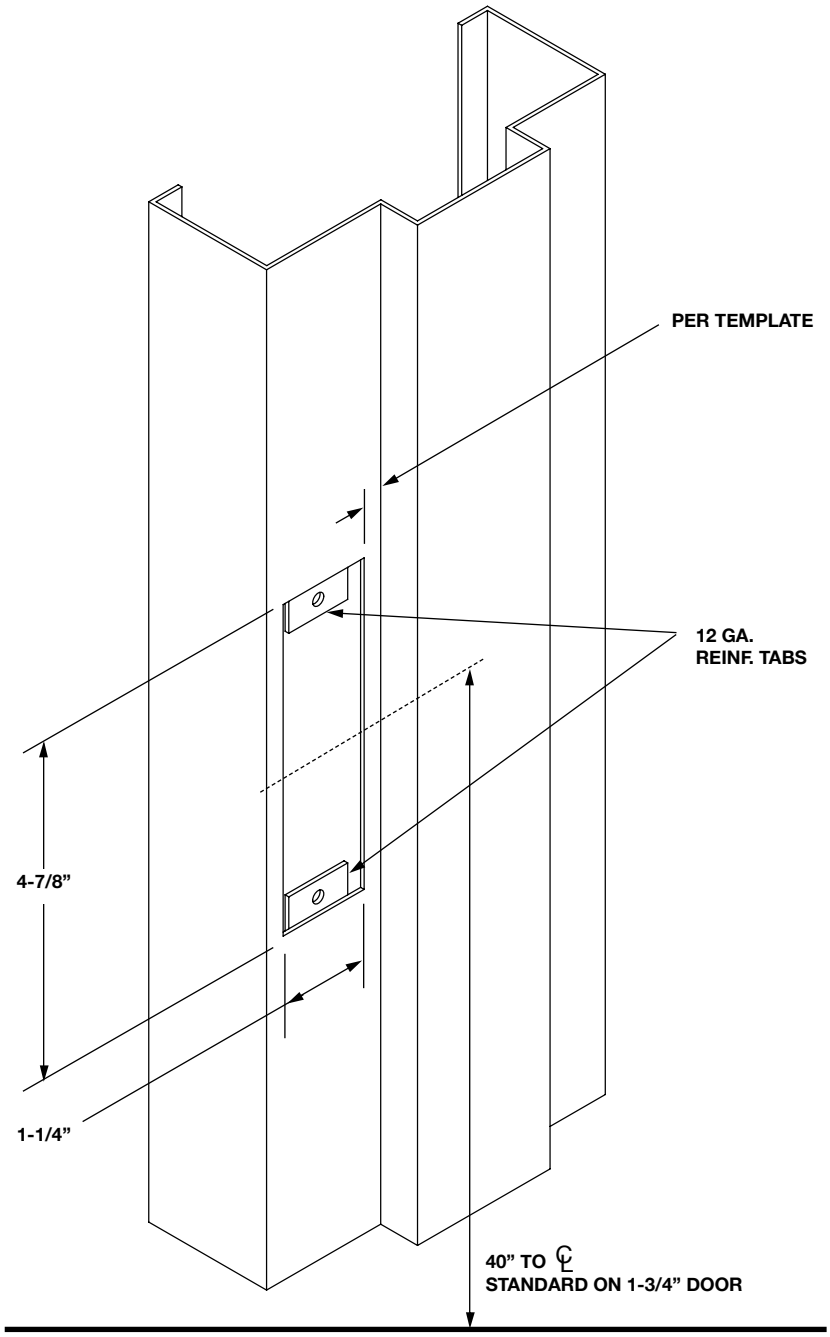
SIZE AND TAP PER ANSI 115.1 AND 115.2

E2 STRIKE REINF. (ANSI A115) 1-1/8" X 2-3/4"

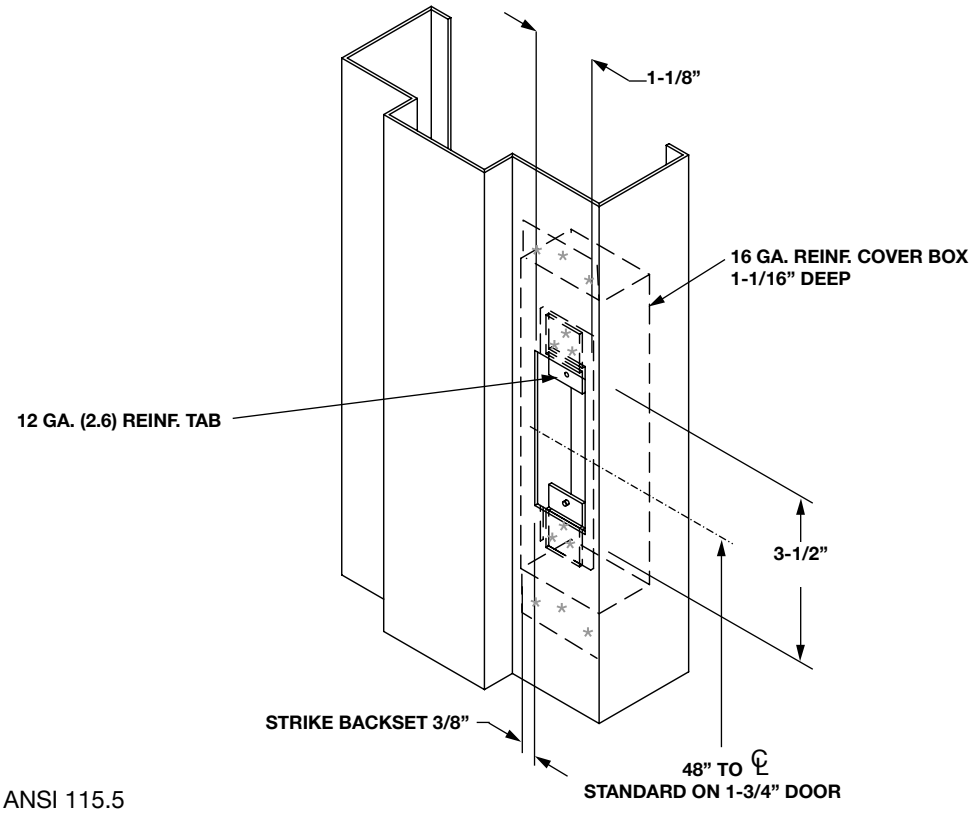


SIZE AND TAP PER ANSI 115.2

E1B - STRIKE REINF. 1-1/4” X 4-7/8” NO LIP

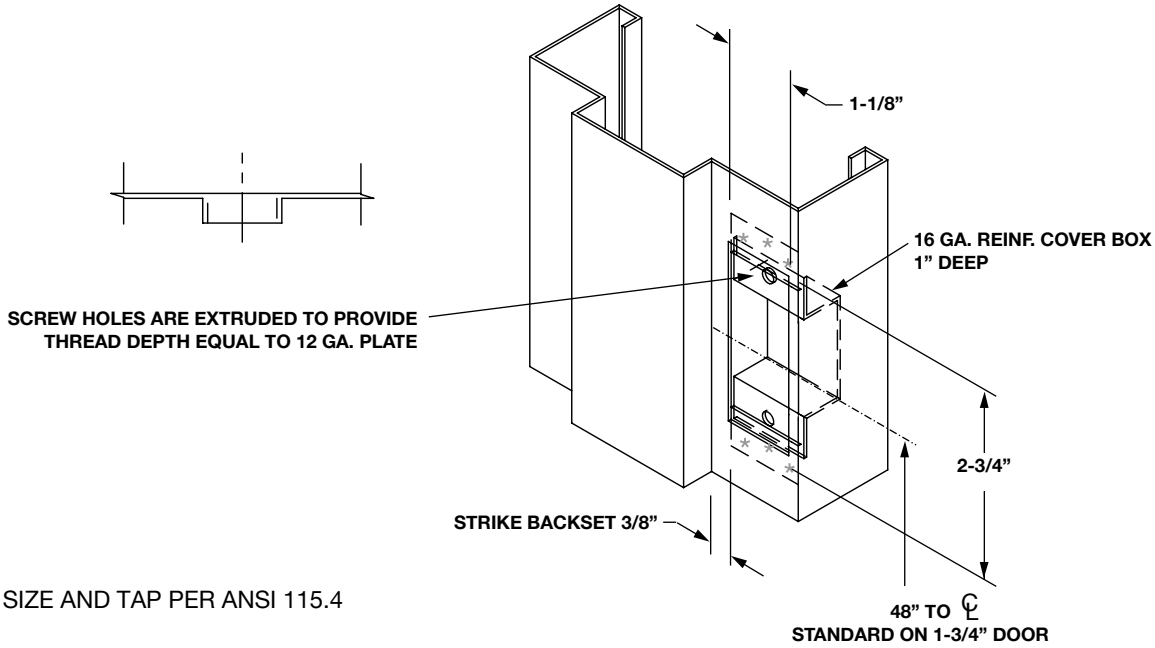


E3 DEADLOCK STRIKE REINF. (ANSI/A115) 1-1/8" X 3-1/2"



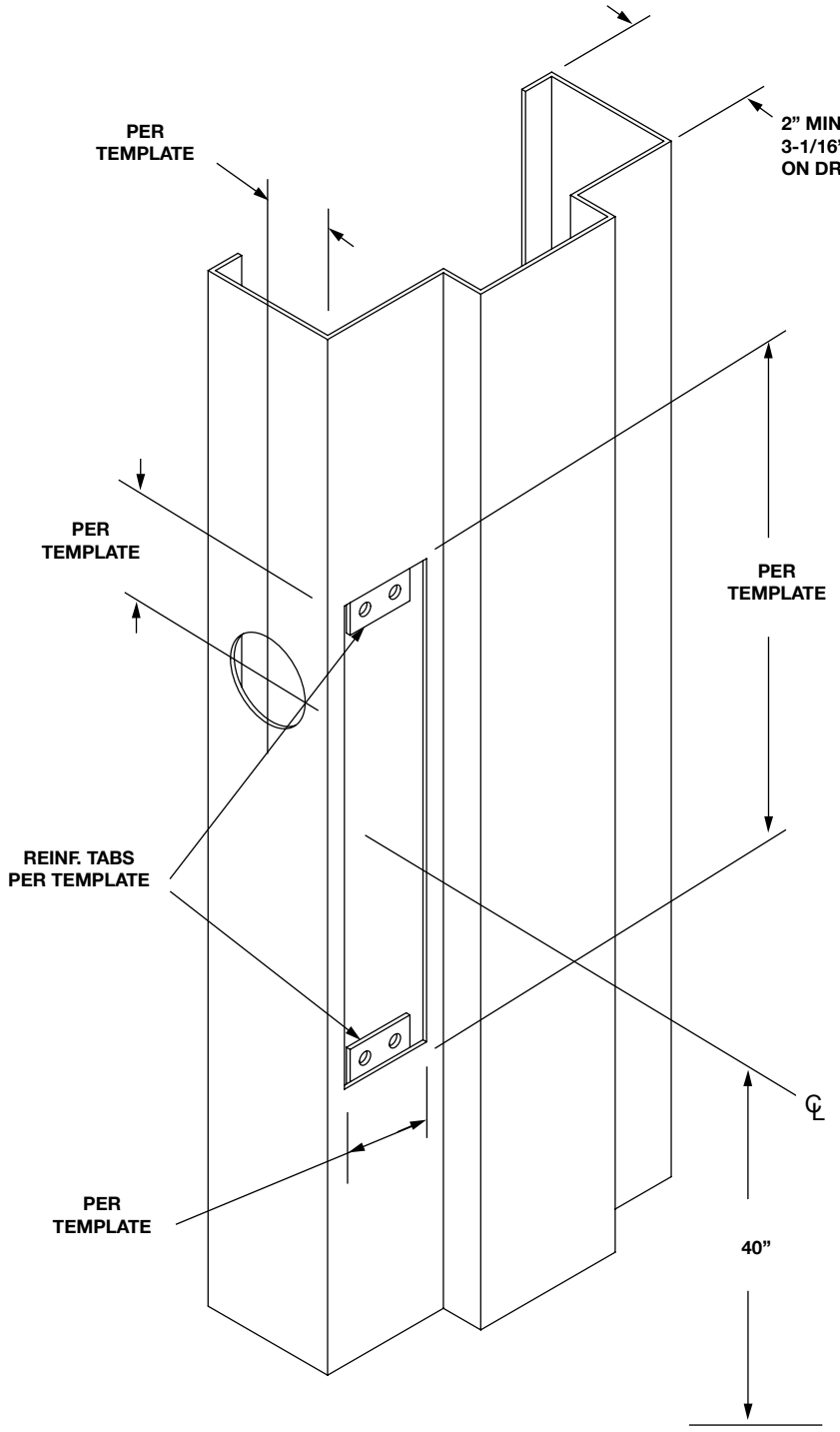
SIZE AND TAP PER ANSI 115.5

E4 DEADLOCK STRIKE REINF. (ANSI/A115) 1-1/8" X 2-3/4" NO LIP

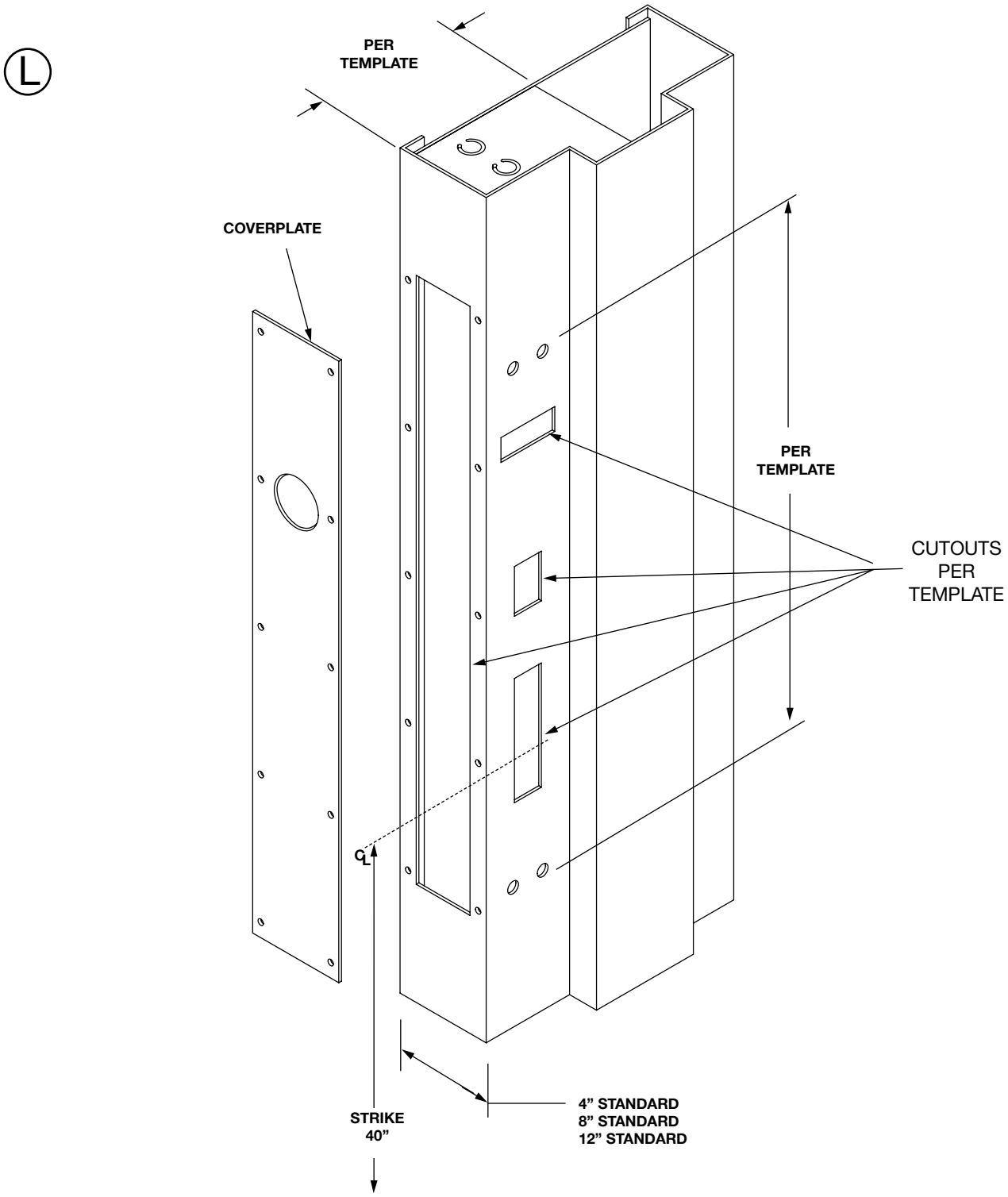


SIZE AND TAP PER ANSI 115.4

EJ2 - JAMB LOCK 2” FACE

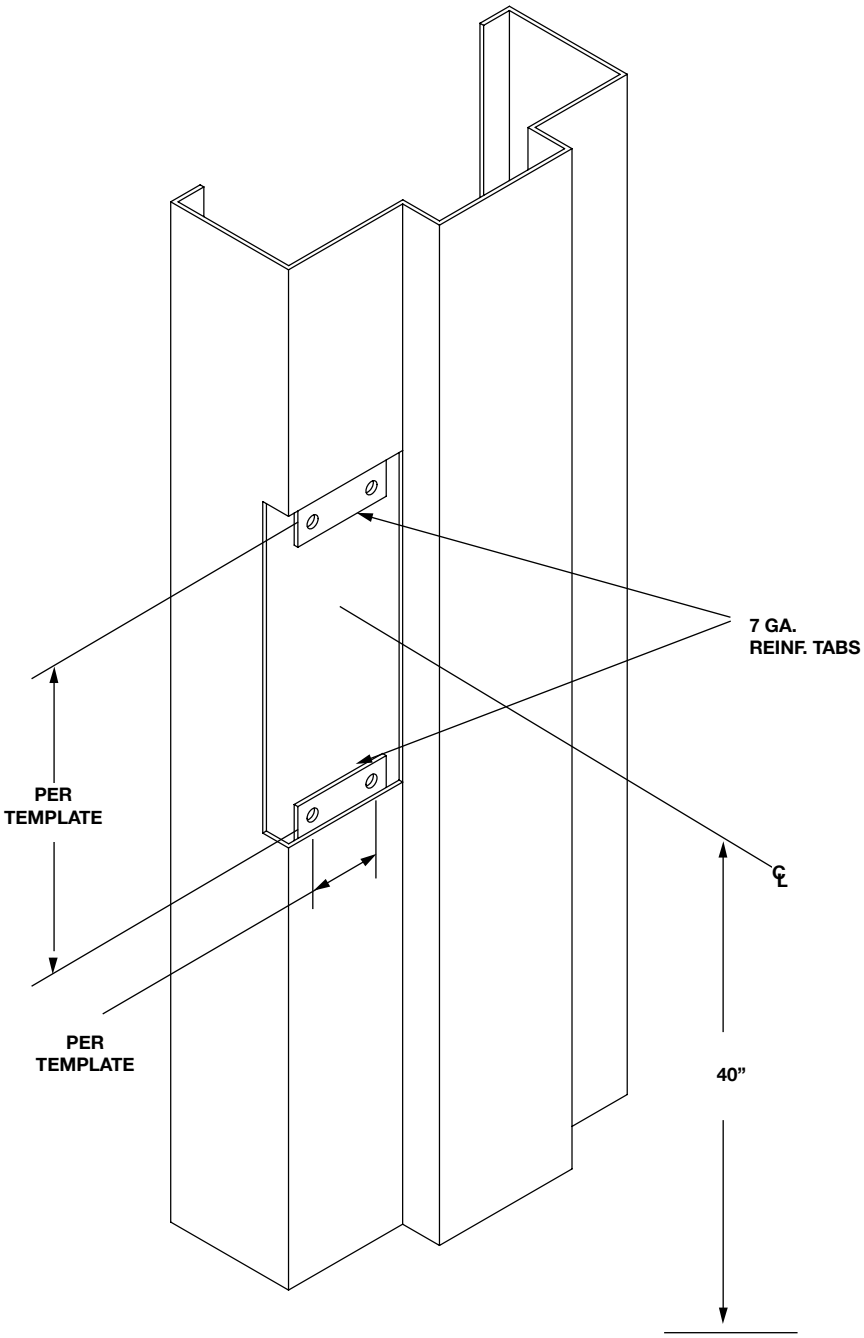


EJ4, EJ8, EJ12 - JAMB LOCK

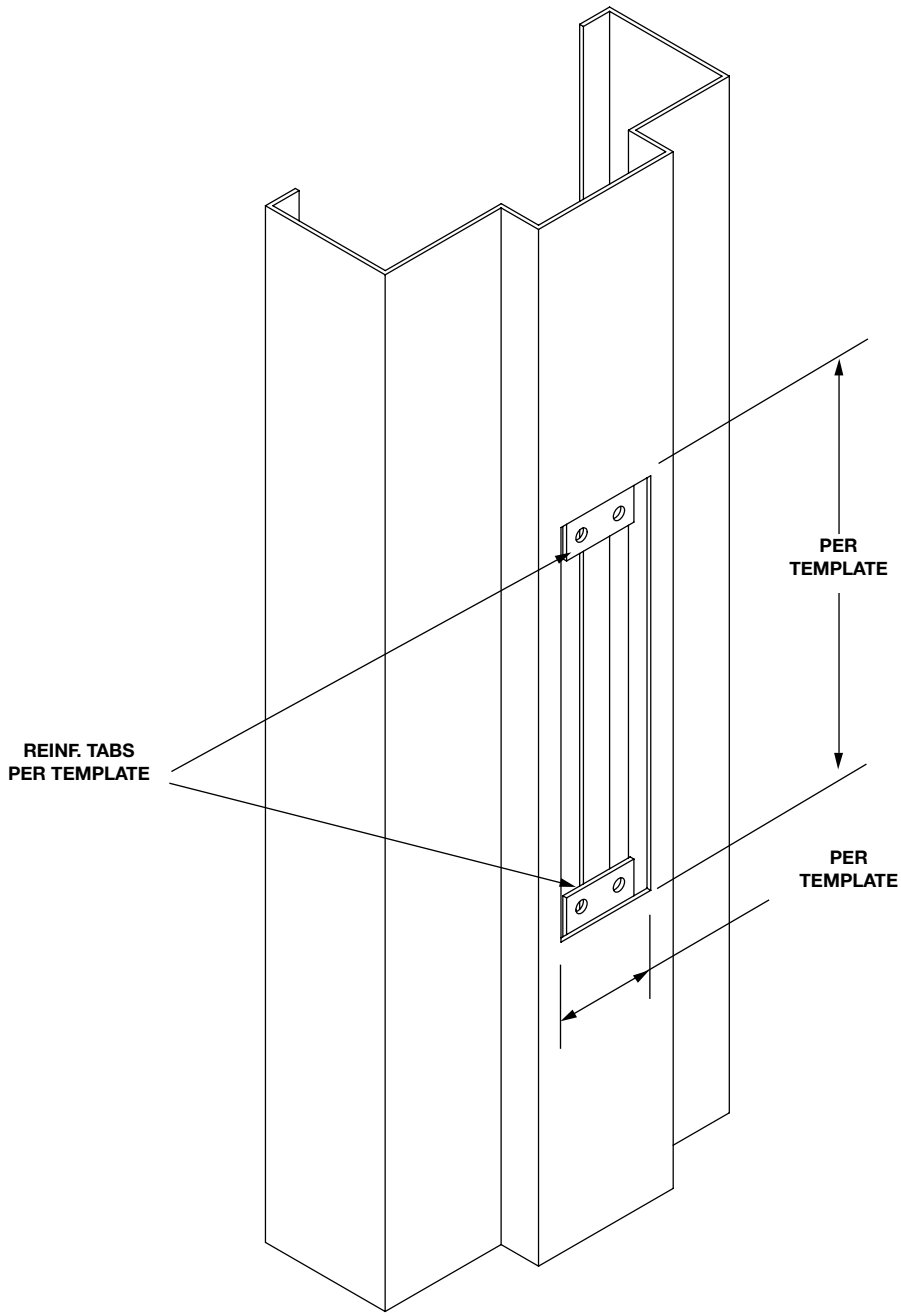


E30 - STRIKE - POCKET LOCK

Ⓛ



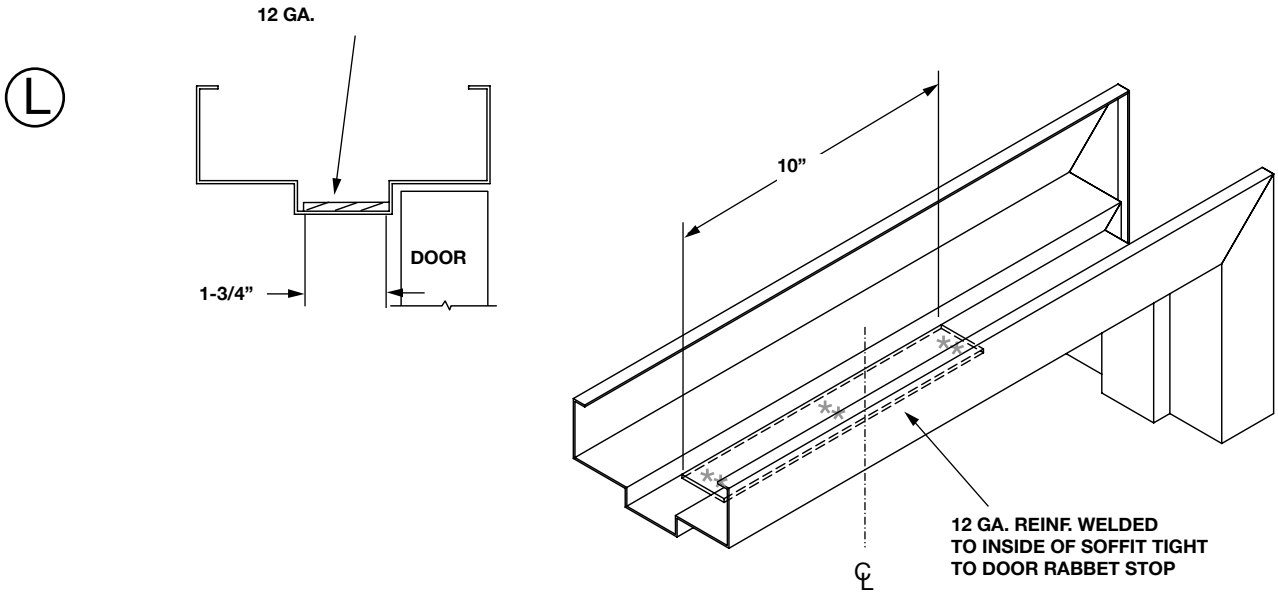
MAG - MAGNETIC LOCK



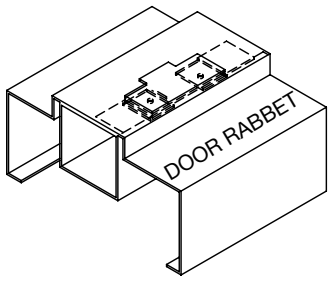
E5 RIM VERTICAL ROD SURFACE STRIKE REINF.

BACK

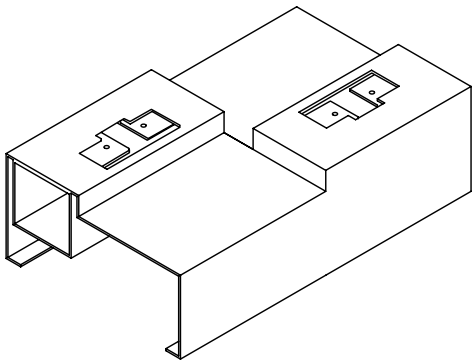
E5 REINFORCING IS LOCATED ON CENTERLINE OF HEAD FOR PAIR FRAMES
AND ADJACENT TO STRIKE JAMB ON SINGLE SWING FRAMES.



G20 VERTICAL ROD EXIT MORTISE STRIKE PREPARATION



HEADS

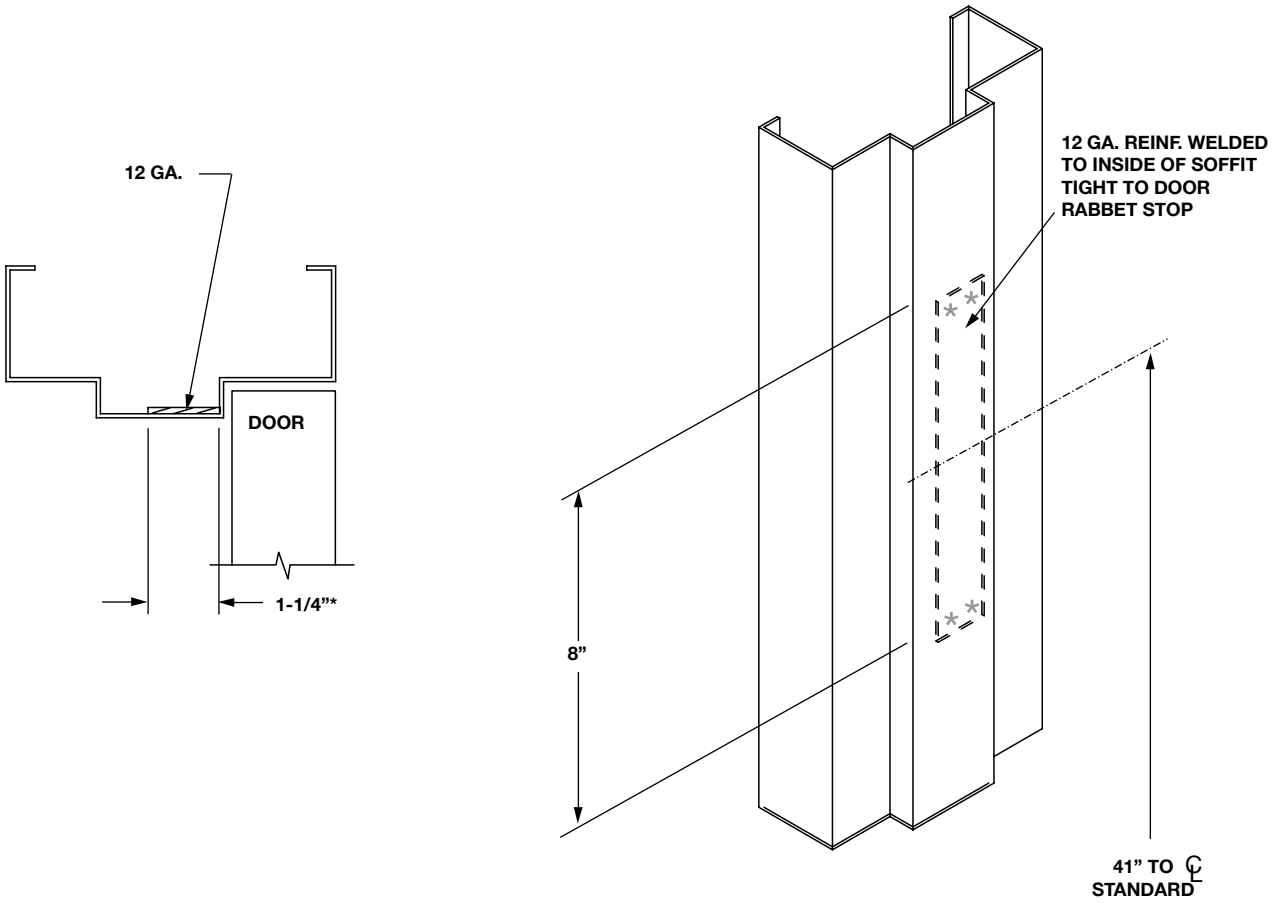


G20 PREPARED FOR MORTISE STRIKES PER
TEMPLATE OF HARDWARE MANUFACTURER

SPECIFY EXIT DEVICE AND STRIKE BEING USED WHEN ORDERING

E8 RIM EXIT REINFORCEMENT

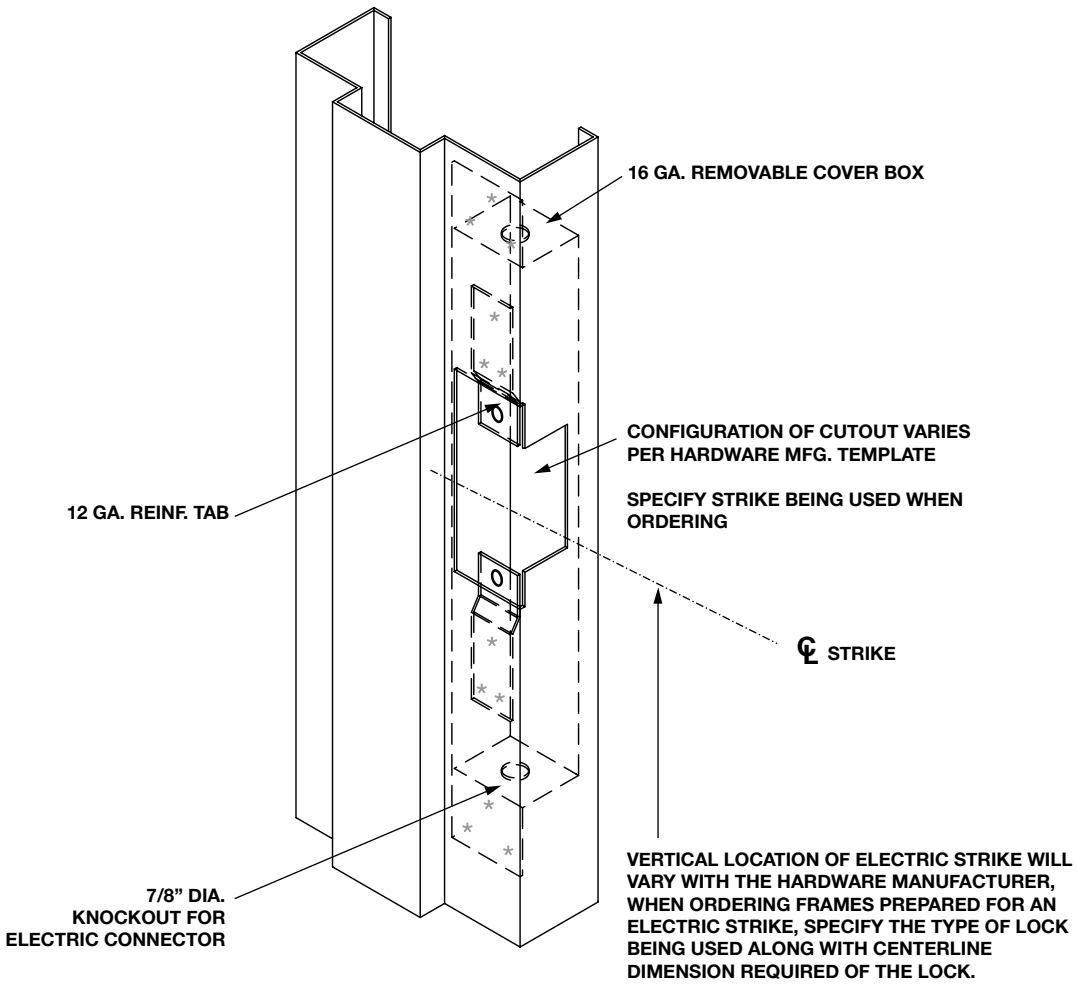
Ⓛ



** THE REINFORCEMENT WIDTH WILL BE EQUAL TO THE SOFFIT WIDTH WHEN LESS THAN 1-1/4". CUSTOMER SHOULD VERIFY HARDWARE COMPATIBILITY BEFORE ORDERING NARROW SOFFITS.*

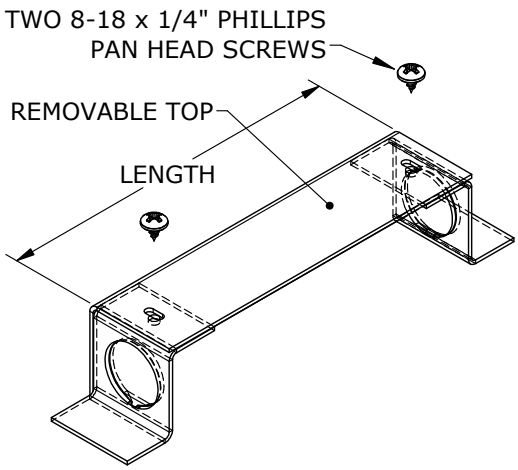
E9 ELECTRIC STRIKES

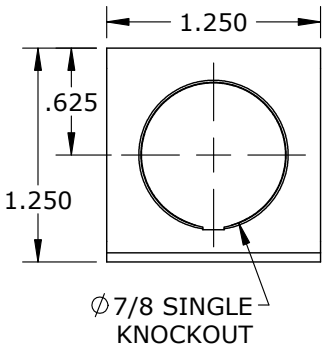
Ⓛ



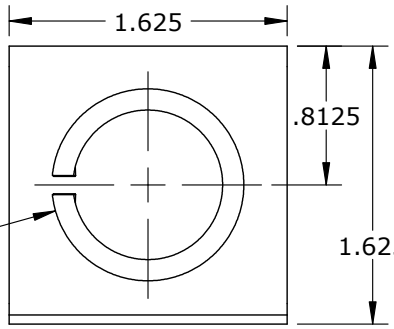
NOTE: FIRE RATED FRAMES INCORPORATING AN ELECTRIC STRIKE WITH A COVERBOX, REQUIRE THAT THE WALL BOARD PENETRATE THE THROAT OF THE FRAME BY 1/2" MINIMUM. ELECTRIC STRIKE MUST BE LISTED FOR USE WITH FIRE RATED OPENINGS.

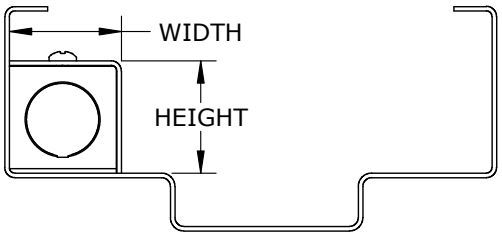
CONDUIT - COVERBOX CLEARANCE DIMENSIONS





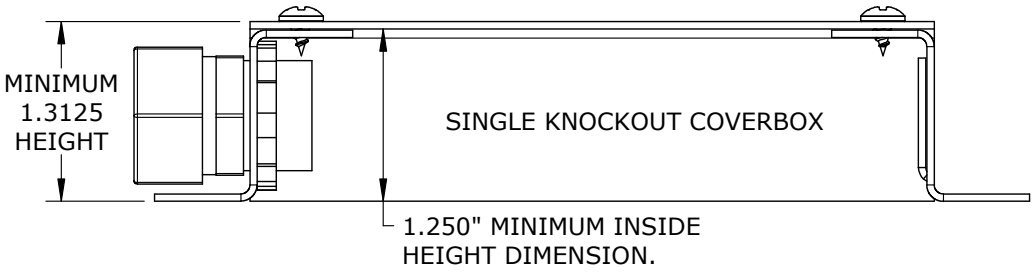
MINIMUM DIMENSIONS FOR COVERBOX ENDS WITH KNOCKOUTS ARE AS SHOWN HERE.

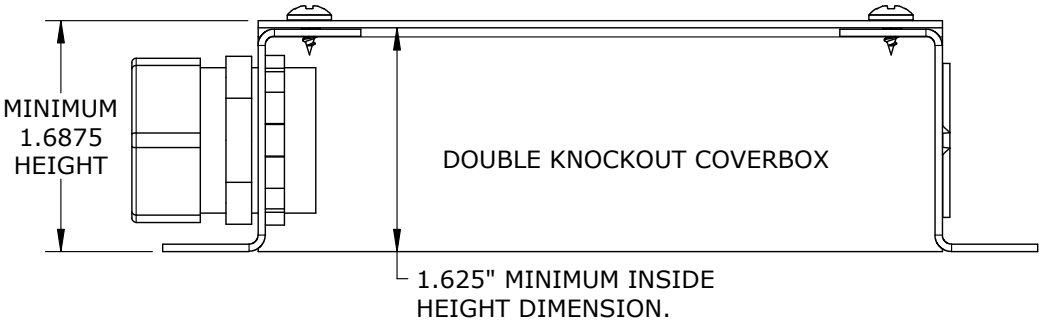




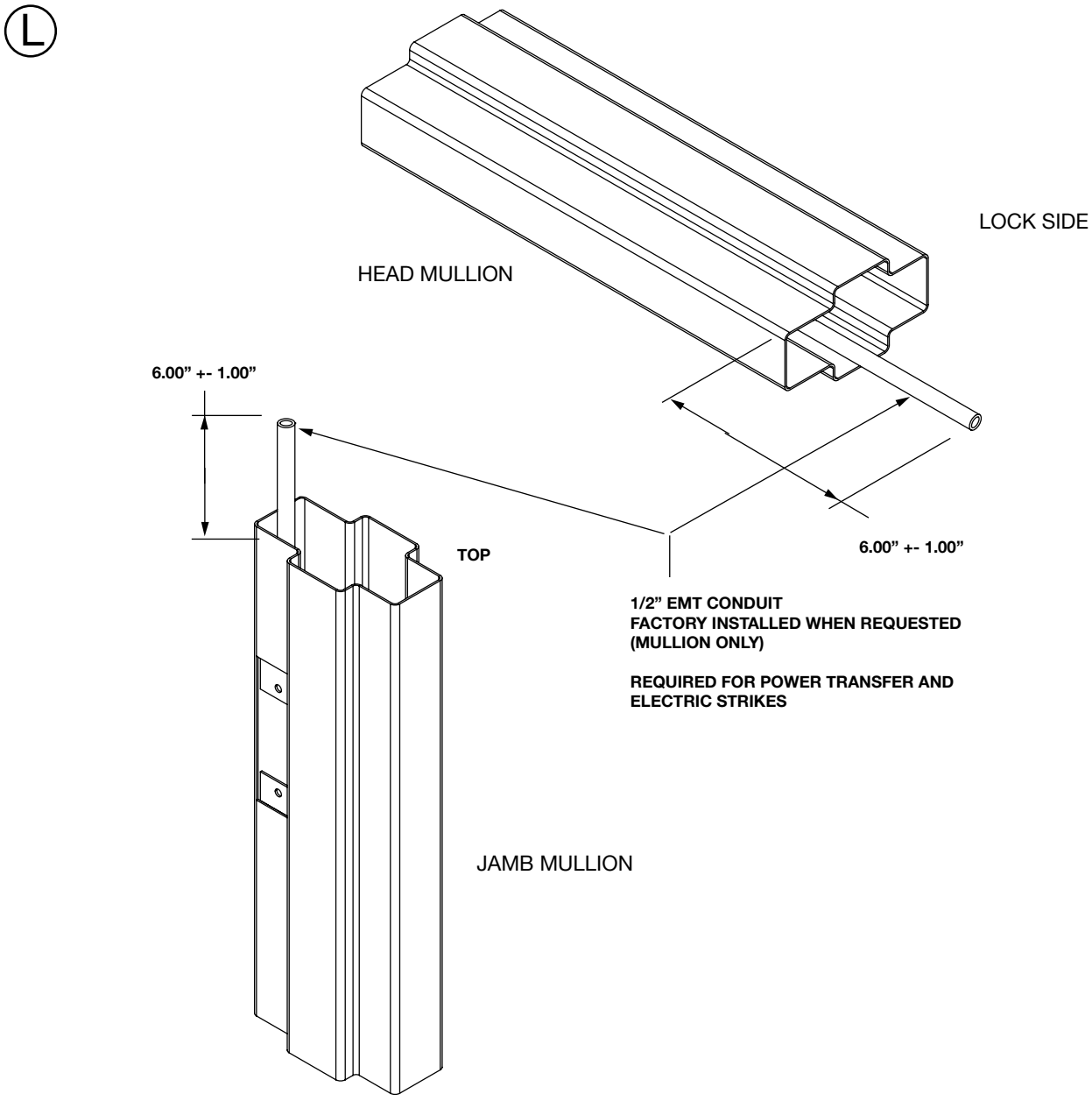
7/8" SINGLE KNOCKOUT REQUIRES A 1.3125" MINIMUM COVERBOX HEIGHT.
1-1/8" DOUBLE KNOCKOUT REQUIRES A 1.6875" MINIMUM COVERBOX HEIGHT.

SINGLE KNOCKOUTS CAN ONLY BE USED WITH 1/2" CONDUIT CONNECTORS.
DOUBLE KNOCKOUTS CAN BE USED WITH BOTH 1/2" & 3/4" CONDUIT CONNECTORS.



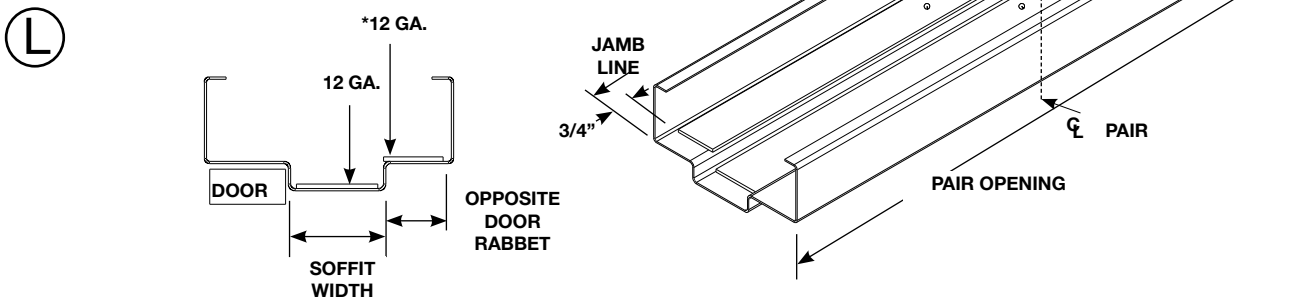


CONDUIT PREPARATION (RW-3)

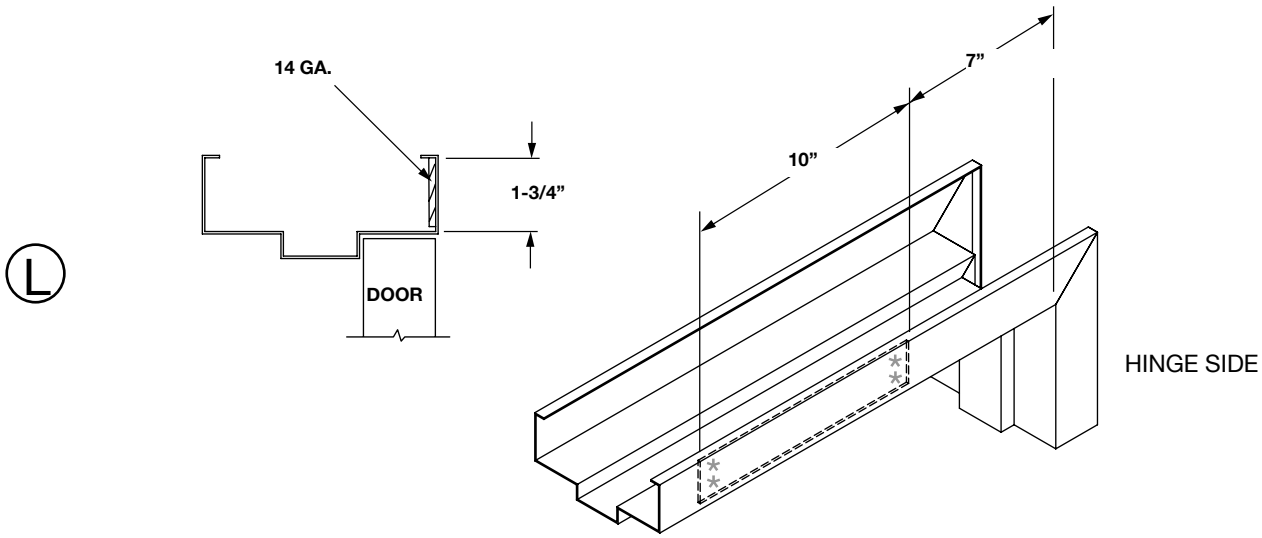


G23 COORDINATOR REINFORCEMENT

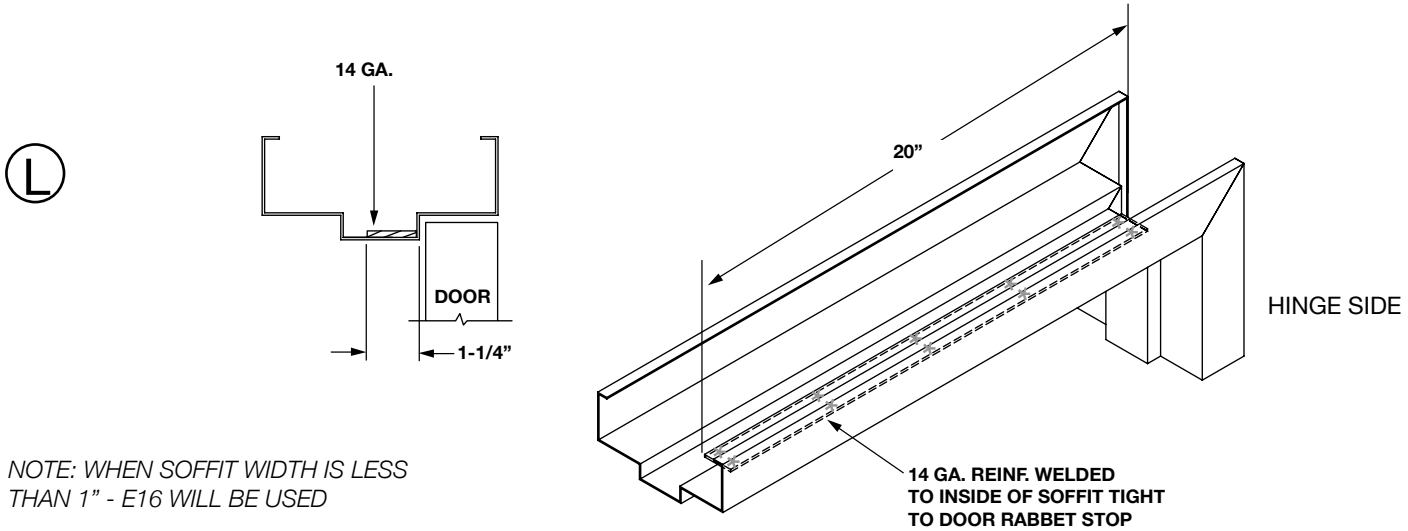
** REINFORCEMENT LOCATED IN OPPOSITE DOOR RABBET ONLY WHEN SOFFIT WIDTH IS 2-1/2" OR LESS.*



E10 STANDARD MTG. 14 GA. CLOSER REINF.



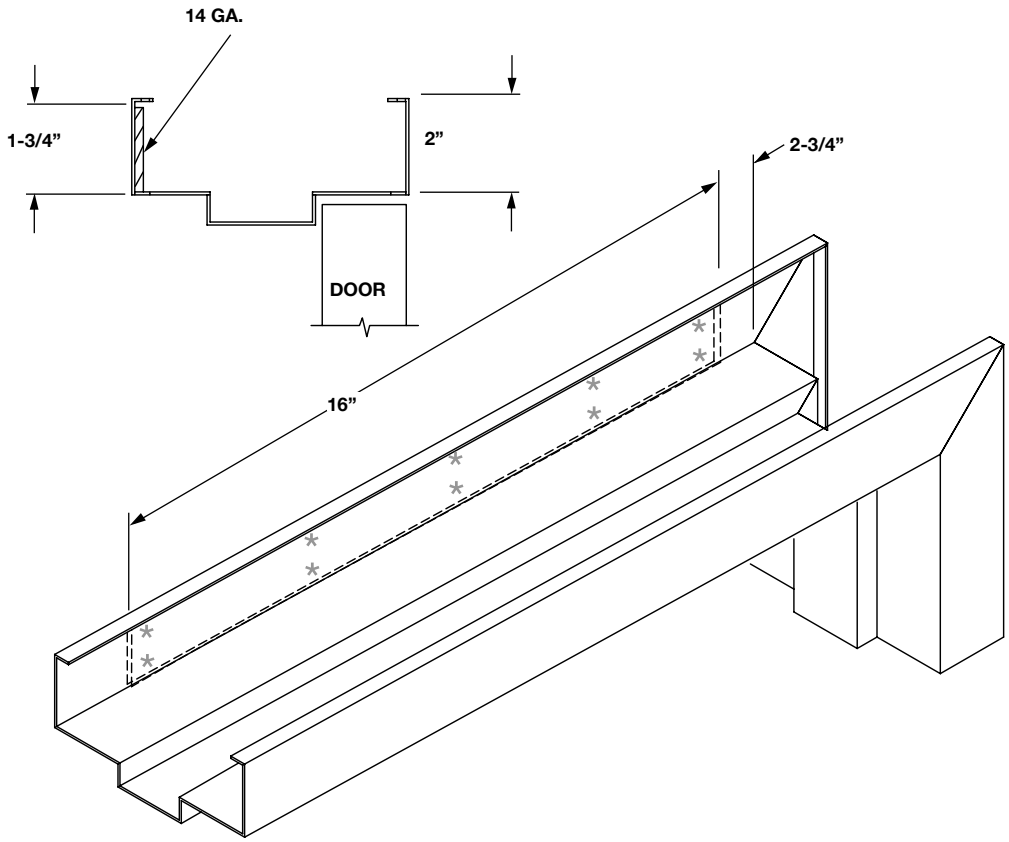
E11 PARALLEL ARM MTG. 14 GA. CLOSER REINF.



NOTE: WHEN SOFFIT WIDTH IS LESS THAN 1" - E16 WILL BE USED

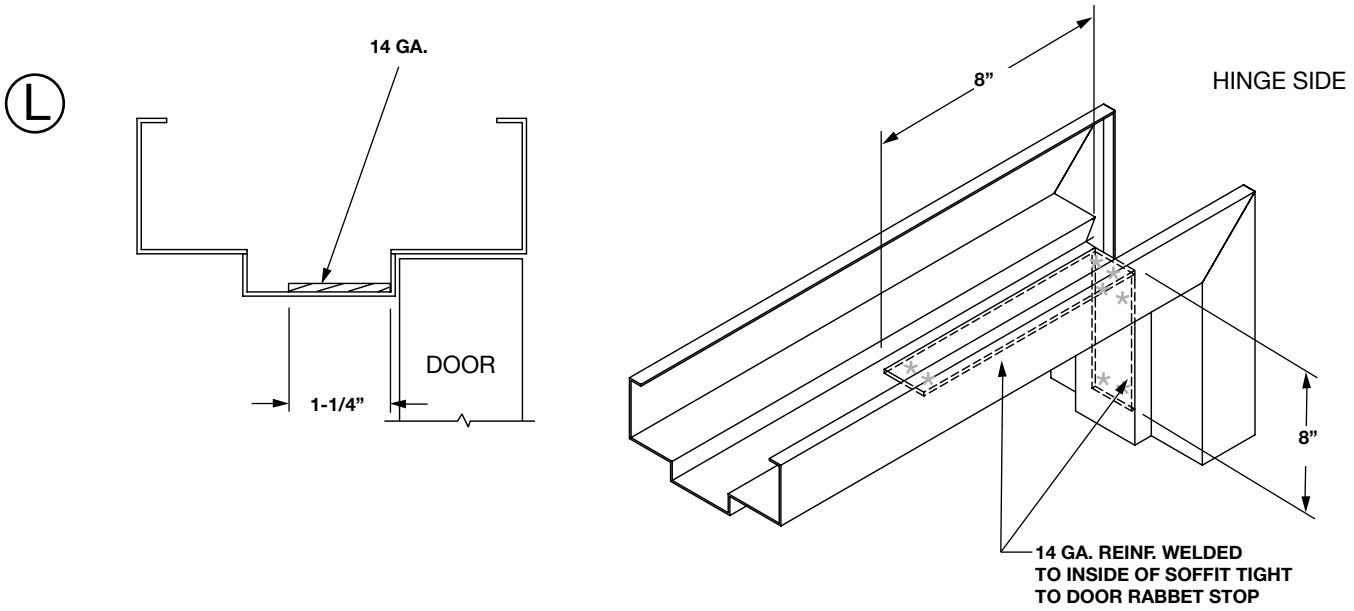
E12 TOP JAMB MTG. 14 GA. CLOSER REINF.

Ⓛ



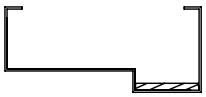
HINGE SIDE

E13 CORNER BKT. MTG. 14 GA. CLOSER REINF.

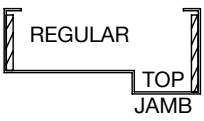


DOUBLE EGRESS FRAME CLOSER REINFORCEMENTS

L

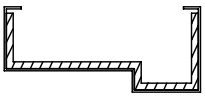


E11----------PARALLEL ARM MOUNTING----------14 GA.
20” LONG

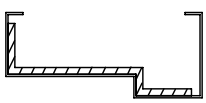


E10----------REGULAR MOUNTING----------14 GA.
10” LONG

E12----------TOP JAMB MOUNTING----------14 GA.
16” LONG

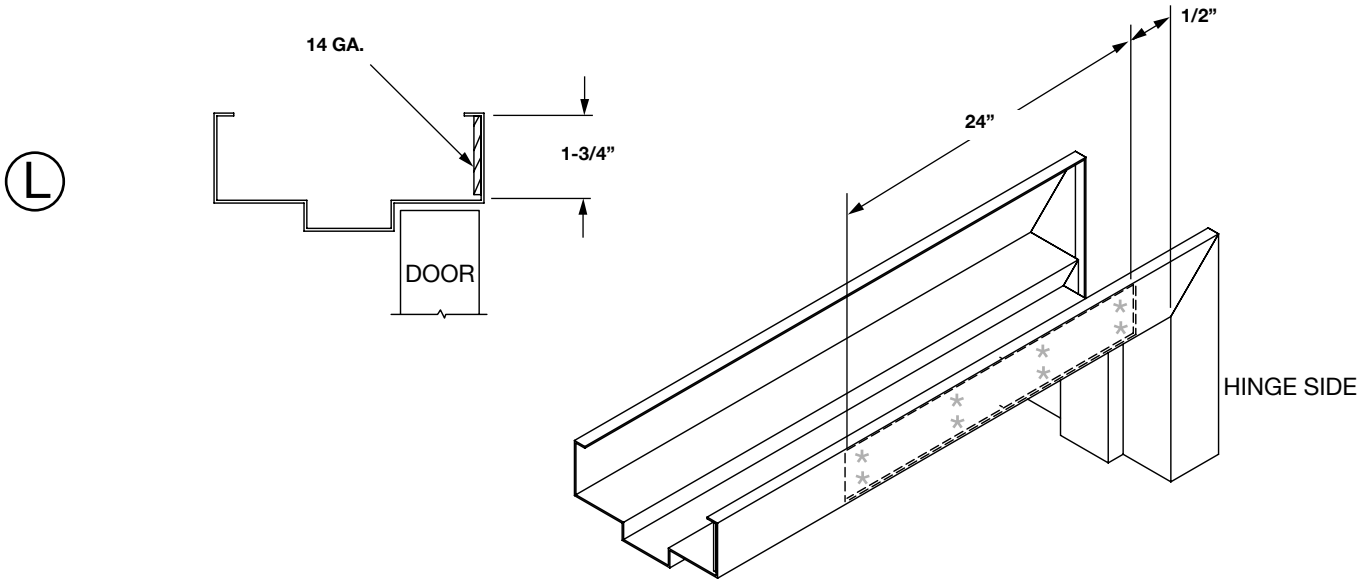


E17A----------FULL SLEEVE----------14 GA.
REGULAR, TOP JAMB 16” LONG
PARALLEL ARM MOUNTINGS

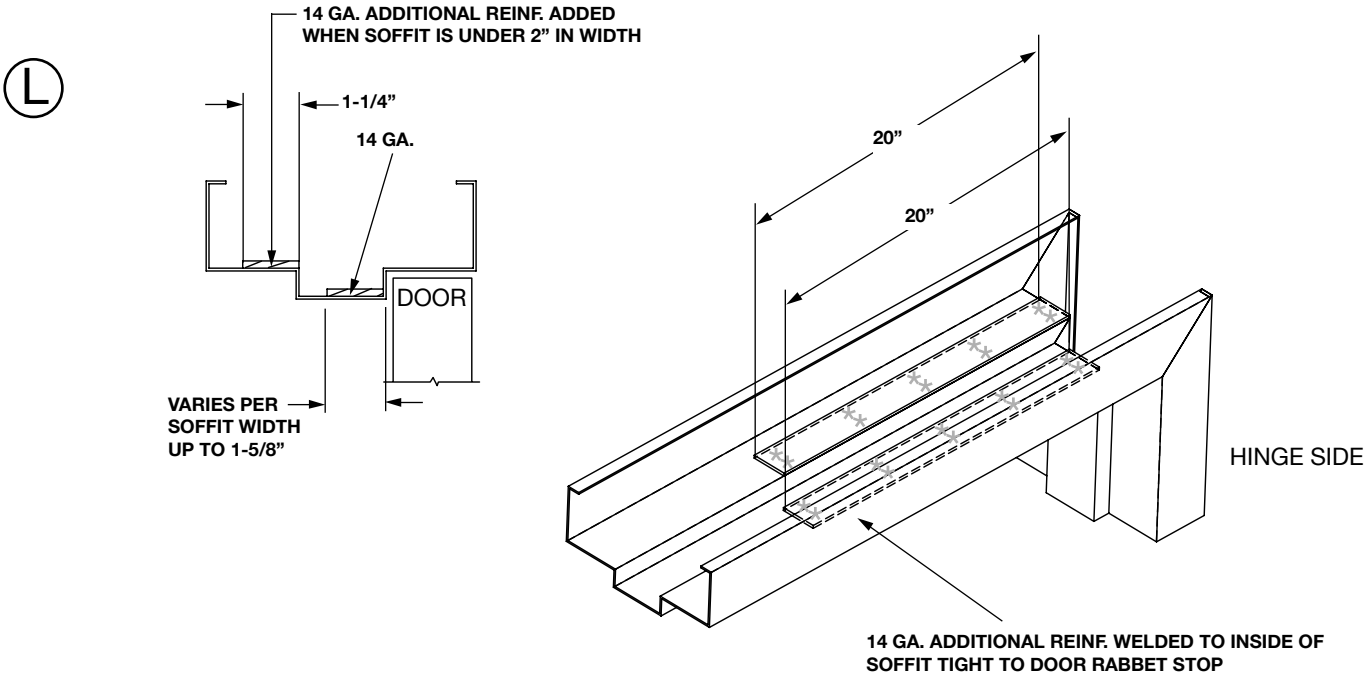


E18----------HALF SLEEVE----------14 GA.
REGULAR AND 16” LONG
PARALLEL ARM MOUNTINGS

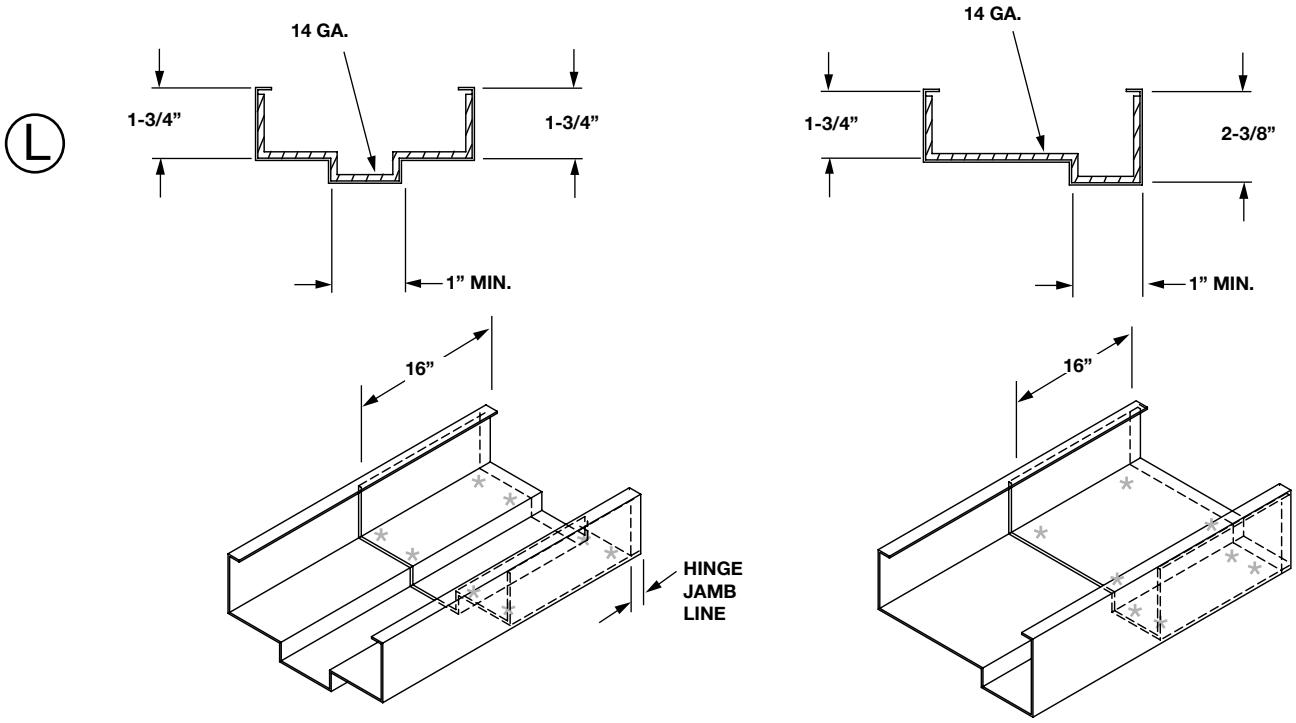
E15 CLOSER REINF.



E16 DOUBLE PARALLEL ARM 14 GA. CLOSER REINF.

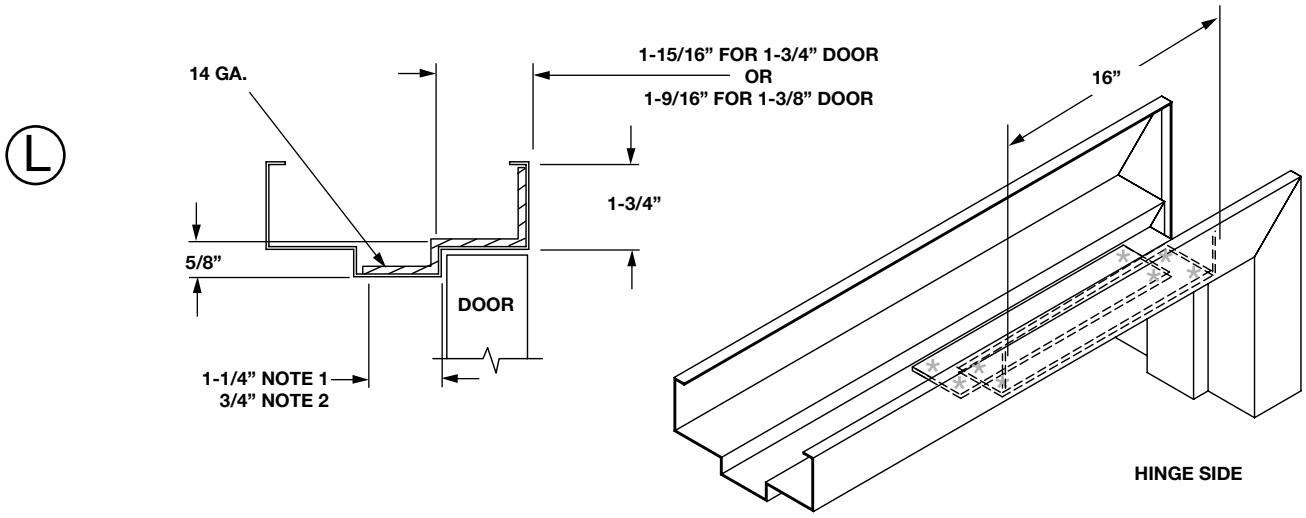


E17 14 GA. FULL SLEEVE CLOSER REINFORCEMENT



NOTE: SPECIAL PROFILE REINFORCEMENT REQUIRED WHEN CLOSER IS MOUNTED TO FRAME FACE GREATER THAN 2"

E18 14 GA. FORMED HALF SLEEVE CLOSER REINF.

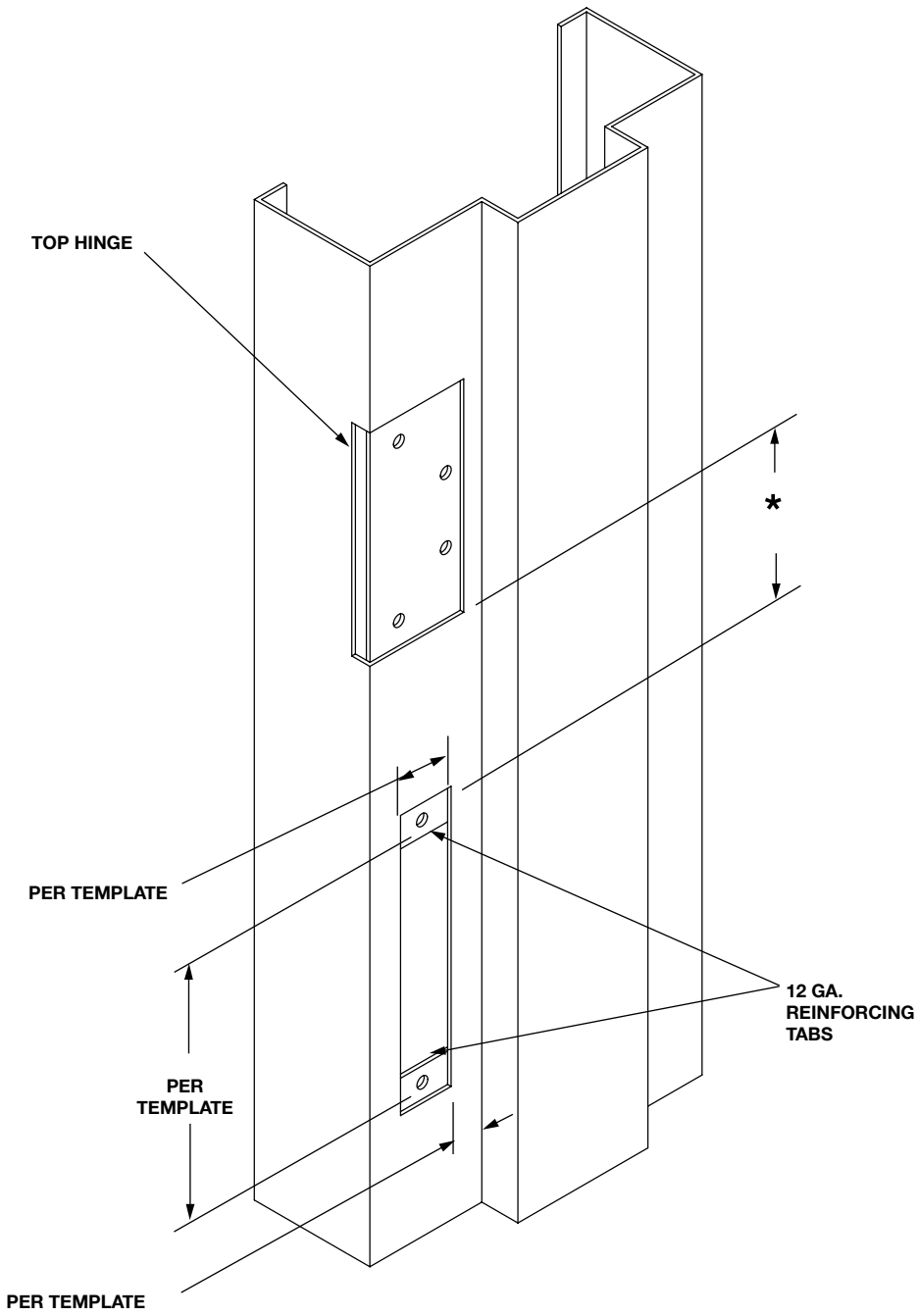


NOTE:
1) 1-1/2" MINIMUM SOFFIT REQ'D
2) 1" MINIMUM SOFFIT REQ'D

NOTE: SPECIAL PROFILE REINFORCEMENT REQUIRED WHEN CLOSER IS MOUNTED TO FRAME FACE GREATER THAN 2"

EPT - ELECTRONIC POWER TRANSFER

Ⓛ



** LOCATION PER TEMPLATE. IF NO LOCATION ON TEMPLATE, THEN LOCATION MUST BE SPECIFIED WITH ORDER. THE QUANTITY OF HINGES MAY REQUIRE COORDINATION OF LOCATION WITH DOOR, (EX. 4 HINGES ON A 7'0"). WOOD DOORS MAY REQUIRE OTHER LOCATIONS*

G21 - G22 REMOVABLE HARDWARE MULLION

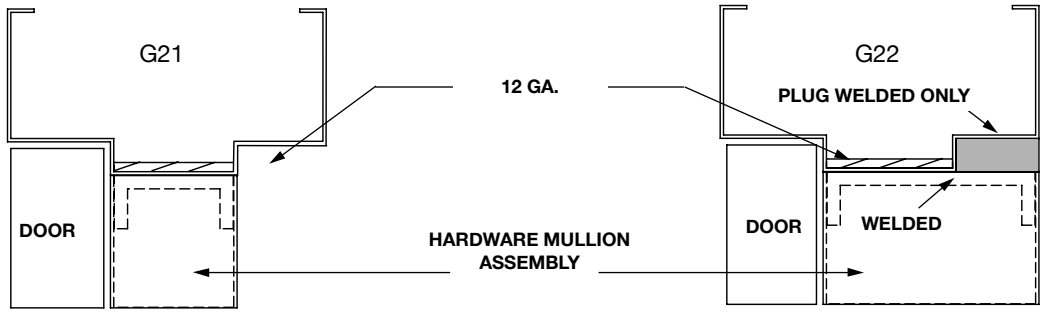
MULLION TOP BRACKET MOUNTING SCREWS TO BE DRILLED AND TAPPED IN FIELD BY HARDWARE INSTALLER.

5/8" C.R.S. FILLER BLOCK IS FURNISHED WHEN SOFFIT WIDTH IS TOO NARROW TO APPLY HARDWARE TO SOFFIT

Ⓛ

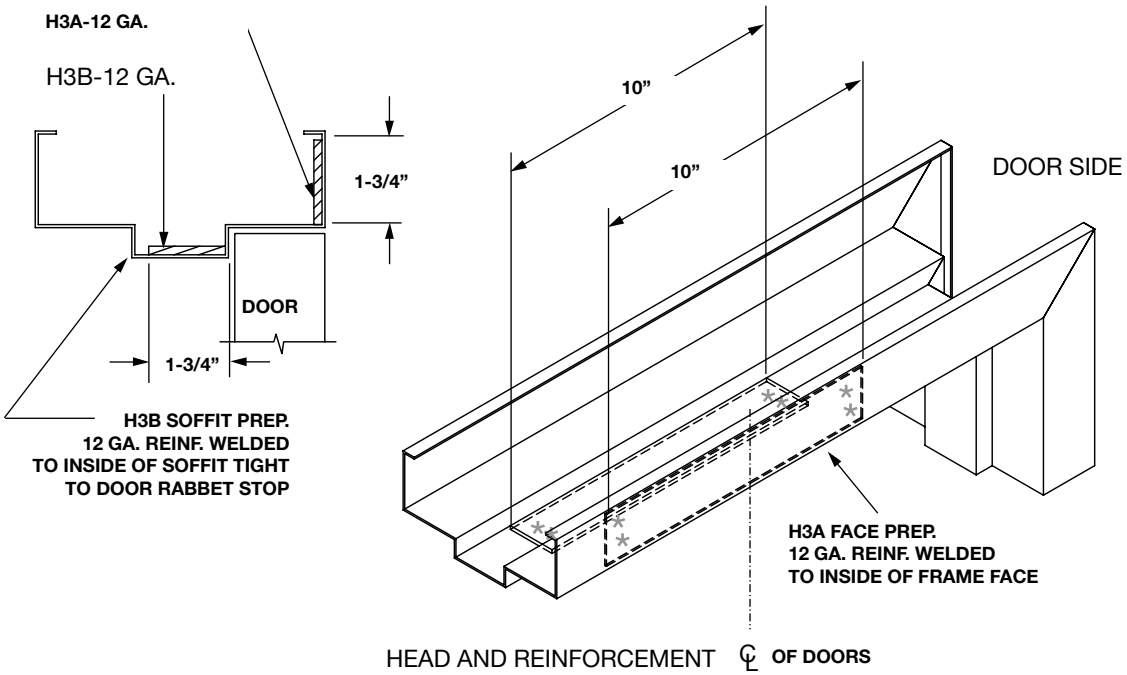
G21 PLATE REINFORCEMENT USED WHEN SOFFIT IS 3" WIDE OR GREATER.

G22 PLATE REINFORCEMENT USED WHEN SOFFIT IS LESS THAN 3".



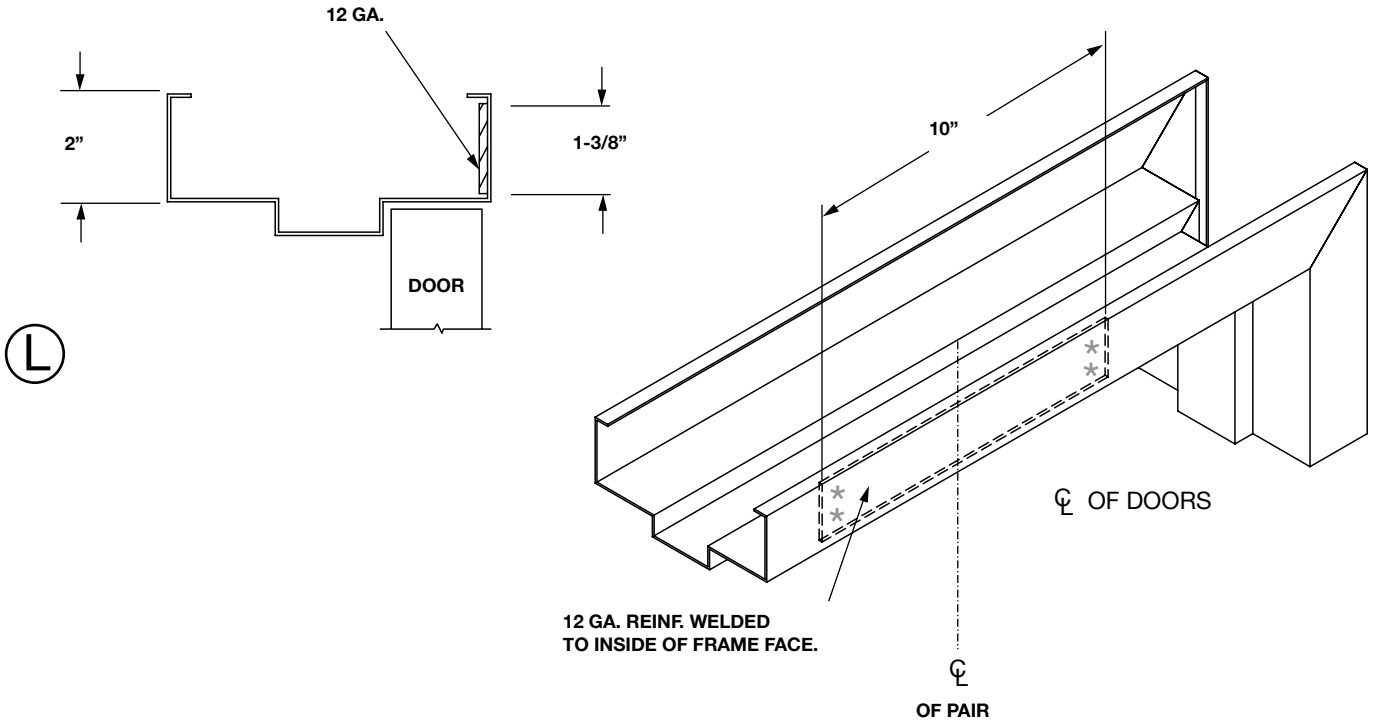
H3A - H3B SURFACE BOLT PREPARATION

Ⓛ

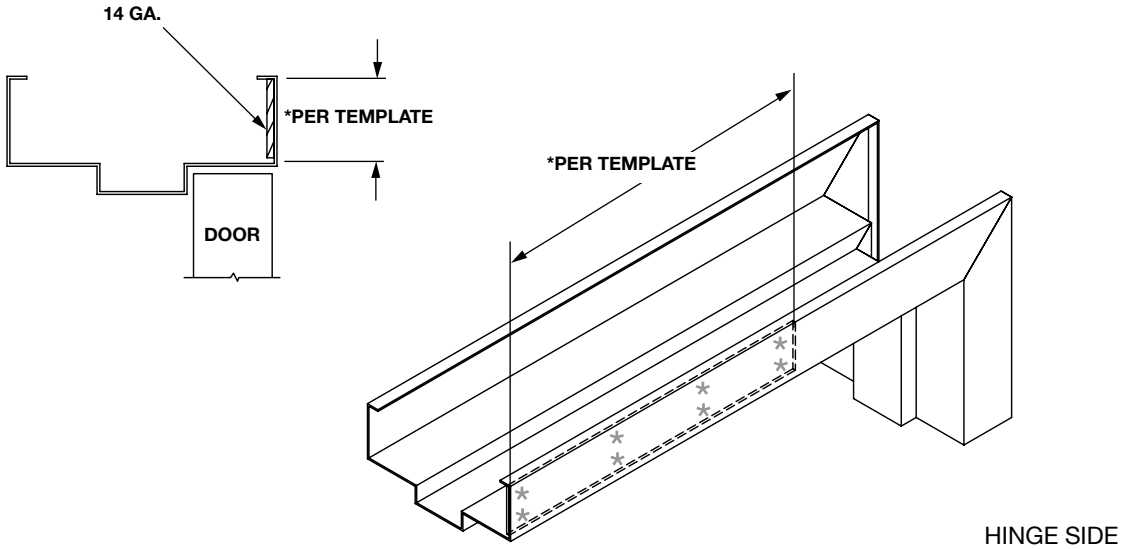


NOTE: WHEN ORDERING SPECIFY EITHER H3A OR H3B REINFORCING

G24 COORDINATOR REINFORCEMENT

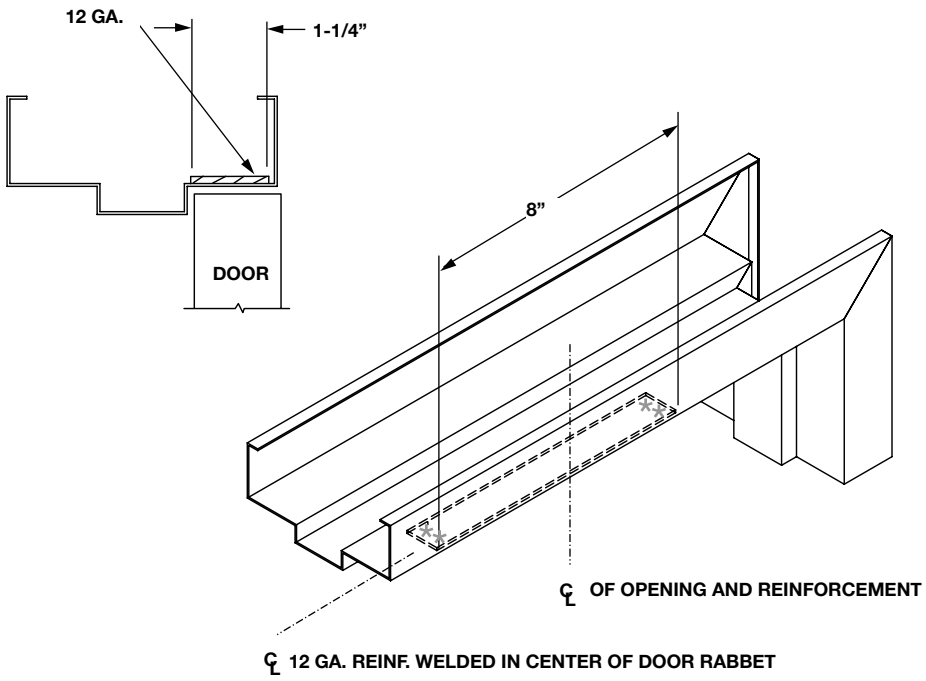


CL - CLOSER REINFORCEMENT PER TEMPLATE

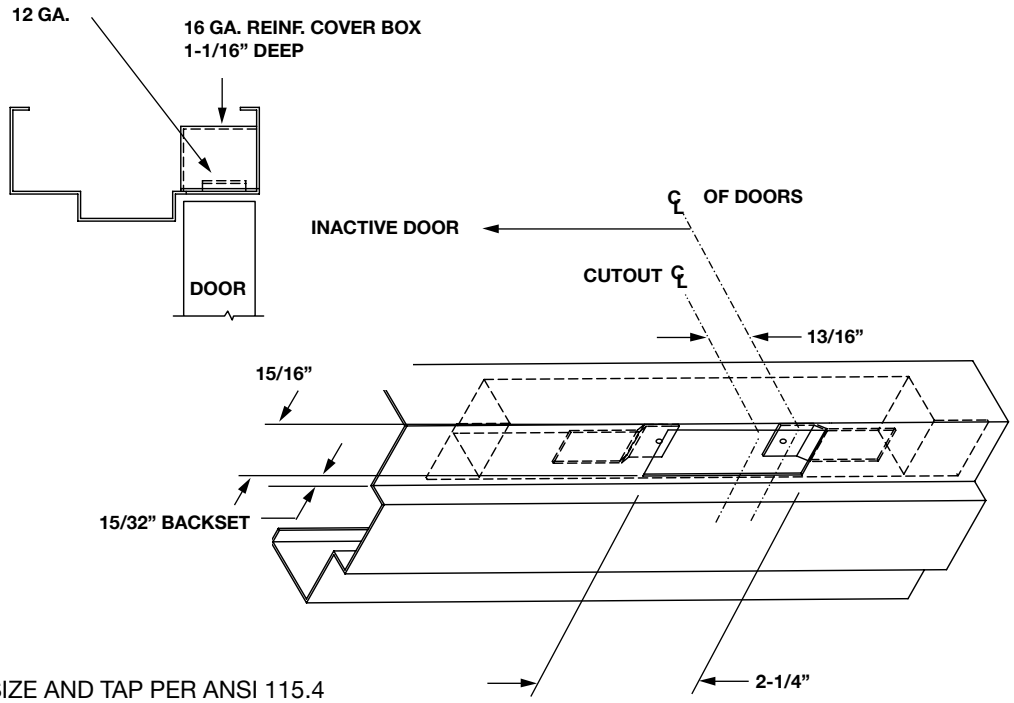


* *SPECIFY MANUFACTURER AND MODEL NUMBER WHEN ORDERING*
ADVISE POWER SOURCE LOCATION IF REQUIRED

H1 FLUSH BOLT REINFORCEMENT



H2 FLUSH BOLT PREP. AND REINF. (ANSI)



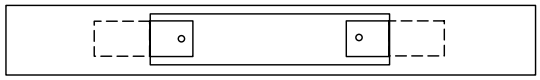
SIZE AND TAP PER ANSI 115.4

H4 AUTO FLUSH BOLT

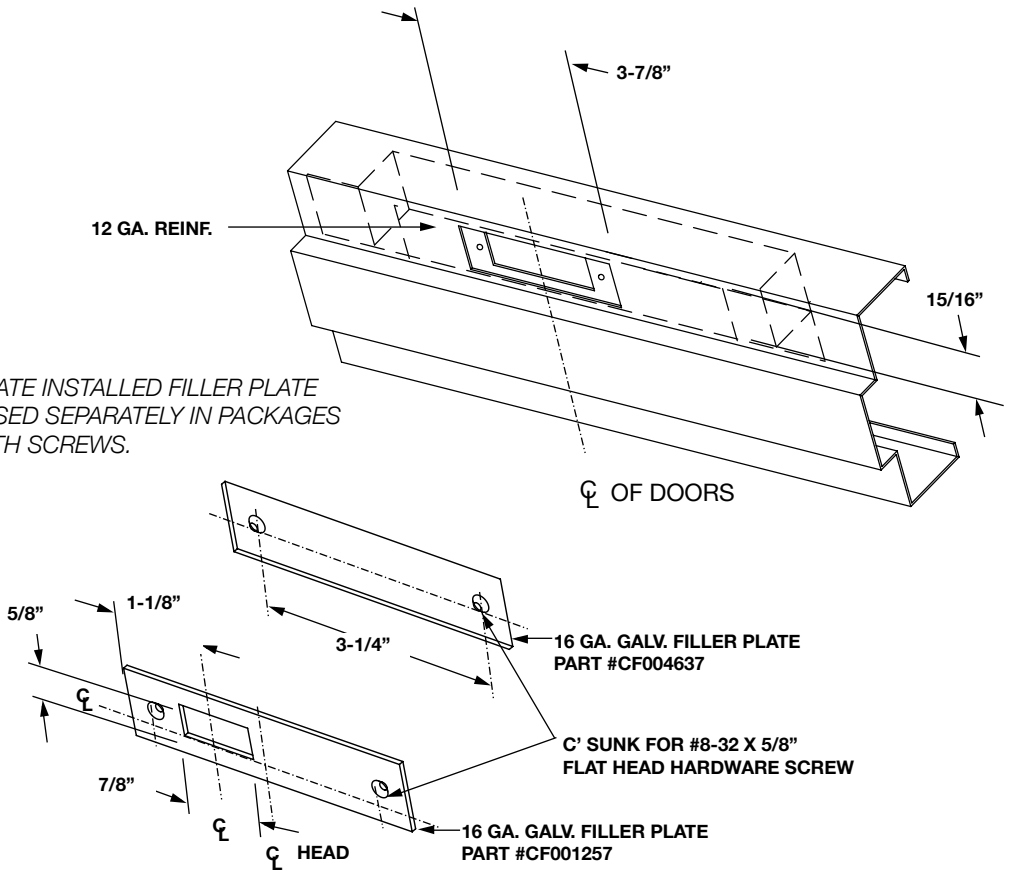
PREPARATION FOR AUTOMATIC FLUSH BOLT IS PER HARDWARE MANUFACTURER'S TEMPLATE.

PLEASE SPECIFY MANUFACTURER AND MODEL NUMBER WHEN ORDERING.

LABELED IF HARDWARE IS APPROVED AND PREPPED TO TEMPLATE.

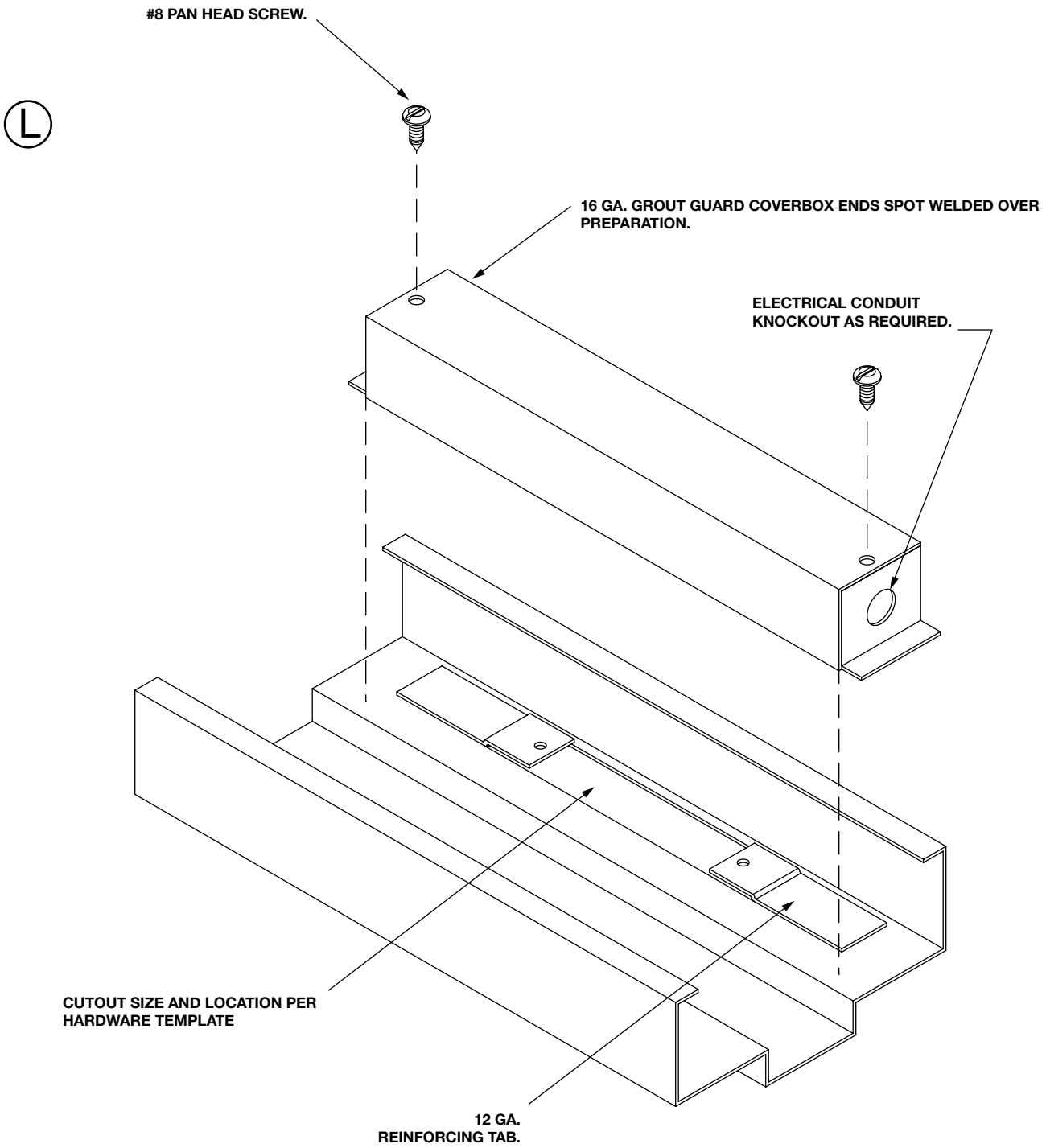


H5 NON-HANDED FLUSH BOLT



NOTE: STRIKE PLATE INSTALLED FILLER PLATE MAY BE PURCHASED SEPARATELY IN PACKAGES OF 50 PIECES WITH SCREWS.

ELECTRIC MAGNETIC DOOR POSITION SWITCH



NOTE: JUNCTION BOXES ARE NOT CAULKED AT THE FACTORY. TO BE FIELD CAULKED BY INSTALLATION CONTRACTOR.

ELECTROLYNX® SYSTEM LX OPTIONS

“HARDWIRING MADE EASY”

THE CURRIES LX CABLE IS EQUIPPED WITH THE ELECTROLYNX® SYSTEM OF “PLUG-IN” CONNECTORS FOR FAST, EASY, CONNECTION TO SIMILARLY EQUIPPED ASSA ABLOY HARDWARE. THE LX CABLE HAS 12 CONDUCTORS OF 22 GAUGE WIRE IN A PVC JACKET, WITH ELECTROLYNX SNAP CONNECTORS ON THE HARDWARE PREP END ONLY. SHIP LOOSE ONLY. POWER OVER ETHERNET (POE) CABELS ARE ALSO AVAILABLE.

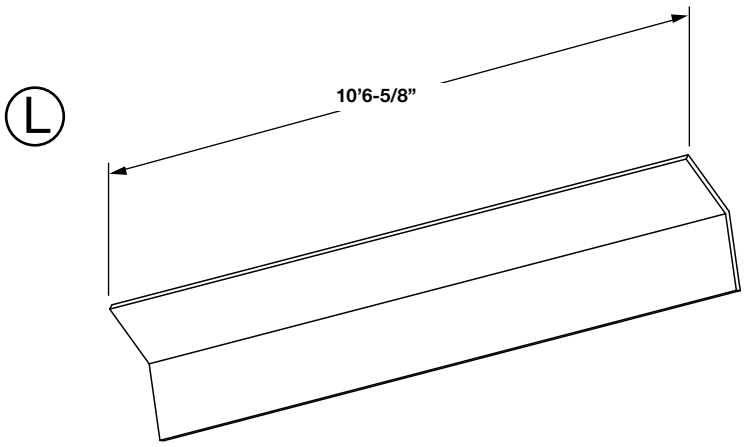
- CHECK ANCHOR INTERFERENCE WITH CONDUIT, SOME LOOSE ANCHOR STYLES WON’T WORK.
- SOME ELECTRIC PREPS WON’T ALLOW 1/2” DRYWALL PENETRATION FOR FIRE RATED FRAMES.
- CONDUIT IS TO BE SUPPLIED AND INSTALLED BY OTHERS.

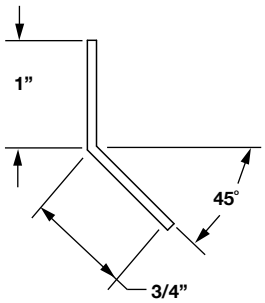
ACC HARNESS OPTIONS

THE ACC CABLE IS EQUIPPED WITH “PLUG-IN” CONNECTORS FOR FAST, EASY CONNECTION TO SIMILLARY EQUIPPED HARDWARE. THE CABLE HAS TWELVE 20 GAUGE CONDUCTORS IN A PVC JACKET, WITH SNAP CONNECTORS ON THE HARDWARE PREP END ONLY. SHIP LOOSE ONLY.

- CHECK ANCHOR INTERFERENCE WITH CONDUIT, SOME LOOSE ANCHOR STYLES WON’T WORK.
- SOME ELECTRIC PREPS WON’T ALLOW 1/2” DRYWALL PENETRATION FOR FIRE RATED FRAMES.
- CONDUIT IS TO BE SUPPLIED AND INSTALLED BY OTHERS.

CCW - DRIP CAP CCW 112 - 10'6-5/8" LENGTHS



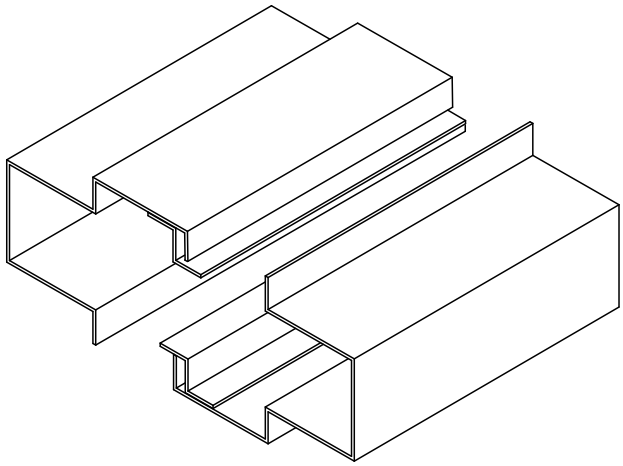


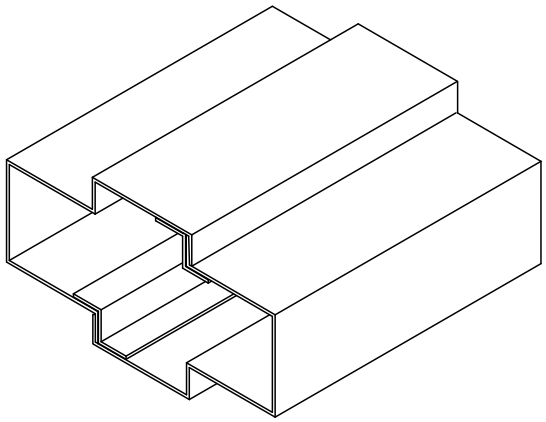
DRIP CAP

C.C.W. 112

16 GA. GALVANEAL

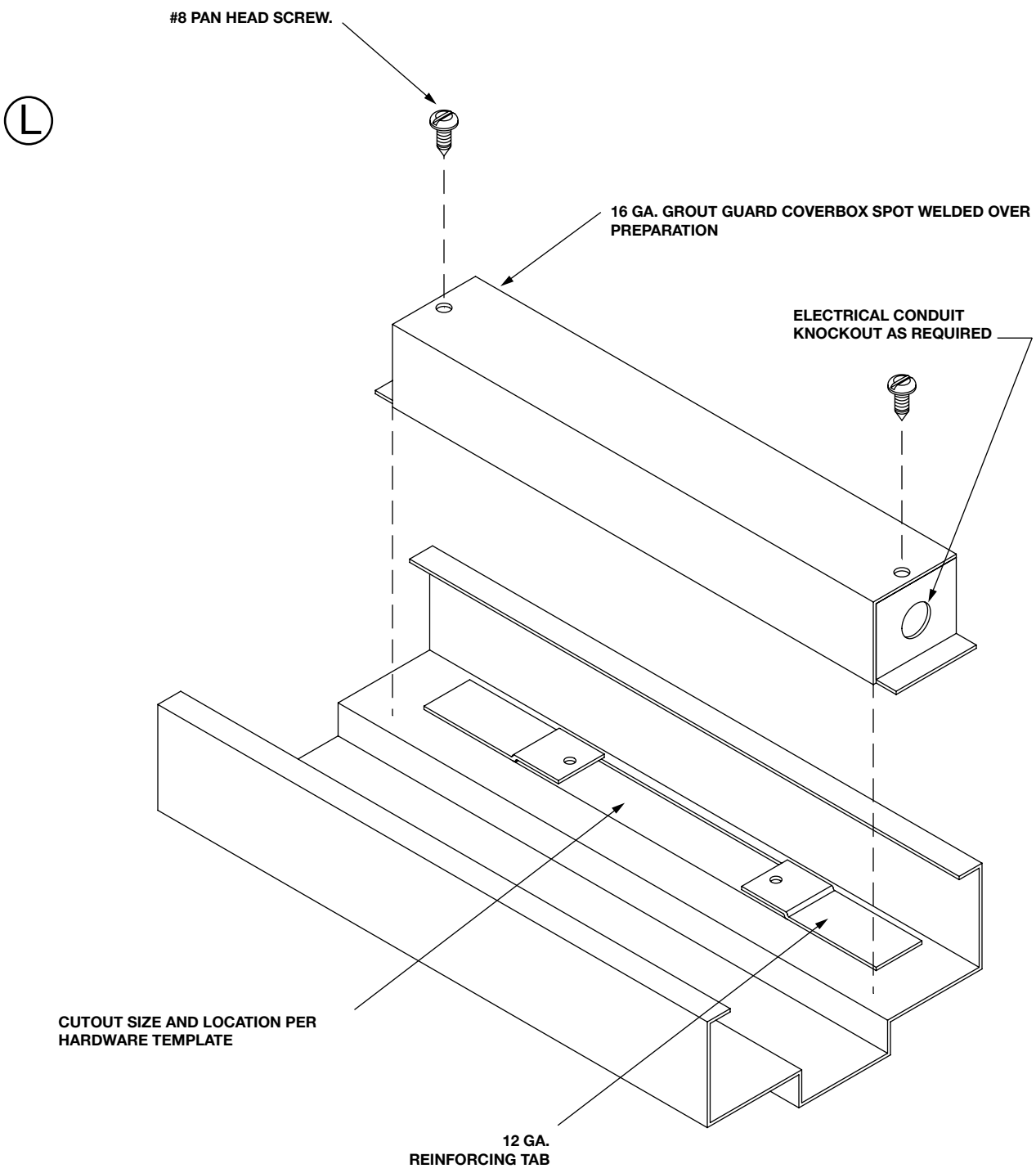
MULLION CONSTRUCTION





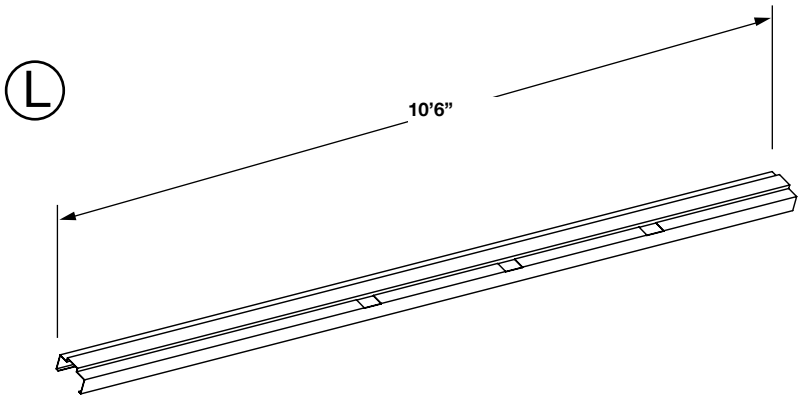
ORDER CODE: OM

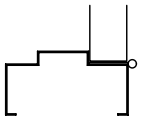
ELECTRIC FULLY-CONCEALED DOOR POSITION SWITCH



NOTE: JUNCTION BOXES ARE NOT CAULKED AT THE FACTORY. TO BE FIELD CAULKED BY INSTALLATION CONTRACTOR.

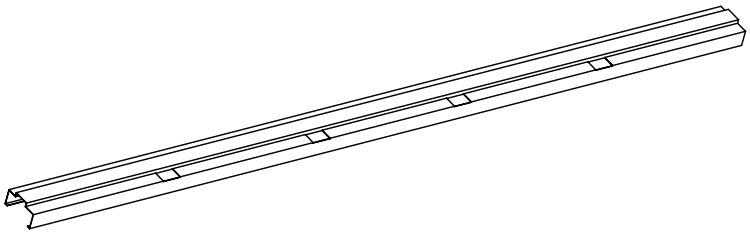
CCW - OPEN BACK RAIL - 10’6” LENGTHS

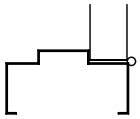




OPEN BACK RAIL
HINGE JAMB

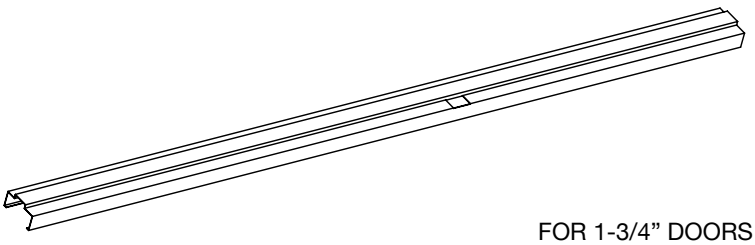
6’8”	LOCATION 3 HINGES	C.C.W. 24
7’0”	LOCATION 3 HINGES	C.C.W. 25
7’2”	LOCATION 3 HINGES	C.C.W. 39

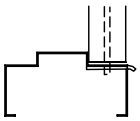




OPEN BACK RAIL
HINGE JAMB

7’10”	LOCATION 4 HINGES	C.C.W. 62
8’0”	LOCATION 4 HINGES	C.C.W. 63
9’0”	LOCATION 4 HINGES	C.C.W. 119
10’0”	LOCATION 4 HINGES	C.C.W. 120





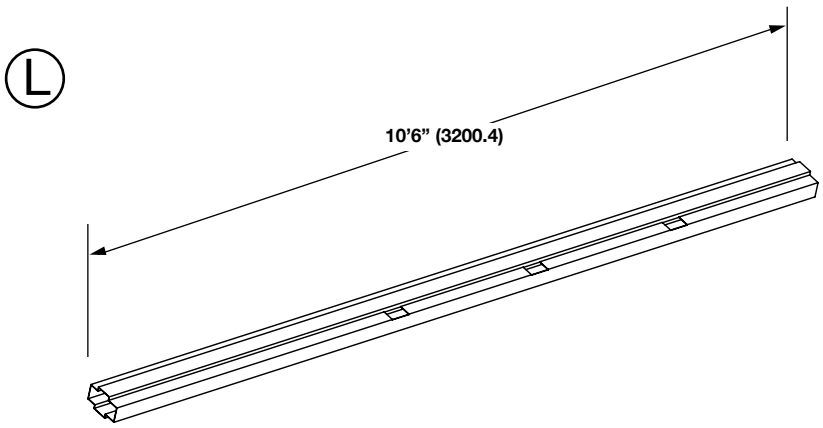
OPEN BACK RAIL
STRIKE JAMB

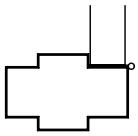
C.C.W. 26

FOR 1-3/4” DOORS ALL STRIKE LOCATIONS 40” ℄
IF PUNCHED - SILENCERS ARE REQUIRED WHEN ORDERING CCW
26 STRIKE JAMB SPECIFY DOOR HEIGHT

NOTE: ANCHORS ARE NOT INCLUDED WITH CCW MATERIAL. CCW MATERIAL MAY BE ORDERED CUT TO LENGTH - EXACT LENGTH - WITH S.M.O. OR S.B.E. CORNER CONFIGURATION. CUSTOM PROFILES AVAILABLE. 12 GA. FRAMES ARE CCW. 5-3/4 JAMB DEPTH HAS 1/2” RETURNS.

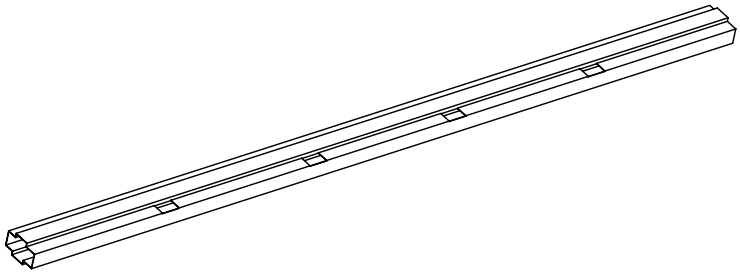
CCW - MULLION CLOSED SECTION - 10’6” LENGTHS

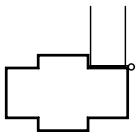




MULLION -
CLOSED SECTION
HINGE JAMB

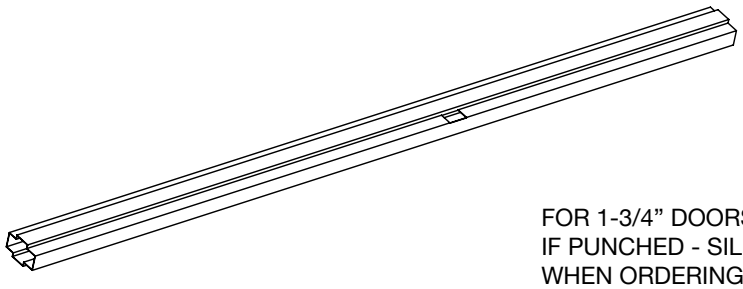
6’8”	LOCATION 3 HINGES	C.C.W. 42
7’0”	LOCATION 3 HINGES	C.C.W. 43
7’2”	LOCATION 3 HINGES	C.C.W. 44

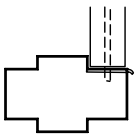




MULLION -
CLOSED SECTION
HINGE JAMB

7’10”	LOCATION 4 HINGES	C.C.W. 81
8’0”	LOCATION 4 HINGES	C.C.W. 82
9’0”	LOCATION 4 HINGES	C.C.W. 133
10’0”	LOCATION 4 HINGES	C.C.W. 134





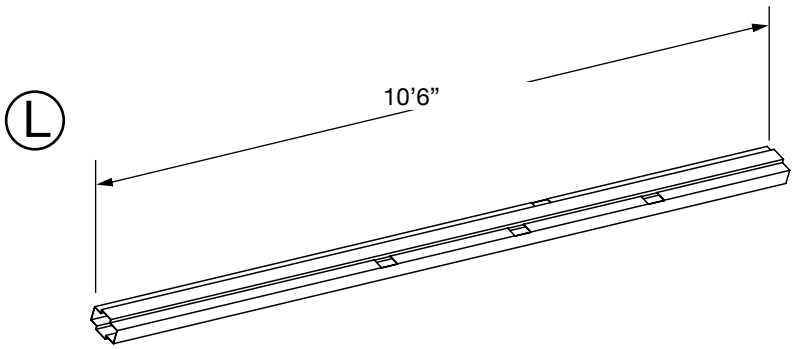
MULLION -
CLOSED SECTION
STRIKE JAMB

C.C.W. 41

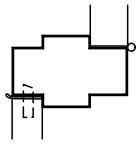
FOR 1-3/4” DOORS ALL STRIKE LOCATIONS 40” ℄
IF PUNCHED - SILENCERS ARE REQUIRED
WHEN ORDERING CCW 41 STRIKE JAMB SPECIFY DOOR HEIGHT

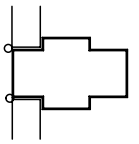
12 GA. FRAMES ARE CCW

CCW - MULLION CLOSED SECTION - 10’6” LENGTHS COMMUNICATING MULLION

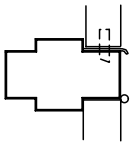


MULLION - CLOSED SECTION
COMBINATION RAIL
ALL STANDARD
DOOR HEIGHTS.





DOUBLE HINGE, DOUBLE
STRIKE OR HINGE AND
STRIKE COMBINATIONS.



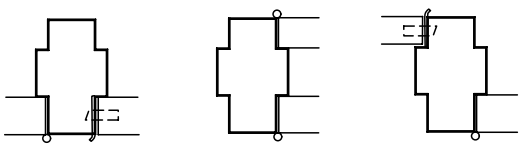
6’8”	LOCATION 3 HINGES & STRIKE	C.C.W. 45
7’0”	LOCATION 3 HINGES & STRIKE	C.C.W. 46
7’2”	LOCATION 3 HINGES & STRIKE	C.C.W. 47
7’10”	LOCATION 4 HINGES & STRIKE	C.C.W. 83
8’0”	LOCATION 4 HINGES & STRIKE	C.C.W. 84
9’0”	LOCATION 4 HINGES & STRIKE	C.C.W. 135
10’0”	LOCATION OF 4 HINGES & STRIKE	C.C.W. 136
DOUBLE STRIKE MULLION	C.C.W. 85	

NOTE: WHEN ORDERING CCW 85 SPECIFY DOOR HEIGHT.

6’8”	LOCATION 3 (DOUBLE HINGES)	C.C.W. 86
7’0”	LOCATION 3 (DOUBLE HINGES)	C.C.W. 87
7’2”	LOCATION 3 (DOUBLE HINGES)	C.C.W. 88
7’10”	LOCATION 4 (DOUBLE HINGES)	C.C.W. 89
8’0”	LOCATION 4 (DOUBLE HINGES)	C.C.W. 90
9’0”	LOCATION 4 (DOUBLE HINGES)	C.C.W. 137
10’0”	LOCATION OF 4 (DOUBLE HINGES)	C.C.W. 138

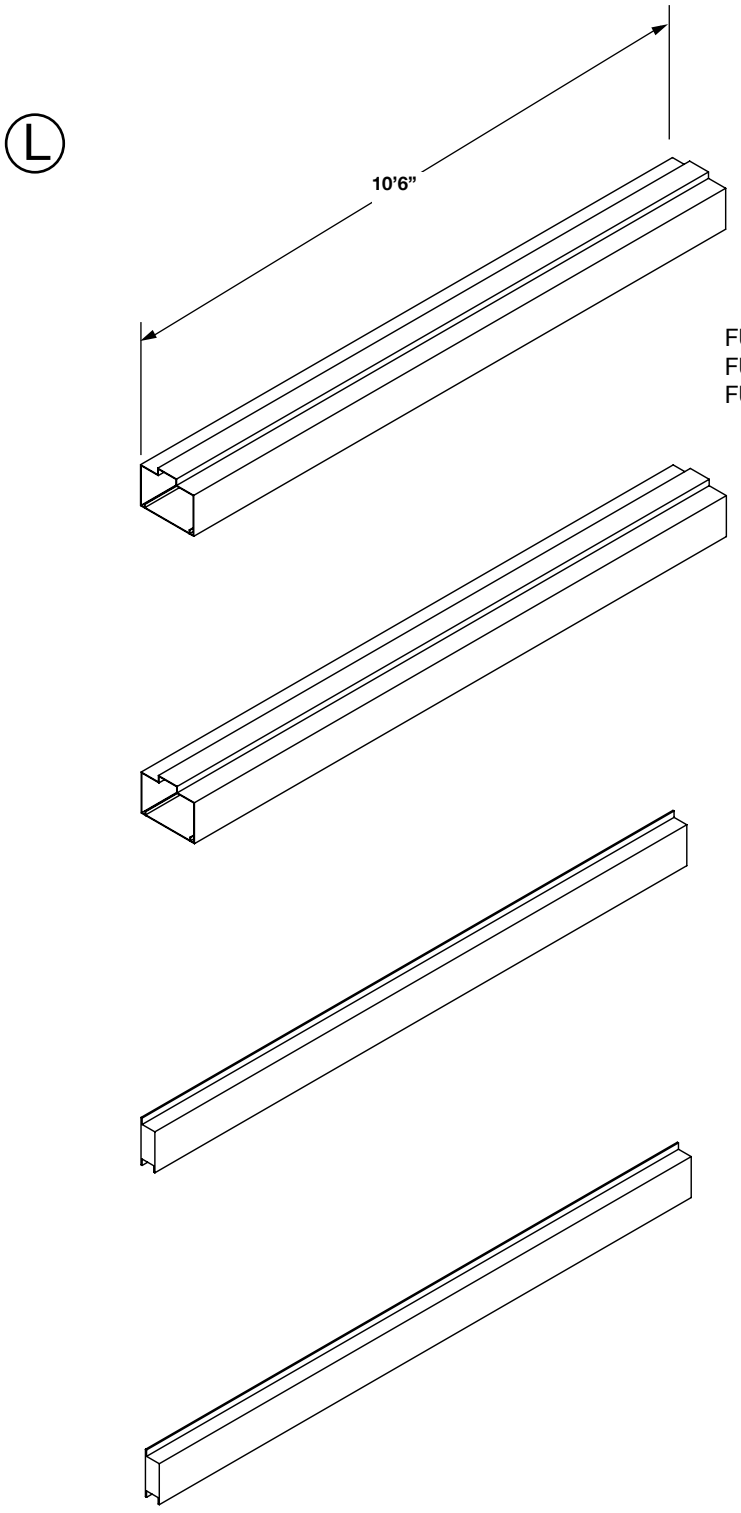
NOTE: WHEN ORDERING COMBINATION MULLION DOUBLE HINGE, DOUBLE STRIKE, OR HINGE AND STRIKE, PROVIDE SECTION DETAIL OF DOOR RABBET LOCATION.

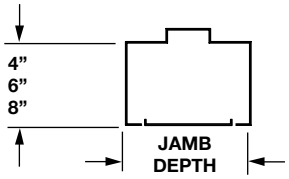
EXAMPLE



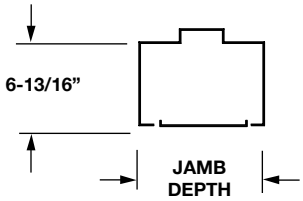
12 GAUGE FRAMES ARE CCW

CCW SILLS - CCW 28, 139, 140, 48, 49, 55 - 10’6” LENGTHS

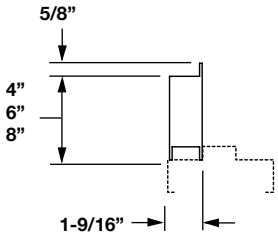




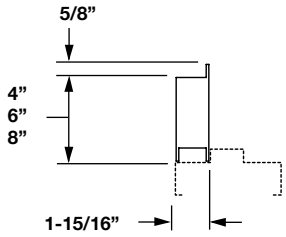
FULL JAMB DEPTH 4” FACE OR LESS C.C.W. 28
FULL JAMB DEPTH 6” FACE OR LESS C.C.W. 139
FULL JAMB DEPTH 8” FACE OR LESS C.C.W. 140



FULL JAMB DEPTH 6-13/16” FACE C.C.W. 55



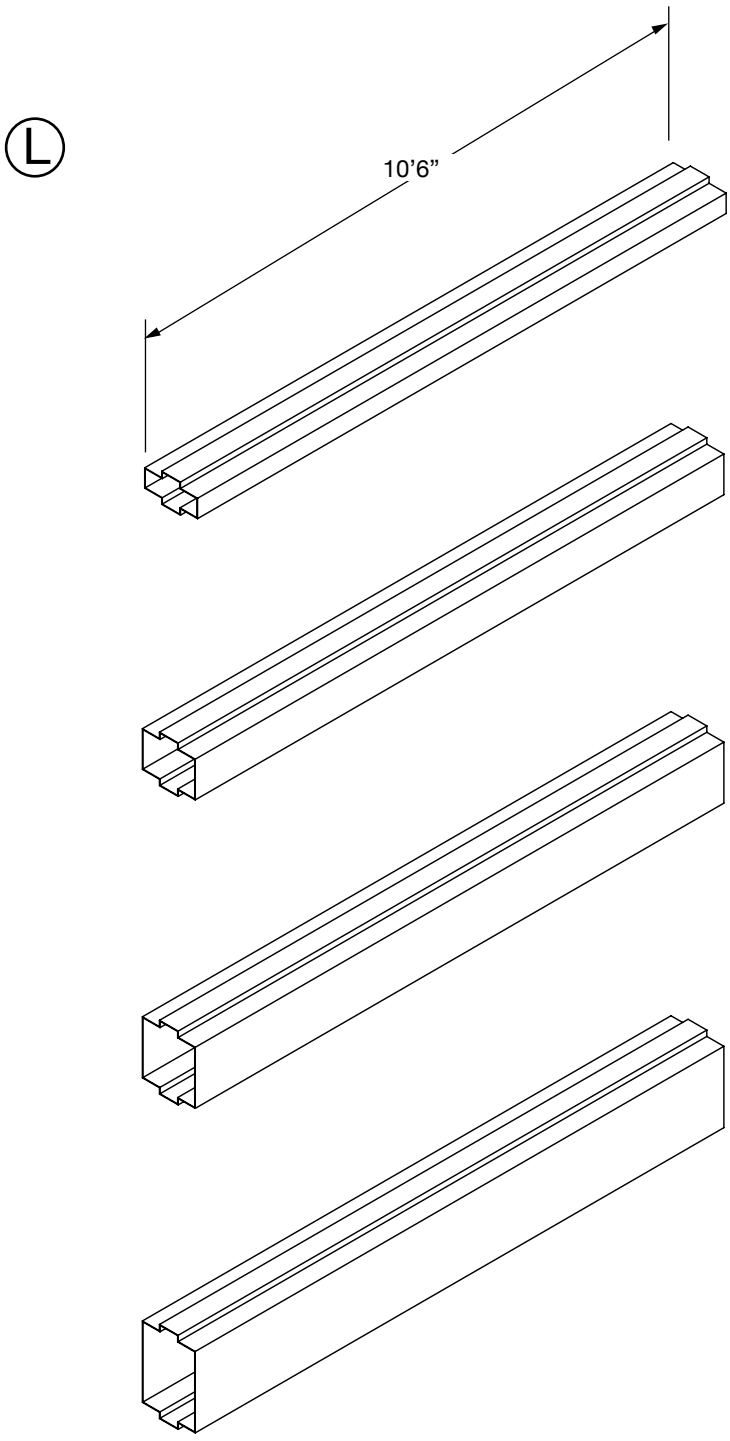
SPECIAL 1-9/16” THICK C.C.W. 48

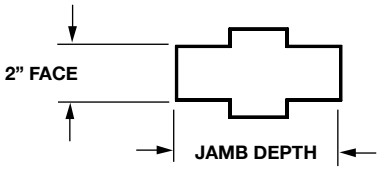


SPECIAL 1-15/16” THICK C.C.W. 49

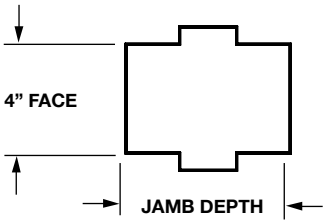
12 GAUGE FRAMES ARE CCW

CCW - PLAIN MULLION CCW 16, 17, 18, 50 - 10’6” LENGTHS

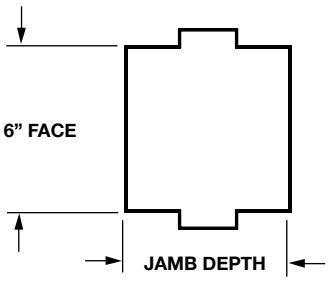




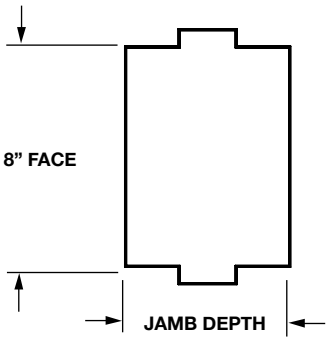
PLAIN MULLION 2” FACE C.C.W. 16



PLAIN MULLION 4” FACE C.C.W. 17



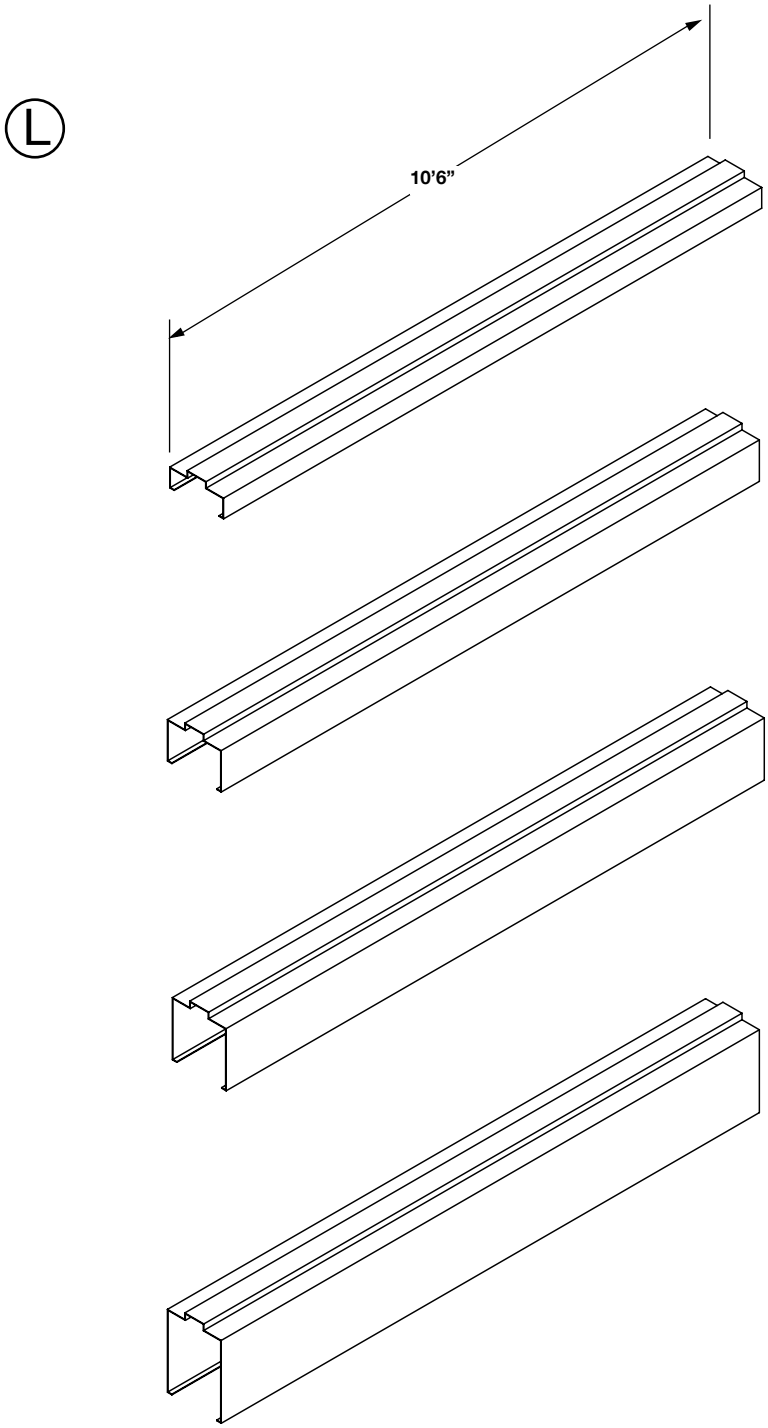
PLAIN MULLION 6” FACE C.C.W. 18

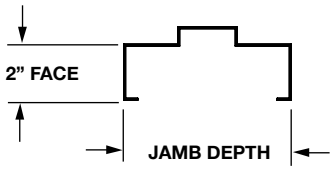


PLAIN MULLION 8” FACE C.C.W. 50

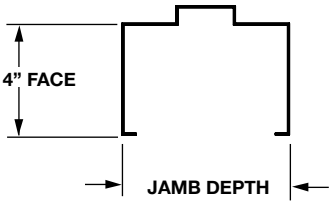
12 GAUGE FRAMES ARE CCW

CCW - PLAIN RAIL CCW 21, 23, 115, 117 - 10’6” LENGTHS

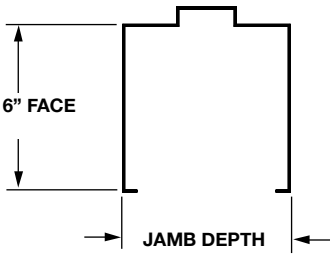




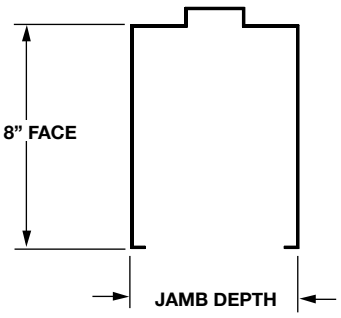
PLAIN RAIL 2” FACE C.C.W. 21



PLAIN RAIL 4” FACE C.C.W. 23



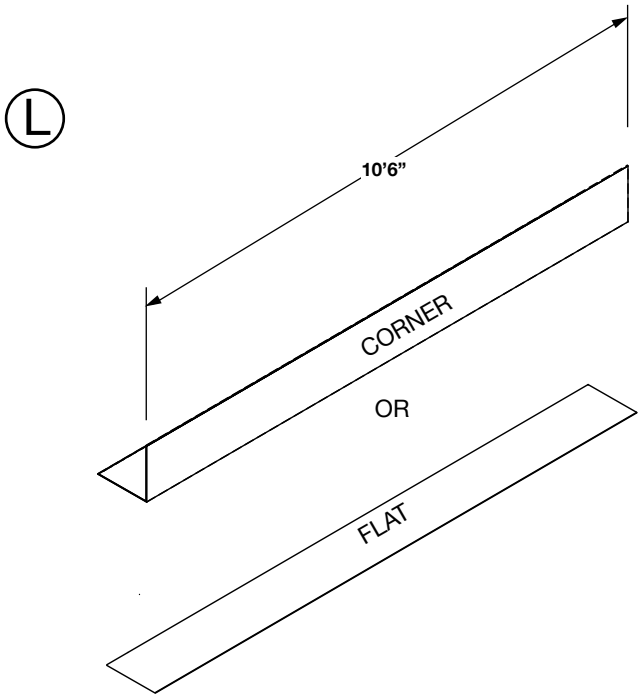
PLAIN RAIL 6” FACE C.C.W. 115



PLAIN RAIL 8” FACE C.C.W. 117

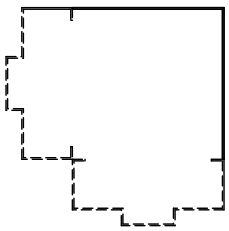
12 GAUGE FRAMES ARE CCW

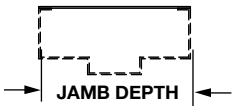
CCW - MISC. RAIL CCW 19, 27, 22, 29 - 10'6" LENGTHS



COVER PLATE
CORNER OR FLAT

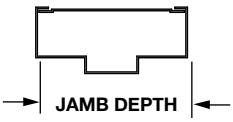
C.C.W. 19

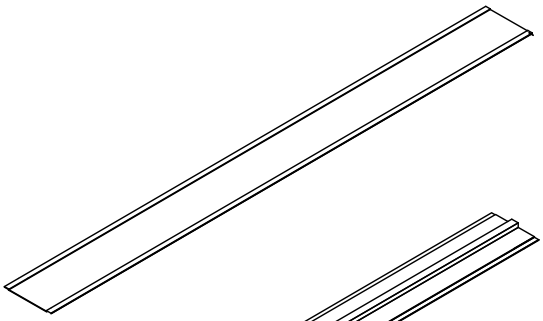




FILLER PLATE
WITHOUT STOP

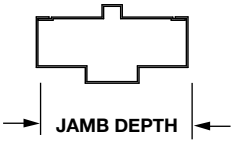
C.C.W. 27

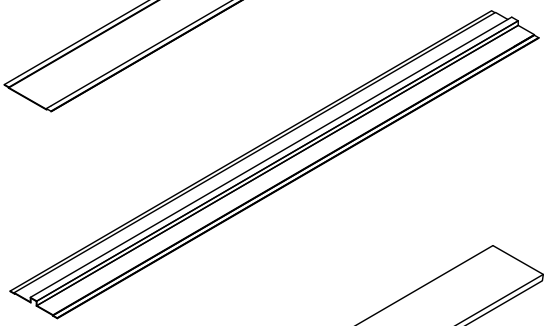




FILLER PLATE
WITH STOP

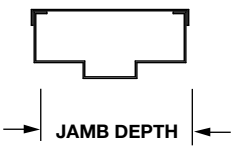
C.C.W. 22

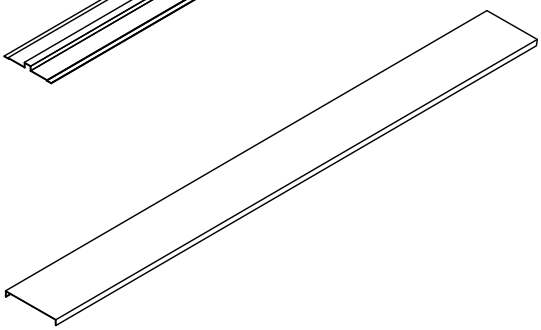




HEAD CAP

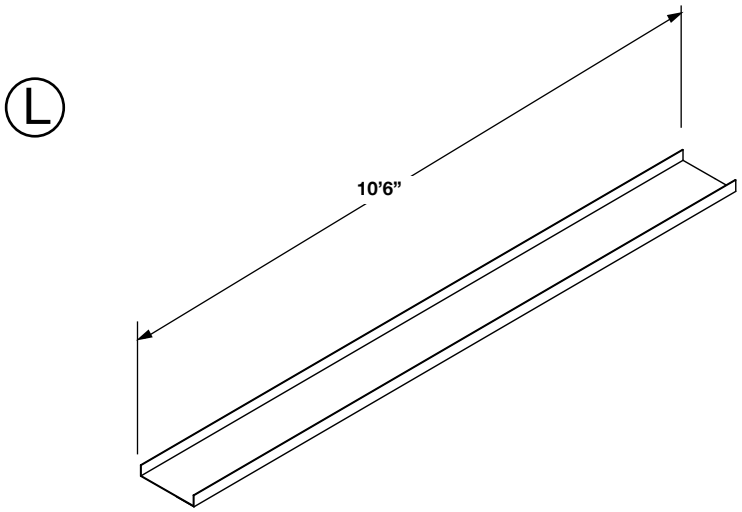
C.C.W. 29





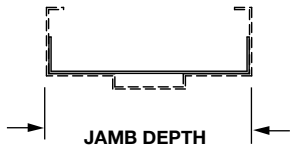
12 GAUGE FRAMES ARE CCW

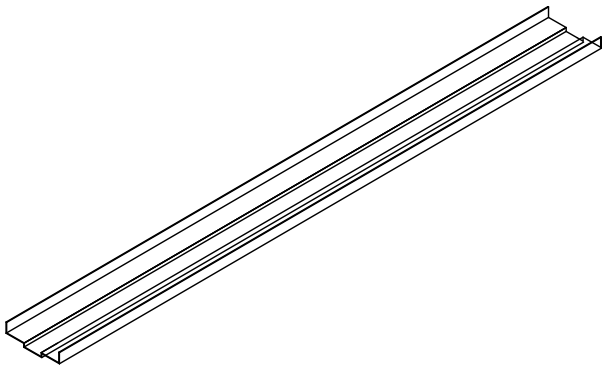
CCW - MISC. RAIL CCW 91, 92, 40 -10’6-LENGTHS



CHANNEL HEAD REINF.

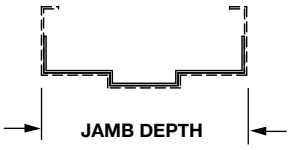
C.C.W. 91





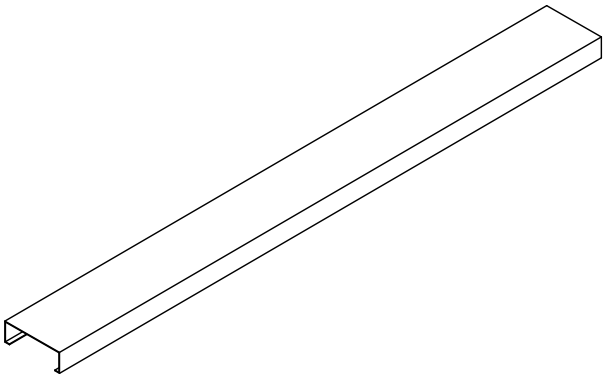
FULL WIDTH
HEAD REINF.

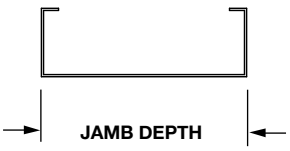
C.C.W. 92



CASED OPENING PLAIN RAIL
CASED OPENING PLAIN RAIL 4”

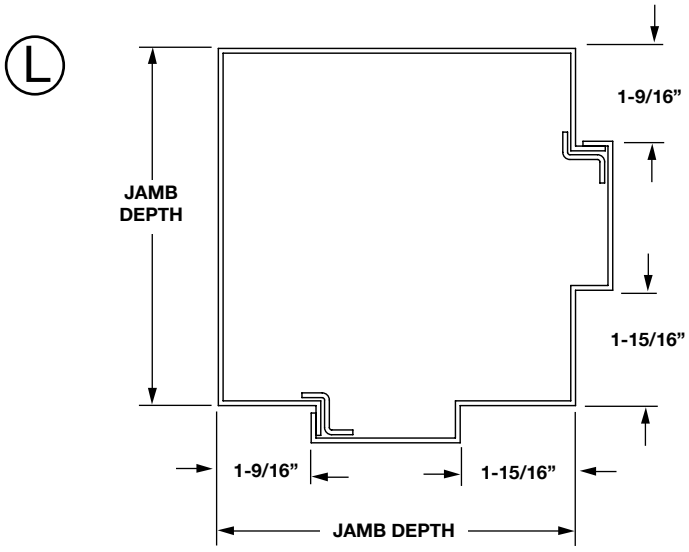
C.C.W. 40 2” FACE
C.C.W. 20 4” FACE



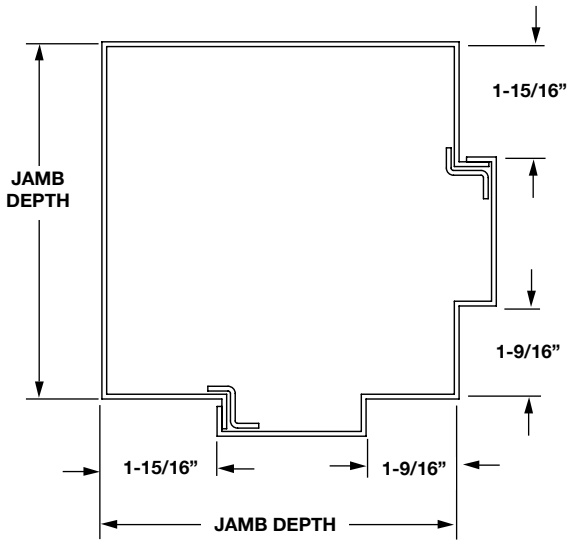


CCW 91/92 ARE 12 GAUGE

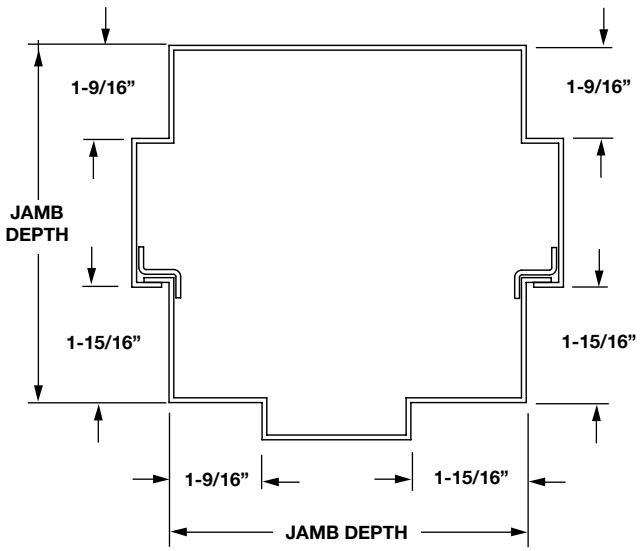
CCW - CORNERS CCW 51, 52, 53, 54 - 10’6” LENGTHS



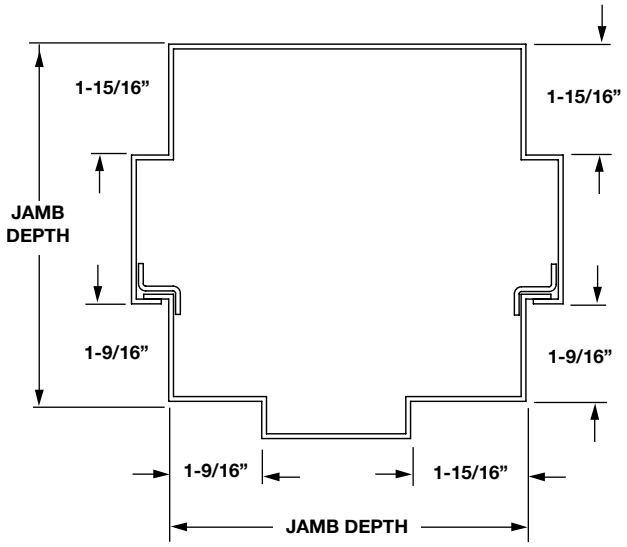
2 WAY CORNER
1-9/16” OUTSIDE
C.C.W. 51



2 WAY CORNER
1-15/16” OUTSIDE
C.C.W. 52



3 WAY CORNER
1-9/16” OUTSIDE
C.C.W. 53

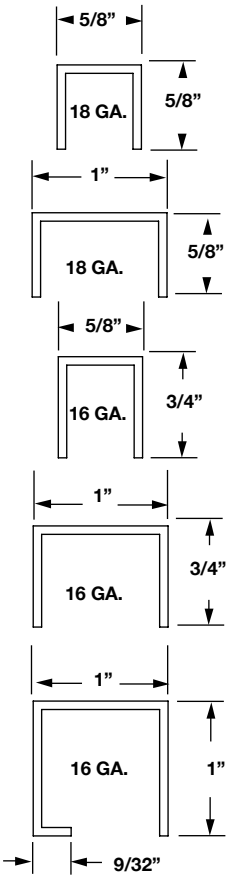


3 WAY CORNER
1-15/16” OUTSIDE
C.C.W. 54

12 GAUGE FRAMES ARE CCW

CCW - GLASS STOP

Ⓛ



CCW#	HEIGHT X WIDTH	DESCRIPTION
93	5/8" X 5/8"	PRIME PAINT - PUNCHED 12" ON CENTER
97	5/8" X 5/8"	PRIME PAINT - BLANK
101	5/8" X 5/8"	NO PAINT - BLANK
105	5/8" X 5/8"	NO PAINT - PUNCHED 12" ON CENTER
94	5/8" X 1"	PRIME PAINT - PUNCHED 12" ON CENTER
98	5/8" X 1"	PRIME PAINT - BLANK
102	5/8" X 1"	NO PAINT - BLANK
106	5/8" X 1"	NO PAINT - PUNCHED 12" ON CENTER
95	3/4" X 5/8"	PRIME PAINT - PUNCHED 12" ON CENTER
99	3/4" X 5/8"	PRIME PAINT - BLANK
103	3/4" X 5/8"	NO PAINT - BLANK
107	3/4" X 5/8"	NO PAINT - PUNCHED 12" ON CENTER
96	3/4" X 1"	PRIME PAINT PUNCHED 6" ON CENTER
100	3/4" X 1"	PRIME PAINT - BLANK
104	3/4" X 1"	NO PAINT - BLANK
108	3/4" X 1"	NO PAINT - PUNCHED 6" ON CENTER
143	1" X 1"	- PRIME PAINT - PUNCHED 6" ON CENTER

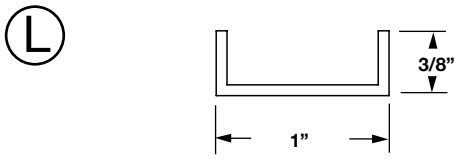
GLASS STOP IS MANUFACTURED FROM GALVANEALED STEEL.
PAINT IS CURRIES STANDARD GRAY PRIME.
PUNCHING IS FOR OVAL HEAD SCREWS SIZE #8.

NOTE: HOLE PUNCHING ON GLASS STOP IS STANDARD 12" ON CENTER.

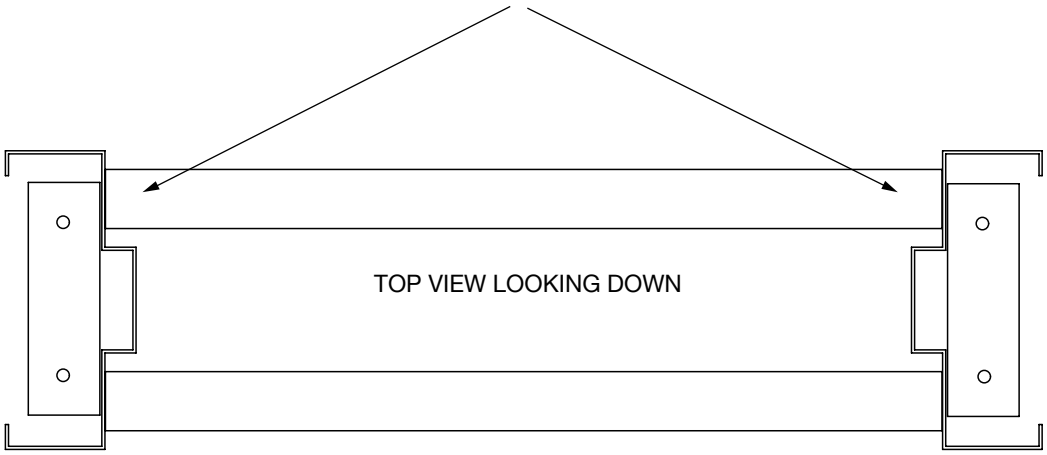
ALL GLASS STOP AND SOFFIT STOP MATERIAL COME IN 10'6" LENGTHS

STAINLESS STEEL GLASS STOP IS 16 GA.

CCW - SHIPPING SPREADER BAR CCW 111 - 10’6” LENGTHS



TACK WELD SHIPPING SPREADER BAR TO BOTTOM OF FRAME RABBET INSIDE NOMINAL FRAME OPENING.

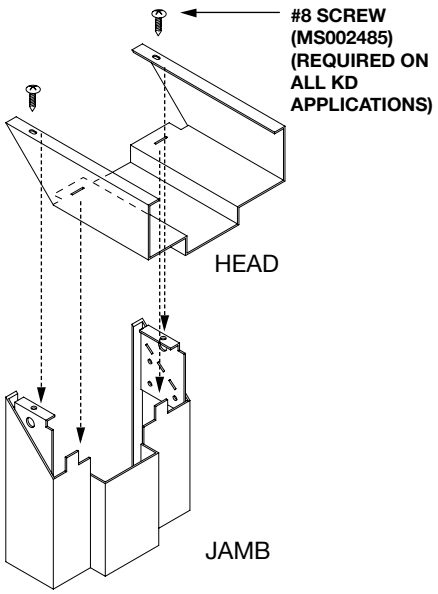


NOTE: CURRIES HOLLOW METAL FRAMES HAVE DOUBLE SHIPPING SPREADER BARS WELDED ON THE BOTTOM. THE SPREADER BARS MUST BE REMOVED AND A SETTING SPREADER USED FOR FINAL INSTALLATION. A COLD CHISEL AND HAMMER ARE RECOMMENDED TOOLS TO USE TO REMOVE THESE. THE FRAME INSTALLER ASSUMES ALL RESPONSIBILITY FOR PLUMB FRAME INSTALLATION.

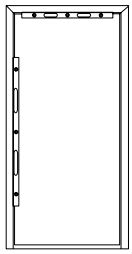
KD FRAME ASSEMBLY INSTRUCTIONS

MASONRY FRAMES, THERMAL BREAK, AND CURRISEAL FOR MASONRY, METAL STUD, AND WOOD STD WALLS

ASSEMBLY OF FRAME



PLUMBING OF FRAME



SQUARING THE FRAME

THE INSTALLER SHOULD USE WOOD SPREADERS (AS DESCRIBED BELOW), A CARPENTERS LEVEL (THE LONGER THE BETTER), AND A FULL SIZE CARPENTERS SQUARE. SET THE FRAME IN THE DESIRED LOCATION. LEVEL HEAD AND PLUMB JAMBS. SHIM UNDER JAMBS IF NECESSARY.

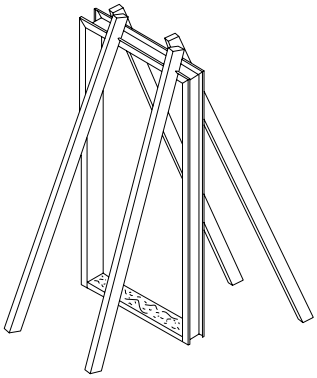
SPREADER

TYPICAL WOOD SPREADER MUST BE SQUARE AND MADE FROM LUMBER AT LEAST 1" THICK. LENGTH OF SPREADER EQUALS DOOR OPENING WIDTH AT THE HEAD. CUT CLEARANCE NOTCHES FOR FRAME STOPS AS SHOWN. SPREADER MUST BE NEARLY AS WIDE AS FRAME DEPTH FOR ACCURATE INSTALLATION.

JOB STORAGE

STORE FRAMES OFF THE GROUND ON WOOD RUNNERS OR SKIDS. DO NOT STORE DIRECTLY ON THE GROUND. COVER FRAMES WITH TARPAULIN OR PLASTIC BUT DO INSURE THAT ADEQUATE VENTILATION IS PROVIDED TO ELIMINATE MOISTURE CONDENSATION. WHEN FRAMES ARE TO BE FULLY GROUTED AND WHEN PLASTER OR MORTAR CONTAIN "ANTI-FREEZE" AGENTS, THE INSIDE OF THE FRAMES SHOULD BE COATED WITH A BITUMINOUS, WATER-RESISTANT PAINT BY THE INSTALLATION CONTRACTOR.

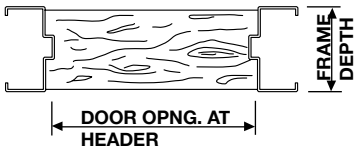
BRACING FRAMES BEFORE WALL CONSTRUCTION FOR KD AND WELDED FRAMES

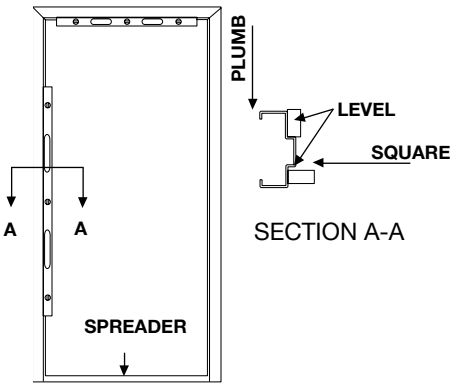


BRACING THE FRAME

BRACE THE FRAME AS SHOWN OR SHORE TO A STRUCTURE ABOVE. BRACE IN THE DIRECTION OF INTENDED WALL. PLUMB AND SQUARE JAMBS. INSTALL VERTICAL BRACE TO SUPPORT HEADER FOR OPENINGS OVER 4'0" WIDE.

NOTE ON WELDED FRAMES: SHIPPING BARS SHOULD NOT BE USED AS SPREADER. REMOVE SHIPPING BAR BEFORE SETTING FRAME.





SECTION A-A

PLUMBING THE FRAME

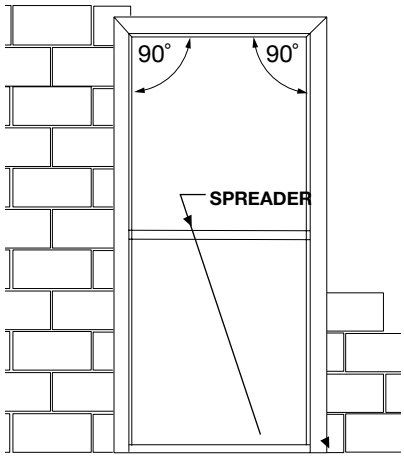
THE CONTRACTOR SHOULD BE EQUIPPED WITH A CARPENTER LEVEL, SQUARE AND SPREADER. SET THE FRAME IN DESIRED LOCATION AND LEVEL THE HEADER. SQUARE JAMBS TO HEADER. SHIM UNDER JAMBS IF NECESSARY. WITH FRAME IN PLACE, SET SPREADER AND FASTEN JAMBS TO FLOOR THROUGH FLOOR ANCHORS.

SPREADER

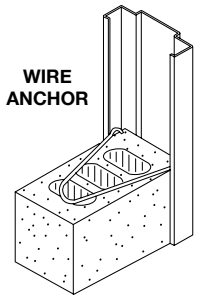
TYPICAL WOOD SPREADER MUST BE SQUARE AND FABRICATED FROM LUMBER NO LESS THAN 1" THICK. CORRECT LENGTH IS THE DOOR OPENING WIDTH BETWEEN THE JAMBS AT THE HEADER (I.E., SINGLE DOOR 3'0" = 36"). CUT CLEARANCE NOTCHES FOR FRAME STOPS. SPREADER MUST BE NEARLY AS WIDE AS FRAME DEPTH FOR ACCURATE INSTALLATION.

KD FRAME ASSEMBLY INSTRUCTIONS

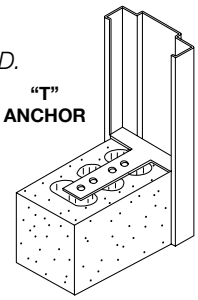
NEW MASONRY CONSTRUCTION FOR KD AND WELDED FRAMES



1. ASSEMBLE FRAME.
2. SET BRACE AND PLUMB FRAME.
3. INSTALL ANCHORS. GROUT FRAME IN THE AREA OF THE ANCHORS AS BLOCK COURSES ARE LAID UP. FRAMES MAY ALSO BE SUPPLIED WITH ANCHORS WELDED IN PLACE.
4. A SECOND SPREADER IS RECOMMENDED AT THE MID POINT OF THE DOOR OPENING TO MAINTAIN THE DOOR OPENING DIMENSION.
5. CONTINUALLY CHECK PLUMB AND SQUARE AS WALL PROGRESSES.



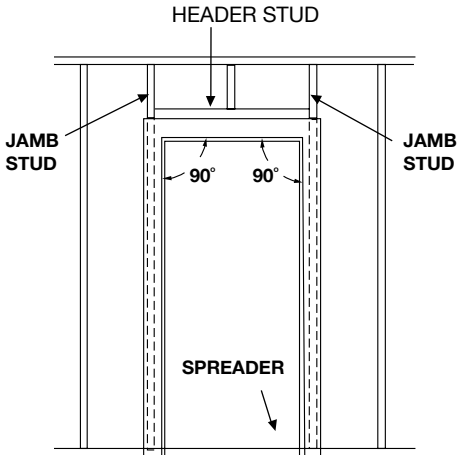
NOTE: ANCHORS IN FRAME HEADS ARE NOT REQUIRED.

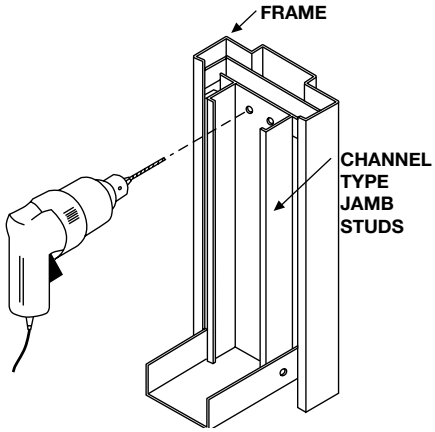


EXISTING MASONRY CONSTRUCTION

1. DRILL (4) 9/16" DIAMETER HOLES EVENLY SPACED IN EACH JAMB FOR 3/8" EXPANSION SHELL ANCHORS. INSTALL MULTIPURPOSE ANCHOR AT EACH 9/16" HOLE.
2. ASSEMBLE 3 FRAME PIECES FLAT ON FLOOR. INSTALL (4) #8 X 1/2" SHEET METAL SCREWS (INCLUDED) AT CORNERS OF HEAD TO EACH JAMB (REQUIRED FOR UNDERWRITERS LABORATORIES FIRE RATING). LOCATE REMOVABLE SPACING BAR AT BASE OF FRAME TO MAINTAIN PROPER OPENING WIDTH DURING INSTALLATION.
3. POSITION ASSEMBLED FRAME IN OPENING. PLUMB AND LEVEL THE FRAME. SHIM FRAME AS REQUIRED.
4. ANCHOR FRAME TO WALL WITH 3/8" EXPANSION SHELL ANCHORS, SHIMMING BEHIND ANCHORS AS NEEDED.

STEEL STUD WALL CONSTRUCTION WITH FLUSH OR RECESS TYPE ANCHORS FOR KD AND WELDED FRAMES





ELEVATION

1. ASSEMBLE FRAME.
2. INSTALL ANCHORS. POSITION ANCHORS IN FRAME THROUGH THE THROAT AND TAP IN WITH A HAMMER. FRAMES MAY ALSO BE SUPPLIED WITH ANCHORS WELDED IN PLACE.
3. SQUARE, BRACE AND PLUMB FRAME AS SHOWN.
4. SET SPREADER. ATTACH JAMBS TO FLOOR THROUGH FLOOR ANCHOR OR FLOOR EXTENSION. INSTALL JAMB STUDS TO FLOOR AND CEILING RUNNERS AND TIGHTLY AGAINST FRAME ANCHORS.
5. ATTACH STUDS TO FRAME ANCHORS AS SHOWN BELOW.

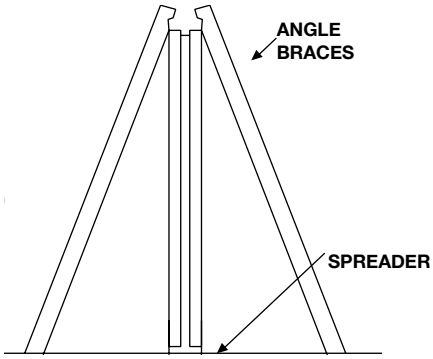
CHANNEL TYPE STEEL STUD

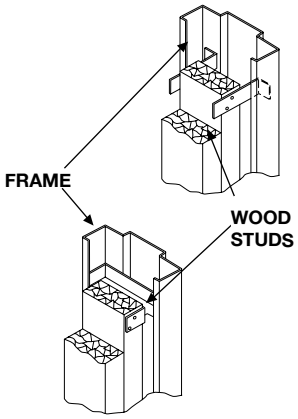
POSITION STUDS IN FRAME THROAT AND ATTACH TO ANCHORS WITH SCREWS OR WELD. IF USING SCREWS, THE INSTALLER SHOULD DRILL FROM THE BACK SIDE OF THE STUD, THROUGH BOTH THE STUD AND ANCHOR, THEN ATTACH WITH (2) SCREWS PER ANCHOR LOCATION.

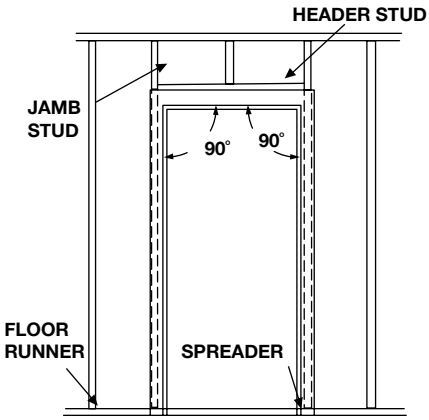
NOTE: WHEN ATTACHING HEADER STUD TO JAMB STUDS, BE SURE THE STUD IS ABOVE FRAME HEADER. THIS WILL ASSURE AMPLE ROOM FOR ATTACHING PLASTER LATH OR DRYWALL AND WILL NOT INTERFERE WITH INSTALLATION OF HARDWARE ATTACHED TO FRAME HEADER. ANCHORS ARE NOT REQUIRED IN FRAME HEADS, EXCEPT FIRE LISTED DOUBLE EGRESS OPENINGS.

KD FRAME ASSEMBLY INSTALLATION

WOOD STUD CONSTRUCTION FOR KD AND WELDED FRAMES







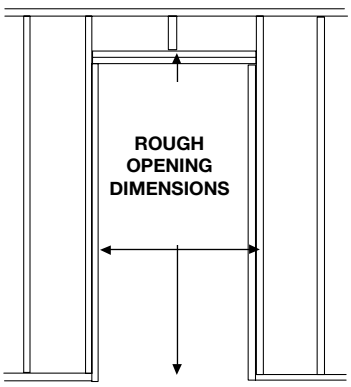
ERECT FRAME

ASSEMBLE FRAME. STAND FRAME UP IN DESIRED LOCATION. ANCHOR ONE JAMB TO FLOOR AND SET SPREADER ON FLOOR FROM ANCHORED JAMB TO LOOSE JAMB. PLUMB, LEVEL, AND SQUARE FRAME. POSITION AND ANCHOR SECOND JAMB, THEN BRACE.

NOTE: DRYWALL MUST EXTEND AT LEAST 1/2" INTO FRAME AT FIRE RATED INSTALLATIONS.

1. INSTALL ANCHORS. POSITION ANCHORS IN FRAME THROAT AND TAP IN WITH A HAMMER. FRAMES MAY ALSO BE SUPPLIED WITH ANCHORS WELDED IN PLACE.
2. SET SPREADER. ATTACH JAMBS TO FLOOR THROUGH FLOOR ANCHOR OR FLOOR EXTENSION. INSTALL DOUBLE JAMB STUDS TO FLOOR AND CEILING RUNNERS AND HEADER.
3. BEND ANCHOR TABS AROUND STUD LEAVING DESIRED CLEARANCE BETWEEN FRAME RETURN AND STUD FOR INSERTING FINISHED WALL MATERIAL.
4. SQUARE AND NAIL TOP ANCHOR TO STUD ON ONE JAMB ONLY. CHECK PLUMB AND SQUARE AND CONTINUE TO NAIL BALANCE OF ANCHORS TO STUD. REPEAT FOR OPPOSITE JAMB.
5. ANCHORS ARE NOT REQUIRED IN FRAME HEADS, EXCEPT FIRE LISTED DOUBLE EGRESS OPENINGS.

WOOD STUD CONSTRUCTION (STUDS ERECTED BEFORE FRAME)

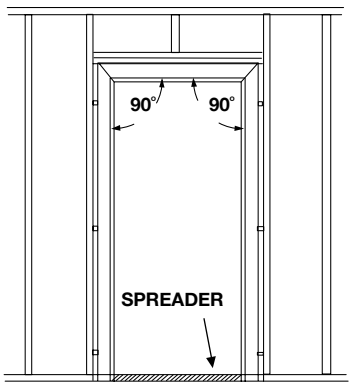


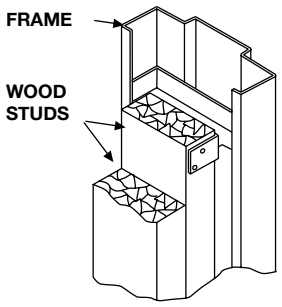
ROUGH OPENING

BUILD ROUGH OPENING. ROUGH OPENING DIMENSIONS FOR 2" FACE FRAMES SHOULD BE 4-1/4" - 4-1/2" LARGER THAN DOOR WIDTH AND 2-1/4" - 2-1/2" LARGER THAN DOOR HEIGHT. IT IS RECOMMENDED THAT DOUBLE STUDS BE USED AT JAMBS AND HEADERS.

NOTE: DRYWALL MUST EXTEND AT LEAST 1/2" INTO FRAME AT FIRE RATED INSTALLATIONS.

1. ASSEMBLE FRAME.
2. INSTALL ANCHORS. POSITION ANCHORS IN FRAME THROAT AND TAP IN WITH A HAMMER. FRAMES MAY ALSO BE SUPPLIED WITH ANCHORS WELDED IN PLACE. BASE ANCHORS MAY ALSO BE USED. IF BASE ANCHOR CANNOT BE USED ADD ONE ANCHOR PER JAMB AT BOTTOM.
3. PLACE FRAME IN ROUGH STUD OPENING.
4. BEND ANCHOR TABS AROUND STUD LEAVING DESIRED CLEARANCE BETWEEN FRAME RETURN AND STUD FOR INSERTING FINISHED WALL MATERIAL.
5. SET SPREADER AND LEVEL FRAME. SHIM JAMBS IF NECESSARY.
6. SQUARE AND NAIL TOP ANCHOR TO STUD ON ONE JAMB ONLY. CHECK PLUMB AND SQUARE AND CONTINUE TO NAIL BALANCE OF ANCHORS TO STUD. REPEAT FOR OPPOSITE JAMB.
7. ANCHORS ARE NOT REQUIRED IN FRAME HEADS, EXCEPT FIRE LISTED DOUBLE EGRESS OPENINGS.





CURRIES

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FIRE DOOR LIMITATIONS AND REQUIREMENTS

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CURRIES FIRE RATED DOORS AND FRAMES ARE LISTED AND LABELED BY UNDERWRITERS LABORATORIES, LLC (UL) AND INTERTEK-WARNOCK HERSEY (INTERTEK). DOORS AND FRAMES WERE TESTED IN ACCORDANCE WITH UL 9, UL 10B, UL 10C, ASTM E2074, ASTM E152, NFPA 252, NFPA 257, UBC 7-2, CAN4S-104 AND CAN4S-106. ASTM E152 AND ASTM E2074 HAVE BEEN WITHDRAWN AND ARE CONSIDERED OBSOLETE ALTHOUGH INCLUDED AS A REFERENCE STANDARD IN SOME JOB SPECIFICATIONS. UBC 7-2 HAS LARGELY BEEN REPLACED BY THE INTERNATIONAL BUILDING CODE (IBC).

THE FIRE RATED LABELS THAT WE APPLY TO DOORS AND FRAMES SIGNIFY COMPLIANCE WITH BOTH NEUTRAL AND POSITIVE PRESSURE TEST REQUIREMENTS.

GENERAL

- ONLY LISTED DOORS MAY BE USED IN A FIRE RATED OPENING.
- EVERY LABELED SWINGING FIRE DOOR MUST HAVE A SELF LATCHING DEVICE.
- APPROVED HARDWARE AND COMPONENTS ARE LISTED IN THE UNDERWRITERS LABORATORIES “UL ONLINE CERTIFICATIONS DIRECTORY” OR ITS/WARNOCK HERSEY “DIRECTORY OF LISTED PRODUCTS”.
- LABELED DOORS MAY BE STAINLESS STEEL.
- VIEWERS MUST BE LISTED. CONSULT MANUFACTURERS LISTING FOR LIMITATIONS.
- THE RATING FOR THE OPENING IS THE RATING OF THE LOWEST RATED COMPONENT.
- EMBOSSED PANEL DOORS HAVE THE SAME FIRE RATING AS 707 DOORS.
- NFPA 80 SHALL BE FOLLOWED FOR INSTALLATION.

ASTRAGALS

ASTRAGALS MAY NOT BE USED AT ANY HOURLY RATINGS FOR STANDARD PAIRS OF ANY DOOR MODEL WITH VERTICAL ROD EXIT DEVICES ON BOTH LEAVES.

PAIRS OF DOORS WITH RIM OR MORTISE EXIT DEVICES THAT LATCH INTO A HARDWARE OR HOLLOW METAL MULLION CAN BE LABELED TO THE SAME CAPABILITIES AS TWO (2) SINGLE DOORS (CHECK WITH AUTHORITY HAVING JURISDICTION (AHJ) PRIOR TO USING THIS CAPABILITY TO VERIFY ACCEPTANCE).

ASTRAGALS, WHEN REQUIRED FOR FIRE PROTECTION, MUST BE A STEEL OVERLAPPING DESIGN IN ACCORDANCE WITH OUR PROCEDURES. SPLIT ASTRAGALS AND MEETING STILE GASKETING THAT ARE FIRE RATED UP TO 180 MINUTES CANNOT BE USED ON CURRIES FIRE RATED DOORS THAT REQUIRE A STEEL OVERLAPPING ASTRAGAL FOR FIRE PROTECTION. THESE FIRE RATED SPLIT ASTRAGALS AND MEETING STILE GASKETS MAY BE USED ON CURRIES FIRE RATED DOORS THAT DON’T REQUIRE A STEEL OVERLAPPING ASTRAGAL FOR FIRE PROTECTION.

ASTRAGALS SHALL BE ATTACHED WITH WELDS OR SCREWS AND PROJECT 3/4” MINIMUM BEYOND THE LOCK EDGE OF THE DOOR.

A HARDWARE COORDINATOR MUST BE USED TO ENSURE PROPER CLOSING WHEN ASTRAGALS ARE USED ON PAIRS OF DOORS EQUIPPED WITH VERTICAL ROD EXIT DEVICE ON ONE LEAF AND A MORTISE EXIT DEVICE ON THE OTHER LEAF.

ASTRAGAL USAGE REQUIREMENTS

THE OBJECTIVE OF THIS SPECIFICATION IS TO SUMMARIZE THE USE OF STEEL OVERLAPPING ASTRAGALS ON THE MEETING EDGE OF STANDARD SWING AND DOUBLE EGRESS PAIRS. MOST OF THE REQUIREMENTS ARE APPLICABLE TO FIRE RATED PRODUCT LIMITATIONS. UNDERWRITERS LABORATORIES AND INTERTEK CAPABILITIES THAT ARE DIFFERENT ARE LISTED SEPARATELY.

UNDERWRITERS LABORATORIES:

ASTRAGALS (12GA. FLAT OR 14 GA. Z-SHAPED) ARE OPTIONAL ON ALL STANDARD PAIRS AND DOUBLE EGRESS MODEL 707 DOORS WITH A FIRE RATING UP TO AND INCLUDING 1-1/2 HOURS.

ASTRAGALS ARE REQUIRED ON ALL MODEL 707 DOORS WITH A FIRE RATING OF 3 HOURS.

ASTRAGALS ARE OPTIONAL ON ALL STANDARD PAIRS AND DOUBLE EGRESS MODEL 747 DOORS WITH A FIRE RATING UP TO AND INCLUDING 3 HOURS.

INTERTEK (WARNOCK HERSEY):

ASTRAGALS ARE OPTIONAL ON THE FOLLOWING DOORS UP TO 3 HOURS:

STANDARD PAIRS:

MODEL 707	8080 MAXIMUM OPENING SIZE (POLYSTYRENE AND HONEYCOMB CORES)
MODEL 747	80100 MAXIMUM OPTING SIZE

DOUBLE EGRESS:

MODEL 707	8080 MAXIMUM OPENING SIZE
MODEL 747	80100 MAXIMUM OPENING SIZE

ASTRAGALS ARE REQUIRED ON ALL MODEL 727 DOORS AT ALL HOURLY RATINGS AND OPENING SIZES.

CLEARANCES

- THE MAXIMUM CLEARANCE BETWEEN THE DOOR AND FRAME AND BETWEEN MEETING EDGES OF DOORS SWINGING IN PAIRS IS 1/8 INCH (RE: NFPA80). REFER TO CURRIES TECH DATA SECTIONS FOR DESIGN CLEARANCES ON CURRIES DOORS.
- THE MAXIMUM CLEARANCES UNDER THE BOTTOM OF A FIRE DOOR SHALL BE 3/4” PER NFPA 80.

NOTE: DOORS WITH VERTICAL ROD DEVICES MAY HAVE BOTTOM LATCHES THAT MAY NOT ENGAGE THE STRIKE IF MAXIMUM ALLOWED CLEARANCES ARE USED.

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CLOSING DEVICES

- A CLOSING DEVICE SHALL BE INSTALLED ON EVERY FIRE DOOR.
- CLOSER REINFORCEMENTS ARE FURNISHED AS STANDARD ON CURRIES FIRE RATED DOORS.
- IF THE CLOSER IS INSTALLED WITH SEX BOLTS, THE CLOSER REINFORCEMENT MAY BE OMITTED ON FIRE RATED DOORS.
- SPRING HINGES MAY BE USED INSTEAD OF A CLOSER AND A CLOSER REINFORCING. AT LEAST TWO SPRING HINGES ARE REQUIRED PER DOOR LEAF.
- THE CLOSER MAY BE OMITTED ON THE INACTIVE LEAF OF PAIRSOF DOORS TO MECHANICAL EQUIPMENT ROOMS (RE: NFPA80).
- OVERHEAD STOPS MAY BE USED IF THEY DO NOT INHIBIT THE DOOR FROM CLOSING AND LATCHING.
- IF AN ASTRAGAL OR PROJECTING LATCH BOLT PREVENTS THE INACTIVE DOOR FROM CLOSING AND LATCHING BEFORE THE ACTIVE DOOR, A COORDINATING DEVICE SHALL BE USED. A COORDINATING DEVICE IS NOT REQUIRED WHERE EACH DOOR LEAF OF A PAIR OF DOORS CLOSES AND LATCHES INDEPENDENTLY OF EACH OTHER.
- DOOR HOLDER/RELEASE DEVICES ARE PERMITTED WHEN ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.THESEARE FAIL-SAFE DEVICES, CONTROLLED BY A DETECTION DEVICETO RELEASE THE DOOR IN THE EVENT OF FIRE (RE: NFPA80).

DUTCH DOORS

- THE UPPER AND LOWER LEAF MAY LATCH INTO THE FRAME OR THE UPPER LEAF MAY LATCH IN LOWER LEAF WHICH LATCHES INTO THE FRAME.
- THE TOP LEAF MUST BE EQUIPPED WITH A CLOSING DEVICE AND A HORIZONTAL ASTRAGAL THAT BRINGS THE BOTTOM LEAFCLOSED
- FIRE-RATED DUTCH DOORS MUST HAVE A HORIZONTAL ASTRAGALATTACHED
- TO THE BOTTOM OF THE TOP LEAF FOR ALL HOURLY RATINGS.

EXIT DEVICES

- CURRIES LABELED FIRE EXIT DOORS MAY BE PREPARED FOR ANYLISTED FIRE EXIT HARDWARE DEVICE.
- THE DOOR SIZE MUST MUST NOT EXCEED THE MAXIMUM DOORSIZE LISTED FOR THE INDIVIDUAL HARDWARE MANUFACTURERSDEVICES.
- DOORS THAT ARE REINFORCED FOR FIRE EXIT HARDWARE MUSTBEAR A LABEL WHICH STATES “FIRE DOOR TO BE EQUIPPED WITHFIRE EXIT HARDWARE.”
- FIRE EXIT HARDWARE MAY BE APPLIED TO DOORS THAT ARE NOTREINFORCED FOR SUCH HARDWARE BY USING SEX BOLTS OR THROUGH BOLTS. THESE DOORS MAY NOT BEAR THE LABEL “FIRE DOOR TO BE EQUIPPED WITH FIRE EXIT HARDWARE.”
- VERTICAL ROD EXIT DEVICES MAY NOT BE USED ON A SINGLE DOOR (THIS DOES NOT INCLUDE LESS BOTTOM ROD DEVICES THAT HAVE A MORTISE LOCK.)

GASKETING/EDGE SEALS

- ONLY LISTED GASKETING MATERIAL MAY BE USED, CONSULT THE U.L. CERTIFICATIONS (ONLINE) DIRECTORY INTERTEK LISTEDPRODUCT DIRECTORIES.
- SMOKE AND DRAFT CONTROL ASSEMBLIES MUST EMPLOY GASKETS LISTED FOR SMOKE AND DRAFT CONTROL.
- CURRIES FIRE RATED DOORS DO NOT REQUIRE THE USE OF EDGESEAL SYSTEMS (INTUMESCENTS).

HINGES

- DOORS UP TO 60 INCHES IN HEIGHT REQUIRE TWO LEAF TYPE HINGE. AN ADDITIONAL HINGE MUST BE USED FOR EACH ADDITIONAL 30 INCHES OF HEIGHT OR FRACTION THEREOF (NFPA80).
- CURRIES FIRE DOORS OVER 96 INCHES IN HEIGHT MAY BE PREPARED FOR STANDARD WEIGHT HINGES.
- LISTED CONTINUOUS HINGES, PIVOTS, OR ELECTRIC HINGES MAYBE USED WITH CURRIES FIRE RATED DOORS.

LABELS

- THE METAL FIRE LABEL ON CURRIES DOORS AND FRAMES MAY BE ATTACHED MECHANICALLY (DRIVE SCREWS, FASTENERS, STEEL POP-RIVETS OR ADHESIVELY).
- LABELS MAY BE APPLIED ONLY AT AUTHORIZED LOCATIONS.
- A FIELD INSPECTION IS REQUIRED FOR A LABEL TO BE APPLIED ATA JOBSITE.

LOCKS

- THE DOOR SIZE USED MUST NOT EXCEED THE MAXIMUM DOORSIZE LISTED FOR THE INDIVIDUAL HARDWARE MANUFACTURERSDEVICES.
- REFER TO THE HARDWARE MANUFACTURER’S LISTING TO DETERMINE CAPABILITY TO SUPPLY SINGLE POINT LOCKS FOR DOORS OVER 8 FEET IN HEIGHT.
- LATCH THROW REQUIREMENTS

607 & 707 SINGLE:	1/2 INCH MINIMUM LATCH THROW
607 & 707 PAIRS:	5/8 INCH MINIMUM LATCH THROW ON PAIRS TO 8 FEET IN HEIGHT.
707 PAIRS:	3/4 INCH MINIMUM LATCH THROW ON PAIRS TO 10 FEET IN HEIGHT.
727 SINGLE:	1/2 INCH MINIMUM LATCH THROW
727 PAIRS:	3/4 INCH MINIMUM LATCH THROW
747 & 847 SINGLE:	1/2 INCH MINIMUM LATCH THROW
747 & 847 PAIRS:	5/8 INCH MINIMUM LATCH THROW
747 DOORS MAY ALSO BE PREPARED FOR TWO AND THREE POINT LATCHING DEVICES.	

FIRE DOOR LIMITATIONS AND REQUIREMENTS

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LOCKS (CONTINUED)

- DEAD BOLTS MAY NOT BE USED ON DOORS WHICH ARE IN A MEANS OF EGRESS. LOCKS WITH DEAD BOLTS THAT ARE INTERCONNECTED WITH LATCH BOLTS AND RETRACT SIMULTANEOUSLY WHEN THE LATCH BOLT IS RETRACTED MAY BE USED ON FIRE DOORS WITHIN A MEANS OF EGRESS.
- DEAD BOLTS MAY BE USED IN ADDITION TO AN ACTIVE LATCH BOLT ON DOORS THAT ARE NOT IN A MEANS OF EGRESS, OR AS OTHERWISE PERMITTED BY THE AUTHORITY HAVING JURISDICTION.

LOUVERS

- ANY LISTED AUTOMATIC FUSIBLE LINK LOUVER MAY BE USED IN CURRIES LABELED DOORS.
- MAXIMUM RATING FOR LOUVERS IS 90 MINUTES.
- MAXIMUM LISTED LOUVER SIZE IS 24 X 24 INCHES.
- LOUVERS MAY NOT BE INSTALLED IN THE UPPER HALF OF A FIRE DOOR.
- LOUVERS MAY NOT BE INSTALLED IN 20 MINUTE DOORS.

MODIFICATIONS

ANY RETROFIT OR OTHER FIELD MODIFICATION TO A FIRE RATED OPENING CAN POTENTIALLY IMPACT THE FIRE RATING OF THE OPENING, AND CURRIES MAKES NO REPRESENTATIONS OR WARRANTIES CONCERNING WHAT SUCH IMPACT MAY BE IN ANY SPECIFIC SITUATION. WHEN RETROFITTING ANY PORTION OF AN EXISTING FIRE RATED OPENING, OR SPECIFYING AND INSTALLING A NEW FIRE-RATED OPENING, PLEASE CONSULT WITH A CODE SPECIALIST OR LOCAL CODE OFFICIAL (AUTHORITY HAVING JURISDICTION) TO ENSURE COMPLIANCE WITH ALL APPLICABLE CODES AND RATINGS.

PAIRS OF DOORS

- THE INACTIVE LEAF OF PAIRS OF DOORS MAY BE PROVIDED WITH SELF-LATCHING TOP AND BOTTOM BOLTS OR AUTOMATIC FLUSH BOLTS OR LABELED TWO POINT LATCHES. MANUAL BOLTS EITHER MORTISE OR SURFACE MAY BE USED ON DOORS TO ROOMS NOT NORMALLY OCCUPIED BY HUMANS.
- DOUBLE EGRESS DOORS ARE INTENDED TO BE PROVIDED WITH VERTICAL ROD EXIT DEVICES (CONCEALED OR SURFACE MOUNTED).
- OPEN BACK STRIKES MAY BE USED ON PAIRS OF 707 OR 747 DOORS TO A MAXIMUM OF 8'0" HIGH, MAXIMUM HEIGHT FOR 607 DOORS IS 7'0" HIGH.
- TWO DOORS IN THE SAME FRAME SEPARATED BY A HOLLOW METAL MULLION ARE TREATED AS TWO SINGLE DOORS.

PROTECTION PLATES/PLANT ONS

- PROTECTION PLATES OR KICK PLATES MAY BE A MAXIMUM OF 46" WIDE X 36" HIGH AND MAY BE ATTACHED TO BOTH FACES OF A DOOR. NFPA 80 STATES THAT LABELING IS NOT REQUIRED ON PROTECTION PLATES LESS THAN 16". FIELD INSTALLED PLATES MUST BE LABELED AND INSTALLED IN ACCORDANCE WITH THE PROTECTION PLATE MANUFACTURER'S LISTING. THE PROTECTION PLATE MANUFACTURER SHOULD ADVISE SIZE AND INSTALLATION LIMITATIONS. PROTECTION PLATES ARE LISTED UNDER UL CATEGORY CODE GVUX.
- PLANT-ONS, DECORATIVE MOLDINGS, OR CLADDING MAY NOT BE USED ON CURRIES FIRE DOORS.

SMOKE AND DRAFT CONTROL

- ALL COMPONENTS USED IN A SMOKE AND DRAFT CONTROL ASSEMBLY MUST PASS A 20 MINUTE WITHOUT HOSE STREAM FIRE TEST.
- ONLY GASKETS LISTED FOR SMOKE AND DRAFT CONTROL MAYBE USED FOR SMOKE AND DRAFT CONTROL ASSEMBLIES.
- THE GASKETS USED FOR A SMOKE AND DRAFT CONTROL ASSEMBLY MUST BE LISTED FOR THE TYPE OF DOOR INSTALLEDIN THE FRAME, I.E. HOLLOW METAL OR WOOD.
- WOOD DOORS USED IN A SMOKE AND DRAFT ASSEMBLY THAT DO NOT HAVE INTUMESCENT IMBEDDED IN THE DOOR EDGE MAY REQUIRE AN EDGE SEAL (INTUMESCENT) AND A SMOKE AND DRAFT CONTROL QUALIFIED GASKET TO BE INSTALLED IN THE DOOR FRAME.

TEMPERATURE RISE DOORS

- THE L727 SERIES DOOR MAY BE USED IN 450˚ TEMPERATURE RISE APPLICATIONS.
- A STEEL OVERLAPPING ASTRAGAL IS REQUIRED ON ALL FIRE-RATED PAIRS OF 727 DOORS.
- THE 747 TEMPERATURE RISE DOOR IS AVAILABLE AT A 450˚ RATING ONLY.

VISION LIGHT REQUIREMENTS

- NO GLASS SHOULD BE USED IN EXTERIOR DOORS SUBJECT TO A SEVERE FIRE EXPOSURE.
- ANY LISTED FIRE DOOR VISION LIGHT KIT MAY BE USED IN CURRIES LABELED DOORS. VISION KITS SHOULD BE LISTED FOR USE IN THE TYPE OF DOOR CONSTRUCTION THEY ARE INSTALLED IN.
- CURRIES VISION LIGHT KITS MAY BE USED IN CURRIES DOORS ONLY.
- DOOR MUST MAINTAIN 6" MINIMUM STILES AND RAILS. INCREASED STILE AND RAIL DIMENSIONS SHOULD BE CONSIDERED WHEN DOOR SIZE EXCEEDS 3'0" X 7'0".
  - DOOR MAX SIZE FOR 3 HR. RATINGS IS 100 SQ INCHES
  - REFER TO SPECIFIC SERIES DOOR PAGES FOR ADDITIONAL INFORMATION ON MAX LIGHT SIZE CAPABILITIES
- NFPA 80 ALLOWS VISION LIGHT KITS UP TO 100 SQ. INCHES IN 450˚ TEMP. RISE APPLICATIONS. AUTHORITY HAVING JURISDICTION MAY ALLOW USE OF SPECIALTY GLAZING(SEE GLAZING CHART FOR APPROVED GLAZING) OVER 100 SQ. INCHES.

GLASS/GLAZING

MAXIMUM GLASS LIGHT AREA IS DETERMINED BY THE GLASS MANUFACTURERS MAXIMUM TESTED SIZE CAPABILITY, AND UP TO CURRIES MAX FRAME SIZE CAPABILITIES. MINIMUM GLASS LIGHT RATING IS UP TO AND INCLUDING 90 MINUTES.

OTHER LIMITATIONS AND RESTRICTIONS MAY APPLY PER CURRIES CERTIFICATIONS.

FIRE DOOR CAPABILITIES CHART-WH LISTING

WH LISTING

TYPE	STEEL GA.	RATING	**607** (18 GA. ONLY)	**707** POLY-STYRENE OR QMAX CORE	**707** HONEY-COMB CORE	**727** TEMP RISE	**747**	**847, 857**	**777, 777E**
			MAXIMUM OPENING SIZE						
SINGLE	16, 18	180 MINUTE	40 X 80	40 X 80	40 X 80	40 X 80	40 X 10	X	40 X 80
PAIR	16, 18	180 MINUTE	80 X 80	80 X 80	80 X 80	80 X 80	80 X 10	X	80 X 80
DOUBLE EGRESS PAIR	16, 18	180 MINUTE	60 X 80	80 X 80	80 X 80	80 X 80	80 X 10	X	80 X 80
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE						
SINGLE	16, 18	20, 45, 60, 90 MIN.	40 X 80	40 X 80	43 X 90	40 X 80	50 X 10	X	40 X 90
PAIR	16, 18	20, 45, 60, 90 MIN.	80 X 80	80 X 80	86 X 90	80 X 80	10 X 10	X	80 X 90
DOUBLE EGRESS PAIR	16, 18	20, 45, 60, 90 MIN.	60 X 80	80 X 80	86 X 90	80 X 80	80 X 10	X	80 X 80
747 DOUBLE EGRESS PAIRS AT 10 X 10 SIZE ARE AVAILABLE UP TO 20 MINUTE FIRE RATING.									
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE						
SINGLE	14	180 MINUTE	X	40 X 80	40 X 90	X	40 X 80	40 X 80	40 X 80
PAIR	14	180 MINUTE	X	80 X 80	80 X 90	X	80 X 80	X	80 X 80
707 DOORS USING POLYSTYRENE, QMAX, OR HONEYCOMB CORE IN 14 GAUGE SKINS REQUIRED FIXED (WELDED) MULLIONS.									
DOUBLE EGRESS PAIR	14	180 MINUTE	X	X	X	X	80 X 80	X	80 X 80
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE						
SINGLE	14	20, 45, 60, 90 MIN.	X	40 X 80	40 X 90	X	40 X 80	40 X 80	40 X 90
PAIR	14	20, 45, 60, 90 MIN.	X	80 X 80	80 X 90	X	80 X 80	X	80 X 90
707 DOORS USING POLYSTYRENE, QMAX, OR HONEYCOMB CORE IN 14 GAUGE SKINS REQUIRED FIXED (WELDED) MULLIONS.									
DOUBLE EGRESS PAIR	14	20, 45, 60, 90 MIN.	X	X	X	X	80 X 80	X	80 X 80
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE						
747 DUTCH DOORS	14, 16, 18	20, 45, 60, 90, 180 MIN.	X	X	X	X	38 X 72	X	X

* THIS CHART DISPLAYS OUR MAX SIZES, OTHER REQUIREMENTS MAY BE NEEDED, SUCH AS ASTRAGALS, OR RATING LIMITATIONS.
* 607 DOOR SERIES AVAILABLE WITH 18 GAUGE ONLY.

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FIRE DOOR CAPABILITIES CHART-UL LISTING

UL LISTING

TYPE	STEEL GA.	RATING	**607** (20 & 18 GA. ONLY)	**707** POLY-STYRENE OR QMAX CORE	**707** HONEY-COMB CORE	**727** TEMP RISE	**747**	**847, 857**	**777, 777E**
SINGLE	16, 18	180 MINUTE	40 X 80	40 X 80	40 X 80	X	40 X 10	X	40 X 80
PAIR	16, 18	180 MINUTE	80 X 80	80 X 80	80 X 80	X	80 X 10	X	80 X 80
DOUBLE EGRESS PAIR	16, 18	180 MINUTE	X	X	X	X	80 X 80	X	80 X 80
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE						
SINGLE	16, 18	20, 45, 60, 90 MIN.	40 X 80	40 X 80	40 X 80	X	50 X 12	X	40 X 90
PAIR	16, 18	20, 45, 60, 90 MIN.	80 X 80	80 X 80	80 X 80	X	10 X 12	X	80 X 90
DOUBLE EGRESS PAIR	16, 18	20, 45, 60, 90 MIN.	80 X 80	80 X 80	80 X 80	X	80 X 10	X	80 X 80
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE						
SINGLE	14	180 MINUTE	X	X	X	X	40 X 80	40 X 80	40 X 80
PAIR	14	180 MINUTE	X	X	X	X	80 X 80	80 X 80	80 X 80
DOUBLE EGRESS PAIR	14	180 MINUTE	X	X	X	X	80 X 80	80 X 80	80 X 80
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE						
SINGLE	14	20, 45, 60, 90 MIN.	X	X	X	X	40 X 80	40 X 80	40 X 80
PAIR	14	20, 45, 60, 90 MIN.	X	X	X	X	80 X 80	80 X 80	80 X 80
DOUBLE EGRESS PAIR	14	20, 45, 60, 90 MIN.	X	X	X	X	80 X 80	80 X 80	80 X 80
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE						
747 DUTCH DOORS	14, 16, 18	20, 45, 60, 90, 180 MIN.	X	X	X	X	38 X 72	X	X

* THIS CHART DISPLAYS OUR MAX SIZES, OTHER REQUIREMENTS MAY BE NEEDED, SUCH AS ASTRAGALS, OR RATING LIMITATIONS.
* SEE DOOR SECTION FOR ADDITIONAL DETAILS ON FIRE LISTING
* 607 DOOR SERIES AVAILABLE WITH 20 GAUGE AND 18 GAUGE ONLY.

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FIRE FRAME CAPABILITIES CHART - WH LISTING

WH LISTING

			M AND G SERIES	CM AND CMG SERIES	WC, WC, C, AND CG SERIES	WM, WCM AND WMG SERIES	NM AND N SERIES
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	16	180 MINUTES	40 X 10	40 X 10	X	40 X 10	X
PAIR	16	180 MINUTES	80 X 10	80 X 10	X	80 X 10	X
DOUBLE EGRESS PAIR	16	180 MINUTES	80 X 10	80 X 10	X	X	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	16	20, 45, 60, 90 MINUTES	50 X 10	50 X 10	40 X 80	40 X 10	40 X 90
PAIR	16	20, 45, 60, 90 MINUTES	10 X 10	10 X 10	80 X 72 OR 70 X 90	80 X 10	80 X 90
DOUBLE EGRESS PAIR	16	20, 45, 60, 90 MINUTES	80 X 10	80 X 10	X	X	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	14	180 MINUTES	40 X 10	40 X 10	X	40 X 10	X
PAIR	14	180 MINUTES	80 X 10	80 X 10	X	80 X 10	X
DOUBLE EGRESS PAIR	14	180 MINUTES	80 X 10	80 X 10	X	X	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	14	20, 45, 60, 90 MINUTES	50 X 10	50 X 10	40 X 80	40 X 10	40 X 90
PAIR	14	20, 45, 60, 90 MINUTES	10 X 10	10 X 10	80 X 72 OR 70 X 90	80 X 10	80 X 90
DOUBLE EGRESS PAIR	14	20, 45, 60, 90 MINUTES	80 X 10	80 X 10	X	X	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	12	180 MINUTES	40 X 10	40 X 10	X	40 X 10	X
PAIR	12	180 MINUTES	80 X 10	80 X 10	X	80 X 10	X
DOUBLE EGRESS PAIR	12	180 MINUTES	80 X 10	80 X 10	X	X	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	12	20, 45, 60, 90 MINUTES	50 X 10	50 X 10	X	40 X 10	X
PAIR	12	20, 45, 60, 90 MINUTES	10 X 10	10 X 10	X	80 X 10	X
DOUBLE EGRESS PAIR	12	20, 45, 60, 90 MINUTES	80 X 10	80 X 10	X	X	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
DOUBLE EGRESS PAIR	16, 14, 12	20 MINUTES	10 X 10	10 X 10	X	X	X

* THIS CHART DISPLAYS OUR MAX SIZES, OTHER REQUIRMENTS MAY BE NEEDED, SUCH AS ANCHOR RESTRICTIONS, FACE SIZE OR WALL TYPE
* THE CHART ABOVE DETAILS 3 SIDED FRAME CAPABILITIES
* C, CG, N SERIES REQUIRE COMPRESSION ANCHORS

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FIRE FRAME CAPABILITIES CHART - UL LISTING

UL LISTING

			M AND G SERIES	CM AND CMG SERIES	WC, WC, C, AND CG SERIES	WM, WCM AND WMG SERIES	NM AND N SERIES
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	16	180 MINUTES	40 X 10	40 X 10	X	40 X 10	X
PAIR	16	180 MINUTES	80 X 10	80 X 10	X	80 X 10	X
DOUBLE EGRESS PAIR	16	180 MINUTES	80 X 80	80 X 80	X	80 X 80	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	16	20, 45, 60, 90 MINUTES	50 X 12	50 X 12	40 X 90	40 X 10	40 X 90
PAIR	16	20, 45, 60, 90 MINUTES	10 X 12	10 X 12	80 X 72 OR 70 X 90	80 X 10	80 X 90
DOUBLE EGRESS PAIR	16	20, 45, 60, 90 MINUTES	80 X 80	80 X 80	X	80 X 80	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	14	180 MINUTES	40 X 10	40 X 10	X	40 X 10	X
PAIR	14	180 MINUTES	80 X 10	80 X 10	X	80 X 10	X
DOUBLE EGRESS PAIR	14	180 MINUTES	80 X 90	80 X 80	X	80 X 80	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	14	20, 45, 60, 90 MINUTES	50 X 12	50 X 12	40 X 90	40 X 10	40 X 90
PAIR	14	20, 45, 60, 90 MINUTES	10 X 12	10 X 12	80 X 72 OR 70 X 90	80 X 10	80 X 90
DOUBLE EGRESS PAIR	14	20, 45, 60, 90 MINUTES	80 X 80	80 X 80	X	80 X 80	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	12	180 MINUTES	40 X 10	40 X 10	X	40 X 10	X
PAIR	12	180 MINUTES	80 X 10	80 X 10	X	80 X 10	X
DOUBLE EGRESS PAIR	12	180 MINUTES	80 X 80	80 X 80	X	80 X 80	X
TYPE	STEEL GA.	RATING	MAXIMUM OPENING SIZE				
SINGLE	12	20, 45, 60, 90 MINUTES	50 X 12	50 X 12	X	40 X 10	X
PAIR	12	20, 45, 60, 90 MINUTES	10 X 12	10 X 12	X	80 X 10	X
DOUBLE EGRESS PAIR	12	20, 45, 60, 90 MINUTES	80 X 80	80 X 80	X	80 X 80	X

* THIS CHART DISPLAYS OUR MAX SIZES, OTHER REQUIRMENTS MAY BE NEEDED, SUCH AS ANCHOR RESTRICTIONS, FACE SIZE OR WALL TYPE
* THE CHART ABOVE DETAILS 3 SIDED FRAME CAPABILITIES
* C, CG, N SERIES REQUIRE COMPRESSION ANCHORS

FRAME PANEL AND GLAZING CHART

PANEL DESCRIPTION	RATING	MAX EXPOSED AREA SQ. IN.	MAX VISIBLE WIDTH INCHES	MAX VISIBLE HEIGHT INCHES	MIN STOP HEIGHT INCHES	MATERIAL THICKNESS INCHES	MIN POCKET WIDTH INCHES
SIDE PANELS							
CURRIES HONEYCOMB CORE	90 MINUTES	4608	48	96	5/8	1-3/4	1-7/8
CURRIES TEMPERATURE RISE CORE	90 MINUTES	4608	48	96	5/8	1-3/4	1-7/8
CURRIES STEEL STIFFENED CORE	90 MINUTES	4608	48	96	5/8	1-3/4	1-7/8
CURRIES 1/2" COMPOSITE CORE	90 MINUTES	4608	48	96	5/8	1/2	5/8
WOOD PANELS	90 MINUTES	SEE NOTE 2					
TRANSOM PANELS							
CURRIES HONEYCOMB CORE	90 MINUTES	4608	96	48	5/8	1-3/4	1-7/8
CURRIES TEMPERATURE RISE CORE	90 MINUTES	4608	96	48	5/8	1-3/4	1-7/8
CURRIES STEEL STIFFENED CORE	90 MINUTES	4608	96	48	5/8	1-3/4	1-7/8
CURRIES 1/2" COMPOSITE CORE	90 MINUTES	4608	96	48	5/8	1/2	5/8
WOOD PANELS	90 MINUTES	SEE NOTE 2					

NOTE 2 *LISTED WOOD PANELS MAY BE USED IN CURRIES FRAMES AS ALLOWED BY THE WOOD PANEL MANUFACTURER'S LISTINGS.*

NOTE 3 *USE SPRING BOLT SPACING FROM WOOD PANEL MANUFACTURER.*

UL LISTING ONLY

PANEL DOORS

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90 MINUTE MAXIMUM RATING.
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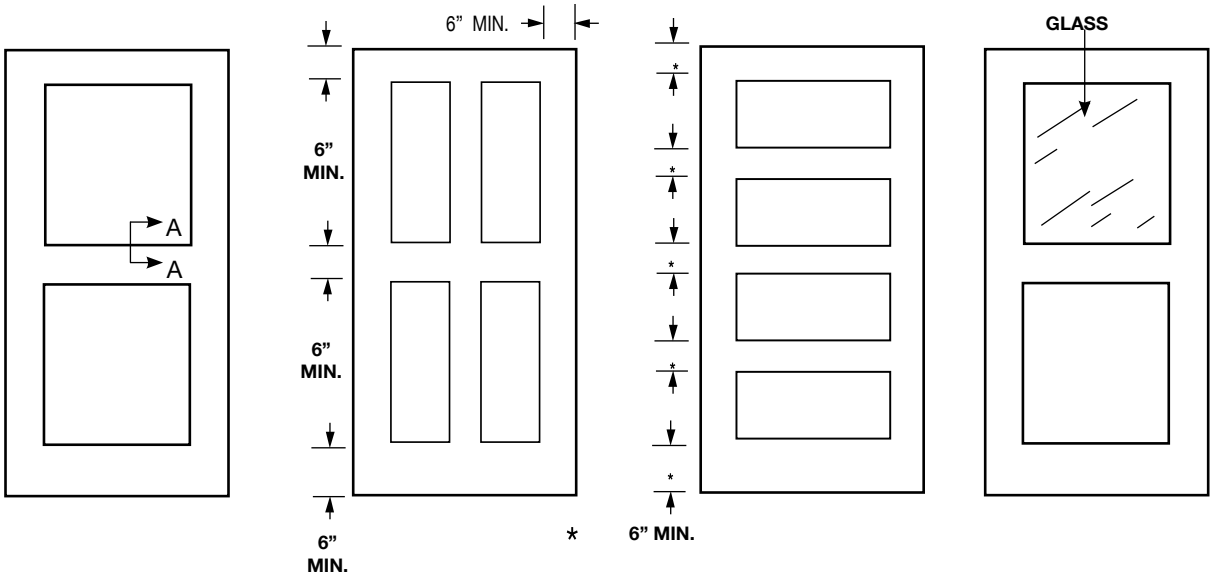
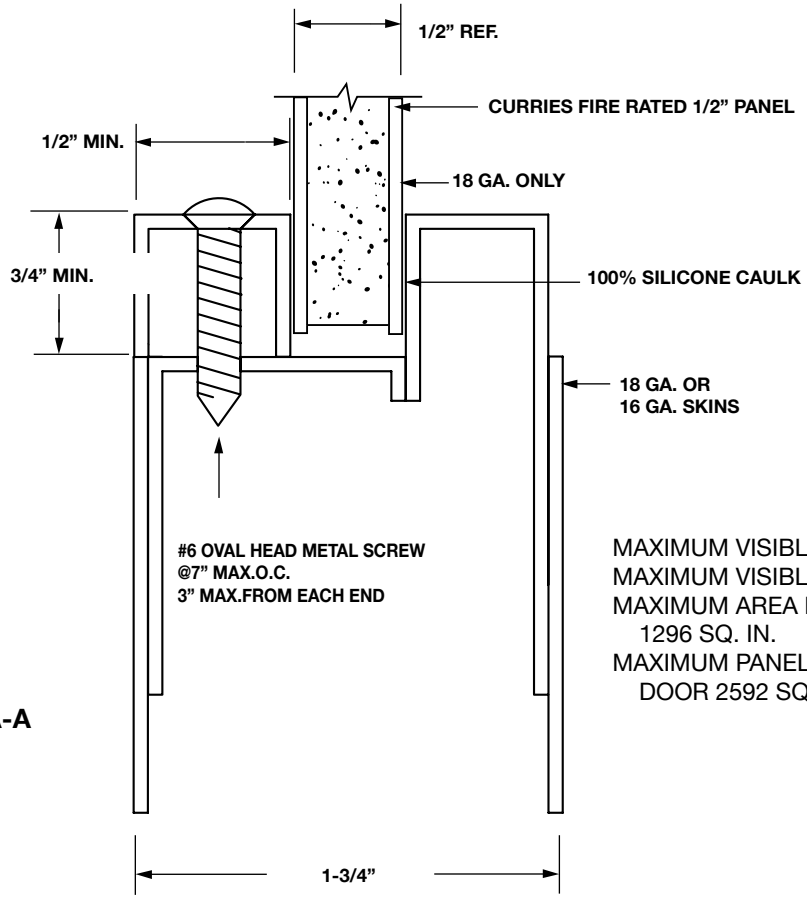
TYPICAL FACE TYPES



6" MINIMUM STILE AND RAIL

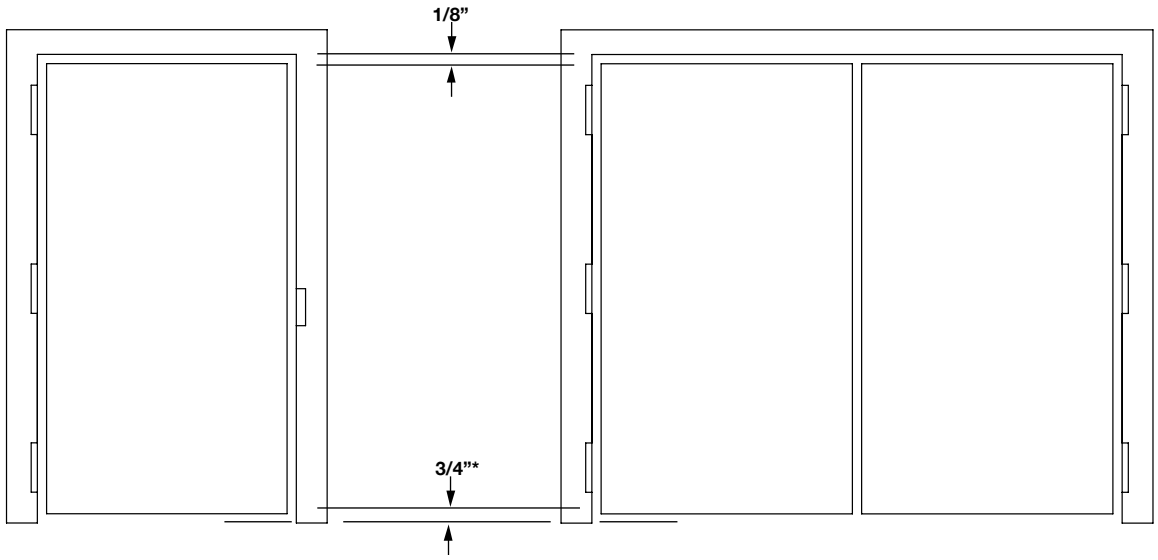


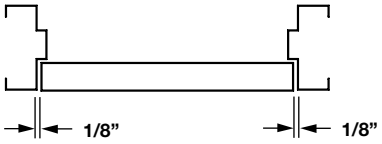
MAXIMUM VISIBLE WIDTH 36"
MAXIMUM VISIBLE HEIGHT 36"
MAXIMUM AREA PER PANEL
1296 SQ. IN.
MAXIMUM PANEL AREA PER
DOOR 2592 SQ. IN.

SECTION A-A

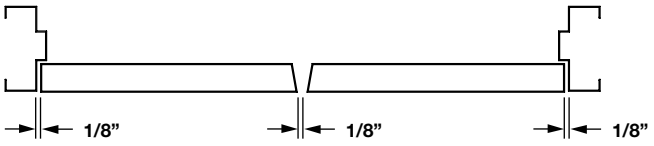
MAXIMUM LABEL DOOR CLEARANCES

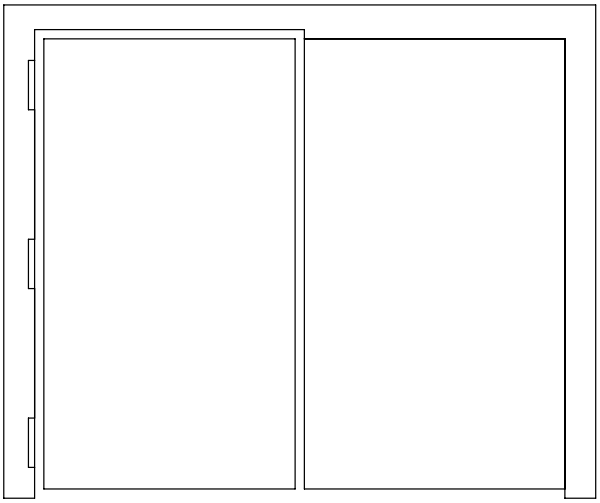
SINGLE



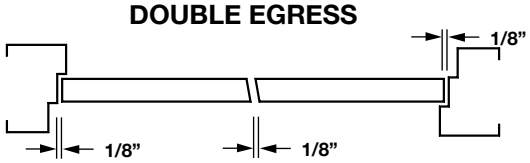


PAIR





DOUBLE EGRESS



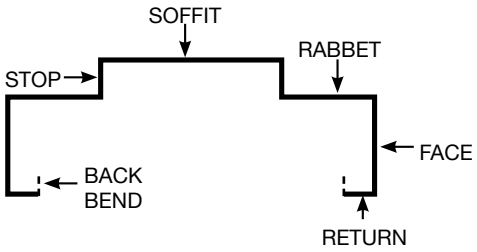
REFERENCE: MAXIMUM CLEARANCES AS PUBLISHED IN N.F.P.A. 80; FIRE DOORS AND WINDOWS.

*CURRIES STANDARD UNDERCUT IS 5/8”

THREE SIDED DRYWALL DOOR FRAME - WH LISTING

WH LISTING

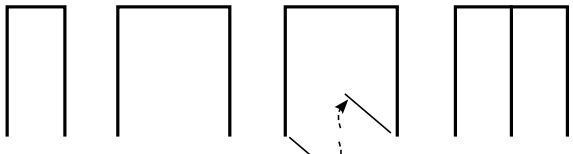
PROFILE DESCRIPTION:



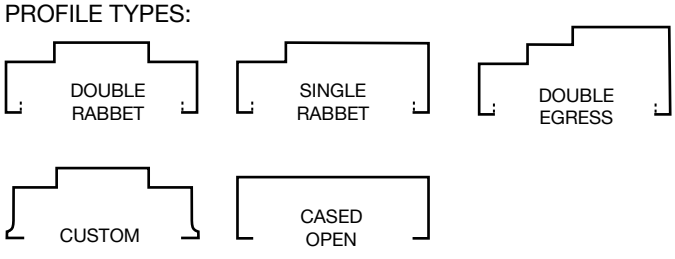
DRYWALL CAPABILITY

SERIES	RATING	GAUGE	CORNER	JAMB DEPTH	BACK BEND	RETURN	SOFFIT		FACE SIZE	
							WIDTH MIN.	HEIGHT MIN.	HEADER	JAMB
M / CM / WM	180 MIN.	16, 14, 12	KD AND WELDED	4 1/4" TO 14"	3/8" TO 3/4"	3/8" TO 3/4"	1"	5/8"	2" TO 4"	2" TO 4"
G / CMG / WG	180 MIN.	16, 14, 12	KD AND WELDED	4 1/4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	1"	5/8"	2" TO 4"	2" TO 4"
MK / CMK	180 MIN.	16, 14, 12	KD AND WELDED	4 1/2" TO 14"	1/2"	3/8" TO 3/4"	N/A	N/A	1 3/8" TO 4"	1 3/8" TO 4"
MK / CMK: APPLIED STOPS ARE NOT REQUIRED ON THE HINGE JAMBS OF THE FRAME WHEN USING LISTED STEEL OR STAINLESS STEEL CONTINUOUS HINGES. LISTED APPLIED STOPS ARE REQUIRED ON THE LOCK JAMB AND HEAD OF THE FRAME.										
DEM / DEC	180 MIN.	16, 14, 12	WELDED	4 1/2" TO 14"	1/2"	3/8" TO 3/4"	1 3/8"	5/8"	1 3/16" TO 4"	1 3/16" TO 4"
M / CM / WM	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 1/4" TO 16"	3/8" TO 3/4"	3/8" TO 3/4"	1"	5/8"	2" TO 4"	2" TO 4"
G / CMG / WG	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 1/4" TO 16"	3/8" TO 3/4"	3/8" TO 1 3/8"	1"	5/8"	2" TO 4"	2" TO 4"
C / CG / N / WC / WCG	20,45,60,90 MIN.	16, 14, 12	KD	4 1/4" TO 14"	3/8" TO 3/4"	1/2"	1"	5/8"	2"	2"
N: N PROFILE JAMB DEPTH IS BASED ON THE THROAT, MAX THROAT FOR THE N PROFILE IS 13".										
MK / CMK	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 1/2" TO 14"	1/2"	3/8" TO 3/4"	N/A	N/A	1 1/4" TO 4"	1 1/4" TO 4"
MK / CMK: APPLIED STOPS ARE NOT REQUIRED ON THE HINGE JAMBS OF THE FRAME WHEN USING LISTED STEEL OR STAINLESS STEEL CONTINUOUS HINGES. LISTED APPLIED STOPS ARE REQUIRED ON THE LOCK JAMB AND HEAD OF THE FRAME.										
NM	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 1/4" TO 13"	3/8" TO 3/4"	3/8" TO 1 3/8"	1"	5/8"	2" TO 4"	2" TO 4"
DEM / DEC / WDE SERIES	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 1/2" TO 14"	1/2"	3/8" TO 3/4"	1 3/8"	5/8"	1 3/16" TO 4"	1 3/16" TO 4"

ELEVATION TYPES:



PROFILE TYPES:



THREE SIDED MASONRY DOOR FRAME - WH LISTING

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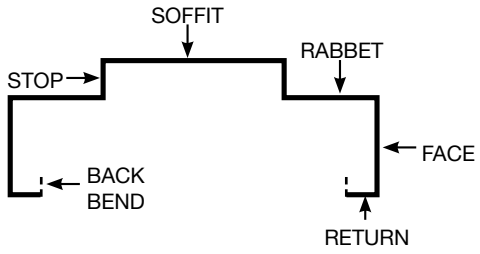
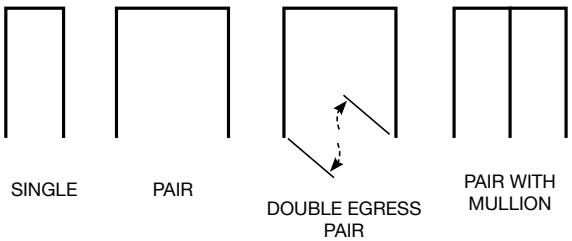
PROFILE DESCRIPTION:



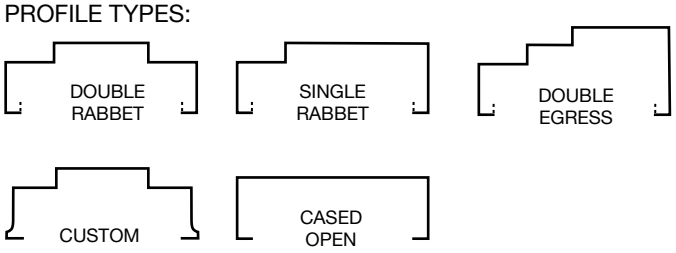
MASONRY CAPABILITY

SERIES	RATING	GAUGE	CORNER	JAMB DEPTH	BACK BEND	RETURN	SOFFIT		FACE SIZE	
							WIDTH MIN.	HEIGHT MIN.	HEADER	JAMB
M / CM / WM	180 MIN.	16, 14, 12	KD AND WELDED	4 1/4" TO 14"	3/8" TO 3/4"	3/8" TO 3/4"	1"	5/8"	2" TO 4"	2" TO 4"
G / CMG / WG	180 MIN.	16, 14, 12	KD AND WELDED	4 1/4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	1"	5/8"	2" TO 4"	2" TO 4"
MK / CMK	180 MIN.	16, 14, 12	KD AND WELDED	4 1/2" TO 14"	1/2"	3/8" TO 3/4"	N/A	N/A	1 3/8" TO 4"	1 3/8" TO 4"
MK / CMK: APPLIED STOPS ARE NOT REQUIRED ON THE HINGE JAMBS OF THE FRAME WHEN USING LISTED STEEL OR STAINLESS STEEL CONTINUOUS HINGES. LISTED APPLIED STOPS ARE REQUIRED ON THE LOCK JAMB AND HEAD OF THE FRAME.										
DEM / DEC	180 MIN.	16, 14, 12	WELDED	4 1/2" TO 14"	1/2"	3/8" TO 3/4"	1 3/8"	5/8"	1 3/16" TO 4"	1 3/16" TO 4"
M / CM / WM	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 1/4" TO 16"	3/8" TO 3/4"	3/8" TO 3/4"	1"	5/8"	2" TO 4"	2" TO 4"
G / CMG / WG	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 1/4" TO 16"	3/8" TO 3/4"	3/8" TO 1 3/8"	1"	5/8"	2" TO 4"	2" TO 4"
MK / CMK	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 1/2" TO 14"	1/2"	3/8" TO 3/4"	N/A	N/A	1 1/4" TO 4"	1 1/4" TO 4"
MK / CMK: APPLIED STOPS ARE NOT REQUIRED ON THE HINGE JAMBS OF THE FRAME WHEN USING LISTED STEEL OR STAINLESS STEEL CONTINUOUS HINGES. LISTED APPLIED STOPS ARE REQUIRED ON THE LOCK JAMB AND HEAD OF THE FRAME.										
DEM / DEC / WDE SERIES	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 1/2" TO 14"	1/2"	3/8" TO 3/4"	1 3/8"	5/8"	1 3/16" TO 4"	1 3/16" TO 4"

ELEVATION TYPES:



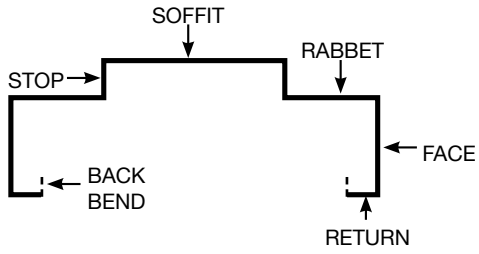
PROFILE TYPES:



THREE SIDED DRYWALL DOOR FRAMES - UL LISTING

UL LISTING

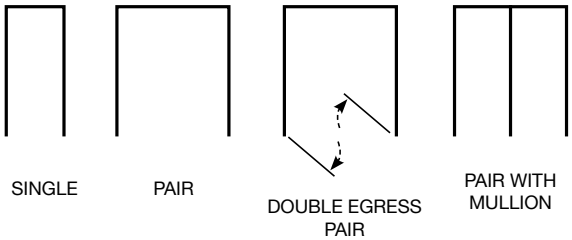
PROFILE DESCRIPTION:



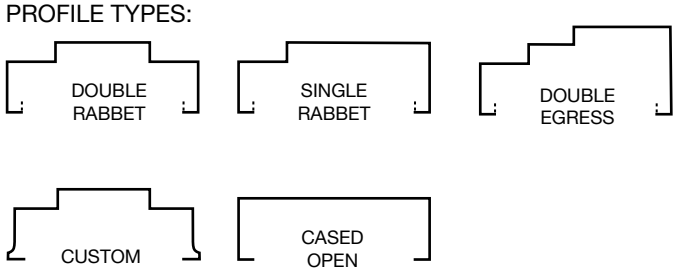
DRYWALL CAPABILITY

SERIES	RATING	GAUGE	CORNER	JAMB DEPTH	BACK BEND	RETURN	SOFFIT		FACE SIZE	
							WIDTH MIN.	HEIGHT MIN.	HEADER	JAMB
M / CM / WM	180 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	5/8"	5/8"	1 1/4" TO 8"	1 1/4" TO 4"
G / CMG / WG	180 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	5/8"	5/8"	1 1/4" TO 8"	1 1/4" TO 4"
MK / CMK	180 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	1/2"	3/8" TO 3/4"	N/A	N/A	1 3/8" TO 4"	1 3/8" TO 4"
MK / CMK: LISTED APPLIED STOPS ARE REQUIRED WITH CASED OPEN FRAMES										
DEM / DEC / WDE SERIES	180 MIN.	16, 14, 12	WELDED	4 3/4" TO 14"	1/2" TO 3/4"	1/2" TO 3/4"	5/8"	5/8"	1 3/8" TO 5 1/4"	1 3/8" TO 4"
M / CM / WM	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	5/8"	5/8"	1 1/4" TO 8"	1 1/4" TO 4"
G / CMG / WG	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	5/8"	5/8"	1 1/4" TO 8"	1 1/4" TO 4"
C / CG / WC / WCG	20,45,60,90 MIN.	16, 14, 12	KD	4 1/4" TO 14"	3/8" TO 3/4"	1/2"	7/8"	5/8"	2"	2"
MK / CMK	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	1/2"	3/8" TO 3/4"	N/A	N/A	1 1/4" TO 4"	1 1/4" TO 4"
MK / CMK: LISTED APPLIED STOPS ARE REQUIRED WITH CASED OPEN FRAMES										
NM	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 1/4" TO 13"	3/8" TO 3/4"	3/8" TO 1 3/8"	5/8"	5/8"	2" TO 4"	2" TO 4"
DEM / DEC / WDE SERIES	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 3/4" TO 14"	1/2" TO 3/4"	1/2" TO 3/4"	5/8"	5/8"	1 3/8" TO 5 1/4"	1 3/8" TO 4"

ELEVATION TYPES:



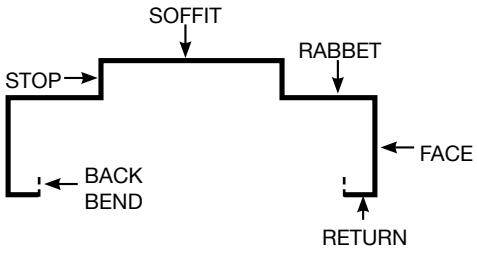
PROFILE TYPES:



THREE SIDED MASONRY DOOR FRAME - UL LISTED

UL LISTING

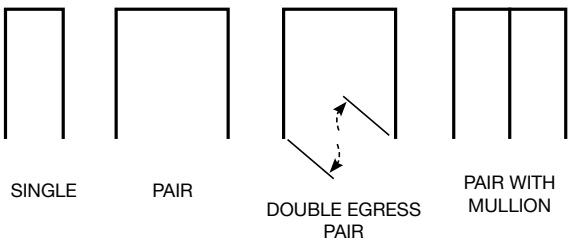
PROFILE DESCRIPTION:



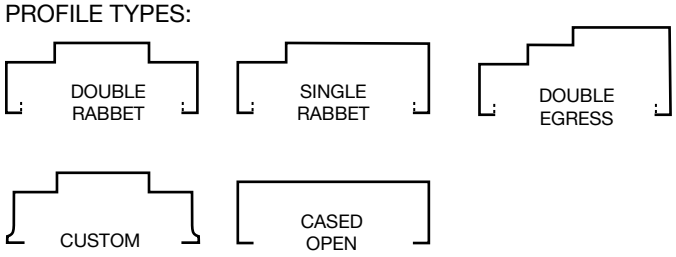
MASONRY CAPABILITY

SERIES	RATING	GAUGE	CORNER	JAMB DEPTH	BACK BEND	RETURN	SOFFIT		FACE SIZE	
							WIDTH MIN.	HEIGHT MIN.	HEADER	JAMB
M / CM / WM	180 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	5/8"	5/8"	1 1/4" TO 8"	1 1/4" TO 4"
G / CMG / WG	180 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	5/8"	5/8"	1 1/4" TO 8"	1 1/4" TO 4"
MK / CMK	180 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	N/A	N/A	1 3/8" TO 4"	1 3/8" TO 4"
MK / CMK: LISTED APPLIED STOPS ARE REQUIRED WITH CASED OPEN FRAMES										
DEM / DEC SERIES	180 MIN.	16, 14, 12	WELDED	4 3/4" TO 14"	1/2" TO 3/4"	1/2" TO 3/4"	5/8"	5/8"	1 3/8" TO 5 1/4"	1 3/8" TO 4"
M / CM / WM	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	5/8"	5/8"	1 1/4" TO 8"	1 1/4" TO 4"
G / CMG / WG	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	3/8" TO 3/4"	3/8" TO 1 3/8"	5/8"	5/8"	1 1/4" TO 8"	1 1/4" TO 4"
MK / CMK	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4" TO 14"	1/2"	3/8" TO 3/4"	N/A	N/A	1 3/8" TO 4"	1 3/8" TO 4"
MK / CMK: LISTED APPLIED STOPS ARE REQUIRED WITH CASED OPEN FRAMES										
DEM / DEC / WDE SERIES	20,45,60,90 MIN.	16, 14, 12	KD AND WELDED	4 3/4" TO 14"	1/2" TO 3/4"	1/2" TO 3/4"	5/8"	5/8"	1 3/8" TO 5 1/4"	1 3/8" TO 4"

ELEVATION TYPES:



PROFILE TYPES:

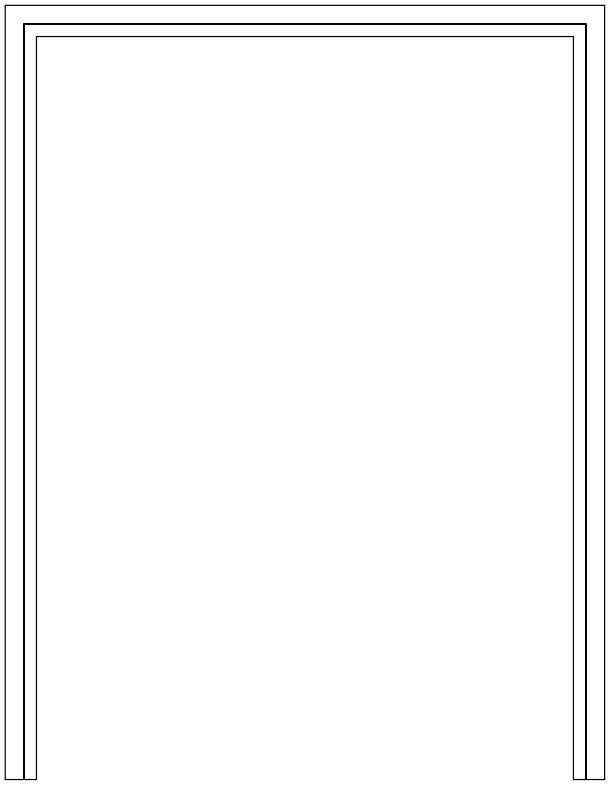


1" FACE DOOR FRAME (MASONRY WALL)

UL LISTING

WH LISTING

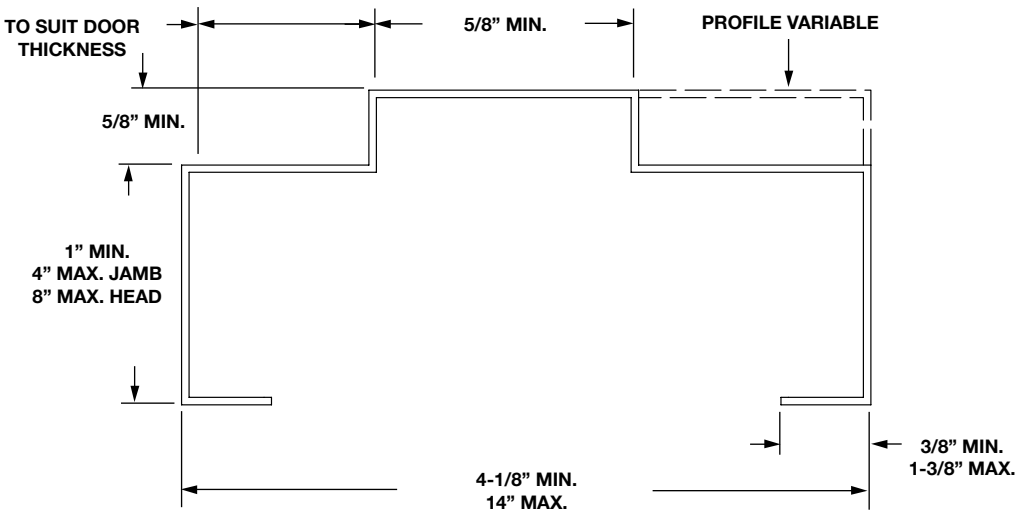
1" FACE DOOR FRAME
MASONRY WALL CONSTRUCTION
180 MINUTE MAXIMUM FIRE RATING



SIZE:
SINGLE: 4'0" W X 8'0" H
PAIR: 8'0" W X 7'2" H

WALL CONSTRUCTION: MASONRY

FRAME CONSTRUCTION:
- KD
- FACE WELD
- CONTINUOUS WELD



NOTE: HEADS WITH GREATER THAN 4" FACE ARE UL LABEL ONLY.

TRANSOM FRAME (WOOD TRANSOM PANEL)

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WOOD TRANSOM PANEL
90 MINUTE MAXIMUM RATING

FRAME SIZE:
- 4'0" W X 11'0" SINGLE SWING

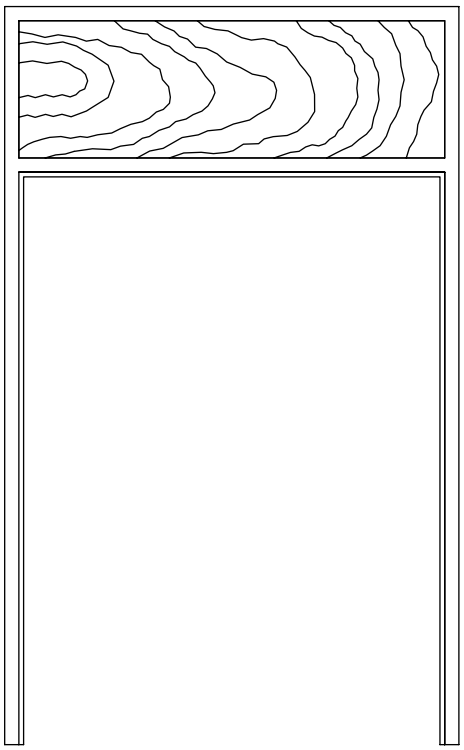
WALL CONSTRUCTION:
- MASONRY
- DRYWALL

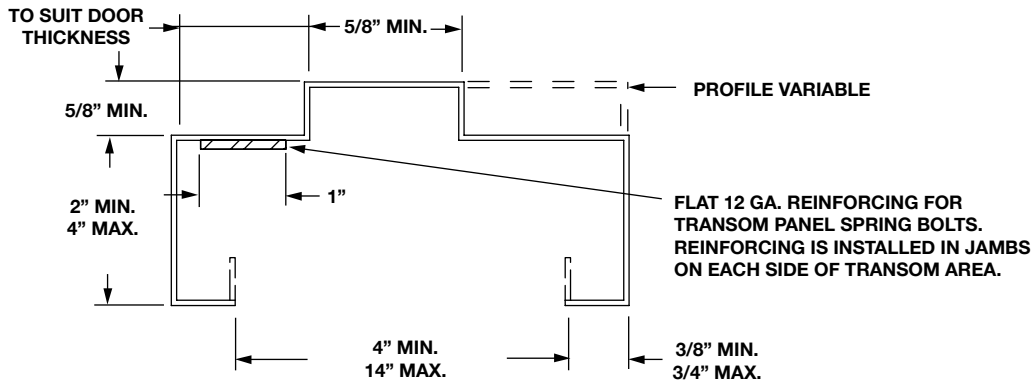
FRAME CONSTRUCTION:
- CONTINUOUS WELD

TRANSOM PANEL:
- ANY LISTED WOOD TRANSOM PANEL

MAX. PANEL SIZE:
- BASED ON WOOD DOOR MANUFACTURER'S LISTING.
- 1-1/2 HOUR MAX. LABEL RATING

MAX. DOOR SIZE:
- ANY LABELED DOOR





NOTES:

1) *THIS FRAME IS CONSIDERED A TRANSOM FRAME AND MUST BEAR A LABEL WHICH STATES "FIRE DOOR FRAME WITH PANELS"*
2) *ATTACHMENT OF TRANSOM PANEL TO FRAME IS BY USE OF SPRING BOLTS THAT ARE PROVIDED WITH THE PANEL. (PANEL MAY ALSO BE ATTACHED TO FRAME BY OTHER MEANS AS ALLOWED BY THE PANEL MANUFACTURER'S LISTING.) SPRING BOLTS ENGAGE IN TO REINFORCED HOLES IN THE FRAME.*
3) *ANY LISTED WELD IN OR SLIP IN MASONRY OR DRYWALL ANCHOR MAY BE USED IN THIS FRAME. (COMPRESSION ANCHORS NOT ALLOWED).*

TRANSOM FRAME FOR RABBETED WOOD DOOR AND TRANSOM PANEL

FIRE CERTIFICATION

UL LISTING

90 MINUTE MAXIMUM RATING

FRAME SIZE:
4'0" X 10'0" AS KD
4'0" X 11'0" AS WELDED

WALL CONSTRUCTION:
MASONRY OR DRYWALL

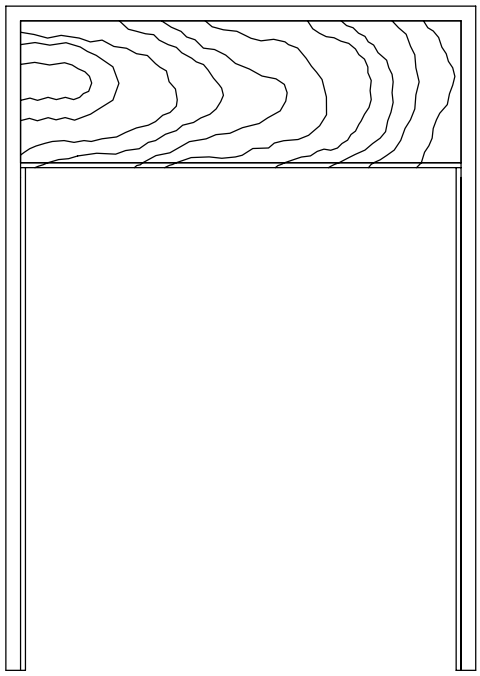
FRAME CONSTRUCTION:
KD OR WELDED CORNER CONSTRUCTION

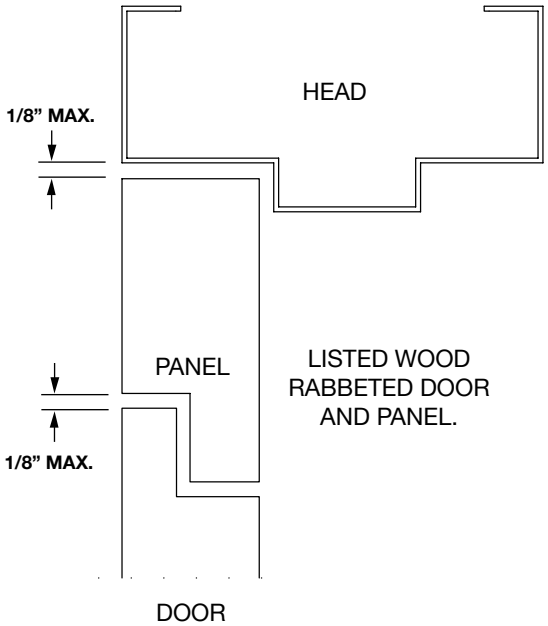
FRAME MATERIAL:
COLD ROLLED AND GLAVANIZED STEEL
16 GA. MINIMUM TO 12 GA. MAXIMUM

TRANSOM PANEL:
1-3/4" THICK LISTED WOOD TRANSOM PANEL

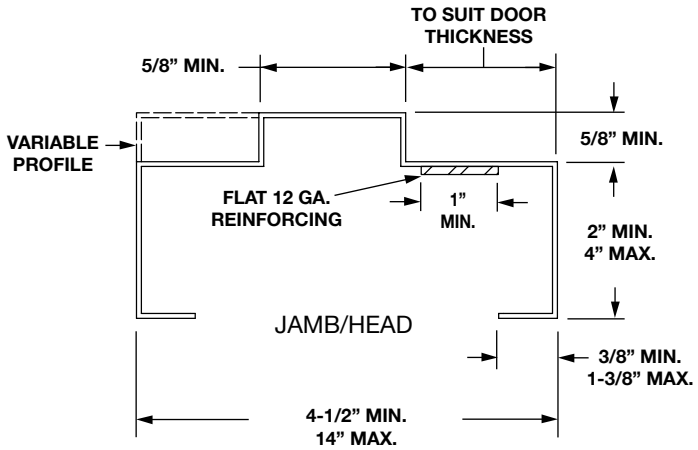
PANEL AREA ALLOWED:
MAXIMUM SIZE: 4'0" W X 4'0" H

MAX. DOOR SIZE:
4'0" X 8'0" SINGLE DOORS ONLY





LISTED WOOD RABBETED DOOR AND PANEL.



GENERAL NOTES:

- FLAT 12 GA. REINFORCING FOR TRANSOM PANEL SPRING BOLTS. REINFORCING IS INSTALLED IN JAMBS ON EACH SIDE OF TRANSOM PANEL.
- ATTACHMENT OF TRANSOM PANEL TO FRAME IS BY USE OF SPRING BOLTS PROVIDED WITH THE PANEL. (PANEL MAY BE ATTACHED TO THE FRAME BY OTHER MEANS, AS ALLOWED BY THE PANEL MANUFACTURERS LISTINGS). SPRING BOLTS ENGAGE INTO REINFORCED HOLES IN THE FRAME.
- CONTACT WOOD DOOR & PANEL MANUFACTURER FOR PANEL AND DOOR LIMITATIONS.

TRANSOM FRAME FOR RABBETED METAL DOOR AND TRANSOM PANEL

FIRE CERTIFICATION

UL LISTING

WH LISTING

90 MINUTE MAXIMUM RATING

FRAME SIZE:
4'0" X 10'0" AS KD
4'0" X 11'0" AS WELDED

WALL CONSTRUCTION:
MASONRY OR DRYWALL

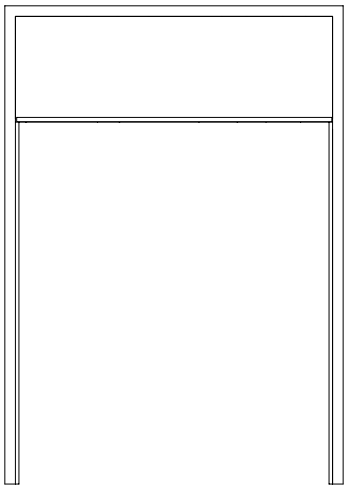
FRAME CONSTRUCTION:
KD OR WELDED CORNER CONSTRUCTION

FRAME MATERIAL:
COLD ROLLED AND GLAVANIZED STEEL
16 GA. MINIMUM TO 12 GA. MAXIMUM

TRANSOM PANEL:
1-3/4" THICK LISTED METAL TRANSOM PANEL

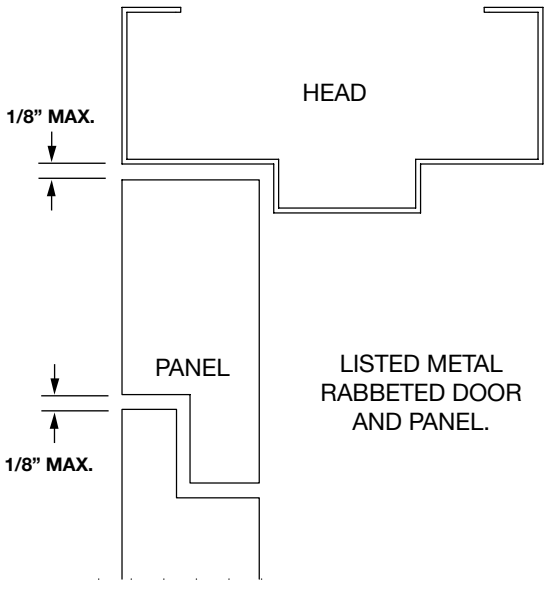
PANEL AREA ALLOWED:
MAXIMUM SIZE: 4'0" W X 4'0" H

MAX. DOOR SIZE:
4'0" X 8'0" SINGLE DOORS ONLY

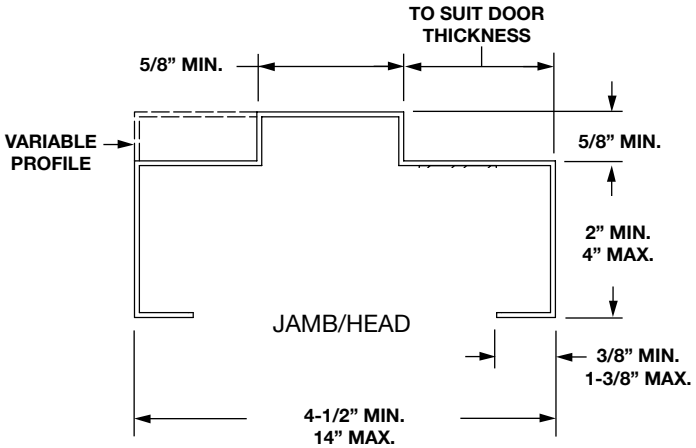


GENERAL NOTES:

- THIS FRAME IS LIMITED TO THE SAME RESTRICTIONS AS OTHER TRANSOM FRAMES.
- SCREWS AND WELDS FOR PANEL ANCHORING SHALL BE AT 2-1/2" FROM ENDS AND A MAXIMUM OF 12" APART ON TOP AND BOTTOM EDGES AND 18" APART ON SIDES. PANEL SCREWS SHALL BE MINIMUM #10 SIZE.



LISTED METAL RABBETED DOOR AND PANEL.



TRANSOM FRAME WITHOUT TRANSOM BAR (FIXED)

FIRE CERTIFICATION

UL LISTING

FRAME SIZE:
SINGLE - 4'0" W X 10'0" H
PAIR - 8'0" W X 10'0" H

180 MINUTE MAXIMUM RATING FOR MASONRY
90 MINUTE MAXIMUM RATING FOR DRYWALL

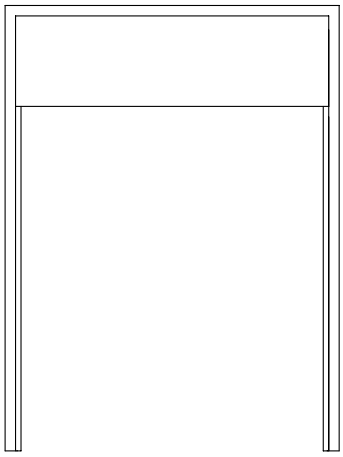
WALL CONSTRUCTION:
MASONRY OR DRYWALL

FRAME CONSTRUCTION:
KD OR WELDED CORNER CONSTRUCTION

FRAME MATERIAL:
COLD ROLLED AND GLAVANIZED STEEL
16 GA. MINIMUM TO 12 GA. MAXIMUM

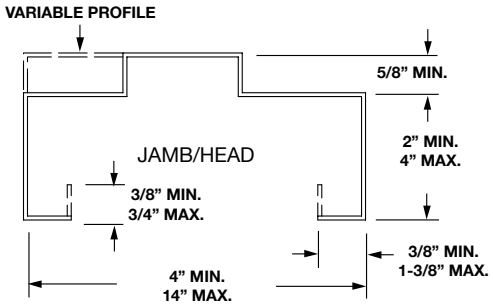
TRANSOM PANEL:
MUST BE 747 CONSTRUCTION

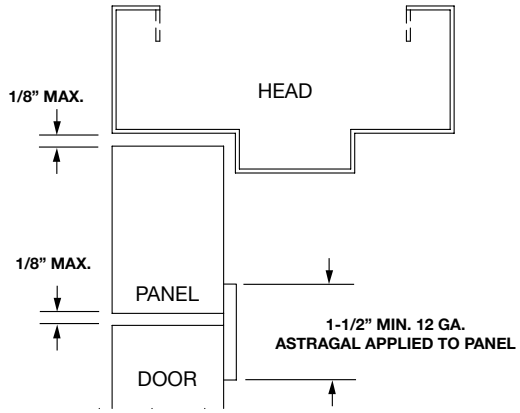
PANEL AREA ALLOWED:
SINGLE - 4'0" W X 3'0" H MAX.
PAIR: 8'0" W X 3'0" H MAX.



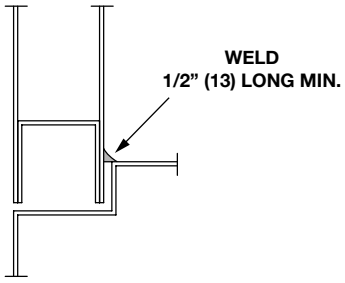
GENERAL NOTES:

- THIS FRAME IS LIMITED TO THE SAME RESTRICTIONS AS OTHER TRANSOM FRAMES.
- SCREWS AND WELDS FOR PANEL ANCHORING SHALL BE AT 2-1/2" FROM ENDS AND A MAXIMUM OF 12" APART ON TOP AND BOTTOM EDGES AND 18" APART ON SIDES. PANEL SCREWS SHALL BE MINIMUM #10 SIZE.

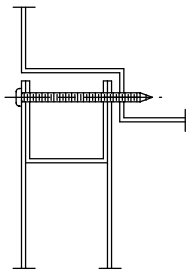




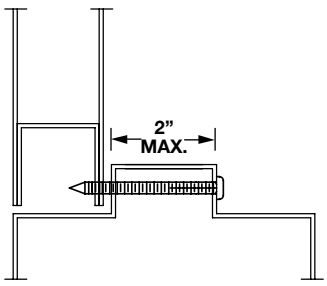
FIXED PANEL INSTALLATION OPTIONS



A
STANDARD



B
OPTIONAL



SEE FRAME SECTION: REMOVABLE PANEL DETAILS

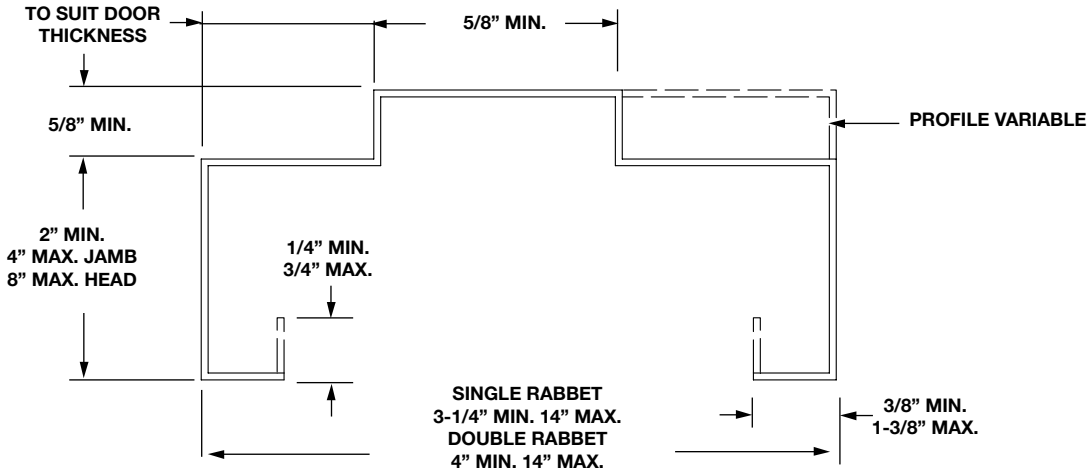
FOUR SIDED FIRE DOOR FRAME

180 MINUTE MAXIMUM RATING - MASONRY WALLS
90 MINUTE MAXIMUM RATING - DRYWALL WALLS

MAXIMUM OPENING SIZE:
SINGLE:
4’0” W X 10’0” H
PAIR:
8’0” W X 10’0” H

WALL CONSTRUCTION:
MASONRY
DRYWALL

FRAME CONSTRUCTION:
FACE WELD
CONTINUOUS WELD

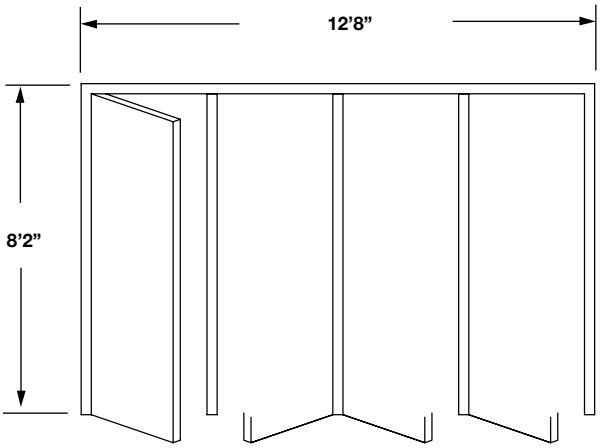


NOTES:
1) *FOR OPENINGS OVER 48” WIDE THE SILL MUST BE FITTED WITH A MULLION BASE ANCHOR AT ITS MIDPOINT.*
2) *FOR USE WITH DOORS ONLY.*
3) *3-1/4” TO 4” JAMB DEPTH 1-3/8” DOOR ONLY.*
4) *ANY LISTED WELD IN OR SLIP-IN MASONRY OR DRYWALL ANCHOR MAY BE USED IN THIS FRAME. (COMPRESSION ANCHOR NOT ALLOWED)*

MULTIPLE OPENING FRAMES

90 MINUTE MAXIMUM FIRE RATING.
ELEVATION/SECTIONS

FRAME AND DOOR CONFIGURATION MAY VARY



NOTES:

1) MAX. FOUR DOORS IN ANY COMBINATION OF SINGLE SWING, PAIRS, OR DOUBLE EGRESS PAIRS.

2) CURRIES MODEL 707.

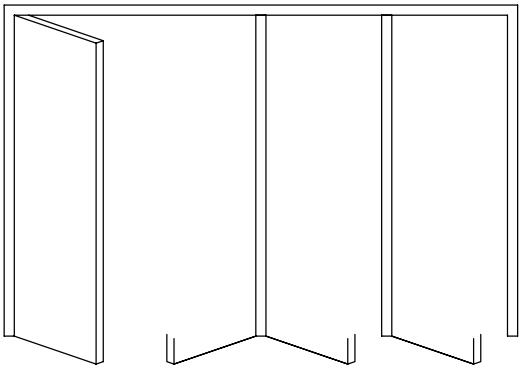
3) 3/4" LATCH BOLT THROW IS REQUIRED.

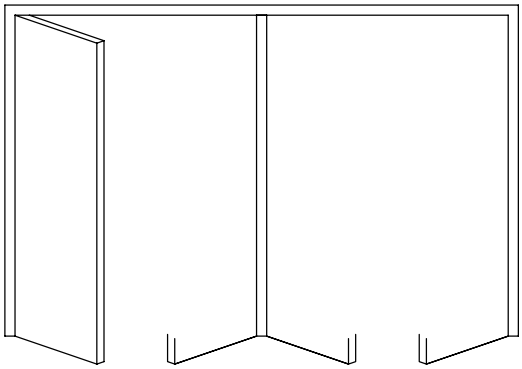
4) CYLINDRICAL, MORTISE, OR FIRE EXIT HARDWARE IS ACCEPTABLE.

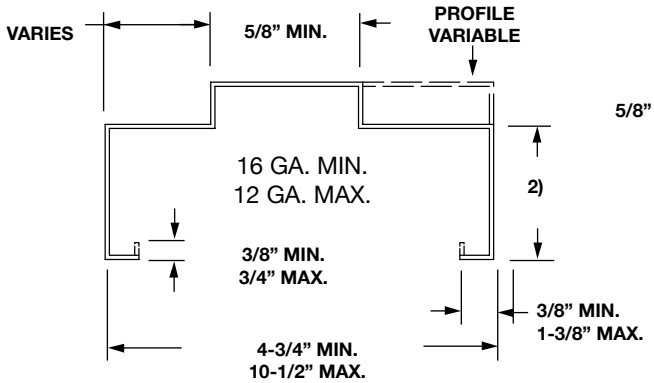
5) WELDED CONSTRUCTION ONLY.

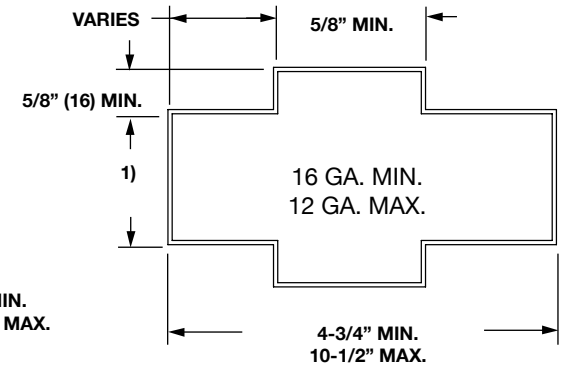
6) ANY LISTED WELD IN OR SLIP-IN DRYWALL OR MASONRY ANCHOR MAY BE USED IN THIS FRAME.

7) MAY BE PROVIDED AS A FOUR SIDED FRAME, REFER TO SILL ANCHOR REQUIREMENTS, SILL MUST BUTT BETWEEN VERTICAL FRAME MEMBERS.









HEAD AND JAMB SECTION

1) 2" MIN.
4" MAX.

2) 2" MIN.
2" MAX. HEAD
4" MAX. JAMB

TRANSOM/SIDELIGHT FRAME

FIRE CERTIFICATION

UL LISTING MASONRY WALLS ONLY WITH UNDERWRITERS LABORATORY (UL)

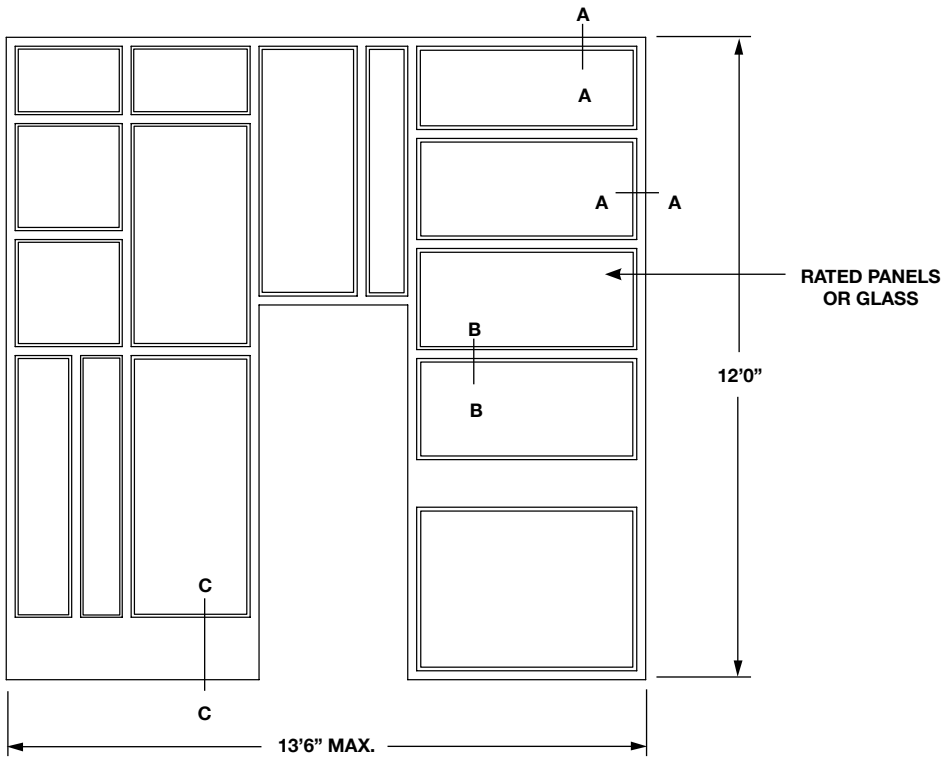
WH LISTING DRYWALL AND MASONRY WALLS WITH WARNOCK HERSEY (WH)

20, 45, 60 AND 90 MINUTE RATINGS ELEVATION/SECTION DETAILS

SINGLE DOOR:
4'0" X 10'0"

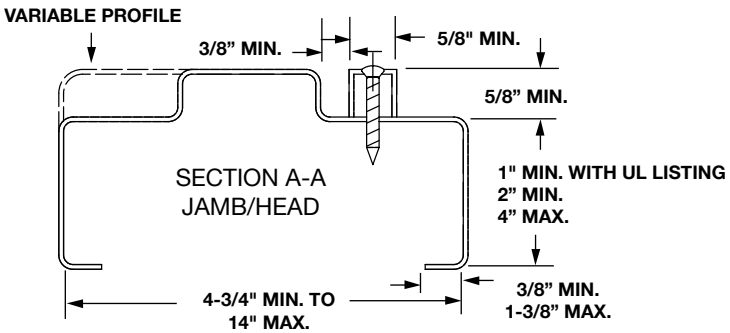
PAIRED DOOR:
8'0" X 10'0"

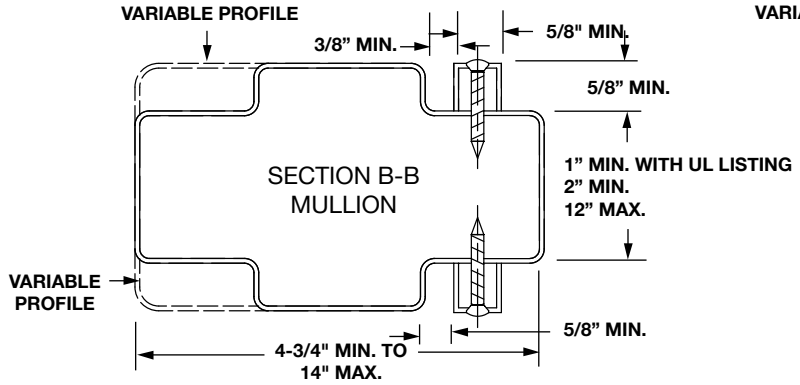
DOUBLE EGRESS:
8'0" X 10'0"
UL ONLY

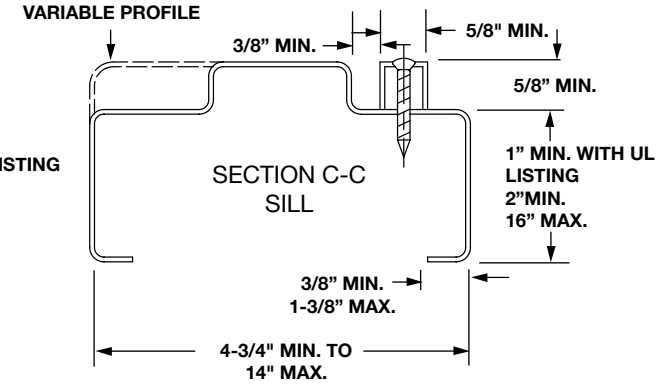


GENERAL NOTES:

- *WELDED CORNER CONSTRUCTION REQUIRED*
- *COLD ROLLED AND GALVANIZED STEEL*
- *16 GA. MIN. TO 12 GA. MAX.*







TRANSOM/SIDELIGHT FRAME (DRYWALL WALLS ONLY)

FIRE CERTIFICATION

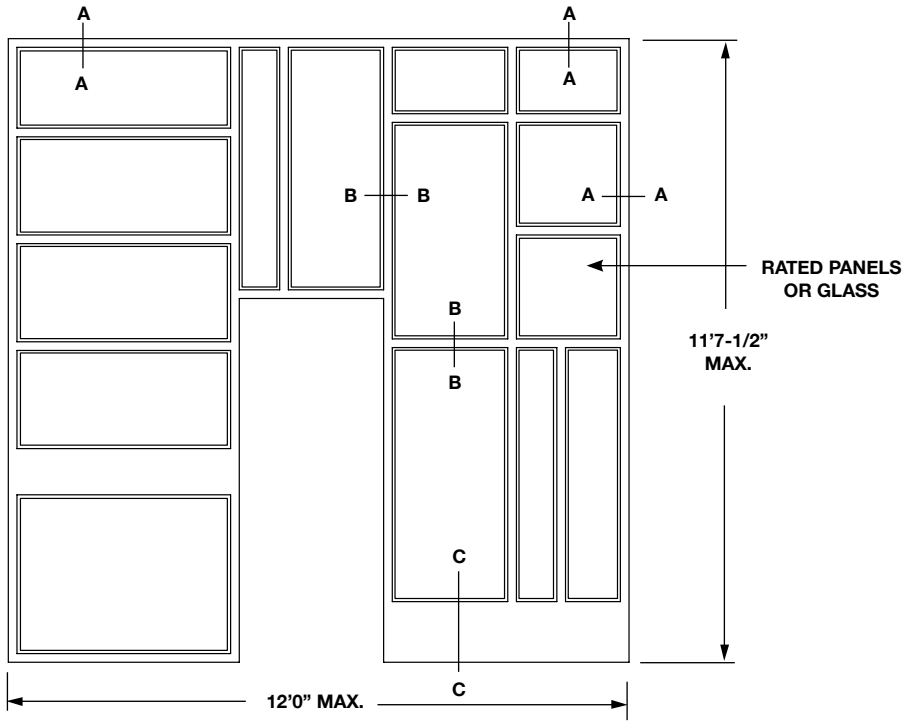
UL LISTING

20, 45, 60 AND 90 MINUTE RATINGS ELEVATION/SECTION DETAILS

SINGLE DOOR:
4'0" X 10'0"

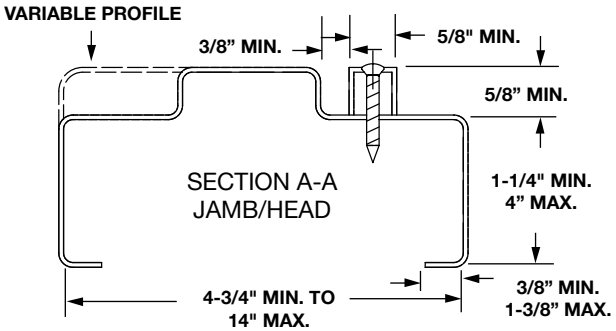
PAIRED DOOR:
8'0" X 10'0"

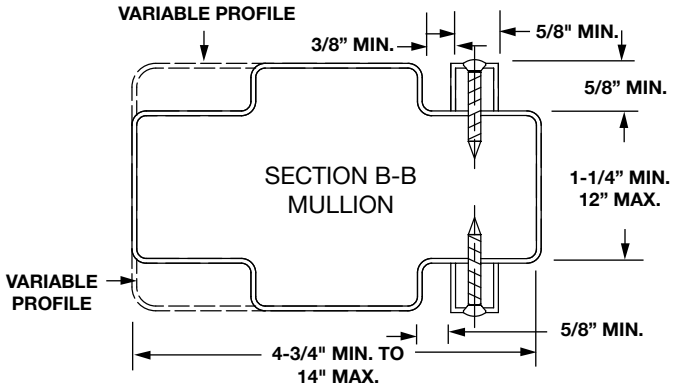
DOUBLE EGRESS:
8'0" X 10'0"

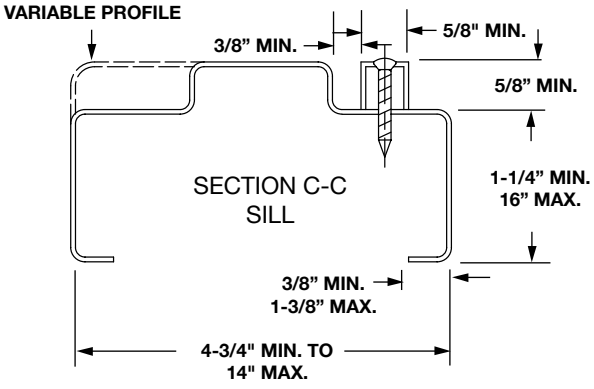


GENERAL NOTES:

- *WELDED CORNER CONSTRUCTION REQUIRED*
- *COLD ROLLED AND GALVANIZED STEEL*
- *16 GA. MIN. TO 12 GA. MAX.*







HALF/SIDELIGHT FRAME (MASONRY WALLS ONLY)

FIRE CERTIFICATION

UL LISTING

20, 45, 60 AND 90 MINUTE MAXIMUM RATINGS IN MASONRY ELEVATION/SECTION DETAILS

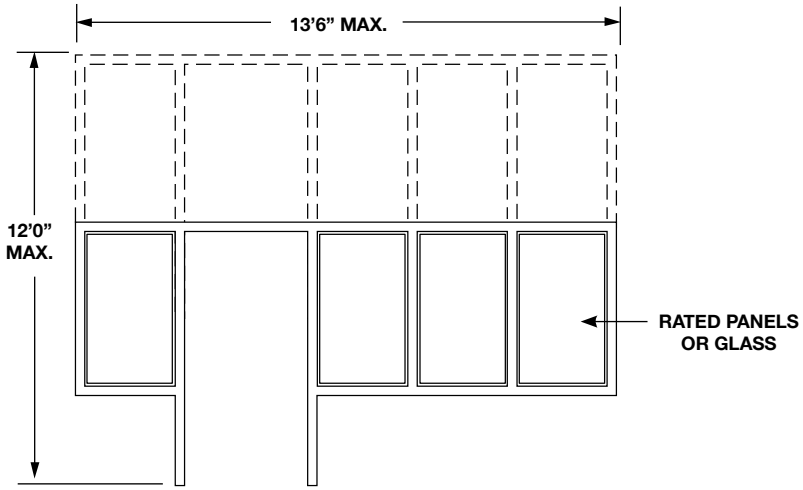
SINGLE DOOR:
4'0" X 10'0"

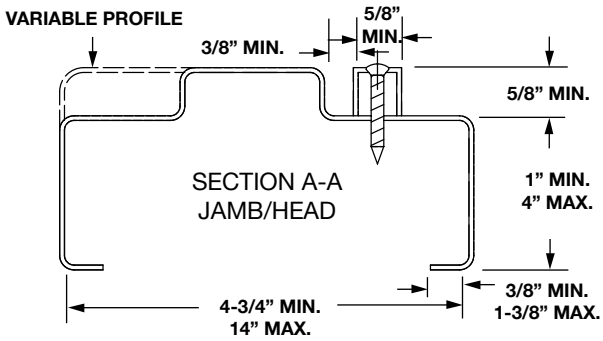
PAIRED DOOR:
8'0" X 10'0"

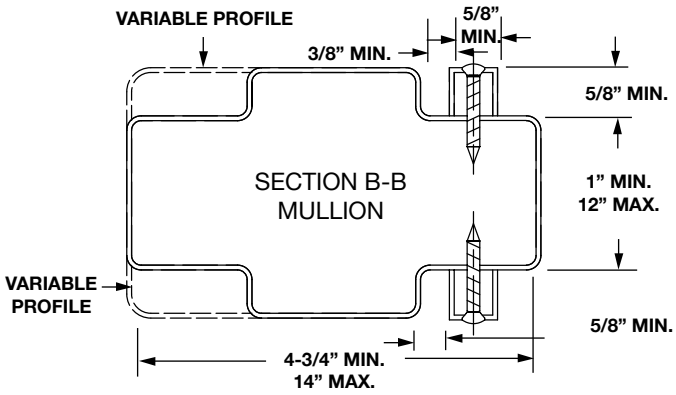
DOUBLE EGRESS:
8'0" X 10'0"

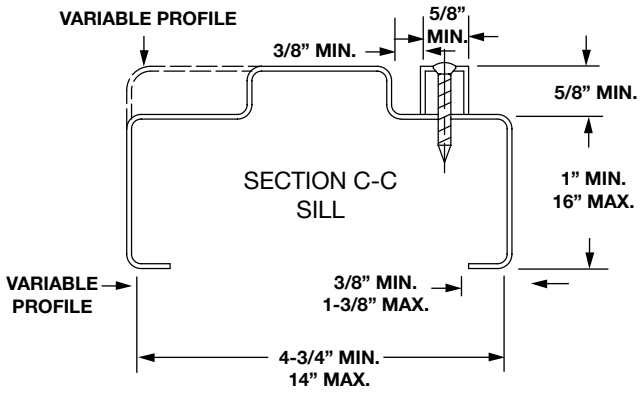
GENERAL NOTES:

- WELDED CORNER CONSTRUCTION REQUIRED
- COLD ROLLED AND GALVANIZED STEEL
- 16 GA. MIN. TO 12 GA. MAX.









HALF/SIDELIGHT FRAME (DRYWALL WALLS ONLY)

FIRE CERTIFICATION

UL LISTING

20, 45, 60 AND 90 MINUTE MAXIMUM RATINGS IN DRYWALL ELEVATION/SECTION DETAILS

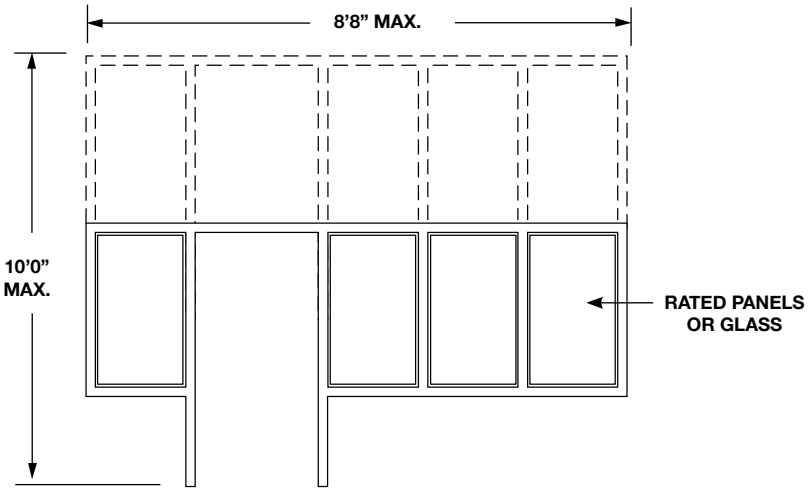
SINGLE DOOR:
4'0" X 10'0"

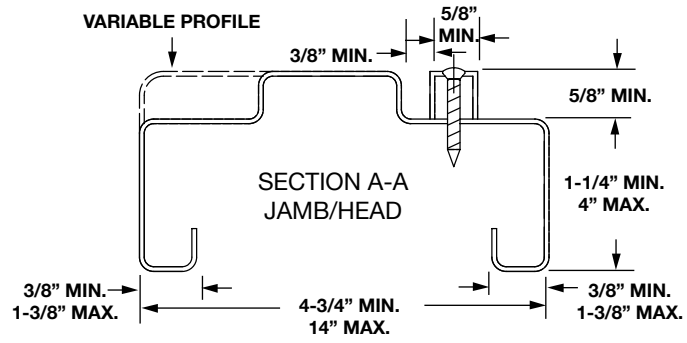
PAIRED DOOR:
8'0" X 10'0"

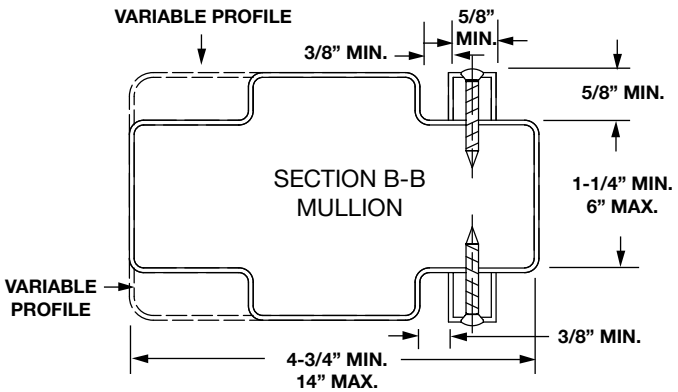
DOUBLE EGRESS:
8'0" X 10'0"

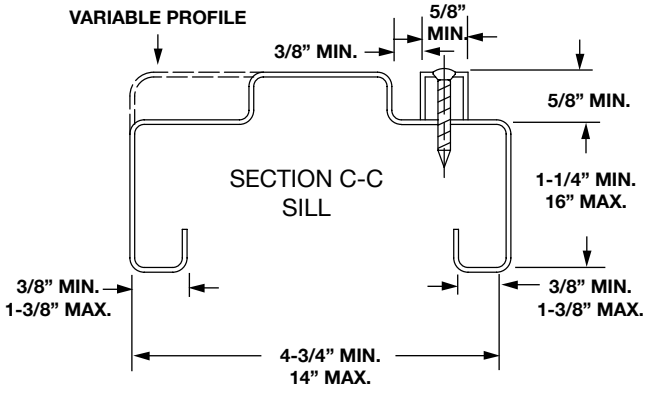
GENERAL NOTES:

- WELDED CORNER CONSTRUCTION REQUIRED
- COLD ROLLED AND GALVANIZED STEEL
- 16 GA. MIN. TO 12 GA. MAX.



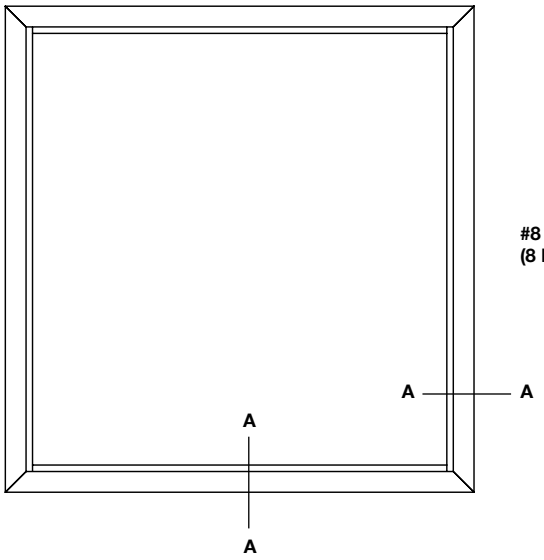


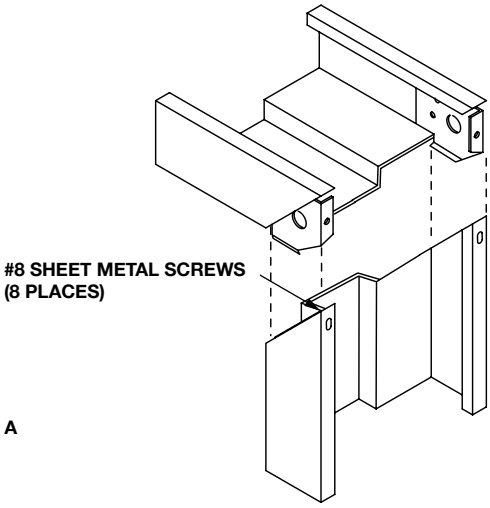


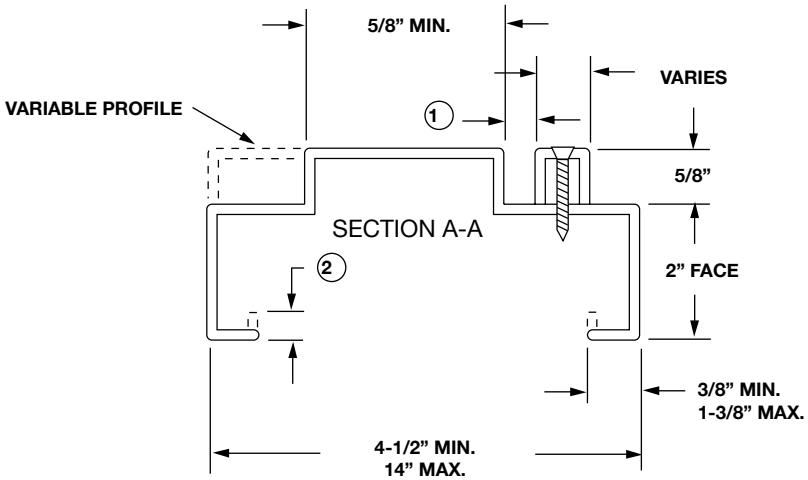


KD FIRE WINDOW FRAME (20 MIN. WITHOUT HOSE STREAM)

Ⓛ







GENERAL NOTES:

① *3/8" MIN. GLASS POCKET*

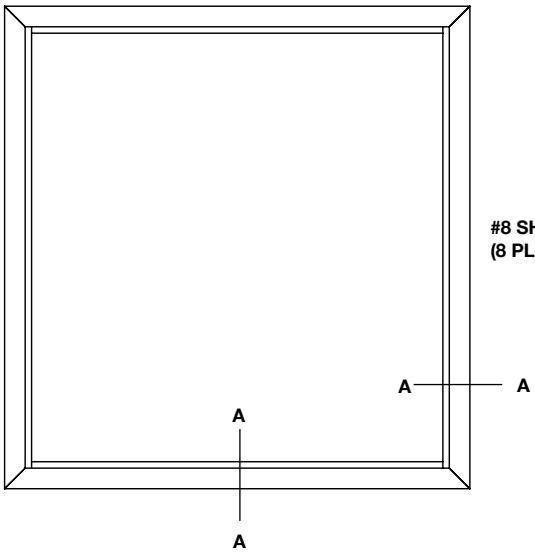
② *3/8" MIN. 3/4" MAX.*

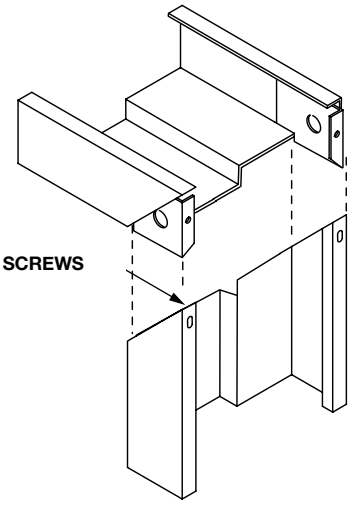
SPECIFICATIONS:

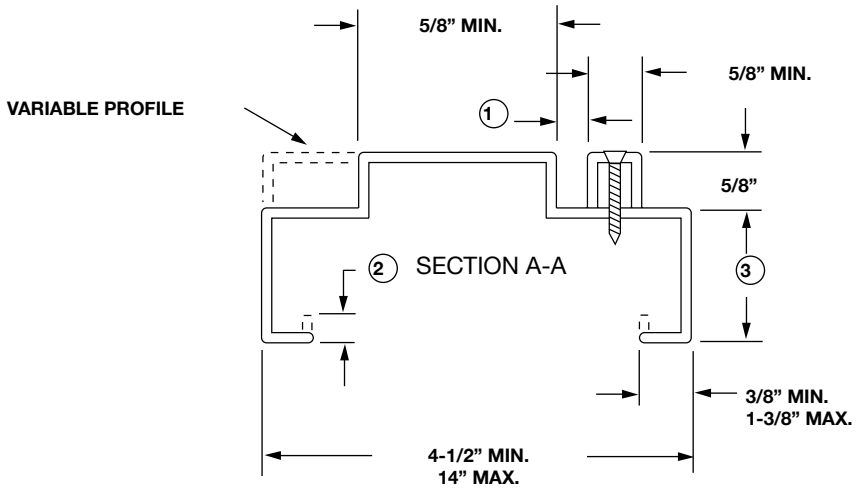
- SIZE: MAX. INDIVIDUAL VISIBLE GLASS SIZE IS 109-3/4" WIDE AND 109-3/4" HIGH, NOT TO EXCEED 5268 SQ. INCHES.
- POCKET DEPTH: 5/8" MIN.
- WALL CONSTRUCTION: DRYWALL
- FRAME CONSTRUCTION: KD
- ANCHORS: FIRE WINDOW FRAME SHALL BE PROVIDED WITH LABEL APPROVED DRYWALL ANCHORS. IF COMPRESSION TYPE ANCHORS ARE USED THEY SHALL BE INSTALLED IN THE SILL AND HEAD MEMBERS.
- MATERIAL: COLD ROLLED OR GALVANIZED STEEL
- GAUGE: 16 GA. MIN., 14 GA. MAX.
- GLASS STOP SCREWS: NO. 8 SHEET METAL SCREWS SPACED 2" FROM EACH END AND 12" ON CENTER.

KD FIRE WINDOW 3/4 HOUR FRAME

Ⓛ







GENERAL NOTES:

① *3/8" MIN. GLASS POCKET*

② *3/8" MIN. 3/4" MAX.*

③ *1-1/2" 1-3/4" AND 2" FACES ONLY*

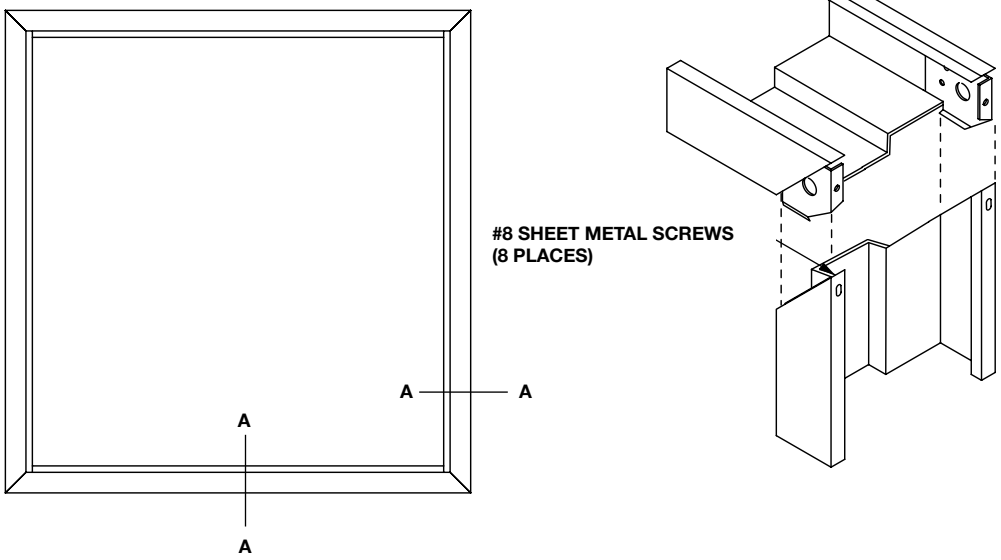
SPECIFICATIONS:

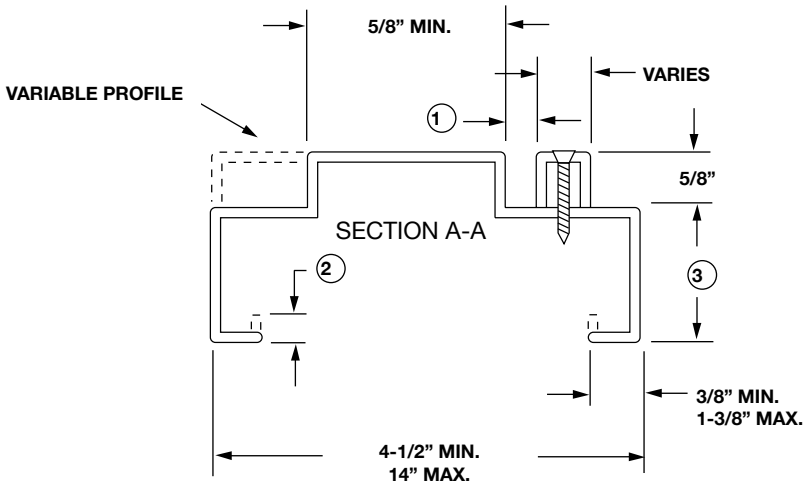
- WALL CONSTRUCTION: DRYWALL
- FRAME CONSTRUCTION: KD
- ANCHORS: FIRE WINDOW FRAME SHALL BE PROVIDED WITH LABEL APPROVED DRYWALL ANCHORS. IF COMPRESSION TYPE ANCHORS ARE USED THEY SHALL BE INSTALLED IN THE SILL AND HEAD MEMBERS.
- MATERIAL: COLD ROLLED OR GALVANIZED STEEL
- GAUGE: 16 GAUGE MIN., 14 GA. MAX.
- GLASS STOP SCREWS: NO. 8 SHEET METAL SCREWS SPACED 2" FROM EACH END AND 12" ON CENTER.
- MUST USE NORTON NORSEAL TAPE V980 OR 100% SILICON.

MAX. AREA EXPOSED GLASS SQ. IN. IN.	MAX. WIDTH IN.	MAX. HEIGHT IN.	MIN. DEPTH OF POCKET
1296	54	54	5/8

KD FIRE WINDOW FRAME (1 HR. FIRE RATED FRAME WITH "FIRELITE" GLASS)

Ⓛ





GENERAL NOTES:

1. *3/8" MIN. GLASS POCKET*
2. *3/8" MIN. 3/4" MAX.*
3. *1-1/2" 1-3/4" AND 2" FACES ONLY*

SPECIFICATIONS:

- SIZE: MAX. INDIVIDUAL VISIBLE GLASS SIZE IS 54" WIDE AND 77-3/4" HIGH, NOT TO EXCEED 2721 SQ. INCHES.
- POCKET DEPTH: 5/8" MIN.
- WALL CONSTRUCTION: DRYWALL
- FRAME CONSTRUCTION: KD
- ANCHORS: FIRE WINDOW FRAME SHALL BE PROVIDED WITH LABEL APPROVED DRYWALL ANCHORS. IF COMPRESSION TYPE ANCHORS ARE USED THEY SHALL BE INSTALLED IN THE SILL AND HEAD MEMBERS.
- MATERIAL: COLD ROLLED OR GALVANIZED STEEL
- GAUGE: 16 GA. MIN., 14 GA. MAX.
- GLASS STOP SCREWS: NO. 8 SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" ON CENTER.
- GLAZING MATERIAL: "FIRELITE" OR "FIRELITE PLUS" GLASS INSTALLED WITH EITHER 100% SILICON, DAP 33, OR METACAULK 990 GLAZING COMPOUND.
- MAY NOT BE USED FOR POSITIVE PRESSURE APPLICATIONS.

FIRE WINDOW FRAME (DRYWALL OR MASONRY WALLS)

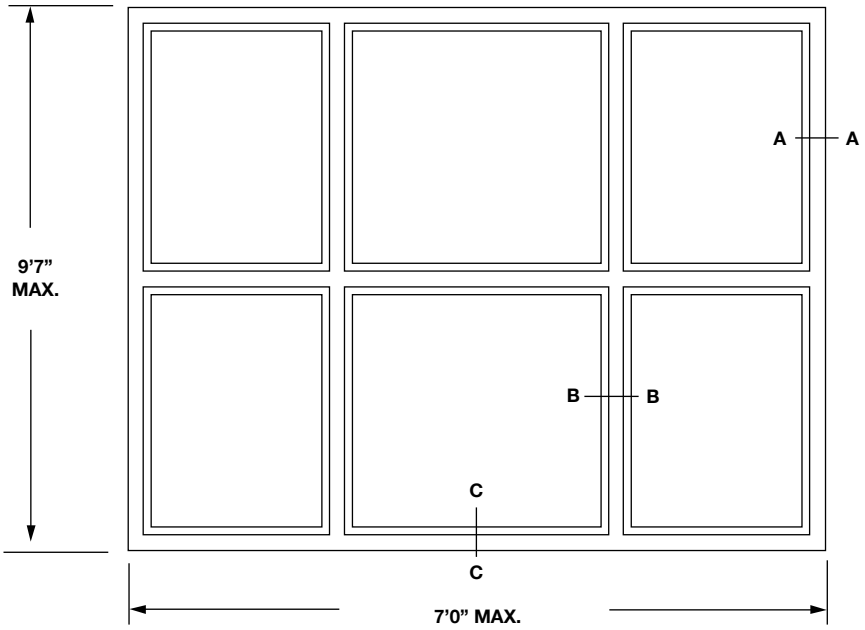
FIRE CERTIFICATION

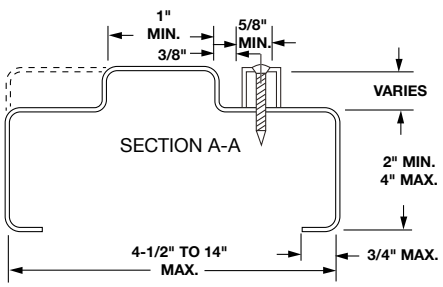
WH LISTING **DRYWALL OR MASONRY WALLS WITH WARNOCK HERSEY (WH)**

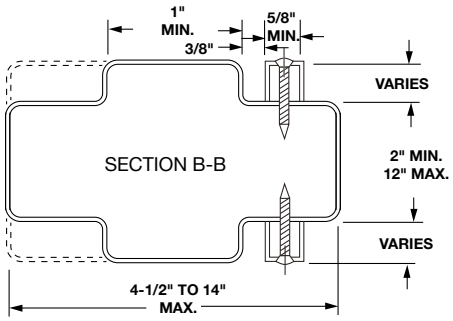
20, 45, AND 60 MINUTE RATINGS IN DRYWALL OR MASONRY WALLS ELEVATION/SECTIONS DETAIL

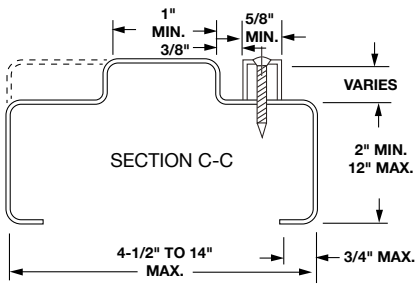
GENERAL NOTES:

- WELDED CORNER CONSTRUCTION ONLY
- COLD ROLLED, A40, A60 GALVANNEALED, OR G90 GALVANIZED STEEL
- 16 GA. MINIMUM TO 12 GA. MAXIMUM
- GLASS STOP SCREW SPACING; NO. 8 OVAL HEAD SHEET METAL SCREWS SPACED 2" FROM EACH END AND 12" ON CENTER
- WELDED OR SCREW APPLIED FIELD SPLICE IS ALLOWED
- IF FIRE WINDOW FRAME IS INSTALLED OVER A MASONRY OR DRYWALL WALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30" OF SILL LENGTH OR FRACTION THEREOF









FIRE WINDOW FRAME (MASONRY WALLS ONLY)

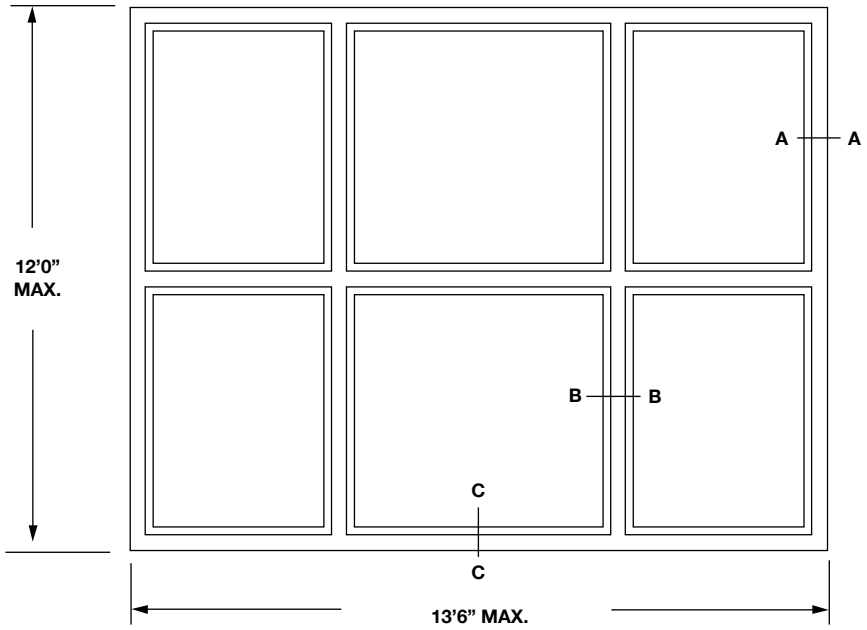
FIRE CERTIFICATION

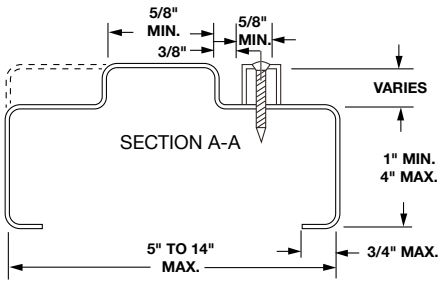
UL LISTING **MASONRY WALLS ONLY WITH UNDERWRITERS LABORATORY (UL)**

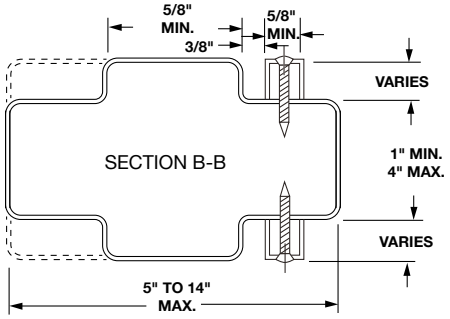
20, 45, 60, AND 90 MINUTE RATINGS IN MASONRY WALLS ONLY ELEVATION/SECTIONS DETAIL

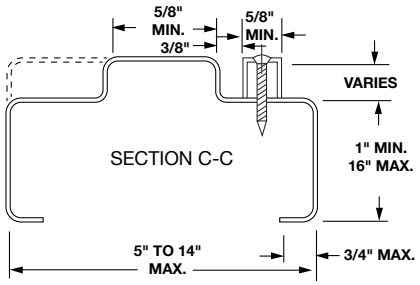
GENERAL NOTES:

- WELDED CORNER CONSTRUCTION ONLY
- COLD ROLLED AND A40, A60 GALVANNEALED, OR G90 GALVANIZED STEEL
- 16 GA. MINIMUM TO 12 GA. MAXIMUM
- GLASS STOP SCREW SPACING; NO. 8 OVAL HEAD SHEET METAL SCREWS SPACED 2" FROM EACH END AND 12" ON CENTER
- WELDED OR SCREW APPLIED FIELD SPLICE IS ALLOWED
- IF FIRE WINDOW FRAME IS INSTALLED OVER A MASONRY WALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30" OF SILL LENGTH OR FRACTION THEREOF









FIRE WINDOW FRAME (DRYWALL WALLS ONLY)

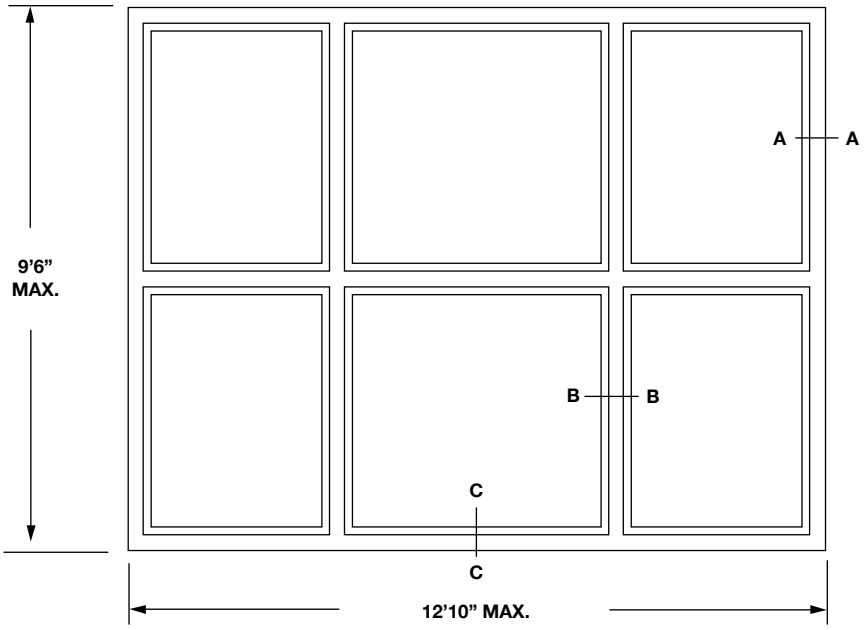
FIRE CERTIFICATION

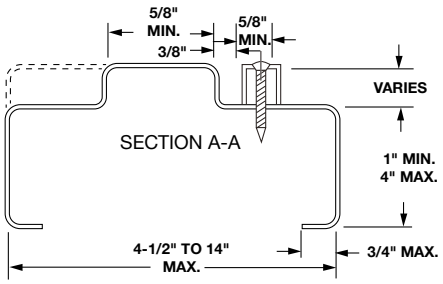
UL LISTING **DRYWALL WALLS ONLY WITH UNDERWRITERS LABORATORY (UL)**

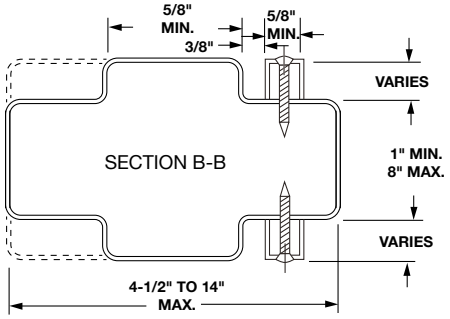
20, 45, 60, OR 90 MINUTE RATINGS IN DRYWALL WALLS ONLY ELEVATION/SECTIONS DETAIL

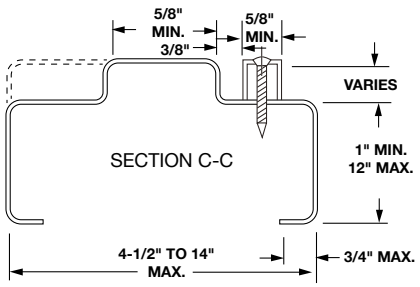
GENERAL NOTES:

- WELDED CORNER CONSTRUCTION ONLY
- COLD ROLLED AND A40, A60 GALVANNEALED, OR G90 GALVANIZED STEEL
- 16 GA. MINIMUM TO 12 GA. MAXIMUM
- GLASS STOP SCREW SPACING; NO. 8 OVAL HEAD SHEET METAL SCREWS SPACED 2" FROM EACH END AND 12" ON CENTER
- WELDED OR SCREW APPLIED FIELD SPLICE IS ALLOWED
- IF FIRE WINDOW FRAME IS INSTALLED OVER A DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30" OF SILL LENGTH OR FRACTION THEREOF









FIRE WINDOW FRAME (DRYWALL WALLS WITH MASONRY NON-COMBUSTIBLE SILL)

FIRE CERTIFICATION

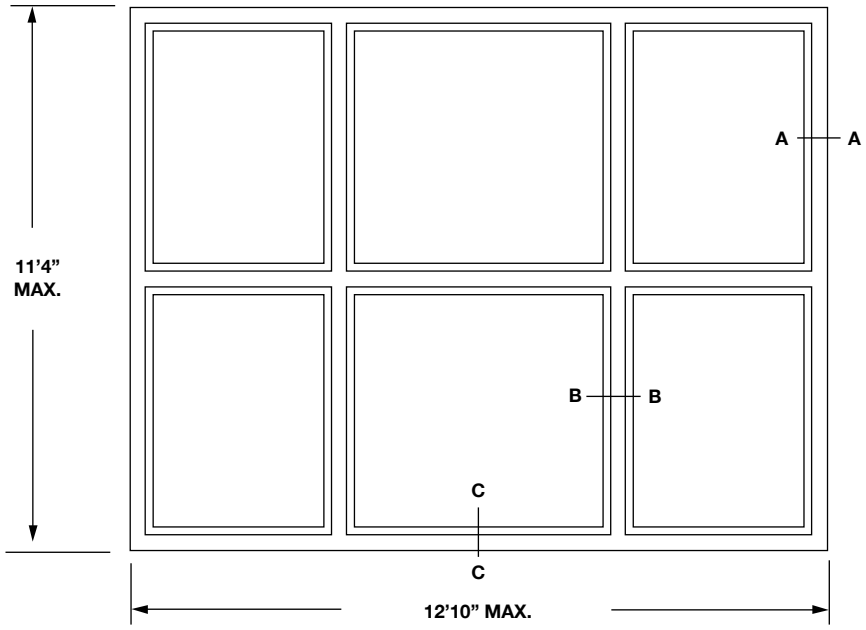
UL LISTING

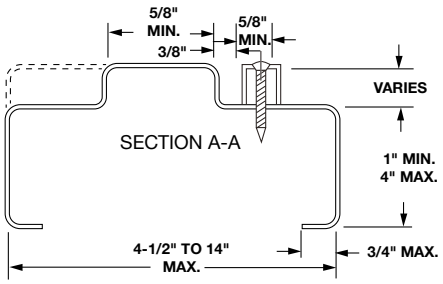
DRYWALL WALLS WITH MASONRY NON-COMBUSTIBLE SILL ONLY WITH UNDERWRITERS LABORATORY (UL)

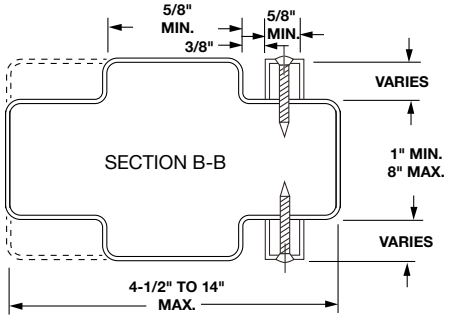
20, 45, 60, OR 90 MINUTE RATINGS IN DRYWALL WALLS WITH MASONRY NON-COMBUSTIBLE SILL ONLY
ELEVATION/SECTIONS DETAIL

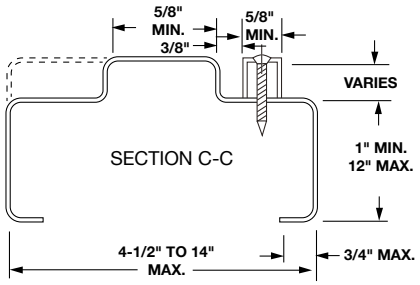
GENERAL NOTES:

- WELDED CORNER CONSTRUCTION ONLY
- COLD ROLLED AND A40, A60 GALVANNEALED, OR G90 GALVANIZED STEEL
- 16 GA. MINIMUM TO 12 GA. MAXIMUM
- GLASS STOP SCREW SPACING; NO. 8 OVAL HEAD SHEET METAL SCREWS SPACED 2" FROM EACH END AND 12" ON CENTER
- WELDED OR SCREW APPLIED FIELD SPLICE IS ALLOWED
- IF FIRE WINDOW FRAME IS INSTALLED OVER A MASONRY NON-COMBUSTIBLE WALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30" OF SILL LENGTH OR FRACTION THEREOF



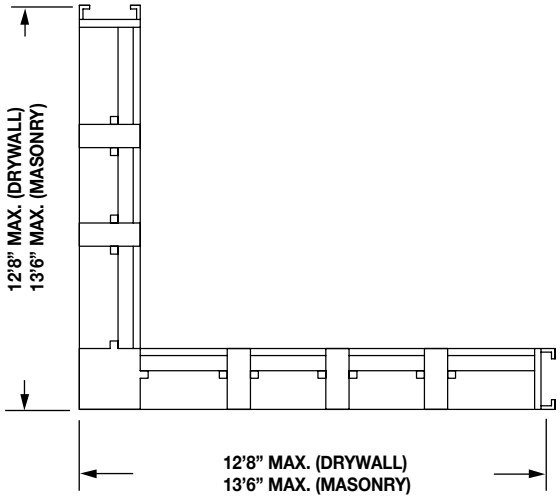


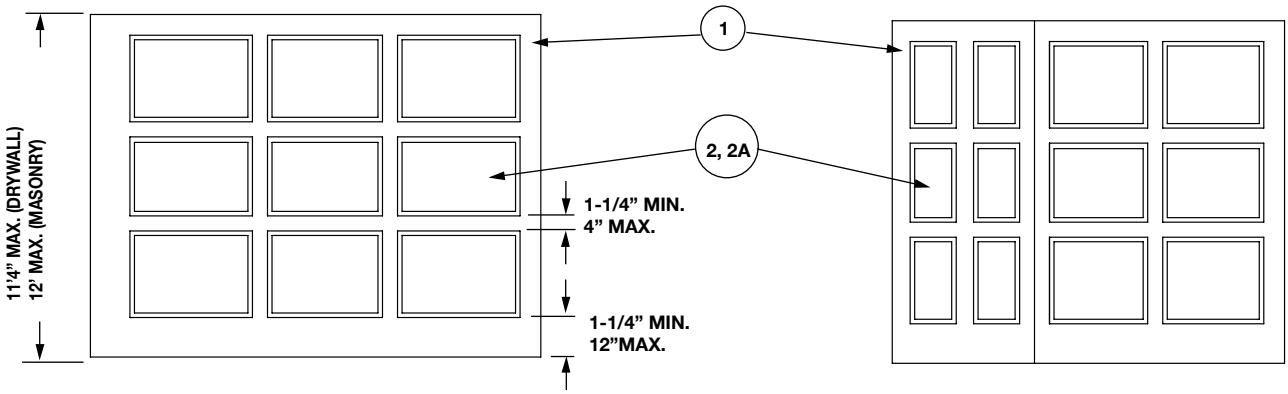




FIRE WINDOW FRAME BOW WINDOW

ASSEMBLY NO. WA-3-01
FIRE RATINGS - 60 MINUTE MAXIMUM
MEETS THE CRITERIA OF STANDARD UL 9 (2000) AND UBC STANDARD 7-4, (1997)
U.L. RATED ONLY

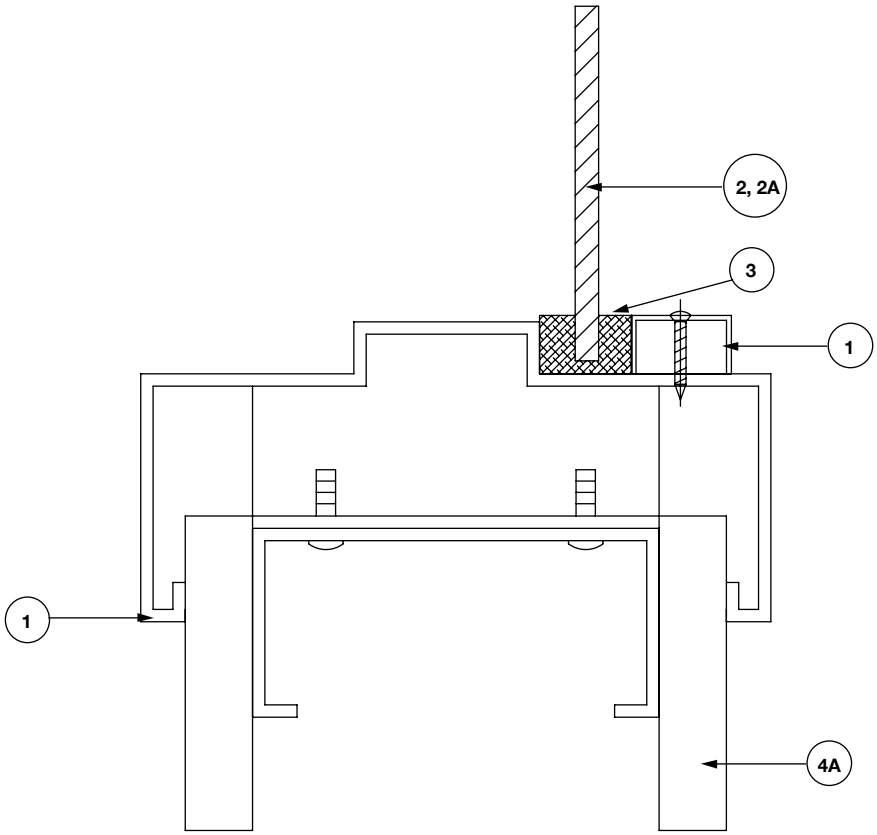




90˚ CORNER

ANGLED CORNER

FIRE WINDOW FRAME BOW WINDOW



CROSS SECTION

1. FIRE WINDOW FRAME + THE FRAME IS TO BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDED INSTALLATION PRACTICES PRESENTED IN NFPA 80, “FIRE-RATED HOLLOW METAL DOORS AND WINDOWS,” AND NAAMM STANDARD 850-00, “FIRE-RATED HOLLOW METAL DOORS AND FRAMES.” THE WINDOW FRAME MAY INCLUDE A DOOR FRAME THAT IS PART OF A FIRE RATED DOOR ASSEMBLY HAVING A MIN. 60 MINUTE RATING. THE BASIC FRAME CONSTRUCTION AND LIMITATIONS ARE AS FOLLOWS:

- OPENING SIZE-MAXIMUM WALL OPENING SIZE SHALL BE 152 IN. FOR GYPSUM WALLBOARD CONSTRUCTION AND 162 IN. FOR MASONRY CONSTRUCTION. FRAME PROJECTION FROM FACE OF WALL SHALL NOT EXCEED THE MAX. ALLOWABLE OPENING WIDTH.
- MULLION AND JAMB FACE DIMENSIONS 1-1/4 MIN. – 4 IN. MAX. SILL FACE DIMENSION 1-1/4 IN. MIN. - 12 IN. MAX.
- THE FRAME IS TO BE PROVIDED WITH ANCHORS SUITABLE FOR THE WALL CONDITIONS IN ACCORDANCE WITH NAAMM STANDARD 850-00.
- THE INSIDE ANGLE BETWEEN FRAME SEGMENTS MAY VARY. INSIDE ANGLES OF 90˚ AND 135˚ ARE SHOWN IN THE ILL. FRAME CURVATURE TO BE CONTINUOUS OR SEGMENTED.
- SPLICES - THE FRAME MAY BE PROVIDED WITH SPLICES FOR SHIPMENT PURPOSES.

FIRE WINDOW FRAME BOW WINDOW

2) **GLAZING MATERIALS*** 1/4 IN. THICK WIRED GLASS. SEE GLAZING MATERIALS CATEGORY (KCMZ) FOR NAMES OF CLASSIFIED COMPANIES AND THE MAXIMUM SIZE OF GLAZING MATERIAL. GLAZING MATERIAL SHALL HAVE A MINIMUM RATING OF 3/4 HR.

2A) **GLAZING MATERIALS (ALTERNATE)*** AS AN ALTERNATE TO WIRED GLASS, THE FOLLOWING GLAZING MATERIALS MAY BE USED. SEE GLAZING MATERIALS (KCMZ) FOR THE MAXIMUM SIZE OF GLAZING MATERIAL. GLAZING MATERIAL SHALL HAVE A MINIMUM RATING OF 3/4 HR.
NIPPON ELECTRIC GLASS CO LTD - NON-WIRED 3/16 IN. FIRELITE, FIRELITE NT, 5/16 IN. THICK FIRELITE PLUS, FIRELITE IGU **MESTEK CO. ANEMOSTAT PRODUCTS** - NON-WIRED 3/16 IN. FIRELITE, FIRELITE NT, 5/16 IN. THICK FIRELITE PLUS, FIRELITE IGU **TECHNICAL GLASS PRODUCTS** - NON WIRED 3/16 IN. FIRELITE, FIRELITE NT, 5/16 IN. THICK FIRELITE PLUS, FIRELITE IGU

3) **GLAZING COMPOUND*** GLAZING COMPOUND SHALL COMPLETELY FILL THE GLAZING POCKET WITH A MIN. THICKNESS OF 1/16 IN.
BETWEEN THE GLAZING AND THE FRAME. SEE GLAZING MATERIALS CATEGORY (KCMZ) FOR NAMES OF GLAZING COMPOUNDS TO BE USED WITH GLAZING MATERIALS (ITEM 2).

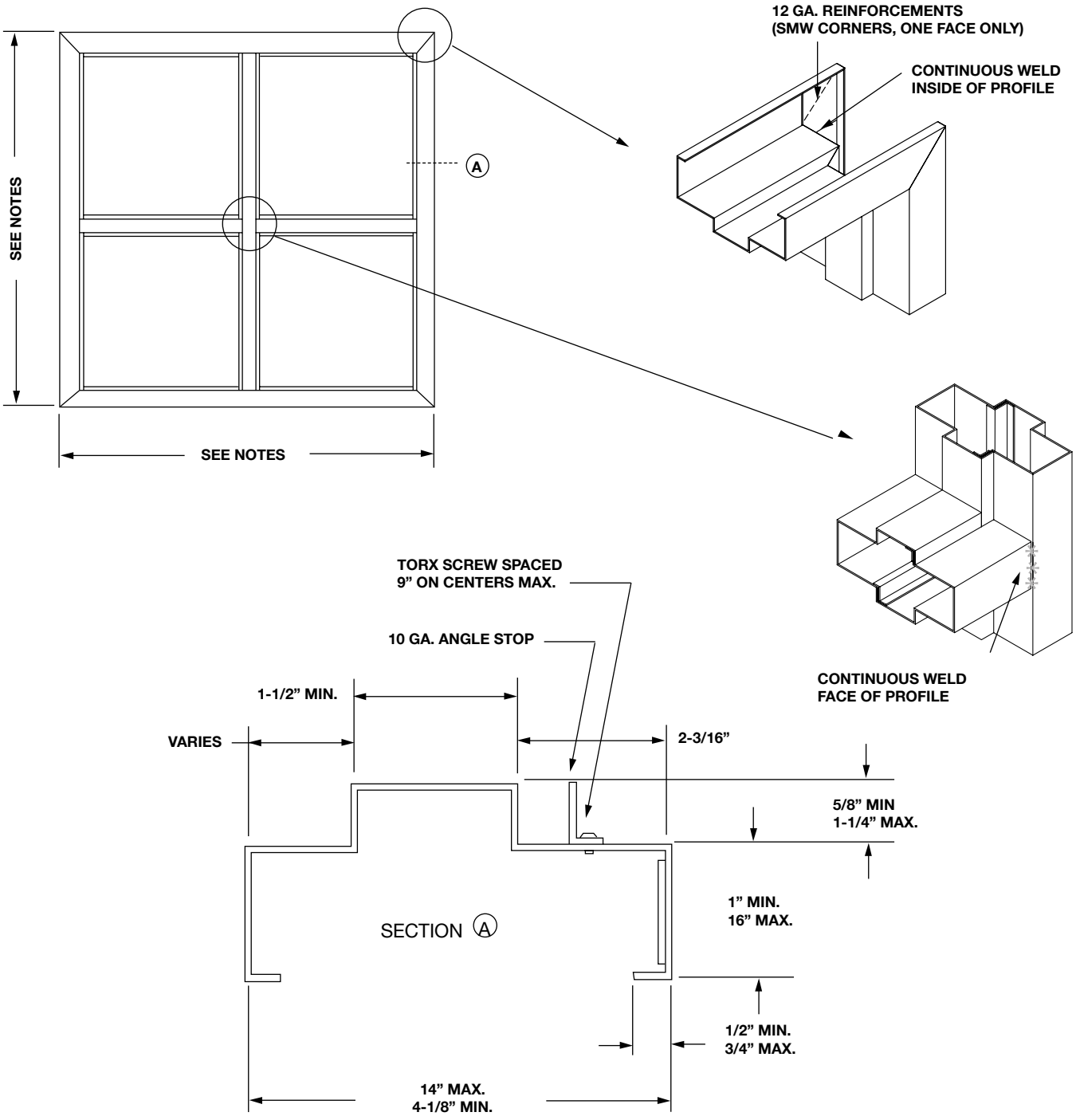
4) **WALL CONSTRUCTION** MASONRY OR DRYWALL CONSTRUCTION (STEEL STUD GYPSUM WALLBOARD WALL SHOWN).

A) **GYPSUM WALLBOARD** THE ONE HOUR MINIMUM FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY. THE FIRE WINDOW FRAME IS ANCHORED TO THE STEEL STUDS OR WOOD STUDS USING THE APPROPRIATE ANCHORS SHIPPED WITH THE FRAME. WHERE FRAME IS ADJACENT TO GYPSUM WALL BOARD ASSEMBLY, THE OPENING IS TO BE FRAMED WITH DOUBLE STUDS. GYPSUM WALLBOARD TO BE INSERTED INTO THE FRAME THROAT 1/2 IN. MINIMUM.

B) **MASONRY** FRAME TO BE INSTALLED INTO MASONRY CONSTRUCTION (BRICK CONCRETE BLOCK) WITH A ONE-HOUR MINIMUM FIRE RATING USING MASONRY TYPE ANCHORS.

+BEARING THE UL LISTING MARK.
*BEARING THE UL CLASSIFICATION MARK.

UL752 LEVEL 3 BULLET RESISTANT WINDOW FRAMES



NOTES:

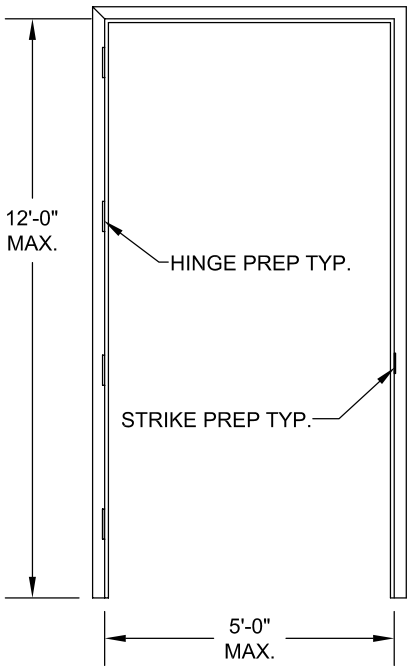
1. *MAX. WINDOW OPENINGS: PER GLASS MANUFACTURER'S LIMITS.*
2. *GAUGE: 12 GA. ONLY.*
3. *WALL CONSTRUCTION: MASONRY ONLY.*
4. *FRAME CONSTRUCTION: SAW BUTT WELD (SBW) OR SAW MITER WELD (SMW) ONLY.*
5. *MASONRY ANCHORS ONLY.*

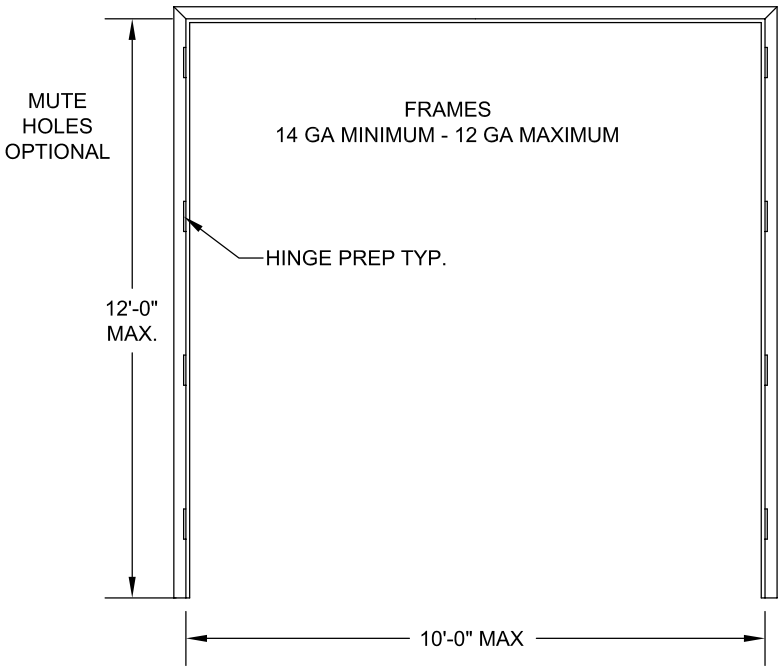
OVERSIZED FIRE DOOR (UL)

90 MINUTE MAXIMUM RATING 5’0” X 12’0” SINGLES 10’0” X 12’0” PAIRS NO DOUBLE EGERESS ALLOWED UL LISTING ONLY	
DOOR TYPE	747T ONLY
DOOR GAUGE	16 GA. OR 14 GA.
FACE TYPE	FLUSH OR GLAZED USING ANY UL CLASSIFIED GLAZING MATERIAL CLASSIFIED FOR USE IN HOLLOW METAL FIRE DOORS
RIB GAUGE	22 GA. OR 20 GA.
RIB SPACING	6” ON CENTER MAX.
HINGE CHANNEL	12 GA.
LOCK CHANNEL	14 GA.
EDGE WELDING	CONTINUOUS EDGE WELDING REQUIRED
END CHANNEL	14 GA.
TOP CAP (REQUIRED)	16 GA. SCREW APPLIED OR WELDED
HARDWARE	
HINGES	FULL MORTISE HINGES MEETING REQUIREMENTS OF BHMA A156.1 AMERICAN NATIONAL STANDARD FOR BUTTS AND HINGES FOR STANDARD WEIGHT, GRADE 1 HINGES. FIVE HINGES REQUIRED FOR DOORS OVER 10’ TALL.
ACTIVE DOOR	MORTISE LOCK WITH 3/4 IN. MINIMUM THROW MUST BE USED. MORTISE LOCK MUST BE UL LISTED FOR USE ON A 4’0” X 10’0” 90 MINUTE FIRE RATED HOLLOW METAL DOOR TO BE USED ON DOORS UP TO AND INCLUDING 5’0” X 12’0”. 10 GAUGE TABE REQUIRED. AUXILIARY LATCHES FOR SINGLES GREATER THAN 4’0” WIDE, PAIRS GREATER THAN 8’0” WIDE OR THE HEIGHT EXCEEDS 10’0” UL LISTED AUXILIARY FIRE LATCH; MORTISE TYPE FUSIBLE LINK “POPPER” INSTALLED IN THE TOP OF THE ACTIVE LEAF AT THE LOCK STILE, ENGAGING INTO THE FRAME HEAD DOOR RABBET. REINFORCE PER TEMPLATE.
INACTIVE DOOR	FLUSH OR SURFACE BOLTS, AUTOMATIC TYPE, MANUAL TYPE OR SELF-LATCHING WITH 3/4 IN. MINIMUM THROW MAY BE USED. BOLTS MUST BE UL LISTED FOR USE ON 4’0” X 10’0” 90 MIN. FIRE RATED HOLLOW METAL DOOR TO BE USED ON DOORS UP TO AND INCLUDING 5’0” X 12’0”. BOLTS WITH EXTENSIONS UP TO 60” LONG MAY BE USED. 10 GAUGE FLUSH BOLT AND E1 STRIKE TABS ARE REQUIRED. 12 GAUGE FLUSH BOLT TABS IN END CHANNELS REQUIRED.
CLOSER	DOORS MUST BE EQUIPPED WITH UL LISTED SWINGING DOOR CLOSERS. 12 GAUGE CLOSER REINFORCEMENT REQUIRED.
ASTRAGALS	DOOR PAIRS MUST BE EQUIPPED WITH A 1-1/2” X 12 GA. STEEL FLAT ASTRAGAL INSTALLED ON THE ACTIVE OR INACTIVE DOOR.

THREE SIDED FIRE DOOR FRAME (UL)

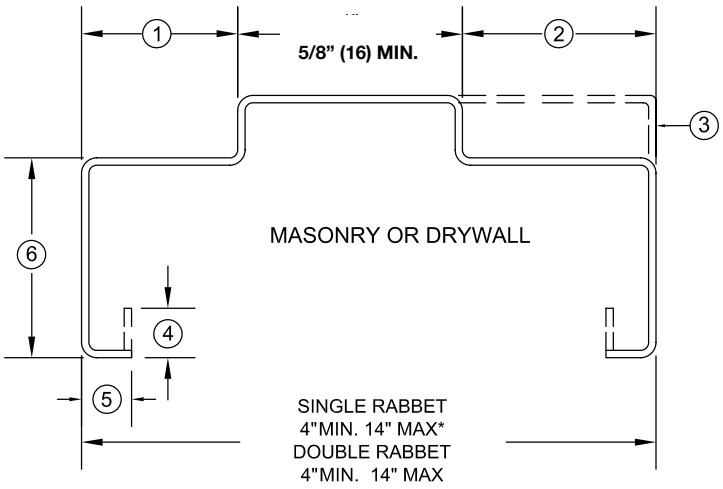
90 MINUTE MAXIMUM RATING
3 SIDED FRAMES
NO DOUBLE EGRESS ALLOWED
UL LISTING ONLY





GENERAL NOTES:

① TO SUIT DOOR THICKNESS
② VARIES
③ PROFILE VARIABLE
④ 3/8" MIN
3/4" MAX
⑤ 1/2" MIN
3/4" MAX
⑥ 1-1/2" MIN
4" MAX JAMB
4" MAX HEAD

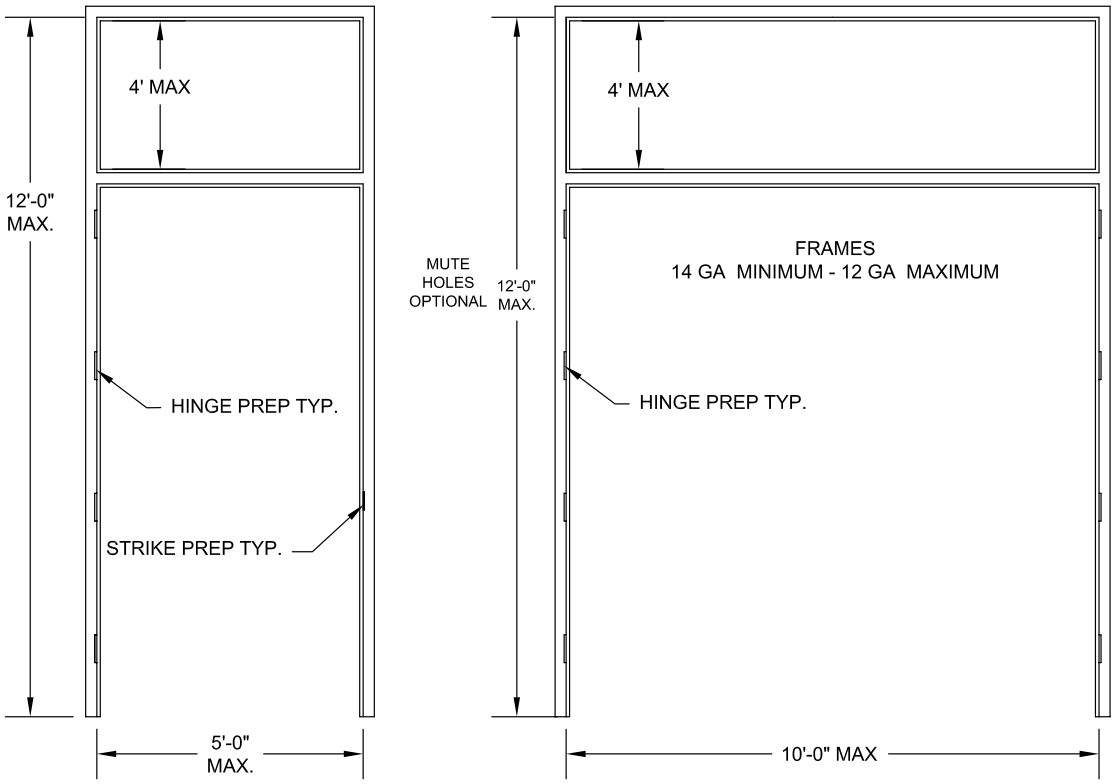


THREE SIDED FIRE DOOR FRAME (UL)

90 MINUTE MAXIMUM RATING 3 SIDED FRAMES NO DOUBLE EGERESS ALLOWED UL LISTING ONLY	
MAXIMUM FRAME SIZES	
MASONRY/ DRYWALL	SINGLE: 5’0” W X 12’0” H PAIRS: 10’0” W X 12’0” H
WALL CONSTRUCTION	MINIMUM 90 MIN. RATED DRYWALL OR MASONRY
FRAME CORNER CONSTRUCTION	FACE WELD, CONTINUOUS WELD, FIELD SPLICE INSTALLED IN ACCORDANCE WITH RECOMMENDED PRACTICES PRESENTED IN NFPA 80 AND NAAMM STANDARD HMMA 850-0.
ANCHORS	ANY LISTED MASONRY TYPE OR WELD-IN DRYWALL TYPE ANCHORS MAY BE USED IN THIS FRAME (COMPRESSION ANCHORS NOT ALLOWED).
MATERIAL	14 GA. MIN. 12 GA. MAX. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS - FOR DOOR LEAVES GREATER THAN 4’ WIDE OR 10’ TALL	
HINGES	FULL MORTISE HINGES MEETING REQUIREMENTS OF BHMA A156.1 AMERICAN NATIONAL STANDARD FOR BUTTS AND HINGES FOR STANDARD WEIGHT, GRADE 1 HINGES. FIVE HINGES REQUIRED FOR DOORS OVER 10’ TALL.
ACTIVE DOOR	SINGLE POINT, MORTISE TYPE ONLY
INACTIVE DOOR	FLUSH OR SURFACE BOLTS, AUTOMATIC TYPE, MANUAL TYPE OR SELF-LATCHING WITH 3/4 IN. MINIMUM THROW AUXILIARY LATCHES FOR SINGLES GREATER THAN 4’0” WIDE, PAIRS GREATER THAN 8’0” WIDE OR THE HEIGHT EXCEEDS 10’0” UL LISTED AUXILIARY FIRE LATCH; MORTISE TYPE FUSIBLE LINK “POPPER” INSTALLED IN THE TOP OF THE ACTIVE LEAF AT THE LOCK STILE, ENGAGING INTO THE FRAME HEAD DOOR RABBET. REINFORCE PER TEMPLATE.
CLOSER	12 GAUGE REINFORCEMENT REQUIRED
FLUSH BOLT	7 GA. MIN. REINFORCEMENT REQUIRED

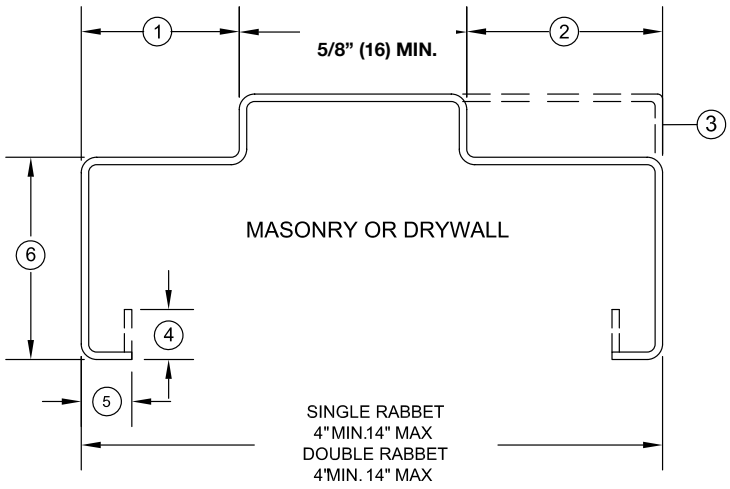
THREE SIDED FIRE DOOR FRAME WITH TRANSOM

90 MINUTE MAXIMUM RATING
3 SIDED FRAMES WITH TRANSOM
NO DOUBLE EGRESS ALLOWED
UL LISTING ONLY



GENERAL NOTES:

① TO SUIT DOOR THICKNESS
② VARIES
③ PROFILE VARIABLE
④ 3/8" MIN
3/4" MAX
⑤ 1/2" MIN
3/4" MAX
⑥ 1-1/2 " MIN
4" MAX JAMB
4" MAX HEAD



THREE SIDED FIRE DOOR FRAME WITH TRANSOM

90 MINUTE MAXIMUM RATING 3 SIDED FRAMES WITH TRANSOM NO DOUBLE EGERESS ALLOWED UL LISTING ONLY	
MAXIMUM FRAME SIZES	
MASONRY/ DRYWALL	SINGLE: 5'0" W X 12'0" H PAIRS: 10'0" W X 12'0" H
WALL CONSTRUCTION	MINIMUM 90 MIN. RATED DRYWALL OR MASONRY
FRAME CORNER CONSTRUCTION	FACE WELD, CONTINUOUS WELD, FIELD SPLICE INSTALLED IN ACCORDANCE WITH RECOMMENDED PRACTICES PRESENTED IN NFPA 80 AND NAAMM STANDARD HMMA 850-0.
TRANSOM PANEL	TO BE SUPPLIED WITH THE FRAME BY THE FRAME MANUFACTURER. TRANSOM PANEL MAX SIZE SINGLE 4'0" H X 5'0" W, PAIRS 4'0" H X 10' W.
TRANSOM LIGHT	TO BE GLAZED WITH GLAZING MATERIAL. UL CLASSIFIED FOR USE IN FIRE DOOR FRAMES WITH LIGHTS. THE MAXIMUM EXPOSED AREA PER INDIVIDUAL LIGHT, MAXIMUM EXPOSED AREAS, THE MINIMUM GROOVE DEPTH, GLAZING COMPOUND AND THE RATING SHALL BE AS INDICATED IN THE INDIVIDUAL GLAZING MANUFACTURER'S CLASSIFICATIONS. THE TRANSOM LIGHT SHALL NOT EXCEED 4 FT. IN HEIGHT.
ANCHORS	ANY LISTED MASONRY TYPE OR WELD-IN DRYWALL TYPE ANCHORS MAY BE USED IN THIS FRAME (COMPRESSION ANCHORS NOT ALLOWED).
MATERIAL	14 GA. MIN. 12 GA. MAX. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS - FOR DOOR LEAVES GREATER THAN 4' WIDE OR 10' TALL	
HINGES	FULL MORTISE HINGES MEETING REQUIREMENTS OF BHMA A156.1 AMERICAN NATIONAL STANDARD FOR BUTTS AND HINGES FOR STANDARD WEIGHT, GRADE 1 HINGES. FIVE HINGES REQUIRED FOR DOORS OVER 10' TALL.
ACTIVE DOOR	SINGLE POINT, MORTISE TYPE ONLY
INACTIVE DOOR	FLUSH OR SURFACE BOLTS, AUTOMATIC TYPE, MANUAL TYPE OR SELF-LATCHING WITH 3/4 IN. MINIMUM THROW AUXILISRY LATCHES FOR SINGLES GREATER THAN 4'0" WIDE AND PAIRS GREATER THAN 8'0" WIDE. UL LISTED AUZILIARY FIRE LATCH; MORTISE TYPE FUSIBLE LINK "POPPER" INSTALLED IN THE TOP OF THE ACTIVE LEAF AT THE LOCK STILE, ENGAGING INTO FRAME HEAD RABBET. REINFORCE PER TEMPLATE.
CLOSER	12 GAUGE REINFORCEMENT REQUIRED
FLUSH BOLT	7 GA. MIN. REINFORCEMENT REQUIRED

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OVERSIZE FIRE DOOR AND FRAME (WH)

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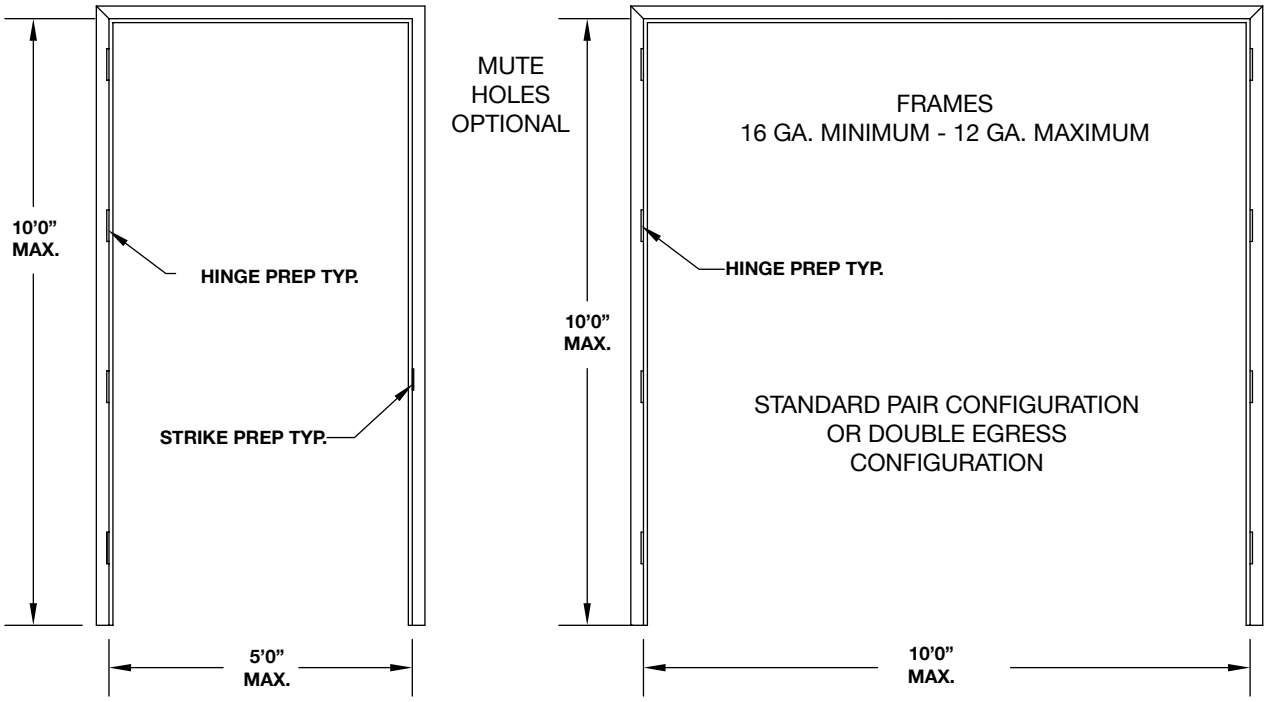
90 MINUTE MAXIMUM RATING 3 SIDED FRAMES DOUBLE EGERESS ALLOWED INTERTEK (WARNOCK HERSEY) LISTING ONLY	
MAXIMUM FRAME SIZES	
MASONRY/ DRYWALL	SINGLE: 5’0” W X 10’0” H PAIRS: 10’0” W X 10’0” H
WALL CONSTRUCTION	MAXIMUM 90 MIN. RATED DRYWALL OR MASONRY
FRAME CORNER CONSTRUCTION	FACE WELD, CONTINUOUS WELD, FIELD SPLICE INSTALLED IN ACCORDANCE WITH RECOMMENDED PRACTICES PRESENTED IN NFPA 80 AND NAAMM STANDARD HMMA 850-0.
ANCHORS	ANY LISTED MASONRY TYPE OR WELD IN DRYWALL TYPE ANCHORS MAY BE USED IN THIS FRAME (COMPRESSION ANCHORS NOT ALLOWED)
MATERIAL	16 GA. MIN. 12 GA. MAX. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS - ANY LABEL APPROVED HARDWARE MAY BE USED THAT IS RATED FOR USE UP TO 10’ IN HEIGHT	

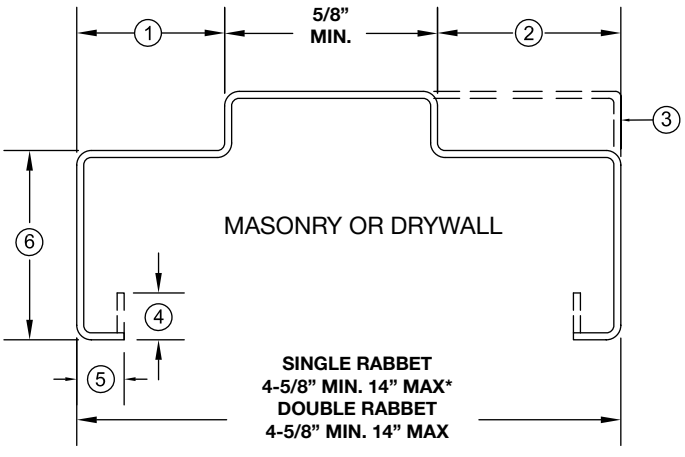
90 MINUTE MAXIMUM RATING 5’0” X 10’0” SINGLES 10’0” X 10’0” PAIRS INTERTEK (WARNOCK HERSEY) LISTING ONLY	
DOOR TYPE	747
DOOR GAUGE	16 GA. OR 14 GA. ON 747 DOOR, 16 GA. ONLY ON 747 TEMP. RISE DOOR
FACE TYPE	FLUSH OR GLAZED USING ANY WH CLASSIFIED GLAZING MATERIAL. CLASSIFIED FOR USE IN HOLLOW METAL FIRE DOORS.
RIB GAUGE	22 GA. OR 20 GA. ON 747 DOOR, 22 GA. ONLY ON 747 TEMP. RISE DOOR
RIB SPACING	6” ON CENTER MAX.
HINGE CHANNEL	12 GA.
LOCK CHANNEL	14 GA.
EDGE WELDING	S, N, OR T
END CHANNEL	16 GA.
HARDWARE - ANY LABEL APPROVED HARDWARE MAY BE USED THAT IS RATED FOR USE UP TO 10’ IN HEIGHT	

OVERSIZE FIRE DOOR AND FRAME (WH)

90 MINUTE MAXIMUM RATING
3 SIDED FRAMES
DOUBLE EGRESS ALLOWED
INTERTEK (WARNOCK HERSEY) LISTING ONLY

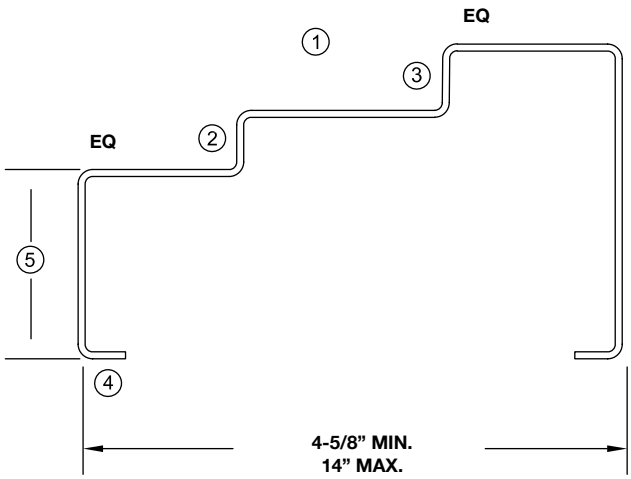


NOTE: 10'0" X 10'0" DOUBLE EGRESS FRAMES CAN ONLY BE LABELED TO 20 MINUTE MAXIMUM RATING. 8'0" X 10'0" MAXIMUM AT RATINGS ABOVE 20 MINUTE.



GENERAL NOTES:

① TO SUIT DOOR THICKNESS
② VARIES
③ PROFILE VARIABLE
④ 3/8" MIN.
*⑤ 3/4" MAX.**
⑤ 3/8" MIN.
⑤ 3/4" MAX.
⑥ 1-1/4" MIN.
⑥ 4" MAX. JAMB
⑥ 4" MAX. HEAD

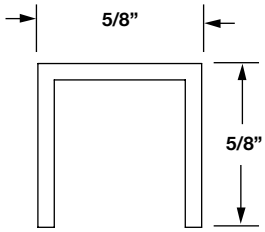


GENERAL NOTES:

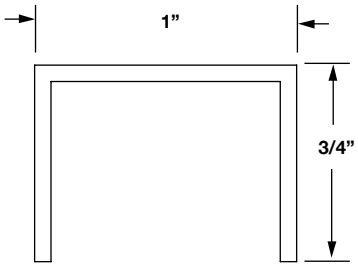
① TO SUIT DOOR THICKNESS
② PROFILE VARIABLE
③ PROFILE VARIABLE
④ 3/8" MIN. 3/4" MAX.
⑤ 1-3/8" MIN. 4" MAX.

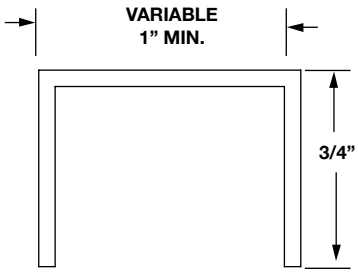
** LARGER THAN 3/8" MAY REQUIRE #5 DIMENSION TO INCREASE*

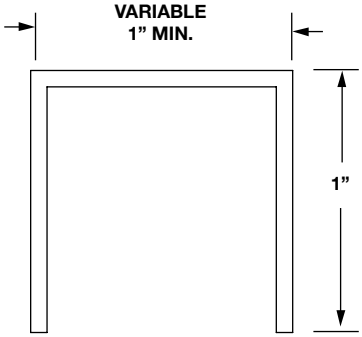
FIRE DOOR, TRANSOM/SIDELIGHT, AND WINDOW FRAME STOPS

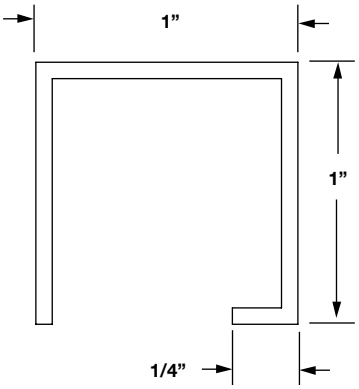


18 GA. MIN.
R.K., OR S.S.



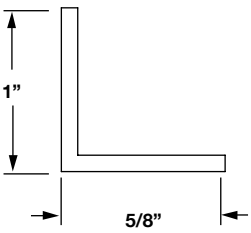






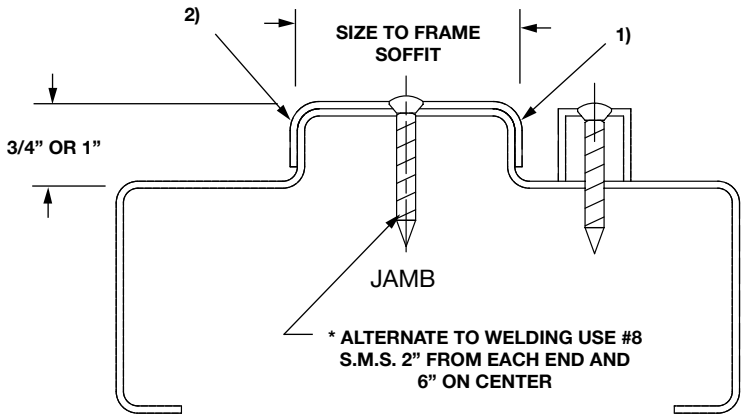
NOTE: SCREW SPACING: #8 OVAL HEAD SHEET METAL SCREWS 2” FROM EACH END AND 12” ON CENTER MAX.

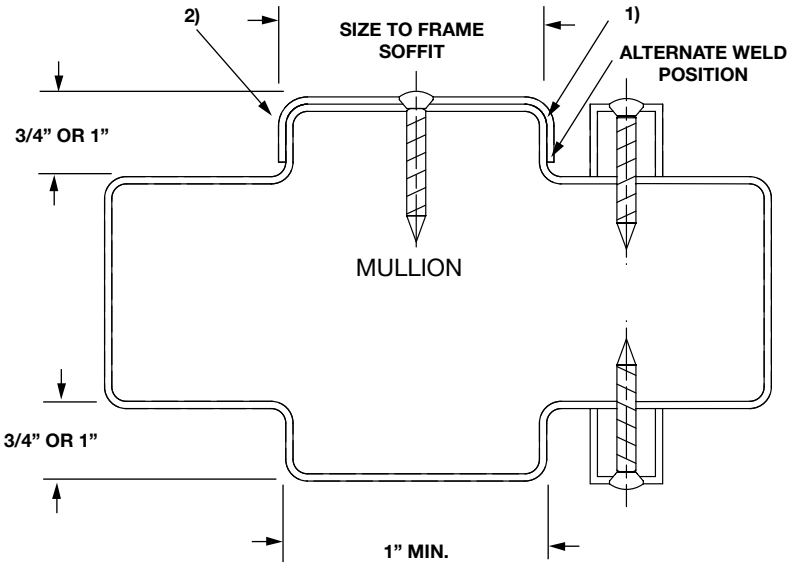
14 GA. MIN.
R.K., OR S.S.



MINIMUM #8 MACHINE OR SELF DRILLING SCREW.

STOP EXTENSIONS FOR GLASS LIGHTS AND TRANSOM/SIDELIGHTS





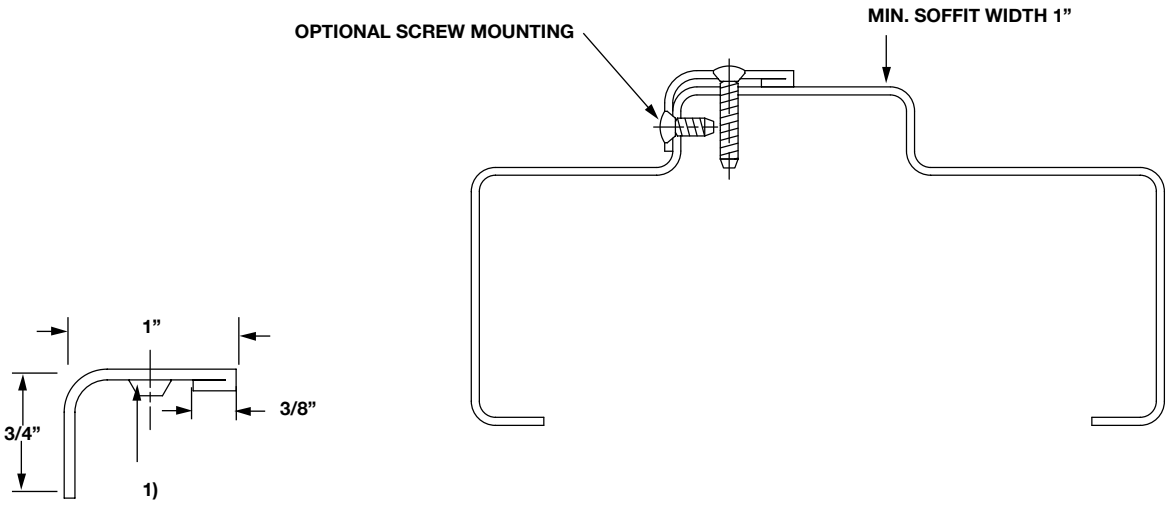
GENERAL NOTES:

1) HOLE PUNCHING ON GLASS STOP IS STANDARD 12" ON CENTER. IF STOP IS TO BE USED FOR LABEL FRAME APPLICATIONS YOU MUST SPECIFY ON ORDER THAT HOLES ARE TO BE 6" ON CENTER.

2) 16 GA. STEEL STOP EXTENSION

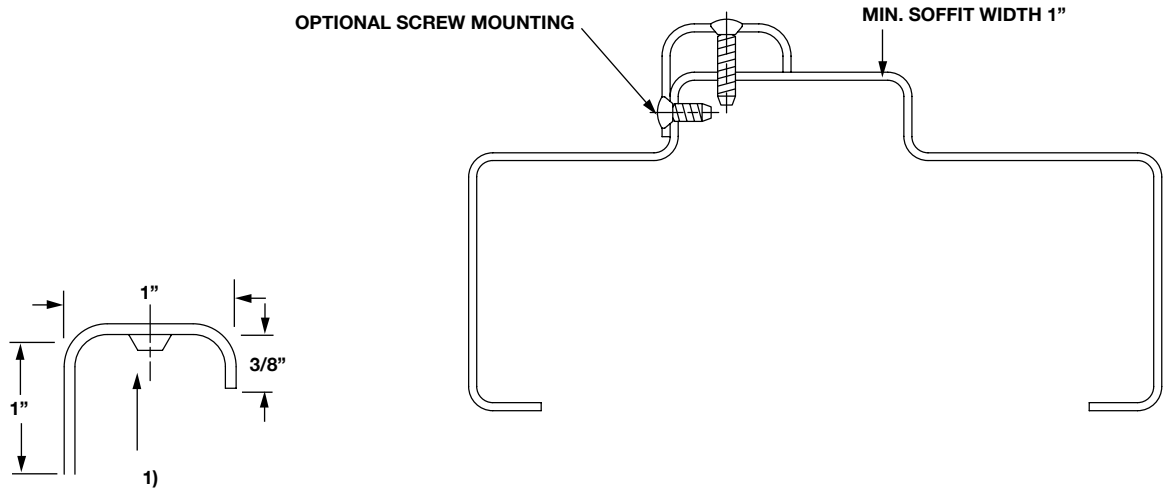
FRAME STOP HEIGHT EXTENDERS FOR GLASS LIGHTS & TRANSOM/SIDELIGHTS

STOP HEIGHT EXTENDER 5/8" TO 3/4"
MAT'L 16 GA. STEEL



PRO4SE127

STOP HEIGHT EXTENDER 5/8" TO 3/4"

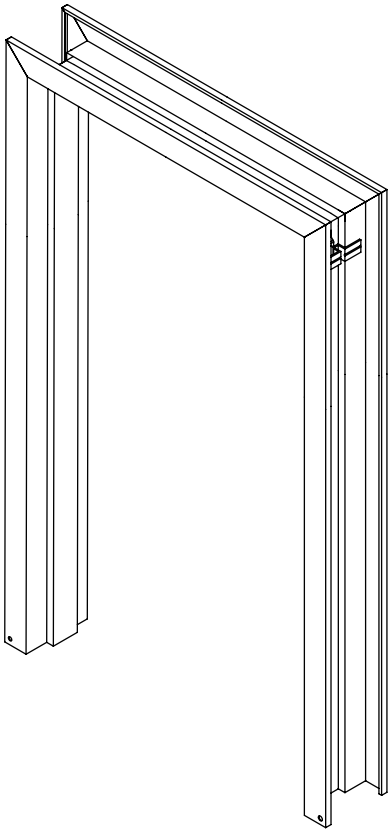


PRO1SE128

GENERAL NOTES:
1) OPTIONAL PUNCH AND COUNTERSINK FOR #8 OVAL HEAD S.M.S. 2" FROM EACH END AND 6" ON CENTER MAX.
2) MAY BE USED ON JAMB OR MULLION FRAME MEMBERS.
3) MATERIAL 16 GA. STEEL AVAILABLE IN 60" LENGTHS MAX.

COMPRESSION ANCHOR (C-TYPE) SLIP-ON DRYWALL FRAME

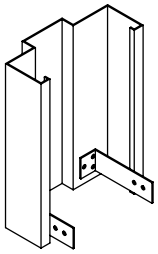
90 MINUTE MAXIMUM FIRE RATING.



SIZE:
SINGLE: 4'0" W X 9'0" H
PAIR: 8'0" W X 7'2"
7'0" W X 9'0" H

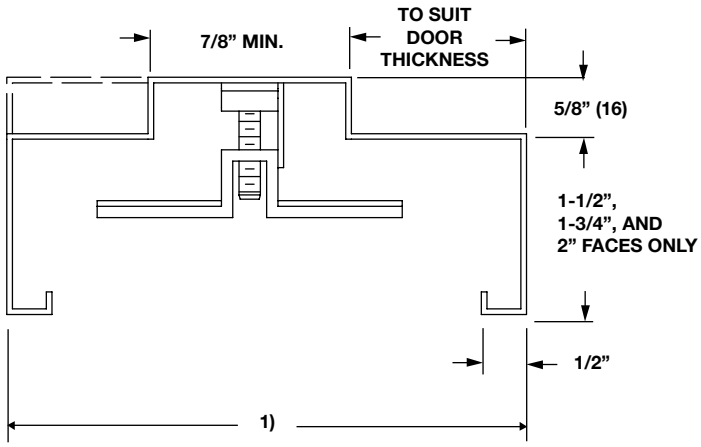
WALL CONSTRUCTION: DRYWALL

FRAME CONSTRUCTION: KD (WITH COMPRESSION ANCHOR SYSTEM)



– COUNTERSUNK BASE ANCHOR HOLE IS STANDARD ON 2" FACE FRAMES, STRAP TYPE BASE ANCHOR OPTIONAL.

– STRAP TYPE BASE ANCHOR OPTIONAL ON 2" FACE FRAMES AND MUST BE USED ON 1-1/2" AND 1-3/4" FACE FRAMES.



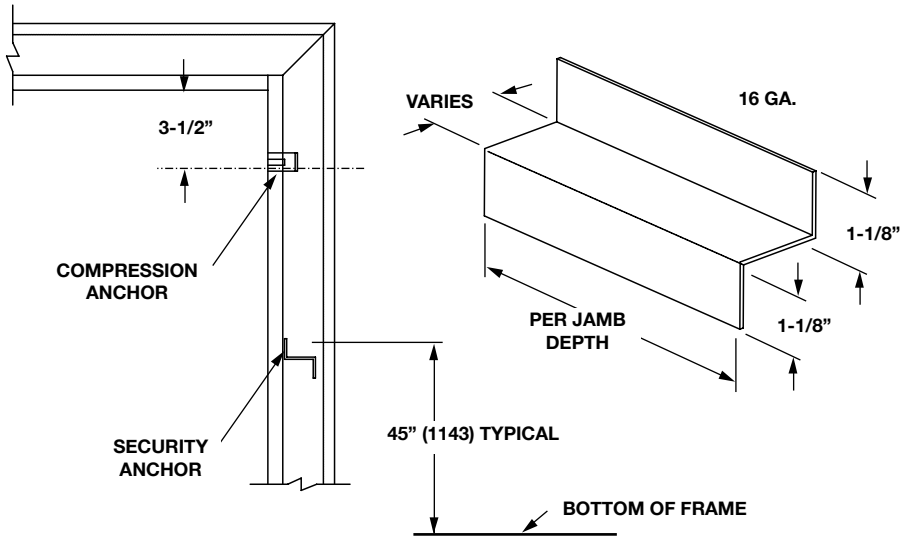
NOTE:

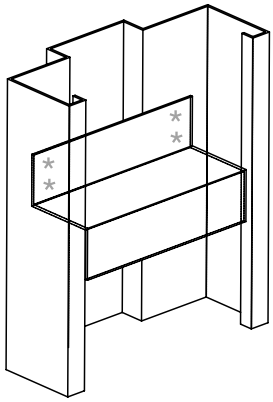
1) 3-1/4" (83) MIN. - 14" (356) MAX. FOR SINGLE OPENING FRAMES TO 3'6" (1067) WIDE X 7'0" (2134) HIGH 4-5/8" (118) MIN. - 14" (356) MAX. FOR SINGLE OPENING FRAMES TO 4'0" (1219) WIDE X 9'0" (2743) HIGH AND DOUBLE OPENING FRAMES TO 7'0" (2134) WIDE X 9'0" HIGH OR 8'0" (203) WIDE X 7'2" (2184) HIGH

2) KD FRAMES OVER 7'2" (2136) UP TO 8' (2438.4) REQUIRE ONE SECURITY ANCHOR PER JAMB (SEE NEXT PAGE FOR DETAILS). FRAMES OVER 8' (2438.4) UP TO 9' (2743.2) REQUIRE THREE SECURITY ANCHOR IN EACH JAMB. FRAMES FOR PAIRS OF DOORS OVER 7'2" (2184.4) REQUIRE TWO SECURITY ANCHOR IN THE HEAD OF THE FRAME. ONE EACH 12" (304.8) FROM THE CENTERLINE OF THE FRAME HEAD.

SECURITY ANCHOR

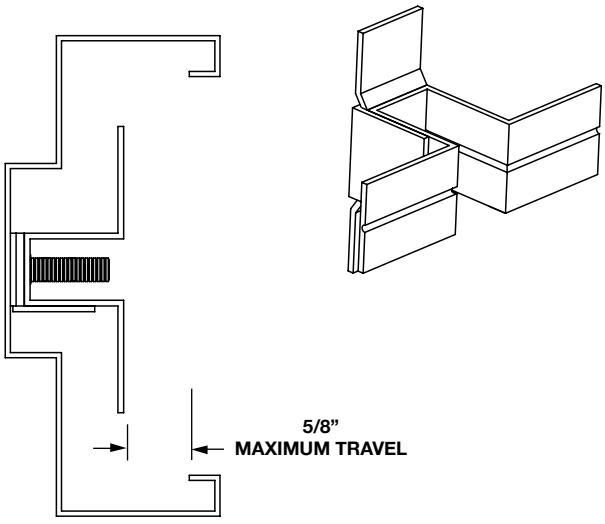
ANCHOR PART NUMBER: P0028

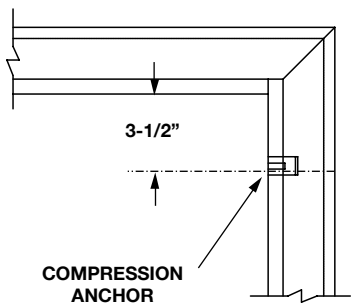


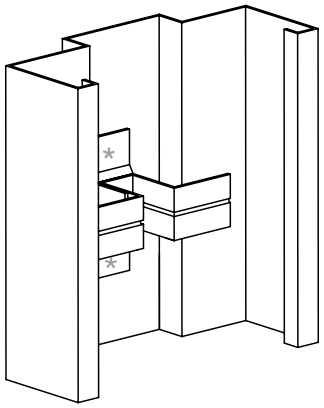


DRYWALL FRAME COMPRESSION ANCHOR

ANCHOR PART NUMBER: P0026



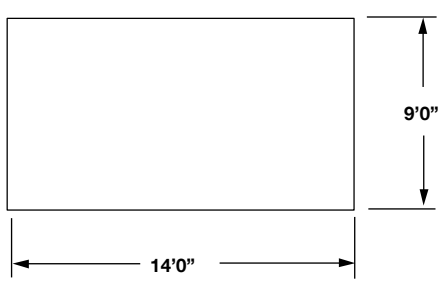


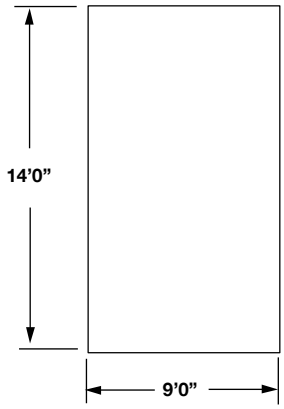


FIELD SPLICE FRAME

FRAMES WELDED AT CURRIES:

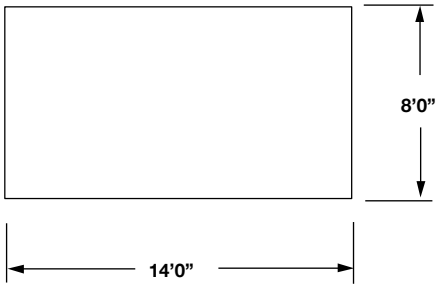
PROVIDE FIELD SPLICES FOR FRAMES THAT EXCEED SIZE SHOWN.

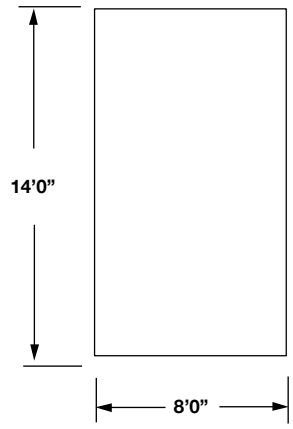




FIELD SPLICING BRACKETS ON WELDED FRAMES WILL BE PROVIDED.
SEE NEXT PAGE FOR SPLICE EXAMPLES.

FRAMES WELDED AT SERVICE CENTERS:

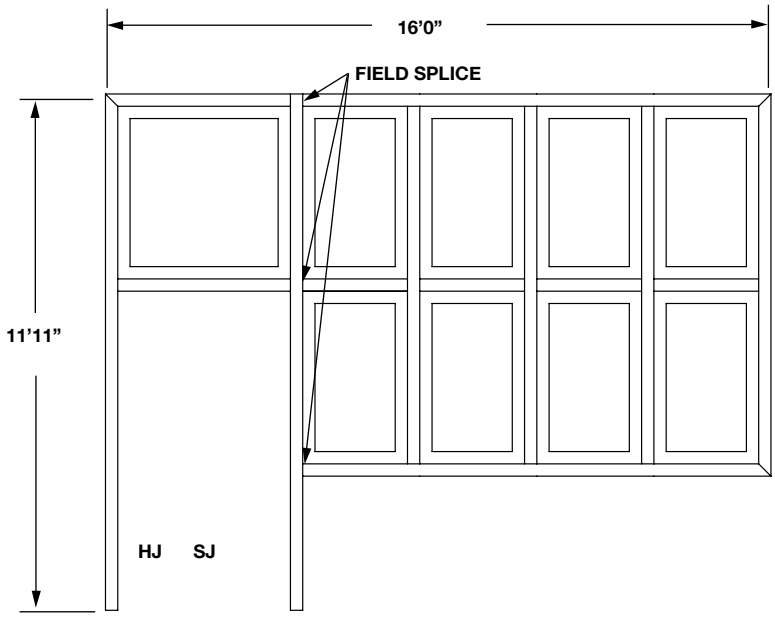




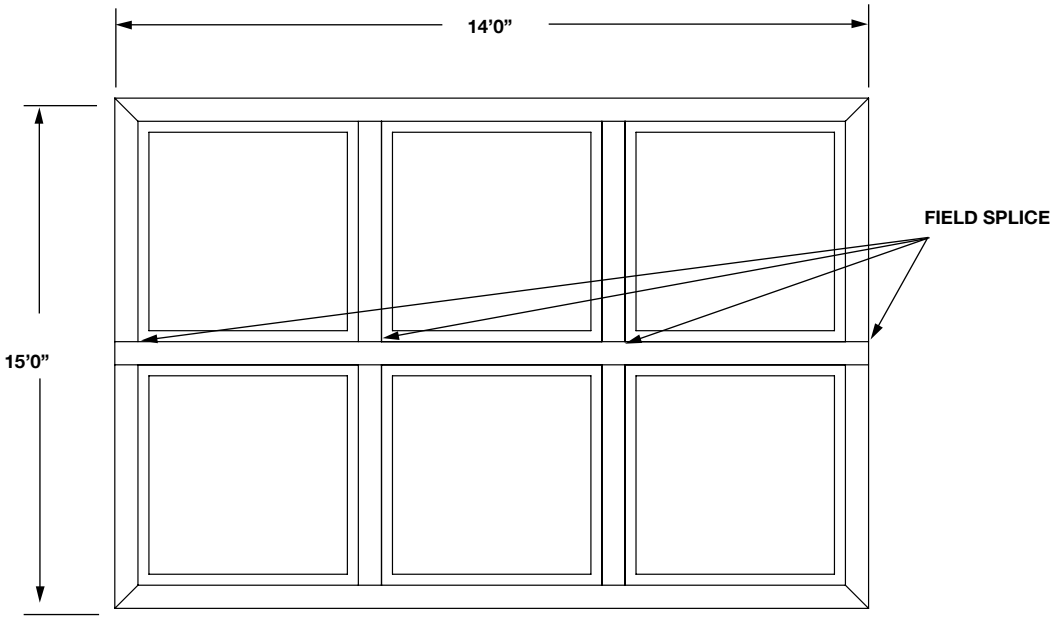
FIELD SPLICING BRACKETS ON WELDED FRAMES WILL BE PROVIDED.
SEE NEXT PAGE FOR SPLICE EXAMPLES.

FIELD SPLICE FRAME

FRAMES WELDED AT CURRIES:



FIELD SPLICE SLEEVES, WILL BE APPLIED TO STRIKE JAMB, ONE FOR EACH ATTACHING HORIZONTAL RAIL.



FIELD SPLICE SLEEVES, WILL BE APPLIED TO HORIZONTAL MULLION, ONE FOR EACH ATTACHING VERTICAL RAIL.

CURRIES
ASSA ABLOY

Doors

Experience a safer
and more open world

TECH MANUAL

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607 DOOR - POLYSTYRENE

SIZE OPTIONS	WIDTH: 2'6", 2'8", 2'10", 3'0", 3'6", 3'8", AND 4'0" HEIGHT: 6'8", 7'0", 7'2", AND 8'0"
PHYSICAL ENDURANCE (ANSI 250.4) *CYCLE TEST BROCHURE*	MEETS OR EXCEEDS 1,000,000 CYCLES – LEVEL A
SDI PERFORMANCE LEVELS (ANSI 250.8) *SDI LEVEL CHART*	LEVEL 1 STANDARD DUTY THROUGH LEVEL 2 HEAVY DUTY MODEL 1 FULL FLUSH (S EDGE) ONLY
FACE TYPES	FLUSH DOORS ONLY
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	20 OR 18 GAUGE
THICKNESS	1-3/4"
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM
TOP AND BOTTOM END CHANNELS	16 GAUGE 20 GAUGE TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	LOCKS: • CYLINDRICAL – G2, G2B, G2EO • CYLINDRICAL DEADLOCK – G16 • MORTISE – G3, G3EO (EDGE ONLY), G3AEO (EDGE ONLY), G3ARO (REINFORCE ONLY). • STRIKES - E1B (CUT LIP ON STRIKE IN FIELD) • FLUSHBOLT - H1, H1HO • PANIC DEVICES: G11 (RIM EXIT), G11A (SURFACE VERTICAL ROD), BOTH REINFORCE ONLY. • SURFACE BOLT: SB • PUSH – PULL REINFORCEMENT: G18 HINGES: • 4-1/2" X 4-1/2" ULTIMA HINGES SHIMMED FOR STANDARD OR HEAVY WEIGHT HINGES HINGE AND LOCK LOCATIONS ARE SDI MANUFACTURER'S LOCATIONS CLOSER: CL ASTRAGAL: FACTORY INSTALLATION NOT AVAILABLE – FIELD INSTALLATION ONLY
CORE	POLYSTYRENE
STC RATINGS (ASTM E90, ASTM E413)	18 GAUGE SKINS WITH POLYSTYRENE CORE - 27 STC STC LABEL IS NOT AVAILABLE WITH THIS SERIES
FIRE RATING (UL OR WH) (UL10C TEST METHOD)	20, 45, 60, 90 OR 180 MINUTES SIZES: 4 FT BY 8 FT SINGLES 8 FT BY 8 FT PAIRS
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER

607 DOOR - POLYSTYRENE CONSTRUCTION

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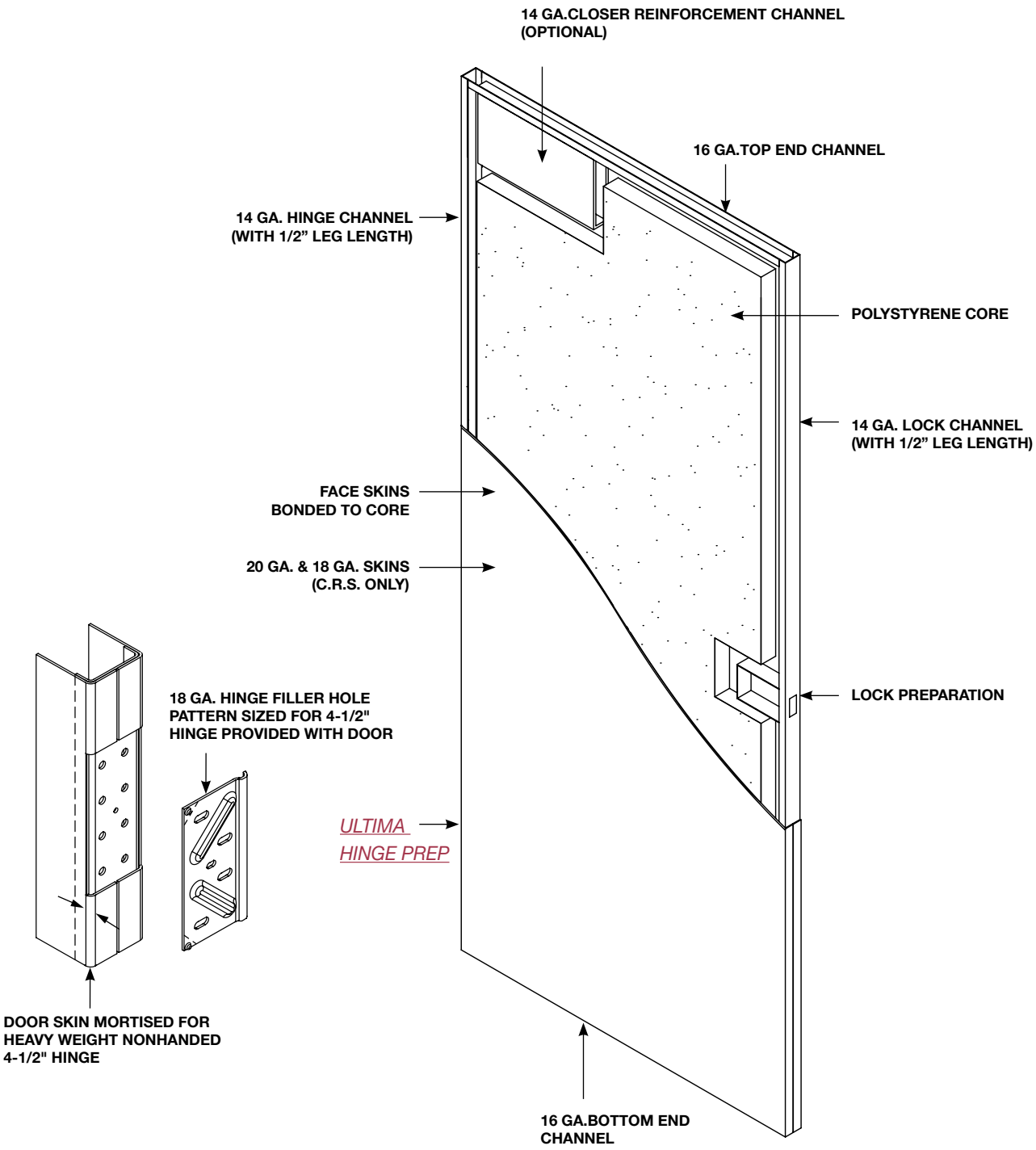
(UL) UNDERWRITERS LABORATORIES OR
(WH) WARNOCK HERSEY



707 DOOR - POLYSTYRENE CORE

MAXIMUM NON-FIRE RATED SIZE	WIDTH: 5 FT HEIGHT: 10 FT
PHYSICAL ENDURANCE (ANSI 250.4) *CYCLE TEST BROCHURE*	MEETS OR EXCEEDS 1,000,000 CYCLES – LEVEL A
SDI PERFORMANCE LEVELS (ANSI 250.8) *SDI LEVEL CHART*	LEVEL 1 STANDARD DUTY THROUGH LEVEL 4, MAXIMUM DUTY MODEL 1 FULL FLUSH (S EDGE) OR MODEL 2 SEAMLESS (N OR T EDGE) OPTIONS
FACE TYPES	REFERENCE FACE TYPE DOOR SECTIONS OR EMBOSSED PANELS SECTIONS
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	20, 18, 16, OR 14 GAUGE
THICKNESS	1-3/4"
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM N – INTERMEDIATE SPOT WELDED SEAM, FILLED FLUSH T – CONTINOUSLY WELDED SEAM, FILLED FLUSH
TOP AND BOTTOM END CHANNELS	16 GAUGE TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK • RIM EXIT DEVICE • SURFACE VERTICAL ROD DEVICE • CONCEALED VERTICAL ROD DEVICE
CORE	POLYSTYRENE HONEYCOMB CORE IS AVAILABLE QMAX THERMALLY ENHANCED CORE IS AVAILABLE
STC RATINGS (ASTM E90, ASTM E413) *ENGINEERING SPECIFICATIONS*	18 GAUGE SKINS WITH POLYSTYRENE CORE - 24 STC STC LABEL IS NOT AVAILABLE WITH THIS SERIES
FIRE RATING (UL OR WH) (UL10C TEST METHOD)	20, 45, 60, 90 OR 180 MINUTES SIZES: 4 FT BY 8 FT SINGLES 8 FT BY 8 FT PAIRS GLASS: FULL GLASS LIGHT IS AVAILABLE UP TO 90 MINUTES WITH 6” MINIMUM STILES AND RAILS
THERMAL RATING (SDI-113, ASTM C1199) *ENERGY EFFICIENT FACT SHEET*	STANDARD FRAME POLYSTYRENE CORE: .42 U FACTOR, 2.40 R FACTOR* MERCURY THERMAL BREAK FRAME POLYSTYRENE CORE: 0.45 U FACTOR, 2.22 R FACTOR* **R FACTOR IS CALCULATED*
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH IS AVAILABLE SEE CURRISTAIN SECTIONS FOR CURRISTAIN OPTIONS

707 DOOR - POLYSTYRENE CORE CONSTRUCTION

FIRE CERTIFICATION

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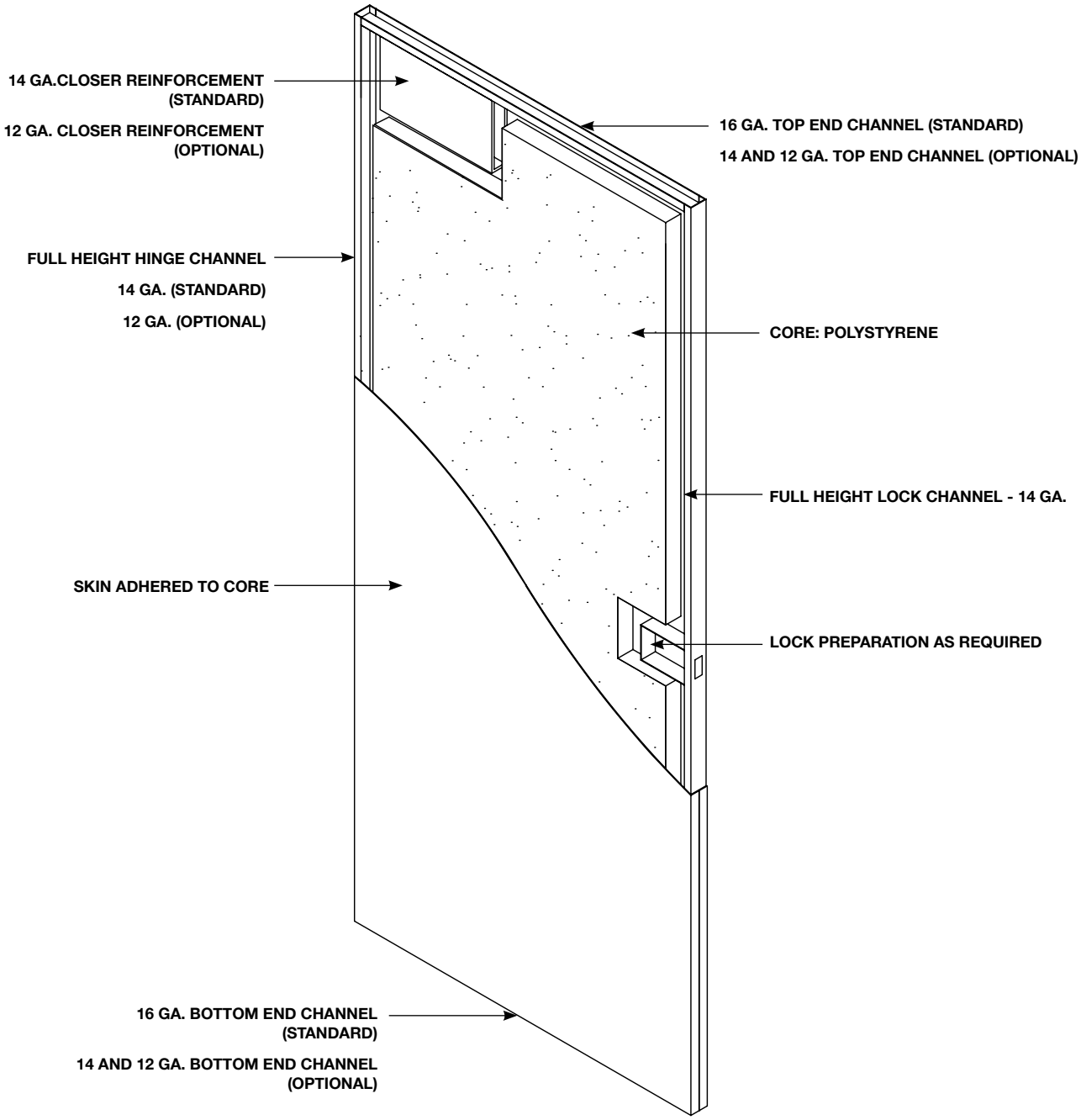
(WH) WARNOCK HERSEY



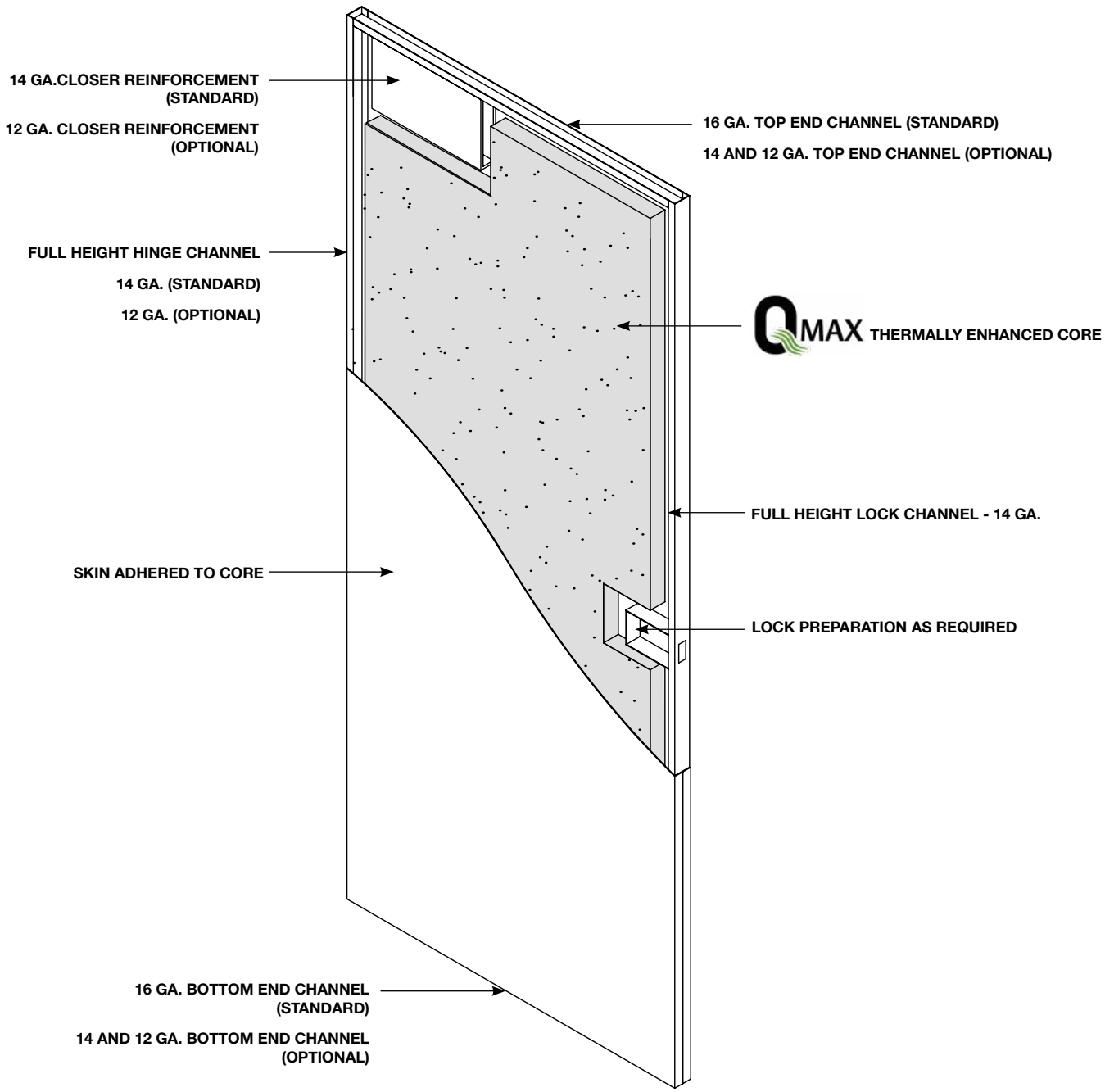
707 DOOR - QMAX CORE

MAXIMUM NON-FIRE RATED SIZE	WIDTH: 5 FT HEIGHT: 10 FT
SDI PERFORMANCE LEVELS (ANSI 250.8) *SDI LEVEL CHART*	LEVEL 1 STANDARD DUTY THROUGH LEVEL 4, MAXIMUM DUTY MODEL 1 FULL FLUSH (S EDGE) OR MODEL 2 SEAMLESS (N OR T EDGE) OPTIONS
FACE TYPE	REFERENCE FACE TYPE DOOR PAGES
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	20, 18, 16, OR 14 GAUGE
THICKNESS	1-3/4”
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM N – INTERMEDIATE SPOT WELDED SEAM, FILLED FLUSH T – CONTINOUSLY WELDED SEAM, FILLED FLUSH
TOP AND BOTTOM END CHANNELS	16 GAUGE TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK • RIM EXIT DEVICE • SURFACE VERTICAL ROD DEVICE • CONCEALED VERTICAL ROD DEVICE
CORE	QMAX THERMALLY ENHANCED CORE
FIRE RATING (UL OR WH) (UL10C TEST METHOD)	20, 45, 60, 90 OR 180 MINUTES SIZES: 4 FT BY 8 FT SINGLES 8 FT BY 8 FT PAIRS GLASS: FULL GLASS LIGHT IS AVAILABLE UP TO 90 MINUTES WITH 6” MINIMUM STILES AND RAILS
THERMAL RATING (SDI-113, ASTM C1199) *ENERGY EFFICIENT FACT SHEET*	STANDARD FRAME QMAX CORE: .37 U FACTOR, 2.72 R FACTOR* MERCURY 3 THERMAL BREAK FRAME QMAX CORE: 0.35 U FACTOR, 2.87 R FACTOR* **R FACTOR IS CALCULATED*
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH PAINTING IS AVAILABLE SEE CURRISTAIN PAGES FOR CURRISTAIN OPTIONS

707 DOOR - QMAX CORE CONSTRUCTION

FIRE CERTIFICATION

(UL) UNDERWRITERS LABORATORIES OR
(WH) WARNOCK HERSEY



707 DOOR - HONEYCOMB CORE

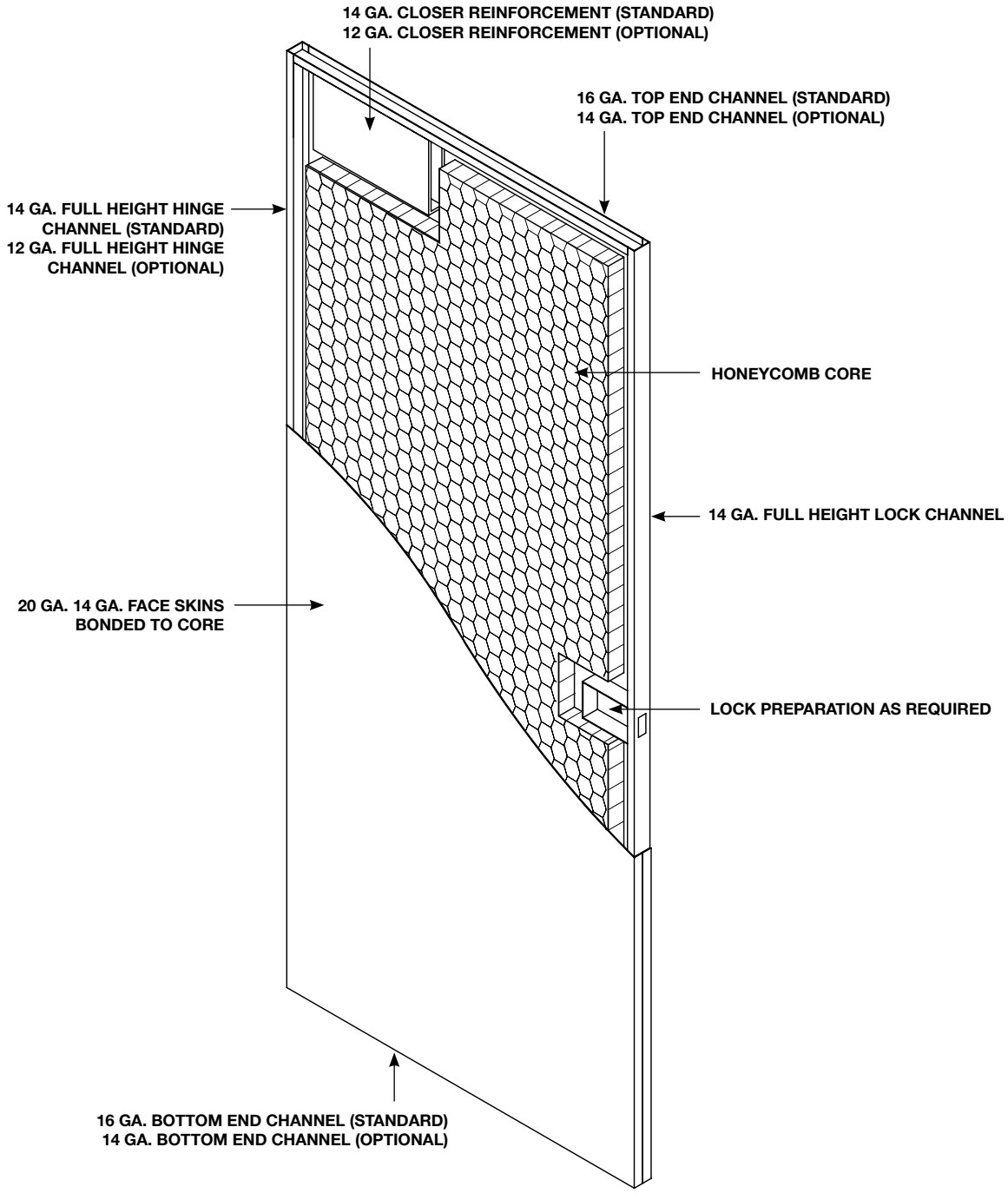
MAXIMUM NON-FIRE RATED SIZE	WIDTH: 5 FT HEIGHT: 10 FT
PHYSICAL ENDURANCE (ANSI 250.4) *CYCLE TEST BROCHURE*	MEETS OR EXCEEDS 1,000,000 CYCLES – LEVEL A
SDI PERFORMANCE LEVELS (ANSI 250.8) *SDI LEVEL CHART*	LEVEL 1 STANDARD DUTY THROUGH LEVEL 4, MAXIMUM DUTY MODEL 1 FULL FLUSH (S EDGE) OR MODEL 2 SEAMLESS (N OR T EDGE) OPTIONS
FACE TYPE	REFERENCE FACE TYPE DOOR PAGES
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	20, 18, 16, OR 14 GAUGE
THICKNESS	1-3/4”
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM N – INTERMEDIATE SPOT WELDED SEAM, FILLED FLUSH T – CONTINOUSLY WELDED SEAM, FILLED FLUSH
TOP AND BOTTOM END CHANNELS	16 GAUGE TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK • RIM EXIT DEVICE • SURFACE VERTICAL ROD DEVICE • CONCEALED VERTICAL ROD DEVICE
CORE	HONEYCOMB
STC RATINGS (ASTM E90, ASTM E413) *ENGINEERING SPECIFICATIONS*	18 GAUGE SKINS WITH HONEYCOMB CORE - 31 STC 16 GAUGE SKINS WITH HONEYCOMB CORE - 34 STC STC LABEL IS NOT AVAILABLE WITH THIS SERIES
FIRE RATING (UL OR WH) (UL10C TEST METHOD)	UL AND WH: 20, 45, 60, 90 OR 180 MINUTES SIZES: 4 FT BY 8 FT SINGLES 8 FT BY 8 FT PAIRS WH: 20, 45, 60, OR 90 MINUTES SIZES: 4 FT BY 9 FT SINGLES 8 FT BY 9 FT PAIRS WH: 180 MINUTES WITH 14 GA. FACES SIZES: 4 FT BY 9 FT SINGLES 8 FT BY 9 FT PAIRS GLASS: FULL GLASS LIGHT IS AVAILABLE UP TO 90 MINUTES WITH 6” MINIMUM STILES AND RAILS
PRIME PAINT (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH PAINTING IS AVAILABLE SEE CURRIESTAIN PAGES FOR OPTIONS

707 DOOR - HONEYCOMB CORE CONSTRUCTION

FIRE CERTIFICATION

(UL) UNDERWRITERS LABORATORIES OR
(WH) WARNOCK HERSEY

AVAILABLE IN 1-3/4" THICKNESS ONLY



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727 TR DOOR - STEEL STIFFENED WITH TEMPERATURE RISE CORE

MAXIMUM NON-FIRE RATED SIZE	WIDTH: 5 FT HEIGHT: 10 FT
PHYSICAL ENDURANCE (ANSI 250.4) *CYCLE TEST BROCHURE*	MEETS OR EXCEEDS 1,000,000 CYCLES – LEVEL A
SDI PERFORMANCE LEVELS (ANSI 250.8) *SDI LEVEL CHART*	LEVEL 1 STANDARD DUTY THROUGH LEVEL 4, MAXIMUM DUTY MODEL 1 FULL FLUSH (S EDGE) OR MODEL 2 SEAMLESS (N OR T EDGE) OPTIONS
FACE TYPE	REFERENCE FACE TYPE DOOR PAGES
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	18, 16, OR 14 GAUGE
THICKNESS	1-3/4"
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM N – INTERMEDIATE SPOT WELDED SEAM, FILLED FLUSH T – CONTINOUSLY WELDED SEAM, FILLED FLUSH
TOP AND BOTTOM END CHANNELS	12 GAUGE TOP END CHANNEL 14 OR 16 GAUGE BOTTOM END CHANNEL TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK • RIM EXIT DEVICE • SURFACE VERTICAL ROD DEVICE • CONCEALED VERTICAL ROD DEVICE
CORE	22 GAUGE STEEL-STIFFENERS WITH TEMPERATURE RISE CORE
FIRE RATING (WH) (UL10C TEST METHOD)	45, 90 OR 180 MINUTES SIZES: 4 FT BY 8 FT SINGLES 8 FT BY 8 FT PAIRS FACTORY INSTALLED ASTRAGAL REQUIRED FOR PAIRS GLASS: ANY FIRE PROTECTIVE (UL 10C) OR FIRE RESISTIVE GLASS (ASTM E119 OR UL 263) - 100 SQUARE INCHES MAX. GLASS LARGER THAN 100 SQUARE INCHES IS AVAILABLE WHEN USED WITH FIRE RESISTIVE GLASS (ASTM E119 OR UL 263) UP TO 1296 SQUARE INCHES WITH 6” MINIMUM STILES AND RAILS
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH PAINTING IS AVAILABLE

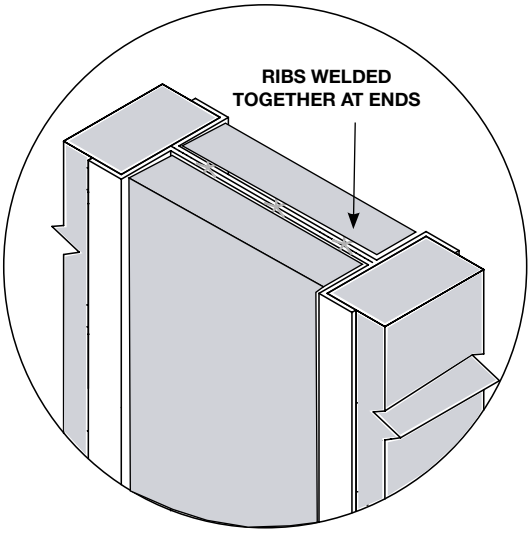
727 TR DOOR - STEEL STIFFENED WITH TEMPERATURE RISE CORE CONSTRUCTION

FIRE CERTIFICATION

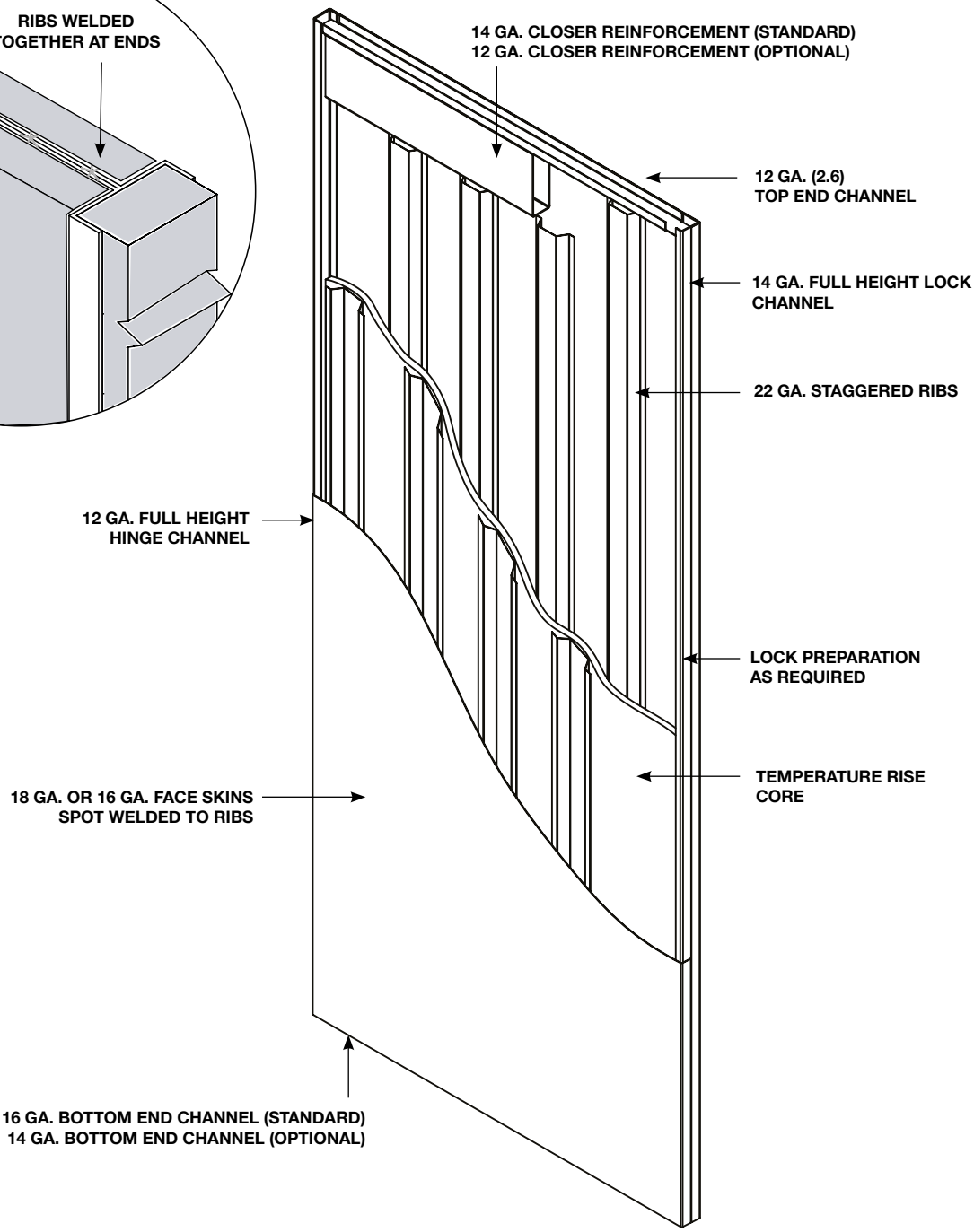
(WH) WARNOCK HERSEY

NOTE: *ALTERNATE CONSTRUCTION IS REQUIRED FOR DOOR WIDTHS GREATER THAN 4'0", DOOR HEIGHTS GREATER THAN 8'0", DOUBLE EGRESS PAIRS, AND DOORS PREPPED FOR RECESSED EXIT DEVICES AND TOP-ROD-ONLY HARDWARE. CHANGES WILL BE AUTOMATICALLY APPLIED INTERNALLY.*

ALTERNATE (747-TR)
CONSTRUCTION UL RATED



FIRE RATED UP TO 3 HRS. (INTERTEK/WARNOCK HERSEY)
450˚F TEMPERATURE RISE RATING



747 DOOR - STEEL STIFFENED WITH FIBERGLASS CORE

MAX NON-RATED SIZE	WIDTH: 5 FT, HEIGHT: 12 FT
PHYSICAL ENDURANCE (ANSI 250.4)	MEETS OR EXCEEDS 1,000,000 CYCLES - LEVEL A
SDI PERFORMANCE LEVELS (ANSI 250.8) *SDI LEVEL CHART*	LEVEL 1 STANDARD DUTY THROUGH LEVEL 4, MAXIMUM DUTY MODEL 1 FULL FLUSH (S EDGE) OR MODEL 2 SEAMLESS (N OR T EDGE) OPTIONS
FACE TYPES	REFERENCE FACE TYPE DOOR PAGES
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	18, 16, OR 14 GAUGE
THICKNESS	1-3/4" 2-1/4" IS AVAILABLE, CONTACT FACTORY FOR DETAILS
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM N – INTERMEDIATE SPOT WELDED SEAM, FILLED FLUSH T – CONTINOUSLY WELDED SEAM, FILLED FLUSH
TOP AND BOTTOM END CHANNELS	16 GAUGE TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK • RIM EXIT DEVICE • SURFACE VERTICAL ROD DEVICE • CONCEALED VERTICAL ROD DEVICE
CORE	22 GAUGE STEEL STIFFENERS WITH FIBERGLASS INSULATION
STC RATINGS (ASTM E90, ASTM E413)	16 GAUGE SKINS - 43 STC 18 GAUGE SKINS - 44 STC *STC LABEL IS NOT AVAILABLE WITH THIS SERIES*
FIRE RATING (UL OR WH)	20, 45, 60, 90 OR 180 MINUTES SIZES: 4 FT BY 10 FT SINGLES 8 FT BY 10 FT PAIRS 14 GAUGE DOORS HAVE AN 8 FT MAX HEIGHT GLASS: FULL GLASS LIGHT IS AVAILABLE UP TO 90 MINUTES WITH 6" MINIMUM STILES AND RAILS 20, 45, 60, OR 90 MINUTES SIZES: 5 FT BY 10 FT SINGLES - WH 10 FT BY 10 FT PAIRS - WH 5 FT BY 12 FT SINGLES - UL 10 FT BY 12 FT PAIRS - UL *SEE OVERSIZED DOOR CAPABILITIES FOR DETAILS*
THERMAL RATING (SDI-113, ASTM C1199) *ENERGY EFFICIENT FACT SHEET*	STANDARD FRAME 0.65 U FACTOR, 1.54 R FACTOR* MERCURY THERMAL BREAK FRAME 0.64 U FACTOR, 1.56 R FACTOR* **R FACTOR IS CALCULATED*
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH PAINTING IS AVAILABLE

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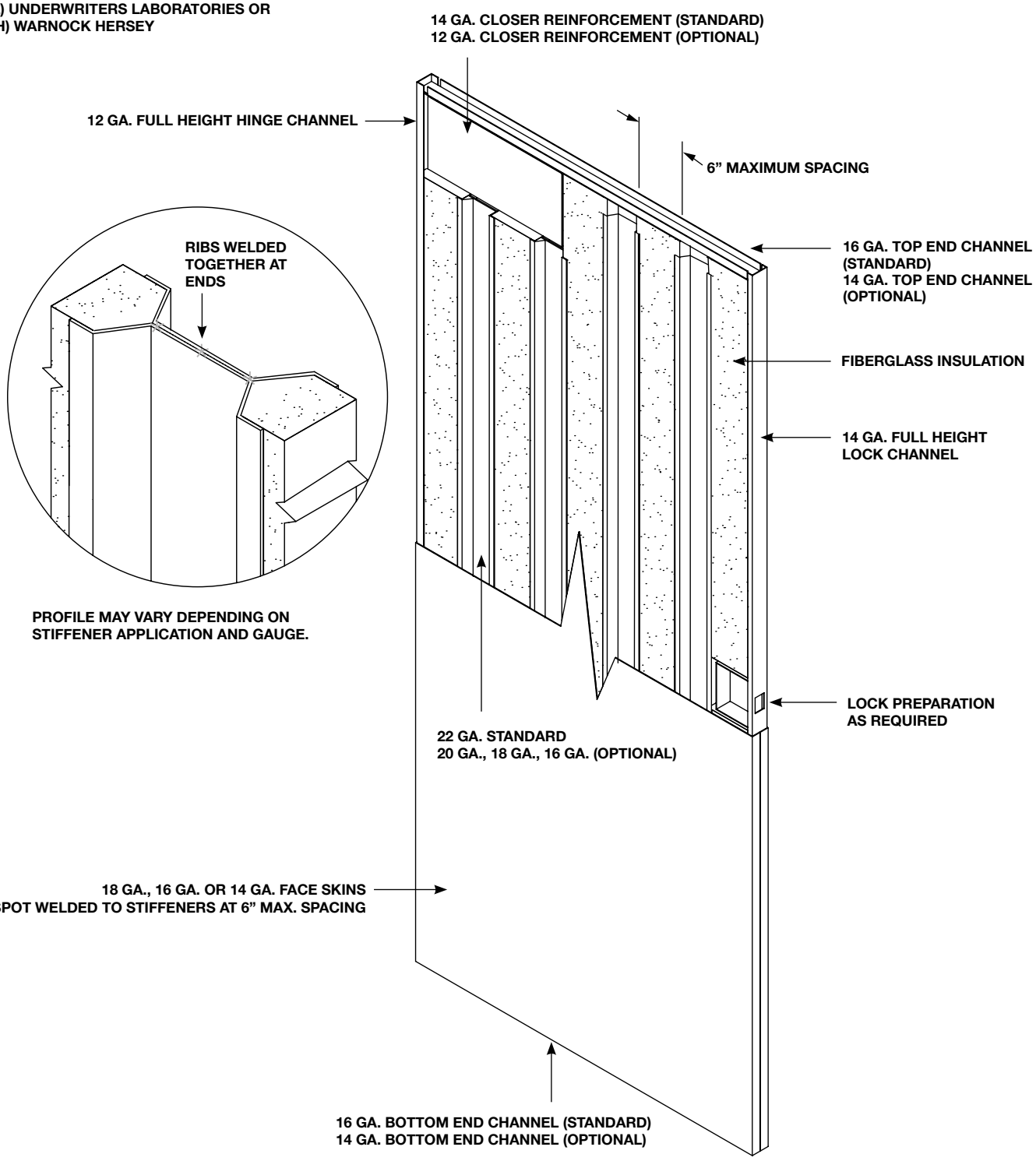
(WH) WARNOCK HERSEY



PROFILE MAY VARY DEPENDING ON STIFFENER APPLICATION AND GAUGE.

747 DOOR - 2-1/4" THICK DOOR

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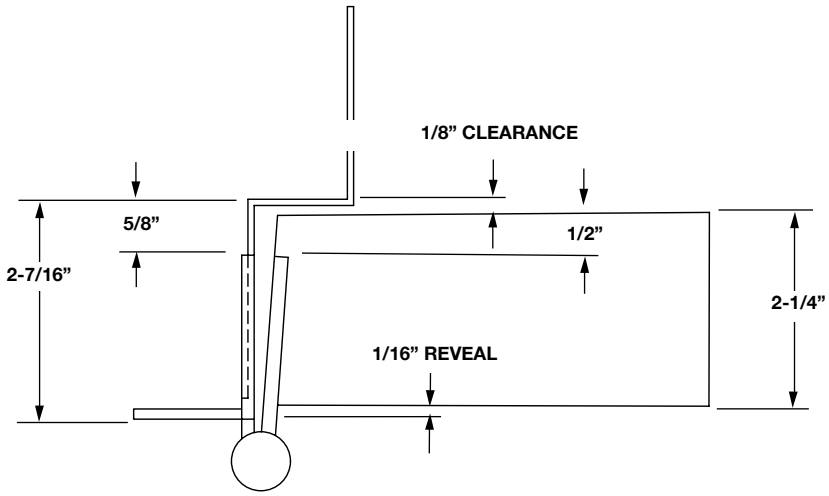
STANDARD HINGE BACKSET

2-1/4" DOOR
"G" BEVEL DOOR SHOWN



NOTE: TYPE 3 AND 4 CONCEALED MOULDING ONLY

767 DOOR - STILE AND RAIL

MAX NON-RATED SIZE	WIDTH: 4 FT, HEIGHT: 8 FT
FACE TYPES	FULL GLASS, OR FULL GLASS WITH 1, 2, OR 3 MID-RAIL DOOR DESIGN
LIGHT KITS	FLUSH LIGHT KITS ONLY
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED
STEEL GAUGE	16 GAUGE
THICKNESS	1-3/4"
VERTICAL DOOR EDGE SEAM	SEAMLESS EDGE
STILES AND RAILS	16 GAUGE FLUSH STILES TOP AND BOTTOM RAILS
STILE AND RAIL SIZES	5-5/8" "D" BEVELED STILES • OPTIONAL 3-5/8" AND 7-5/8" • HINGE AND LOCK STILES MUST MATCH SIZES 5-5/8" TOP RAIL • OPTIONAL 3-5/8" AND 7-5/8" 12-5/8" BOTTOM RAIL • OPTIONAL 10-5/8", 14-5/8" OR 16-5/8" 5-5/8" OPTIONAL CENTER RAIL • OPTIONAL 3-5/8" AND 7-5/8" CORNERS ARE CONTINUOUSLY WELDED
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK RACEWAYS, ELECTRIC HINGES AND EPT PREPS ARE NOT ALLOWED
INSULATION	1/2 POUND FIBERGLASS INSULATION
STC RATINGS (ASTM E90, ASTM E413)	16 GAUGE SKINS - 29 STC STC LABEL IS NOT AVAILABLE WITH THIS SERIES
FIRE RATING (UL OR WH), (UL 10C TEST METHOD)	20 OR 45 MINUTES SIZES: 4 FT BY 8 FT SINGLES 8 FT BY 8 FT PAIRS 3-5/8" MINIMUM STILES AND TOP RAIL
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH PAINTING IS AVAILABLE

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767 DOOR - STILE AND RAIL

- 16 GA. INSULATED TUBULAR STEEL
- FLUSH TOP
- CONTINUOUSLY WELDED CORNERS
- FLUSH GLAZING
- 5-5/8" STILES AND TOP RAIL (OPTIONAL 3-5/8" AND 7-5/8")
- 12-5/8" BOTTOM RAIL (OPTIONAL 10-5/8", 14-5/8" OR 16-5/8")
- OPTIONAL CENTER RAIL
- BEVELED LOCK & HINGE EDGE

NOTE: RACEWAYS, ELECTRIC HINGES, OR EPT PREPS ARE NOT ALLOWED

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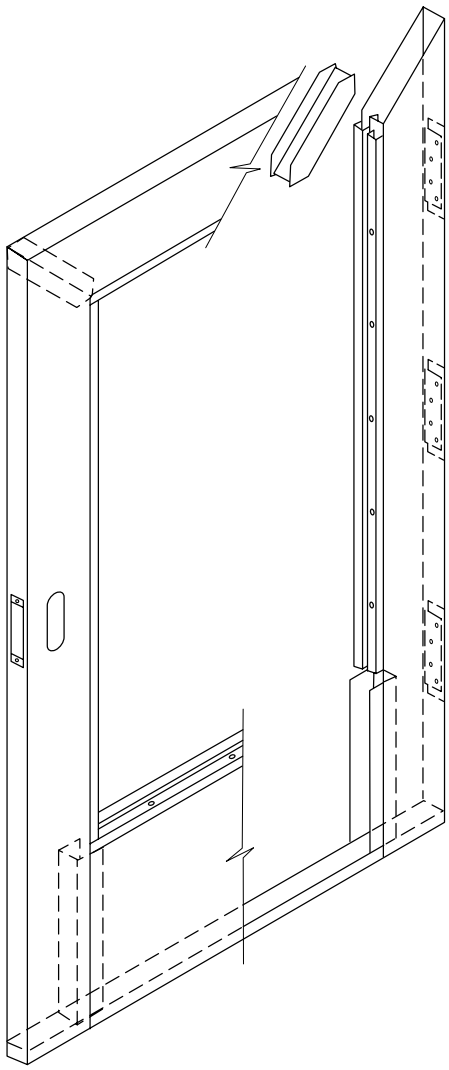

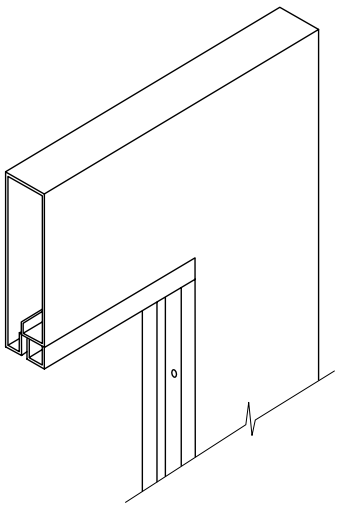

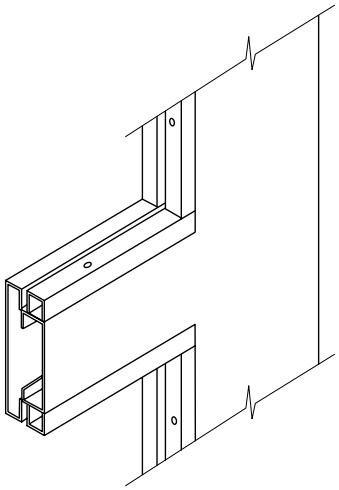

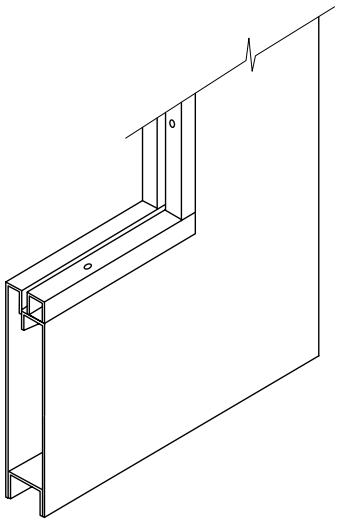

767 DOOR - STILE AND RAIL

TOP RAIL – FLUSH SEAMLESS DESIGN, 5-5/8" RAIL STANDARD, 3-5/8" RAIL AND 7-5/8" OPTIONAL
OPTIONAL CENTER RAIL – FLUSH SEAMLESS DESIGN, 5-5/8" RAIL STANDARD, 3-5/8" RAIL AND 7-5/8" OPTIONAL
BOTTOM RAIL – FLUSH SEAMLESS DESIGN, 12-5/8" BOTTOM RAIL STANDARD, 10-5/8", 14-5/8" OR 16-5/8" RAIL OPTIONAL

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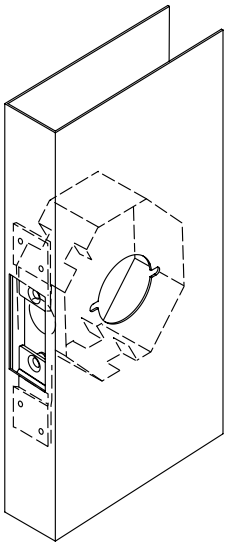
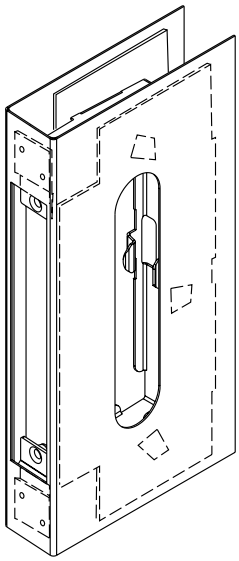
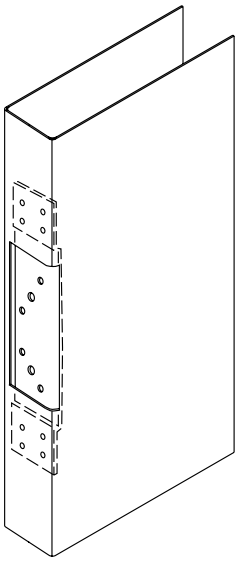
CYLINDRICAL LOCK
(ANSI A115.2)
2-3/4" BACKSET
GOV. 160/161



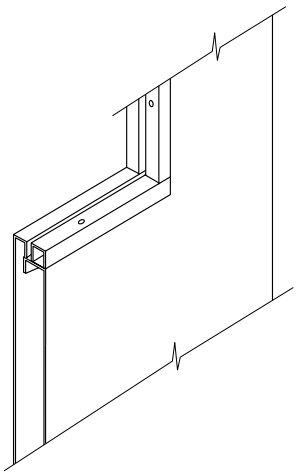
MORTISE LOCK
(ANSI A115.1)
2-3/4" BACKSET
GOV. 86



HINGE PREPARATION
4-1/2" OR 5" HIGH
STANDARD OR
HEAVY WEIGHT,
FULL MORTISE
ANSI A156.7,
HANDED



FLUSH GLAZING
INTEGRAL FLUSH GLAZING
WITH REMOVABLE GLASS
BEAD



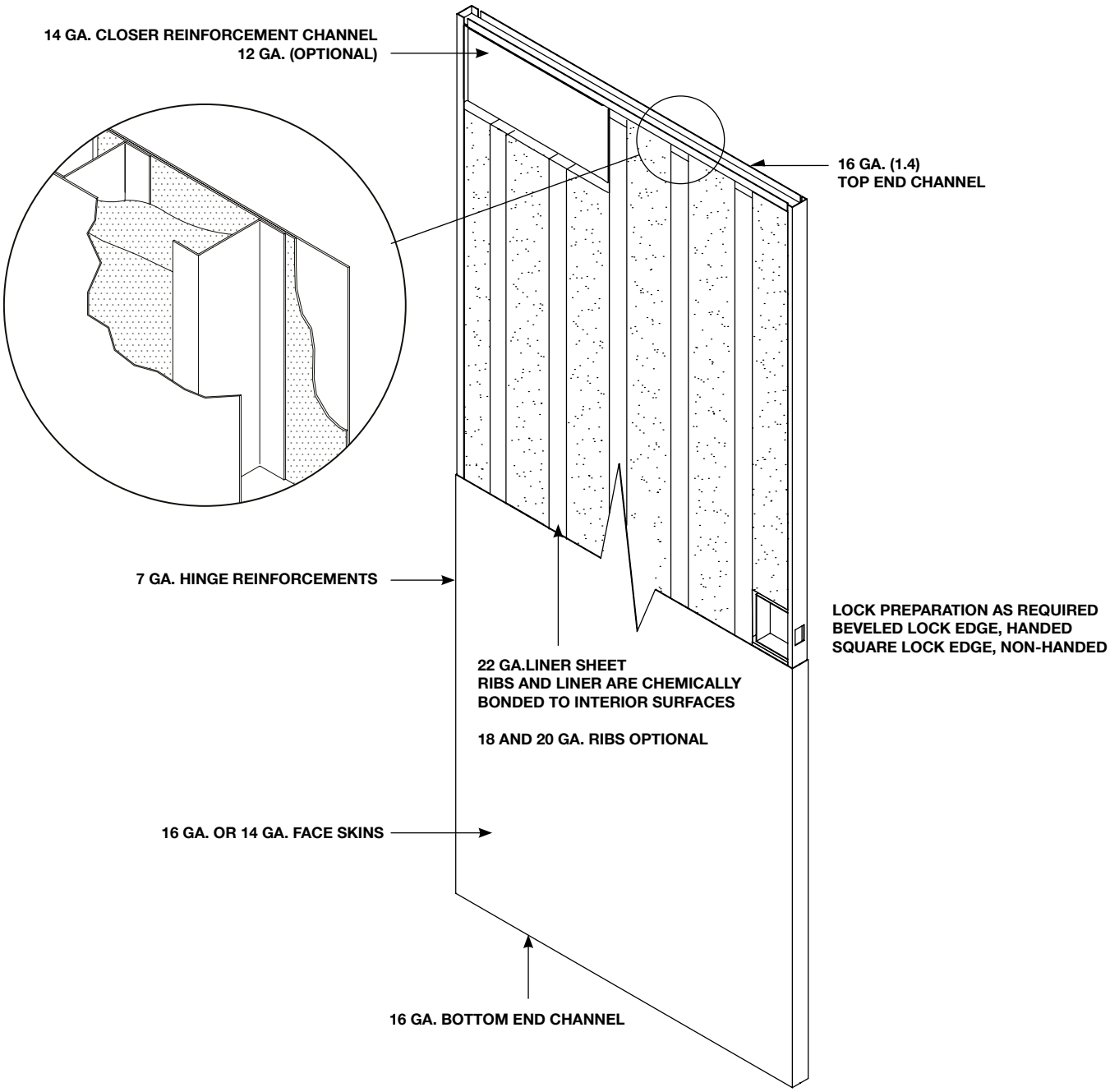
777 DOOR - STEEL STIFFENED WITH FIBERGLASS INSULATION

MAX NON-RATED SIZE	WIDTH: 4 FT, HEIGHT: 9 FT
PHYSICAL ENDURANCE (ANSI 250.4)	MEETS OR EXCEEDS 1,000,000 CYCLES - LEVEL A
SDI PERFORMANCE LEVELS (ANSI 250.8) *SDI LEVEL CHART*	LEVEL 1 STANDARD DUTY THROUGH LEVEL 4, MAXIMUM DUTY MODEL 1 FULL FLUSH (S EDGE) OR MODEL 2 SEAMLESS (N OR T EDGE) OPTIONS
FACE TYPES	REFERENCE FACE TYPE DOOR PAGES
GLASS THICKNESS	1" MAXIMUM GLASS THICKNESS
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	18, 16, OR 14 GAUGE
THICKNESS	1-3/4"
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM N – INTERMEDIATE SPOT WELDED SEAM, FILLED FLUSH T – CONTINOUSLY WELDED SEAM, FILLED FLUSH * 14 GA. DOORS MUST BE T EDGE
TOP AND BOTTOM END CHANNELS	16 GAUGE 18 GAUGE TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK • RIM EXIT DEVICE • SURFACE VERTICAL ROD DEVICE • CONCEALED VERTICAL ROD DEVICE *THRU BOLTS ARE NOT PREPPED FOR EXIT DEVICES ON THIS DOOR.*
CORE	22-GAUGE STEEL-STIFFENERS WELDED TO 22-GAUGE LINER, LINER AND STIFFENERS LAMINATED TO FACE SHEETS, 0.5 LB/FT^3 FIBERGLASS BETWEEN THE STIFFENERS
STC RATINGS (ASTM E90, ASTM E413)	18 GAUGE SKINS - 38 STC STC LABEL IS NOT AVAILABLE WITH THIS SERIES
FIRE RATING (UL OR WH), (UL 10C TEST METHOD)	20, 45, 60, 90 OR 180 MINUTES 18 GA. AND 16 GA. DOORS SIZES: 4 FT BY 8 FT SINGLES 8 FT BY 8 FT PAIRS GLASS: FULL GLASS LIGHT IS AVAILABLE UP TO 90 MINUTES WITH 6" MINIMUM STILES AND RAILS 20, 45, 60, OR 90 MINUTES 18, 16, AND 14 GA. DOORS VERTICAL ROD HARDWARE ONLY NO ASTRAGALS ALLOWED 4 FT BY 9 FT SINGLES 8 FT BY 9 FT PAIRS 14 GA PAIRS MUST BE CVR BY CVR GLASS: FULL GLASS LIGHT IS AVAILABLE UP TO 90 MINUTES WITH 6" MAINIMUM STILES AND RAILS
THERMAL RATING (SDI-113, ASTM C1363) *ENERGY EFFICIENT FACT SHEET*	STANDARD FRAME 0.43 U FACTOR, 2.30 R FACTOR* **R FACTOR IS CALCULATED*
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH PAINTING IS AVAILABLE

777 DOOR - STEEL STIFFENED WITH FIBERGLASS INSULATION

FIRE CERTIFICATION

(UL) UNDERWRITERS LABORATORIES OR
(WH) WARNOCK HERSEY



777E DOOR - STEEL STIFFENED WITH FOAMED IN PLACE POLYURETHANE CORE

MAX NON-RATED SIZE	WIDTH: 4 FT, HEIGHT: 9 FT
PHYSICAL ENDURANCE (ANSI 250.4)	MEETS OR EXCEEDS 1,000,000 CYCLES - LEVEL A
SDI PERFORMANCE LEVELS (ANSI 250.8) *SDI LEVEL CHART*	LEVEL 1 STANDARD DUTY THROUGH LEVEL 4, MAXIMUM DUTY MODEL 1 FULL FLUSH (S EDGE) OR MODEL 2 SEAMLESS (N OR T EDGE) OPTIONS
FACE TYPES	REFERENCE FACE TYPE DOOR PAGES
GLASS THICKNESS	1" MAXIMUM GLASS THICKNESS
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	18, 16, OR 14 GAUGE
THICKNESS	1-3/4"
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM N – INTERMEDIATE SPOT WELDED SEAM, FILLED FLUSH T – CONTINOUSLY WELDED SEAM, FILLED FLUSH * 14 GA. DOORS MUST BE T EDGE
TOP AND BOTTOM END CHANNELS	16 GAUGE 18 GAUGE TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK • RIM EXIT DEVICE • SURFACE VERTICAL ROD DEVICE • CONCEALED VERTICAL ROD DEVICE *THRU BOLTS ARE NOT PREPPED FOR EXIT DEVICES ON THIS DOOR.*
CORE	22-GAUGE STEEL-STIFFENERS WELDED TO 22-GAUGE LINER, LINER LAMINATED TO FACE SHEETS, FOAMED IN PLACE POLYURETHANE BETWEEN THE STIFFENERS
FIRE RATING (UL OR WH), (UL 10C TEST METHOD)	20, 45, 60, 90 OR 180 MINUTES 18 GA. AND 16 GA. DOORS SIZES: 4 FT BY 8 FT SINGLES 8 FT BY 8 FT PAIRS GLASS: FULL GLASS LIGHT IS AVAILABLE UP TO 90 MINUTES WITH 6" MINIMUM STILES AND RAILS
THERMAL RATING (SDI-113, ASTM C1199) *ENERGY EFFICIENT FACT SHEET*	STANDARD FRAME 0.41 U FACTOR, 2.44 R FACTOR* MERCURY 3 THERMAL BREAK FRAME 0.34 U FACTOR, 2.92 R FACTOR **R FACTOR IS CALCULATED*
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH PAINTING IS AVAILABLE

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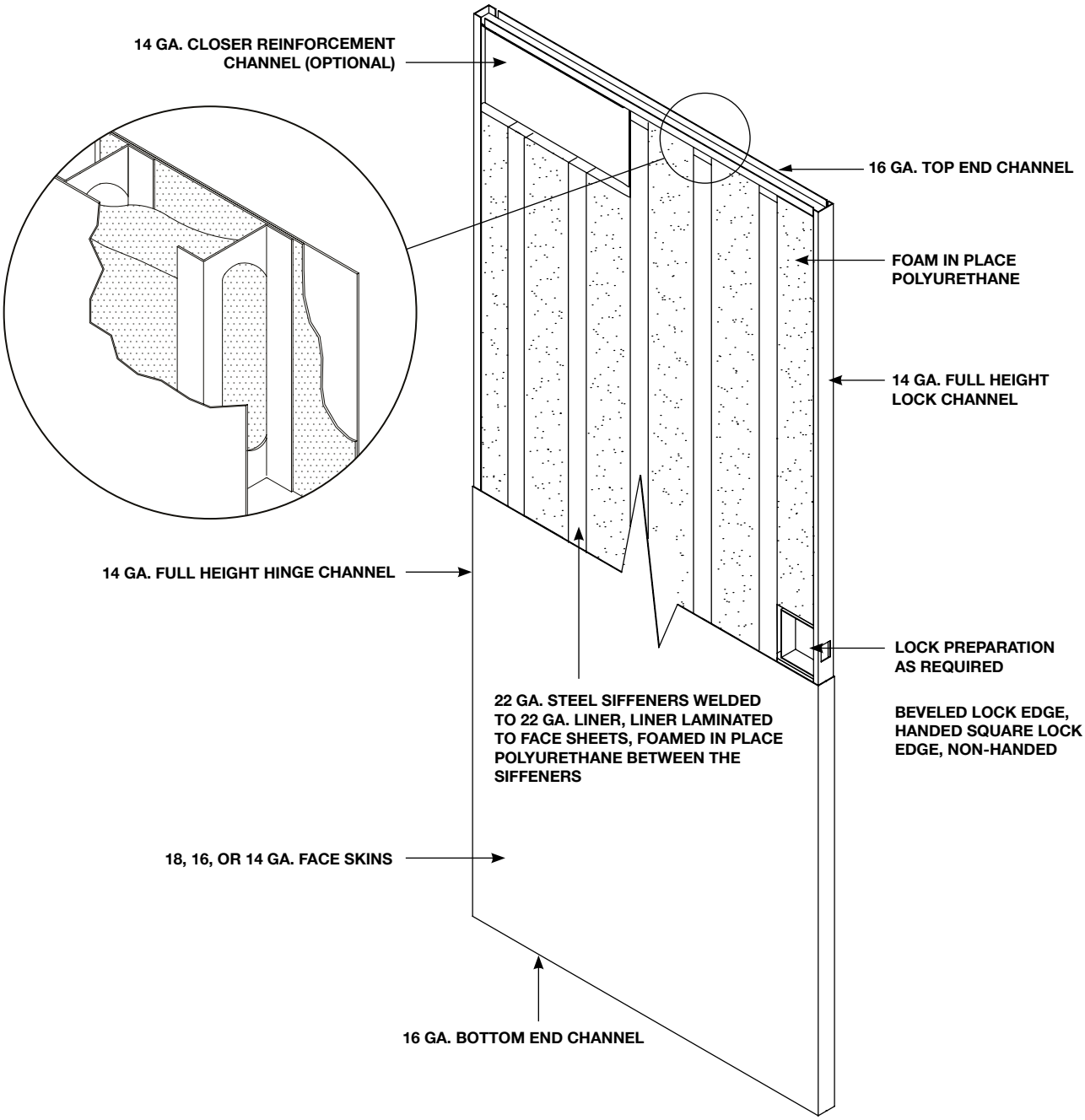
777E DOOR - STEEL STIFFENED WITH FOAMED IN PLACE POLYURETHANE CORE

1-3/4" VERTICALLY STEEL STIFFENED POLYURETHANE CORE DOOR

FIRE CERTIFICATION

(UL) UNDERWRITERS LABORATORIES OR
(WH) WARNOCK HERSEY



847 DOOR - COMMERCIAL SECURITY

MAX NON-RATED SIZE	WIDTH: 5 FT, HEIGHT: 10 FT
PHYSICAL ENDURANCE (ANSI 250.4)	MEETS OR EXCEEDS 1,000,000 CYCLES - LEVEL A
SDI PERFORMANCE LEVELS (ANSI 250.8) *SDI LEVEL CHART*	LEVEL 1 STANDARD DUTY THROUGH LEVEL 4, MAXIMUM DUTY MODEL 1 FULL FLUSH (S EDGE) OR MODEL 2 SEAMLESS (N OR T EDGE) OPTIONS
NAAMM/HMMA/ANSI	NAAMM HMMA 862-87 ANSI/NAAMM HMMA 861-00
FACE TYPES	REFERENCE FACE TYPE DOOR PAGES
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	14 GAUGE
THICKNESS	1-3/4"
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM N – INTERMEDIATE SPOT WELDED SEAM, FILLED FLUSH T – CONTINOUSLY WELDED SEAM, FILLED FLUSH
TOP AND BOTTOM END CHANNELS	16 GAUGE TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK • RIM EXIT DEVICE • SURFACE VERTICAL ROD DEVICE • CONCEALED VERTICAL ROD DEVICE *DETENTION-GRADE HARDWARE PREPARATIONS ARE NOT AVAILABLE*
CORE	18 GAUGE STEEL STIFFENERS WITH FIBERGLASS INSULATION
FIRE RATING (UL OR WH)	20, 45, 60, 90 OR 180 MINUTES SIZES: 4 FT BY 10 FT SINGLES 8 FT BY 10 FT PAIRS GLASS: FULL GLASS LIGHT IS AVAILABLE UP TO 90 MINUTES WITH 6" MINIMUM STILES AND RAILS
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH PAINTING IS AVAILABLE

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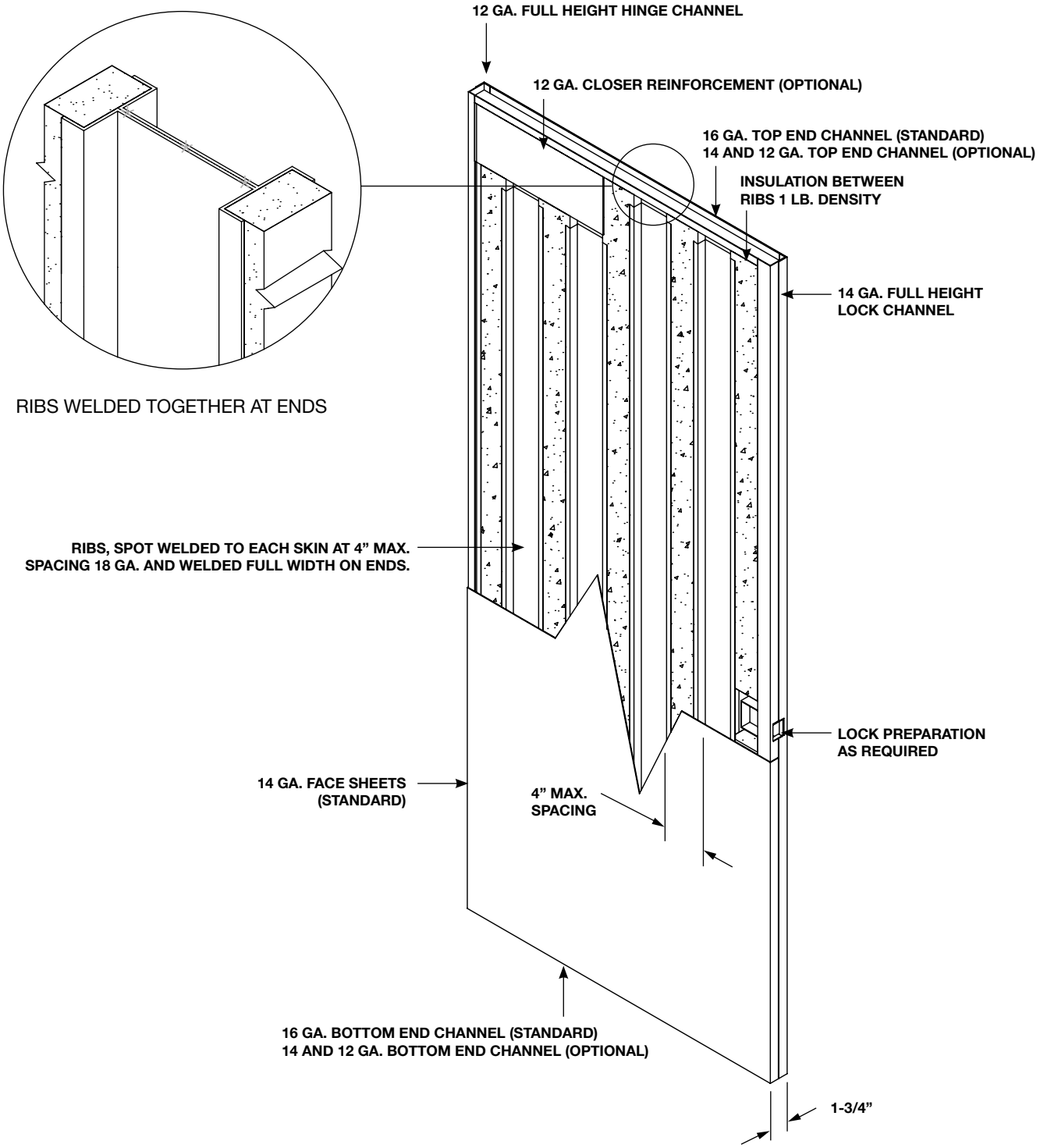
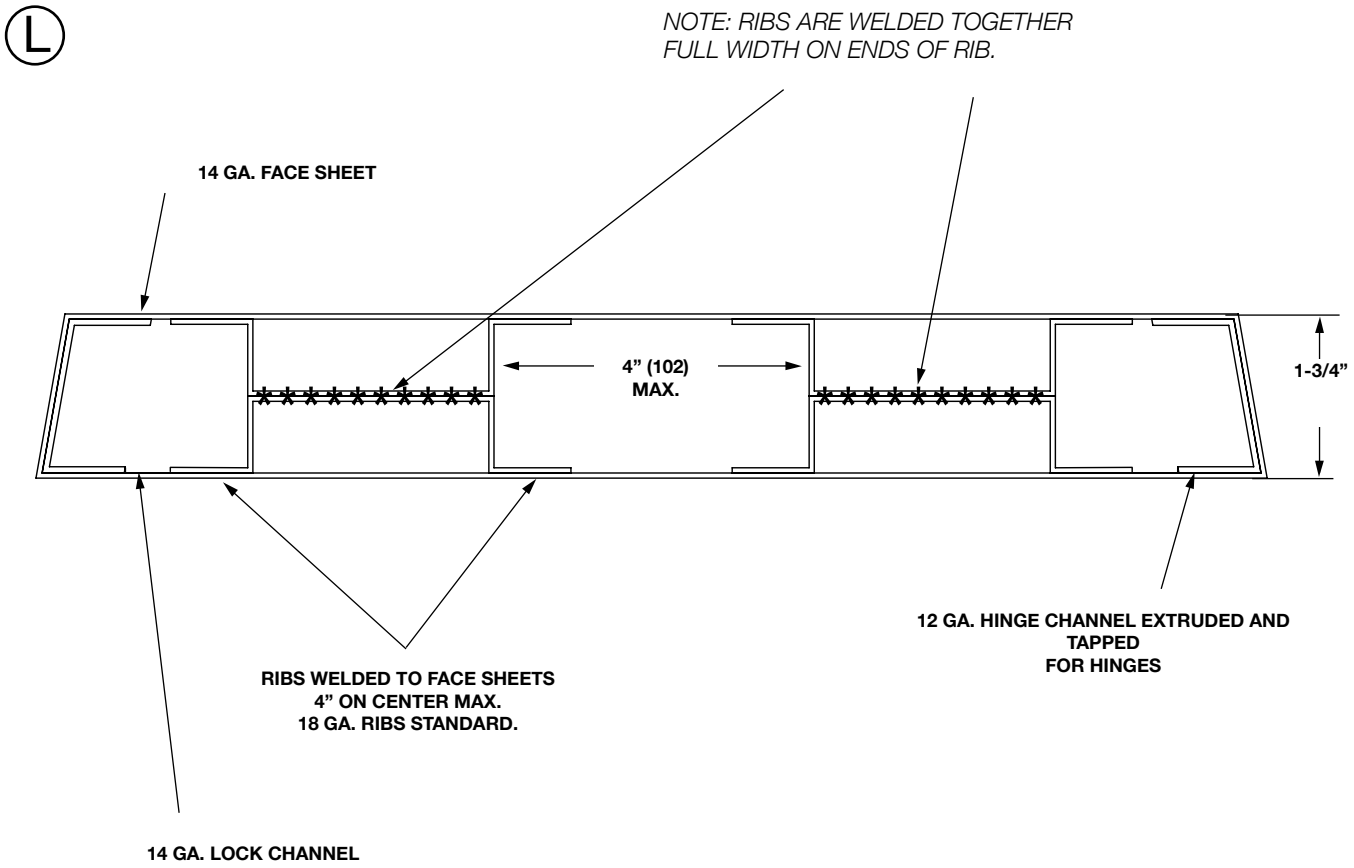
847 DOOR - COMMERCIAL SECURITY

FIRE CERTIFICATION

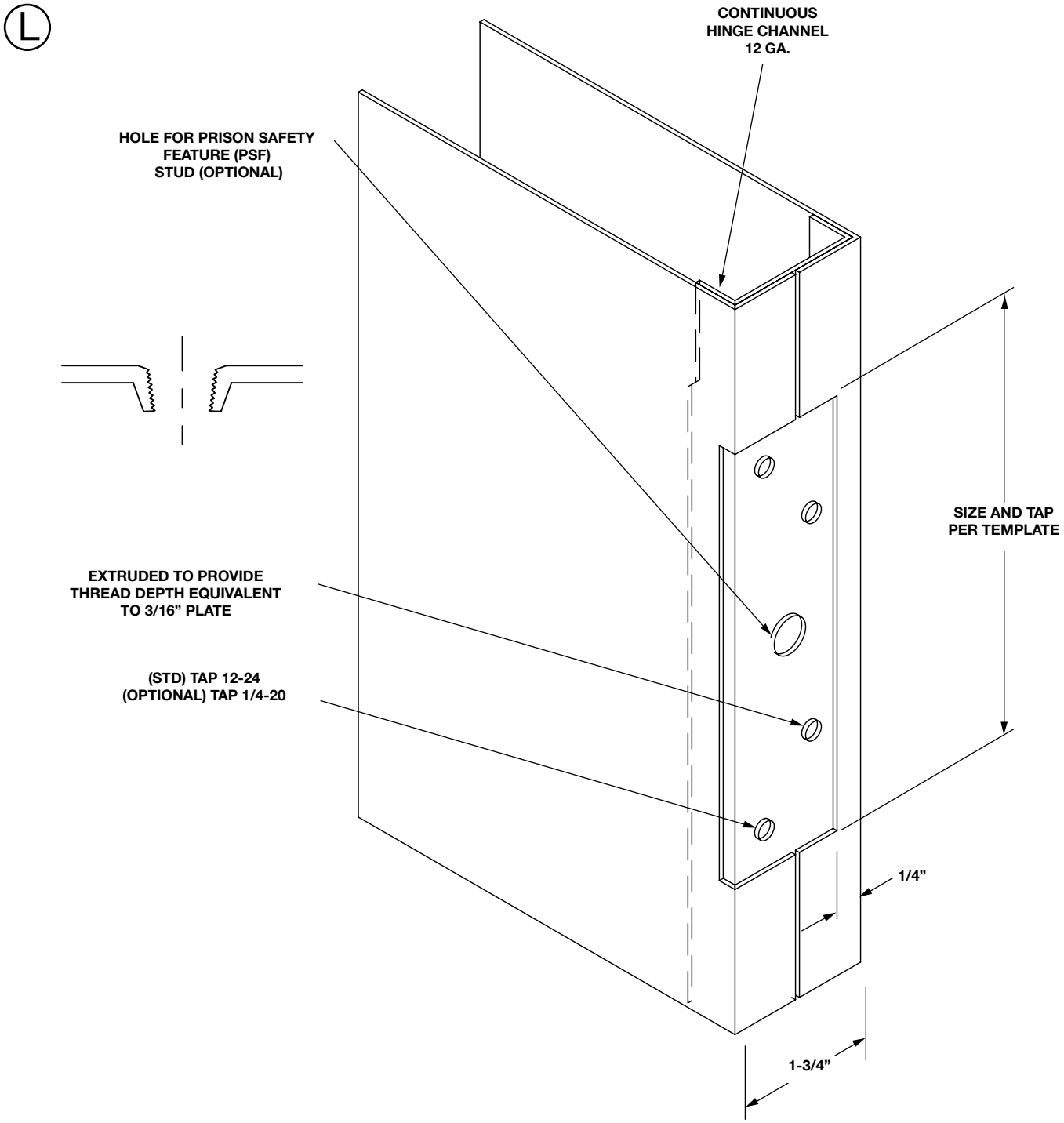
(UL) UNDERWRITERS LABORATORIES OR
(WH) WARNOCK HERSEY



847 DOOR - COMMERCIAL SECURITY

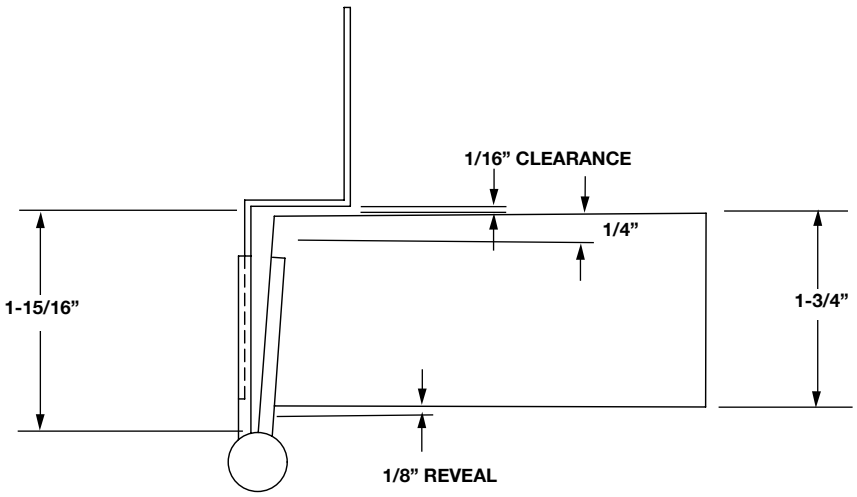


847 DOOR - COMMERCIAL SECURITY HINGE CHANNEL REINFORCEMENT

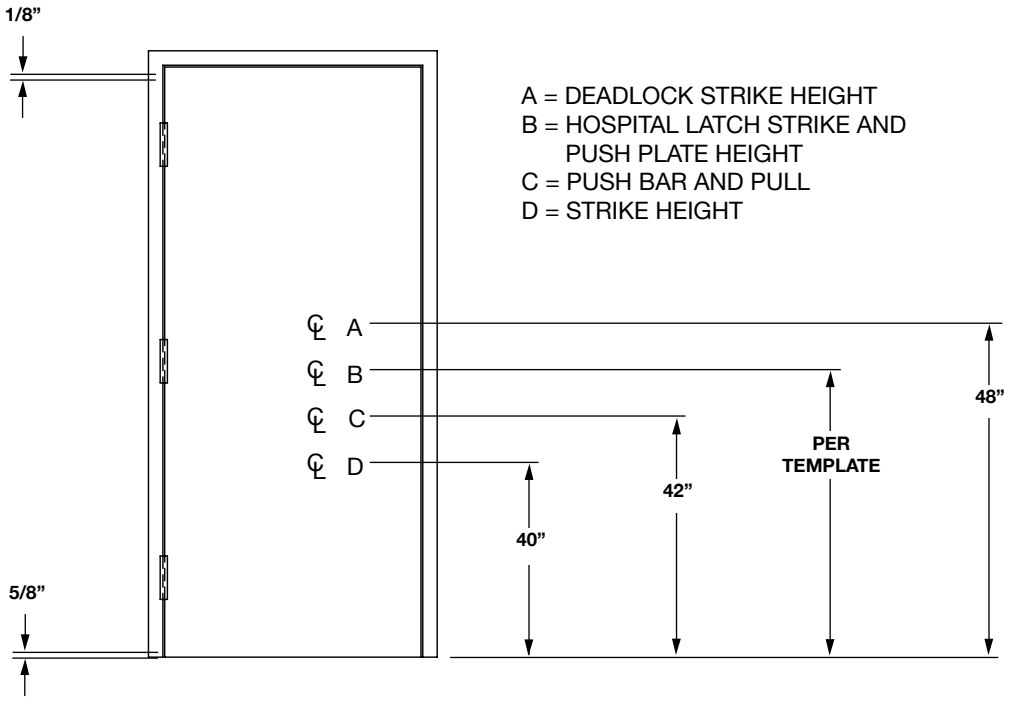


847 DOOR - COMMERCIAL SECURITY
STANDARD HARDWARE LOCATION

STANDARD HINGE BACKSET
"G" BEVEL DOOR SHOWN

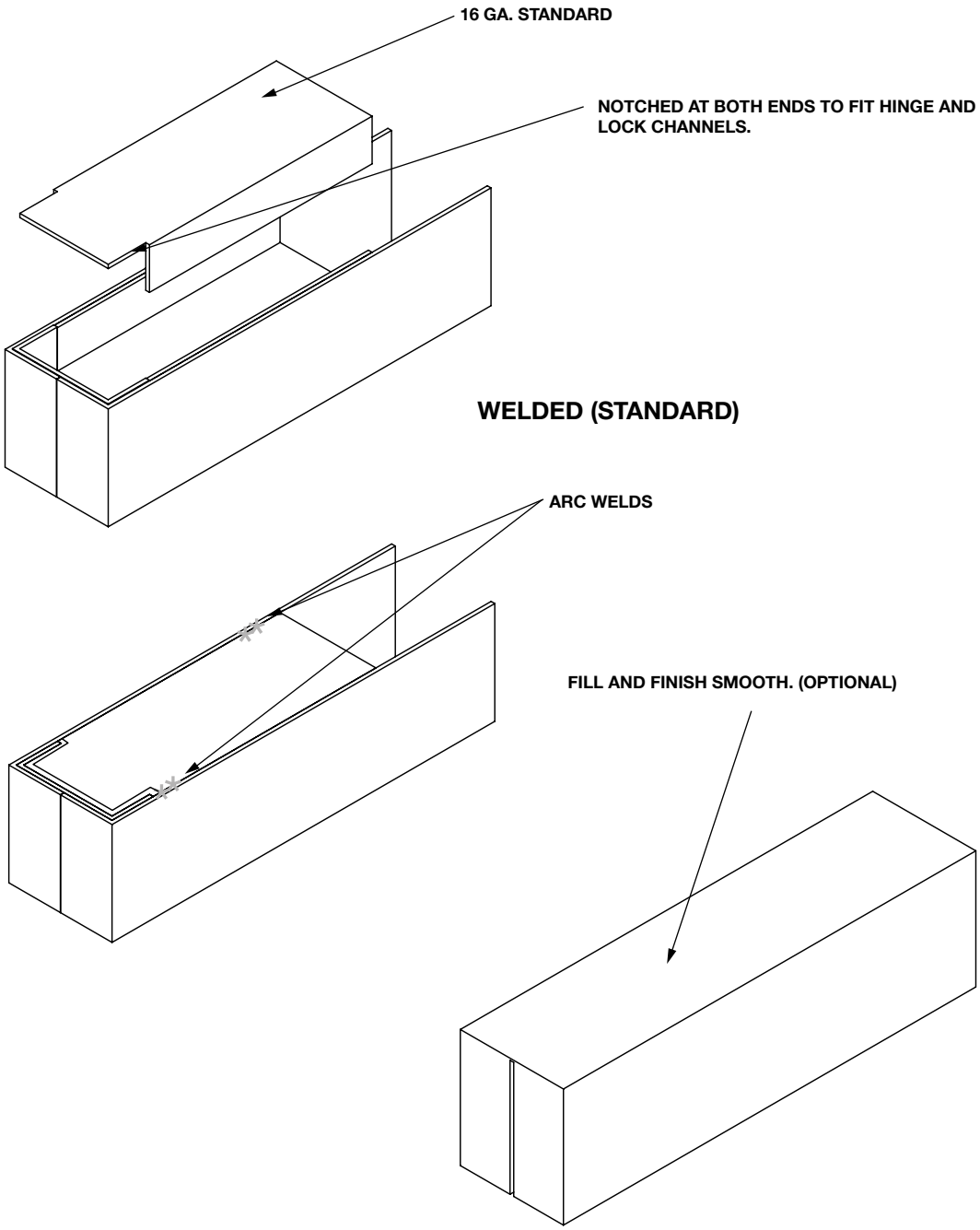


STRIKE LOCATIONS



847 DOOR - COMMERCIAL SECURITY

TOP (BOTTOM OPTIONAL) FLUSH CAP



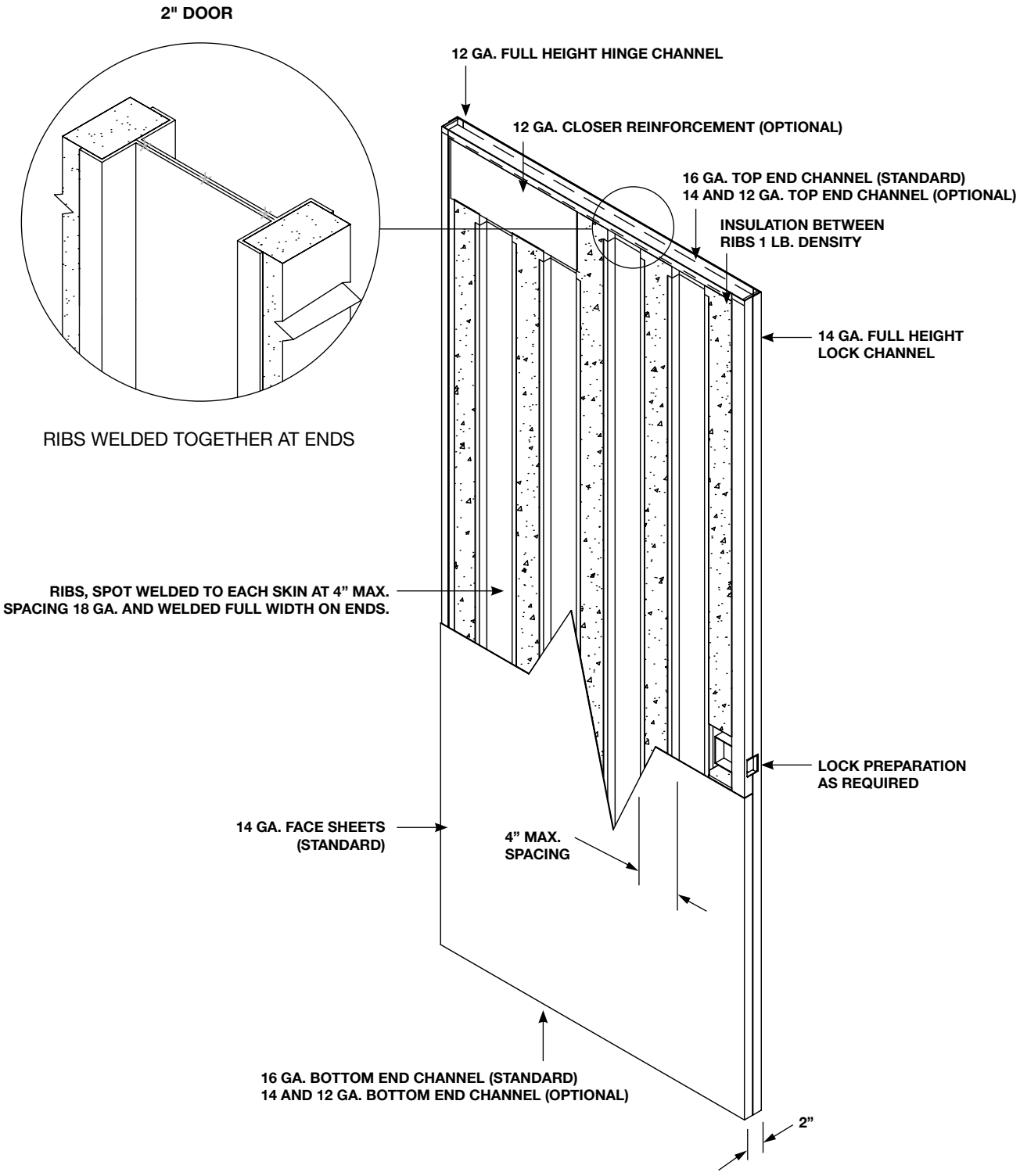
857 DOOR - STEEL STIFFENED WITH FIBERGLASS INSULATION

MAX NON-RATED SIZE	WIDTH: 4 FT, HEIGHT: 8 FT
NAAMM/HMMA/ANSI	NAAMM HMMA 862-87 ANSI/NAAMM HMMA 861-00
FACE TYPES	REFERENCE FACE TYPE DOOR PAGES
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	14 GAUGE
THICKNESS	2"
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM N – INTERMEDIATE SPOT WELDED SEAM, FILLED FLUSH T – CONTINOUSLY WELDED SEAM, FILLED FLUSH
TOP AND BOTTOM END CHANNELS	16 GAUGE TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK • RIM EXIT DEVICE • SURFACE VERTICAL ROD DEVICE • CONCEALED VERTICAL ROD DEVICE *DETENTION-GRADE HARDWARE PREPARATIONS ARE NOT AVAILABLE*
CORE	18 GAUGE STEEL STIFFENERS WITH FIBERGLASS INSULATION
FIRE RATING (UL OR WH) (UL 10C TEST METHOD)	WH ONLY 20, 45, 60, 90 OR 180 MINUTES SIZES: 4 FT BY 8 FT SINGLES GLASS: 1296 SQ INCHES OR GLASS IS AVAILABLE UP TO 60 MINUTES WITH 6” MINIMUM STILES AND RAILS UL ONLY 20, 45, 60, 90, OR 180 MINUTES SIZES: 8 FT BY 8 FT PAIRS PAIRS REQUIRE AN ASTRAGAL GLASS: FULL GLASS LIGHT IS AVAILABLE UP TO 90 MINUTES WITH 6" MINIMUM STILES AND RAILS
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH PAINTING IS AVAILABLE

857 DOOR - STEEL STIFFENED WITH FIBERGLASS INSULATION

FIRE CERTIFICATION

(UL) UNDERWRITERS LABORATORIES OR
(WH) WARNOCK HERSEY



857 DOOR - RIB CROSS SECTION

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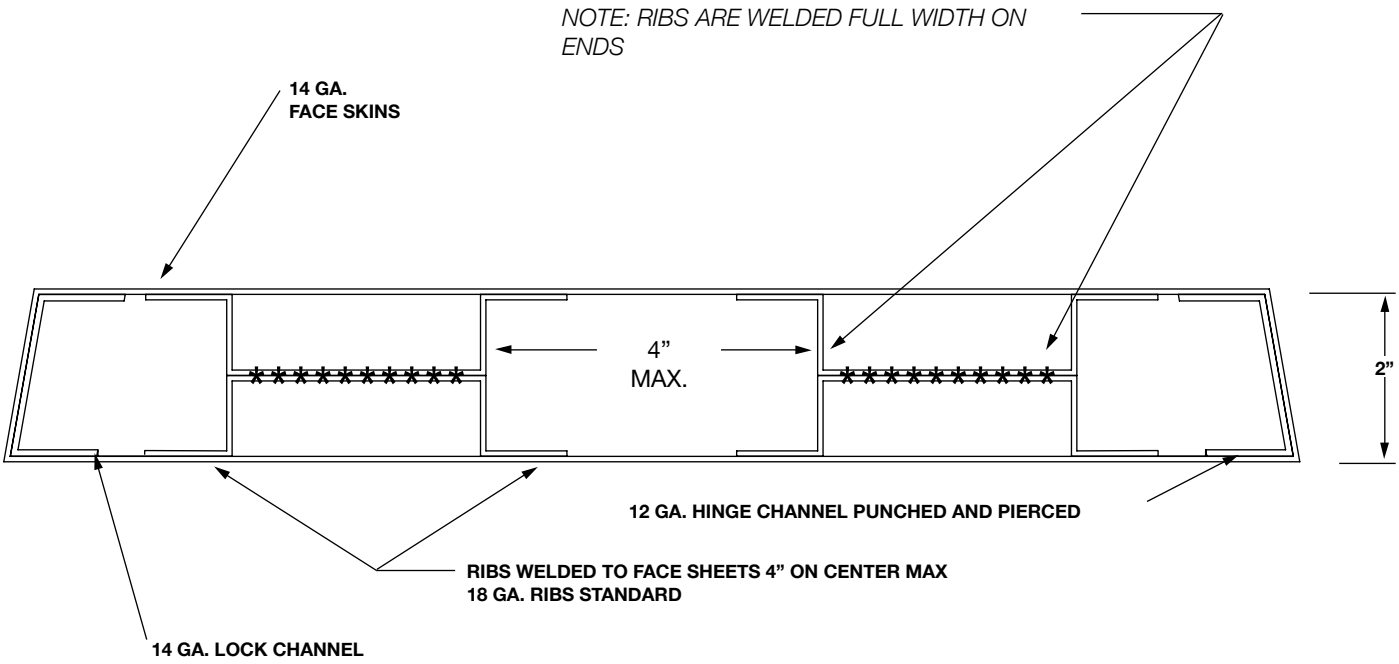
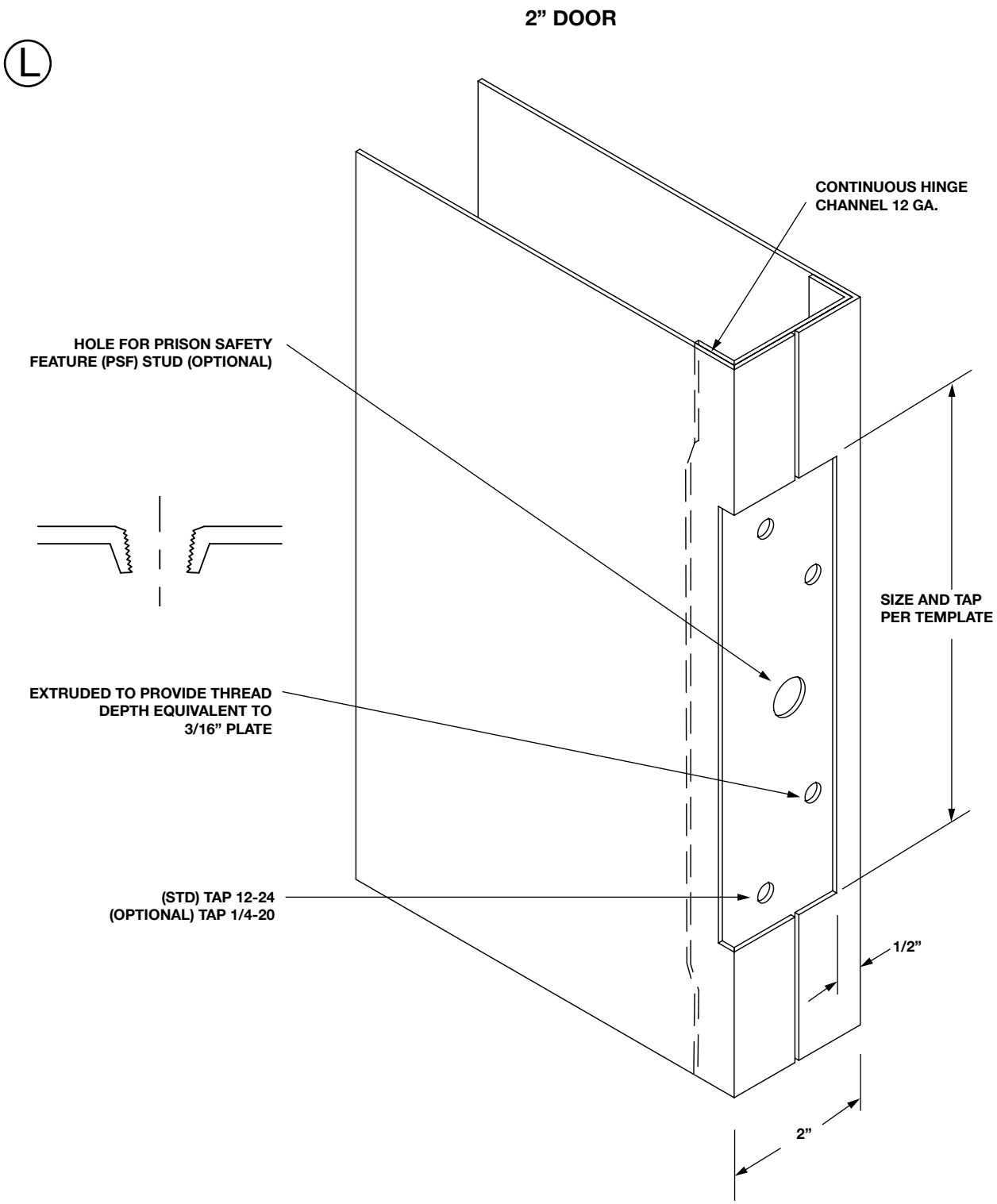
2" DOOR



857 DOOR - SECURITY HINGE CHANNEL REINFORCEMENT



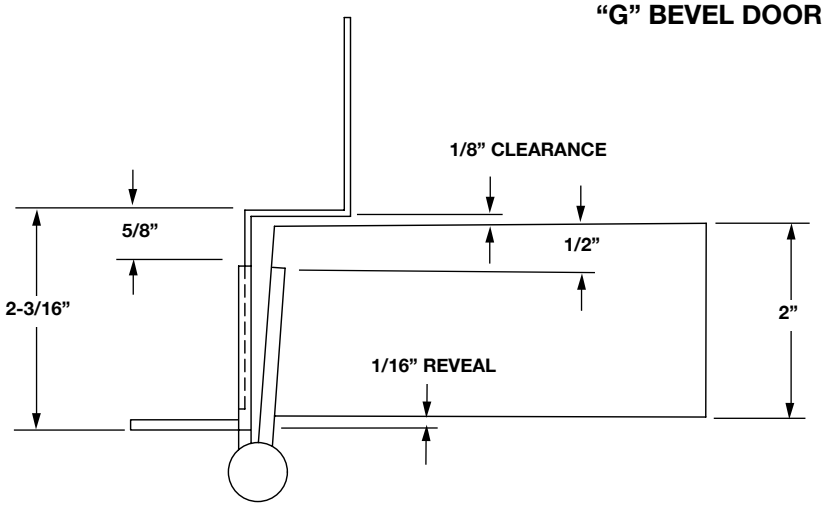
857 DOOR - STANDARD HARDWARE LOCATIONS

STANDARD HINGE BACKSET

2" DOOR

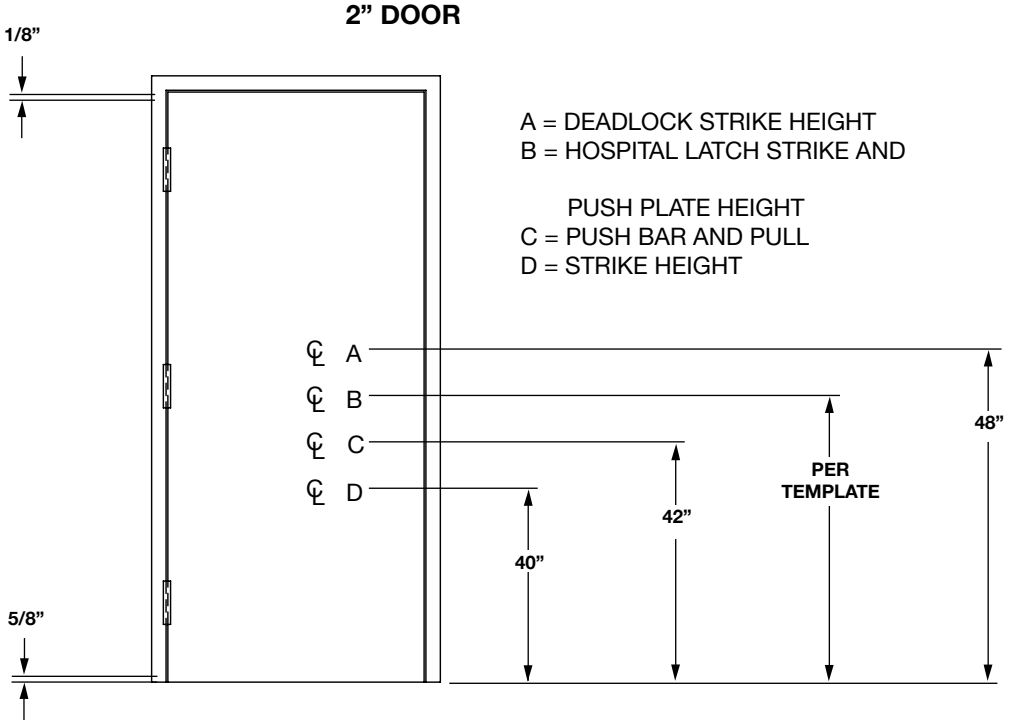
L

"G" BEVEL DOOR SHOWN



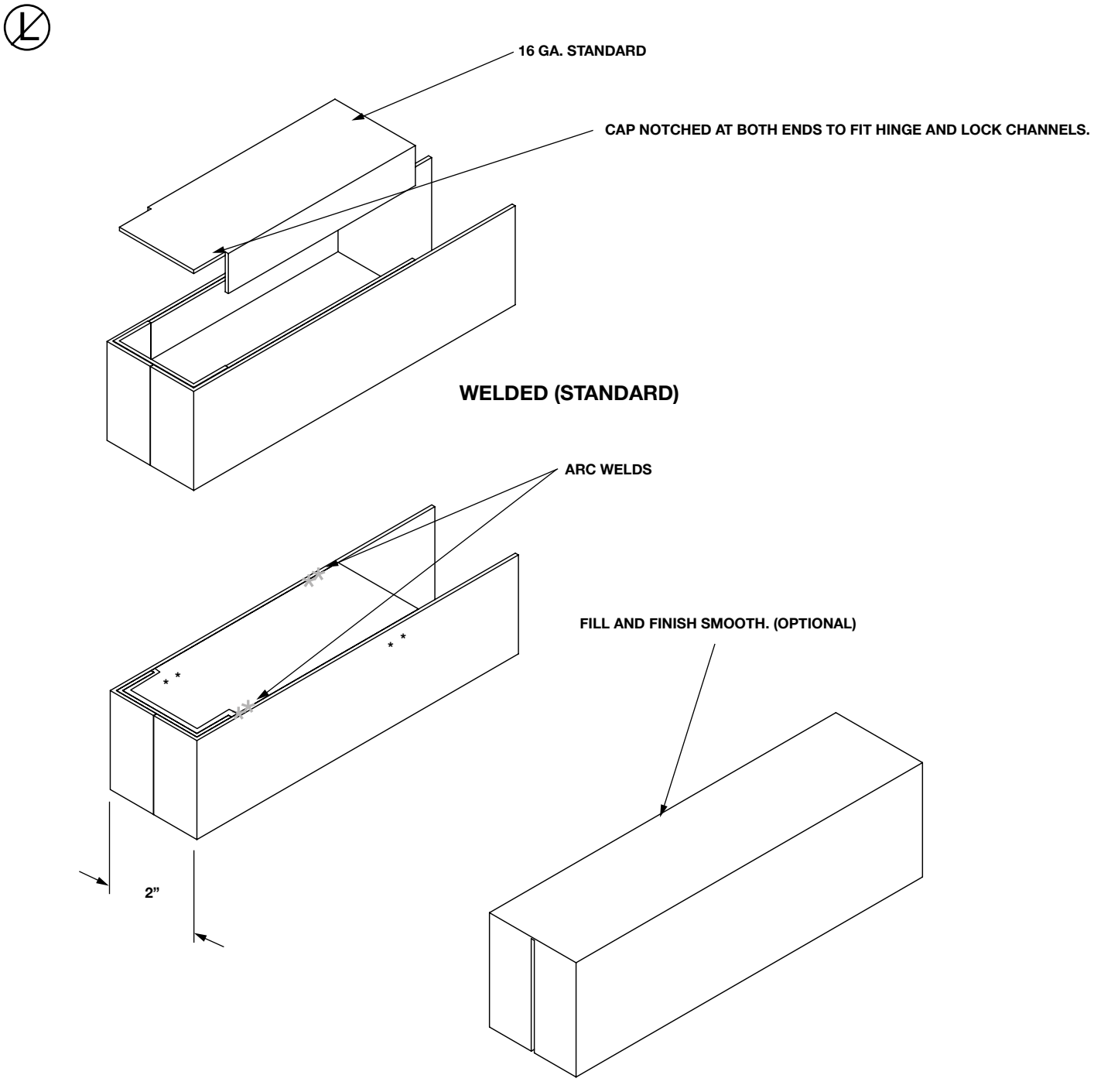
STRIKE LOCATIONS

2" DOOR



857 DOOR - TOP (BOTTOM OPTIONAL) FLUSH CHANNEL

2" DOOR



857 DOOR - STANDARD DOOR CLEARANCES

DOORS ORDERED FOR OTHER THAN CURRIES LOCATIONS WILL GET THE STANDARD UNDERCUT OF THE SPECIFIED MANUFACTURER.

2" DOOR

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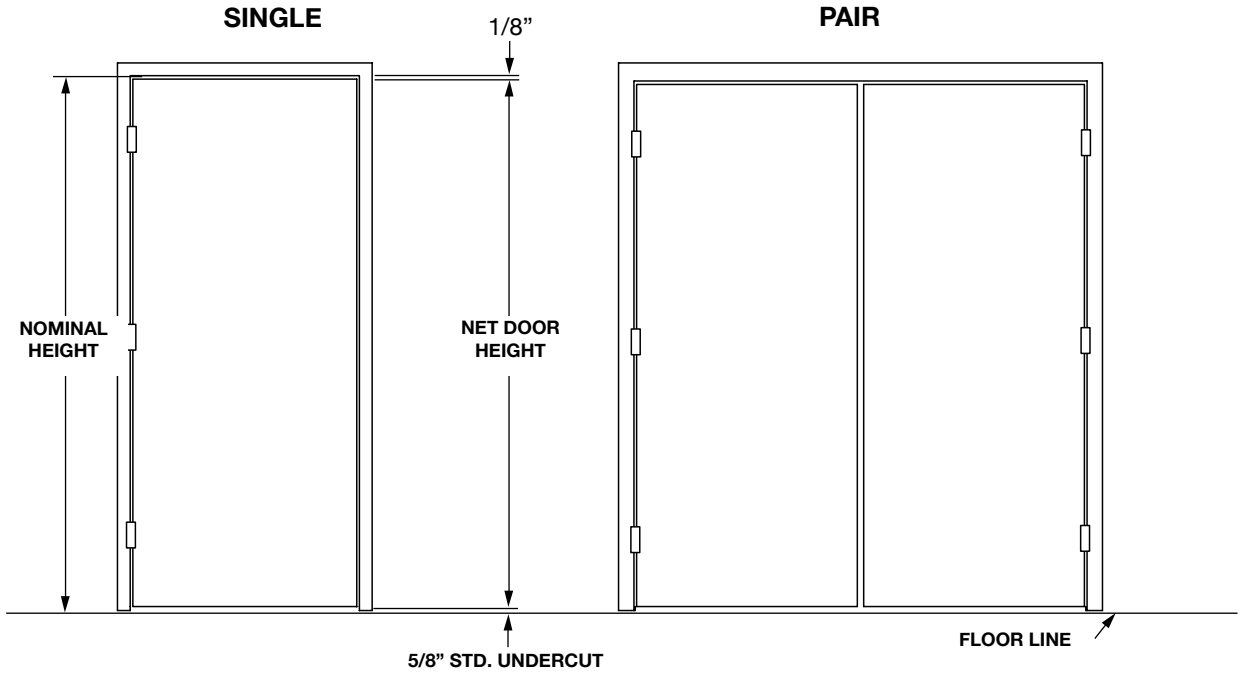

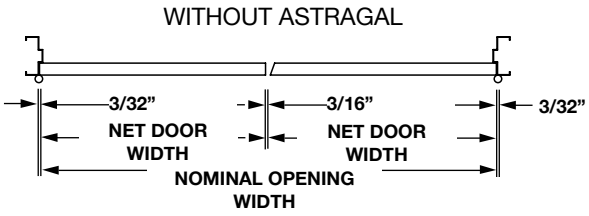

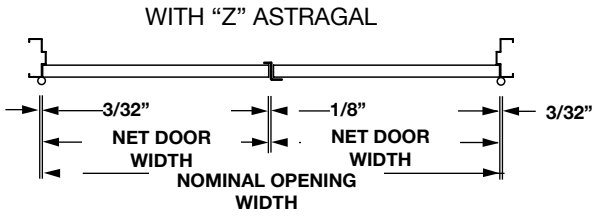

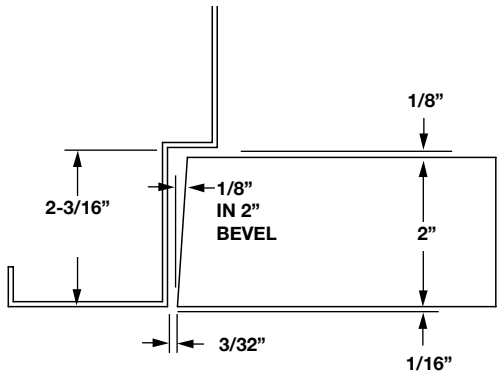

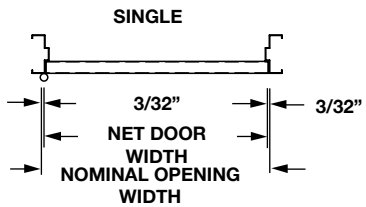

857 DOOR - G2 GOVT. 161 REINF. CYLINDRICAL LOCK

2" DOOR

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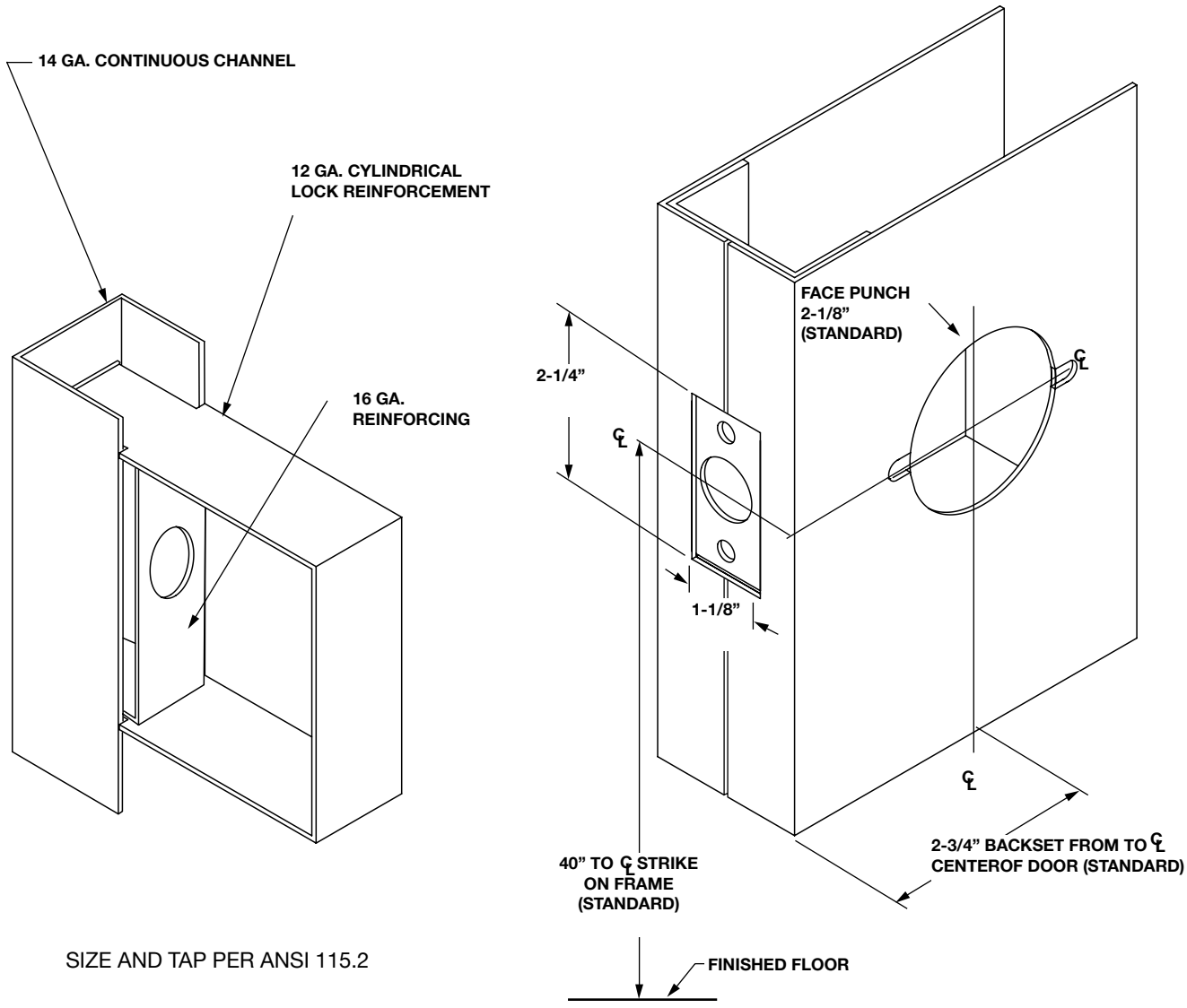

SIZE AND TAP PER ANSI 115.2

DUTCH DOOR

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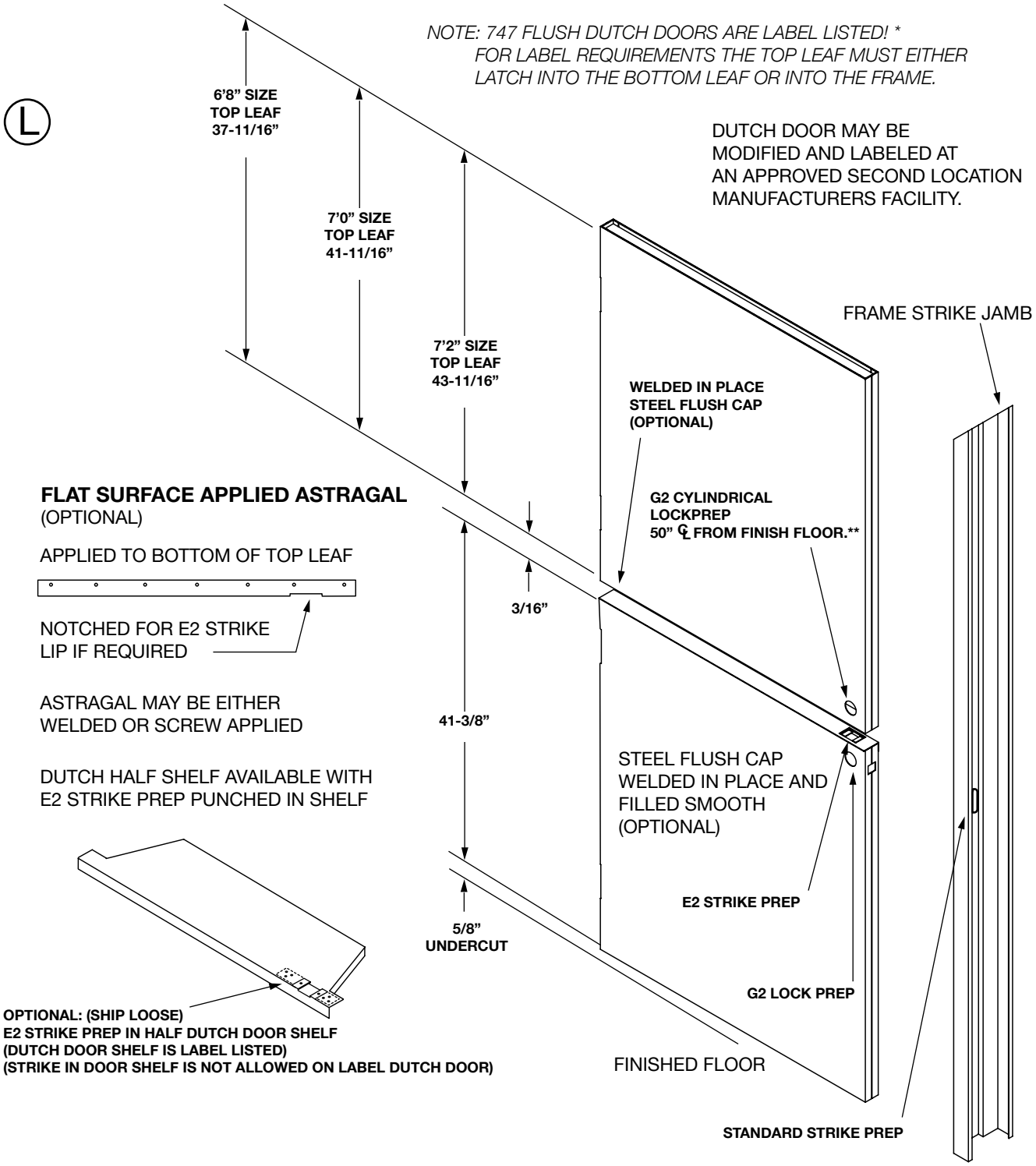
MAXIMUM NON-FIRE RATED SIZE	WIDTH: 5 FT HEIGHT: 10 FT
FACE TYPE	REFERENCE FACE TYPE DOOR PAGES
STEEL TYPES	COLD ROLLED STEEL, A40, A60 GALVANNEALED, OR G90 GALVANIZED
STEEL GAUGE	18, 16, OR 14 GAUGE
THICKNESS	1-3/4”
VERTICAL DOOR EDGE SEAM	S – VISIBLE SEAM N – INTERMEDIATE SPOT WELDED SEAM, FILLED FLUSH T – CONTINOUSLY WELDED SEAM, FILLED FLUSH
TOP AND BOTTOM END CHANNELS	16 GAUGE TOP AND BOTTOM CAPS ARE AVAILABLE
HARDWARE	HOLLOW METAL DOOR HARDWARE – COMMON HARDWARE OPTIONS INCLUDE: • CYLINDRICAL LOCK • MORTISE LOCK • DUTCH DOOR SHELF AVAILABLE • ADDITIONAL LATCHING HARDWARE MAY BE AVAILABLE, CONTACT FACTORY FOR DETAILS.
CORE	STEEL STIFFENED WITH FIBERGLASS INSULATION *CONTACT FACTORY FOR OTHER AVAILABLE OPTIONS
FIRE RATING (WH) (UL10C TEST METHOD)	20, 45, 60, 90 OR 180 MINUTES (747 SERIES ONLY) SINGLE DOORS ONLY MORTISE OR CYLINDRICAL LOCKS ONLY ASTRAGAL REQUIRED BETWEEN THE LEAFS DUTCH DOOR SHELF IS AVAILABLE WITH FIRE RATING BOTH LEAFS MUST HAVE A LISTED LOCK LATCHING INTO THE FRAME OR TOP LEAF MUST LATCH INTO THE BOTTOM LEAF AND BOTTOM LEAF INTO THE FRAME SIZES: 3 FT BY 8 FT MAX WIDTH 7 FT 2 IN. MAX HEIGHT GLASS: FULL GLASS LIGHT ON EACH LEAF IS AVAILABLE UP TO 90 MINUTES WITH 6” MINIMUM STILES AND RAILS
FINISH (ANSI A250.10)	WATER-BASED GRAY PRIMER FACTORY PRE-FINISH PAINTING IS AVAILABLE

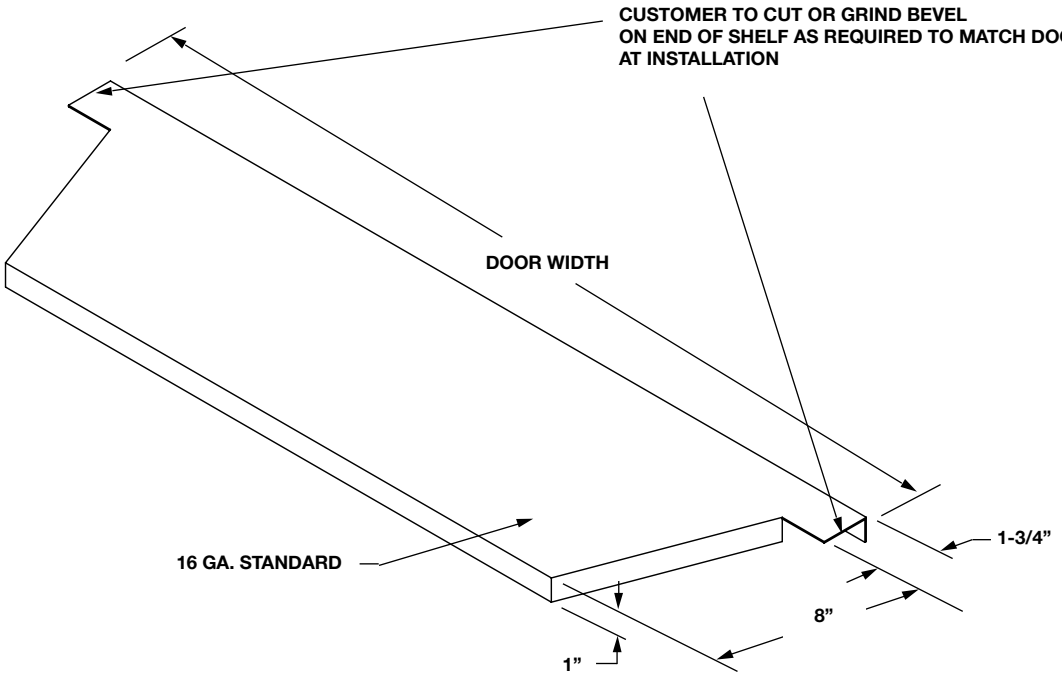
DUTCH DOOR



3'6" X 7'2" 15 MAX. LABEL SIZES FOR 747, 18 OR 16 GAUGE.
*** PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED. 48" CL IS NOT PRACTICAL WITH SOME DEADLOCKS.*

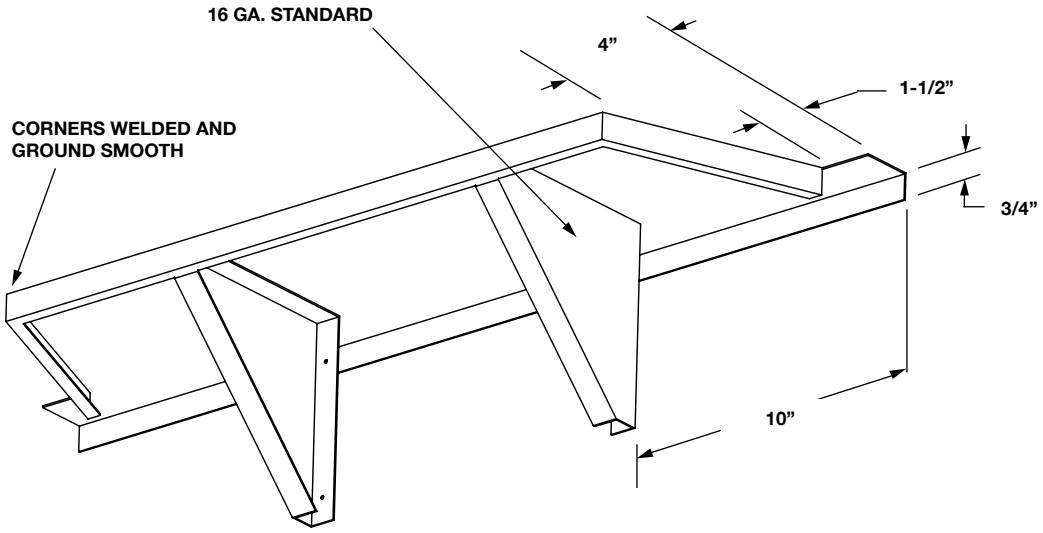
DUTCH DOOR SHELF

TOP VIEW



NOTE: DOORS 3’4” AND WIDER
ADD A THIRD BRACKET LOCATED MIDWAY BETWEEN TWO SHOWN

BOTTOM VIEW



DUTCH DOOR DOUBLE SHELF

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TOP VIEW

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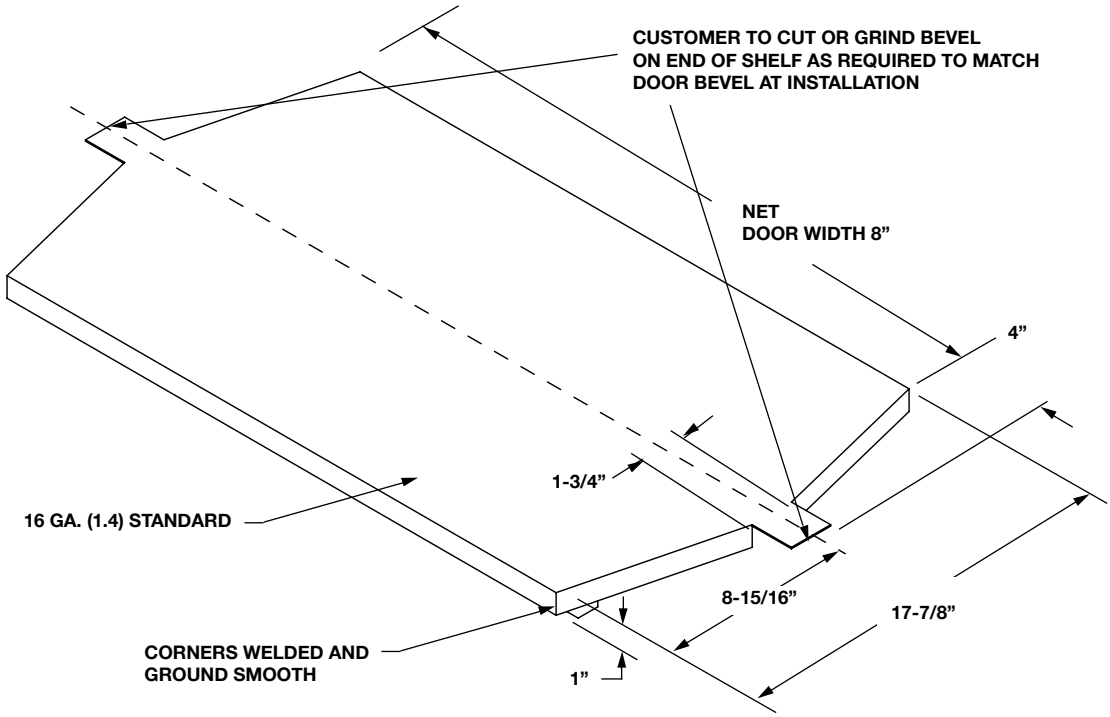
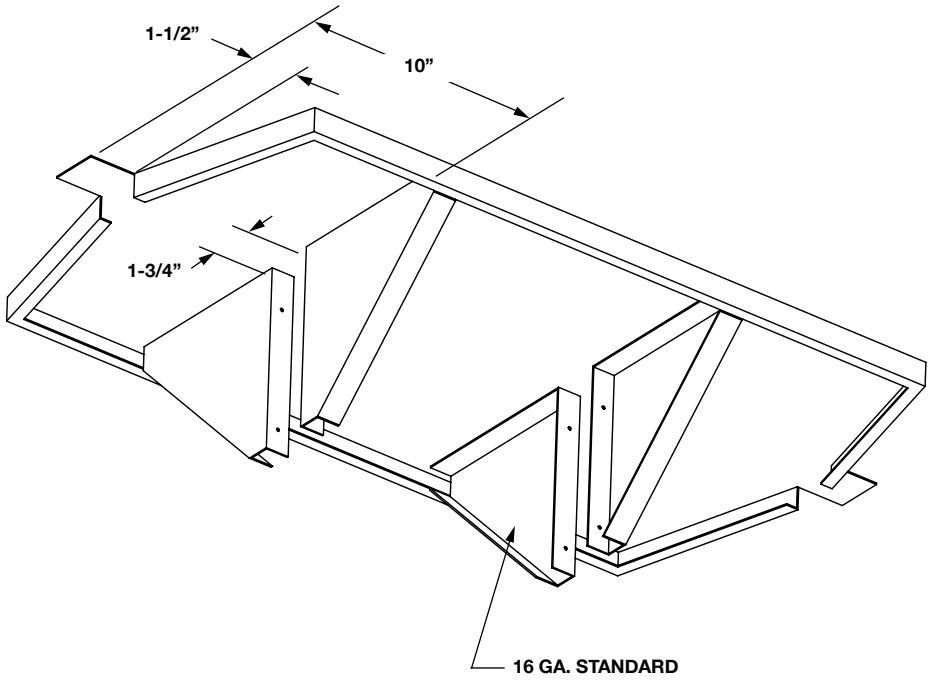


BOTTOM VIEW



BEHAVIORAL HEALTHCARE PATIENT ROOM ACCESS OPENING

FIRE DOOR LIMITATIONS

MAXIMUM RATING: 45 MINUTES (WARNOCK HERSEY)
MAXIMUM SIZE: 4'0" X 7'2" (ENTRANCE DOOR)
CORE TYPE: STEEL STIFFENED ONLY (747)
DOOR FACE GAUGE: ENTRY: 14 GA; ACCESS: 18 GA.

VISION LIGHT: MAXIMUM 216 SQ IN. TYPE 11, 4, OR 7 KIT
FRAME REQUIREMENTS: MINIMUM 16 GAUGE, KD OR WELDED, MASONRY OR DRYWALL (COMPRESSION ANCHORS NOT ALLOWED)

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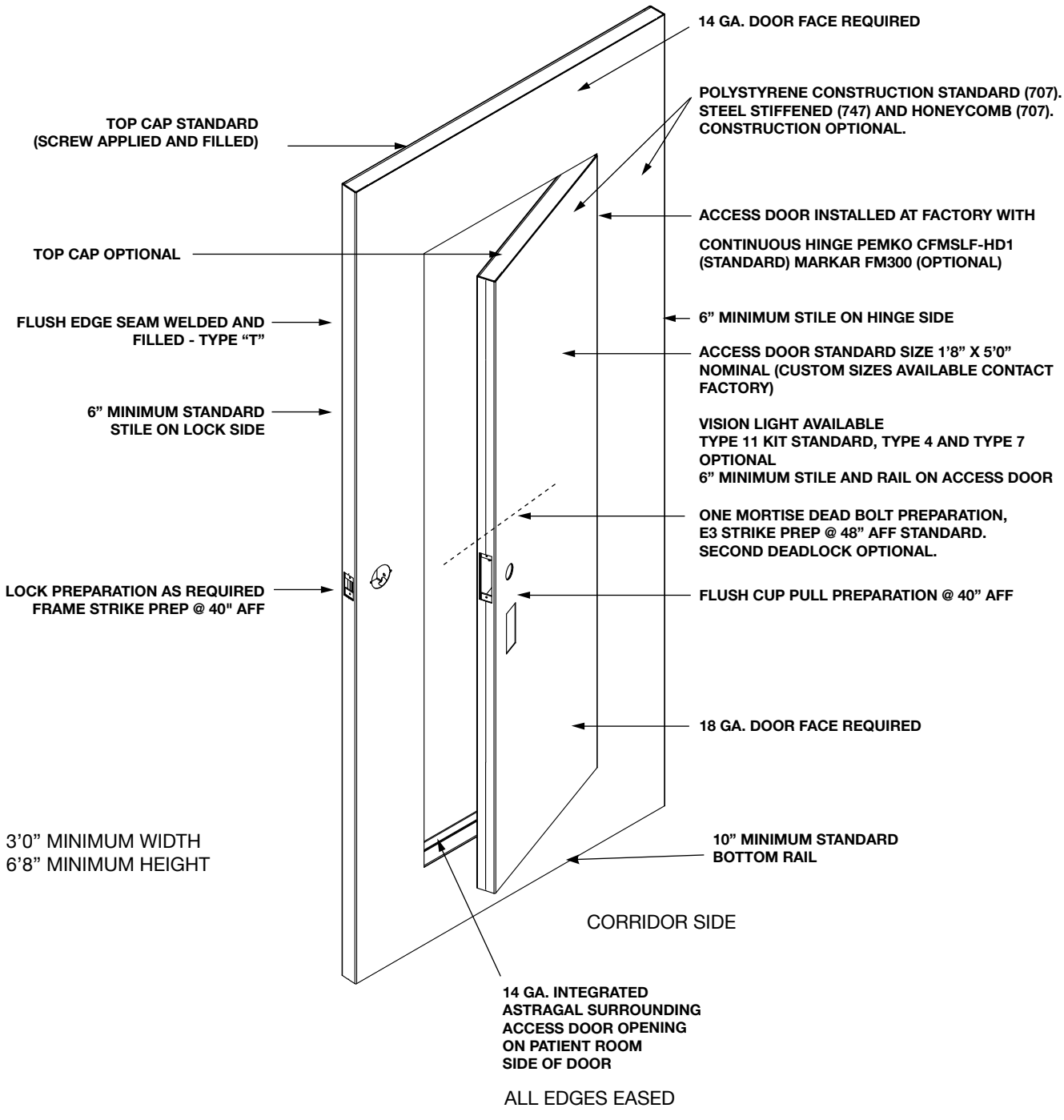
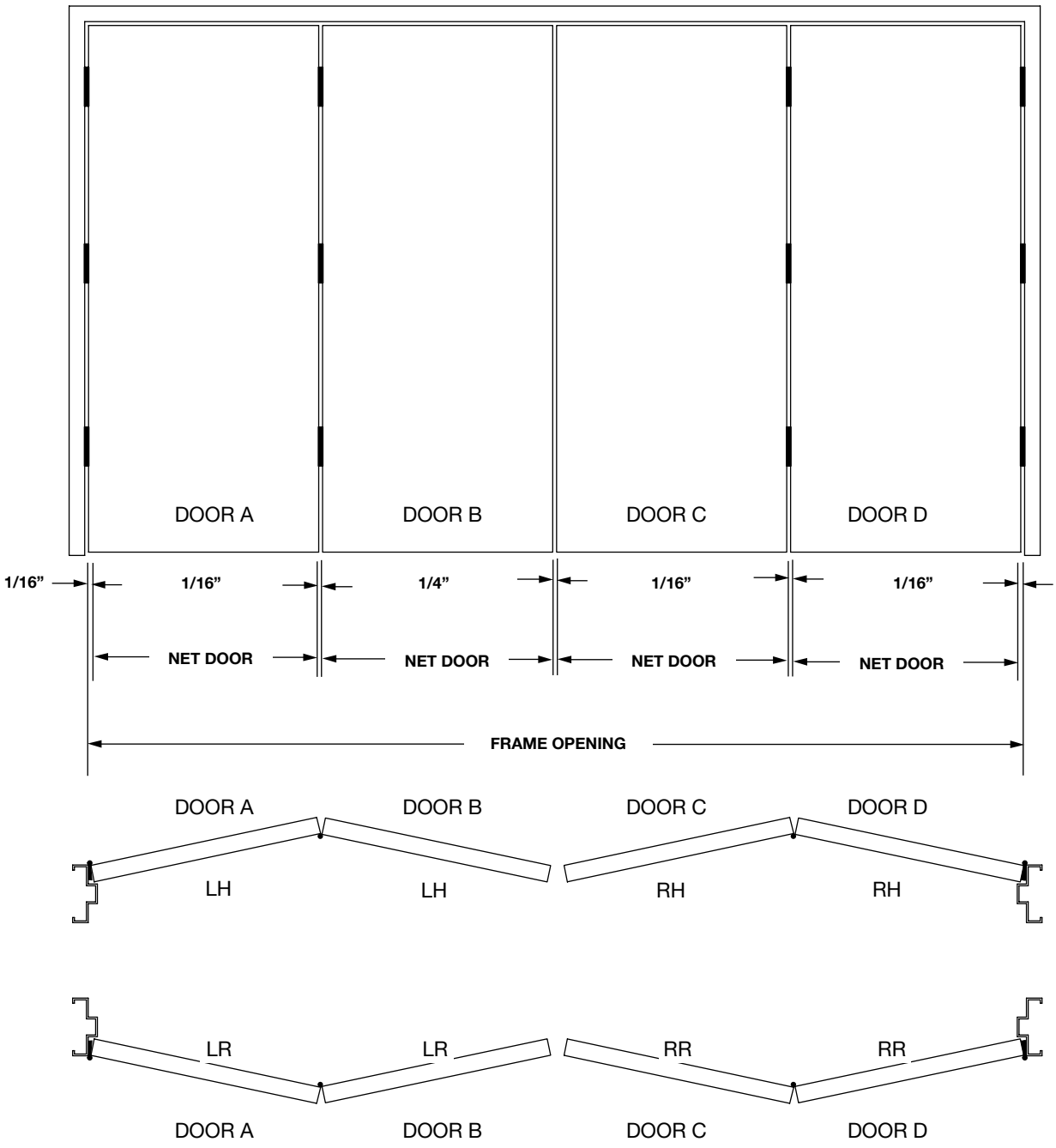


BI-FOLD DOORS

2 PAIR



STANDARD CLEARANCES SHOWN WITH SQUARE EDGE DOORS AND MORTISE HINGES. HARDWARE APPLICATIONS CAN CHANGE STILES, BEVELS, AND BOTTOM UNDERCUT. ALWAYS ADVISE FACTORY OF FRAME SIZE AND COMPLETE HARDWARE SET WHEN ORDERING.

CURRISTAIN AND CURRISTAIN SMOOTH GRAIN (SG) DOOR WITH "H" ASTRAGAL

CURRISTAIN (A1) 18 or 16 gauge galvanneal steel with .005" deep oak wood grain embossment
CURRISTAIN SG (A2) 18 or 16 gauge galvanneal smooth steel with tight grain stain design similar to cherry or maple.

Available 707 Series "S" edge seam only.4'0" x 9'0" (1219 x 2743.2) max. door size for 707. Type 1 and Type 2 window kits available.

CURRISTAIN EMBOSSED

CURRISTAIN SMOOTH GRAIN

CURRISTAIN AND CURRISTAIN SG FINISH COLORS

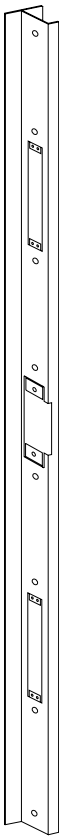
Natural	Cocoa
Wheat	Cabernet
Cashew	Java

VISIT CURRIES CURRISTAIN WEB PAGE FOR MORE INFORMATION.

EMBOSSED ***SMOOTH GRAIN***

CUSTOM COLOR MATCH
Custom stain color matching is available. Send physical sample to be matched to your Customer Service Professional. Additional lead-times may apply.

STAIN – Stains used are solvent based products. Uniform application of stain by spraying 1 mil thickness over the entire door surface area and removing the excess stain by brushing or wiping the surface to obtain the desired color and effect. Six standard color choices are available (natural, wheat, cashew, cocoa, cabernet, or java). Custom color matching available for virtually any color.



TOPCOAT – A urethane with UV inhibitors topcoat is spray applied evenly across the surfaces. This UV resistant topcoat provides excellent resistance to normal wear and abuse. This topcoat is proven to be a solid performer for exterior as well as interior installations. The coating system was successfully tested to ANSI Standard A250.3.

WARRANTY – CURRIES steel doors have a warranty for one year on materials and craftsmanship after delivery to the jobsite. CURRIStain factory finish products include this one year warranty. Incidental nicks and scratched may be repaired using touch up "pens" available from the CURRIES factory.

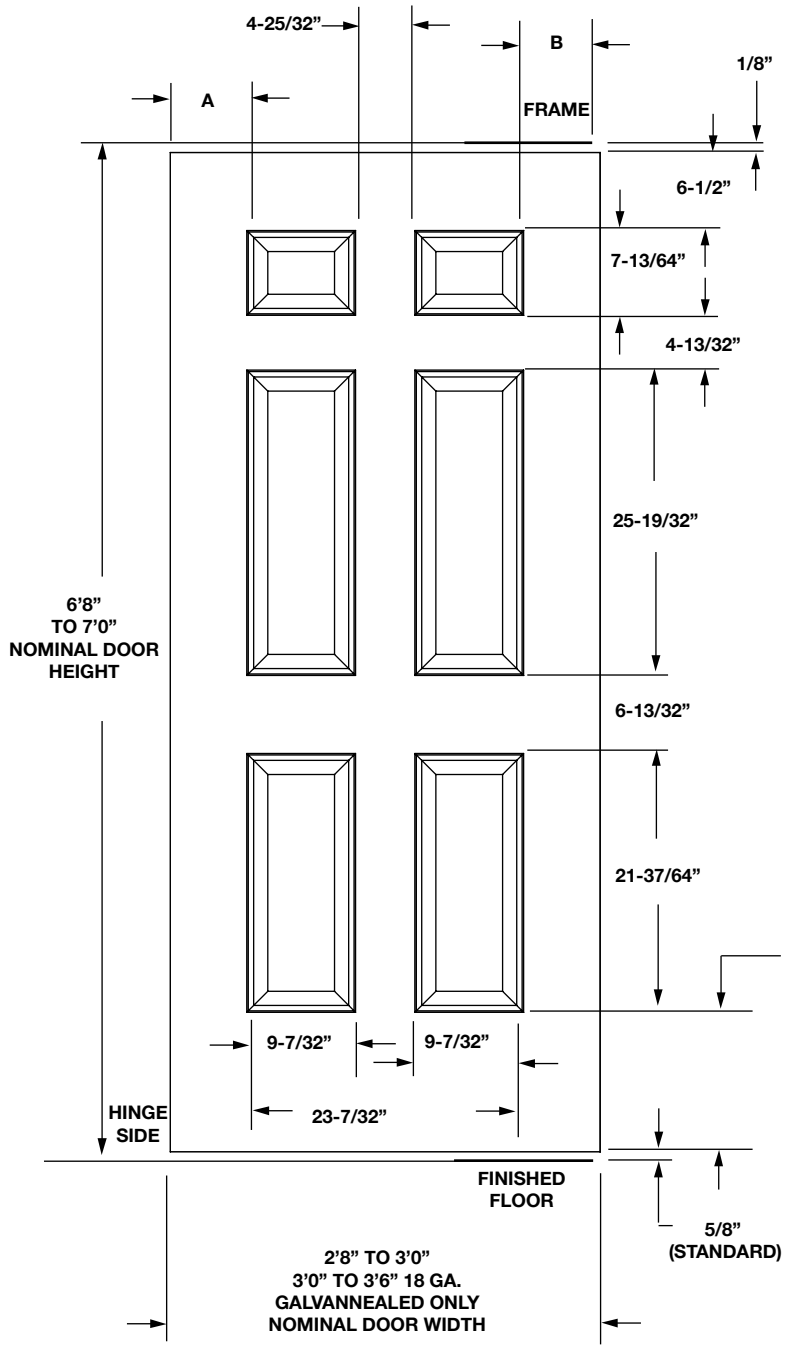
SPECIFICATIONS – Stainable wood grained steel doors shall be as manufactured by CURRIES, Mason City, Iowa. Doors shall be 707 series construction with continuous hinge and lock channel construction the full height of the door. Hinge and lock mounting preparations are integrally formed into these channels. Inverted top and bottom channel construction provides a full perimeter channel door infrastructure with door face skins supported by either a polystyrene, honeycomb core, or QMAX (thermally enhanced) core permanently bonded to the face skins as required for insulating values on all openings. Doors shall be manufactured of galvanneal steel for corrosion resistance. Door face skins can be grained .005 deep or wood grain stain design on smooth steel with the color requested by the building owner. Doors are available handed as single doors or pairs of doors with or without fire resistance ratings. Doors are factory stained and sealed with the owner's choice of CURRIES standard colors.

CURRISTAIN ASTRAGAL (CODE K)
"h" astragal 18 gauge woodgrain embossment (code k). Inactive leaf preparations only! Blank, strike (E1), and or flush bolt (H1) preparations. Screw applied available for CURRIStain door only. 90 (2743.2) maximum height will fit both beveled edge and square edge doors.

E6 PANEL DOOR

Ⓛ

16 GA. AND 18 GA. GALVANNEALED
18 GA. COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2’8”	3-7/32”	5-3/8”
2’10”	5-7/32”	5-3/8”
3’0”	6-19/64”	6-19/64”
3’4”	8-19/64”	8-19/64”
3’6”	9-19/64”	9-19/64”

UP TO 3 HR. FIRE RATING

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS. *
PANIC REINF. STANDARDS. *

*VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
“A” BEVEL, “B” BEVEL, NON-HANDED

7-9/16”
(6’8” NOMINAL DOOR HEIGHT)**

11-9/16”
(7’0” NOMINAL DOOR HEIGHT)**

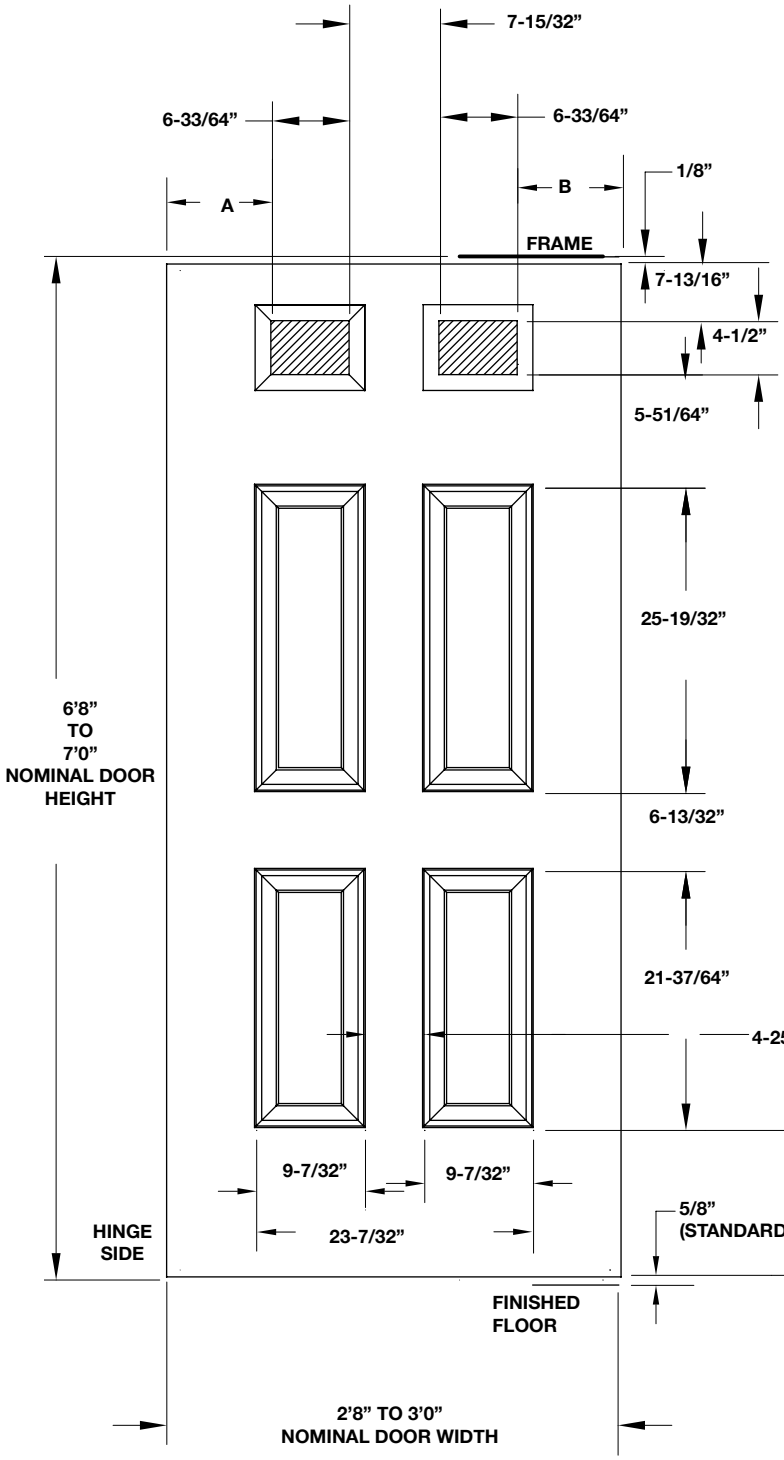
****10” MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS**

E62TL PANEL DOOR

TYPE 1 & 2 WINDOW MOULDING

Ⓛ

18 GA. GALVANNEALED
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8"	4-5/8"	6-11/16"
2'10"	6-5/8"	6-11/16"
3'0"	7-21/32"	7-21/32"

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 1 OR 2 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

**11-9/16"
(7'0" NOMINAL DOOR HEIGHT))****

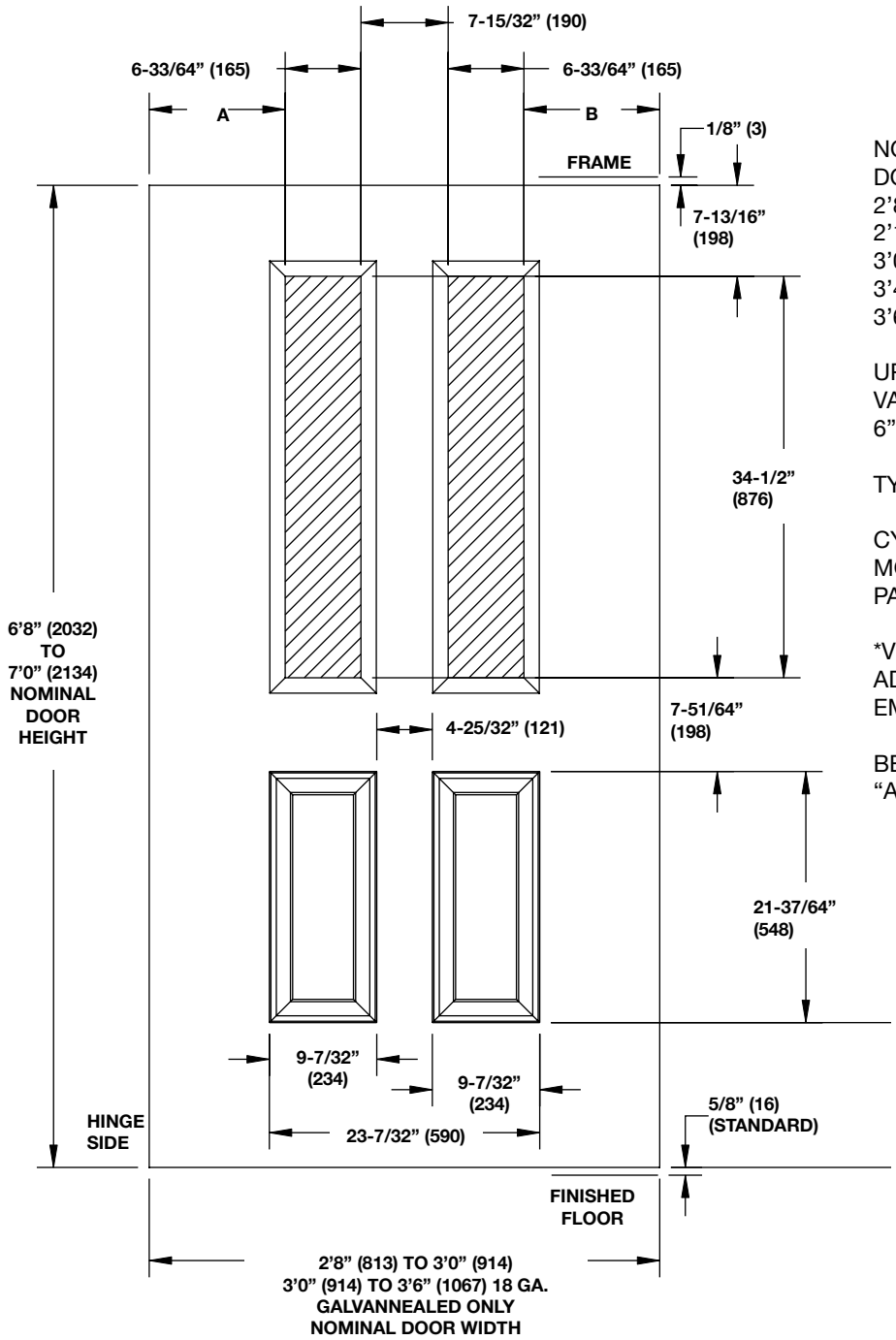
****10" MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS**

E62FNVS PANEL DOOR

TYPE 1 & 2 WINDOW MOULDING

Ⓛ

18 GA. (1.2), GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM
2'8"	4-5/8"	6-11/16"
2'10"	6-5/8"	6-11/16"
3'0"	7-21/32"	7-21/32"
3'4"	9-21/32"	9-21/32"
3'6"	10-21/32"	10-21/32"

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 1 OR 2 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

7-9/16" (192)
(6'8" (2032) NOMINAL DOOR HEIGHT)**

11-9/16" (294)
(7'0" (2134) NOMINAL DOOR HEIGHT)**

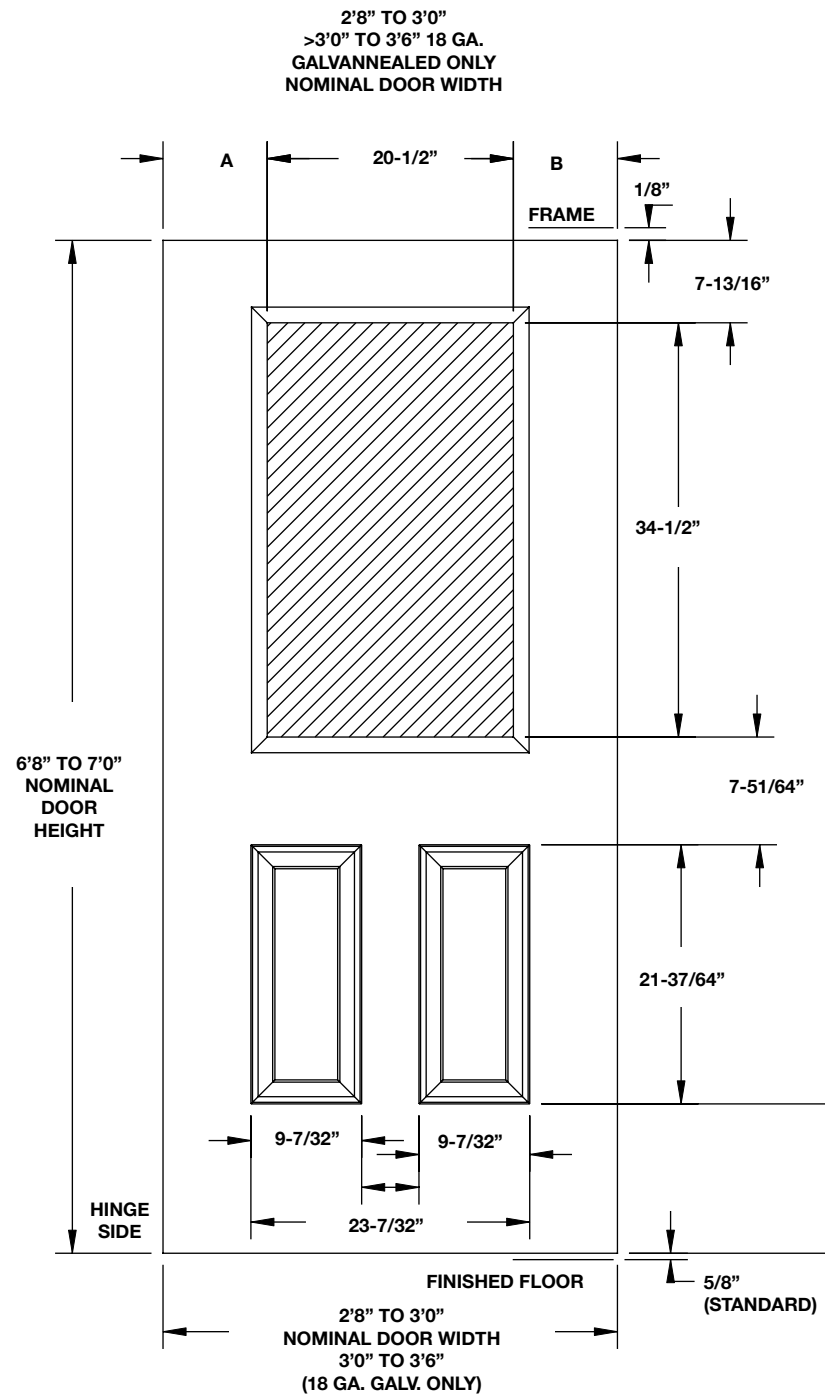
****10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS**

E6HGS PANEL DOOR

TYPE 1 & 2 WINDOW MOULDING

Ⓛ

18 GA., GALVANNEALED
18 GA. COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8"	4-5/8"	6-11/16"
2'10"	6-5/8"	6-11/16"
3'0"	7-21/32"	7-21/32"
3'4"	9-21/32"	9-21/32"
3'6"	10-21/32"	10-21/32"

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 1 OR 2 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

7-9/16"
(6'8" NOMINAL DOOR HEIGHT)**

11-9/16"
(7'0" NOMINAL DOOR HEIGHT)**

****10" MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS**

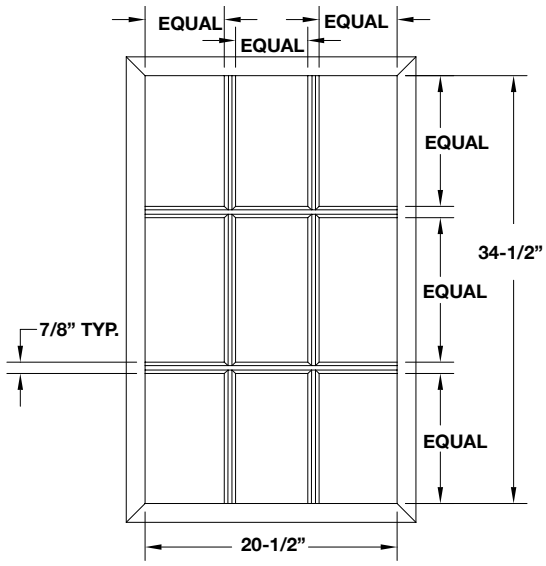
HALF GLASS 9-LIGHT CONVERSION KITS

TYPE 1 & 2 WINDOW MOULDING

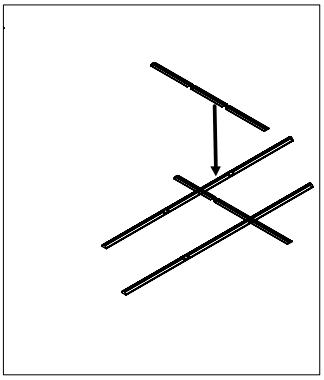
Ⓛ

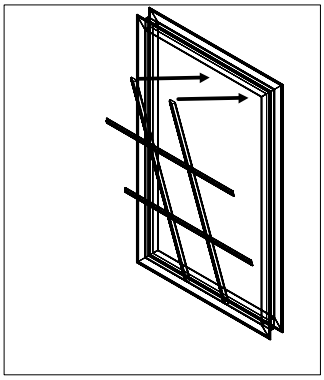
GENERAL NOTES:

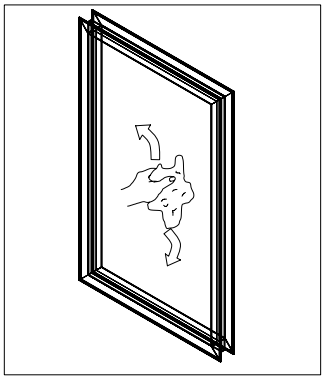
- *YOU MAY CLEAN THE GLASS WITH A COMMERCIAL GLASS CLEANER, HOWEVER GLASS MUST BE PRIMED WITH RUBBING ALCOHOL PRIOR TO APPLICATION.*
- *IT IS RECOMMENDED THAT THE INSTALLATION BE COMPLETED IN A CONTROLLED ENVIRONMENT (I.E., A WORKSHOP).*
- *ONCE THE TAPE CONTACTS THE GLASS, THE GRILLE CANNOT BE REPOSITIONED OR REMOVED.*
- *DIMENSIONS AND LOCATIONS OF EMBOSSMENTS AND LIGHT ARE DETAILED ON THE E6HGS TECHNICAL DATA PAGE. MUNTIN KITS ARE PROVIDED AS A SET (FRONT AND BACK) LABELED (WHITE ALUMINUM, MS007013) OR NON-LABELED (WHITE PVC, MS007039)*



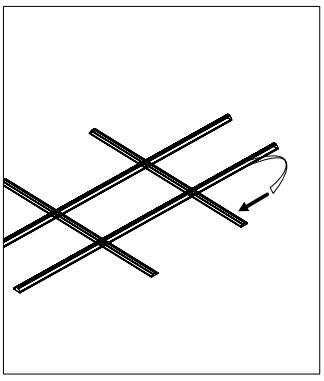
INSTALLATION PROCEDURE

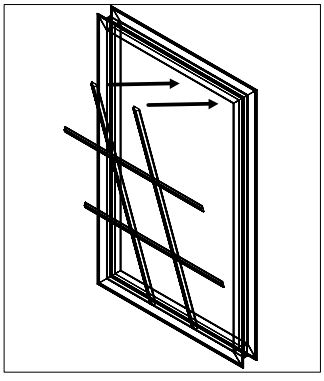


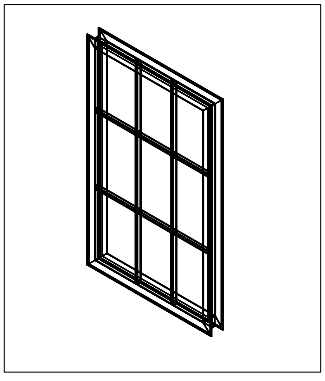




1) LEAVING THE LINER ON THE TAPE, ASSEMBLE THE GRILLE. CHECK FIT OF THE GRILLE TO THE GLASS.
2) MAKE CERTAIN THAT THE GRILLE LAYS FLAT ON THE GLASS WITH A SLIGHT GAP AT THE ENDS.
3) PRIME THE GLASS BY SPRAYING WITH RUBBING ALCOHOL. WIPE CLEAN WITH A LINT-FREE CLOTH.
4) WAIT ONE TO THREE MINUTES TO ALLOW ANY RESIDUAL MOISTURE TO EVAPORATE.





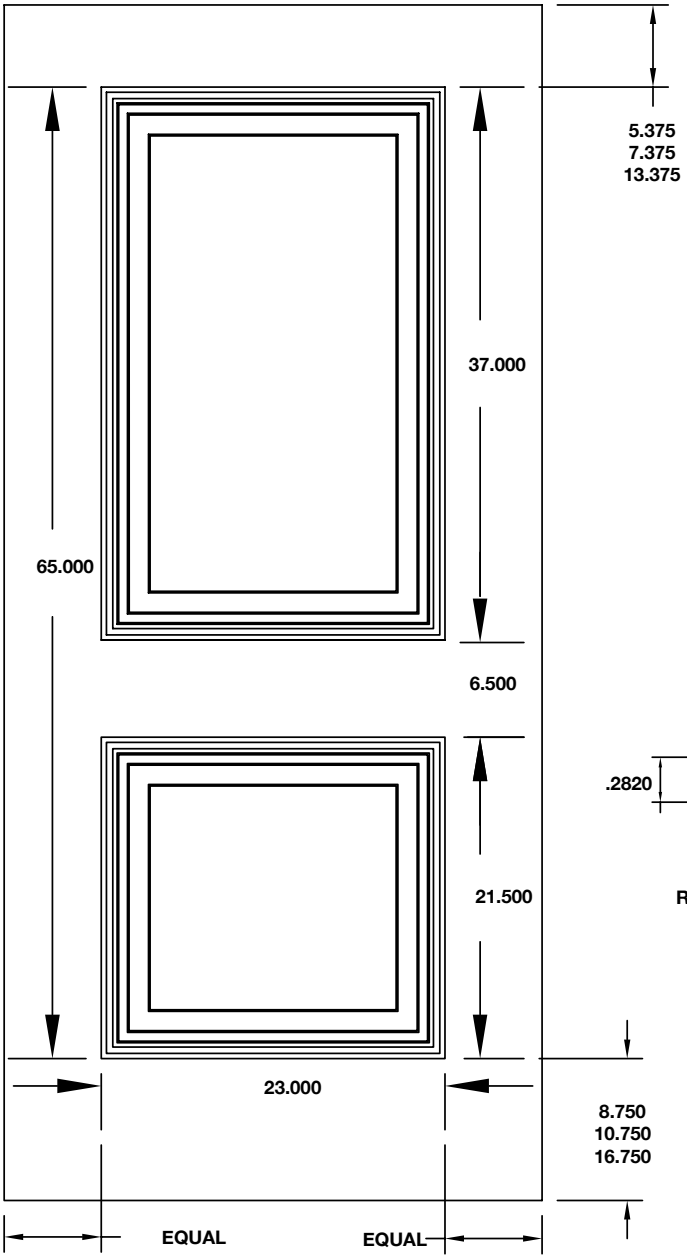


5) CAREFULLY REMOVE ALL PLASTIC LINERS ON THE TAPE SIDE OF THE GRILLE.
6) POSITION THE GRILLE OVER THE GLASS WITHOUT TOUCHING THE GLASS SURFACE. TWO PEOPLE CAN BETTER ACCOMPLISH THIS POSITIONING, ESPECIALLY WITH LARGER SIZES. REMEMBER, ONCE THE GRILLE MEETS THE GLASS IT CANNOT BE REPOSITIONED.
7) VERY CAREFULLY, LOWER THE GRILLE TO THE GLASS SURFACE.
8) USING A ROLLER, APPLY MODERATE PRESSURE (NO MORE THAN 15 PSI) AND PRESS ALL GRILLE AREAS TO THE GLASS TO IMPROVE ADHESION.
9) REPEAT THE PROCEDURE ON THE OTHER SIDE OF THE GLASS.

HIGH DEFINITION 2P PANEL DOOR

Ⓛ

18 GA. A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +



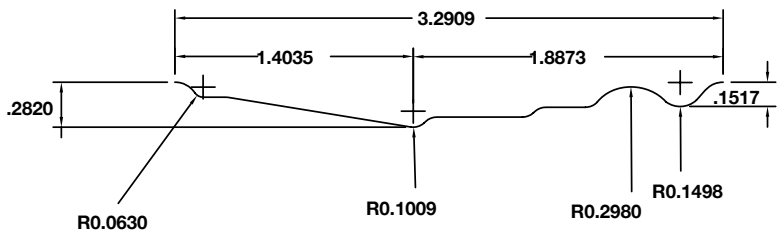
- UP TO 3 HOUR FIRE RATING
  (POLYURETHANE CANNOT BE FIRE RATED OVER 7')
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **,7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

PROFILE



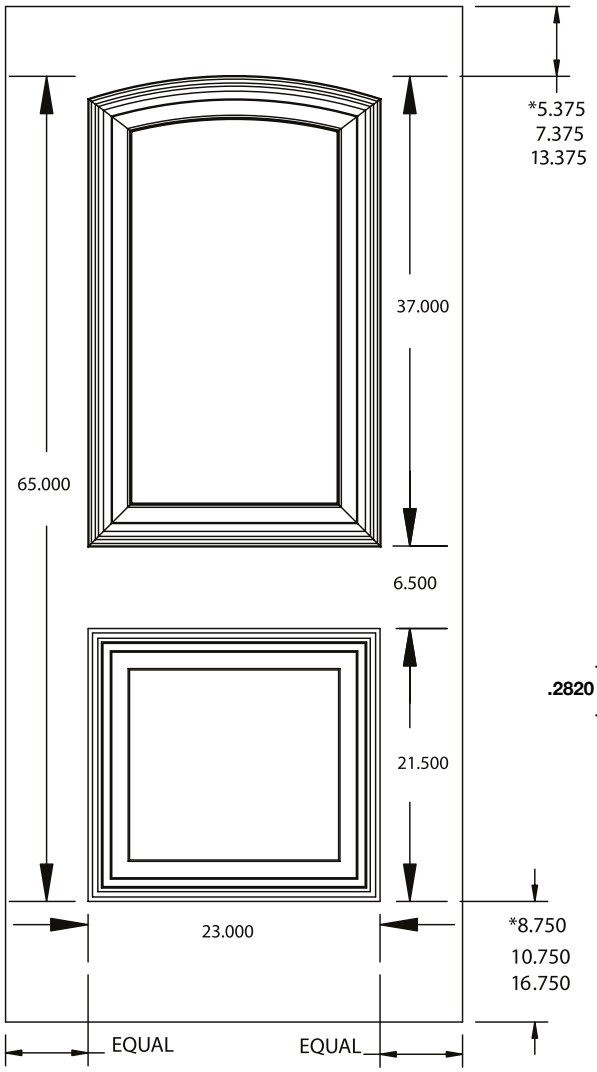
NOTE: SEAMLESS EDGE OPTION AVAILABLE
+ MAXIMUM 3070 CAN BE FIRE RATED

HIGH DEFINITION 2PA PANEL DOOR

Ⓛ

18 GA. A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +

EMBOSSED ARCHED 2-PANEL



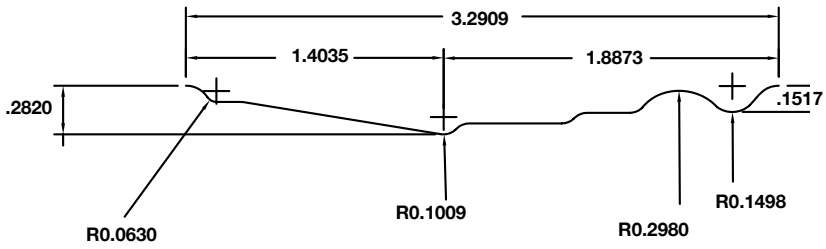
- UP TO 3 HOUR FIRE RATING
  (POLYURETHANE CANNOT BE FIRE RATED OVER 7')
- CYLINDRICAL LOCKS*
- MORTISE LOCKS* ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8**, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

PROFILE



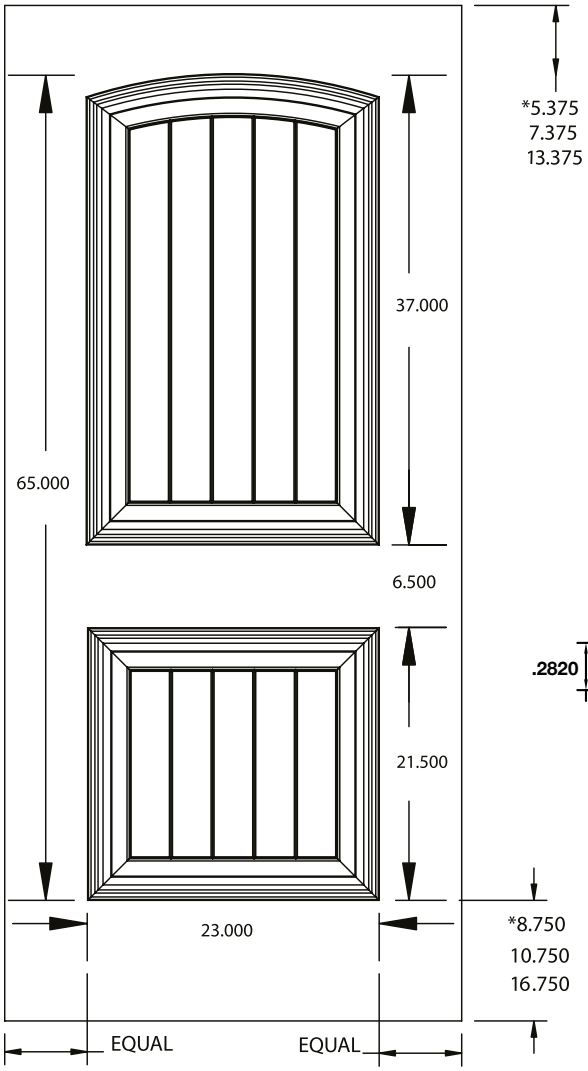
NOTE: SEAMLESS EDGE OPTION AVAILABLE
+ MAXIMUM 3070 CAN BE FIRE RATED

HIGH DEFINITION 2PAP PANEL DOOR

Ⓛ

18 GA. A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +

EMBOSSED PLANKED ARCHED 2-PANEL



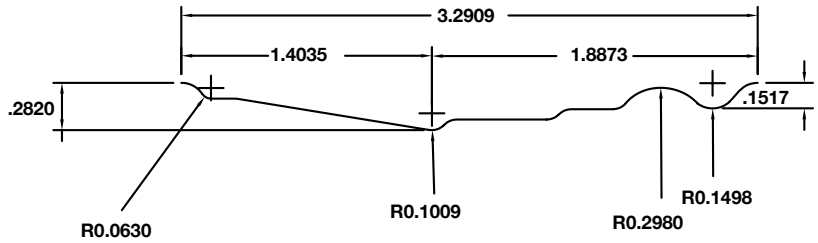
- UP TO 3 HOUR FIRE RATING
  (POLYURETHANE CANNOT BE FIRE RATED OVER 7')
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

PROFILE

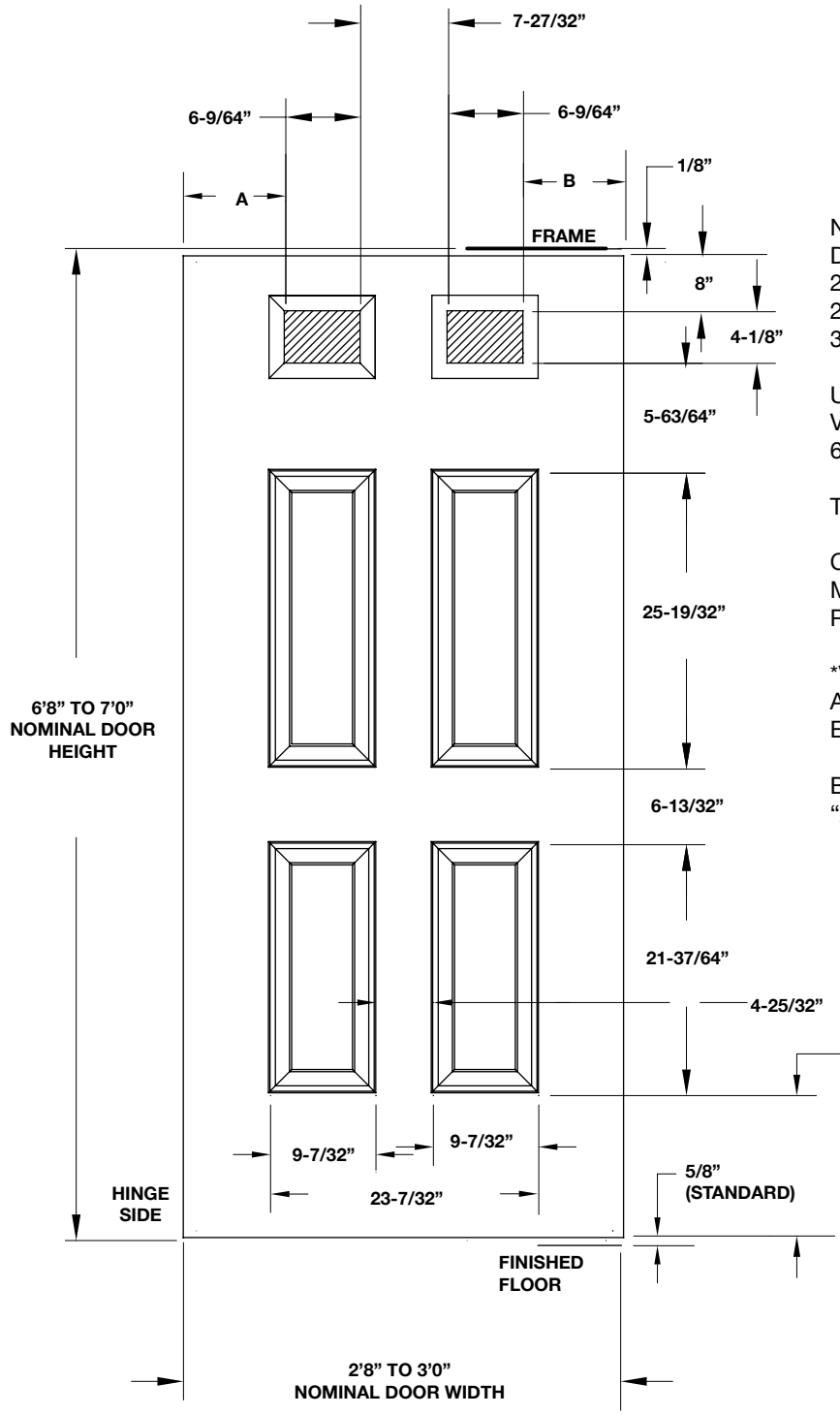


NOTE: SEAMLESS EDGE OPTION AVAILABLE
+ MAXIMUM 3070 CAN BE FIRE RATED

E62TL PANEL DOOR

TYPE 9 & 10 WINDOW MOULDING

Ⓛ



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2’8”	4-13/16”	6-7/8”
2’10”	6-13/16”	6-7/8”
3’0”	7-27/32”	7-27/32”

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6” MIN. STILE REQUIRED

TYPE 9 OR 10 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
“A” BEVEL, “B” BEVEL, NON-HANDED

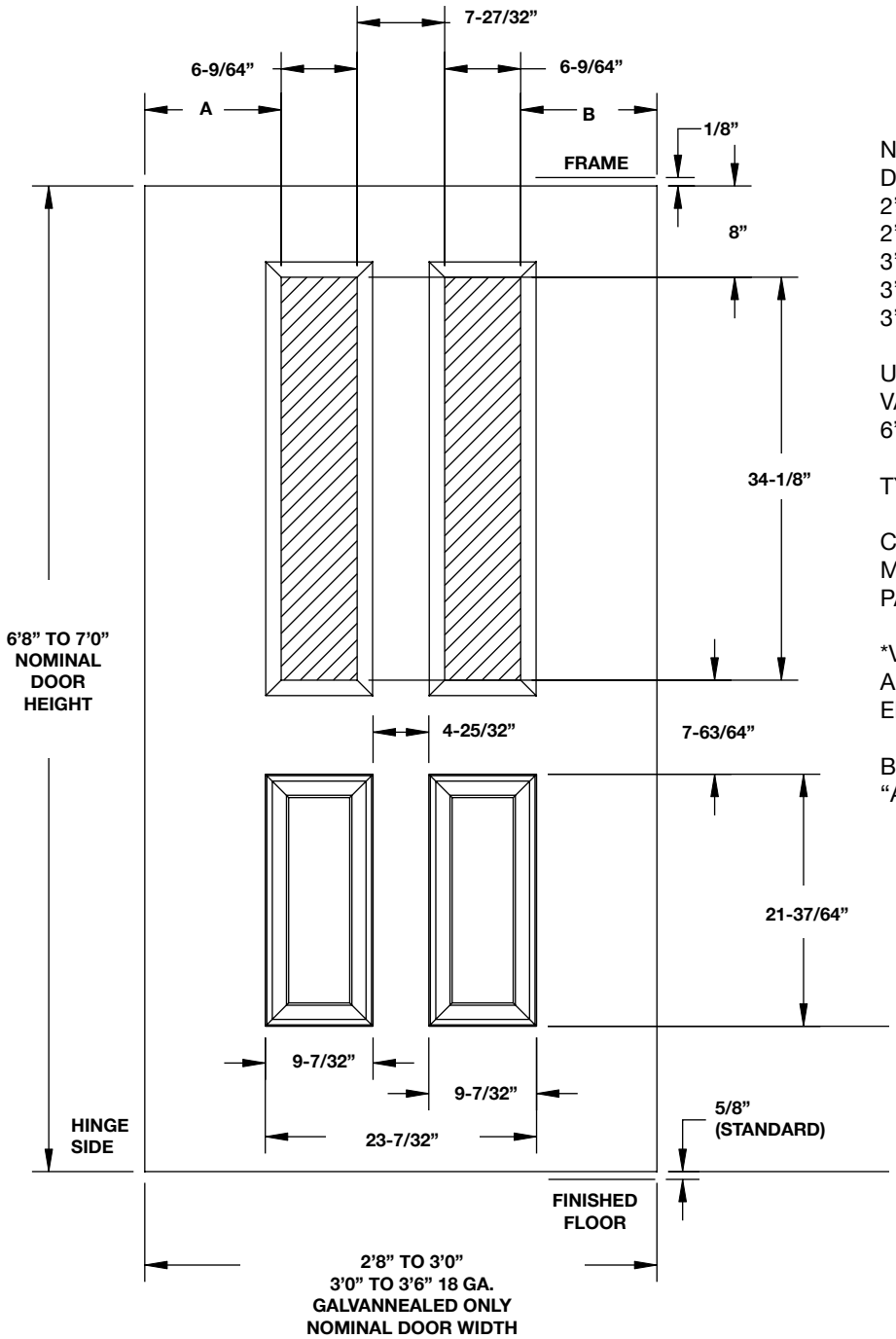
**10” MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS

E62FNVS PANEL DOOR

TYPE 9 & 10 WINDOW MOULDING

Ⓛ

18 GA., GALVANNEALED
18 GA. COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8"	4-13/16"	6-7/8"
2'10"	6-13/16"	6-7/8"
3'0"	7-27/32"	7-27/32"
3'4"	9-27/32"	9-27/32"
3'6"	10-27/32"	10-27/32"

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 9 OR 10 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

7-9/16"
(6'8" NOMINAL DOOR HEIGHT)**

11-9/16"
(7'0" NOMINAL DOOR HEIGHT)**

****10" MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS**

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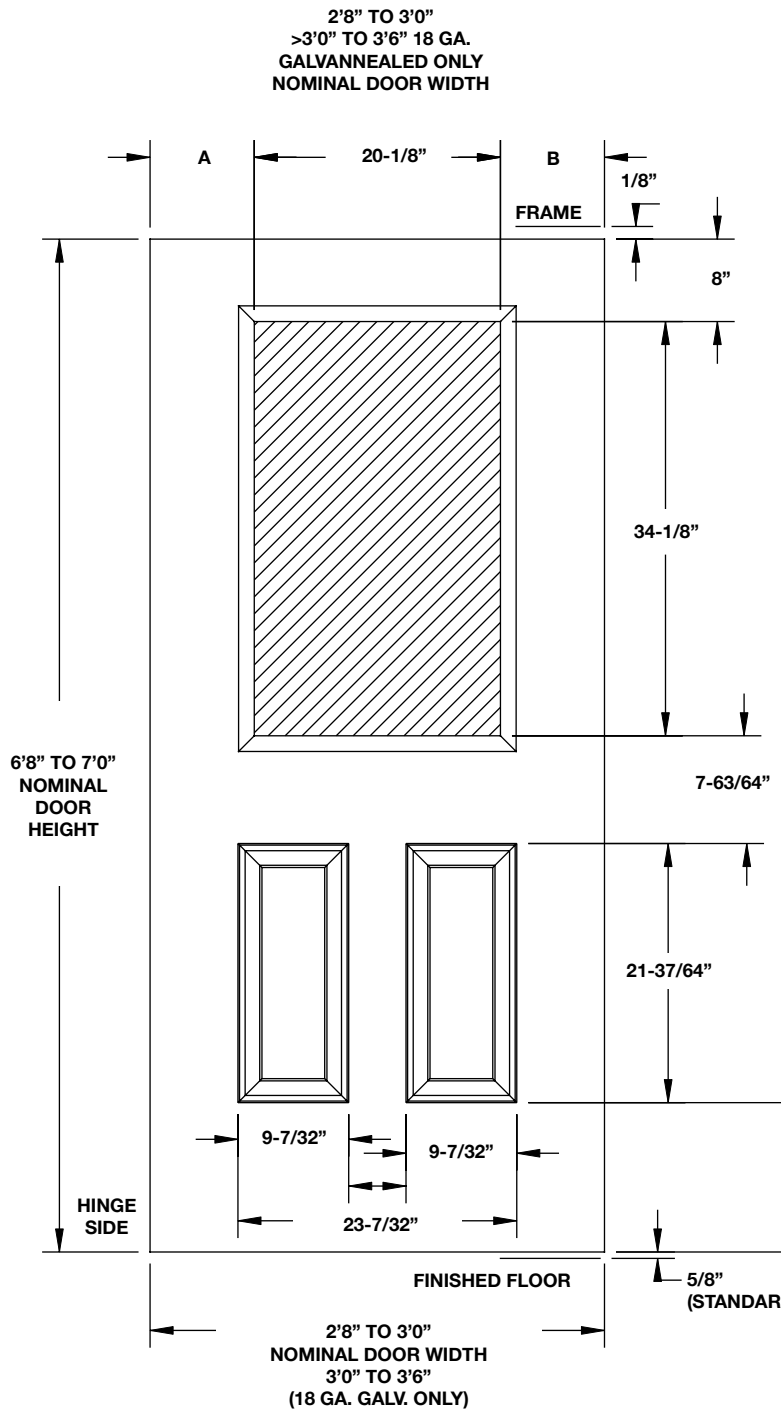
E6HGS PANEL DOOR

TYPE 9 & 10 WINDOW MOULDING

Ⓛ

18 GA. (1.2), GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-13/16" (122)	6-7/8" (175)
2'10" (864)	6-13/16" (173)	6-7/8" (175)
3'0" (914)	7-27/32" (199)	7-27/32" (199)
3'4" (1016)	9-27/32" (250)	9-27/32" (250)
3'6" (1067)	10-27/32" (275)	10-27/32" (275)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 9 OR 10 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

7-9/16"
(6'8" NOMINAL DOOR HEIGHT)**

11-9/16"
(7'0" NOMINAL DOOR HEIGHT)**

****10" MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS**

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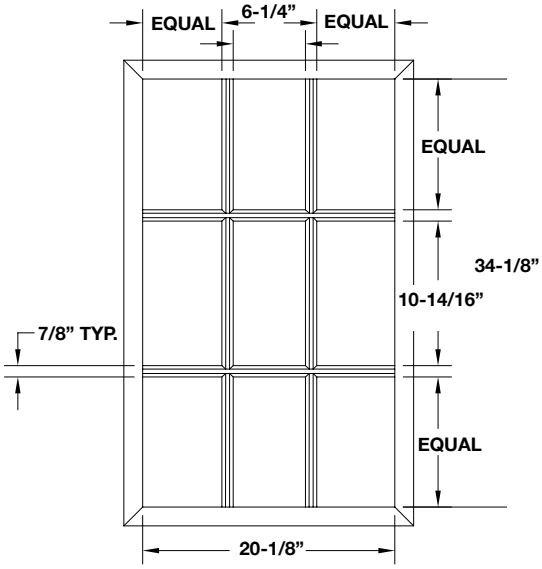
HALF GLASS 9-LIGHT CONVERSION KITS

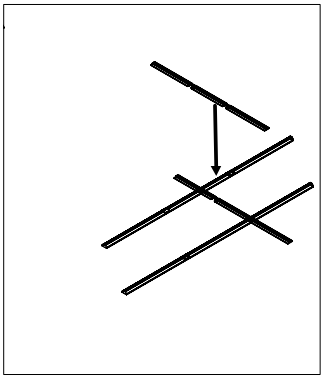
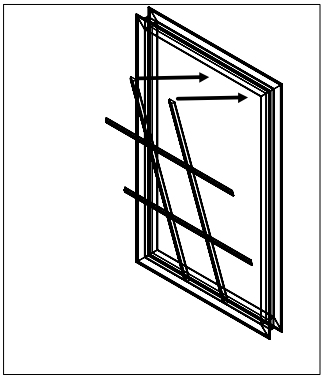
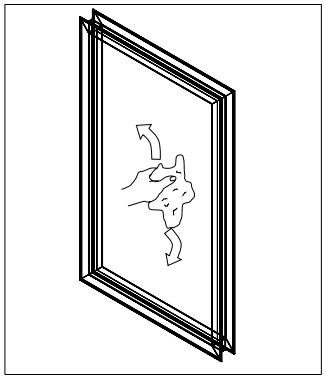
TYPE 9 & 10 WINDOW MOULDING

Ⓛ

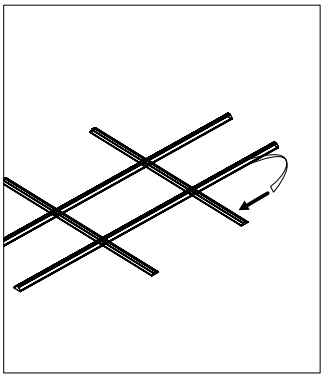
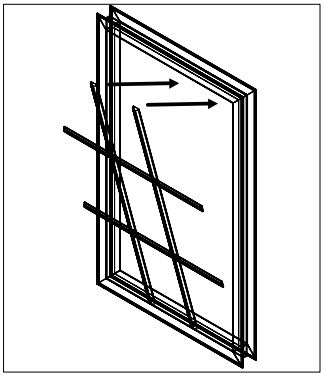
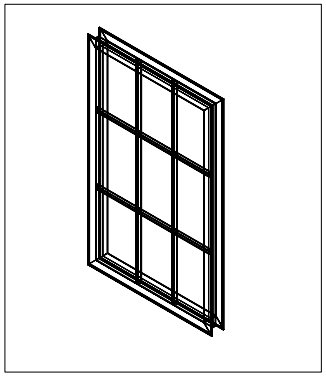
GENERAL NOTES:
- *YOU MAY CLEAN THE GLASS WITH A COMMERCIAL GLASS CLEANER, HOWEVER GLASS MUST BE PRIMED WITH RUBBING ALCOHOL PRIOR TO APPLICATION.*
- *IT IS RECOMMENDED THAT THE INSTALLATION BE COMPLETED IN A CONTROLLED ENVIRONMENT (I.E., A WORKSHOP).*
- *ONCE THE TAPE CONTACTS THE GLASS, THE GRILLE CANNOT BE REPOSITIONED OR REMOVED.*
- *DIMENSIONS AND LOCATIONS OF EMBOSSMENTS AND LIGHT ARE DETAILED ON THE E6HGS TECHNICAL DATA PAGE. MUNTIN KITS ARE PROVIDED AS A SET (FRONT AND BACK) LABELED (WHITE ALUMINUM, MS102483) OR NON-LABELED (WHITE PVC, MS102566)*



INSTALLATION PROCEDURE

1) LEAVING THE LINER ON THE TAPE, ASSEMBLE THE GRILLE. CHECK FIT OF THE GRILLE TO THE GLASS.
2) MAKE CERTAIN THAT THE GRILLE LAYS FLAT ON THE GLASS WITH A SLIGHT GAP AT THE ENDS.
3) PRIME THE GLASS BY SPRAYING WITH RUBBING ALCOHOL. WIPE CLEAN WITH A LINT-FREE CLOTH.
4) WAIT ONE TO THREE MINUTES TO ALLOW ANY RESIDUAL MOISTURE TO EVAPORATE.

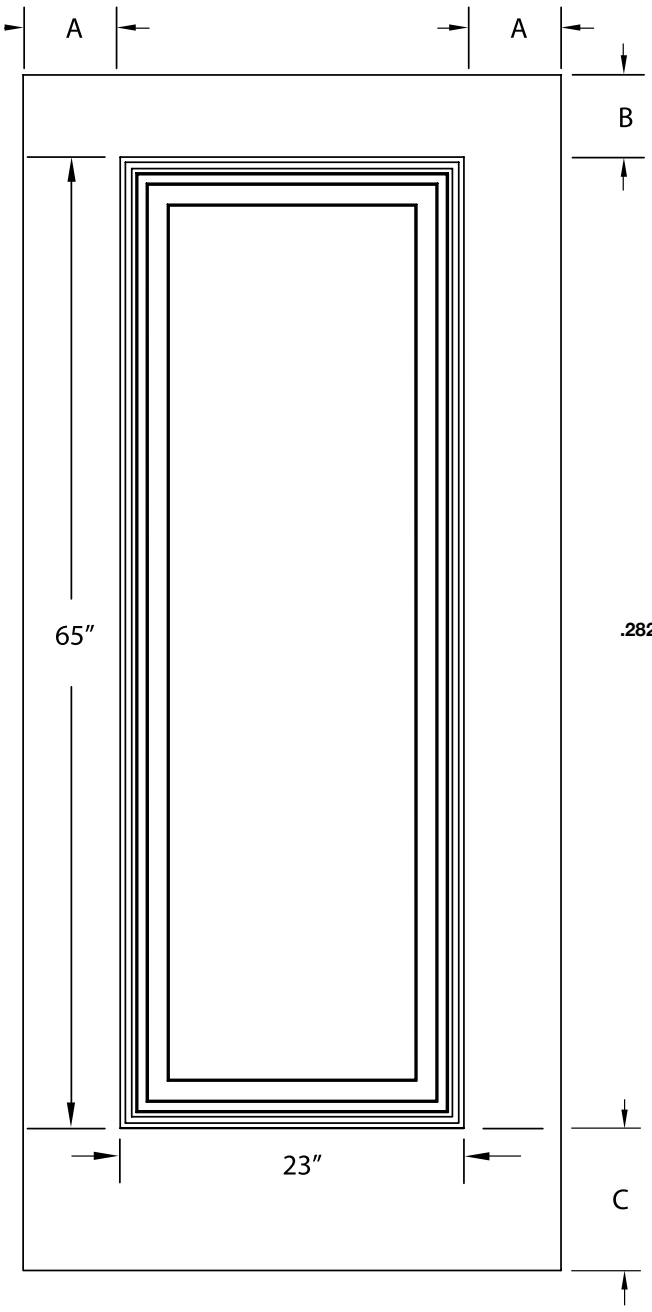




5) CAREFULLY REMOVE ALL PLASTIC LINERS ON THE TAPE SIDE OF THE GRILLE.
6) POSITION THE GRILLE OVER THE GLASS WITHOUT TOUCHING THE GLASS SURFACE. TWO PEOPLE CAN BETTER ACCOMPLISH THIS POSITIONING, ESPECIALLY WITH LARGER SIZES. REMEMBER, ONCE THE GRILLE MEETS THE GLASS IT CANNOT BE REPOSITIONED.
7) VERY CAREFULLY, LOWER THE GRILLE TO THE GLASS SURFACE.
8) USING A ROLLER, APPLY MODERATE PRESSURE (NO MORE THAN 15 PSI) AND PRESS ALL GRILLE AREAS TO THE GLASS TO IMPROVE ADHESION.
9) REPEAT THE PROCEDURE ON THE OTHER SIDE OF THE GLASS.

HIGH DEFINITION 1P PANEL DOOR

Ⓛ

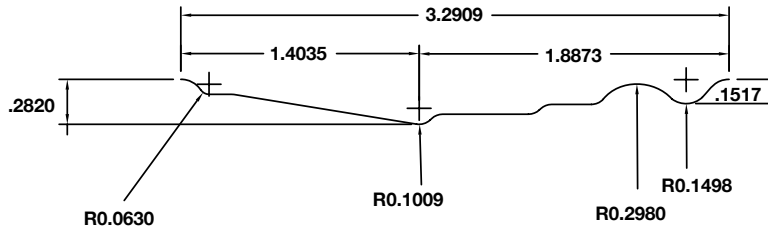
18 GA. A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +



NOMINAL DOOR WIDTH	A DIM.
2’8”	4-25/64”
3’0”	6-25/64”

NOMINAL DOOR HEIGHT	B DIM.	C DIM.
6’8”	5-3/8”	8-3/4” NOT ADA COMPLIANT (STANDARD)
6’8”	4-3/8”	9-3/4” ADA COMPLIANT (OPTIONAL)
7’0”	7-3/8”	10-3/4”
8’0”	13-3/8”	16-3/4”

PROFILE



- UP TO 3 HOUR FIRE RATING
- CYLINDRICAL LOCKS*
- MORTISE LOCKS* ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8**, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
“A” BEVEL, “B” BEVEL, NON-HANDED

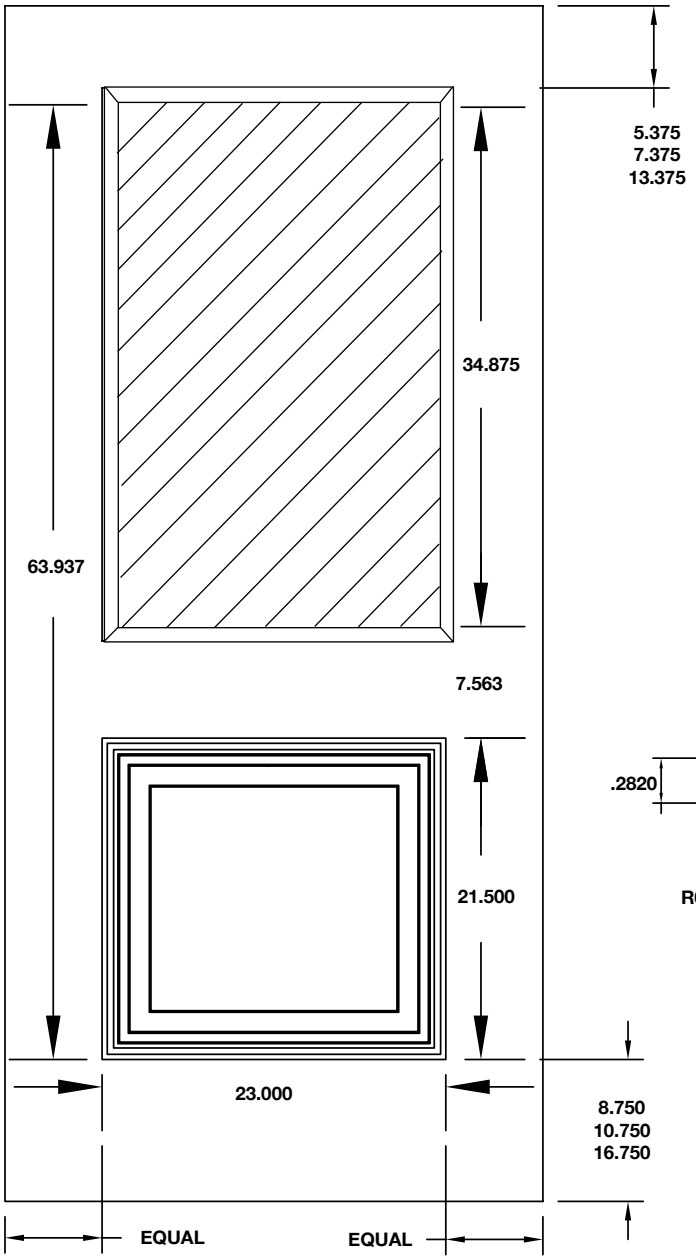
*VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

**THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1” AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

NOTE: SEAMLESS EDGE OPTION AVAILABLE
+ MAXIMUM 3070 CAN BE FIRE RATED

HIGH DEFINITION 2PHG PANEL DOOR

18 GA. A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +



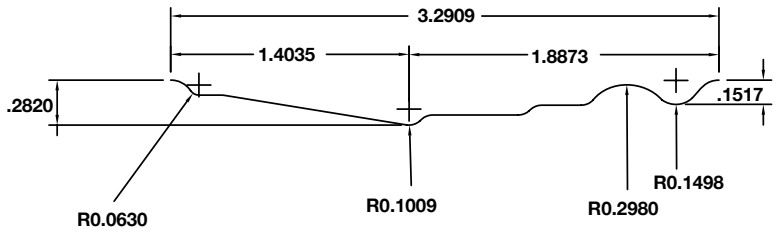
- UP TO 90 MINUTE FIRE RATING
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

PROFILE

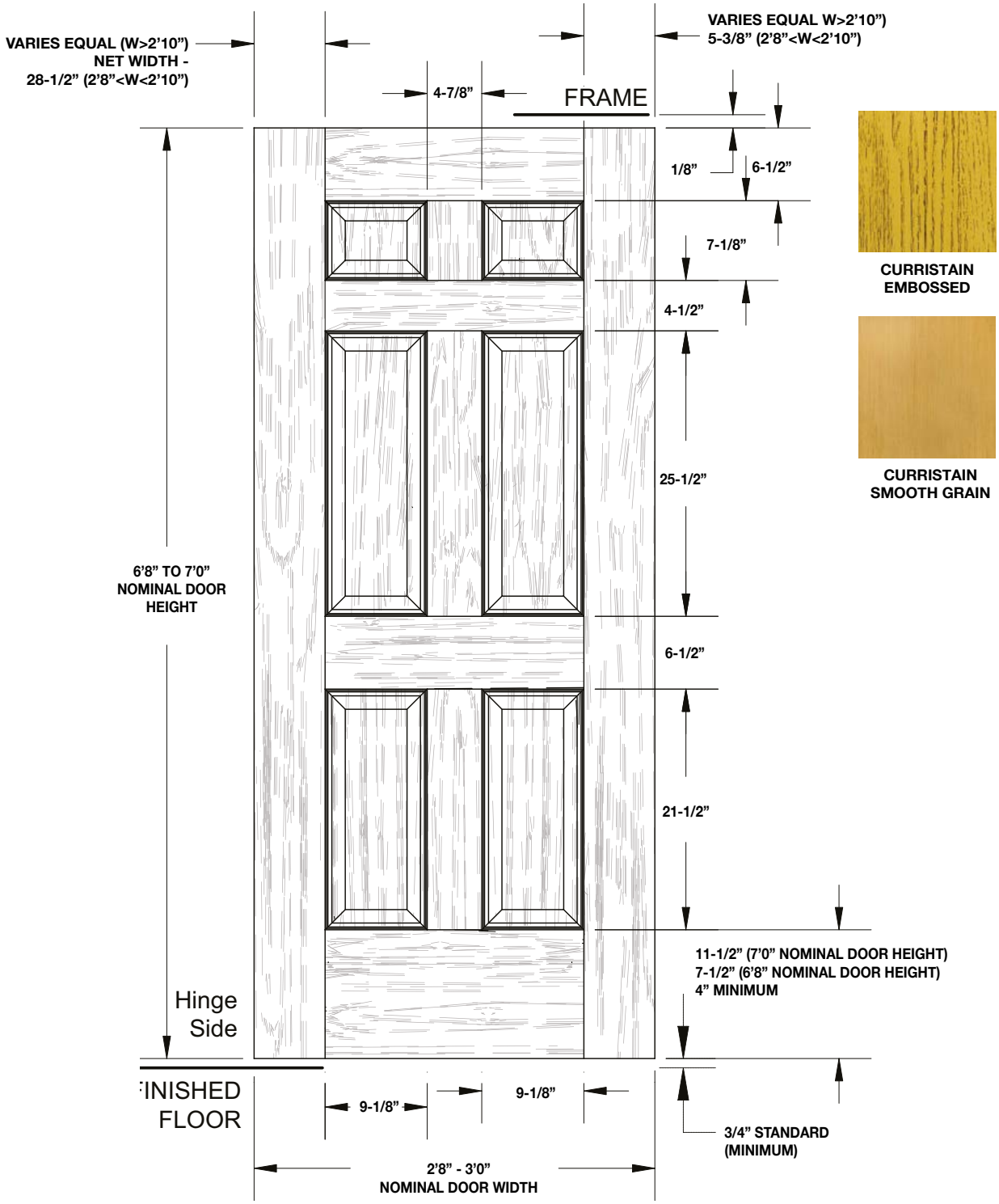


NOTE: SEAMLESS EDGE OPTION AVAILABLE
+ MAXIMUM 3070 CAN BE FIRE RATED

E6 CURRISTAIN AND CURRISTAIN SMOOTH GRAIN SIX PANEL DOOR

Ⓛ

18 GA. GALVANNEALED



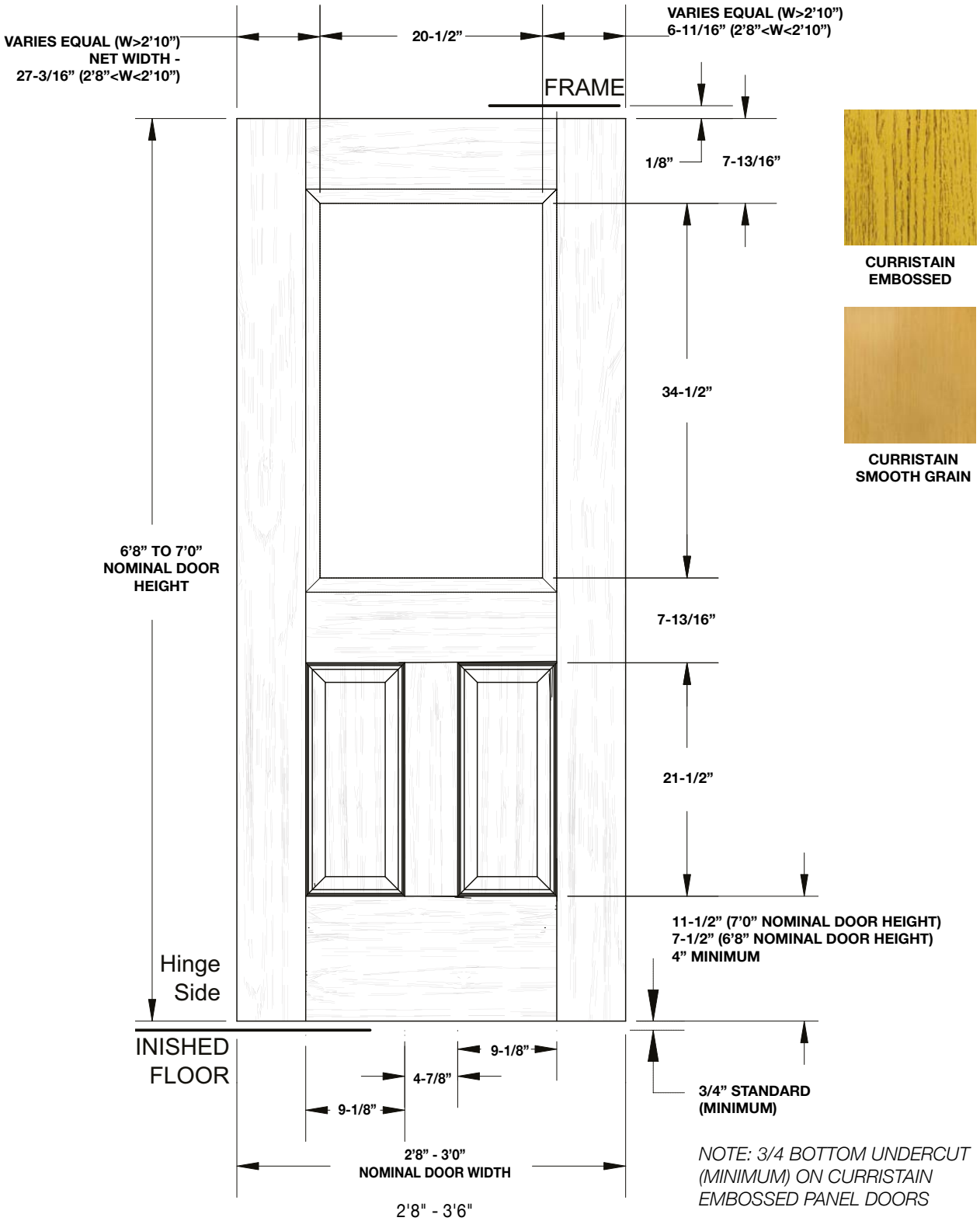
2'8" - 3'6"
SMOOTH GRAIN NOMINAL DOOR WIDTH

NOTE: 3/4 BOTTOM UNDERCUT (MINIMUM) ON CURRISTAIN EMBOSSED PANEL DOORS.

E6HGS CURRISTAIN AND CURRISTAIN SMOOTH GRAIN (SG) SIX PANEL HALF GLASS

Ⓛ

18 GA. GALVANNEALED



CURRISTAIN EMBOSSED

CURRISTAIN SMOOTH GRAIN

NOTE: 3/4 BOTTOM UNDERCUT (MINIMUM) ON CURRISTAIN EMBOSSED PANEL DOORS

2'8" - 3'6"
SMOOTH GRAIN NOMINAL DOOR WIDTH

STC 40-47 ACOUSTICAL DOOR CONSTRUCTION

BACK

STC 40-47 OPERABLE
TESTED TO: ASTM E90-09, E413-04, E1332-90, AND E2235
BUILT IN COMPLIANCE WITH SDI 128 AND HMMA 865-03

Ⓛ

FLUSH ONLY
HANDED DOORS ONLY
3/8" UNDERCUT ONLY
NON-RATED ONLY
1-3/4" THICK

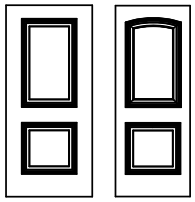
FRAMES:
MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 GAUGE OR 14 GAUGE. MUTES ARE NOT ALLOWED. FRAMES MUST BE GROUTED TO ACHIEVE STC RATING.

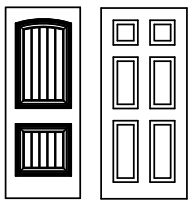
HARDWARE ALLOWED

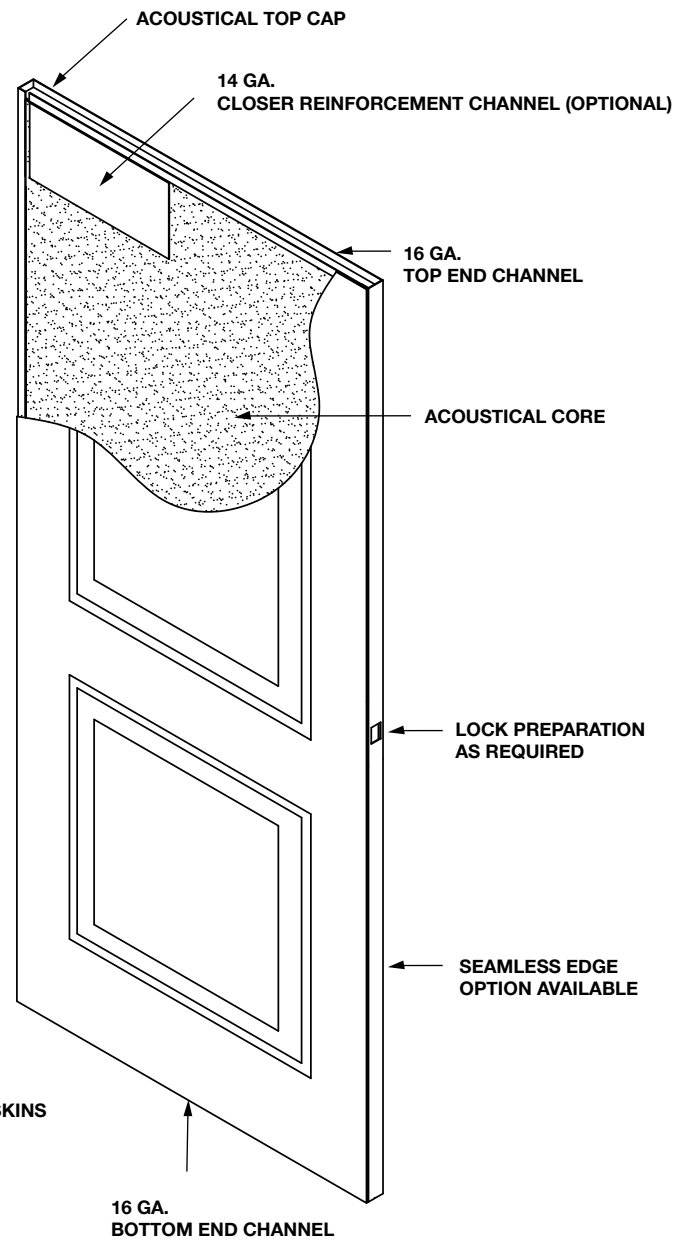
HINGES:
- 4-1/2" STANDARD OR HEAVY
- 5" STANDARD OR HEAVY
- OFFSET PIVOTS
- CAMLIFT

LOCKS:
- CYLINDRICAL
- MORTISE
- RIM EXIT

EMBOSSED PANEL DESIGNS







** SEE INSTALLATION INSTRUCTIONS FOR MORE DETAILS*

6-PANEL
MINIMUM SIZE - 2'6" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 7'0" SINGLE

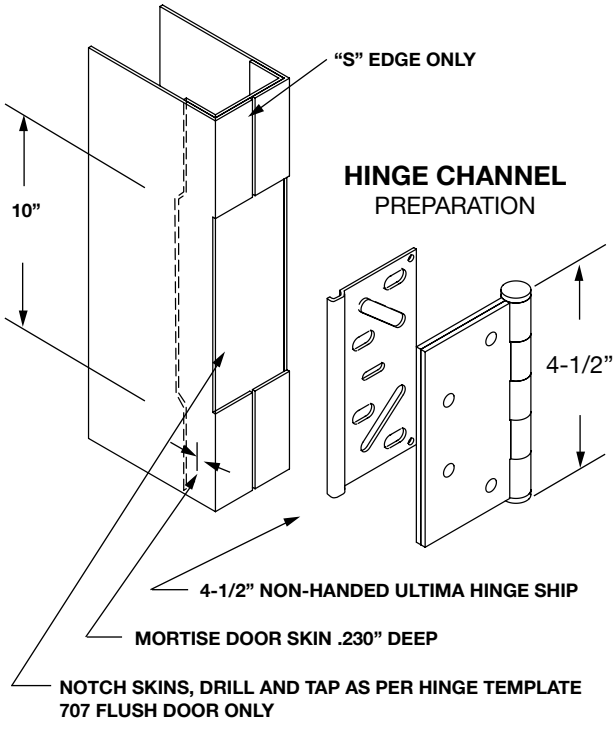
2-PANEL
MINIMUM SIZE - 2'8" X 6'8" SINGLE
MAXIMUM SIZE - 3'0" X 8'0" SINGLE

	STC RATING	LOCK TYPE	DOOR DESIGN	UNDERCUT	MAX. FIRE RATING	SEAL SET	SEAL SET DESCRIPTION
SINGLE DOORS	47	CYLINDRICAL	6 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD
	46	CYL/MORT	6 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD
	46	CYLINDRICAL	2 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD
	45-40	CYL/MORT/ RIM	6 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD
	45	CYL/MORT	2 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD
	44-40	CYL/MORT/ RIM	2 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD

REPLACEMENT DOOR

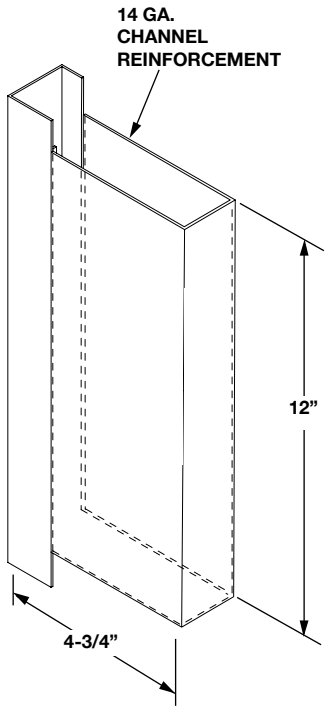
BACK
CONTENTS
INTRODUCTION
GEN. INFORMATION
FRAMES
FIRE RATED
DOORS
WINDSTORM
SPECIALTY

Ⓛ

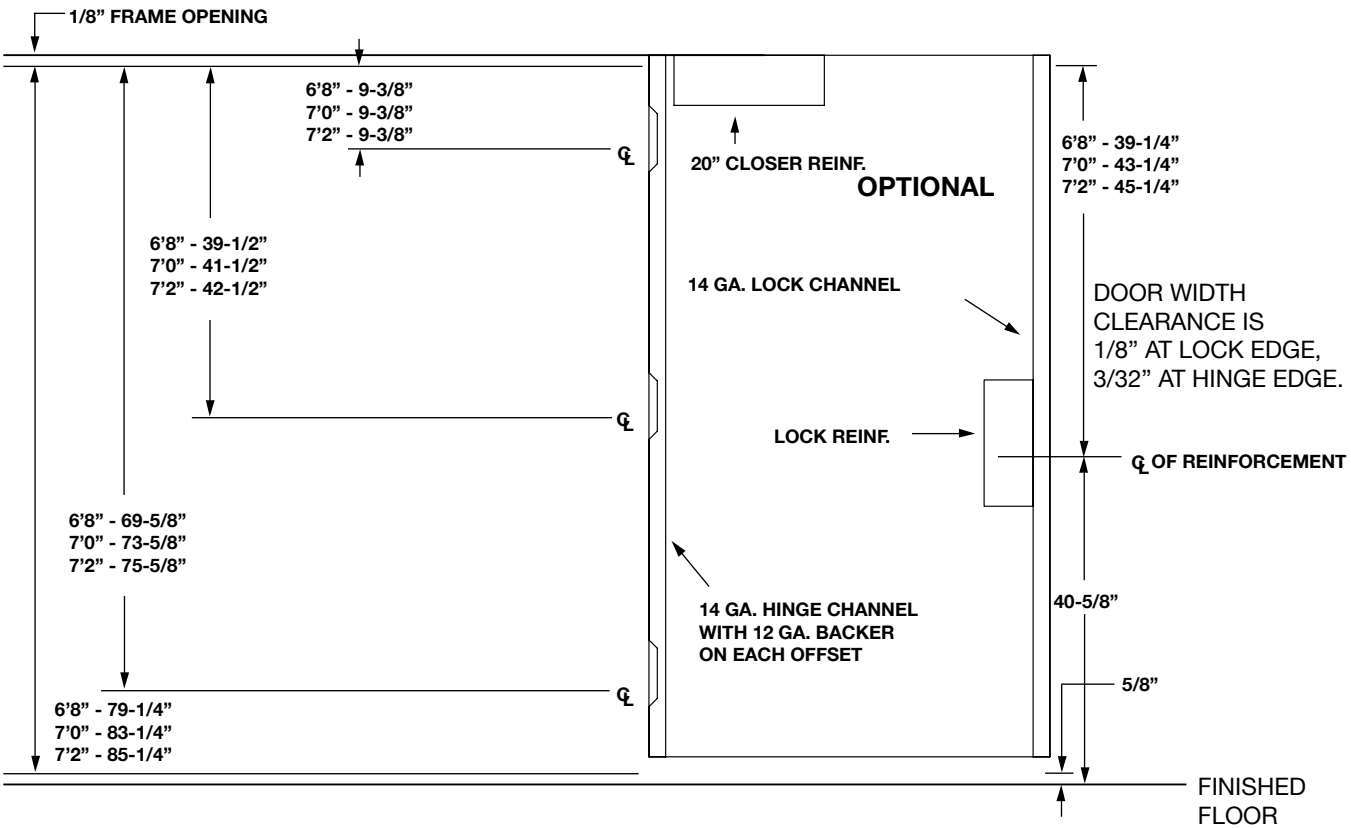


G3ARO
MORTISE LOCK REINFORCEMENT

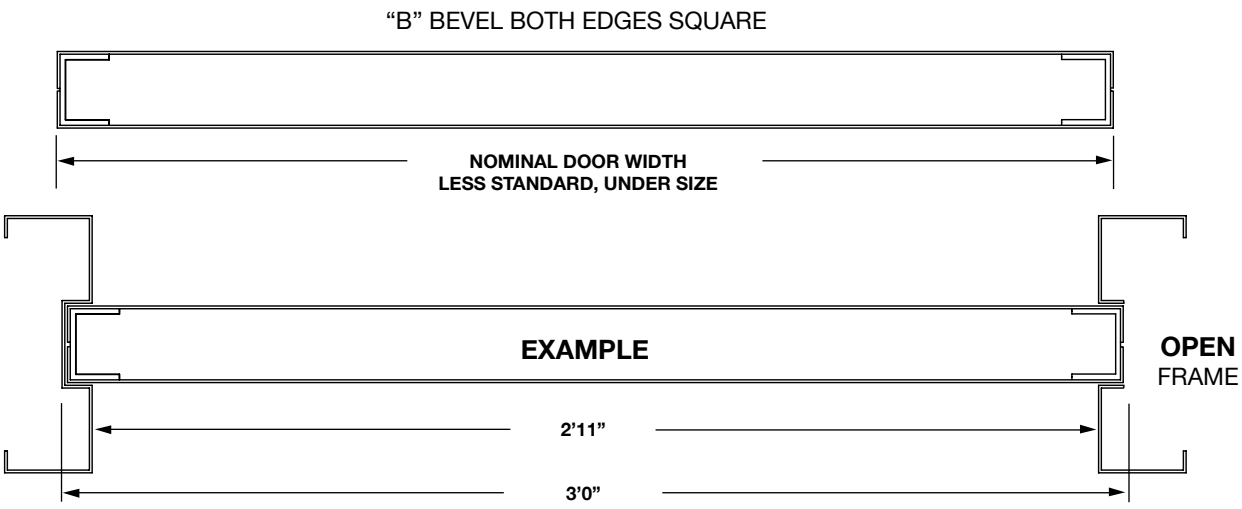
℄ OF MORTISE LOCK
MAY VARY 2-1/2"



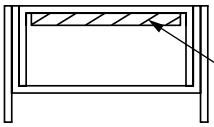
HINGE RAIL OFFSET IS 10" LONG AT EACH LOCATION



POCKET DOOR



TOP OF
DOOR



NOMINAL 3'0" POCKET DOOR AND FRAME HAS A NET 2'11" FRAME OPEN

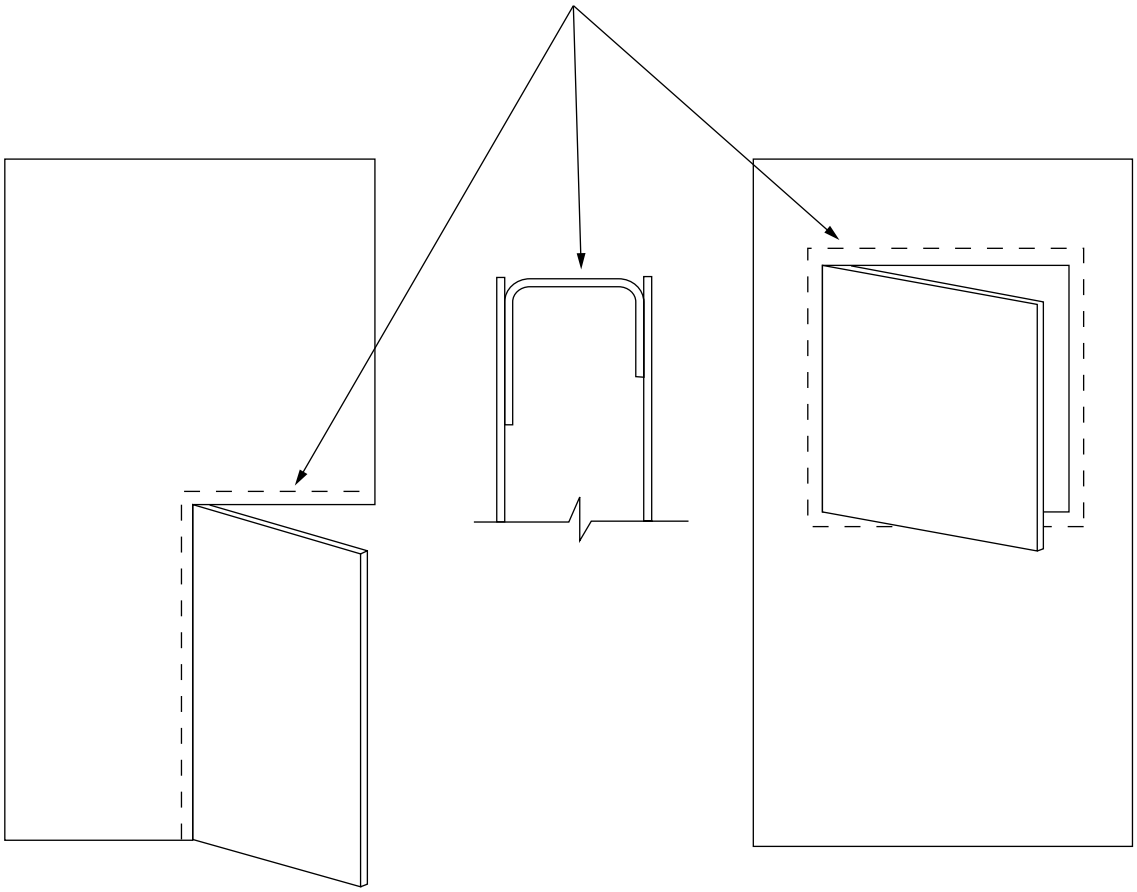
12 GA. STANDARD OR 7 GA. REINFORCEMENT AVAILABLE INSTALLED FULL WIDTH OF DOOR TOP CAP.

VERIFY HARDWARE HANGER ADAPTABILITY TO REINFORCEMENT AND FRAME OPENING

WICKET DOORS

- DOOR IN A DOOR - 2 DOORS
- USE NEXT SIZE DOOR UP FOR EACH DOOR.
- LARGER DOOR MUST BE 747 CONSTRUCTION.
- MOST HINGE AND LOCK PREPARATIONS ARE AVAILABLE.
- EACH WICKET DOOR ASSEMBLY MUST BE ENGINEERED FOR PRACTICAL APPLICATION AND CLEARANCES TO ENSURE QUALITY PRODUCT SATISFACTION.

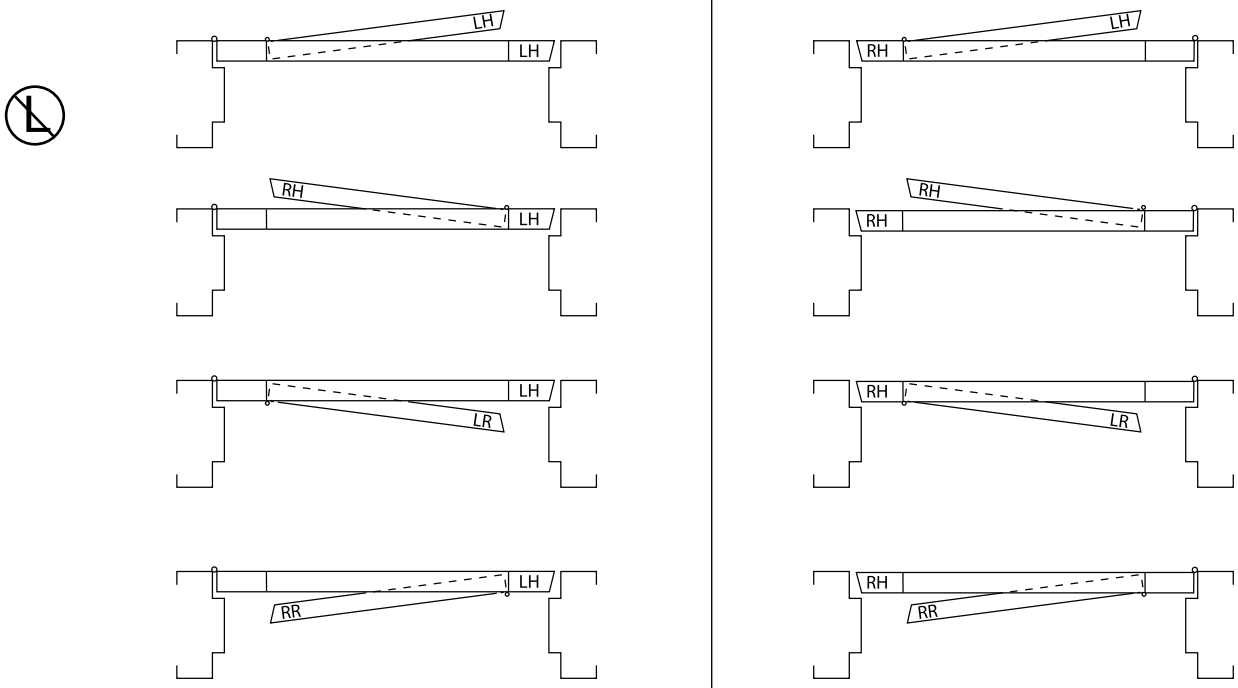
14 GA. (1.9) CHANNEL SURROUND FLUSH WITH SEAM EDGE NEXT TO SKINS

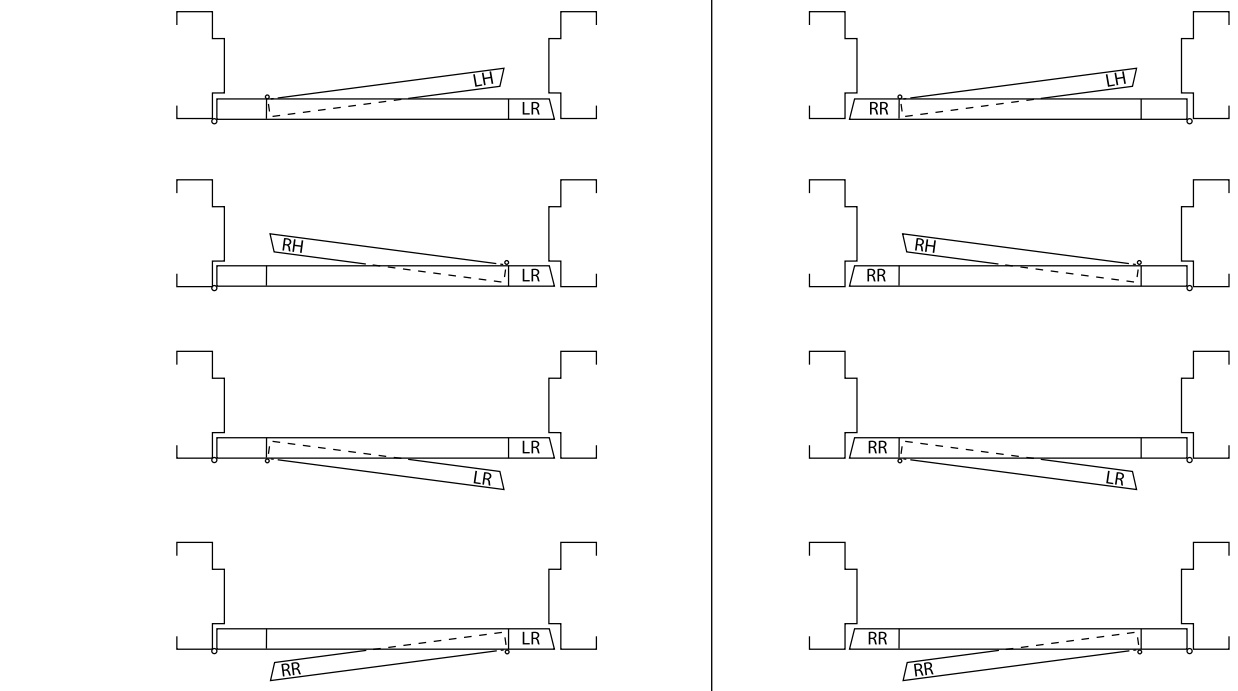


MAN DOOR

PASS THRU DOOR

WICKET DOOR HANDING





BEVELS (DOOR EDGE)

Ⓛ

SQUARE

1/8" IN 2" BEVEL

STANDARD DOOR BEVEL

SQUARE

SQUARE

DOOR BEVEL (NON-HANDED)
POCKET DOOR, TRANSOM PANEL,
SIDELIGHT PANEL

1/8" IN 2" BEVEL

WITH 1/4" RADIUS
LOW SIDE

1/8" IN 2" BEVEL

REQUIRED WITH ALL OFFSET PIVOT HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY

2-5/8"
RADIUS OR
*HARDWARE WILL
DETERMINE THE RADIUS*

2-5/8"
RADIUS
RADIUS SHOULD
MATCH HINGE EDGE

BULL NOSE BOTH ENDS ("N" OR "T" EDGE ONLY)
REQUIRED WITH SOME DOUBLE ACTING HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY

2-5/8"
RADIUS

SQUARE

BULL NOSE BOTH ENDS ("N" OR "T" EDGE ONLY)
REQUIRED WITH DOUBLE ACTING HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY

1/8" IN 2" BEVEL
(3.2) IN (50.8)

1/8" IN 2" BEVEL
(3.2) IN (50.8)

SPECIAL DOOR BEVEL
(DOUBLE BEVEL)

BEVELS (DOOR EDGE)

RECESSED HINGE EDGE

1/8" IN 2" BEVEL

FOR POCKET PIVOTS

RECESSED HINGE EDGE

SQUARE

FOR POCKET PIVOTS

847 - 857 - SECURITY DOOR BEVELS

1/8" IN 2" BEVEL
(3.2) IN (50.8)

1/8" IN 2" BEVEL

STANDARD DOOR BEVEL
(DOUBLE BEVEL)

SQUARE

1/8" IN 2" BEVEL

OPTIONAL DOOR BEVEL

SQUARE

SQUARE

OPTIONAL DOOR BEVEL
(NON-HANDED & HANDED) SLIDING DOORS

1/8" IN 2" BEVEL
WITH 1/4" RADIUS
LOW SIDE

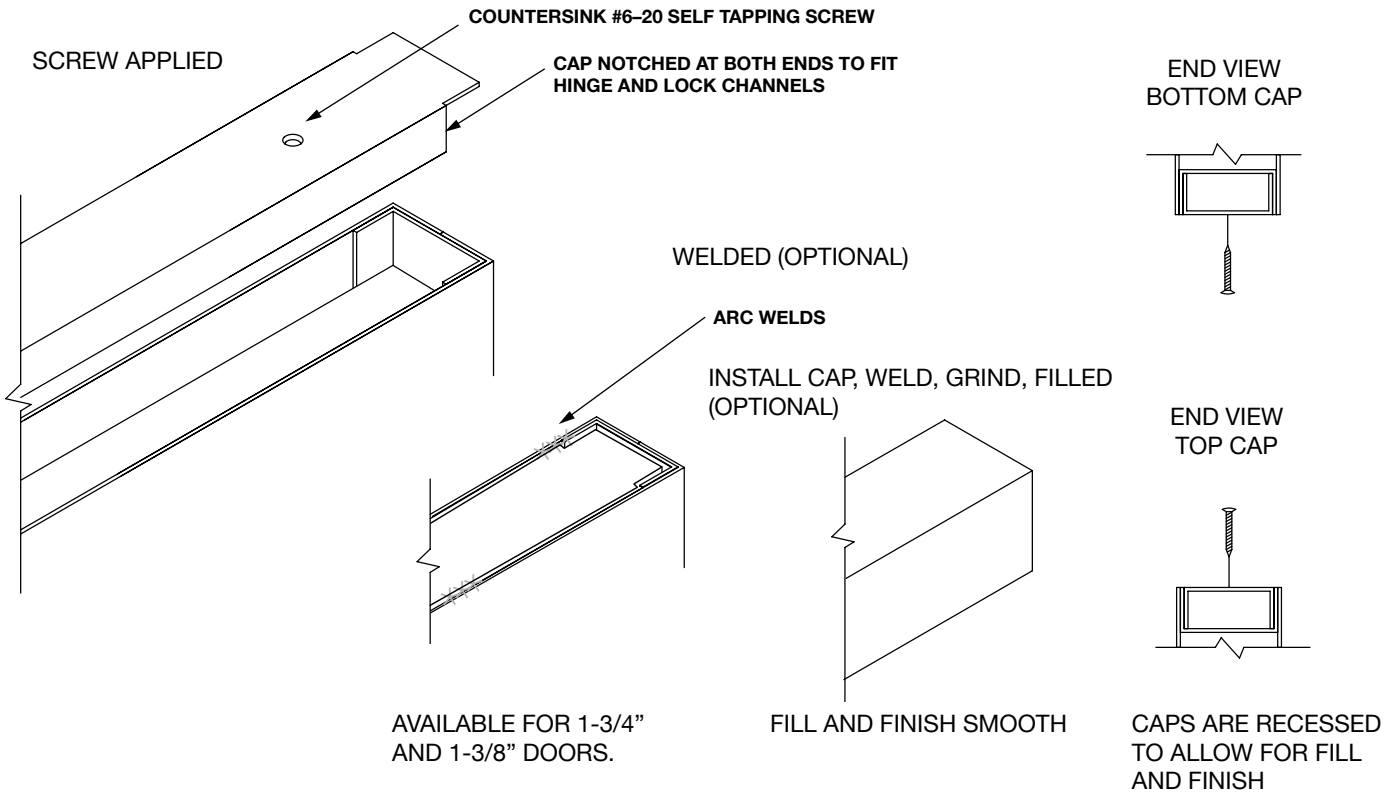
1/8" IN 2" BEVEL

REQUIRED WITH ALL OFFSET PIVOT HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY
OPTIONAL

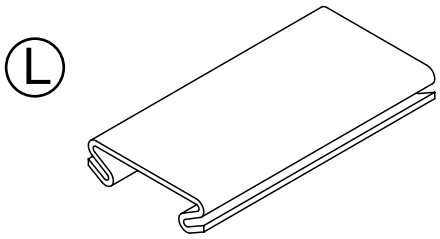
FILLER CAPS

STEEL TOP/BOTTOM FILLER CAP

STANDARD 20 GA. GALVANEALED

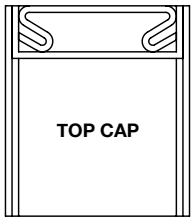


SNAP-IN STEEL TOP CAP

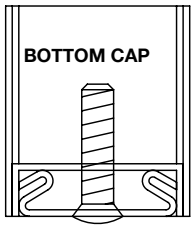


24 GA. GALVANEAL

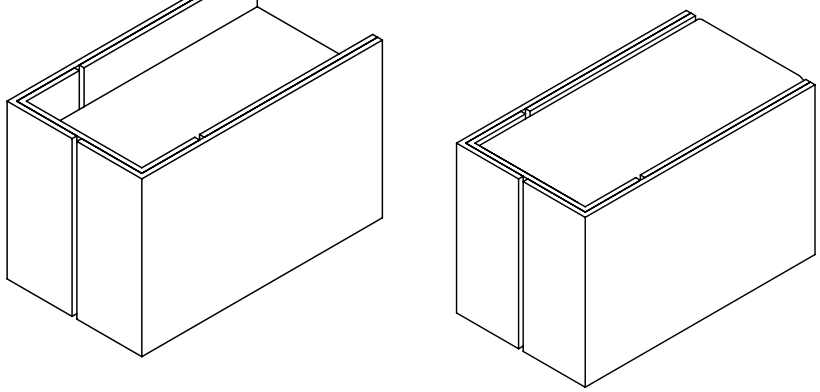
AVAILABLE FOR 1-3/4" DOORS ONLY.
607 AND 707 SERIES WITH 14 GAUGE HINGE CHANNEL.

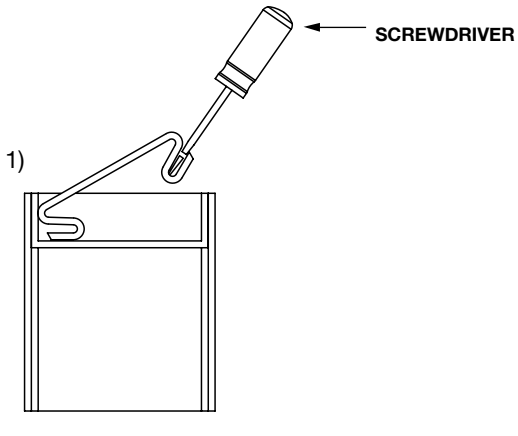


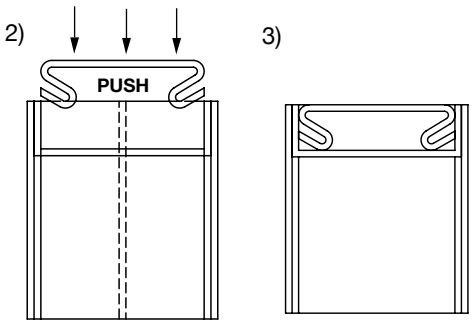
END VIEW



SCREW
RECOMMENDED







INSTALLATION INSTRUCTIONS

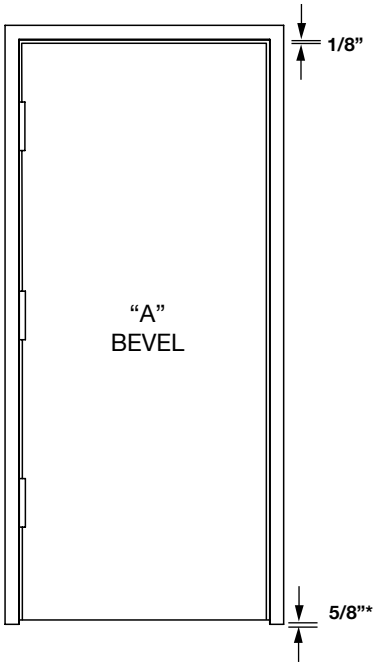
1) PLACE ONE LEG OF THE TOP CAP 1/8" INTO THE THROAT OF THE END CHANNEL. PLACE A STRAIGHT BLADE SCREW DRIVER IN THE BEND RADIUS AT ONE END OF THE TOP CAP AS SHOWN. USING A HAMMER TAP ON THE SCREW DRIVER TO START THE TOP CAP INTO THE THROAT OF THE END CHANNEL. PROCEED BY INCREMENTS FROM ONE END OF THE TOP CAP ACROSS TO THE OPPOSITE END. CARE SHOULD BE TAKEN NOT TO FORCE THE TOP CAP.

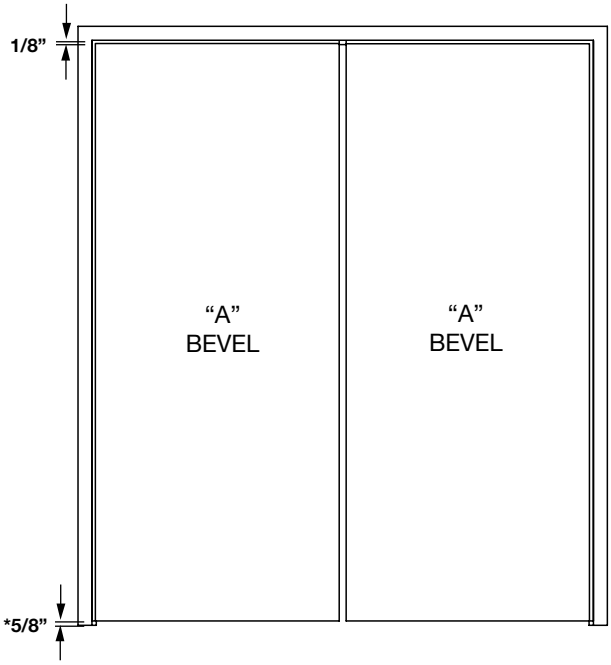
2) BOTH LEGS OF THE TOP CAP SHOULD BE COMPLETELY STARTED INTO THE THROAT OF THE END CHANNEL. THE TOP CAP CAN NOW BE PUSHED INTO THE END CHANNEL. A RUBBER HAMMER MAY BE NECESSARY TO SEAT THE TOP CAP COMPLETELY INTO THE END CHANNEL.

3) THE TOP CAP IS DESIGNED TO BE FLUSH TO SLIGHTLY BELOW THE LEGS OF THE END CHANNEL.

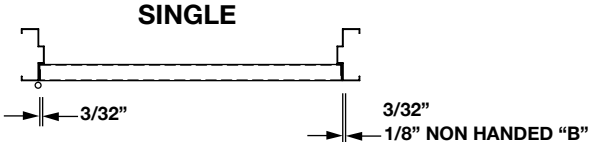
STANDARD DOOR CLEARANCES

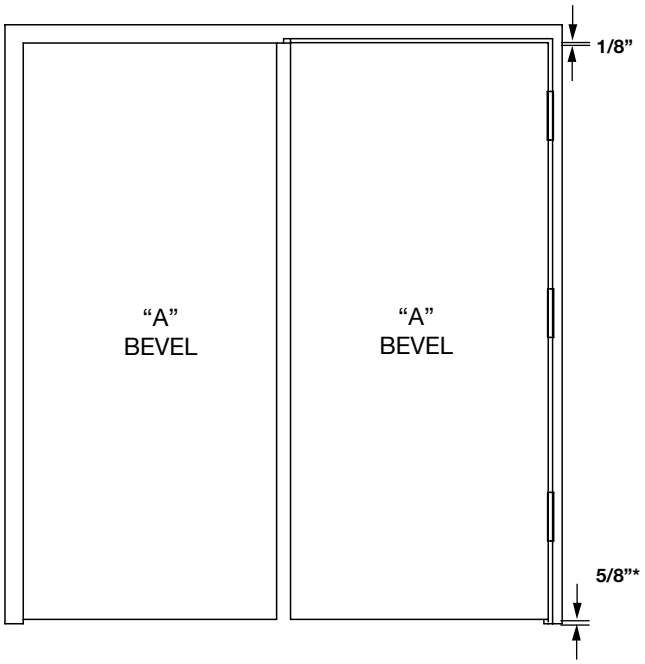
DOORS ORDERED FOR OTHER THAN CURRIES LOCATIONS WILL GET THE STANDARD UNDERCUT OF THE SPECIFIED MANUFACTURER.





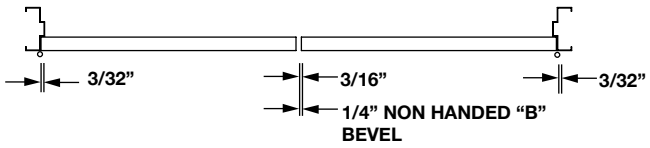
SINGLE



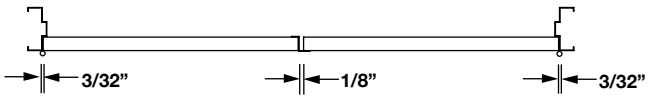


PAIR

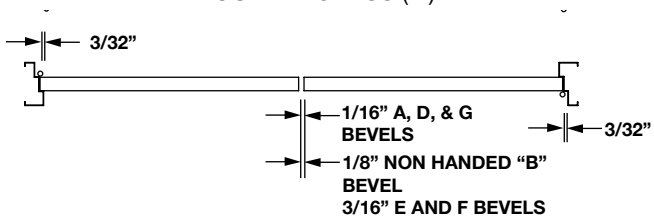
WITHOUT ASTRAGAL



WITH "Z" ASTRAGAL



DOUBLE EGRESS (E) +



** NOTE: THE 5/8" STANDARD BOTTOM UNDERCUT SHOWN ON THE ABOVE DRAWINGS ARE FOR 1-3/4" DOORS.*

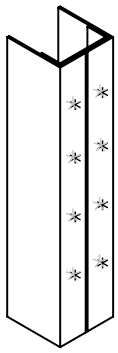
+ NOTE: E CODE (DOUBLE OPENING) DOORS ARE OVERSIZE 1/16" FROM STANDARD FOR DOUBLE EGRESS.

EDGE SEAM TYPES “S” - “N” - “T”

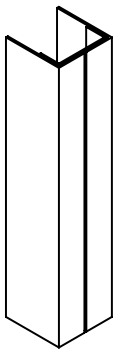
Ⓛ

VISIBLE EDGE SEAM TYPES “S”

1. SKINS ARE SPOT WELDED TO HINGE AND LOCK CHANNELS

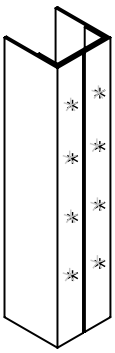


2. SPOT WELDS ARE FILLED AND GROUND SMOOTH

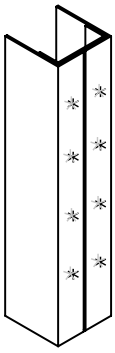


FILLED FLUSH EDGE SEAM TYPE “N”

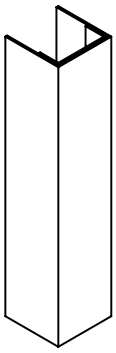
1. SKINS ARE SPOT WELDED TO HINGE AND LOCK CHANNELS



2. SPOT WELD SEAMS AT STRESS POINTS AND BETWEEN EACH “S” WELD LOCATION

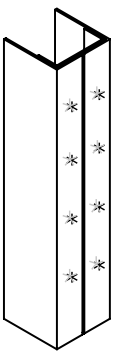


3. ALL WELDS AND SEAMS ARE FILLED AND GROUND SMOOTH

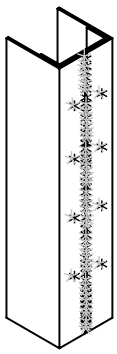


FLUSH EDGE SEAM WELDED AND FILLED TYPE “T”

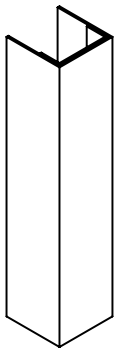
1. SKINS ARE SPOT WELDED TO HINGE AND LOCK CHANNELS



2. CONTINUOUSLY WELD SEAM FULL HEIGHT OF EDGES



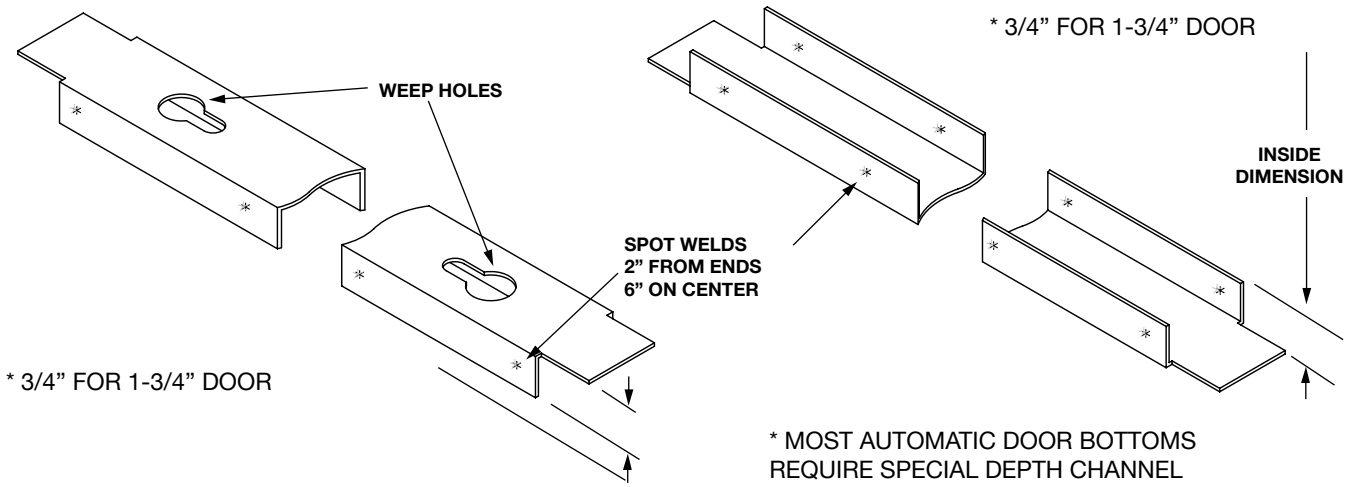
3. ALL WELDS AND SEAMS ARE FILLED AND GROUND SMOOTH

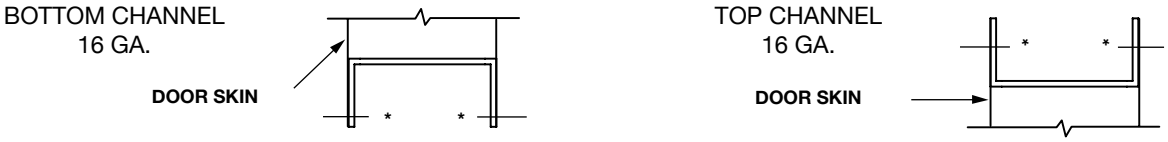


NOTE: NOT AVAILABLE ON 20 GAUGE DOORS

END CHANNELS

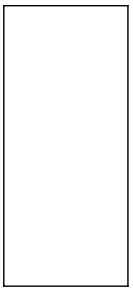
STANDARD TOP/BOTTOM END CHANNELS



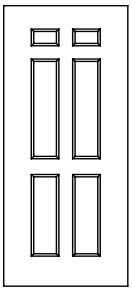


NOTE - CHANNEL GAUGE MAY VARY WITH DOOR SERIES

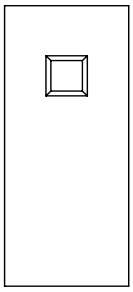
DOOR TYPES



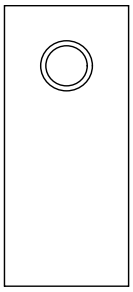
CURRIES-F
SDI-F



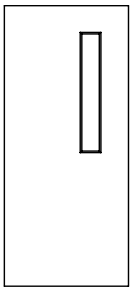
E6 *
PANEL DOOR



FV
V



FRV



FNV
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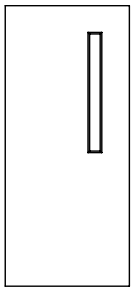
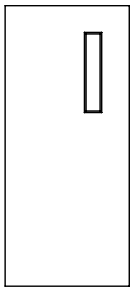
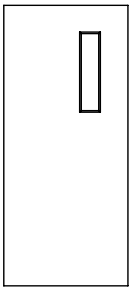


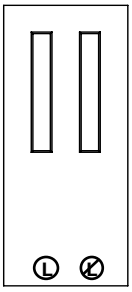
FNV4



FNV5



FNV6



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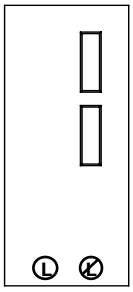
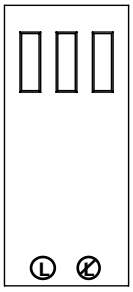
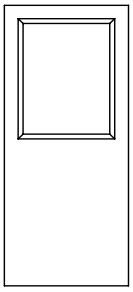


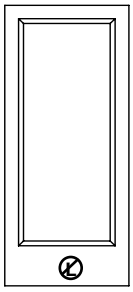
2FNV



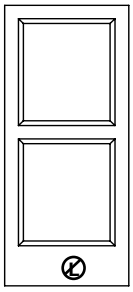
3FNV



HG
G



FG



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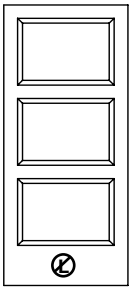

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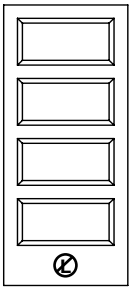

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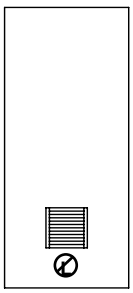
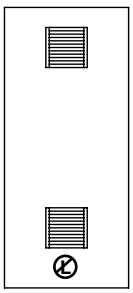
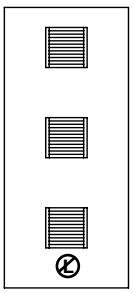


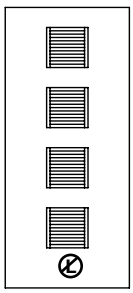
FL
L



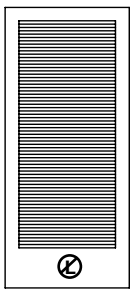
F2L
LL



F3L



F4L



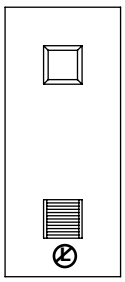
FGL

* *SEE EMBOSSED DOOR SECTION FOR MORE FACE TYPE DETAILS.*

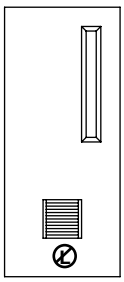
NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE

DOOR TYPES

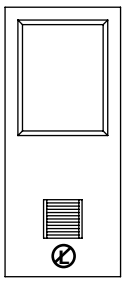
Ⓛ



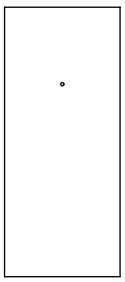
CURRIES-FVL
SDI-VL



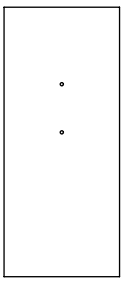
FNVL
NL



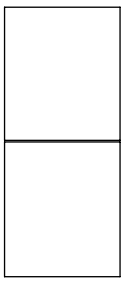
HGL
GL



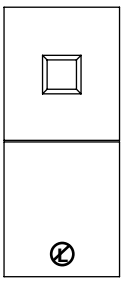
FP



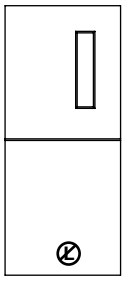
F2P



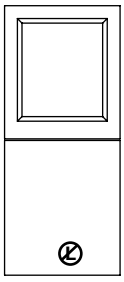
FD
D



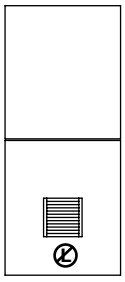
FDFV



FDFNV



FDHG



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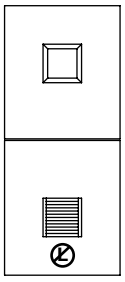
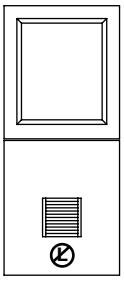
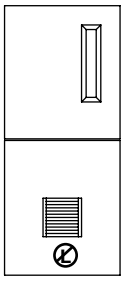


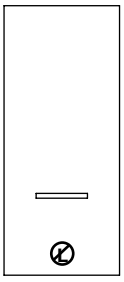
FDFVL



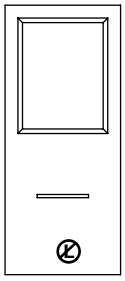
FDHGL



FDFNVL



FMS



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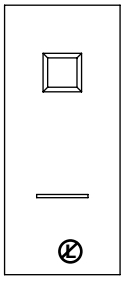
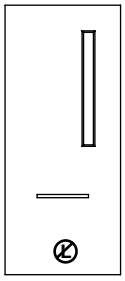
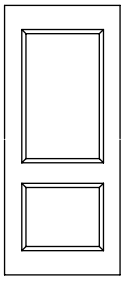


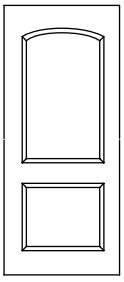
FVMS



FNVMS



2P



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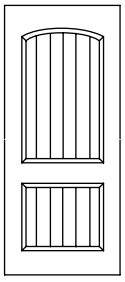
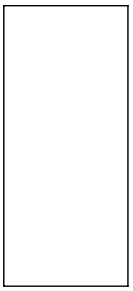


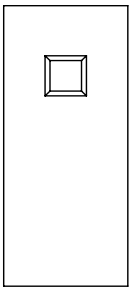
2PAP

847 DOOR FACE TYPES

Ⓛ



CURRIES-F
SDI-F



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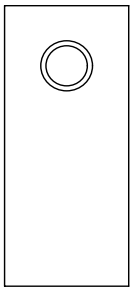

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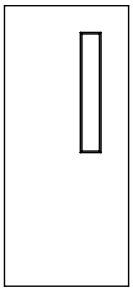

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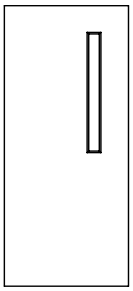

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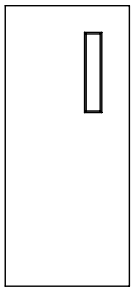

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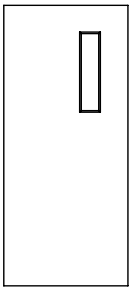

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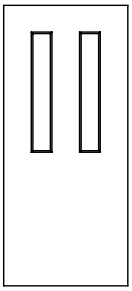

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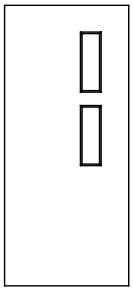

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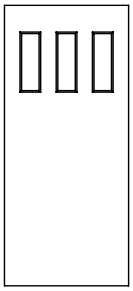

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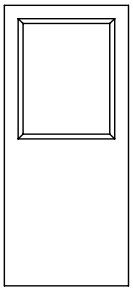

HG
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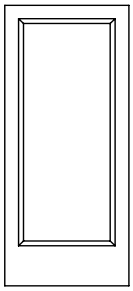

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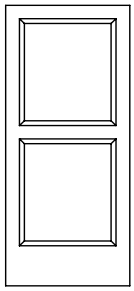

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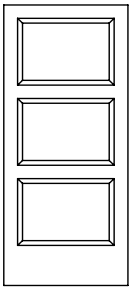

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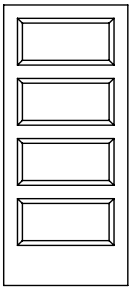

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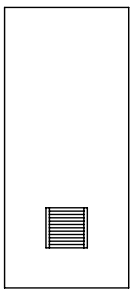

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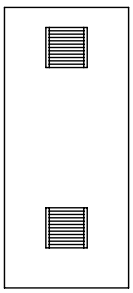

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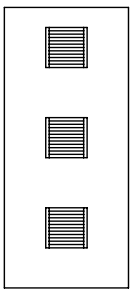

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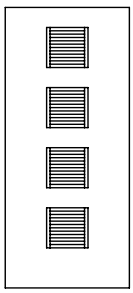

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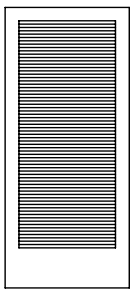

FGL

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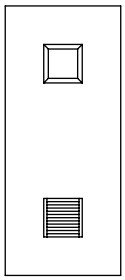
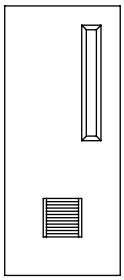
NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE

847 & 857 DOOR FACE TYPES

Ⓛ



CURRIES-FVL
SDI-VL



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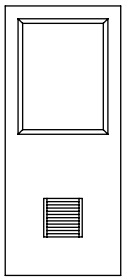

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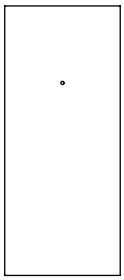
GL



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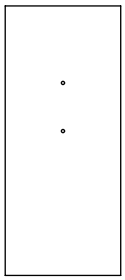

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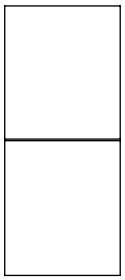

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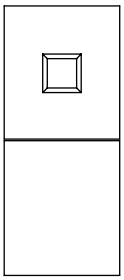

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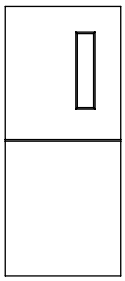

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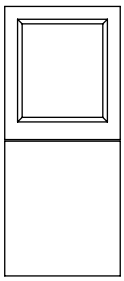

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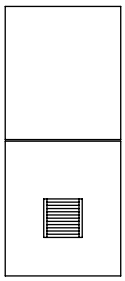

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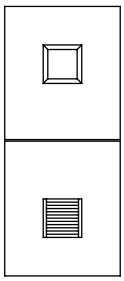

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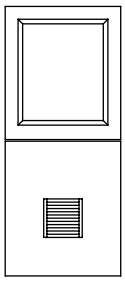

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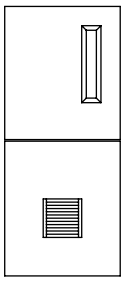

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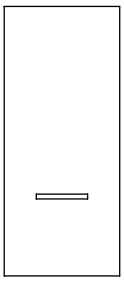

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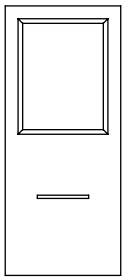

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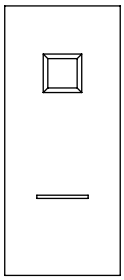

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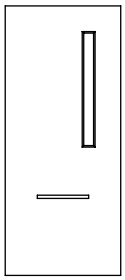

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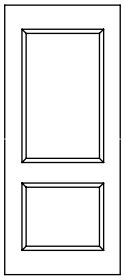

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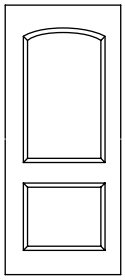

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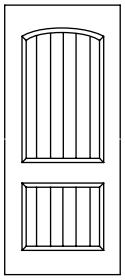

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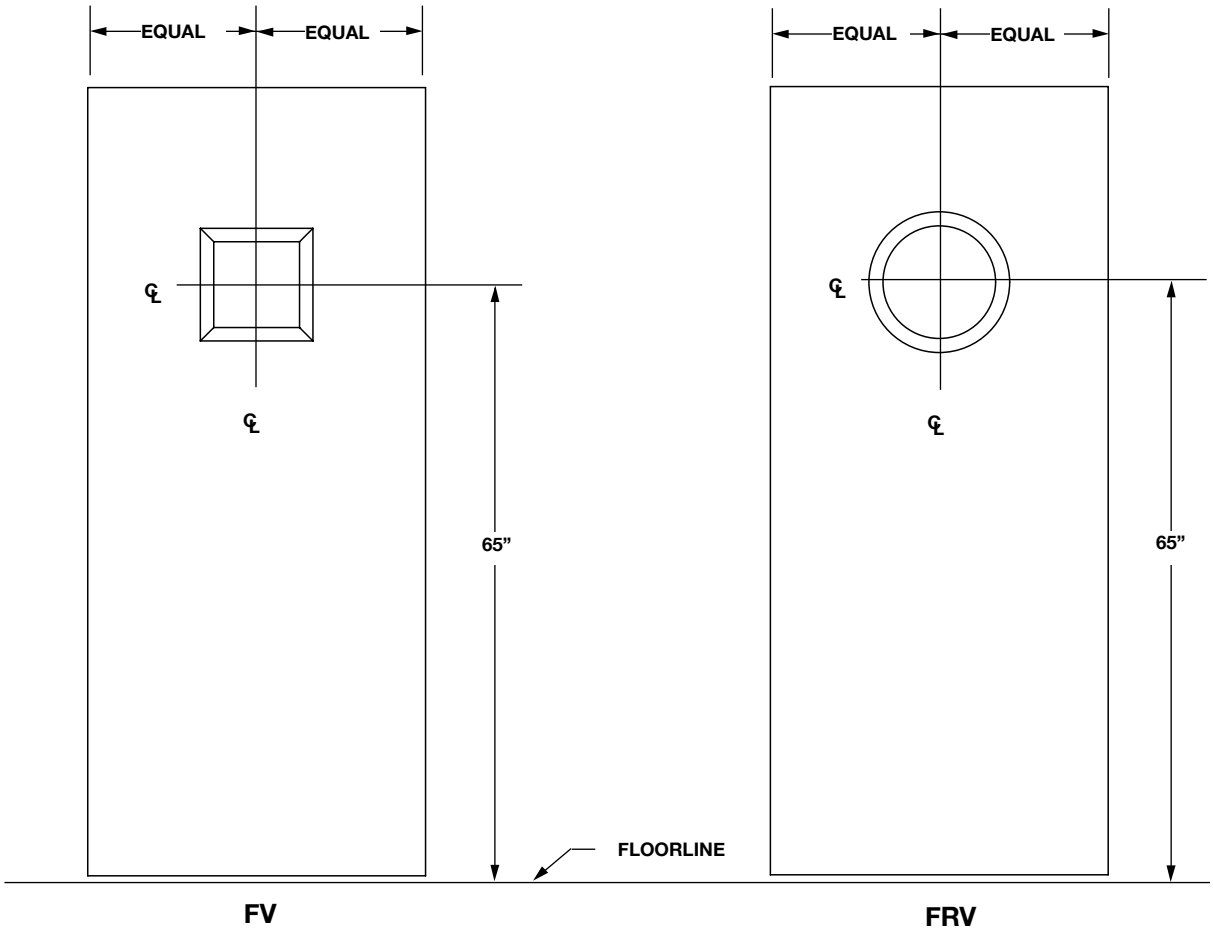
GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FV, FRB

TYPE 1 & 2 WINDOW MOULDING

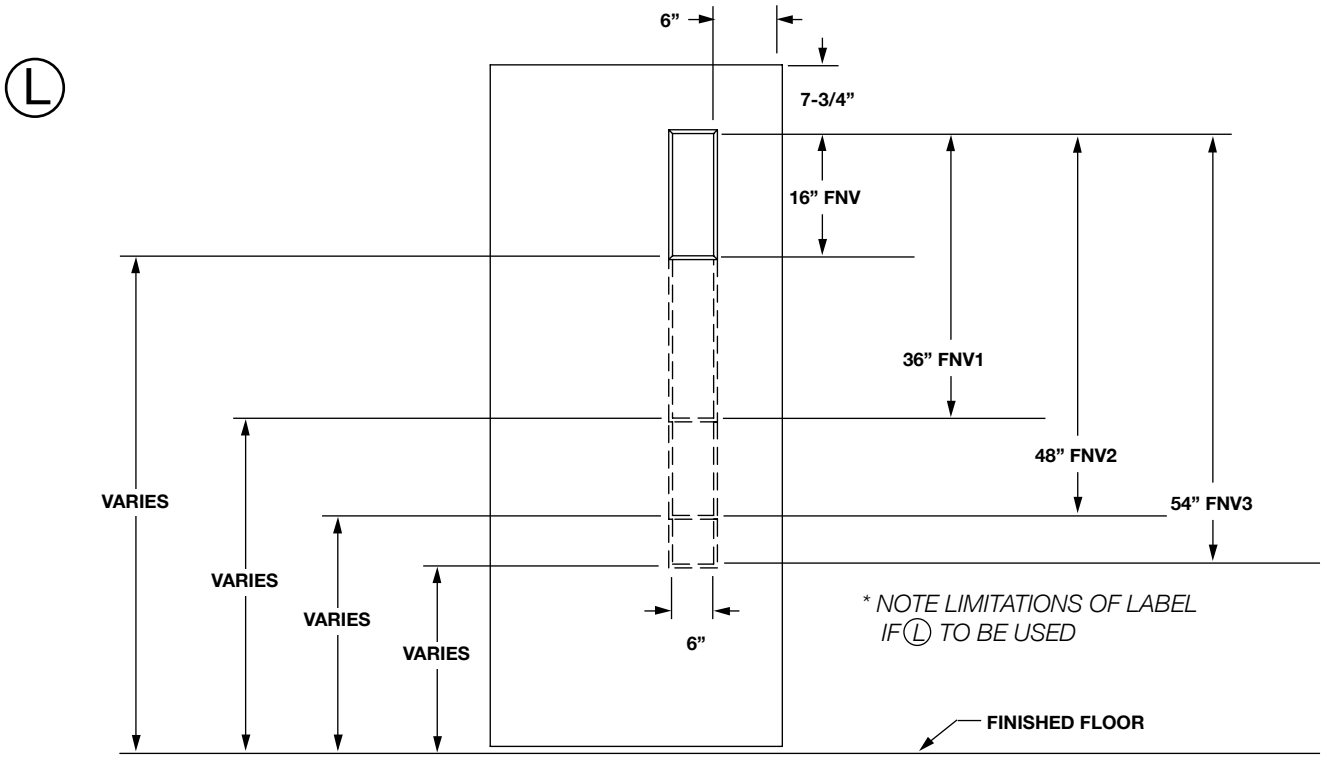


FV	10” X 10”
FV1	12” X 12”
FRV	12” DIA. CUTOUT VISIBLE = 10”
FRV1	18” DIA. CUTOUT VISIBLE = 16”
FRV2	24” DIA. CUTOUT VISIBLE = 22”

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FNV

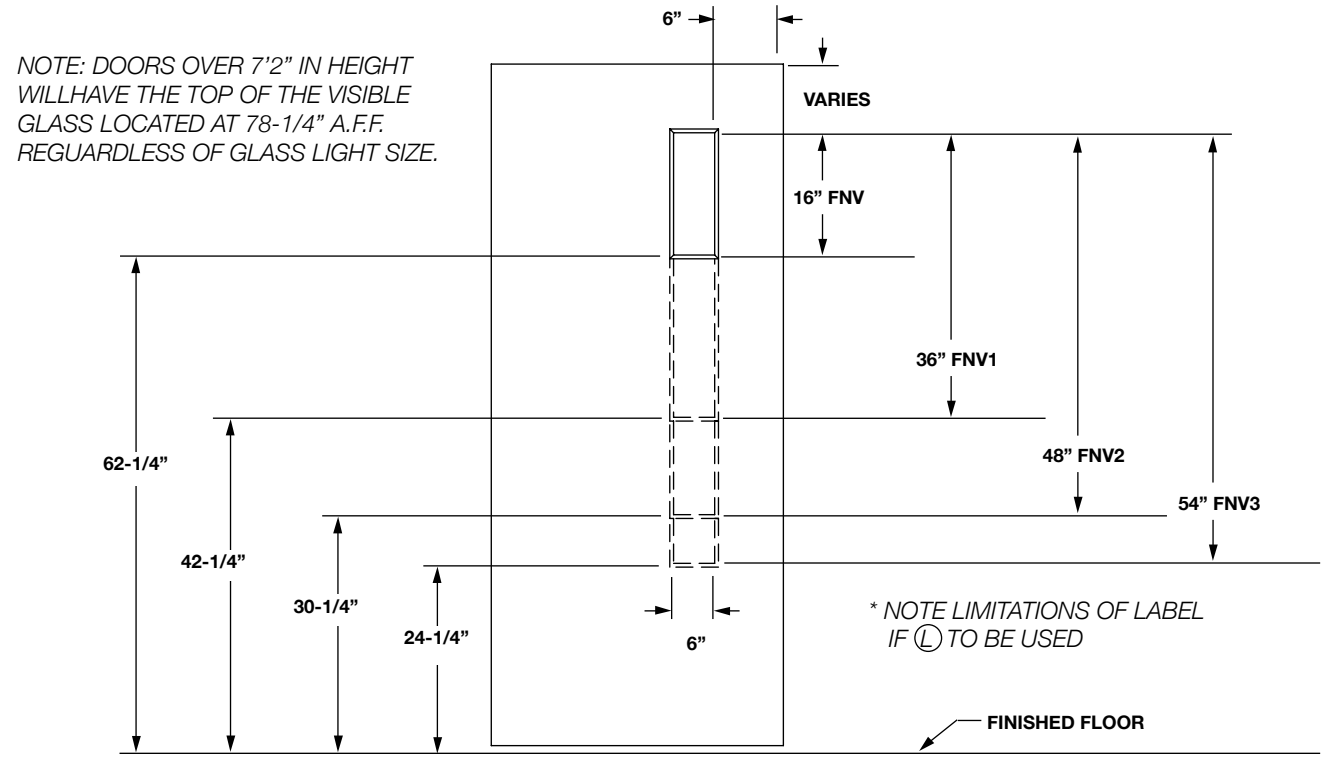
TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" AND UNDER



STANDARD LOCATIONS FOR DOORS OVER 7'2"

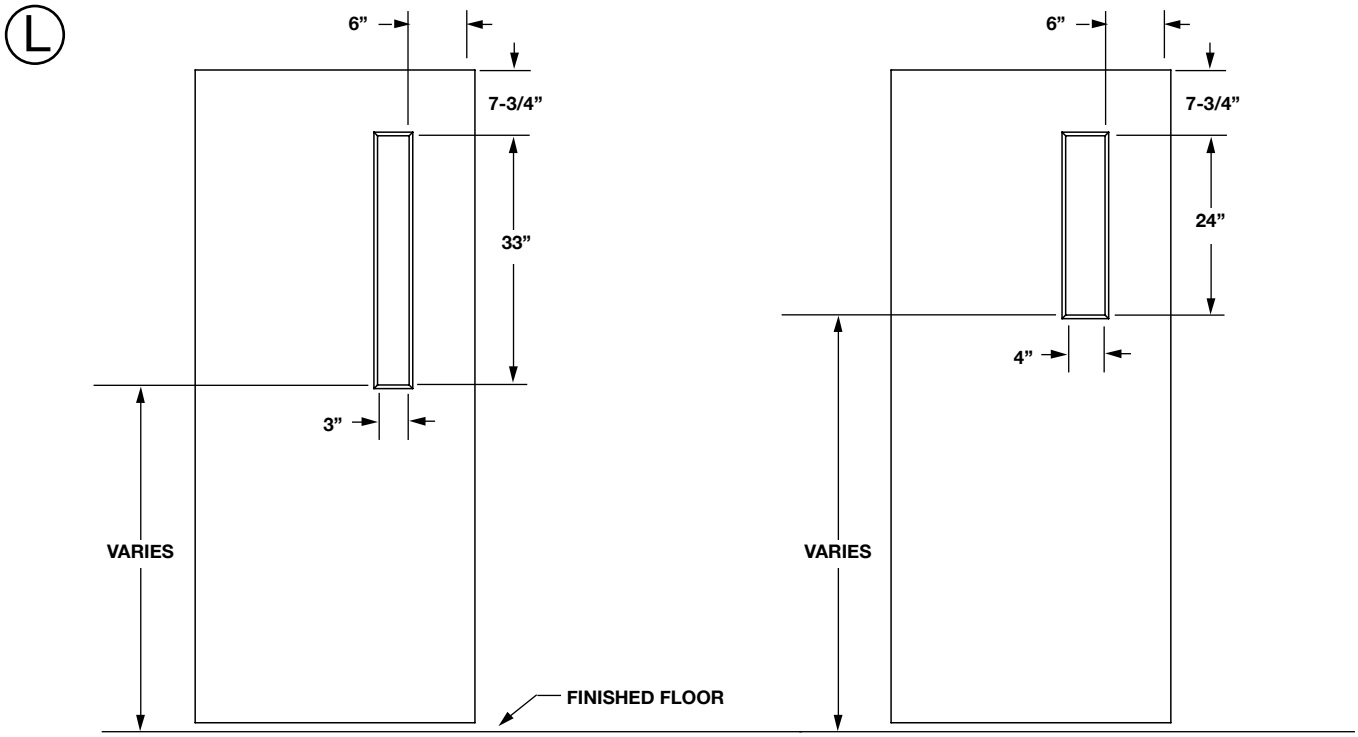
NOTE: DOORS OVER 7'2" IN HEIGHT WILLHAVE THE TOP OF THE VISIBLE GLASS LOCATED AT 78-1/4" A.F.F. REGUARDLESS OF GLASS LIGHT SIZE.



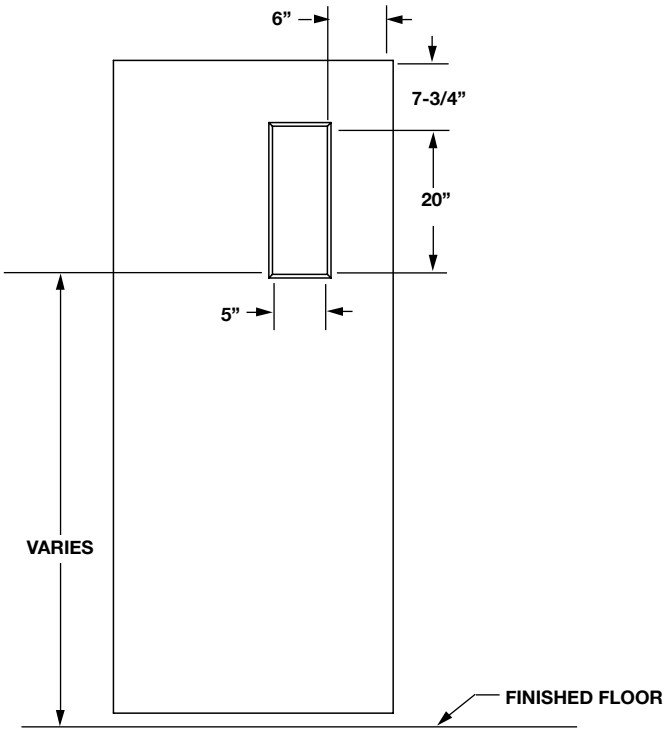
GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FNV

TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FORDOORS 7'2" AND UNDER



FNV4 **FNV5**

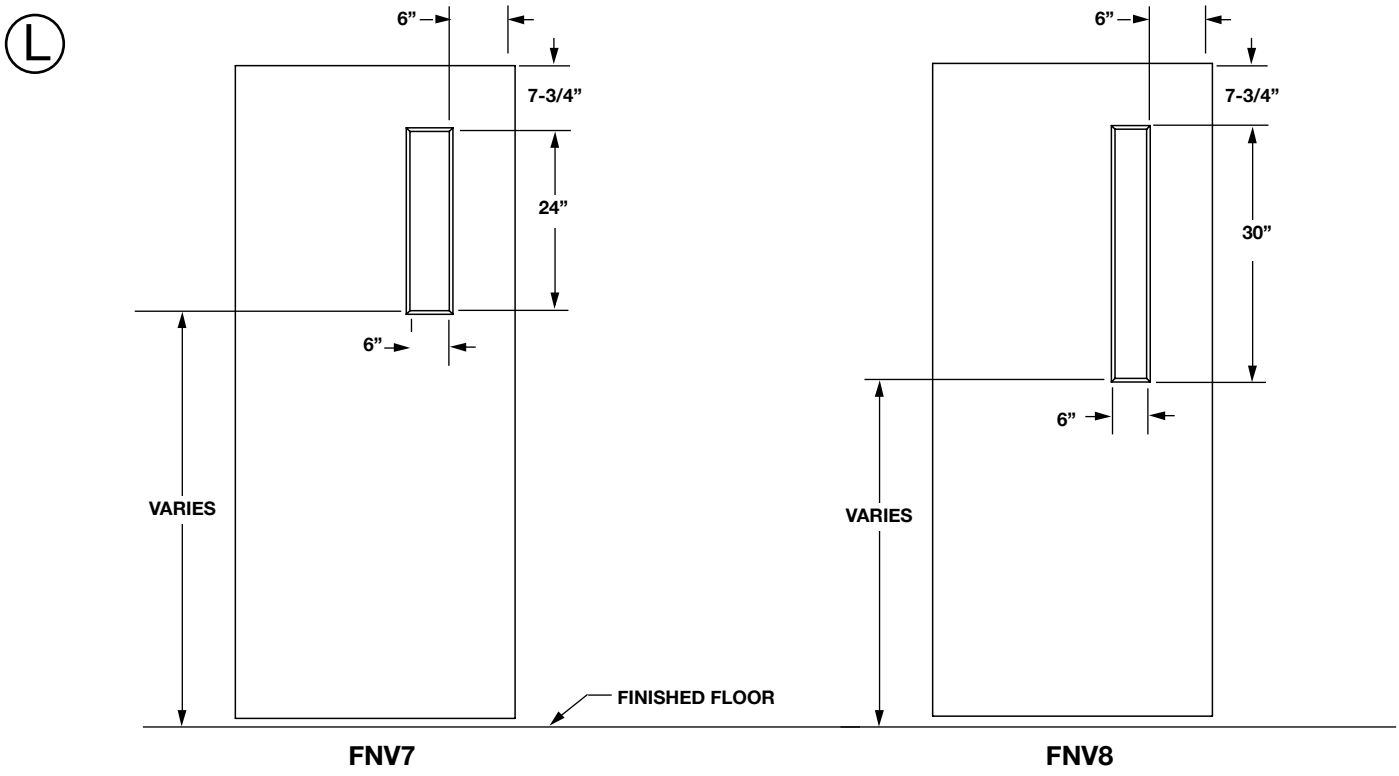


FNV6

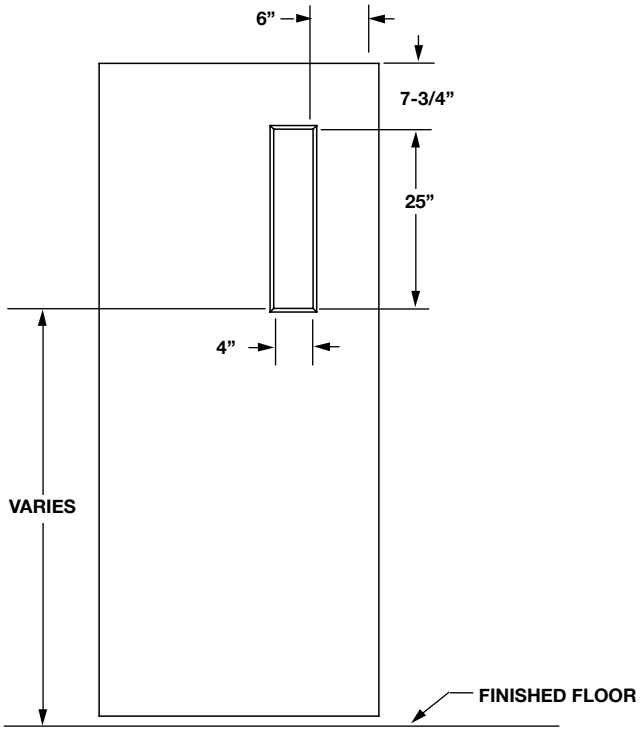
GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FNV

TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FORDOORS 7'2" AND UNDER



FNV7 FNV8

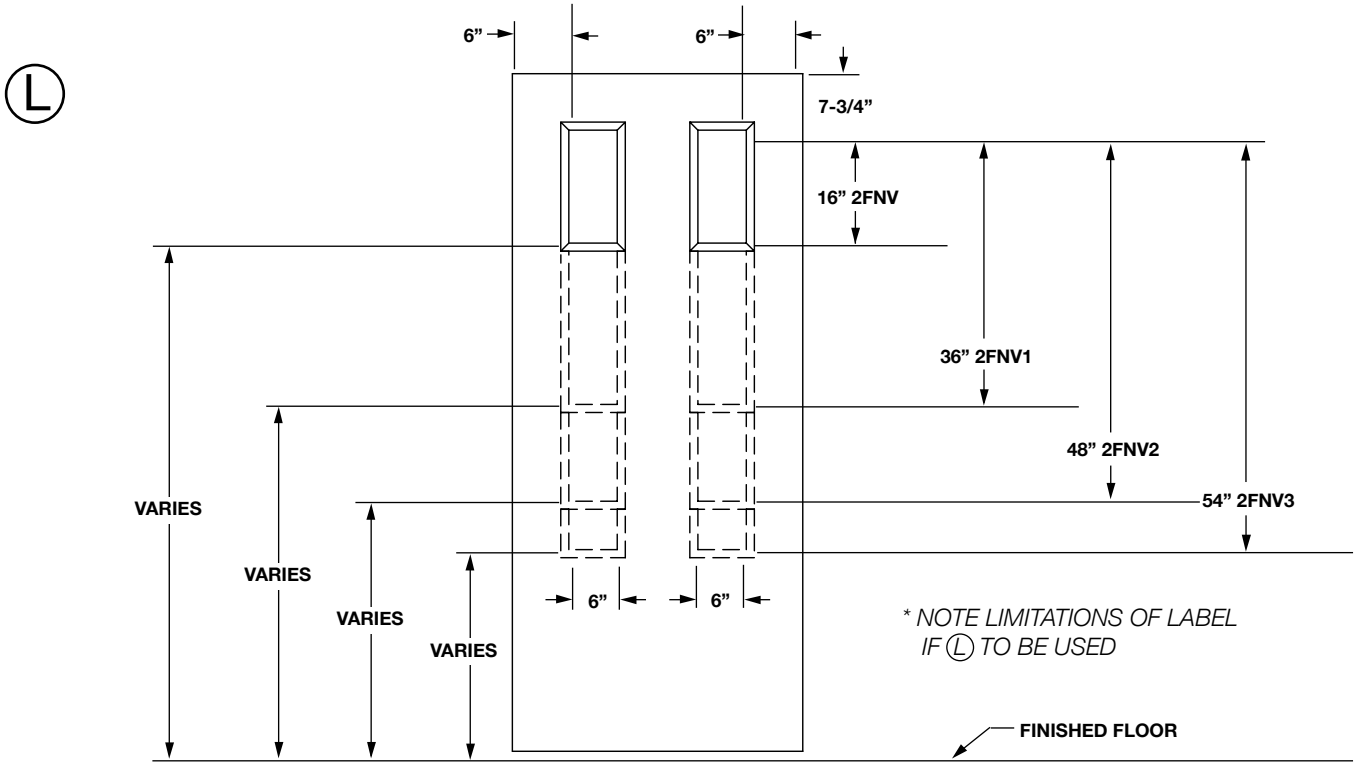


FNV9

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS 2FNV

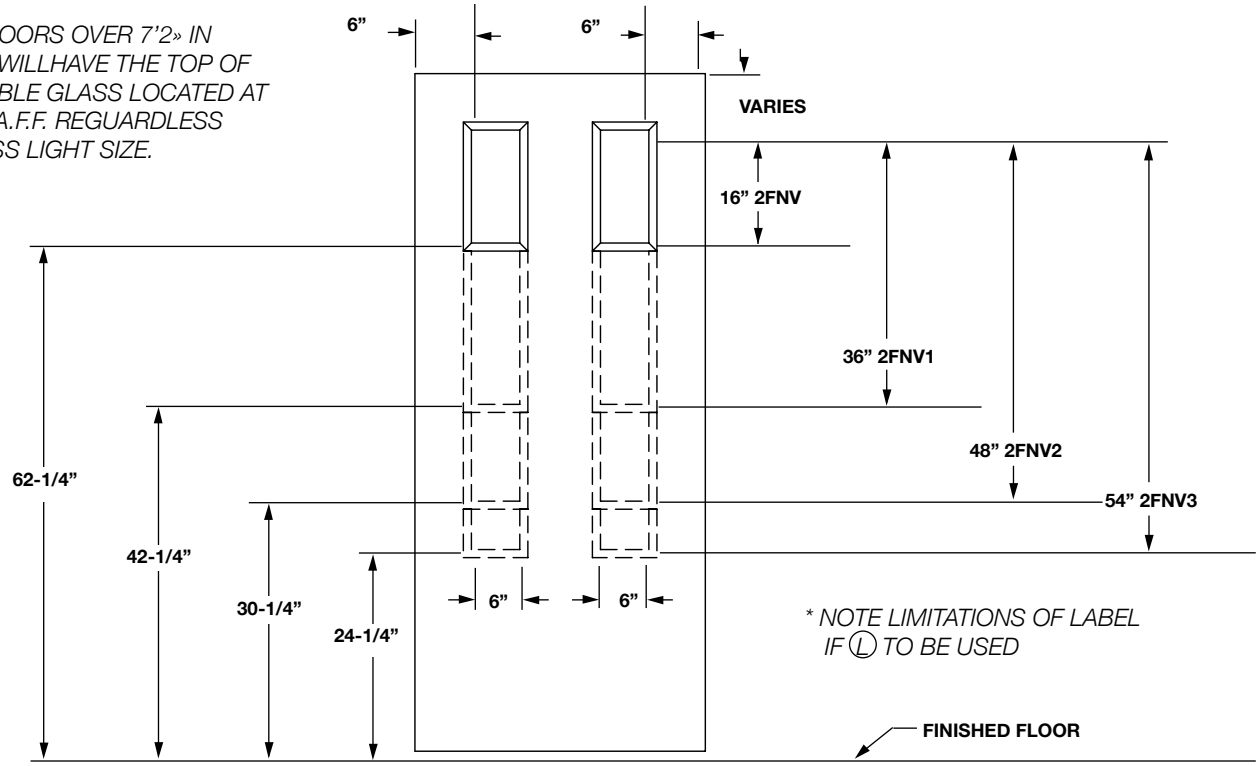
TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" AND UNDER



STANDARD LOCATIONS FOR DOORS OVER 7'2"

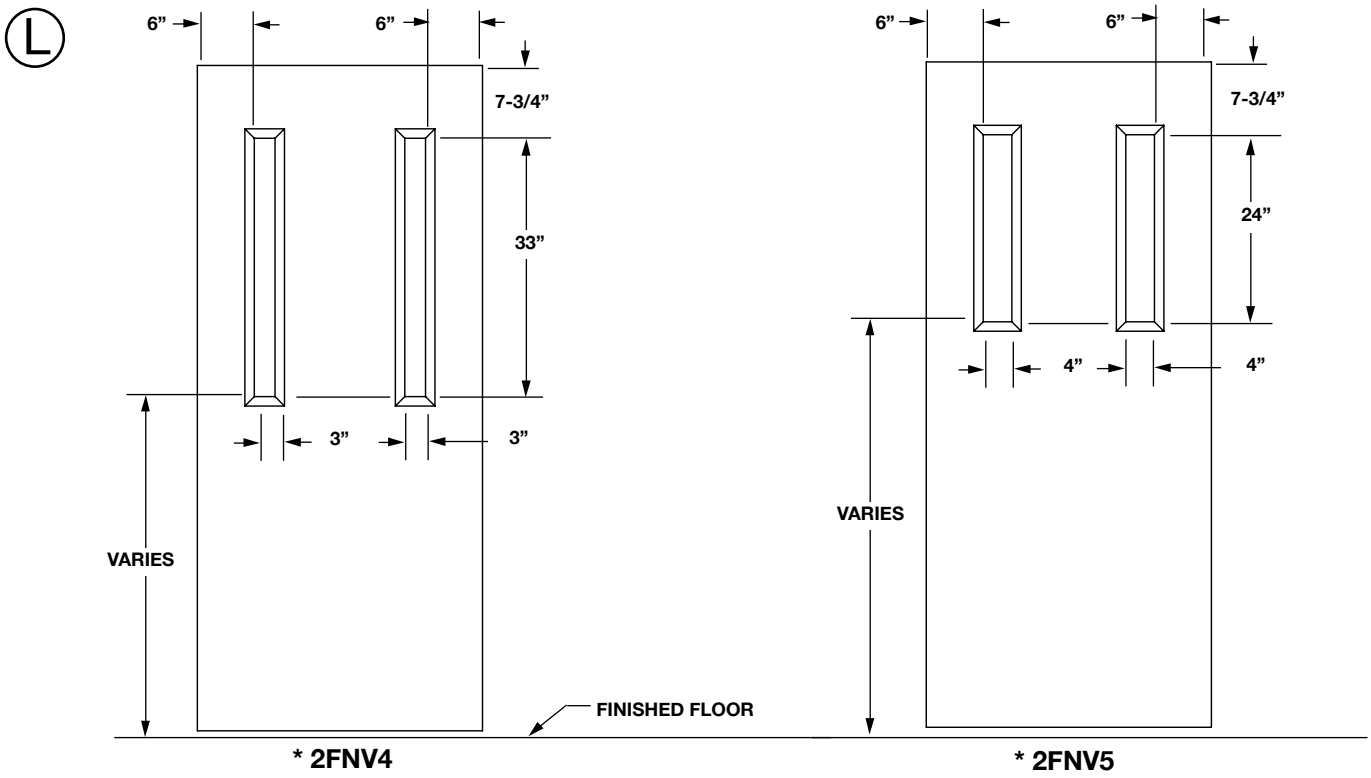
NOTE: DOORS OVER 7'2» IN HEIGHT WILLHAVE THE TOP OF THE VISIBLE GLASS LOCATED AT 78-1/4» A.F.F. REGUARDLESS OF GLASS LIGHT SIZE.

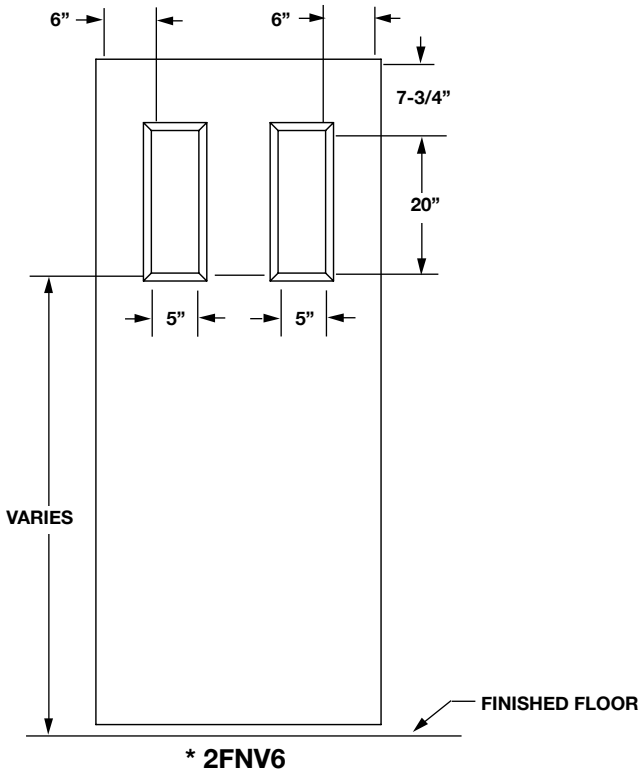


GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS 2FNV

TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" AND UNDER





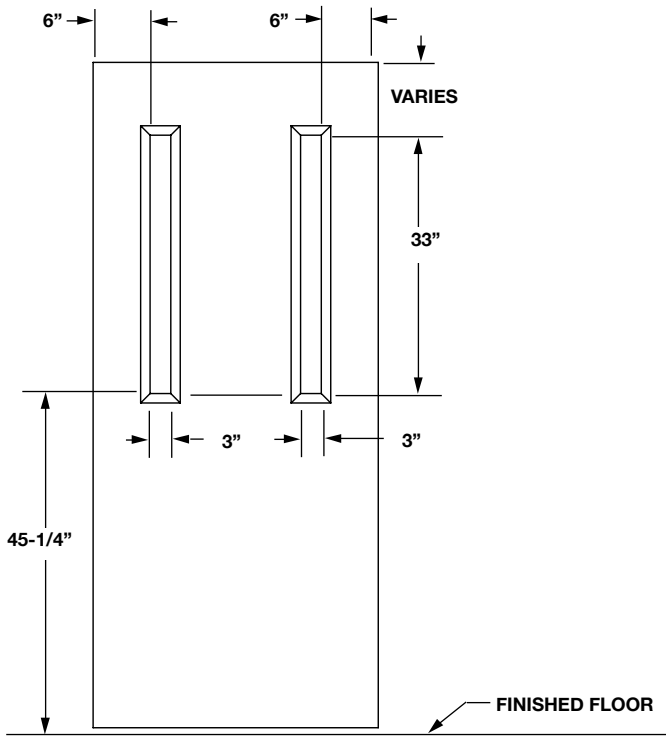
* MINIMUM 6" STILES
TO BE LABEL APPROVED

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS 2FNV

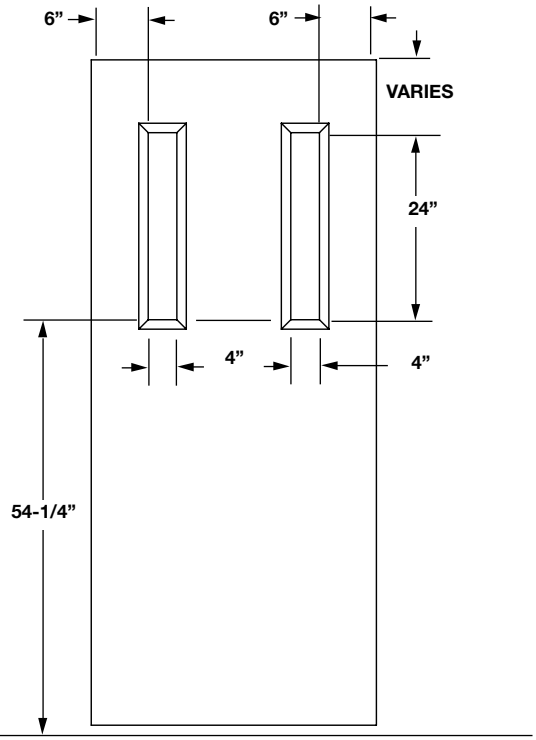
TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS OVER 7'2"

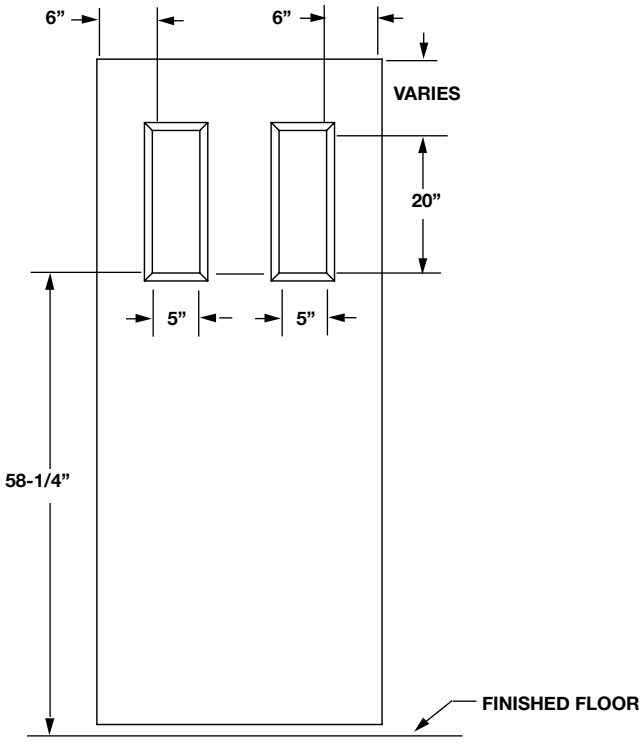
Ⓛ



*** 2FNV4**



*** 2FNV5**



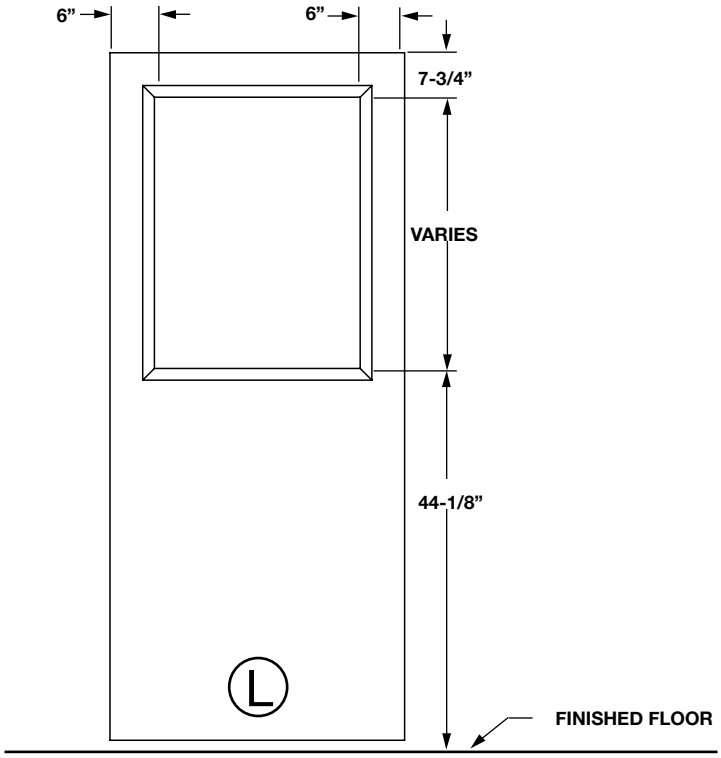
*** 2FNV6**

* MINIMUM 6" (152.4) STILES
TO BE LABEL APPROVED

NOTE: DOORS OVER 7'2" IN HEIGHT WILL HAVE THE TOP OF THE VISIBLE GLASS LOCATED AT 78" A.F.F. REGUARDLESS OF GLASS LIGHT SIZE.

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS HG

TYPE 1 & 2 WINDOW MOULDING



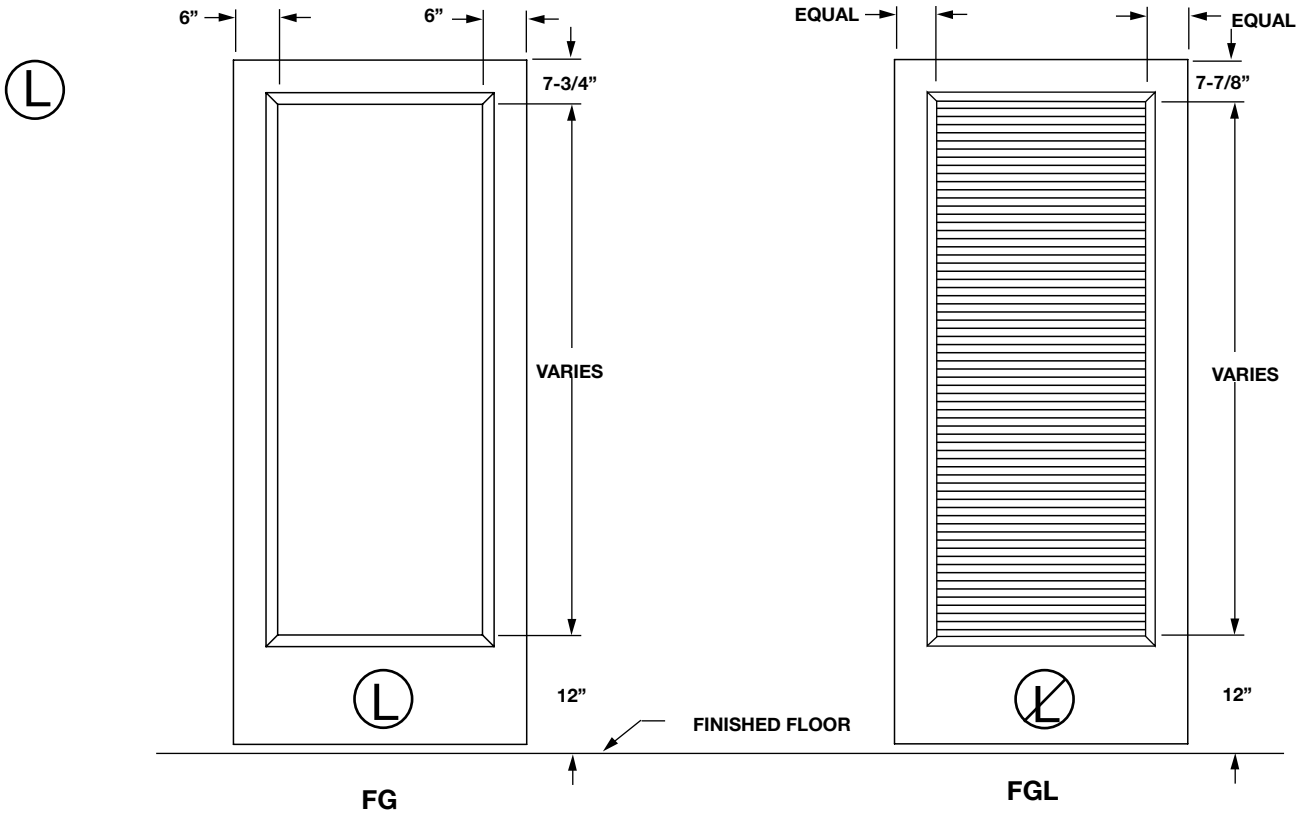
HG

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2’0”	11-13/16”		
2’4”	15-13/16”		
2’6”	17-13/16”	6’8”	28”
2’8”	19-13/16”		
2’10”	21-13/16”		
3’0”	23-13/16”	7’0”	32”
3’4”	27-13/16”		
3’6”	29-13/16”		
3’8”	31-13/16”	7’2”	34”
3’10”	33-13/16”		
4’0”	35-13/16”		

NOTE: FOR DOORS OVER 7’2” UP TO AND INCLUDING 8’0” STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8’0” A MAXIMUM 44” VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44” VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8’0”.

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FG, FGL

TYPE 1 & 2 WINDOW MOULDING



DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2’0”	11-13/16”		
2’4”	15-13/16”		
2’6”	17-13/16”	6’8”	60-1/8”
2’8”	19-13/16”		
2’10”	21-13/16”		
3’0”	23-13/16”	7’0”	64-1/8”
3’4”	27-13/16”		
3’6”	29-13/16”		
3’8”	31-13/16”	7’2”	66-1/8”
3’10”	33-13/16”		
4’0”	35-13/16”		

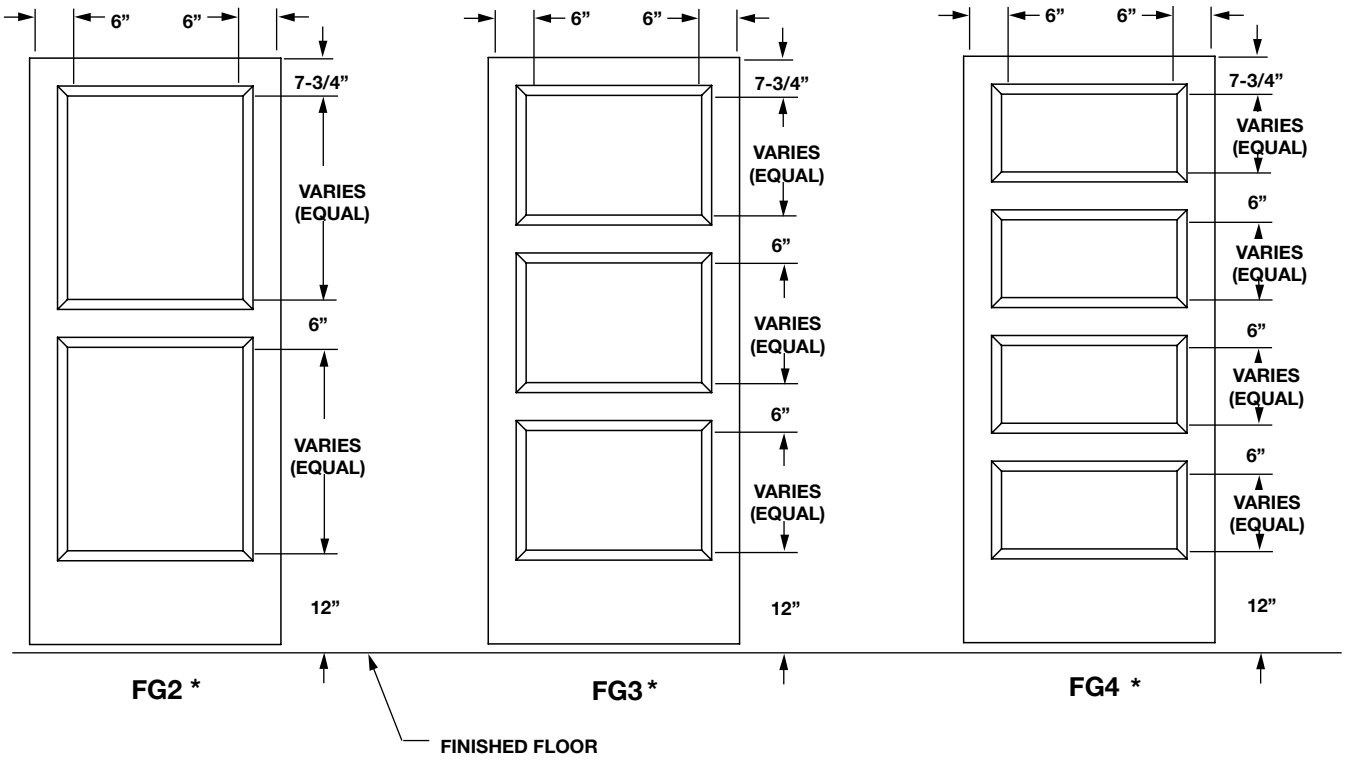
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2’0”	12”		
2’4”	16”		
2’6”	18”	6’8”	60”
2’8”	20”		
2’10”	22”		
3’0”	24”	7’0”	64”
3’0”	28”		
3’6”	30”		
3’8”	32”	7’2”	66”
3’10”	34”		
4’0”	36”		

NOTE: FOR DOORS OVER 7’2” UP TO AND INCLUDING 8’0” STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8’0” A MAXIMUM 44” VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44” VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8’0”.

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FG2, FG3, FG4

TYPE 1 & 2 WINDOW MOULDING

Ⓛ



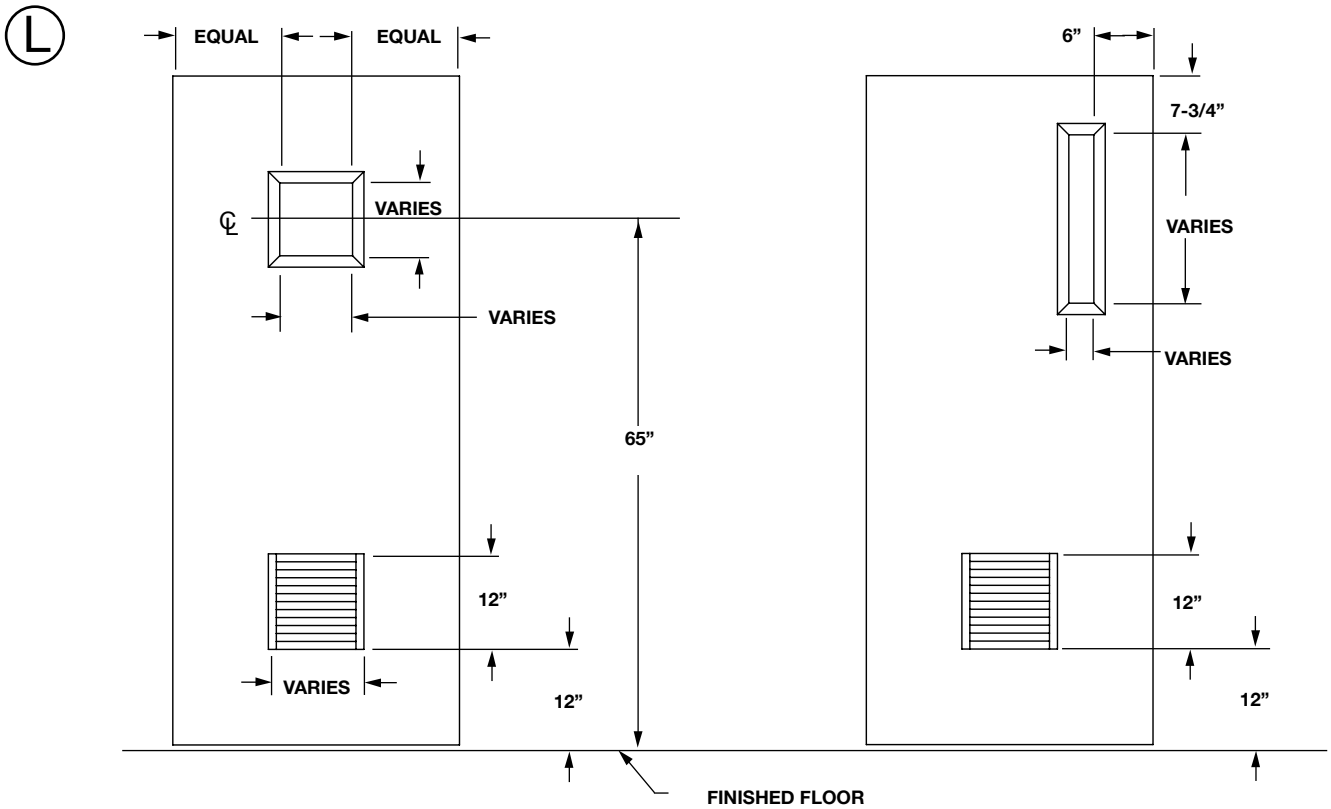
** NOTE: A MINIMUM 6” STILE AND 6” RAIL IS REQUIRED FOR FIRE LABEL LISTED DOOR)*

		FG2		FG3		FG4	
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT
2’0”	11-13/16”						
2’4”	15-13/16”						
2’6”	17-13/16”	6’8”	27-1/16”	6’8”	16-1/16”	6’8”	10-9/16”
2’8”	19-13/16”						
2’10”	21-13/16”						
3’0”	23-13/16”	7’0”	29-1/16”	7’0”	17-3/8”	7’0”	11-9/16”
3’4”	27-13/16”						
3’6”	29-13/16”						
3’8”	31-13/16”	7’2”	30-1/16”	7’2”	18-1/16”	7’2”	12-1/16”
3’10”	33-13/16”						
4’0”	35-13/16”						

NOTE: FOR DOORS OVER 7’2” UP TO AND INCLUDING 8’0” STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8’0”.

FACE TYPE LOCATIONS FVL, FNVL

TYPE 1 & 2 WINDOW MOULDING



FVL
FV = FULL VISION STANDARDS
L = LOUVER STANDARDS

FNVL
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE:
12" X 12" FULL VISION LIGHT
18" X 12" LOUVER

FV1L2

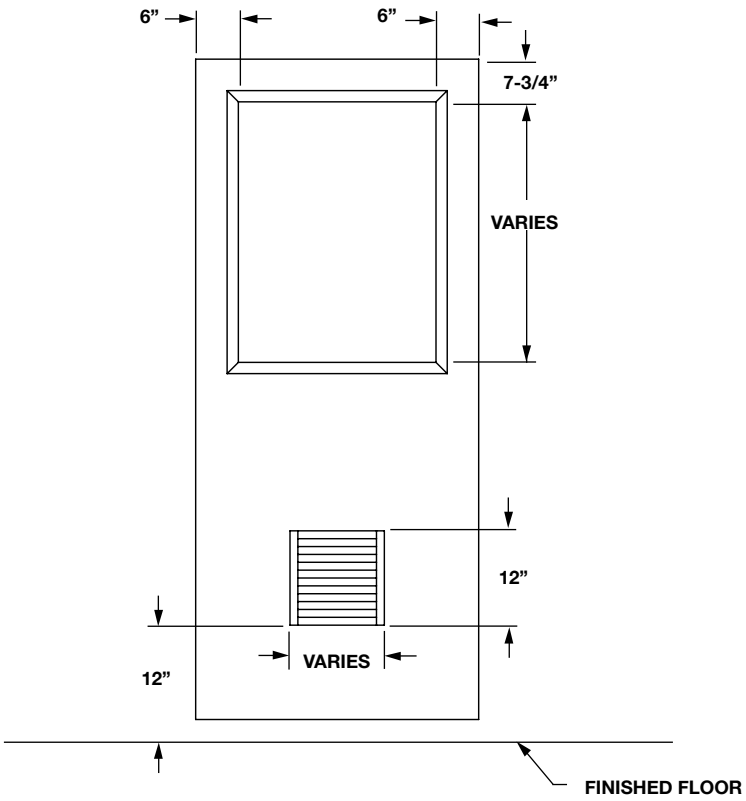
EXAMPLE:
6" X 36" NARROW VISION LIGHT
18" X 12" LOUVER

FNV1L2

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

FACE TYPE LOCATIONS HGL

TYPE 1 & 2 WINDOW MOULDING



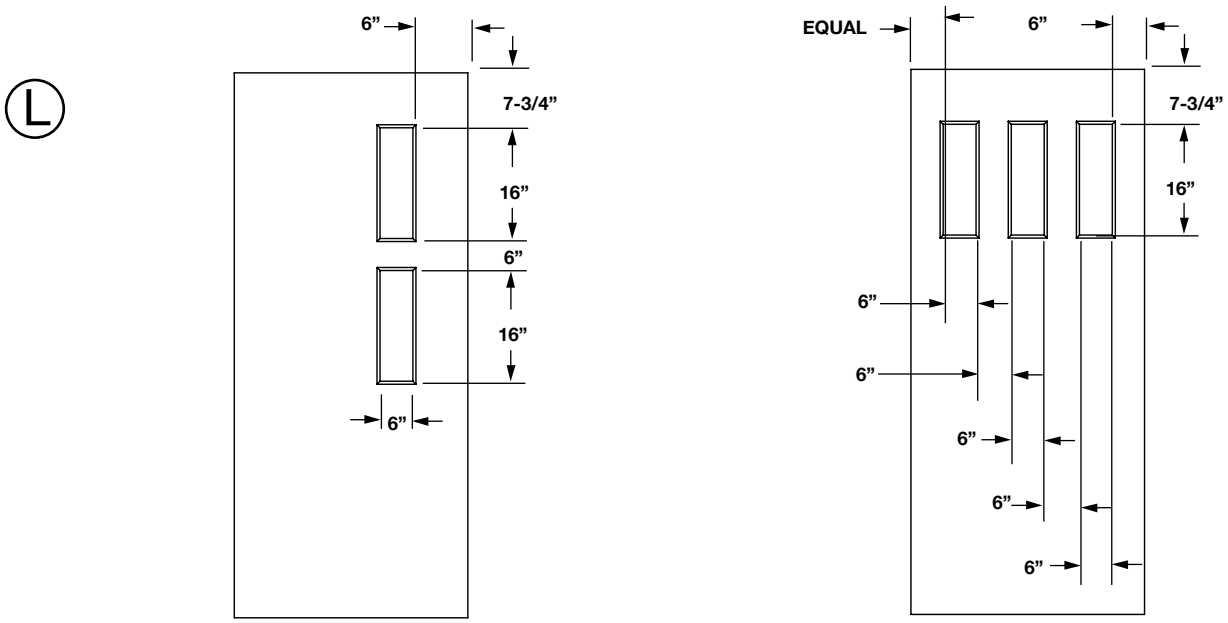
HGL
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

EXAMPLE: HGL2
WINDOW PANE-HALF GLASS
18” X 12” (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS F2NV, 3FNV

TYPE 1 & 2 WINDOW MOULDING

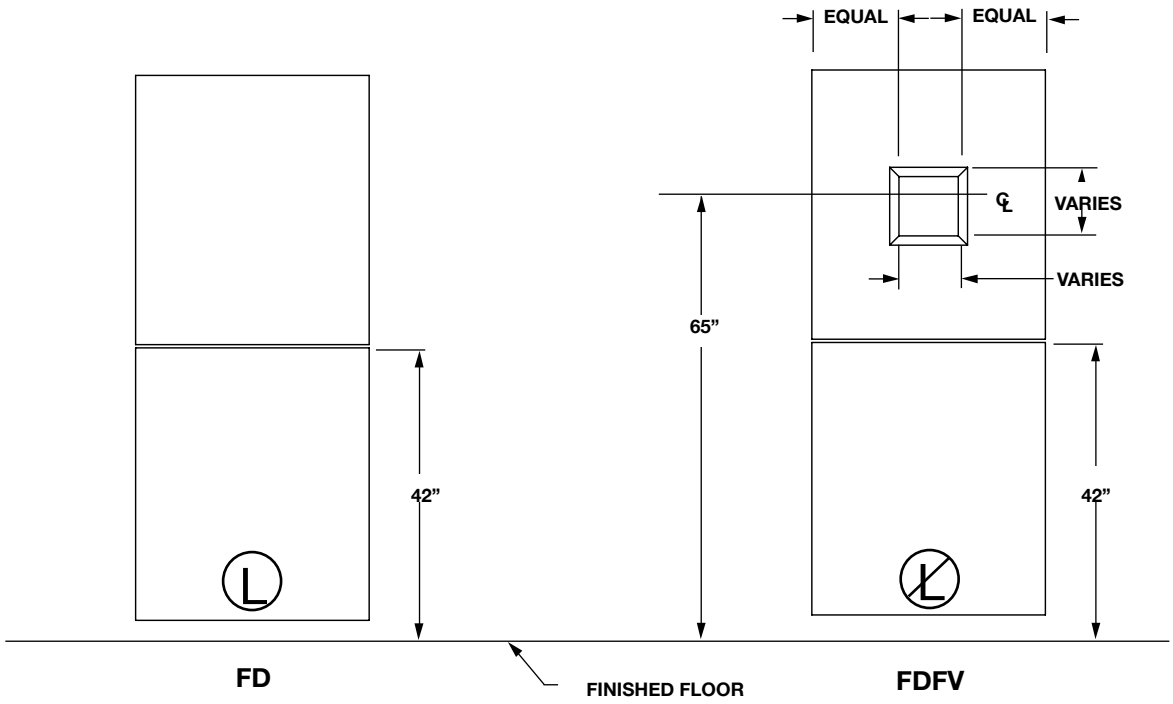


F2NV **3FNV**

DOOR WIDTH FOR 3FNV MUST BE AT LEAST 3’6” WIDE!

NOTE: MINIMUM 6” STILES TO BE FIRE LABEL LISTED.

FACE TYPE LOCATIONS FD, FDFV

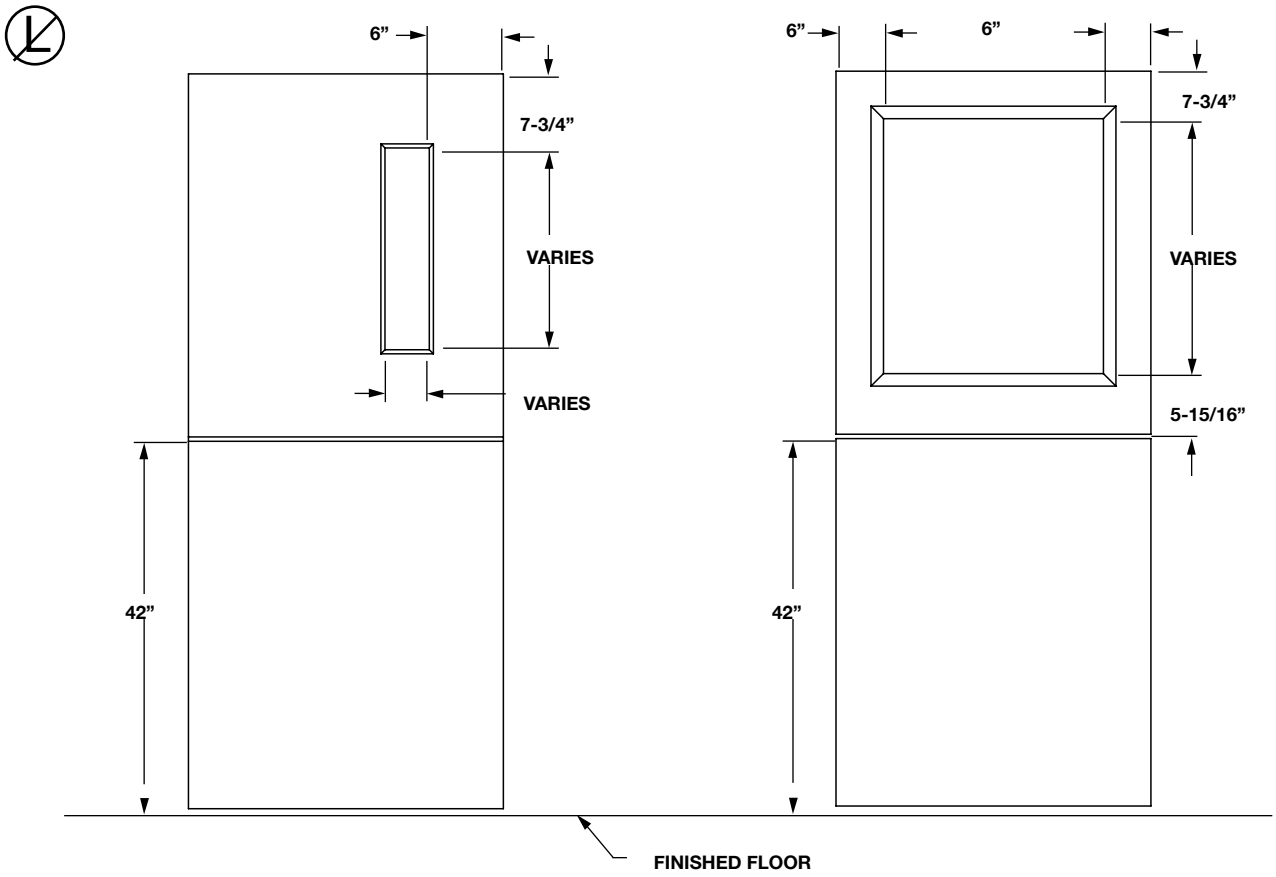


FD **FDFV**

FDFV	10” X 10”
FDFV1	12” X 12”

FACE TYPE LOCATIONS FDFNV, FDHG

TYPE 1 & 2 WINDOW MOULDING



FDFNV
FD = FLUSH DUTCH
FNV = FULL NARROW VISION STANDARDS

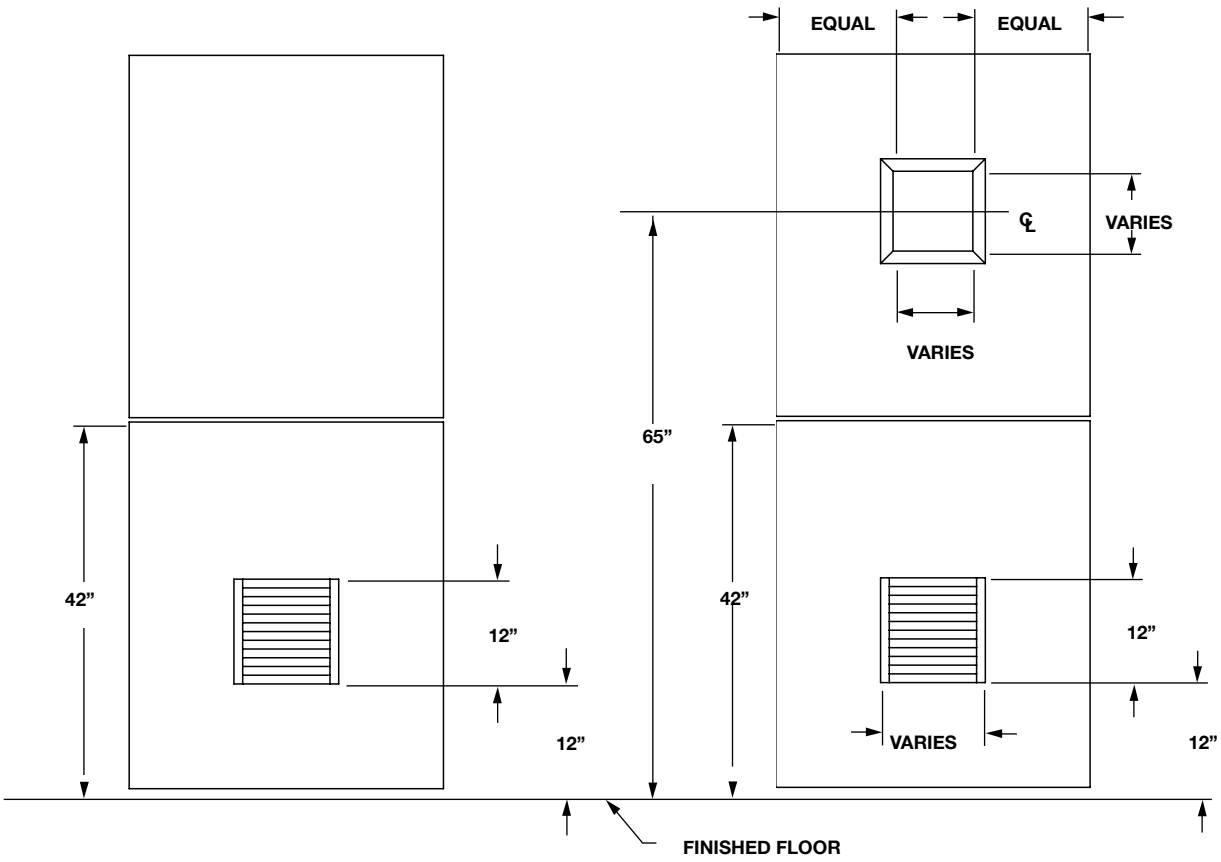
FDHG
FD = FLUSH DUTCH
HG = HALF GLASS STANDARDS

EXAMPLE:
FLUSH DUTCH
6” X 36” (152 X 914) NARROW VISION LIGHT
FDFNV1

EXAMPLE:
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS
FDHG

FACE TYPE LOCATIONS FDL, FDFVL

TYPE 1 & 2 WINDOW MOULDING



FDL
FD = FLUSH DUTCH
L = LOUVER STANDARDS

FDFVL
FD = FLUSH DUTCH
FV = FULL VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE:
FLUSH DUTCH
20” X 12” (508 X 305) LOUVER

FDL3

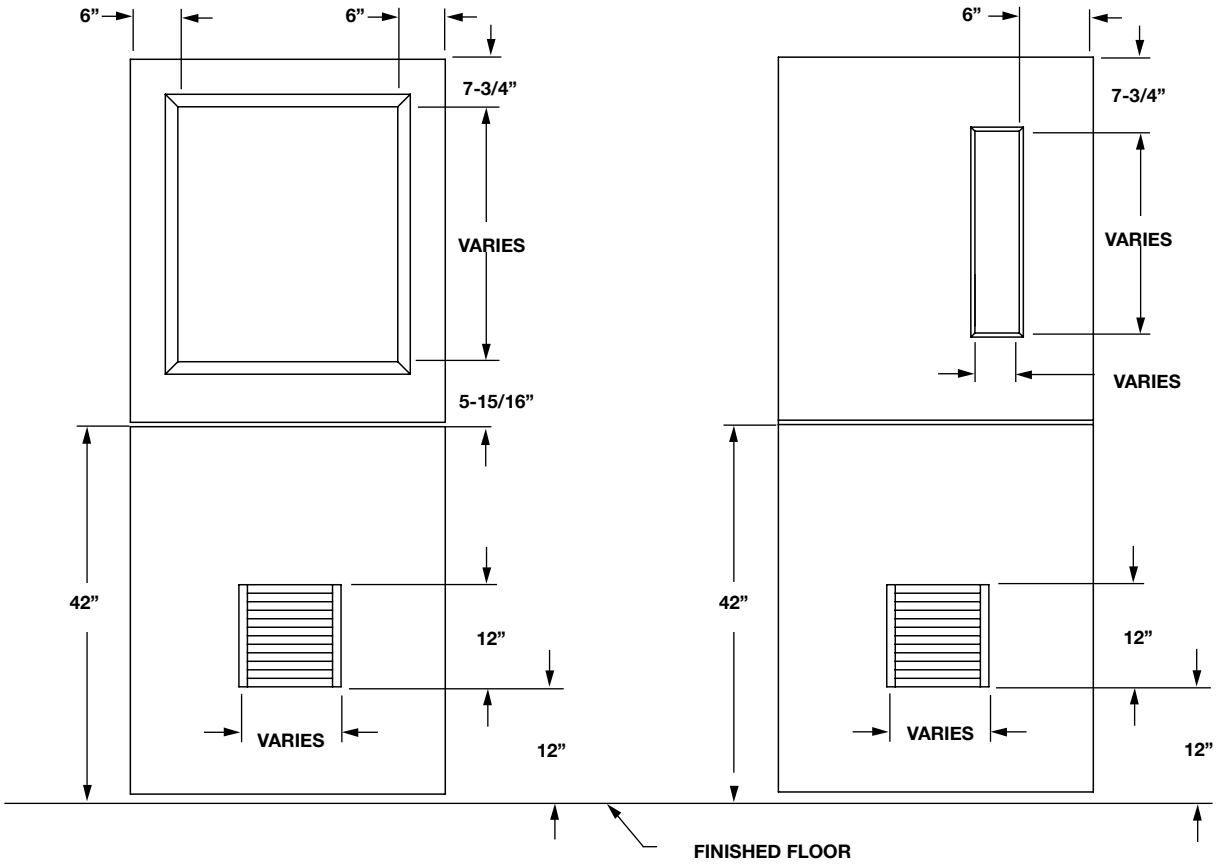
EXAMPLE:
FLUSH DUTCH
12” X 12” (305 X 305) FULL VISION LIGHT
20” X 12” (508 X 305) LOUVER

FDFV1L3

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

FACE TYPE LOCATIONS FDHGL, FDFNVL

TYPE 1 & 2 WINDOW MOULDING



FDHGL

FD	=	FLUSH DUTCH
HG	=	HALF GLASS STANDARDS
L	=	LOUVER STANDARDS

FDFNVL

FD	=	FLUSH DUTCH
FNV	=	FULL NARROW VISION STANDARDS
L	=	LOUVER STANDARDS

EXAMPLE:
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS
18” X 12” (457 X 305) LOUVER

FDHG3L2

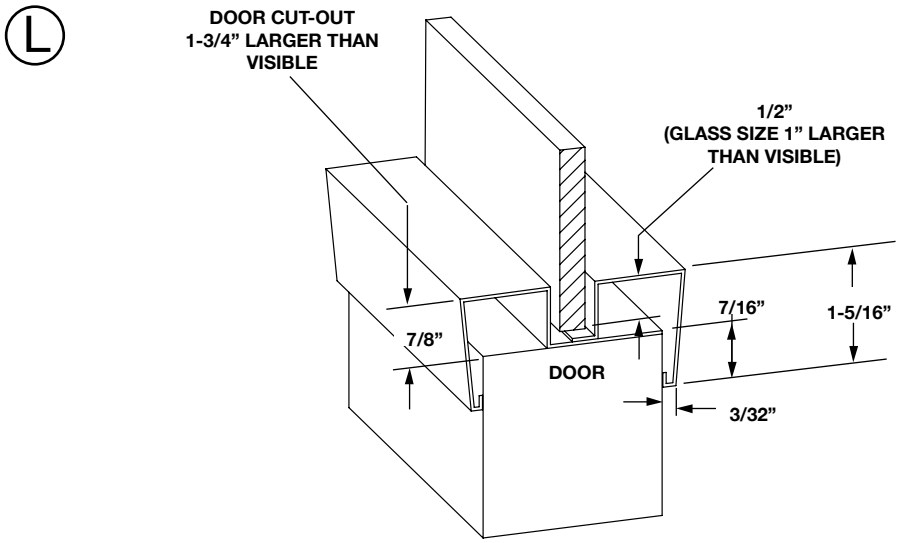
EXAMPLE:
FLUSH DUTCH
6” X 36” (152 X 914) NARROW VISION LIGHT
18” X 12” (457 X 305) LOUVER

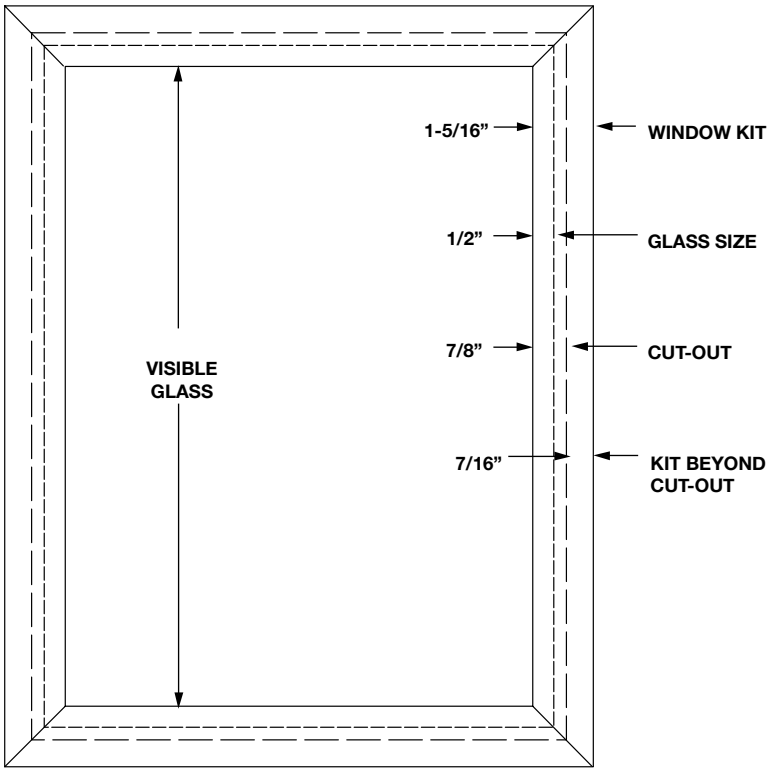
FDFNV1L2

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

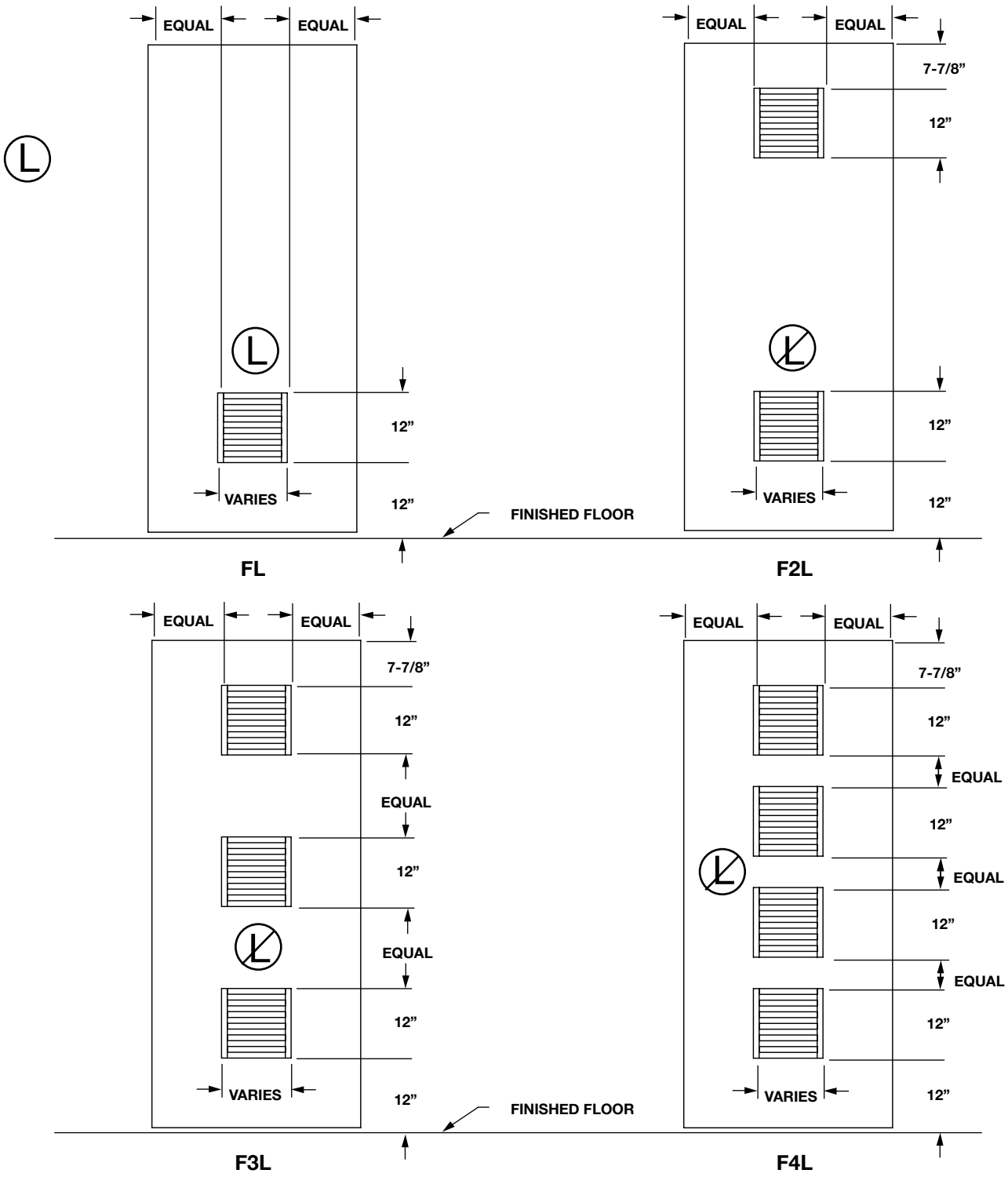
WINDOW KIT CUTOUT ON DOOR

TYPE 1 & 2 WINDOW MOULDING



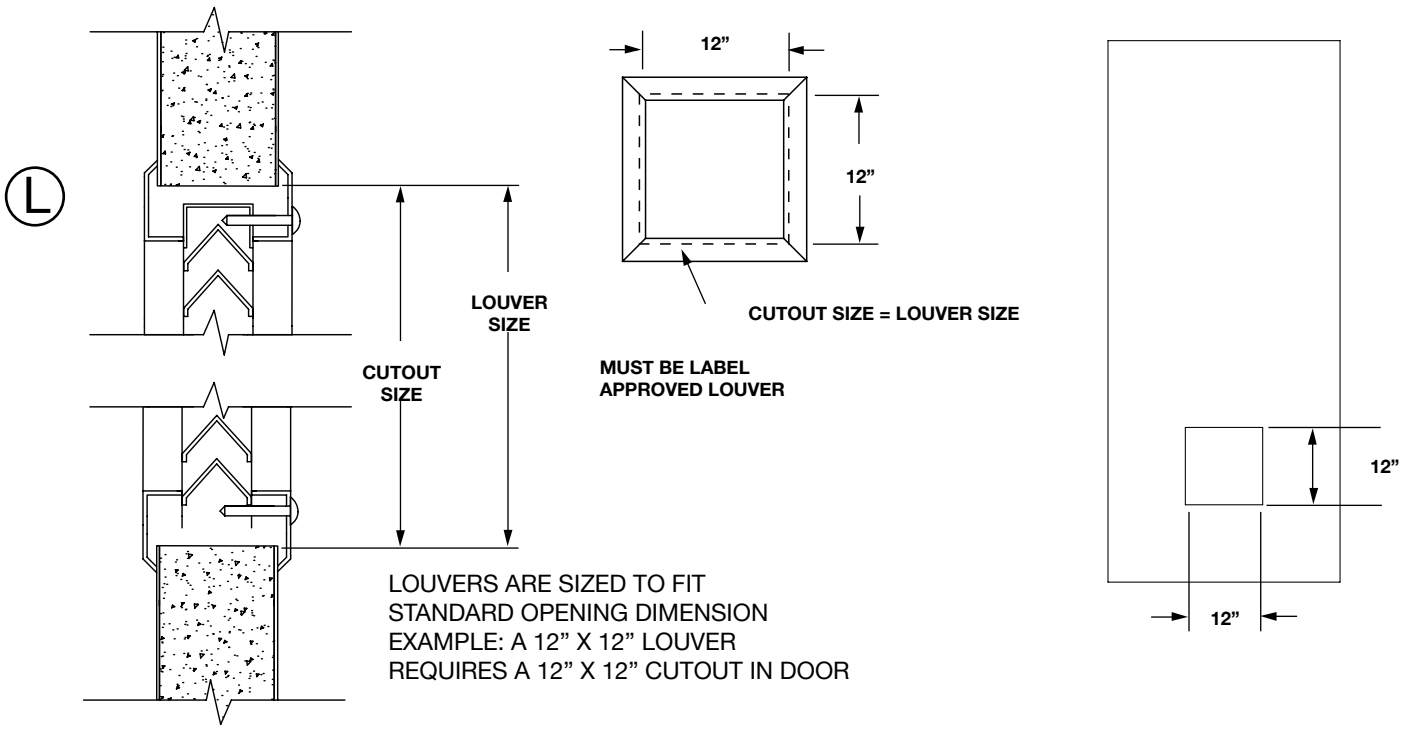


LOUVER SIZES AND LOCATIONS FL, F2L, F3L, F4L



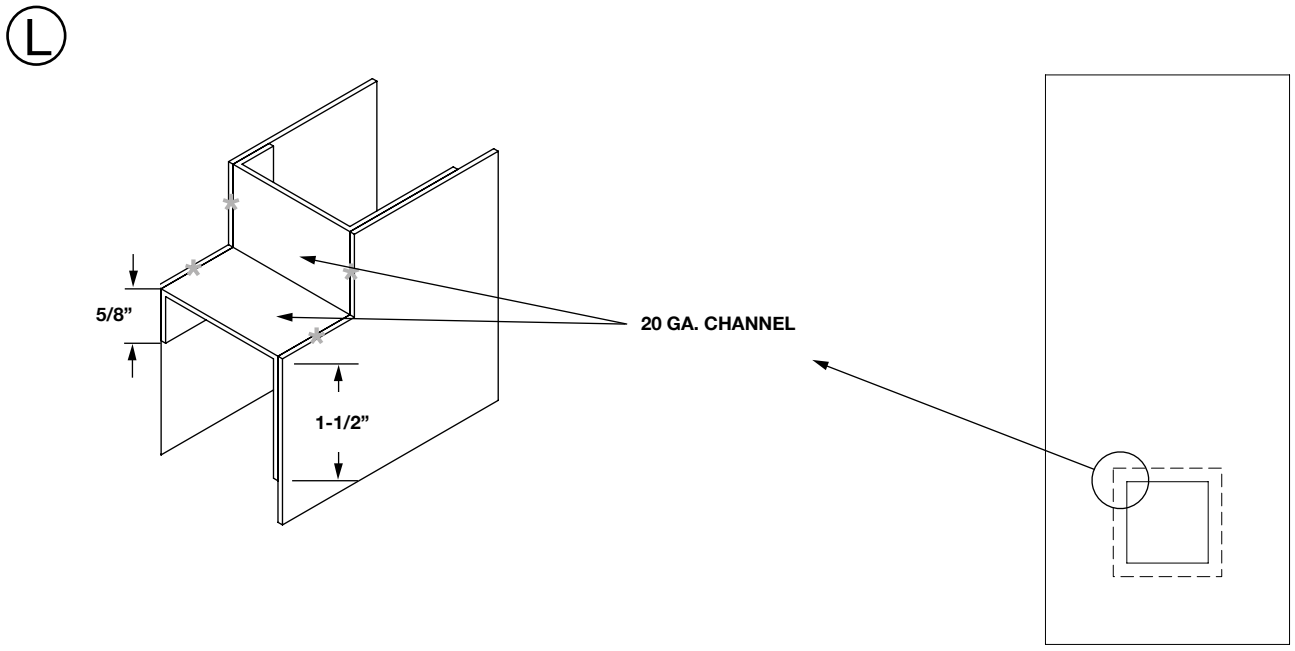
FL	F2L	F3L	F4L	12" X 12"
FL2	F2L2	F3L2	F4L2	18" X 12"
FL3	F2L3	F3L3	F4L3	20" X 12"
FL4	F2L4	F3L4	F4L4	24" X 12"

LOUVER CUTOUT ON DOOR



LOUVERS ARE SIZED TO FIT
STANDARD OPENING DIMENSION
EXAMPLE: A 12” X 12” LOUVER
REQUIRES A 12” X 12” CUTOUT IN DOOR

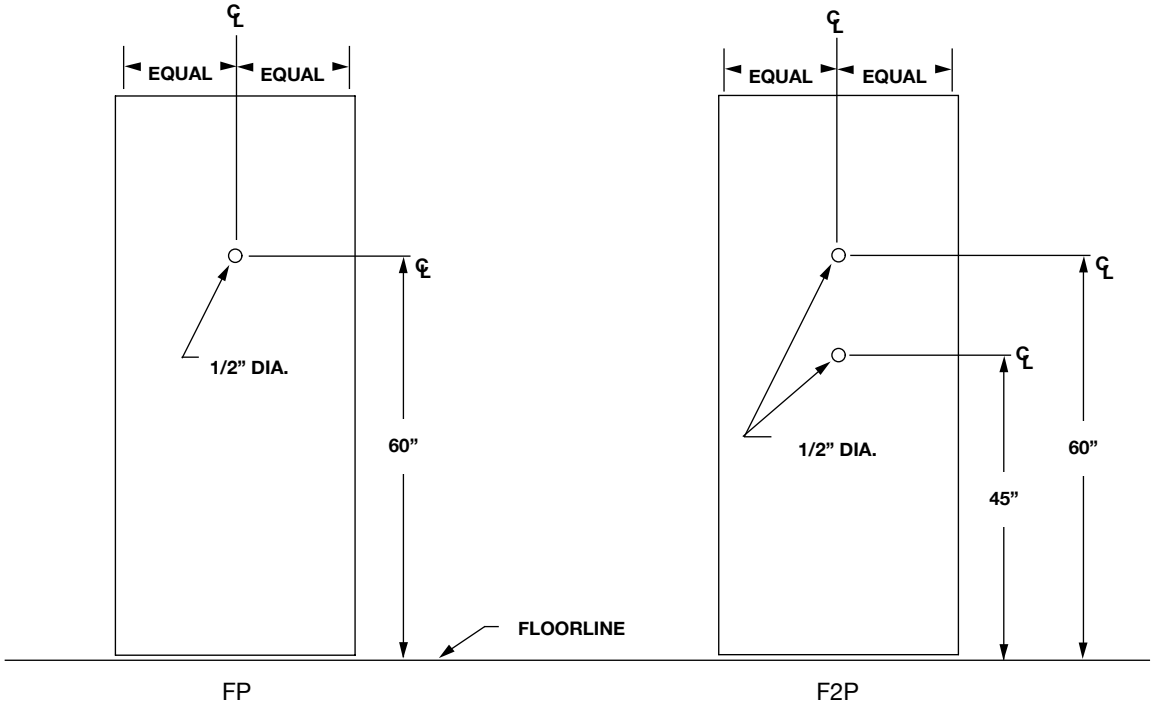
LOUVER CUTOUT REINFORCING (OPTIONAL)



NOTE: LOUVER CUTOUT REINFORCING IS NOT PROVIDED AS STANDARD BUT MAY BE FURNISHED ON REQUEST.

REINFORCING IS REQUIRED ON FIRE LABELED DOORS AND IS PROVIDED AS STANDARD.

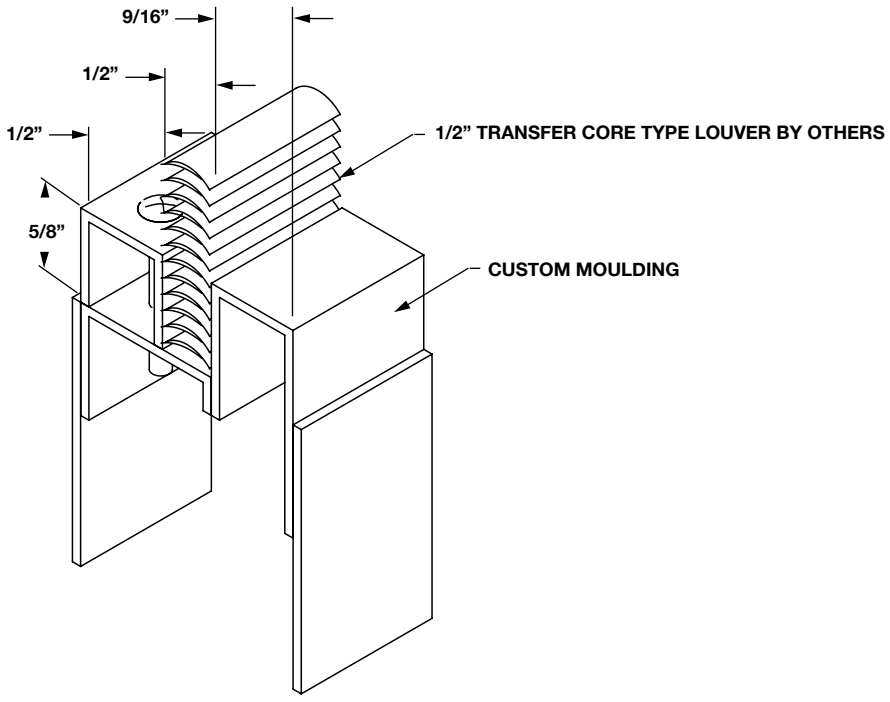
FACE TYPE LOCATIONS FP, F2P



FP	F2P	1/2" DIA.
FP1	F2P1	9/16" DIA.

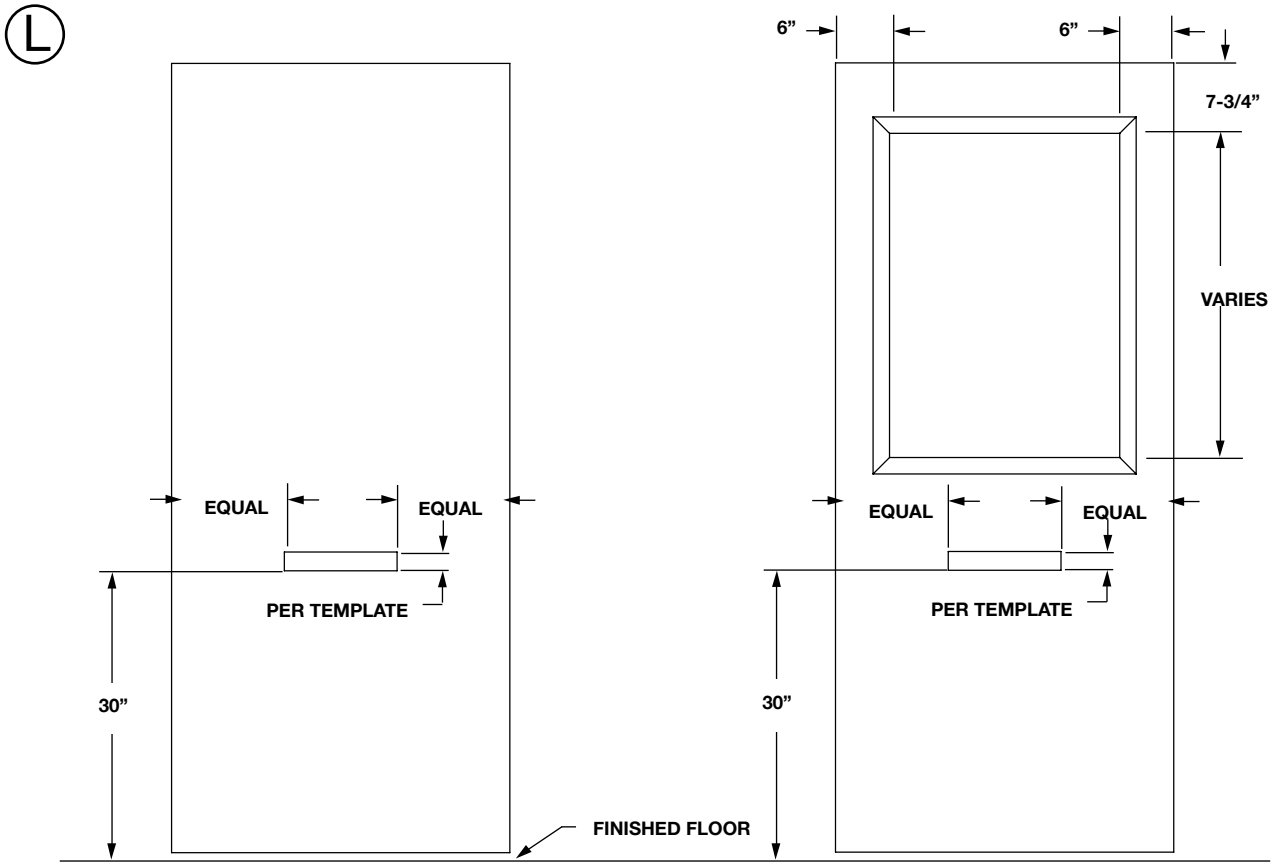
TRANSFER CORE TYPE LOUVER MOULDING

TYPE 3



FACE TYPE LOCATIONS FMS, HGMS

TYPE 1 & 2 WINDOW MOULDING



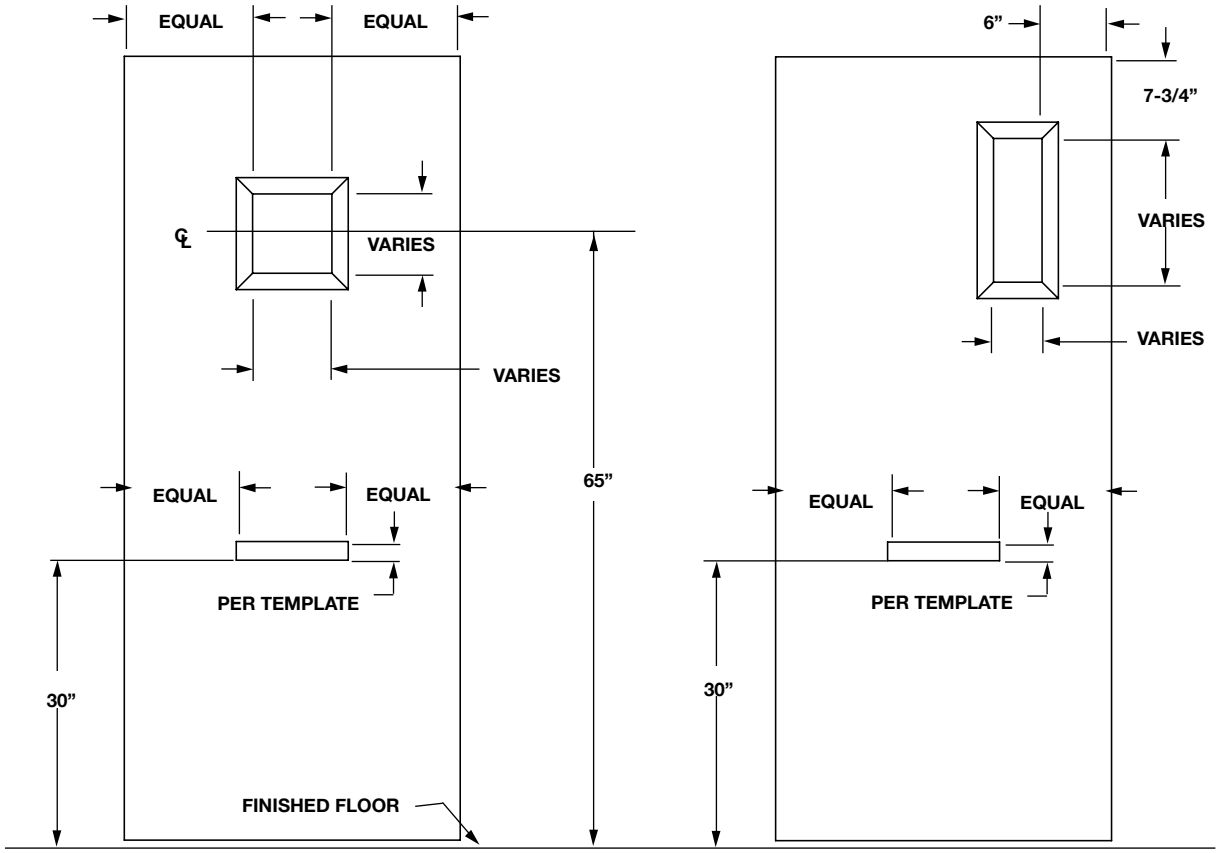
FMS
FMS = FLUSH MAIL SLOT

HGMS
HG = HALF GLASS STANDARDS
MS = MAIL SLOT

EXAMPLE: HG3MS
(3) WINDOW PANE-HALF GLASS MAIL SLOT

FACE TYPE LOCATIONS FVMS, FNVMS

TYPE 1 & 2 WINDOW MOULDING



FVMS
FV = FULL VISION STANDARDS
MS = MAIL SLOT

FNVMS
FNV = FULL NARROW VISION STANDARDS
MS = MAIL SLOT

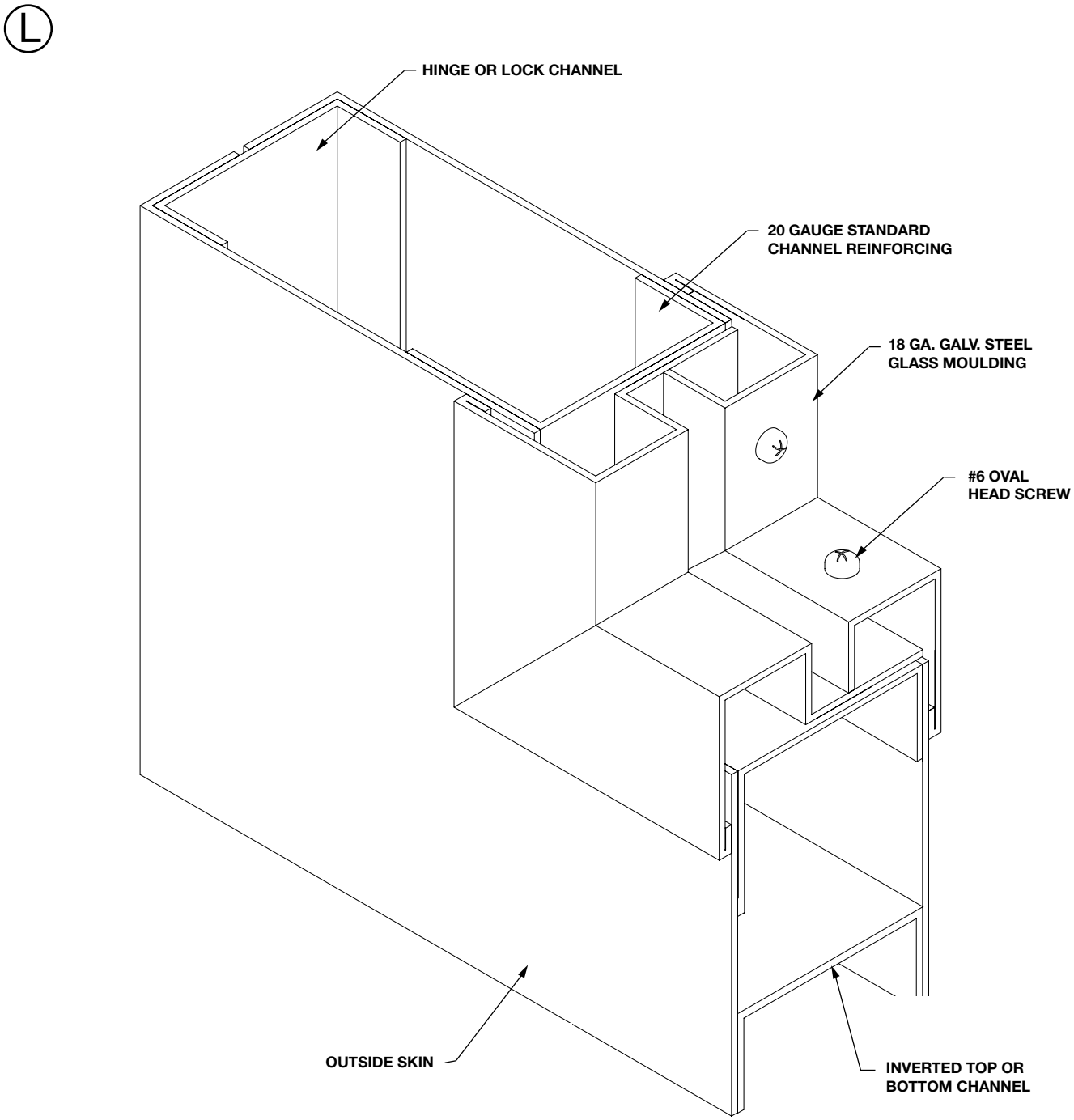
FVMS	10” X 10”
FV1MS	12” X 12”

EXAMPLE:
6” X 36” NARROW VISION LIGHT
MAIL SLOT

FNV1MS

CUT AWAY VIEW FG MOULDING

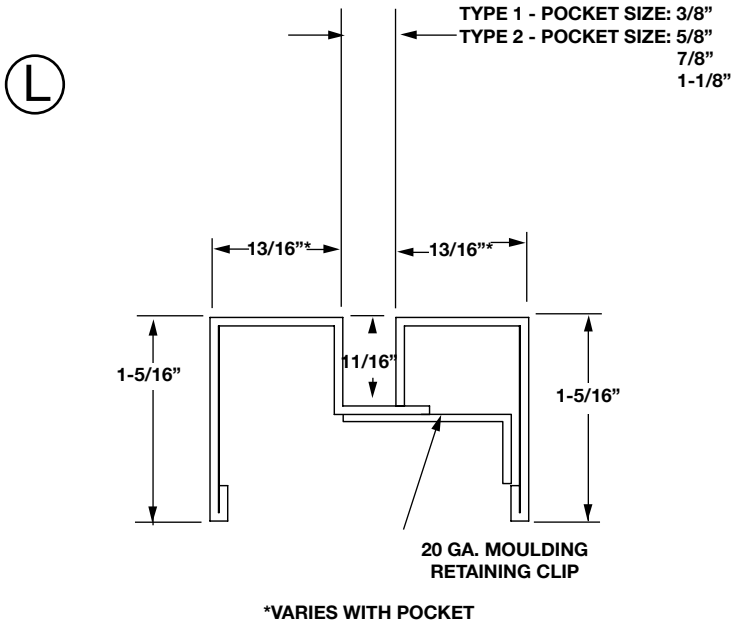
STANDARD WINDOW MOULDING TYPE 1



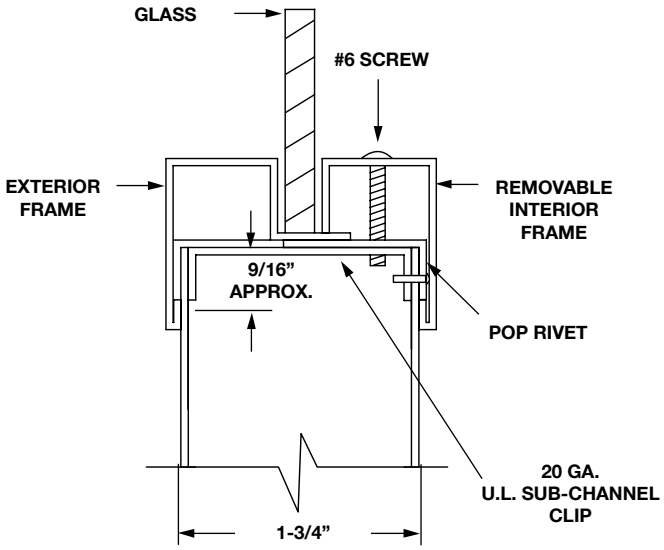
DOOR VISION LIGHT KIT (OLD STYLE)

TYPE 1 & 2

SEE PAGE 330 FOR CURRIES STANDARD WINDOW KIT INFORMATION.

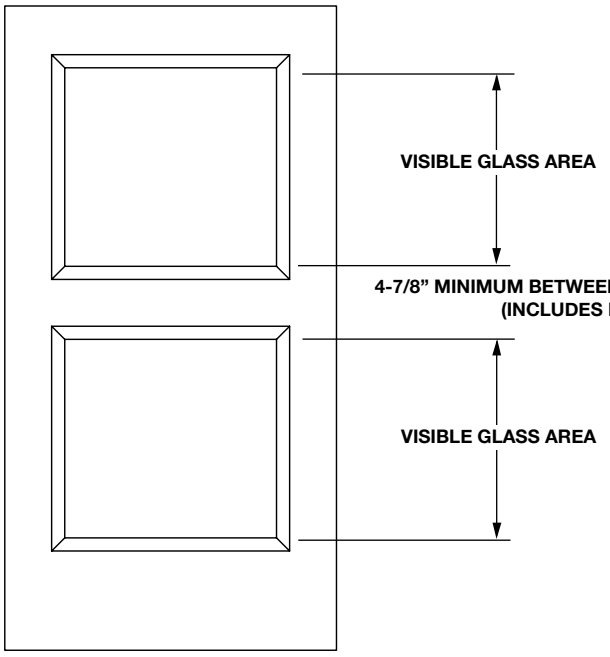


NOTE: PLEASE NOTE WHEN KITS SHOULD BE USED ON 14 GAUGE DOORS.

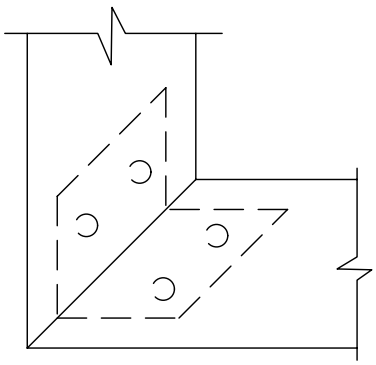


18 GA. GALVANIZED STEEL VISION LIGHT FRAME

STEEL VISION LIGHT FRAME KITS AND STICK LENGTH PARTS ARE AVAILABLE FOR USE ON 847 SERIES DOORS.



NOTE: ON FIRE LABEL DOORS USE A 6" (152.4) MINIMUM STILE BETWEEN VISIBLE GLASS AREAS AND BETWEEN VISIBLE GLASS AND EDGES OF DOOR.



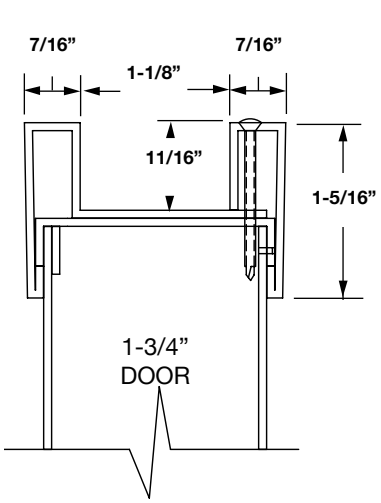
CORNER DETAIL WITH CORNER CLIP WELDED IN

WIDE POCKET GLASS MOULDING

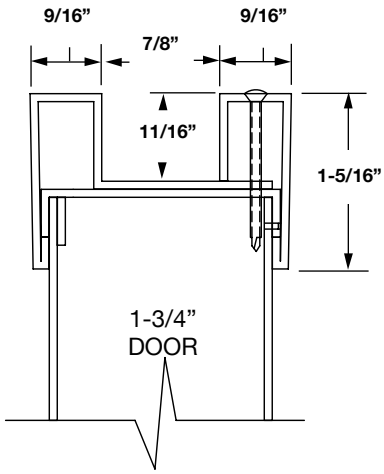
TYPE 2 (OLD STYLE KITS)

SEE PAGE 330 FOR CURRIES STANDARD WINDOW KIT INFORMATION.

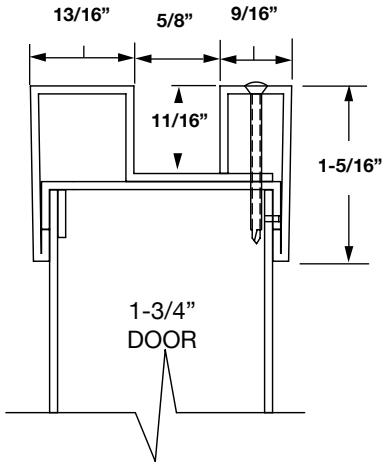
1-1/8" POCKET



7/8" POCKET



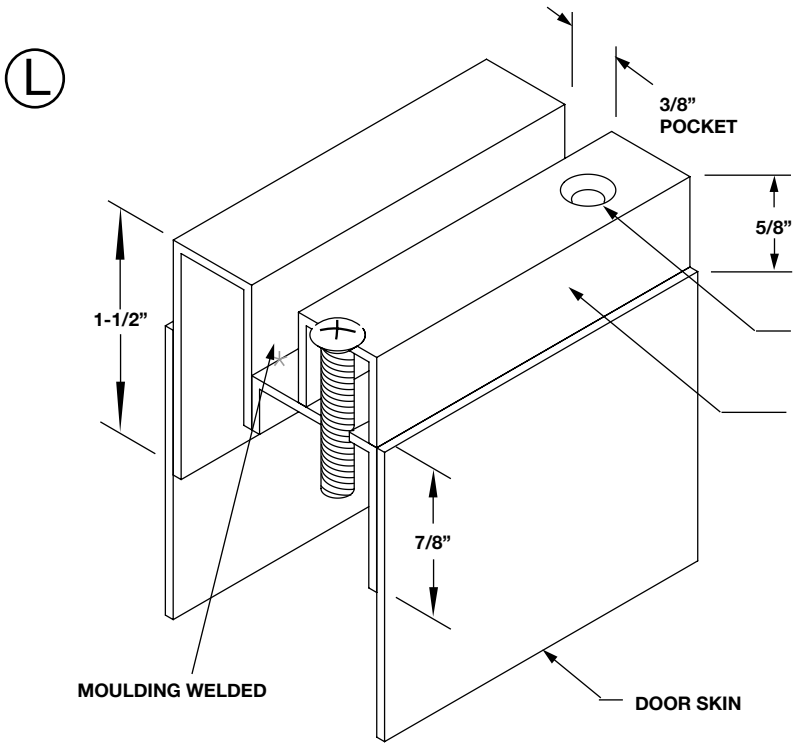
5/8" POCKET



CONCEALED GLASS MOULDING. TYPE 3

TYPE 3

3/8", 1/2" AND 5/8" POCKETS ONLY
1-3/4" DOORS ONLY

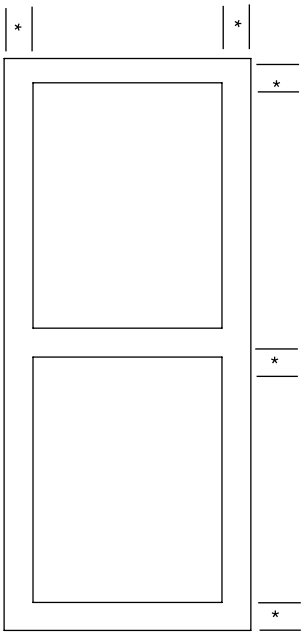


GLASS THICKNESS PLUS.125 = POCKET
GLASS SIZE IS 1" LARGER THAN VISIBLE
CUTOUT SIZE IS 1-1/4" LARGER THAN VISIBLE

THIS SURFACE PUNCHED AND COUNTERSUNK, ON CENTER, FOR #6-20 OVAL HEAD SCREW.

REMOVABLE MOULDING

NOTE:
REMOVABLE MOULDING IS ALWAYS ON THE INTERIOR SIDE UNLESS NOTED DIFFERENTLY ON THE ORDER.



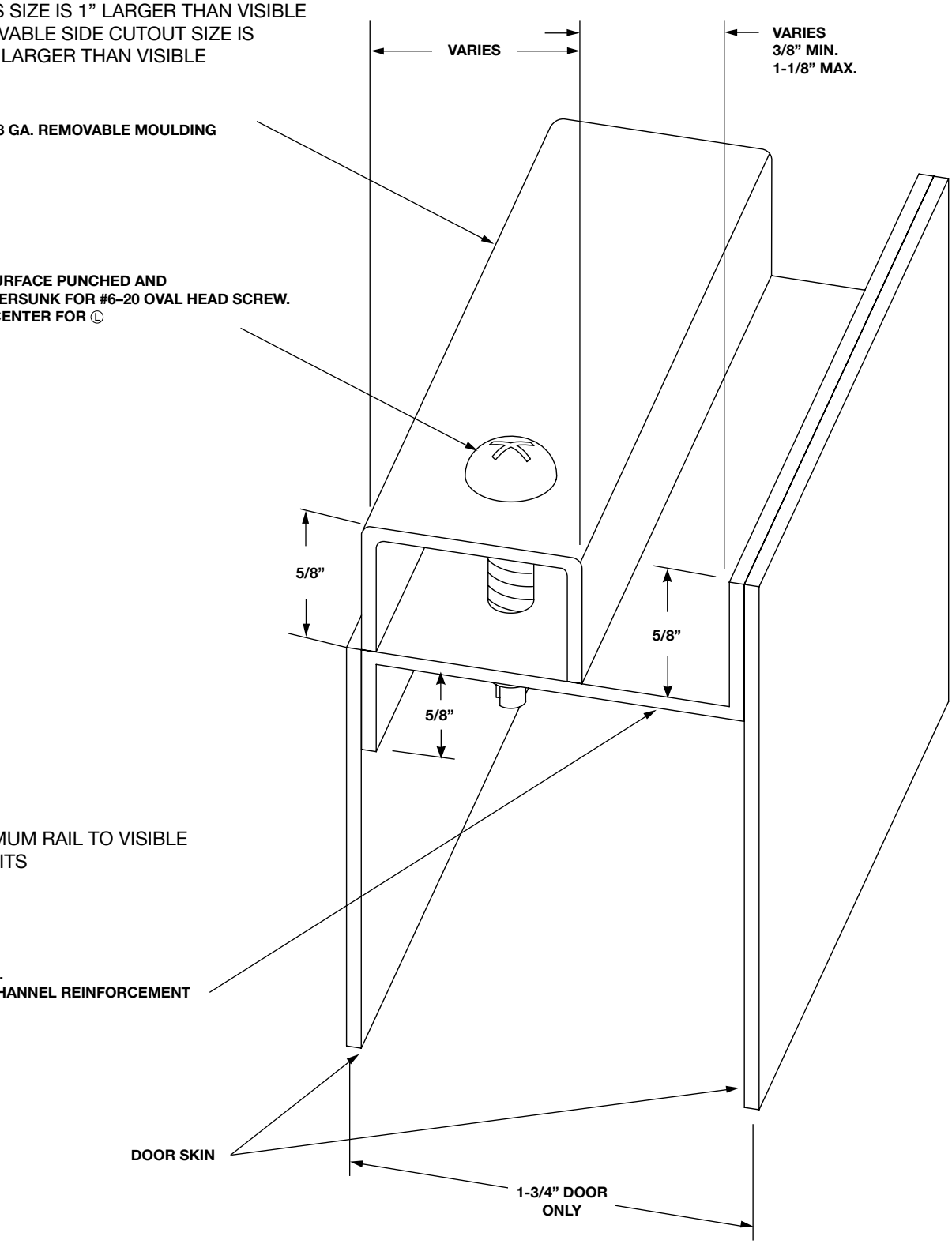
* 3-1/8" MINIMUM STILE AND RAIL AVAILABLE WITH TYPE 3 MOULDING. "NO FIRE LISTING," LIMITED HARDWARE.

SPECIAL CONCEALED MOULDING - "Z" TYPE 4

TYPE 4

GLASS THICKNESS PLUS.125 = POCKET
GLASS SIZE IS 1" LARGER THAN VISIBLE
REMOVABLE SIDE CUTOUT SIZE IS
1-1/4" LARGER THAN VISIBLE

Ⓛ

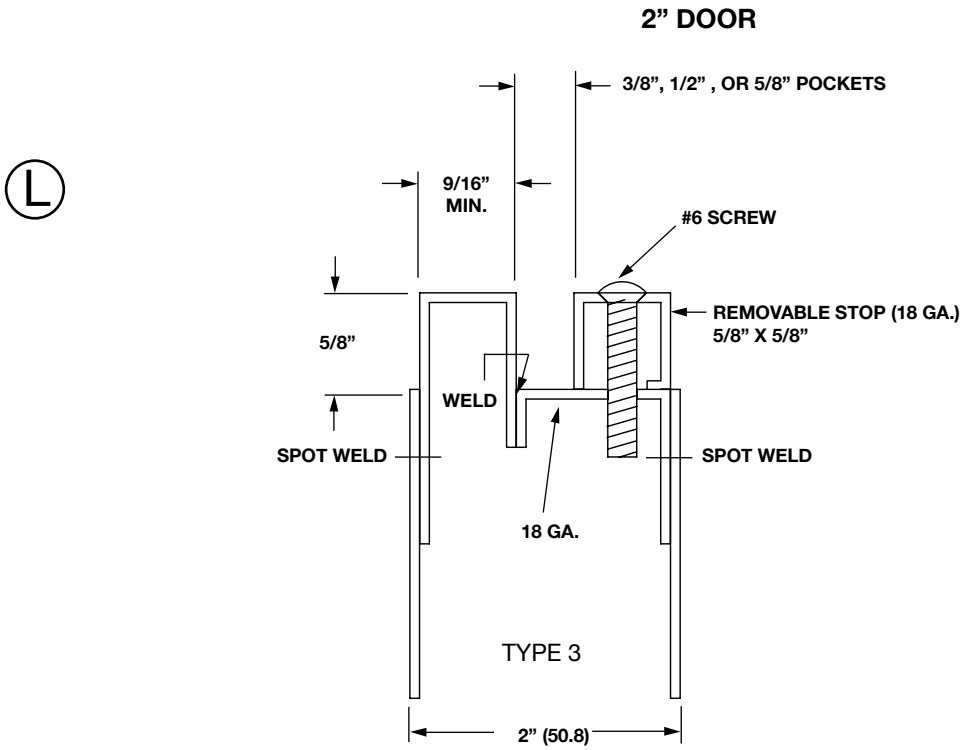


NOTE: REMOVABLE MOULDING IS TO BE ON INTERIOR SIDE OF DOOR UNLESS NOTED DIFFERENTLY ON THE ORDER.

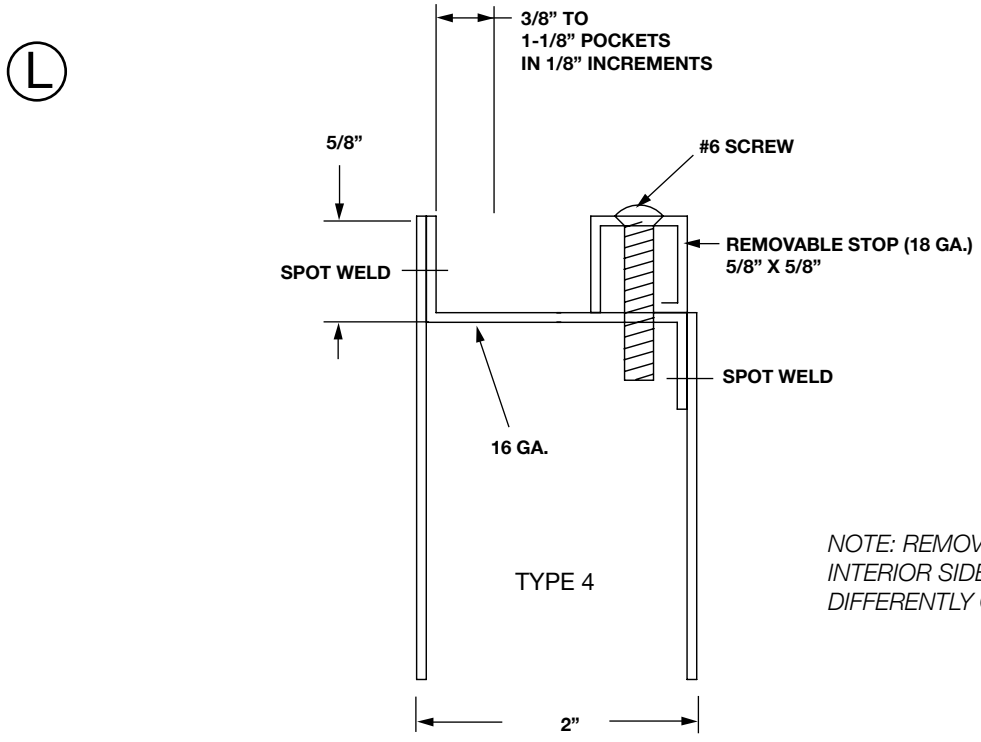
857 STANDARD 18 GA. CONCEALED MOULDING

BACK

TYPE 3 CONCEALED MOULDING 18 GA. (1.2)



TYPE 4 CONCEALED MOULDING WIDE POCKET 18 GA. (1.2)



NOTE: REMOVABLE MOULDING IS TO BE ON INTERIOR SIDE OF DOOR UNLESS NOTED DIFFERENTLY ON THE ORDER

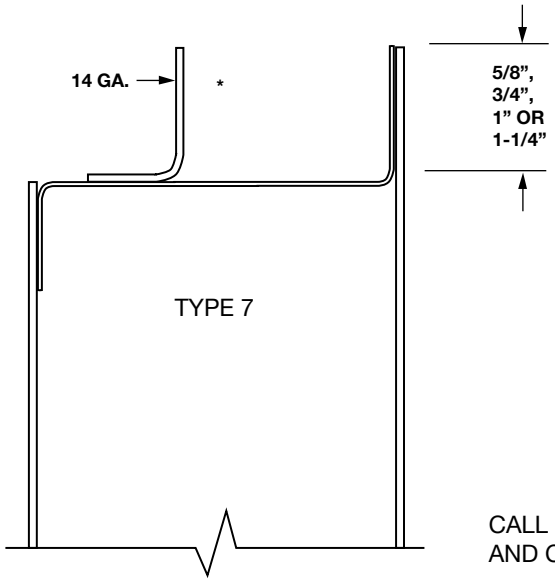
WINDOW KIT POCKET SIZES

BACK

CONTENTS
INTRODUCTION
GEN. INFORMATION
FRAMES
FIRE RATED
DOORS
WINDSTORM
SPECIALTY

GLASS THICKNESS		POCKET SIZE
TYPE 1 AND 2 CURRIES AND WOODGRAIN KITS		
0.1875” TO 0.25”	STANDARD POCKET	0.3750”
0.3125” TO 0.50”	SPECIAL POCKET	0.6250”
0.5625” TO 0.75”	SPECIAL POCKET	0.8750”
0.8125” TO 1.00”	SPECIAL POCKET	1.1250”
TYPE 3 KIT		
0.25”	STANDARD POCKET	0.375”
0.375”	SPECIAL POCKET	0.50”
0.50”	SPECIAL POCKET	0.625”
TYPE 4 KIT		
0.25”	STANDARD POCKET	0.375”
0.375”	SPECIAL POCKET	0.50”
0.50”	SPECIAL POCKET	0.625”
0.625”	SPECIAL POCKET	0.75”
0.75”	SPECIAL POCKET	0.875”
0.875”	SPECIAL POCKET	1.00”
1.00”	SPECIAL POCKET	1.125”
TYPE 7 KIT		
0.25”	STANDARD POCKET	0.375
0.375”	SPECIAL POCKET	0.50”
0.5”	SPECIAL POCKET	0.625”
0.625”	SPECIAL POCKET	0.750”
0.75”	SPECIAL POCKET	0.875”
TYPE 8 KIT		
0.25”	STANDARD POCKET	0.375
0.375”	SPECIAL POCKET	0.50”
0.50”	SPECIAL POCKET	0.625”
0.625”	SPECIAL POCKET	0.75”
0.75”	SPECIAL POCKET	0.875”
0.875”	SPECIAL POCKET	1.00”
1.00”	SPECIAL POCKET	1.125”
1.125”	SPECIAL POCKET	1.250”
1.25”	SPECIAL POCKET	1.375”
1.375”	SPECIAL POCKET	1.50”
1.50”	SPECIAL POCKET	1.625”
TYPE 9 AND 10 ASSA KITS		
0.1875” TO 0.3125”	STANDARD POCKET	0.375”
0.375” TO 0.50”	SPECIAL POCKET	0.5625”
0.5625” TO 0.75”	SPECIAL POCKET	0.8125”
0.8125” TO 1.00”	SPECIAL POCKET	1.0625”

GLASS MOULDING TYPE 7



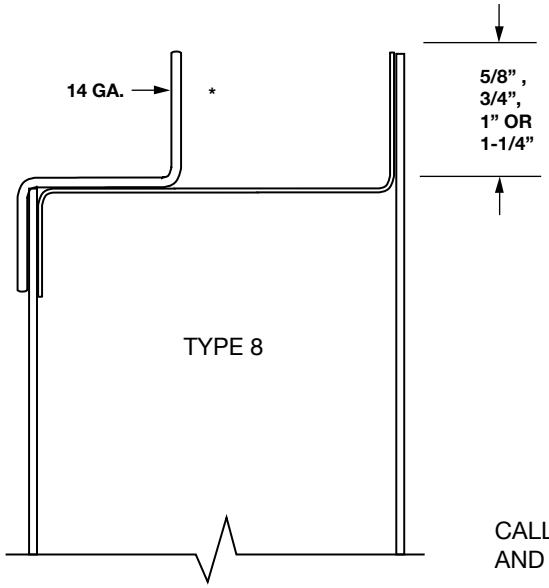
** POCKET SIZE 3/8" , 1/2",*
5/8" , 3/4", 7/8" ,
FOR 1-3/4" DOORS

3/8" THROUGH 1-1/8"
IN 1/8" INCREMENTS FOR 2"
DOORS

GLASS THICKNESS PLUS.
125 = POCKET

CALL FACTORY FOR GLASS
AND CUTOUT SIZE

GLASS MOULDING TYPE 8



** POCKET SIZE*
3/8", THROUGH 1-5/8"
FOR 1-3/4" DOORS

3/8" THROUGH 1-7/8"
IN 1/8" INCREMENTS FOR 2"
DOORS

GLASS THICKNESS PLUS.
125 = POCKET

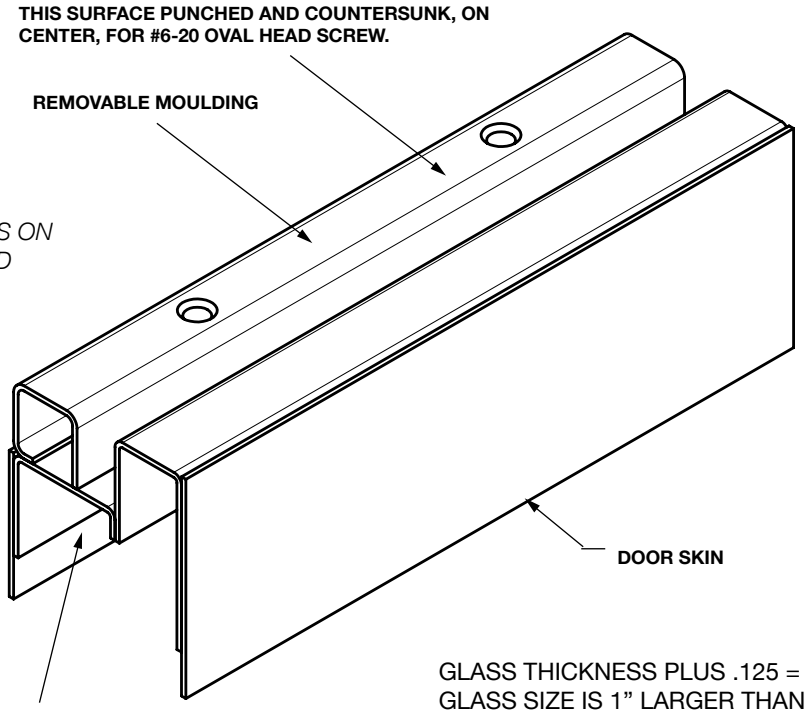
CALL FACTORY FOR GLASS
AND CUTOUT SIZE

GLASS MOULDING TYPE 11

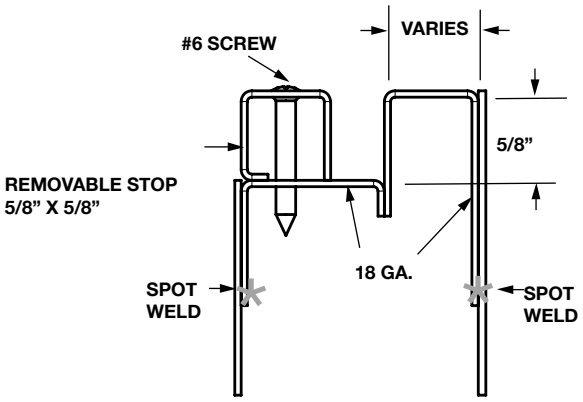
3/8”, 1/2”, AND 5/8” POCKETS ONLY
1-3/4” DOORS ONLY

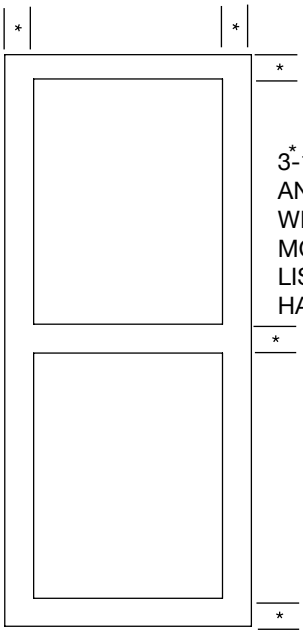
Ⓛ

NOTE:
REMOVABLE MOULDING IS ALWAYS ON THE INTERIOR SIDE UNLESS NOTED DIFFERENTLY ON THE ORDER.



GLASS THICKNESS PLUS .125 = POCKET
GLASS SIZE IS 1” LARGER THAN VISIBLE
REMOVABLE SIDE CUTOUT SIZE IS
1-1/4” LARGER THAN VISIBLE

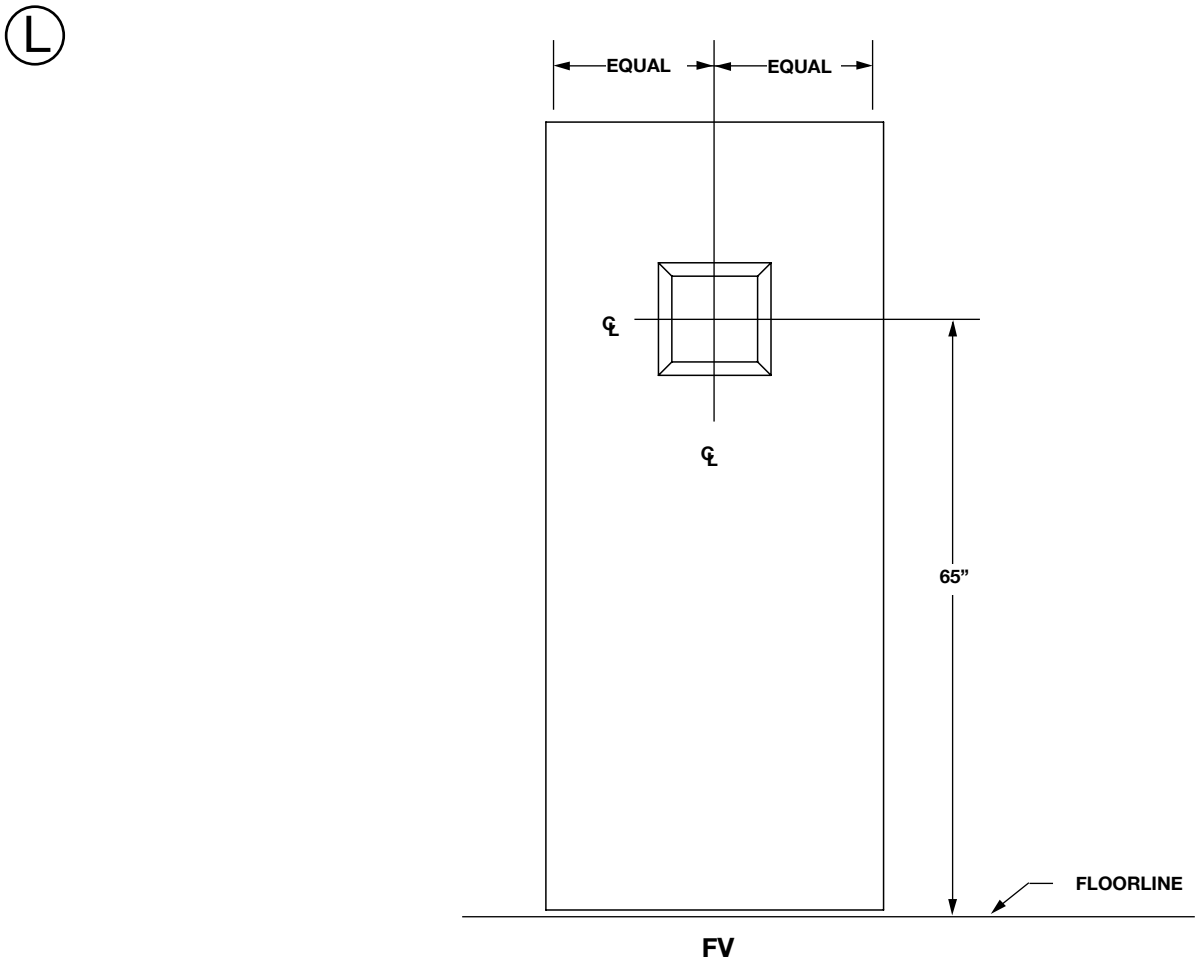




*3-1/8” MINIMUM STILE AND RAIL AVAILABLE WITH TYPE 11 MOULDING. “NO FIRE LISTING,” LIMITED HARDWARE.

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FV

TYPE 9 & 10 WINDOW MOULDING



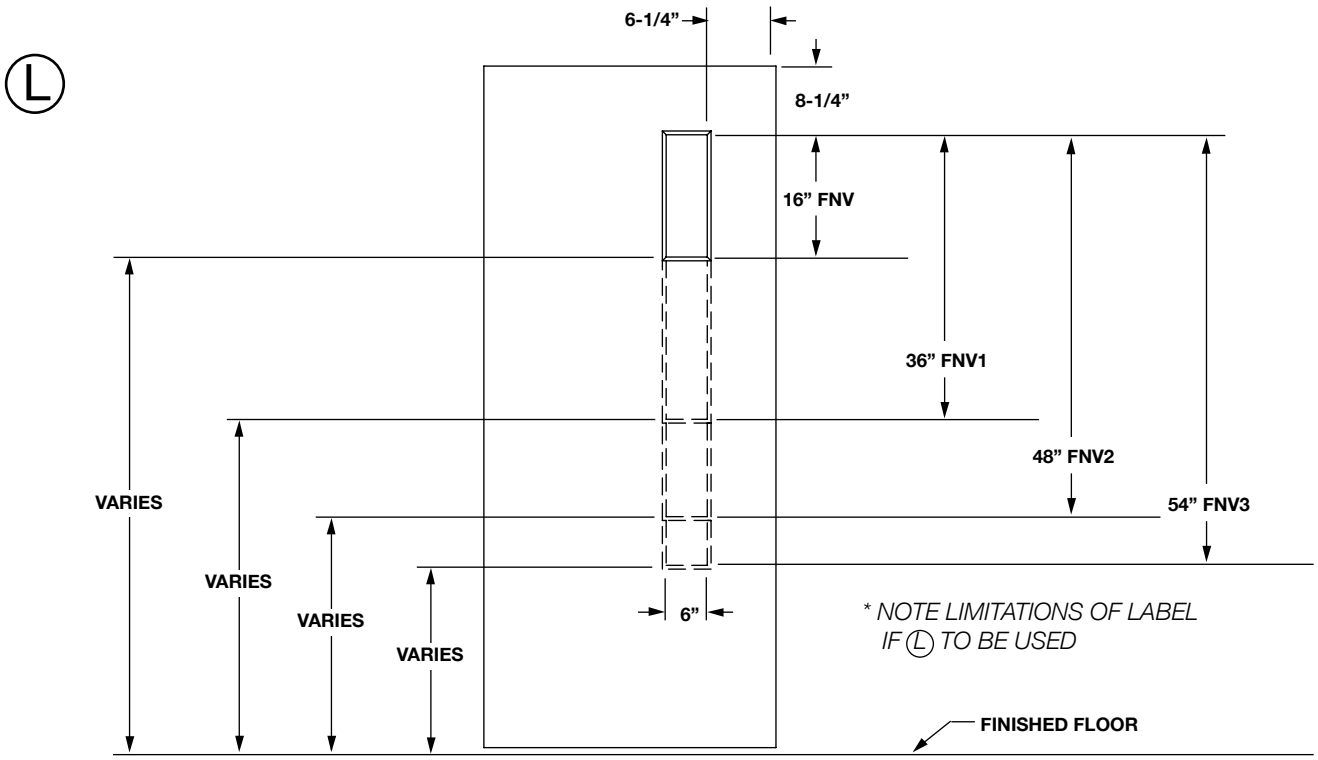
FV

FV	10” X 10”
FV1	12” X 12”

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FNV

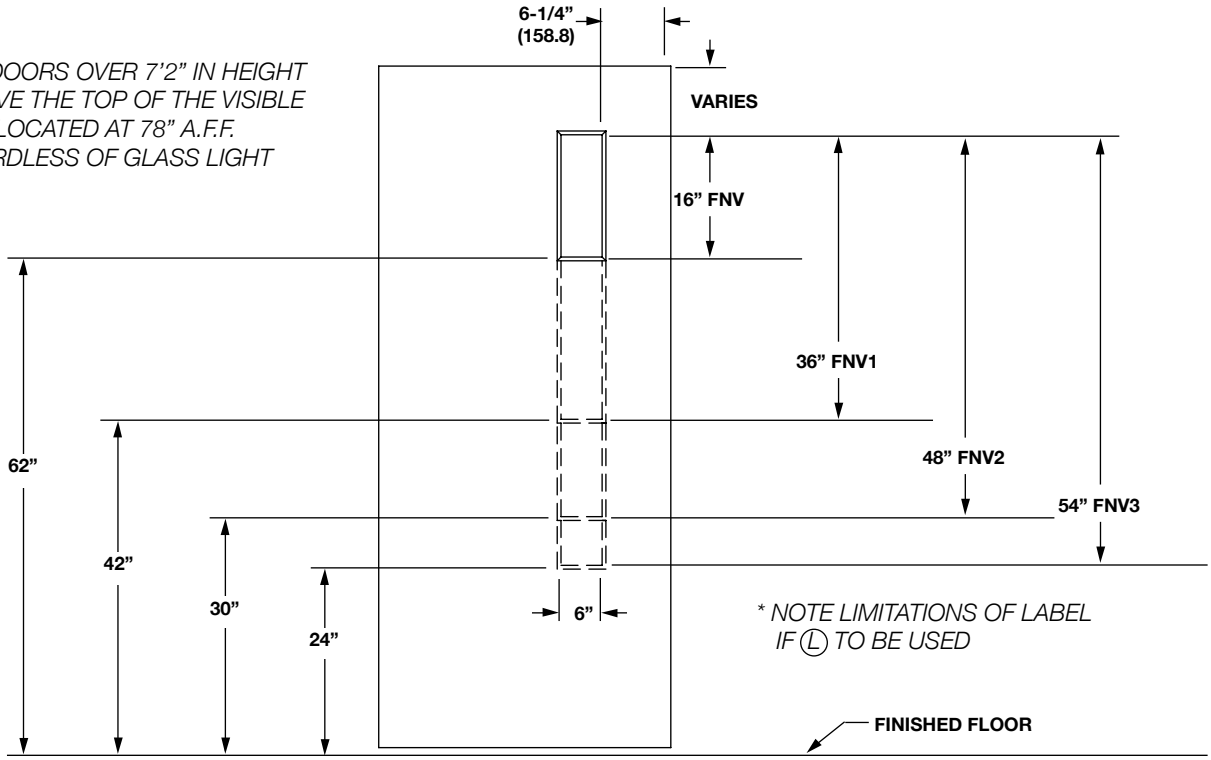
TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" AND UNDER



STANDARD LOCATIONS FOR DOORS OVER 7'2"

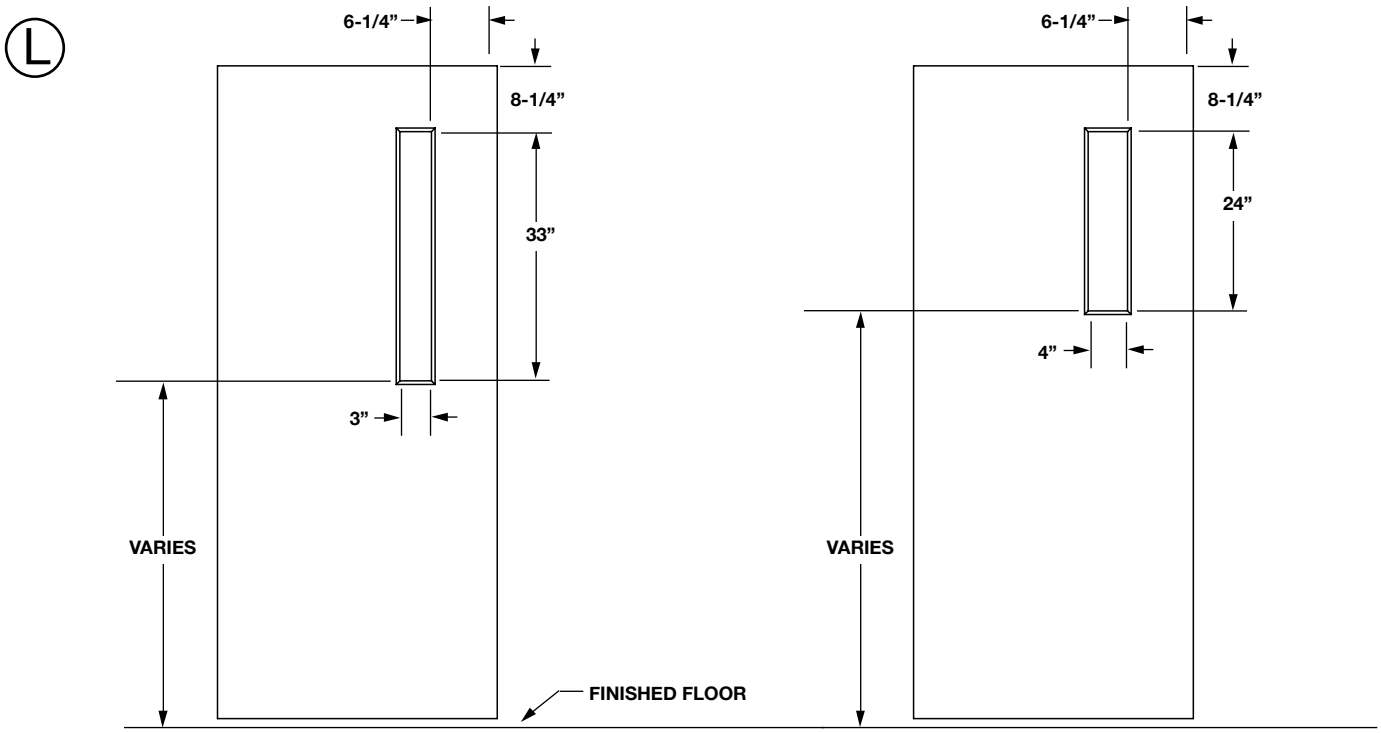
NOTE: DOORS OVER 7'2" IN HEIGHT WILLHAVE THE TOP OF THE VISIBLE GLASS LOCATED AT 78" A.F.F. REGUARDLESS OF GLASS LIGHT SIZE.



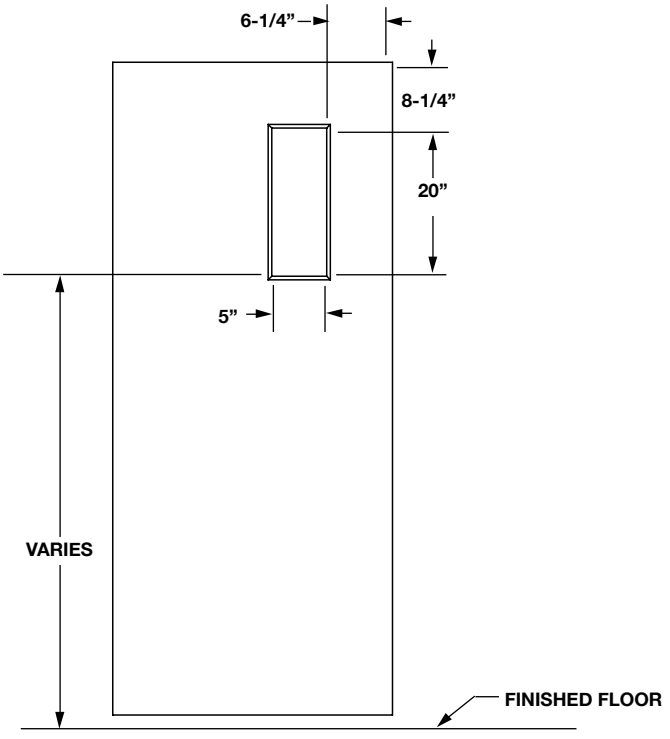
GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FNV

TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" AND UNDER



FNV4 **FNV5**

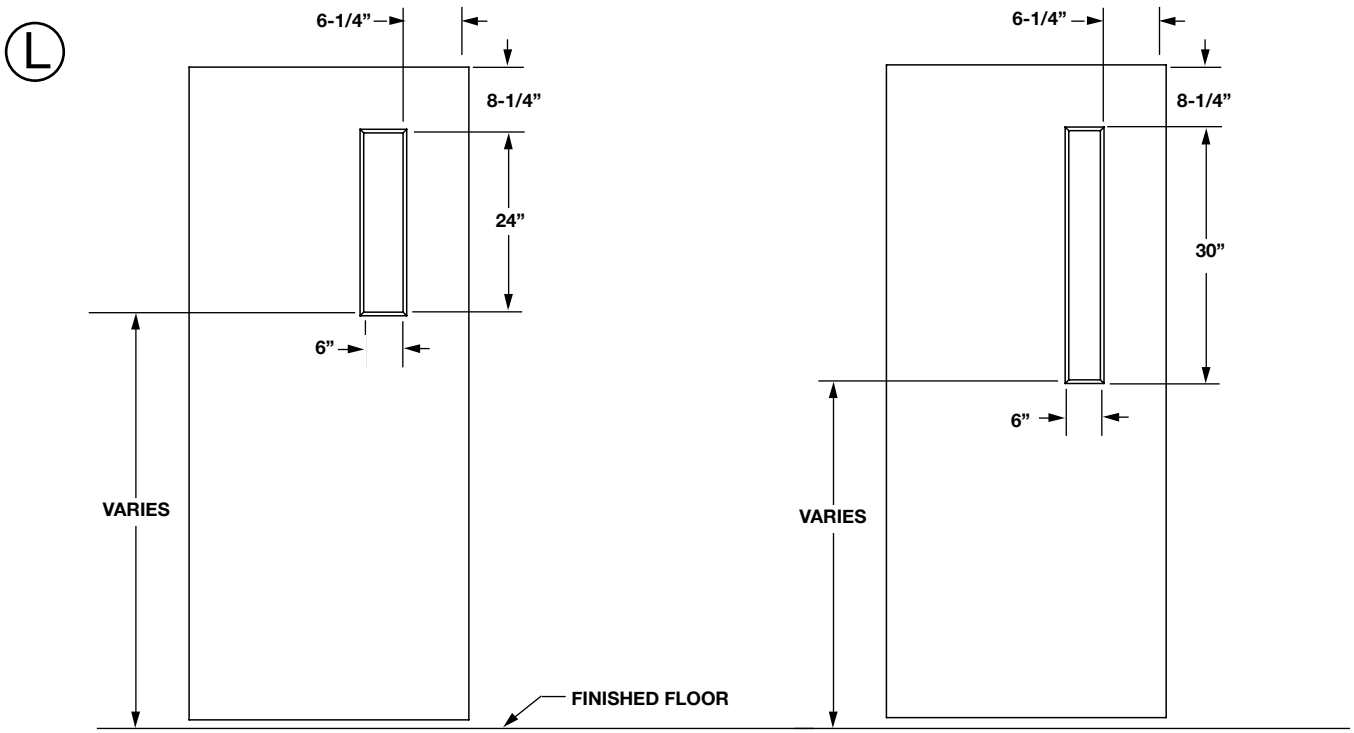


FNV6

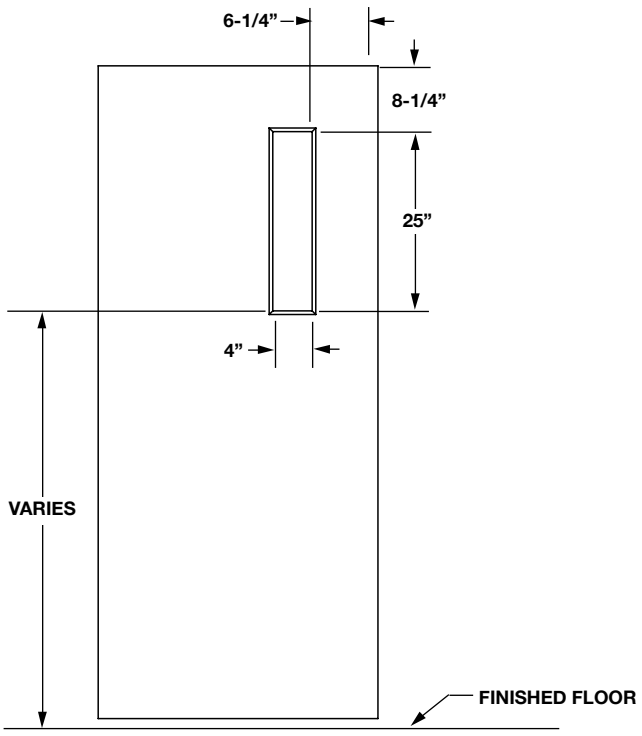
GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FNV

TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" AND UNDER



FNV7 **FNV8**

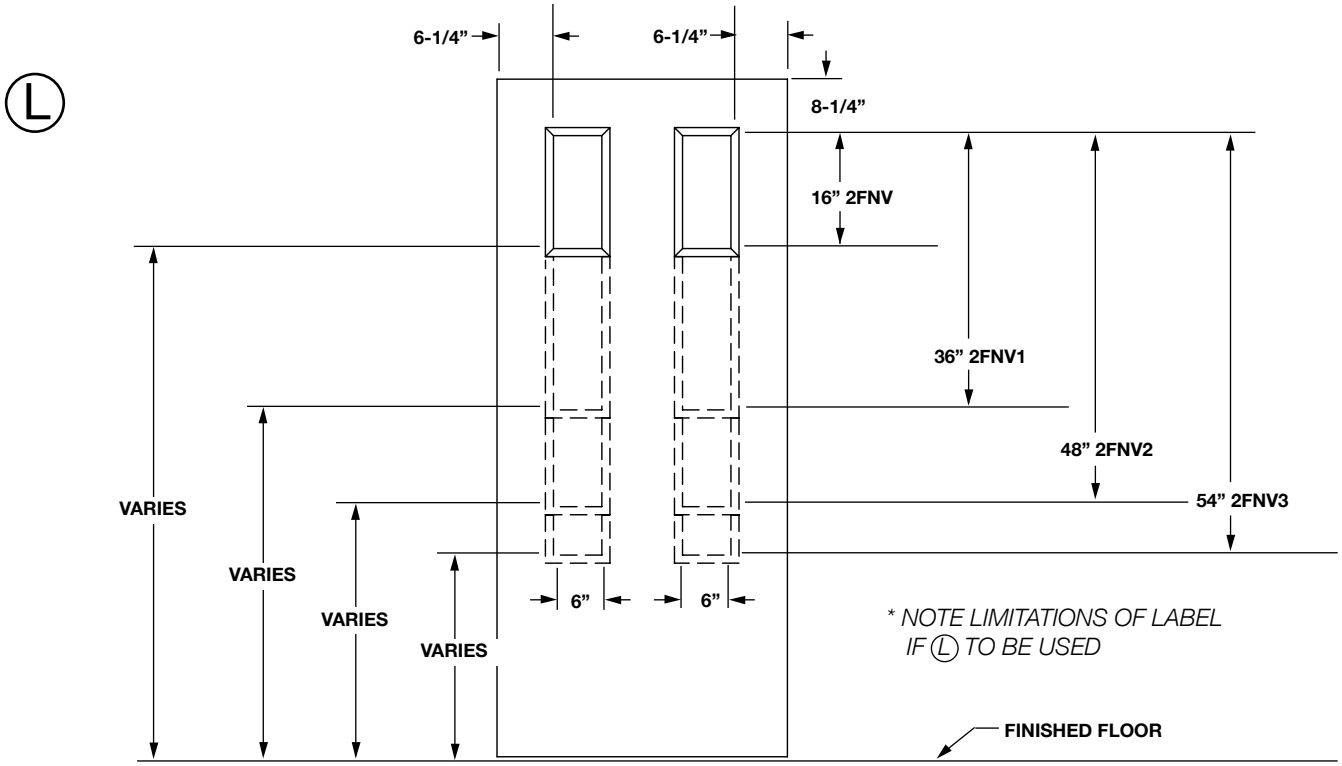


FNV9

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS 2FNV

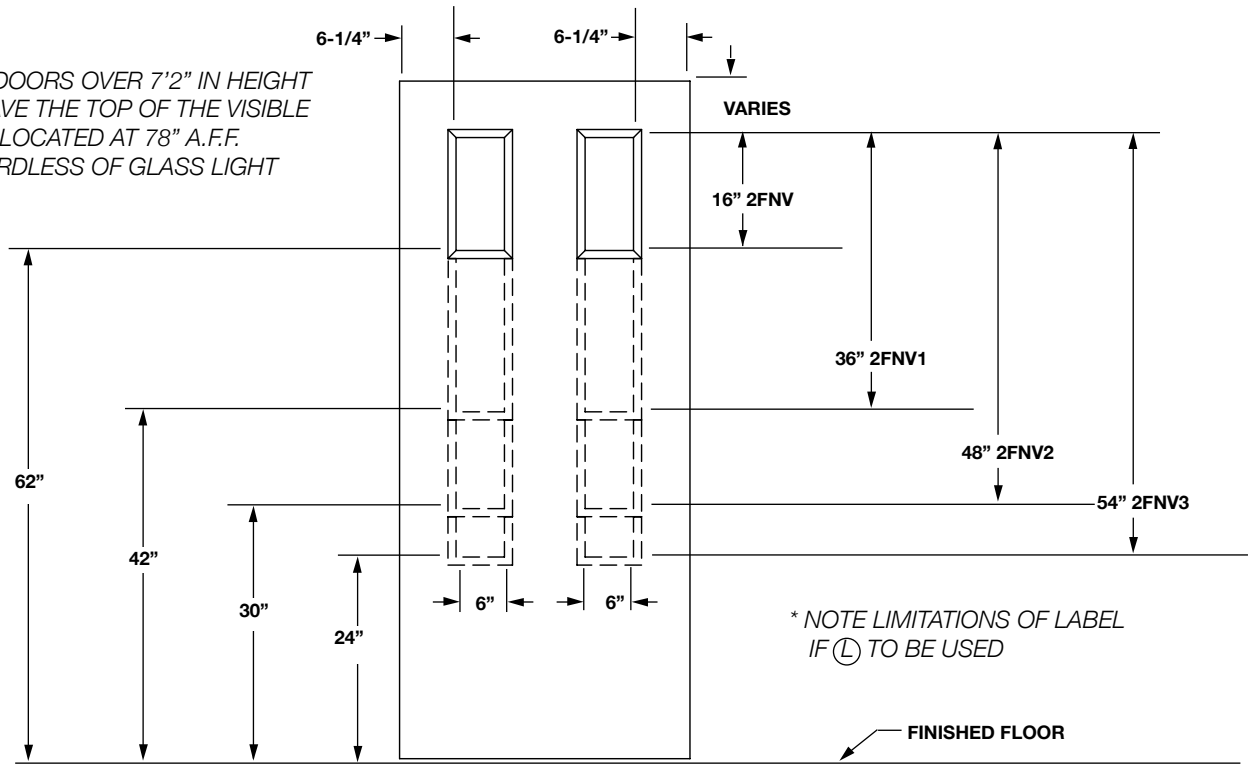
TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" AND UNDER



STANDARD LOCATIONS FOR DOORS OVER 7'2"

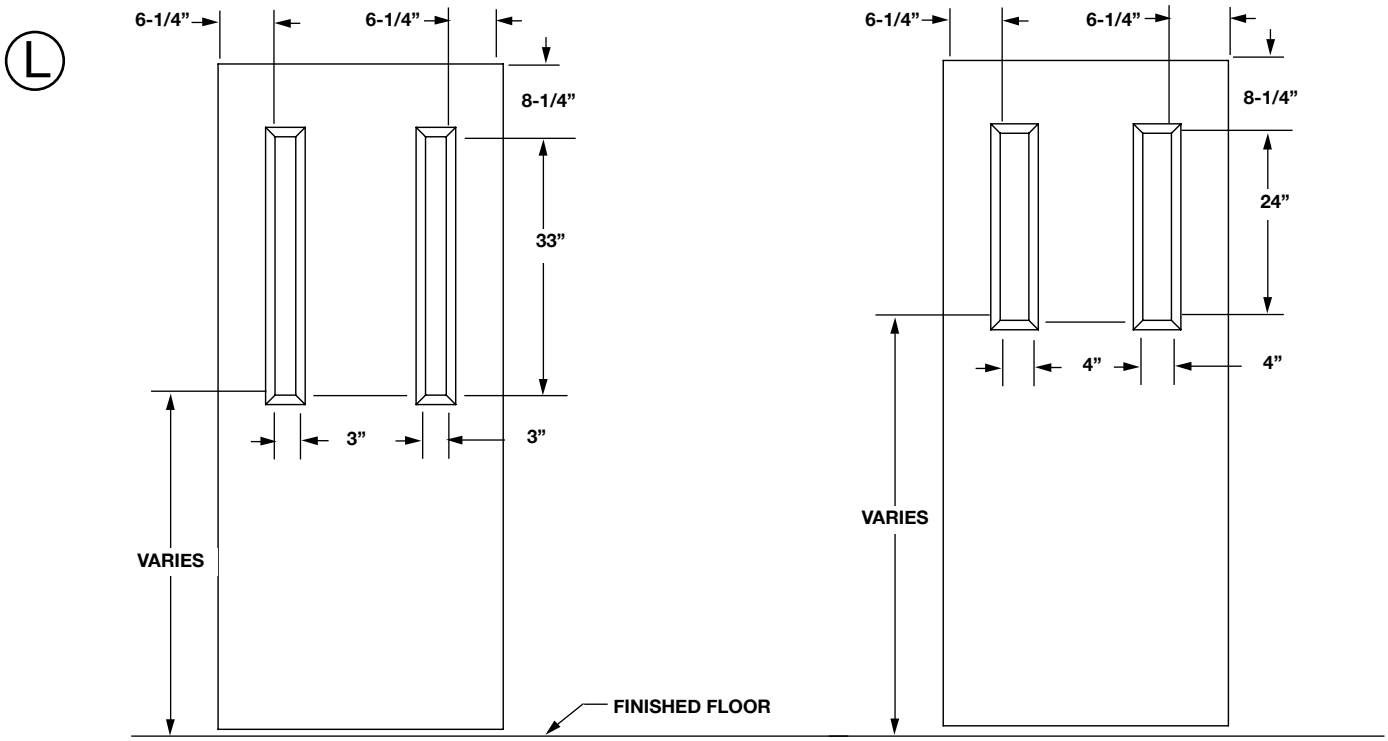
NOTE: DOORS OVER 7'2" IN HEIGHT WILLHAVE THE TOP OF THE VISIBLE GLASS LOCATED AT 78" A.F.F. REGUARDLESS OF GLASS LIGHT SIZE.

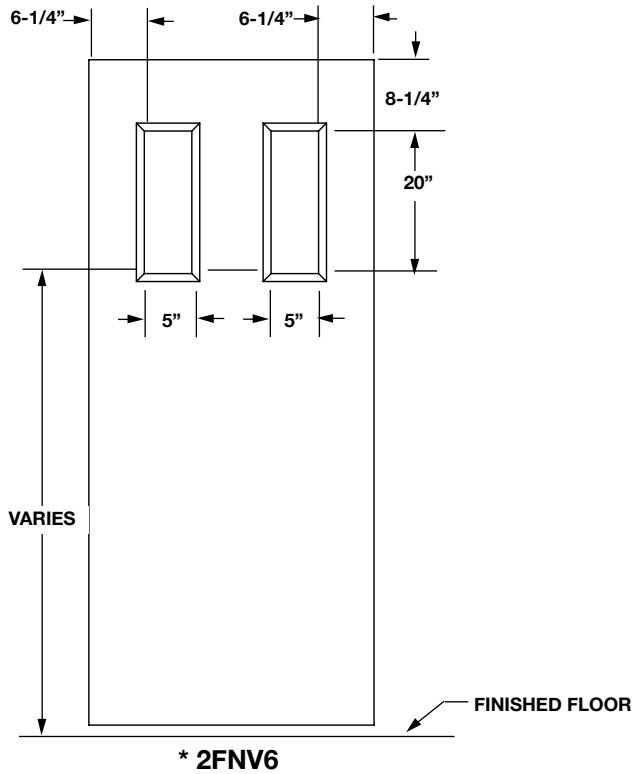


GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS 2FNV

TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" AND UNDER



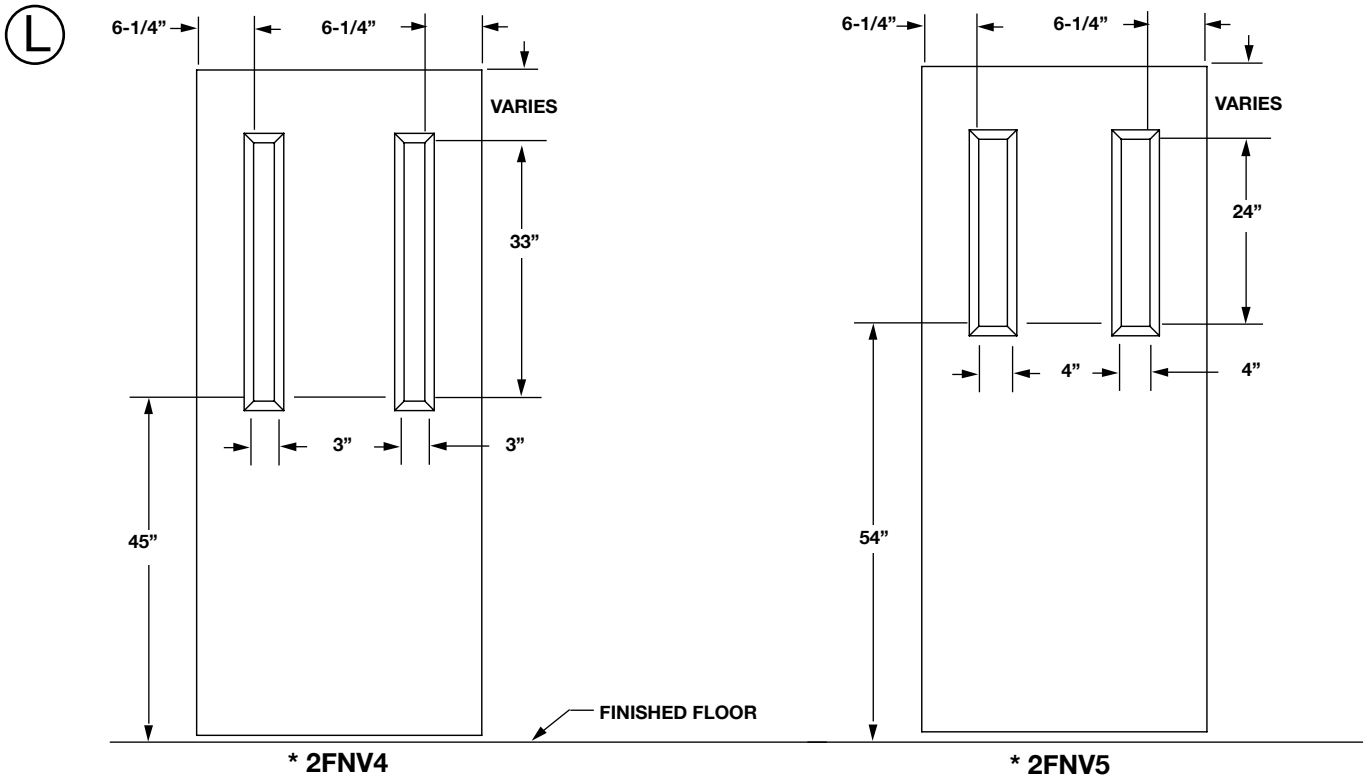


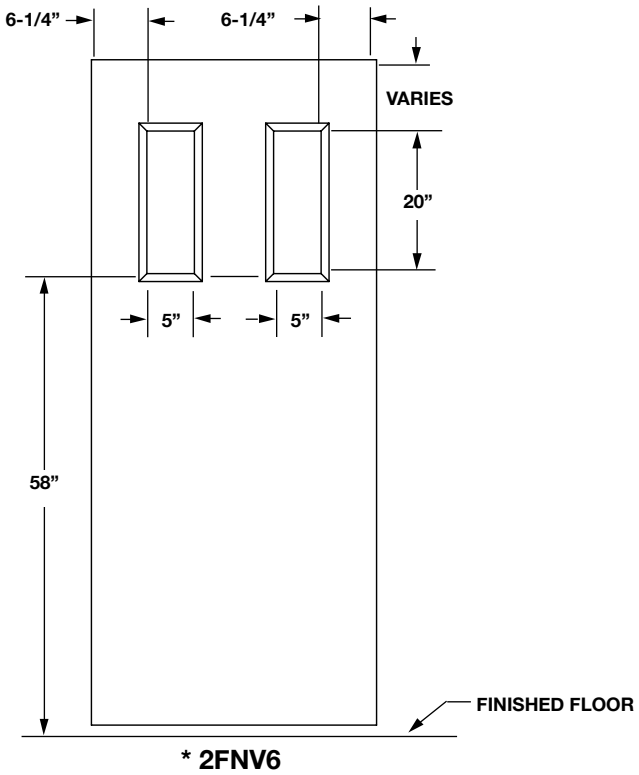
** MINIMUM 6" STILES TO BE LABEL APPROVED*

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS 2FNV

TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS OVER 7'2"

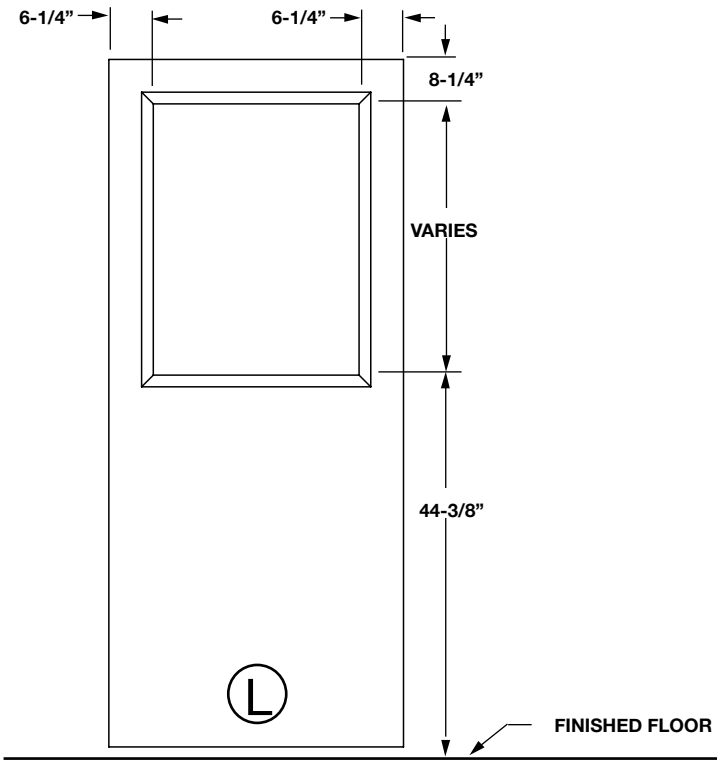




** MINIMUM 6" STILES TO BE LABEL APPROVED*

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS HG

TYPE 9 & 10 WINDOW MOULDING



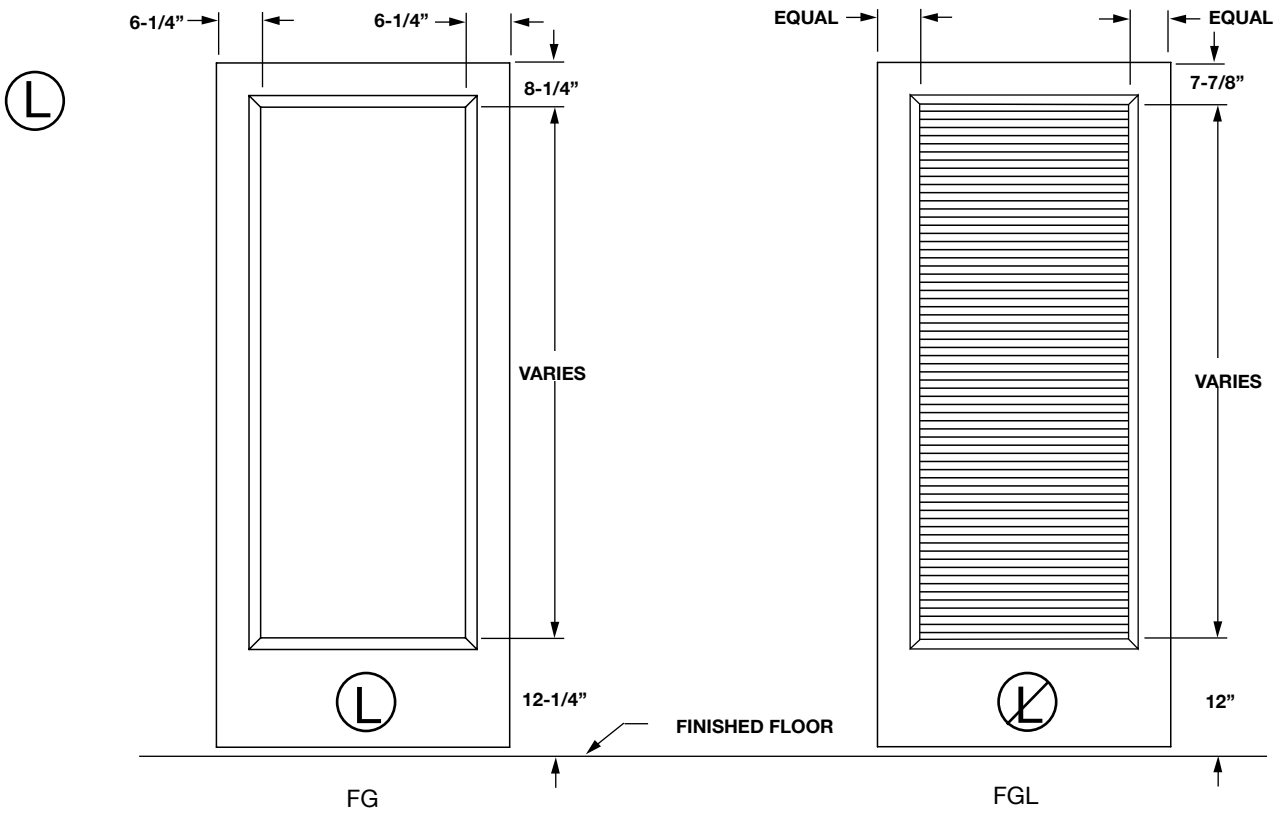
HG

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0"	11-5/16"		
2'4"	15-5/16"		
2'6"	17-5/16"	6'8"	27-1/4"
2'8"	19-5/16"		
2'10"	21-5/16"		
3'0"	23-5/16"	7'0"	31-1/4"
3'4"	27-5/16"		
3'6"	29-5/16"		
3'8"	31-5/16"	7'2"	33-1/4"
3'10"	33-5/16"		
4'0"	35-5/16"		

NOTE: FOR DOORS OVER 7'2" UP TO AND INCLUDING 8'0" STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" A MAXIMUM 44" VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0".

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FG, FGL

TYPE 9 & 10 WINDOW MOULDING



FG FGL

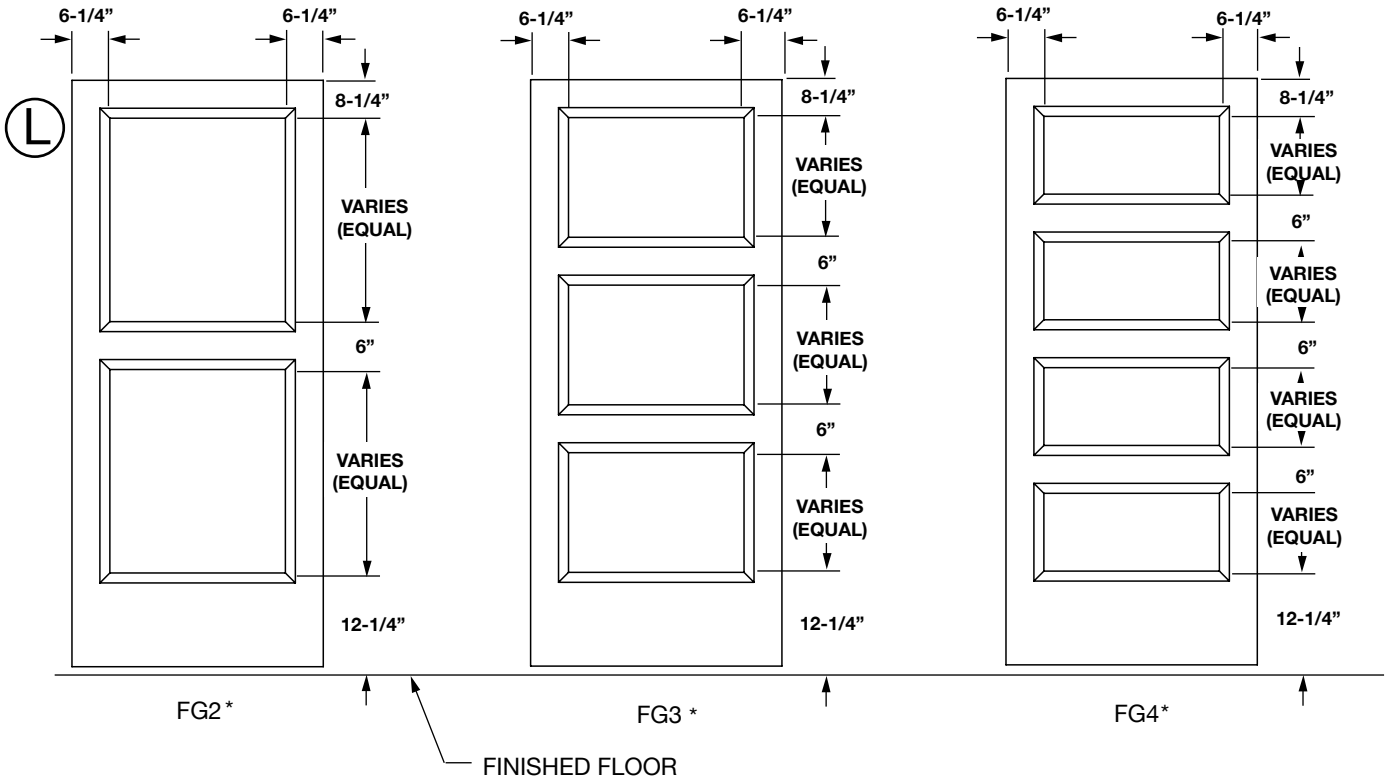
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0"	11-5/16"		
2'4"	15-5/16"		
2'6"	17-5/16"	6'8"	59-3/8"
2'8"	19-5/16"		
2'10"	21-5/16"		
3'0"	23-5/16"	7'0"	63-3/8"
3'4"	27-5/16"		
3'6"	29-5/16"		
3'8"	31-5/16"	7'2"	65-3/8"
3'10"	33-5/16"		
4'0"	35-5/16"		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0"	12"		
2'4"	16"		
2'6"	18"	6'8"	60"
2'8"	20"		
2'10"	22"		
3'0"	24"	7'0"	64"
3'4"	28"		
3'6"	30"		
3'8"	32"	7'2"	66"
3'10"	34"		
4'0"	36"		

NOTE: FOR DOORS OVER 7'2" UP TO AND INCLUDING 8'0" STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0".

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS FG2, FG3, FG4

TYPE 9 & 10 WINDOW MOULDING



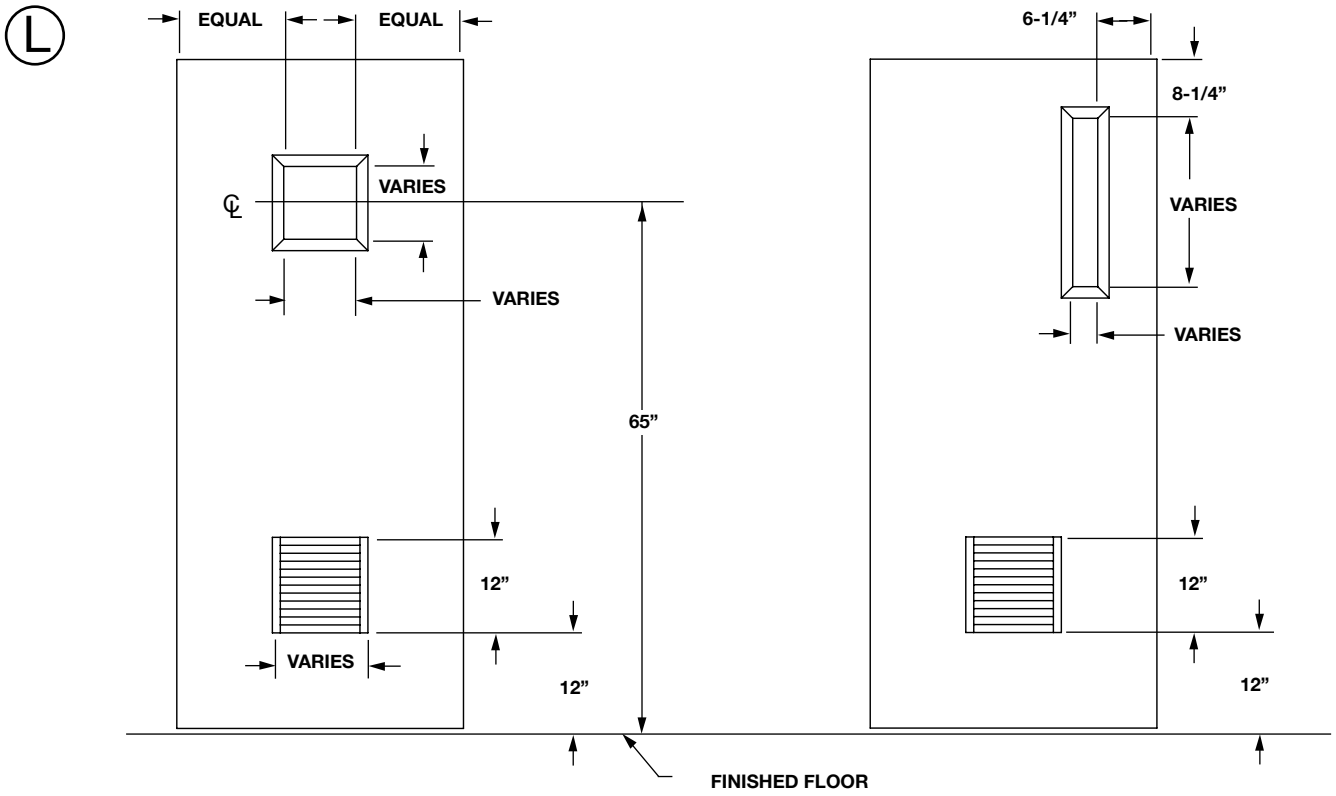
NOTE: A MINIMUM 6" STILE AND 6" RAIL IS REQUIRED FOR FIRE LABEL LISTED DOOR)

		FG2		FG3		FG4	
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT
2'0"	11-5/16"						
2'4"	15-5/16"						
2'6"	17-5/16"	6'8" (2032)	26-11/16"	6'8"	15-13/16"	6'8"	10-3/8"
2'8"	19-5/16"						
2'10"	21-5/16"						
3'0"	23-5/16"	7'0" (2133.6)	28-11/16"	7'0"	17-1/8"	7'0"	11-3/8"
3'4" 3'6"	27-5/16" 29-5/16"						
3'8"	31-5/16"	7'2" (2184.4)	29-11/16"	7'2"	15-13/16"	7'2"	11-7/8"
3'10"	33-5/16"						
4'0"	35-5/16"						

NOTE: FOR DOORS OVER 7'2" UP TO AND INCLUDING 8'0" STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0".

FACE TYPE LOCATION FVL, FNVL

TYPE 9 & 10 WINDOW MOULDING



FVL
FV = FULL VISION STANDARDS
L = LOUVER STANDARDS

FNVL
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE:
12" X 12" FULL VISION LIGHT
18" X 12" LOUVER
FV1L2

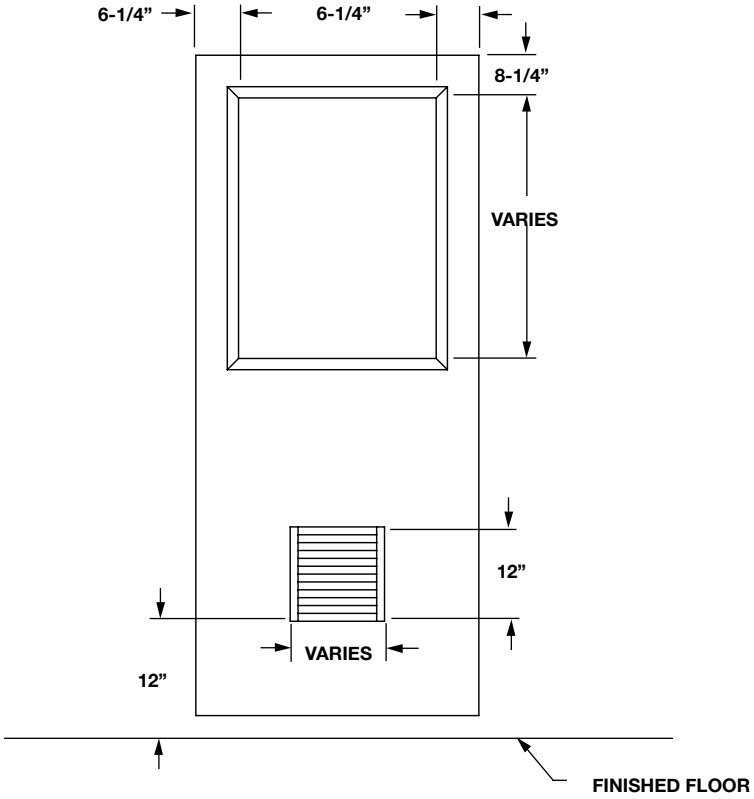
EXAMPLE:
6" X 36" NARROW VISION LIGHT
18" X 12" LOUVER
FNV1L2

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

FACE TYPE LOCATIONS HGL

TYPE 9 & 10 WINDOW MOULDING

Ⓛ



HGL
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

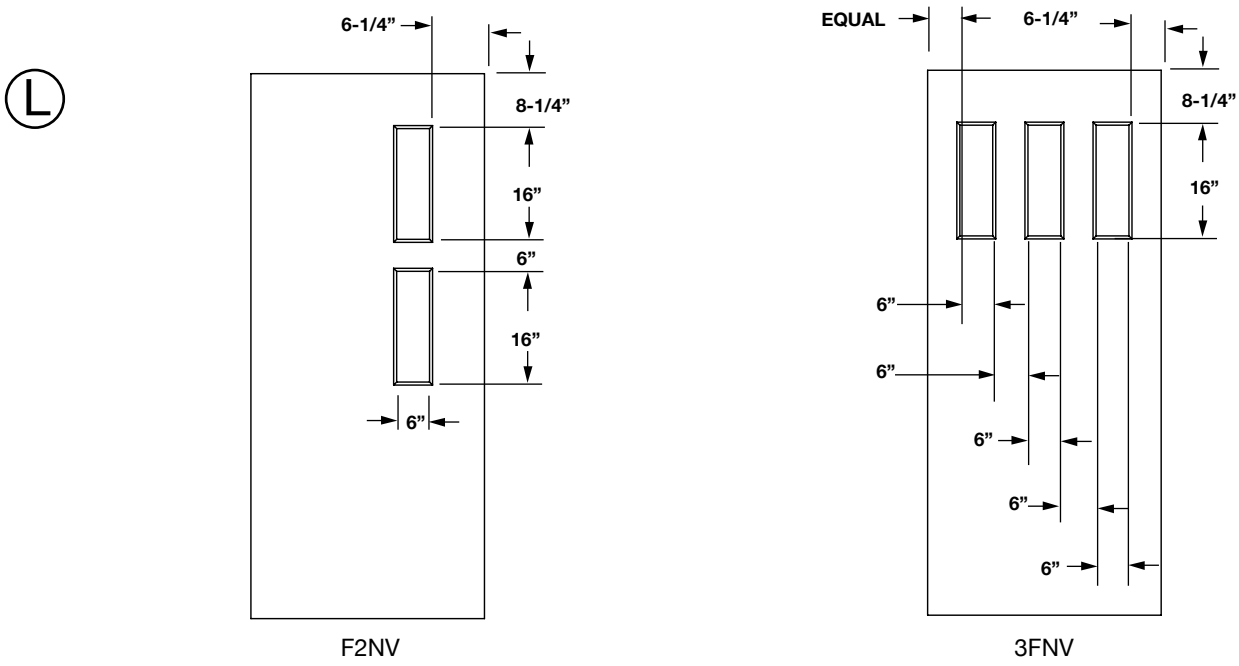
EXAMPLE:
WINDOW PANE-HALF GLASS
18” X 12” LOUVER

HGL2

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

GLASS SIZES (VISIBLE) AND LIGHT LOCATIONS F2NV, 3FNV

TYPE 9 & 10 WINDOW MOULDING

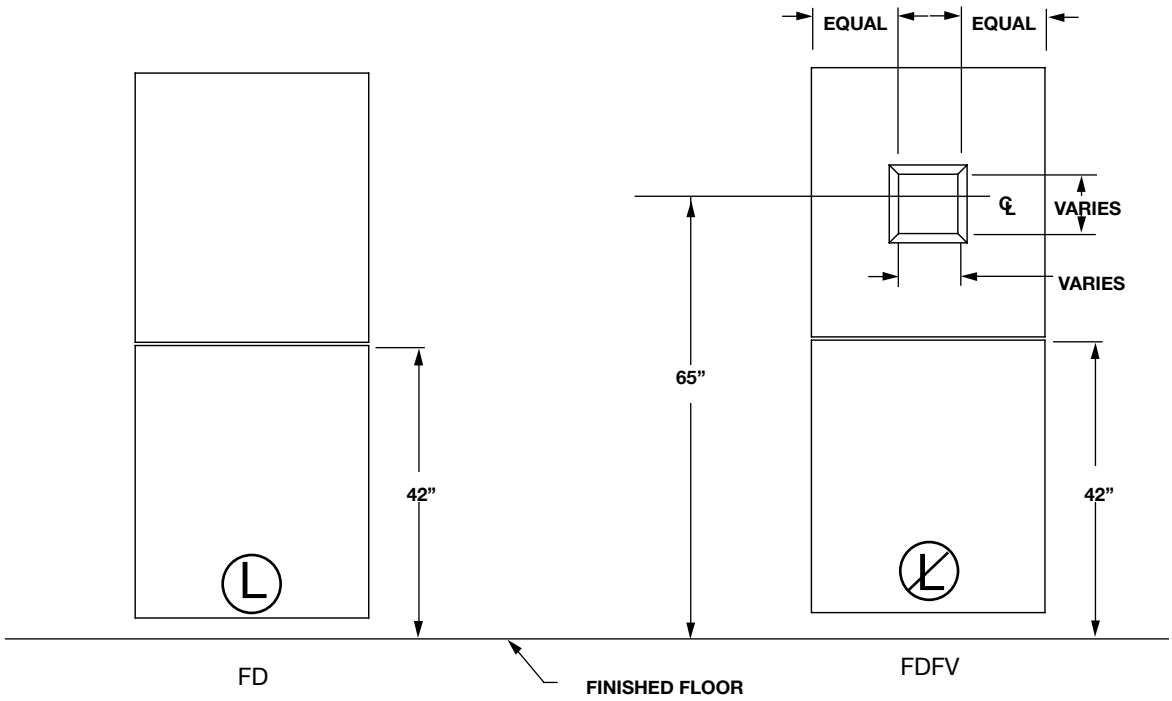


F2NV 3FNV

DOOR WIDTH FOR 3FNV MUST BE AT LEAST 3’7” WIDE

* *NOTE: MINIMUM 6” STILES TO BE FIRE LABEL LISTED.*

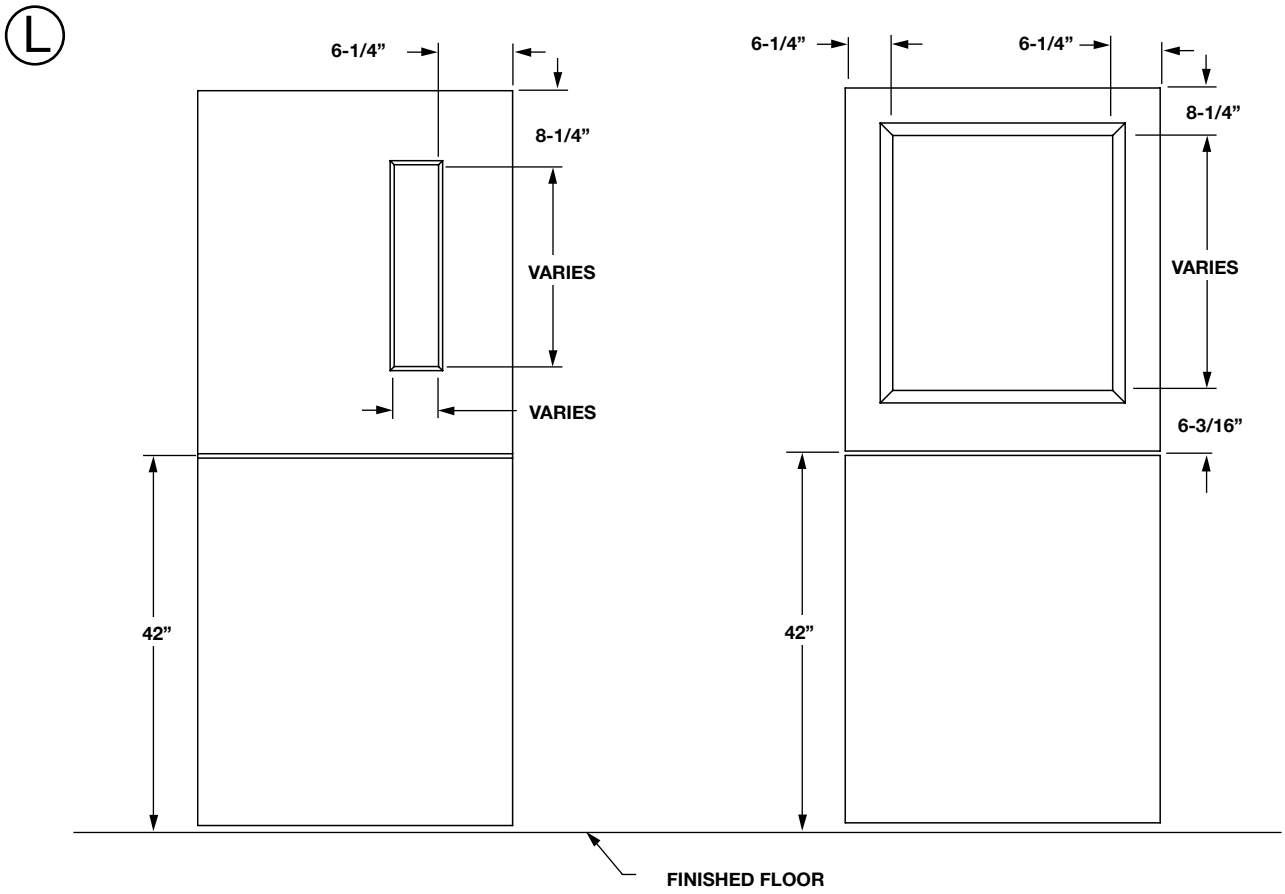
FACE TYPE LOCATIONS FD, FDFV



FDFV	10” X 10”
FDFV1	12” X 12”

FACE TYPE LOCATIONS FDFNV, FDHG

TYPE 9 & 10 WINDOW MOULDING



FDFNV
FD = FLUSH DUTCH
FNV = FULL NARROW VISION STANDARDS

FDHG
FD = FLUSH DUTCH
HG = HALF GLASS STANDARDS

EXAMPLE:
FLUSH DUTCH
6" X 36" NARROW VISION LIGHT

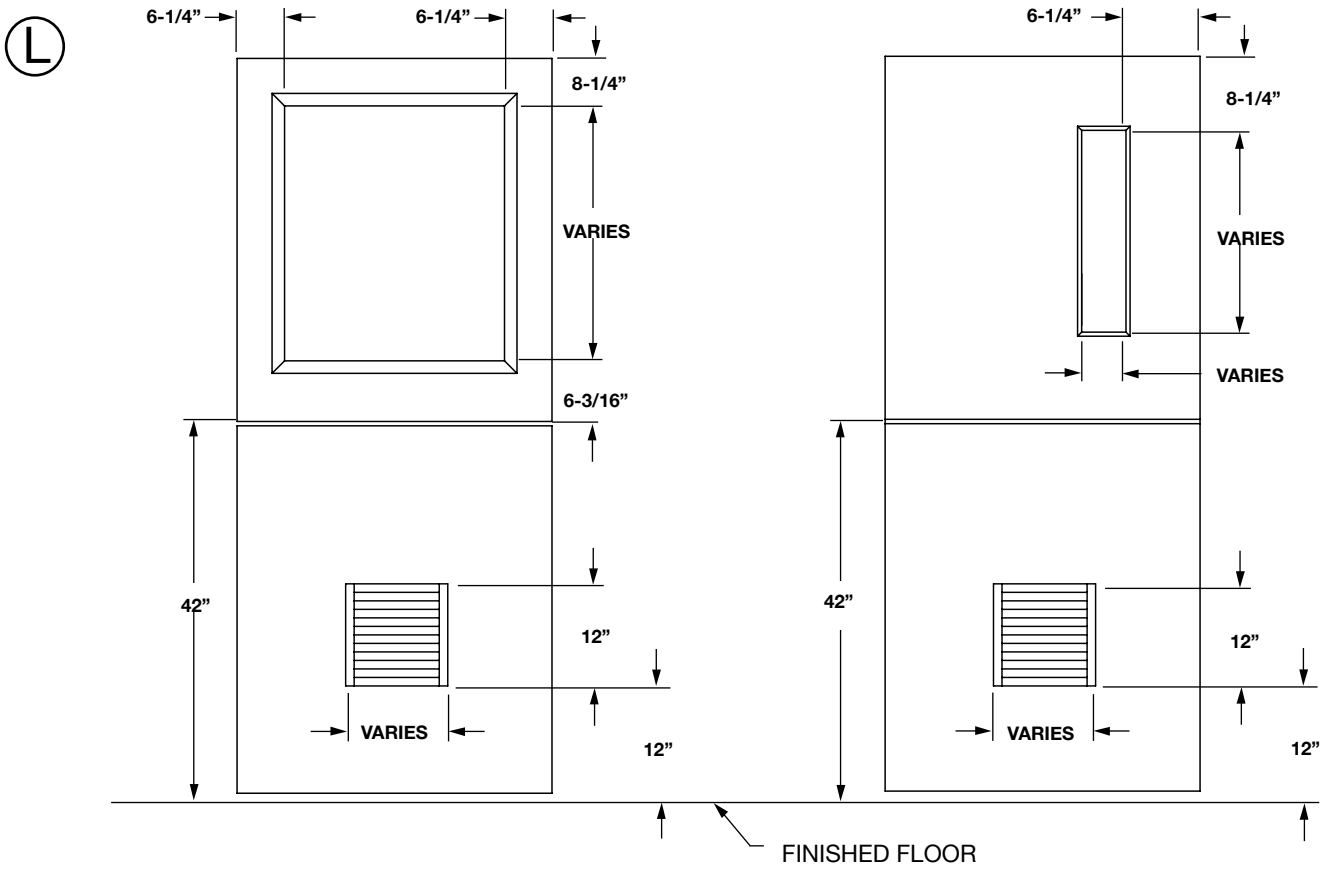
FDFNV1

EXAMPLE:
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS

FDHG

FACE TYPE LOCATIONS FDHGL, FDFNVL

TYPE 9 & 10 WINDOW MOULDING



FDHGL
FD = FLUSH DUTCH
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

FDFNVL
FD = FLUSH DUTCH
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE:
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS
18" X 12" LOUVER

FDHG3L2

EXAMPLE:
FLUSH DUTCH
6" X 36" NARROW VISION LIGHT
18" X 12" LOUVER

FDFNV1L2

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

WINDOW KIT CUTOUT ON DOOR

TYPE 9 & 10 WINDOW MOULDING

TYPE 9 & 10 KITS

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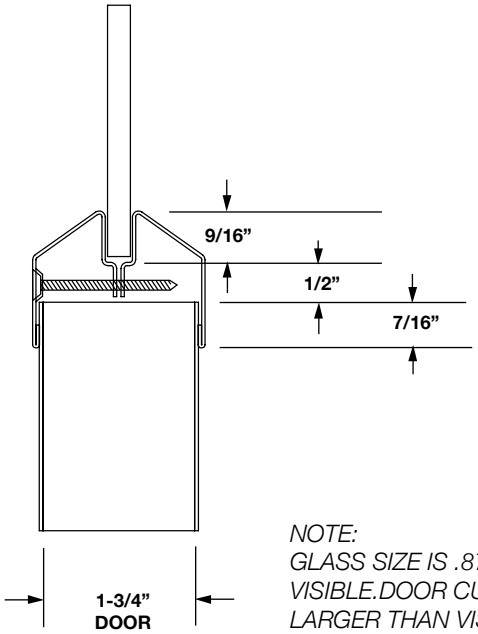
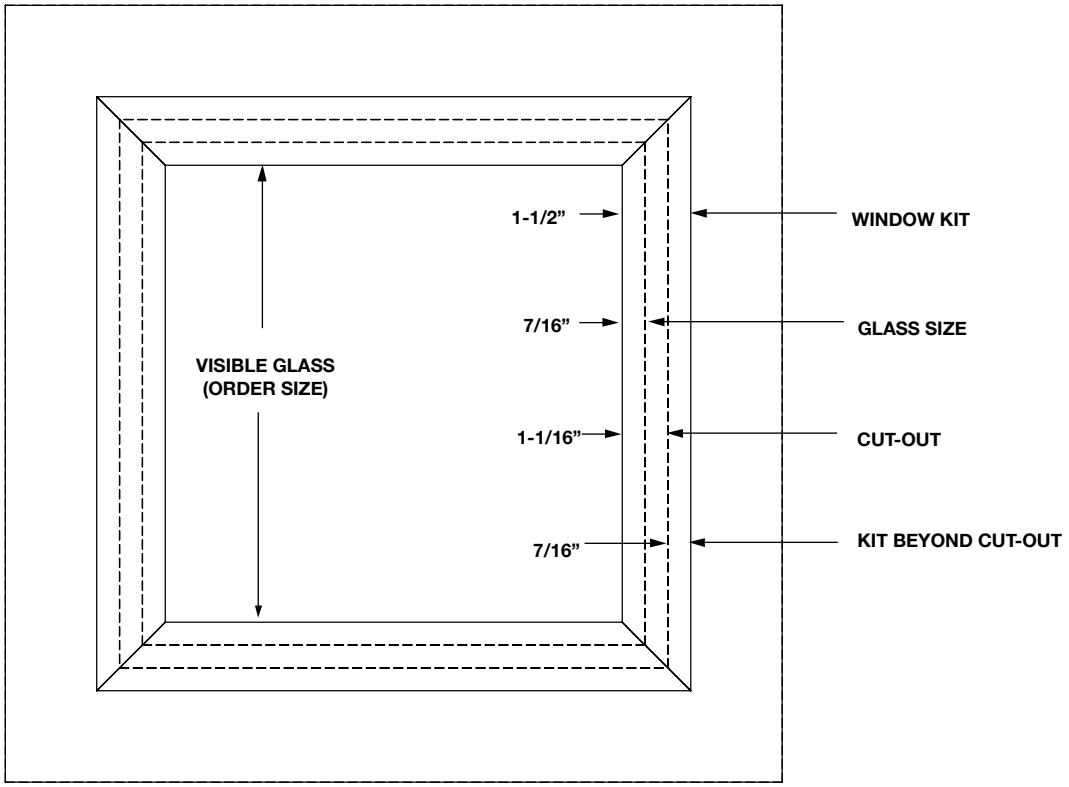
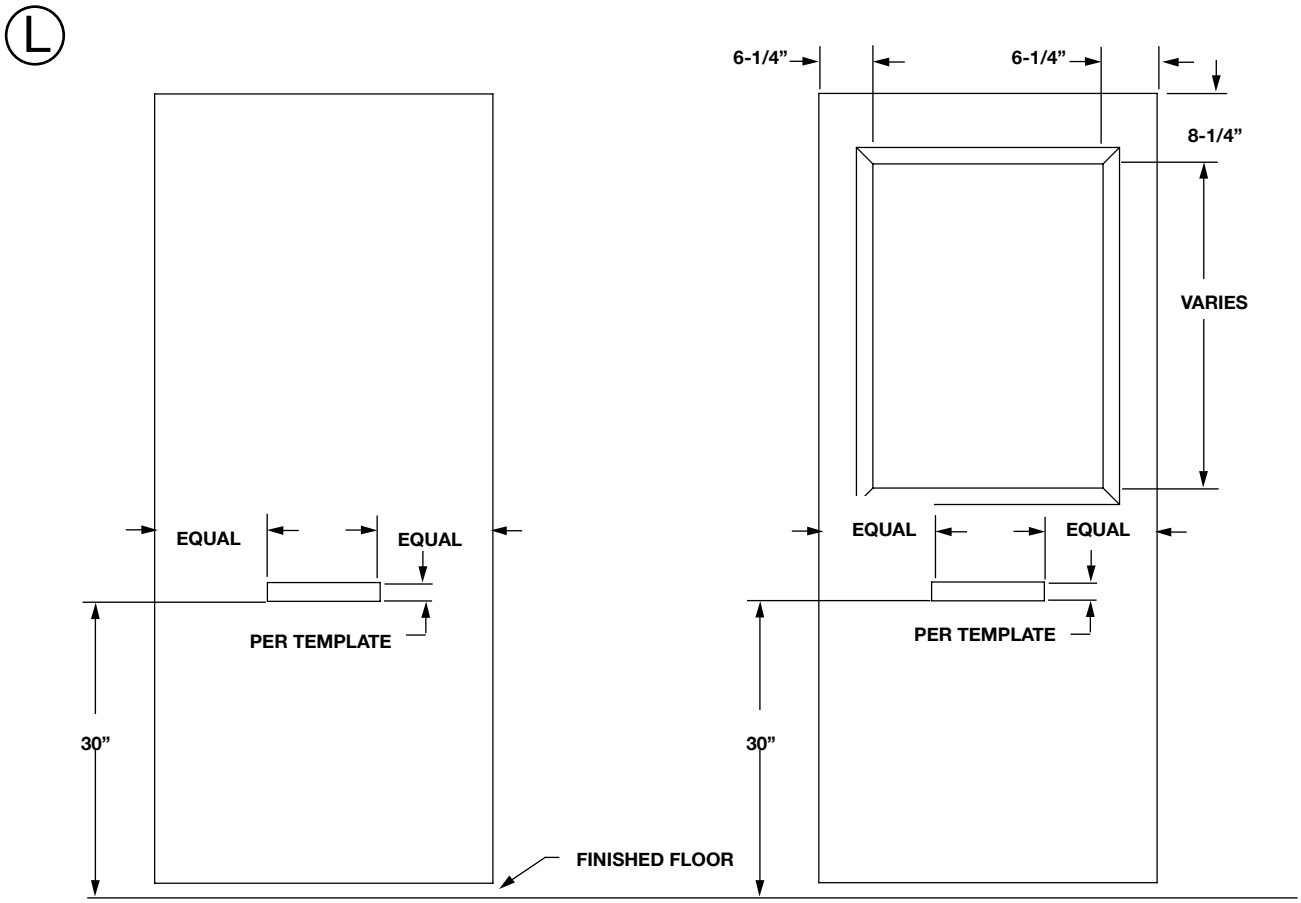


NOTE:
GLASS SIZE IS .875 LARGER THAN VISIBLE.DOOR CUTOUT IS 2.125” LARGER THAN VISIBLE.



FACE TYPE LOCATIONS FMS, HGMS

TYPE 9 & 10 WINDOW MOULDING



FMS
FMS = FLUSH MAIL SLOT

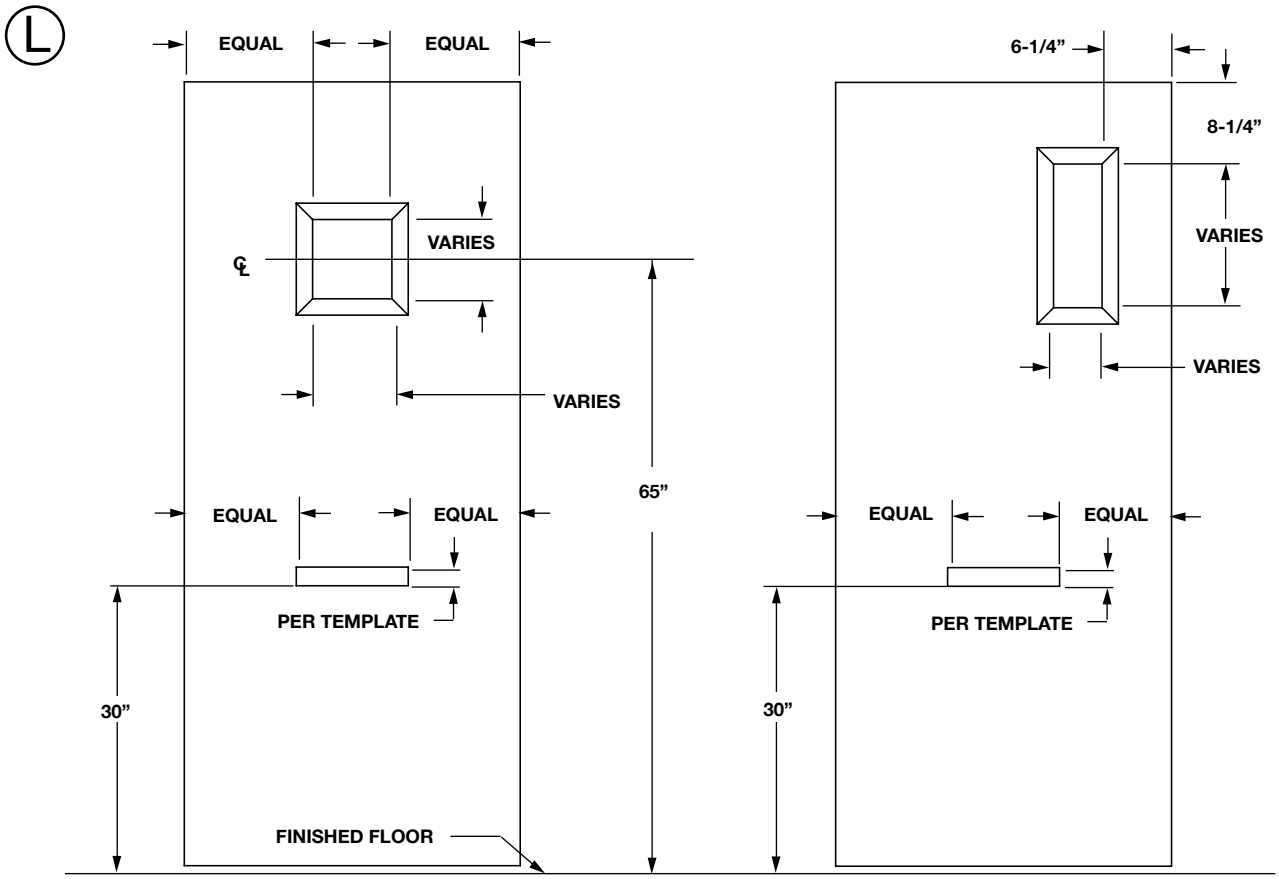
HGMS
HG = HALF GLASS STANDARDS
MS = MAIL SLOT

EXAMPLE:
(3) WINDOW PANE-HALF GLASS
MAIL SLOT

HG3MS

FACE TYPE LOCATIONS FVMS, FNVMS

TYPE 9 & 10 WINDOW MOULDING



FVMS
FV = FULL VISION STANDARDS
MS = MAIL SLOT

FNVMS
FNV = FULL NARROW VISION STANDARDS
MS = MAIL SLOT

FVMS	10” X 10”
FV1MS	12” X 12”

EXAMPLE:
6” X 36” NARROW VISION LIGHT
MAIL SLOT

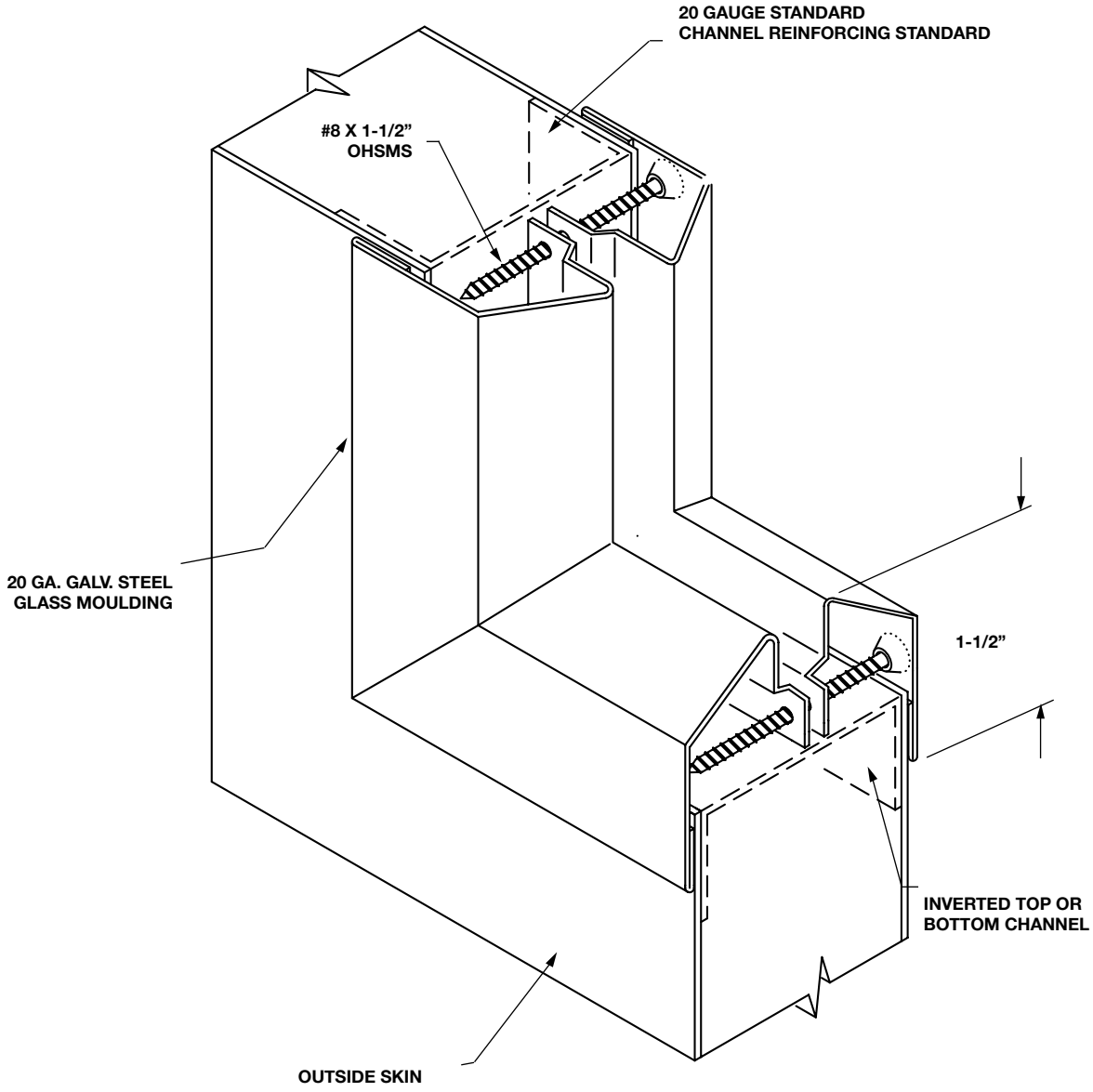
FNV1MS

CUT AWAY VIEW FG MOULDING

TYPE 9 & 10 WINDOW MOULDING

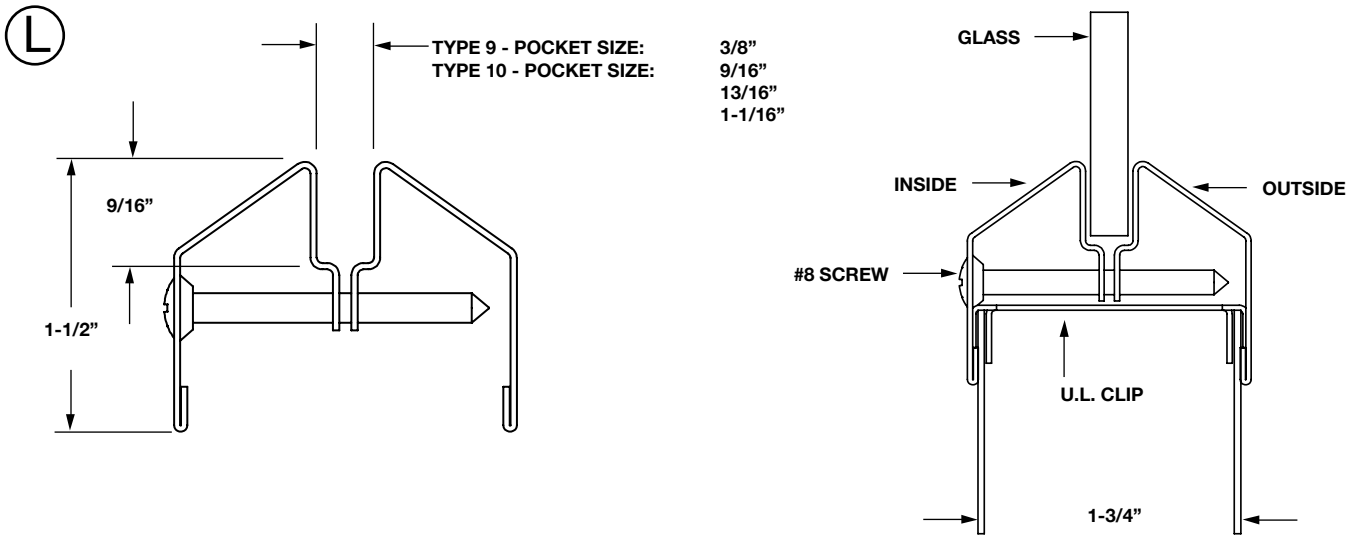
Ⓛ

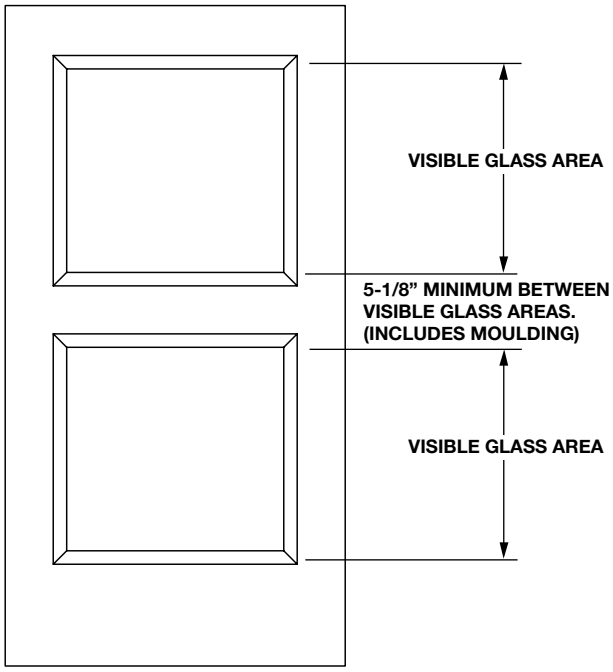
HINGE OR LOCK CHANNEL

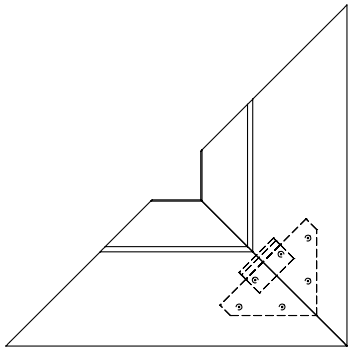


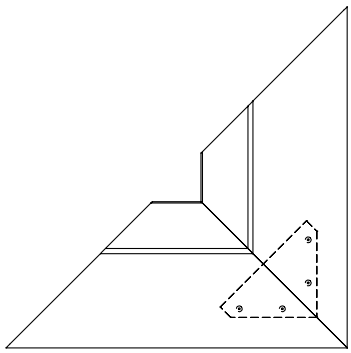
DOOR VISION LIGHT KIT (STANDARD)

TYPE 9 & 10 WINDOW MOULDING



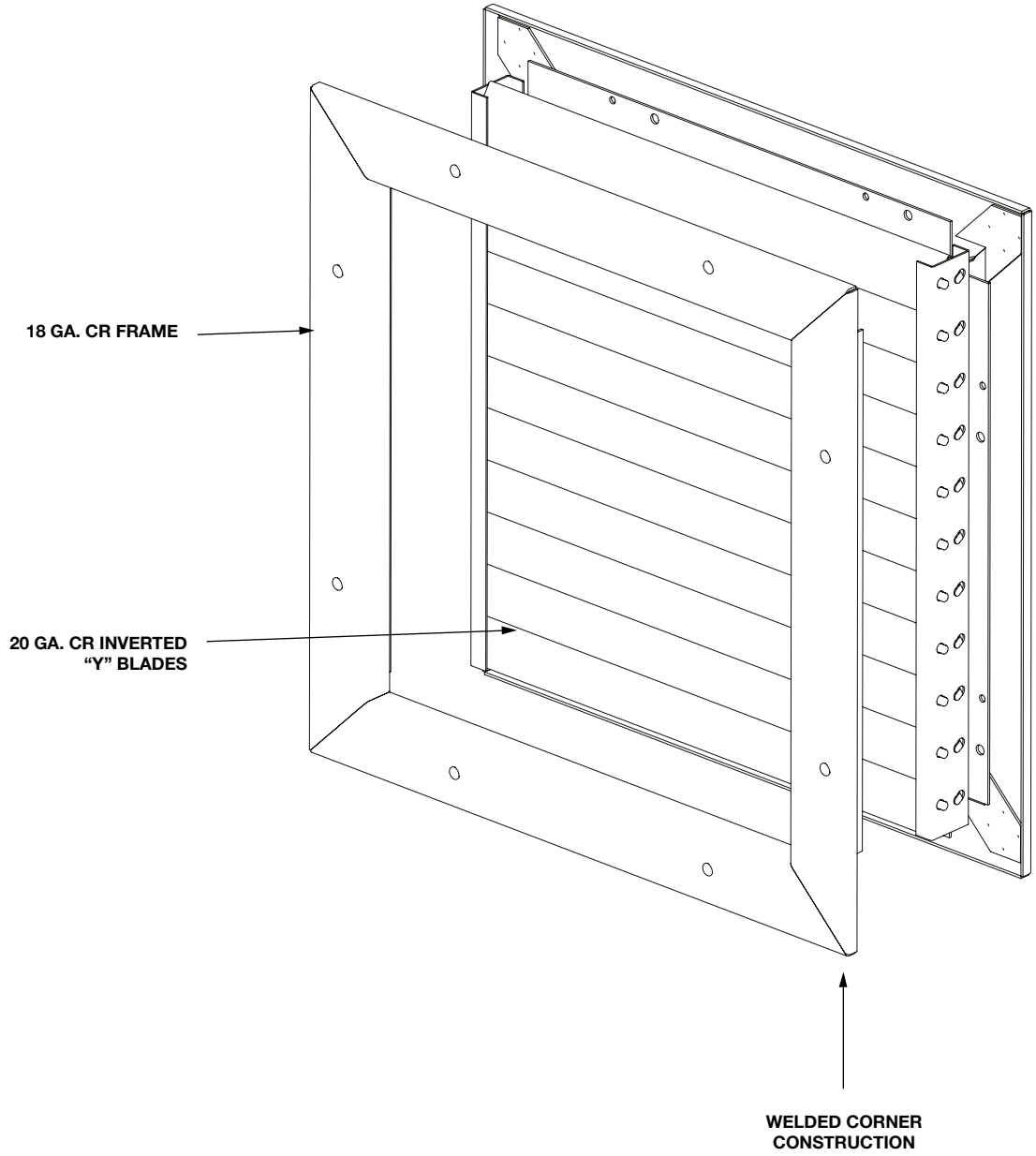






NOTE: ON FIRE LABEL DOORS USE A 6” (152.4) MINIMUM STILE BETWEEN VISIBLE GLASS AREAS AND BETWEEN VISIBLE GLASS AND EDGES OF DOOR.

NON-RATED DOOR LOUVER



THE CURRIES NON-RATED LOUVER FOR 1-3/4" DOORS PROVIDES
50% FREE AIR FLOW WHILE FASTENING TO ONE SIDE TO ENSURE SECURITY.

FACTORY INSTALLED GLASS

FILMED GLASS (FIG03) AND (FIG03E)

Ⓛ

GLASS DESCRIPTION
CERAMIC, FILMED FIRE AND SAFETY RATED GLASS
BRAND NAME: FACTORY OPTION
GRADE: STANDARD
THICKNESS: 3/16" NOMINAL
WARRANTY: 3 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE,
EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201

FIRE LISTINGS
UL AND INTERTEK/WARNOCK-HERSEY APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, 45, 60, AND 90	3708 SQ IN	37-3/4"	98-1/4"	707, 747, 777 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

SIZES SUBJECT TO GLASS MANUFACTURER AVAILABILITY **TEMPERATURE RISE*

LAMINATED GLASS (FIG04) AND (FIG04E)

Ⓛ

GLASS DESCRIPTION
CERAMIC, LAMINATED FIRE AND SAFETY RATED GLASS
BRAND NAME: FACTORY OPTION
GRADE: STANDARD
THICKNESS: 3/8" NOMINAL
WARRANTY: 5 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE,
EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY
RATING: CAT 1, CAT II, CPSC 16CFR1201

FIRE LISTINGS
UL AND INTERTEK/WARNOCK-HERSEY APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, 45, 60, AND 90	3564 SQ IN	37-3/4"	99"	707, 747, 777 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

SIZES SUBJECT TO GLASS MANUFACTURER AVAILABILITY **TEMPERATURE RISE*

FACTORY INSTALLED GLASS

FIRELITE® NT GLASS (FIG05) AND (FIG05E)

GLASS DESCRIPTION
CERAMIC, FILMED FIRE AND SAFETY RATED GLASS
BRAND NAME:FIRELITE NT
GRADE: PREMIUM
THICKNESS: 3/16" NOMINAL
WARRANTY: 3 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1

FIRE LISTINGS
UL APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, 45, AND 60	3204 SQ IN	36"	89"	707, 747, 777 847, 857
90	2034 SQ IN	36"	56.5"	707, 747, 777 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

**TEMPERATURE RISE*

FIRELITE® PLUS GLASS (FIG06) AND (FIG06E)

GLASS DESCRIPTION
CERAMIC, LAMINATED FIRE AND SAFETY RATED GLASS
BRAND NAME: FIRELITE PLUS
GRADE: PREMIUM
THICKNESS: 5/16" NOMINAL
WARRANTY: 5 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1

FIRE LISTINGS
UL APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20 AND 45	3204 SQ IN	36"	89"	707, 747, 847, 857
90	2034 SQ IN	36"	56.5"	707, 747, 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

**TEMPERATURE RISE*

FACTORY INSTALLED GLASS

1/4” TEMPERED GLASS (FIG01) AND (FIG01E)

GLASS DESCRIPTION
1/4” CLEAR TEMPERED GLASS
QUALITY RATING:Q3, ASTM C1036-06
THICKNESS: 1/4” NOMINAL
WARRANTY: 1 YEAR LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE
EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY
RATING: CAT 1, CAT II, CPSC 16CFR1201

GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 2406
CANNOT BE USED ON FIRE RATED DOORS

1/4” FILMED WIRE GLASS (FIG02) AND (FIG02E)

GLASS DESCRIPTION
1/4” FILM WIRE, FIRE AND IMPACT SAFETY RATED GLASS
QUALITY RATING: Q6, ASTM C1036-06
THICKNESS: 1/4” NOMINAL
WIRE PATTERN: MISCO (DIAMOND PATTERN), BAROQUE (SQUARE PATTERN)
WARRANTY: 1 YEAR LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE OR PEMKO FG 300090 OR 300045 AS REQUIRED, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1

FIRE LISTINGS
UL AND INTERTEK/WARNOCK-HERSEY APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, AND 45	1296 SQ IN	36”	54”	707, 747, 777 847, 857
45 TR*	100 SQ IN	12”	33”	727, 747-TR*
60	100 SQ IN	12”	33”	707, 727, 747 747-TR*, 777, 847, 857
90	100 SQ IN	12”	33”	707, 727, 747, 747-TR*, 777, 847, 857
20, AND 45	1296 SQ IN	34”	84”	707, 747, 777 847, 857
PEMKO FG 300090				
60	552 SQ IN	12”	46”	707, 747, 777 847, 857
90	552 SQ IN	12”	46”	707, 747, 777 847, 857

**TEMPERATURE RISE*

FACTORY INSTALLED GLASS

INSULATED GLASS

5/8" INSULATED GLASS (FIG07E)

GLASS DESCRIPTION
5/8" OVERALL INSULATING. LOE2 TEMPERED, ARGON FILLED
THICKNESS: 5/8" NOMINAL
WARRANTY: 10 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE AND DUO-SIL CAP SEAL ON BOTH SIDES AS NEEDED
IMPACT SAFETY RATING: CAT II, CPSC 16CFR1201
GLASS IS MARKED IN: CAT II, CPSC 16CFR1201 AND 2406

CANNOT BE USED ON FIRE RATED DOORS

INSULATING PERFORMANCE
CENTER OF GLASS U FACTOR: .25 BTU/HR•FT2˚F
SHADING COEFFICIENT (SC): .42
SOLAR HEAT GAIN (SHGC): .37
UV TRANSMITTANCE: 14%

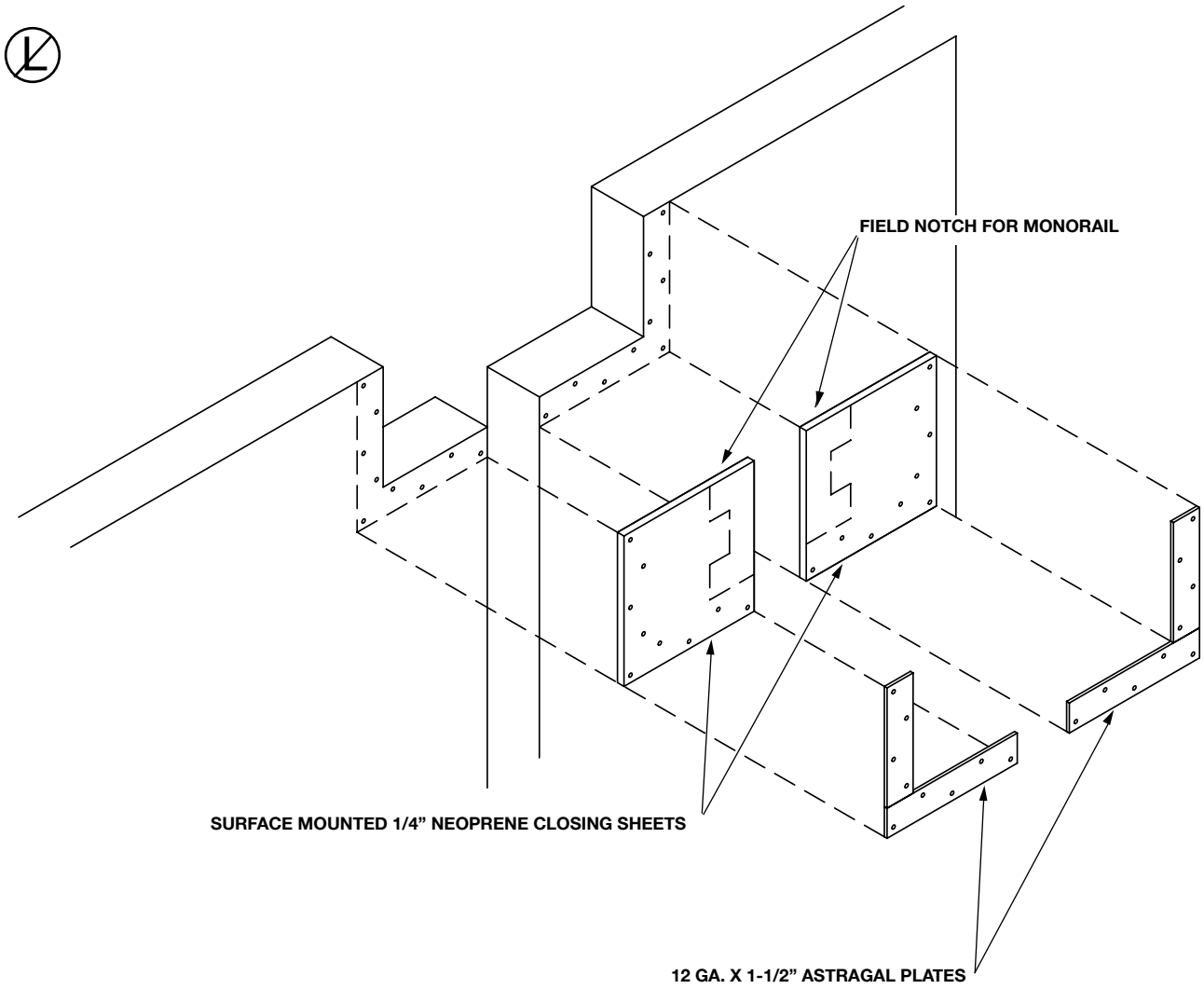
1" INSULATED GLASS (FIG08E)

GLASS DESCRIPTION
1" OVERALL INSULATING. LOE2 TEMPERED, ARGON FILLED
THICKNESS: 1" NOMINAL
WARRANTY: 10 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE AND DUO-SIL CAP SEAL ON BOTH SIDES AS NEEDED
IMPACT SAFETY RATING: CAT II, CPSC 16CFR1201
GLASS IS MARKED IN:CAT II, CPSC 16CFR1201 AND 2406

CANNOT BE USED ON FIRE RATED DOORS

INSULATING PERFORMANCE
CENTER OF GLASS U FACTOR: .25 BTU/HR•FT2˚F
SHADING COEFFICIENT (SC): .41
SOLAR HEAT GAIN (SHGC): .36
UV TRANSMITTANCE: 13%

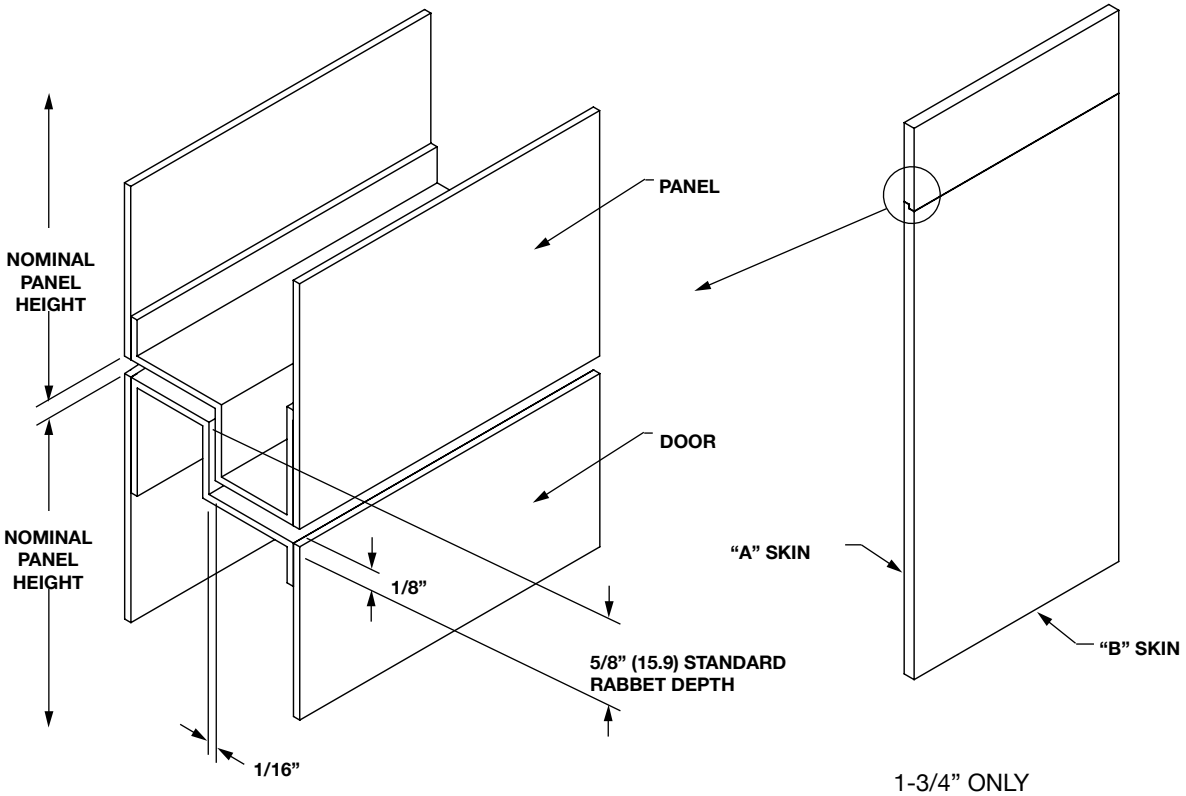
MONORAIL CUTOUT



NEOPRENE SHEETS AND ASTRAGAL PLATES ATTACHED TO DOOR WITH SCREWS IN A STAGGERED PATTERN.

RABBETED DOOR AND PANEL

U.L. APPROVED



1-3/4" ONLY

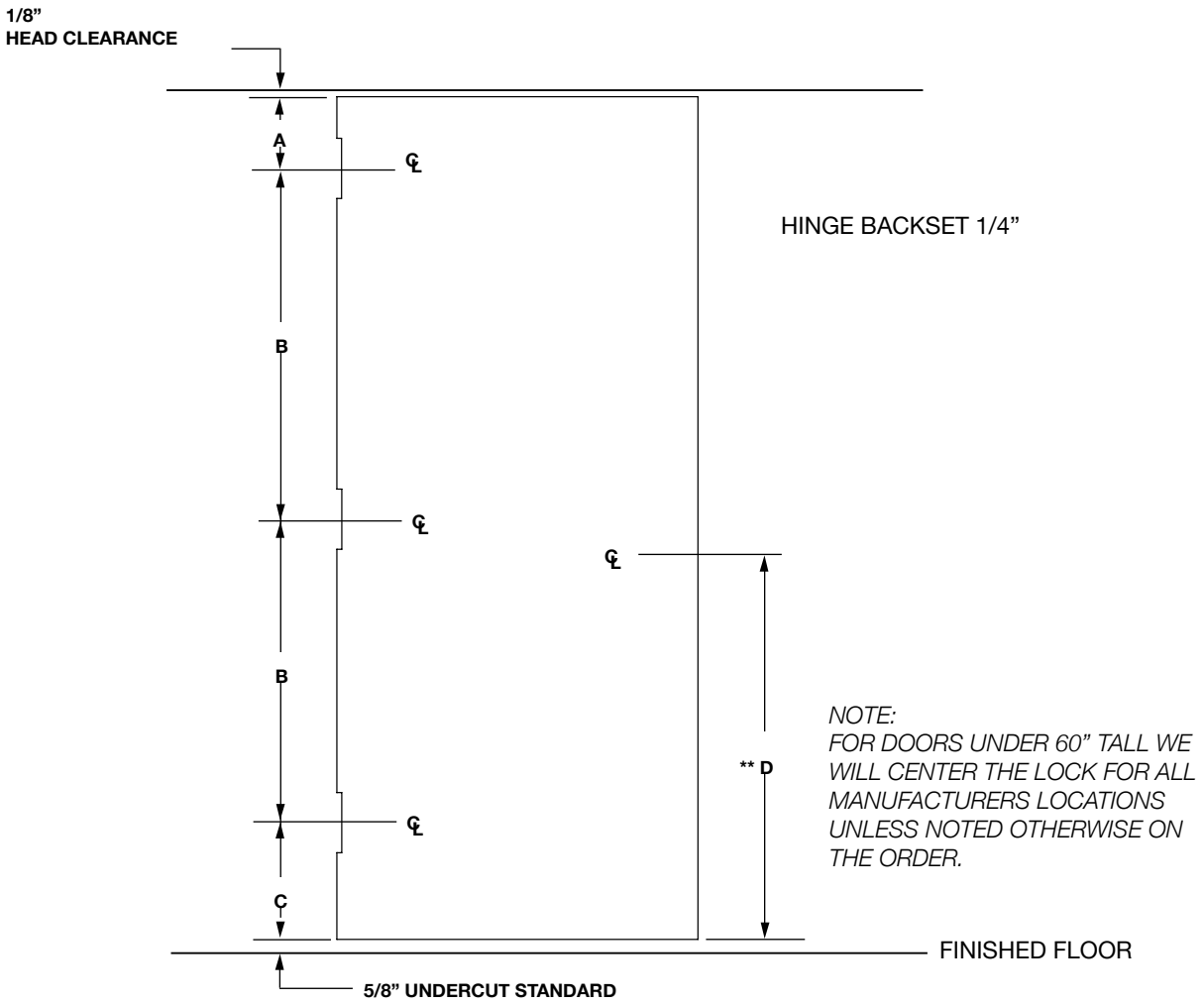
STANDARD LOCATIONS FOR 1-3/4” DOORS

SIZE	A	B	C	D
6’8”	7-1/8”	30-1/4”	11-5/8”	39-3/8”
6’10”	7-1/8”	31-1/4”	11-5/8”	39-3/8”
7’0”	7-1/8”	32-1/4”	11-5/8”	39-3/8”
7’2”	7-1/8”	33-1/4”	11-5/8”	39-3/8”
7’4”	7-1/8”	34-1/4”	11-5/8”	39-3/8”
7’6”	7-1/8”	35-1/4”	11-5/8”	39-3/8”
7’8”	7-1/8”	36-1/4”	11-5/8”	39-3/8”
7’10”	7-1/8”	37-1/4”	11-5/8”	39-3/8”
8’0”	7-1/8”	38-1/4”	11-5/8”	39-3/8”
9’0”	7-1/8”	44-1/4”	11-5/8”	39-3/8”
10’0”	7-1/8”	50-1/4”	11-5/8”	39-3/8”

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

** *DIMENSION SHOWN IS FOR LOCKS WITH A COMMON ℄ ON LOCK AND STRIKE. (EXAMPLE–CYLINDRICAL LOCK)*

THREE HINGES



NOTE:
FOR DOORS UNDER 60” TALL WE WILL CENTER THE LOCK FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

STANDARD LOCATIONS FOR 1-3/4” DOORS

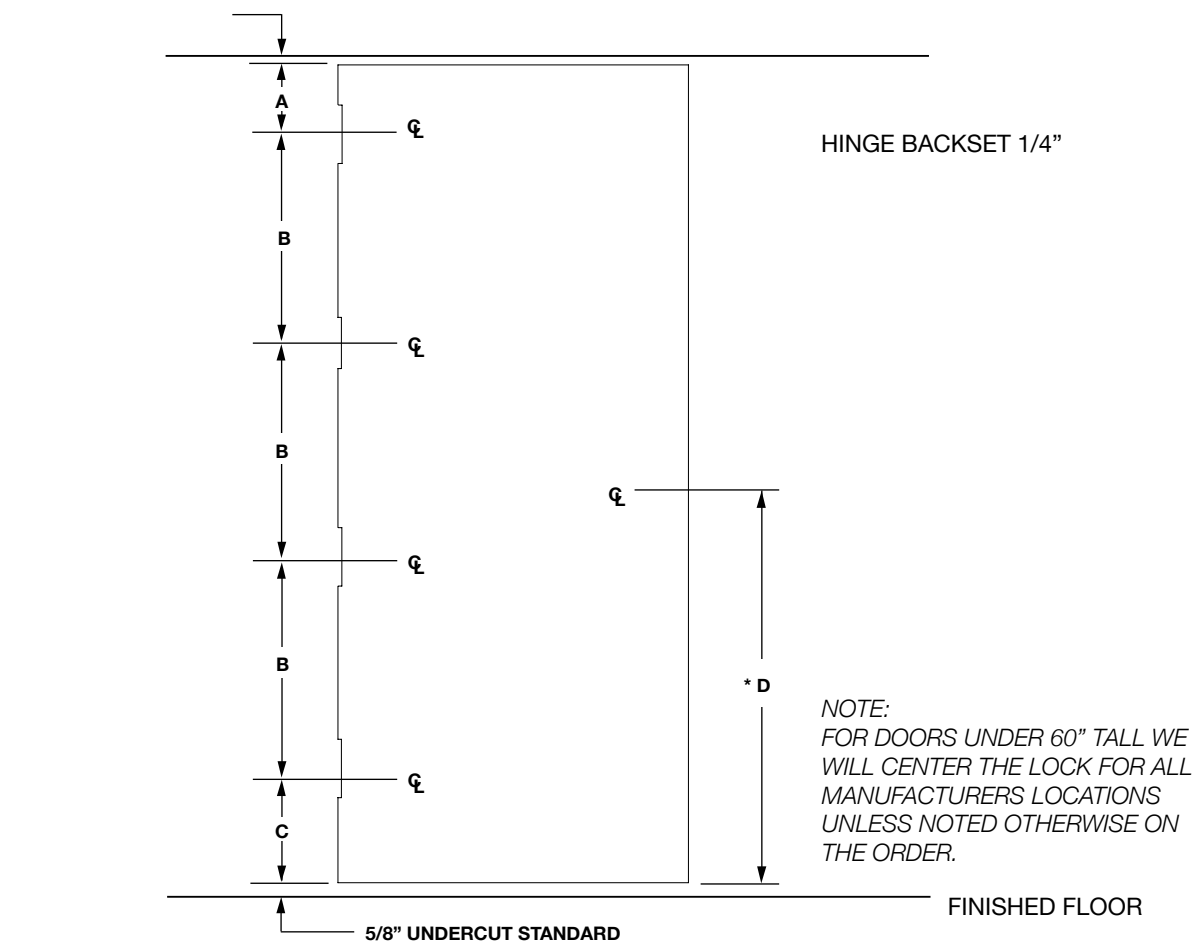
(L)

SIZE	A	B	C	D
6’8”	7-1/8”	20-1/8”	11-3/4”	39-3/8”
6’10”	7-1/8”	20-7/8”	11-1/2”	39-3/8”
7’0”	7-1/8”	21-1/2”	11-5/8”	39-3/8”
7’2”	7-1/8”	22-1/8”	11-3/4”	39-3/8”
7’4”	7-1/8”	22-7/8”	11-1/2”	39-3/8”
7’6”	7-1/8”	23-1/2”	11-5/8”	39-3/8”
7’8”	7-1/8”	24-1/8”	11-3/4”	39-3/8”
7’10”	7-1/8”	24-7/8”	11-1/2”	39-3/8”
8’0”	7-1/8”	25-1/2”	11-5/8”	39-3/8”
9’0”	7-1/8”	29-1/2”	11-5/8”	39-3/8”
10’0”	7-1/8”	33-1/2”	11-5/8”	39-3/8”

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

** DIMENSION SHOWN IS FOR LOCKS WITH A COMMON℄ ON LOCK AND STRIKE. (EXAMPLE–CYLINDRICAL LOCK)*

FOUR HINGES



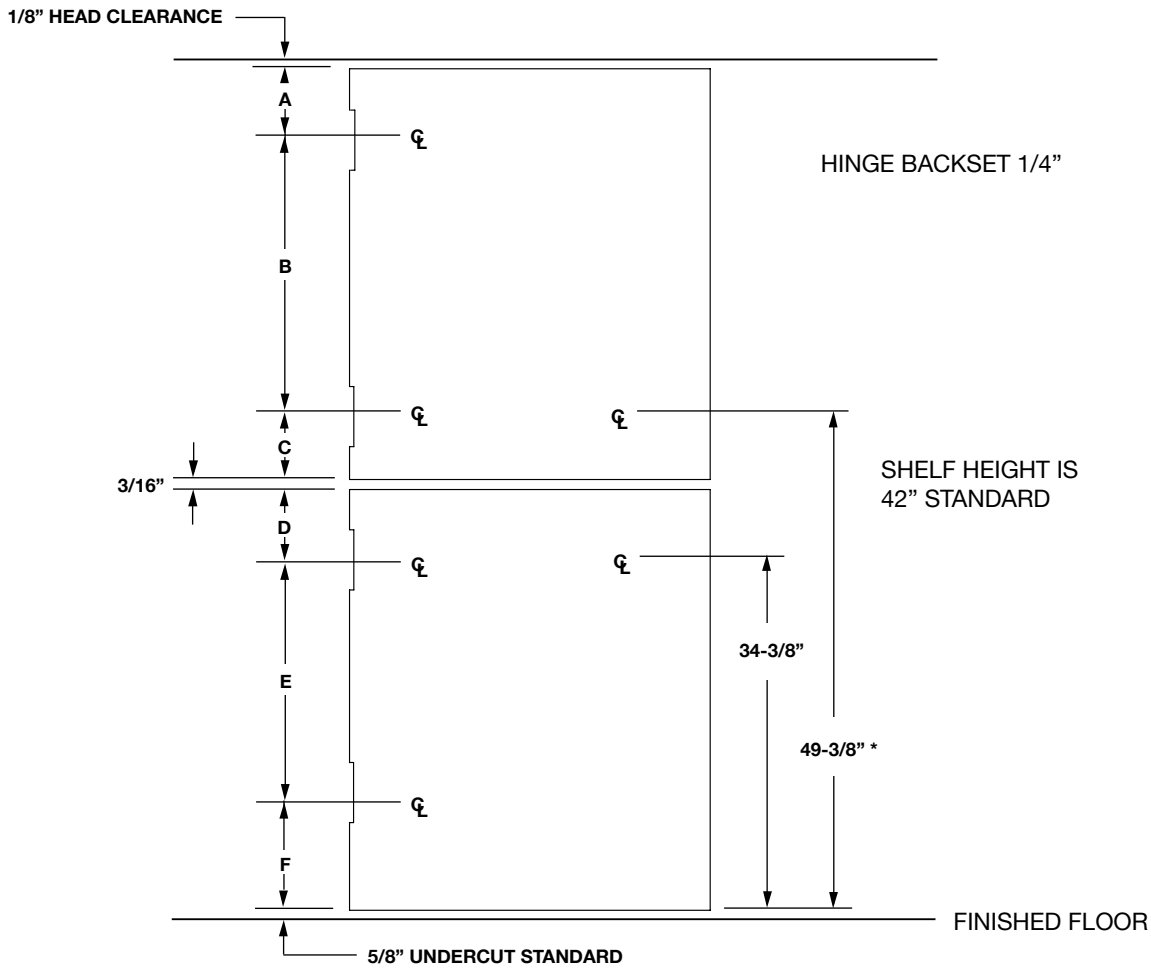
STANDARD LOCATIONS FOR 1-3/4" DUTCH DOORS

SIZE	A	B	C	D	E	F
6'8"	7-1/8"	24-1/4"	6-5/16"	7"	22-3/4"	11-5/8"
6'10"	7-1/8"	26-1/4"	6-5/16"	7"	22-3/4"	11-5/8"
7'0"	7-1/8"	28-1/4"	6-5/16"	7"	22-3/4"	11-5/8"
7'2"	7-1/8"	30-1/4"	6-5/16"	7"	22-3/4"	11-5/8"
7'4"	7-1/8"	29-1/4"	9-5/16"	7"	22-3/4"	11-5/8"
7'6"	7-1/8"	31-1/4"	9-5/16"	7"	22-3/4"	11-5/8"
7'8"	7-1/8"	33-1/4"	9-5/16"	7"	22-3/4"	11-5/8"
7'10"	7-1/8"	35-1/4"	9-5/16"	7"	22-3/4"	11-5/8"
8'0"	7-1/8"	37-1/4"	9-5/16"	7"	22-3/4"	11-5/8"

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

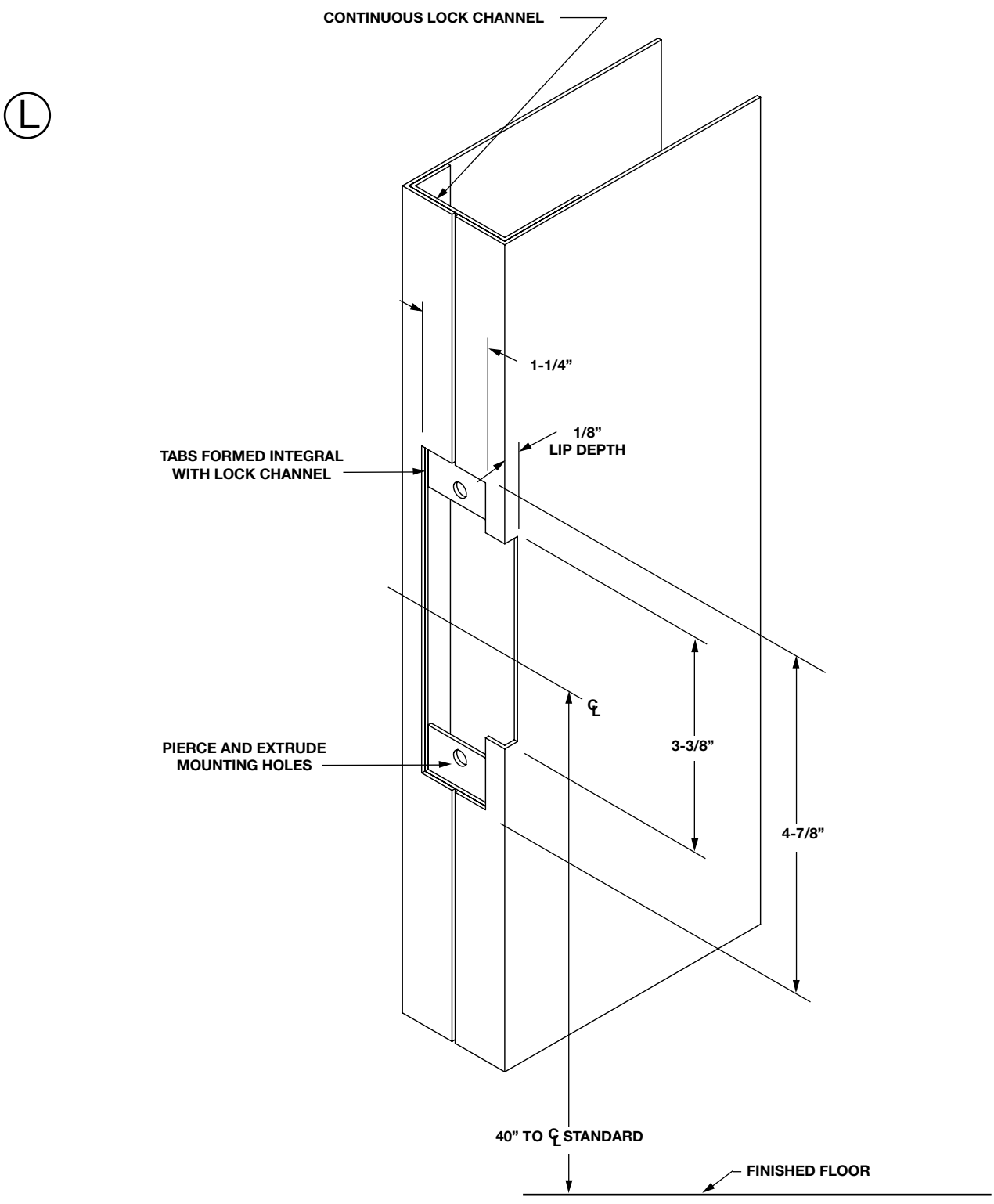
** DIMENSION SHOWN IS FOR LOCKS WITH A COMMON ℄ ON LOCK AND STRIKE. (EXAMPLE–CYLINDRICAL LOCK)*

FOUR HINGES



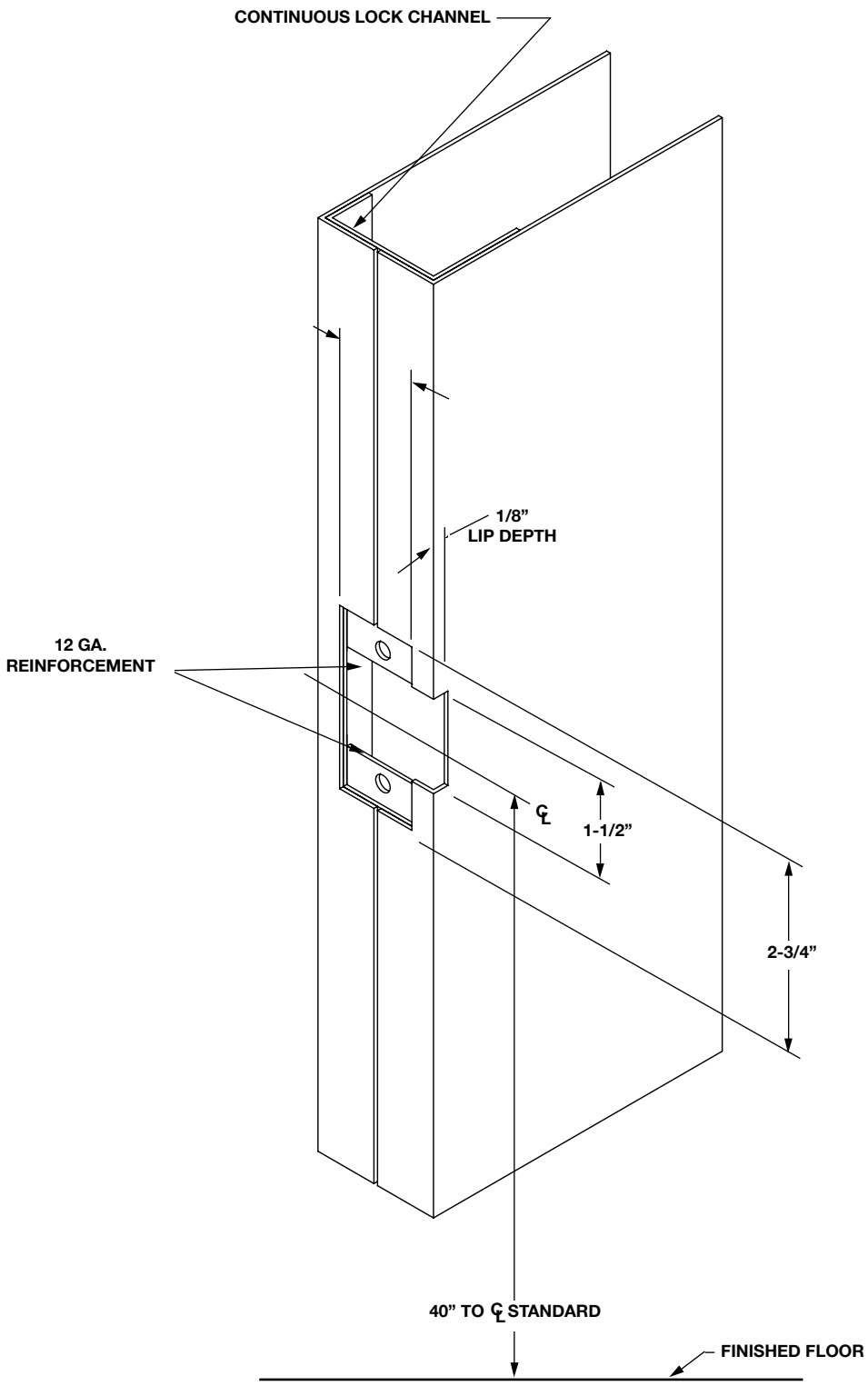
** PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED.*
48" CL IS NOT PRACTICAL WITH SOME DEADLOCKS.

E1 ANSI STRIKE PREPARATION IN INACTIVE LEAF

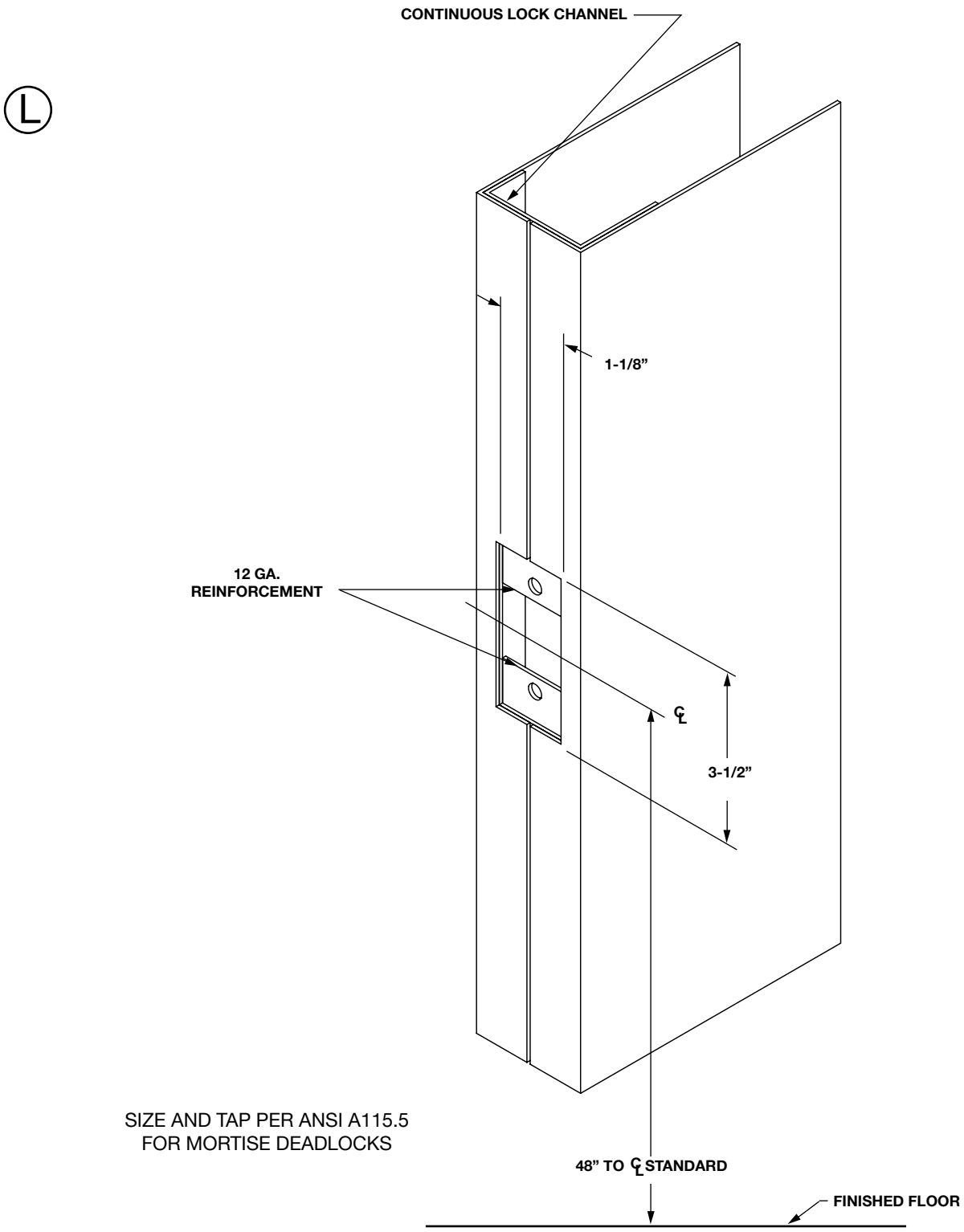


NOTES
1. MORTISE AND TAP PER ANSI/BHMA A156.115
2. REINFORCED IN ACCORDANCE WITH ANSI A250.6

E2 STRIKE PREPARATION IN INACTIVE LEAF



E3 ANSI DEADLOCK STRIKE PREPARATION IN INACTIVE LEAF



SIZE AND TAP PER ANSI A115.5
FOR MORTISE DEADLOCKS

E4 STRIKE PREPARATION IN INACTIVE LEAF

BACK

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INTRODUCTION
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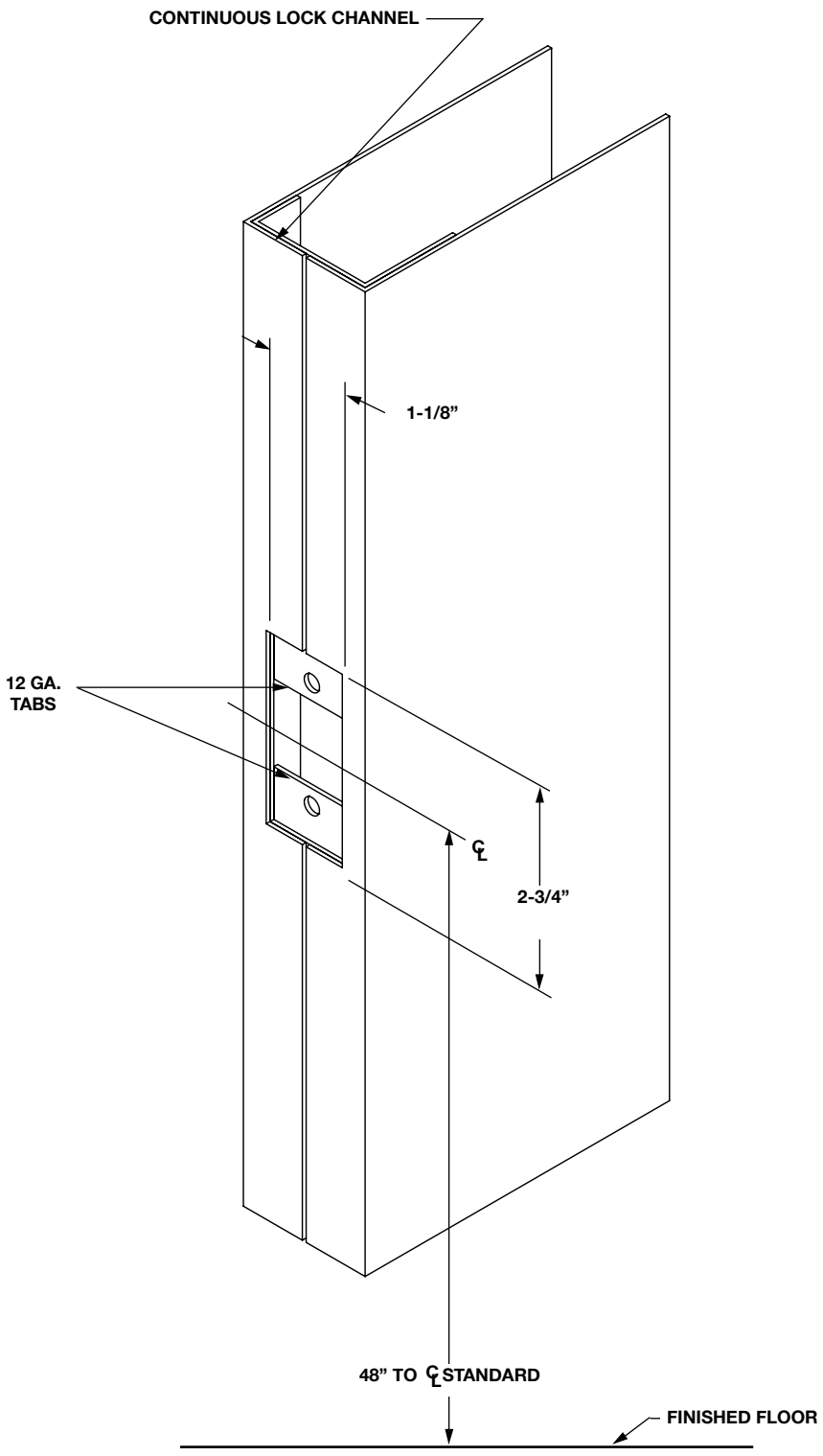
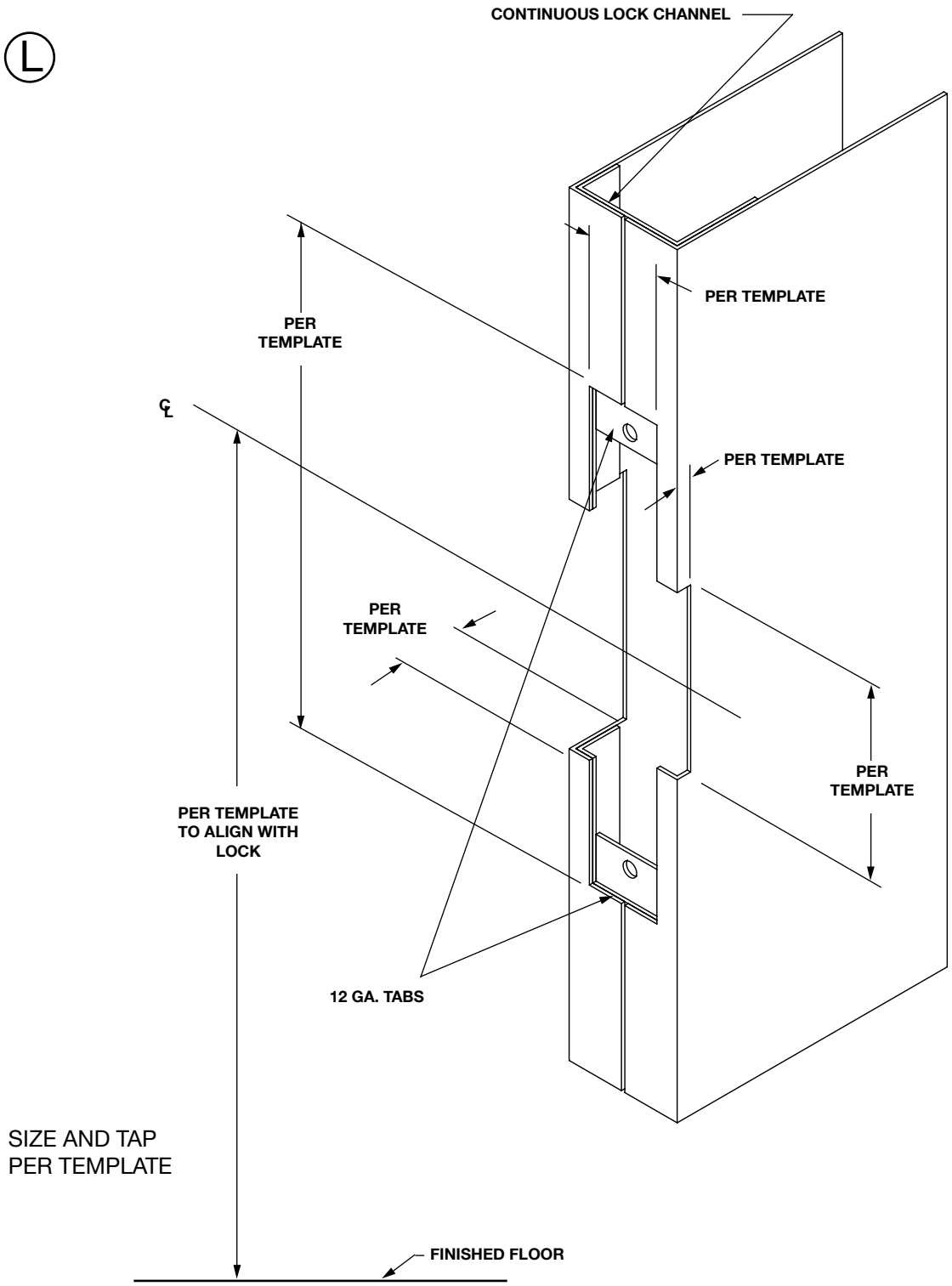
FRAMES
FIRE RATED
DOORS
WINDSTORM
SPECIALTY

Ⓛ



OPEN BACK STRIKE (SOB)

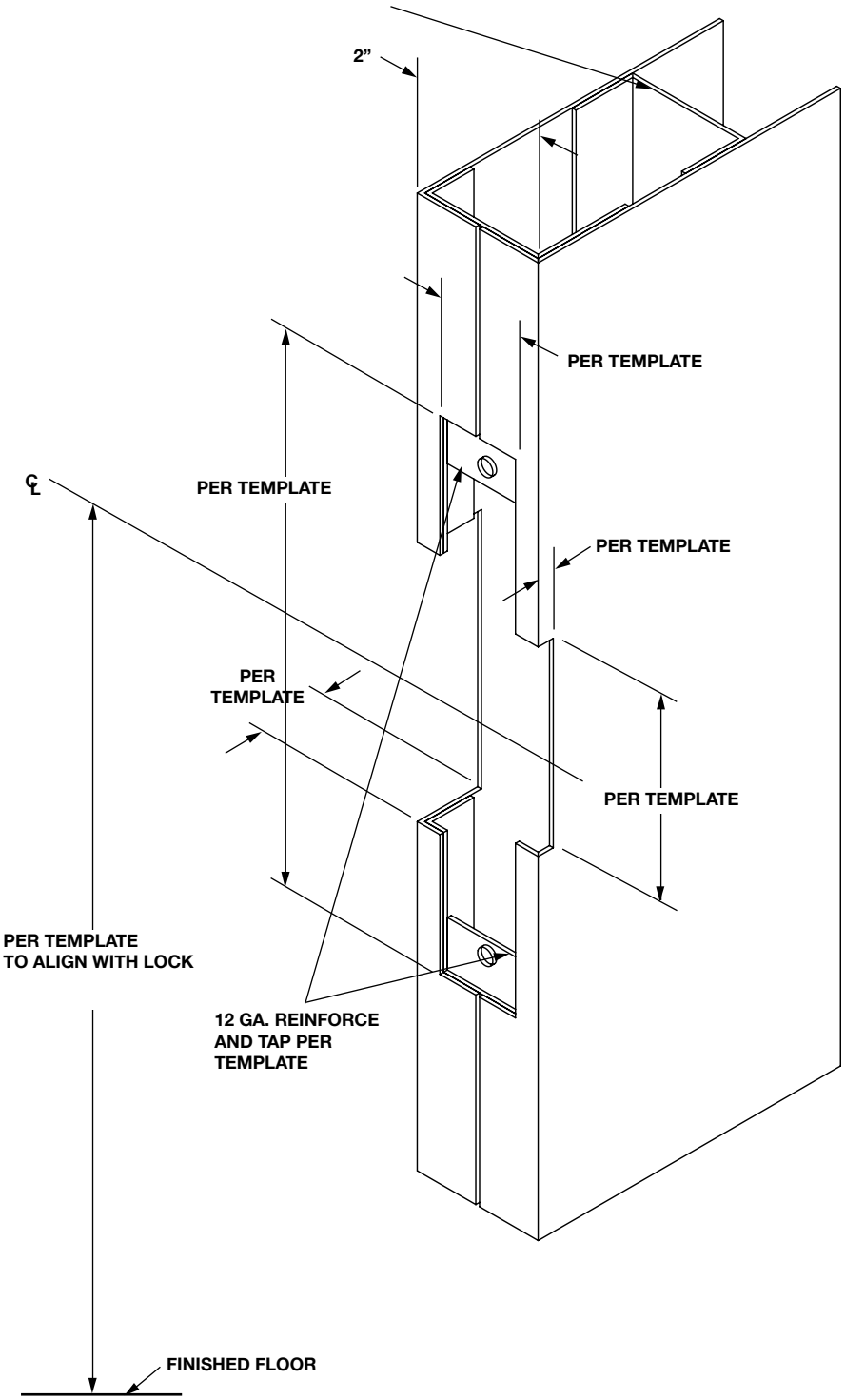


SIZE AND TAP
PER TEMPLATE

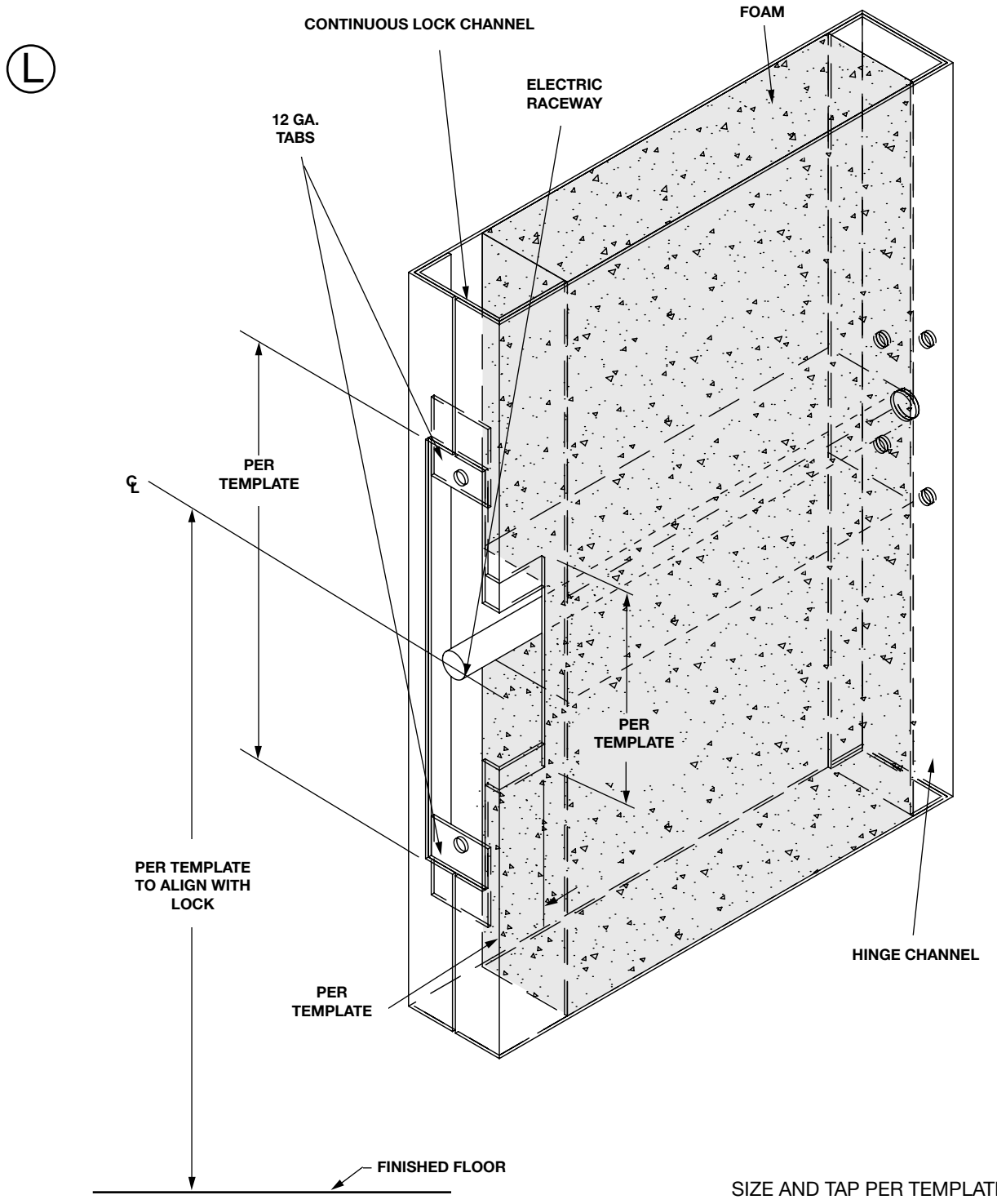
857 SECURITY DOOR OPEN BACK STRIKE (SOB)

2" DOOR

ADDITIONAL REINFORCEMENT INSTALLED IF LIP DEPTH IS LONGER THAN LOCK CHANNEL LEG.

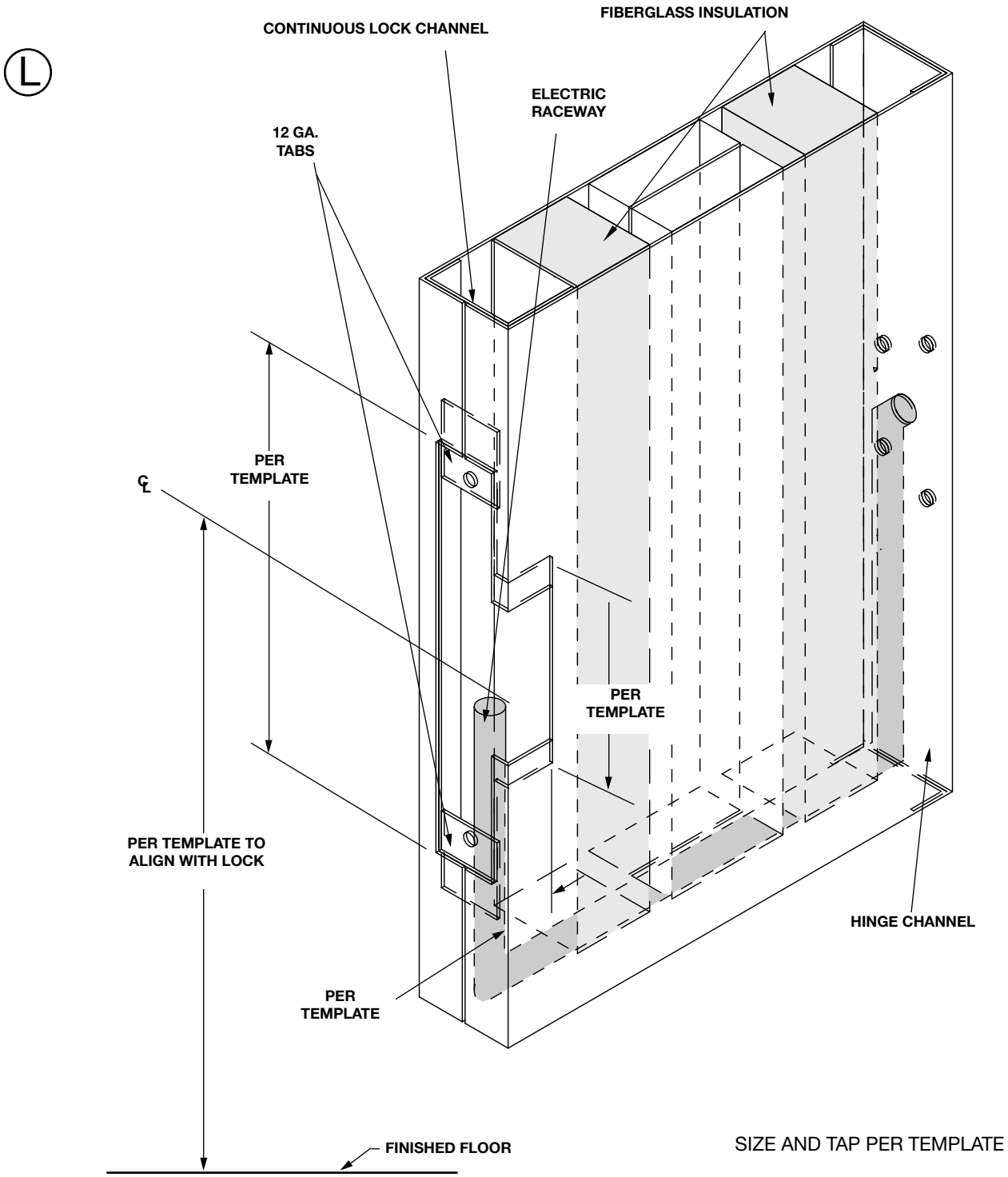


DOOR ELECTRIC STRIKE (E9)



SIZE AND TAP PER TEMPLATE

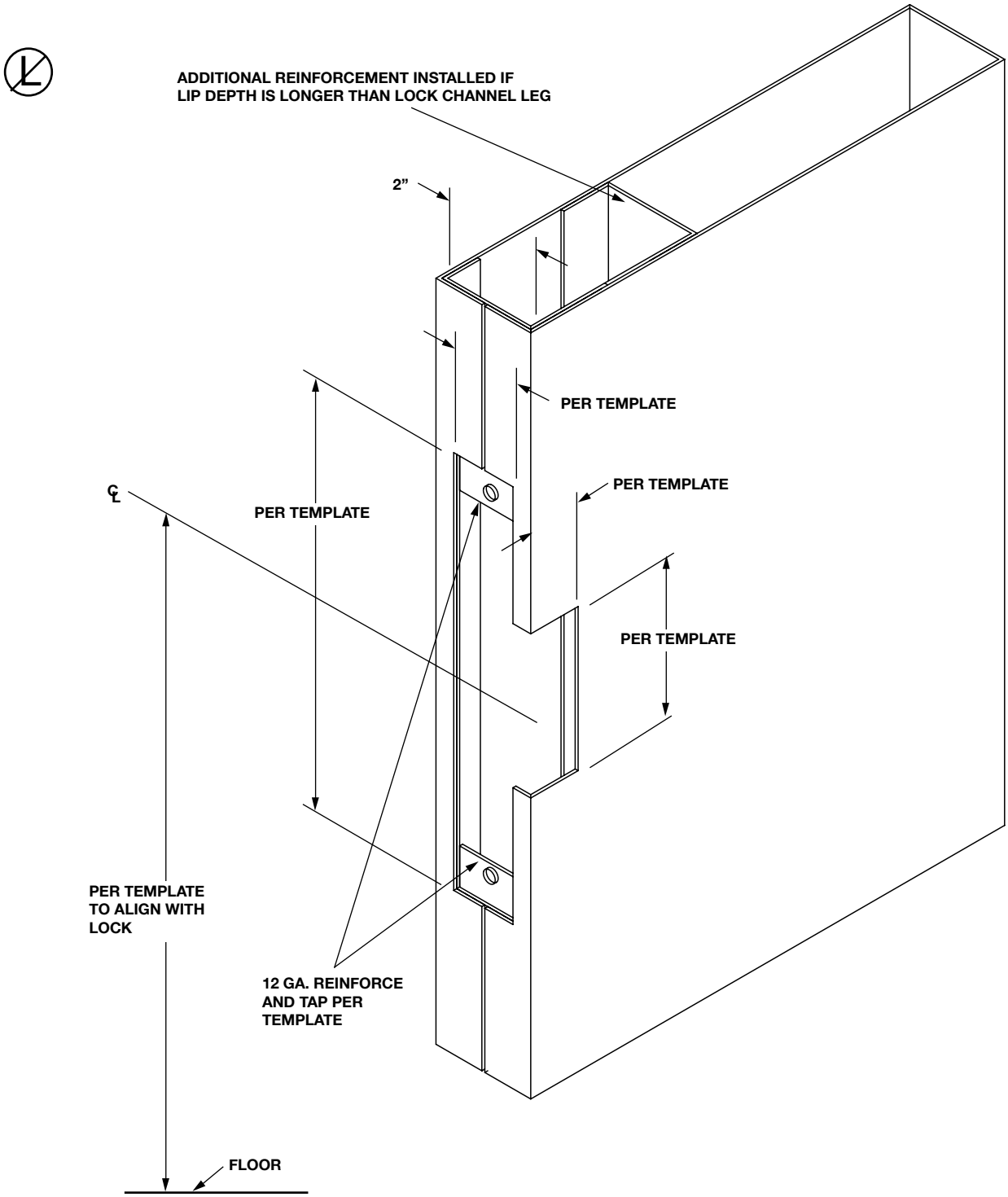
STEEL STIFFENED DOOR ELECTRIC STRIKE (E9)



SIZE AND TAP PER TEMPLATE

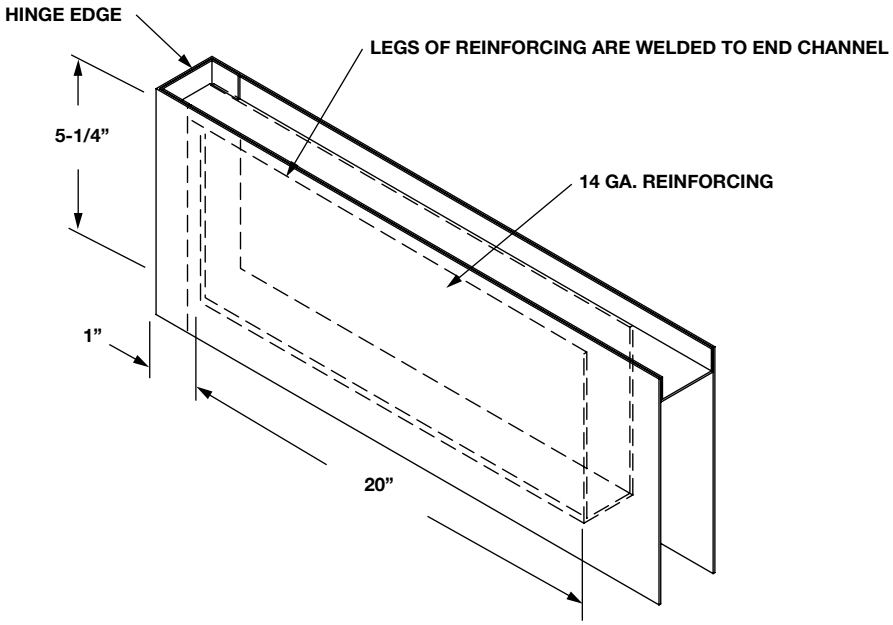
857 E9 SECURITY DOOR ELECTRIC STRIKE

2" DOOR



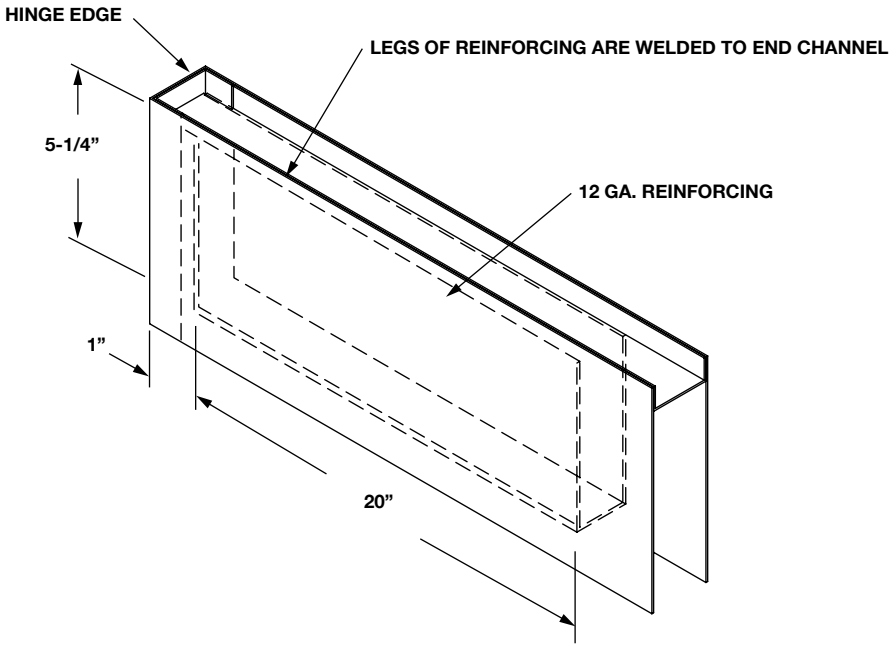
CL STANDARD CLOSER REINFORCEMENT

DOOR SERIES 607, 707, 727 737, 747

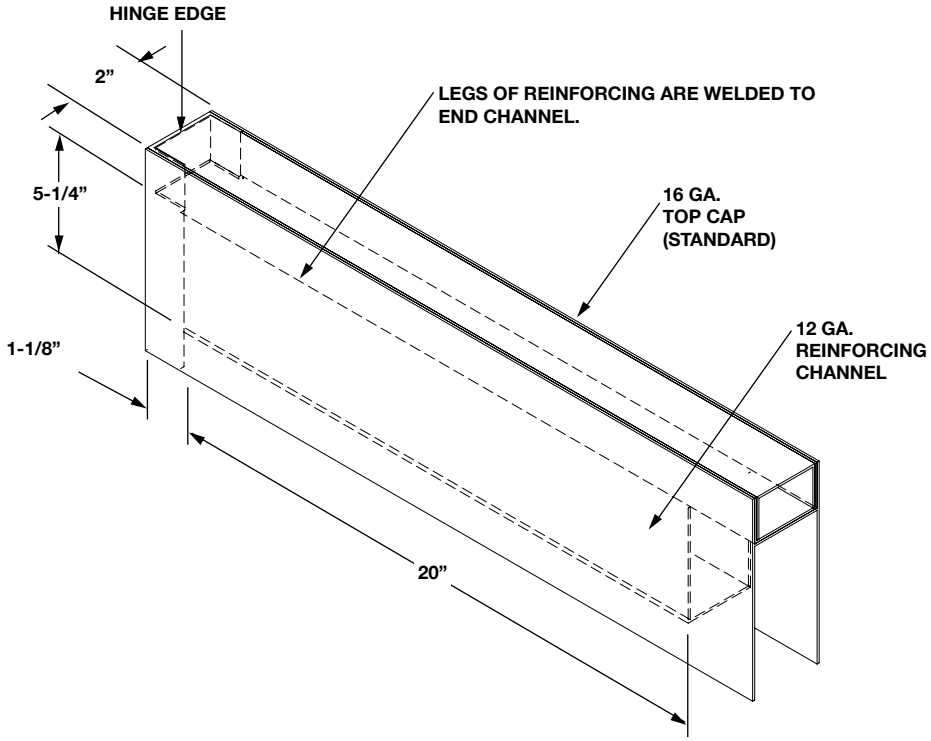


C2 OPTIONAL CLOSER REINFORCEMENT

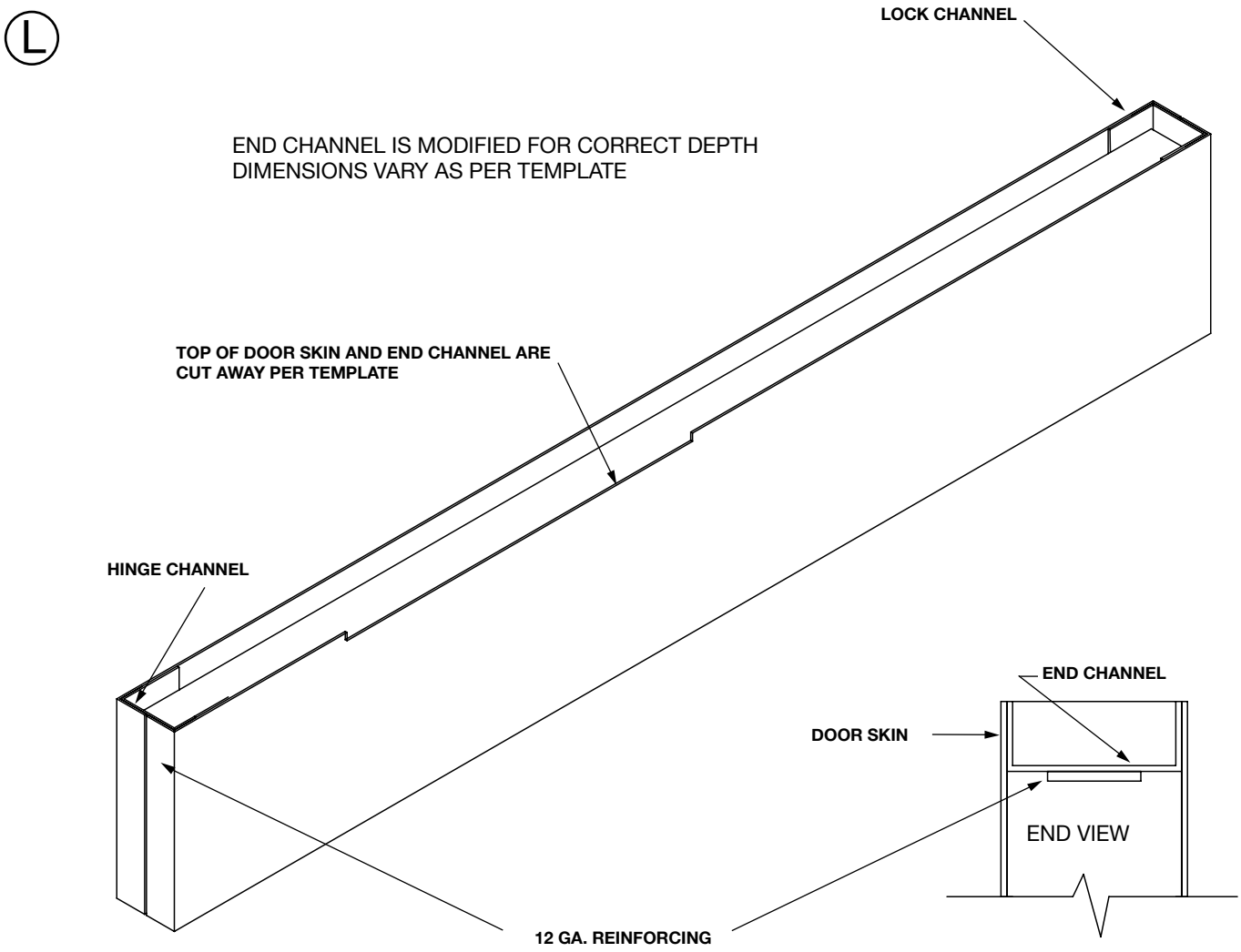
12 GAUGE OPTION DOOR SERIES 707, 727 737, 747



857 STANDARD SURFACE CLOSER REINFORCEMENT



CONCEALED HOLDER/CLOSER REINFORCEMENT

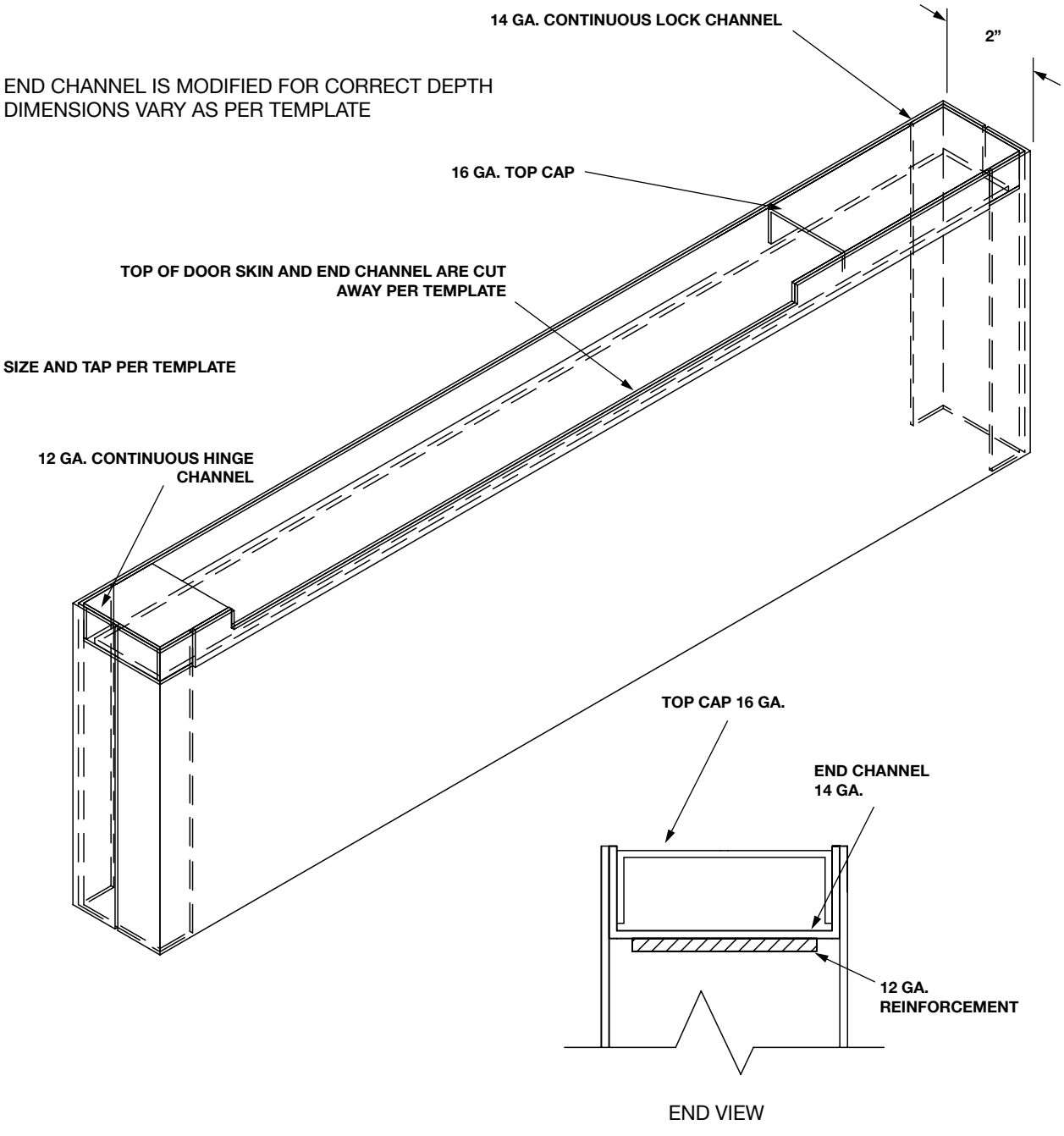


MOUNTING HOLES SHALL BE DRILLED AND TAPPED IN THE FIELD FOR DESIRED HOLD OPEN ANGLE.

857 CONCEALED OVERHEAD STOP REINFORCEMENT

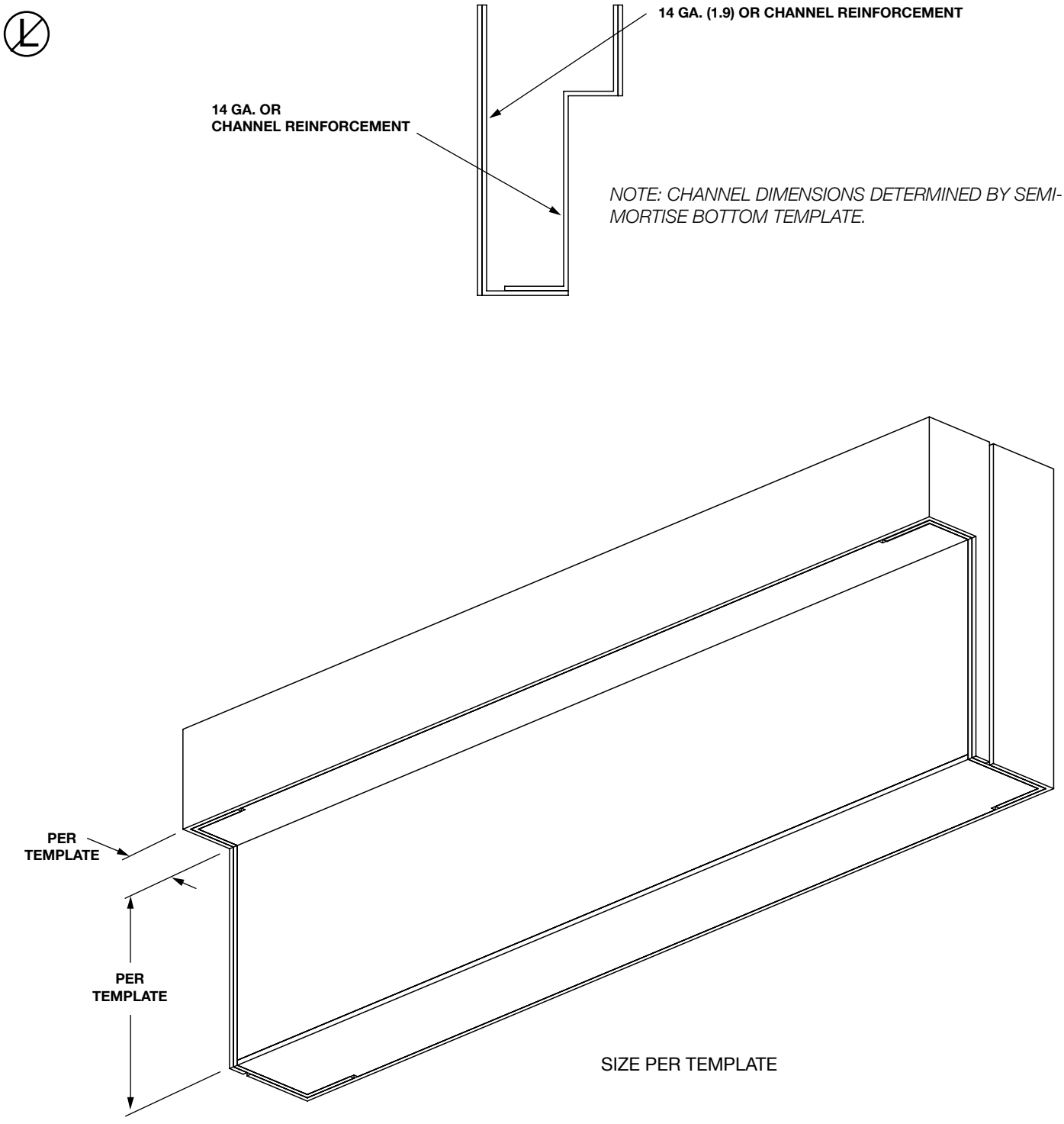
2" DOOR

Ⓛ

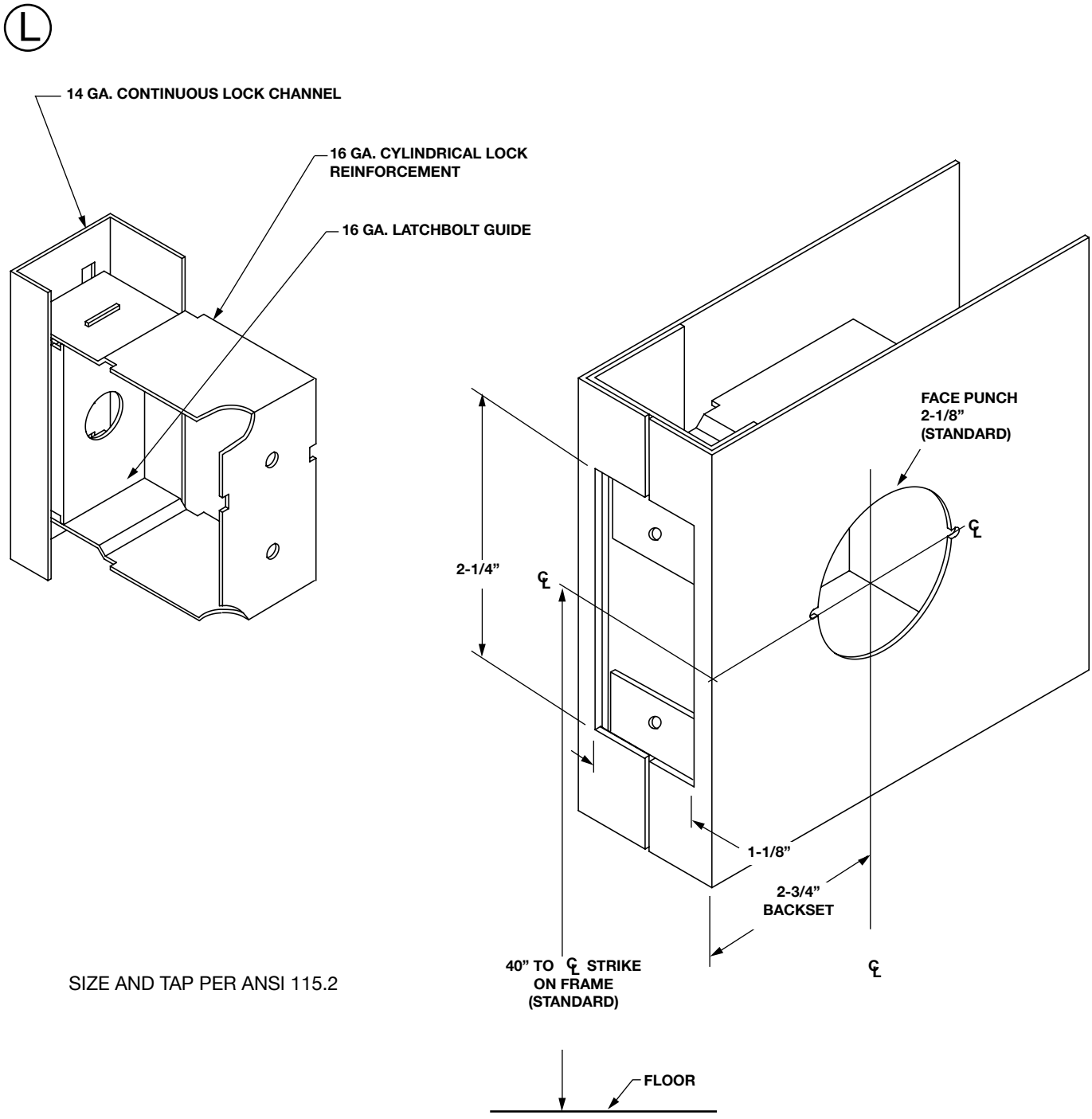


END VIEW

SEMI-MORTISE DOOR BOTTOM PREPARATION

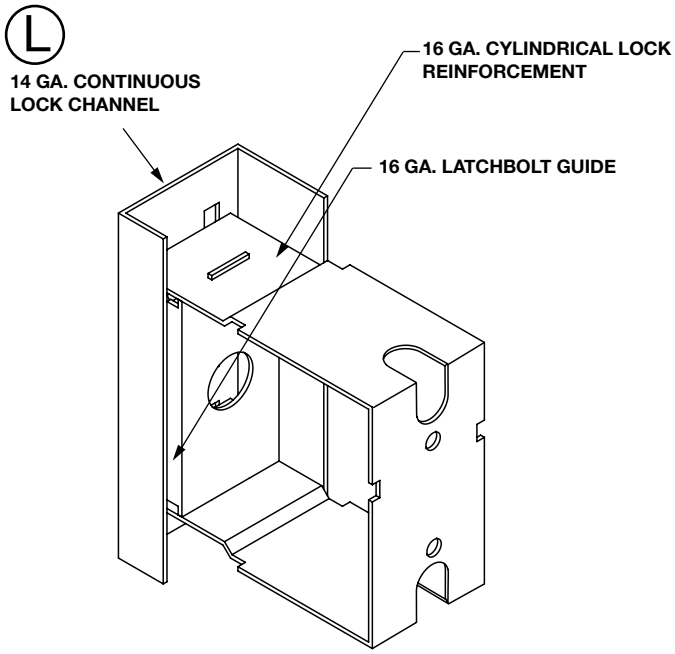


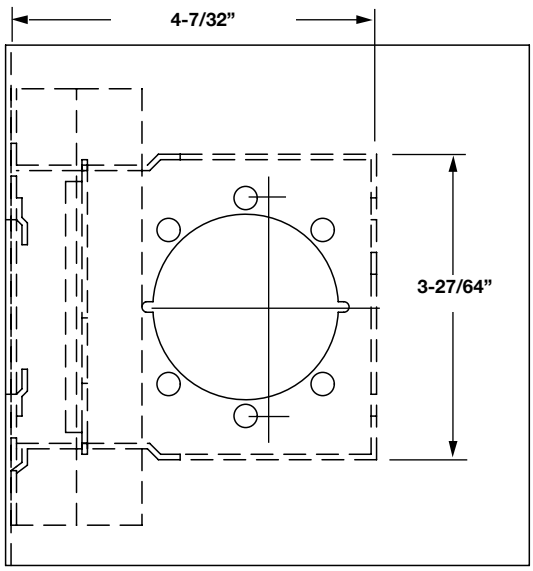
G2 GOVT. 161 REINF. CYLINDRICAL LOCK 1-3/4" DOOR



SIZE AND TAP PER ANSI 115.2

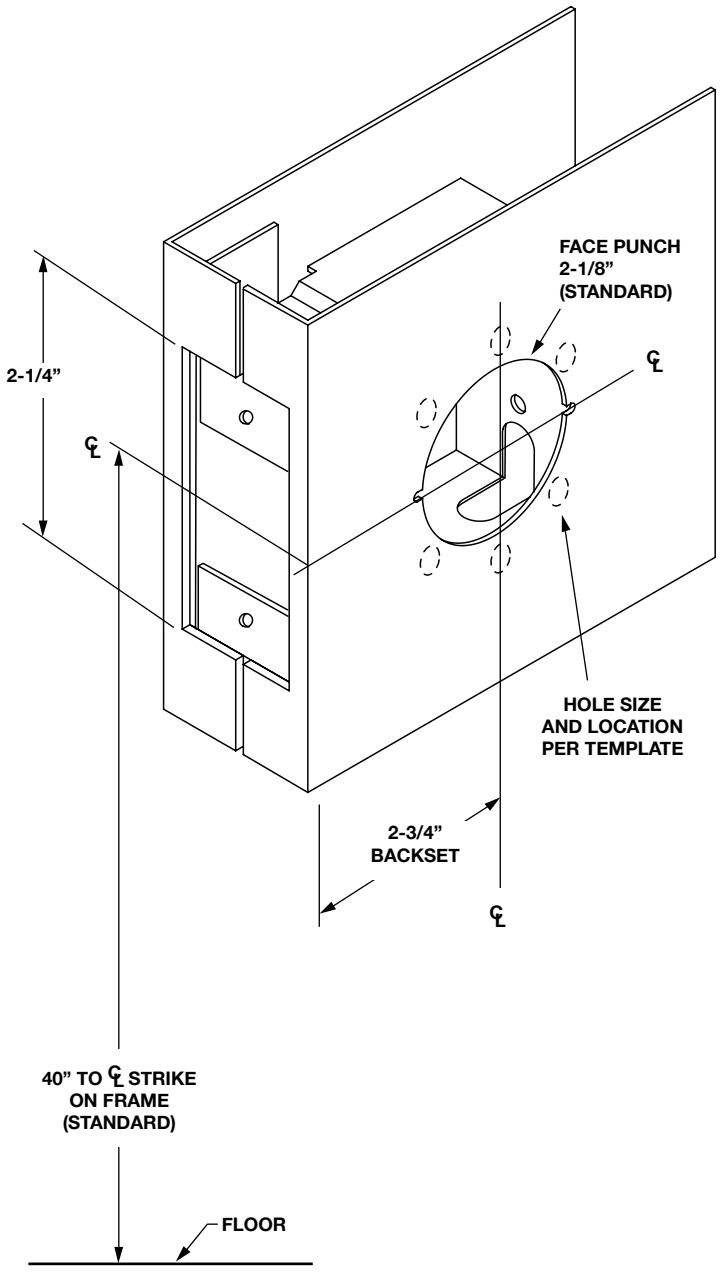
G2A CYLINDRICAL THRU BOLT PREPARATION 1-3/4" DOOR



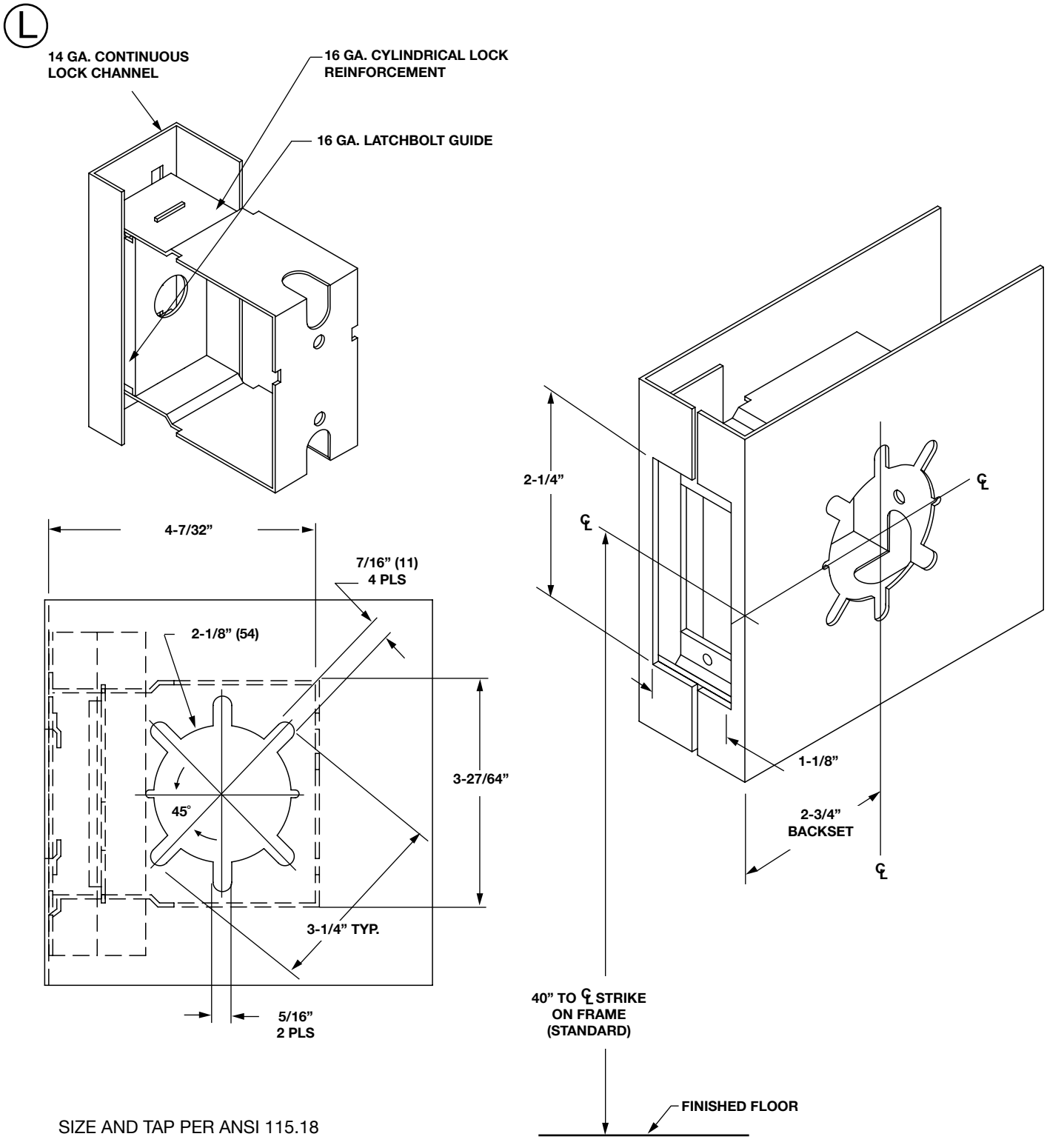


NOTE: LEVER HANDLE LOCKS REQUIRING INDEXING HOLES MUST BE SPECIFIED WHEN ORDERING.

SIZE AND TAP PER ANSI 115.2

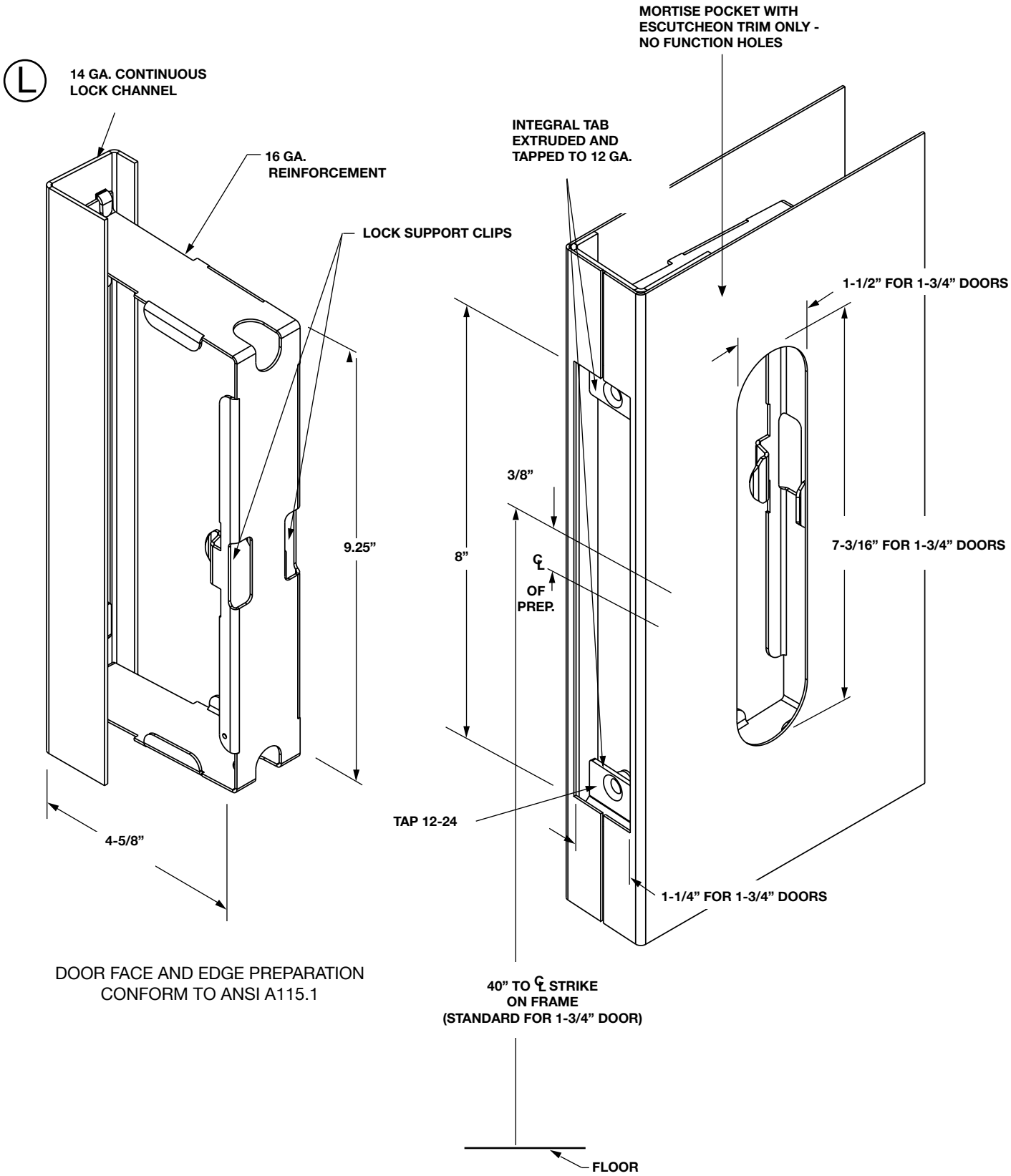


G2B CYLINDRICAL THRU BOLT PREPARATION 1-3/4" DOOR



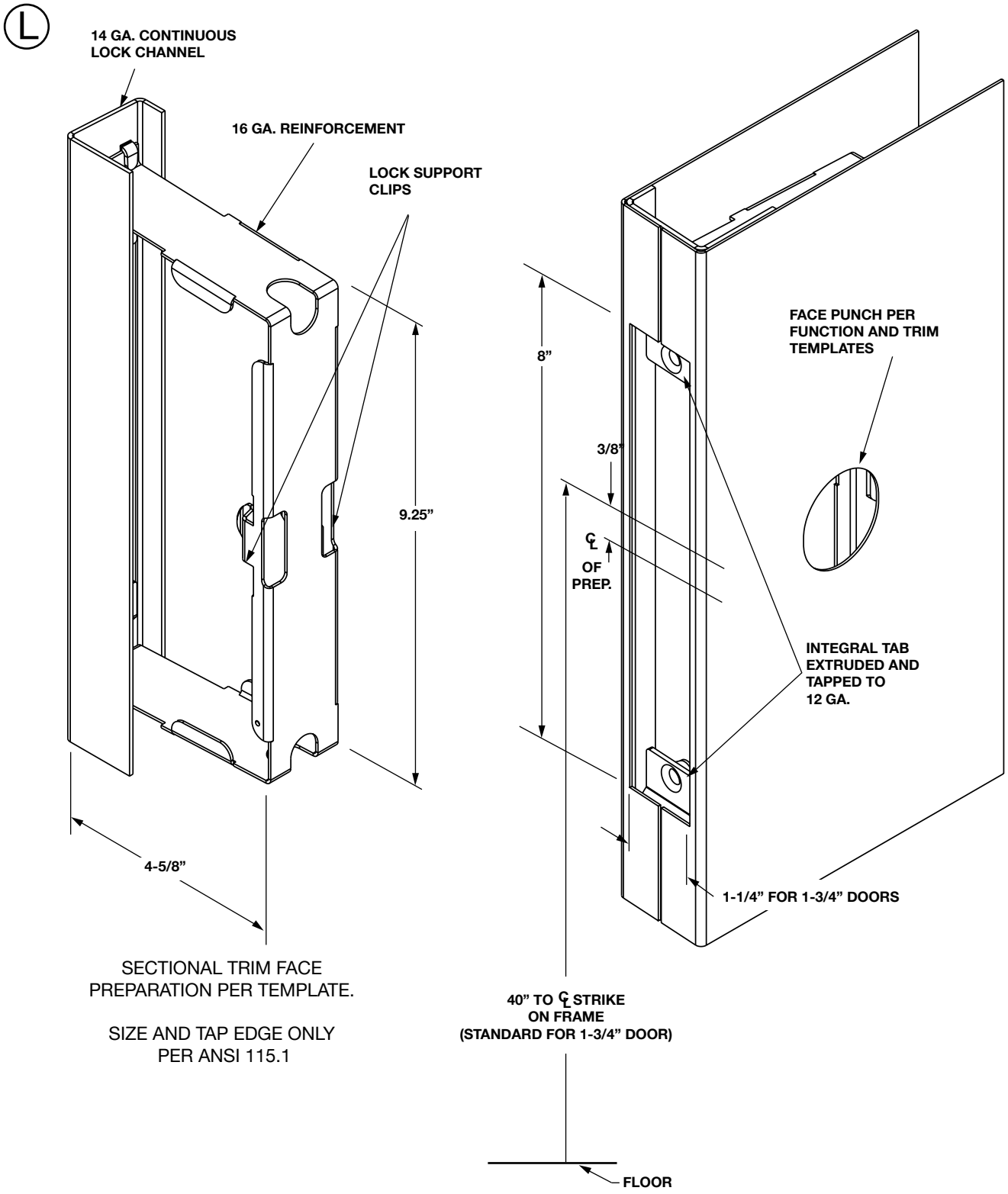
SIZE AND TAP PER ANSI 115.18

G3 GOVT. 86 MORTISE POCKET WITH ESCUTCHEON TRIM ONLY



DOOR FACE AND EDGE PREPARATION
CONFORM TO ANSI A115.1

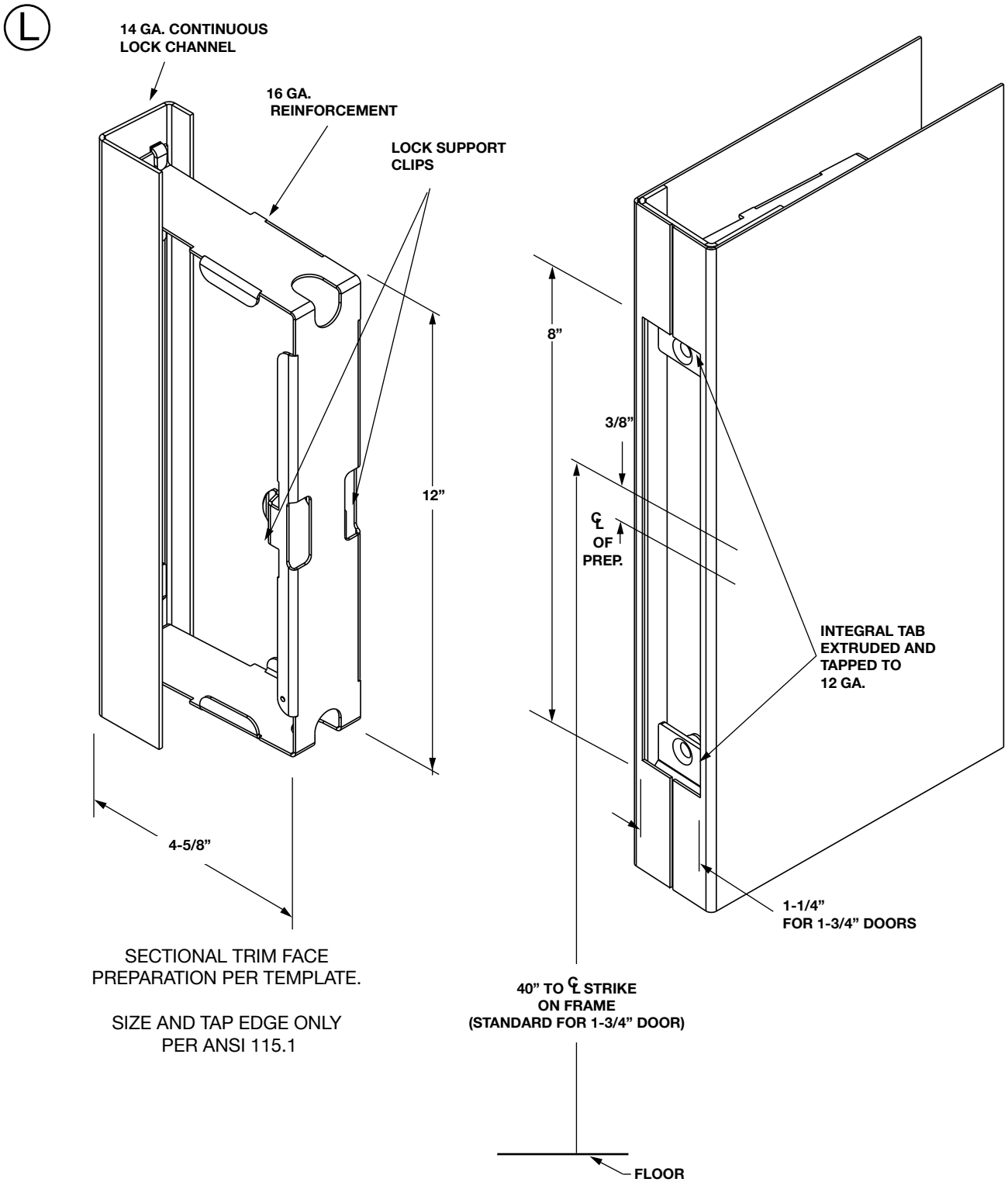
G3A MORTISE LOCK WITH FUNCTION AND TRIM HOLE PREPARATIONS



SECTIONAL TRIM FACE PREPARATION PER TEMPLATE.

SIZE AND TAP EDGE ONLY PER ANSI 115.1

G3AEO EDGE ONLY PREPARATION

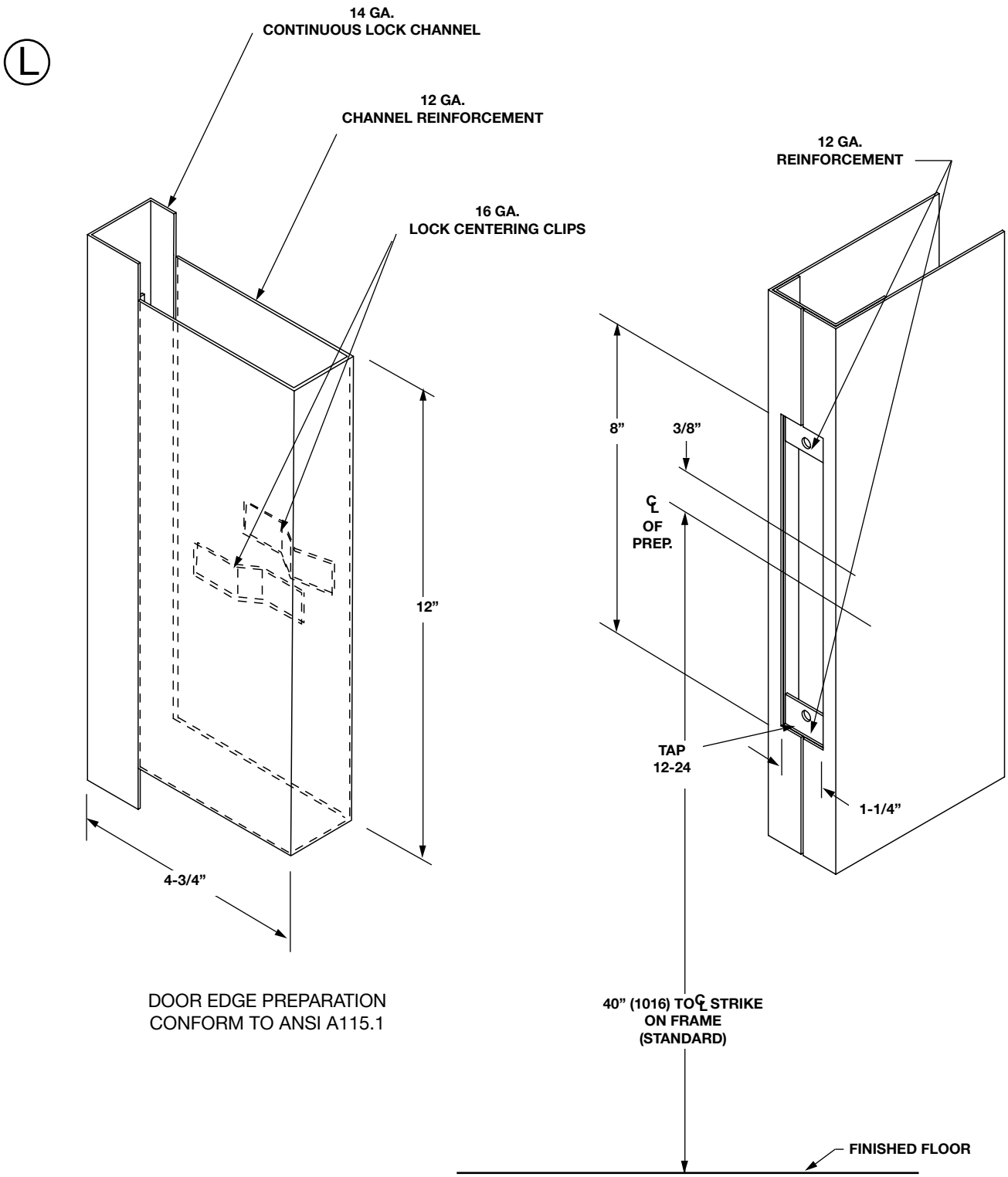


SECTIONAL TRIM FACE PREPARATION PER TEMPLATE.

SIZE AND TAP EDGE ONLY PER ANSI 115.1

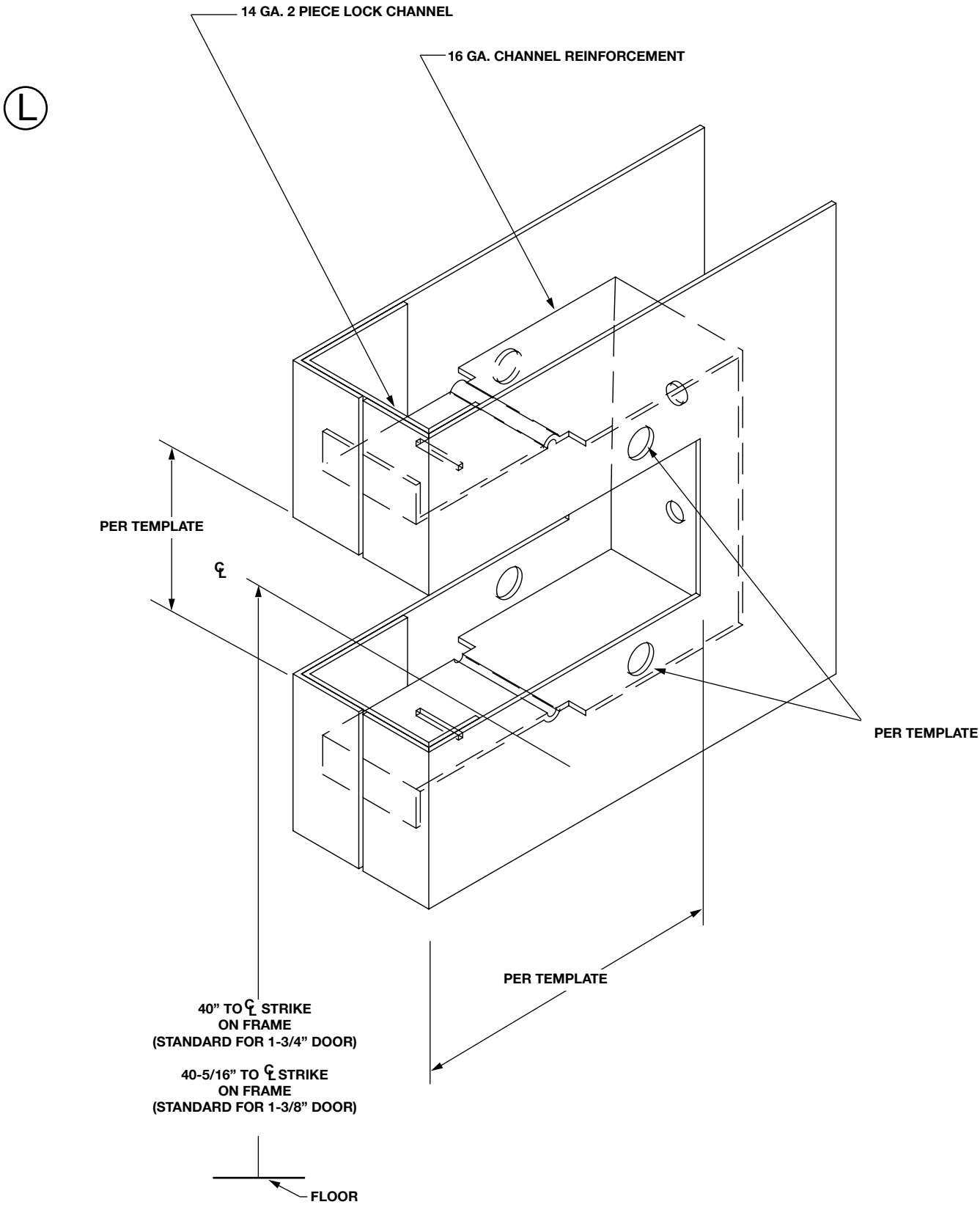
857 G3AEO GOVT. 86 ESCH. TRIM MORTISE LOCK

2" DOOR



DOOR EDGE PREPARATION
CONFORM TO ANSI A115.1

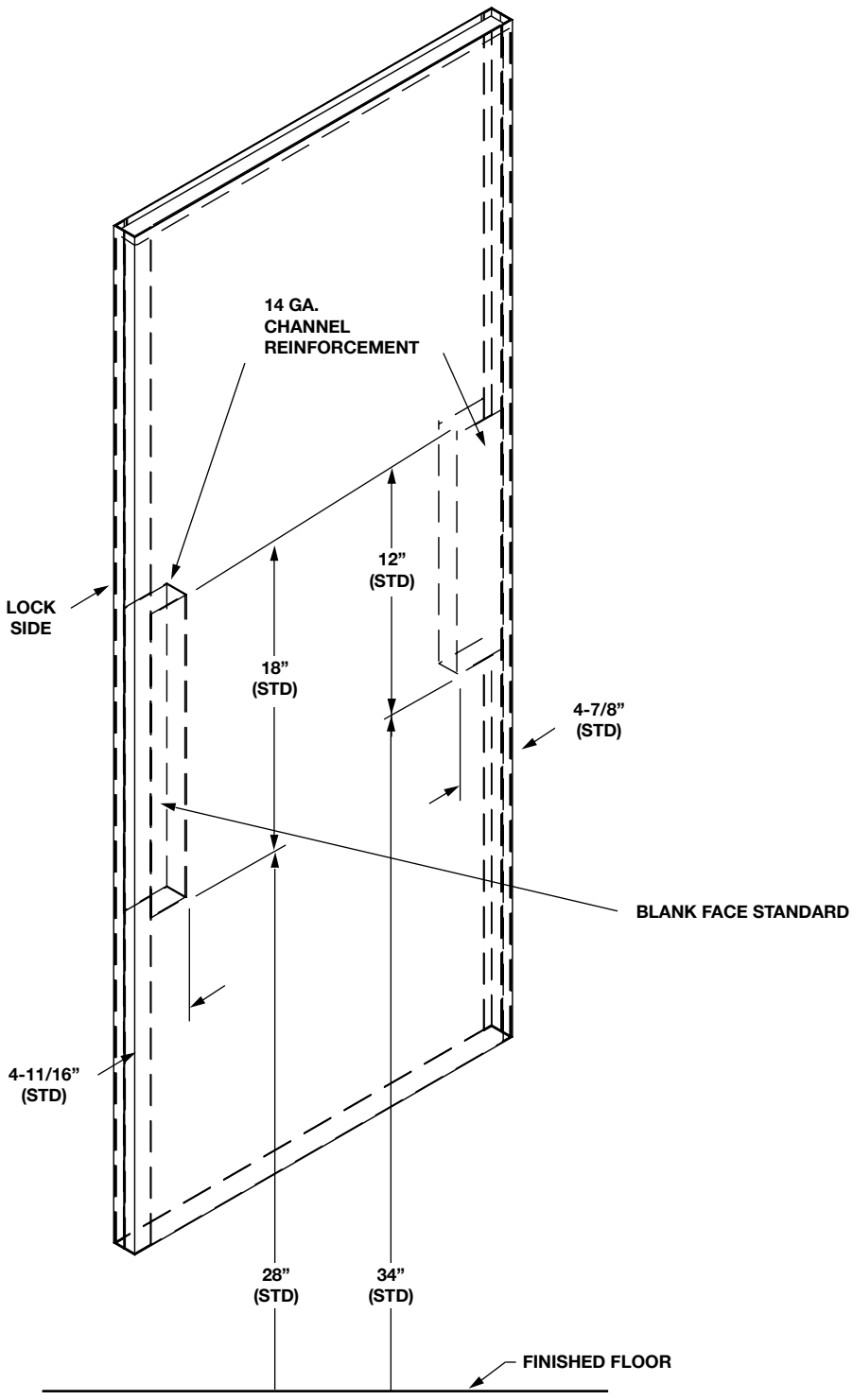
G6 UNIT LOCK REINFORCEMENT



NOTE: SPECIFY HARDWARE MANUFACTURER AND MODEL NUMBER.

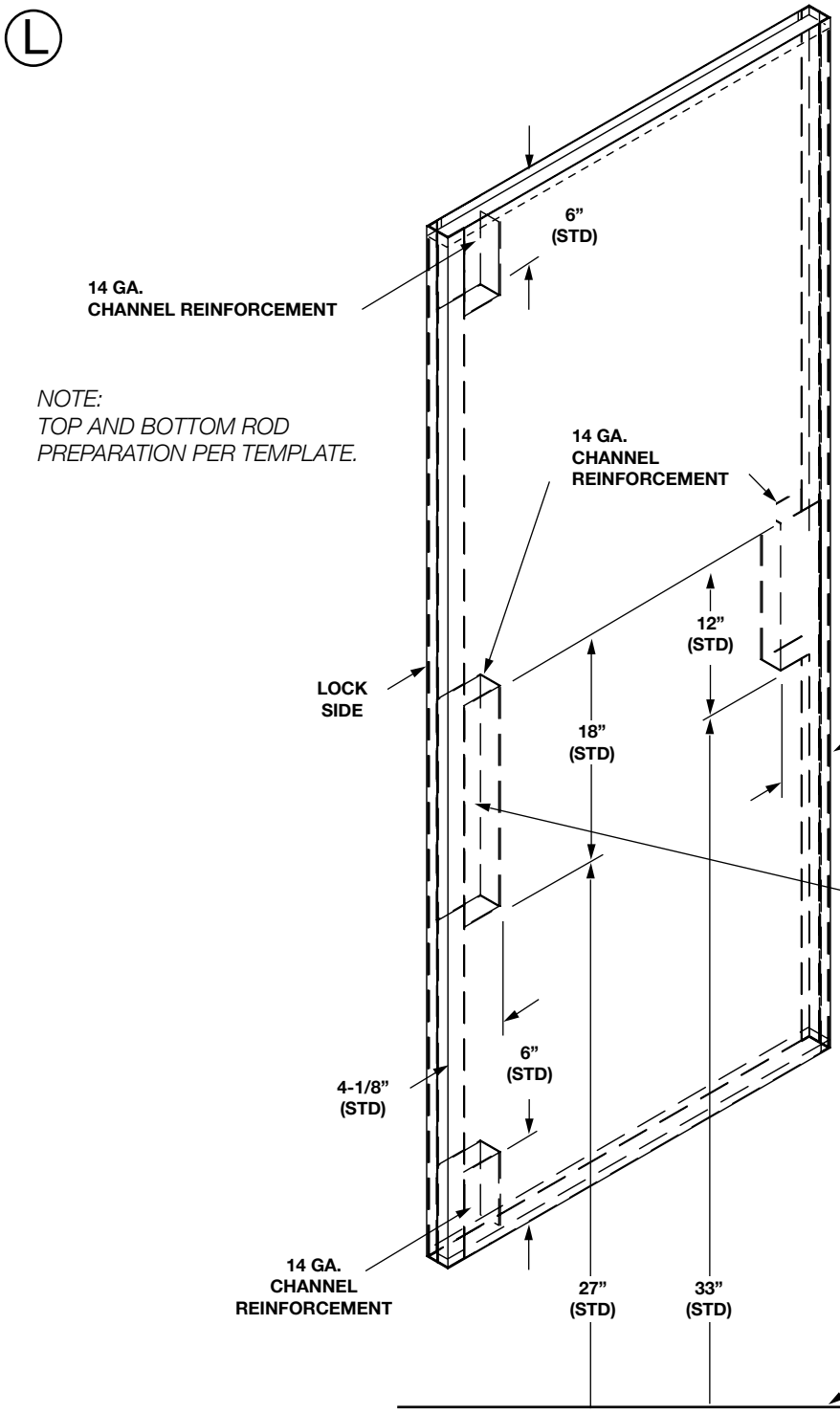
G11 RIM EXIT REINFORCEMENT

Ⓛ



NOTE: FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED.

G11A, G11B, G11C RIM VERTICAL ROD EXIT REINFORCEMENT



NOTE:
TOP AND BOTTOM ROD PREPARATION PER TEMPLATE.

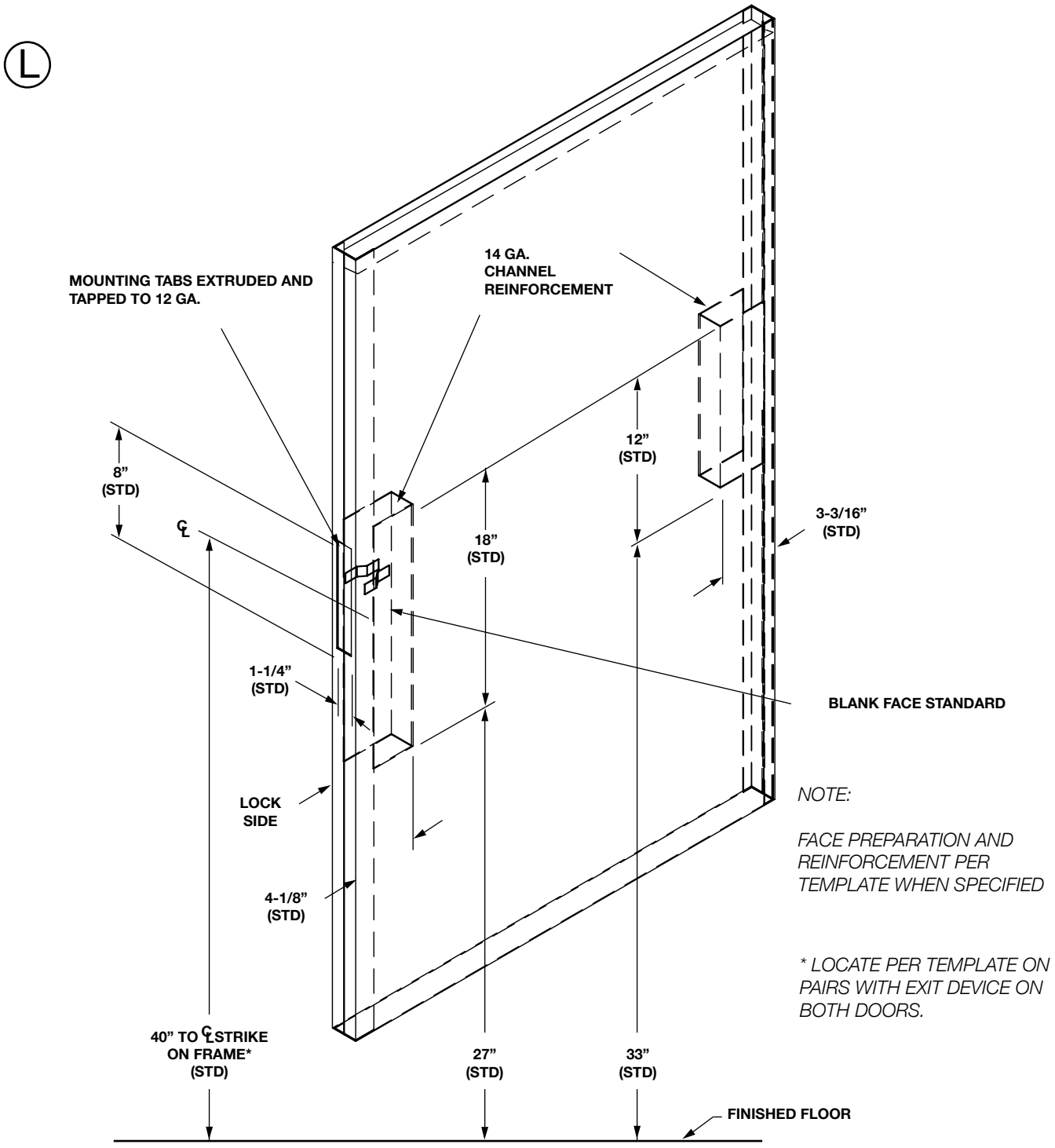
G11B - 3 POINT LATCHING IS REINFORCED THE SAME AS G11A SHOWN

G11C - TOP LATCH ONLY. BOTTOM LOCK SIDE REINFORCING CHANNEL IS OMITTED.

FIRE PLUNGER REQUIRED FOR LABEL.

NOTE:
FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED.

G12 MORTISE EXIT REINFORCEMENT



NOTE:

FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED

** LOCATE PER TEMPLATE ON PAIRS WITH EXIT DEVICE ON BOTH DOORS.*

G12A, G12B, G12C CONCEALED VERTICAL ROD

BACK

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INTRODUCTION
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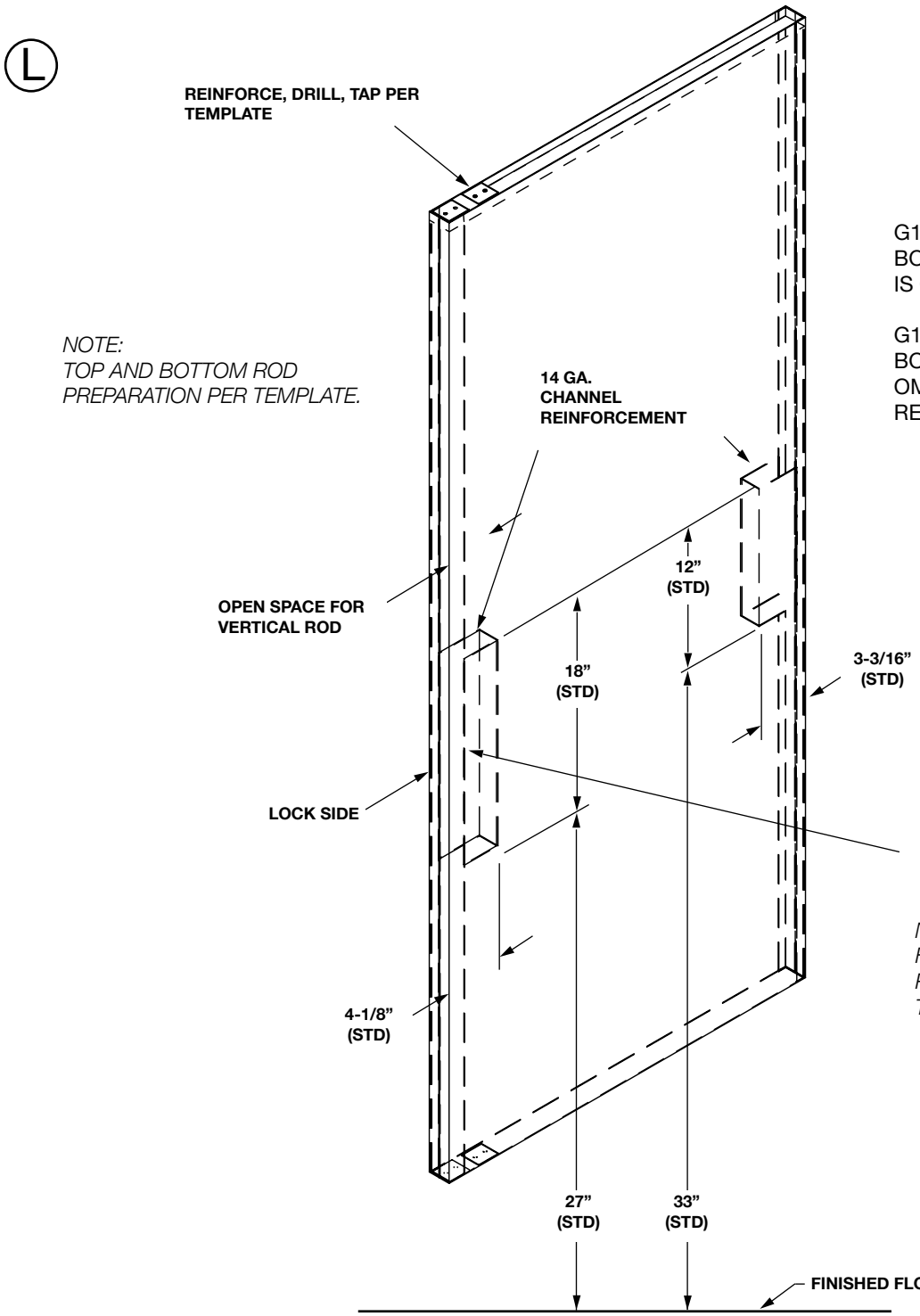
WINDSTORM
SPECIALTY



NOTE:
TOP AND BOTTOM ROD PREPARATION PER TEMPLATE.

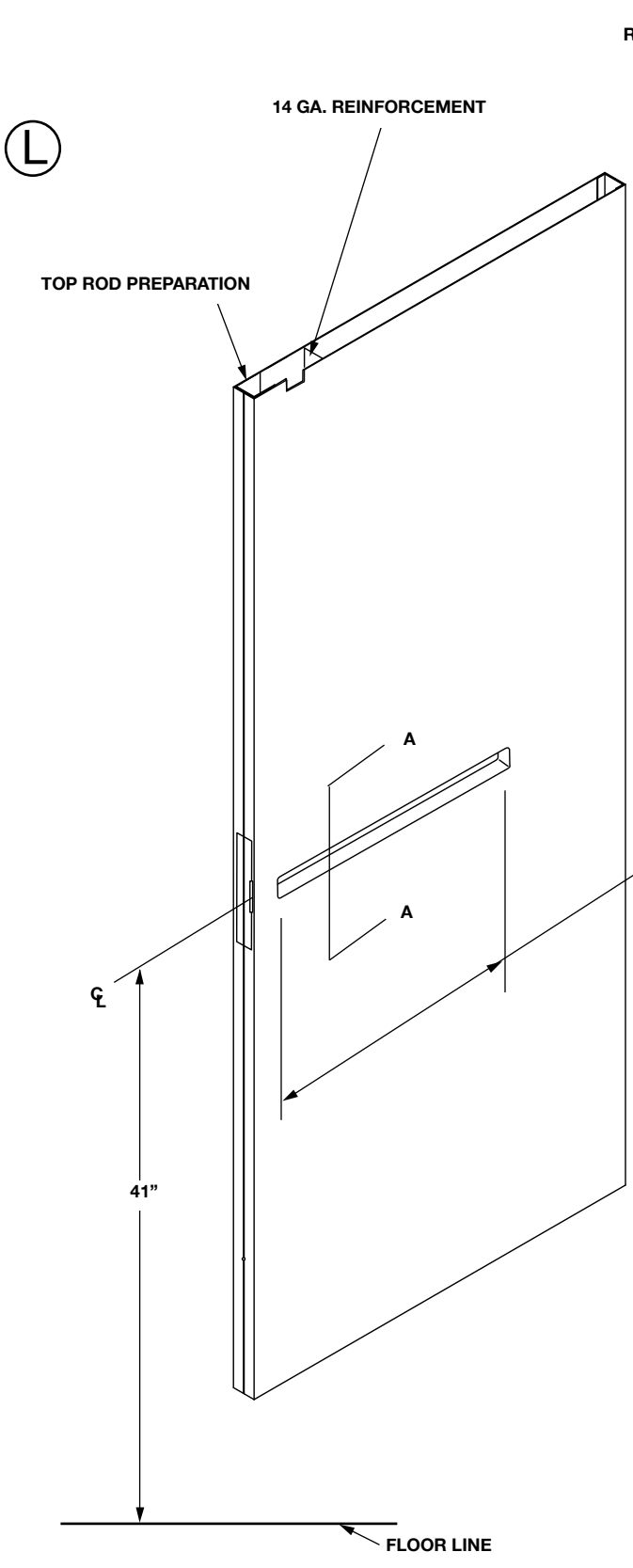
G12B - LESS BOTTOM ROD. BOTTOM ROD PREPARATION IS OMITTED.

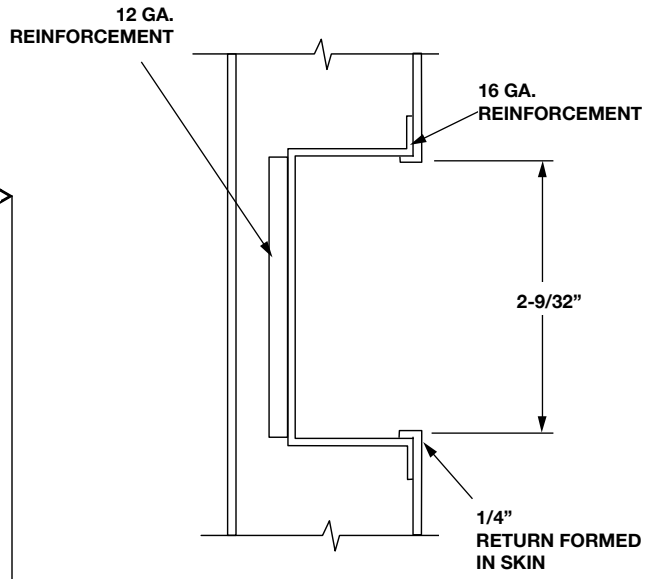
G12C - LESS BOTTOM ROD. BOTTOM ROD PREP. IS OMITTED. FIRE PLUNGER REQUIRED FOR LABEL.

NOTE:
FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED

NOTE: FINISH FLOOR, BOTTOM UNDERCUT, AND BOLT PROTRUSION CRITICAL FOR BOLT ENGAGEMENT TO FLOOR.

G13B SARGENT RECESSED LATCH TOP AND MORTISE LOCK (LBR)





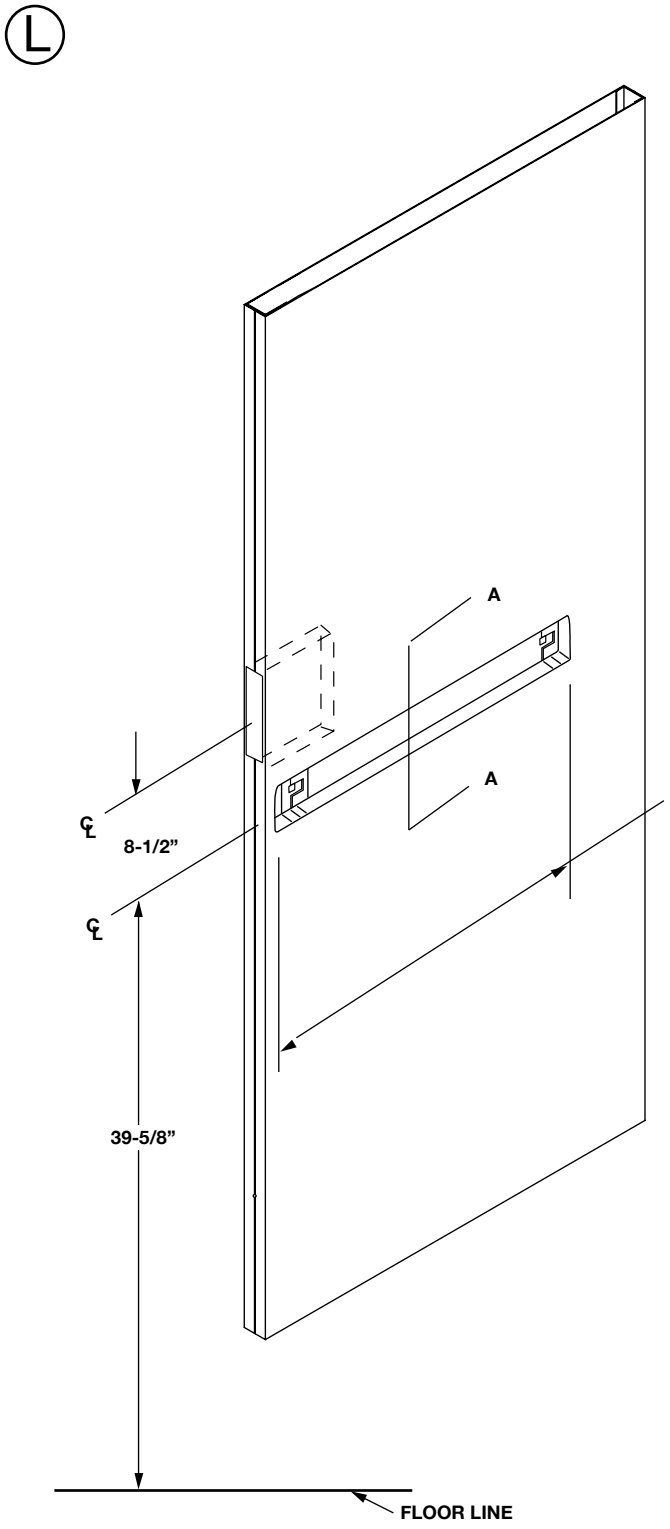
SECTION A–A

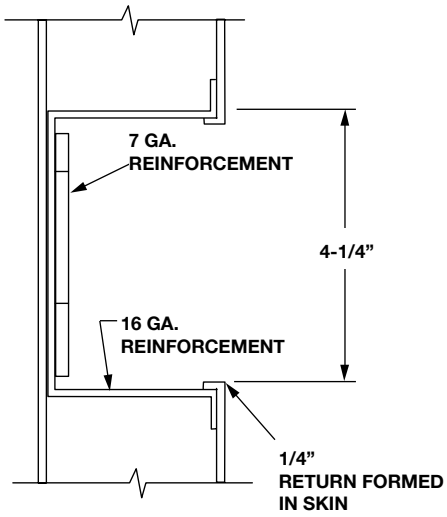
CUTOUT WIDTH	NOMINAL DOOR WIDTH *
30-5/32”	3’0” ONLY
36-5/32”	3’6” OR 3’8”
40-5/32”	3’10” OR 4’0”
4’0” -5’0”	

**STANDARD HINGE AND LOCK CLEARANCES*

THE DEVICE IS FIRE RATED UP TO 90 MINUTES IN DOORS UP TO 4’0” X 10’0” (SINGLES) AND 8’0” X 10’0” (PAIRS).

G13 “VON DUPRIN” RECESSED LATCH TOP AND MORTISE LOCK (LBR)





SECTION A–A

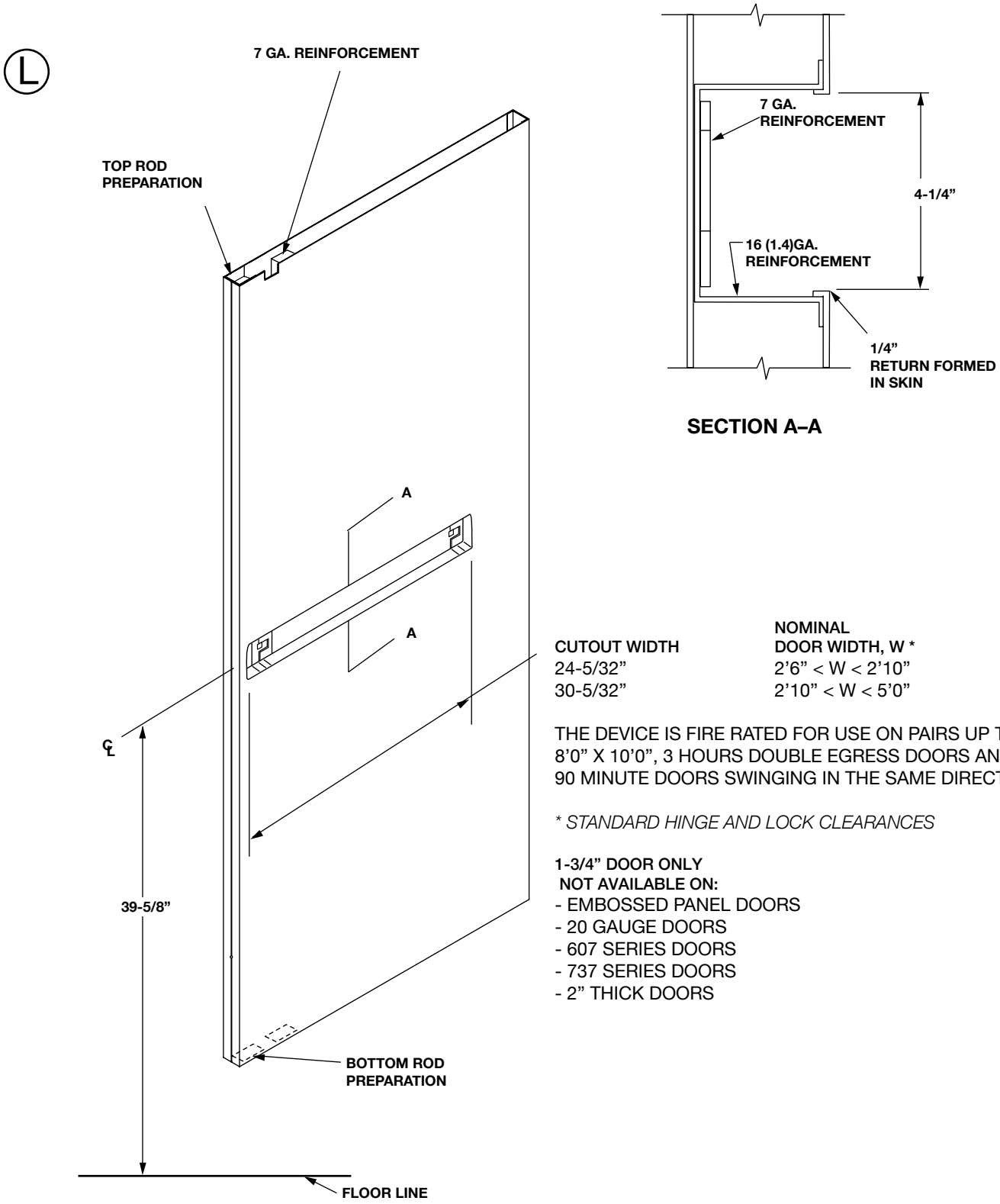
CUTOUT WIDTH	NOMINAL DOOR WIDTH, W *
24-5/32”	2’6” < W < 2’10”
30-5/32”	2’10” < W < 5’0”

THE DEVICE IS FIRE RATED UP TO THREE HOURS IN DOORS UP TO 4’0” X 10’0” (SINGLES).

** STANDARD HINGE AND LOCK CLEARANCES*

1-3/4” DOOR ONLY
NOT AVAILABLE ON:
- EMBOSSED PANEL DOORS
- 20 GAUGE DOORS
- 607 SERIES DOORS
- 737 SERIES DOORS
- 2” THICK DOORS

G13A "VON DUPRIN" RECESSED VERTICAL ROD EXIT DEVICE



SECTION A–A

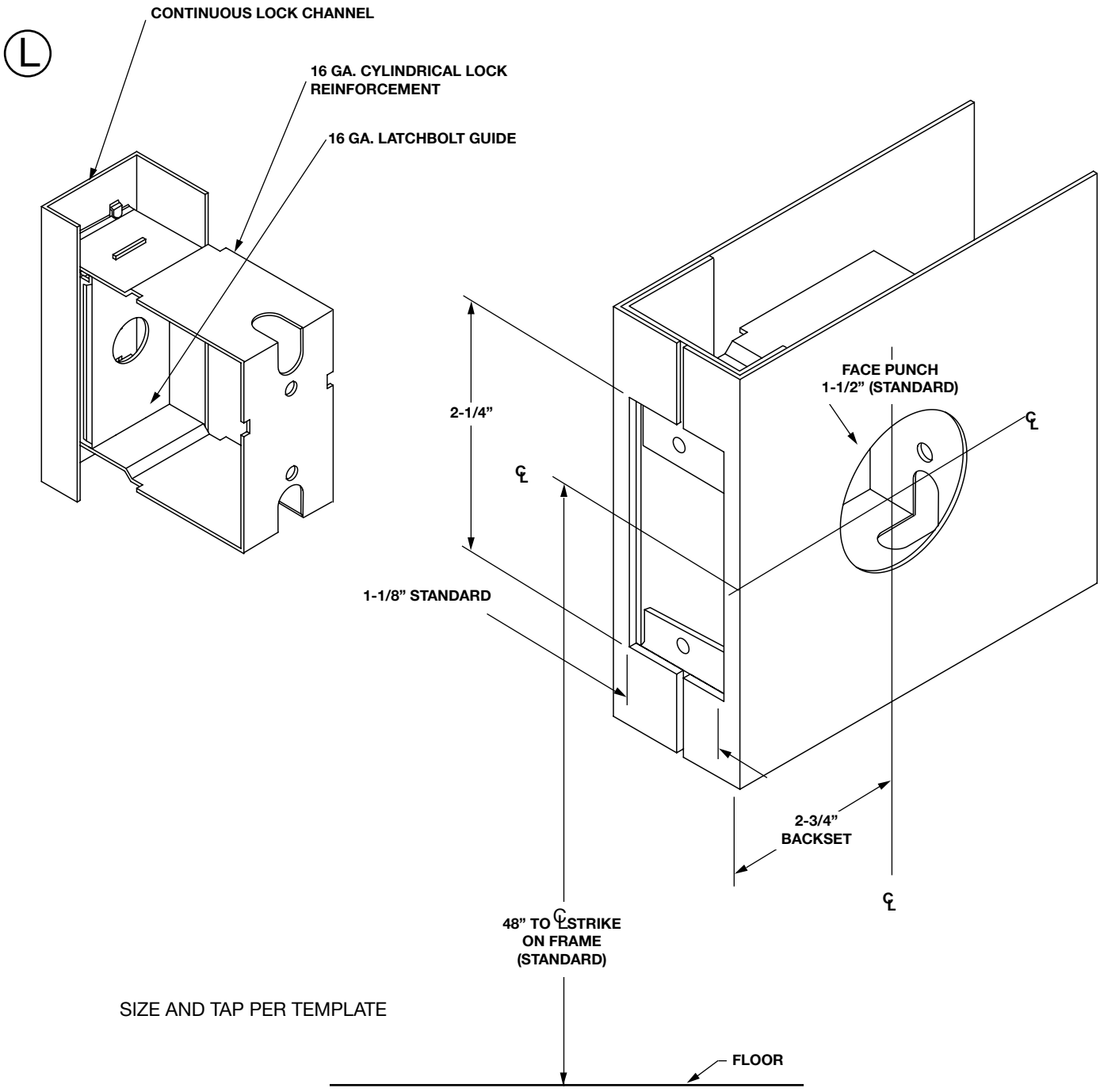
CUTOUT WIDTH	NOMINAL DOOR WIDTH, W *
24-5/32"	2'6" < W < 2'10"
30-5/32"	2'10" < W < 5'0"

THE DEVICE IS FIRE RATED FOR USE ON PAIRS UP TO 8'0" X 10'0", 3 HOURS DOUBLE EGRESS DOORS AND 90 MINUTE DOORS SWINGING IN THE SAME DIRECTION.

** STANDARD HINGE AND LOCK CLEARANCES*

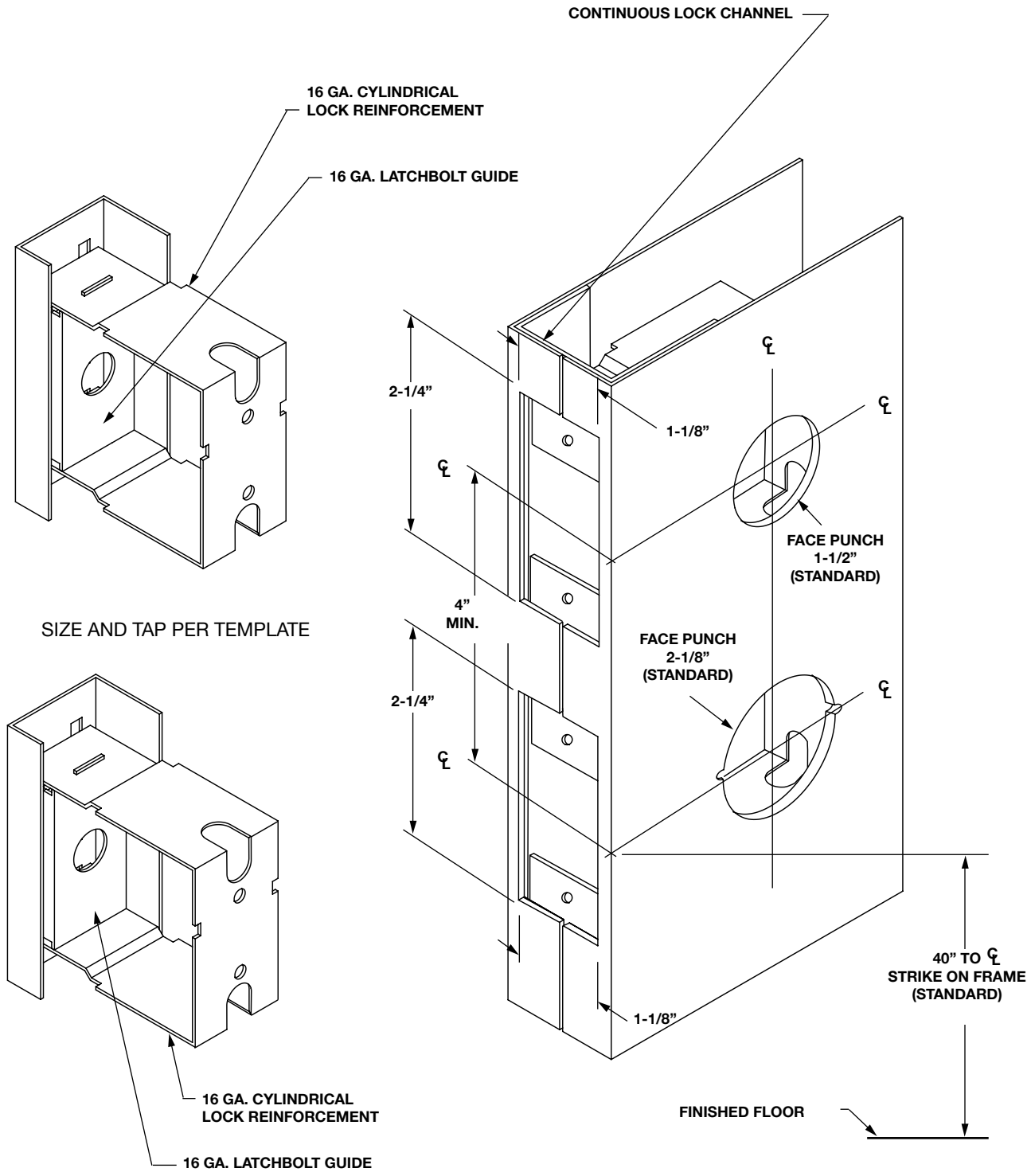
1-3/4" DOOR ONLY
NOT AVAILABLE ON:
- EMBOSSED PANEL DOORS
- 20 GAUGE DOORS
- 607 SERIES DOORS
- 737 SERIES DOORS
- 2" THICK DOORS

G16 CYLINDRICAL DEADLOCK PREPARATION

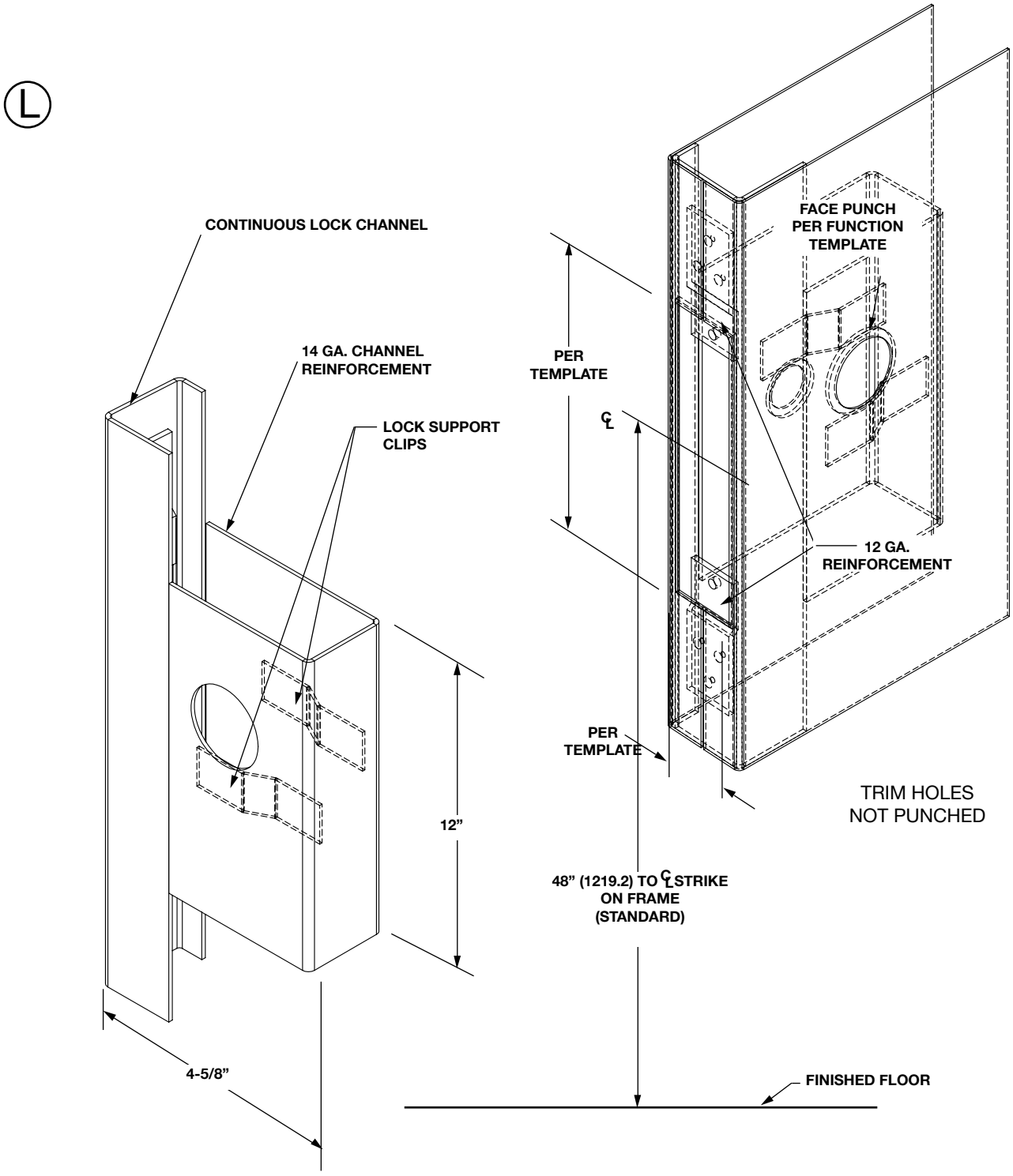


G2 LOCK G16 DEADLOCK COMBINATION (G25)

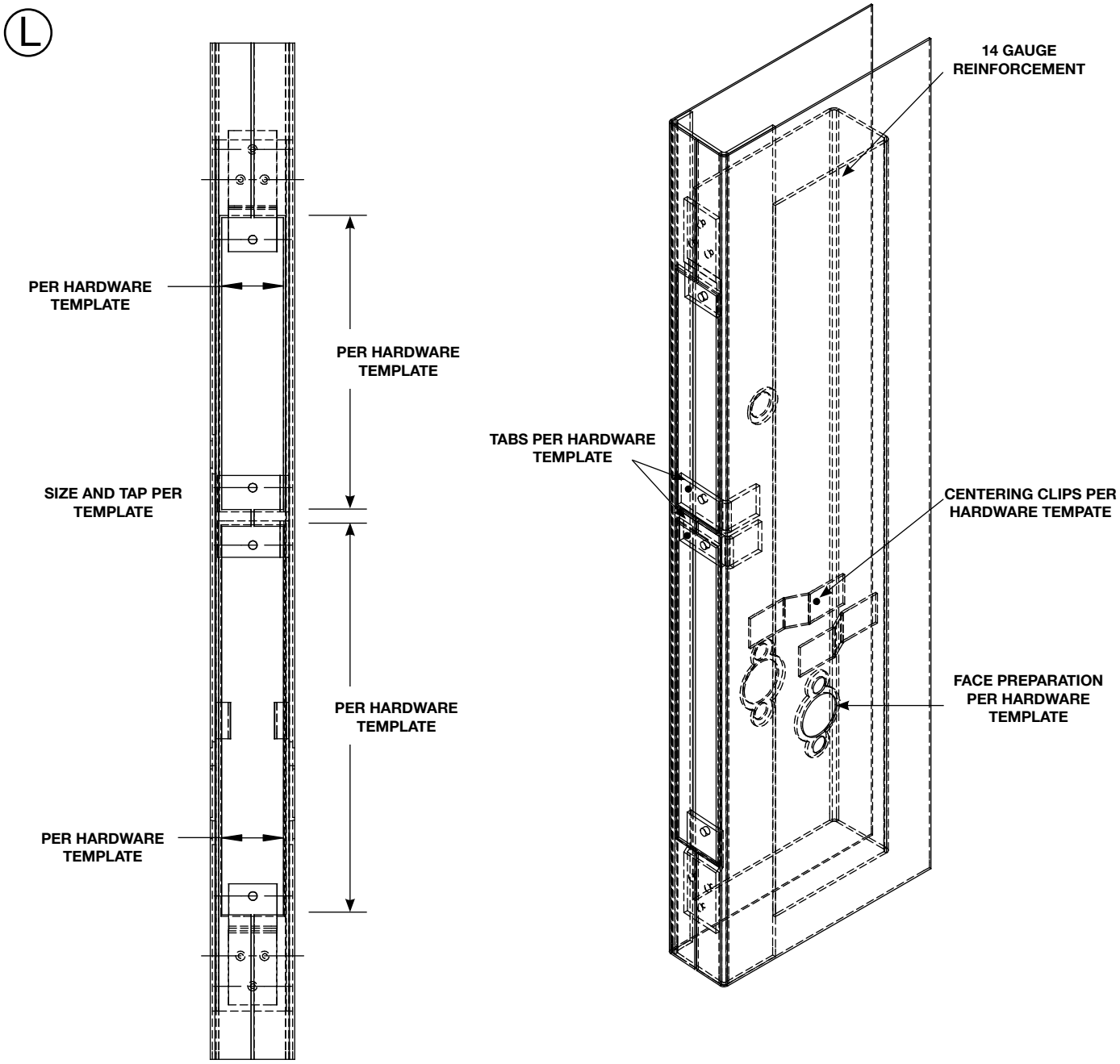
Ⓛ



G17 MORTISE DEADLOCK PREPARATION



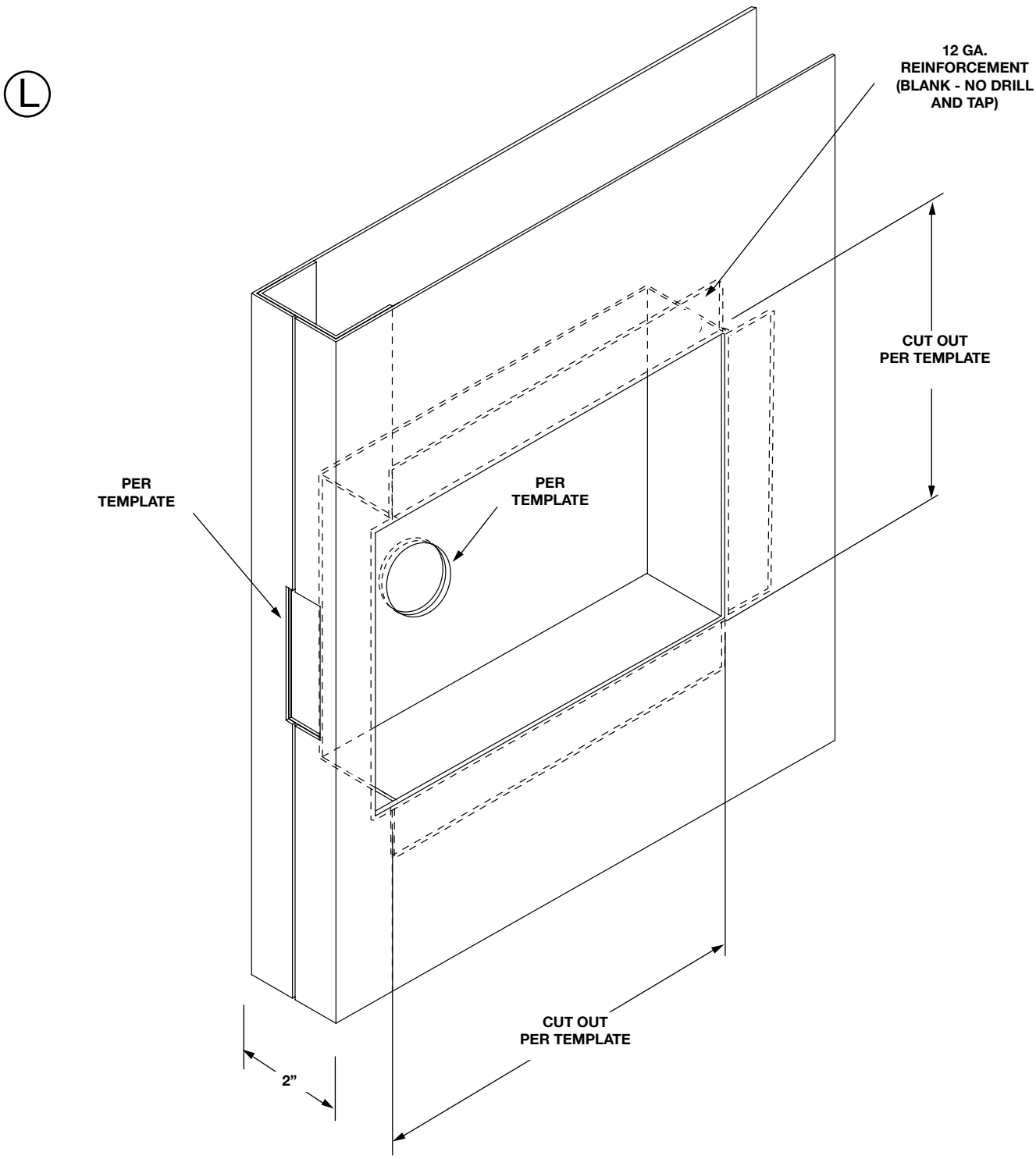
CM COMBINATION LOCK



HARDWARE MUST BE TEMPLATED FOR USE IN HOLLOW METAL APPLICATIONS.

857 G30 DOOR MOUNTED POCKET LOCK

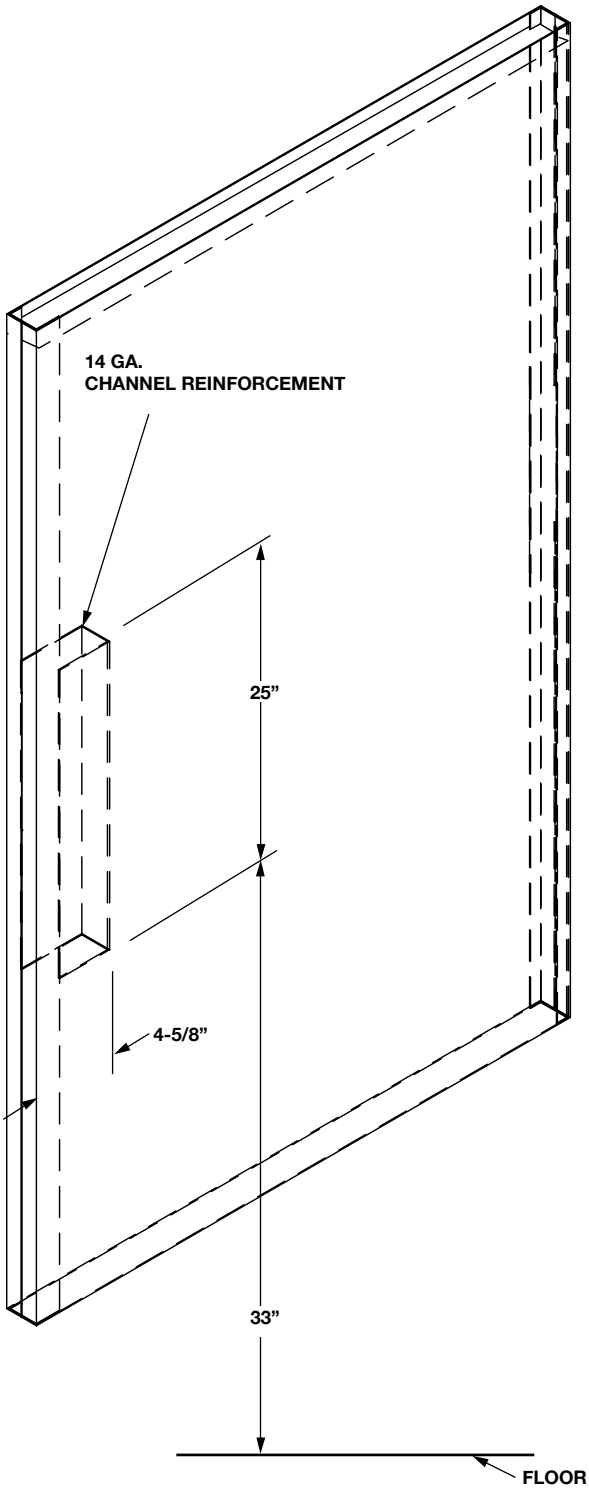
2" DOOR



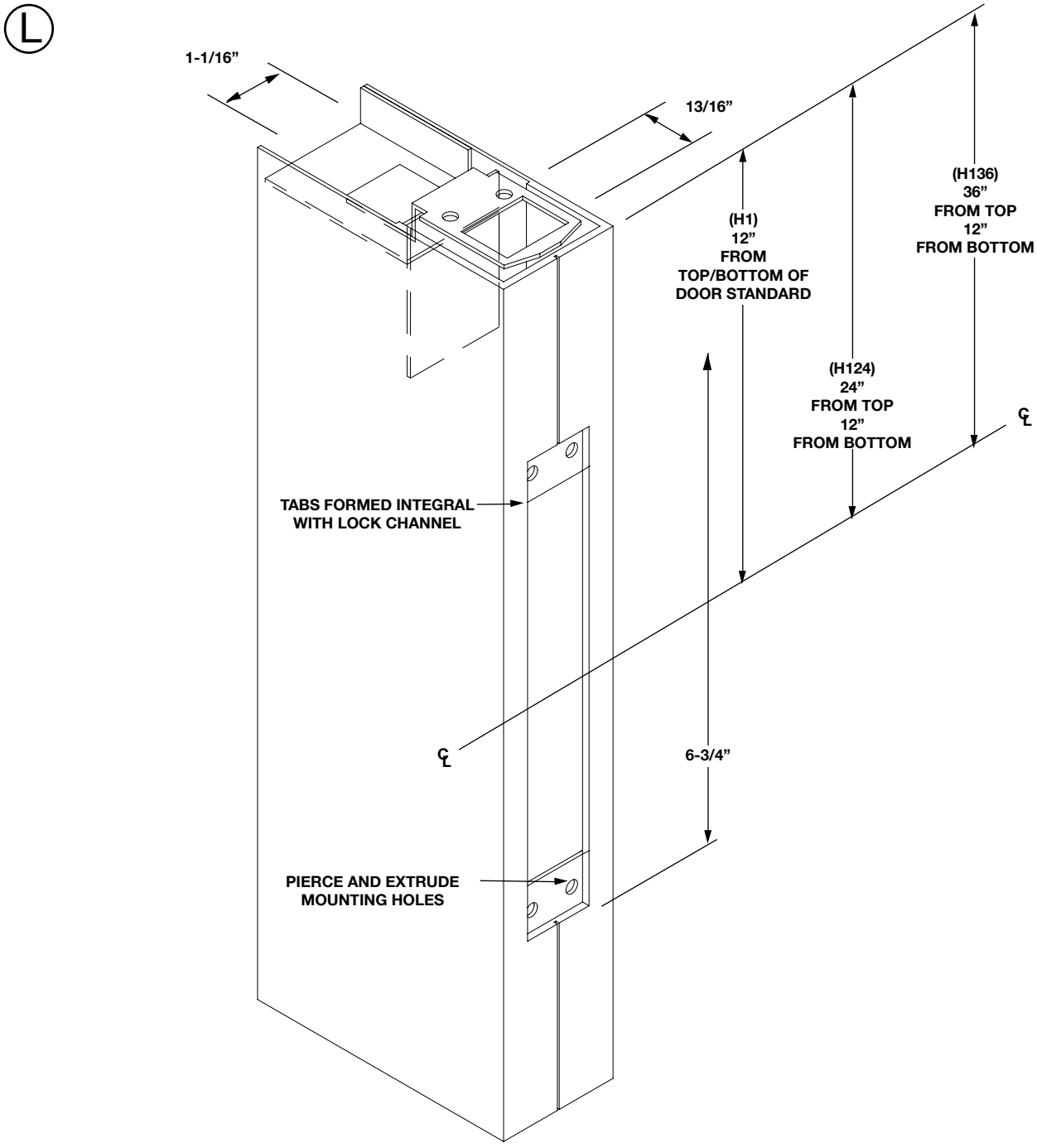
LOCK PREPARATION IS FOR COVER PLATE TO BE SURFACE APPLIED.
COVER PLATE IS FURNISHED BY OTHERS.

STANDARD CURRIES BACKSET LOCATION IS FOR POCKET
LOCK MOUNTED ON MOUNTING PLATE WITHOUT SHIMS.

G18 PUSH PULL REINFORCEMENT

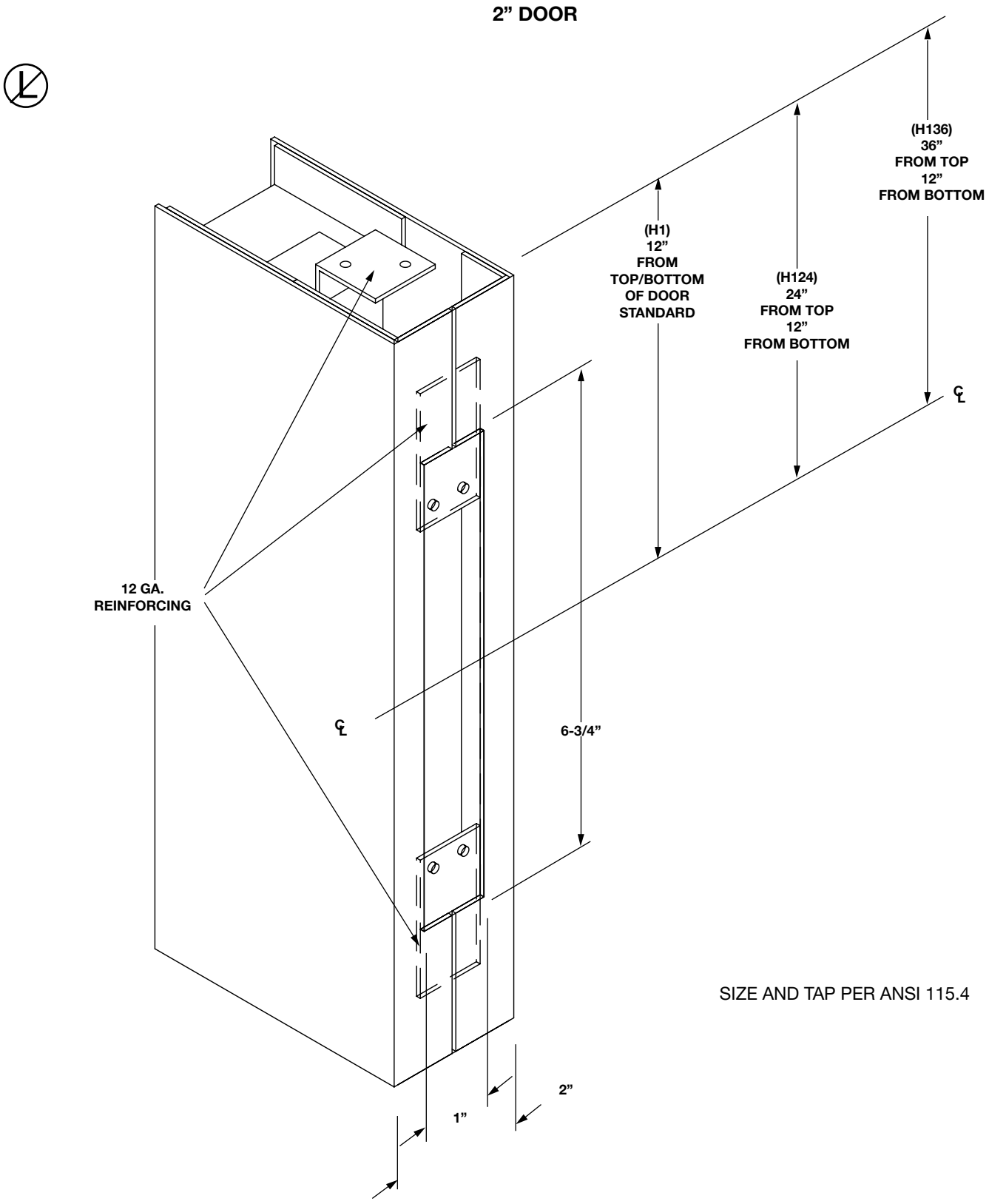


857 H1 ANSI MORTISE FLUSH BOLT PREPARATION



NOTES
1. MORTISE AND TAP PER ANSI/BHMA A156.115
2. REINFORCED IN ACCORDANCE WITH ANSI A250.6

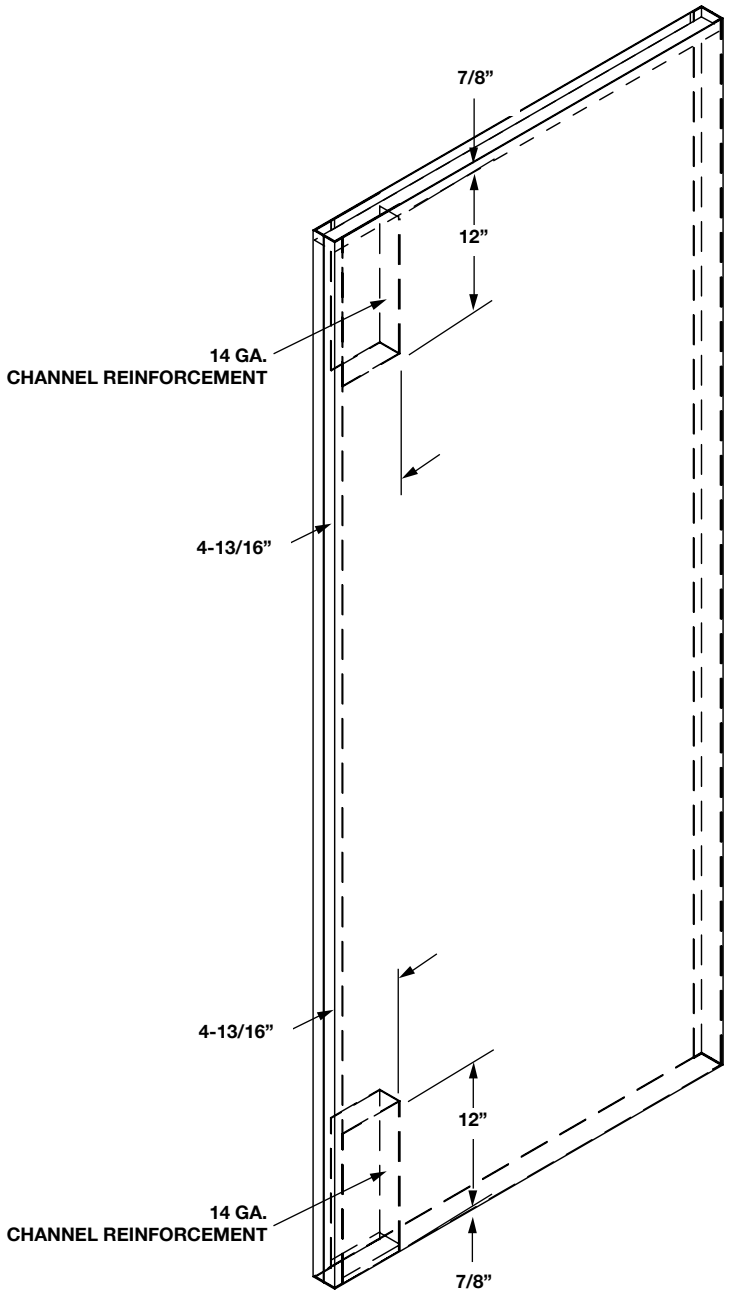
857 H1 ANSI MORTISE FLUSH BOLT PREPARATION



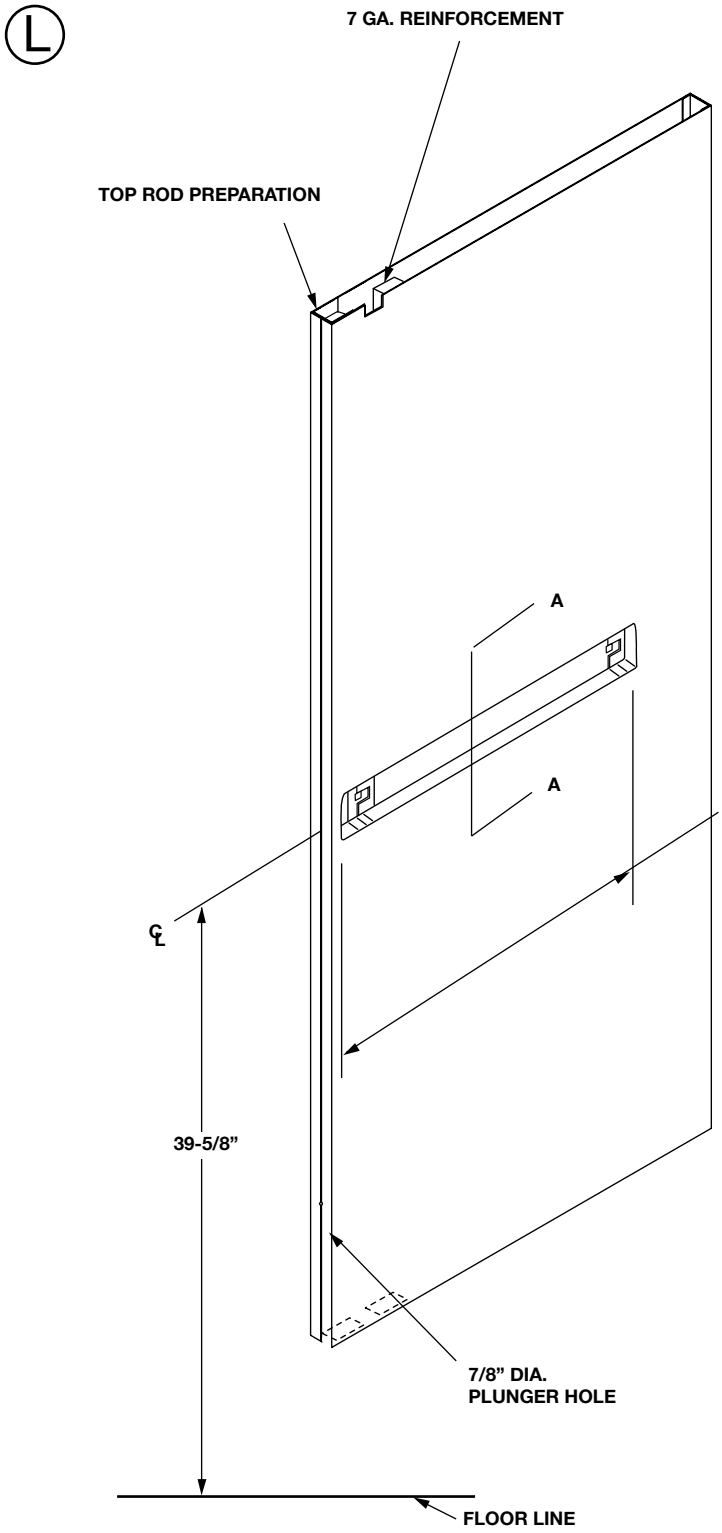
SIZE AND TAP PER ANSI 115.4

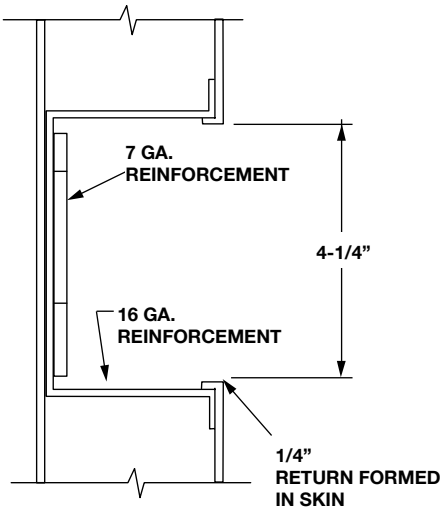
(SB) SURFACE BOLT REINFORCEMENT

Ⓛ



G13C “VON DUPRIN” RECESSED VERTICAL ROD EXIT DEVICE (LBR)





SECTION A–A

CUTOUT WIDTH	NOMINAL DOOR WIDTH, W *
24-5/32”	2’6” < W < 2’10”
30-5/32”	2’10” < W < 5’0”

THE DEVICE IS FIRE RATED FOR USE ON PAIRS UP TO 8’0” X 10’0”, 3 HOURS DOUBLE EGRESS DOORS AND 90 MINUTE DOORS SWINGING IN THE SAME DIRECTION.

** STANDARD HINGE AND LOCK CLEARANCES*

1-3/4” DOOR ONLY
NOT AVAILABLE ON:
- EMBOSSED PANEL DOORS
- 20 (GAUGE DOORS
- 607 SERIES DOORS
- 737 SERIES DOORS
- 2” THICK DOORS

ELECTRICAL PREPARATION

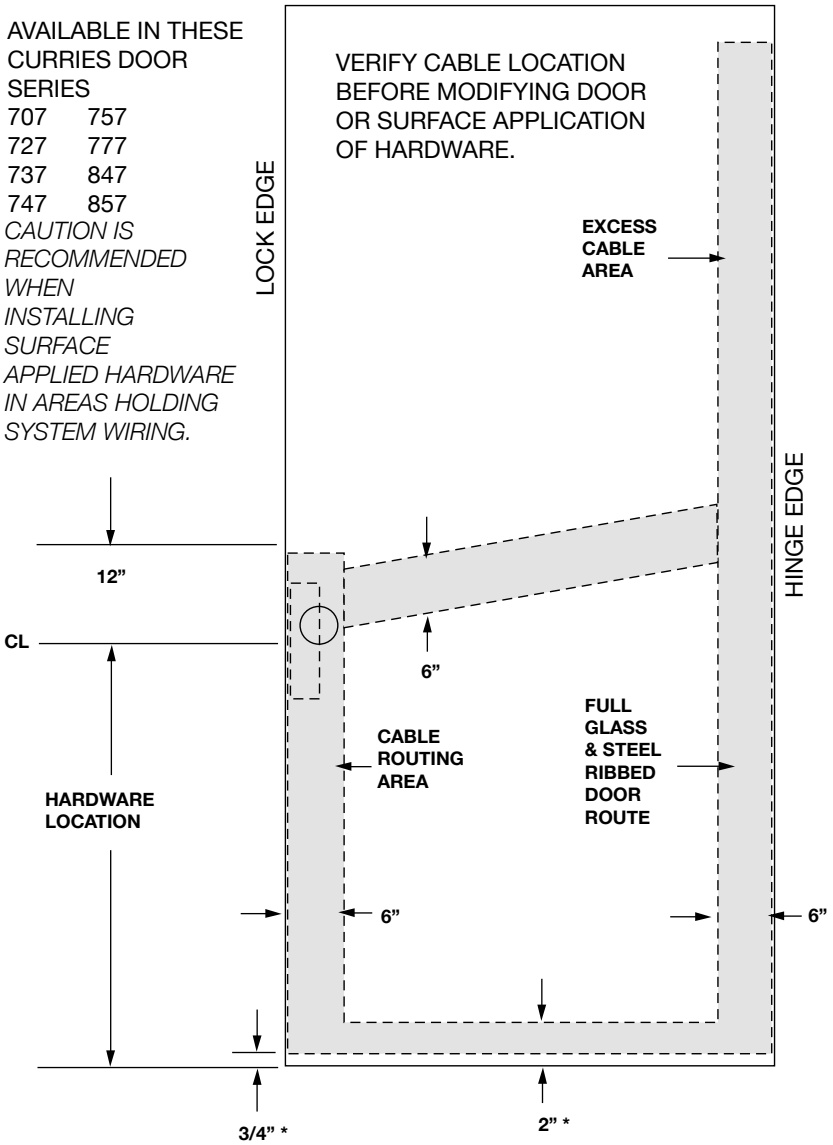
ELECTROLYNX™ SYSTEM

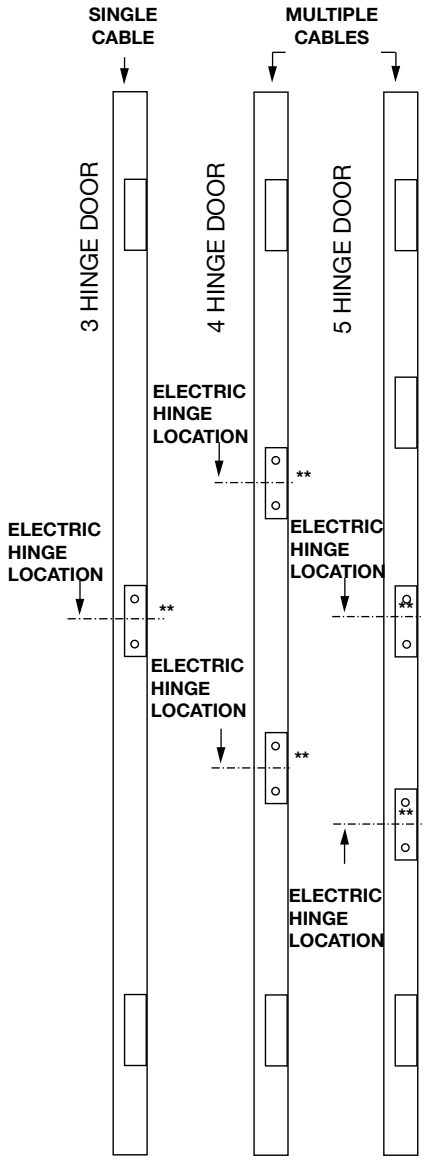
THE CURRIES ELECTROLYNX CABLE IS EQUIPPED WITH THE ELECTROLYNX SYSTEM OF PLUG IN CONNECTORS FOR FAST, EASY, CONNECTION TO SIMILARLY EQUIPPED ASSA ABLOY HARDWARE. THE ELECTROLYNX CABLE HAS 12 CONDUCTORS OF 22 GA. WIRE IN A JACKET, WITH ELECTROLYNX CONNECTORS ON THE HARDWARE PREP END ONLY.
POWER OVER ETHERNET (POE) CABLES ARE ALSO AVAILABLE.

NEITHER CABLE WILL FIT OUR RACEWAY. RACEWAY IS INTENDED FOR PULLING NONJACKETED INDIVIDUAL CONDUCTORS.

Ⓛ

AVAILABLE IN THESE CURRIES DOOR SERIES
707 757
727 777
737 847
747 857
CAUTION IS RECOMMENDED WHEN INSTALLING SURFACE APPLIED HARDWARE IN AREAS HOLDING SYSTEM WIRING.





** BASED ON 3/4" END CHANNEL DEPTH. VARIES FOR HARDWARE MOUNTED IN BOTTOM OF DOOR (EG-DOOR BOTTOMS).*

*** MINIMUM OF THREE HINGES WHEN ELECTROLYNX CABLE IS ORDERED. STANDARD LOCATION SHOWN. SOME HARDWARE AND TRIM COMBINATIONS WILL REQUIRE MULTIPLE ELECTROLYNX CABLES. ADDITIONAL ELECTRIC HINGE PREPARATIONS FOR MULTIPLE ELECTOLYNX CABLES ARE REQUIRED.*

ACC HARNESS

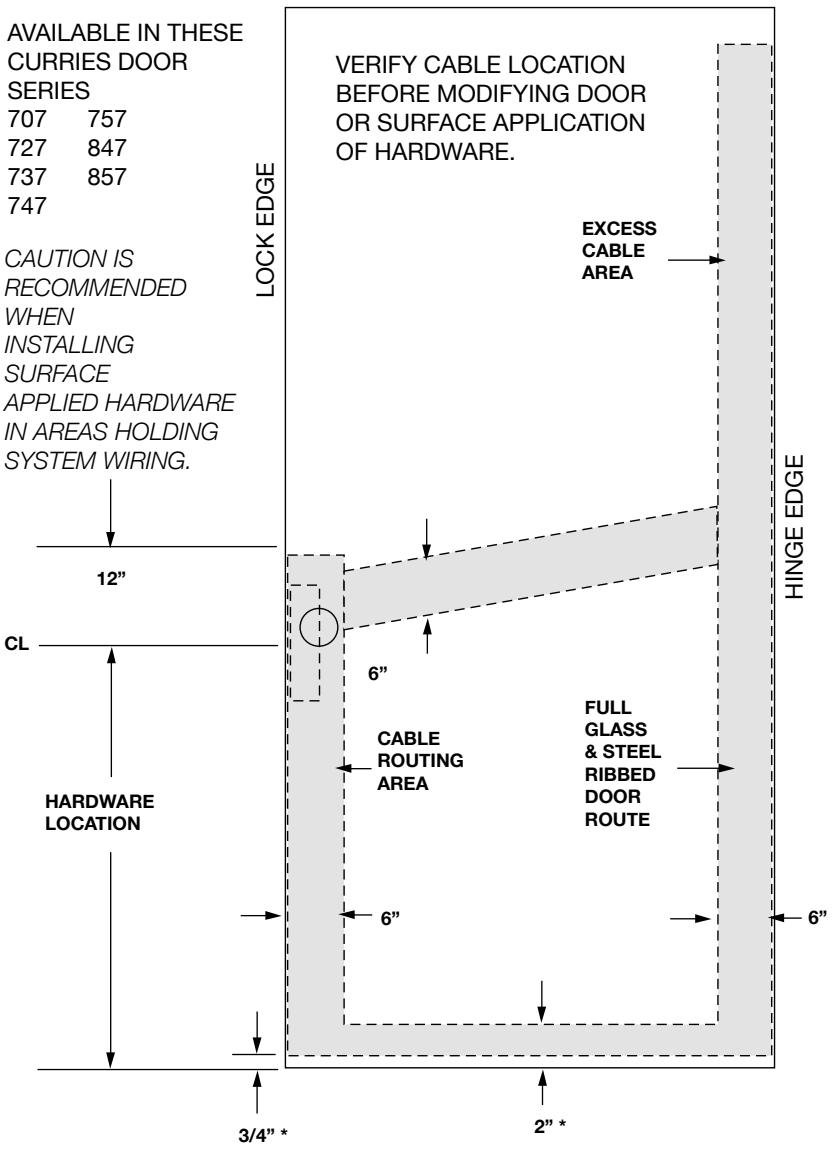
THE ACC HARNESS IS EQUIPPED WITH TWELVE 20 GAUGE CONDUCTORS AND PLUG-AND-PLAY CONNECTORS.

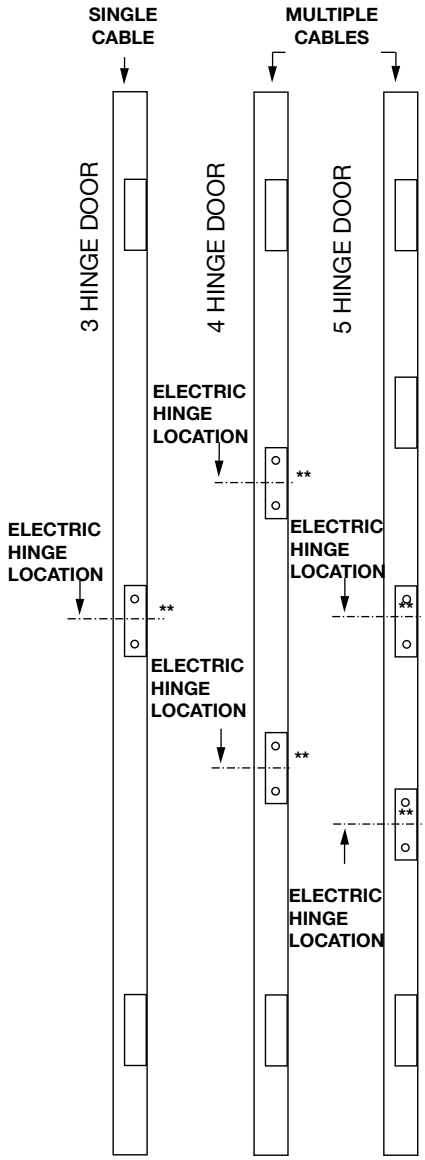
CABLE WILL NOT FIT OUR RACEWAY. RACEWAY IS INTENDED FOR PULLING UP TO EIGHT 24 GAUGE NON-JACKETED INDIVIDUAL CONDUCTORS.

Ⓛ

AVAILABLE IN THESE CURRIES DOOR SERIES
707 757
727 847
737 857
747

CAUTION IS RECOMMENDED WHEN INSTALLING SURFACE APPLIED HARDWARE IN AREAS HOLDING SYSTEM WIRING.





BASED ON 3/4” END CHANNEL DEPTH. VARIES FOR HARDWARE MOUNTED IN BOTTOM OF DOOR (E.G., DOOR BOTTOMS)

**MINIMUM OF THREE HINGES WHEN ACC CABLE IS ORDERED. STANDARD LOCATION SHOWN. SOME HARDWARE AND TRIM COMBINATIONS WILL REQUIRE MULTIPLE CABLES.

HINGE CHANNEL REINFORCEMENT

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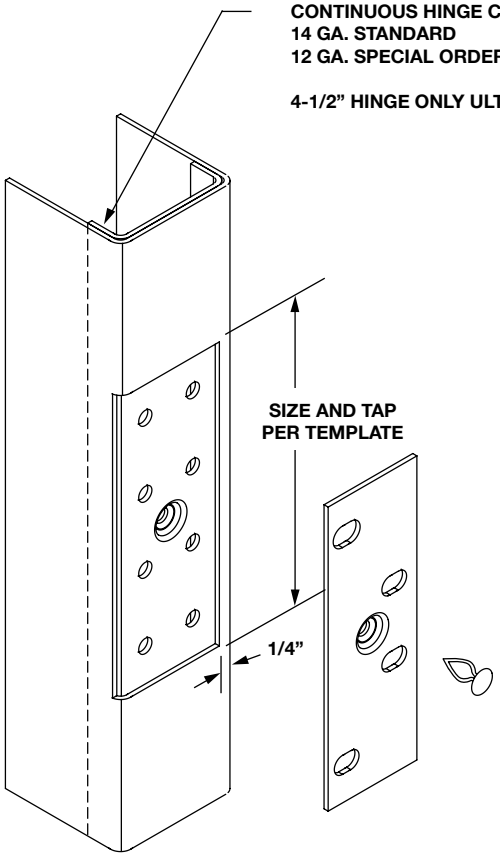
HANDED - A BEVEL "ULTIMA"

Ⓛ

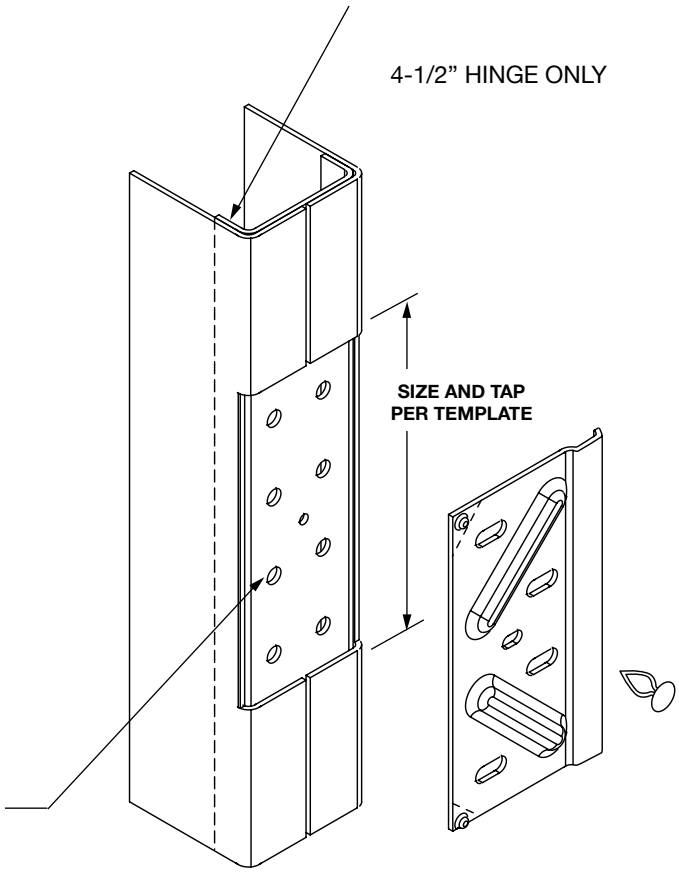
CONTINUOUS HINGE CHANNEL
14 GA. STANDARD
12 GA. SPECIAL ORDER - STANDARD AS NOTED PER DOOR SERIES

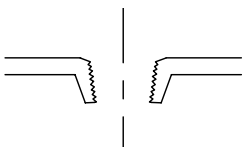
4-1/2" HINGE ONLY ULTIMA SHIM STANDARD FOR 4-1/2" HINGE STANDARD AND HEAVYWEIGHT



NON HANDED - B BEVEL - "ULTIMA"

CONTINUOUS HINGE CHANNEL
14 GA. STANDARD
12 GA. SPECIAL ORDER - STANDARD AS NOTED PER DOOR SERIES

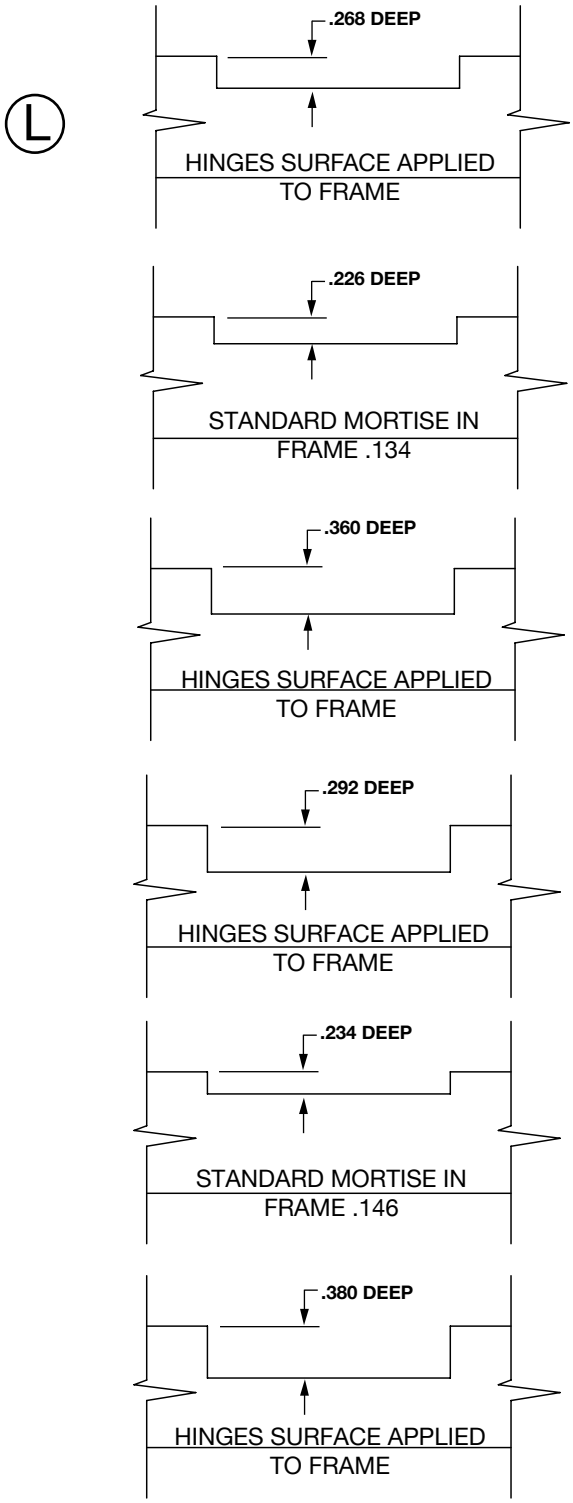




SCREW HOLES ARE EXTRUDED TO PROVIDE THREAD DEPTH EQUAL TO 10 GA. PLATE (14 GA.)
3/16" PLATE (12 GA.)

HINGE PREPARATIONS OTHER THAN 4-1/2" ARE SIZE AND TAP PER TEMPLATE.

OVER MORTISE AND DOUBLE MORTISE HINGES ON DOORS



4-1/2" STANDARD WEIGHT (.134)
DOUBLE MORTISE
HINGES
S.D.M.

4-1/2" HEAVY WEIGHT (.180) OVER MORTISE
HINGES
H.O.M.

4-1/2" HEAVY WEIGHT (.180)
DOUBLE MORTISE
HINGES
H.D.M.

5" STANDARD WEIGHT (.146)
DOUBLE MORTISE
HINGES
S.D.M.

5" HEAVY WEIGHT (.190)
OVER MORTISE
HINGES
H.O.M.

5" HEAVY WEIGHT (.190)
DOUBLE MORTISE
HINGES
H.D.M.

NOTE: ULTIMA 4-1/2" (114.3) HINGE GIVES THE OPTION OF STANDARD OR HEAVY WEIGHT.

SURFACE MOUNTED HINGE REINFORCEMENT

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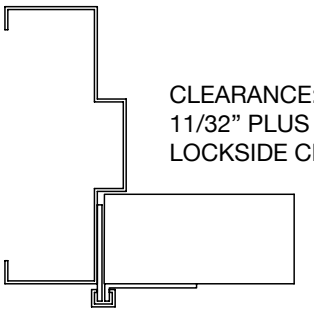
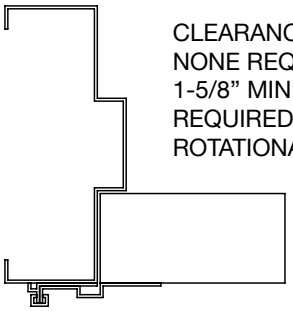
NOTE: DOOR SIZE REQUIREMENTS DETERMINED BY HINGE MANUFACTURERS TEMPLATES AND MOUNTING INSTALLATION.

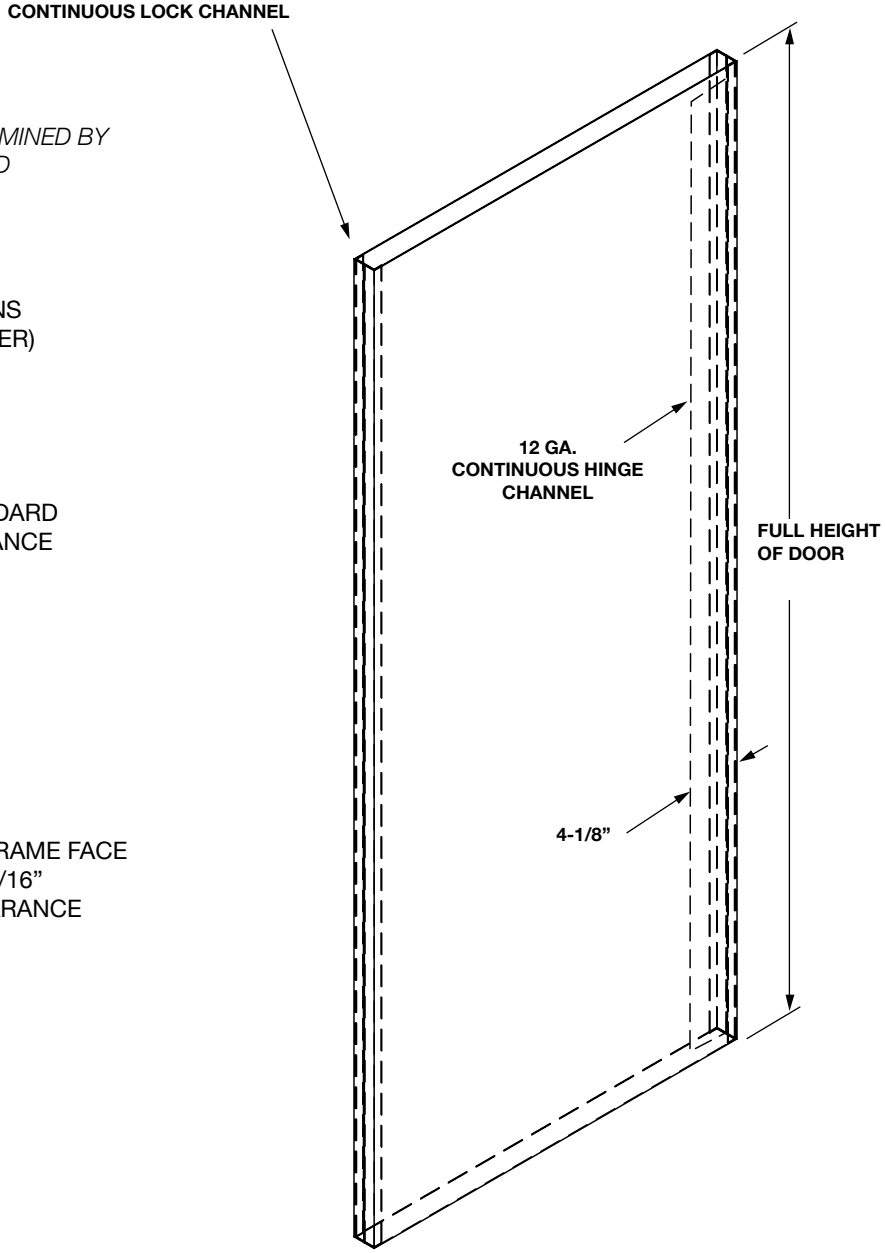
CONTINUOUS GEAR HINGE APPLICATIONS
(CLEARANCE VARIES PER MANUFACTURER)



CLEARANCE:
11/32" PLUS STANDARD
LOCKSIDE CLEARANCE



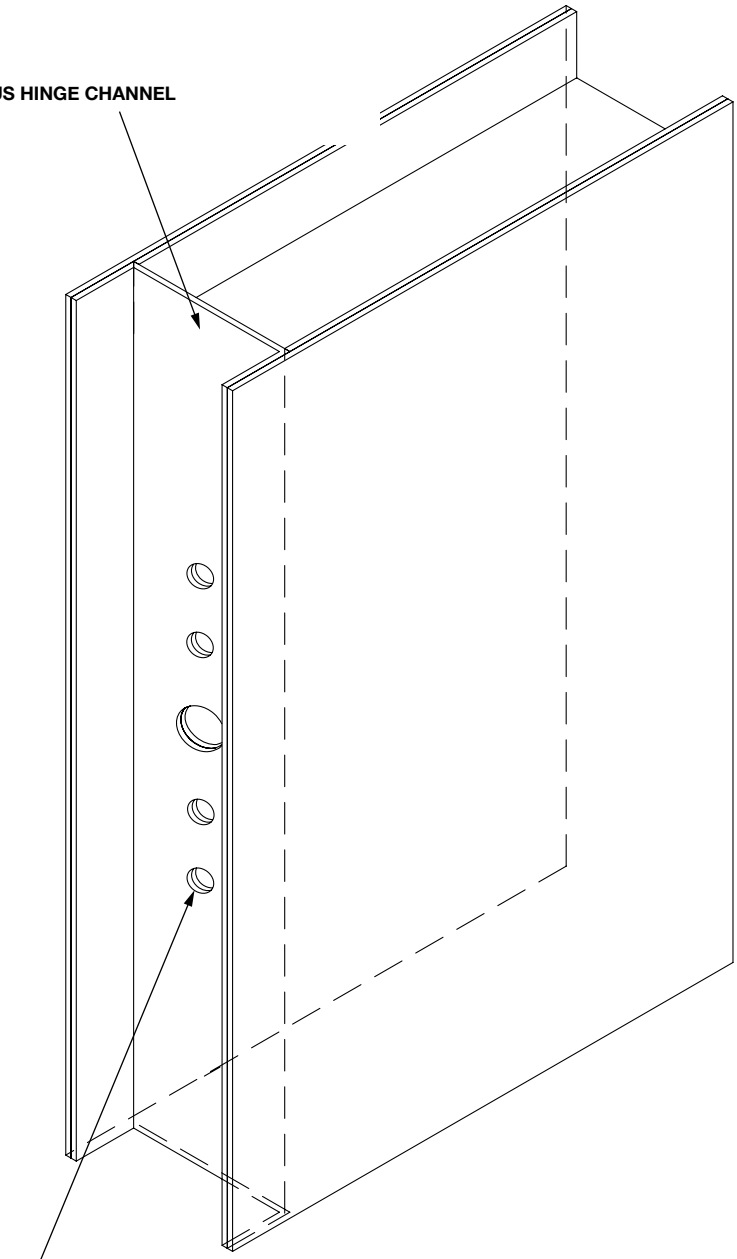
CLEARANCE:
NONE REQUIRED
1-5/8" MINIMUM FRAME FACE
REQUIRED PLUS 3/16"
ROTATIONAL CLEARANCE

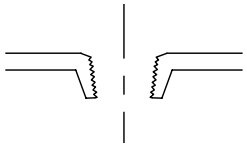


USE FOR SURFACE APPLIED BUTT AND CONTINUOUS HINGES WITHOUT THE NEED FOR THRU-BOLTS.

DOOR POCKET PIVOT

Ⓛ



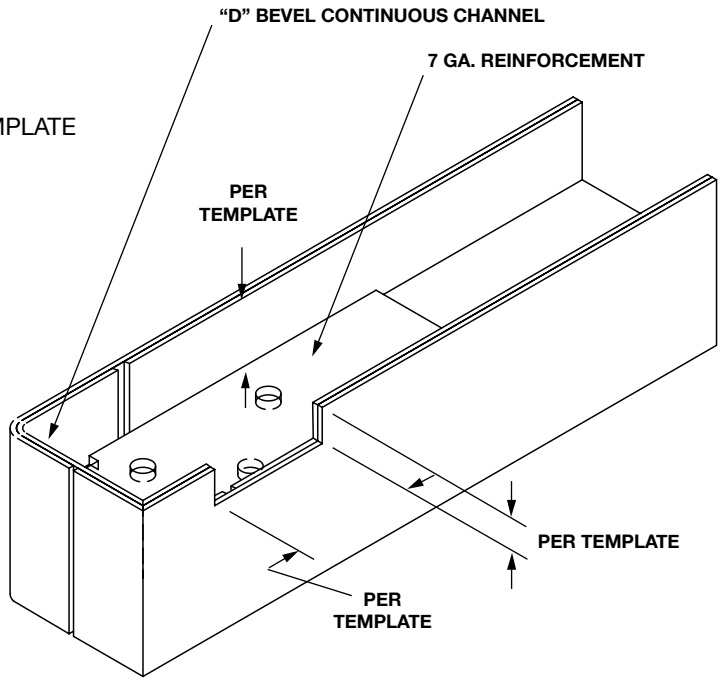


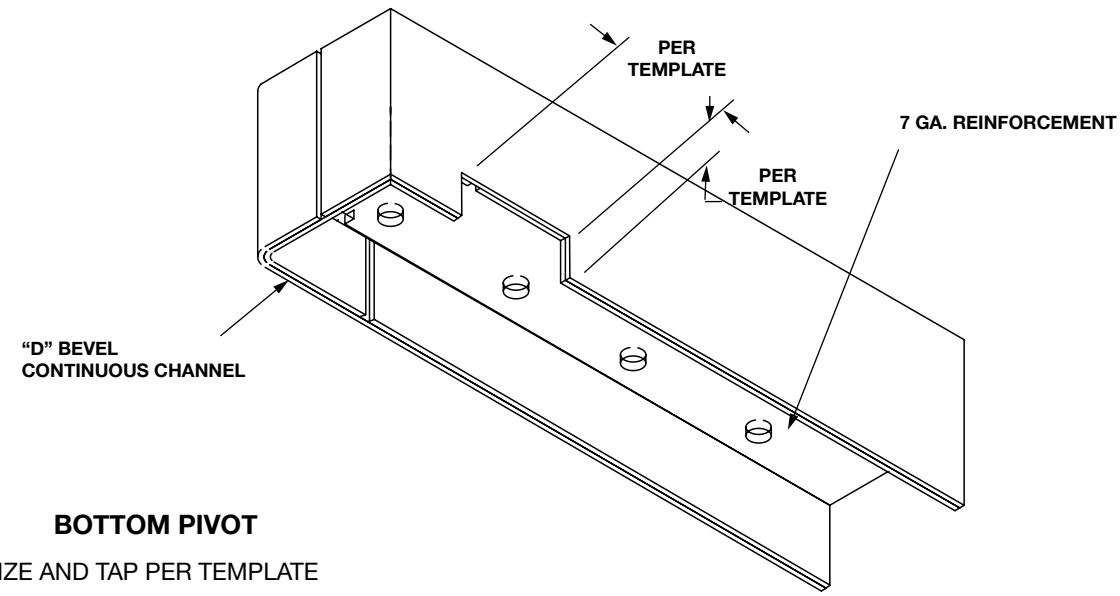
DOOR TOP AND BOTTOM PIVOT PREPARATION “D” BEVEL

Ⓛ

TOP PIVOT

SIZE AND TAP PER TEMPLATE





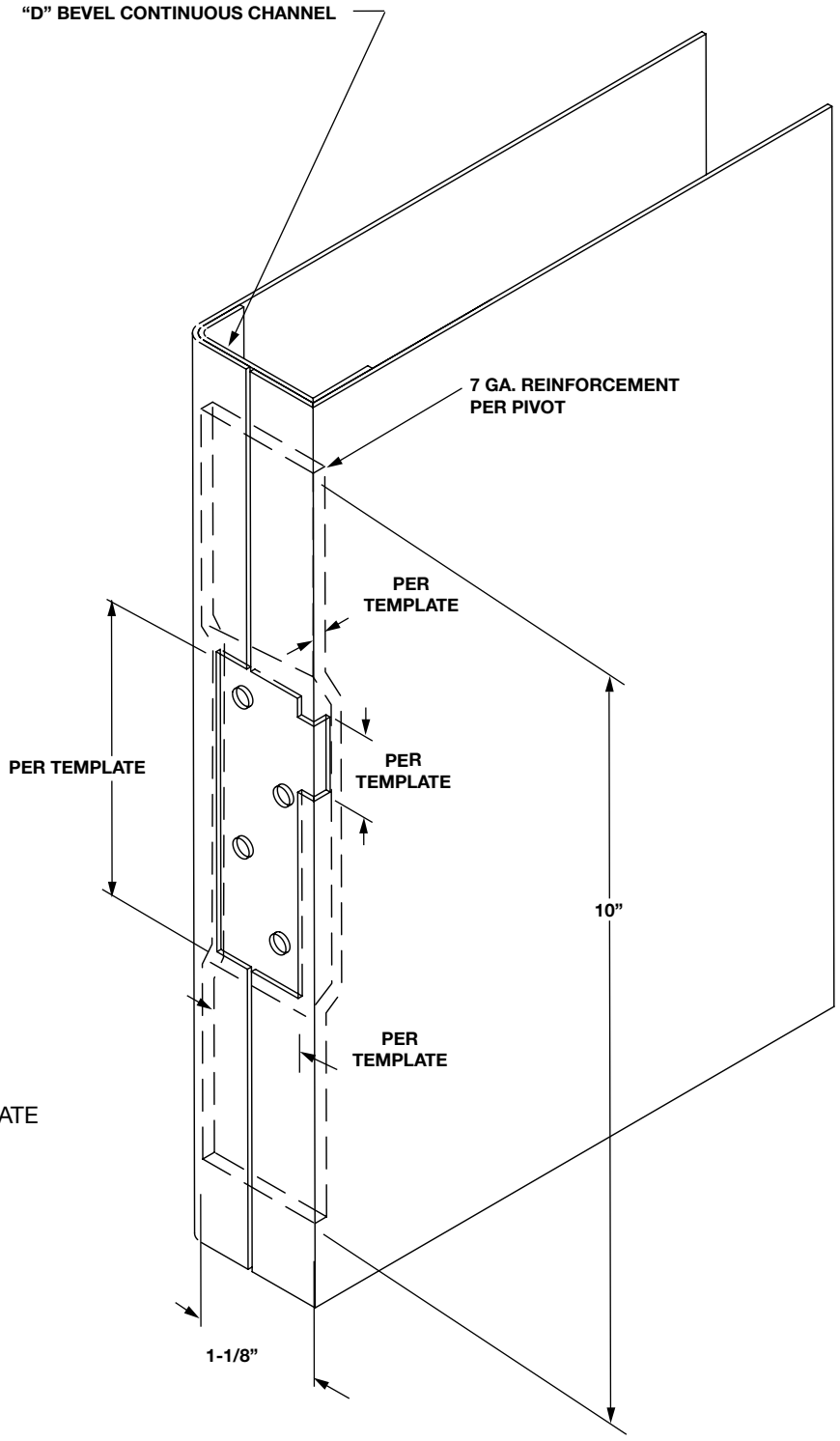
BOTTOM PIVOT

SIZE AND TAP PER TEMPLATE

DOOR INTERMEDIATE PIVOT PREPARATION "D" BEVEL

Ⓛ

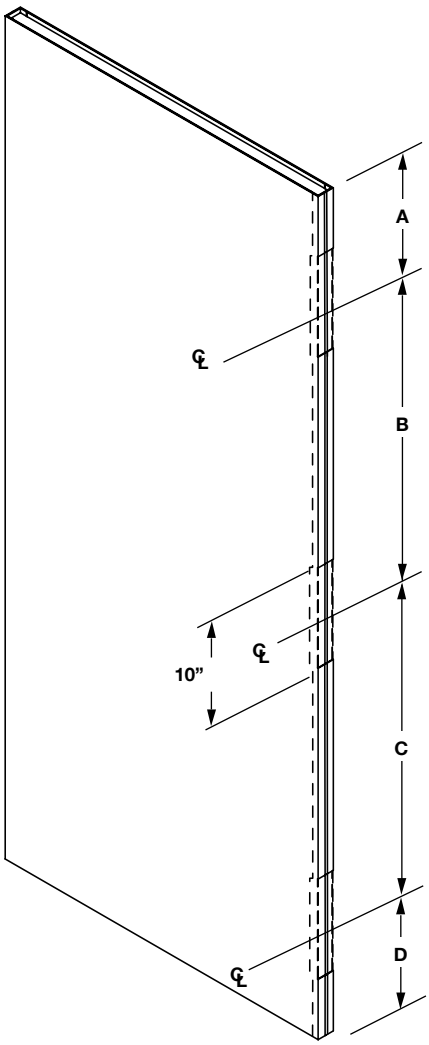
NOTE: CURRIES PIVOT LOCATIONS ARE EQUALLY SPACED.



SIZE AND TAP PER TEMPLATE

10” BLANK HINGE PREPARATION

- CAN BE USED FOR ANY SDI MEMBER HINGE LOCATION FOR THE FOLLOWING DOOR HEIGHTS: 6’8”, 7’0”, 7’2”, 8’0”, 10’0”.
- “A” AND “B” BEVEL EDGES.
- AVAILABLE ON 707, E6, AND 747 DOORS.
- STANDARD REINFORCEMENTS, LOCKS, OR STRIKES FOR APPLICABLE DOOR SERIE
- .230” DEEP OFFSET; 4-1/2” ULTIMA HINGE SHIM MUST BE ORDERED SEPARATELY FOR STANDARD AND HEAVYWEIGHT HINGES.
- 3 AND 4 HINGE LOCATIONS AVAILABLE.
- 12 OR 14 GA. HINGE CHANNEL AVAILABLE.

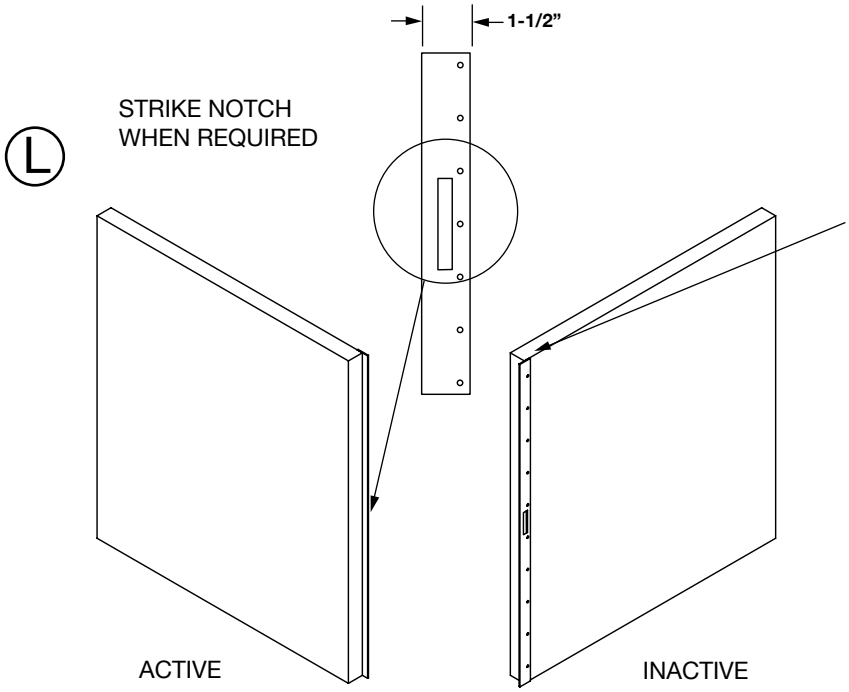


LOCATION OF HINGE PREPARATIONS

DOOR HEIGHT	A	B	C	D	E *
6’8”	9-3/8”	30-1/8”	30-1/8”	9-5/8”	—
7’0”	9-3/8”	32-1/8”	32-1/8”	9-5/8”	—
7’2”	9-3/8”	33-1/8”	33-1/8”	9-5/8”	—
8’0”	9-3/8”	25-1/4”	25-1/4”	25-1/4”	10-1/8”
10’0”	9-3/8”	33-1/4”	33-1/4”	33-1/4”	10-1/8”

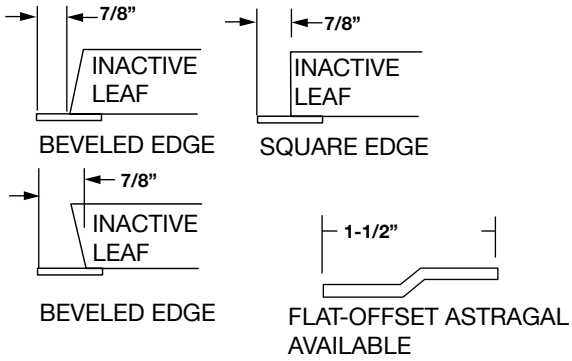
** LOCATION OF 4TH HINGE FOR 8’0” AND 10’0” DOOR*

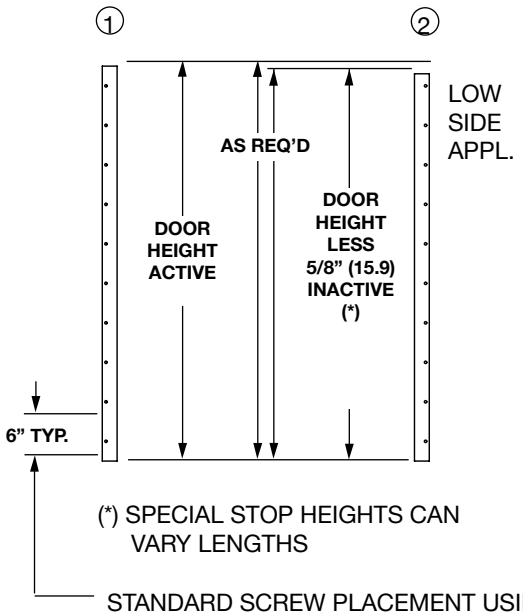
FLAT SURFACE ASTRAGAL LOCATIONS



GAUGE: 12
STEEL TYPE: CR OR GALVANNEAL

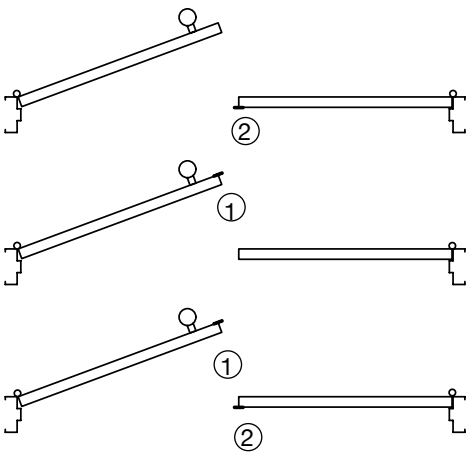
CURRIES STANDARD PRACTICE IS TO SUPPLY ASTRAGAL 5/8" SHORT OF DOOR HEIGHT TO CLEAR FRAME STOP AT HEAD ON INACTIVE DOOR ONLY!





(*) SPECIAL STOP HEIGHTS CAN VARY LENGTHS

STANDARD SCREW PLACEMENT USING #6 OVAL HEAD SCREWS (ALSO AVAILABLE WELDED) "MIN. REQ'D FOR U.L.LISTING"



SINGLE ASTRAGAL ON LOW SIDE OF INACTIVE LEAF STANDARD.

SINGLE ASTRAGAL ON HIGH SIDE OF ACTIVE LEAF. E1 STRIKE ON ACTIVE LEAF REQUIRES NOTCH ON ASTRAGAL.

DOUBLE ASTRAGAL ON HIGH SIDE OF ACTIVE LEAF AND LOW SIDE OF INACTIVE LEAF.

"Z" ASTRAGAL LOCATIONS AND HANDING

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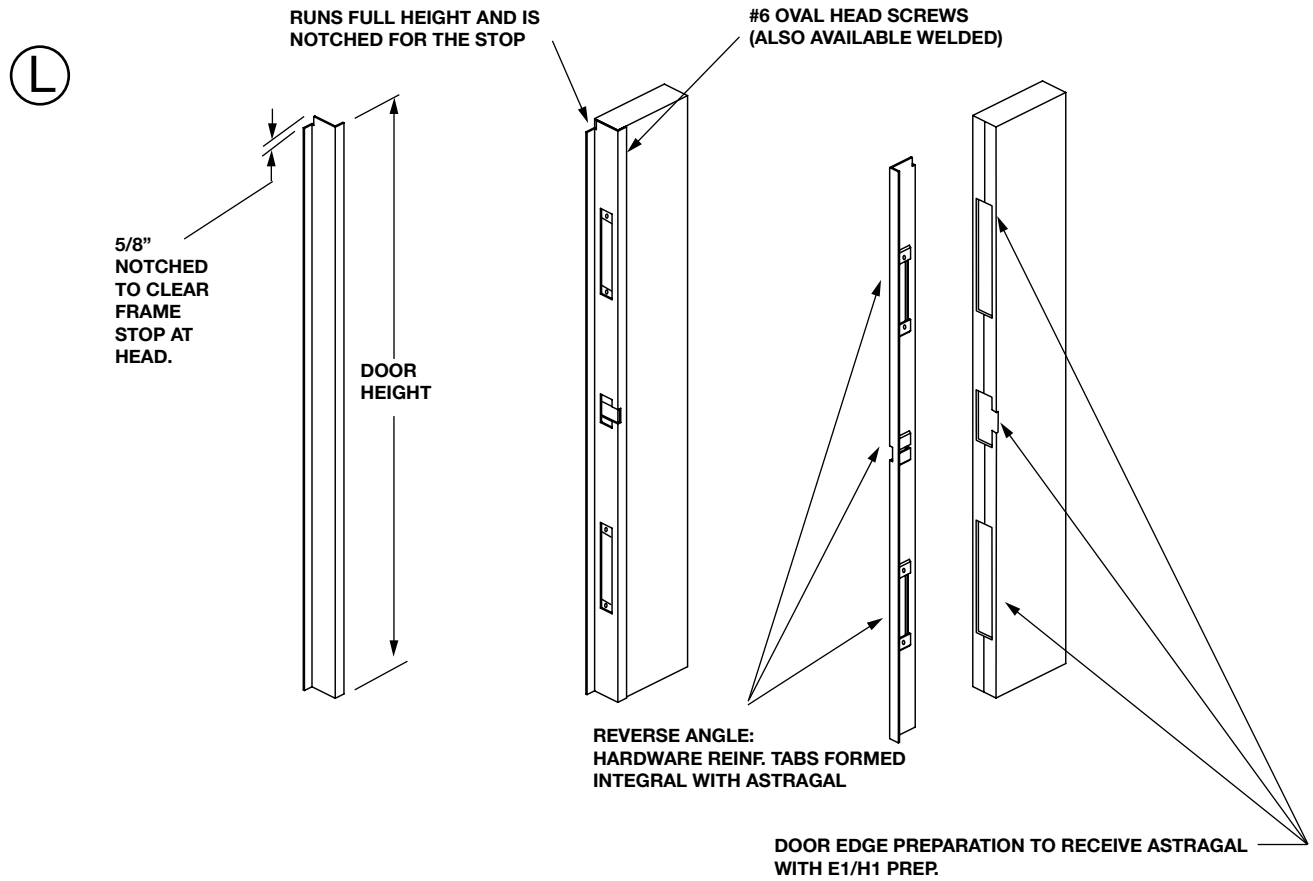
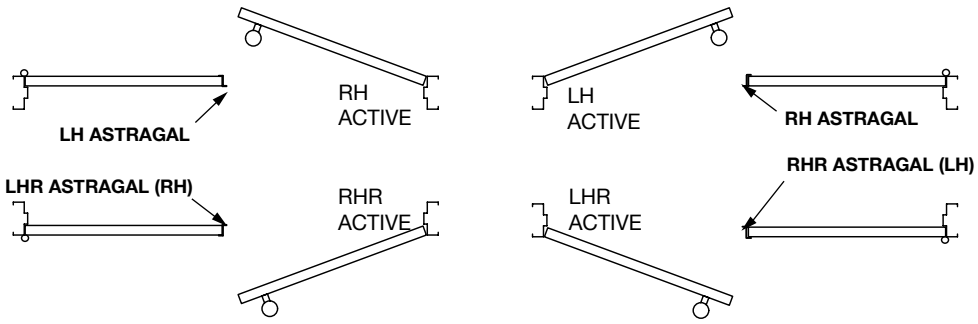
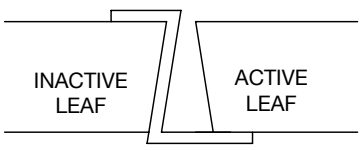
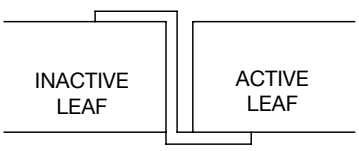
GAUGE: 14
STEEL TYPE: GALVANEAL





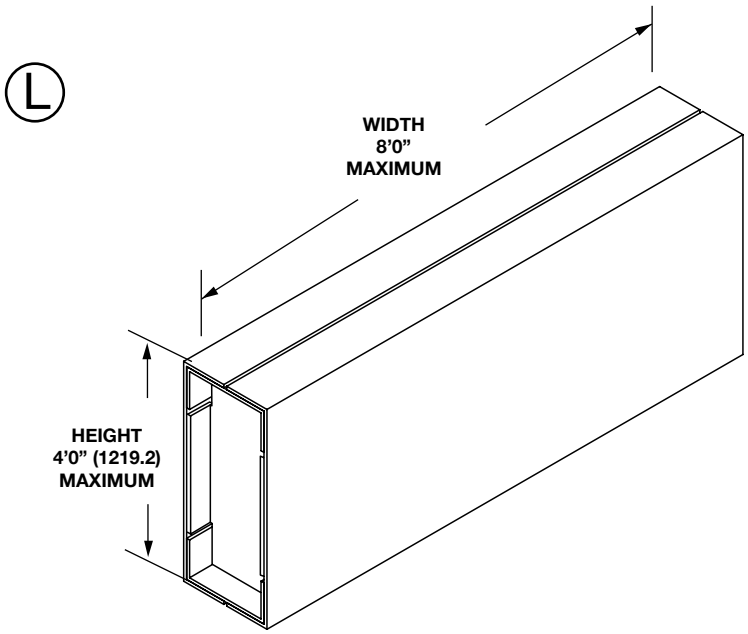


BEVELED ASTRAGAL



SQUARE ASTRAGAL

HOLLOW METAL PANELS - TRANSOM/SIDE AREAS 1-3/4”



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4” PANEL 707 OR 747 - 18, 16, OR 14 GA.

TRANSOM PANEL INSTALLATION OPTIONS:

1. PANEL WELDED INTO FRAME
2. PANEL INSTALLED WITH SCREWS
3. PANEL INSTALLED WITH GLASS STOP
4. PANEL INSTALLED WITH SLIP-IN CHANNEL.

SEE PAGE 39 IN THE FRAME SECTION (MUST NOTE ON BOTH DOOR AND FRAME ORDER)

HORIZONTAL CHANNELS

“B” BEVEL BOTH EDGES SQUARE

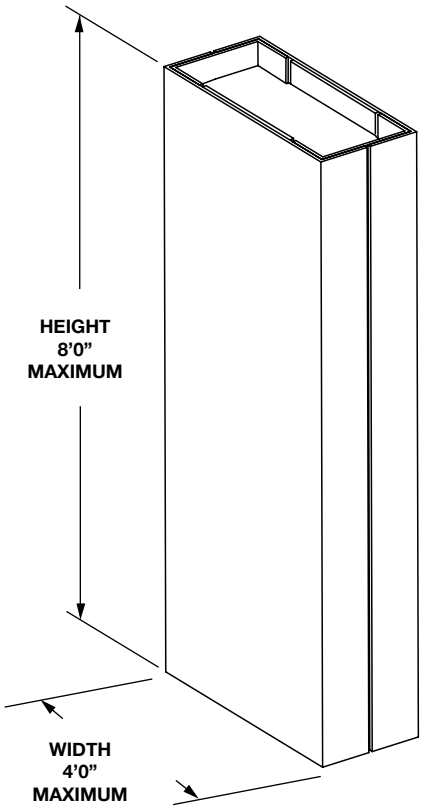
SIDE PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4” PANEL 707 OR 747 - 18, 16, OR 14 GA.

VERTICAL CHANNELS

“B” BEVEL BOTH EDGES SQUARE

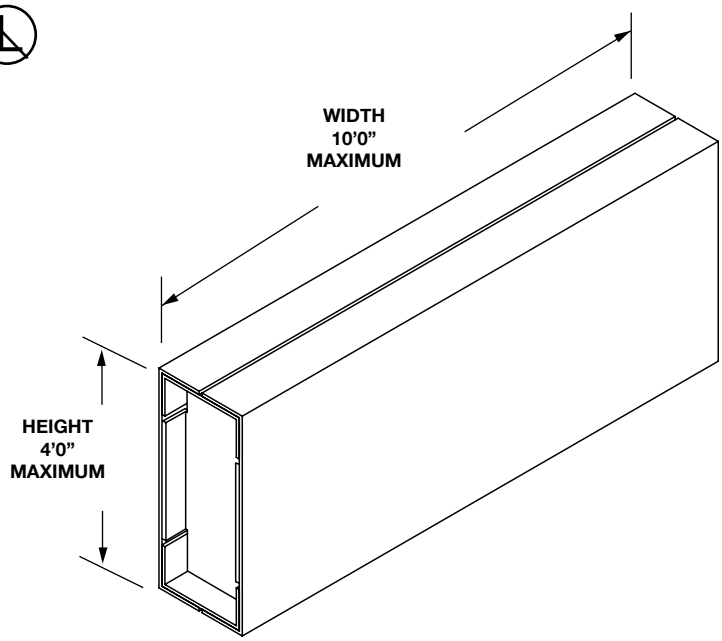


NOTE: SEE PAGE 346 AND PAGE 347 IN LABEL SECTION FOR OVERSIZE TRANSOM PANEL CAPABILITIES. REFERENCE LABEL SECTION OF TECH DATA MANUAL FOR MAXIMUM SQUARE INCH SIZE REQUIREMENTS AND OTHER FIRE LABEL CAPABILITIES.

HOLLOW METAL PANELS - TRANSOM/SIDE AREAS 1-3/4" THICK

STANDARD TOP/BOTTOM END CHANNELS

NON-LABELED



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4" PANEL 707 OR 747 - 20, 18, 16, OR 14 GA.

TRANSOM PANEL INSTALLATION OPTIONS:

1. PANEL WELDED INTO FRAME
2. PANEL INSTALLED WITH SCREWS
3. PANEL INSTALLED WITH GLASS STOP
4. PANEL INSTALLED WITH SLIP-IN CHANNEL.

SEE PAGE 39 IN THE FRAME SECTION (MUST NOTE ON BOTH DOOR AND FRAME ORDER)

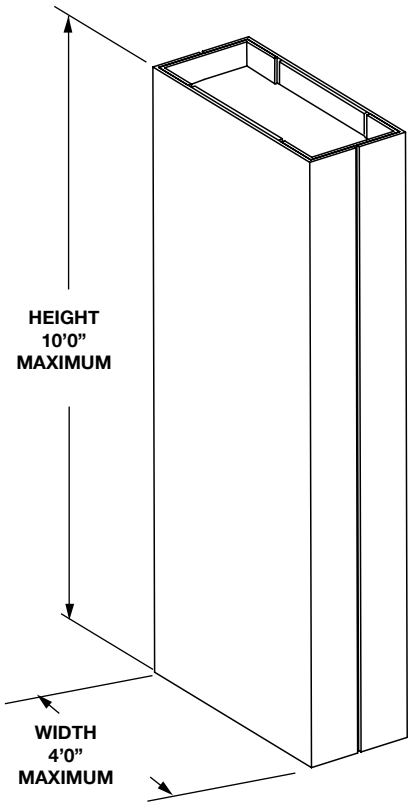
HORIZONTAL CHANNELS

"B" BEVEL BOTH EDGES SQUARE

SIDE PANELS AND DOOR PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

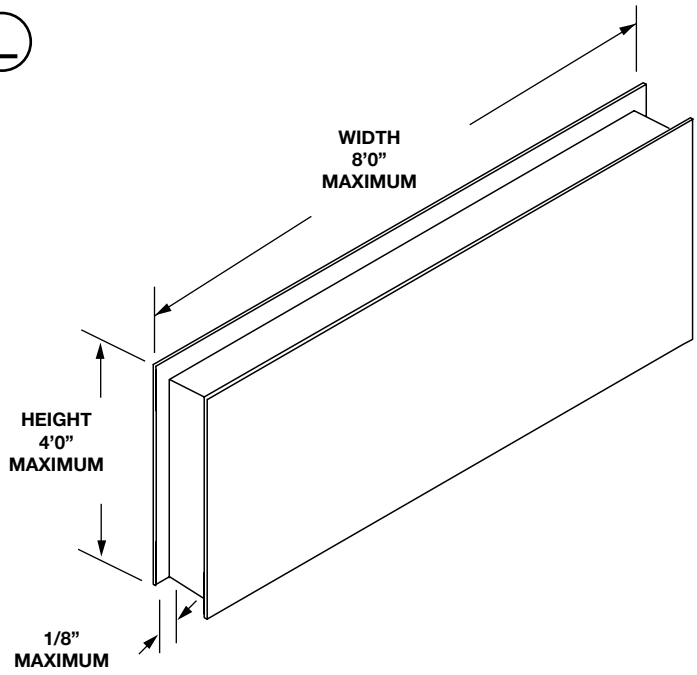
1-3/4" PANEL 707 OR 747 - 20, 18, 16, OR 14 GA.



VERTICAL CHANNELS

"B" BEVEL BOTH EDGES SQUARE

MINERAL FIBREBOARD CORE PANEL- TRANSOM/SIDE AREAS 1/2" THICK



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1/2" PANEL MINERAL FIBREBOARD CORE
20, 18, OR 16 GA. FACE SKINS

PANEL INSTALLATION OPTIONS:

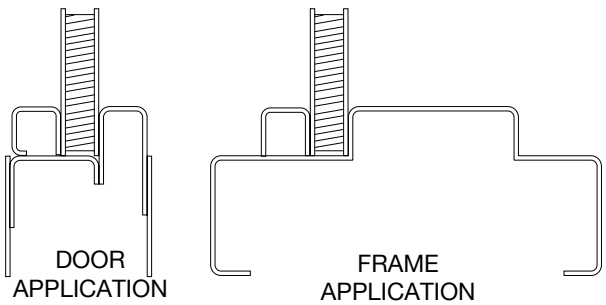
1. PANEL INSTALLED WITH GLASS STOP
2. PANEL INSTALLED INTO DOOR WINDOW KIT

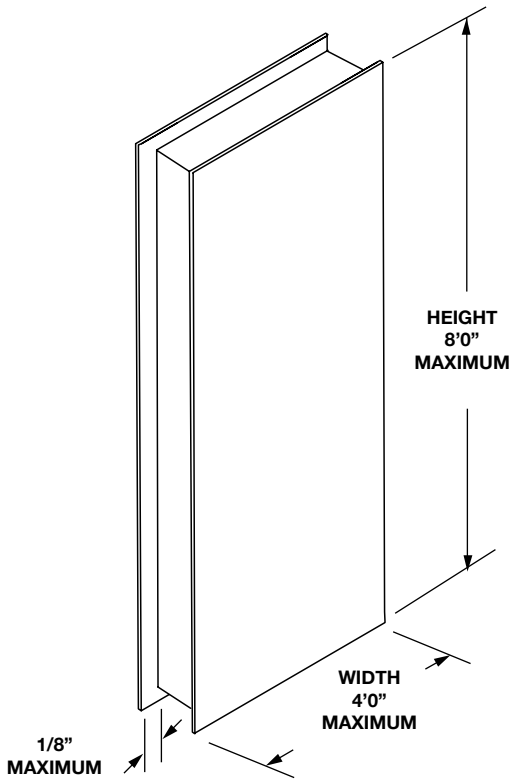
SIDE PANELS AND/OR DOOR PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1/2" PANEL MINERAL FIBREBOARD CORE
20, 18, OR 16 GA. FACE SKINS

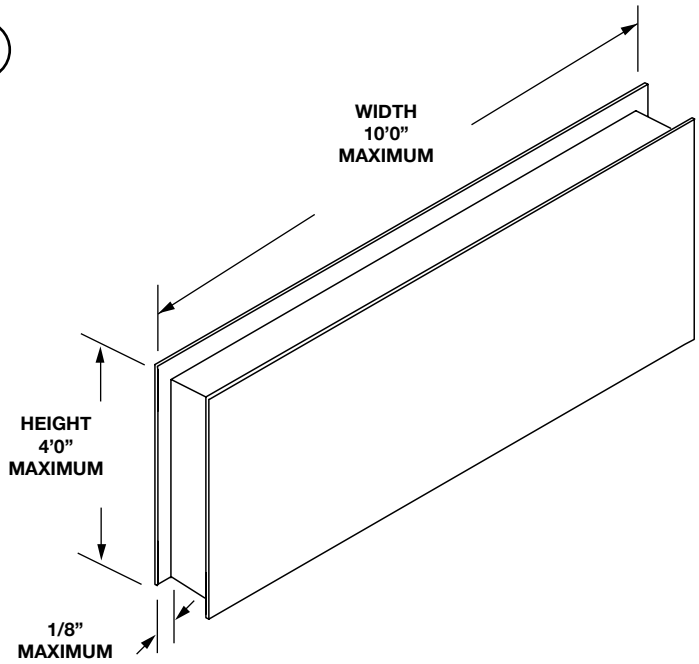
NOTE: REFERENCE LABEL SECTION OF TECH DATA MANUAL FOR MAXIMUM SQUARE INCH SIZE CAPABILITIES FOR DOORS AND FRAMES.





COMPOSITE CORE PANELS - TRANSOM/SIDE AREAS 3/8” TO 1” THICK

NON-LABELED



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1” PANEL COMPOSITE CORE
7/8” PANEL COMPOSITE CORE
3/4” PANEL COMPOSITE CORE
5/8” PANEL COMPOSITE CORE
1/2” PANEL COMPOSITE CORE
3/8” PANEL COMPOSITE CORE

20, 18, 16, AND 14 GA. FACE SKINS

TRANSOM PANEL INSTALLATION OPTIONS:

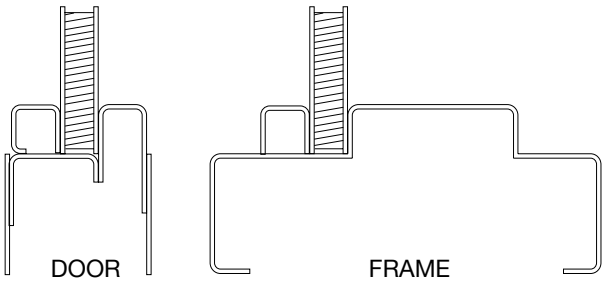
1. PANEL WELDED INTO FRAME
2. PANEL INSTALLED WITH SCREWS
3. PANEL INSTALLED WITH GLASS STOP

SIDE PANELS AND/OR DOOR PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

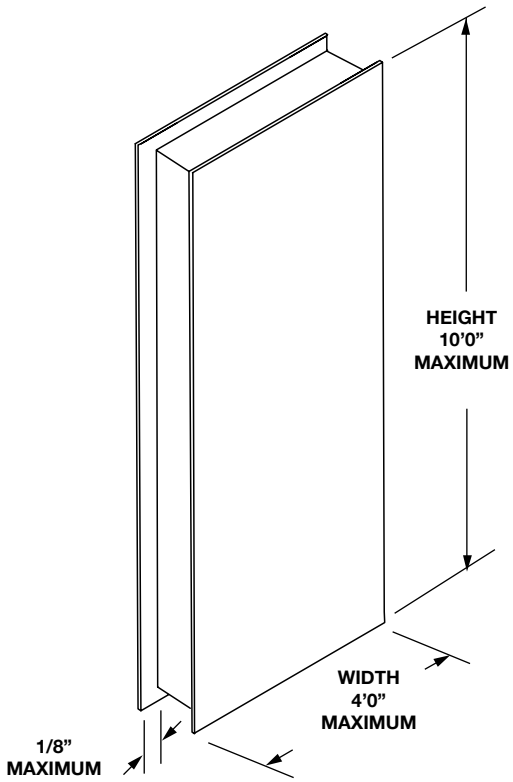
1” PANEL COMPOSITE CORE
7/8” PANEL COMPOSITE CORE
3/4” PANEL COMPOSITE CORE
5/8” PANEL COMPOSITE CORE
1/2” PANEL COMPOSITE CORE
3/8” PANEL COMPOSITE CORE

20, 18, 16, AND 14 GA. FACE SKINS



DOOR APPLICATION

FRAME APPLICATION



CURRIES

ASSA ABLOY

Windstorm

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and more open world

TECH MANUAL

HURRICANE RESISTANT

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HURRICANE TEST METHODS, REQUIREMENTS AND SPECS

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INTRODUCTION

CURRIES HURRICANE RESISTANT PRODUCTS THAT HAVE BEEN SUCCESSFULLY TESTED TO SEVERAL TEST METHODS.

THESE METHODS INCLUDE:

- HIGH VELOCITY HURRICANE ZONE (HVHZ) TEST PROTOCOLS TAS-201 – CYCLIC WIND PRESSURE LOADING AND IMPACT TEST PROCEDURE TAS-202 - CRITERIA FOR TESTING IMPACT AND NON-IMPACT RESISTANT BUILDING ENVELOPE COMPONENTS USING UNIFORM STATIC AIR PRESSURE. TAS-203 – CRITERIA FOR TESTING PRODUCT SUBJECT TO CYCLIC WIND PRESSURE LOADING
- ASTM E330 – TEST METHOD E330 STANDARD TEST METHOD FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS BY UNIFORM STATIC AIR PRESSURE DIFFERENCE.
- ASTM E1886 – TEST METHOD E1886 STANDARD TEST METHOD FOR PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, DOORS, AND STORM SHUTTERS IMPACTED BY MISSILE(S) AND EXPOSED TO CYCLIC PRESSURE DIFFERENTIALS.
- ASTM E1996 - TEST METHOD E1996 PERFORMANCE OF EXTERIOR WINDOWS, CURTAINS WALLS, DOORS AND STORM SHUTTERS IMPACTED BY WIND BORNE DEBRIS IN HURRICANES.
- UNLESS OTHERWISE SPECIFIED, PRODUCT HAS BEEN TESTED AS LARGE MISSILE IMPACE IS 9 LB 2 X 4 AT 50 FEET/SECOND OR 350 FT-LBS. (MISSILE LEVEL D).

PRODUCTS APPROVED FOR THE HIGH VELOCITY HURRICANE ZONE (MIAMI DADE AND BROWARD COUNTIES)

PRODUCTS THAT HAVE BEEN SUCCESSFULLY TESTED TO THE TAS PROTOCOLS MAY BE DESIGNATED WITH AN FBC APPROVAL NUMBER. THE NUMBER CAN BE FOUND LATER IN THIS SECTION. THE DESIGN PRESSURE REPRESENTS THE PRESSURE USED AS THE BASIS FOR TESTING THE ASSEMBLIES TO THE TAS PROTOCOLS.

FLORIDA BUILDING CODE REQUIREMENTS

THE FLORIDA BUILDING CODE SPECIFIES THAT PRODUCTS MUST BE TESTED TO EITHER THE STATE OF FLORIDA TAS OR ASTM TEST METHODS. PRODUCTS INSTALLED IN THE DADE OR BROWARD COUNTIES, (ALSO DESIGNATED AS THE HIGH VELOCITY HURRICANE ZONE (HVHZ) MUST BE SUCCESSFULLY TESTED TO THE TAS TEST PROTOCOLS. THE FLORIDA BUILDING CODE ALSO PROVIDES SEVERAL METHODS FOR ACCEPTANCE OF PRODUCTS:

- CERTIFICATION TESTING TO THE ASTM OR TAS TEST METHODS.
- THIRD PARTY CERTIFICATION - (UL, WARNOCK HERSEY)
- DADE COUNTY PRODUCT APPROVAL
- ENGINEERING EVALUATION

HURRICANE BUILDING CODE REQUIREMENTS OUTSIDE OF THE STATE OF FLORIDA

BUILDING CODES OUTSIDE THE STATE OF FLORIDA ARE TYPICALLY BASED ON ASSEMBLY PERFORMANCE. COMPONENT SUBSTITUTIONS WITHIN THOSE ASSEMBLIES MAY BE PERMITTED IF REVIEWED AND ACCEPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ). OBTAINING AHJ APPOVAL IS THE RESPONSIBILITY OF THE CUSTOMER; THEREFORE, CURRIES STRONGLY RECOMMENDS SECURING AHJ APPROVAL PRIOR TO PLACING ANY ORDER THAT WILL BE INSTALLED OUTSIDE THE STATE OF FLORIDA.

HURRICANE TEST METHODS, REQUIREMENTS AND SPECS

HURRICANE ORDER REQUIREMENTS

BASIC ORDER REQUIREMENTS FOR EACH APPROVED ASSEMBLY ARE PROVIDED ON THE FOLLOWING PAGES.

GENERAL ORDER REQUIREMENTS INCLUDE:

- PRODUCT MUST BE CONFIGURED AS DEFINED ON THE ATTACHED PAGES TO FBC REQUIREMENTS (INCLUDING HIGH VELOCITY HURRICANE ZONE).
- SINGLE DOORS CANNOT BE USED AS THE ACTIVE LEAF OF A PAIR, BUT THE ACTIVE LEAF OF A PAIR CAN BE USED AS A SINGLE DOOR.
- UNITS SMALLER THAN THE SIZE TESTED MAY BE USED
- ALL FIRE RESISTANCE REQUIREMENTS MUST BE MET TO APPLY A FIRE LABEL.
- ONLY THE ASSA ABLOY LV-WS (PREVIOUSLY MARKAR WLV60) LOUVER MAY BE USED FOR LOUVERED DOORS.
- GLAZED DOORS - SPECIFIC PRODUCTS MUST BE USED IN GLAZED DOORS. SEE INDIVIDUAL ASSEMBLIES FOR PRODUCTS, REQUIREMENTS, AND LIMITATIONS.
  - A) 1/4” THICK DADE COUNTY CLEAR POLYCARBONATE IN STALLED WITH CLOSED CELL FOAM TAPE ON BOTH SIDES OF THE POLYCARBONATE SHEET. THE POLYCAR BONATE TESTED WAS HYZOD BRAND BY DSM ENGINEERING PLASTICS CORPORATION. TYPE 1 VISION LIGHT KITS ARE USED FOR THE 1/4” POLYCARBONATE.
  - B) NEBULA GLASS GLASSLAM PLUS 2 LAMINATED GLASS ASSEMBLY INSTALLED WITH DOW CORNING 995 STRUCTURAL SILICONE PER THE MANUFACTURER’S INSTRUCTIONS. CLOSED CELL FOAM TAP IS USED ON BOTH SIDES OF THE GLASS ASSEMBLY. A TYPE 2 VISION LIGHT KIT WITH 5/8” POCKET IS REQUIRED.
  - C) SAFTIFIRST SUPERLITE IIXL IGU FOR GLASS WITH HURRICANE AND FIRE RATINGS;
    - 45 MIN. USE 1.536” THICK GLASS
    - 60 MIN. USE 1.911” THICK GLASS
    - 90 MIN. USE 2.286” THICK GLASS

    TYPE 8 VISION LIGHT KIT WITH 1” STOP HEIGHT REQUIRED.
- PRODUCT CERTIFIED BY A DADE COUNTY NOA MUST HAVE A DADE COUNTY FLORIDA ACCEPTANCE LABEL
- THE CUSTOMER SPECIFIED PRESSURE CANNOT BE GREATER THAN THE DESIGN PRESSURE OR FOR ASSEMBLIES REQUIRED TO MEET ASTM E1886. IMPACT SPEED IS 50 FEET PER SECOND.
- FOR ASSEMBLIES REQUIRED TO MEET ASTM E330 ONLY, THE CUSTOMER-SUPPLIED PRESSURE CANNOT GREATER THAN THE DESIGN PRESSURE.
- STANDARD WEIGHT OR HEAVY WEIGHT 4-1/2” X 4-1/2” OR 5” X 4-1/2” STEEL BUTT HINGES AND CONTINUOU HINGES MAY BE USED WHERE INDICATED
- TRANSOM PANELS MUST BE 1-3/4” THICK 707 OR 747 PANELS.
- TRANSOM LIGHTS MUST BE GLASSLAM PLUS2 LAMINATED GLASS ASSEMBLY WITH CLOSED CELL FOAM TAPE. POCKET WIDTH IS 5/8”. MUST USE 5/8” GLASS STOP WITH UL SCREW SPACING.
- ANCHORS - ANCHORS ARE CURRIES LOCATIONS UNLESS OTHERWISE SPECIFIED.
- MINIMUM JAMB DEPTH IS 5-3/4” - MAXIMUM JAMB DEPTH IS 14” UNLESS INDICATED OTHERWISE. FRAME MUST BE FULLY SUPPORTED BY THE WALL.
- HURRICANE RATINGS ARE BASED ON THE LOWEST RATED COMPONENT OF YOUR ASSEMBLY. WHEN COMPONENTS ARE INTERCHANGED IN AN ASSEMBLY YOUR DOOR AND FRAME WILL BE LABELED AS ORDERED AND YOUR LOWEST RATED COMPONENT WILL DICTATE THE OPENINGS ASSEMBLY RATING.

CURRIES HURRICANE-RESISTANT PRODUCTS

DESIGN PRESSURE	PRODUCT	MAXIMUM SIZE OF OPENING	HARDWARE	DOOR	FACE TYPE OR FRAME GLAZING	FOR USE IN THE HVHZ[1]	FL BUILDING COMMISION APPROVAL NUMBER
+/-150	DOOR AND FRAME (COMPONENT)	8'0"X 8'0"	SURFACE VERTICAL ROD	707 747 847	F, FP	YES	FL32087[B]
+/-150	DOOR (COMPONENT)	8'0"X 8'0"	SURFACE VERTICAL ROD	707 747	N/A	YES	FL11537
+/-150	DOOR AND FRAME	8'0"X 8'0"	MULTI POINT LOCK	707[A] 747[A]	N/A	YES	FL32083[B]
+/-150	FRAME (COMPONENT) SIDE PANEL	8'0"X 8'0"	SURFACE VERTICAL ROD	707 747	N/A	YES	FL11537
+/-115	DOOR AND FRAME COMPONENT	3'0"X 7'0"	MORTISE LOCK (LATCH BOLT AND DEAD BOLT)	757	FLUSH	YES	FL11537
+/-115	DOOR AND FRAME COMPONENT	3'0"X 7'0"	MORTISE LOCK (LATCH BOLT AND DEAD BOLT), RIM EXIT	707, OR 747	FLUSH	YES	FL8768
+/-100	DOOR AND FRAME COMPONENT	3'0"X 7'0"	CYLINDRICAL, MORTISE LOCK (LATCH BOLT AND DEAD BOLT), RIM EXIT	707, 747, 777E	FLUSH	YES	FL11537
+/-100	DOOR AND FRAME COMPONENT	3'0"X 7'0"	CYLINDRICAL, MORTISE LOCK (LATCH BOLT AND DEAD BOLT)	757	FLUSH	YES	FL11537
+/-100	DOOR AND FRAME ASSEMBLY	3'0"X 7'0"	SARGENT 8200 (LATCH BOLT AND DEADBOLT)	707	FLUSH	YES	FL8394
+/-85	DOOR AND FRAME ASSEMBLY	3'0"X 7'0"	SARGENT 6500	707	FLUSH	YES	FL8394
+/-72	DOOR AND FRAME ASSEMBLY	3'0"X 7'0"	SARGENT 8200 / SARGENT 10X LINE	707	UP TO HG (24 X 32)	YES	FL8394
+/-70	DOOR AND FRAME COMPONENT	6'0"X 7'0"	MORTISE LOCK (LATCH BOLT AND DEAD BOLT) ACTIVE, FLUSH BOLTS OR SURFACE BOLTS INACTIVE	777E	FLUSH	YES	FL11537
+/-70	DOOR AND FRAME ASSEMBLY	8'0"X8'0"	MORTHIS LOCK LATCH BOLT AND DEAD BOLT ACTIVE FLUSH BOLTS OR SURFACE BOLTS INACTIVE	707[A] 747[A]	F	YES	FL32083[B]
+/-70	DOOR (COMPONENT)	8'0"X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT) ACTIVE, SURFACE BOLTS INACTIVE, RIM EXIT, SURFACE VERTICAL ROD	707, OR 747	UP TO HG (32 X 42) UP TO FL (34 X 78)	YES	FL11537
						YES	FL8768
+/-70	DOOR (COMPONENT)	8'0"X 8'0"	RIM EXIT, SURFACE VERTICAL ROD	777E	UP TO HG (32 X 42)	YES	FL4553 FL10723
+/-70	DOOR (COMPONENT)	8'0"X 8'0"	CYLINDRICAL LOCK AND CYLINDRICAL DEADBOLT ACTIVE, FLUSH BOLTS OR SURFACE BOLTS INACTIVE; MORTISE LOCK (LATCH BOLT AND DEAD BOLT) ACTIVE, FLUSH BOLTS OR SURFACE BOLTS INACTIVE; RIM EXIT, SURFACE VERTICAL ROD	777E	FLUSH	YES	FL4553 FL10723
+/-70	FRAME (COMPONENT)	8'0"X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT) ACTIVE, SURFACE BOLTS INACTIVE, RIM EXIT, SURFACE VERTICAL ROD	N/A	N/A	YES	FL11537
						YES	FL8768
+/-70	DOOR (COMPONENT)	4'0"X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT & DEAD BOLT), RIM EXIT, SURFACE VERTICAL ROD	707, OR 747	UP TO HG (32 X 42) UP TO FL (34 X 78)	YES	FL11537
						YES	FL8768
+/-70	DOOR (COMPONENT)	4'0"X 8'0"	CYLINDRICAL LOCK, MORTISE LOCK (LATCH BOLT & DEAD BOLT) ACTIVE, RIM EXIT, SURFACE VERTICAL ROD	777E	FLUSH	YES	FL4553 FL10723
+/-70	FRAME (COMPONENT)	4'0"X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT), RIM EXIT, SURFACE VERTICAL ROD	N/A	N/A	YES	FL11537
						YES	FL8768
+/-70	DOOR (COMPONENT)	3'0"X 7'0"	MORTISE LOCK (LATCH BOLT & DEAD BOLT), CYLINDRICAL LOCK AND DEADBOLT, INTERCONNECTED LOCK	607, 707, OR 747	UP TO HG (32 X 42) UP TO FL (34 X 78)	YES	FL11537
						YES	FL8768
+/-70	FRAME: READYSET FRAME (COMPONENT)	3'0"X 7'0"	MORTISE LOCK (LATCH BOLT & DEAD BOLT), CYLINDRICAL LOCK AND DEADBOLT, INTERCONNECTED LOCK	N/A	N/A	YES	FL8768
						YES	FL8768

[A] MANUFACTURED OFFSITE / [B] LARGE MISSILE IMPACT IS 9 LB 2 X 4 AT 80 FEET/SECOND OR 895 FT-LBS (MISSILE LEVEL E)

NOTE: DOORS, FRAME, AND HARDWARE CERTIFIED TO: TAS 201, 202, 203, ASTM E330, E1886, E1996, ANSI A250.13.1) PRODUCTS APPROVED FOR USE INSIDE AND OUTSIDE HIGH VELOCITY HURRICANE ZONE (HVHZ). SEE HURRICANE-RESISTANT GUIDE ON WEBSITE. WWW.CURRIES.COM

CURRIES HURRICANE-RESISTANT PRODUCTS

DESIGN PRESSURE	PRODUCT	MAXIMUM SIZE OF OPENING	HARDWARE	DOOR	FACE TYPE OR FRAME GLAZING	FOR USE IN THE HVHZ[1]	FL BUILDING COMMISION APPROVAL NUMBER
+/-62	DOOR AND FRAME ASSEMBLY	8'0"X 8'0"	SARGENT HC8700	747	FLUSH	YES	FL8394
+/-60	DOOR (COMPONENT)	6'0" X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT) ACTIVE, SURFACE BOLTS INACTIVE, RIM EXIT, SURFACE VERTICAL ROD	707, OR 747	UP TO FG (24 X 66) UP TO FL (24 X 78)	YES	FL11537
+/-60	FRAME WITH/WITHOUT TRANSOM (COMPONENT)	FRAME 6'0" X 8'0" OR TRANSOM FRAME	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT ACTIVE), SURFACE BOLTS INACTIVE, RIM EXIT, SURFACE VERTICAL ROD	N/A	GLASSLAM LAMINATED GLASS; 707 OR 747 PANELS	YES	FL11537
+/-60	DOOR (COMPONENT)	3'0" X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT), RIM EXIT, SURFACE VERTICAL ROD	707, OR 747	UP TO FG (24 X 66) UP TO FL (24 X 78)	YES	FL11537
+/-60	FRAME WITH/WITHOUT TRANSOM (COMPONENT)	FRAME 3'0" X 8'0" OR TRANSOM FRAME	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT), RIM EXIT, SURFACE VERTICAL ROD	N/A	GLASSLAM LAMINATED GLASS; 707 OR 747 PANELS	YES	FL11537
+/-60	DOOR (COMPONENT)	3'0" X 7'0"	CONCEALED VERTICAL ROD, RIM EXIT, SURFACE VERTICAL ROD, MORTISE EXIT	607, 707, OR 747	UP TO FG (24 X 66) UP TO FL(24 X 78)	YES	FL11537
+/-60	DOOR (COMPONENT)	3'0" X 7'0"	MORTISE LOCK CYLINDRICAL LOCK INTERCONNECTED LOCK	607, 707, OR 747	UP TO FG (24 X 66) UP TO FL (24 X 78)	YES	FL11537
+/-60	DOOR (COMPONENT)	6'0" X 7'0"	RIM EXIT	607, 707, OR 747	UP TO FG	YES	FL11537
+/-60	FRAME (COMPONENT) READYSET	3'0" X 7'0"	CYLINDRICAL LOCK MORTISE LOCK	N/A	N/A	YES	FL11537
+/-60	FRAME (COMPONENT)	3'0" X 7'0"	CYLINDRICAL LOCK, MORTISE LOCK	N/A	N/A	YES	FL11537
+/-60	FRAME (COMPONENT) MAX DOOR SIZE: 3'0" X 7'0"	SIDELIGHT: 4'0" X 7'0"	CONCEALED VERTICAL ROD, CYLINDRICAL LOCK MORTISE LOCK, RIM EXIT, SURFACE VERTICAL ROD INTERCONNECTED LOCK	N/A	GLASSLAM LAMINATED GLASS; 707 OR 747 PANELS	YES	FL11537
+/-60	FRAME (COMPONENT)	TRANSOM: 3'0" X 10'2"	CONCEALED VERTICAL ROD, CYLINDRICAL LOCK MORTISE LOCK, RIM EXIT, SURFACE VERTICAL ROD INTERCONNECTED LOCK	N/A	GLASSLAM LAMINATED GLASS; 707 OR 747 PANELS	YES	FL11537
+/-60	STORE FRONT	FRAME: 10'0" HEIGHT	N/A	N/A	GLASSLAM LAMINATED GLASS 707 OR 747 PANELS	YES	FL11537
+/-57.2	DOOR AND FRAME ASSEMBLY	4'0" X 7'0"	SARGENT HC8800	747	F	YES	FL8394
+/-50	DOOR COMPONENT	3'0" X 7'0"	MORTISE LOCK, CYLINDRICAL LOCK AND RIM EXIT	607 OR 707	F	YES	FL11537
+/-50	FRAME COMPONENT	3'0" X 7'0"	MORTISE LOCK, CYLINDRICAL LOCK AND RIM EXIT	607 OR 707	N/A	YES	FL11537

NOTE: DOORS, FRAME, AND HARDWARE CERTIFIED TO: TAS 201, 202, 203, ASTM E330, E1886, E1996, ANSI A250.13.
1) PRODUCTS APPROVED FOR USE INSIDE AND OUTSIDE HIGH VELOCITY HURRICANE ZONE (HVHZ). SEE HURRICANE-RESISTANT GUIDE ON WEBSITE. WWW.CURRIES.COM

IMPACT RATED GLASS PRODUCTS

DESIGN PRESSURE +/- 60 PSF IMPACT MISSILE LEVEL - D CLEAR GLASS ONLY			
MAXIMUM FRAME SIZES			
MASONRY	MAXIMUM OVERALL TRANSOM FRAME SIZE MASONRY STUD CONSTRUCTION MAXIMUM OVERALL SIDELIGHT FRAME SIZE MASONRY STUD CONSTRUCTION MAXIMUM SINGLE OUT-SWING DOOR SIZE MAXIMUM SINGLE IN-SWING DOOR SIZE MAXIMUM PAIR OF OUT-SWING DOORS SIZE MAXIMUM SIDE LIGHT OR PANEL OPENING SIZE MAXIMUM VISIBLE LIGHT - 45/60 MINUTE MAXIMUM VISIBLE LIGHT - 90 MINUTE MAXIMUM TRANSOM LIGHT OR PANEL OPENING MAXIMUM VISIBLE LIGHT	 13'6" WIDTH 12'0" WIDTH 13'6" WIDTH 12'0" WIDTH 36" WIDTH 36" WIDTH 72" WIDTH 36" WIDTH 34-3/4" WIDTH 34-3/4" WIDTH 72" WIDTH -3/4" WIDTH	 100" HEIGHT 100" HEIGHT 100" HEIGHT 100" HEIGHT 96" HEIGHT 84" HEIGHT 96" HEIGHT 94" HEIGHT 92-3/4"HEIGHT 88-9/16" HEIGHT 14" HEIGHT 30" HEIGHT
WALL CONSTRUCTION BUILDING STRUCTURE	ALLOWED IN MASONRY, STEEL STUD, WOOD STUD, WALLS, OR STEEL		
FRAME CONSTRUCTION	16 GAUGE STEEL FRAME WITH REINFORCEMENTS AND WELDED CORNER CONSTRUCTION		
FRAME DIMENSIONS	JAMB AND MULLION DEPTH – MINIMUM - 5-3/4" - MAXIMUM - 14" JAMB FACES - 2" HEAD AND MULLION FACES - MINIMUM - 2" - MAXIMUM – 4" SOFFIT – MINIMUM - 1" RABBET (DOOR SIDE) – MINIMUM – 1-15/16" STOP HEIGHT (DOOR STOP AND GLAZING) MINIMUM – 5/8"		
REMOVABLE STOPS	MATERIAL – COLD ROLLED, GALVANIZED, GALVANNEALED, OR STAINLESS STEEL 18 GAUGE STEEL STOP DEPTH – MINIMUM 5/8" FASTENERS - #8X 1-1/2" OVAL HEAD TEK SCREWS. LOCATED 2" FROM END AND 12" ON CENTER MAXIMUM		
ANCHORS	MASONRY "T", PIPE SPACER, WIRE ANCHOR, WELDED EWA, WOOD STUD, OR STEEL STUD ANCHORS		
DOOR	HURRICANE-RESISTANT LISTED AND FIRE RATED 707, 727, OR 747		
HARDWARE RESTRICTIONS	HARDWARE RESTRICTED TO WINDSTORM LISTED PRODUCTS		

HURRICANE-RESISTANT LOUVERS

DESIGN PRESSURE +/- 70 PSF
IMPACT MISSILE LEVEL - D 350 FT/LBS
NON FIRE RATED

LOUVER NOTES:

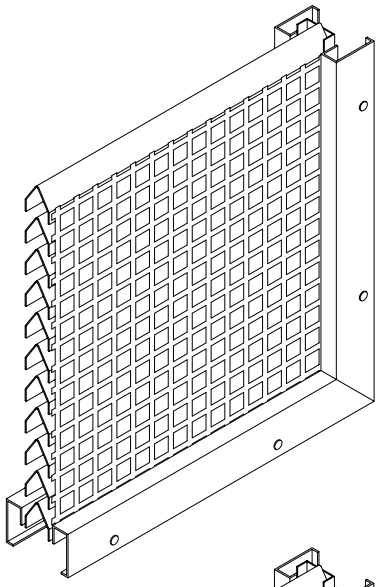
- CAN ONLY BE USED IN CURRIES 707 OR 747 DOOR CONSTRUCTION.
- ONLY ASSA ABLOY LV-WS (PREVIOUSLY ROCKWOOD WLV60) LOUVER CAN BE USED.
- LOUVER INCLUDES GALVANIZED MATERIAL AND SECURITY SCREEN.
- 20 GAUGE SURROUND CHANNEL MUST BE INSTALL ON PERIMETER OF LOUVER CUTOUT.
- MUST BE FACTORY INSTALL OR BY A UL OR WARNOCK WINDSTORM SECOND LOCATION.
- CAN BE USED WITH ANY HURRICANE-RESISTANT APPROVED HARDWARE.
- A 6" MINIMUM DIMENSION FORM STILE OR RAIL IS REQUIRED.
- BUG SCREEN IS OPTIONAL.
- FREE AIR FLOW = 40%

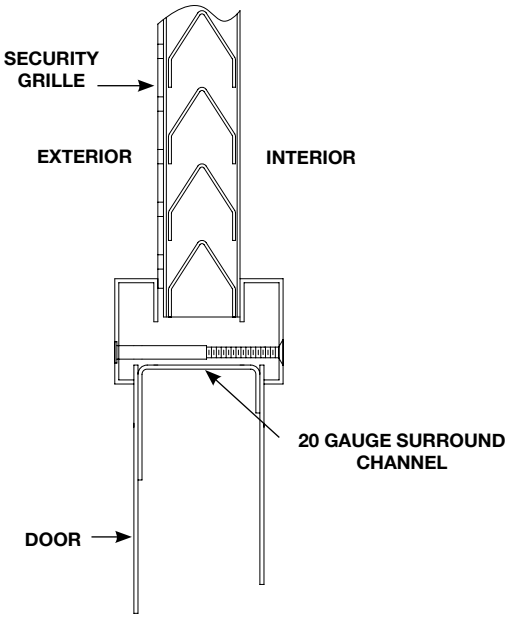
SIZES:

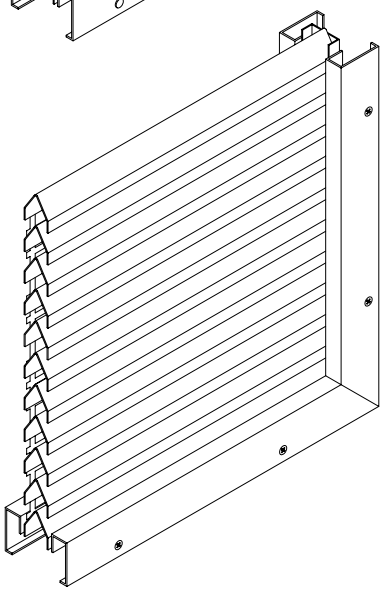
3070 DOOR – 12" MINIMUM, 24" MAXIMUM WIDTH
12" MINIMUM, 72" MAXIMUM HEIGHT

3080 DOOR – 12" MINIMUM, 24" MAXIMUM WIDTH
12" MINIMUM, 78" MAXIMUM HEIGHT

4080 DOOR – 12" MINIMUM, 34" MAXIMUM WIDTH
12" MINIMUM, 78" MAXIMUM HEIGHT

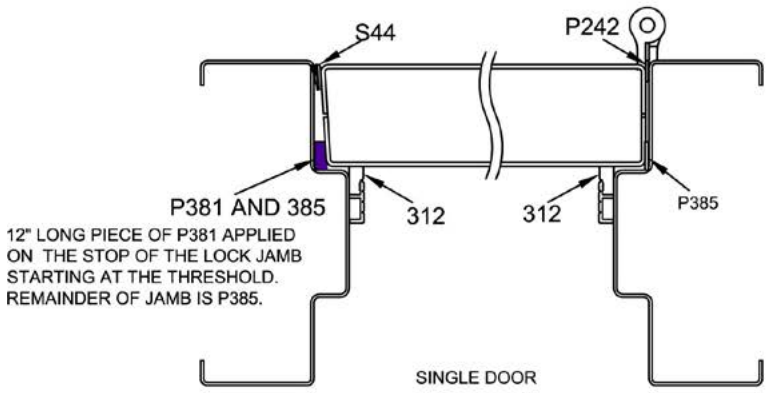


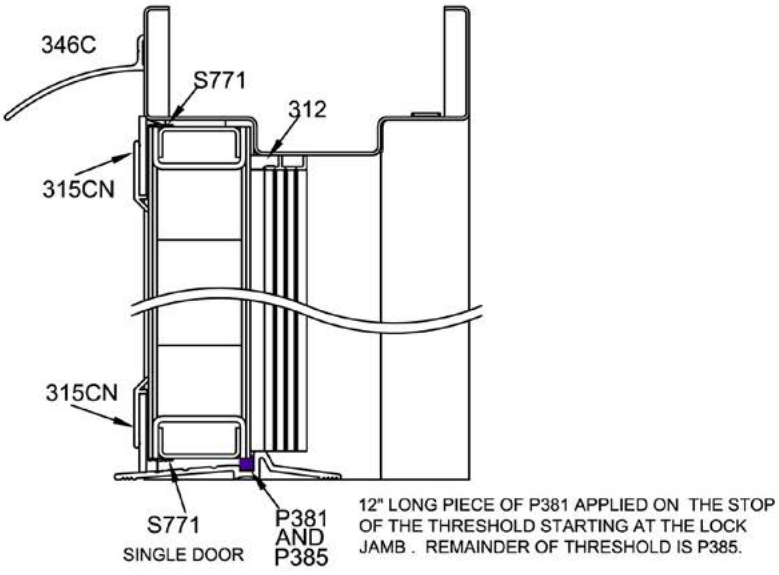


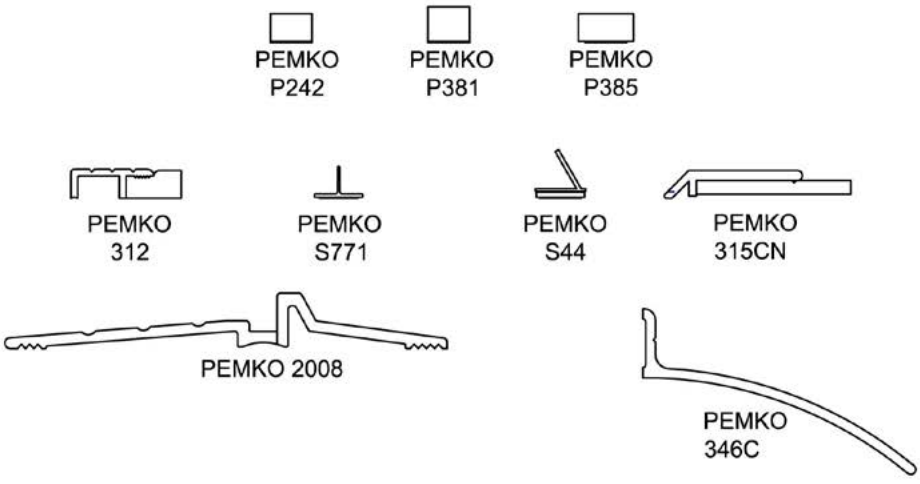


WEATHER STRIP FOR WATER INFILTRATION SINGLE DOOR PER ASTM 331/TAS 202 DESIGN PRESSURE 50 PSF

(L)







WEATHER STRIP FOR WATER INFILTRATION DOUBLE DOORS PER ASTM 331/TAS 202 DESIGN PRESSURE 60 PSF

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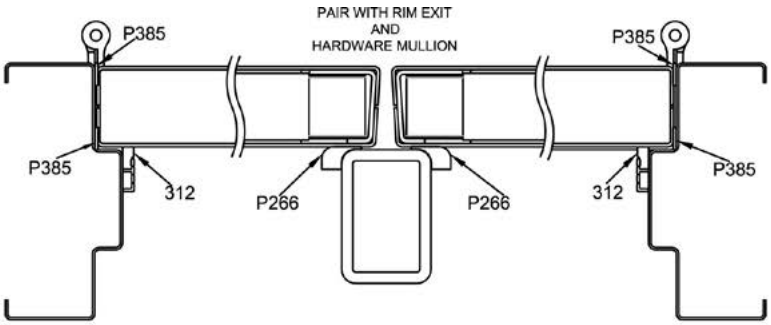
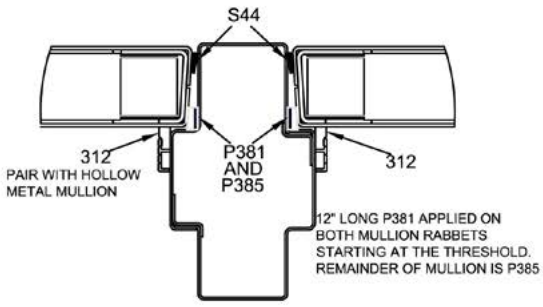
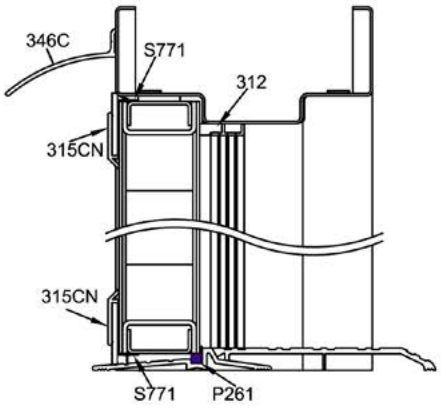
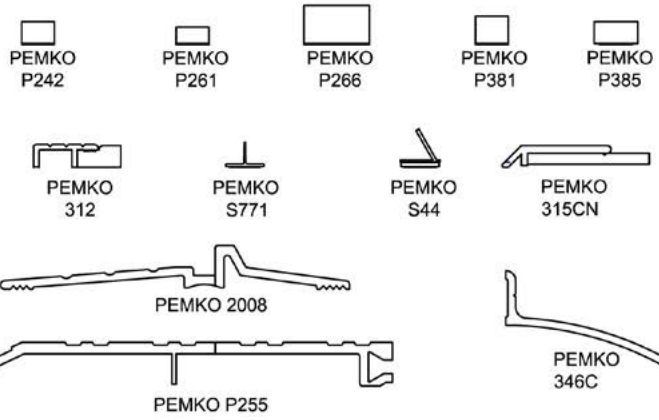








STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

1-3/4" STORMPRO® CORE/DESIGN/MATERIAL

StormPro Impact Protective Systems are a careful balance of security and safety, addressing all code requirements and tested to resist the damage associated with the strongest storms

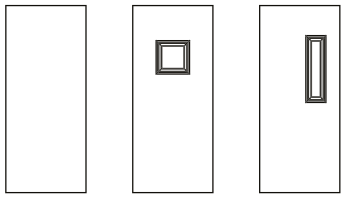
Safe room door assemblies are one of the most important components of a safe room because they must provide the same level of protection as the walls and roof, yet also remain functional for quick access. To provide reliable life-safety protection against extreme wind events, safe room door assemblies need to be certified as compliant with ICC 500, Standard for the Design and Construction of Storm Shelters, installed as specified by the manufacturer, and regularly maintained by the safe room owner or operator.

CURRIES StormPro assemblies are Certified by UL Solutions to ICC 500-2023/2020/2014, approved by the Florida Building Commission (FBC) under FL40296, and recognized by the Texas Department of Insurance (TDI) third-party evaluation reports through FL40296. Assemblies may be UL10B/UL10C fire rated up to 3 hours for flush designs and up to 90 minutes for glazed designs.

SUGGESTED USE:

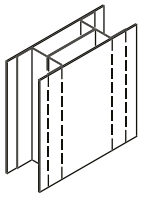
- Schools (K-12 and Universities)
- Worship and Community Centers
- Healthcare and Government Facilities
- Community Shelters and Safe Houses
- 911 Call Stations and Emergency Operations Centers
- Fire Rescue, Ambulance and Police Stations
- Data Centers
- Distribution Centers and Warehouses

DOOR DESIGNS

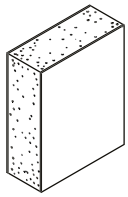


F FV FNV9

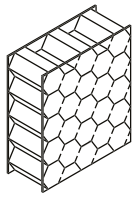
CORE OPTIONS



Steel Stiffened (747)
Standard



Polystyrene (707)
Optional



Honeycomb (707)
Optional

MATERIAL

Door Face Sheets	Level	CRS	Galv.			Recommended Door Frame Material
			A40	A60	G90	
14 Gauge Steel	Maximum Duty	Standard	Optional	Optional	Optional	14 or 12 Gauge Steel
12 Gauge Steel	ANSI/NAAMM	Standard	Optional	Optional	N/A	12 Gauge Steel

PERFORMANCE

Physical Endurance / Level:	Meets ANSI/SDI A250.4 Performance Test: Level A (1,000,000 Cycles)

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

1-3/4" STORMPRO® ASSEMBLY CONFIGURATIONS AND DOOR ELEVATIONS

Assembly Configurations

Latching Hardware			Assy	Door Design	Swing	Single		Pair		ICC 500-2023/2020/2014			UL ZHLA ASSY	FEMA	UL10B / UL10C FIRE
Type	Manufacturer	Model				Min	Max	Min	Max	Design Tornado Pressure	Design Wind Pressure	Missile Critera			
Surface Vertical Rod Exit Device	Sargent	FM8700 or FM-PE8700 Series	Exits	F	Out-Swing	2'8" x 6'8"	4'0" x 8'0"	5'4" x 6'8"	8'0" x 8'0"	± 284 psf	± 227 psf	15-lb Lumber 2x4 @ 100 mph	47[1]	361 / 320	3 hr
	Corbin Russwin	PED5400 FE Series		FV, FNV9									64[2]		90 min
Multi-Point Exit Device	Corbin Russwin	FE5400S Series		F	Out-Swing	2'8" x 6'8"	4'0" x 8'0"	5'4" x 6'8"	8'0" x 8'0"				51[1]		3 hr
				FV, FNV9									65[2]		90 min
Multi-Point Lock	Sargent	FM7300 Series	MPL	F	In-Swing / Out-Swing	2'8" x 6'8"	4'0" x 8'0"	5'4" x 6'8"	8'0" x 8'0"				45[1]		3 hr
	Corbin Russwin	FE6600 Series		FV, FNV9									61[2]		90 min
	Sargent	FM6100 Series		F	In-Swing / Out-Swing	2'6" x 3'0"	4'0" x 6'8"	5'2" x 3'0"	8'2" x 6'8"				46[2]		3 hr
	Corbin Russwin	FE6700 Series													
Deadbolt (3x)	Medeco	Maxum	320	F	In-Swing / Out-Swing	2'8" x 6'8"	3'0" x 7'0"	N/A	N/A	± 254 psf	± 203 psf		53[1]	320	N/A
Cylindrical Lock	Sargent	10-Line											54[2]		
	ASSA ABLOY ACCENTRA	5400		FV	In-Swing						N/A				

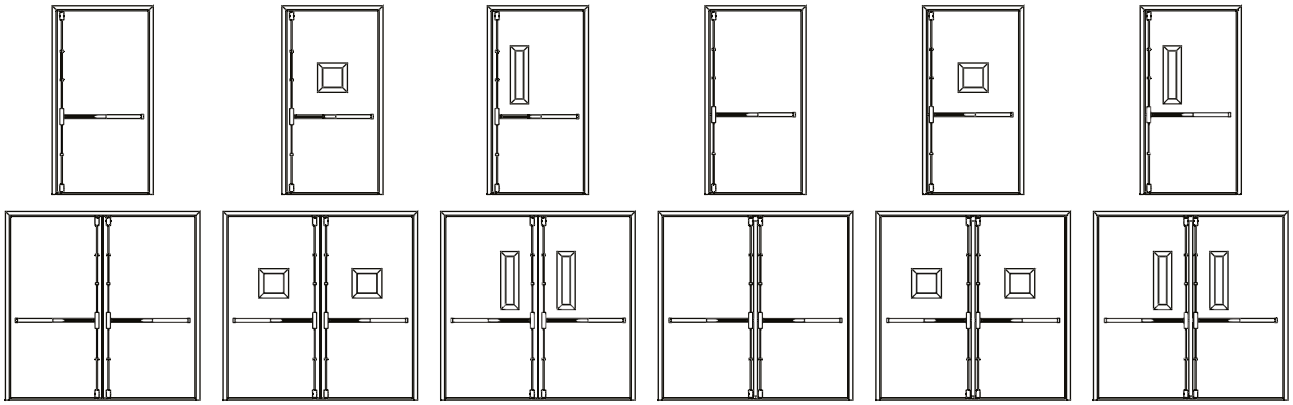
[1] Design pressures, assembly construction, and manufacturing location may vary to comply with domestic government sourcing regulations, trade agreements or acquisition policies. See UL Solutions ZHLA Guidecard or FBC installation instructions for limitations.
[2] Assembly may not comply with domestic government sourcing regulations, trade agreements or acquisition policies.

Approved hinge options

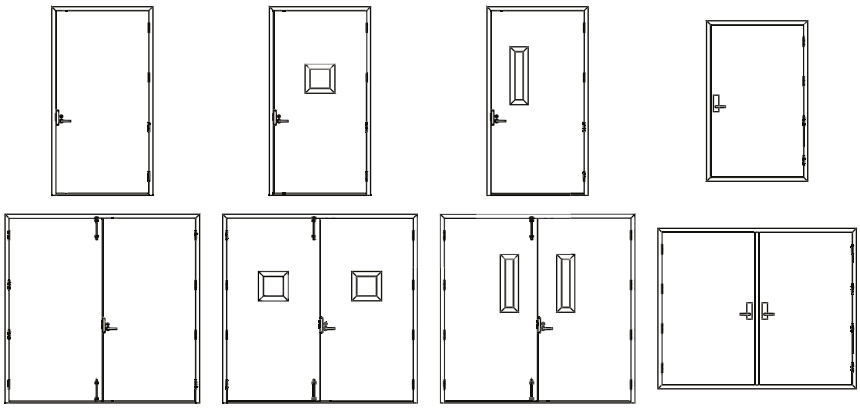
Approved accessories

Door Elevations

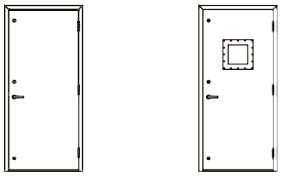
Exit Device Assemblies



Multi-Point Lock Assemblies



320 Assemblies

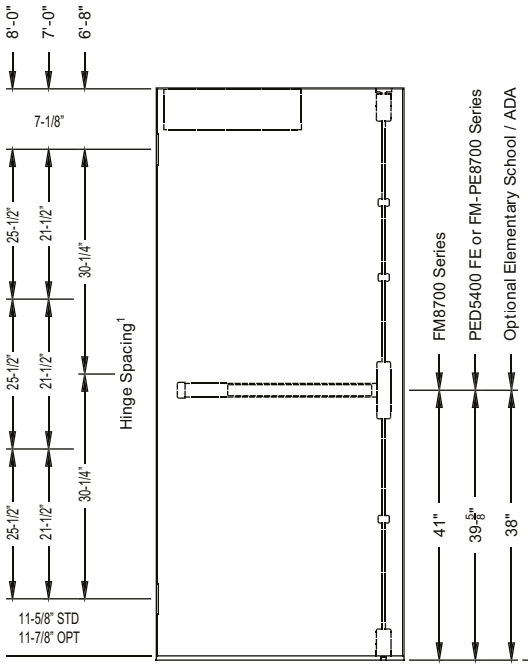


STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

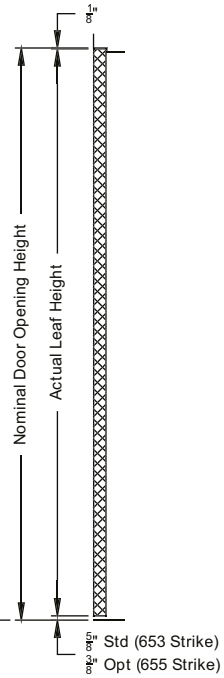
1-3/4" STORMPRO® DOOR CLEARANCES AND HARDWARE LOCATIONS

DOORS WITH CORBIN RUSSWIN PED5400 FE, SARGENT FM8700, OR FM-PE8700 SERIES SURFACE VERTICAL ROD EXITS

Door Elevation

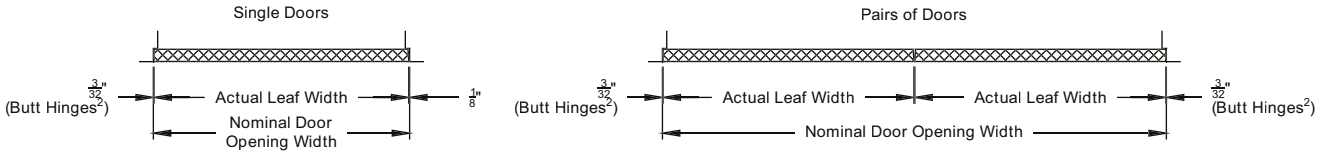


Vertical Section



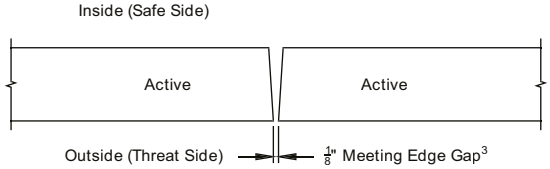
[1] Doors 7'0" height and above require (4) butt hinges. Doors less than 7'0" height require (3) butt hinges

Horizontal Sections



[2] For continuous hinges, manufacturer's template will determine clearance.

Meeting Edge Detail



[3] ICC 500-2023 requires that meeting edge gap be 3/16" maximum.

- Both leaves of pairs must use approved surface vertical rod exit device hardware.
- Fire rated single openings: (4) thermal pins required on lock edge of door (thermal pins supplied by others). See hardware manufacturer's installation documents for field prep instructions.

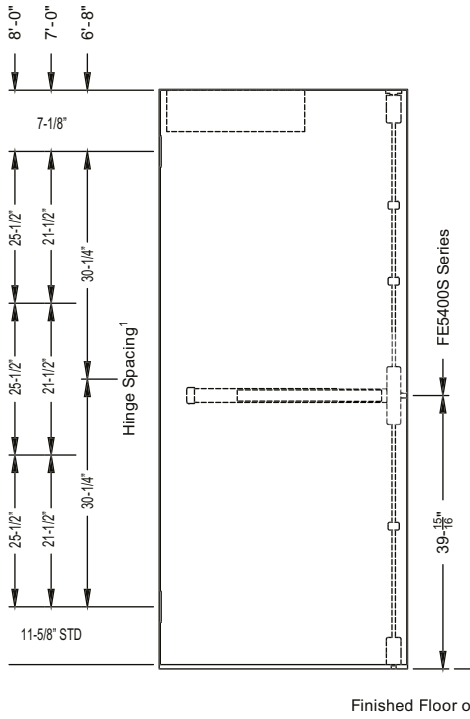
- Door construction details
- Light kit details

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

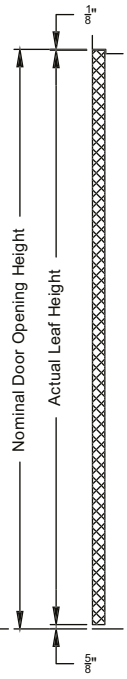
1-3/4" STORMPRO® DOOR CLEARANCES AND HARDWARE LOCATIONS

DOORS WITH CORBIN RUSSWIN FE5400S SERIES MULTI-POINT EXITS

Door Elevation

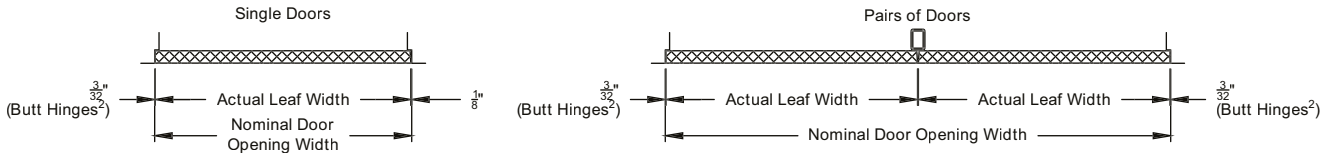


Vertical Section



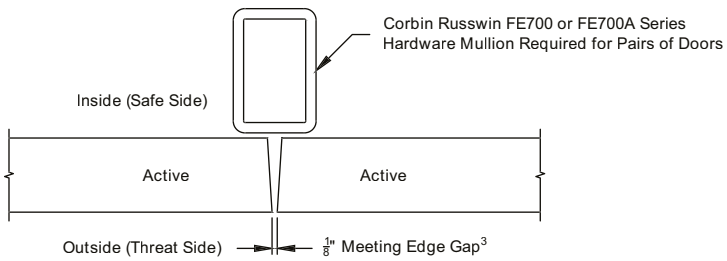
[1] Doors 7'0" height and above require (4) butt hinges. Doors less than 7'0" height require (3) butt hinges

Horizontal Sections



[2] For continuous hinges, manufacturer's template will determine clearance.

Meeting Edge Detail



[3] ICC 500-2023 requires that meeting edge gap be 3/16" maximum.

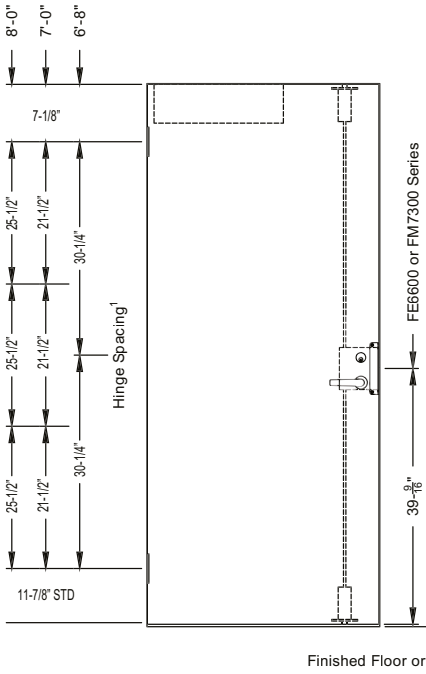
- Both leaves of pairs must use approved surface vertical rod multi-point exit device hardware.
- Door construction details
- Light kit details

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

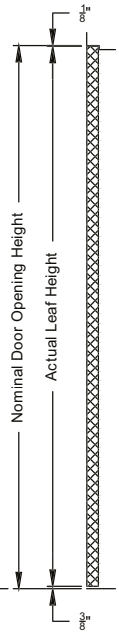
1-3/4" STORMPRO® DOOR CLEARANCES AND HARDWARE LOCATIONS

DOORS WITH CORBIN RUSSWIN FE6600 OR SARGENT FM7300 SERIES MULTI-POINT LOCKS

Door Elevation

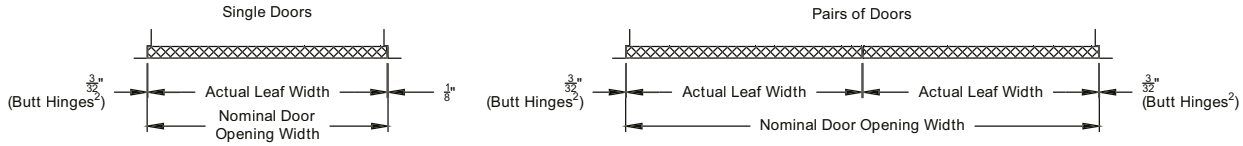


Vertical Section



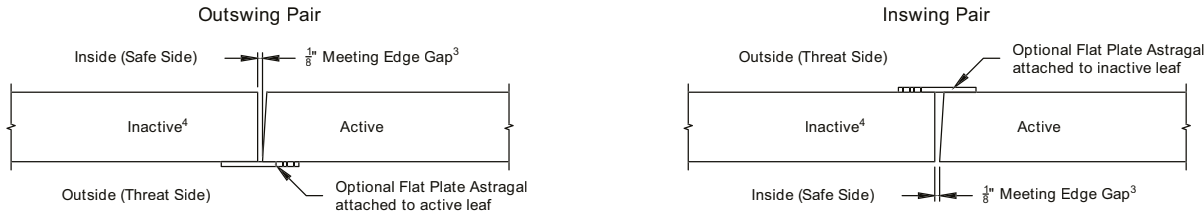
[1] Doors 7'0" height and above require (4) butt hinges. Doors less than 7'0" height require (3) butt hinges

Horizontal Sections



[2] For continuous hinges, manufacturer's template will determine clearance.

Meeting Edge Detail



[3] ICC 500-2023 requires that meeting edge gap be 3/16" maximum.
[4] Standard inactive leaf lock edge will have square bevel. Doors required to meet various domestic sourcing regulations, trade agreements or acquisition policies will be supplied with a beveled lock edge and flat plate astragal will be required.

- Concealed vertical rod assemblies (rods, latches, and cassette) must be factory installed in a CURRIES StormPro door. All other hardware components are shipped directly from Corbin Russwin or Sargent and are recommended to be installed by a factory trained installer. Important: do not remove any hardware blocking or filler plates in the door or frame until the mortise lock is ready to be installed.
- Inactive leaf of pairs must use ASSA ABLOY ACCENTRA 988Y, Corbin Russwin 988CR, or Sargent 988 Series Surface bolts.

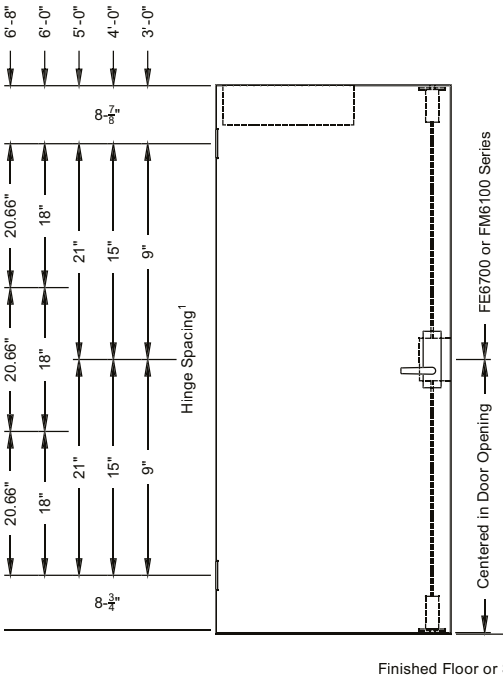
- Door construction details
- Light kit details
- Communicating opening handing details

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

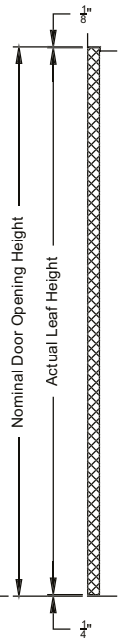
1-3/4" STORMPRO® DOOR CLEARANCES AND HARDWARE LOCATIONS

DOORS WITH CORBIN RUSSWIN FE6700 OR SARGENT FM6100 SERIES MULTI-POINT SHUTTER LOCKS

Door Elevation

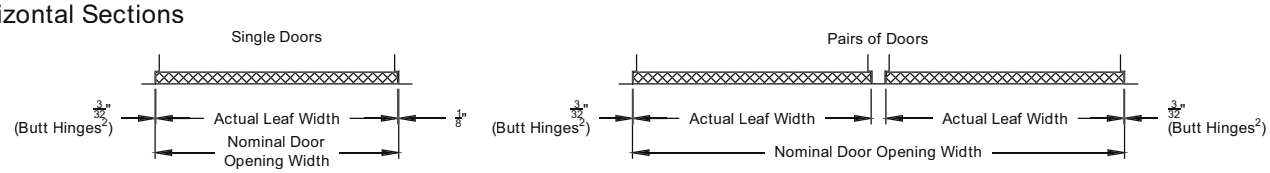


Vertical Section



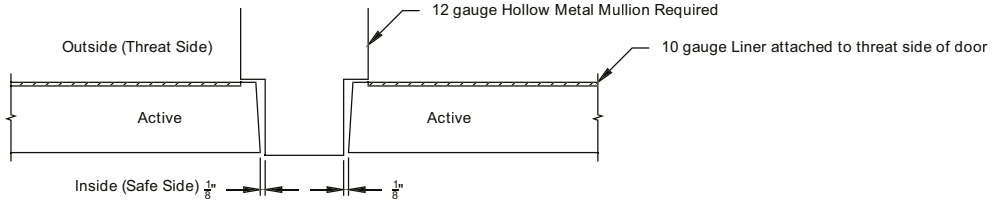
[1] Doors over 5'0" height require (4) butt hinges. Doors up to and including 5'0" height require (3) butt hinges

Horizontal Sections



[2] For continuous hinges, manufacturer's template will determine clearance.

Meeting Edge Detail



- Both leaves of pairs must use approved multi-point shutter lock hardware.

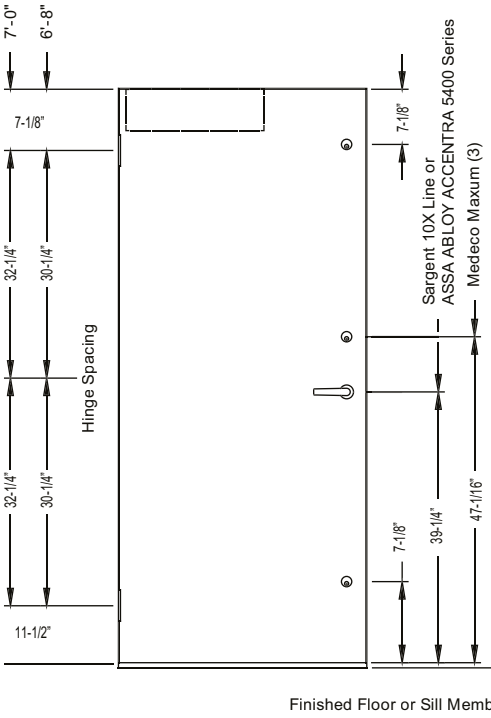
- Door construction details
- Handing details

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

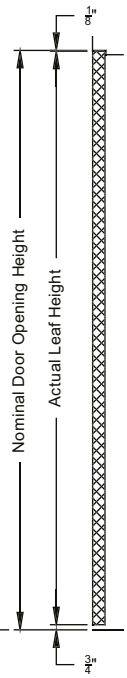
1-3/4" STORMPRO® DOOR CLEARANCES AND HARDWARE LOCATIONS

DOORS WITH SARGENT 10X LINE OR ASSA ABLOY ACCENTRA 5400 SERIES CYLINDRICAL LOCKS AND (3) MEDECO MAXUM SERIES DEADBOLTS

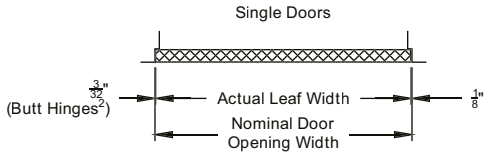
Door Elevation



Vertical Section



Horizontal Sections



[2] For continuous hinges, manufacturer's template will determine clearance.

- Optional SP320HDWE hardware package (shipped loose) includes:
  - (1) Sargent 10 Line or 10X Line grade 1 passage cylindrical lock set (28-10U15 LL 26D LHR or 10XU15 LL 26D LHR)
    - Cylindrical lock model may vary based on availability
  - (3) Medeco Maxum commercial high security deadbolts (11C602 T2626-DL-T-N, KA3)
  - (3) McKinney StormPro heavy weight full mortise butt hinges (SP3786 4-$\frac{1}{2}$" X 4-$\frac{1}{2}$" x 0.180" 26D)
- Door construction details
- Light kit details

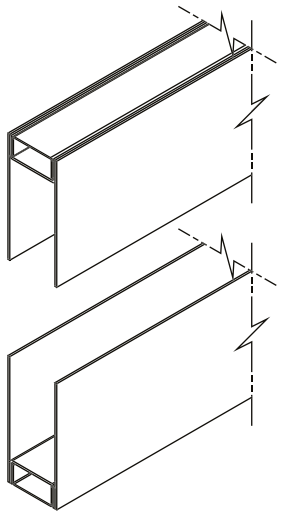
STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

1-3/4" STORMPRO® DOOR CONSTRUCTION

End Channels

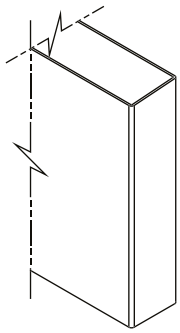
Standard 14 Gauge Steel Top and Bottom Channels w/ 18 Gauge Steel Top Cap
- Inverted top and bottom channels welded to both face sheets
- Welded top cap

Optional screw applied steel bottom closing cap



Vertical Edges

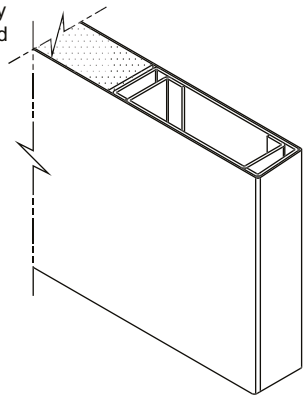
Standard Seamless Vertical Edges
- Seams welded full height, ground, dressed, and filled smooth



Lock Reinforcement

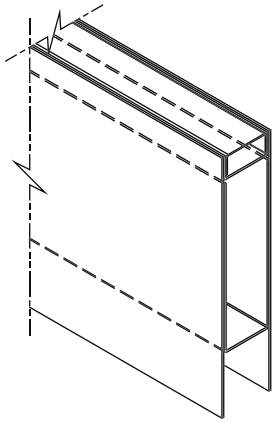
Standard Full Height 12 Gauge Steel Lock Reinforcement Channel Assembly
- Assembly configuration varies based on latching hardware

Lock edge is beveled 1/8" in 2" (1:16)



Closer Reinforcement

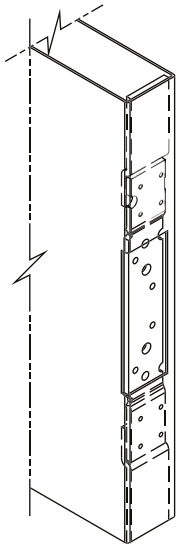
Optional 14 Gauge Steel Channel
- Standard 20" Long (C1)
- (2) Standard closer reinforcements butted together (C2)



Butt Hinge Preparation

4-1/2" x 0.180" Heavy Weight Full Mortise Hinge Preps
- 7 gauge steel hinge reinforcement with 7 gauge steel overlapping hinge straps
- ANSI A156.7 template
- Optional 5" x 0.190" heavy weight full mortise hinge preps

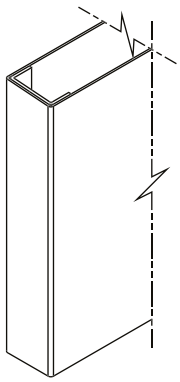
Standard hinge edge is handed and square
Optional handed and beveled hinge edge 1/8" in 2" (1:16)



Continuous Hinge Preparation

Full Height 14 Gauge Steel Continuous Hinge Reinforcement

Standard hinge edge is square
Optional handed and beveled hinge edge 1/8" in 2" (1:16)

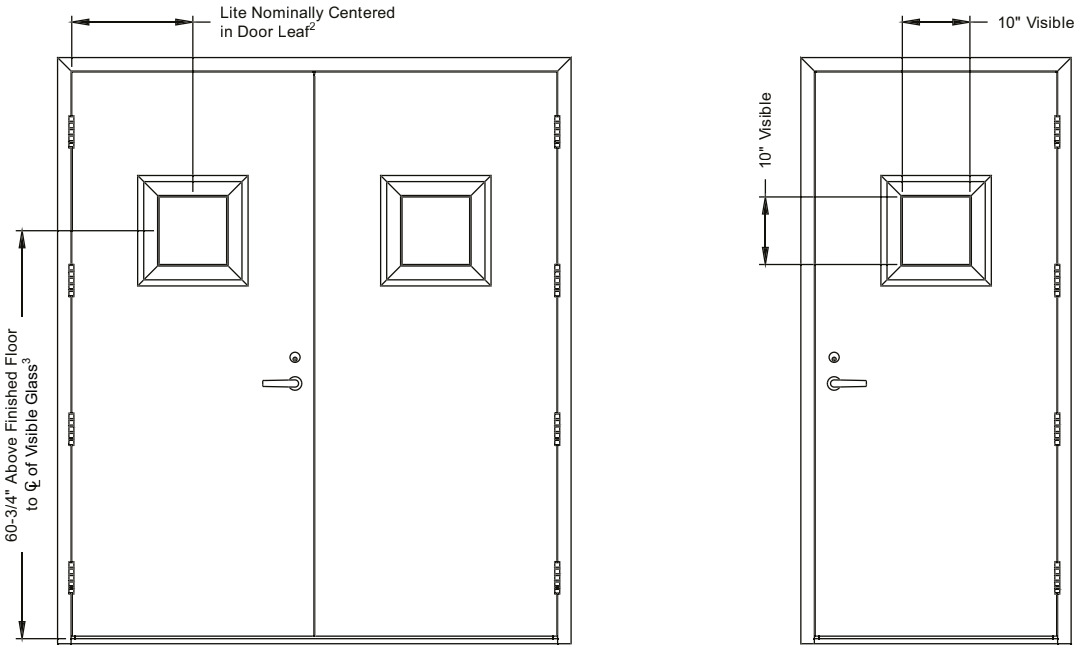


Door construction may vary to comply with domestic government sourcing regulations, trade agreements or acquisition policies.

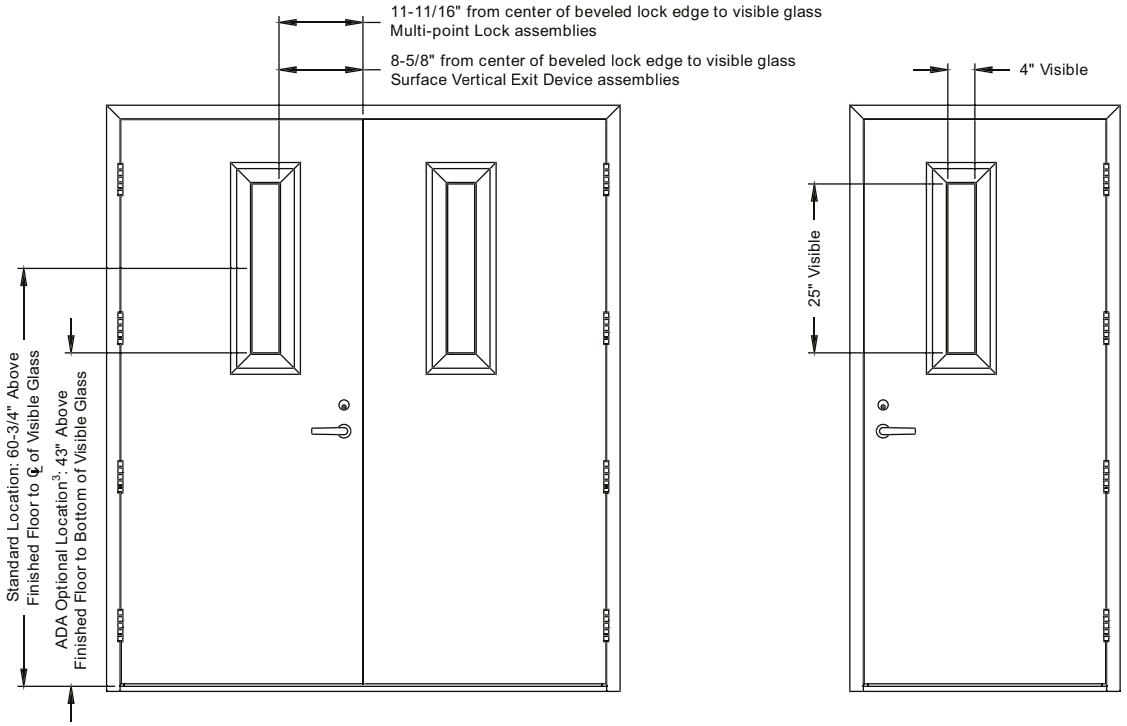
STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

STORMPRO® FACTORY INSTALLED GLASS LIGHTS

Vision Lite[1]



Narrow Lite[4]

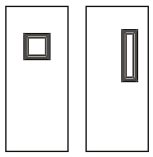


[1] Vision Lite Option not available on on doors with FE6700 or FM6100 multi-point shutter hardware.
[2] Doors with FE6600 or FM7300 multi-point hardware and less than 2'10" nominal width Vision Lite will be slightly offset to the hinge side of the leaf.
[3] ADA optional location not available on Vision Lite or Narrow Lite with FE5400S multi-point exit device hardware.
[4] Narrow Lite Option not available on doors with FE6700 or FM6100 multi-point shutter hardware or 320 door assemblies.

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

STORMPRO® FACTORY INSTALLED GLASS LIGHT DETAILS

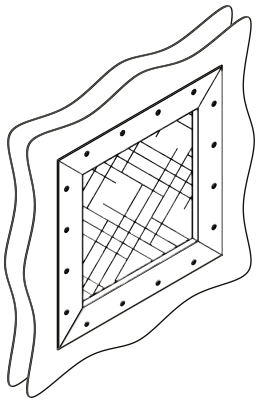
Factory Installed Field Replaceable Glass Lite



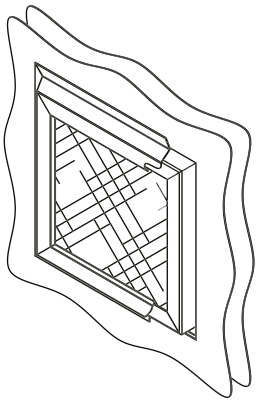
FV FNV9

- Lite kit comes fully installed from the factory in 10" x 10" or 4" x 25" visible glass configurations.
- ICC 500 rated for both Hurricane and Tornado Hazards.
  - Design Tornado Pressure: 284 psf
  - Design Wind Pressure: 227 psf
- Can be fire rated up to and including 90 minutes.
- Nominal glass thickness is 2-$\frac{3}{8}$". Glass and trim will extend beyond the face of the door on threat side.
- Flush trim with fasteners will always be to the interior (safe/shelter side) of the opening.
- Patented field replacement module allows for easy end user replacement of damaged glass without replacing the door. www.assaabloydss.com/patents
- Not available on StormPro 320 doors or doors using multi-point shutter lock hardware.

Inside (Safe Side)

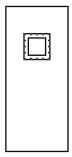


Outside (Threat Side)



Contact your Customer Service Representative for replacement module kit ordering.
StormPro Replaceable Glass Module Installation Instructions

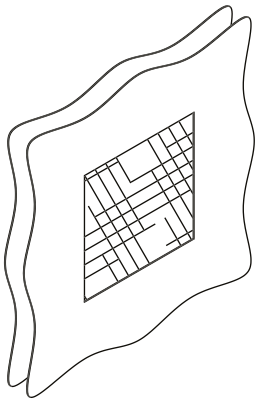
Factory Installed 320 Vision Lite



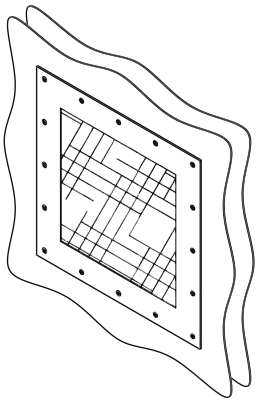
FV

- Lite kit comes fully installed from the factory in 10" x 10" visible glass configuration only.
- Inswing assemblies only.
- ICC 500 rated for Tornado Hazard only.
  - Design Tornado Pressure: 254 psf
- Fire rating not available.
- Nominal glass thickness is 1-$\frac{17}{64}$".
- Flush trim with fasteners will always be to the exterior (threat/storm side) of the opening.
- Patented glazing kit. www.assaabloydss.com/patents
- Only available on StormPro 320 assemblies.

Inside (Safe Side)



Outside (Threat Side)



Field Replaceable and 320 Glass Lites:

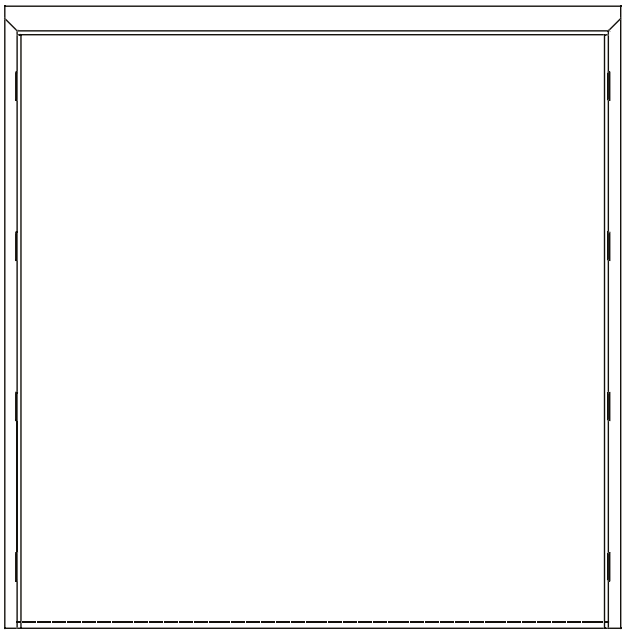
For exterior openings it is recommended to apply a bead of high quality glazing sealant around the full perimeter between trim and glass and between trim and door.
- Fire rated assemblies require the use of a fire rated sealant to maintain rating.

Cleaning Instructions:

For routine cleaning, use a soft, clean, grit-free cloth and mild soap, detergent, or non-stringent window cleaning solution (safe for polycarbonate glass). Care must be taken not to scratch the interior protective surfaces. Do not use bristle brushes or abrasive cleaning materials. A soft cloth or clean synthetic sponge is recommended for washing and do not use the same cloth or sponge for wiping sills or frames. It is recommended to use a different sponge, cleaning cloth and water for cleaning the outside and inside of the windows.

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

STORMPRO® FRAME PROFILES AND CONFIGURATIONS



StormPro Profiles	"A" Depth[1]		"B" Backbend[2]	"C" Face[1]			
				Jamb		Head/Sill	
	Min.	Max.		Min.	Max.	Min.	Max.
M-Unequal	4-1/2"	14"	1/2"	1-1/2"	2"	1-1/2"	4"
M-Equal	4-5/8"	14"		1-1/2"	2"	1-1/2"	4"
G	4"	14"		1-1/2"	2"	1-1/2"	4"
MK[3]	4"	14"		N/A	N/A	3/4"	2"
Mullion M-Unequal	4-1/2"	14"	N/A	2"		N/A	
Mullion M-Equal	4-5/8"	14"					
Mullion G	4"	6-1/2"					

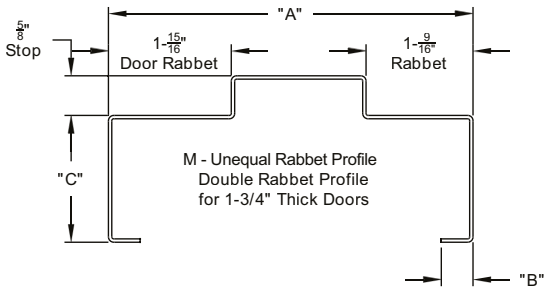
[1] Depth and face available in 1/8" increments
[2] Backbend for 5-3/4" depth frames will be 7/16"
[3] MK profiles only available as sill members in four sided frames

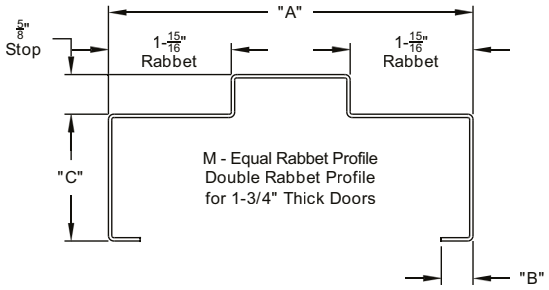
Notes:

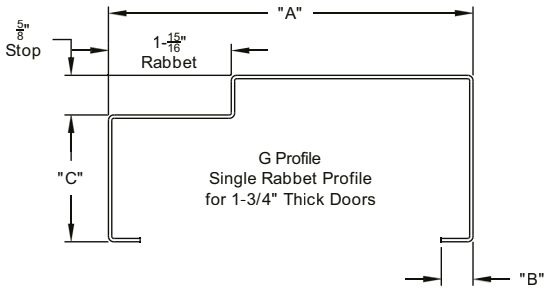
- Minimum/maximum frame depths and face sizes may be limited by hardware and/or anchor type. Consult factory for limitations.
- Three and four sided frame options.
  - Four sided frames welded corner only.
  - Rabbeted profile sill members M/G available with multi-point lock and multi-point shutter lock hardware only.
- KD corner construction limited to 16 & 14 gauge.
  - 16 gauge frames only available on StormPro 320 assembly.
- 12 gauge frames welded corner only.
  - 12 gauge frames not available on StormPro 320 assembly.
- Frames for pairs of doors with multi-point shutter lock hardware only available in four sided frame with hollow metal mullion.
  - Hollow metal mullion will be 12 gauge regardless of frame guage.
  - Hollow metal mullion depth must equal frame depth.
  - Hollow metal mullion not available with any other hardware configuration.

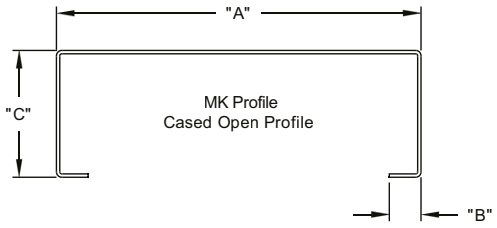
- Opening size limitations
- Hinge and strike locations
- Corner options
- Handing information and limitations
- Anchor options

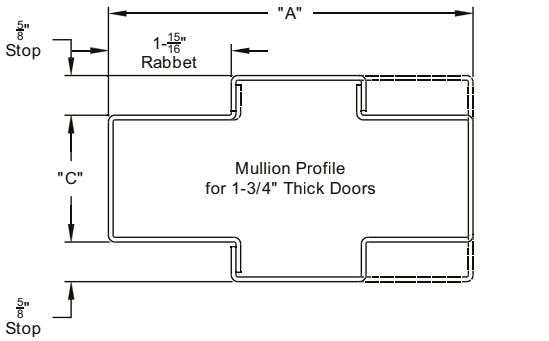
Frame Profiles







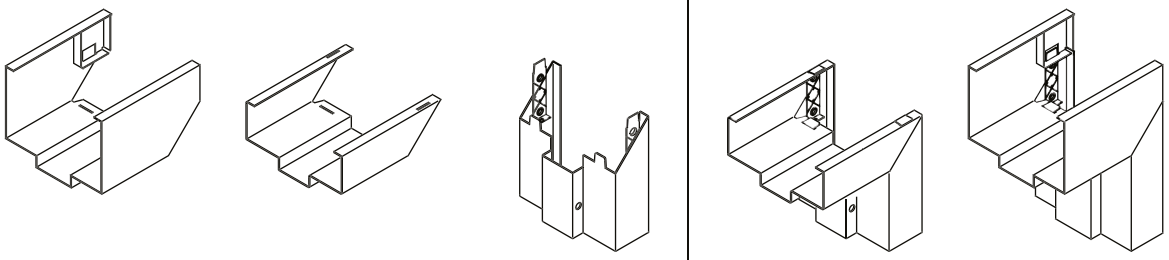




STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

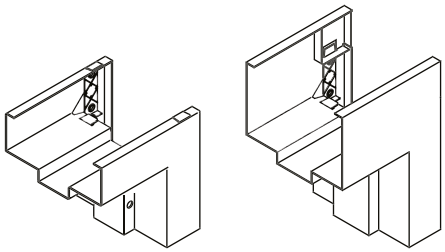
STORMPRO® FRAME CORNER OPTIONS

Knocked Down Corner (KD)



Die-mitered corner shipped "Knocked Down" for assembly at the job site.
- Only available on equal face frames or frames with 2"-4" head/sill faces.

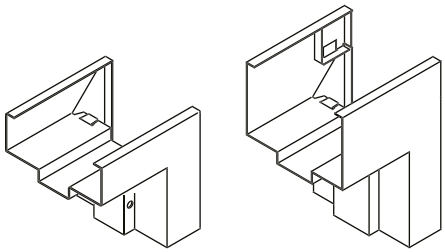
Field Welded Knocked Down Corner



KD corner frame must be assembled and mechanically fastened per installation instructions. After welding outside corners must be dressed, ground smooth, and spot primered.

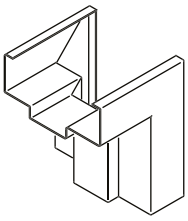
- Only available on equal face frames or frames with 2" jamb faces & 2-1/2"-4" head/sill faces.

Die-Miter Welded Corner (SW/FW)



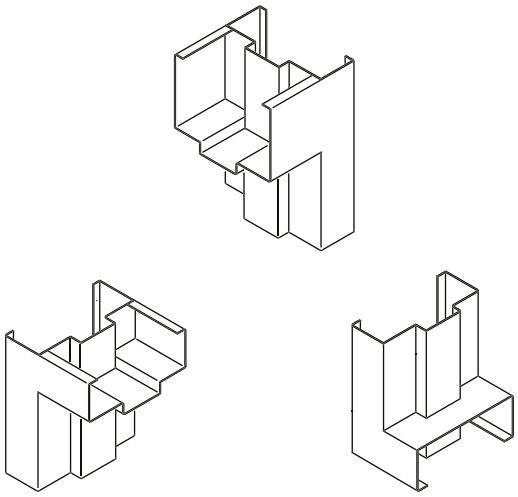
Factory welded die-mitered corner. Outside faces are dressed, ground smooth, and spot primered.
SW - Inside face weld only
FW - Inside face weld and full web weld
- Only available on equal face frames or frames with 2" jamb faces & 2-1/2"-4" head/sill faces.

Saw-Miter Welded Corner (SMW)



Factory welded saw-mitered corner. Outside faces are dressed, ground smooth, and spot primered.
SMW - Inside face weld and full web weld
- Only available on equal face frames.

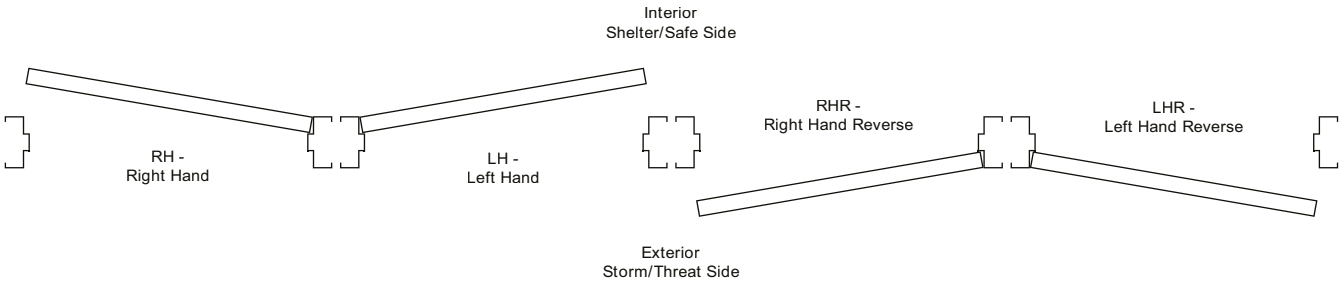
Butted and Welded Corner (BEW)

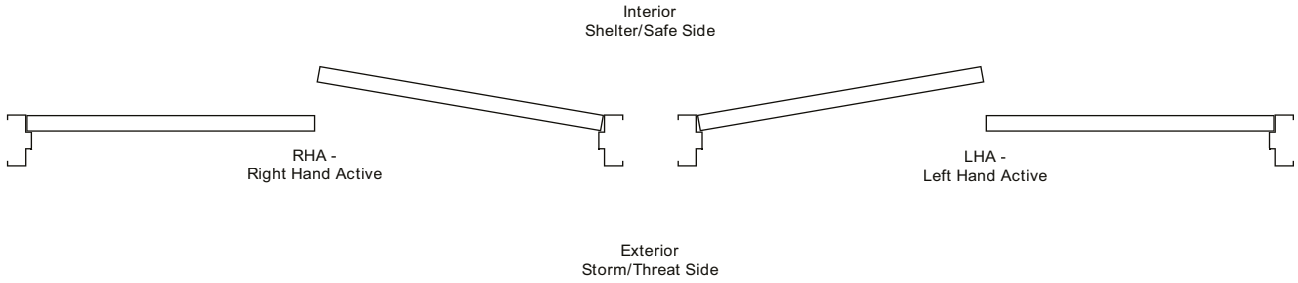


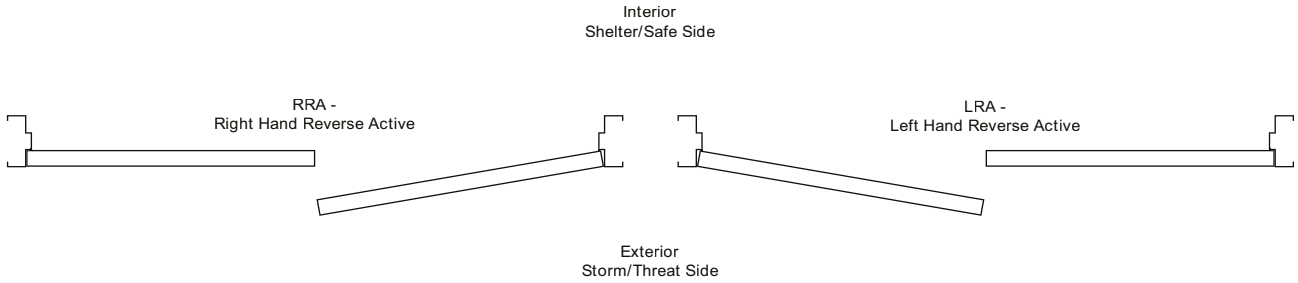
Factory welded Butted corner. Outside faces are dressed, ground smooth, and spot primered.
BEW - Inside face weld and soffit tack weld
- Available for unequal face frames.
- Jambs run full height, head/sill will be cut and notched to fit jamb soffit.

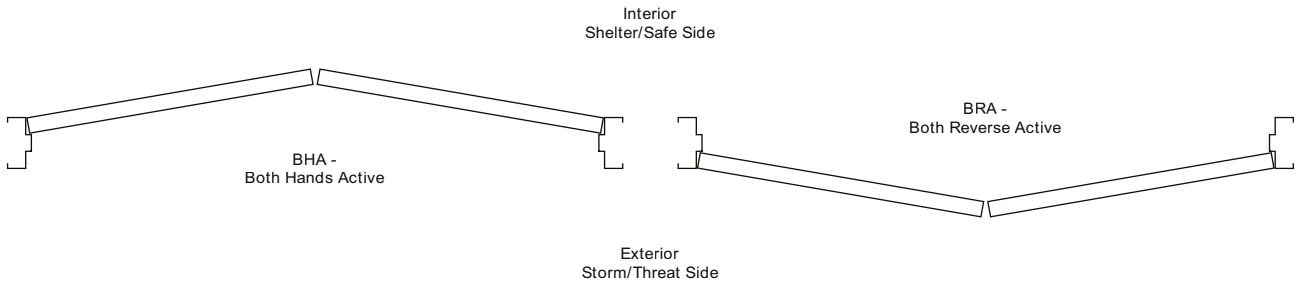
STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

STORMPRO® FRAME HANDING







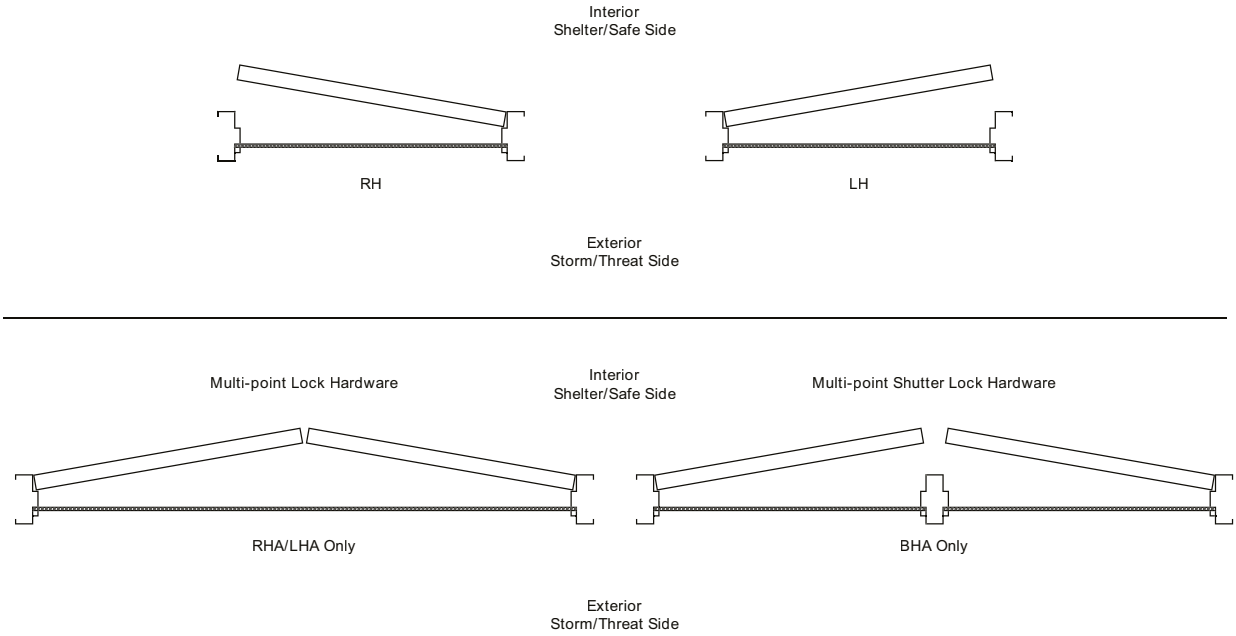


StormPro frames are ALWAYS handed in relation to the side of the opening deemed to be the "shelter" or "safe" side regardless of key position.
- Exit device assemblies are always to be reverse handed.
- It is important to always order StormPro doors and frames with the true handing as inswing vs. outswing may require different hardware preparations.

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

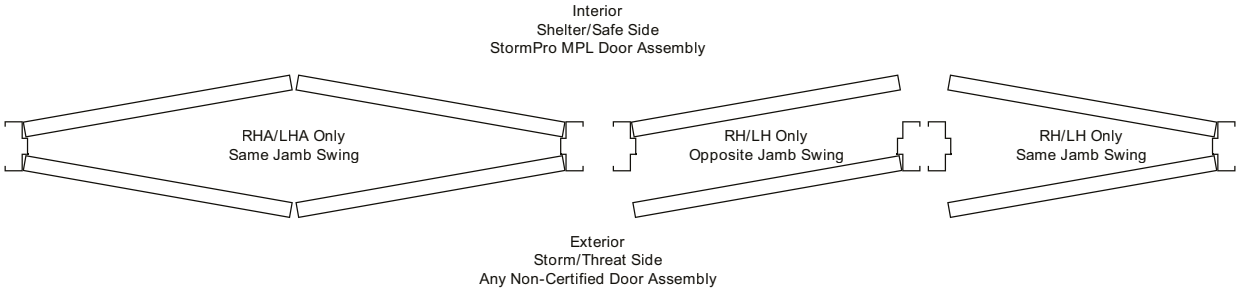
STORMPRO® SHUTTER AND COMMUNICATING FRAME HANDING

Shutter Applications



StormPro frames used in a shutter application will ALWAYS swing into the shelter (RH/LH/RHA/LHA/BHA).
Glass (by others) may be installed in opposite frame rabbet and is not required to be impact resistant.
- Glazing bead will be set to frame stop, glazing pocket depth required to be set in the field.

Communicating Frame Applications

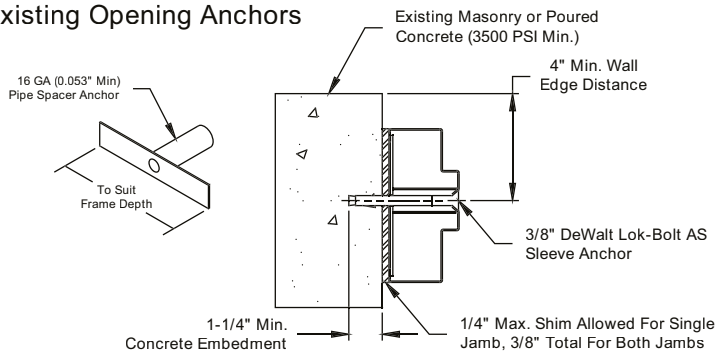


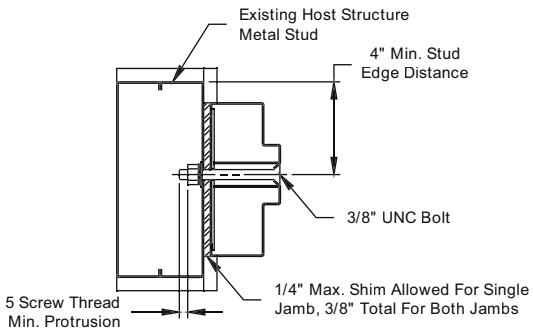
Communicating frame application only available with Corbin Russwin FE6600 or Sargent FM7300 series multi-point locks.
StormPro doors used in a communicating frame application will ALWAYS swing into the shelter (RH/LH/RHA/LHA).
When determining frame depth, considerations should be given regarding if the frame depth will accommodate hardware installed on both the StormPro door(s) and the non-certified door(s).

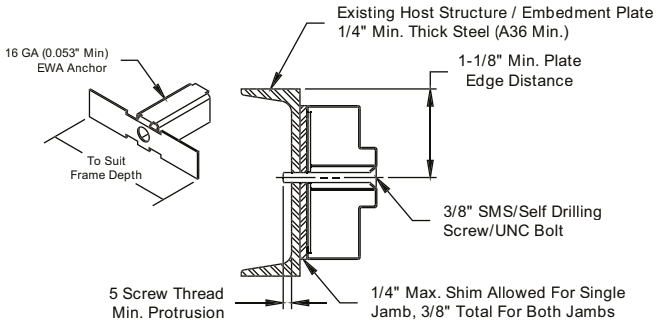
STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

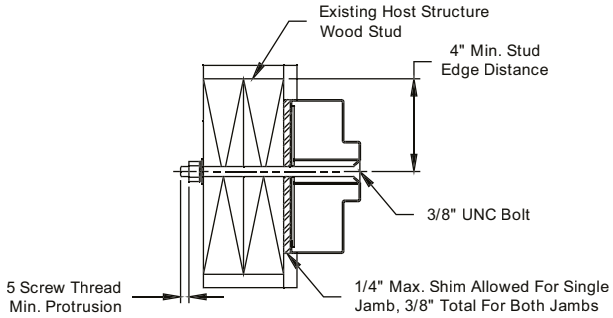
STORMPRO® FRAME ANCHORING

Existing Opening Anchors





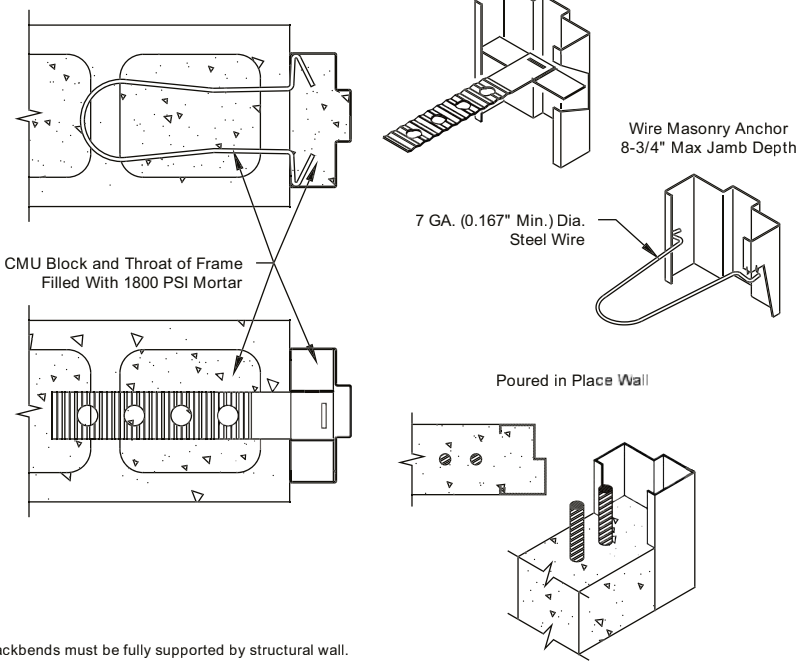




1/4" max. thick A-36 min steel shims centered under frame. Frame backbends must be fully supported by shims or structural wall.
Frames are not required nor recommended to be grouted when using existing opening anchors.
Minimum frame jamb depth for existing opening anchors:

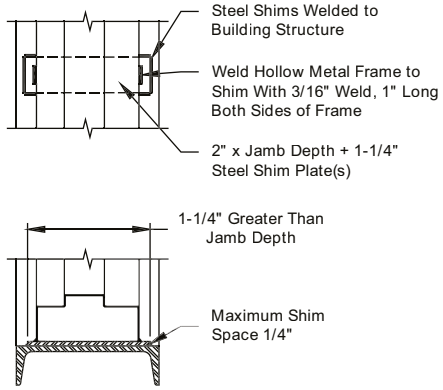
- M - Unequal rabbet profile - 4-5/8"
- M - Equal rabbet profile - 5"

Masonry Anchors



Frame backbends must be fully supported by structural wall.

Weld to Building Structure



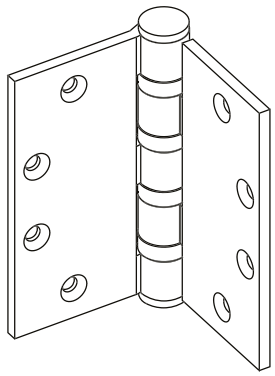
18 ga. min - 1/4" max. thick A-36 min steel shims centered under frame.
Weld shims to structural building member with fillet welds measuring 2" long using E6018 min. electrodes.
Fillet weld size same as shim thickness for 18 ga. to 1/8" shim thickness.
Fillet weld size 1/8" for 1/8" to 1/4" shim thickness.
Frames are not required nor recommended to be grouted when welded to building structure.

See installation instructions for anchor quantities and spacing.

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

STORMPRO® APPROVED HINGE OPTIONS

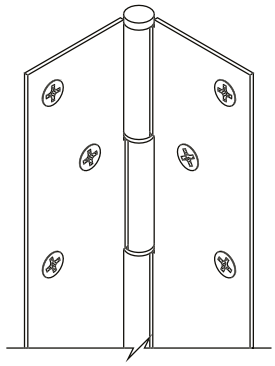
Butt Hinges



Manufacturer	Model/Series	Door Swing
McKinney	SP3386 or SP3786 Butt Hinges (4-1/2" x 4-1/2", 4-1/2" x 5", 4-1/2" x 6", 4-1/2" x 7", 4-1/2" x 8", 5" x 4-1/2", 5" x 5", 5" x 6", 5" x 7", & 5" x 8" - with or without NRP or QC options[1])	In-Swing or Out-Swing

[1] Standard hinge location for QC hinge is 2nd hinge from top

Continuous Hinges



Manufacturer	Model/Series	Door Swing
Markar	FM300, HG305, HG315, HG322, FM344, or FM600 Continuous Hinge (with or without CEPT, ETAP, EL, PoE, HT, Welded End Pin, Security Stud, or Tamper-proof Fastener options[2])	In-Swing or Out-Swing
	FM3500 or HG3505 Continuous Hinge (with or without CEPT, ETAP, EL, PoE, Welded End Pin, Security Stud, or Tamper-proof Fastener options[2])	In-Swing or Out-Swing
	FM300WT or HG305WT10 Wide Throw Continuous Hinge (with or without CEPT, ETAP, EL, PoE, HT, Welded End Pin, Security Stud, or Tamper-proof Fastener options[2])	In-Swing or Out-Swing
	FM/SC325, HG326, or HG329 Swing Clear Continuous Hinge (with or without HT, Welded End Pin, or Tamper-proof Fastener options)	In-Swing or Out-Swing
	FS301, FS302, HS303, HM304, HG306, or FS321 Continuous Hinge (with or without HT, Welded End Pin, or Tamper-proof Fastener option)	Out-Swing Only
	FS3501 or FS3502 Continuous Hinge (with or without Welded End Pin or Tamper-proof Fastener option)	Out-Swing Only
	FS/SC309, HG310, or HG311 Swing Clear Continuous Hinge (with or without HT, Welded End Pin, or Tamper-proof Fastener option)	Out-Swing Only

[2] Unless otherwise specified, CEPT, ETAP, EL, & PoE preps located at Markar standard locations.

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

STORMPRO® APPROVED OPTIONAL ACCESSORIES

Door Closers

Manufacturer	Model/Series	Notes
Corbin Russwin	DC8000 Series	Thru-bolt mounting of body to door only
Norton	7100SZ Series Closer/Holder or 7200 Series Closer/Holder	Threat side mounting only
	7500 Series or 7700PT Series Closer/Holder	Thru-bolt mounting of body to door only
Sargent	281 Series, 351 EHT Closer/Holder, or 2409 Series Closer/Holder	Thru-bolt mounting of body to door only
	2900 Series Closer/Holder	Threat side mounting only
ASSA ABLOY ACCENTRA	4400 Series	Thru-bolt mounting of body to door only

Door Operators

Manufacturer	Model/Series	Notes
Norton	5600 Series, 5700 Series, 6000 Series, or 6300 Series	Threat side mounting only
	5800 Series	Thru-bolt mounting of body to door only

Door Holders

Manufacturer	Model/Series	Notes
Rixson	9 Series - Mechanical Stop/Holder	
	980M, 990M, 991M, 996M, 997M, 998/998M, or 999M - Electromechanical	Thru-bolt mounting only
Sargent	1560, 1561, or 1562 - Electromechanical	Thru-bolt mounting only
Rockwood	491S or 494S - Mechanical	

Door Coordinators

Manufacturer	Model/Series	Notes
Rockwood	576	Outswing only
	1700 or 2600 Series (with or without 2601 Brackets or 1100 Carry Open Bar option)	Inswing only

Electronic Power Transfers

Manufacturer	Model/Series	Notes
Securitron	CEPT	Hinge edge of door and frame mounting[1]

Door Position Switches

Manufacturer	Model/Series	Notes
Securitron	DPS-M	Top edge of door and frame mounting[2]
	MSS-1C	Top edge of door and frame mounting[3]

Auxiliary Maglocks

Manufacturer	Model/Series	Notes
Securitron	DEM680E, DM62, M32, M38, M62, M68, M82, M380E, M680E, MM15 Surface Mount Locks (with or without AOS, ASM, ASS, CWB, DC, DCP, DDC, EASB, FLH, MM15-TS, SB-MXD, or SFP Mag Lock Accessories)	Threat side mounting only
	SAM2-24 Shear Mount Lock	Lock edge of door and frame mounting[4]

Mullion

Manufacturer	Model/Series	Notes
Sargent	HC980/12-HC980 Series	For exit device assemblies only
Corbin Russwin	FE700/FE700A Series	

[1] 9-3/32" x 1-1/4" mortised cutout in hinge edge of door and frame jamb. Centerline location centered between 2nd and 3rd hinge from the floor

[2] 3/4" diameter hole in top edge of door and frame head. Backset from lock edge/strike jamb (singles)/center of head (pairs): Frame - ~9"; Door - ~8-7/8"

[3] 4-7/8" x 1" mortised cutout in top edge of door and frame head. Centerline backset from lock edge/strike jamb (singles)/center of head (pairs): Frame - ~12"; Door - ~11-7/8"

[4] 7-3/16" x 1-1/8" mortised cutout in lock edge of door and frame jamb. Centerline location from top of door/frame head: Frame - ~18"; Door - ~17-7/8"

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

STORMPRO® APPROVED OPTIONAL ACCESSORIES (CONT.)

Seals

Manufacturer	Model/Series	Notes
Pemko	S77, S771, S771x6, S772, S773, S776, S776x6, HS2000, HS2000xS44, HS2000xS88, 5110, P240, P241, P242, P243, P244, P260, P261, P262, P263, P264, P265, P266, P380, P381, P382, P384, P385, P386, P387, P388, P390, P391, P392, P393, P394, P396, P397, P398, P484, P490, P491, P493, or P497 (with _NB, _S, _PK, _V, _R, _Q, SSE, SSR, SSS, SSN, _SPK, _P, CN, or _N Suffixes) - Adhesive Applied Perimeter Seals	
	29045, 29344, 29346, 45041, 45061, 45100, 45137, 45175, 45250, 45400, 46062, 90041, 90062, 90100, 90137, 285, 290, 294, 296, 297, 303, 305, 306, 309, 312, 315, 316, 319, 321, 322, 330, 332, 345, 350, 351, 375, 379, 2815, 2891, 2892, 2893, 2902, 2903, 3151, 3452, 18041, 18050, 18061, 18062, 18100, 18137, 18175, 18250, 18400, 28945, 29310, 29313, 29324, 29326, 293100, 335, 336, 368, 307, 308, 56, or 57 (with _NB, _S, _PK, _V, _R, _Q, SSE, SSR, SSS, SSN, _SPK, _P, CN, _N or _M Suffixes) - Screw Applied Perimeter Seals	Threat side mounting only
	346 Rain Drip	Threat side mounting only

Thresholds/Ramps

Manufacturer	Model/Series	Notes
Pemko	173, 151, 270, 271, 272, 276, 573, 2715, 2716, 2748, 2749, 2750, 273x3, 273x4, 2746x6, 274x4, 166, 154, 169, 170, 171, 172, 175, 176, 1547, 1710, 1715, 1716, 1717, 1718, 1719, 2548, 2549, 2550, 252x2, 252x3, 253x3, 253x4, 253x6, 254x4, 254x5, 255x5, or 256x6 (with or without _FG, _SS, or _SSFG Suffixes) - Saddle Thresholds	Floor Strike must be mounted directly to structural floor or frame sill member
	157, 158, 2727, 766x5, 182 or 566x3 (with or without _FG or _SS Suffixes) - Offset Saddle Thresholds	Floor Strike must be mounted directly to structural floor or frame sill member
	273, 274, 278, 279, 2746, 2755, 252, 253, 254, 255, 256, 2555, or 2565 (with or without _SS Suffix) - Half Saddle Thresholds	Floor Strike must be mounted directly to structural floor or frame sill member
	766 or 566 Offset Half Saddle Threshold	Floor Strike must be mounted directly to structural floor or frame sill member
	2001, 2005, 2006, 2007, 2008, 2009, 2010, 2705, 273x224, 273x292, 2746x292, 274x224, 274x292, 278x224, 278x292, 279x224, 279x292, 159, 177, 179, 277, 1855, 252x226, 253x226, 254x226, or 255x226 (with or without _FG, _FGT, _FGP, _FGPK,_FGV, _P, _PK, _R, _SSFG, _STC, _T, or _V Suffixes) - Latching Panic Exit Saddle Thresholds	Floor Strike must be mounted directly to structural floor or frame sill member
	18/1 or 14/1 - Plate Thresholds	Floor Strike must be mounted directly to structural floor or frame sill member
	R.5F, R.75F, R1F, R1.25F,R1.5F, R1.75F, R2F, R2.25F (with or without MR suffix) - Flush Modular Ramp Threshold Assemblies	Floor Strike must be mounted directly to structural floor or frame sill member
	R.5OS, R.5OSS, R.75OS, R.75OSS, R1OS, R1OSS, R1.25OS, R1.25OSS, R1.5OS, R1.5OSS, R1.75OS, R1.75OSS, R2OS, R2OSS (with or without MR suffix) - Offset Modular Ramp Threshold Assemblies	Floor Strike must be mounted directly to structural floor or frame sill member
	257, 257x258, 259 - Barrier-Free Ramp Thresholds	Floor Strike must be mounted directly to structural floor or frame sill member

Door Viewers[1]

Manufacturer	Model/Series	Notes
Rockwood	620 or 622	

Protection

Manufacturer	Model/Series	Notes
Rockwood	BFLG1050 Series Rod Guard	For fire rated assemblies must be screw applied
	K1050 Kick Plate	For fire rated assemblies must be screw applied
Von Duprin	LGO-3 or LGO-4	Must be screw applied

1 Standard viewer location is centered in door leaf 60" above finished floor. If second viewer is added standard location is 48" above finish floor. Max 2 viewers per leaf, must be min. 12" apart.

STORMPRO® STORM SHELTER / SAFE ROOM IMPACT PROTECTIVE SYSTEMS

STORMPRO® GENERAL NOTES

- StormPro Impact Protective Systems are tested, listed and labeled as full assemblies. Components and optional accessories are prescriptive and may not be substituted in accordance with ICC 500.
  - ♦ See UL Solutions Product iQ (ZHLA assemblies 1, 45, 46, 47, 51, 53, 54, 61, 64, and/or 65) or Florida Product Approval FL40296 for full assembly listing details.
- Installation of StormPro® Impact Protective Systems must be installed per published AADG installation instructions, Hardware manufacturer's installation instructions, ANSI/SDI A250.11, and HMMA 840. Fire rated openings must also be installed in accordance with NFPA 80 and/or the local Authority Having Jurisdiction (AHJ).
- Building walls must be designed to support and sustain loads developed by the door and frame assembly and transfer loads to the building structure.
- Rough opening material, by others, must be installed properly to transfer loads to the building structure.
- Bottom strikes must be attached directly to structural floor or frame sill member and must allow bottom bolt to properly engage strike.
- Floor must be poured level and frame must be installed square and plumb to allow doors to function properly.
- Doors and frames must be ordered at the same time.
- ICC 500 compliance requires annual evaluations of the storm shelter impact protective systems for compliance with the manufacturer's operational and maintenance requirements.
  - ♦ See the StormPro® Storm Shelter Maintenance Manual for specific maintenance check points of each assembly to ensure proper function and operation.

Allowable Job Site Preparations/Modifications

The following job site preparations to doors and/or frames are permitted.

1. Round holes for surface-applied hardware/accessories, round function holes for mortise and/or concealed hardware, round mounting/function holes for for access control trim, holes for listed fire pins, 1" max diameter holes for viewers, and 1" max diameter holes for door position switches.

   1.1. All holes to be per hardware/accessory manufacturer's template and/or installation instructions.

   1.2. Door and/or frame must be properly reinforced for hardware from manufacturing location per listing.

The following job site modifications to frames are permitted.

1. Installation of welded steel filler plates of equal or greater thickness to the as-certified frame design. Filler plates must be fully welded with no clearances.
2. Holes up to and including 1/2" diameter may be fully welded.
3. 1" max diameter holes for grout filling. Holes must be filled in accordance with item 1 and/or 2.
4. Welding of KD corner frames. Frame corners must be fully mechanically fastened prior to welding.
   4.1. Only outside face welds, or outside face and full web welds permitted.

CURRIES
ASSA ABLOY

Specialty

Experience a safer
and more open world

TECH MANUAL

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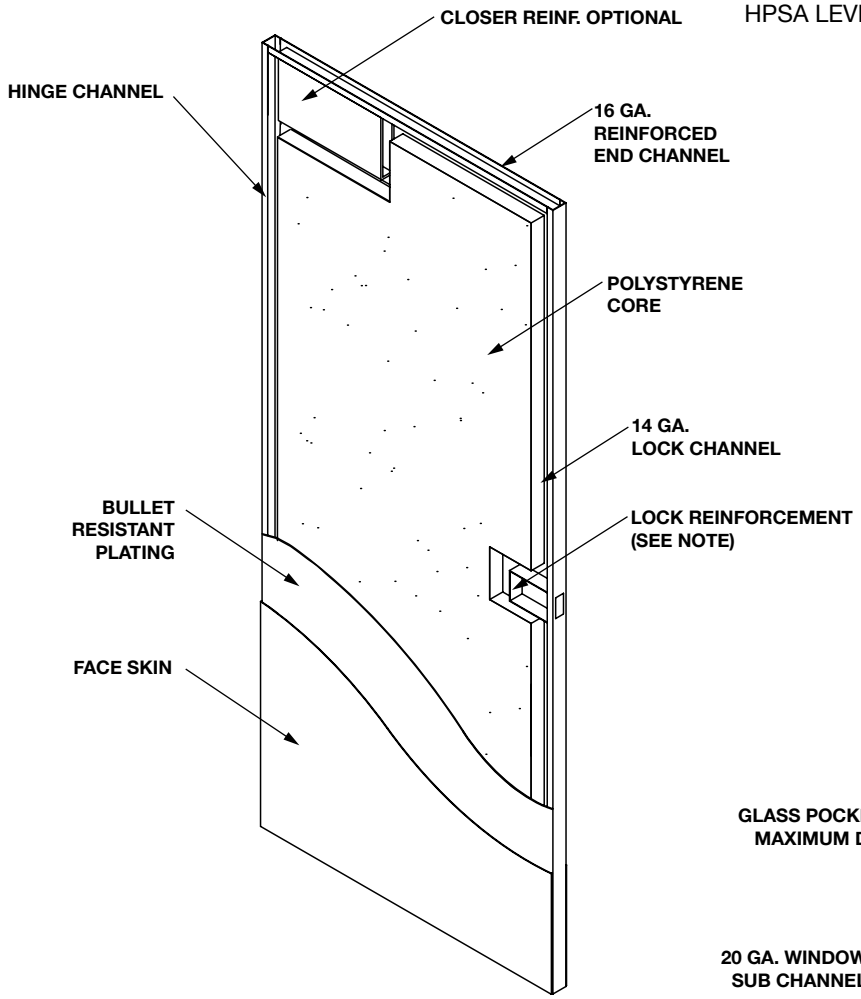
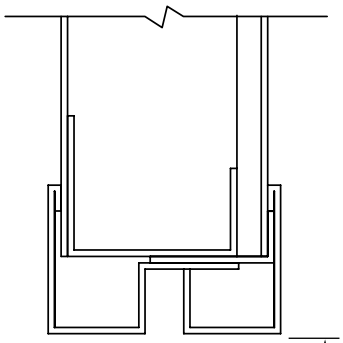
737 BULLET RESISTANT LEVEL 1 & 2 DOOR DETAILS

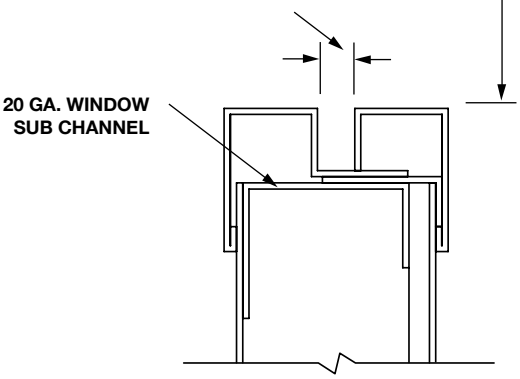
RATINGS:
MPSA LEVEL 1 (MEDIUM POWER SMALL ARMS)
HPSA LEVEL 2 (HIGH POWER SMALL ARMS)





SEE NOTE FOR
VISIBLE GLASS SIZE

GLASS POCKET WIDTH MAY VARY.
MAXIMUM DIMENSION OF 1-1/8"



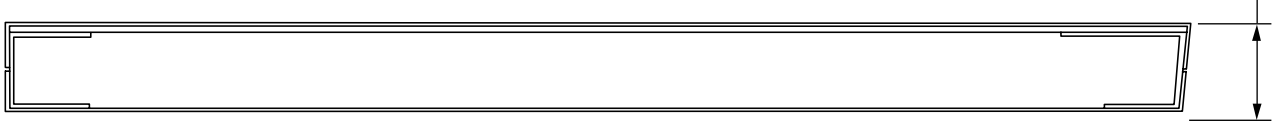
NOTES:

MAXIMUM SIZE:
4'0" WIDE X 10'0" HIGH. PAIRS WITH MULLIONS AVAILABLE.

HARDWARE:
CONTACT FACTORY FOR HARDWARE APPROVED FOR USE WITH THIS ASSEMBLY.

VISION PANELS:
FV1 = VISIBLE OPENING IS 12" X 12"
HG = SIZE VARIES
FG = SIZE VARIES

1-7/8"
APPROXIMATELY

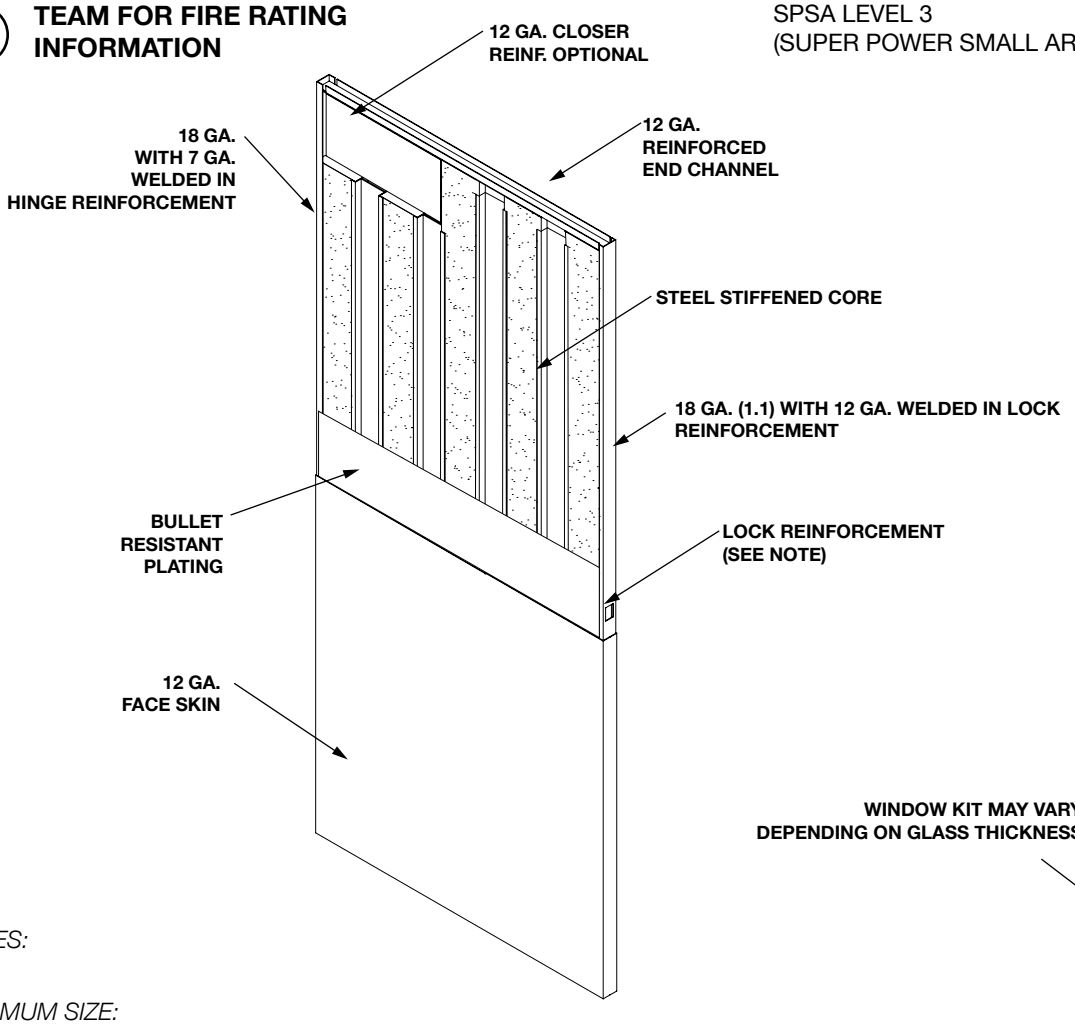


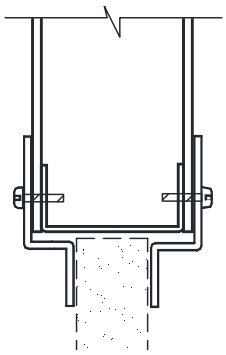
NOTE: DOOR AND FRAME MUST BE FURNISHED AS A COMPLETE ASSEMBLY WITH FACTORY WELDED M12 SERIES FRAME. TESTED IN ACCORDANCE AND COMPLIES WITH U.L. TEST STANDARD 752 "BULLET RESISTANT EQUIPMENT"

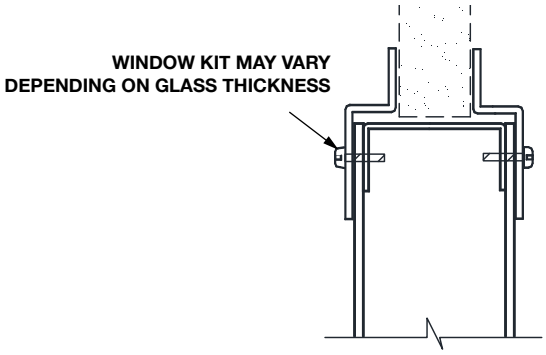
737 BULLET RESISTANT LEVEL 3 DOOR DETAILS

CONTACT SPECIALTY TEAM FOR FIRE RATING INFORMATION

RATINGS:
SPSA LEVEL 3
(SUPER POWER SMALL ARMS)







NOTES:

MAXIMUM SIZE:
4'0" WIDE X 10'0" HIGH. PAIRS WITH MULLIONS AVAILABLE.

HARDWARE:
MORTISE AND CYLINDRICAL LOCKS PER ANSI A156.115; RIM PANIC EXIT DEVICES PER ANSI A156.3, TYPE 1, 2, 3, AND 8. THROUGH BOLTED HARDWARE PREPARATIONS ARE FIELD MACHINED; HARDWARE MANUFACTURER IS RESPONSIBLE FOR VALIDATING BULLET RESISTANCE OF LOCK IF NOT USING THROUGH-BOLTED HARDWARE.

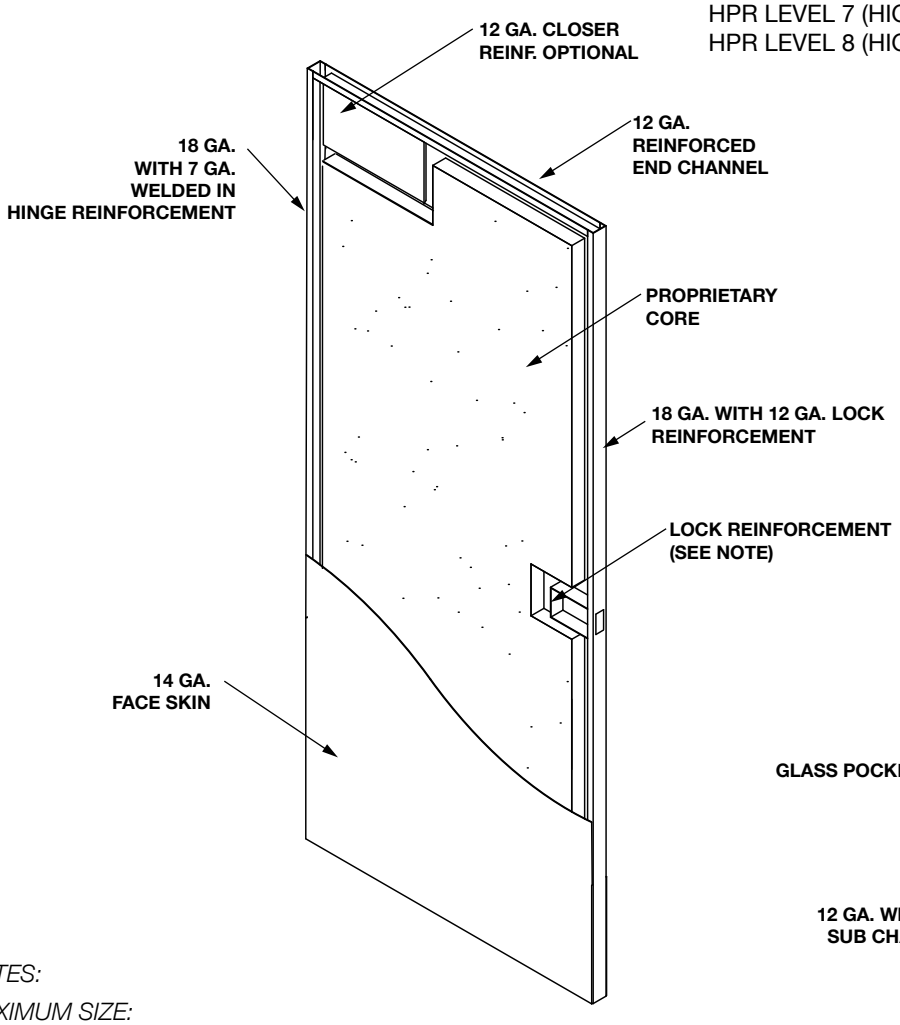
VISION PANELS (NON FIRE RATED):
FV1 = VISIBLE OPENING IS 12" X 12"
HG = SIZE VARIES
FG = SIZE VARIES

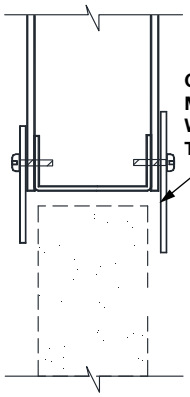
NOTE: DOOR AND FRAME MUST BE FURNISHED AS A COMPLETE ASSEMBLY WITH FACTORY WELDED M12 SERIES FRAME. TESTED IN ACCORDANCE AND COMPLIES WITH U.L. TEST STANDARD 752 "BULLET RESISTANT EQUIPMENT"

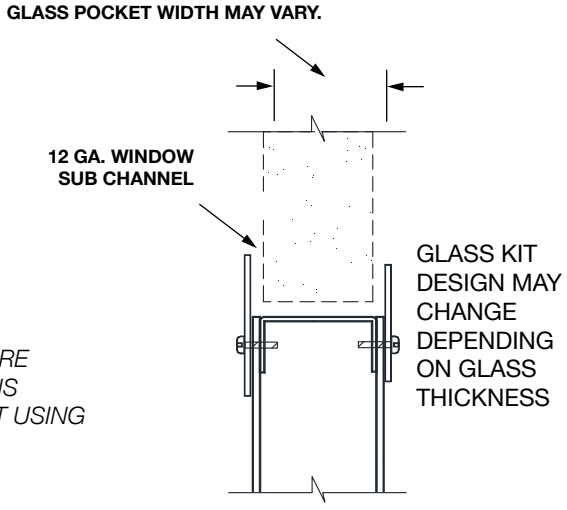
737 BULLET RESISTANT (LEVELS 4, 5, 6, 7, 8) DOOR DETAILS

CONTACT SPECIALTY TEAM FOR FIRE RATING INFORMATION

LEVEL 4-8 RATINGS:
HPR LEVEL 4 (HIGH POWERED RIFLE)
HPR LEVEL 5 (HIGH POWERED RIFLE)
MPSA LEVEL 6 (MEDIUM POWERED SMALL ARMS)
HPR LEVEL 7 (HIGH POWERED RIFLE)
HPR LEVEL 8 (HIGH POWERED RIFLE)





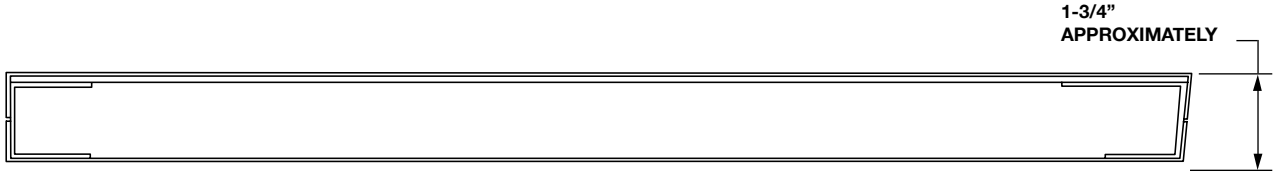


NOTES:

MAXIMUM SIZE:
4'0" WIDE X 9'0" HIGH. PAIRS WITH MULLION AVAILABLE.

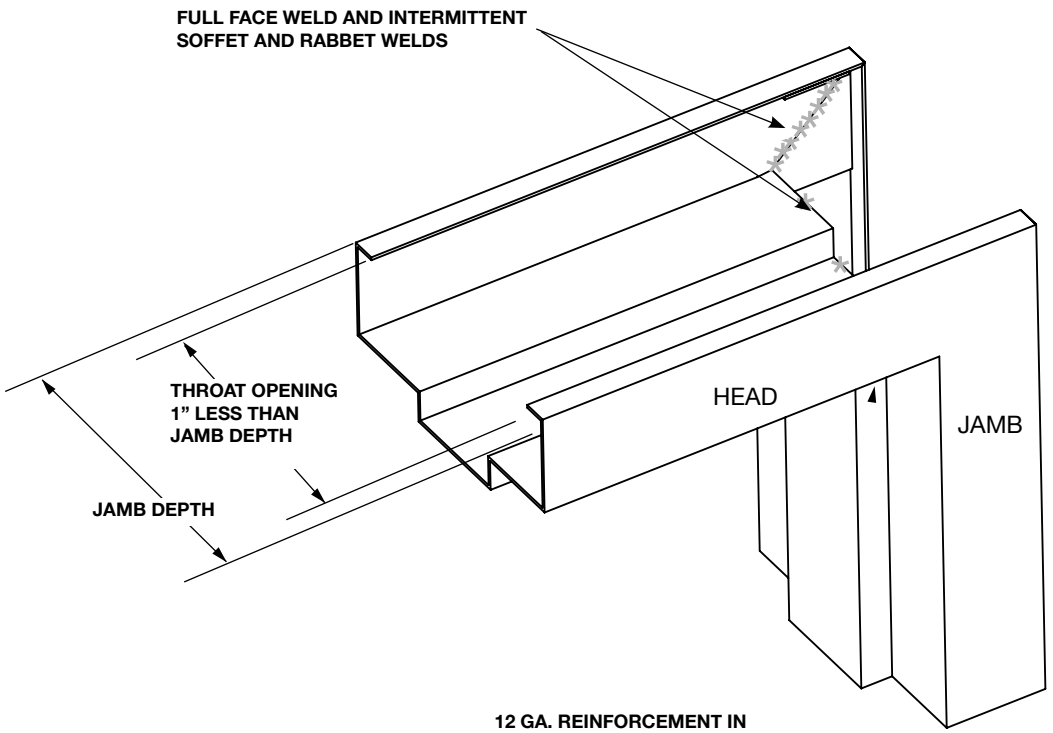
HARDWARE:
SURFACE MOUNTED HARDWARE, ONLY. THROUGH BOLTED HARDWARE PREPARATIONS ARE FIELD MACHINED; HARDWARE MANUFACTURER IS RESPONSIBLE FOR VALIDATING BULLET RESISTANCE OF LOCK IF NOT USING THROUGH-BOLTED HARDWARE.

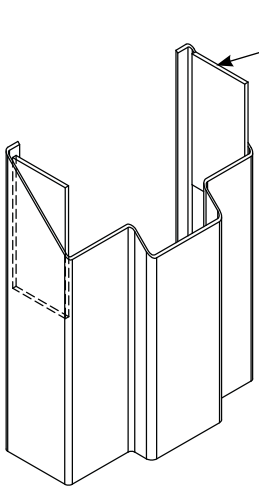
VISION PANELS (NON FIRE RATED):
FV1 = VISIBLE OPENING IS 12" X 12"
HG = SIZE VARIES
FG = SIZE VARIES



NOTE: DOOR AND FRAME MUST BE FURNISHED AS A COMPLETE ASSEMBLY WITH FACTORY WELDED FRAME. TESTED IN ACCORDANCE AND COMPLIES WITH U.L. TEST STANDARD 752 "BULLET RESISTANT EQUIPMENT"

BULLET RESISTANT FRAMES LEVEL 1-3





12 GA. FRAME

NOTE: SILENCERS AND HOSPITAL STOPS NOT AVAILABLE

NOTE: DOOR AND FRAME MUST BE FURNISHED AS A COMPLETE ASSEMBLY WITH FACTORY WELDED M12 SERIES FRAME. TESTED IN ACCORDANCE AND COMPLIES WITH U.L. TEST STANDARD 752 "BULLET RESISTANT EQUIPMENT"

BULLET RESISTANT FRAMES LEVEL 4-8

BACK

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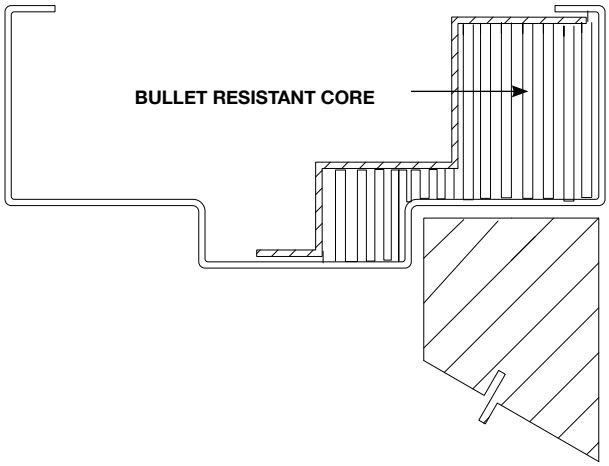
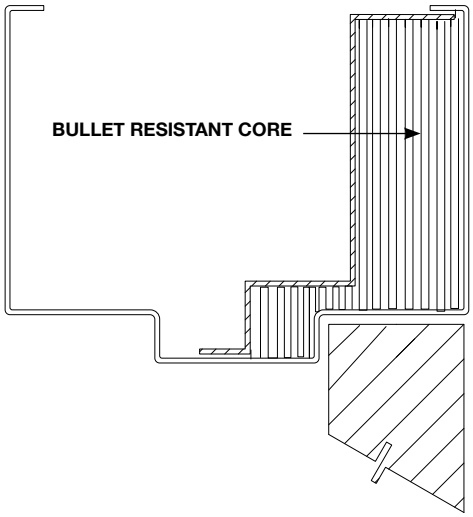
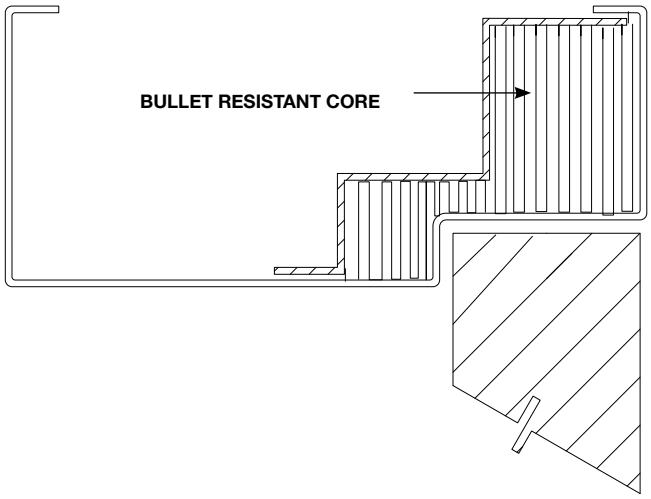
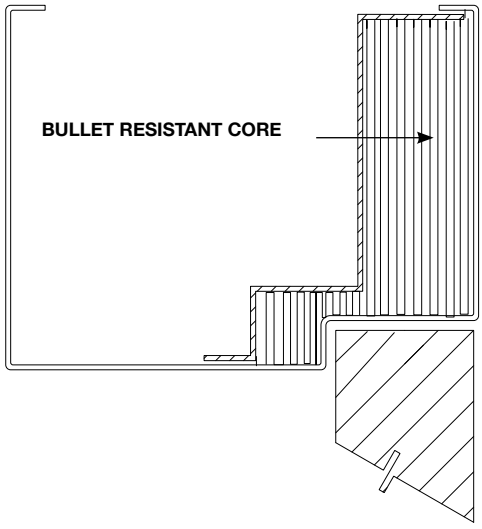
NOTE: DOOR AND FRAME MUST BE FURNISHED AS A COMPLETE ASSEMBLY WITH FACTORY WELDED M OR G SERIES FRAME. TESTED IN ACCORDANCE AND COMPLIES WITH U.L. TEST STANDARD 752 "BULLET RESISTANT EQUIPMENT"



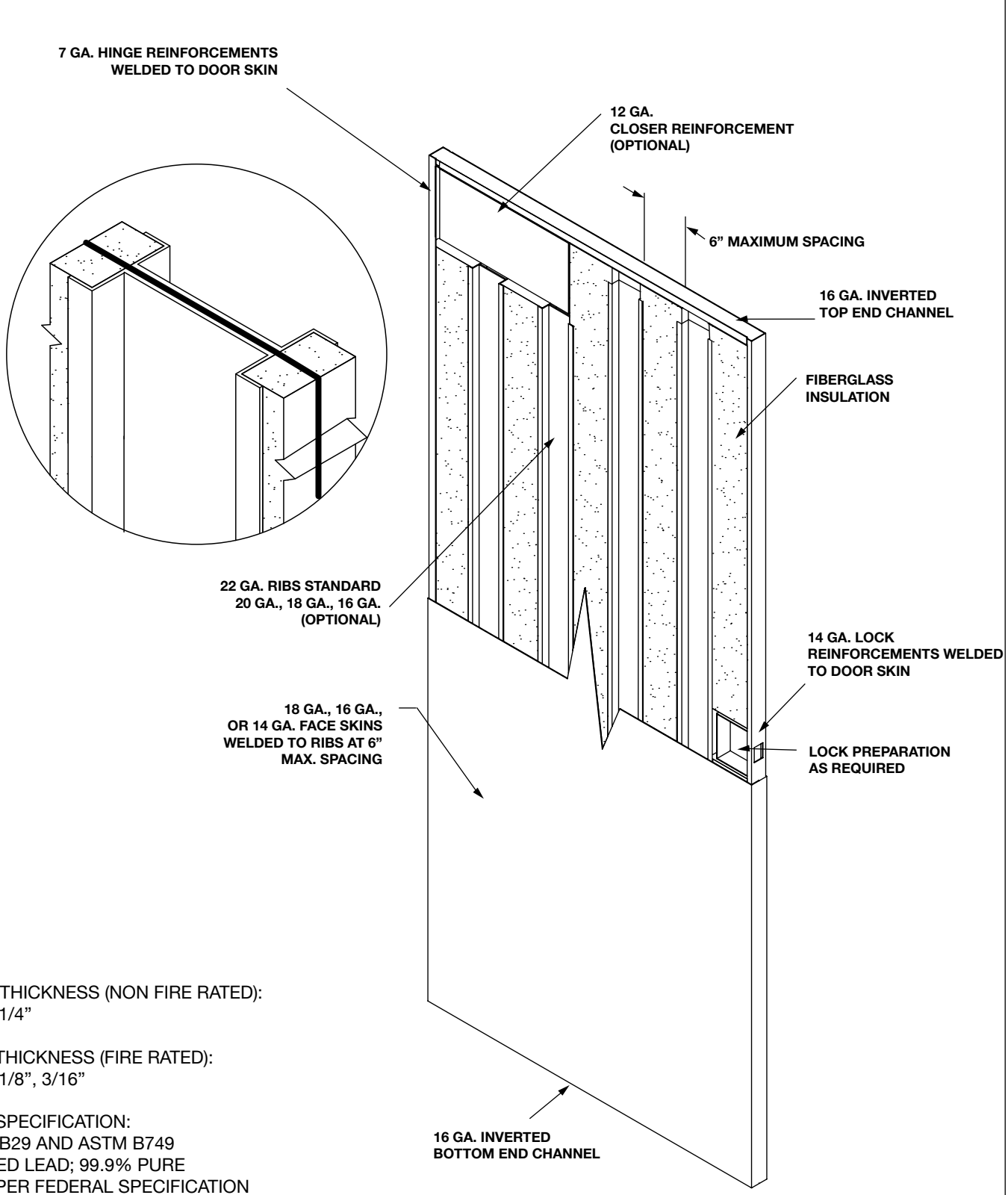






NOTES:
- FRAME IS 14 GA.
- CONTINUOUS HINGE AND PIVOTS ONLY
- SILENCERS AND HOSPITAL STOPS NOT AVAILABLE

LEAD LINED DOOR CONSTRUCTION



LEAD THICKNESS (NON FIRE RATED):
1/32", 1/4"

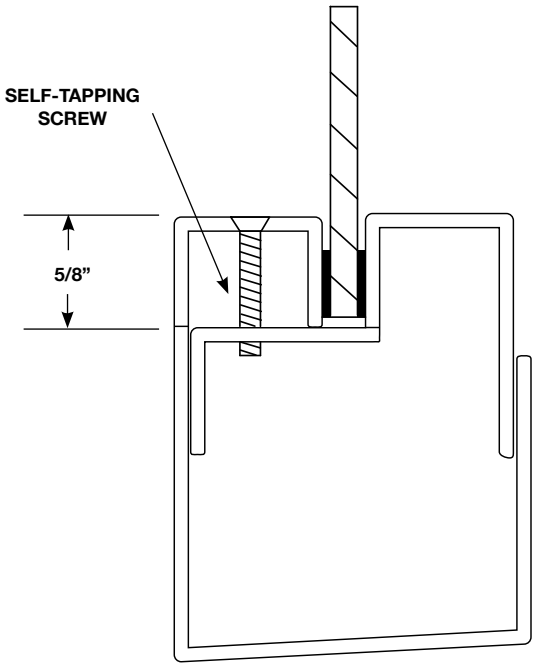
LEAD THICKNESS (FIRE RATED):
1/16", 1/8", 3/16"

LEAD SPECIFICATION:
ASTM B29 AND ASTM B749
REFINED LEAD; 99.9% PURE
LEAD PER FEDERAL SPECIFICATION
QQ-L-201F, TYPE C

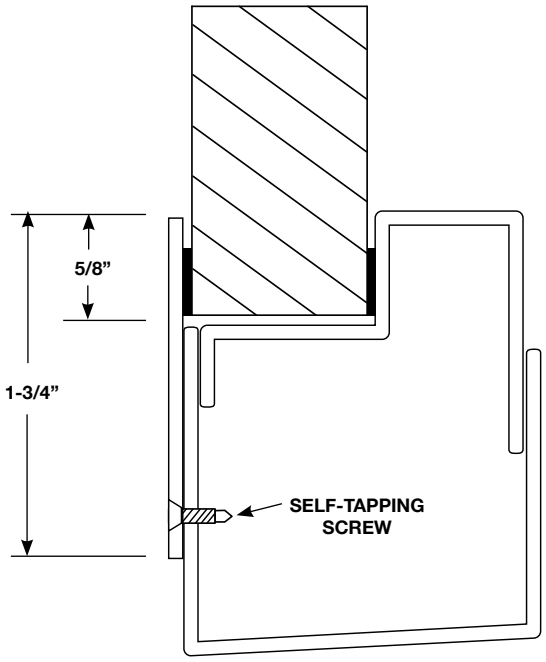
ADDITIONAL LEAD THICKNESSES ALSO AVAILABLE.
CONTACT FACTORY FOR DETAILS.

LEAD LINED GLASS MOULDING

Ⓛ



FOR 1/4” TO 5/8”
THICK GLASS



FOR 3/4” TO 1-1/4”
THICK GLASS

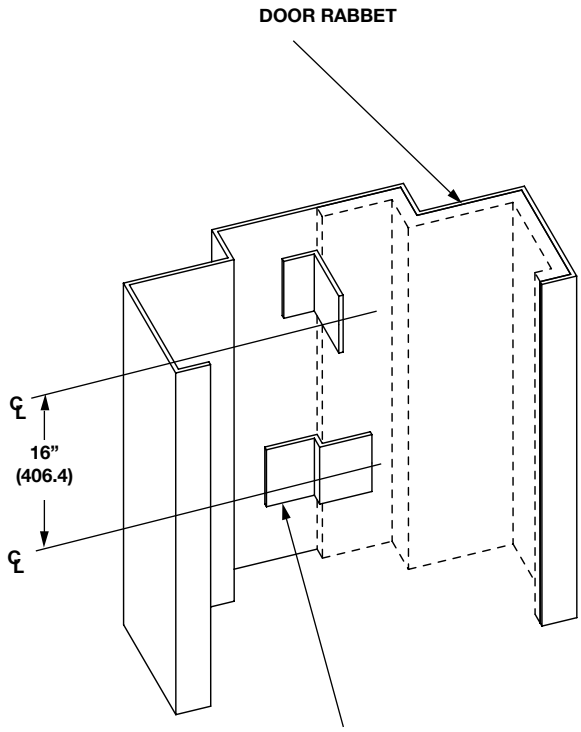
LEAD LINED FRAME CONSTRUCTION

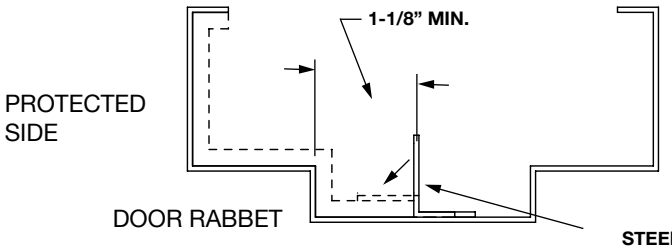
Ⓛ

FACTORY INSTALLED LEAD AVAILABLE IN 1/32", 1/16", 1/8" & 1/4" THICKNESS. LEAD WILL BE APPLIED ON THE FACE, RABBET AND SOFFIT OF FRAME.

UNLESS OTHERWISE NOTED:
RIGHT HAND OR LEFT HAND DOORS WILL HAVE LEAD INSTALLED ON DOOR FACE, RABBET AND SOFFIT OF FRAME. REVERSE HAND DOORS, THE LEAD WILL BE INSTALLED ON OPPOSITE DOOR FACE RABBET AND SOFFIT.

FRAMES WILL BE FACTORY WELDED WITH A CONTINUOUS WELD ALONG THE MITERED CORNERS. FRAMES ARE AVAILABLE IN M, G, DEM, C & CG. EQUAL RABBET ONLY.





STEEL CLIP IS BENT OVER TO RETAIN LEAD LINING

LEAD THICKNESS:
1/32", 1/16",
1/8", 1/4"

LEAD SPECIFICATION:
ASTM B29 AND ASTM B749
REFINED LEAD; 99.9% PURE
LEAD PER FEDERAL SPECIFICATION
QQ-L-201F, TYPE C

STC 32-38 FLUSH SINGLE
757 (STC 32) ACOUSTICAL DOOR CONSTRUCTION

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 32 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

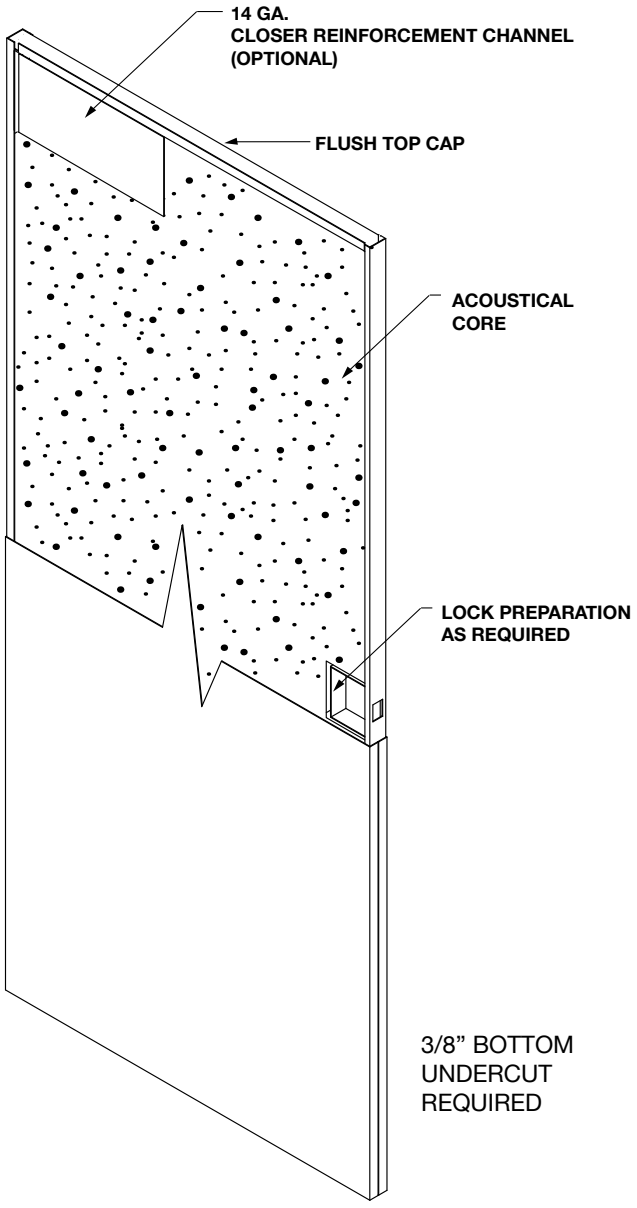
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #32:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 312CN

BOTTOM:
PEMKO 2008 PK



757 (STC 33) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 33 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

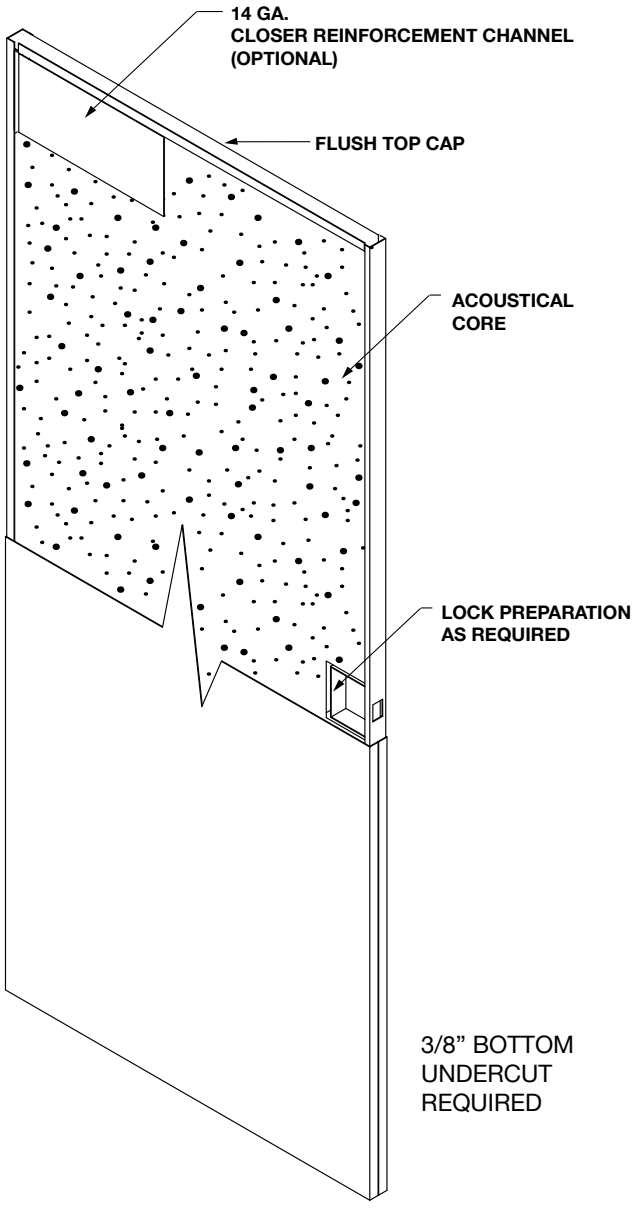
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



757 (STC 34) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 34 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

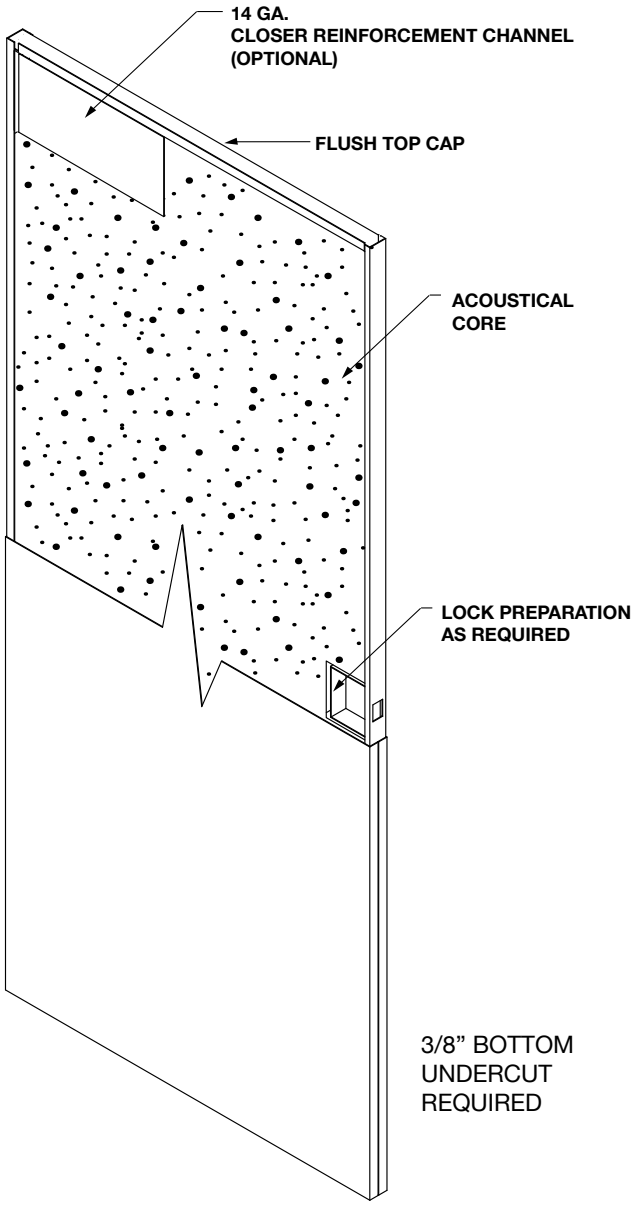
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



757 (STC 35) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 35 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

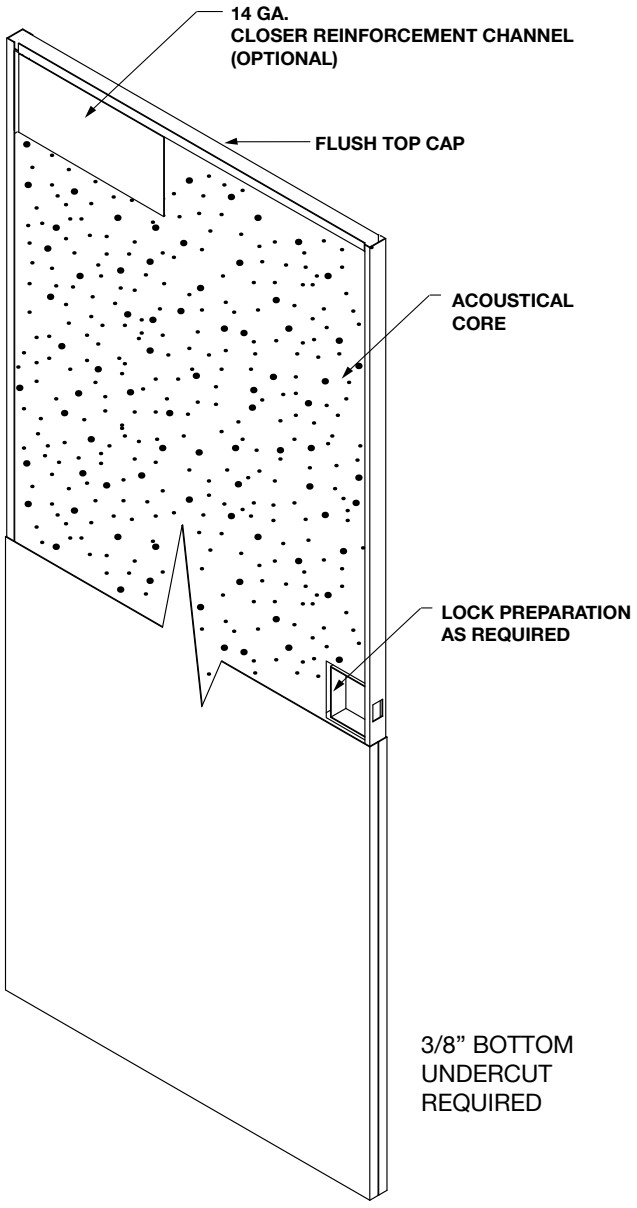
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



757 (STC 36) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 36 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

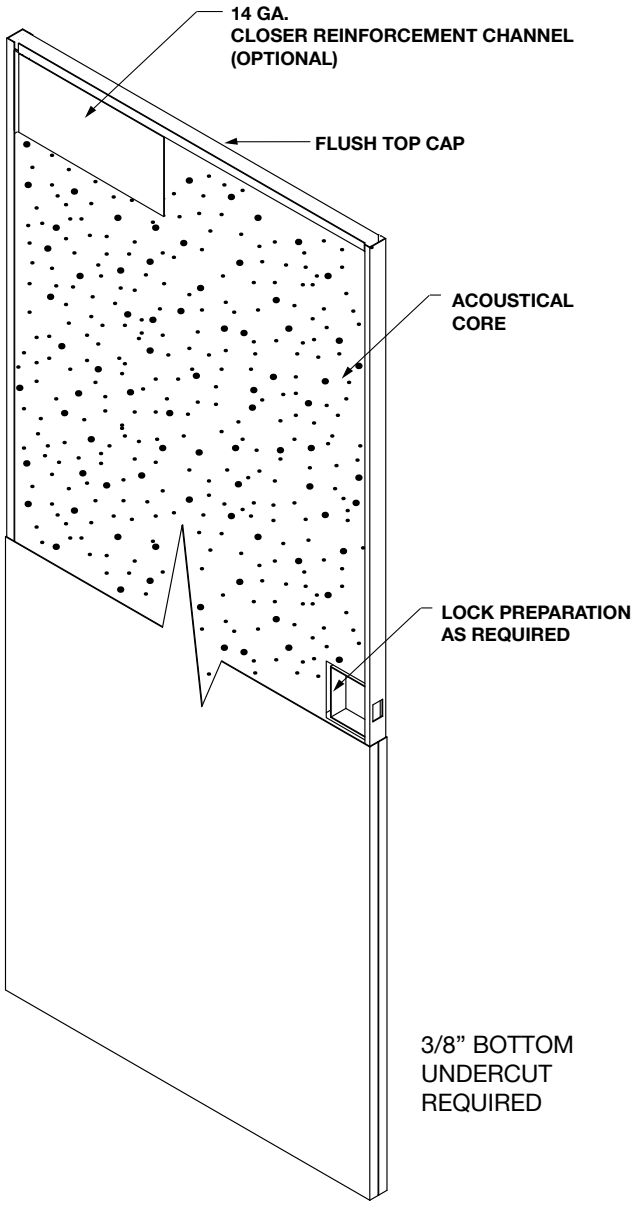
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



757 (STC 37) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 37 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

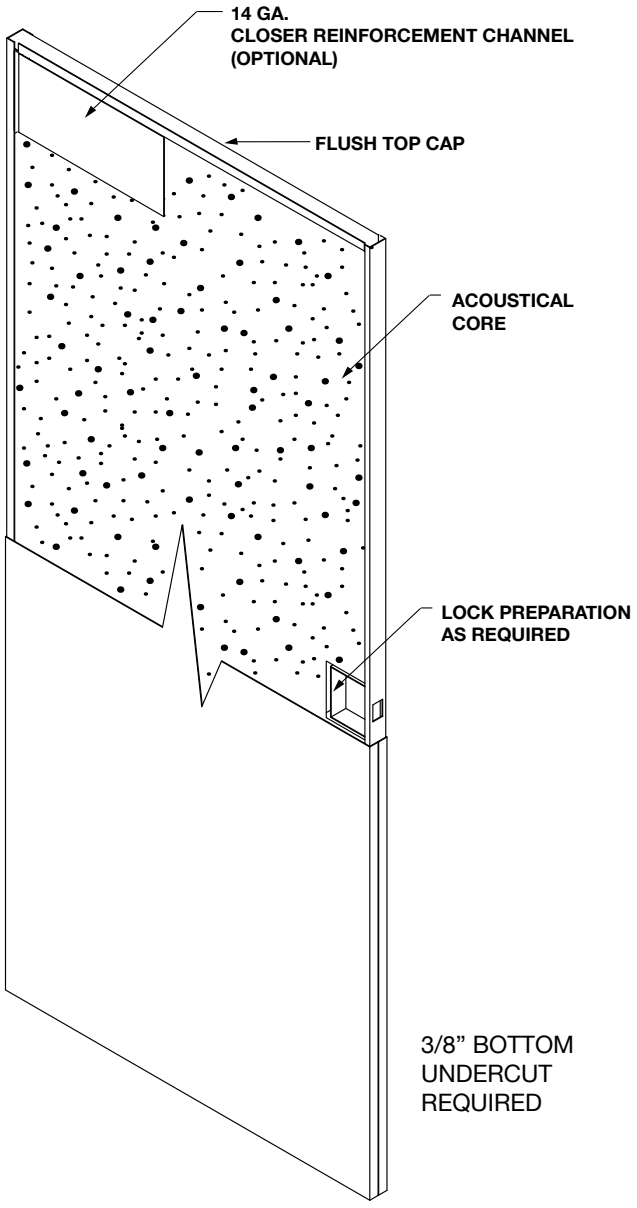
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



757 (STC 38) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 38 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

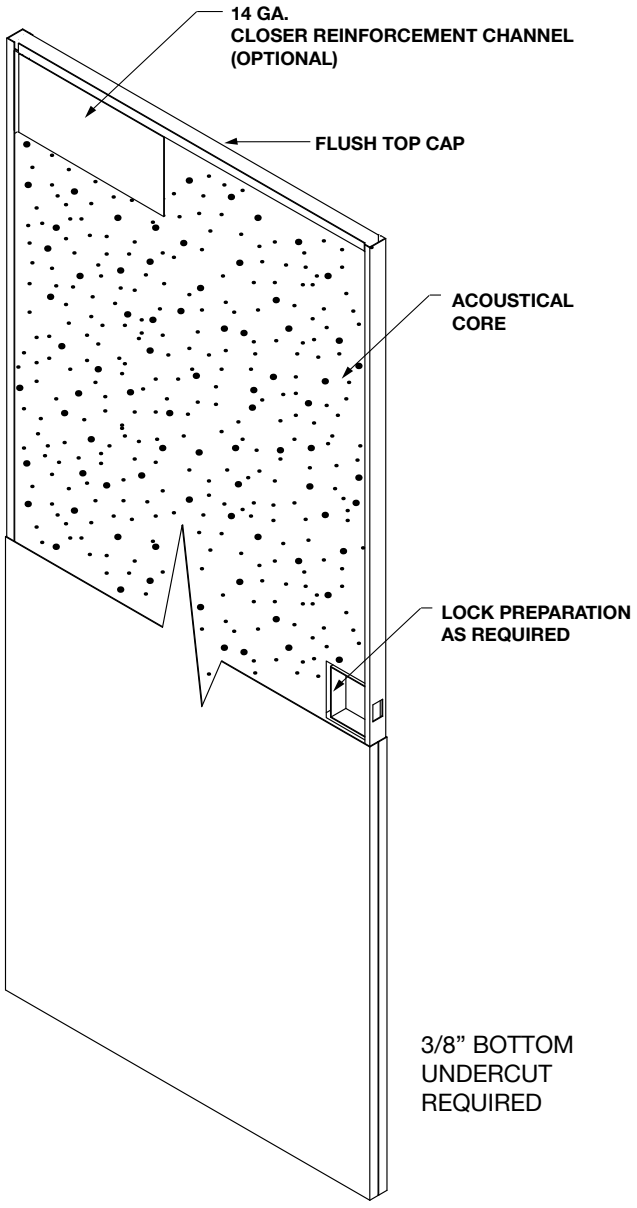
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



STC 33-55 FLUSH SINGLE
757 (STC 33) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE PREPARATIONS:
STC 33 WITH RIM EXIT. ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

FIRE RATING:
3 HR. MAX

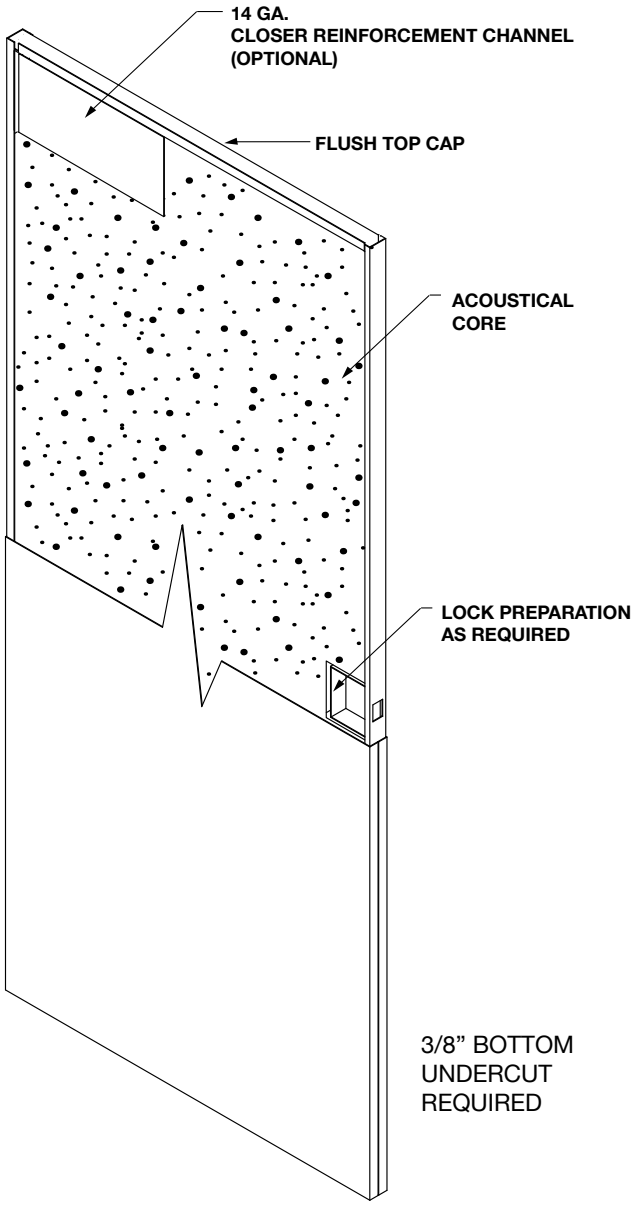
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44 (2)

BOTTOM:
PEMKO 2008 PK



757 (STC 34) ACOUSTICAL DOOR CONSTRUCTION

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE PREPARATIONS:
STC 34 WITH RIM EXIT. ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

FIRE RATING:
3 HR. MAX

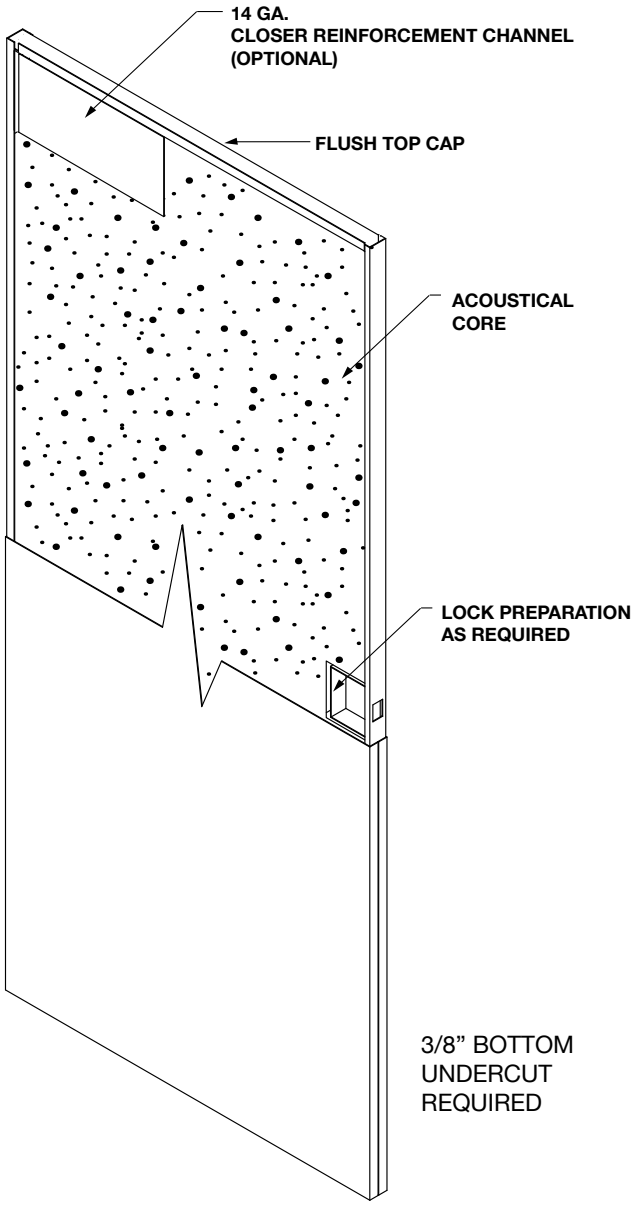
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44

BOTTOM:
PEMKO 2008 PK



757 (STC 35) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE PREPARATIONS:
STC 35 WITH RIM EXIT. ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

FIRE RATING:
3 HR. MAX

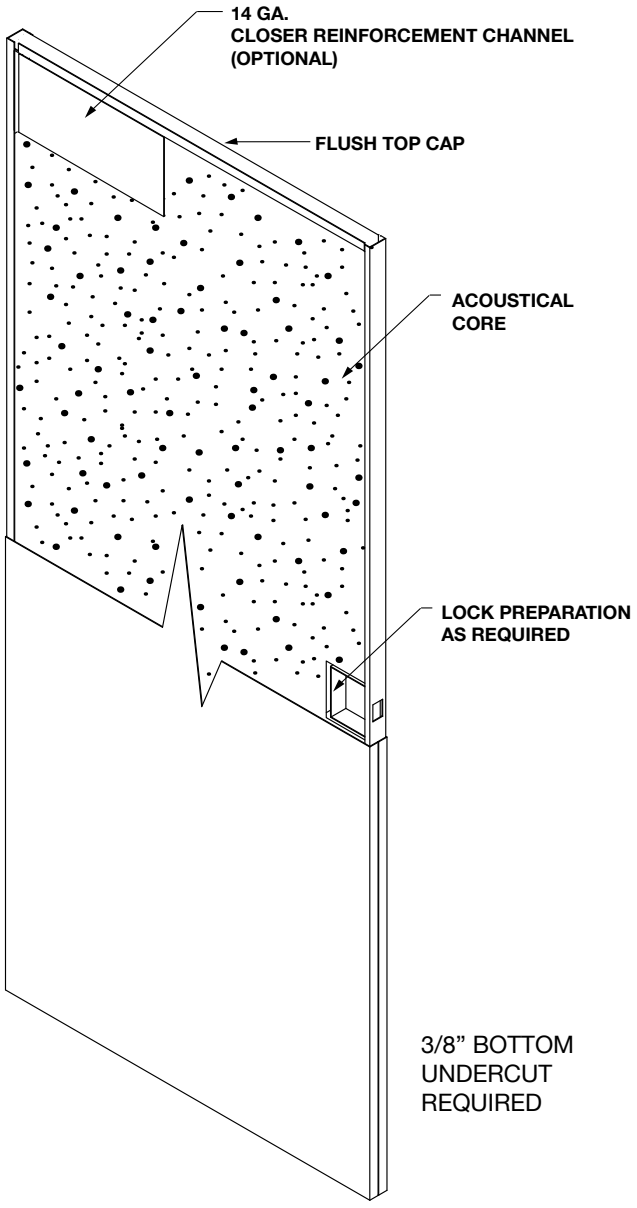
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44 (2)

BOTTOM:
PEMKO 2008 PK



757 (STC 36) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE PREPARATIONS:
STC 36 WITH RIM EXIT. ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

FIRE RATING:
3 HR. MAX

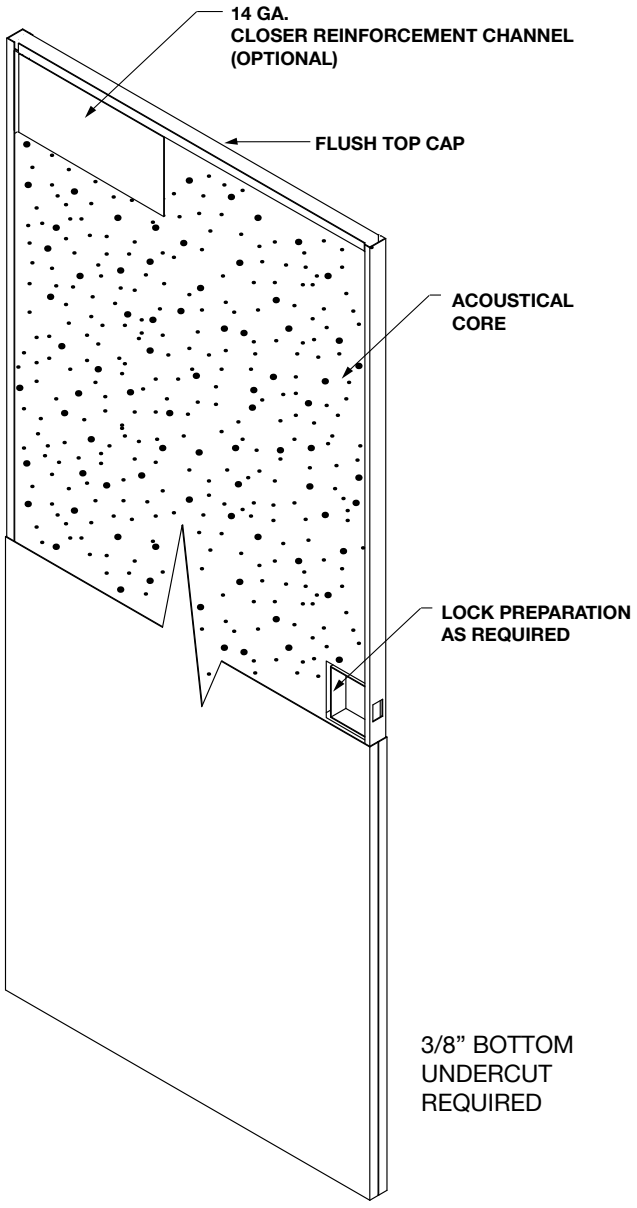
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44

BOTTOM:
PEMKO 2008 PK



757 (STC 37) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS:
ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 37 WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPS ALLOWED.
STC 37 WITH RIM PANIC. ANY COMBINATION OF TWO OPTIONAL PREPS ARE ALLOWED.

FIRE RATING:
3 HR. MAX

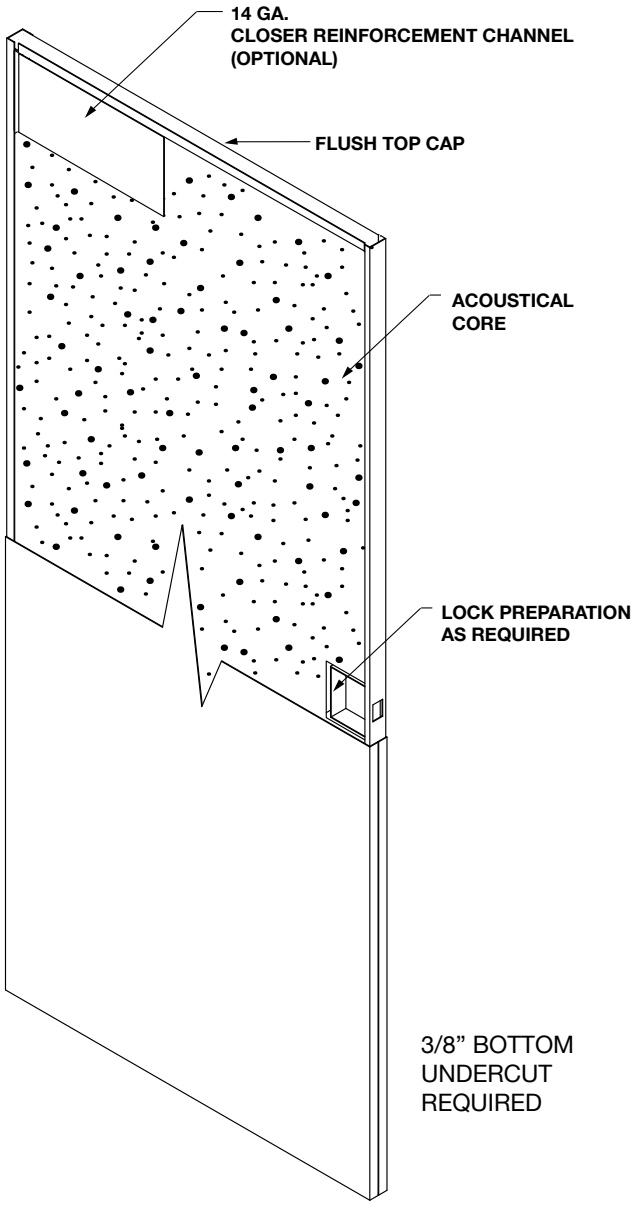
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44 (2)

BOTTOM:
PEMKO 2008 PK



757 (STC 38) ACOUSTICAL DOOR CONSTRUCTION

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS:
ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 38 WITH CYLINDRICAL LOCK. ANY COMBINATION OF (3) OPTIONAL PREPS ARE ALLOWED.
STC 38 WITH MORTISE LOCK. ANY COMBINATION OF TWO OPTIONAL PREPS ARE ALLOWED.
STC 38 WITH RIM EXIT. ONE OPTIONAL PREP ALLOWED.

FIRE RATING:
3 HR. MAX

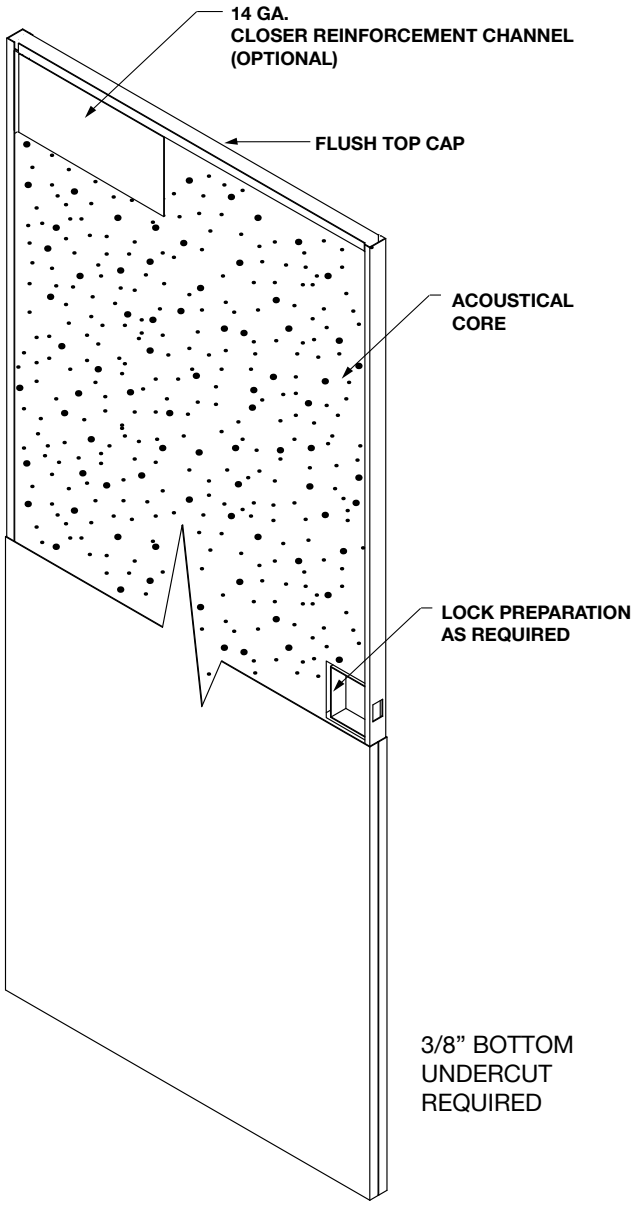
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44

BOTTOM:
PEMKO 2008 PK



757 (STC 39) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS:
ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 39 WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPS ALLOWED.
STC 39 WITH MORTISE LOCK. ONE OPTIONAL PREP ALLOWED.
STC 39 WITH RIM EXIT. OPTIONAL PREPS NOT ALLOWED.

FIRE RATING:
3 HR. MAX

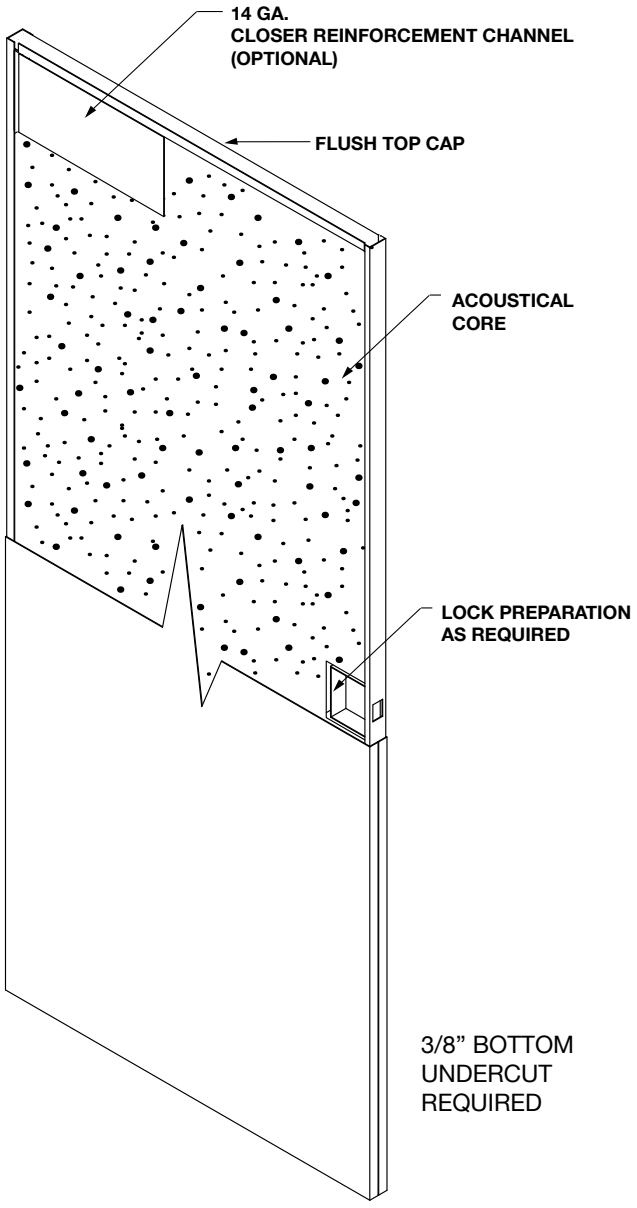
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44 (2)

BOTTOM:
PEMKO 2008 PK



757 (STC 40) ACOUSTICAL DOOR CONSTRUCTION

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS:
ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 40 WITH CYLINDRICAL LOCK. ONE OPTIONAL PREP ALLOWED.
STC 40 WITH MORTISE LOCK. OPTIONAL PREPS NOT ALLOWED.

FIRE RATING:
3 HR. MAX

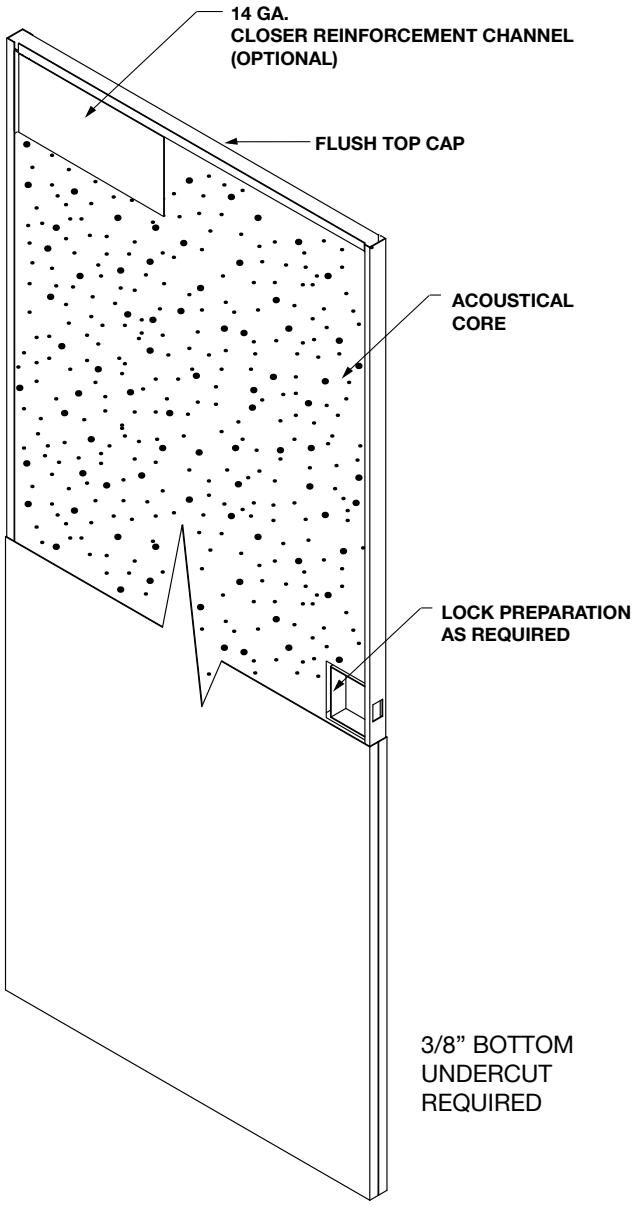
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44

BOTTOM:
PEMKO 2008 PK



757 (STC 41) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 41 WITH CYLINCRICAL LOCK. OPTIONAL PREPS NOT ALLOWED.

FIRE RATING:
3 HR. MAX

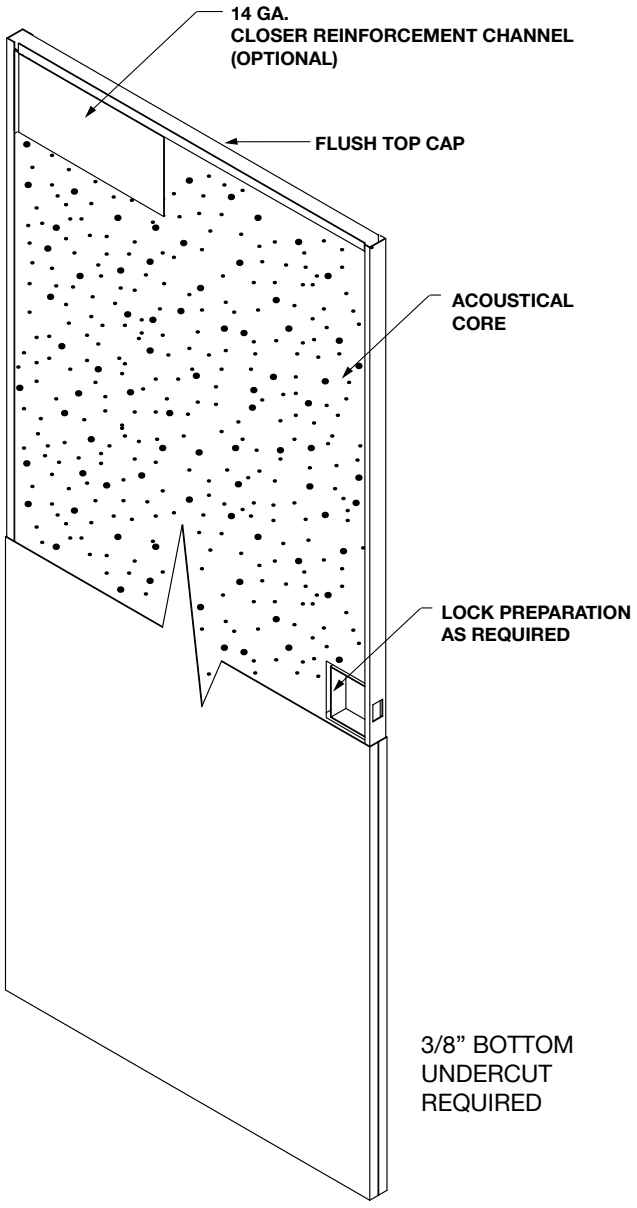
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44 (2)

BOTTOM:
PEMKO 2008 PK



757 (STC 42) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 42 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 42 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 42 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 42 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

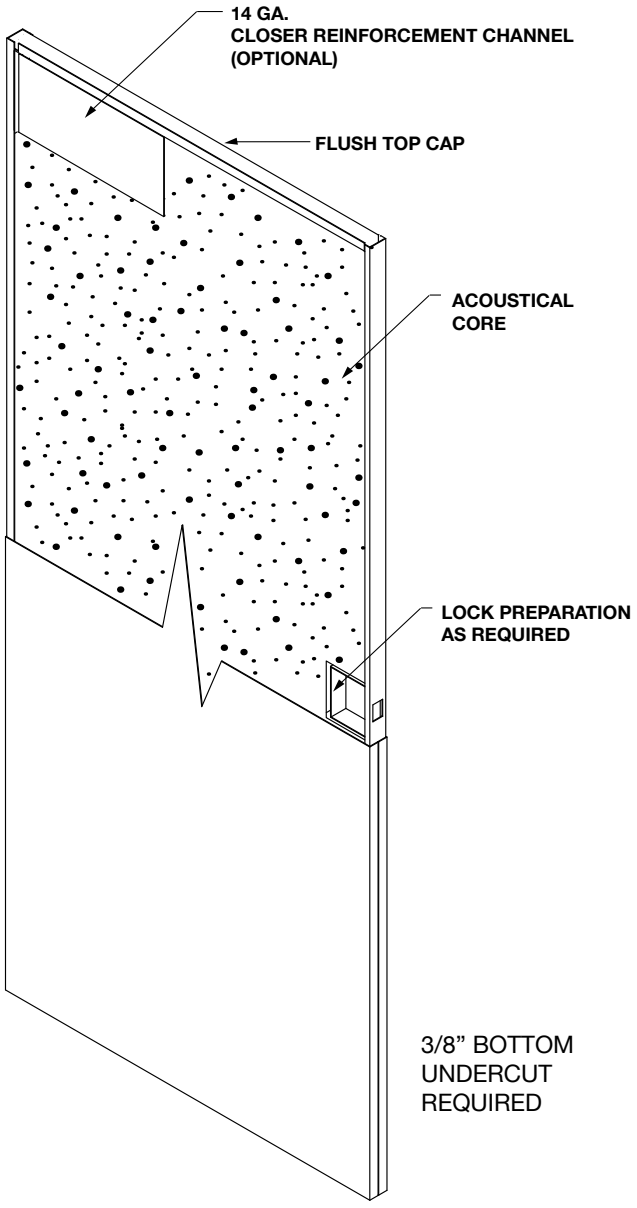
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 43) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 43 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 43 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 43 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 43 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

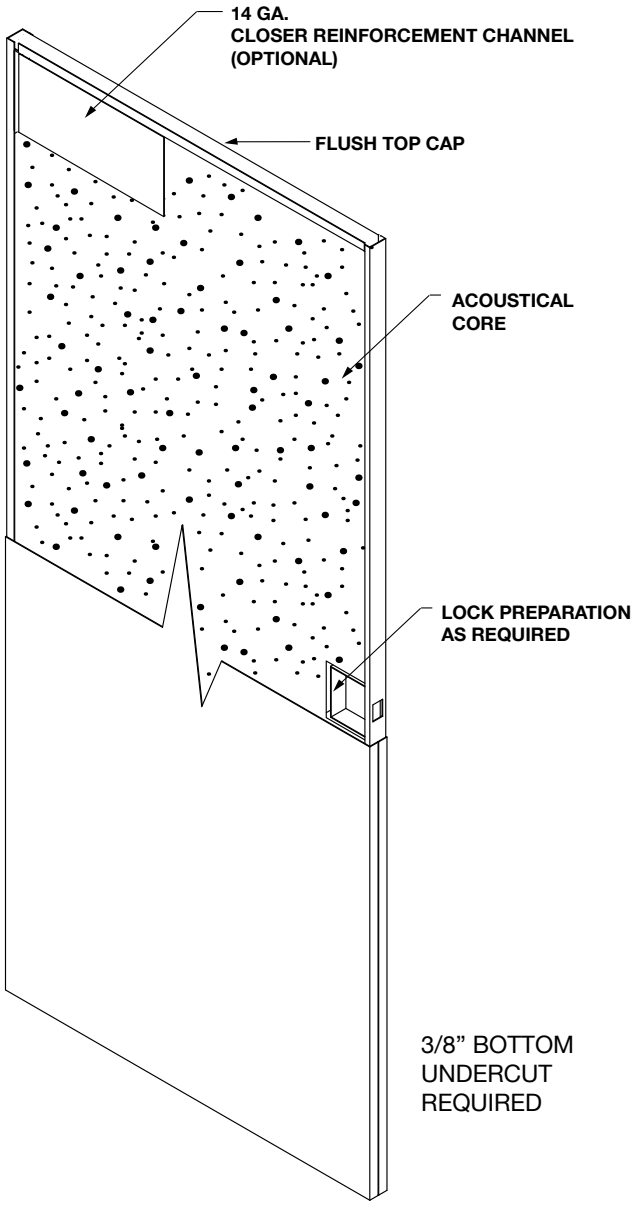
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 44) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 44 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 44 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 44 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 44 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

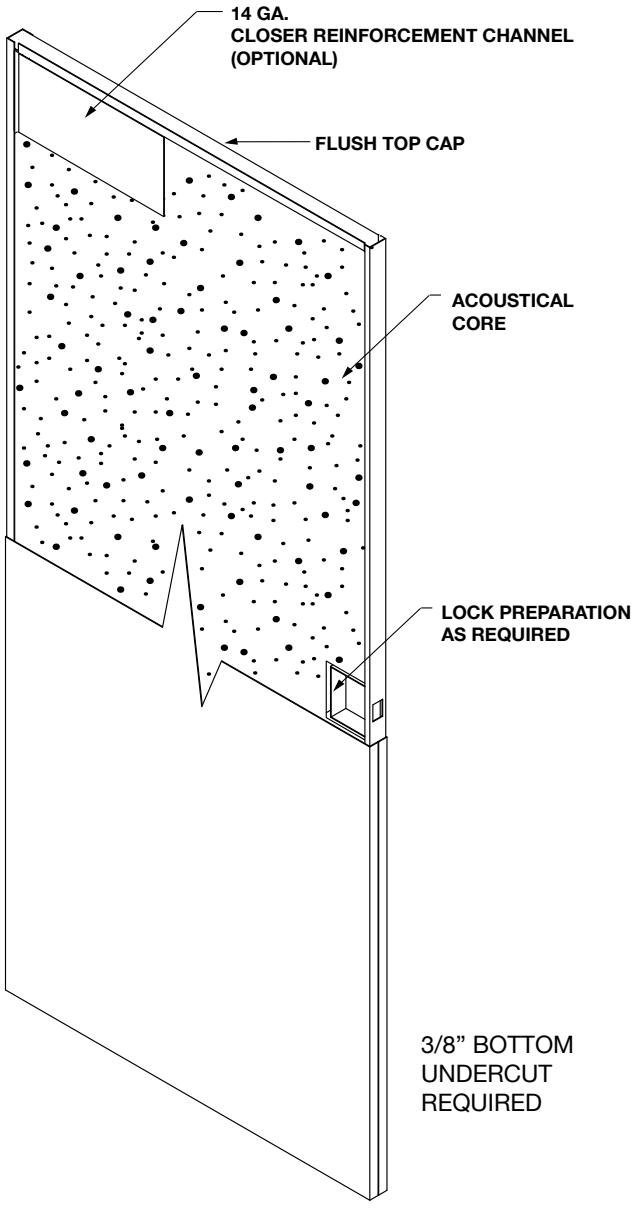
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 45) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

STC 45 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 45 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 45 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 45 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

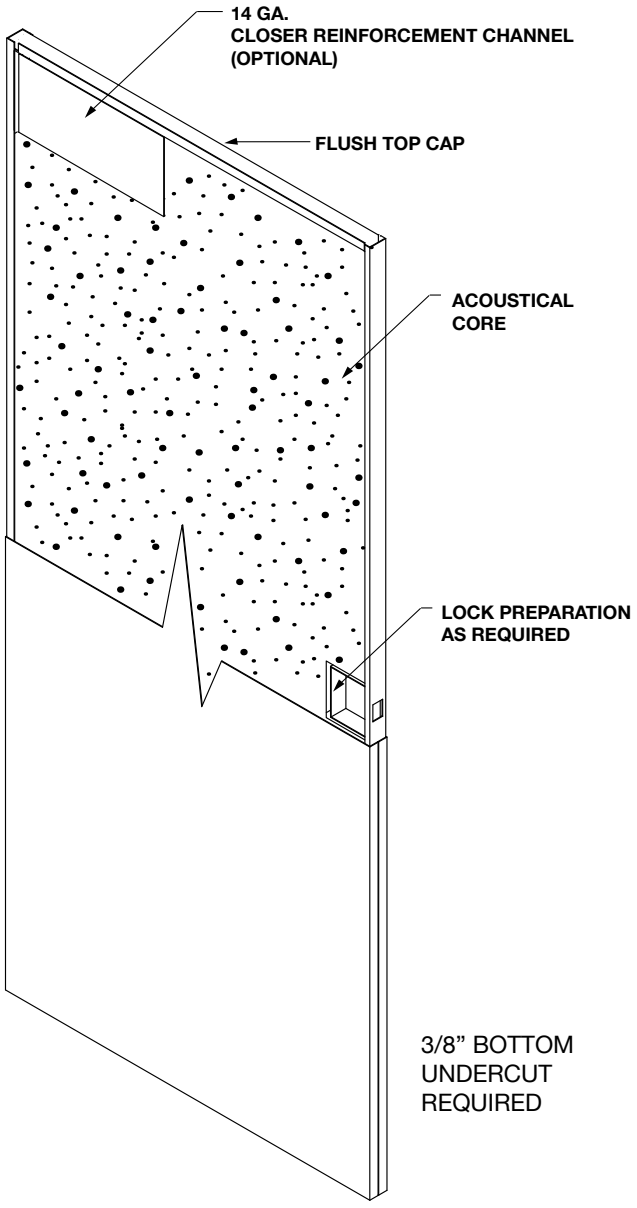
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 46) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 46 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 46 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 46 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 46 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

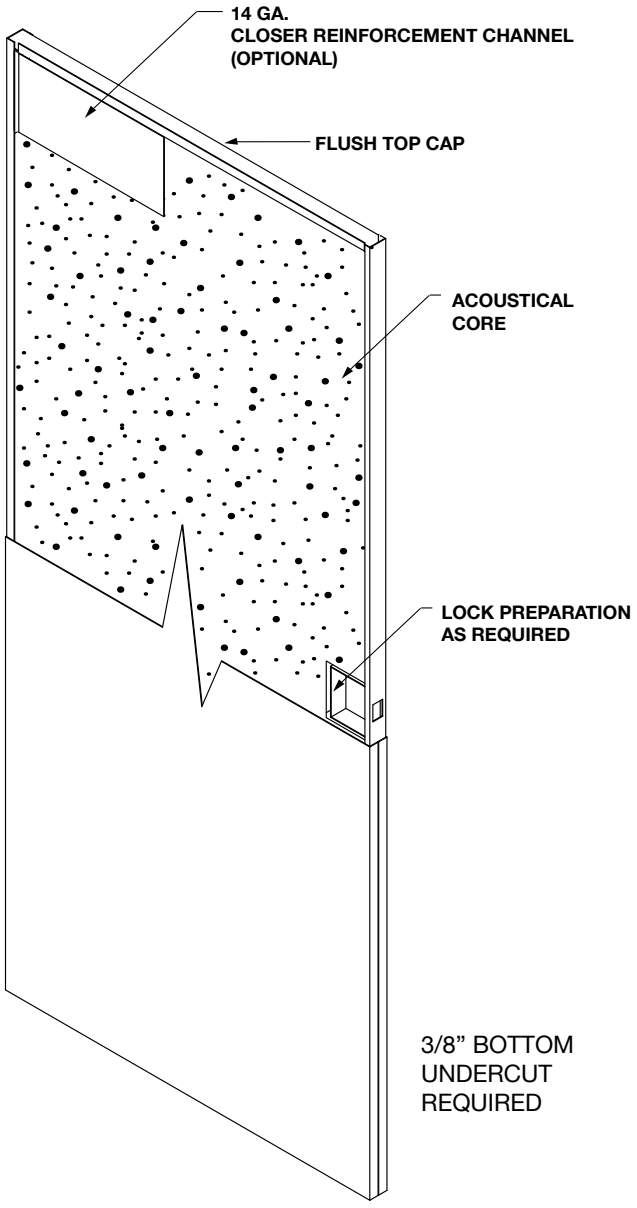
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 47) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

STC 47 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 47 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 47 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 47 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

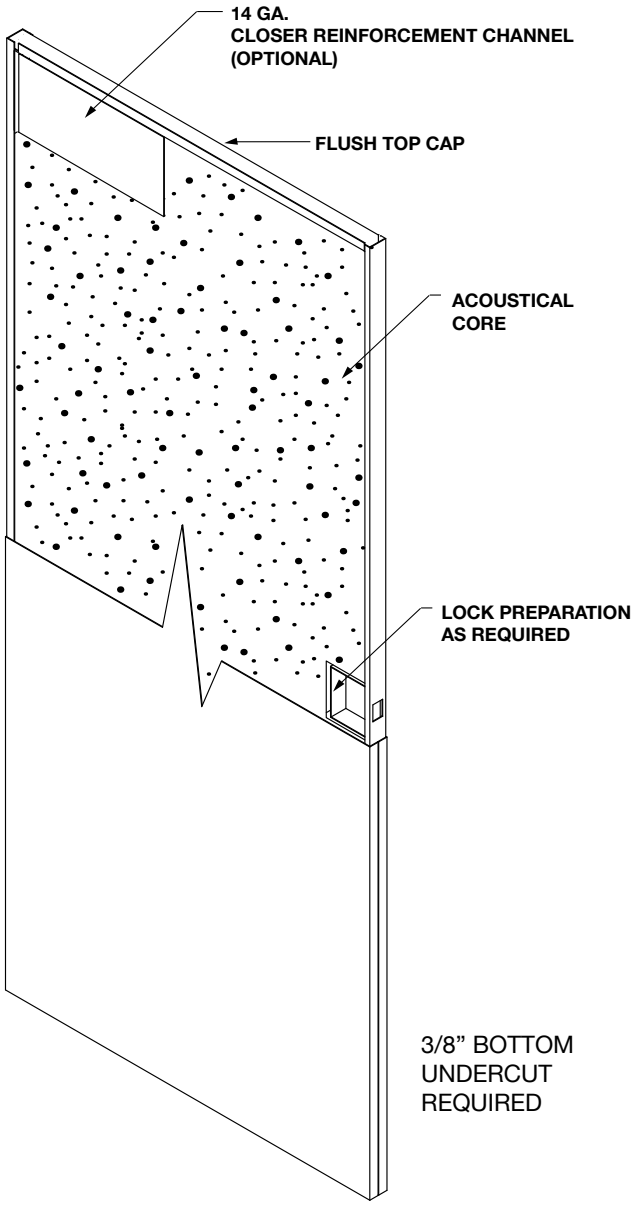
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 48) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 48 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 48 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 48 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 48 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

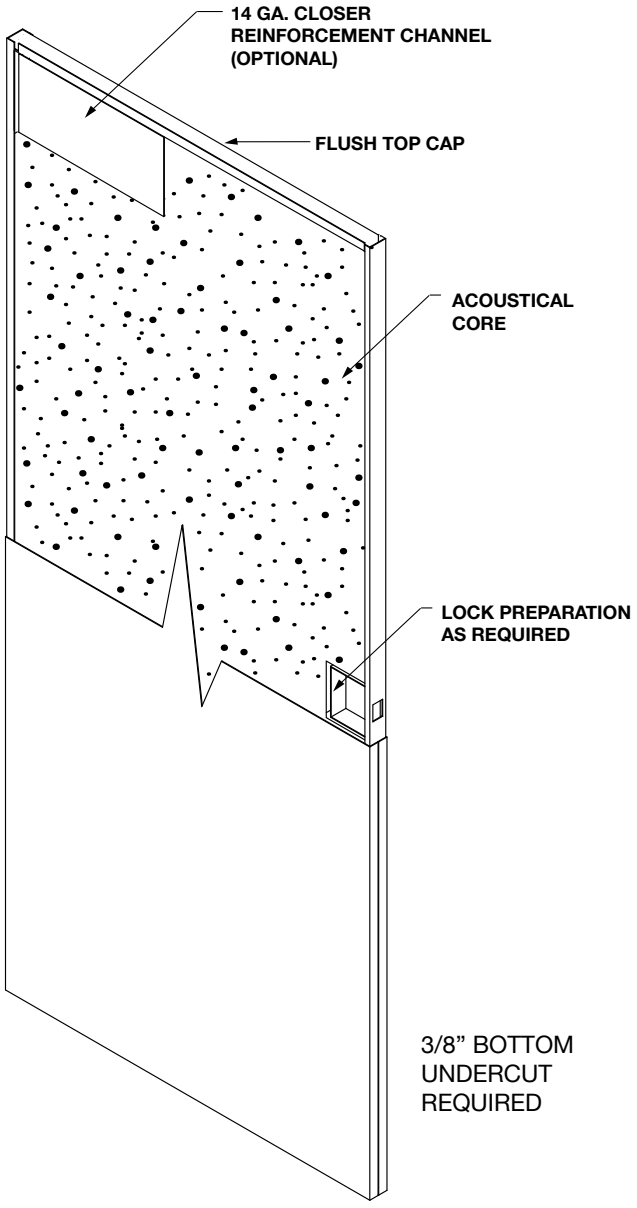
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 49) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 49 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 49 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 49 WITH LOCKMASTER/MILITARY LOCK MAY HAVE (1) OPTIONAL PREP.
STC 49 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

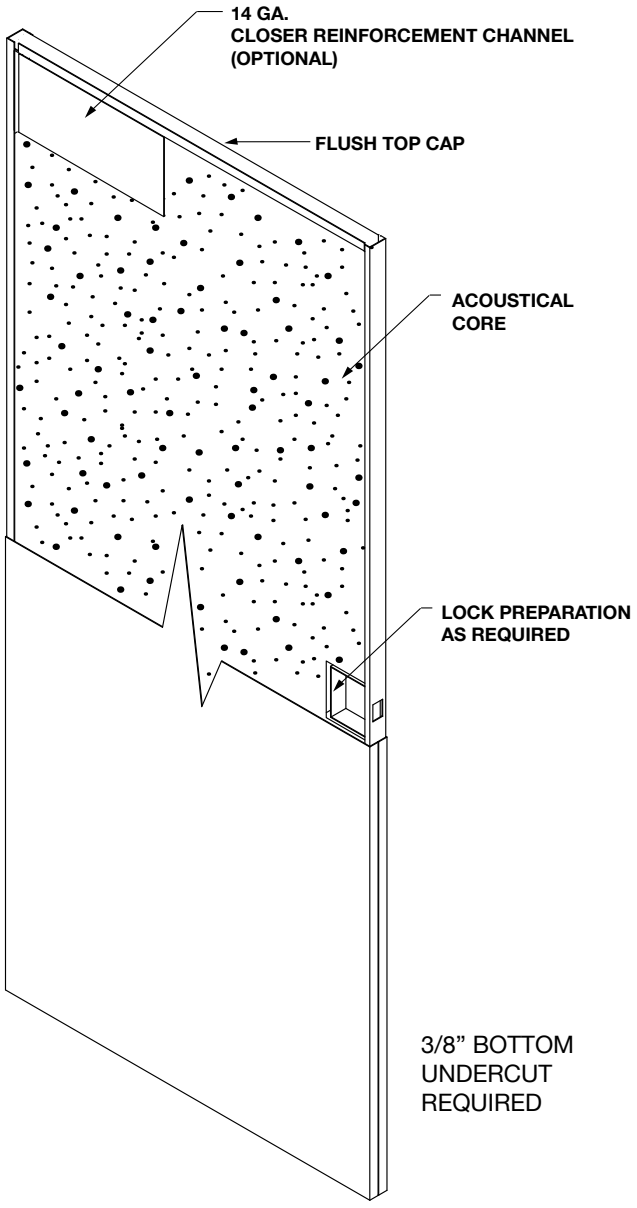
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 50) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 50 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 50 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.
STC 50 WITH RIM PANIC MAY HAVE (1) OPTIONAL PREP.
STC 50 WITH LOCKMASTER/MILITARY LOCK OPTIONAL PREPS ARE NOT AVAILABLE.

FIRE RATING:
3 HR. MAX.

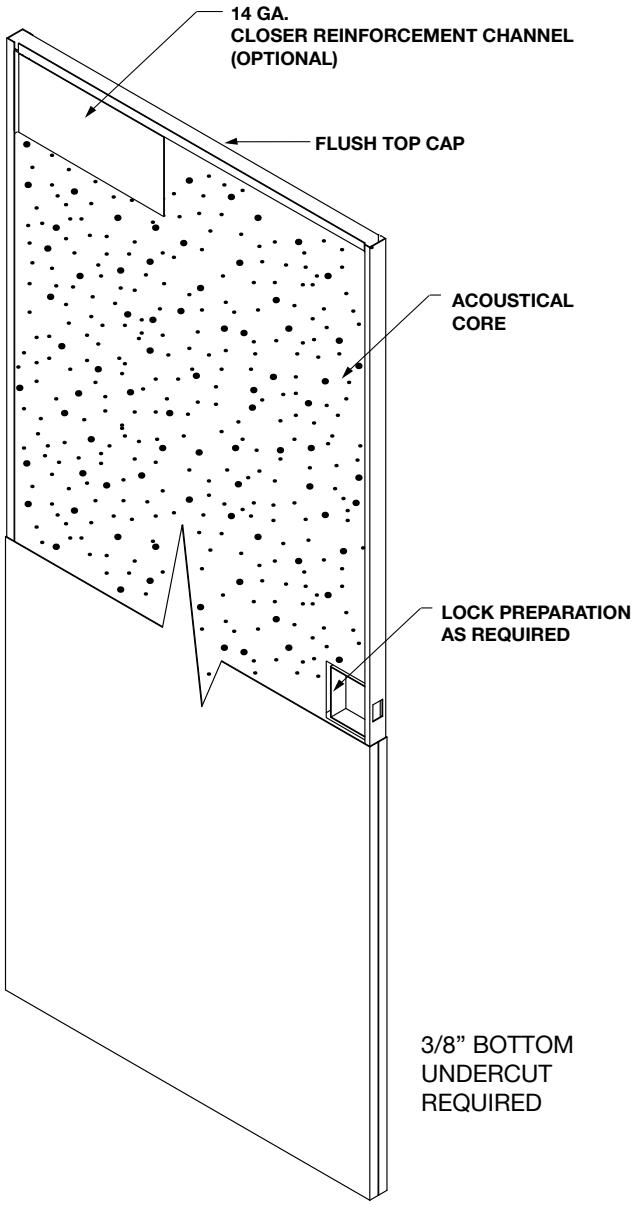
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 51) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 51 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.
STC 51 WITH MORTISE LOCK MAY HAVE (1) OPTIONAL PREP.
STC 51 WITH RIM PANIC OPTIONAL PREPS ARE NOT AVAILABLE.

FIRE RATING:
3 HR. MAX.

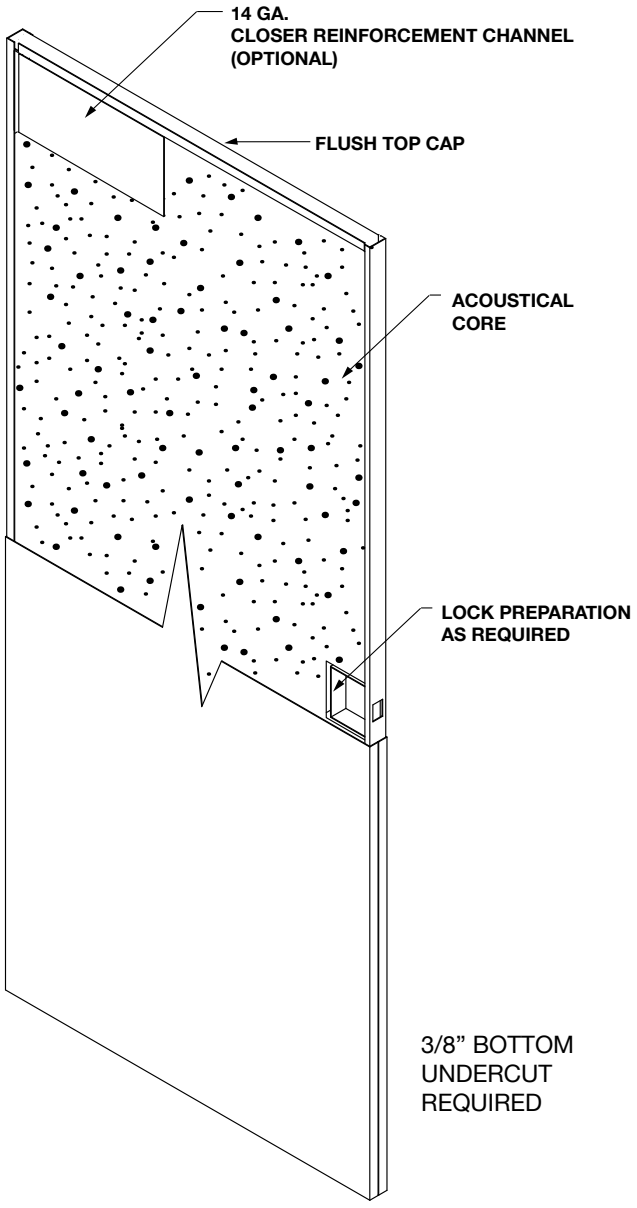
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 52) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 52 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HOUR MAX.

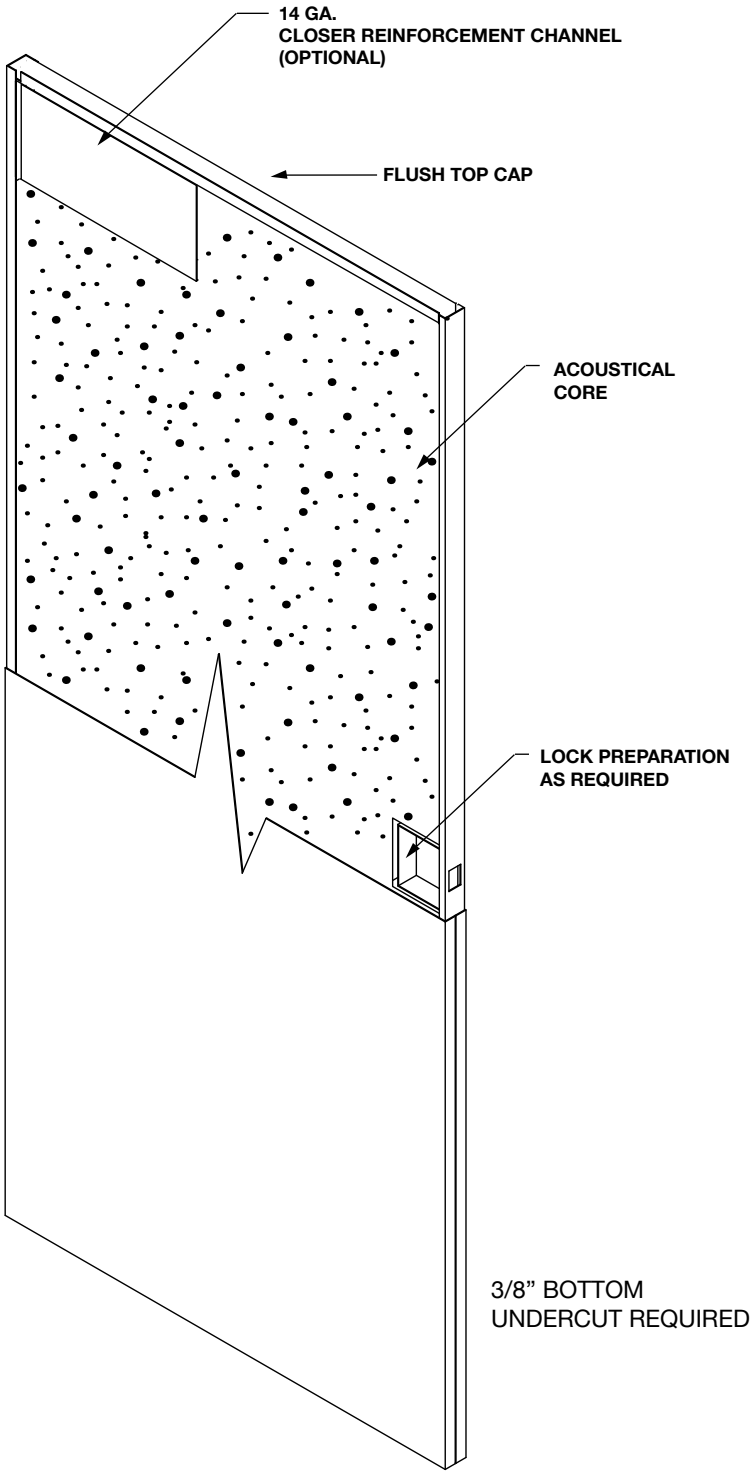
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 55) ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *SAME AS STC 52-54 PAGE*
5. *2-1/2" THICK DOORS*
6. *THE FRAMES MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - PEMKO X25M CONTINUOUS HINGE INCLUDED WITH DOOR*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *FRAME REQUIRES 1-1/4" HIGH STOP*
12. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 55 - CYLINDRICAL ONLY (SARGENT 11-LINE OR CORBIN RUSSWIN CL 3100)

FIRE RATING:
STC 55 - NON-RATED ONLY

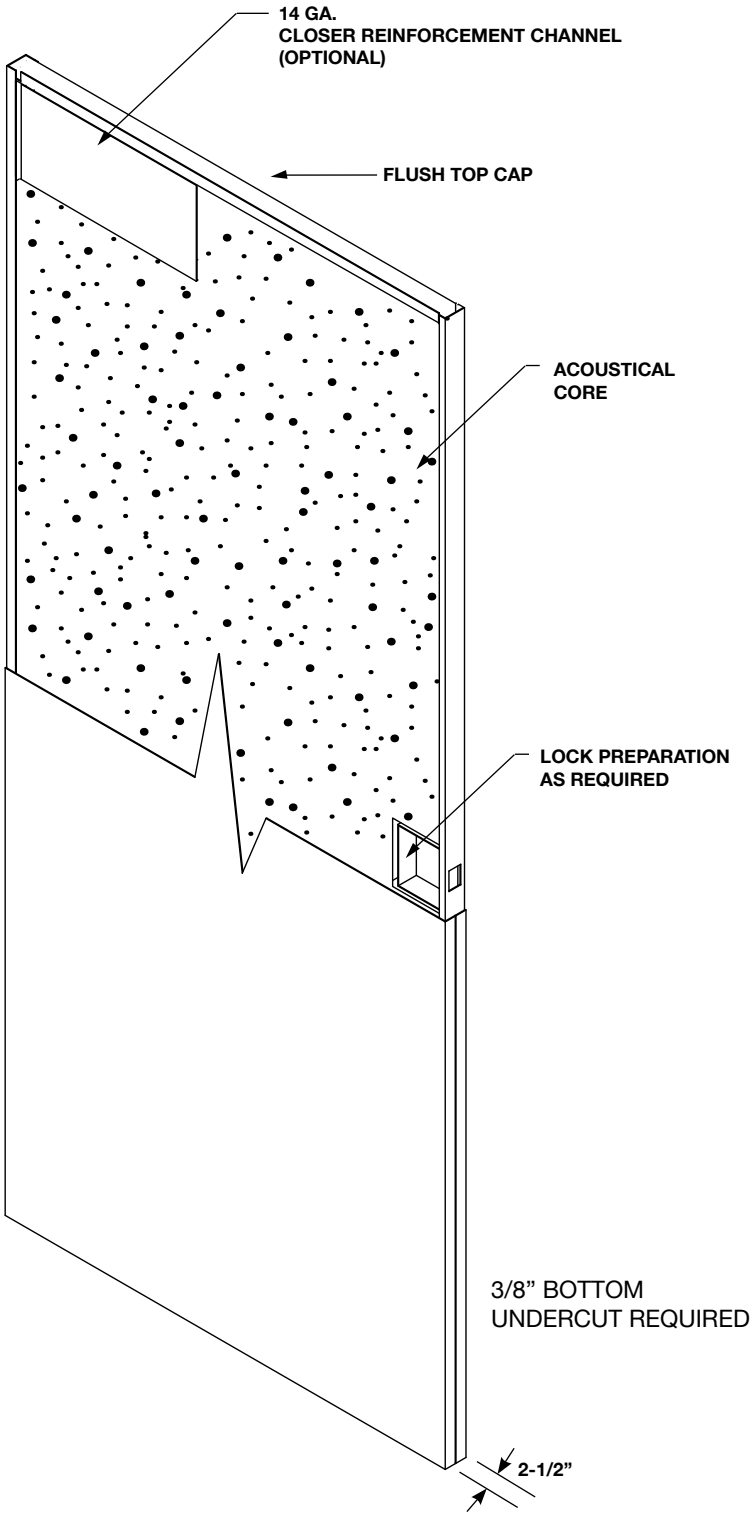
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #7:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S776 (2)

BOTTOM:
PEMKO S44
PEMKO S776
PEMKO 2008 PK



STC 32-41 TEMP. RISE 450°
757 (STC 32) TEMP. RISE ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 32 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450° TEMPERATURE RISE

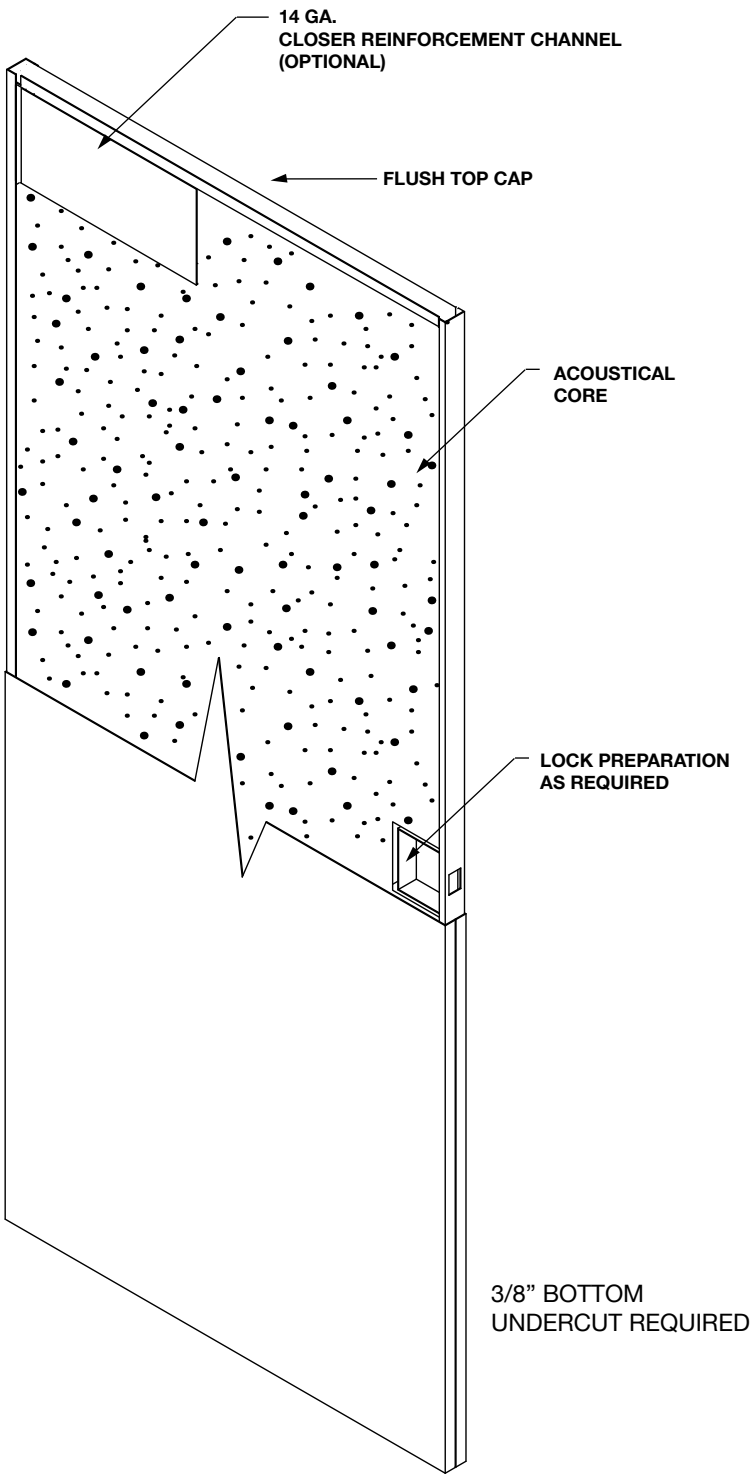
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 33) TEMP. RISE ACOUSTICAL DOOR CONSTRUCTION

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 33 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

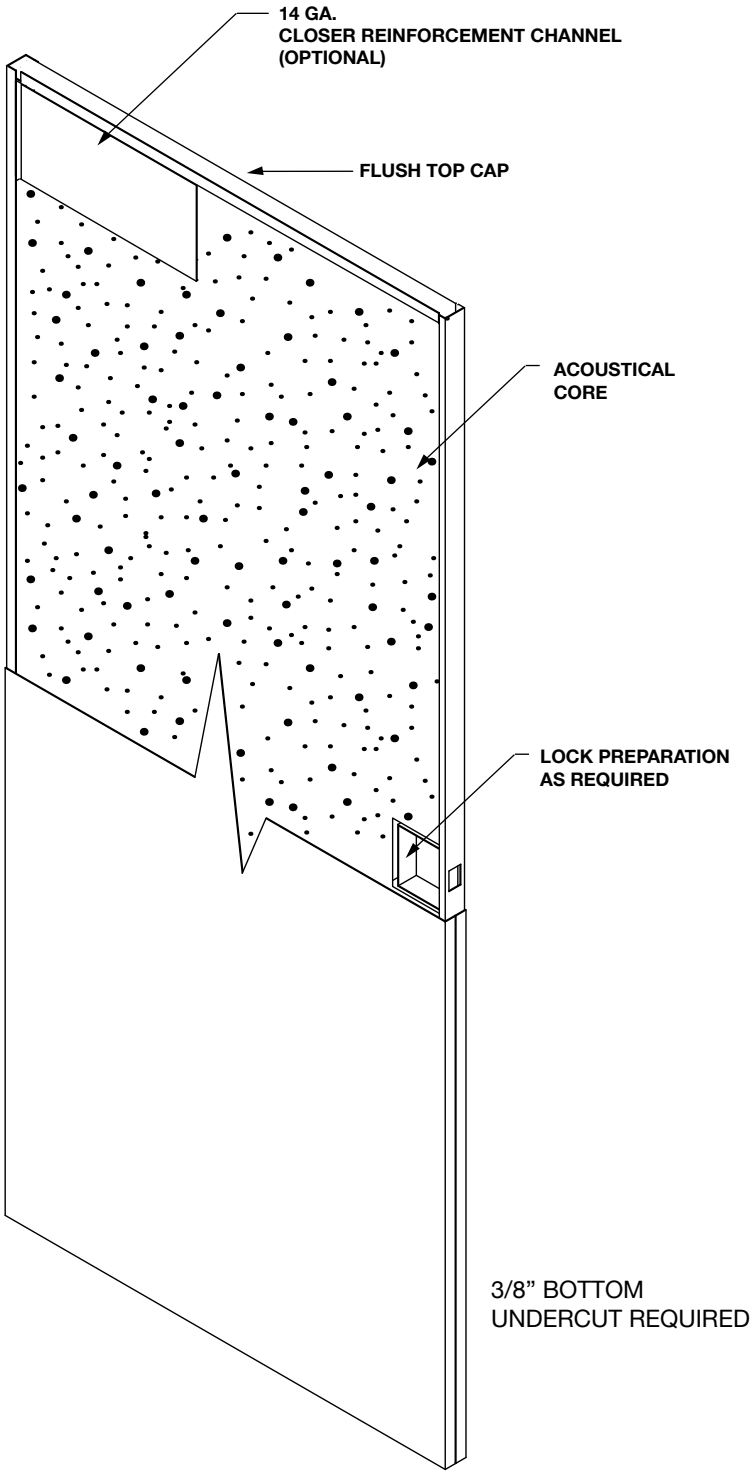
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 34) TEMP. RISE ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 34 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

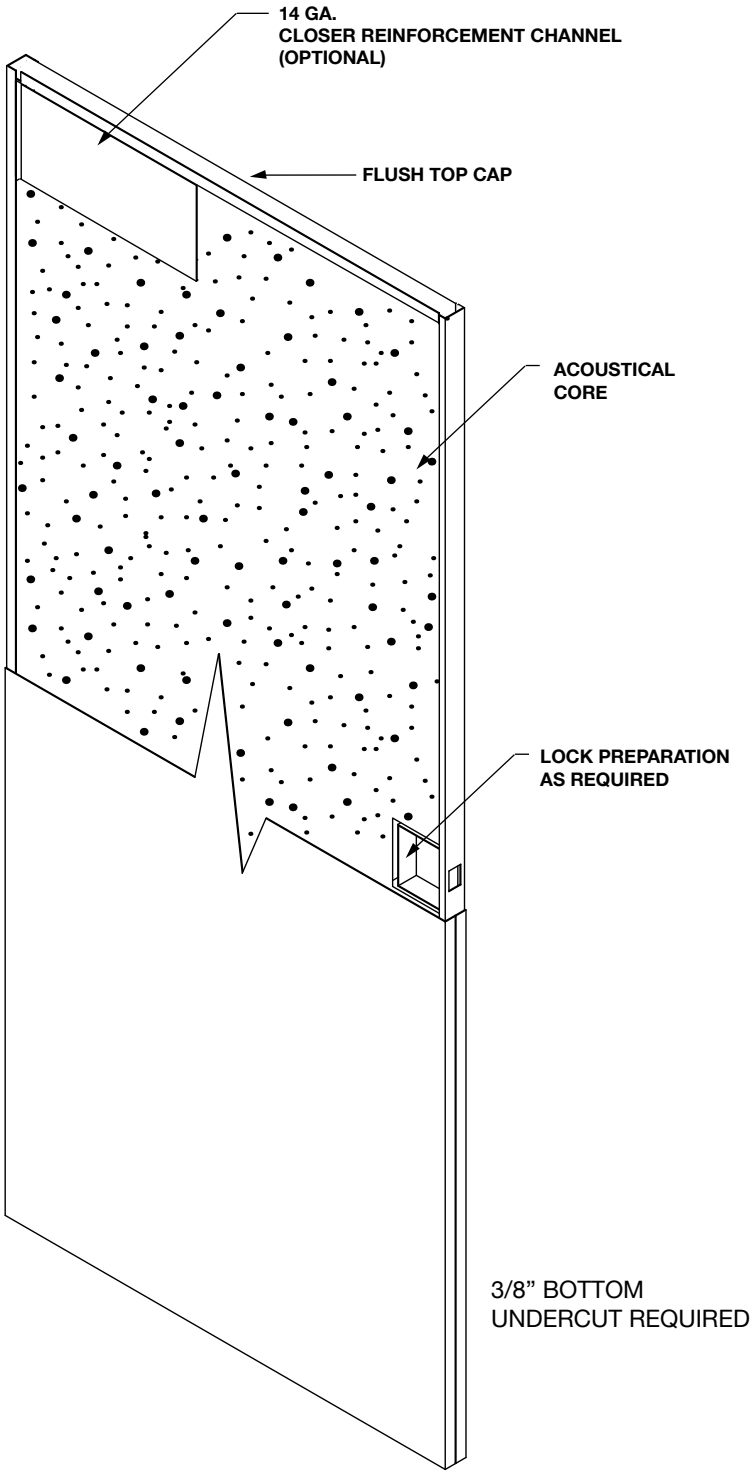
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 35) TEMP. RISE ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 35 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

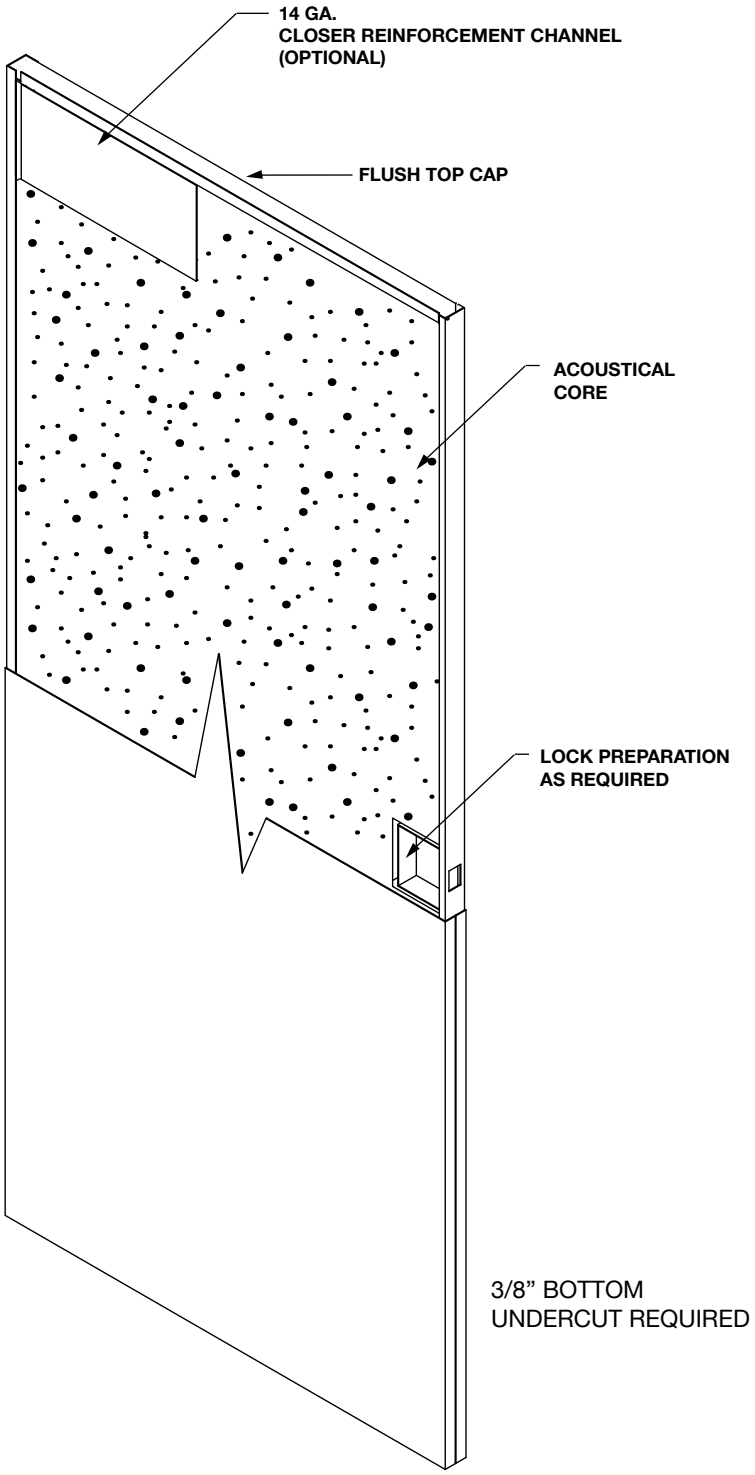
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 36) TEMP. RISE ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 36 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

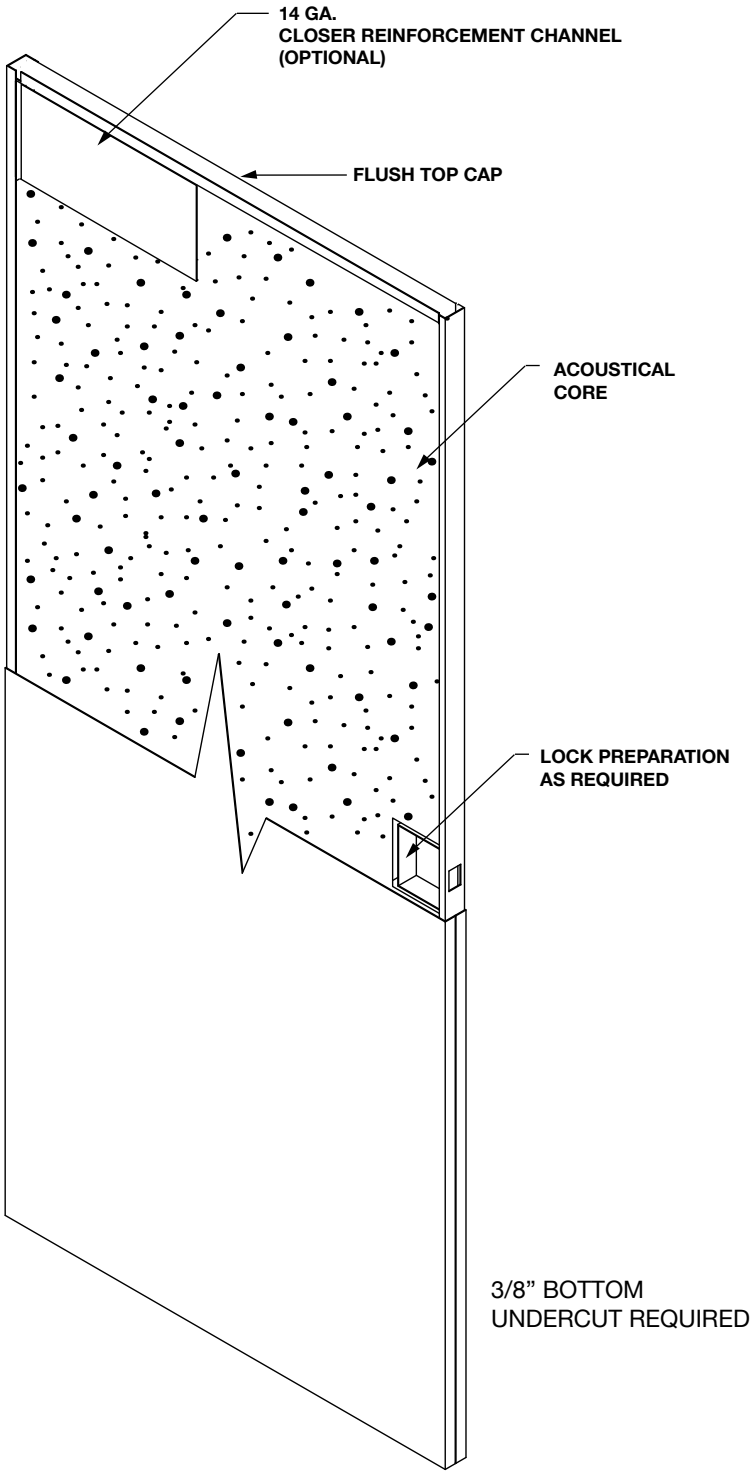
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 37) TEMP. RISE ACOUSTICAL DOOR CONSTRUCTION

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 37 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

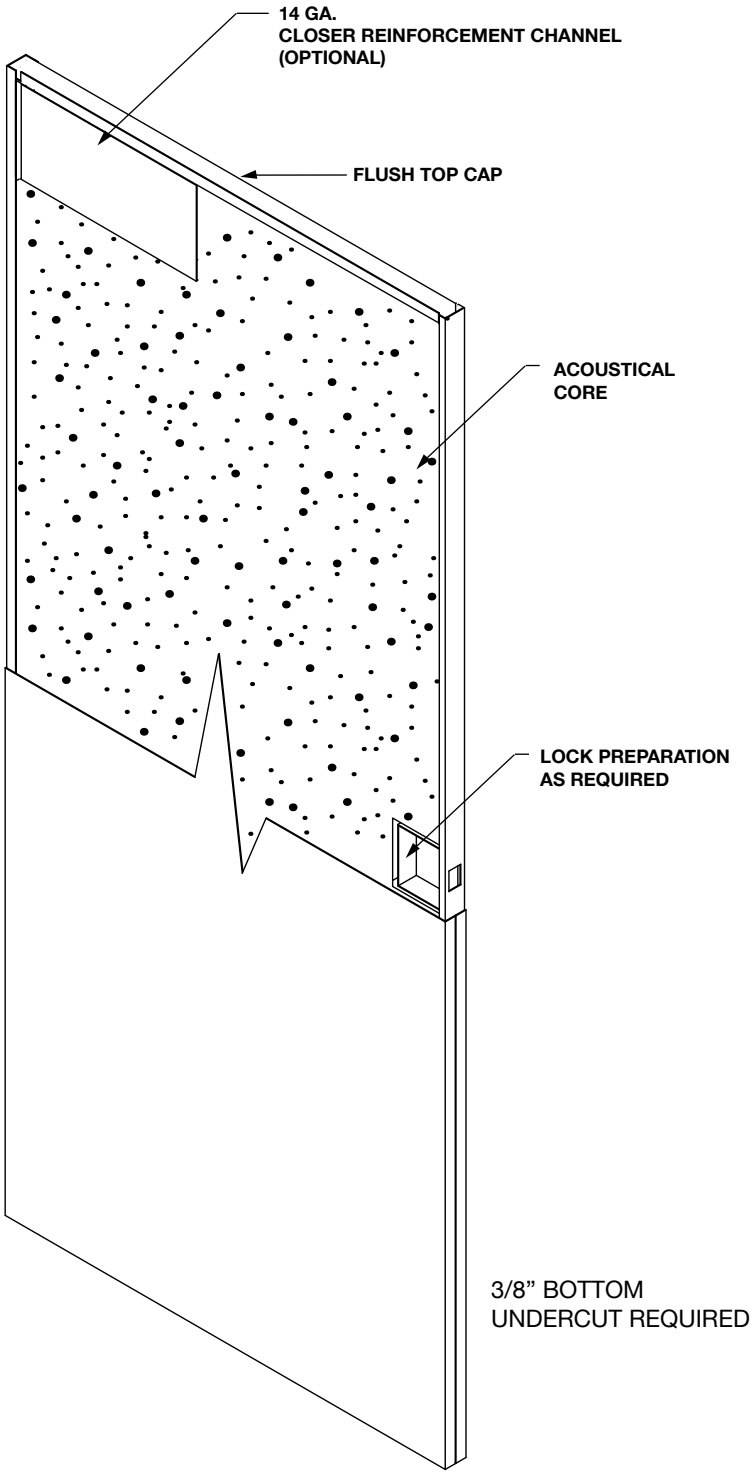
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 38) TEMP. RISE ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 38 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

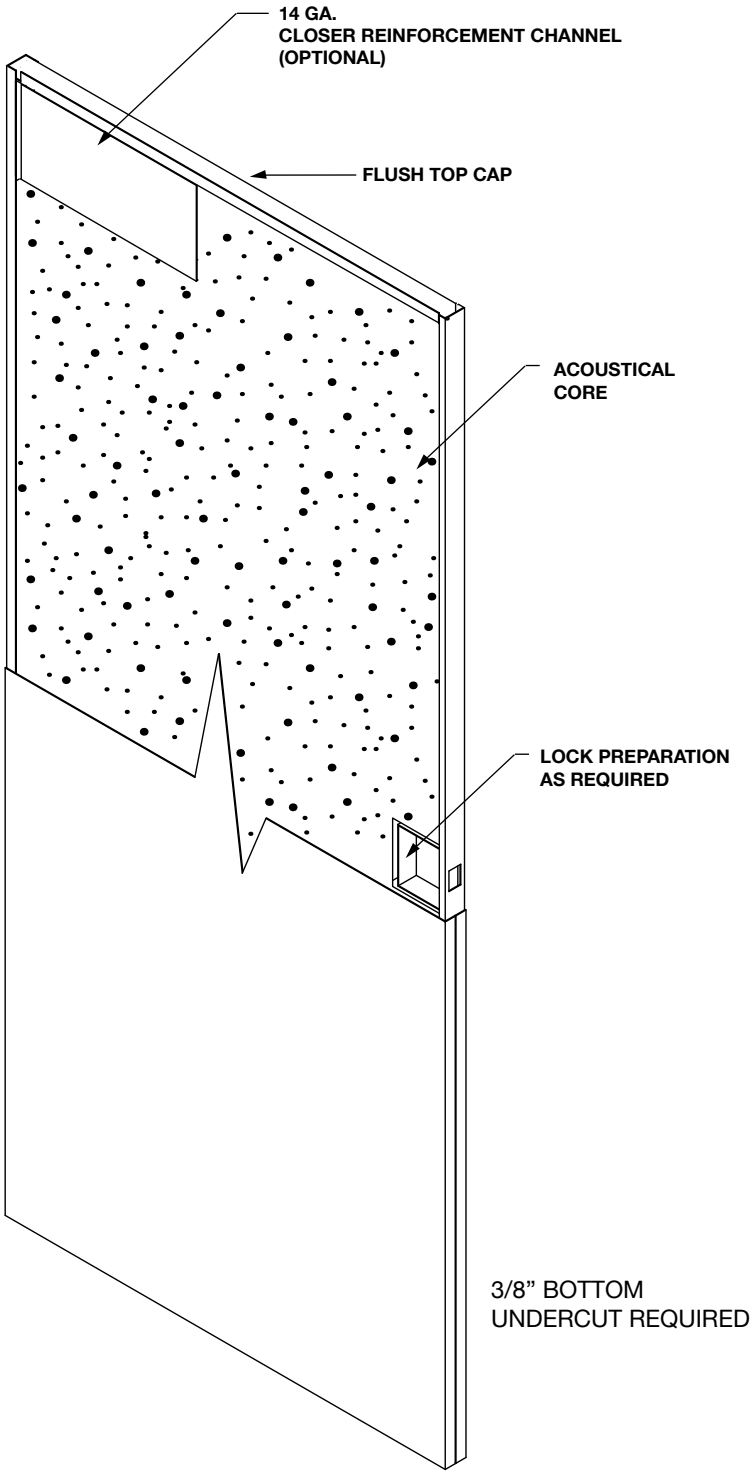
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 39) TEMP. RISE ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 39 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

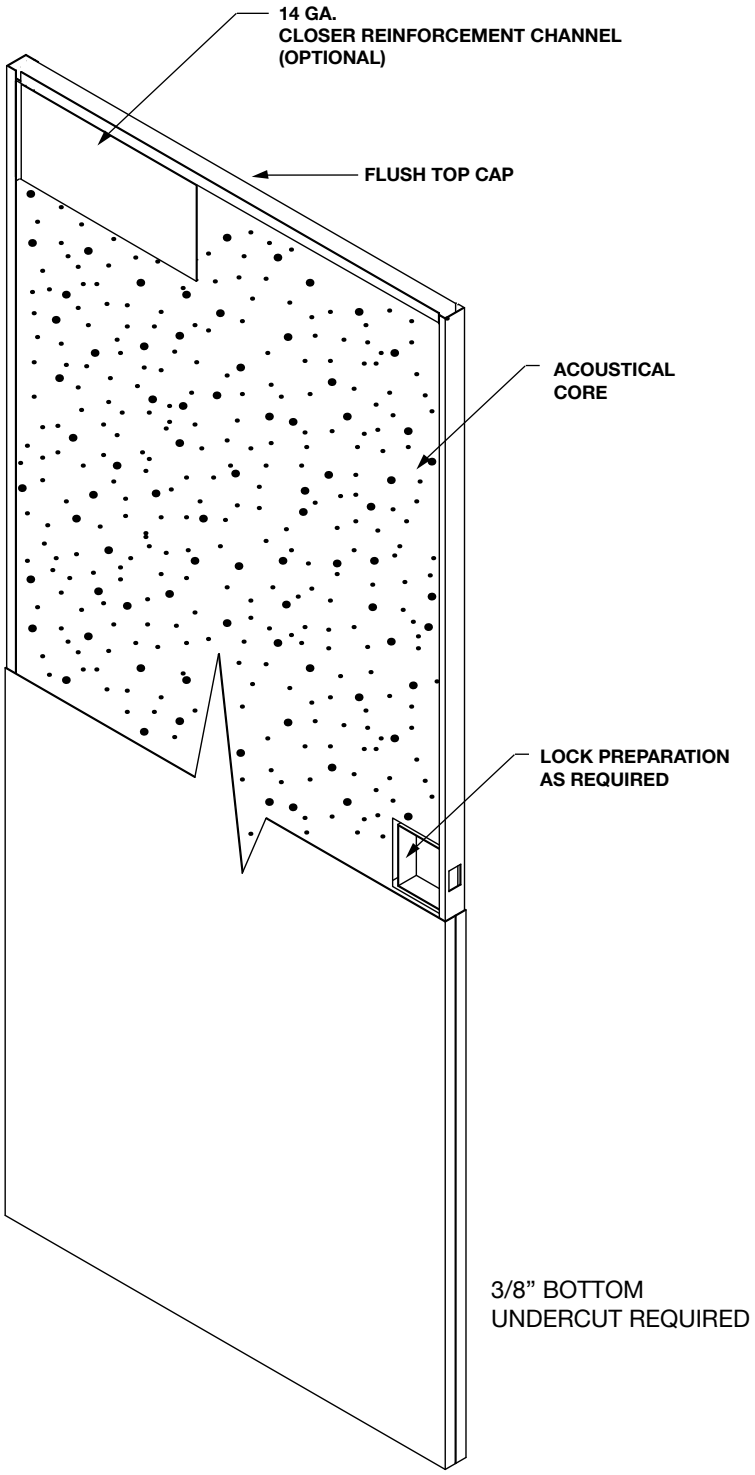
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 40) TEMP. RISE ACOUSTICAL DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 40 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

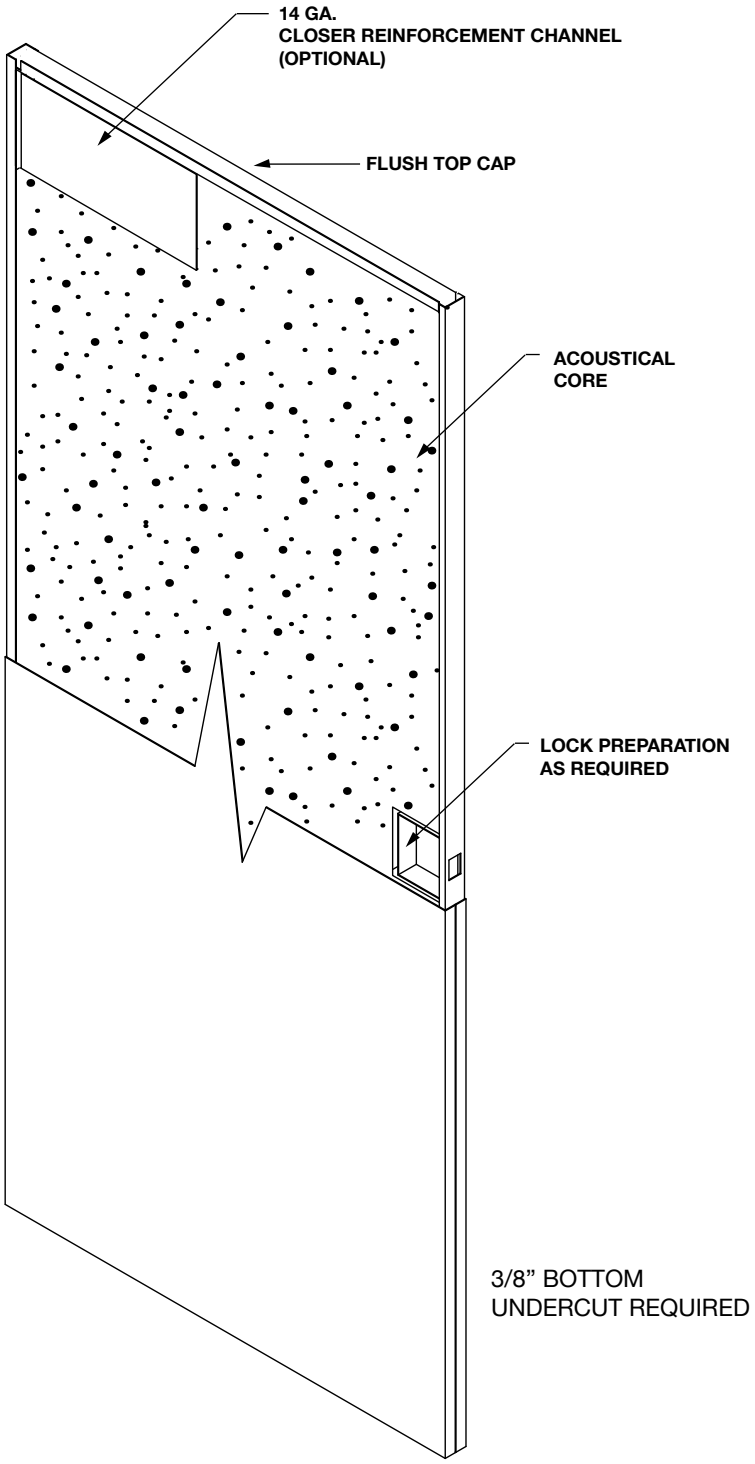
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 41) TEMP. RISE ACOUSTICAL DOOR CONSTRUCTION

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 41 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

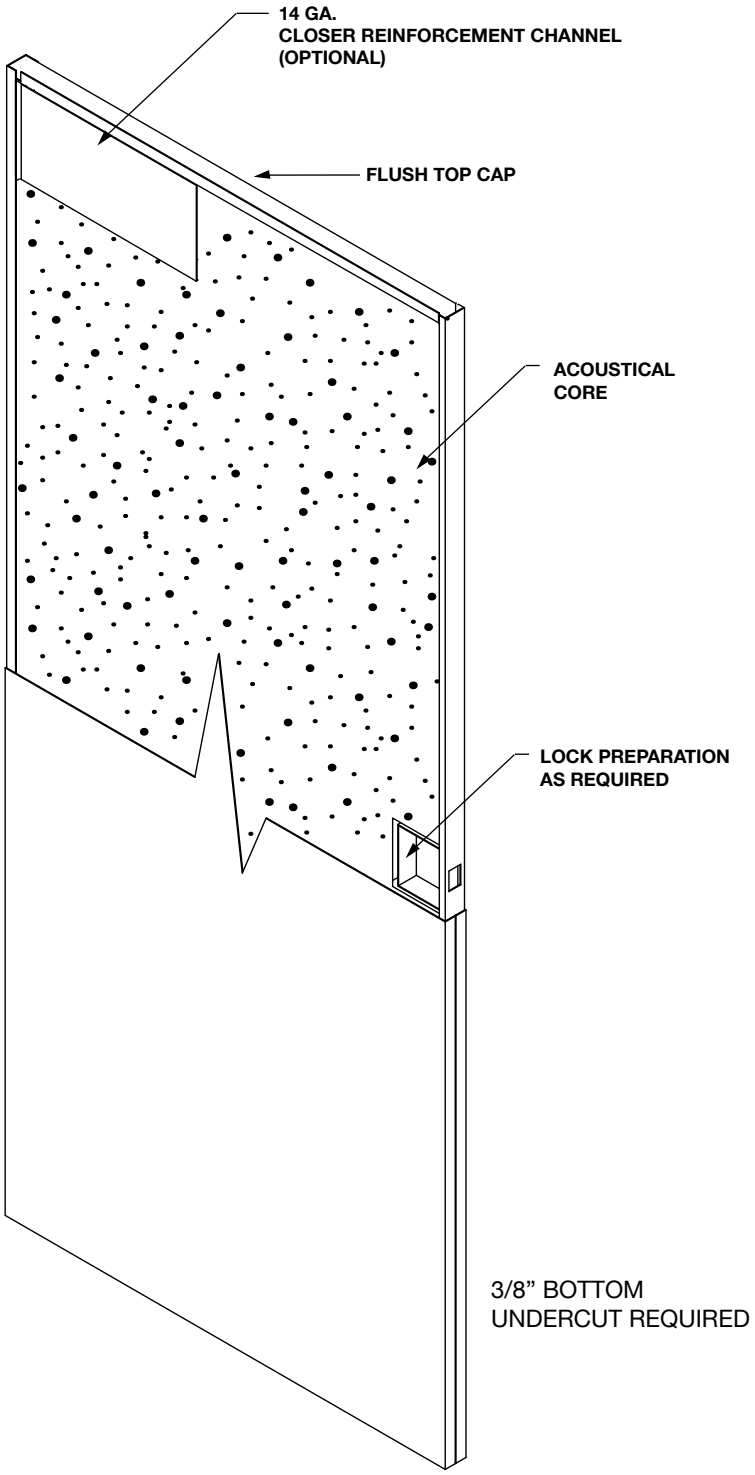
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



STC 32-48 EMBOSSED PANEL
757 (STC 32) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVY WEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE:
ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 32 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 32 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 32 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 32 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 32 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 32 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

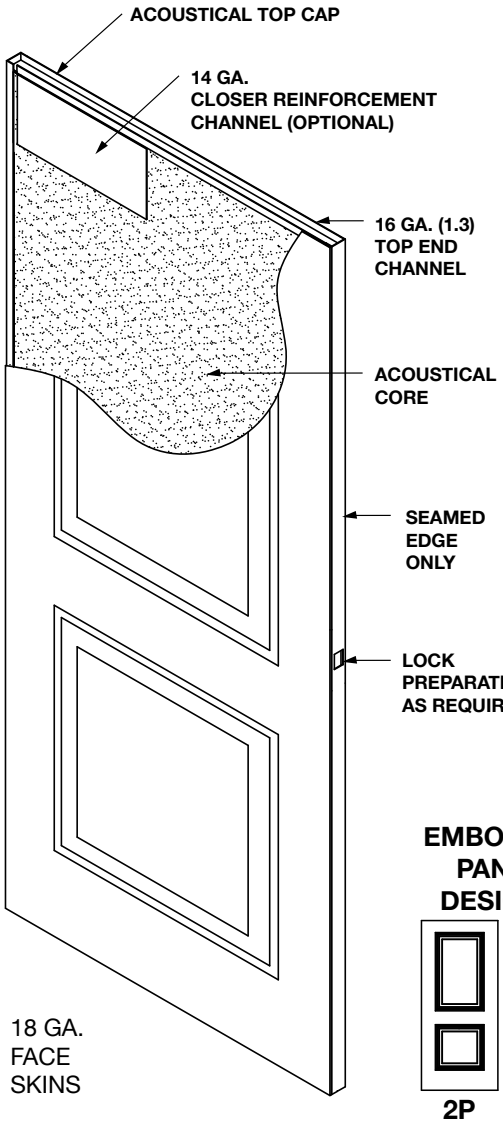
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

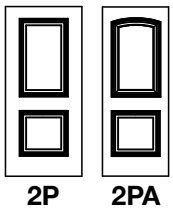
SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

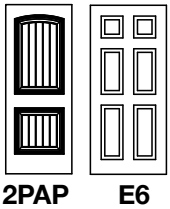
PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



EMBOSSED PANEL DESIGNS





757 (STC 33) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 33 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 33 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 33 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 33 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 33 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 33 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

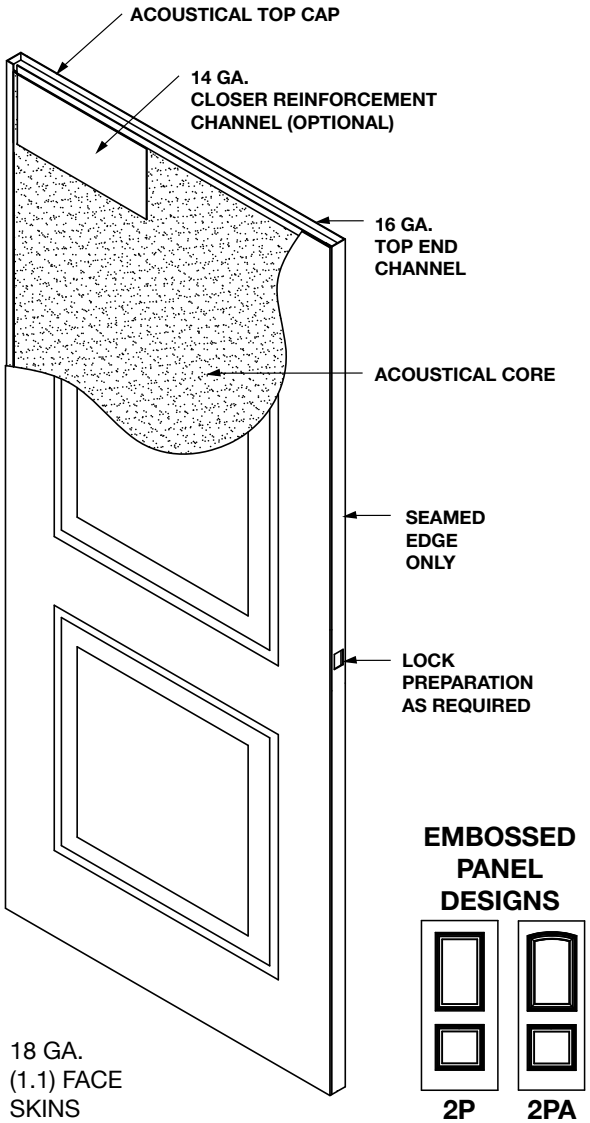
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

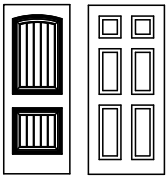
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS



757 (STC 34) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 34 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 34 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 34 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 34 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 34 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 34 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

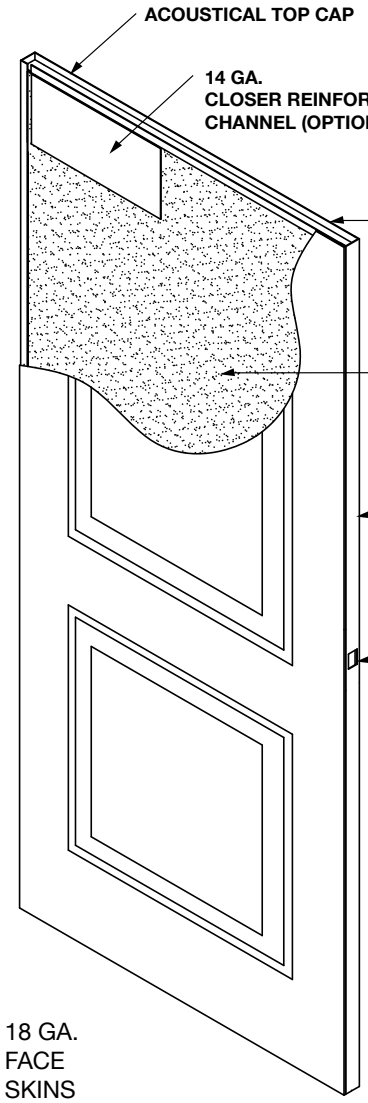
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

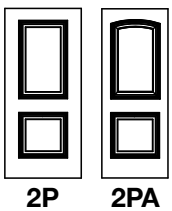
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

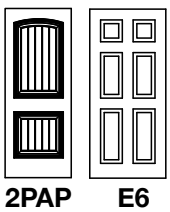


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 35) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 35 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 35 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 35 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 35 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 35 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 35 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

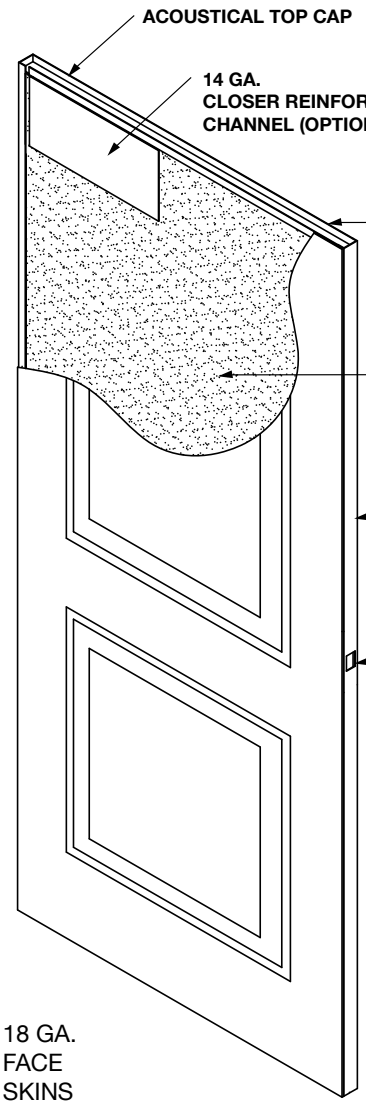
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

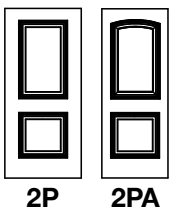
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

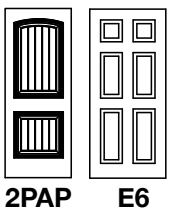


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 36) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 36 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 36 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 36 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 36 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 36 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 36 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

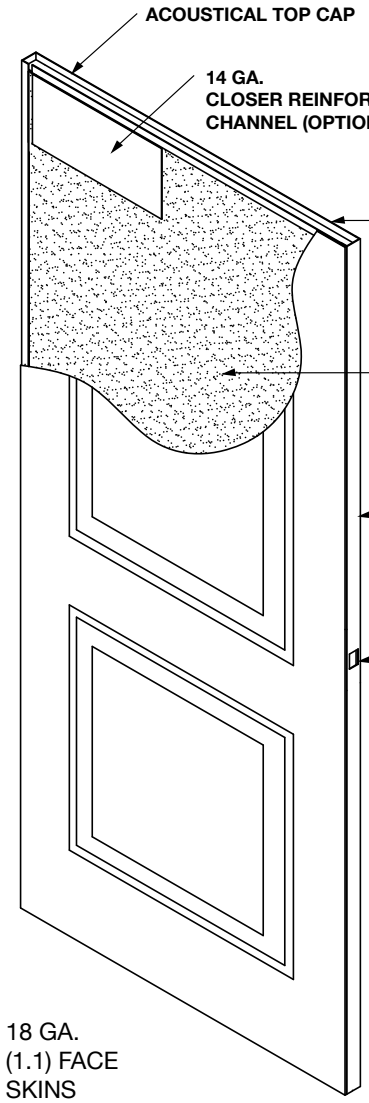
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

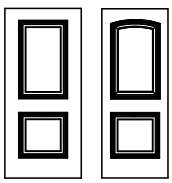
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

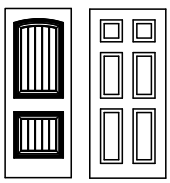


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 37) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 37 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 37 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 37 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 37 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 37 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 37 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

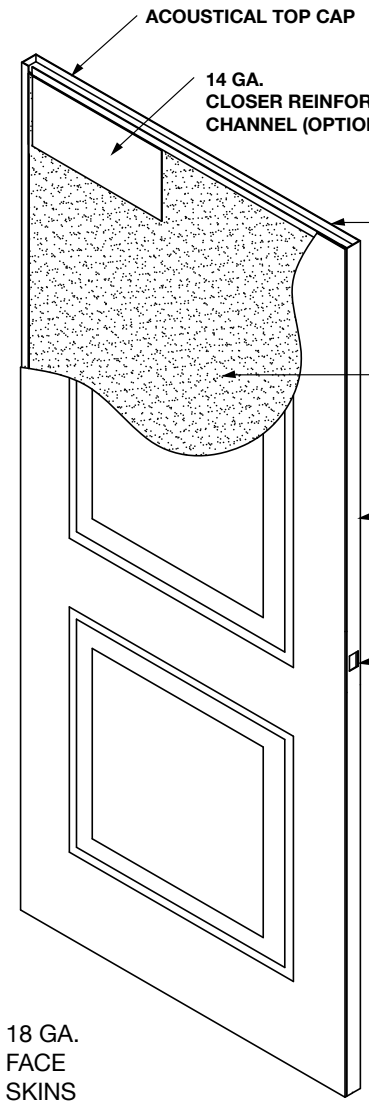
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

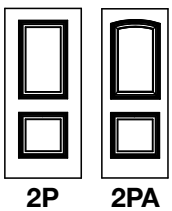
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

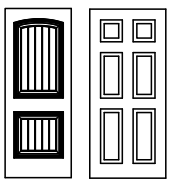


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 38) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 38 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 38 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 38 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 38 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 38 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 38 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

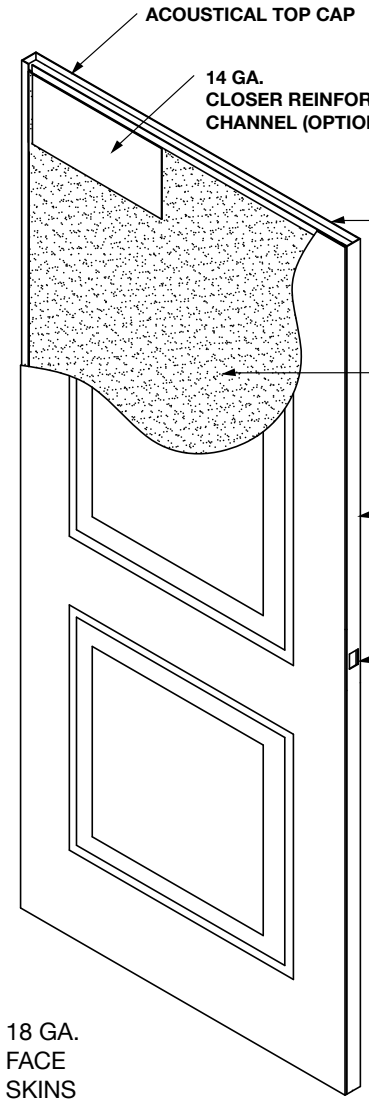
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

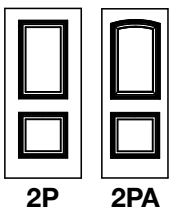
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

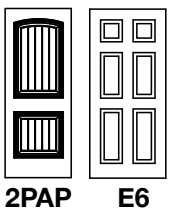


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 39) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 39 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 39 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 39 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 39 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 39 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 39 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

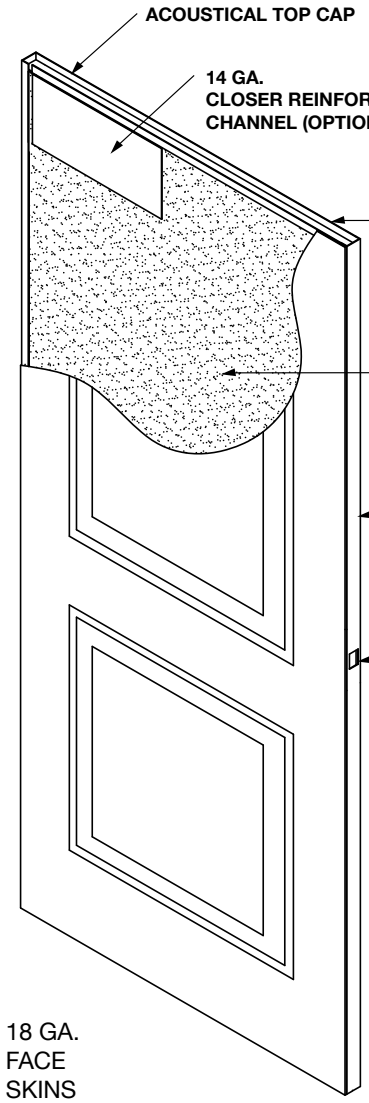
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

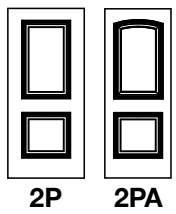
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

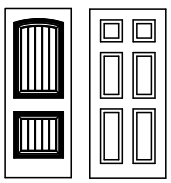


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 40) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 40 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 40 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 40 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 40 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 40 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 40 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

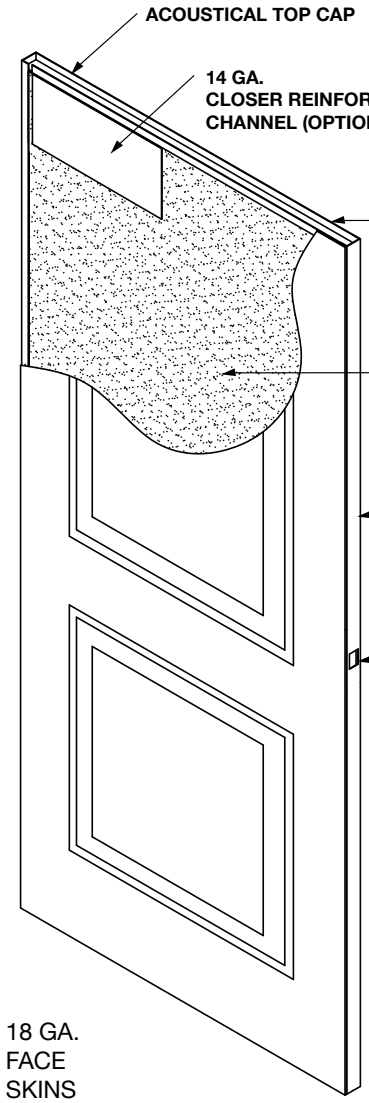
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

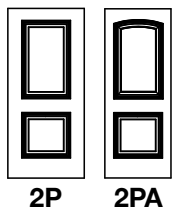
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

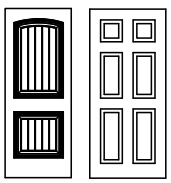


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 41) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED.*
   16 OR 14 GA., STANDARD HOLLOW METAL FRAME
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 41 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 41 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 41 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONSALLOWED.

STC 41 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 41 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 41 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

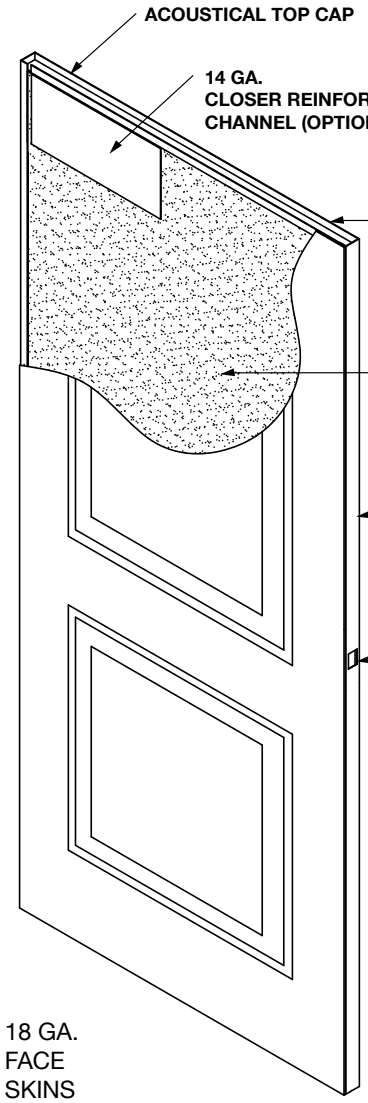
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

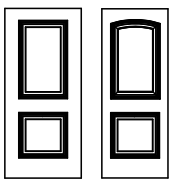
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

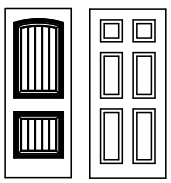


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 42) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 42 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 42 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 42 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONSALLOWED.

STC 42 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 42 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 42 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

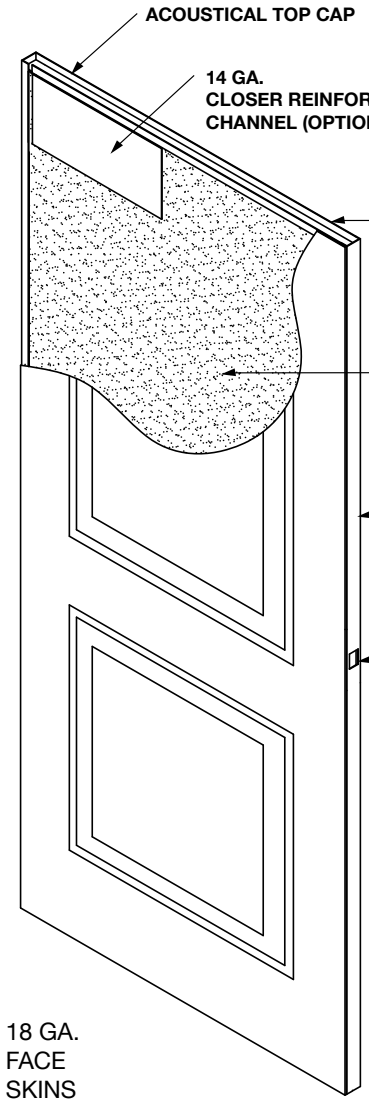
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

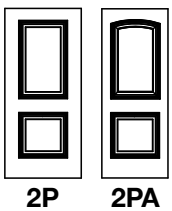
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

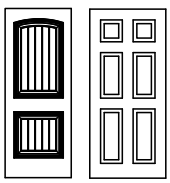


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 43) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE:
ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 43 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED..
STC 343 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 43 (6) PANEL WITH RIM EXIT. TWO OPTIONAL PREPARATIONS ALLOWED.
STC 43 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
STC 43 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 43 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
STC 43 (2) PANEL WITH RIM EXIT. ONE OPTIONAL PREPARATION ALLOWED.

FIRE RATING:
45 MINUTE

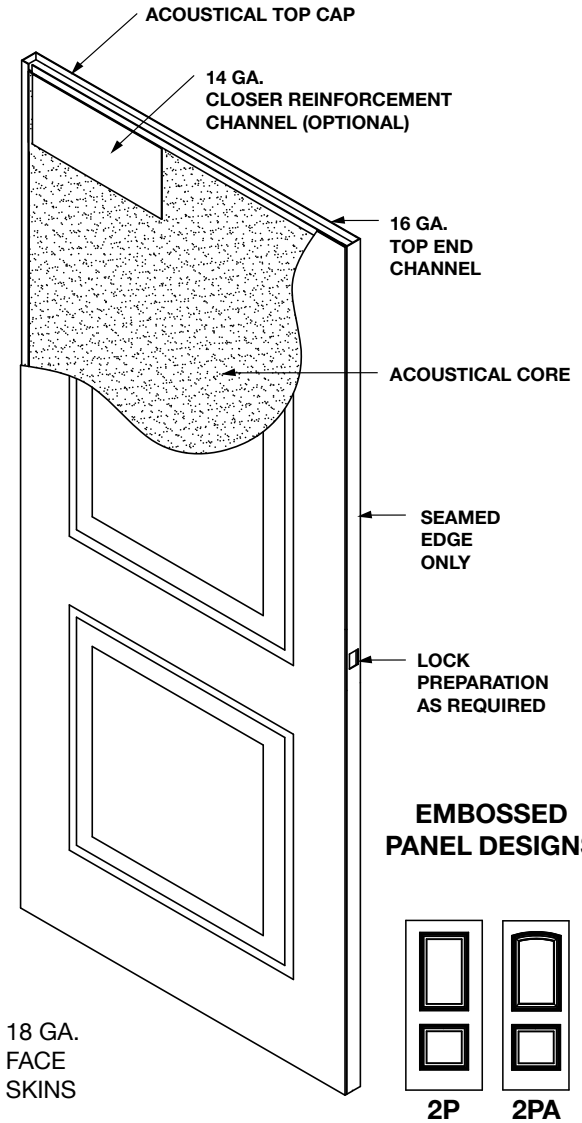
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

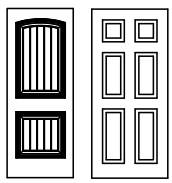
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS



757 (STC 44) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 44 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 44 (6) PANEL WITH MORTISE LOCK. TWO OPTIONAL PREPARATIONS ALLOWED.
STC 44 (6) PANEL WITH RIM EXIT. ONE OPTIONAL PREPARATION ALLOWED.

STC 44 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
STC 44 (2) PANEL WITH MORTISE LOCK. ONE OPTIONAL PREPARATION ALLOWED.
STC 44 (2) PANEL WITH RIM EXIT. ADDITIONAL OPTIONS NOT ALLOWED.

FIRE RATING:
45 MINUTE

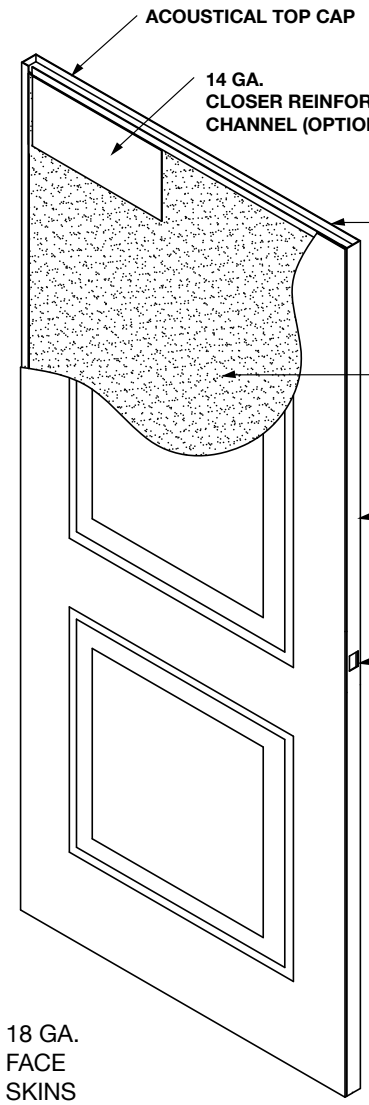
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

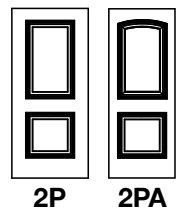
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

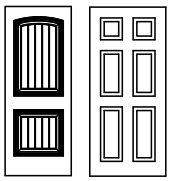


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





(STC 45) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 45 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
STC 45 (6) PANEL WITH MORTISE LOCK. ONE OPTIONAL PREPARATION ALLOWED.
STC 45 (6) PANEL WITH RIM EXIT. ADDITIONAL OPTIONS NOT ALLOWED.

STC 45 (2) PANEL WITH CYLINDRICAL LOCK. ONE OPTIONAL PREPARATION ALLOWED.
STC 45 (2) PANEL WITH MORTISE LOCK. ADDITIONAL OPTIONS NOT ALLOWED.

FIRE RATING:
45 MINUTE

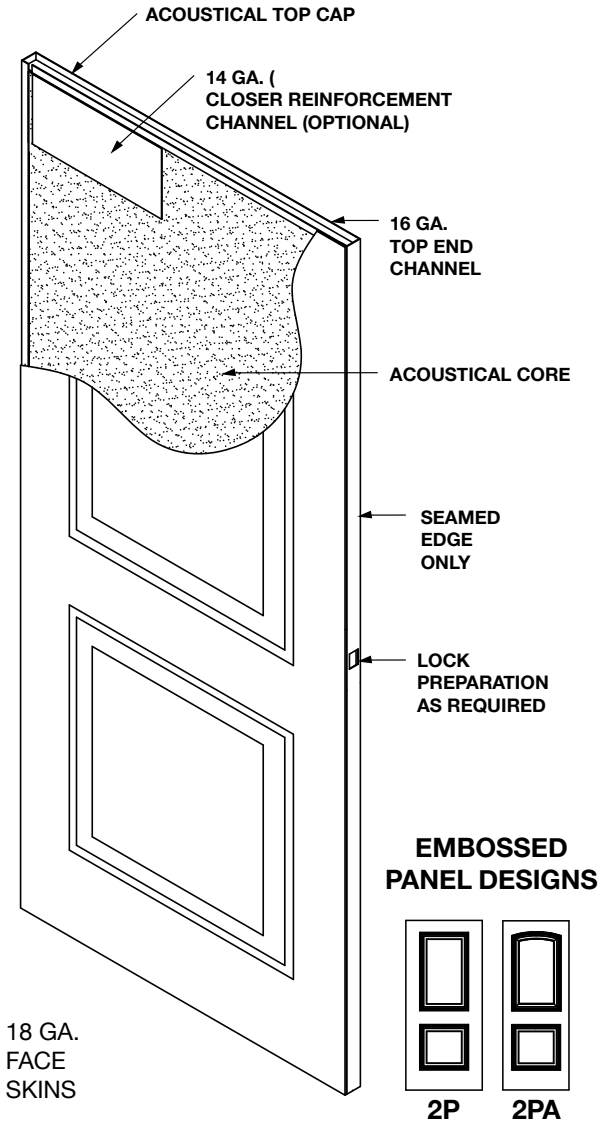
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

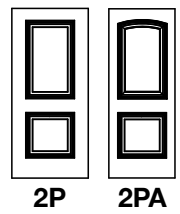
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

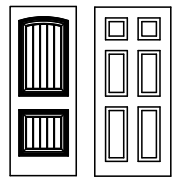


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 46) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 46 (6) PANEL WITH CYLINDRICAL LOCK. ONE OPTIONAL PREPARATION ALLOWED.
STC 46 (6) PANEL WITH MORTISE LOCK, ADDITIONAL OPTIONS NOT ALLOWED.
STC 46 (2) PANEL WITH CYLINDRICAL LOCK. ADDITIONAL OPTIONS NOT ALLOWED.

FIRE RATING:
45 MINUTE

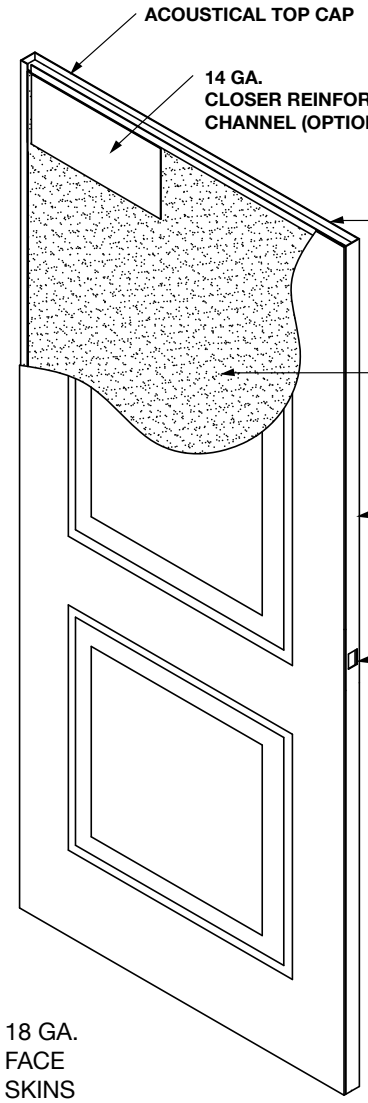
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

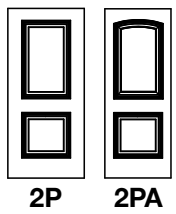
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

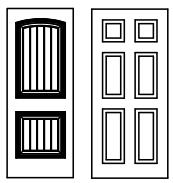


18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 47) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 47 (6) PANEL WITH CYLINDRICAL LOCK. ADDITIONAL OPTIONS NOT ALLOWED.

FIRE RATING:
45 MINUTE

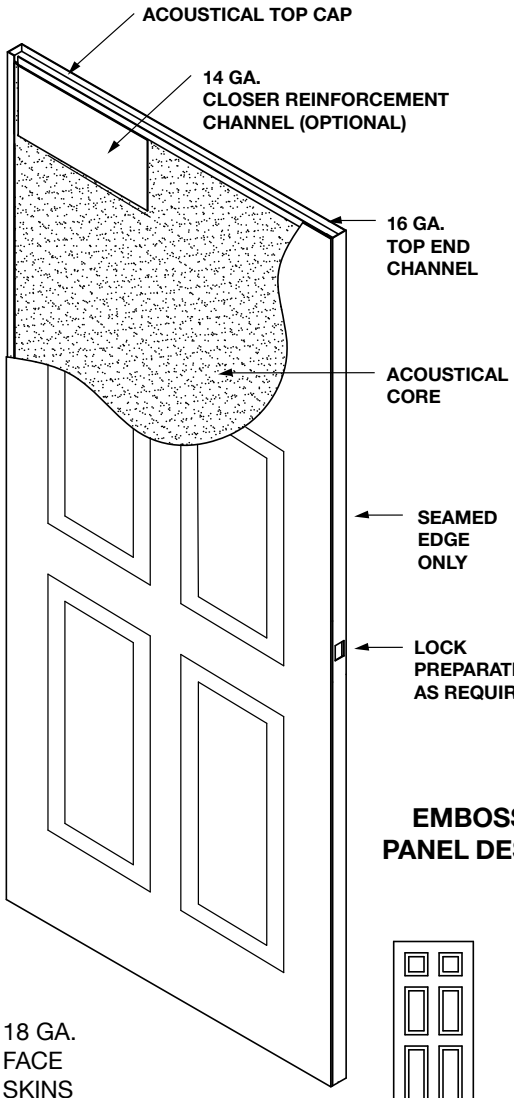
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

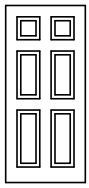
SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



EMBOSSED PANEL DESIGNS



E6

3/8" BOTTOM UNDERCUT REQUIRED

757 (STC 47) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS:
STC 47 CYLINDRICAL LOCK ONLY

FIRE RATING:
45 MINUTE

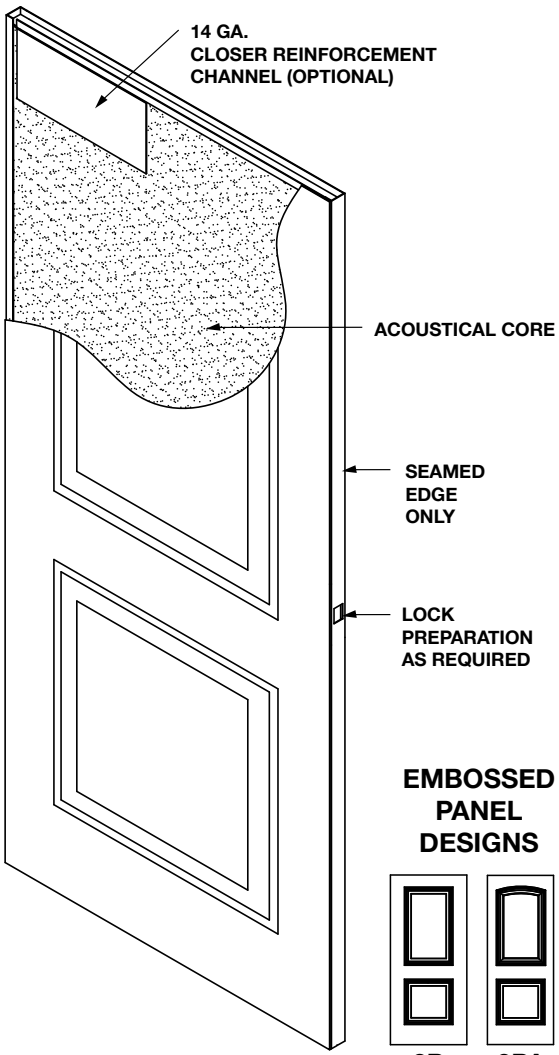
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #2:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO 312 CR

BOTTOM:
PEMKO 2008 PK



EMBOSSED PANEL DESIGNS

18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

757 (STC 48) ACOUSTICAL DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORAR ILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS:
STC 48 CYLINDRICAL LOCK ONLY

FIRE RATING:
45 MINUTE

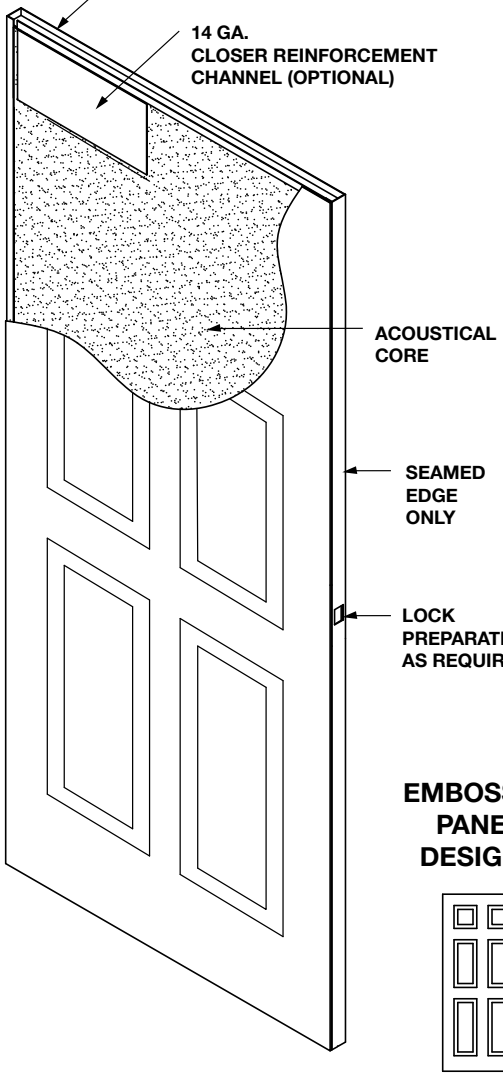
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)

FACE TYPES:
NO LIGHTS ALLOWED

SEAL SET #2:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO 312 CR

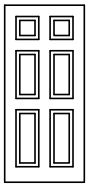
BOTTOM:
PEMKO 2008 PK



18 GA.
FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS



E6

STC 32-48 GLAZED RATED 757 (STC 32) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² OF 5/16" PYRAN GLASS
STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

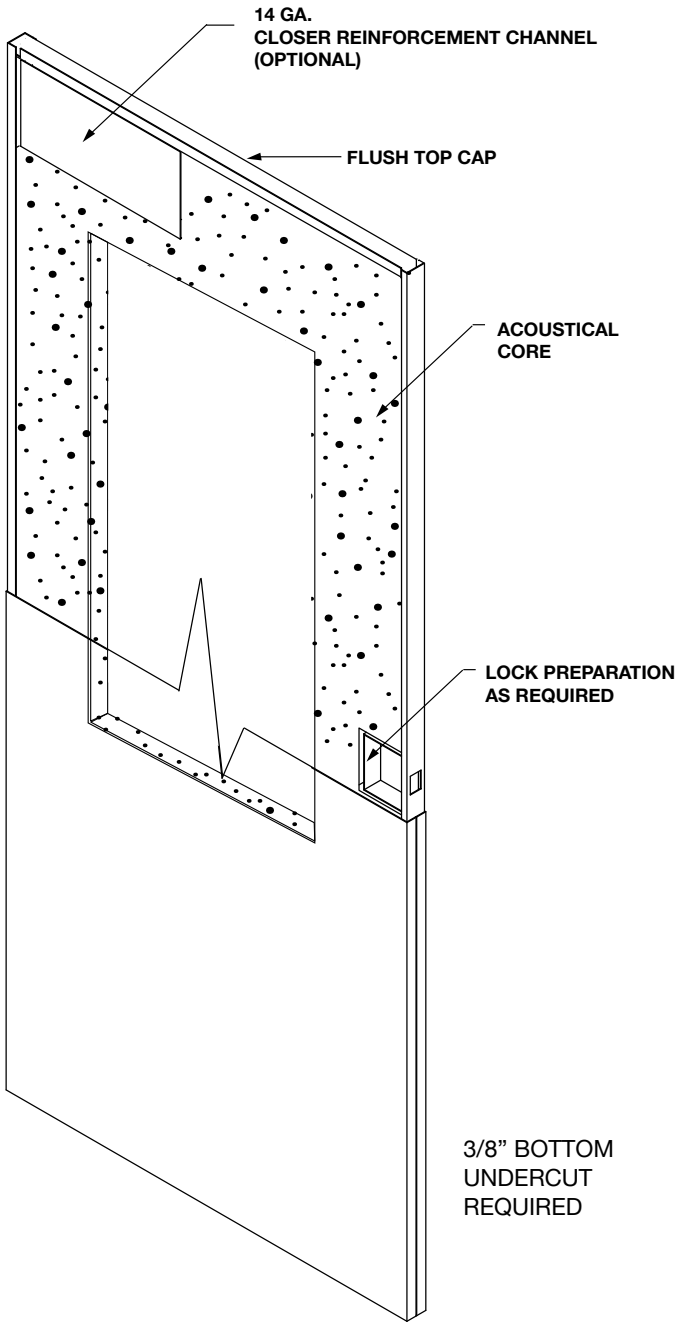
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 33) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN²OF 5/16" PYRAN GLASS
STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

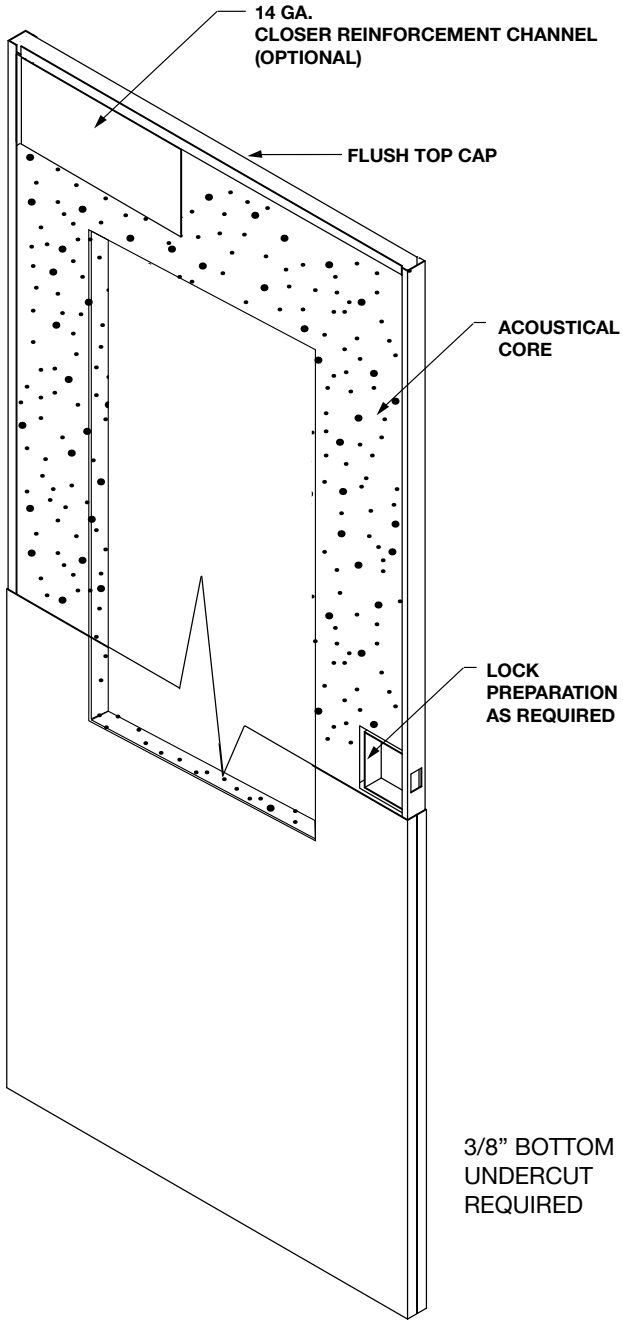
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 34) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² OF 5/16" PYRAN GLASS
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

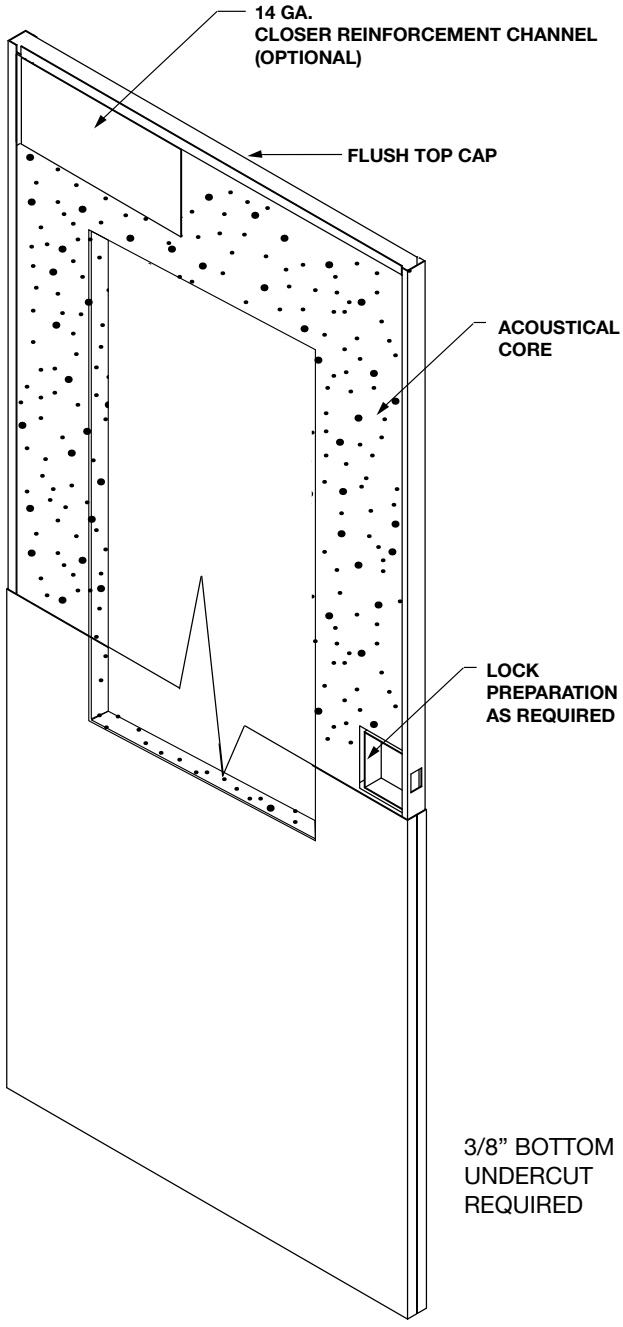
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 35) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

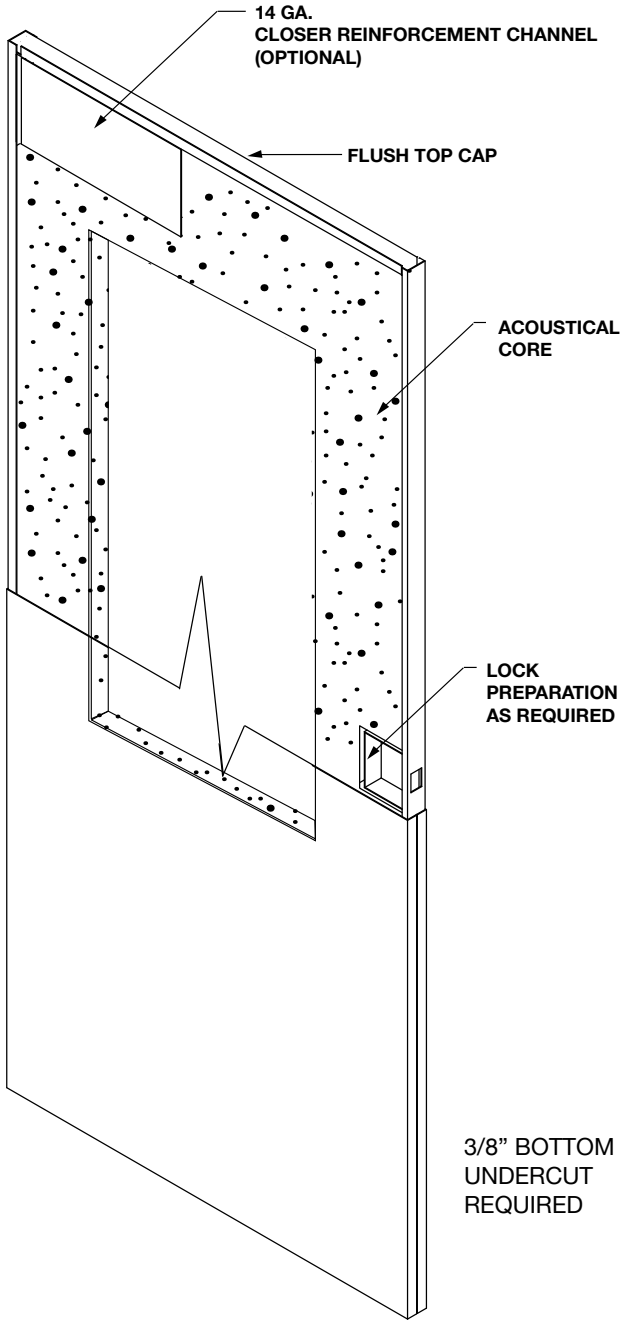
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 36) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 36 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 36 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

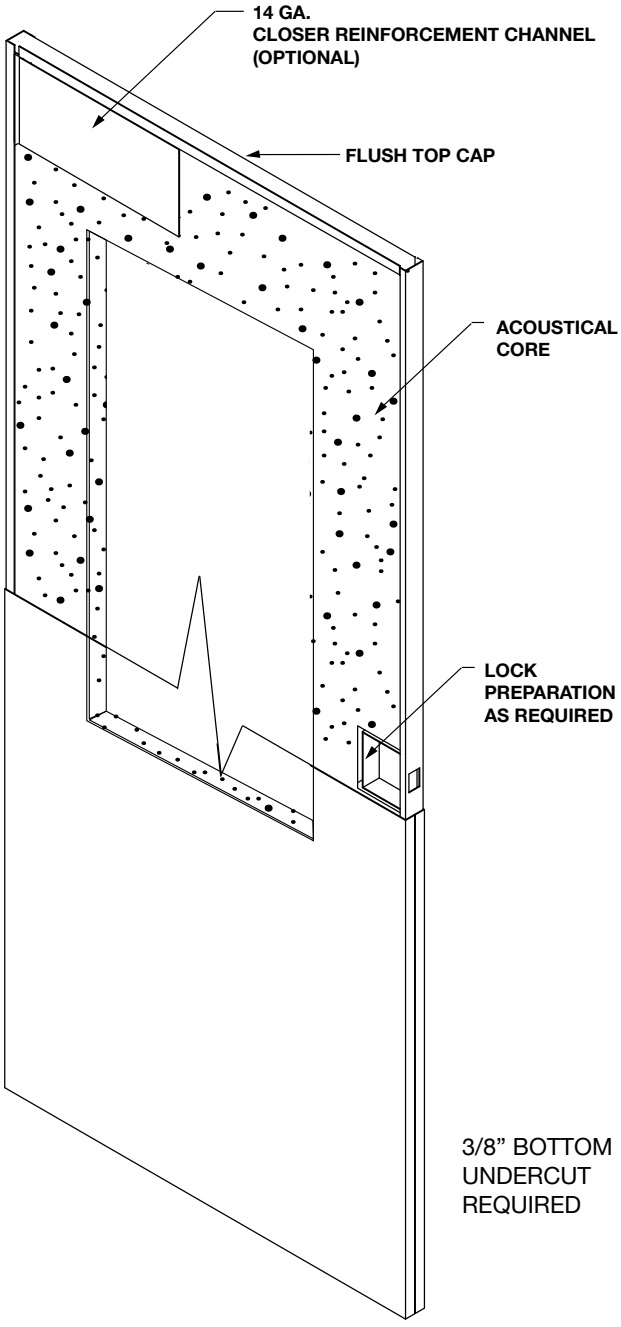
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 36 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 37) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 37 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 37 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

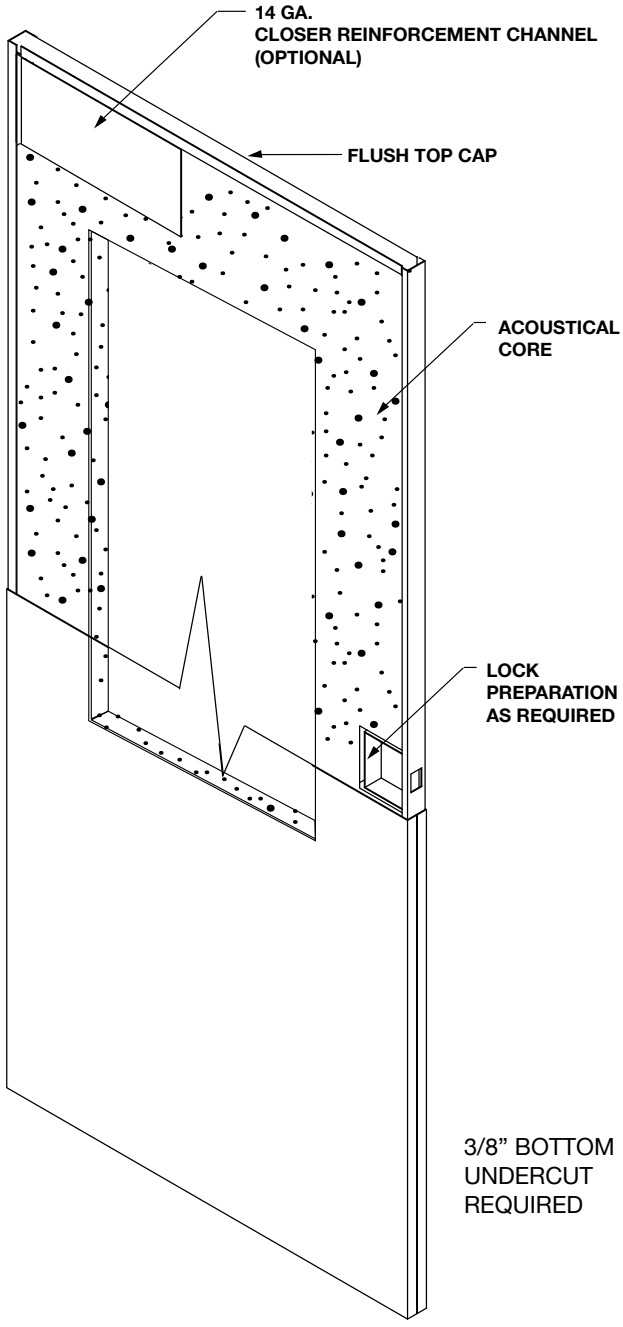
STC 37 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 38) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 38 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 38 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

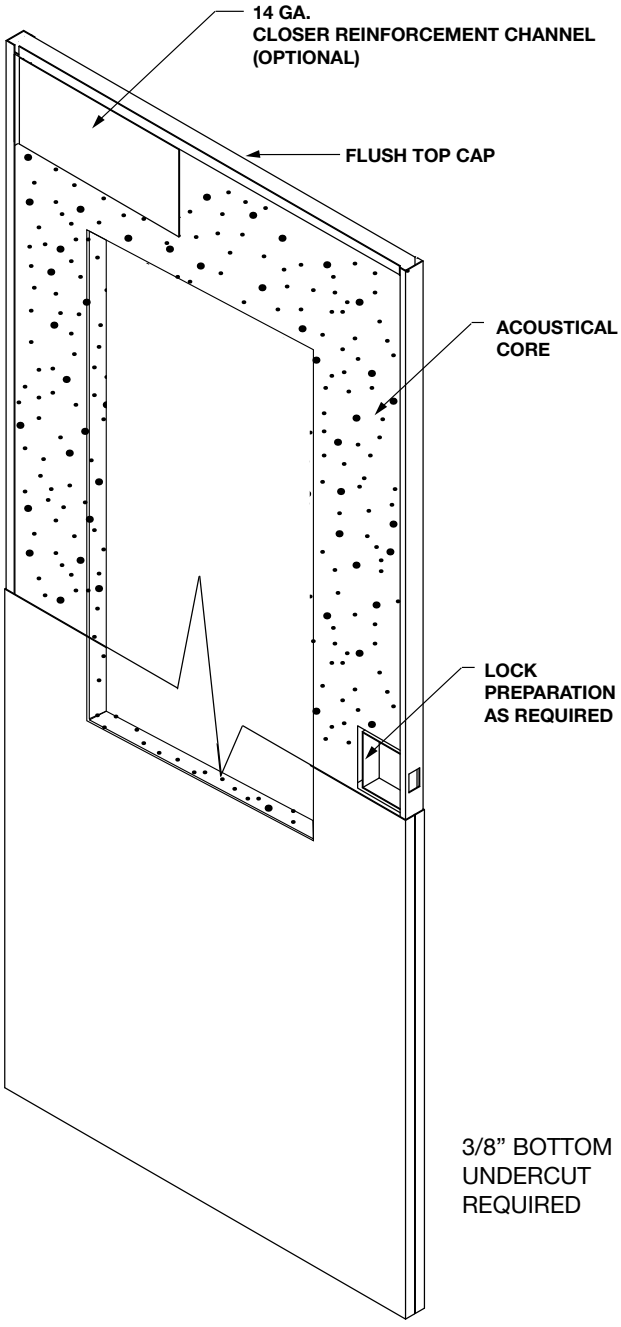
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 38 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 39) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

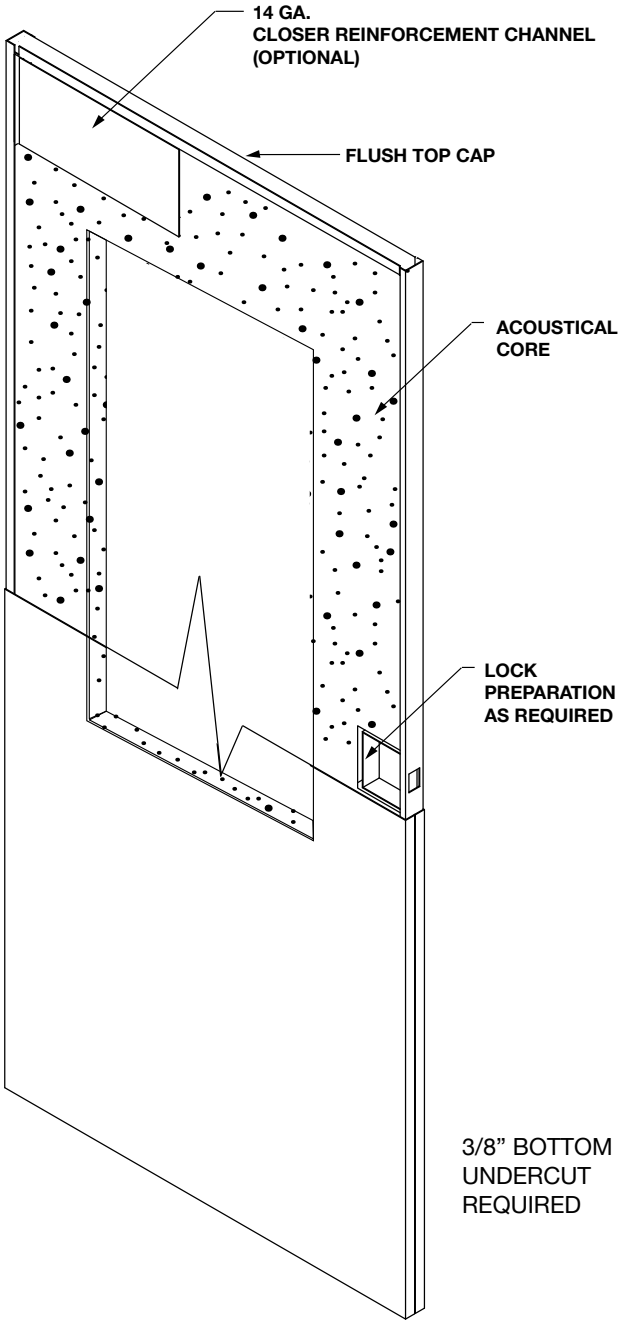
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 40) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 40 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 40 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

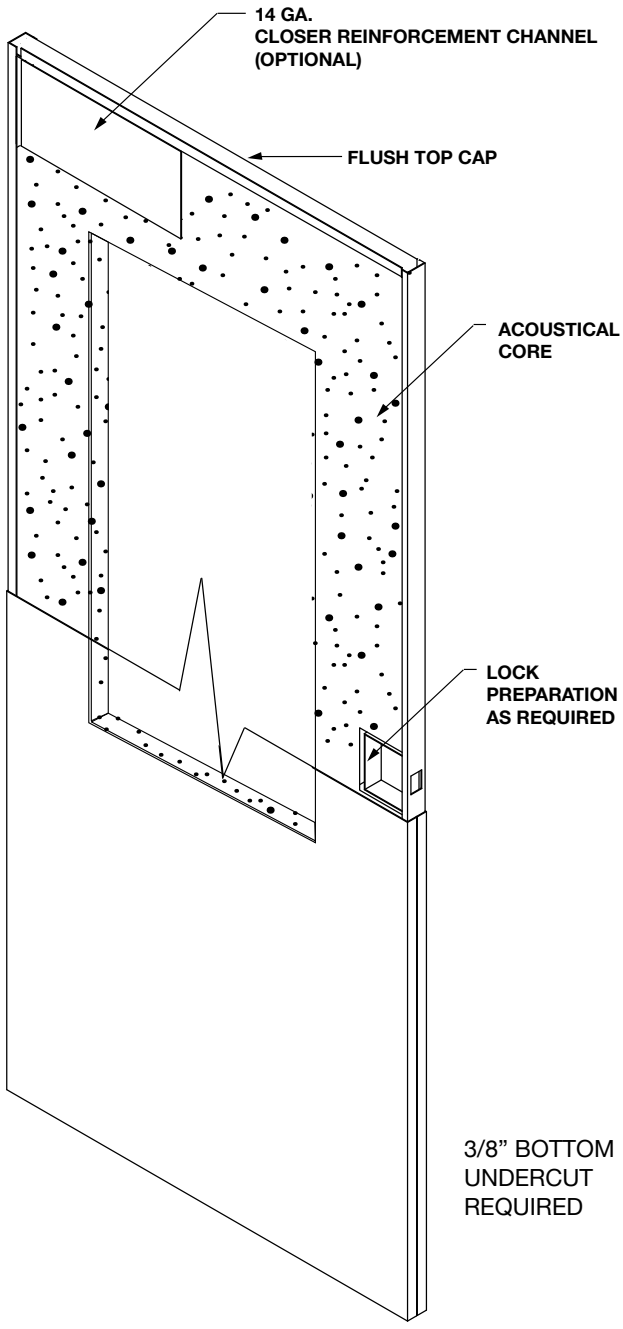
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 40 WITH CYLINDRICAL OR MORTISE AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 41) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 41 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 41 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

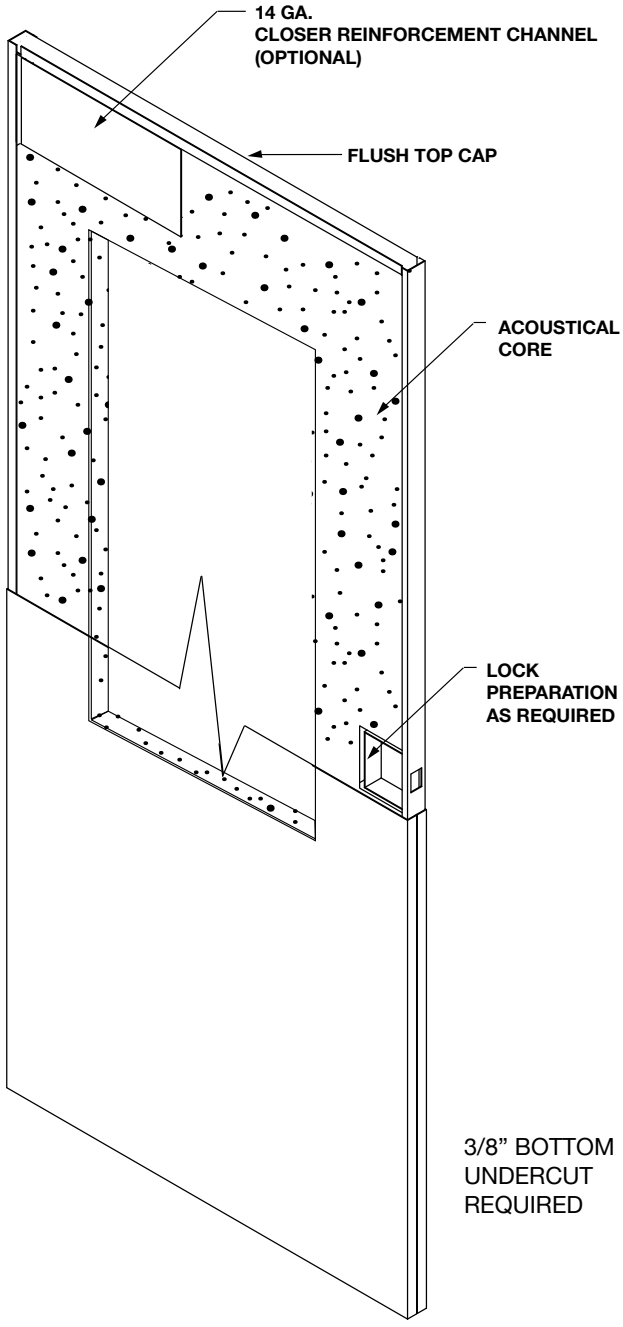
STC 41 WITH CYLINDRICAL LOCK AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 42) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGH*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 42 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

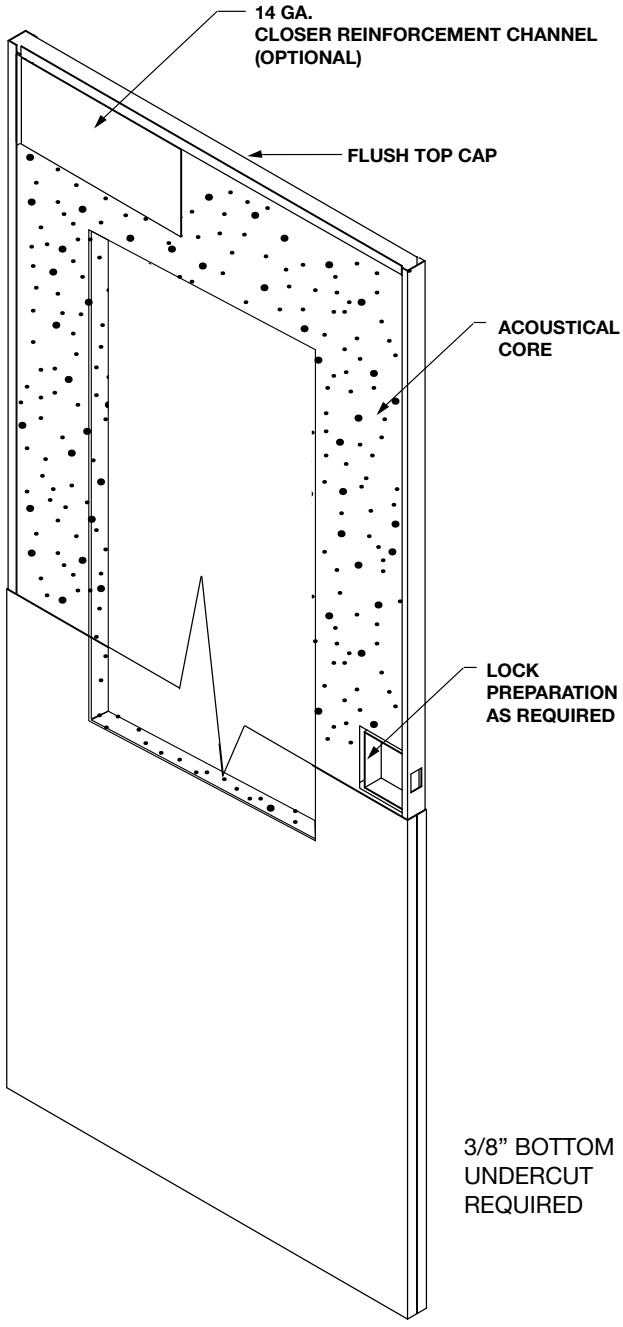
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 42 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 43) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 43 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

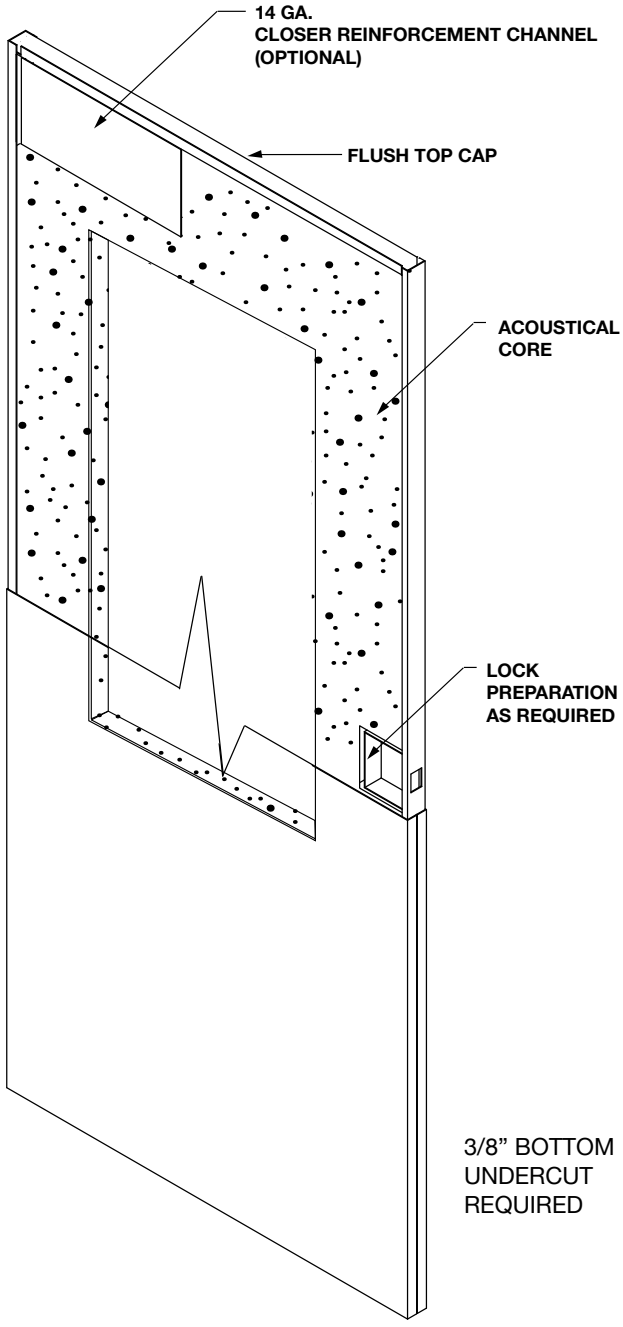
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 43 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 44) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 44 WITH CYLINDRICAL OR MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

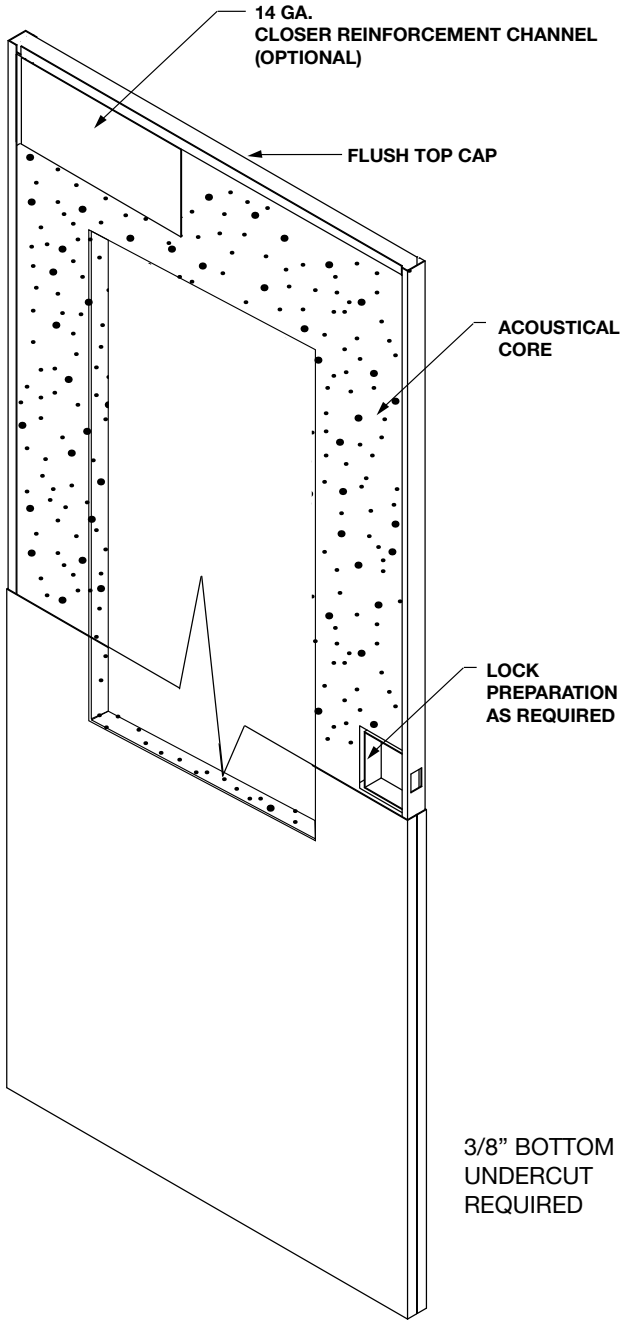
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 44 WITH CYLINDRICAL, MORTISE AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 45) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 45 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

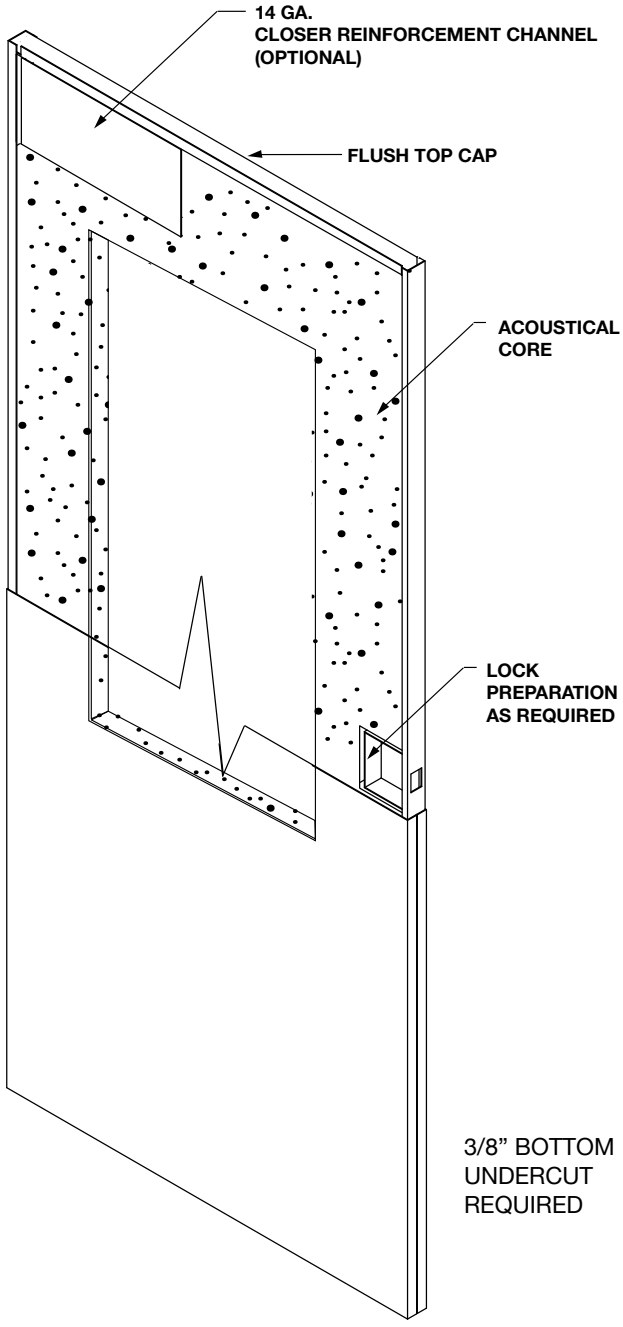
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 45 WITH CYLINDRICAL LOCK AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 46) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

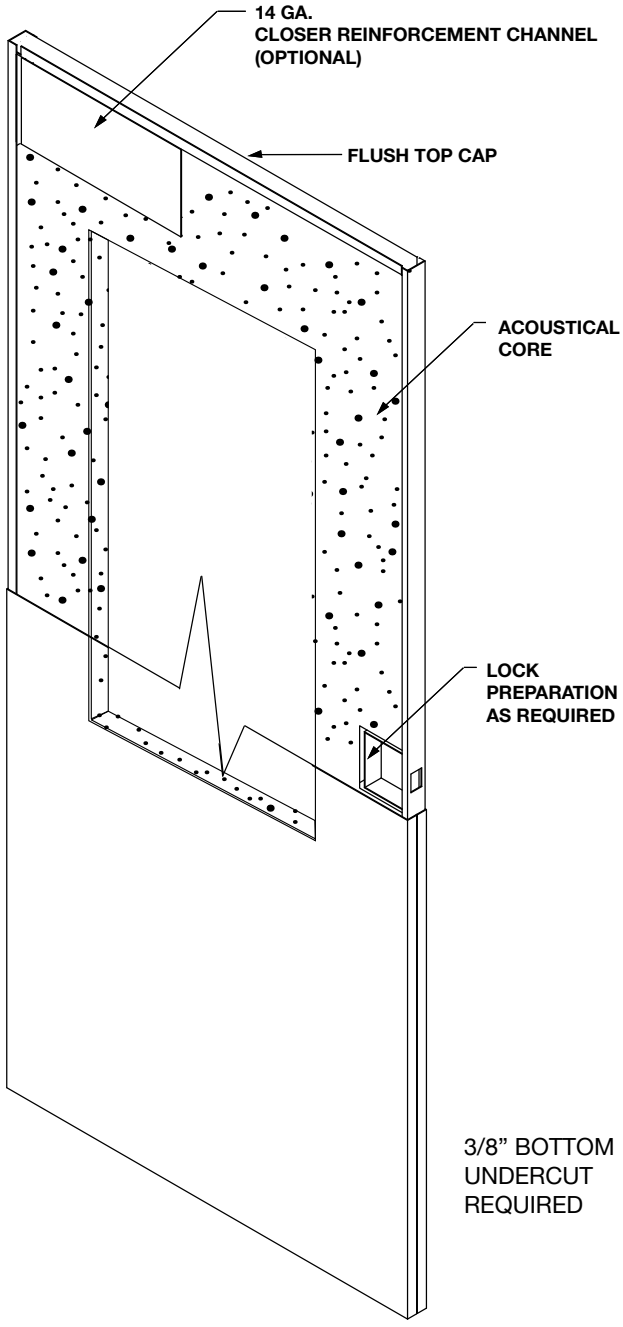
HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 46 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 47) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

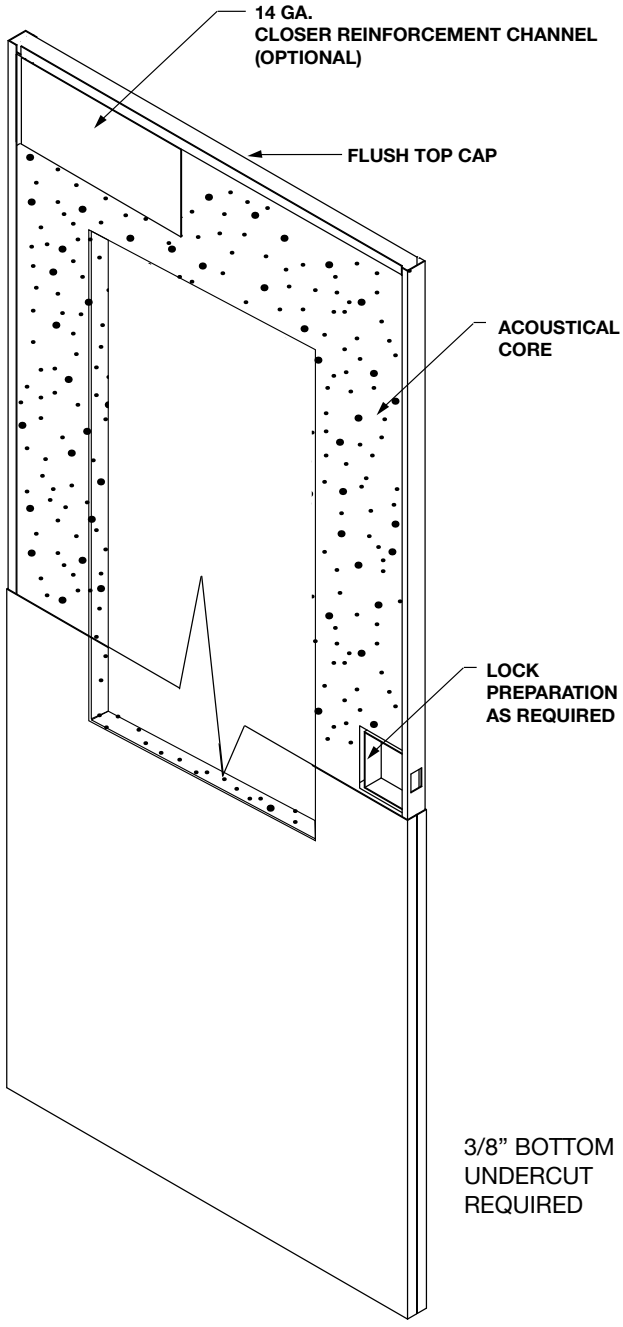
HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 47 WITH CYLINDRICAL OR MORTISE LOCK AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 48) ACOUSTICAL DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

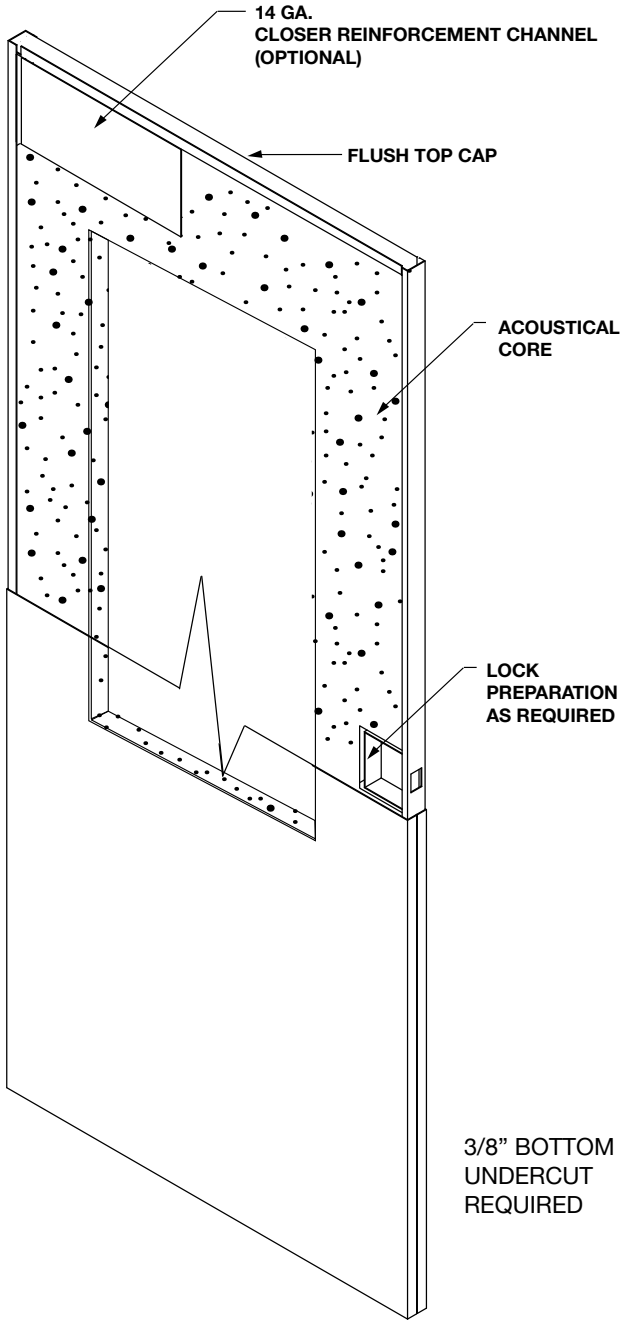
HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 48 WITH CYLINDRICAL ONLY AND MAY INCUDE UP TO AND INCUDING A 3 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



STC 32-49 PAIRED NON-RATED 757 (STC 32) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

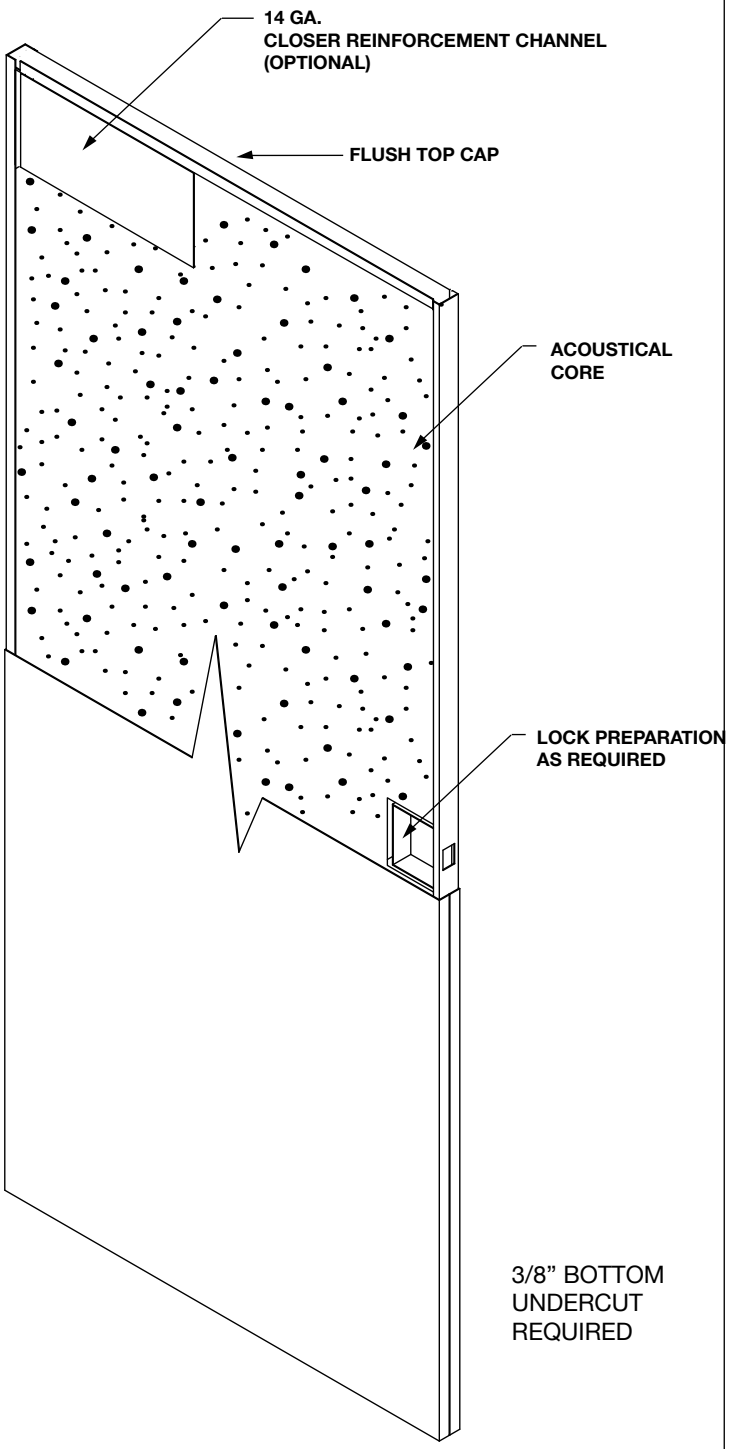
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 33) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

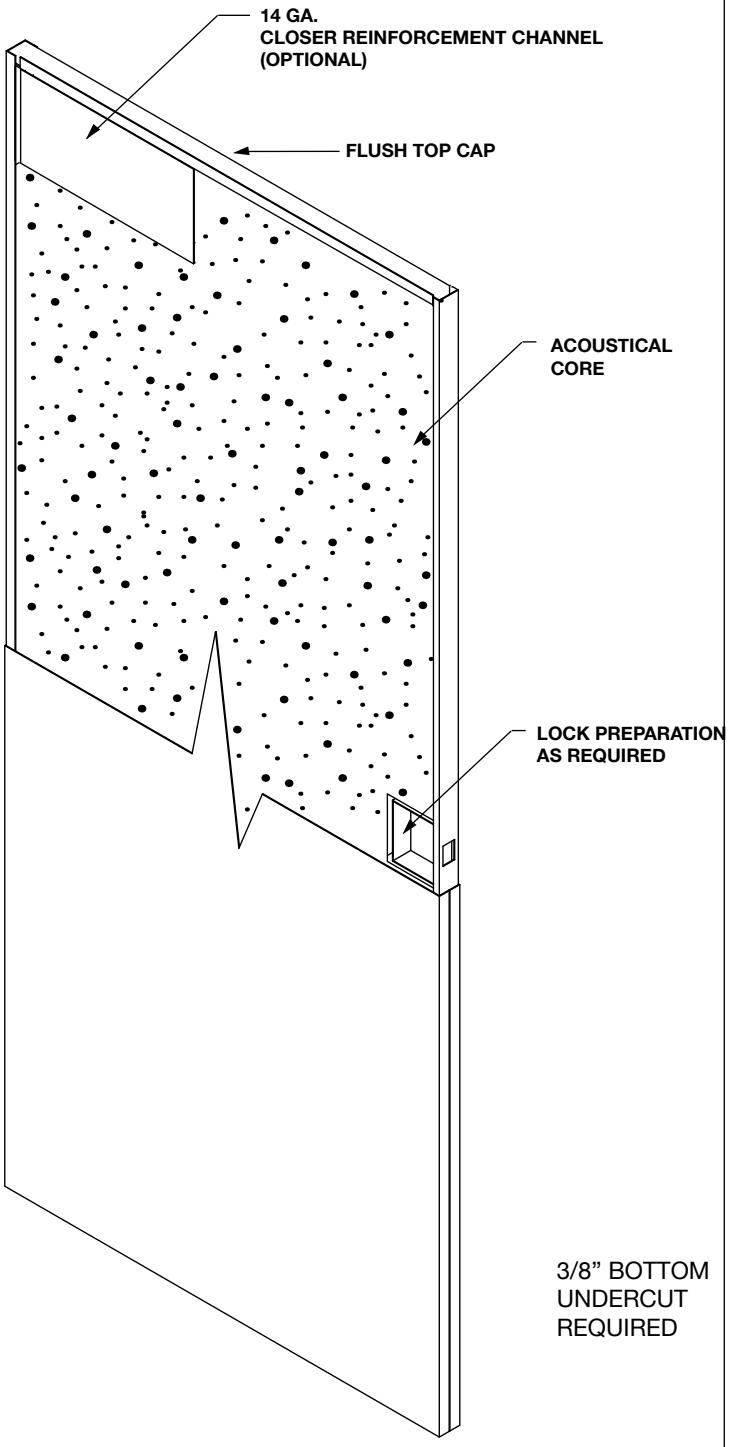
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



3/8" BOTTOM UNDERCUT REQUIRED

757 (STC 34) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

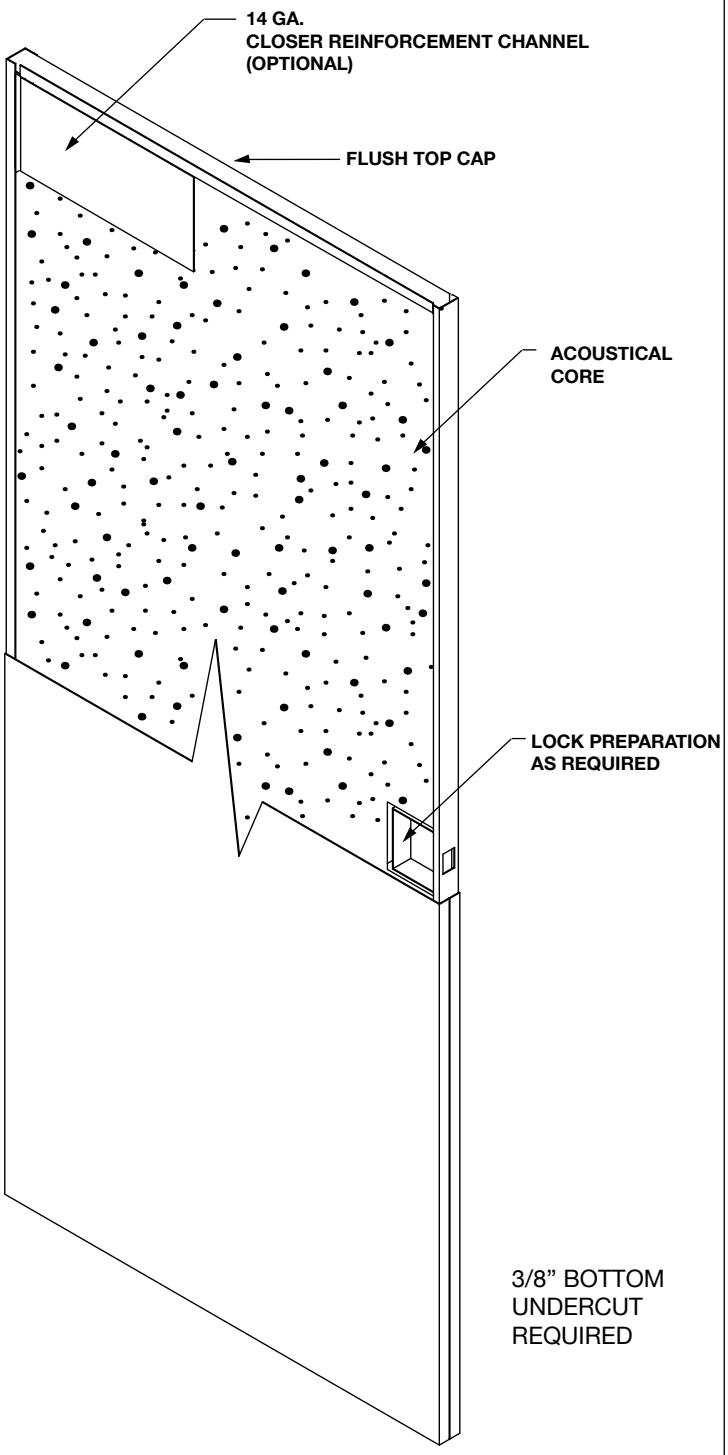
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 35) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

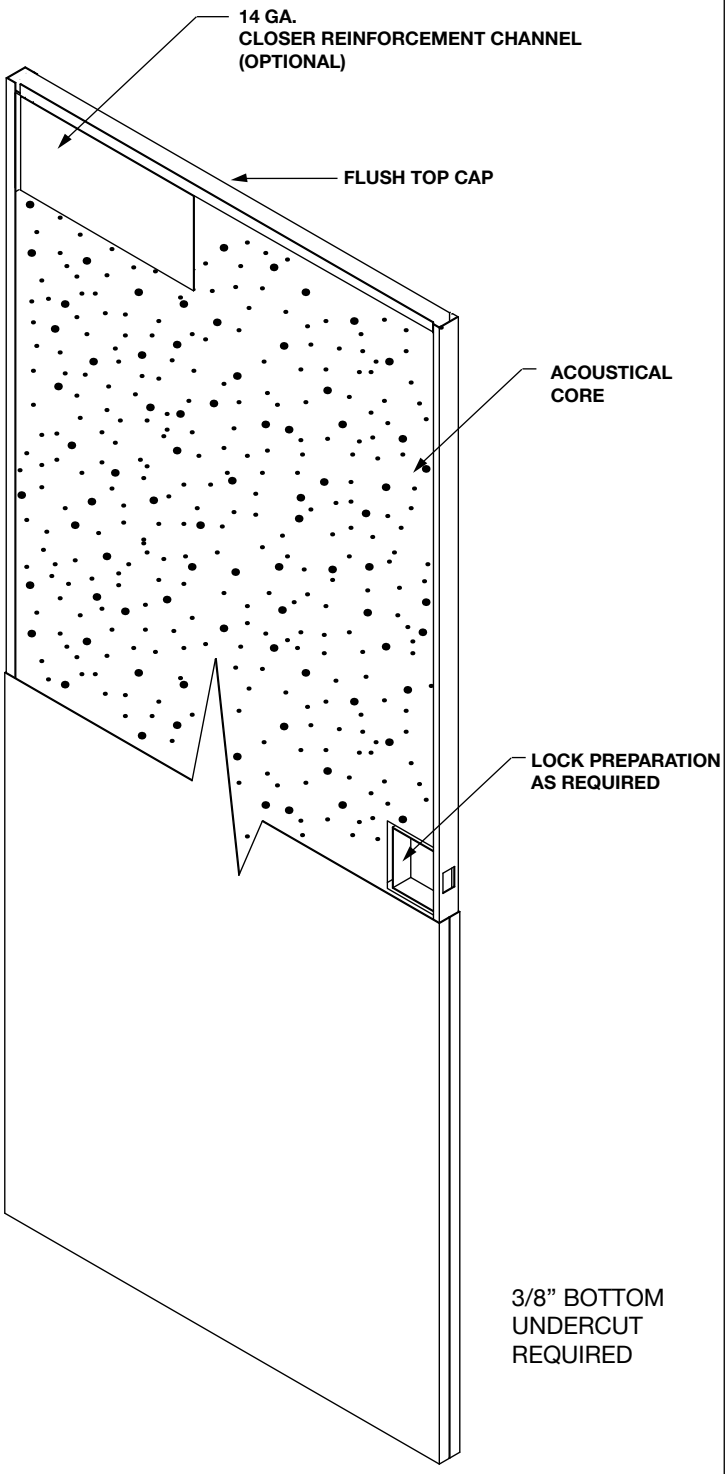
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 36) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

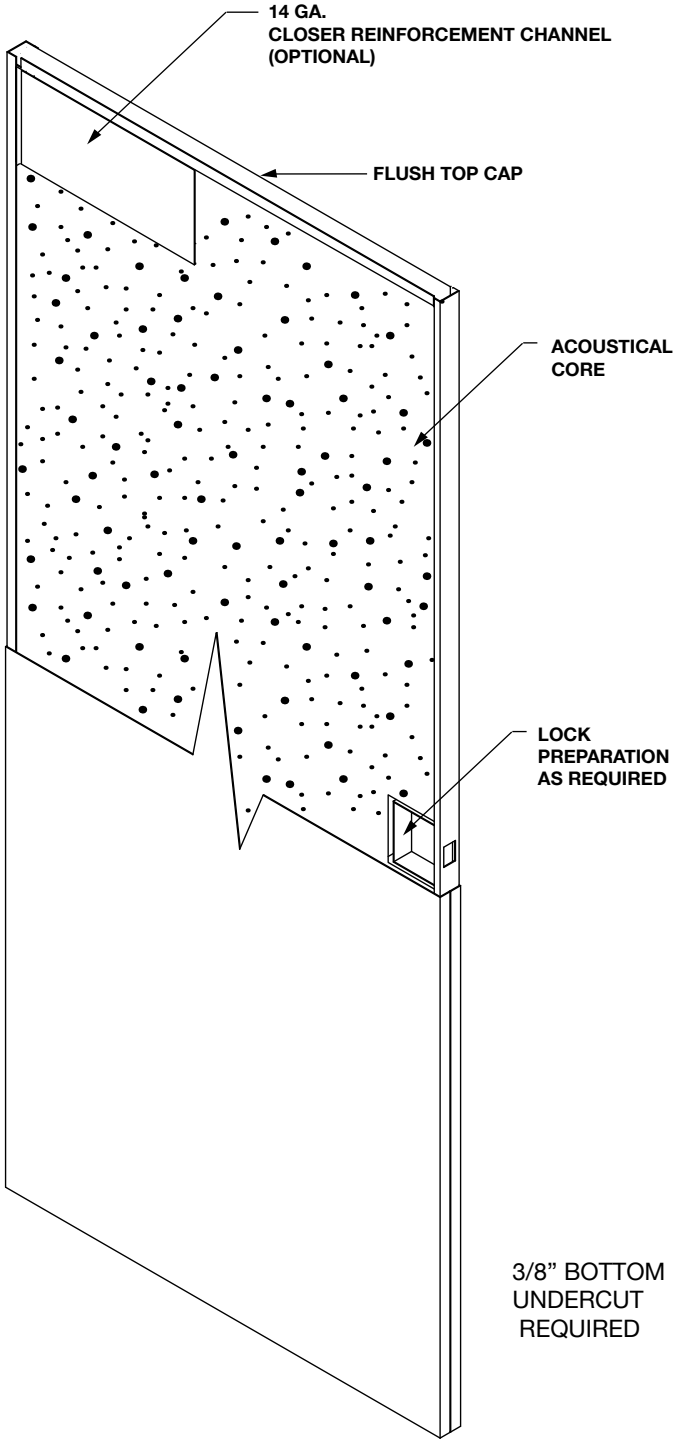
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 37) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

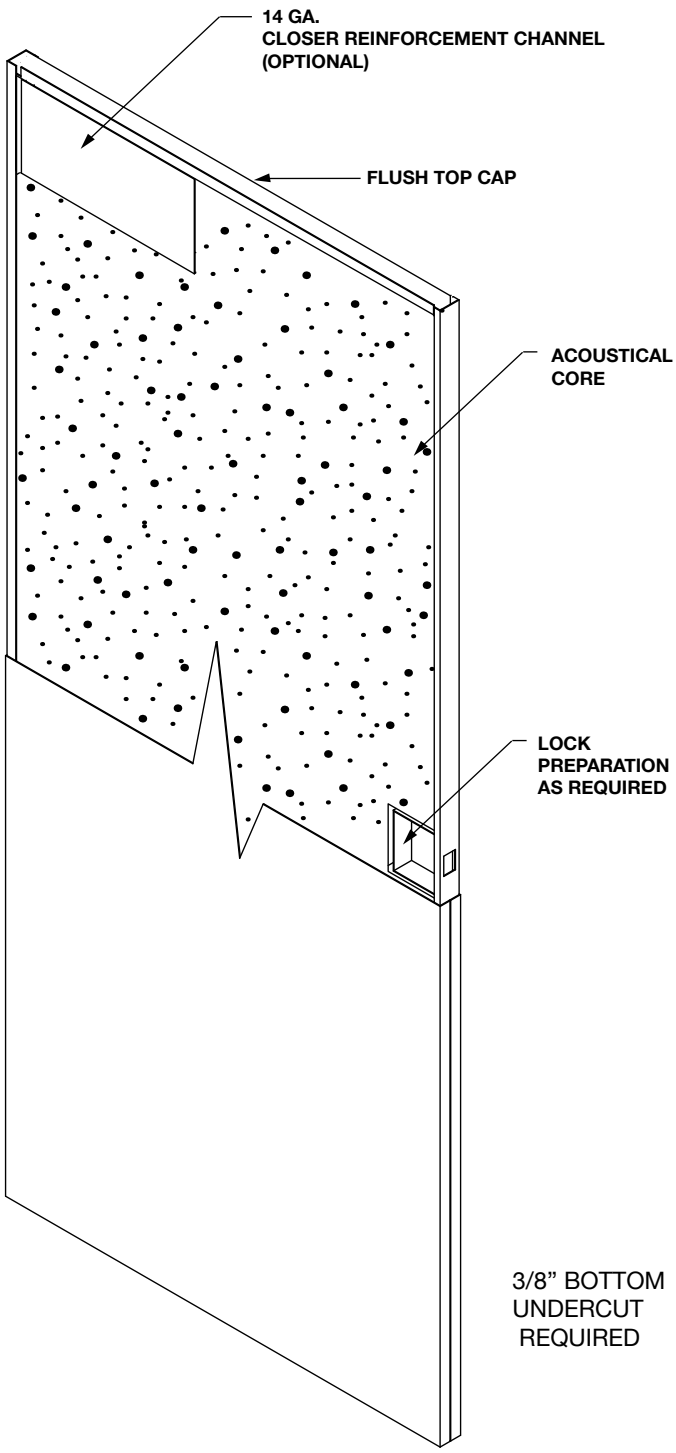
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 38) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

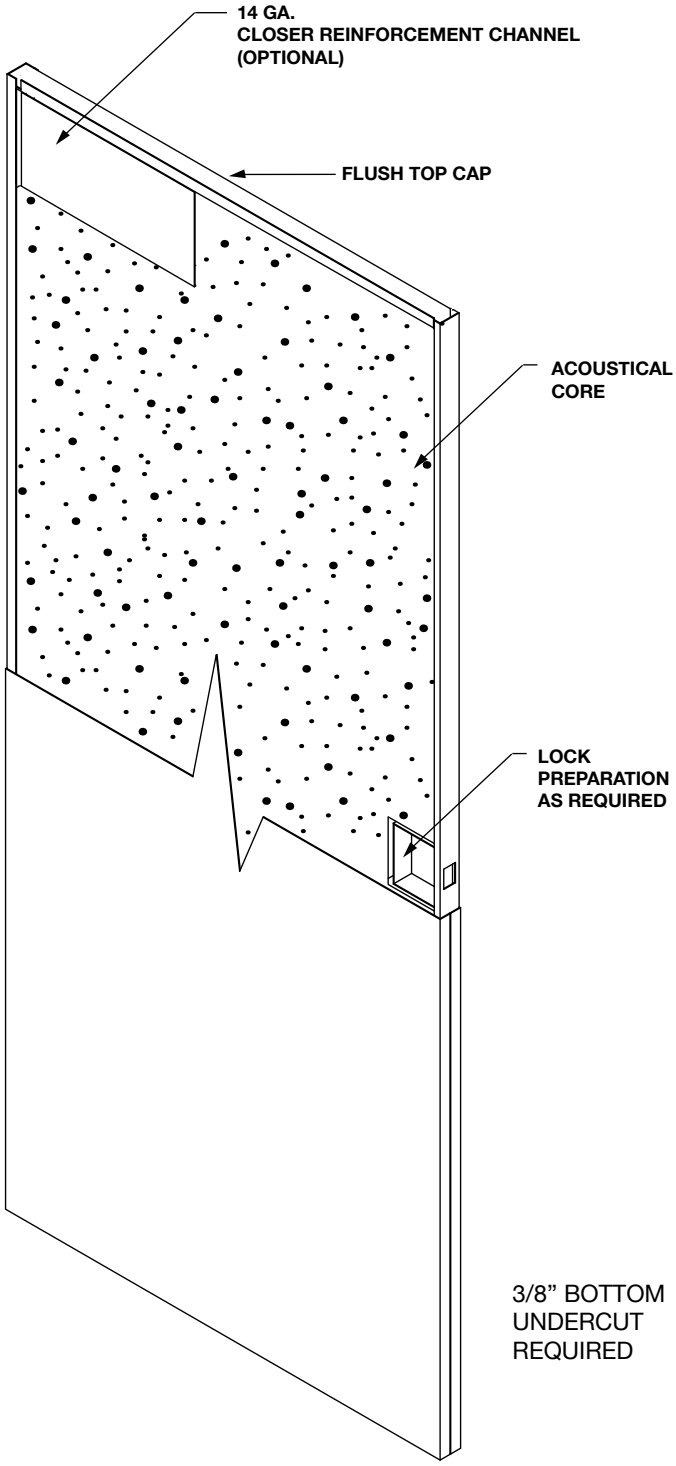
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 39) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

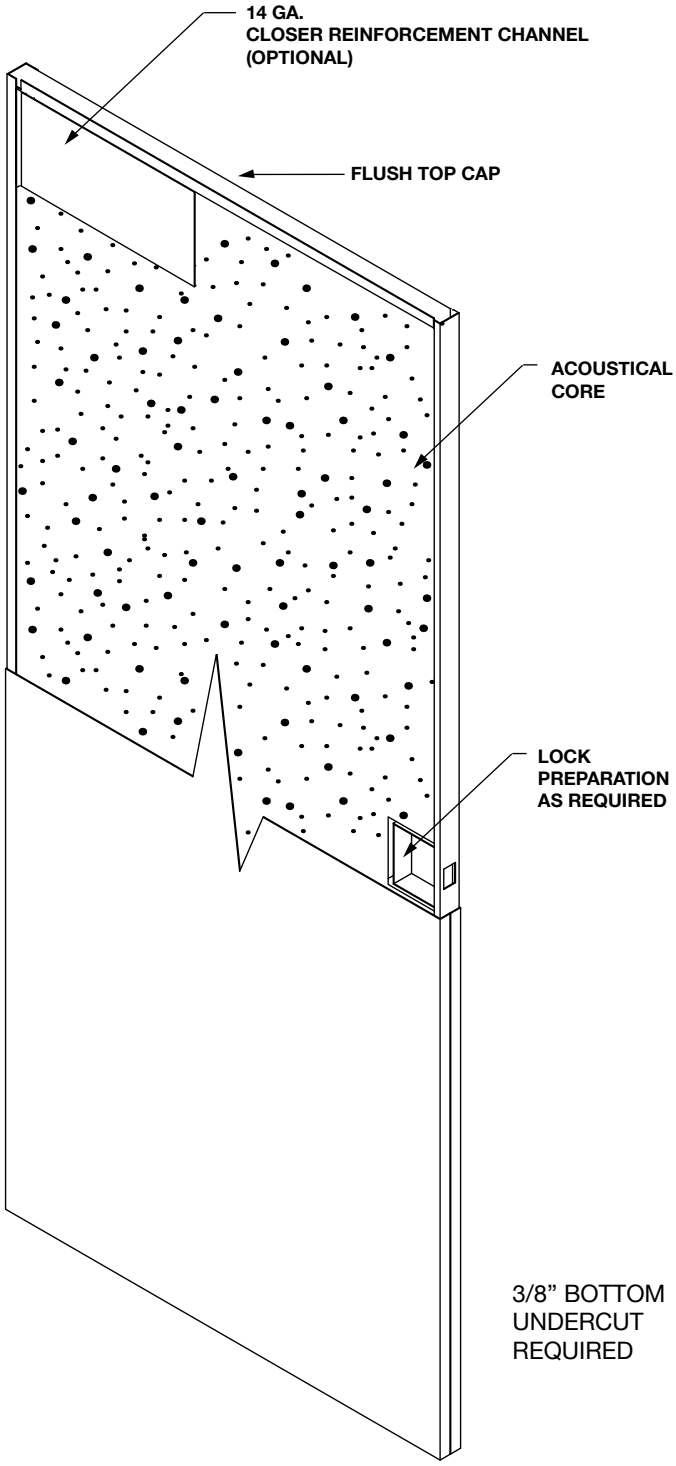
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 40) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

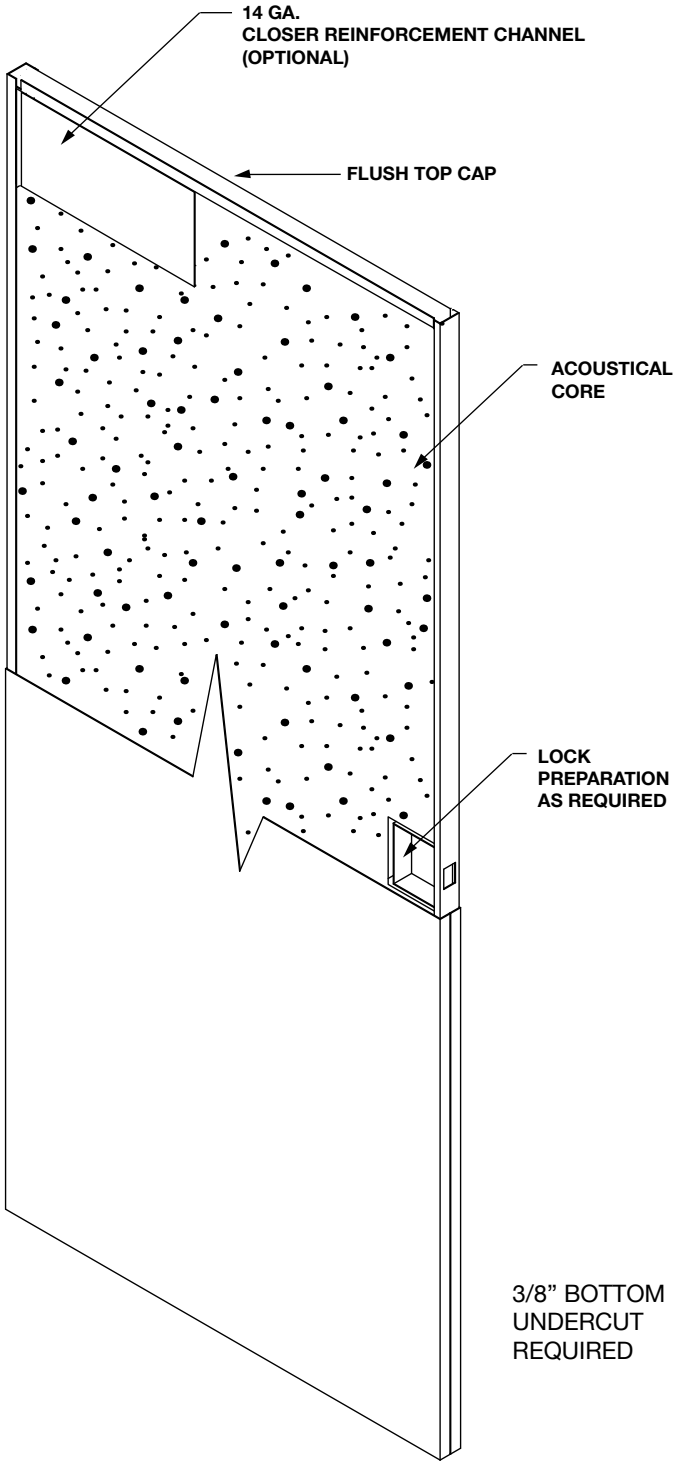
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 41) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

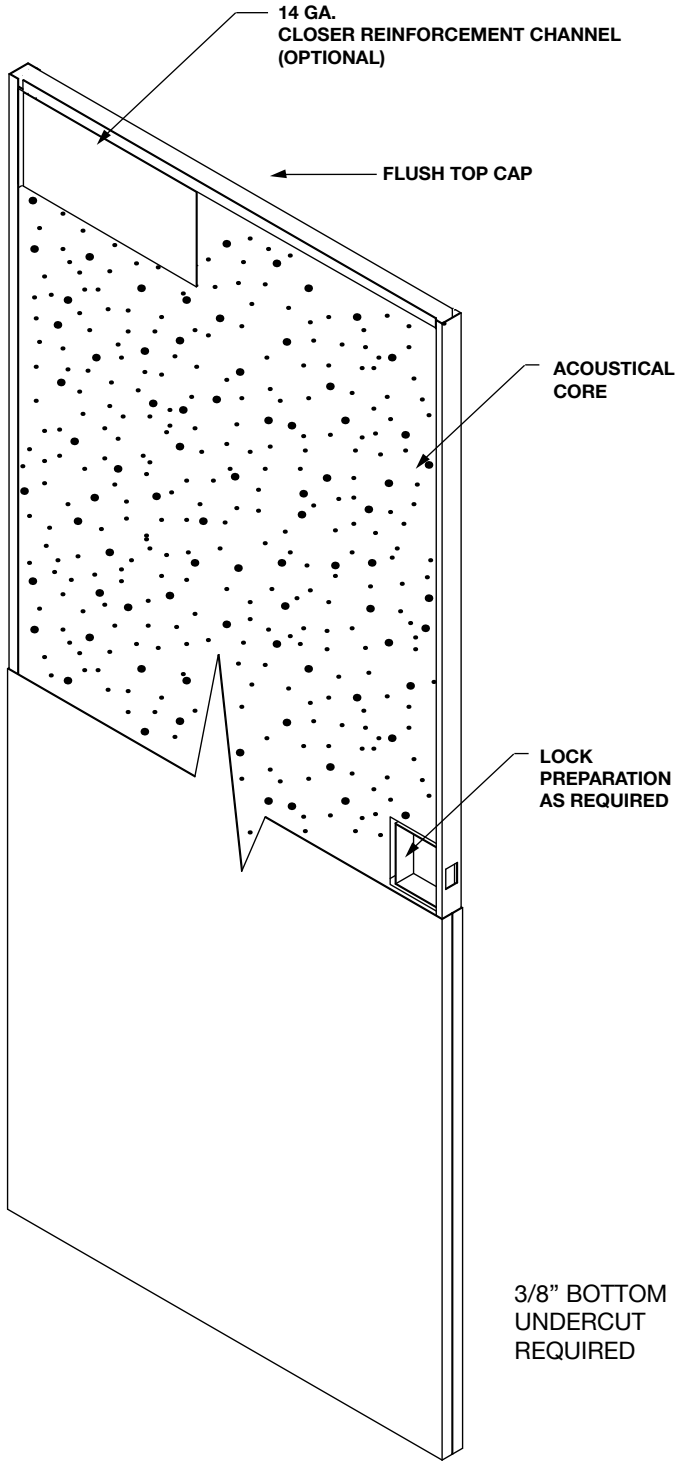
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 42) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

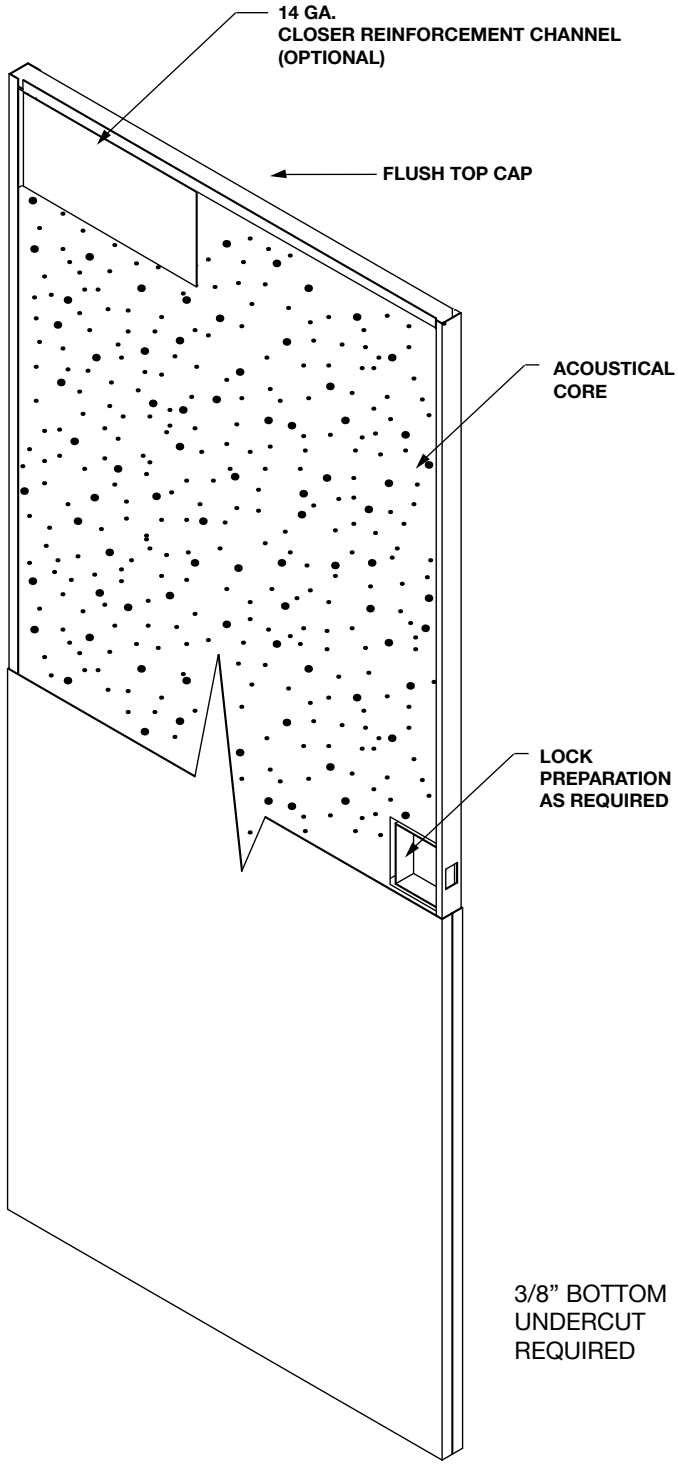
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 43) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

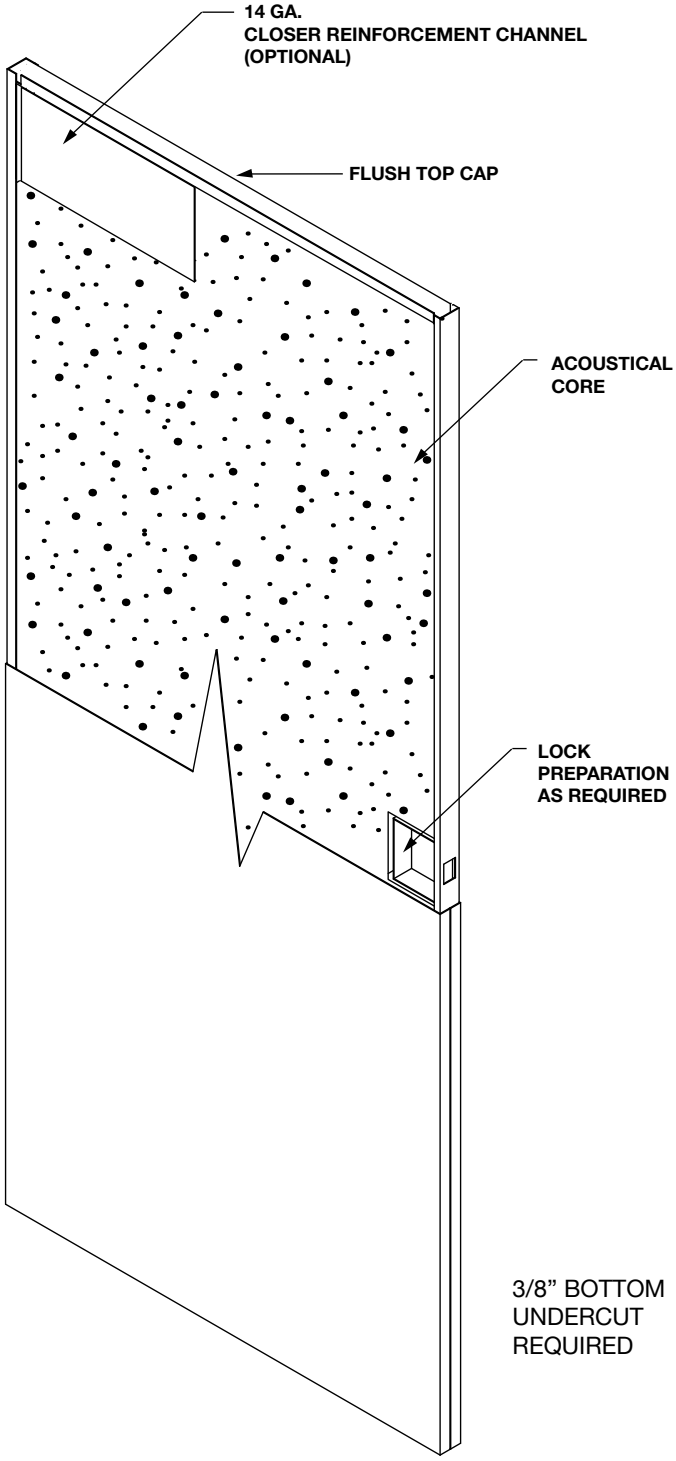
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 44) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

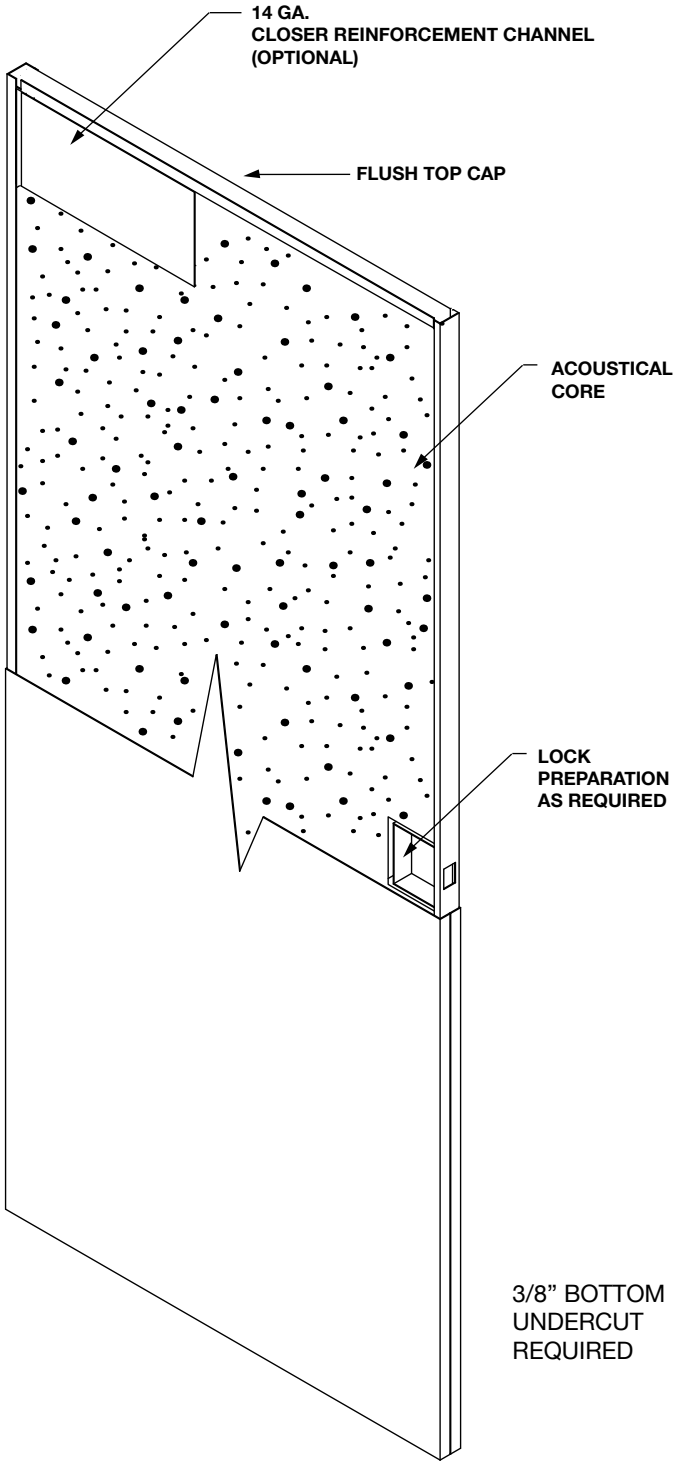
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 45) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

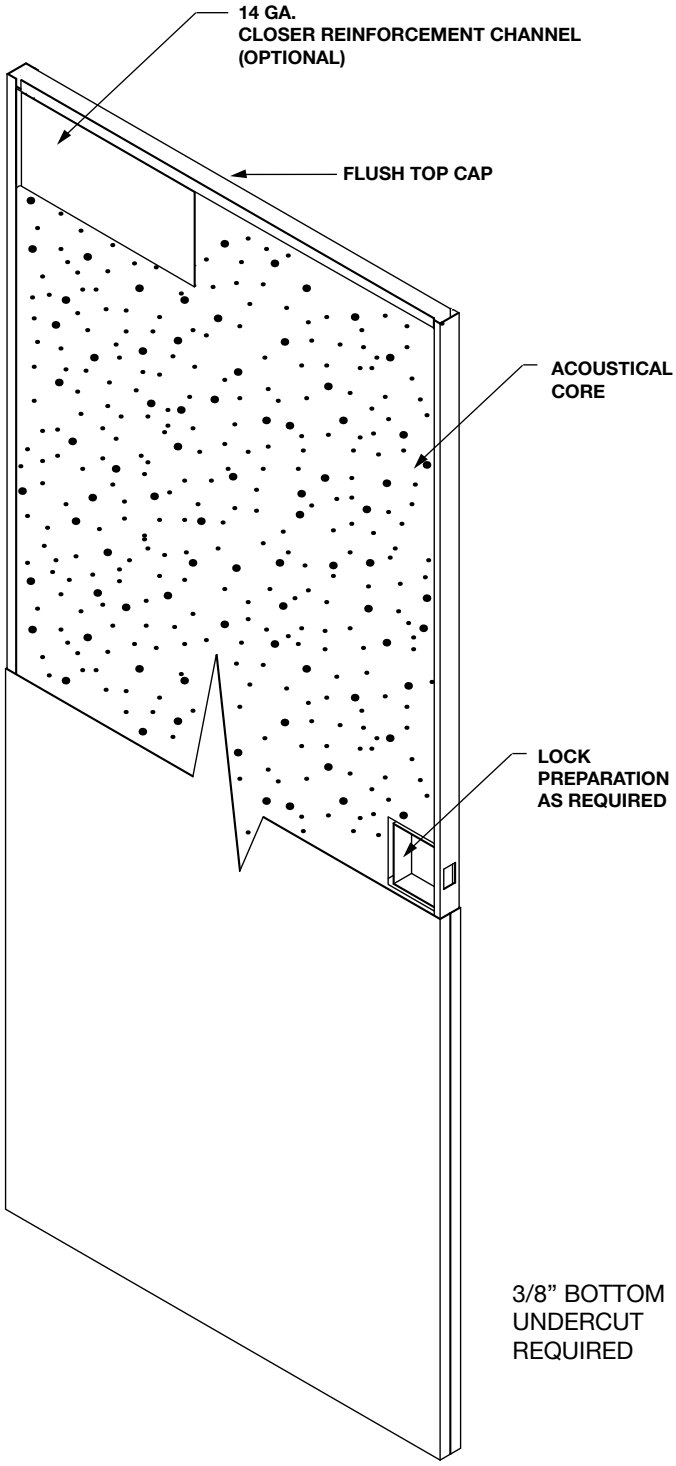
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 46) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

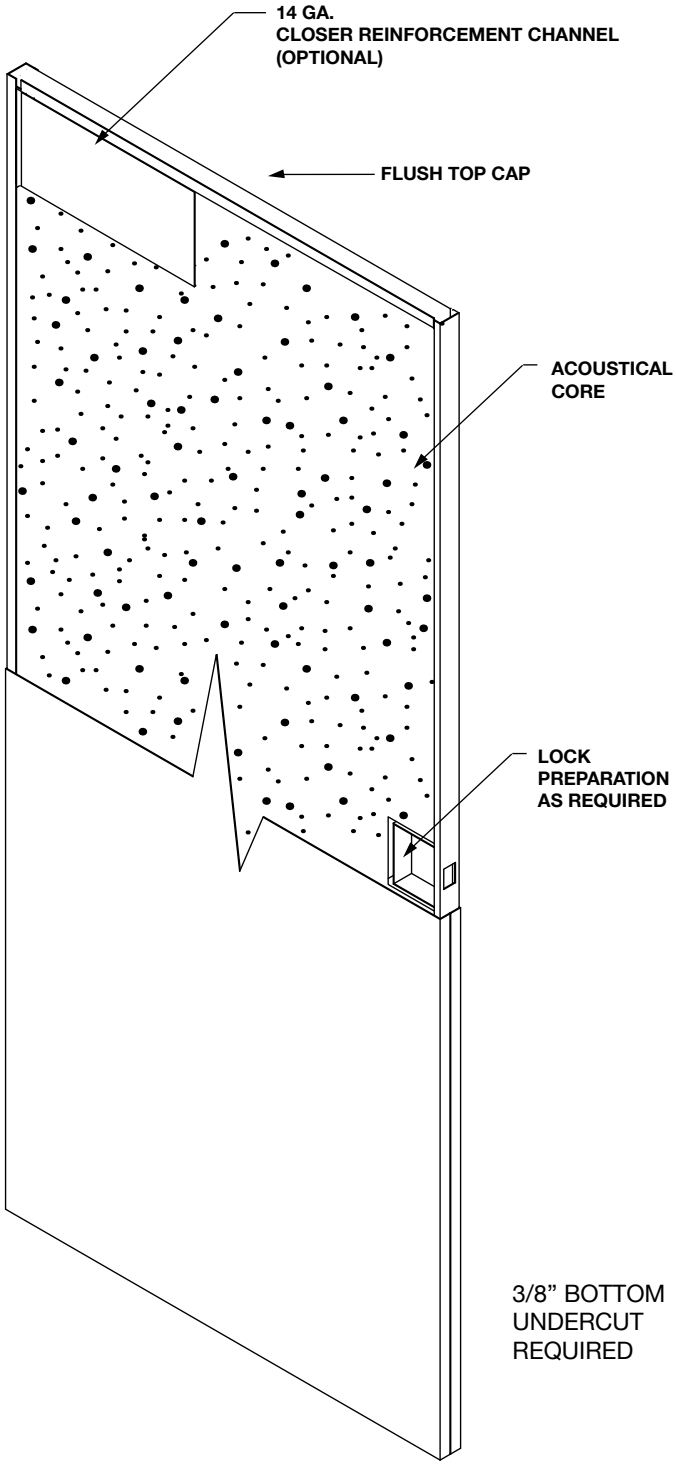
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 47) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

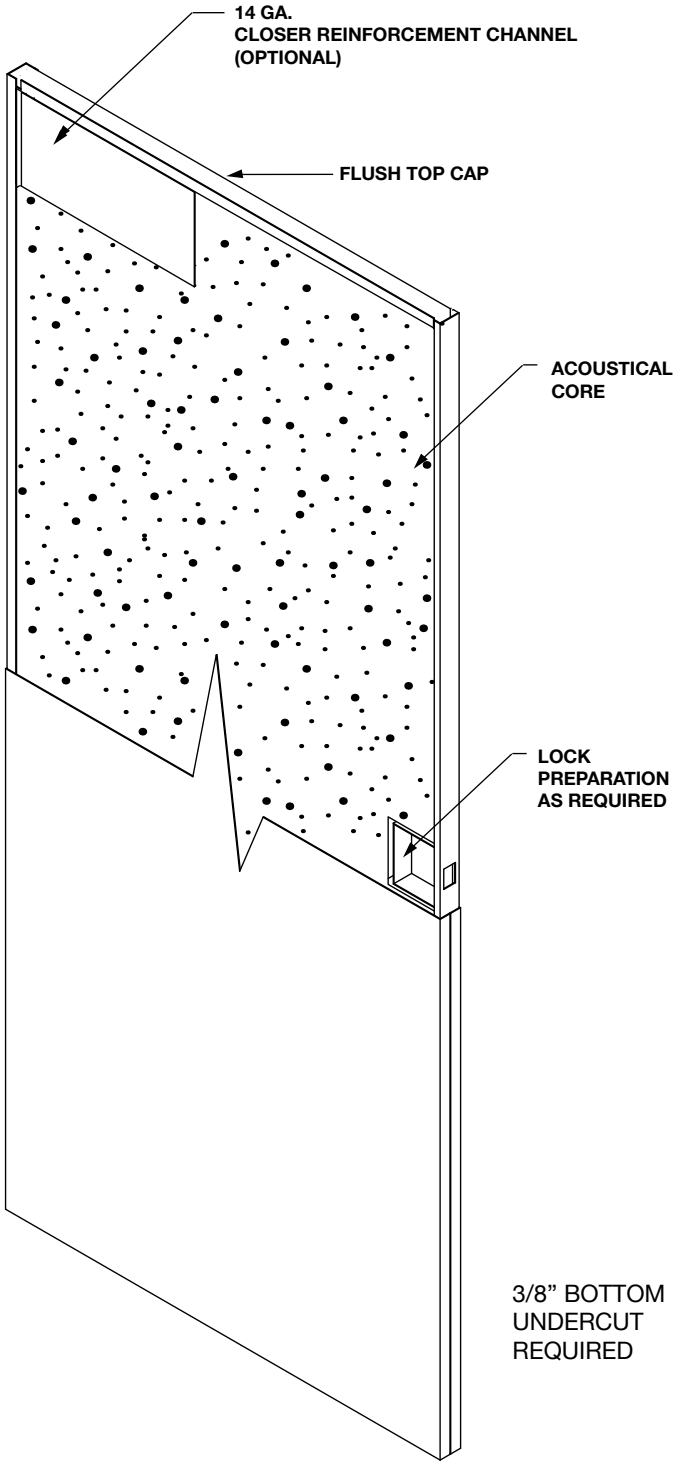
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 48) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

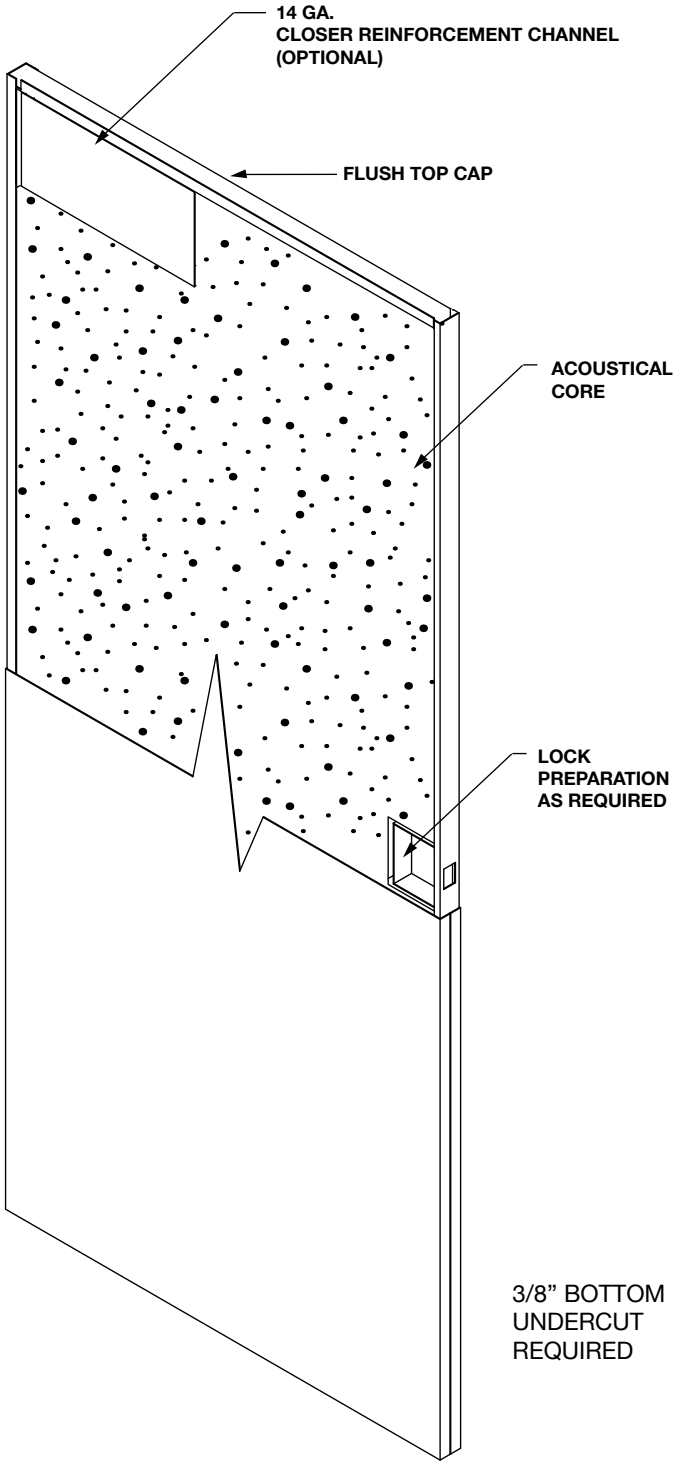
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 49) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

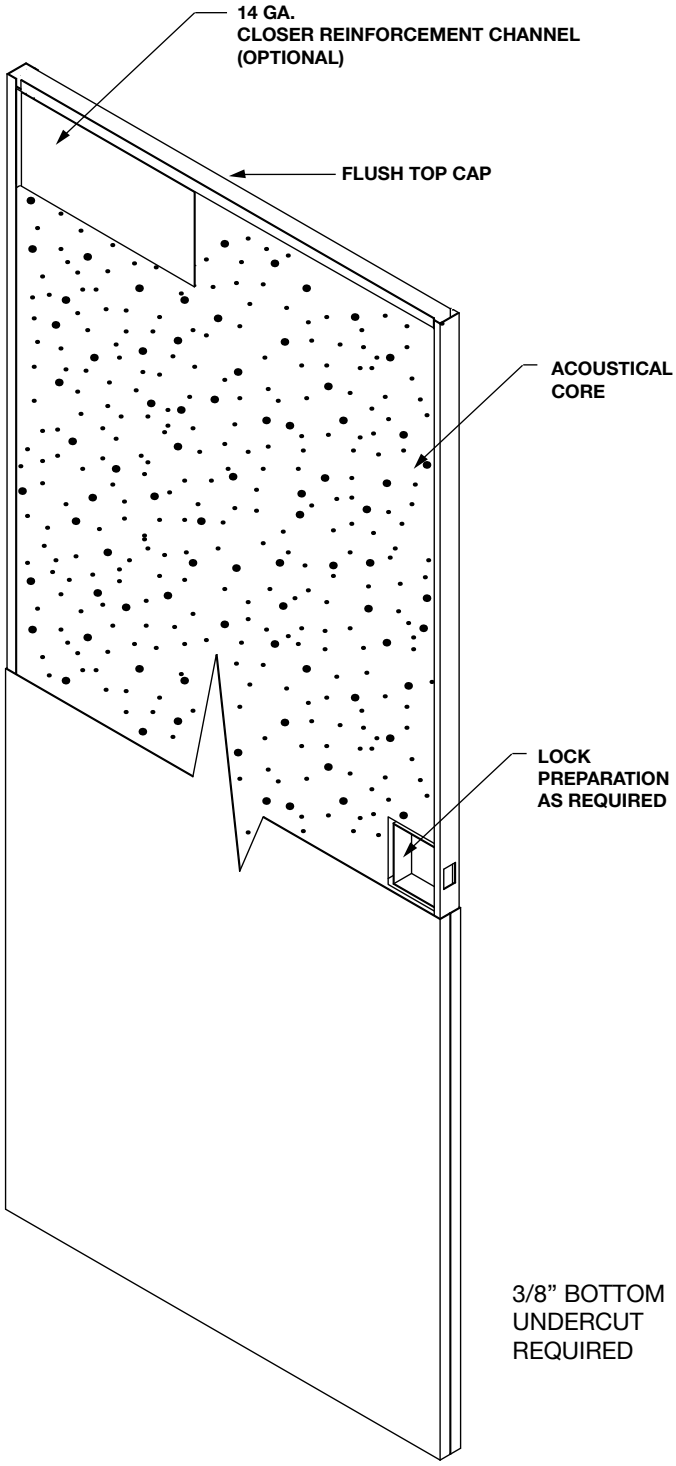
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



STC 48-49 FLUSH PAIRED
757 (STC 48) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 48 - CYLINDRICAL OR MORTISE ONLY
(REQUIRED SURFACE OF FLUSHBOLT WITH STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

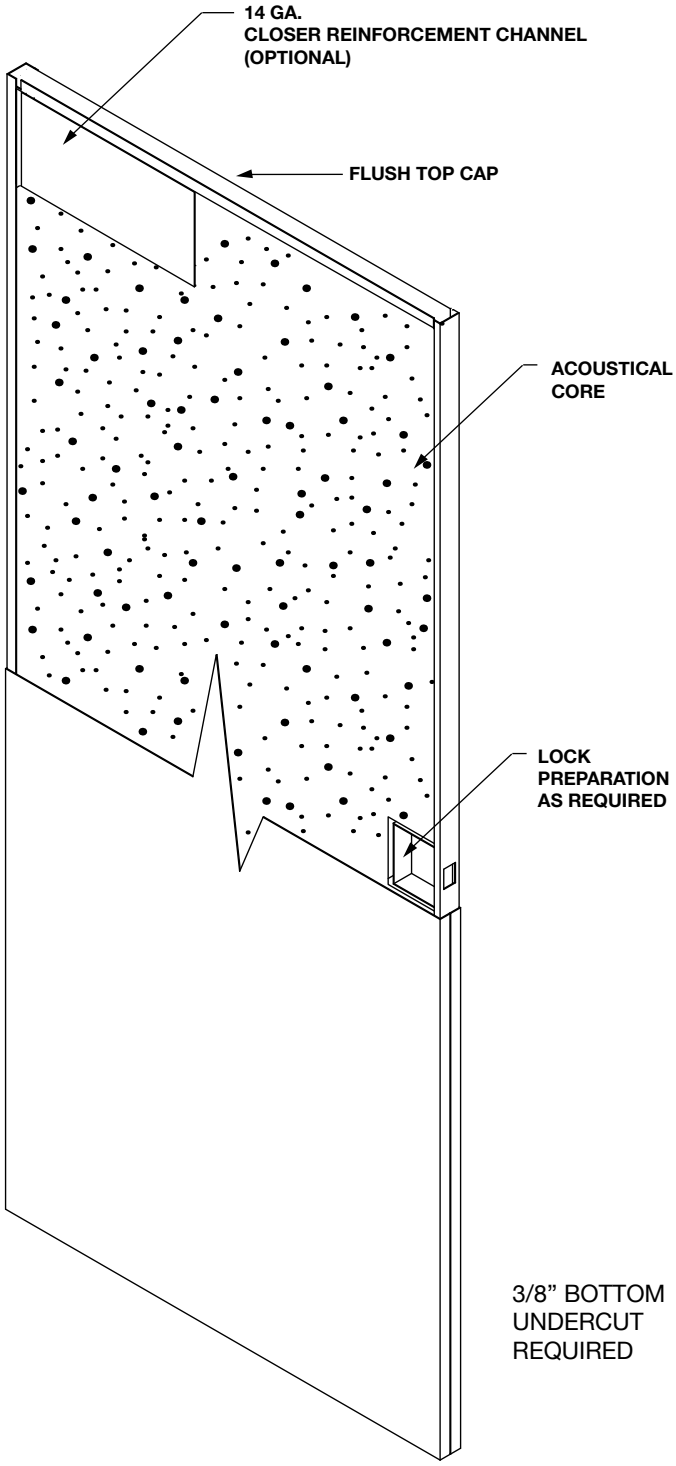
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 49) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 49 - CYLINDRICAL ONLY
(REQUIRED SURFACE OF FLUSHBOLT WITH STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

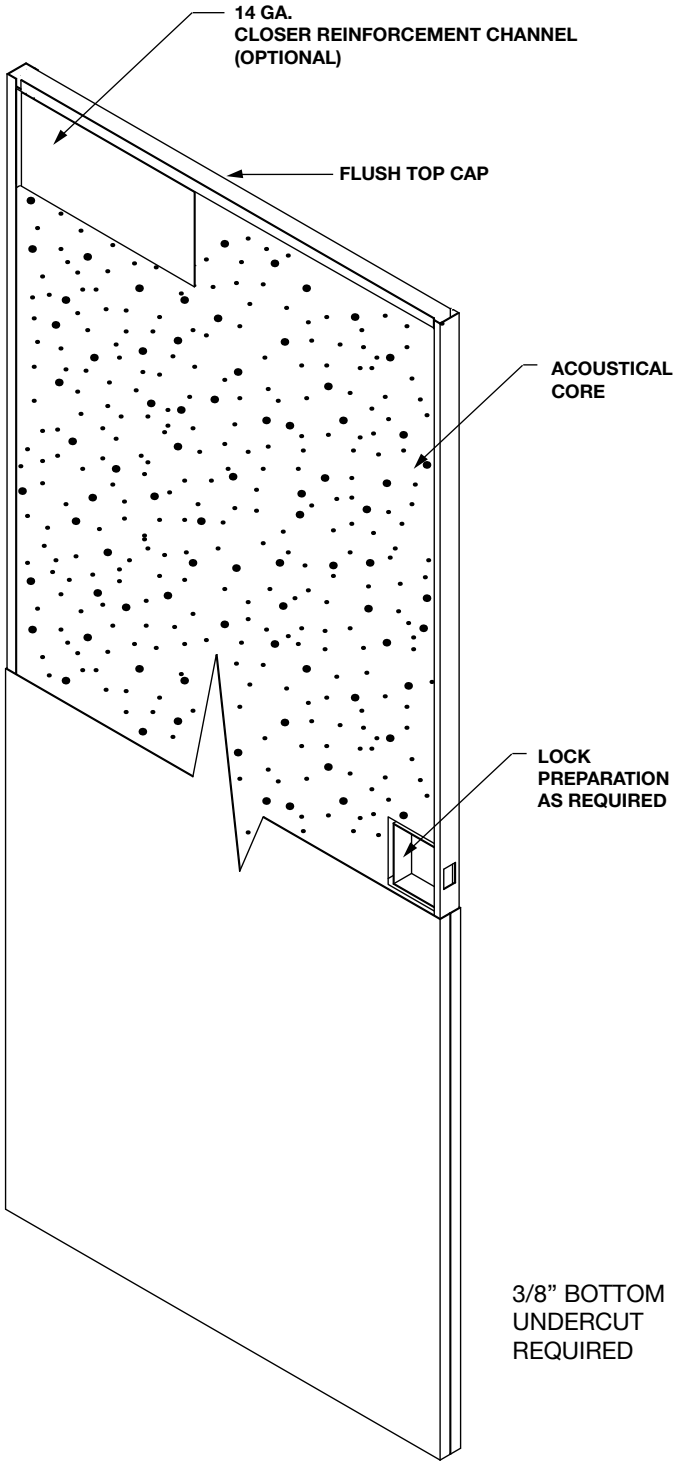
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



STC 42-47 FLUSH PAIRED
757 (STC 42) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

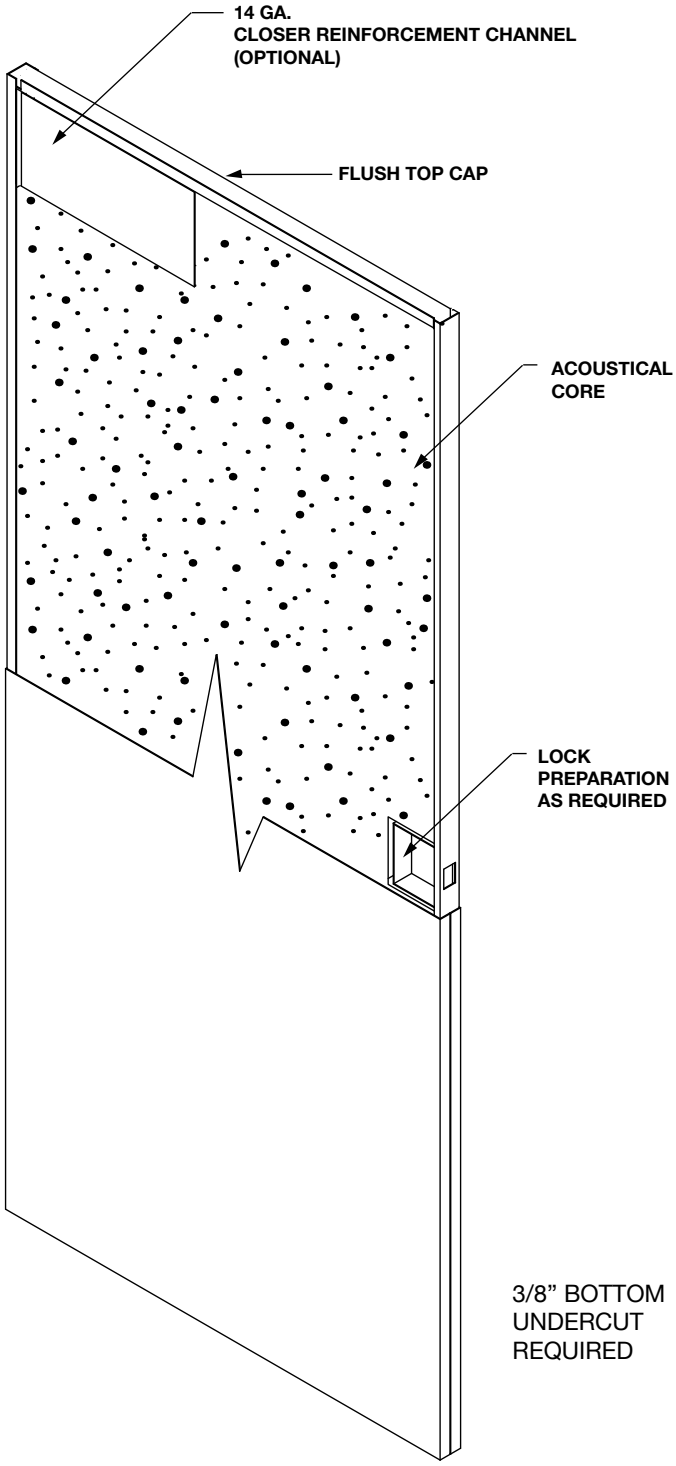
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 43) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

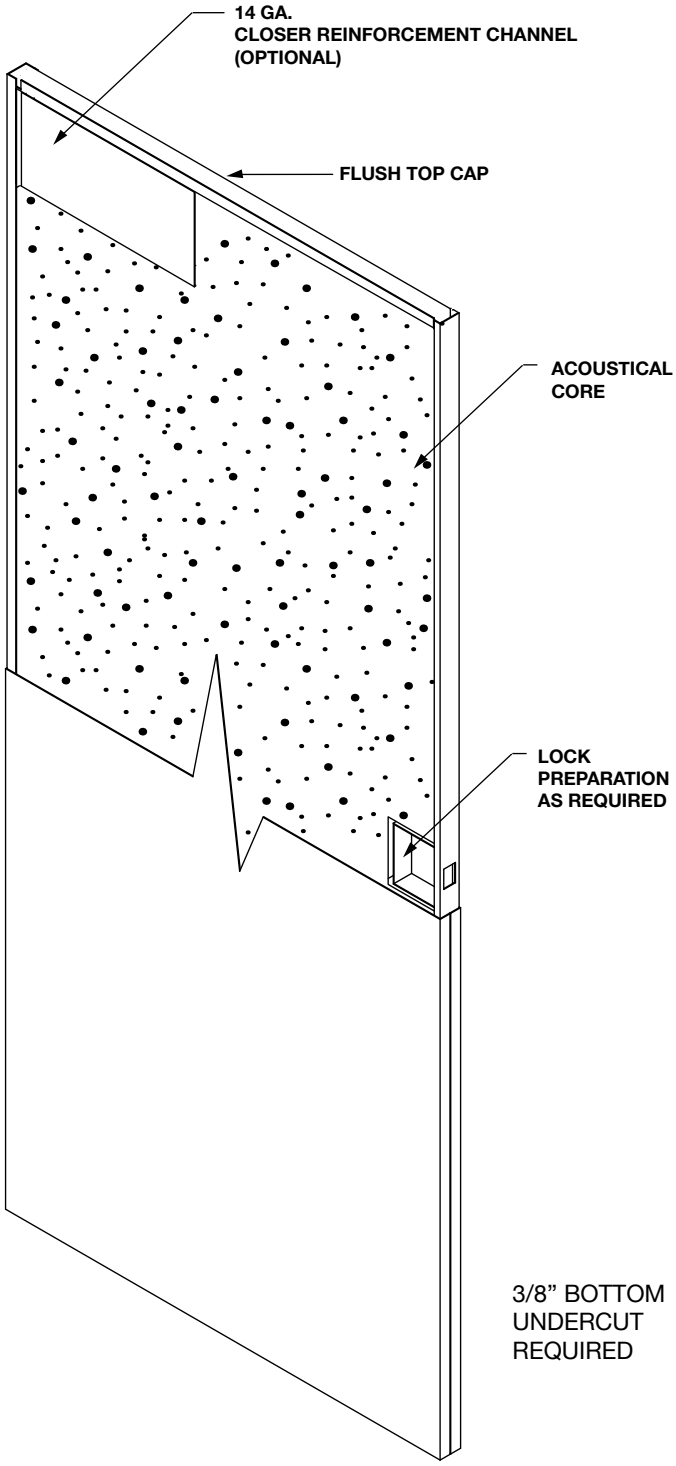
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 44) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

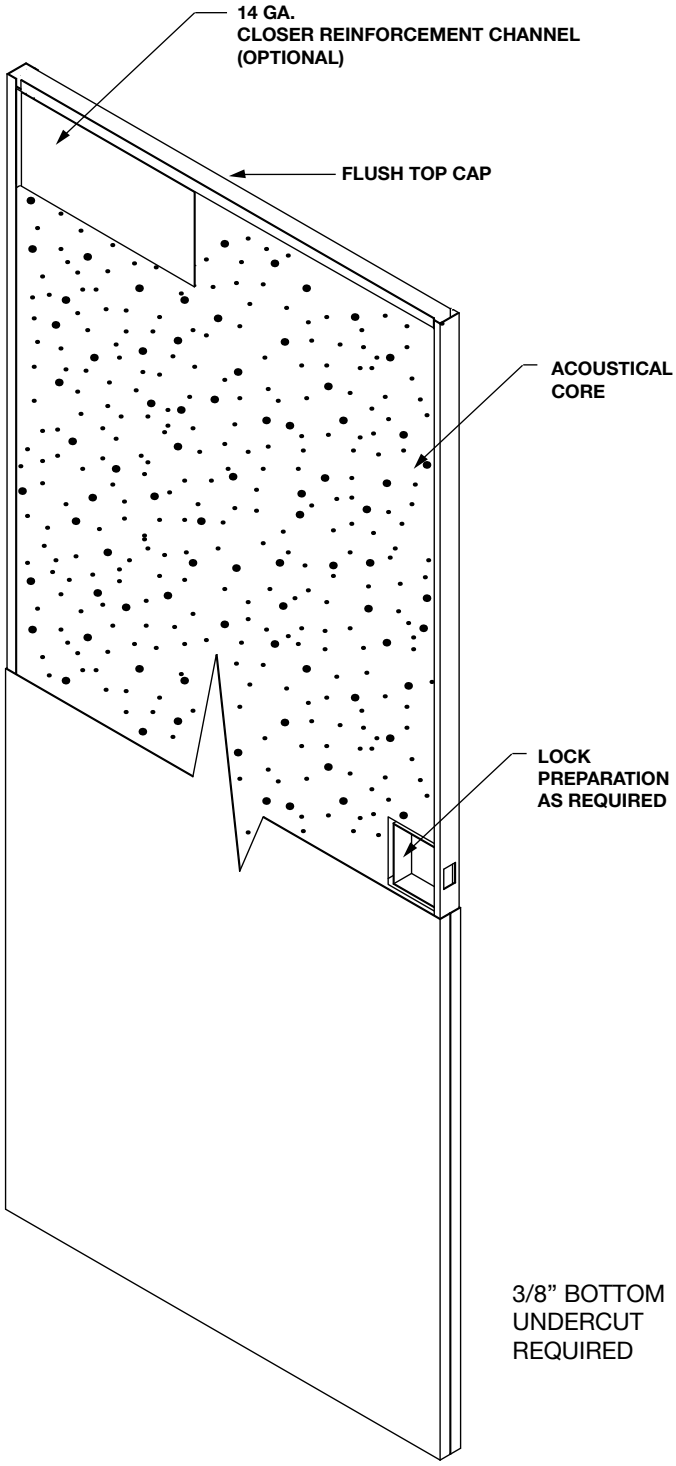
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 45) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

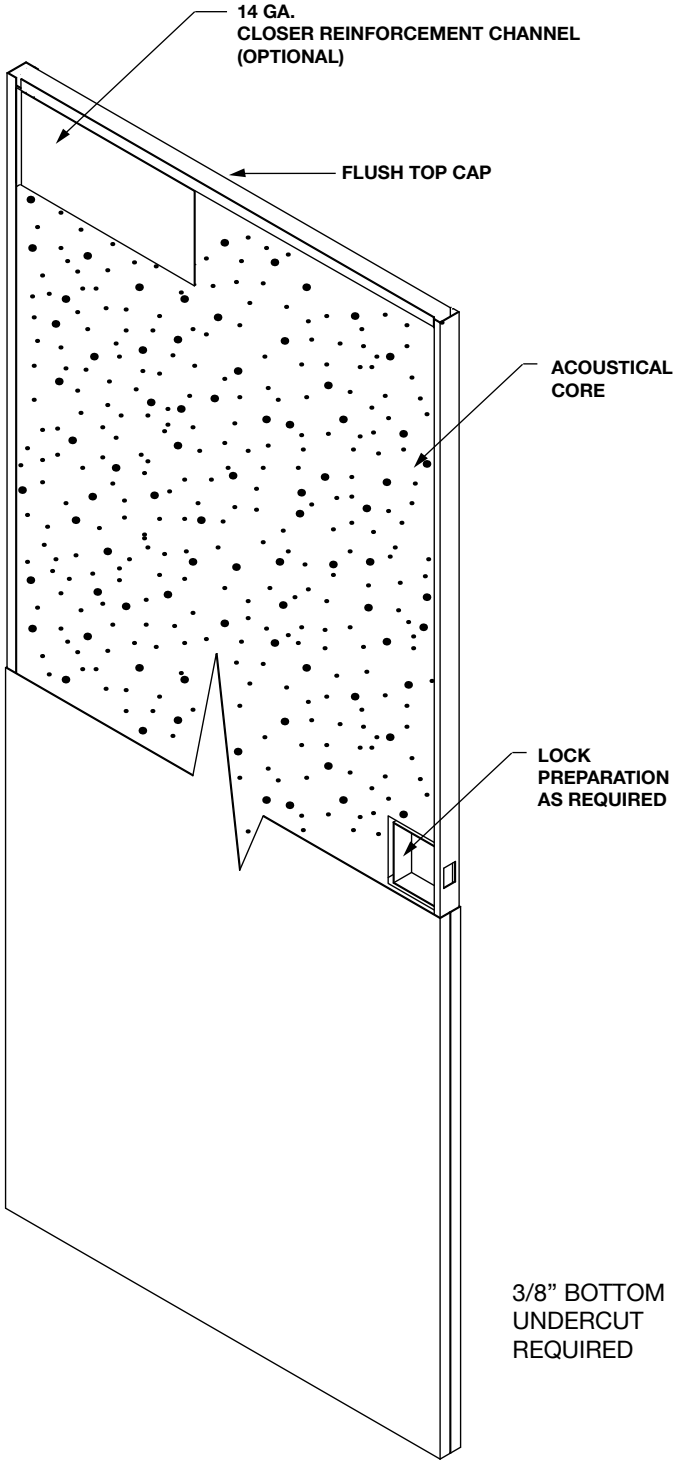
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 46) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

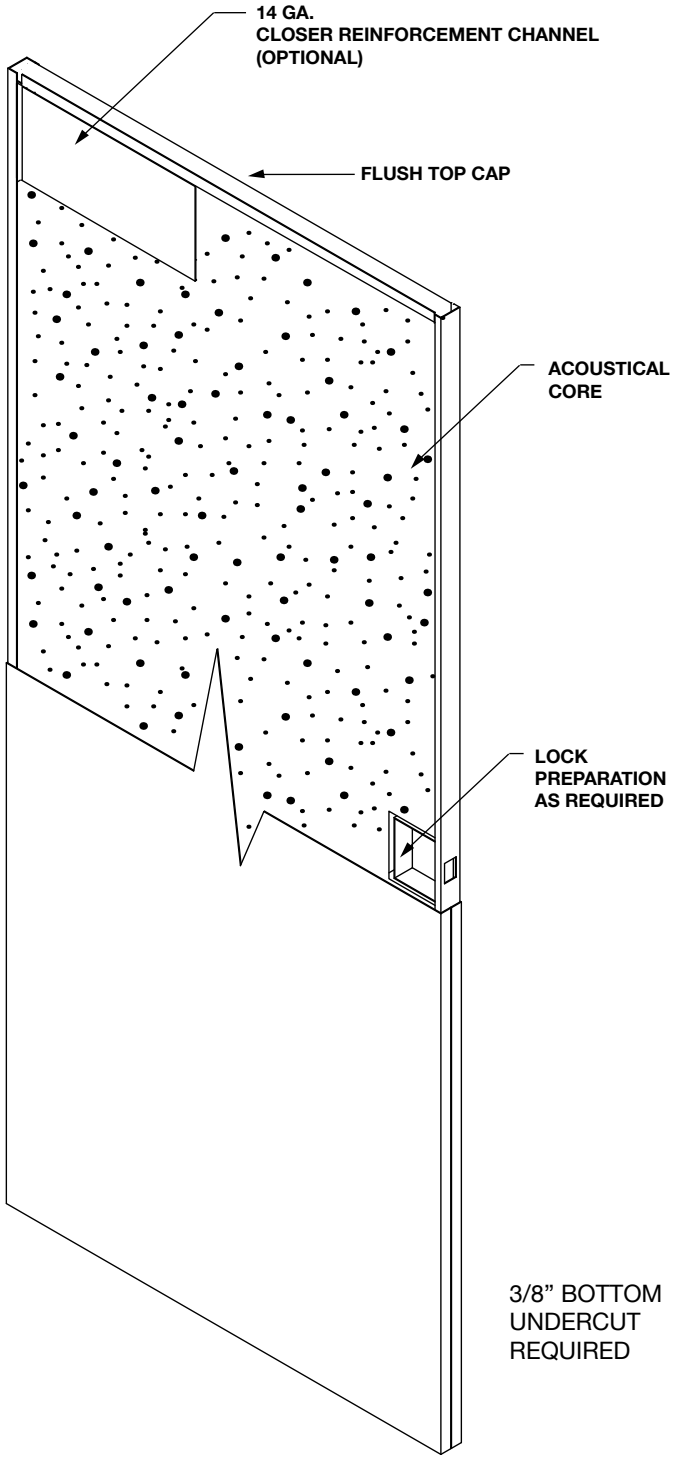
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 47) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC CYLINDRICAL OR MORTISE LOCK (CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

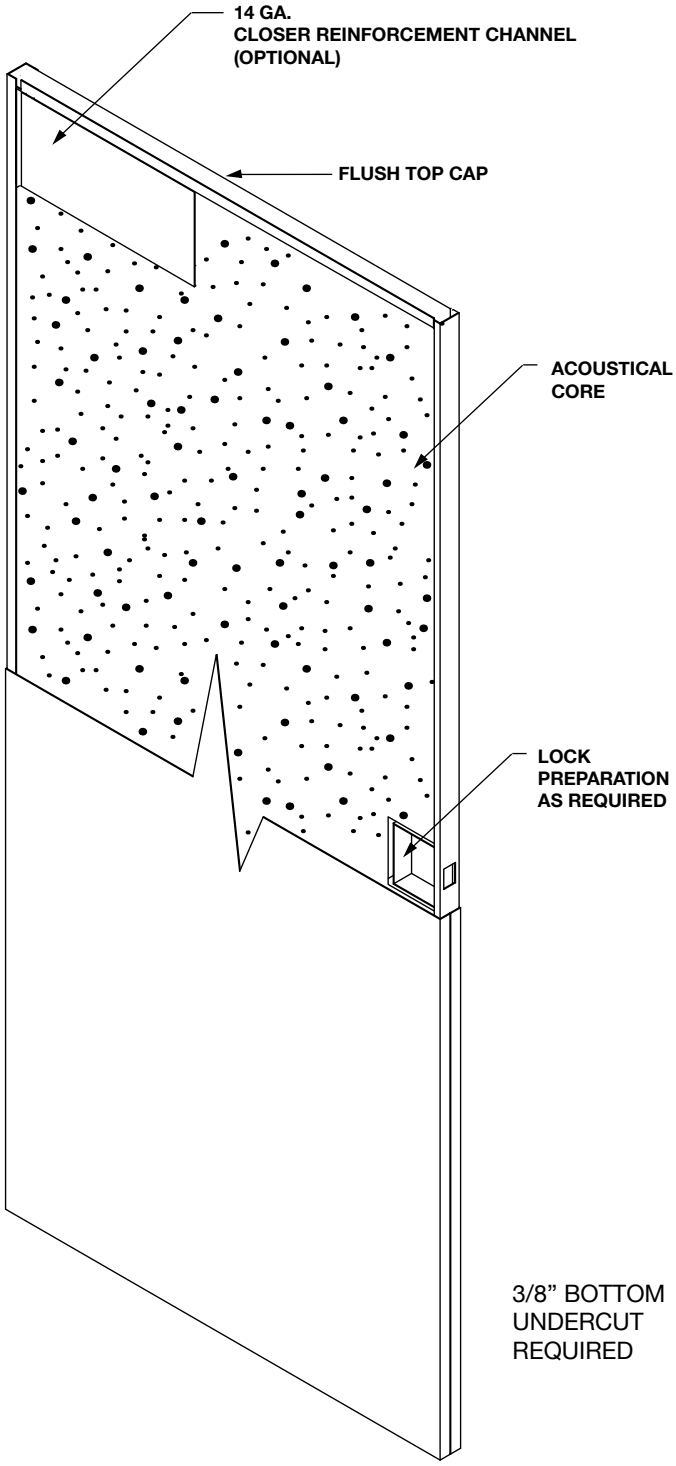
FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



STC 32-41 FLUSH PAIRED
757 (STC 32) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

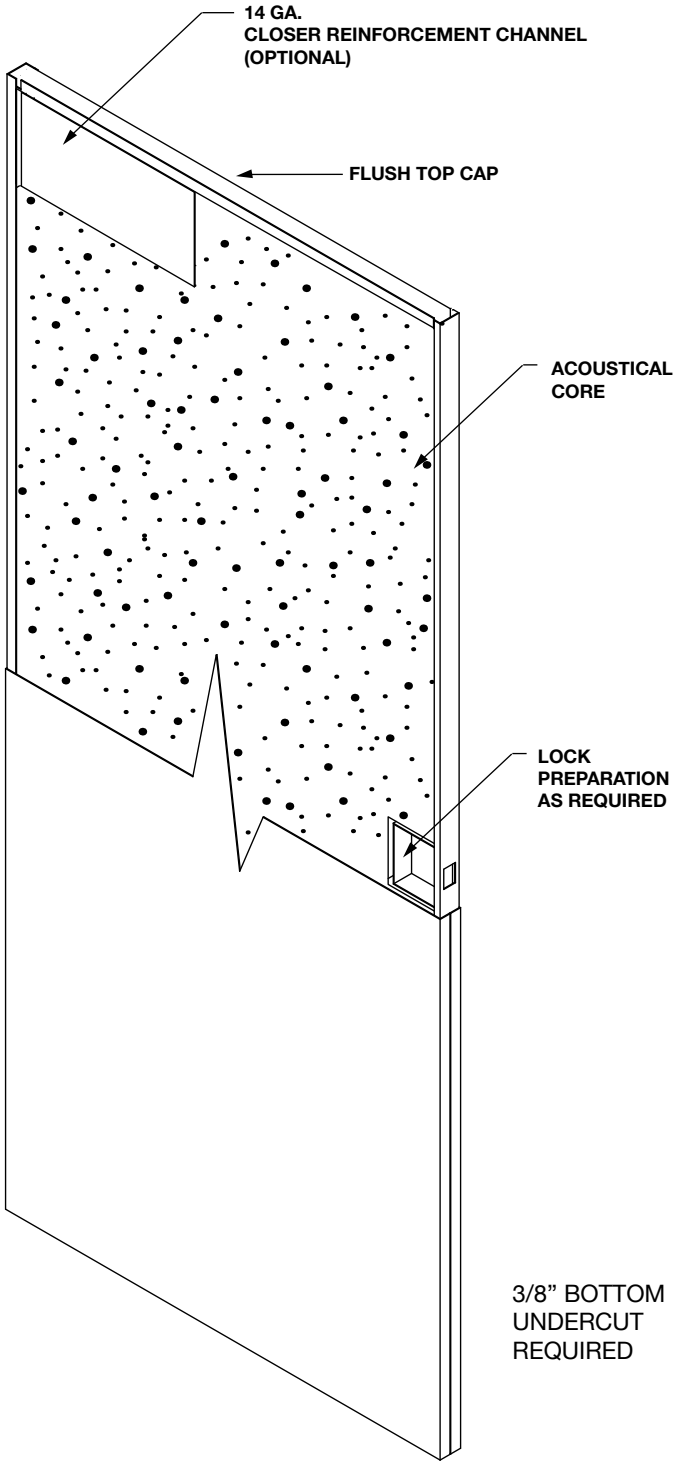
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 33) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

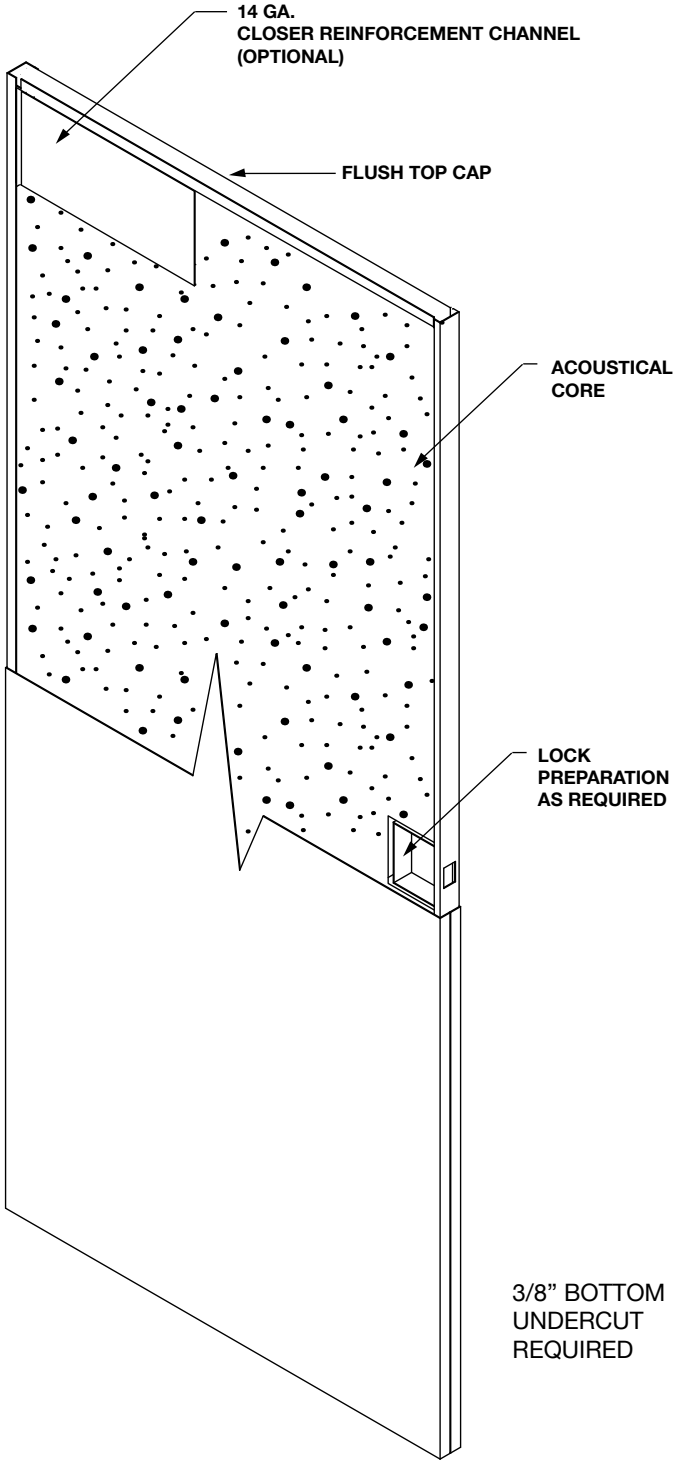
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 34) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

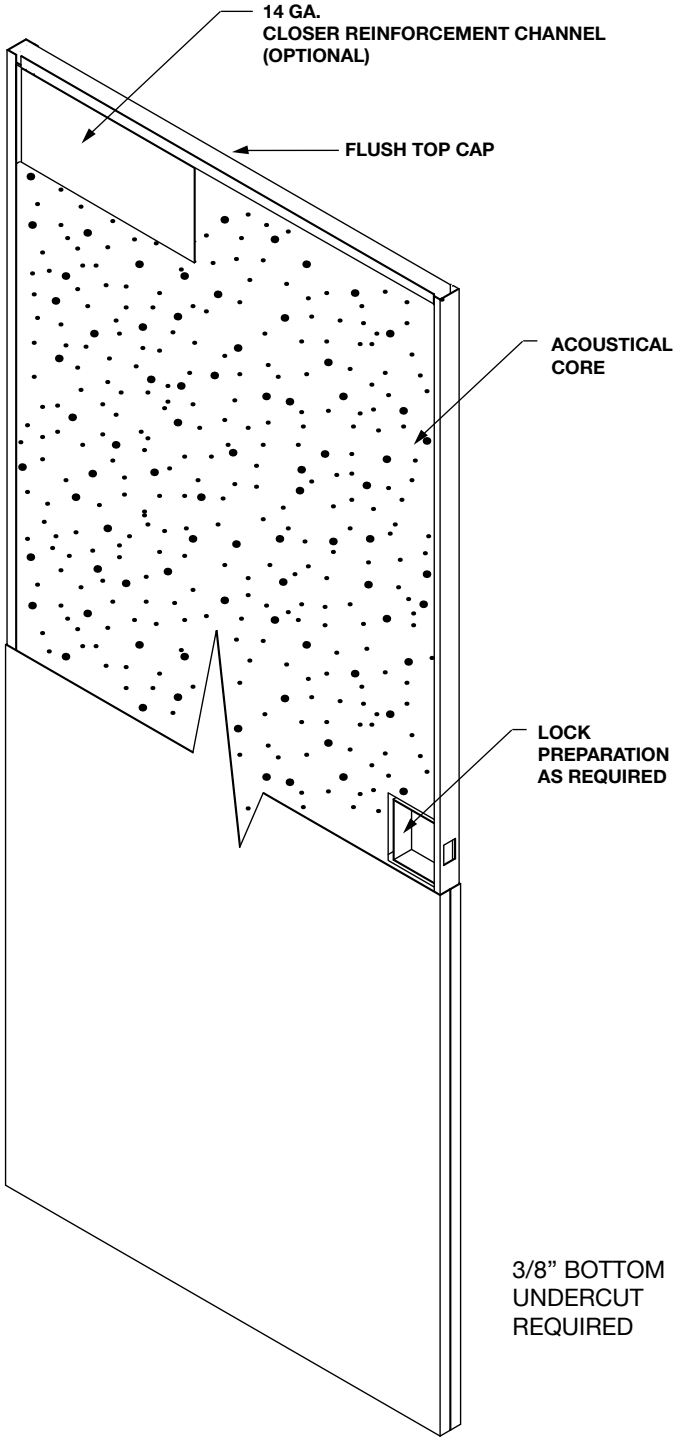
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 35) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

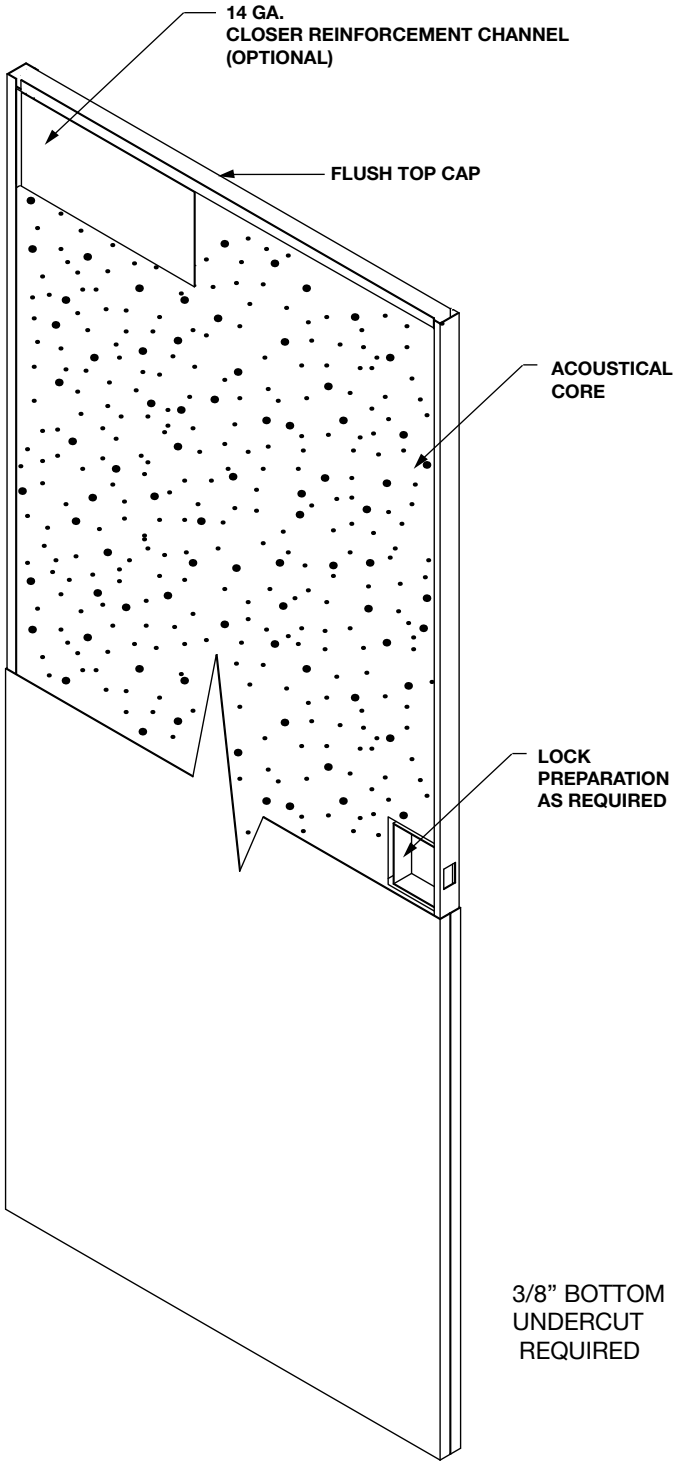
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 36) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

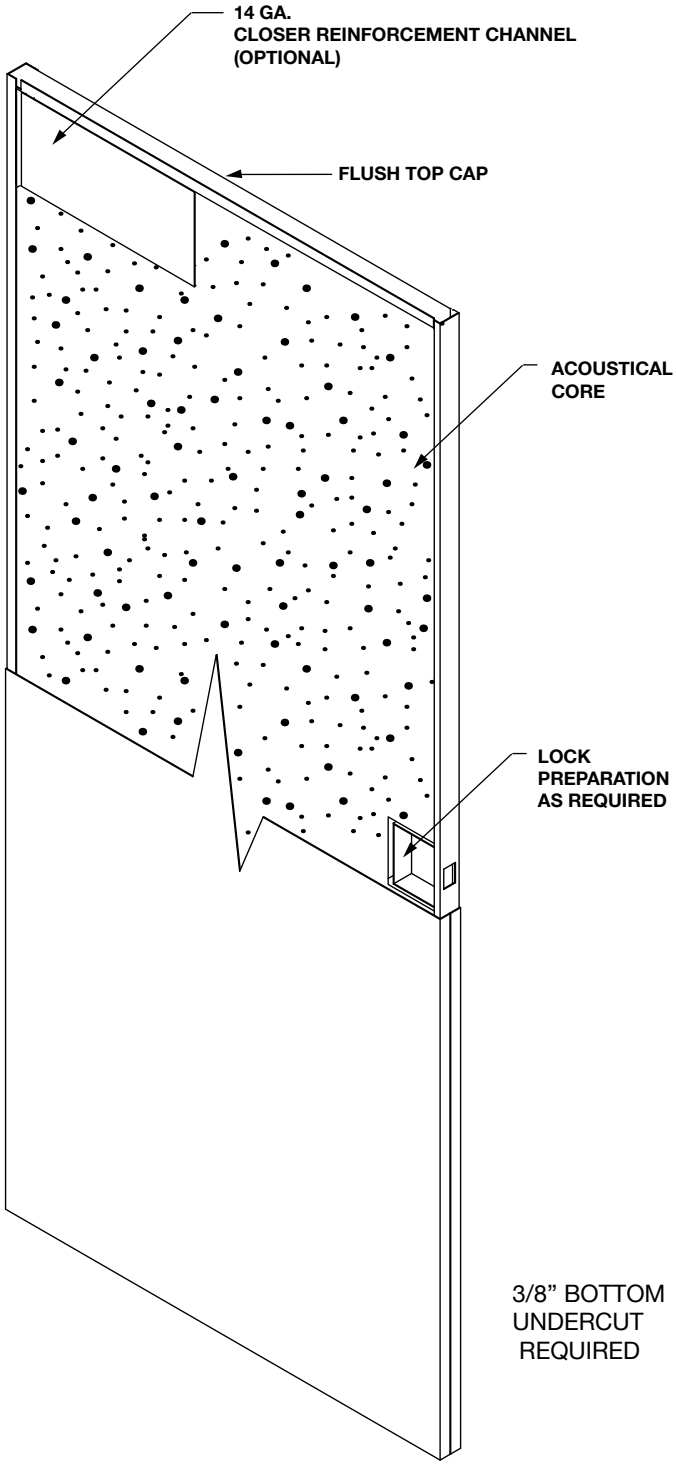
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 37) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

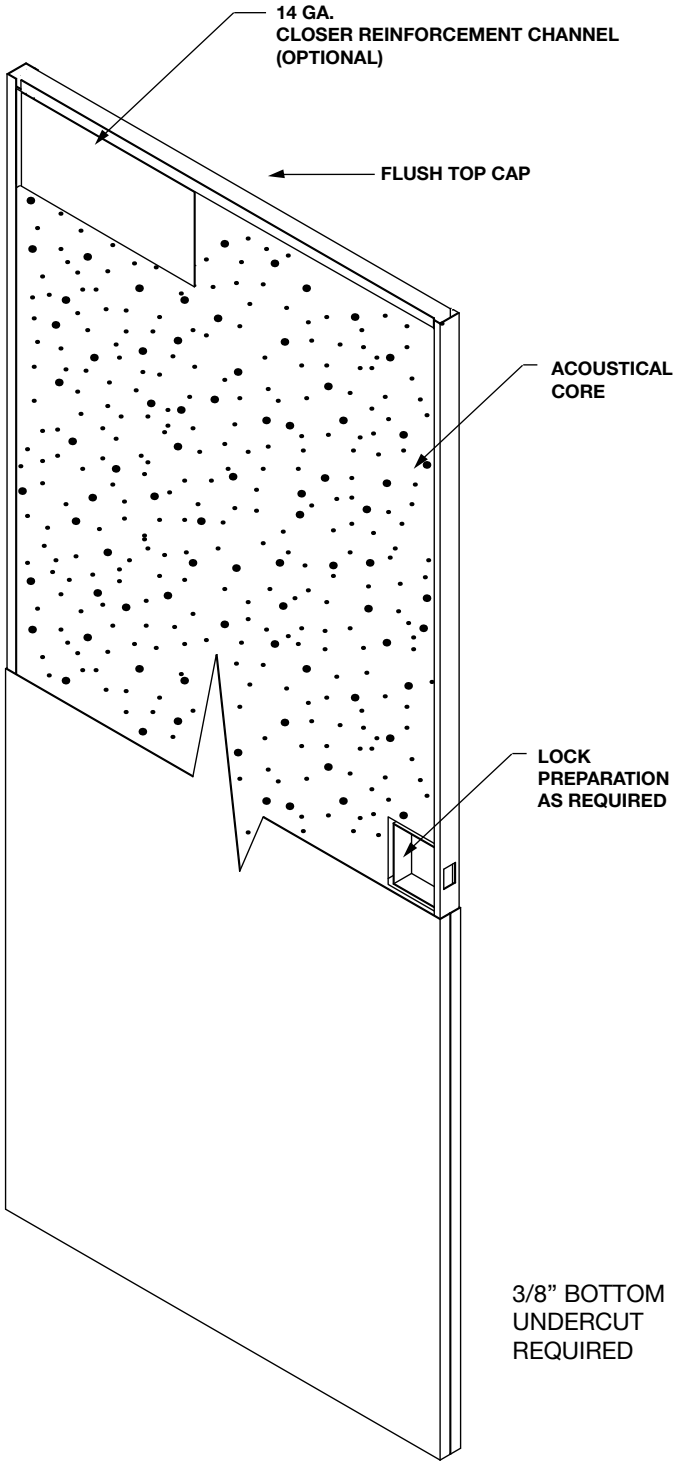
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 38) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

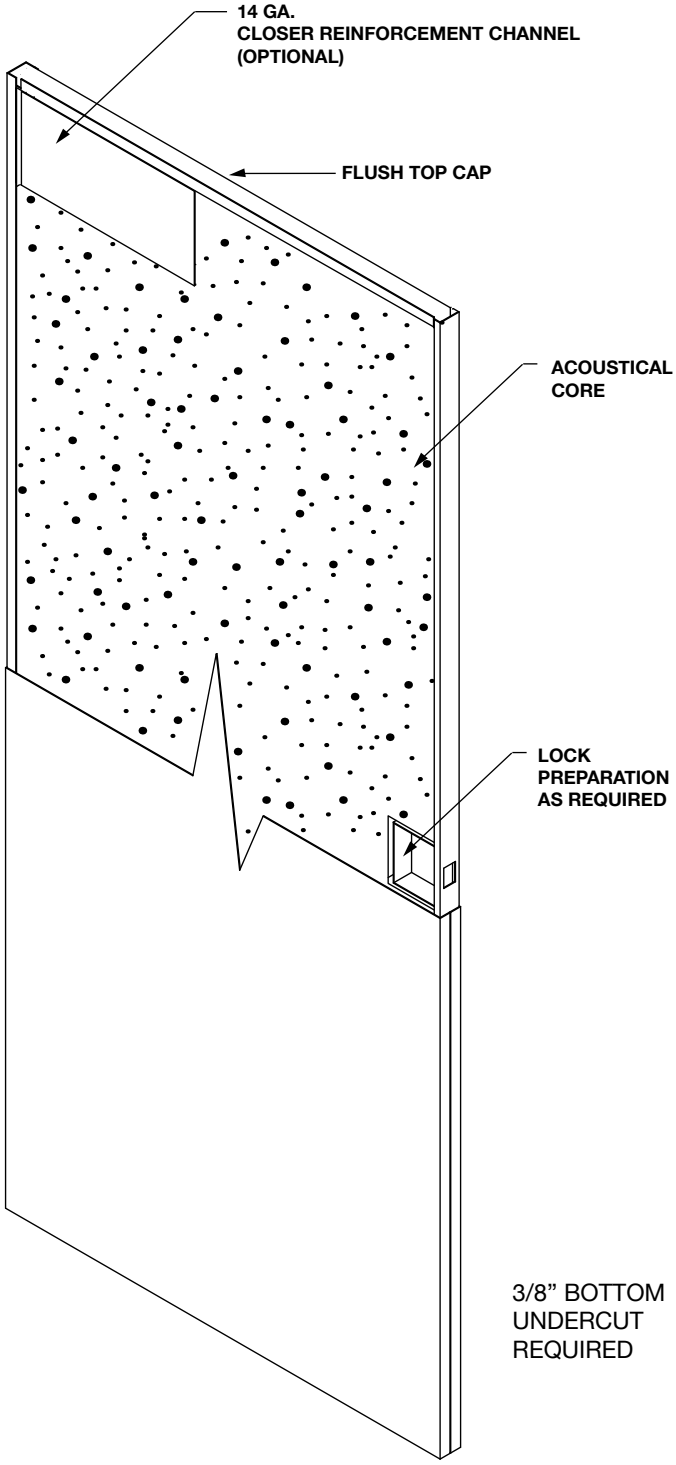
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 39) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

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HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

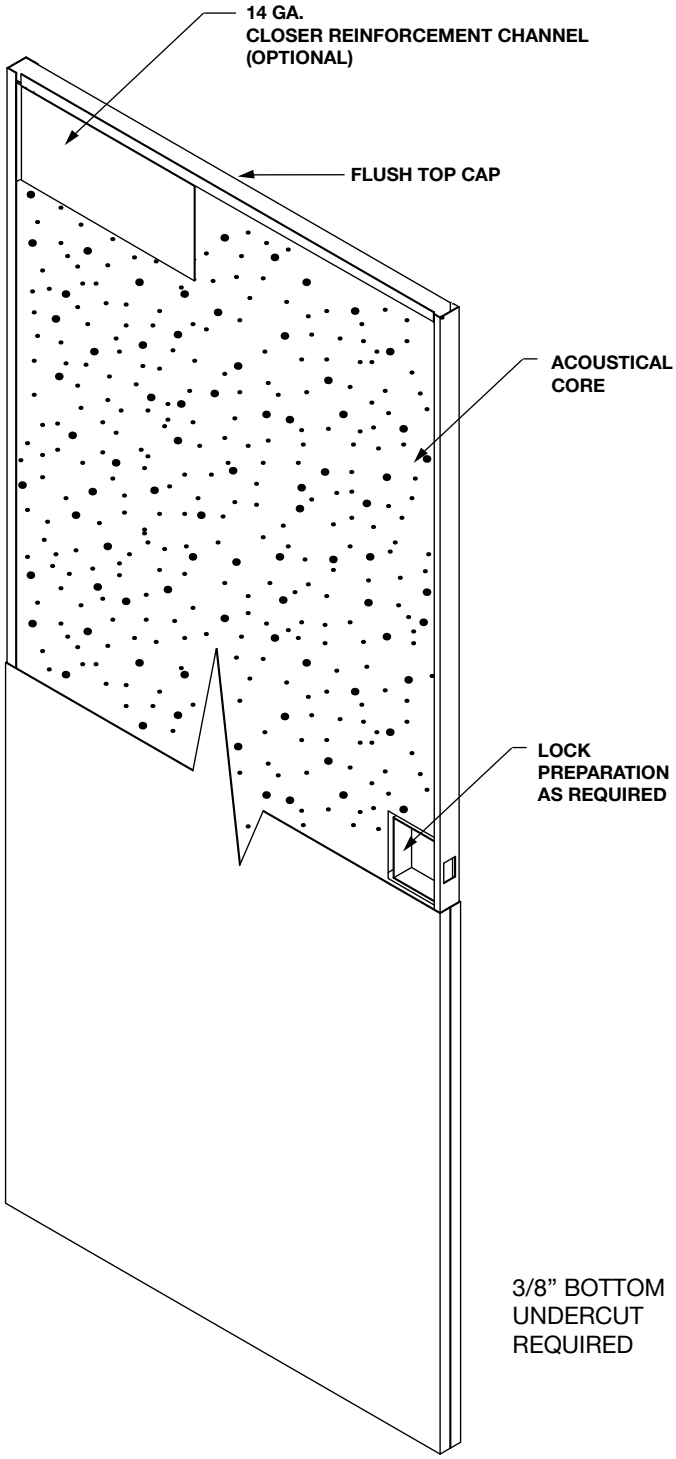
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 40) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

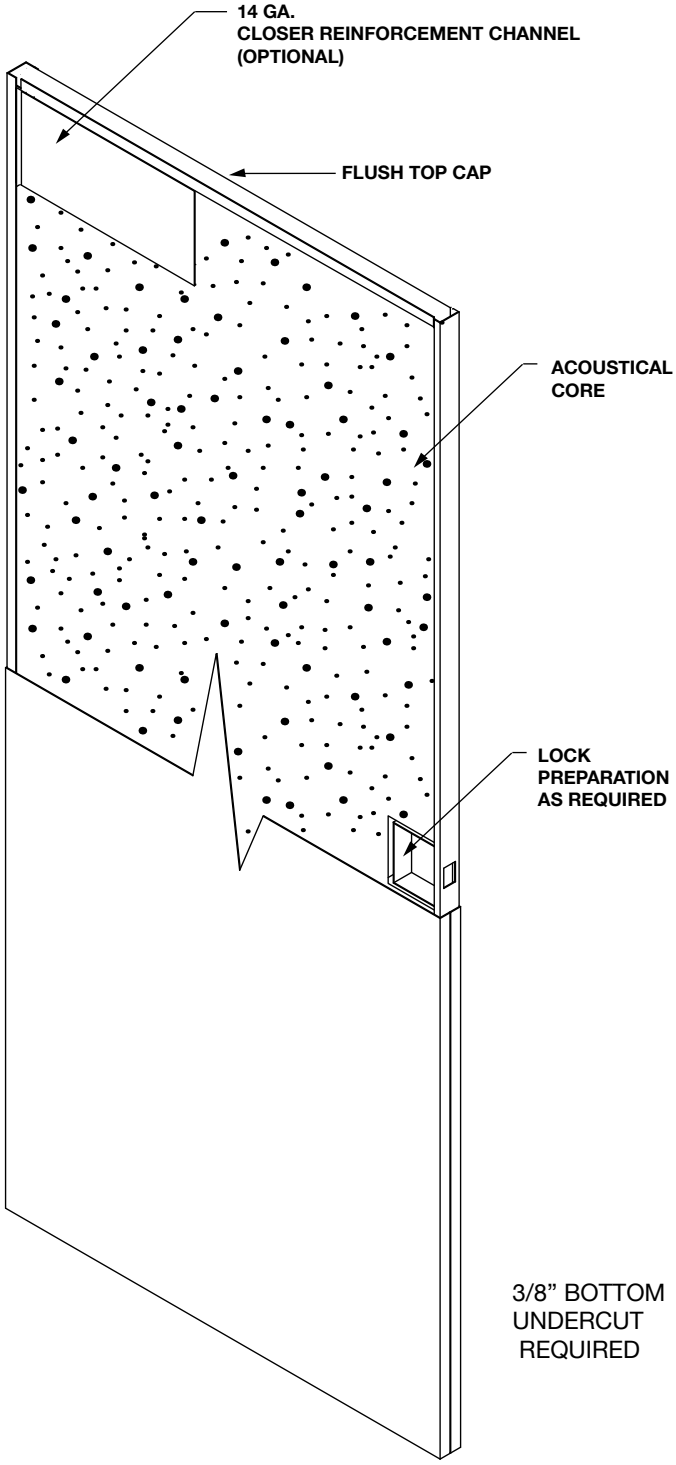
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 41) ACOUSTICAL DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

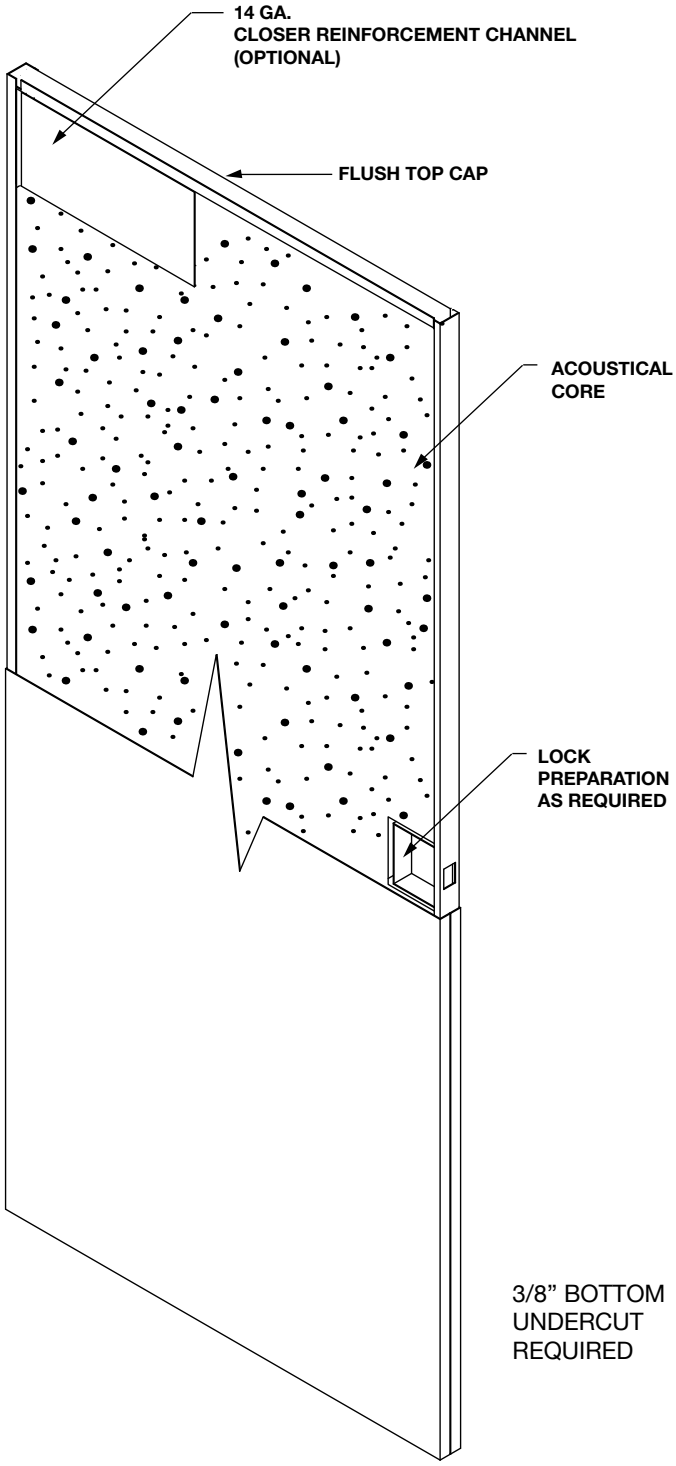
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LIGHTS ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



STC 32-44 GLAZED
757 (STC 32) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

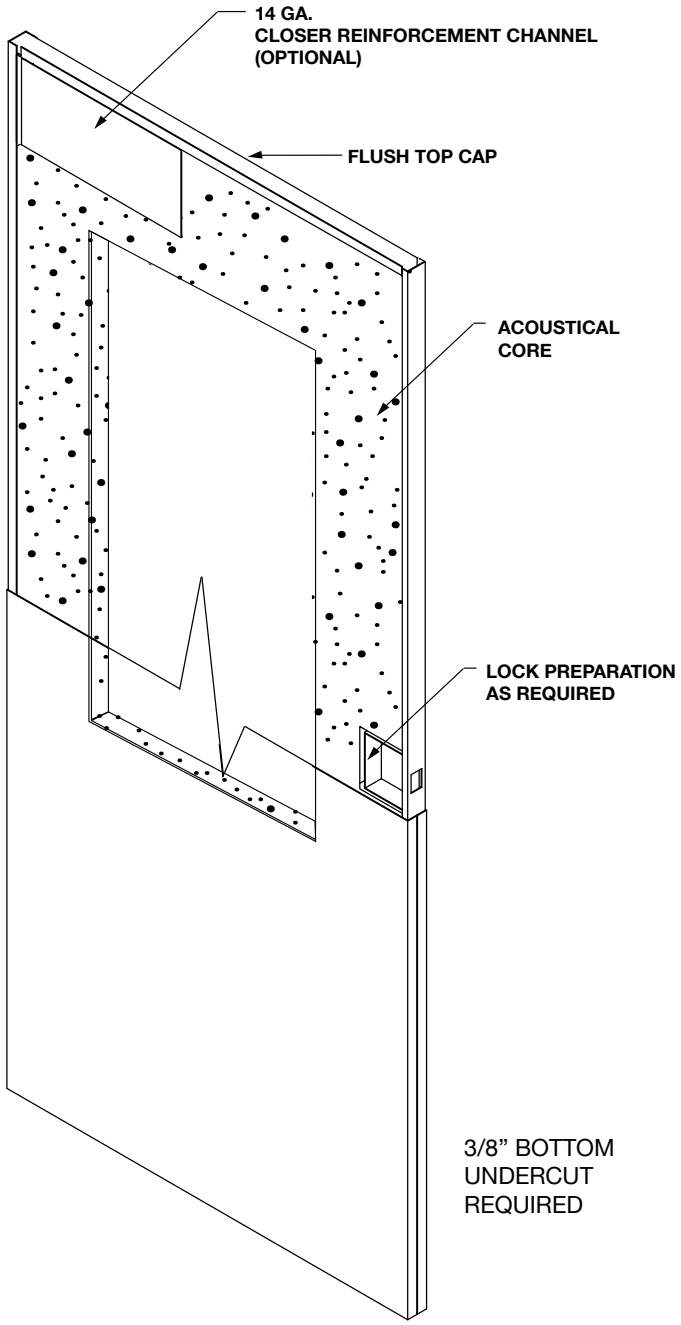
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 33) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

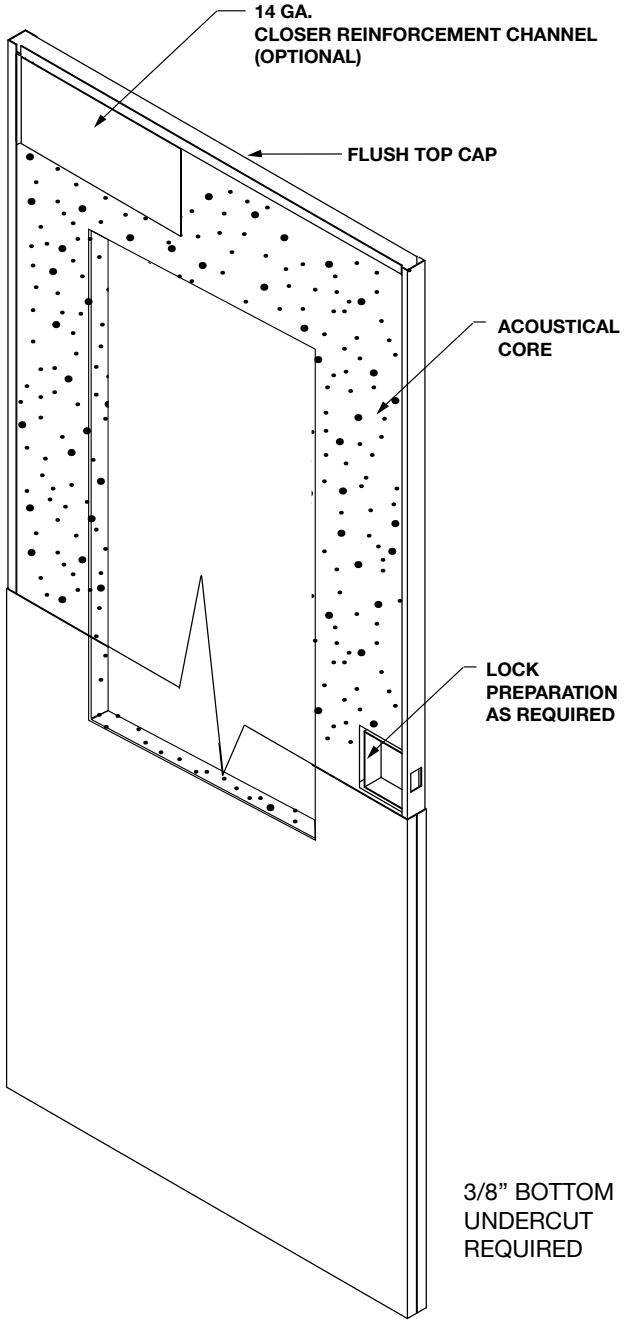
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 34) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

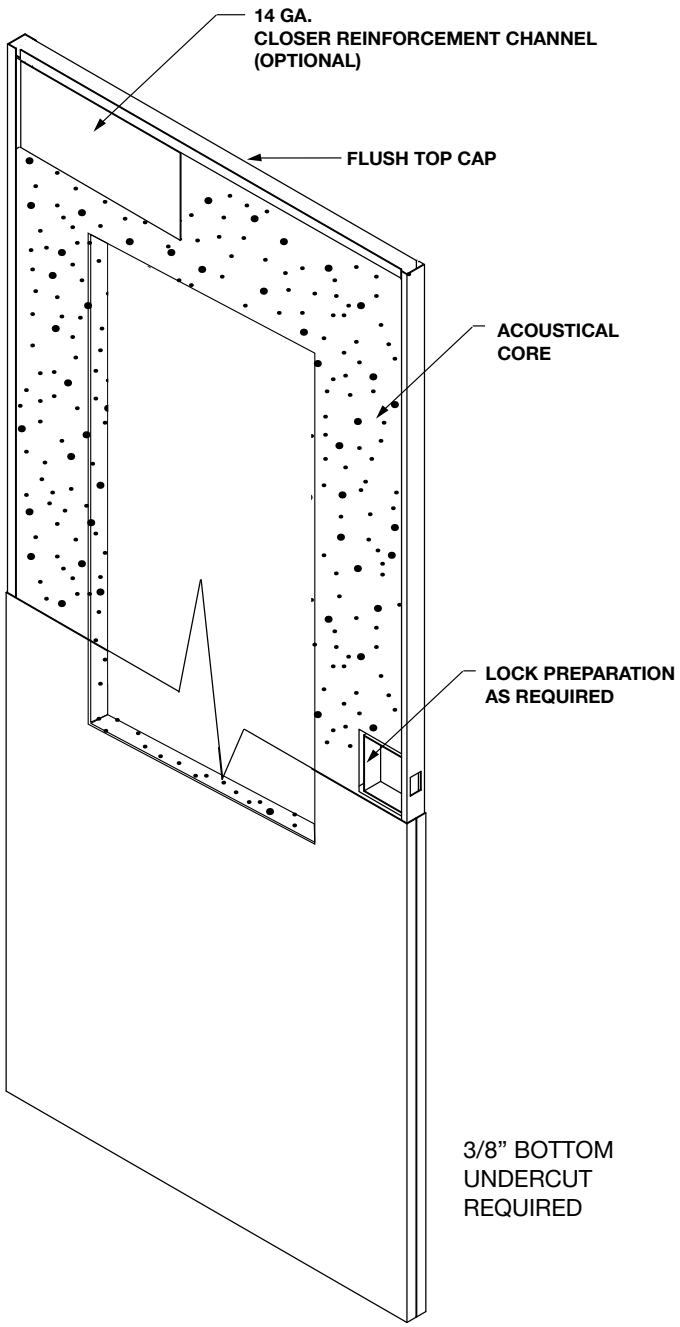
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 35) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

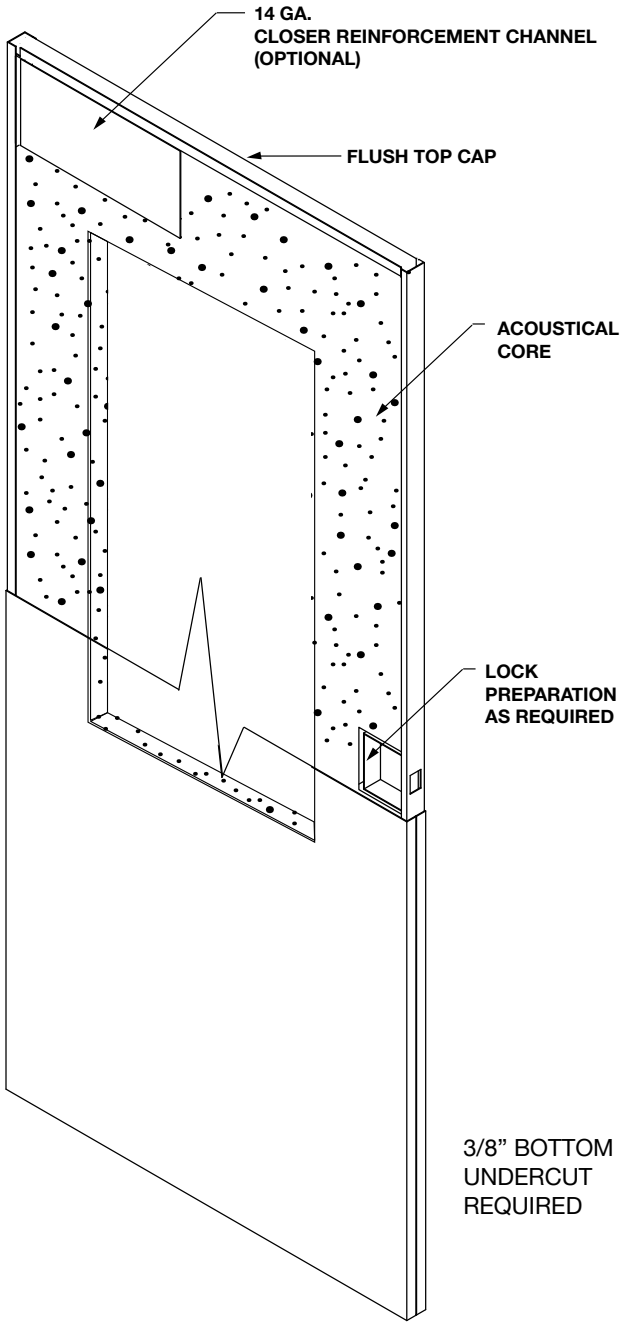
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 36) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 36 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 36 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 36 WITH CYLINDRICAL OR MORTISE AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

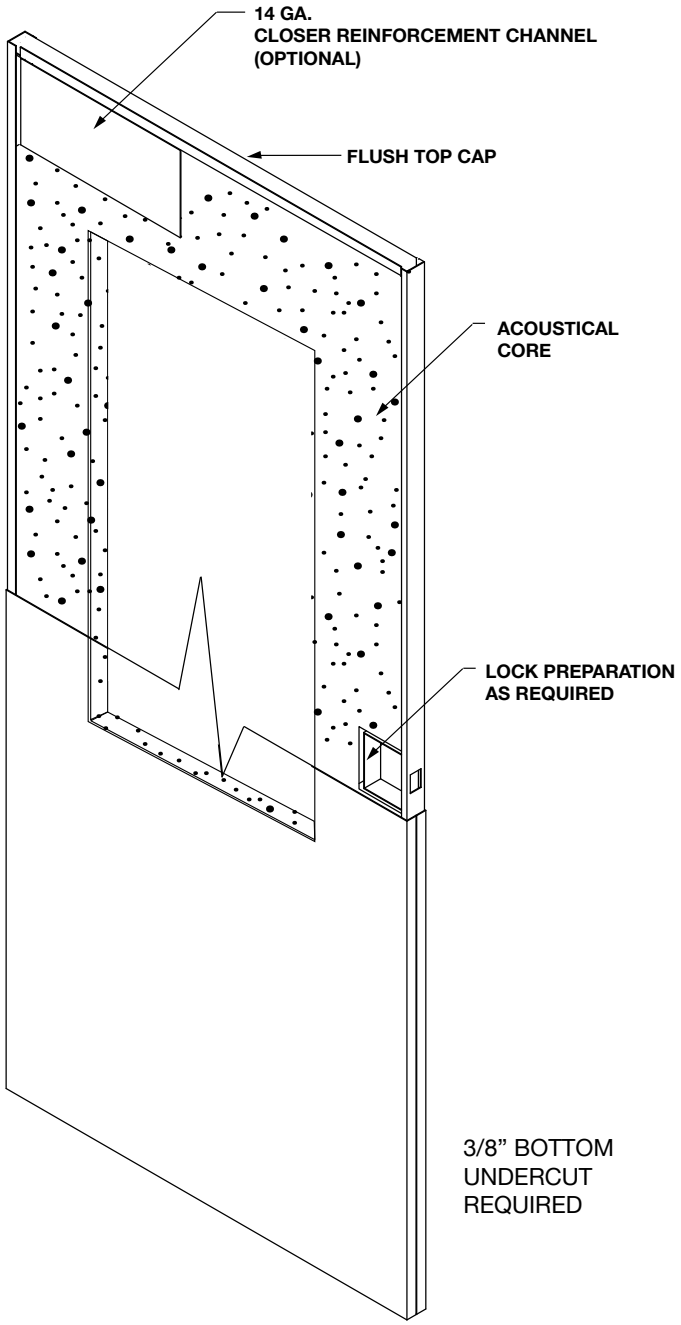
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 37) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 37 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 37 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 37 WITH CYLINDRICAL LOCK AND MAY INCLUDE UP TO AND
INCLUDING A 1-1/2 HOUR FIRE RATING.

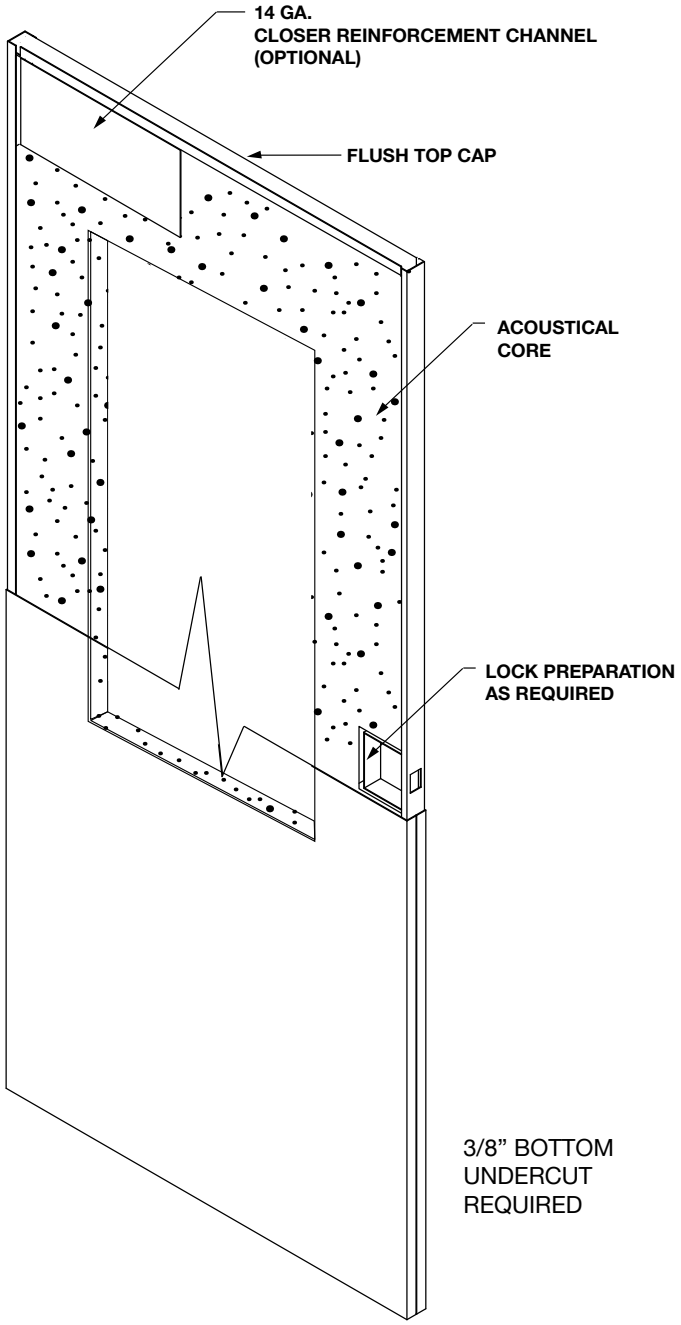
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 38) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 38 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 38 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

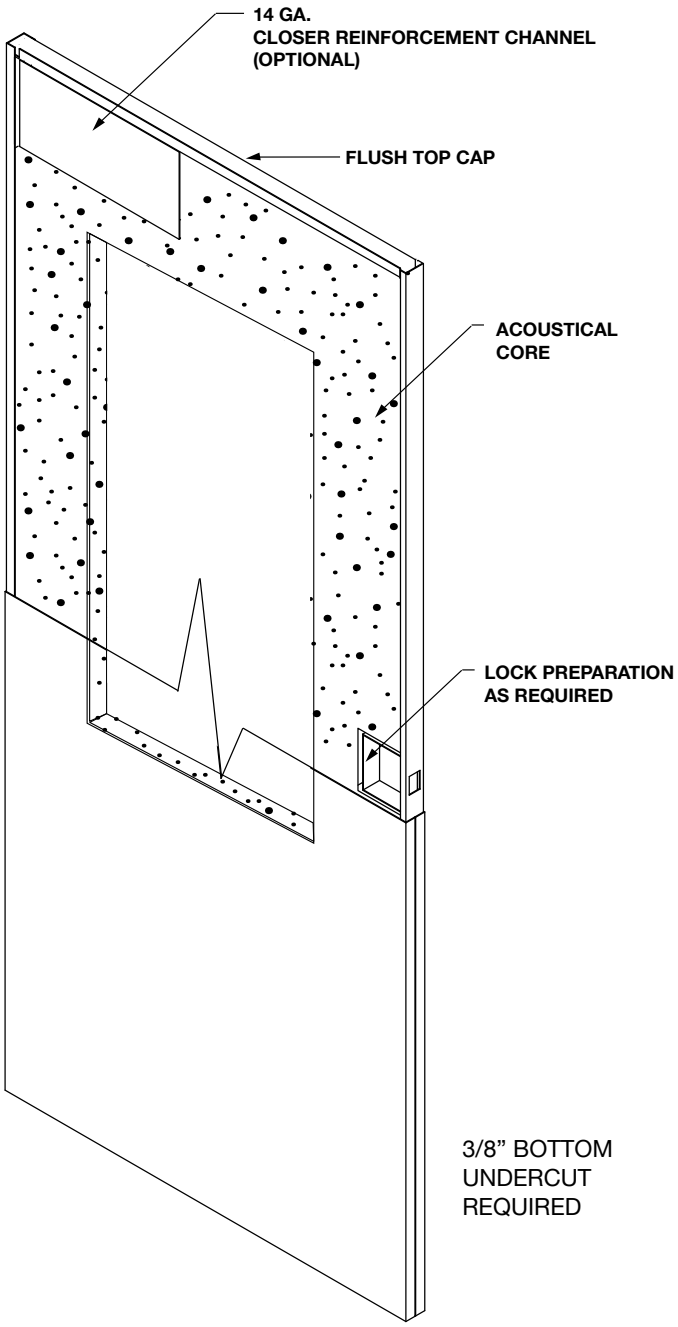
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 39) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

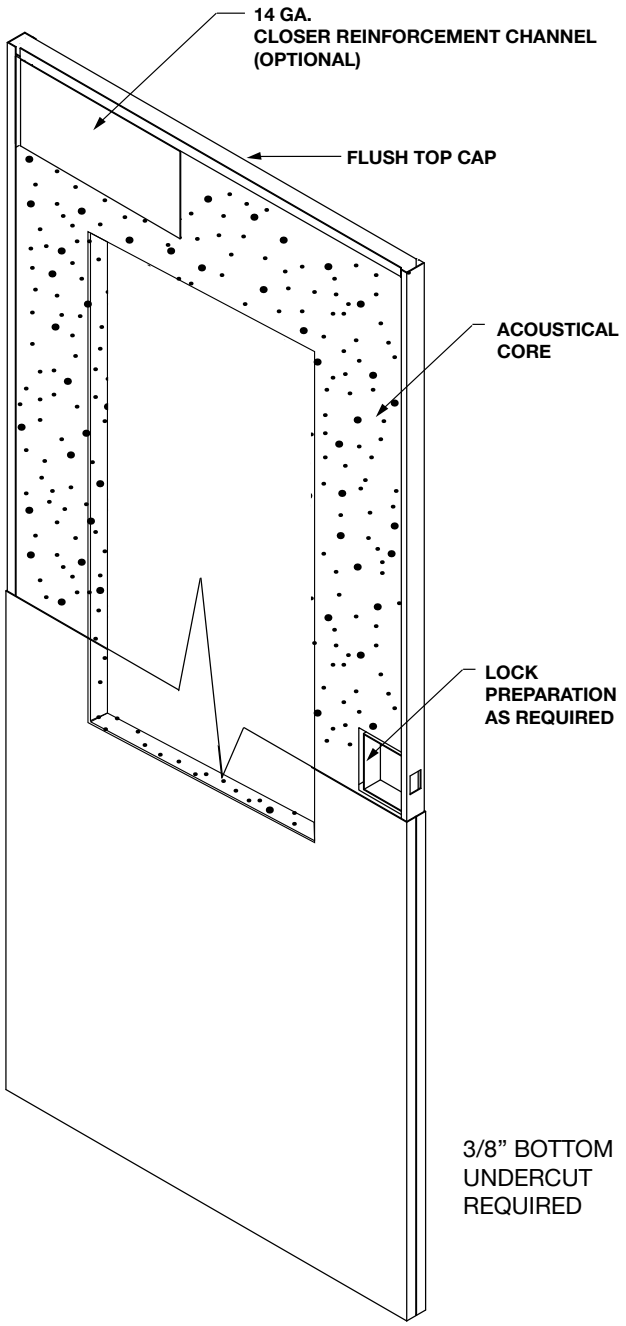
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 40) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 40 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 40 WITH CYLINDRICAL OR MORTISE LOCK AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

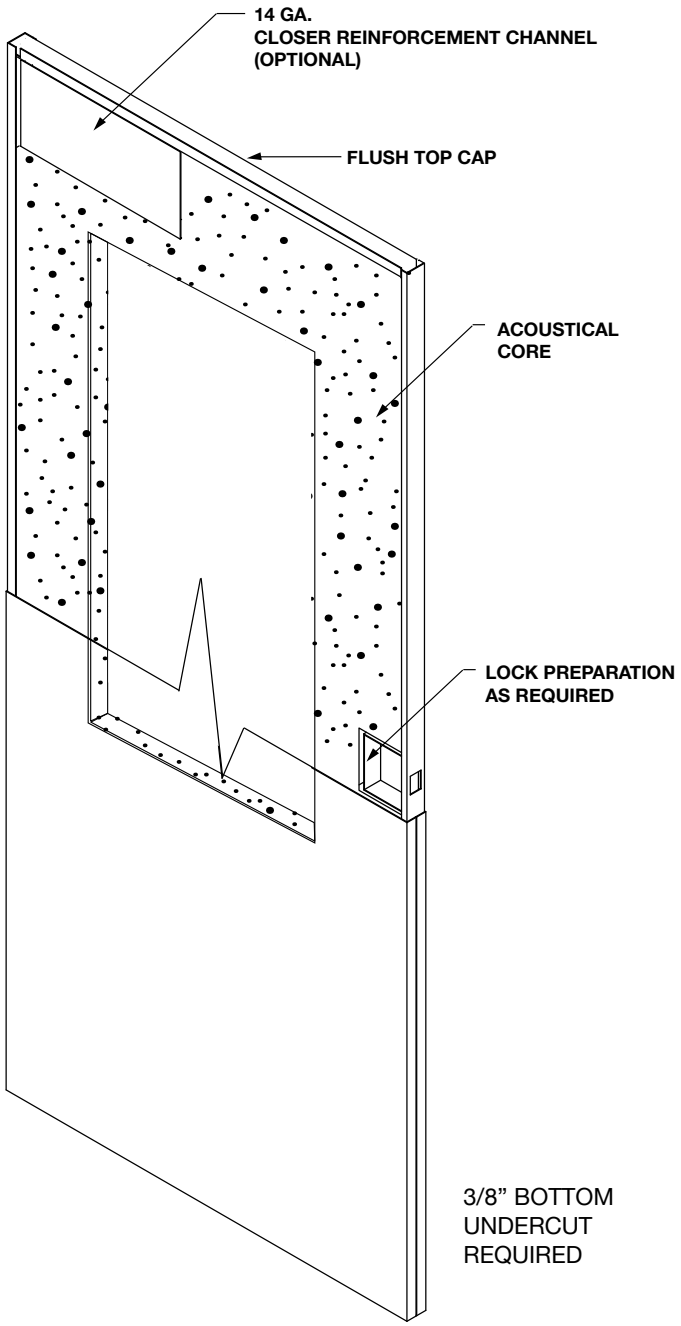
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 41) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 41 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 41 WITH CYLINDRICAL LOCK AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

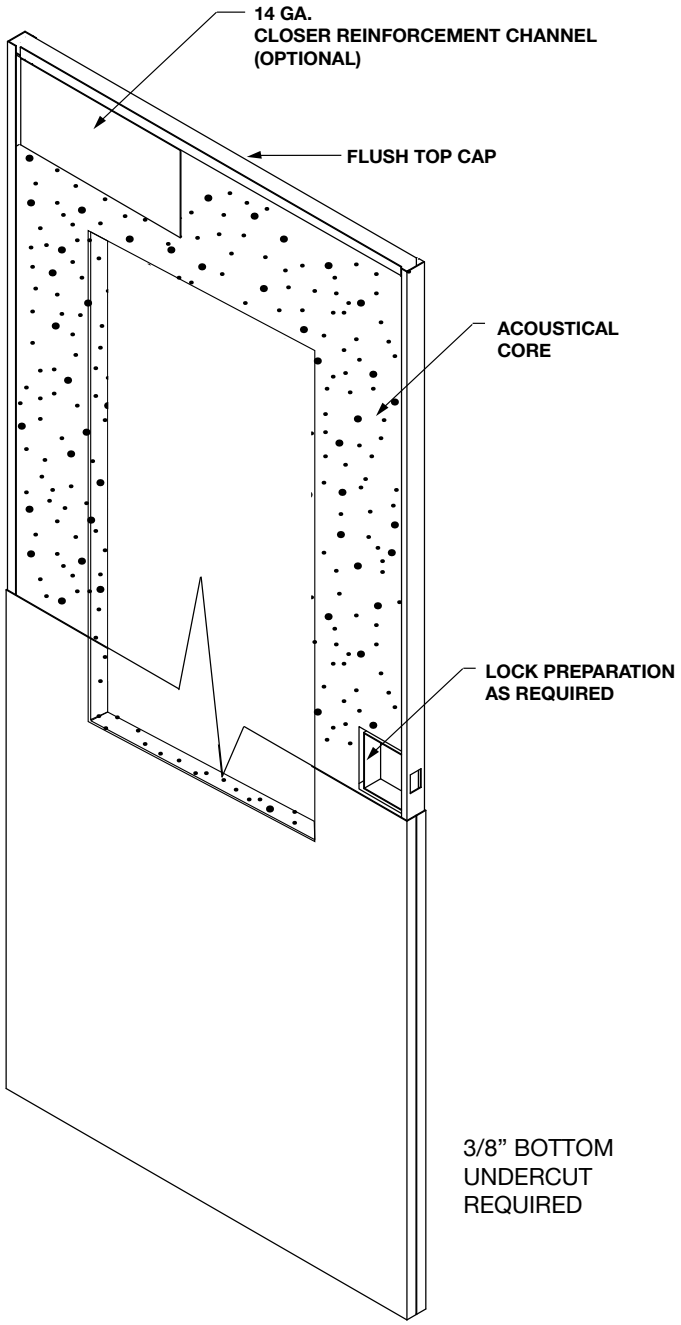
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 42) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 42 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

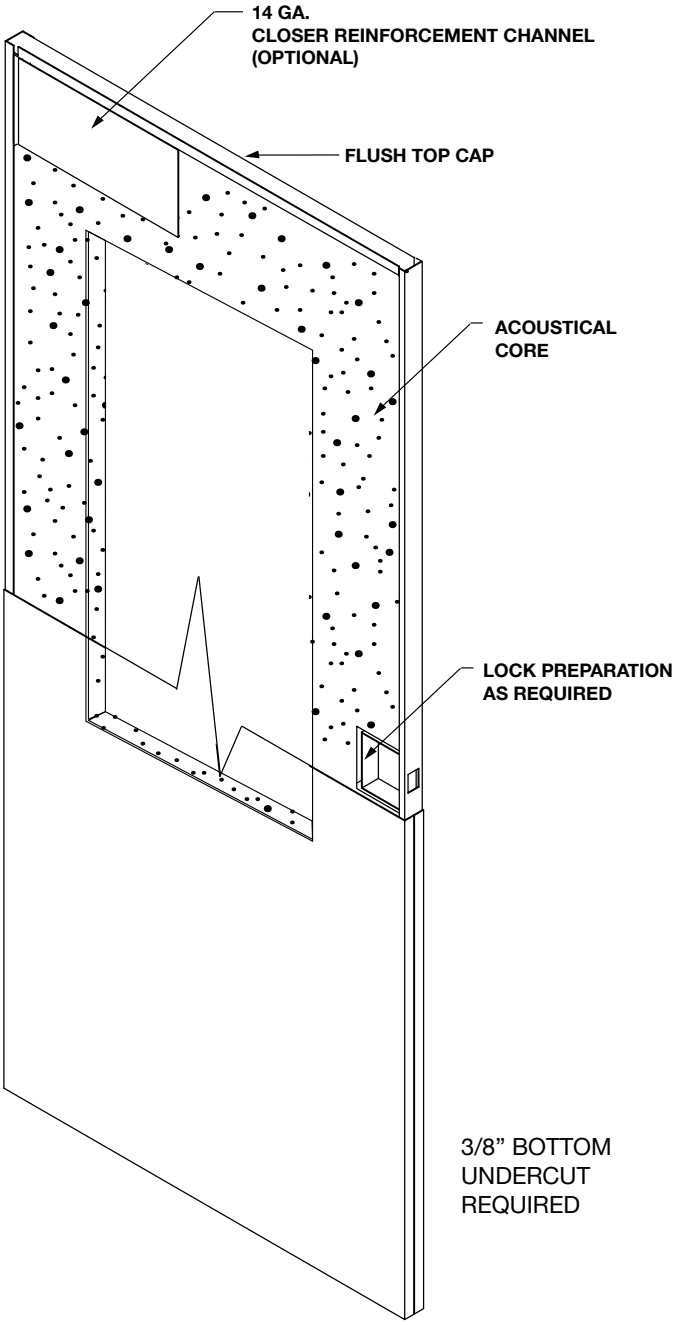
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 43) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 43 WITH CYLINDRICAL OR MORTISE LOCK AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

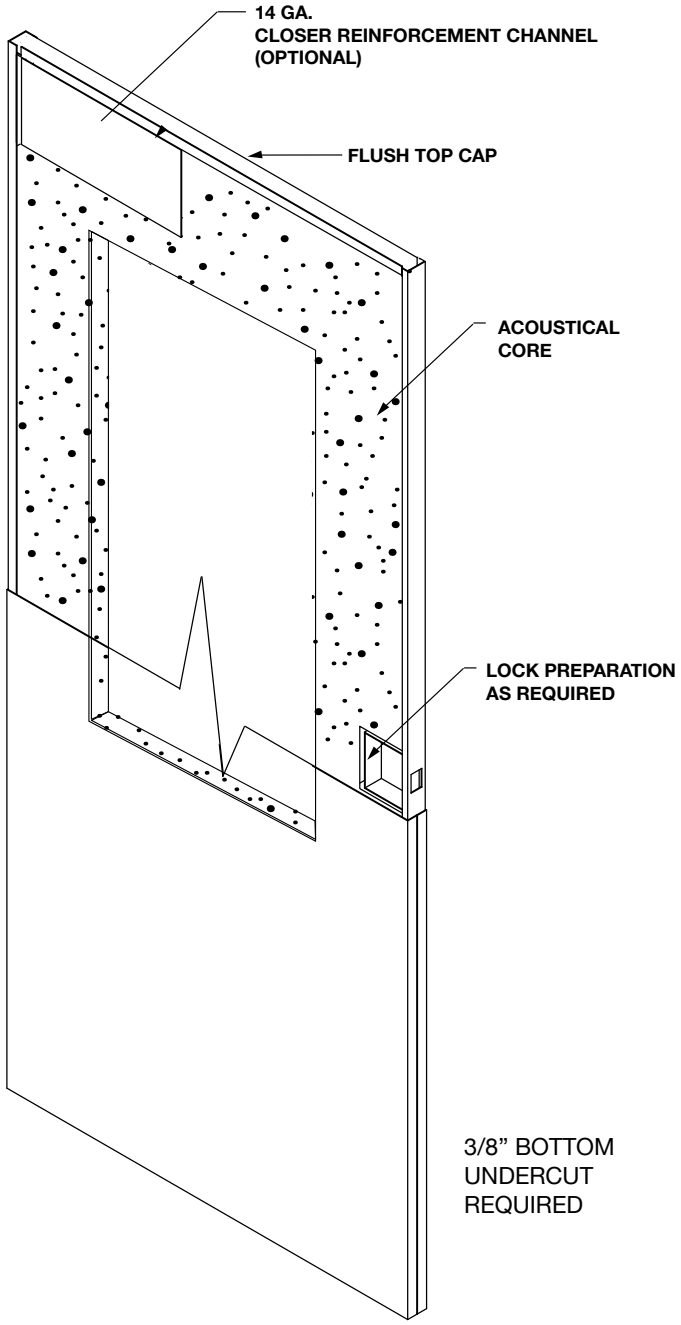
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 44) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 44 WITH CYLINDRICAL ONLY AND MAY INCUDE UP TO AND INCUDING A 3 HOUR FIRE RATING.

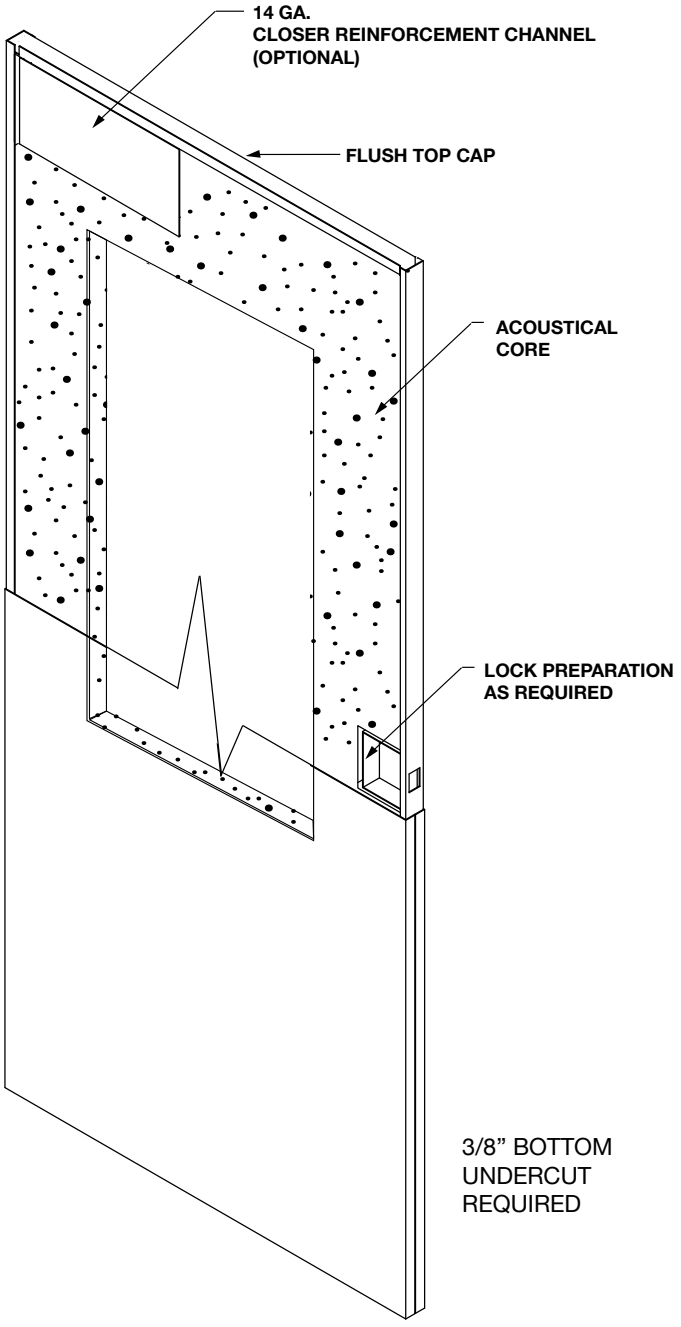
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



STC 32-44 GLAZED
757 (STC 32) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

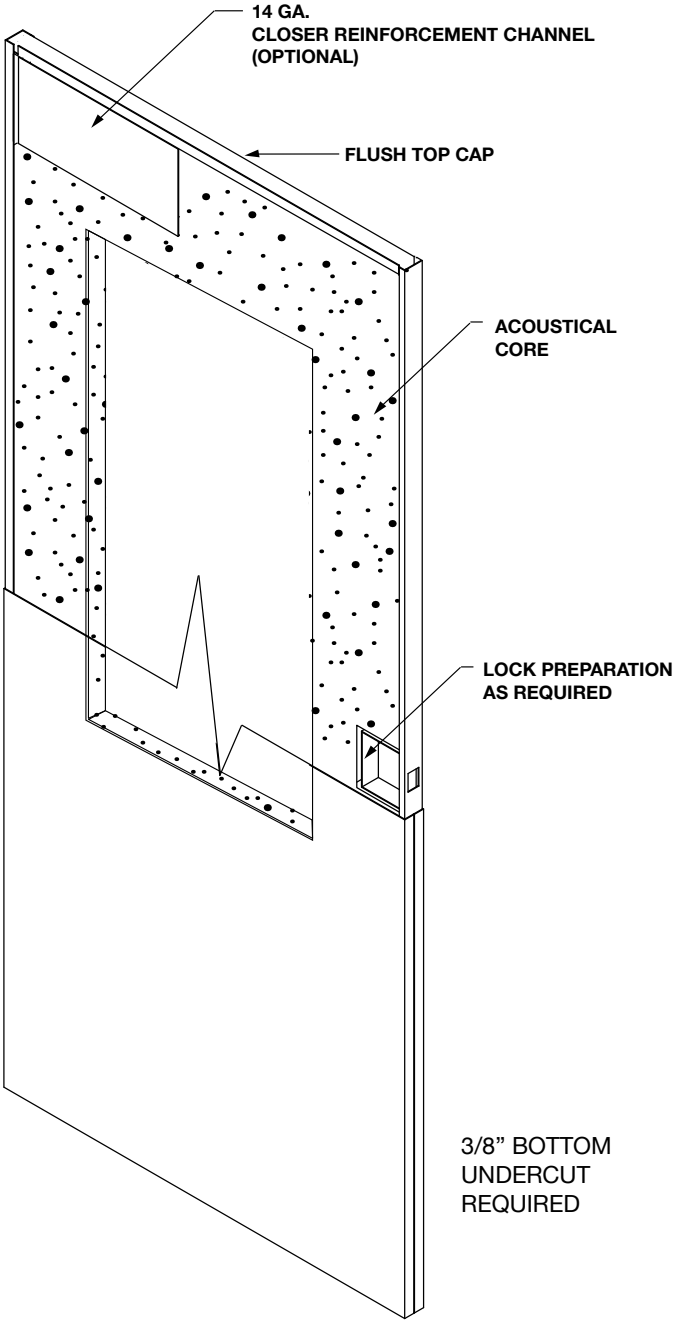
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 33) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

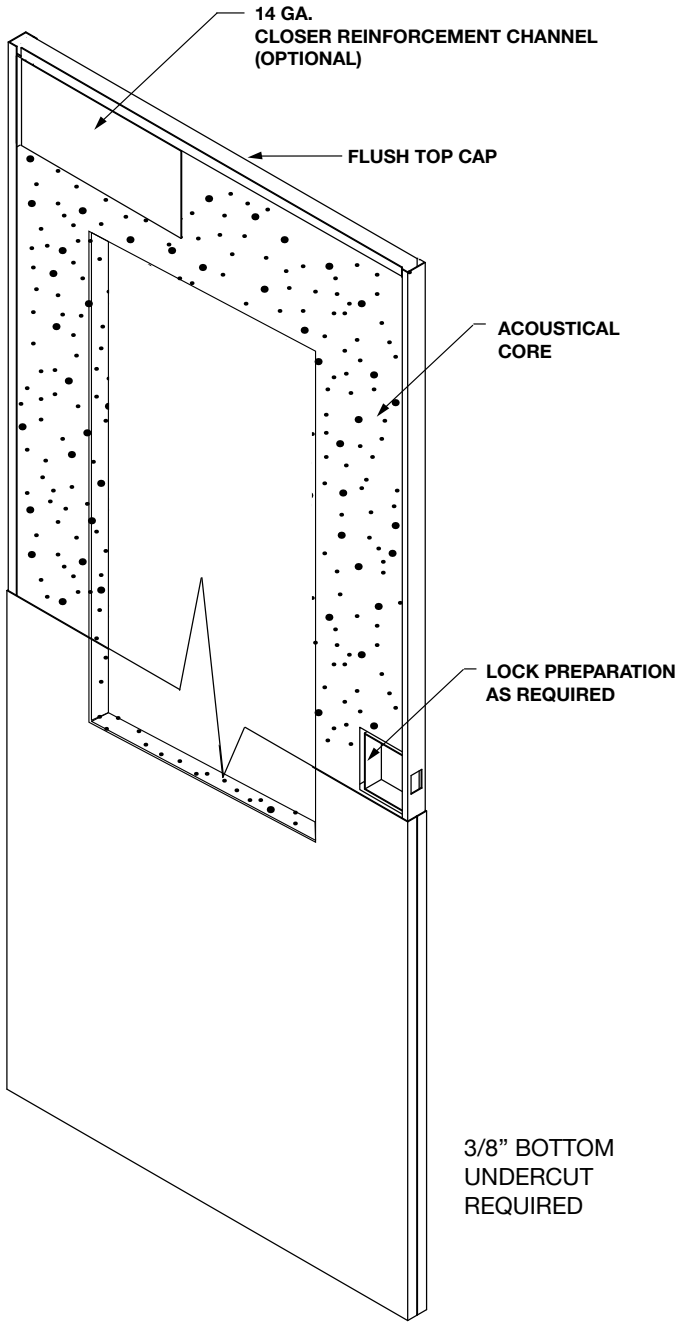
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



3/8" BOTTOM UNDERCUT REQUIRED

757 (STC 34) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

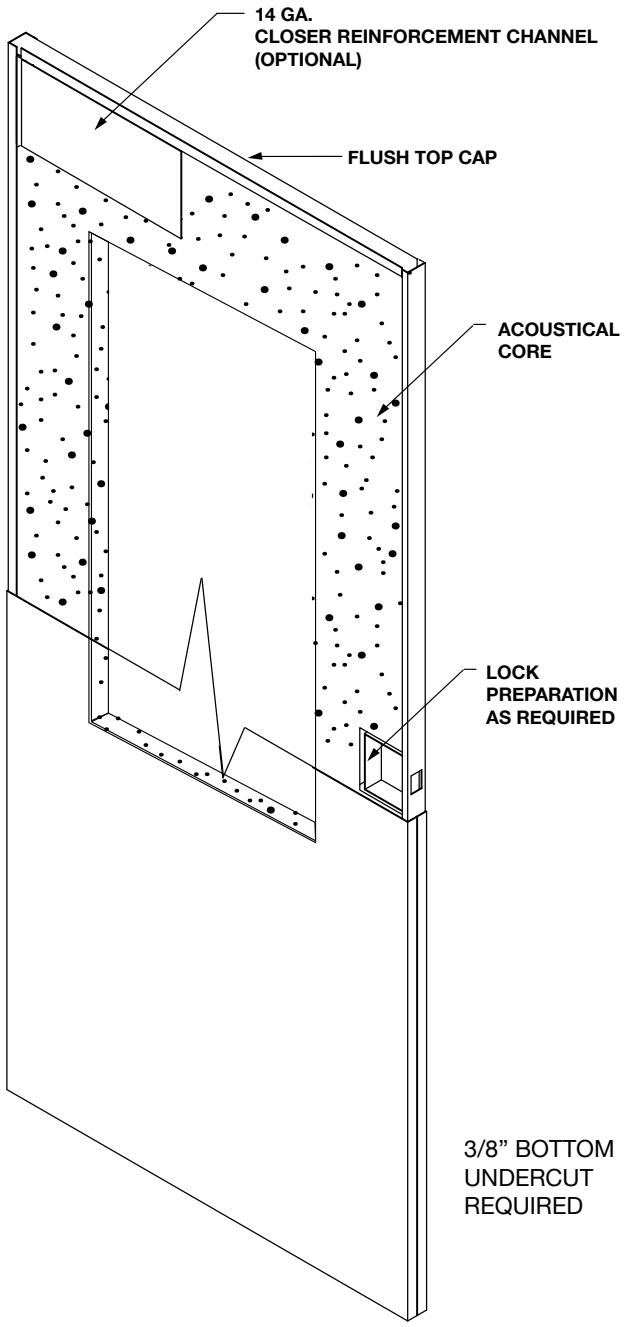
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 35) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

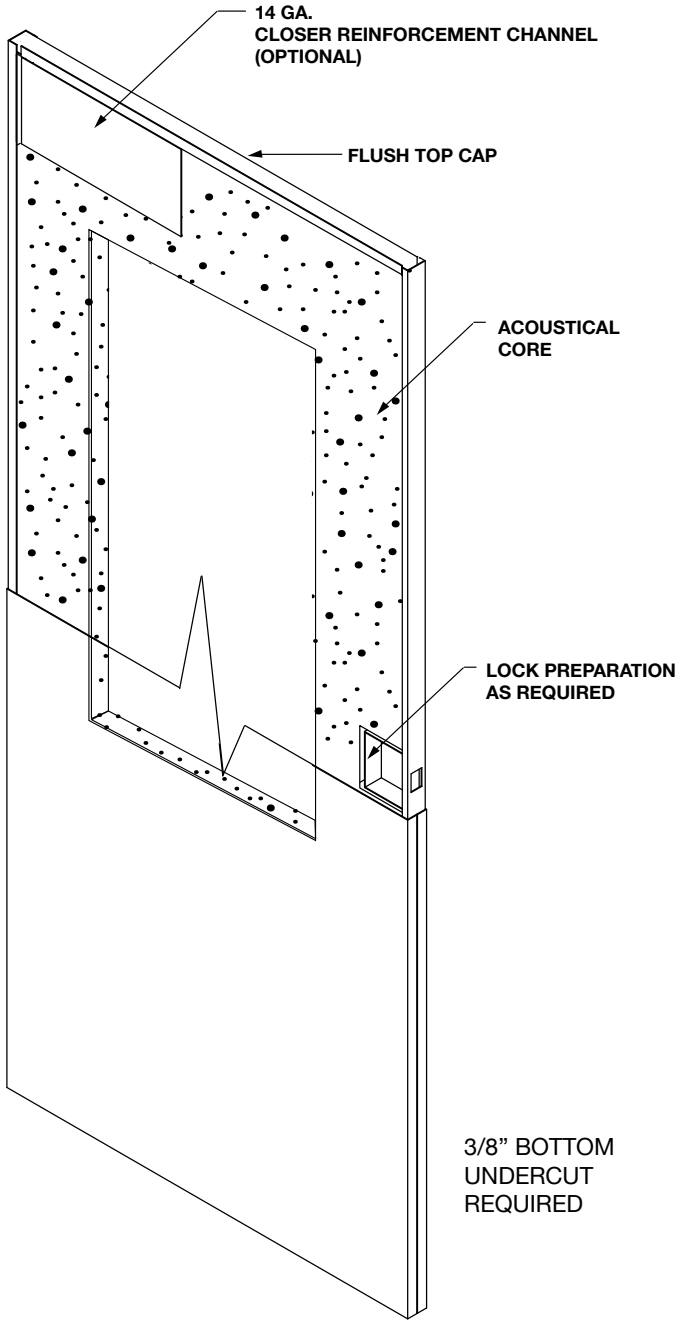
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 36) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
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HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

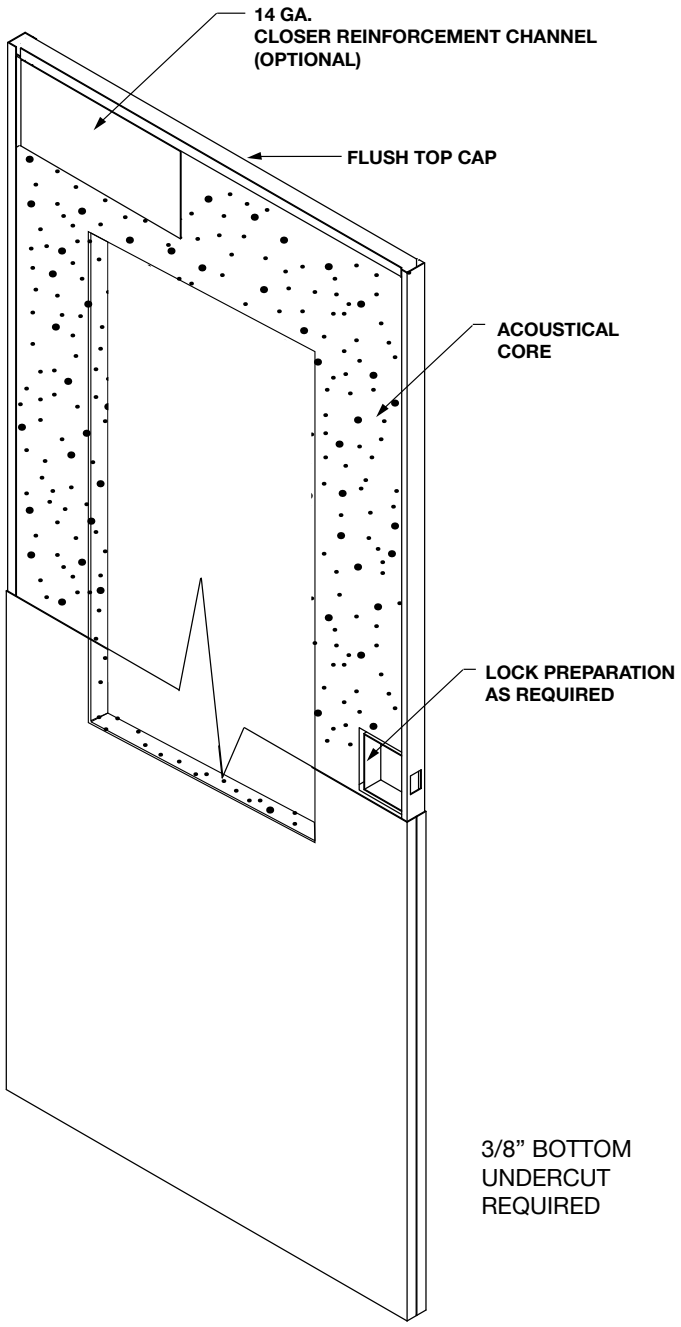
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 37) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
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8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

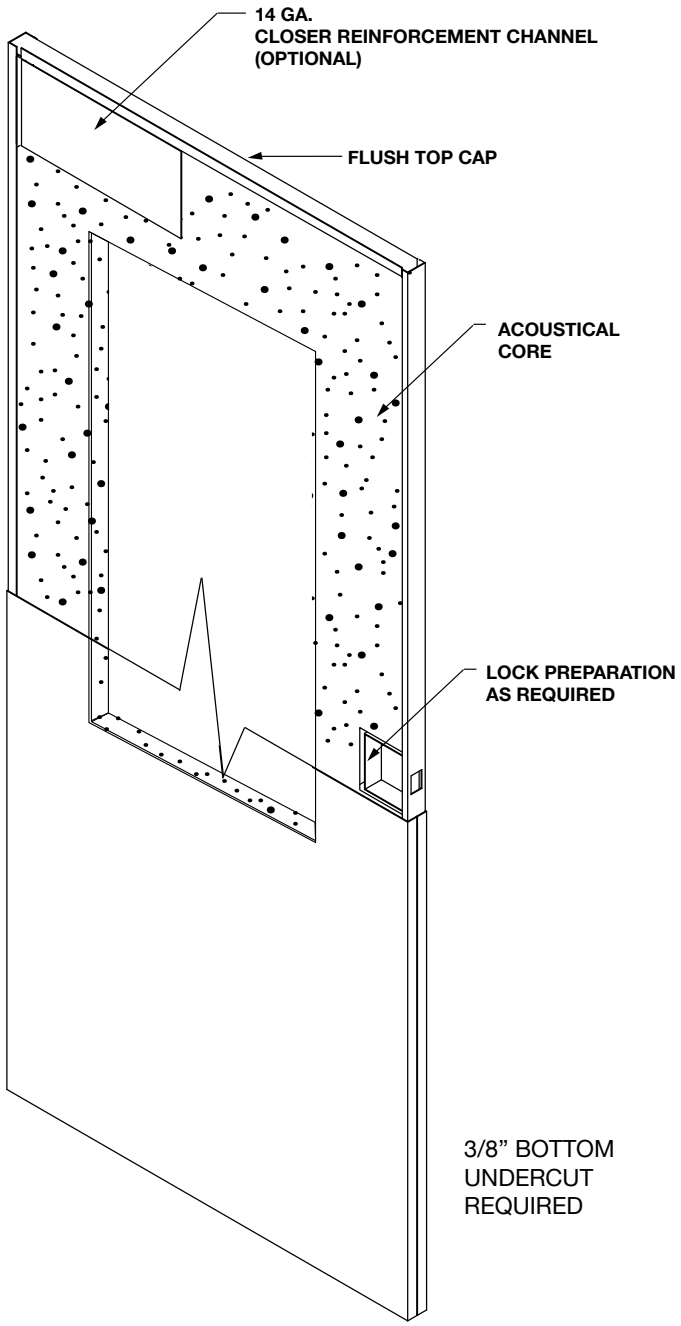
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 38) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

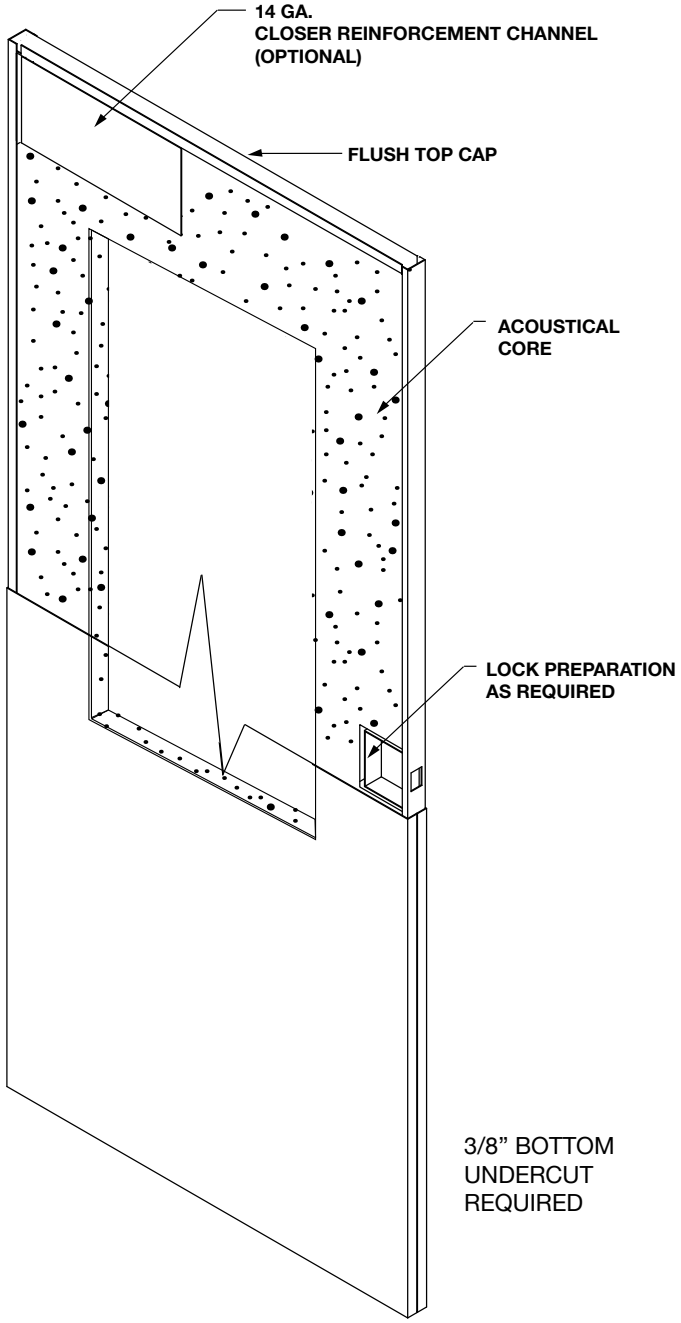
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 39) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

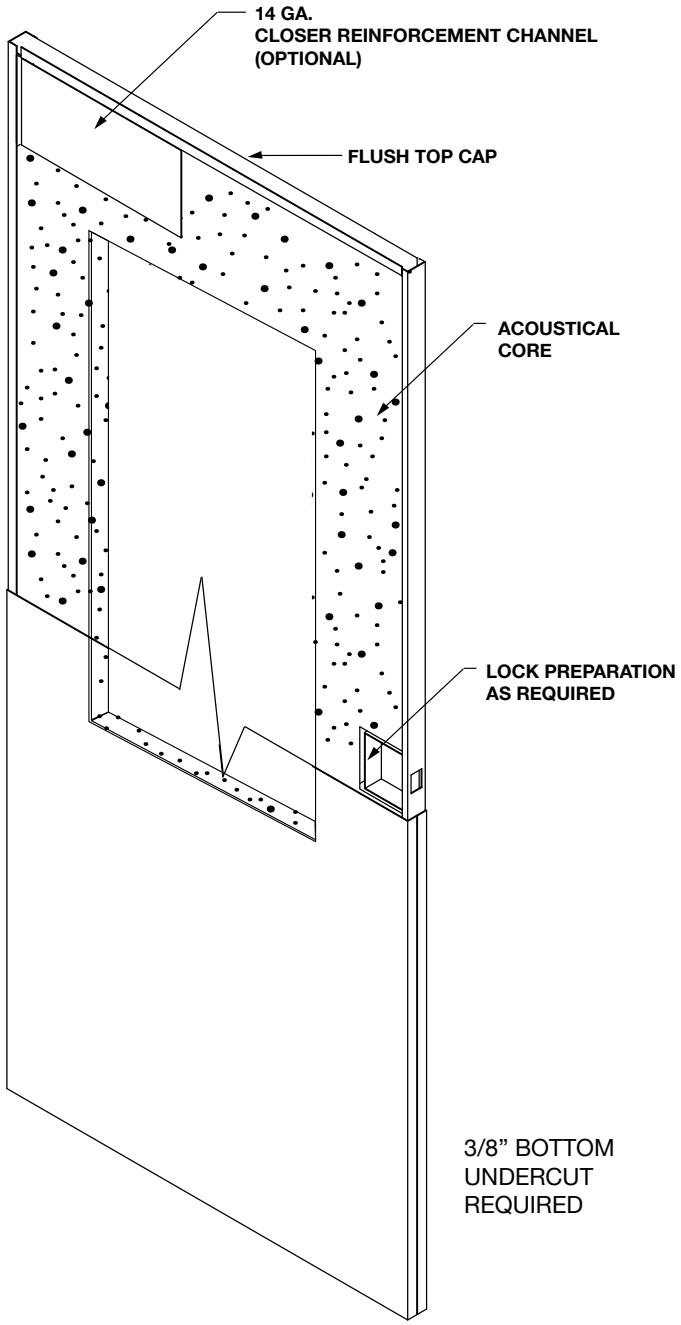
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 40) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

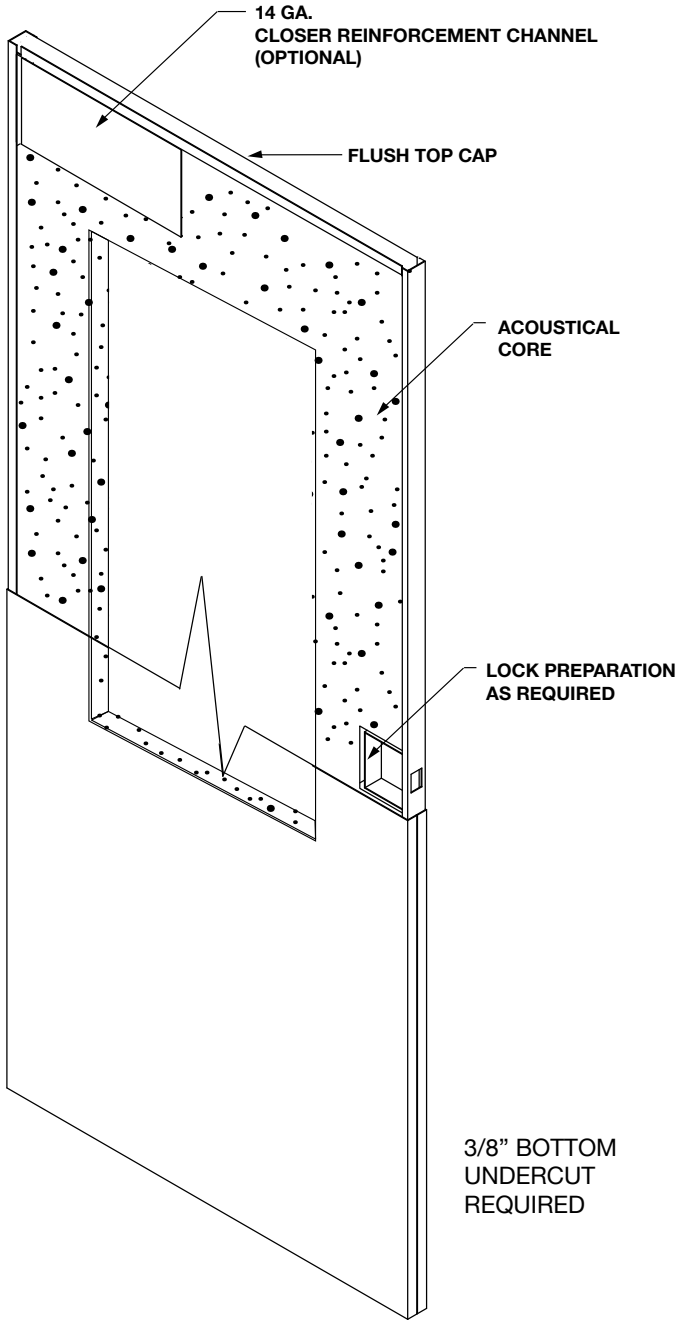
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 41) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

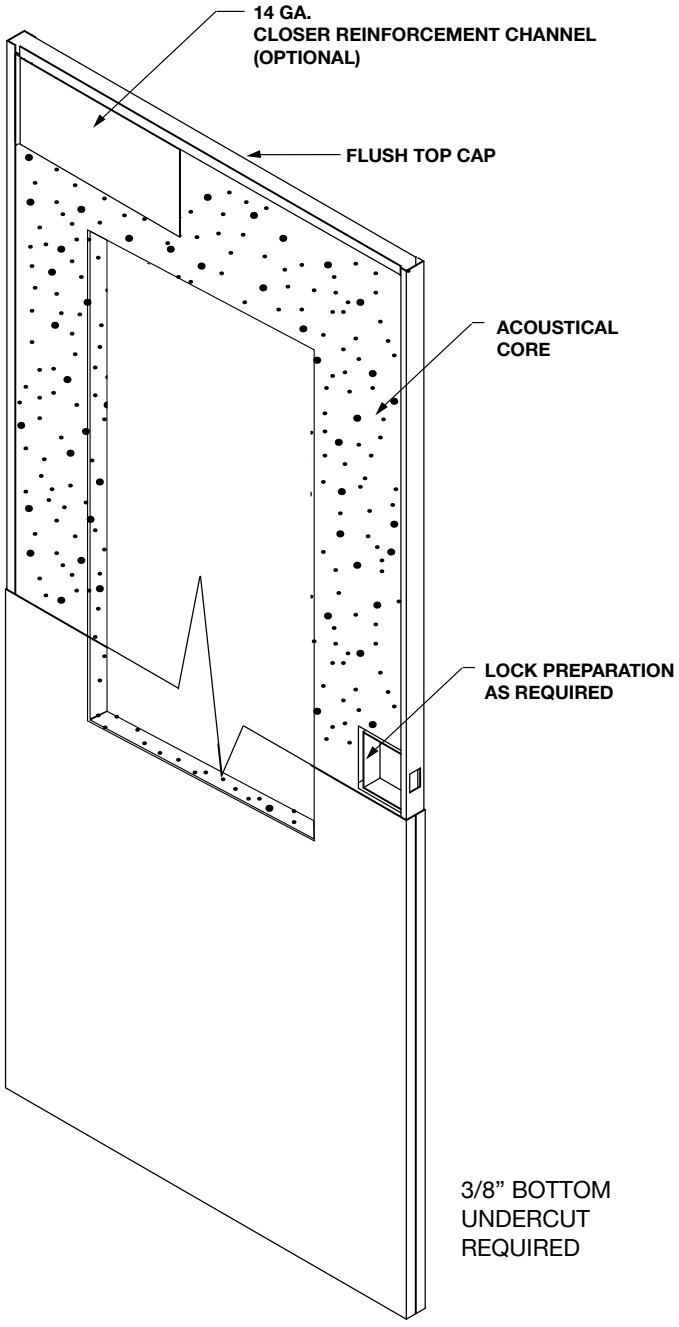
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 42) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

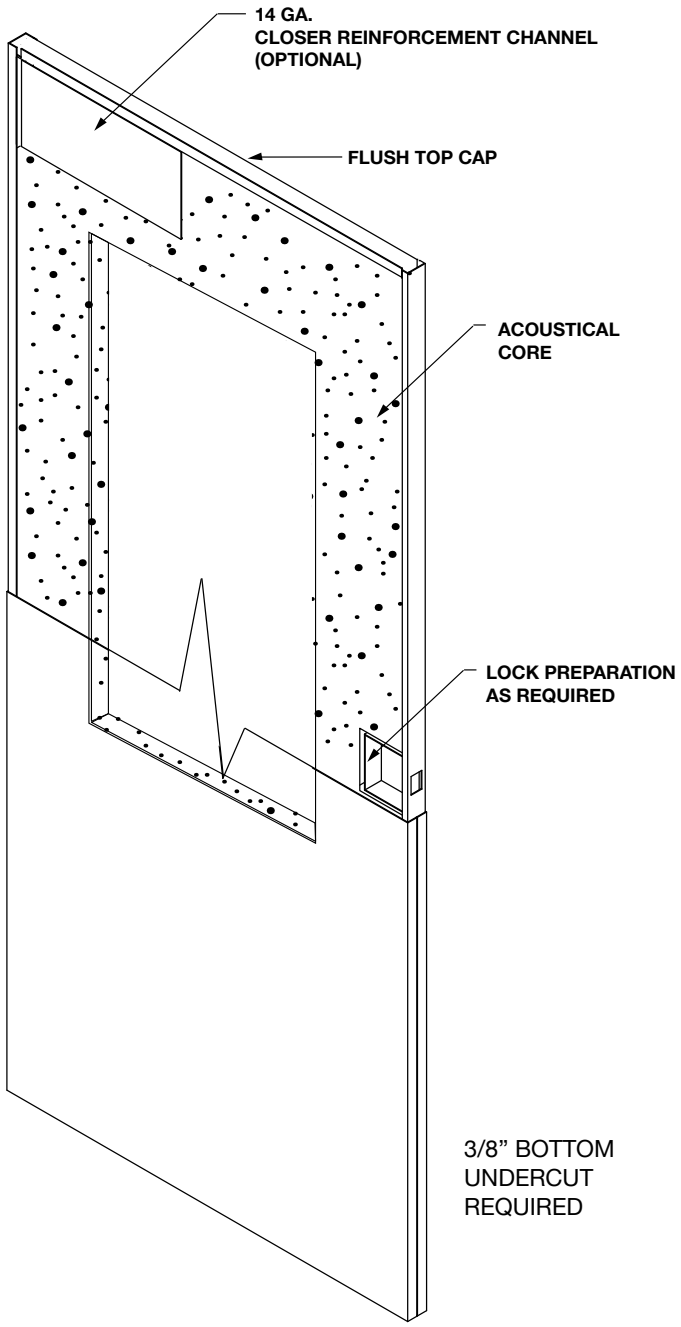
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 43) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

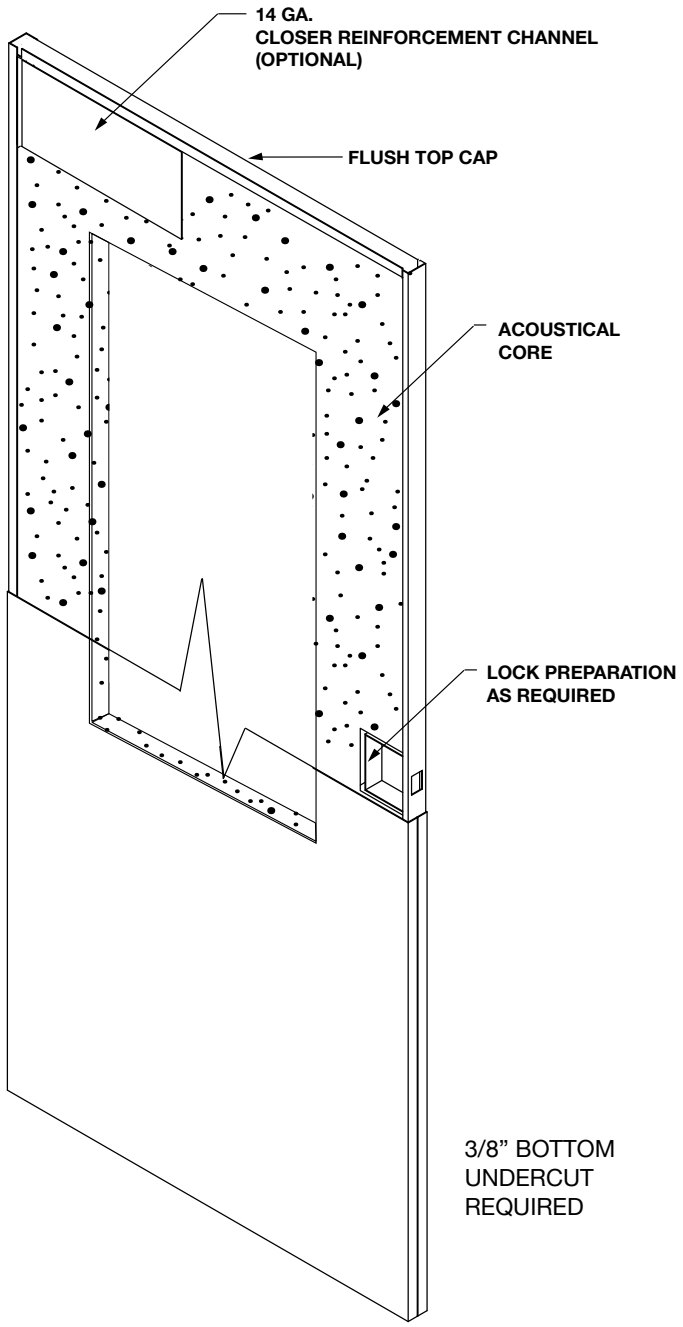
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 44) ACOUSTICAL DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

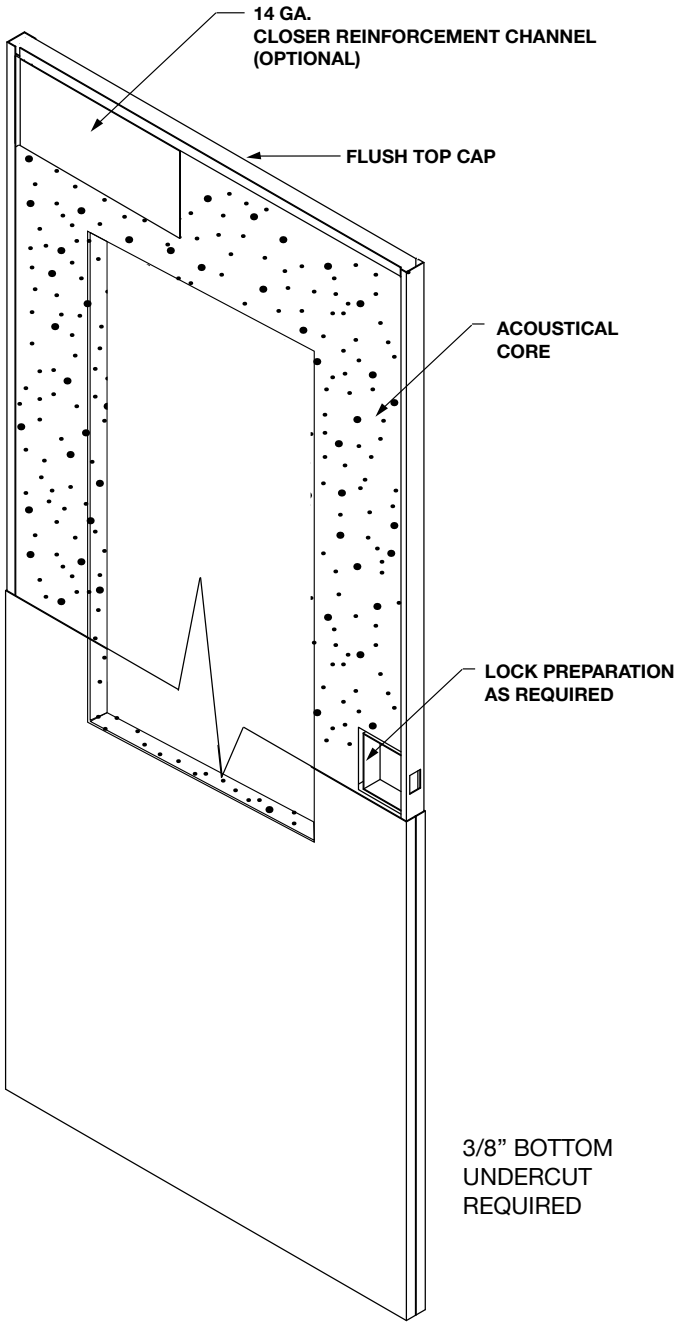
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (UP TO STC 41) MODEL AS41C ACOUSTICAL DOOR CONSTRUCTION

757 DOOR OPTIONS:

- PAIRS AVAILABLE - POTENTIAL SOUND LOSS = 5 STC POINTS.
- GLASS AVAILABLE - POTENTIAL SOUND LOSS = 2 STC POINTS UP TO 300 SQUARE INCHES LARGER GLASS MAY RESULT IN ADDITIONAL SOUND LOSS.
- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

STANDARDS COMPLIANCE:

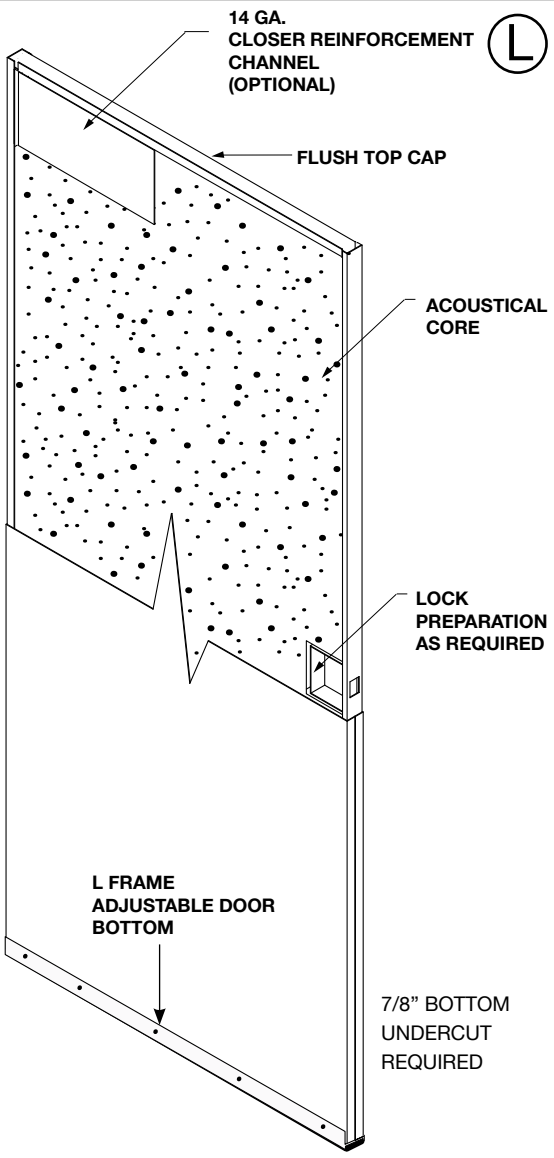
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *AN ALUMINUM THRESHOLD IS INCLUDED. THRESHOLD MUST PROTRUDE 1 1/2" INCHES PAST THE FACE OF THE FRAME ON THE PULL SIDE OF THE DOOR TO ALLOW THE EDPM RUBBER SECTION OF THE DOOR BOTTOM TO SEAT PROPERLY DURING NORMAL OPERATION OF THE GRAVITY GLIDE CAM-LIFT HINGES.*
2. *DOOR BOTTOM REQUIRES A FLUSH LEVEL SEALING SURFACE. THRESHOLD TO BE GROUTED SOLID.*
3. *ASSEMBLY EQUIPPED WITH METAL ACOUSTICAL DOOR, FRAME, SEALS DOOR BOTTOM, THRESHOLD, GRAVITY GLIDE CAM-LIFT HINGES.*
4. *1-3/4" THICK DOORS. DOOR WEIGHT IS 8.4 POUNDS PER SQUARE FOOT. FRAME MUST BE SECURELY TIED TO THE FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.*
6. *DOORS ARE FORMED OF NO LESS THAN 16 GAUGE STEEL CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
7. *FRAMES ARE FORMED OF NO LESS THAN 14 GAUGE STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
8. *FRAMES MUST BE FULLY GROUTED.*
9. *INDUSTRY STANDARD CONSTRUCTION TOLERANCES FOR SQUARNESS OF FRAME INSTALLATION, PLUMBNESS OF WALLS, FLATNESS OF FLOORS, ETC. MAY RESULT IN A DIFFERENCE OF 3DB-5DB SOUND LOSS IN A FIELD TEST VS. LAB RESULTS.*
10. *STC LABEL APPLIED TO DOOR ONLY.*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

DOORS TESTED = 3070, 16 GAUGE, FLUSH SINGLE
FRAMES TESTED = 3070, 14 GAUGE, WELDED, GROUTED

FIRE RATING:
NON-RATED ONLY
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE
FACE TYPES:
SEE DOOR OPTIONS BELOW



SINGLE SEAL SET RCG:*

PERIMETER:
EPDM COMPRESSION SEALPEMKO S44 (2)

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM1/2"FLAT UNFLUTED THRESHOLD

**(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)*

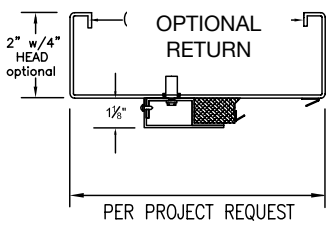
PAIR: SEAL SET RCGP:*

PERIMETER:
EPDM COMPRESSION SEAL PEMKO S44 (2)

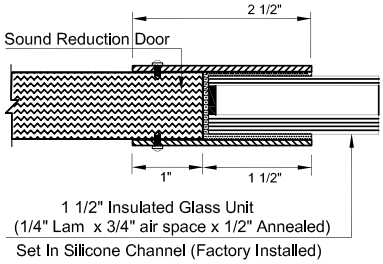
MEETING EDGES:
PEMKO S44 (2)OPTIONAL EPDM ASTRAGAL

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM1/2"FLAT UNFLUTED THRESHOLD

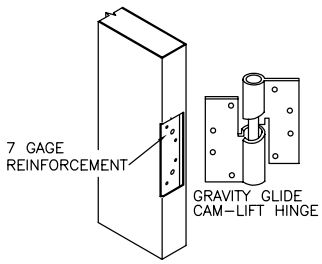
ADJ FRAME PROFILE



OPTIONAL GLAZING



GRAVITY-GLIDE CAM-LIFT HINGE



757 (STC42-46) MODEL AS46C ACOUSTICAL DOOR CONSTRUCTION

757 DOOR OPTIONS:

- PAIRS AVAILABLE - POTENTIAL SOUND LOSS = 5 STC POINTS.
- GLASS AVAILABLE - POTENTIAL SOUND LOSS = 2 STC POINTS UP TO 300 SQUARE INCHES LARGER GLASS MAY RESULT IN ADDITIONAL SOUND LOSS.
- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

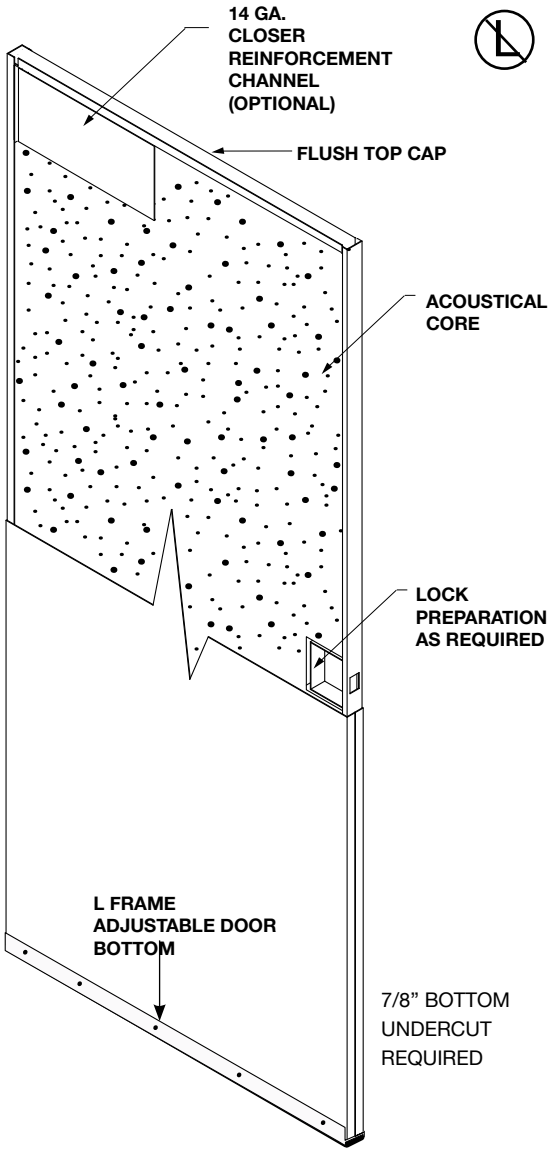
STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *AN ALUMINUM THRESHOLD IS INCLUDED. THRESHOLD MUST PROTRUDE 1 1/2" INCHES PAST THE FACE OF THE FRAME ON THE PULL SIDE OF THE DOOR TO ALLOW THE EDPM RUBBER SECTION OF THE DOOR BOTTOM TO SEAT PROPERLY DURING NORMAL OPERATION OF THE GRAVITY GLIDE CAM-LIFT HINGES.*
2. *DOOR BOTTOM REQUIRES A FLUSH LEVEL SEALING SURFACE. THRESHOLD TO BE GROUTED SOLID.*
3. *ASSEMBLY EQUIPPED WITH METAL ACOUSTICAL DOOR, FRAME, `SEALS DOOR BOTTOM, THRESHOLD, GRAVITY GLIDE CAM-LIFT HINGES.*
4. *1-3/4" THICK DOORS. DOOR WEIGHT IS 8.4 POUNDS PER SQUARE FOOT. FRAME MUST BE SECURELY TIED TO THE FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.*
6. *DOORS ARE FORMED OF NO LESS THAN 16 GAUGE STEEL CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
7. *FRAMES ARE FORMED OF NO LESS THAN 14 GAUGE STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
8. *FRAMES MUST BE FULLY GROUTED.*
9. *INDUSTRY STANDARD CONSTRUCTION TOLERANCES FOR SQUARNESS OF FRAME INSTALLATION, PLUMBNESS OF WALLS, FLATNESS OF FLOORS, ETC. MAY RESULT IN A DIFFERENCE OF 3DB-5DB SOUND LOSS IN A FIELD TEST VS. LAB RESULTS.*
10. *STC LABEL APPLIED TO DOOR ONLY.*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

DOORS TESTED = 3070, 16 GAUGE, FLUSH SINGLE
FRAMES TESTED = 3070, 14 GAUGE, WELDED, GROUTED

FIRE RATING:
NON-RATED ONLY
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE
FACE TYPES:
SEE DOOR OPTIONS BELOW



SINGLE SEAL SET RCG:*
PERIMETER:
EPDM COMPRESSION SEALPEMKO S44 (2)

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM
1/2"FLAT UNFLUTED THRESHOLD

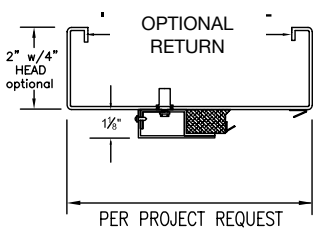
**(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)*

PAIR: SEAL SET RCGP:*
PERIMETER:
EPDM COMPRESSION SEAL PEMKO S44 (2)

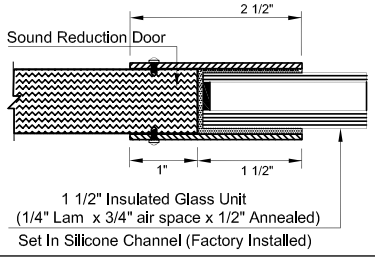
MEETING EDGES:
PEMKO S44 (2)
OPTIONAL EPDM ASTRAGAL

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM
1/2"FLAT UNFLUTED THRESHOLD

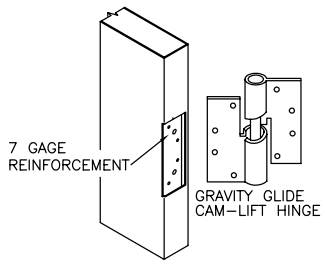
ADJ FRAME PROFILE



OPTIONAL GLAZING



GRAVITY-GLIDE CAM-LIFT HINGE



757 (STC47-49) MODEL AS49C ACOUSTICAL DOOR CONSTRUCTION

757 DOOR OPTIONS:

- PAIRS AVAILABLE - POTENTIAL SOUND LOSS = 5 STC POINTS.
- GLASS AVAILABLE - POTENTIAL SOUND LOSS = 2 STC POINTS UP TO 300 SQUARE INCHES LARGER GLASS MAY RESULT IN ADDITIONAL SOUND LOSS.
- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *AN ALUMINUM THRESHOLD IS INCLUDED. THRESHOLD MUST PROTRUDE 1 1/2" INCHES PAST THE FACE OF THE FRAME ON THE PULL SIDE OF THE DOOR TO ALLOW THE EDPM RUBBER SECTION OF THE DOOR BOTTOM TO SEAT PROPERLY DURING NORMAL OPERATION OF THE GRAVITY GLIDE CAM-LIFT HINGES.*
2. *DOOR BOTTOM REQUIRES A FLUSH LEVEL SEALING SURFACE. THRESHOLD TO BE GROUTED SOLID.*
3. *ASSEMBLY EQUIPPED WITH METAL ACOUSTICAL DOOR, FRAME, SEALS DOOR BOTTOM, THRESHOLD, GRAVITY GLIDE CAM-LIFT HINGES.*
4. *1-3/4" THICK DOORS. DOOR WEIGHT IS 8.4 POUNDS PER SQUARE FOOT. FRAME MUST BE SECURELY TIED TO THE FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.*
6. *DOORS ARE FORMED OF NO LESS THAN 16 GAUGE STEEL CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
7. *FRAMES ARE FORMED OF NO LESS THAN 14 GAUGE STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
8. *FRAMES MUST BE FULLY GROUTED.*
9. *INDUSTRY STANDARD CONSTRUCTION TOLERANCES FOR SQUARNESS OF FRAME INSTALLATION, PLUMBNESS OF WALLS, FLATNESS OF FLOORS, ETC. MAY RESULT IN A DIFFERENCE OF 3DB-5DB SOUND LOSS IN A FIELD TEST VS. LAB RESULTS.*
10. *STC LABEL APPLIED TO DOOR ONLY.*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

DOORS TESTED = 3070, 16 GAUGE, FLUSH SINGLE
FRAMES TESTED = 3070, 14 GAUGE, WELDED, GROUTED
FIRE RATING:

NON-RATED ONLY
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE
FACE TYPES:
SEE DOOR OPTIONS BELOW

SINGLE SEAL SET RCG:*
PERIMETER:
EPDM COMPRESSION SEALPEMKO S44 (2)

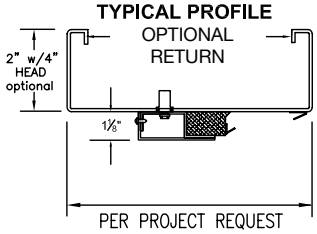
BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD
**(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)*

PAIR: SEAL SET RCGP:*
PERIMETER:
EPDM COMPRESSION SEAL PEMKO S44 (2)

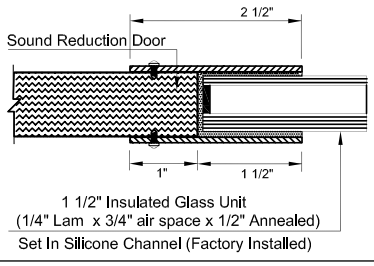
MEETING EDGES:
PEMKO S44 (2)
OPTIONAL EPDM ASTRAGAL

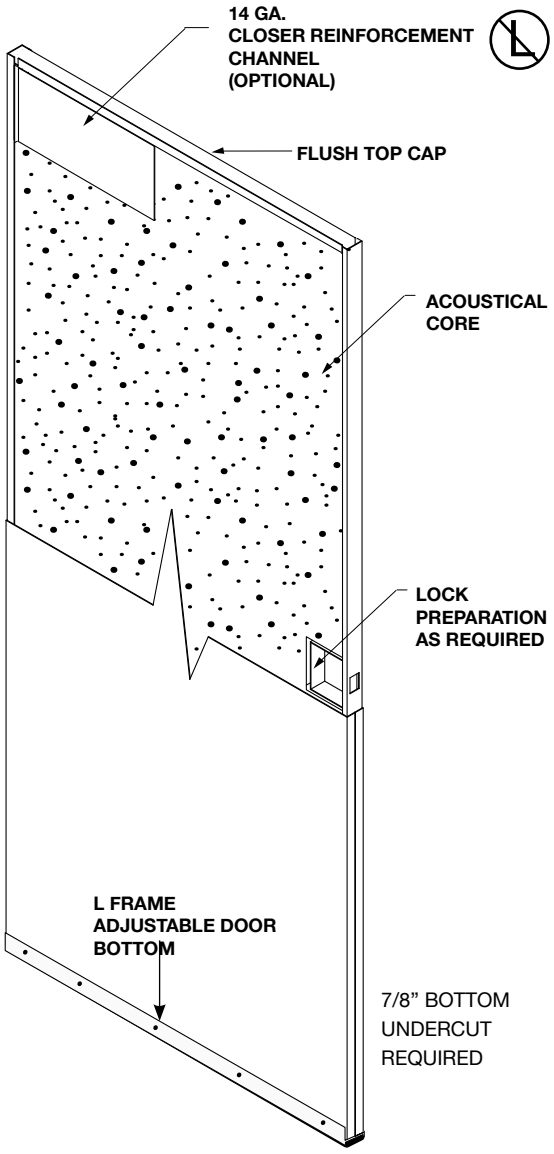
BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD

ADJ FRAME PROFILE

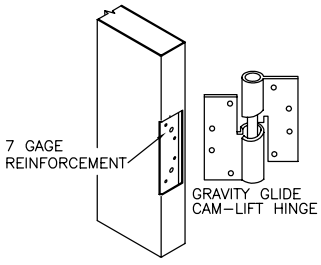


OPTIONAL GLAZING





GRAVITY-GLIDE CAM-LIFT HINGE



757 (STC50-52) MODEL AS52C ACOUSTICAL DOOR CONSTRUCTION

757 DOOR OPTIONS:

- PAIRS AVAILABLE - POTENTIAL SOUND LOSS = 5 STC POINTS.
- GLASS AVAILABLE - POTENTIAL SOUND LOSS = 2 STC POINTS UP TO 300 SQUARE INCHES LARGER GLASS MAY RESULT IN ADDITIONAL SOUND LOSS.
- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *AN ALUMINUM THRESHOLD IS INCLUDED. THRESHOLD MUST PROTRUDE 1 1/2" INCHES PAST THE FACE OF THE FRAME ON THE PULL SIDE OF THE DOOR TO ALLOW THE EDPM RUBBER SECTION OF THE DOOR BOTTOM TO SEAT PROPERLY DURING NORMAL OPERATION OF THE GRAVITY GLIDE CAM-LIFT HINGES.*
2. *DOOR BOTTOM REQUIRES A FLUSH LEVEL SEALING SURFACE. THRESHOLD TO BE GROUTED SOLID.*
3. *ASSEMBLY EQUIPPED WITH METAL ACOUSTICAL DOOR, FRAME, SEALS DOOR BOTTOM, THRESHOLD, GRAVITY GLIDE CAM-LIFT HINGES.*
4. *1-3/4" THICK DOORS. DOOR WEIGHT IS 8.4 POUNDS PER SQUARE FOOT. FRAME MUST BE SECURELY TIED TO THE FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.*
6. *DOORS ARE FORMED OF NO LESS THAN 16 GAUGE STEEL CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
7. *FRAMES ARE FORMED OF NO LESS THAN 14 GAUGE STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
8. *FRAMES MUST BE FULLY GROUTED.*
9. *INDUSTRY STANDARD CONSTRUCTION TOLERANCES FOR SQUARNESS OF FRAME INSTALLATION, PLUMBNESS OF WALLS, FLATNESS OF FLOORS, ETC. MAY RESULT IN A DIFFERENCE OF 3DB-5DB SOUND LOSS IN A FIELD TEST VS. LAB RESULTS.*
10. *STC LABEL APPLIED TO DOOR ONLY.*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

DOORS TESTED = 3070, 16 GAUGE, FLUSH SINGLE
FRAMES TESTED = 3070, 14 GAUGE, WELDED, GROUTED

FIRE RATING:
NON-RATED ONLY
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE
FACE TYPES:
SEE DOOR OPTIONS BELOW

SINGLE SEAL SET RCG:*
PERIMETER:
EPDM COMPRESSION SEALPEMKO S44 (2)

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD

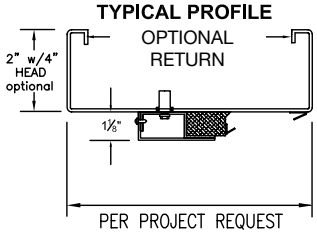
**(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)*

PAIR: SEAL SET RCGP:*
PERIMETER:
EPDM COMPRESSION SEAL PEMKO S44 (2)

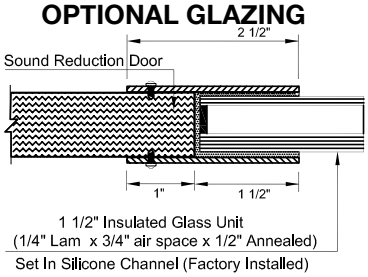
MEETING EDGES:
PEMKO S44 (2)
OPTIONAL EPDM ASTRAGAL

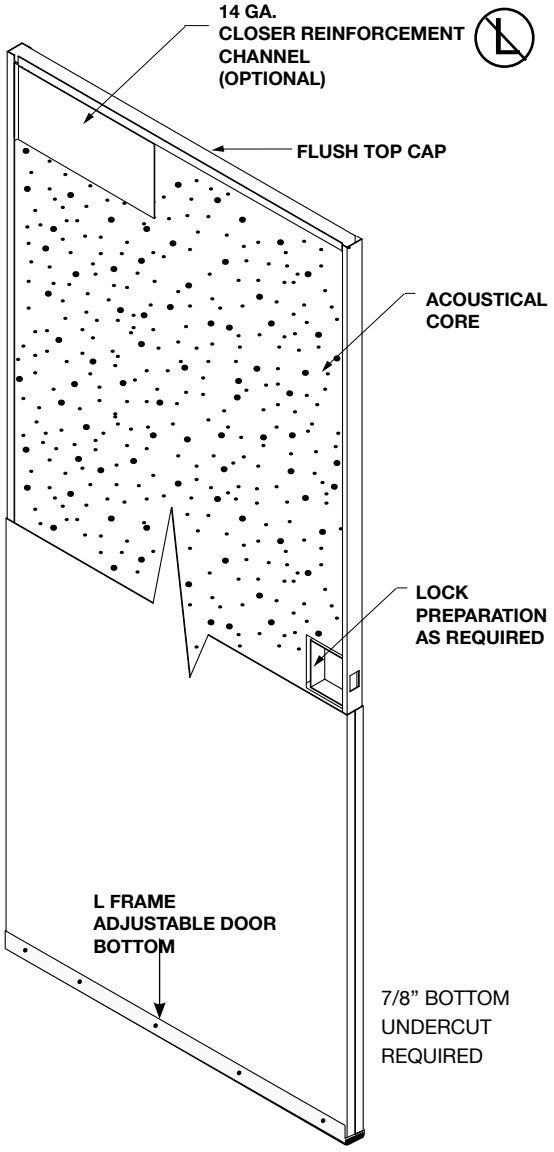
BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD

ADJ FRAME PROFILE
TYPICAL PROFILE

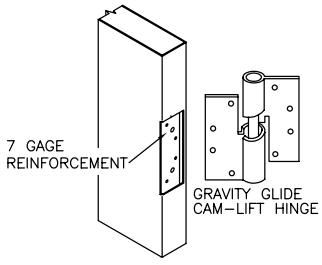


OPTIONAL GLAZING





GRAVITY-GLIDE CAM-LIFT HINGE



757 (STC53-54) MODEL AS54C ACOUSTICAL DOOR CONSTRUCTION

757 DOOR OPTIONS:

- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *AN ALUMINUM THRESHOLD IS INCLUDED. THRESHOLD MUST PROTRUDE 1 1/2" INCHES PAST THE FACE OF THE FRAME ON THE PULL SIDE OF THE DOOR TO ALLOW THE EDPM RUBBER SECTION OF THE DOOR BOTTOM TO SEAT PROPERLY DURING NORMAL OPERATION OF THE GRAVITY GLIDE CAM-LIFT HINGES.*
2. *DOOR BOTTOM REQUIRES A FLUSH LEVEL SEALING SURFACE. THRESHOLD TO BE GROUTED SOLID.*
3. *ASSEMBLY EQUIPPED WITH METAL ACOUSTICAL DOOR, FRAME, SEALS DOOR BOTTOM, THRESHOLD, GRAVITY GLIDE CAM-LIFT HINGES.*
4. *1-3/4" THICK DOORS. DOOR WEIGHT IS 8.4 POUNDS PER SQUARE FOOT. FRAME MUST BE SECURELY TIED TO THE FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.*
6. *DOORS ARE FORMED OF NO LESS THAN 16 GAUGE STEEL CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
7. *FRAMES ARE FORMED OF NO LESS THAN 14 GAUGE STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
8. *FRAMES MUST BE FULLY GROUTED.*
9. *INDUSTRY STANDARD CONSTRUCTION TOLERANCES FOR SQUARNESS OF FRAME INSTALLATION, PLUMBNESS OF WALLS, FLATNESS OF FLOORS, ETC. MAY RESULT IN A DIFFERENCE OF 3DB-5DB SOUND LOSS IN A FIELD TEST VS. LAB RESULTS.*
10. *STC LABEL APPLIED TO DOOR ONLY.*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

DOORS TESTED = 3070, 16 GAUGE, FLUSH SINGLE
FRAMES TESTED = 3070, 14 GAUGE, WELDED, GROUTED

FIRE RATING:
NON-RATED ONLY
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE
FACE TYPES:
SEE DOOR OPTIONS BELOW

SINGLE SEAL SET RCG:*
PERIMETER:
EPDM COMPRESSION SEALPEMKO S44 (2)

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD

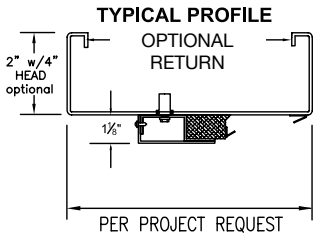
**(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)*

PAIR: SEAL SET RCGP:*
PERIMETER:
EPDM COMPRESSION SEAL PEMKO S44 (2)

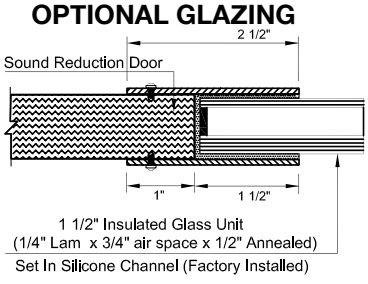
MEETING EDGES:
PEMKO S44 (2)
OPTIONAL EPDM ASTRAGAL

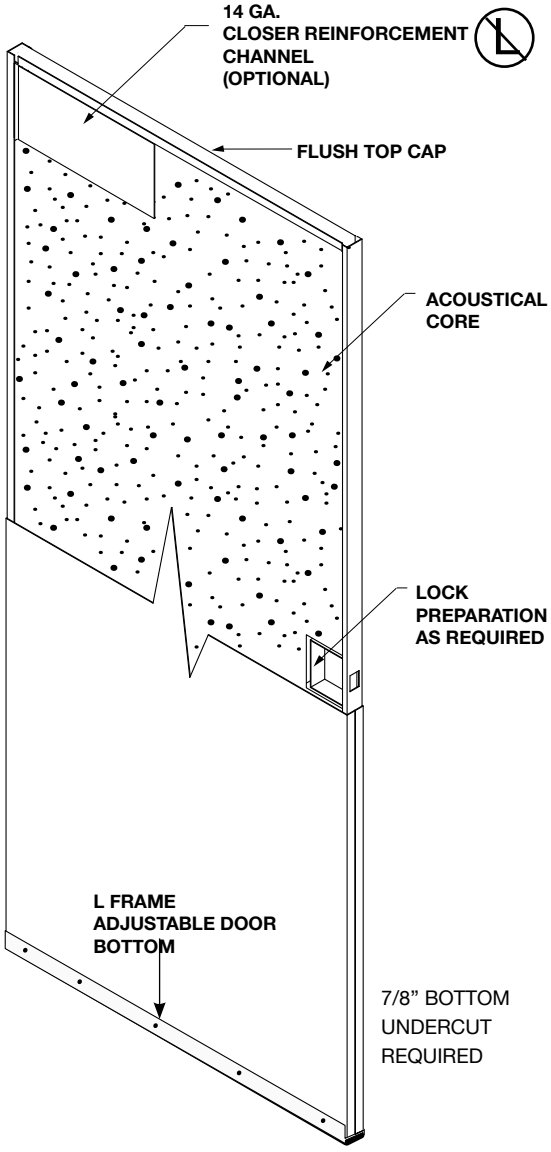
BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD

ADJ FRAME PROFILE

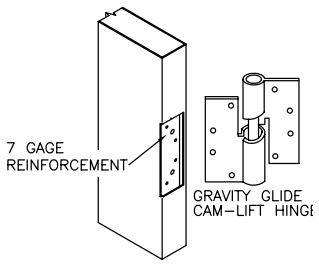


OPTIONAL GLAZING





GRAVITY-GLIDE CAM-LIFT HINGE



757+ (ST56-66) MODEL AS66C ACOUSTICAL DOOR CONSTRUCTION

757 DOOR OPTIONS:

- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *1-3/4" THICK DOORS*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *COMMUNICATING OPENING FRAME*
7. *CAMLIFT HINGES - INCLUDED*
8. *ELECTRIC RACEWAYS ARE ALLOWED*
9. *ALL SEALS, THRESHOLDS, & CAMLIFT HINGES INCLUDED*
10. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

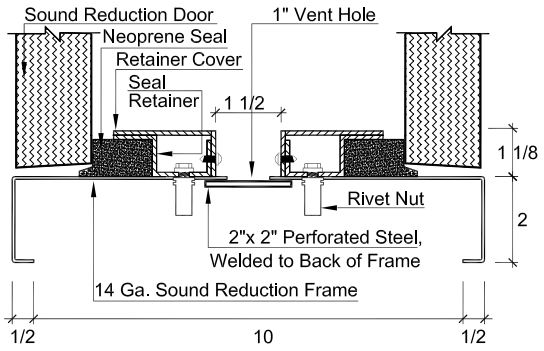
HARDWARE LIMITATIONS:
CYLINDRICAL ONLY OR UNIT LOCKS
3-3/4" BACKSET
3-1/2" MAXIMUM ROSE SIZE

FIRE RATING:
NON-RATED ONLY

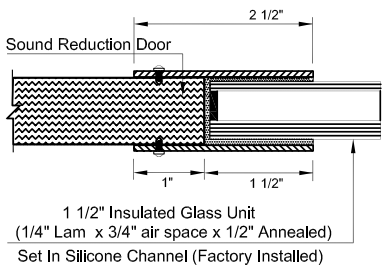
OPENING SIZES:
MAXIMUM SIZE 4'X8'

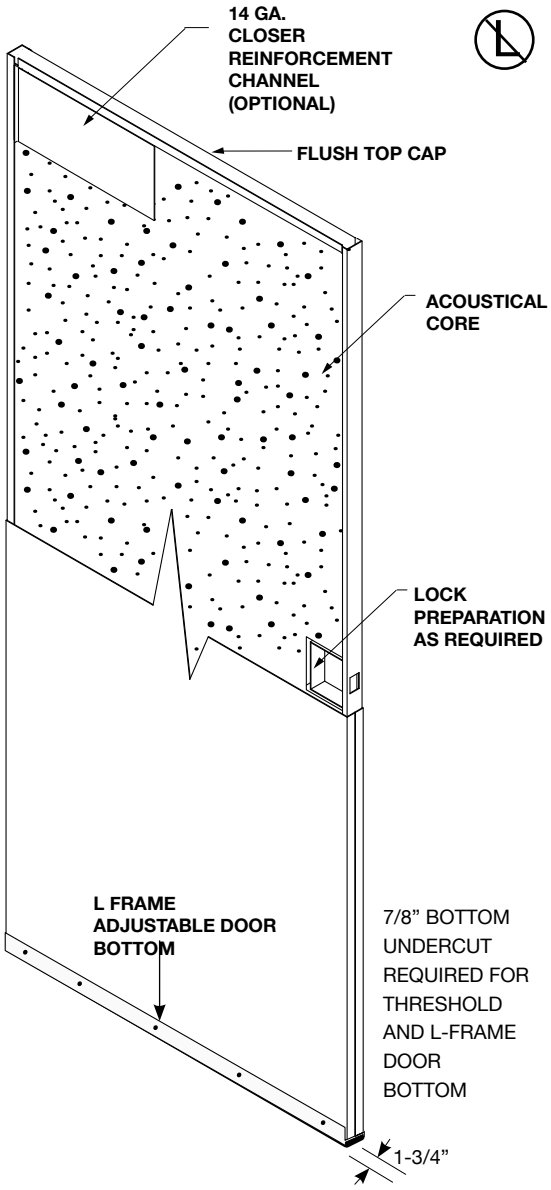
FACE TYPES:

SEAL SET:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

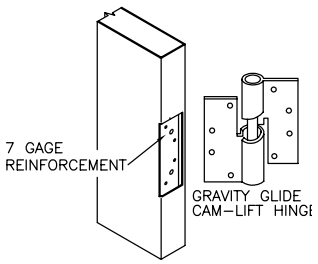


OPTIONAL GLAZING

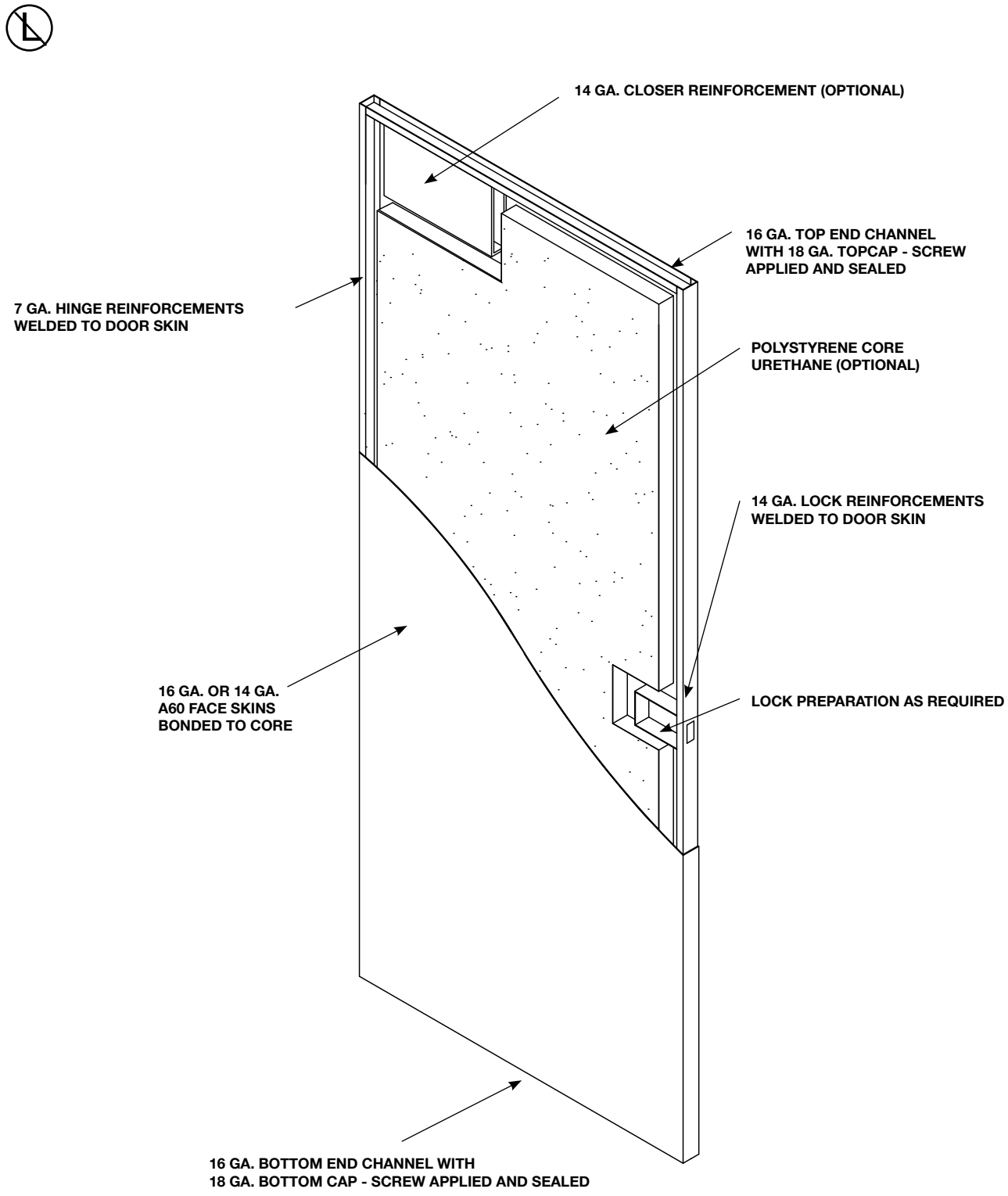




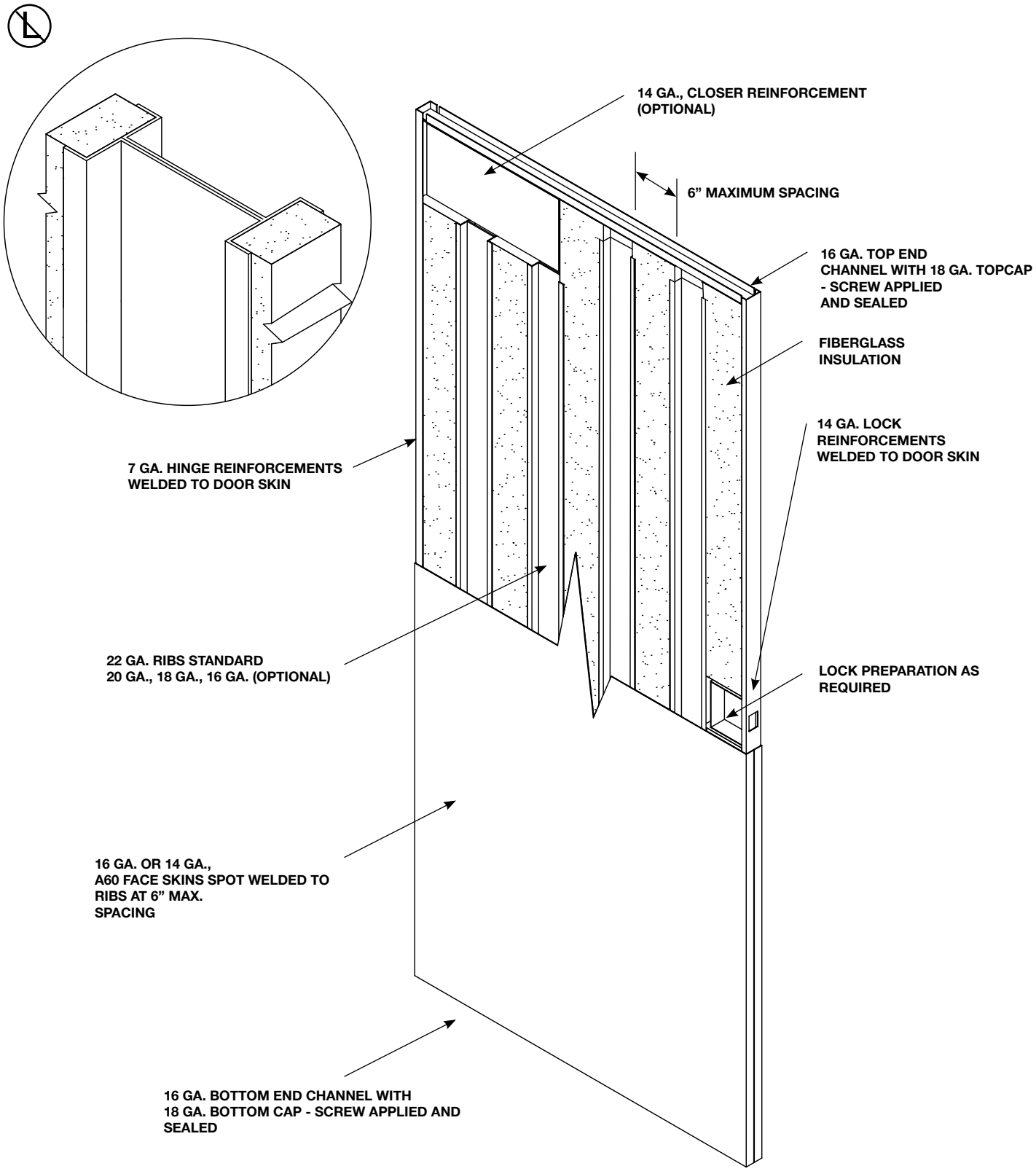
GRAVITY-GLIDE CAM-LIFT HINGE



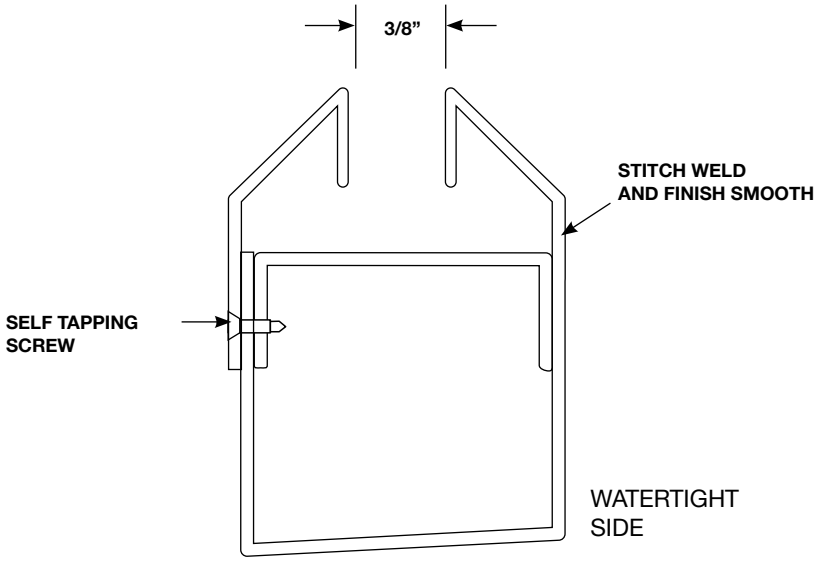
780 DOOR CONSTRUCTION - WATER RESISTANT DOOR

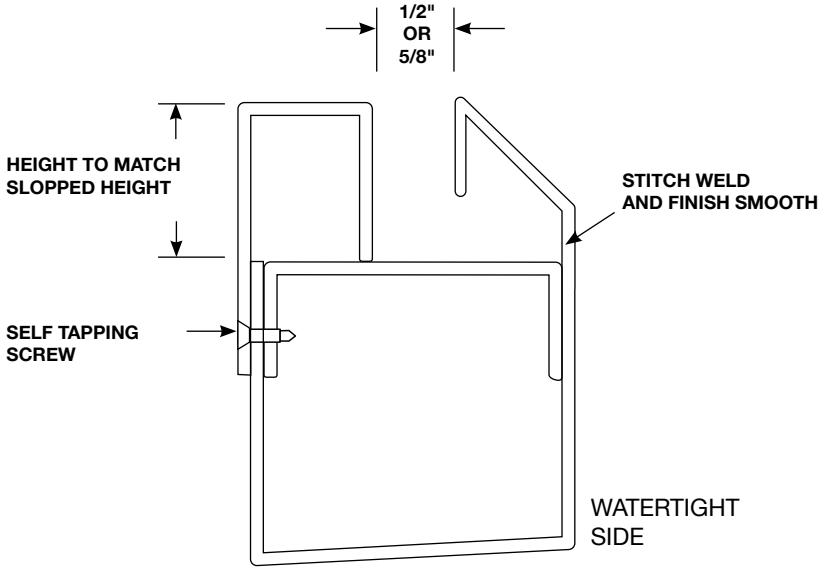


787 DOOR CONSTRUCTION - WATER RESISTANT DOOR



WATER RESISTANT DOOR GLASS MOULDING

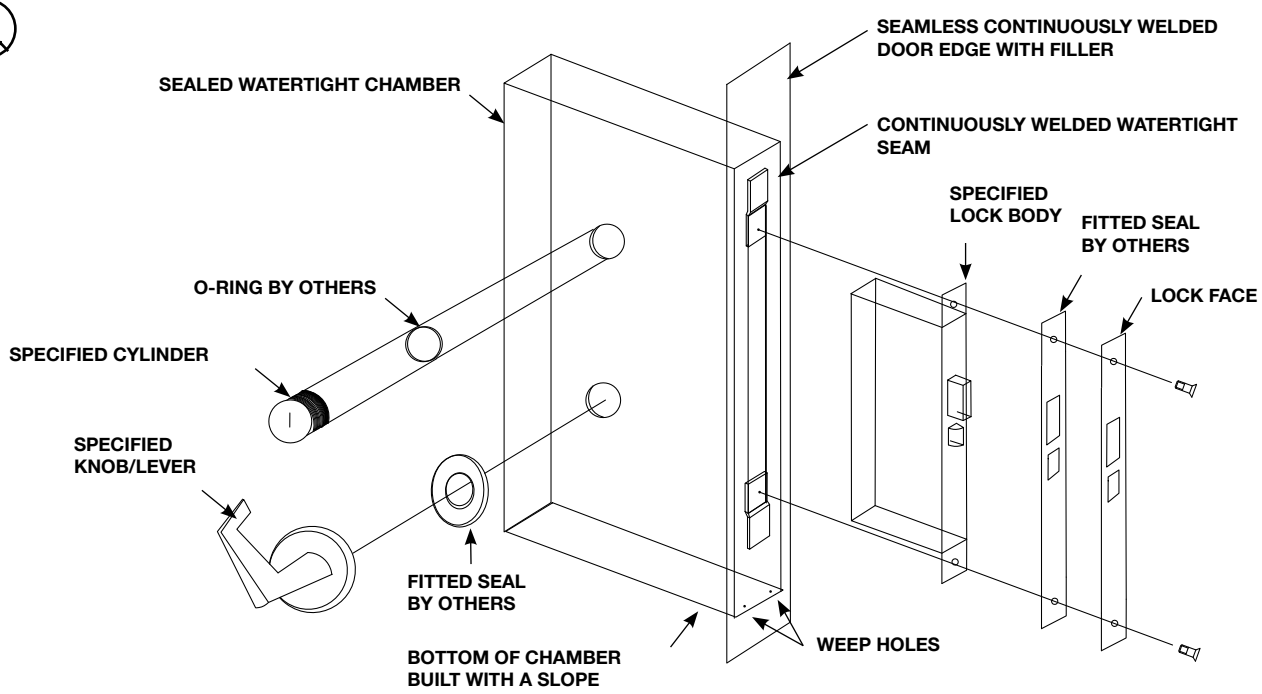




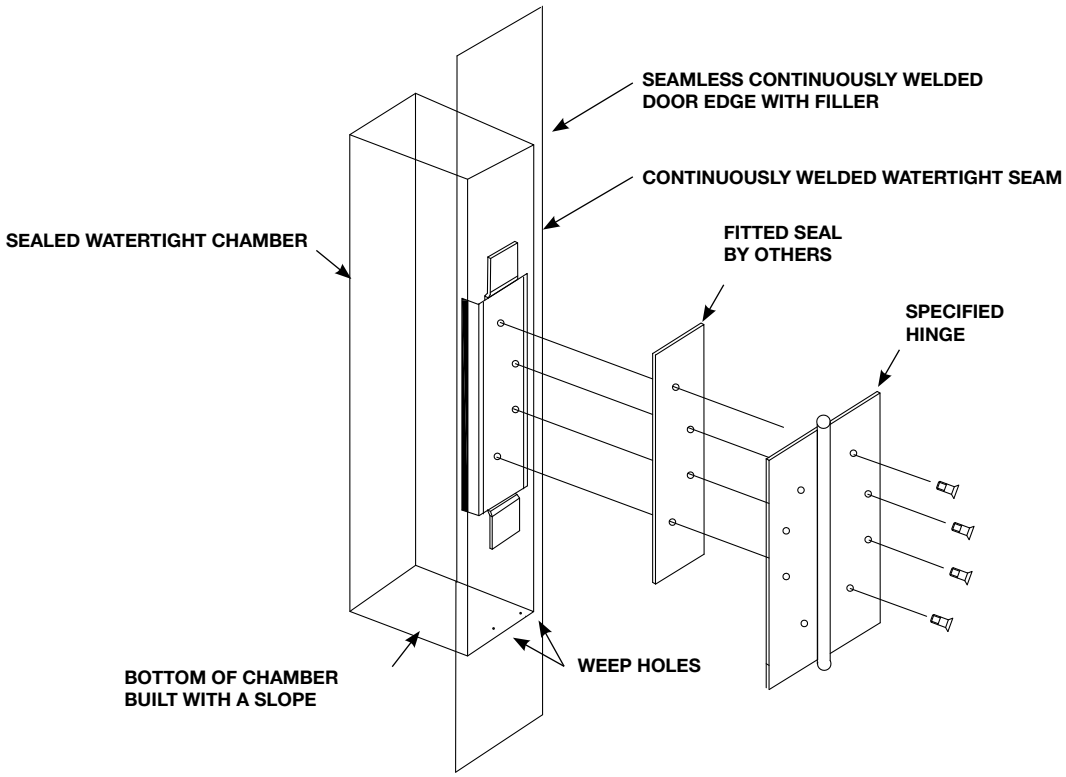
POCKET WIDTH	GLASS THICKNESS
3/8”	1/4”
1/2”	3/8” OR 5/16”
5/8”	1/2”

WATER RESISTANT DOOR AND FRAME COVERBOXES

LOCK PREP



HINGE PREP



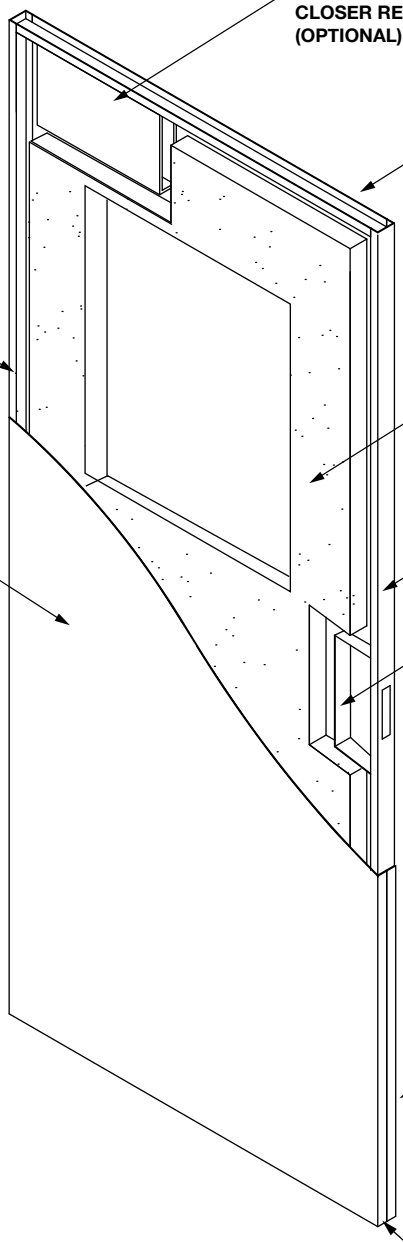
ATTACK RESISTANT DOOR OPENING

Ⓛ

DOOR WIDTH: 2’8” THROUGH 4’0”
DOOR HEIGHT: 6’8” THROUGH 8’0”
SINGLES ONLY

1-3/4” THICK DOOR
STEEL TYPE CRS (STANDARD),
A60 GALVANNEAL, G90
GALVANIZED

HINGE HARDWARE: 4-1/2” X 4-1/2”
STANDARD WEIGHT MORTISED
BUTT HINGES; STEEL CONTINUOUS



14 GA.
CLOSER REINFORCEMENT CHANNEL
(OPTIONAL)

16 GA.
TOP END CHANNEL
SKINS WELDED TO END CHANNELS 3
INCHES FROM EACH END AND 6” ON
CENTER

14 GA. STANDARD
HINGE CHANNEL
12 GA. ALTERNATE

POLYSTYRENE CORE
ALTERNATE: HONEYCOMB,
POLYURETHANE

14 GA.
LOCK CHANNEL

16 GA. FACE SKINS
BONDED TO CORE
14 GA. ALTERNATE

IN-SWING AND OUT-SWING
CONFIGURATIONS

LOCK PREPARATION
SARGENT 8200 SERIES MORTISE
LOCK WITH LATCH BOLT, DEAD BOLT
AND LS ESCUTCHEON REQUIRED
OPTIONAL HARDWARE:
- **CORBIN RUSSWIN ML2000 SERIES MORTISE LOCK WITH DEAD BOLT, VR (VANDAL RESISTANT) ESCUTCHEON AND LEVER TRIM***
- **ASSA ABLOY ACCENTRA SL8800 SERIES MORTISE LOCK WITH DEAD BOLT, SL (SECURITY) ESCUTCHEON AND LEVER TRIM***

***EQUIVALENT HARDWARE NOT TESTED**

HANDED 1/8” IN 2” BEVEL

S, N, OR T EDGE

UNDERCUT UP TO 3/4”

16 GA. BOTTOM END CHANNEL
SKINS WELDED TO END CHANNELS 3 INCHES
FROM EACH END AND 6” ON CENTER

SGG™ School Guard Glass

TYPE 2 (5/8” POCKET)
20 GAUGE SURROUND CHANNEL
ALTERNATE:TYPE 10 (9/16” POCKET)
20 GA. SURROUND CHANNEL

TYPE 8 20-45 MINUTE: 1-3/8" POCKET
60 MINUTE: 1-1/2" POCKET
90 MINUTE: 2-1/16" POCKET

SCHOOL GUARD GLASS™ SG5™ (NON-FIRE RATED), SG5FR (FIRE RATED)
GLASS WIDTH: 3” MIN; 35-13/16” MAX.
GLASS HEIGHT: 10” MIN., 44” MAX.
6” MIN. STILE FROM EDGE OF DOOR TO VISIBLE GLASS 7-3/4” MIN. TOP RAIL FROM TOP OF DOOR TO VISIBLE GLASS BEDDING MATERIAL DOW CORNING 995 STRUCTURAL SILICONE GLAZING TAPE: TREMCO 440
CLOSED CELL FOAM

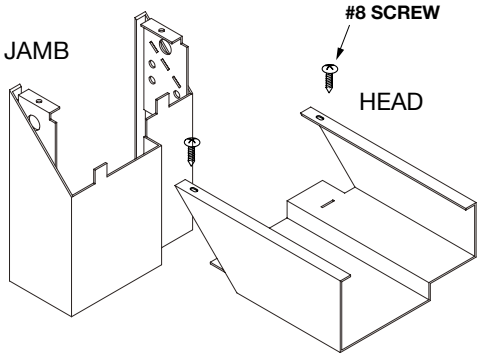
ATTACK RESISTANT "M", "CM", "G" AND "CG" PROFILE

GLASS AND GLAZING:
- SCHOOL GUARD GLASSTM SG5TM (NON-FIRE RATED), SG5FRTM (FIRE RATED)
- GLASS WILL BE SHIPPED LOOSE, GLAZING MATERIALS REQUIRED TO BE PROVIDED BY OTHERS

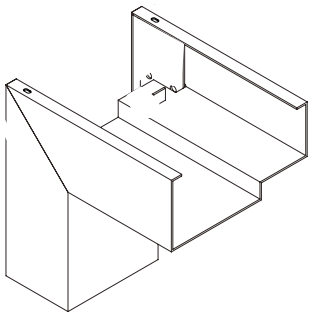
SIDELIGHT:
VISIBLE WIDTH 6"-47" X VISIBLE HEIGHT 10"-92-3/4" DOUBLE SIDELIGHTS AVAILABLE
SIDELIGHTS CAN ALSO BE HALF SIDELIGHTS:
VISIBLE WIDTH: 6" TO 24"
VISIBLE HEIGHT: 10" TO 92-3/4"

BORROWED LIGHT: VISIBLE WIDTH 3"- 24" X VISIBLE HEIGHT 10" X 92-3/4":
ALTERNATE WIDTH MAXIMUM 35-13/16" WHEN MAXIMUM VISIBLE HEIGHT DOES NOT EXCEED 44" FIRE PROTECTION RATINGS AVAILABLE UP TO 90 MINUTES FRAME AND GLASS SIZE MAY VARY BY FIRE RATING

KD OR WELDED
2" OR 4" FACE HEADS



WELD CORNER ASSEMBLY



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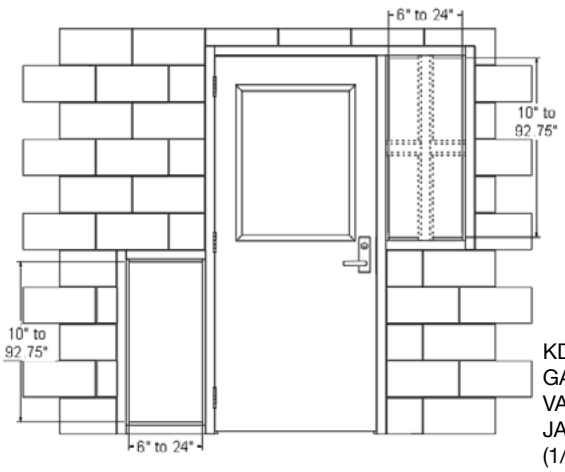
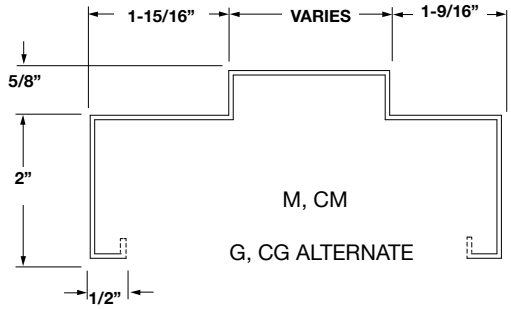
MASONRY KD 2" FACE FLUSH FRAME UNEQUAL RABBET





STRIKE PREPARATION: E1

HINGE PREPARATION:
4-1/2" X 4-1/2" STANDARD WEIGHT MORTISED BUTT HINGES; STEEL CONTINUOUS

HINGE REQUIREMENTS:
- BUTT: THREE UP TO 90" HIGH, FOUR FOR HEIGHTS GREATER THAN 90"
- CONTINUOUS: STEEL SURFACE MOUNTED OR MORTISED

Ⓛ **TREMCO 440 GLAZING TAPE AND DOW CORNING 995 SILICONE FOR SIDELIGHTS REQUIRED TO BE PROVIDED BY OTHERS.*

KD "M" TYPE FLUSH
GAUGE - 16 GA., 14 GA. , 12 GA.
VARIABLE SOFFIT
JAMB DEPTH 5-3/4" THRU 14" (1/8 INCREMENTS)
AVAILABLE WITH 4" FACE HEADS

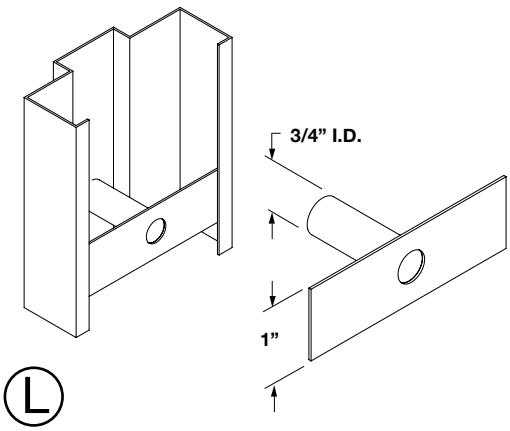
NOTE: 5-3/4" JAMB DEPTH STANDARD WITH 7/16" RETURNS TO PROVIDE 4-7/8" THROAT OPENING

STEEL TYPE:
CRS (STANDARD),
A60 GLAVANNEAL, G90 GALVANIZED

G, CG, CM PROFILE ALSO AVAILABLE

FIRE PROTECTION RATINGS AVAILABLE UP TO 90 MINUTES FRAME AND GLASS SIZE MAY VARY BY FIRE RATING

PIPE SPACER ANCHOR



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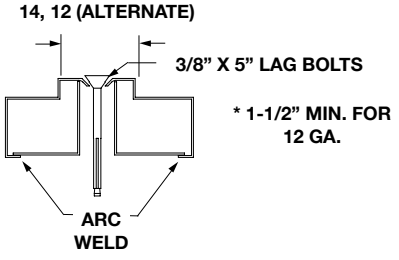
DIAMETER 3/8" X 1-3/4"
EMBEDMENT LENGTH OR STEEL EXPANSION SHELL OR 3/8" FLATHEAD BOLT



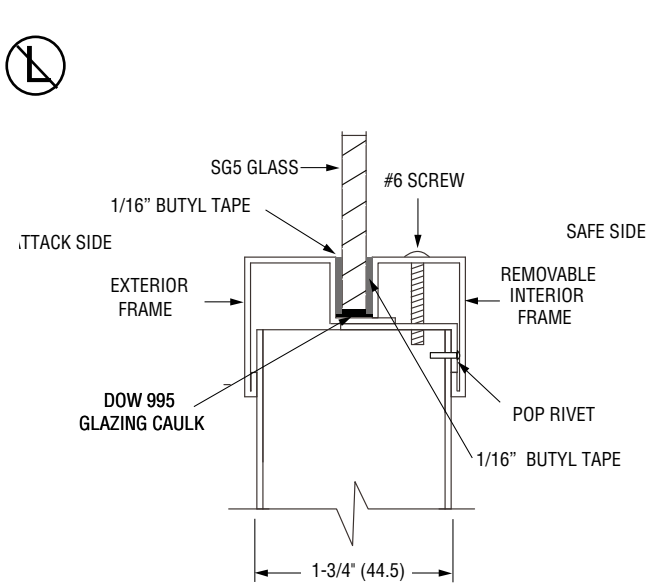
ANCHOR PART NUMBER: P0044
ORDER CODE LOOSE: PS
ORDER CODE WELDED: WPS

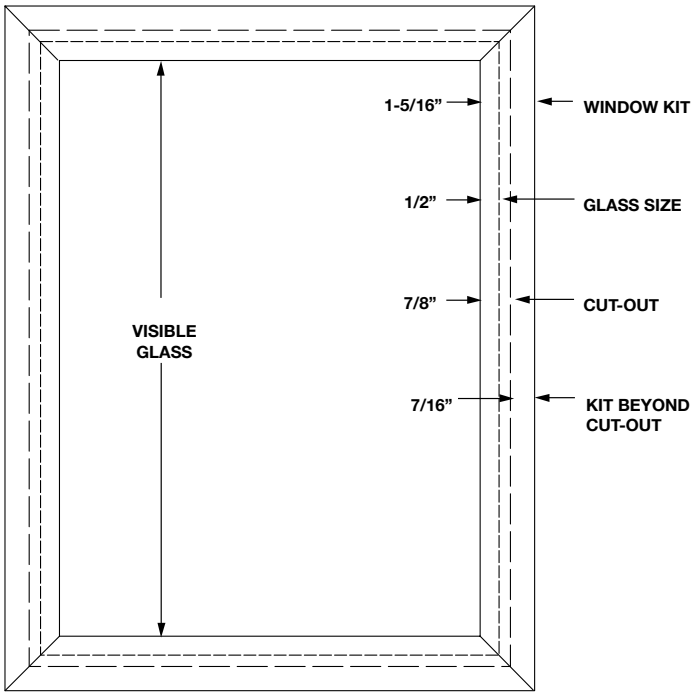
ALTERNATE ANCHORS:
- ADJUSTABLE MASONRY
- WOOD STUD
- STEEL STUD
- EXPANSION SHELL
- MASONRY T

FIRE PROTECTION RATINGS AVAILABLE UP TO 90 MINUTES FRAME AND GLASS SIZE MAY VARY BY FIRE RATING

ATTACK RESISTANT RETROFIT KIT

ATTACK RESISTANT RETROFIT KIT TYPE 2 FOR EXISTING HOLLOW METAL DOORS





TYPE 2 HM DOOR	VISIBLE GLASS SIZE	CUTOUT SIZE	PART NUMBER
ARKMV	10 X 10	11-3/4 X 11-3/4	CD149692
ARKMV1212	12 X 12	13-3/4 X 13-3/4	CD150402
ARKMNV616	6 X 16	7-3/4 X 17-3/4	CD151232
ARKMNV636	6 X 36	7-3/4 X 37-3/4	CD152062
ARKMNV333	3 X 33	4-3/4 X 34-3/4	CD154462
ARKMNV424	4 X 24	5-3/4 X 25-3/4	CD155292
ARKMNV520	5 X 20	6-3/4 X 21-3/4	CD156022
ARKMNV624	6 X 24	7-3/4 X 25-3/4	CD156852
ARKMNV630	6 X 30	7-3/4 X 31-3/4	CD157682
ARKMNV425	4 X 25	5-3/4 X 26-3/4	CD158422
ARKMHG (3068)	23 13/16 X 28	25-9/16 X 29-3/4	CD159252
ARKMHG (3070)	23 13/16 X 32	25-9/16 X 33-3/4	CD160062
ARKMHG (3072)	23 13/16 X 34	25-9/16 X 35-3/4	CD160892
ARKMC CUSTOM SIZE RETRO-FIT KITS ARE PRICED PER SQ. FT. OF VISIBLE GLASS (3 SQ FT MIN.)			

ATTACK RESISTANT RETROFIT KIT INCLUDES:
- TYPE 2 LIGHT KIT FOR EXISTING METAL DOORS
- SCHOOL GUARD GLASS SG5 ATTACK RESISTANT GLASS*
- DOW 995 SILICONE GLAZING COMPOUND*
- TREMCO 440 BUTYL TAPE TO BE APPLIED TO THE GLASS KIT INTERIOR AND EXTERIOR SIDES*

** GLASS SHIPS FROM A SEPARATE LOCATION*

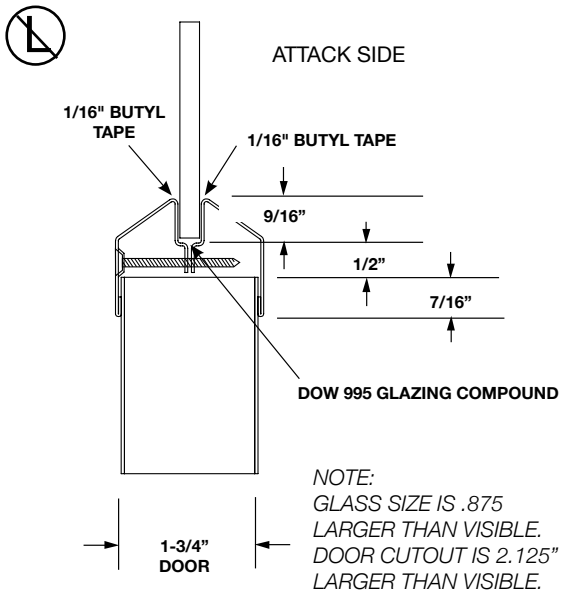
**TREMCO 440 GLAZING TAPE AND DOW CORNING 995 SILICONE FOR SIDELIGHTS REQUIRED TO BE PROVIDED BY OTHERS.*

ATTACK RESISTANT RETROFIT KITS MUST BE USED WITH THE ATTACK RESISTANT COMPONENT MATERIALS AS SPECIFIED: CURRIES DOOR KITS, SGG5 GLASS, APPROVED AND TESTED INSTALLATION COMPONENTS ONLY - NO SUBSTITUTIONS.

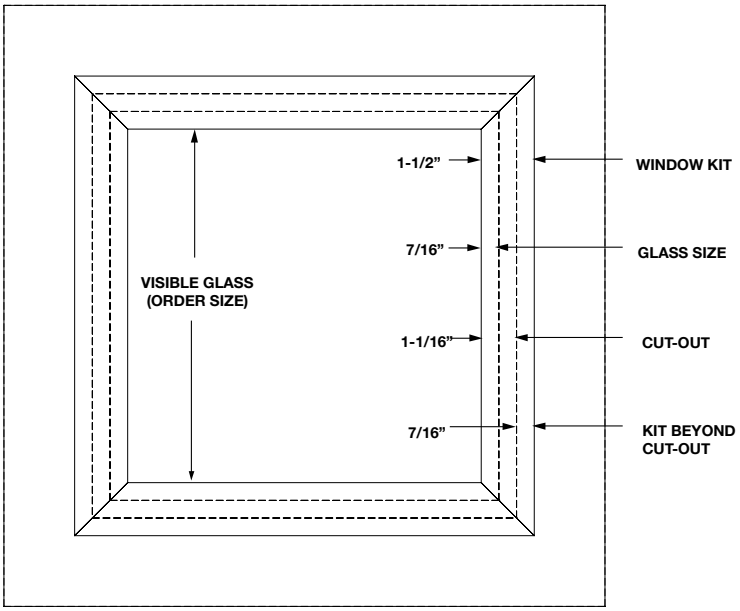
CURRIES AND SCHOOL GUARD GLASS ARE COMMITTED TO PROVIDING THE SAFEST AND MOST ROBUST MEANS AND METHODS FOR ATTACHMENT INTO COMPLETE FACTORY INSTALLED OEM ATTACK RESISTANT ASSEMBLIES AS WELL AS THE REPAIR, PARTIAL REPLACEMENT OR ENHANCEMENT OF EXISTING DOORS AND FRAMES. WE HAVE INDEPENDENT TESTING PARTIES REGULARLY TEST OUR INSTALLATION PROCEDURES AND PRODUCTS AS WELL AS THE FRAMES AND GLASS IT IS INSTALLED INTO. HOWEVER, PLEASE BE ADVISED THAT IT IS POSSIBLE THAT NOT ALL EXISTING DOORS, FRAMES, OR HARDWARE ON YOUR PROJECT HAVE BEEN TESTED TO OUR STANDARDS. FURTHERMORE, IF DOORS, WINDOWS OR HARDWARE ARE OLD,OF INFERIOR QUALITY, BROKEN OR PARTIALLY BROKEN, THEN THEY MAY NOT MEET THE TESTING OUTCOMES THAT NEW MATERIALS MEET. OUR PRODUCTS WILL NOT CAUSE YOUR EXISTING PRODUCTS TO BE LESS SECURE, BUT EXISTING PRODUCTS THAT ARE DEFECTIVE MAY REDUCE THE ABILITY OF OUR PRODUCTS TO MEET THEIR FULL POTENTIAL.

ATTACK RESISTANT RETROFIT KIT

ATTACK RESISTANT RETROFIT KIT TYPE 10
FOR EXISTING WOOD DOORS



NOTE:
GLASS SIZE IS .875 LARGER THAN VISIBLE.
DOOR CUTOUT IS 2.125" LARGER THAN VISIBLE.



TYPE 10 WOOD DOOR	VISIBLE GLASS SIZE	CUTOUT SIZE	PART NUMBER
ARKWV	10 X 10	12-1/8 X 12-1/8	CD137632
ARKWV1212	12 X 12	14-1/8 X 14-1/8	CD138472
ARKWNV616	6 X 16	8-1/8 X 18-1/8	CD139202
ARKWNV636	6 X 36	8-1/8 X 38-1/8	CD140012
ARKWNV333	3 X 33	5-1/8 X 35-1/8	CD142412
ARKWNV424	4 X 24	6-1/8 X 26-1/8	CD143242
ARKWNV520	5 X 20	7-1/8 X 22-1/8	CD144072
ARKWNV624	6 X 24	8-1/8 X 26-1/8	CD144802
ARKWNV630	6 X 30	8-1/8 X 32-1/8	CD145632
ARKWNV425	4 X 25	6-1/8 X 27-1/8	CD146472
ARKWHG (3068)	23 5/16 X 27-1/4	25-7/16 X 29-3/8	CD147202
ARKWHG (3070)	23 5/16 X 31-1/4	25-7/16 X 33-3/8	CD148032
ARKWHG (3072)	23 5/16 X 33-1/4	25-7/16 X 35-3/8	CD148862
ARKWC CUSTOM SIZE RETRO-FIT KITS ARE PRICED PER SQ. FT. OF VISIBLE GLASS (3 SQ FT MIN.)			

ATTACK RESISTANT RETROFIT KIT INCLUDES:
- TYPE 10 LIGHT KIT FOR EXISTING WOOD DOORS
- SCHOOL GUARD GLASS SG5 ATTACK RESISTANT GLASS*
- DOW 995 SILICONE GLAZING COMPOUND*
- TREMCO 440 BUTYL TAPE TO BE APPLIED TO THE GLASS KIT INTERIOR AND EXTERIOR SIDES*

** GLASS SHIPS FROM A SEPARATE LOCATION*
** TREMCO 440 GLAZING TAPE AND DOW CORNING 995 SILICONE REQUIRED GO BE PROVIDED BY OTHERS*

ATTACK RESISTANT RETROFIT KITS MUST BE USED WITH THE ATTACK RESISTANT COMPONENT MATERIALS AS SPECIFIED: CURRIES DOOR KITS, SGG5 GLASS, APPROVED AND TESTED INSTALLATION COMPONENTS ONLY - NO SUBSTITUTIONS.

CURRIES AND SCHOOL GUARD GLASS ARE COMMITTED TO PROVIDING THE SAFEST AND MOST ROBUST MEANS AND METHODS FOR ATTACHMENT INTO COMPLETE FACTORY INSTALLED OEM ATTACK RESISTANT ASSEMBLIES AS WELL AS THE REPAIR, PARTIAL REPLACEMENT OR ENHANCEMENT OF EXISTING DOORS AND FRAMES. WE HAVE INDEPENDENT TESTING PARTIES REGULARLY TEST OUR INSTALLATION PROCEDURES AND PRODUCTS AS WELL AS THE FRAMES AND GLASS IT IS INSTALLED INTO. HOWEVER, PLEASE BE ADVISED THAT IT IS POSSIBLE THAT NOT ALL EXISTING DOORS, FRAMES, OR HARDWARE ON YOUR PROJECT HAVE BEEN TESTED TO OUR STANDARDS. FURTHERMORE, IF DOORS, WINDOWS OR HARDWARE ARE OLD,OF INFERIOR QUALITY, BROKEN OR PARTIALLY BROKEN, THEN THEY MAY NOT MEET THE TESTING OUTCOMES THAT NEW MATERIALS MEET. OUR PRODUCTS WILL NOT CAUSE YOUR EXISTING PRODUCTS TO BE LESS SECURE, BUT EXISTING PRODUCTS THAT ARE DEFECTIVE MAY REDUCE THE ABILITY OF OUR PRODUCTS TO MEET THEIR FULL POTENTIAL.

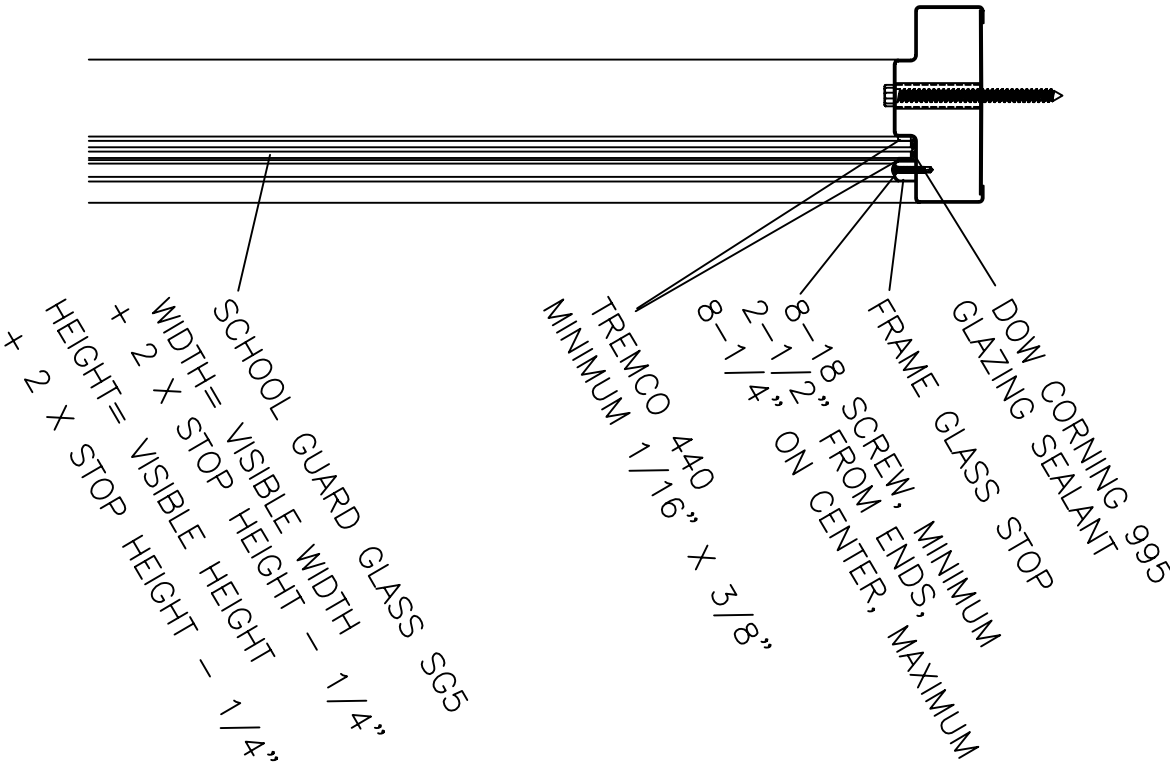
ATTACK RESISTANT RETROFIT SIDELIGHT AND BORROWED LIGHT DETAILS

ATTACK RESISTANT SG5 GLASS FOR EXISTING SIDELIGHTS AND BORROWED LIGHTS INCLUDES:
- SCHOOL GUARD GLASS SG5 ATTACK RESISTANT GLASS*
- DOW 995 SILICONE GLAZING COMPOUND AND TREMCO 440 BUTYL TAPE REQUIRED TO BE PROVIDED BY OTHERS

SIDELIGHT GLASS SIZE:
- 6" X 10" - 24" X 92.75"

BORROWED LIGHT GLASS SIZE:
- 3" X 10" - 24" X 92-3/4"" GLASS HORIZONTAL ORIENTED
- 3" X 10" - 35-13/16" X 44" GLASS VERTICAL ORIENTED

CUSTOM SIZES AVAILABLE (3 SQ. FT. MIN.)



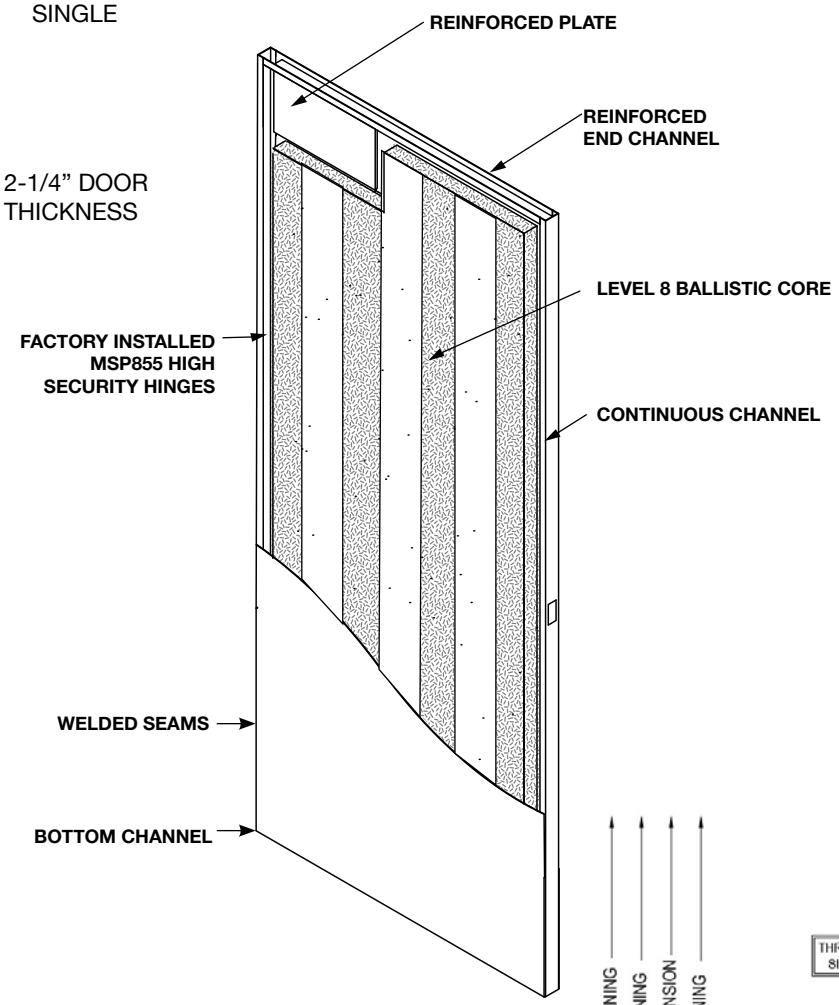
ATTACK RESISTANT RETROFIT KITS MUST BE USED WITH THE ATTACK RESISTANT COMPONENT MATERIALS AS SPECIFIED: CURRIES DOOR KITS, SGG5 GLASS, APPROVED AND TESTED INSTALLATION COMPONENTS ONLY - NO SUBSTITUTIONS.

CURRIES AND SCHOOL GUARD GLASS ARE COMMITTED TO PROVIDING THE SAFEST AND MOST ROBUST MEANS AND METHODS FOR ATTACHMENT INTO COMPLETE FACTORY INSTALLED OEM ATTACK RESISTANT ASSEMBLIES AS WELL AS THE REPAIR, PARTIAL REPLACEMENT OR ENHANCEMENT OF EXISTING DOORS AND FRAMES. WE HAVE INDEPENDENT TESTING PARTIES REGULARLY TEST OUR INSTALLATION PROCEDURES AND PRODUCTS AS WELL AS THE FRAMES AND GLASS IT IS INSTALLED INTO. HOWEVER, PLEASE BE ADVISED THAT IT IS POSSIBLE THAT NOT ALL EXISTING DOORS, FRAMES, OR HARDWARE ON YOUR PROJECT HAVE BEEN TESTED TO OUR STANDARDS. FURTHERMORE, IF DOORS, WINDOWS OR HARDWARE ARE OLD,OF INFERIOR QUALITY, BROKEN OR PARTIALLY BROKEN, THEN THEY MAY NOT MEET THE TESTING OUTCOMES THAT NEW MATERIALS MEET. OUR PRODUCTS WILL NOT CAUSE YOUR EXISTING PRODUCTS TO BE LESS SECURE, BUT EXISTING PRODUCTS THAT ARE DEFECTIVE MAY REDUCE THE ABILITY OF OUR PRODUCTS TO MEET THEIR FULL POTENTIAL.

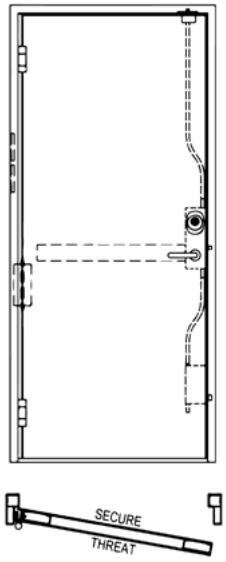
859 SERIES - FORCED ENTRY BULLET RESISTANT ASSEMBLY

3'0" X 7'0" FLUSH
SINGLE

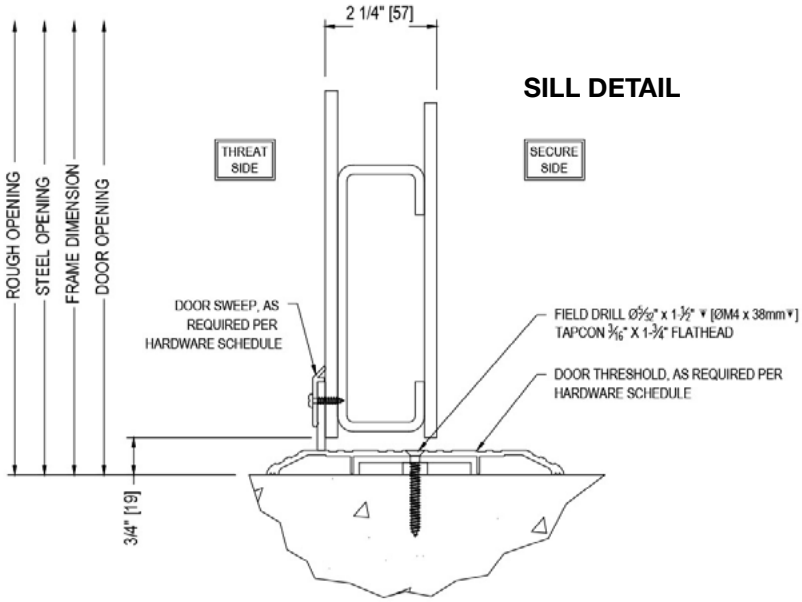
2-1/4" DOOR
THICKNESS



HARDWARE PREPARATION
MSP855 HIGH SECURITY HINGES AND
FORCED ENTRY RESISTANT
EXIT DEVICE WITH
MULTI-POINT DEADBOLT
PROVIDED AND INSTALLED



SILL DETAIL



TEST METHODS AND QUALIFICATIONS

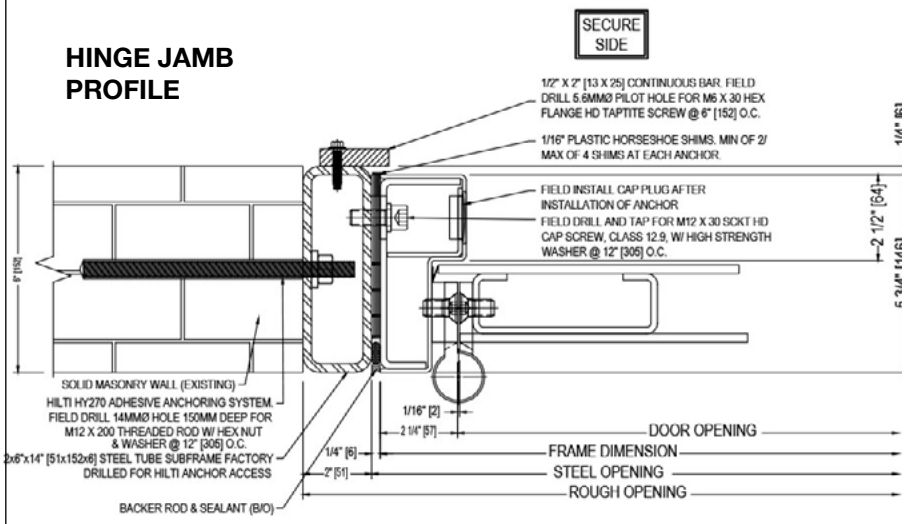
- FORCED ENTRY AND BALLISTIC RESISTANCE OF STRUCTURAL SYSTEMS - DOORS WERE TESTED PER DOS SD-STD.01.01 REV. G SHOT WITH 5.56 AND 7.62 ROUNDS AND THEN ATTACKED BY A SIX MAN CONCENTRATED ASSUALT TEAM FOR 15 MINUTES ON THE LOCK EDGE, 15 MINUTES ON THE HINGE EDGE, 15 MINUTES ON THE CENTER OF THE DOOR
- TESTED IN ACCORDANCE WITH STANDARD FOR SAFETY UL752; STANDARD FOR BULLET RESISTANT EQUIPMENT
- ANSI/BHMA A156, 1; BUTTS AND HINGES
- ASTM F3038-14; STANDARD TEST METHOD FOR TIMED EVALUATION OF FORCED ENTRY RESISTANT SYSTEMS
- COMPLIES WITH DEPARTMENT OF STATE SD-STD.01.01 REV. G (AMENDED)

859 FORCED ENTRY BULLET RESISTANT ASSEMBLY

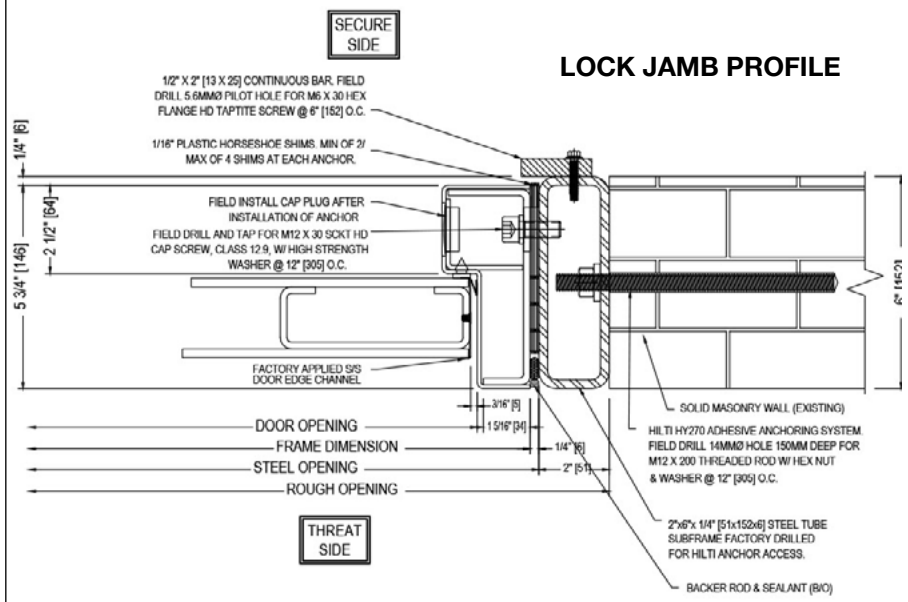
SPECIFICATIONS:

- ALL EXPOSED SURFACES OF DOOR AND FRAME TO RECEIVE ONE COAT OF RUST INHIBITIVE PRIME PAINT.
- ASSEMBLY IS SHIPPED WITH HOLLOW METAL DOOR AND FRAME PRE-HUNG WITH LOCK AND HINGES PRE-INSTALLED
- SURELOCK MCGILL SLIMLINE MULTIPOINT LOCK
  - A. CONCEALED OR SURFACE MOUNTED
  - B. FUNCTIONS INCLUDE MANUAL, ELECTRIC LATCH RETRACTION, DELAYED EGRESS
  - C. OPTIONAL LEVER OR PANIC BAR AVAILABLE
- MSP855 HIGH SECURITY HINGES
- NOMINAL DOOR THICKNESS IS 2-1/4"
- DOOR WEIGHT IS APPROXIMATELY 30 POUNDS PER SQUARE FOOT
- CUSTOM FRAME ANCHOR TYPES ARE REQUIRED BASED ON WALL CONDITIONS
- CAN BE INSTALLED IN STEEL STUD, MASONRY OR PRECAST WALLS
- VISION OPTIONS ARE AVAILABLE WITH FACTORY INSTALLED GLASS FOR 5 AND 15 MINUTE FEBR RATINGS ONLY
- FLUSH DOOR DESIGN ONLY FOR 60 MINUTE FEBR RATING WITH OPTIONAL VIEWER
- SIDELIGHTS AND TRANSOMS ARE AVAILABLE
- 90 MINUTE FIRE RATED CONSTRUCTION LABEL ONLY; ALL COMPONENTS HAVE BEEN INDIVIDUALLY TESED BY UL
- FACTORY SUPPLIED SHOP DRAWING APPROVAL IS REQUIRED
- MEETS UL752 KEVEK 8 BYKKET RESISTANCE, FORCED ENTRY SD-STD-01.01 REV.G, AND ASTM F3038-14

HINGE JAMB PROFILE



LOCK JAMB PROFILE



TEST METHODS AND QUALIFICATIONS

- FORCED ENTRY AND BALLISTIC RESISTANCE OF STRUCTURAL SYSTEMS - DOORS WERE TESTED PER DOS SD-STD.01.01 REV. G SHOT WITH 5.56 AND 7.62 ROUNDS AND THEN ATTACKED BY A SIX MAN CONCENTRATED ASSUALT TEAM FOR 15 MINUTES ON THE LOCK EDGE, 15 MINUTES ON THE HINGE EDGE, 15 MINUTES ON THE CENTER OF THE DOOR
- TESTED IN ACCORDANCE WITH STANDARD FOR SAFETY UL752; STANDARD FOR BULLET RESISTANT EQUIPMENT
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- ASTM F3038-14; STANDARD TEST METHOD FOR TIMED EVALUATION OF FORCED ENTRY RESISTANT SYSTEMS
- COMPLIES WITH DEPARTMENT OF STATE SD-STD.01.01 REV. G (AMENDED)

NOTE: OPTIONAL EMBED IN LIEU OF SUBFRAME AVAILABLE

859 FORCED ENTRY BULLET RESISTANT DOOR

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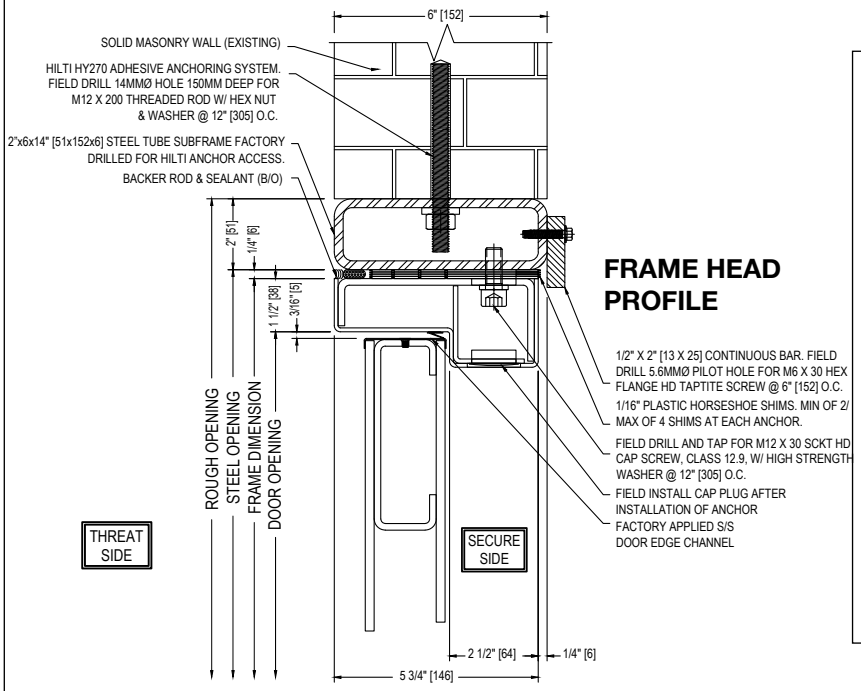
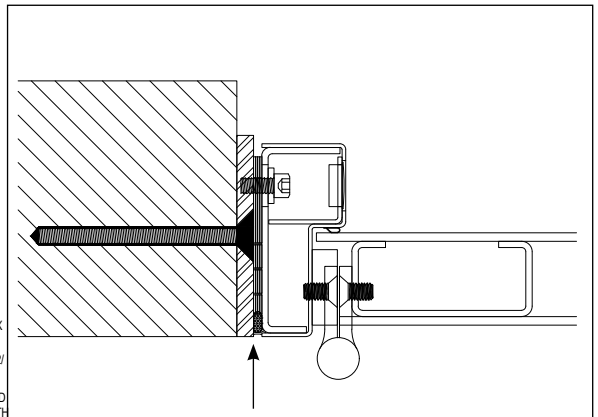
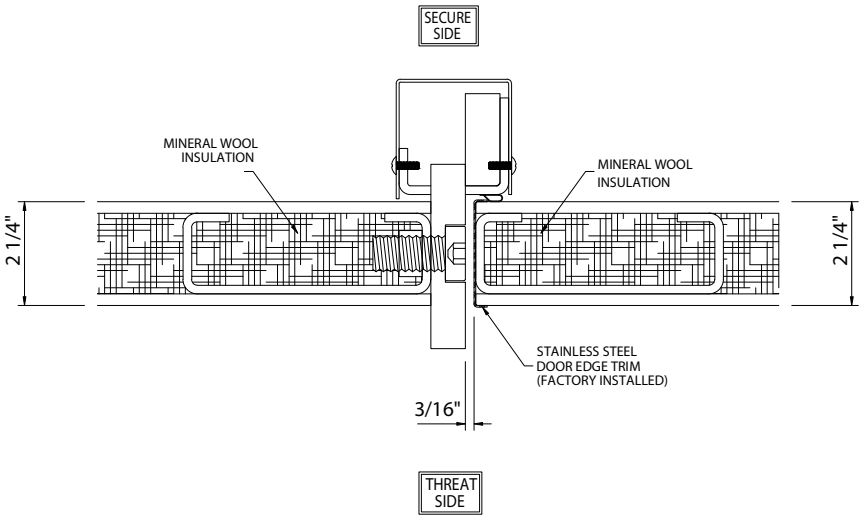


FRAME HEAD PROFILE

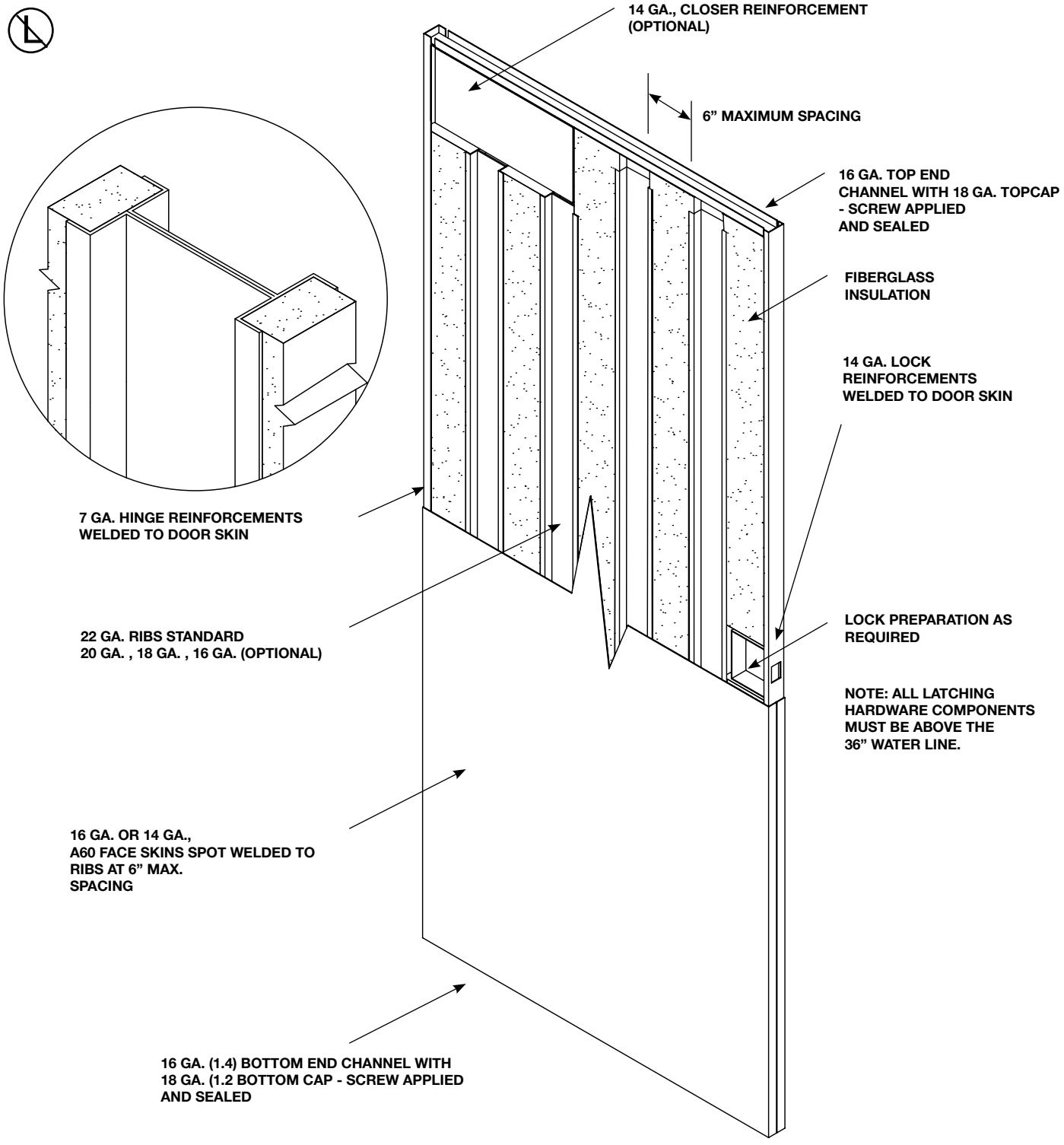


ALTERNATE STEEL PLATE CONSTRUCTION IS AVAILABLE FOR ALL PROFILES. CONTACT FACTORY FOR DETAILS.



MULLION FOR PAIR OPENINGS

789 SERIES DOOR CONSTRUCTION - FLOOD RESISTANT DOOR



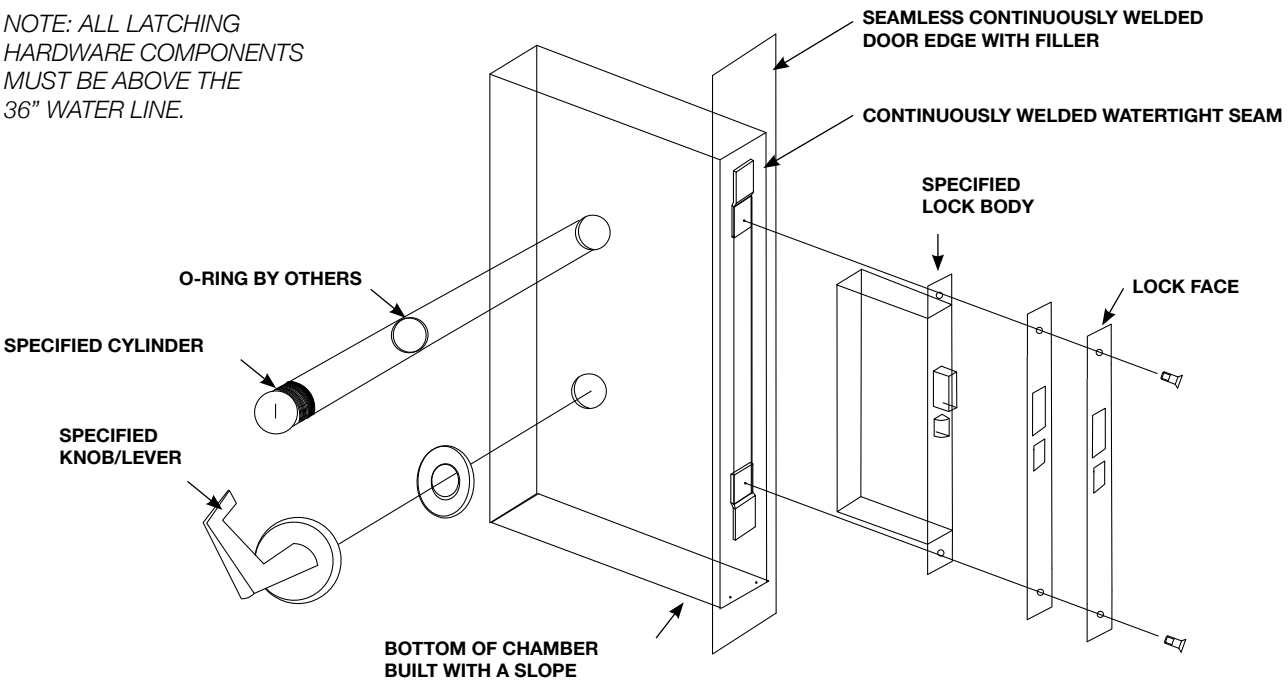
TESTED TO THE AMERICAN NATIONAL STANDARD FOR FLOOD ABATEMENT EQUIPMENT FOR WATER DEPTHS UP TO AND INCLUDING 36" TO STANDARDS SET FORTH BY ANSI/FM APPROVALS 2510-2014 (SECTION 4.3) NOT EXCEEDING MAXIMUM ALLOWABLE WATER SEEPAGE.

- 10" BY 10" LIGHT IS ALLOWED AT THE TOP OF THE DOOR
- OPTIONAL STAINLESS STEEL AVAILABLE

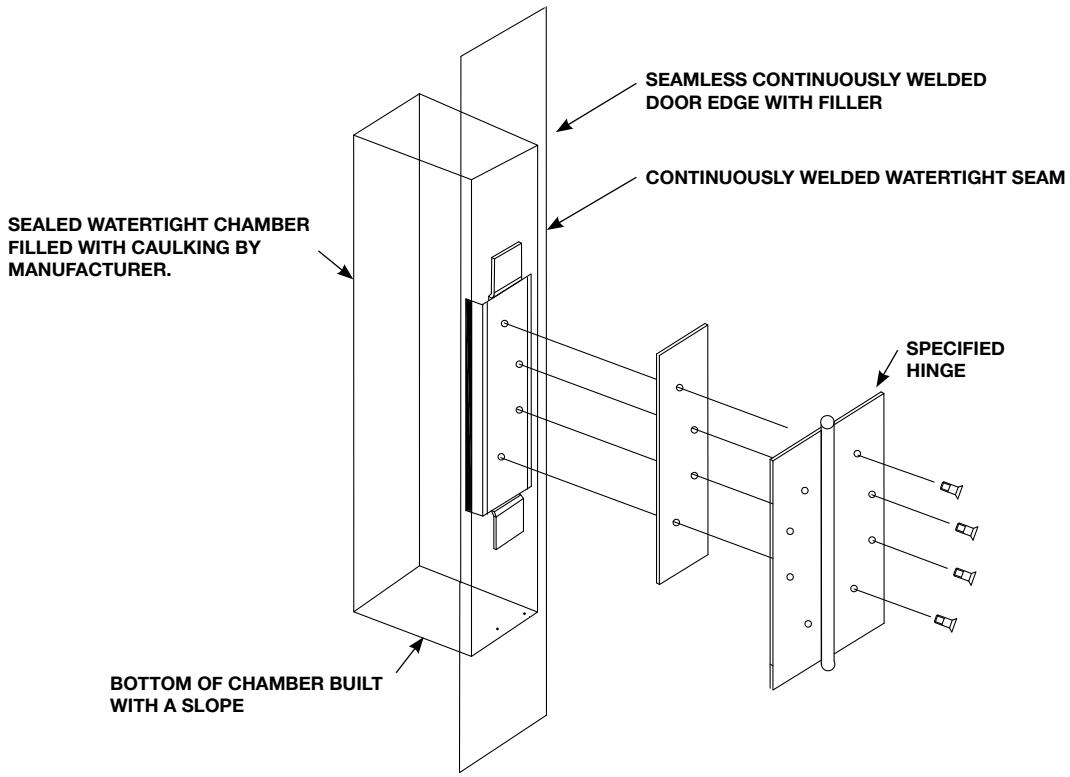
789 SERIES FLOOD RESISTANT DOOR COVERBOXES

LOCK PREP

NOTE: ALL LATCHING HARDWARE COMPONENTS MUST BE ABOVE THE 36" WATER LINE.



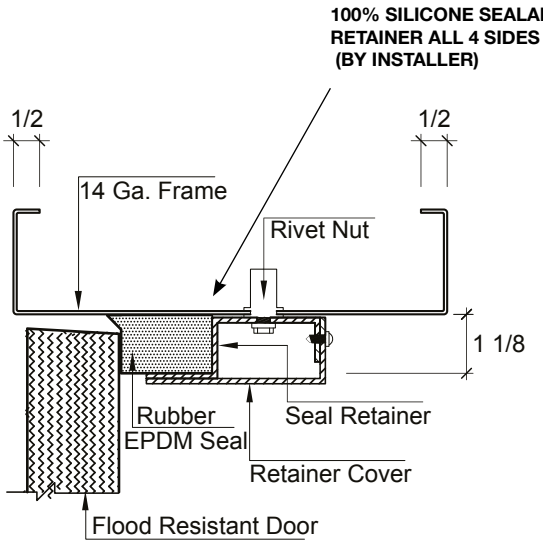
HINGE PREP

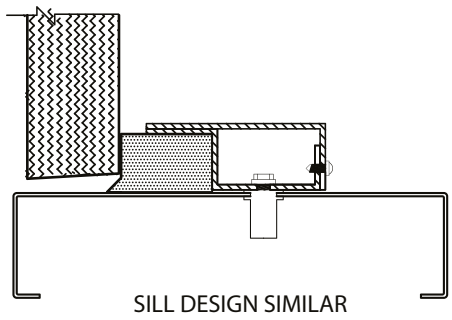


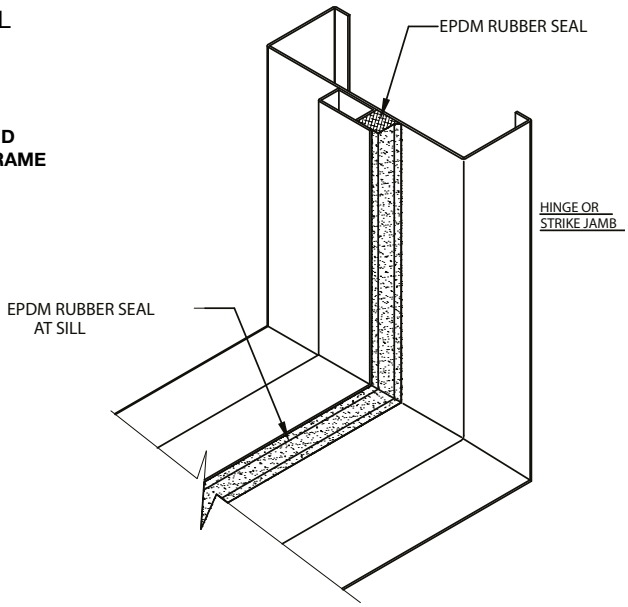
FRAME CONSTRUCTION

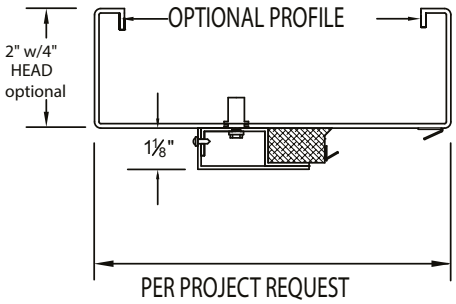
FRM - MASONRY FRAME

- 4 SIDED WELDED FRAME CONSTRUCTION
- 14 TO 12 GAUGE FRAMES WITH OPTIONAL STAINLESS STEEL
- UP TO AND INCLUDING 3070 SIZES
- FRAMES MUST BE GROUTED
- PERIMETER SEALS INCLUDED

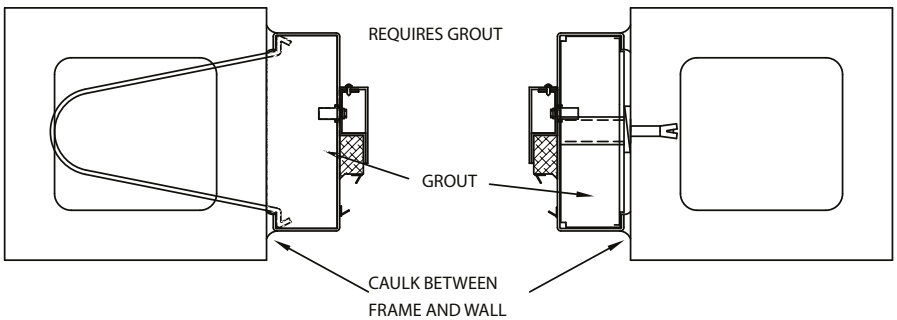








SOME COMMON MASONRY APPLICATIONS SHOWN BELOW.



NOTE: ALL LATCHING HARDWARE COMPONENTS MUST BE ABOVE THE 36" WATER LINE.

It is important that flood door systems be properly installed and sealed into the wall to prevent leakage. Flood Resistant systems are furnished with specific detailed seal installation instructions.

707 STAINLESS STEEL DOOR CONSTRUCTION

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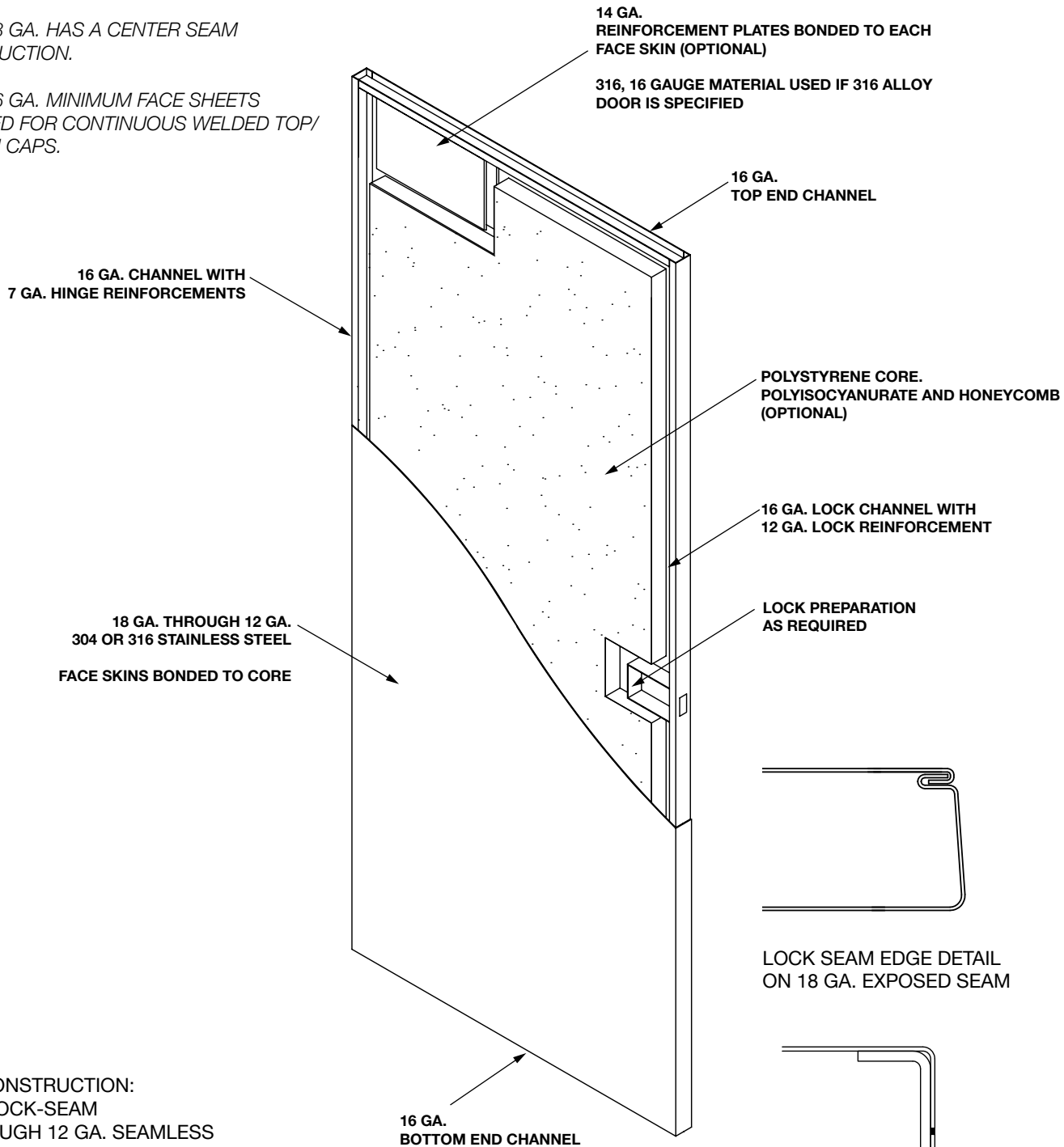
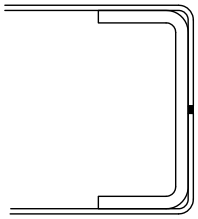
PLEASE CALL FACTORY FOR FIRE RATED OPTIONS

NOTE: 18 GA. HAS A CENTER SEAM CONSTRUCTION.

NOTE: 16 GA. MINIMUM FACE SHEETS REQUIRED FOR CONTINUOUS WELDED TOP/ BOTTOM CAPS.



LOCK SEAM EDGE DETAIL
ON 18 GA. EXPOSED SEAM



CENTER SEAM ON 12, 14, 16, & 18 GA.
FILLED SEAM

EDGE CONSTRUCTION:
18 GA. LOCK-SEAM
18 THROUGH 12 GA. SEAMLESS

316 DOORS USE 316 COMPONENTS
304 DOORS USE A60 COMPONENTS

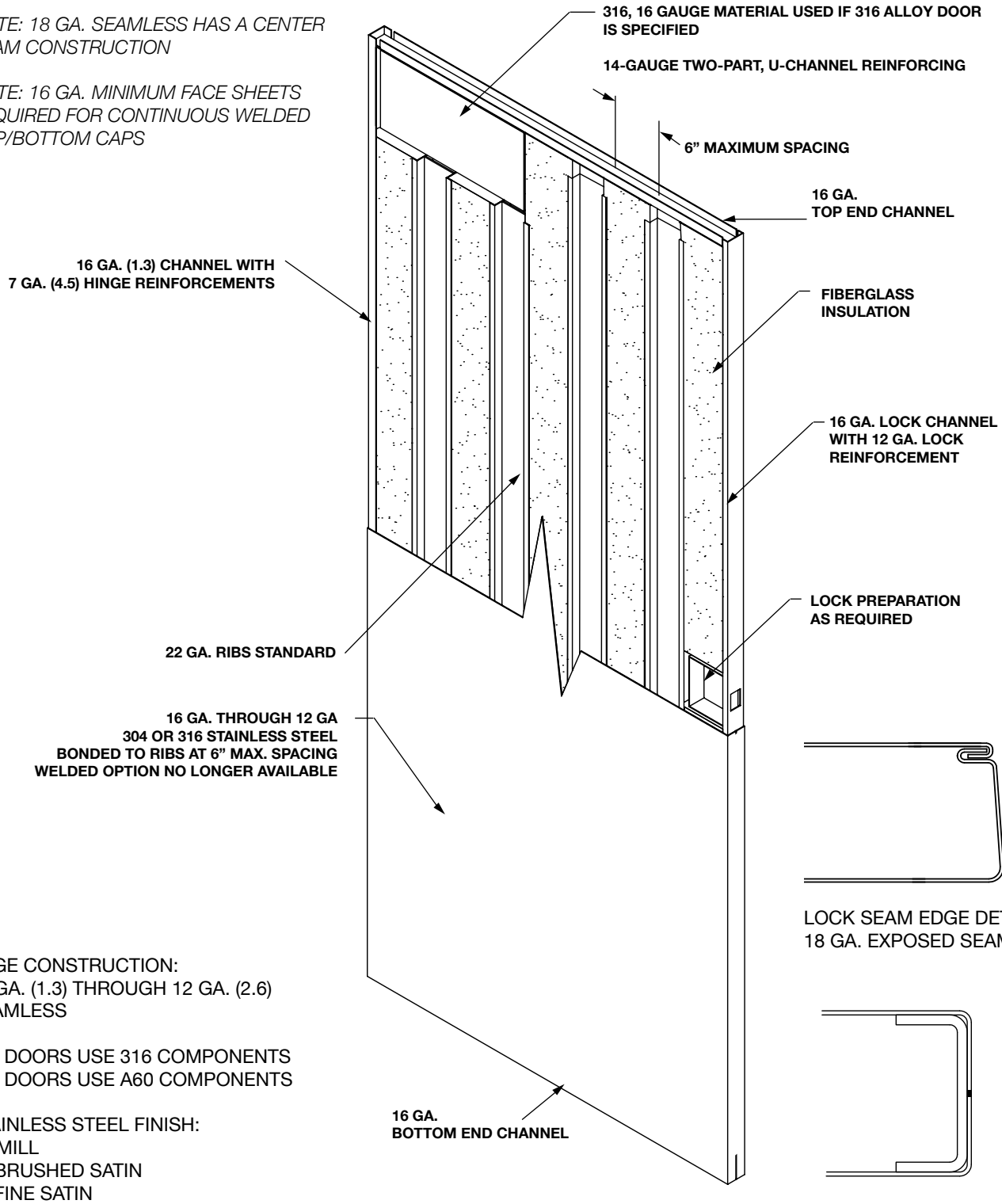
STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

747 STAINLESS STEEL DOOR CONSTRUCTION

CALL FOR FACTORY FIRE RATED OPTIONS

NOTE: 18 GA. SEAMLESS HAS A CENTER SEAM CONSTRUCTION

NOTE: 16 GA. MINIMUM FACE SHEETS REQUIRED FOR CONTINUOUS WELDED TOP/BOTTOM CAPS



LOCK SEAM EDGE DETAIL ON 18 GA. EXPOSED SEAM

CENTER SEAM ON 12, 14, OR 16 GA. FILLED SEAM

EDGE CONSTRUCTION:
16 GA. (1.3) THROUGH 12 GA. (2.6)
SEAMLESS

316 DOORS USE 316 COMPONENTS
304 DOORS USE A60 COMPONENTS

STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

BLAST AND HURRICANE RESISTANT SINGLES

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PERFORMANCE LEVELS:
- BLAST 6.16 PSI CATEGORY I/HURRICANE 150 PSF AND 50 FPS (REQUIRES 12 GAUGE SKIN)
- BLAST 9.74 PSI CATEGORY II/HURRICANE 150 PSF AND 50 FPS
- OPTIONAL UL FIRE RATING UP TO 3 HOURS

DOOR:
MIN. 2'8" X 6'8", MAX. 4'0" X 8'0" LEAF SIZE, 14 OR 12 GAUGE A60 GALVANNEALED FACE SHEETS, WITH STEEL STIFFENED AND FIBERGLASS CORE. 14 GAUGE TOP AND BOTTOM CHANNELS, WELDED TOP CAP.

SUGGESTED USE FOR COMBINATION HURRICANE AND BLAST PRODUCTS:
CRITICAL INFRASTRUCTURE, GOVERNMENT/MILITARY, PETRO CHEMICAL PLANTS, MUSEUMS, HURRICANE ENVIRONMENTS.

OPTIONAL FIRE RATING:
UP TO AND INCLUDING 3 HRS. IN ACCORDANCE WITH UL 10B, UL 10C, AND NFPA 252.

LOCK:
CORBIN RUSSWIN BL6600 SERIES OR SARGENT BL7300 SERIES

HINGES:
SEE PAGE 211

CLOSERS:
SEE PAGE 211

OPTIONAL HARDWARE & ACCESSORIES NOT PROVIDED BY CURRIES:
SEE PAGE 602

NOTES:
- *3/8" DOOR UNDERCUT*
- *3/8" MAX. BETWEEN BOTTOM OF DOOR AND TOP OF STRIKE*
- *BOTTOM STRIKE MUST BE ATTACHED TO CONCRETE OR STRUCTURAL STEEL AND ALLOW BOTTOM BOLT TO PROPERLY ENGAUGE STRIKE*
- *FLOORS MUST BE POURED LEVEL AND FRAMES MUST BE INSTALLED SQUARE AND PLUMB TO ALLOW DOORS TO FUNCTION PROPERLY*
- *DOORS AND FRAMES MUST BE ORDERED AT THE SAME TIME*

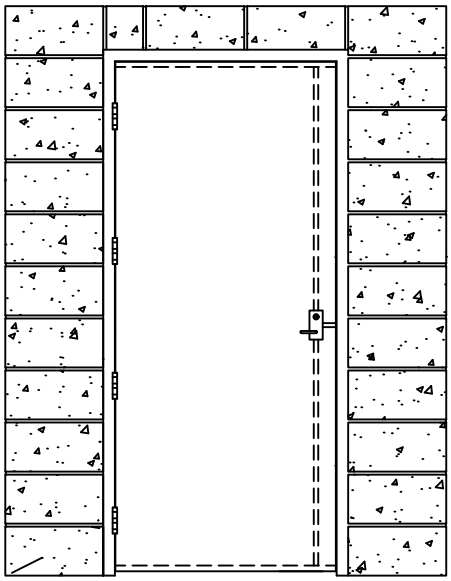
SWING:
THE COMBINATION OF BLAST AND HURRICANE RATED ASSEMBLIES MUST BE SEATED. SEATED IS DEFINED AS THE BLAST PRESSURE ACTING TO PUSH THE DOORS AGAINST THE STOPS.

NOTE:

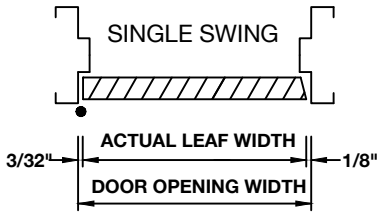
CORBIN RUSSWIN BL6600 & SARGENT BL7300 CONCEALED VERTICAL RODS, TOP & BOTTOM BOLTS, & MORTISE LOCK BODY CASETTE MUST BE FACTORY INSTALLED IN A CURRIES MULTI-SOLUTION DOOR. ALL OTHER HARDWARE COMPONENTS ARE SHIPPED DIRECTLY FROM SARGENT OR CORBIN RUSSWIN & MUST BE INSTALLED BY A FACTORY TRAINED INSTALLER.

IMPORTANT: DO NOT REMOVE ANY HARDWARE BLOCKING OR FILLER PLATES IN DOOR & THE FRAME UNTIL THE MORTISE LOCK IS READY TO BE INSTALLED.

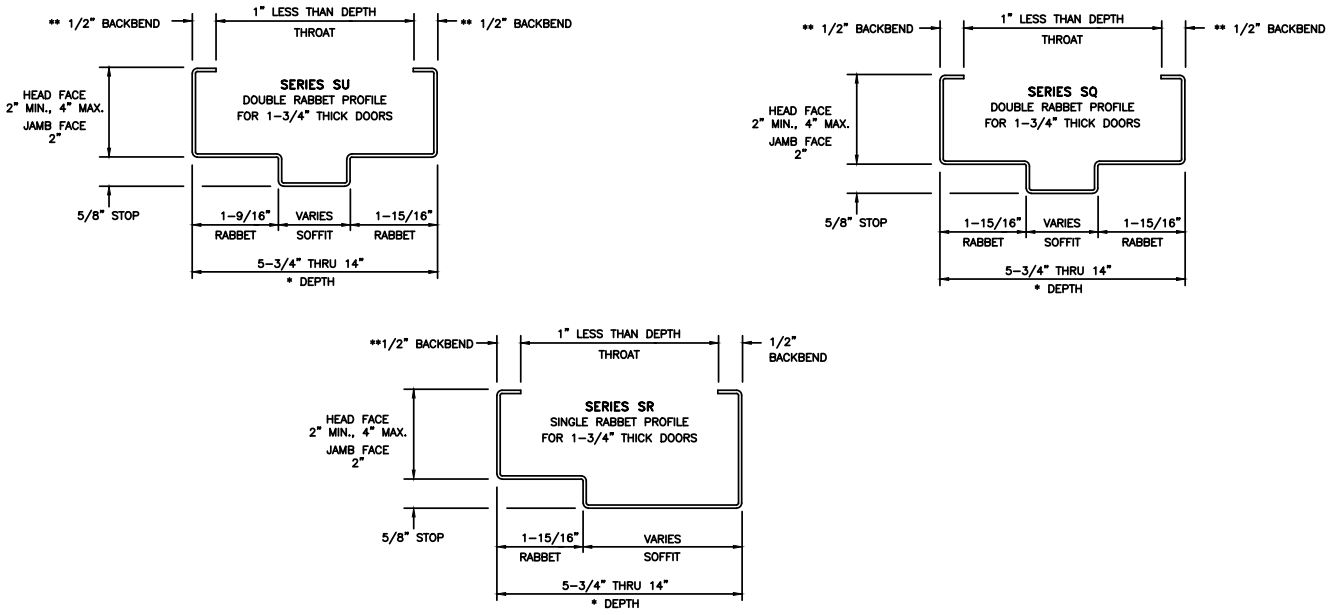
NOTE:
7'0" HEIGHTS & ABOVE (4) HINGES ARE REQUIRED WHEN USING BUTT HINGES BELOW 7'0" HEIGHTS (3) HINGES ARE REQUIRED WHEN USING BUTT HINGES



HORIZONTAL SECTION



BLAST AND HURRICANE RESISTANT SINGLES

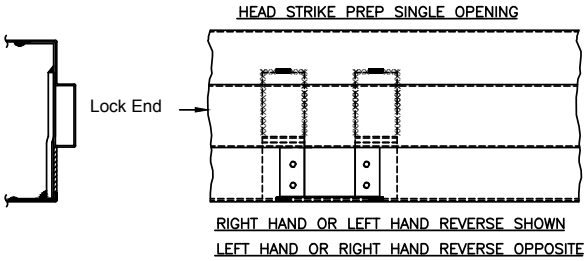


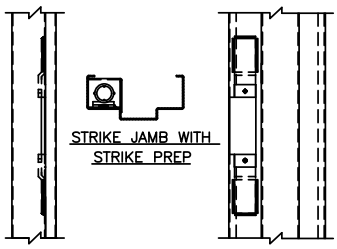
** FRAME DEPTHS AVAILABLE IN 1/8" INCREMENTS*
*** BACKBENDS FOR 5-3/4" DEPTH MAY BE 7/16", WHICH MEANS THE THROAT WOULD BE 4-7/8"*

FRAMES REQUIRE FACTORY WELDED CORNERS

FRAMES ARE CONSTRUCTED OF 14 GAUGE A60 FOR BLAST UP TO 9.74 PSI CATEGORY II.
FRAMES ARE CONSTRUCTED OF 12 GAUGE A60 FOR BLAST UP TO 6.16 CATEGORY I.

7'0" HEIGHTS AND ABOVE (4) HINGES ARE REQUIRED WHEN USING BUT HINGES.
BELOW 7'0" HEIGHTS REQUIRE (3) HINGES WHEN USING BUTT HINGES.





BLAST AND HURRICANE RESISTANT PAIRS

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PERFORMANCE LEVELS:
- BLAST 6.84 PSI CATEGORY II/HURRICANE 150 PSF AND 50 FPS
- OPTIONAL UL FIRE RATING UP TO 3 HOURS

DOOR:
MIN. 5'4" X 6'8", MAX. 8'0" X 8'0" LEAF SIZE, 14 GAUGE A60 GALVANNEALED FACE SHEETS, WITH STEEL STIFFENED AND FIBERGLASS CORE. 14 GAUGE TOP AND BOTTOM CHANNELS, WELDED TOP CAP.

SUGGESTED USE FOR COMBINATION HURRICANE AND BLAST PRODUCTS:
CRITICAL INFRASTRUCTURE, GOVERNMENT/MILITARY, PETRO CHEMICAL PLANTS, MUSEUMS, HURRICANE ENVIRONMENTS.

OPTIONAL FIRE RATING:
UP TO AND INCLUDING 3 HRS. IN ACCORDANCE WITH UL 10B, UL 10C, AND NFPA 252.

LOCK:
CORBIN RUSSWIN BL6600 SERIES OR SARGENT BL7300 SERIES

SURFACE BOLTS: CORBIN RUSSWIN 988CR OR SARGENT 988

HINGES:
SEE PAGE 211

CLOSERS:
SEE PAGE 211

OPTIONAL HARDWARE & ACCESSORIES NOT PROVIDED BY CURRIES:
SEE PAGE 602

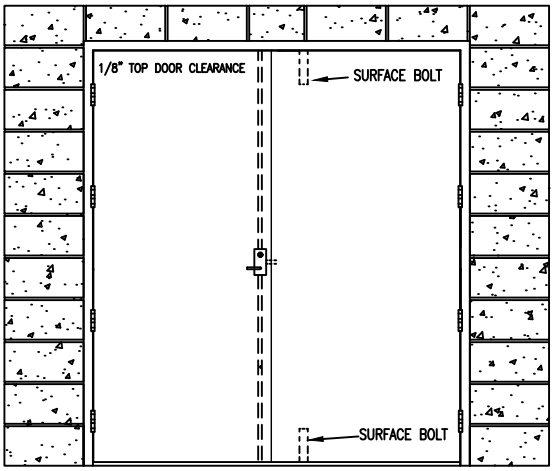
NOTES:
- *3/8" DOOR UNDERCUT*
- *3/8" MAX. BETWEEN BOTTOM OF DOOR AND TOP OF STRIKE*
- *BOTTOM STRIKES MUST BE ATTACHED TO CONCRETE OR STRUCTURAL STEEL AND ALLOW BOTTOM BOLTS TO PROPERLY ENGAGE STRIKES*
- *FLOORS MUST BE POURED LEVEL AND FRAMES MUST BE INSTALLED SQUARE AND PLUMB TO ALLOW DOORS TO FUNCTION PROPERLY*
- *DOORS AND FRAMES MUST BE ORDERED AT THE SAME TIME*
- *METAL ASTRAGALS ARE NOT ALLOWED*

SWING:
THE COMBINATION OF BLAST AND HURRICANE RATED ASSEMBLIES MUST BE SEATED. SEATED IS DEFINED AS THE BLAST PRESSURE ACTING TO PUSH THE DOORS AGAINST THE STOPS.

NOTE:
CORBIN RUSSWIN BL6600 & SARGENT BL7300 CONCEALED VERTICAL RODS, TOP & BOTTOM BOLTS, & MORTISE LOCK BODY CASETTE MUST BE FACTORY INSTALLED IN A CURRIES MULTI-SOLUTION DOOR. ALL OTHER HARDWARE COMPONENTS ARE SHIPPED DIRECTLY FROM SARGENT OR CORBIN RUSSWIN & MUST BE INSTALLED BY A FACTORY TRAINED INSTALLER.

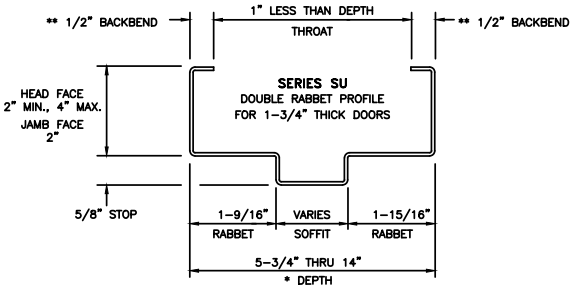
IMPORTANT: DO NOT REMOVE ANY HARDWARE BLOCKING OR FILLER PLATES IN DOOR & THE FRAME UNTIL THE MORTISE LOCK IS READY TO BE INSTALLED.

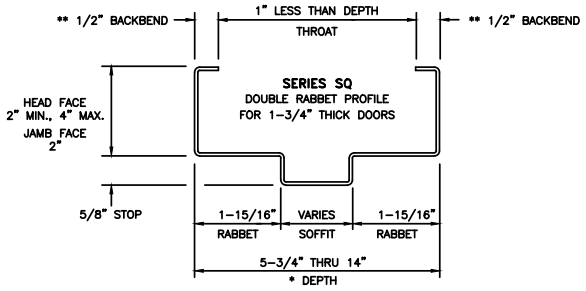
NOTE:
7'0" HEIGHTS & ABOVE (4) HINGES ARE REQUIRED WHEN USING BUTT HINGES BELOW 7'0" HEIGHTS (3) HINGES ARE REQUIRED WHEN USING BUTT HINGES

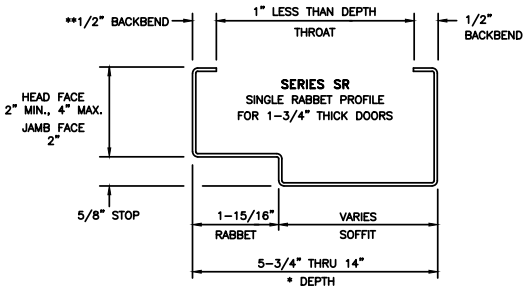


OPTIONAL:
THE UNEQUAL DOOR LEAVES ARE ALLOWED. 2'8" X 6'8" MINIMUM AND 4'0" X 8'0"

BLAST AND HURRICANE RESISTANT PAIRS





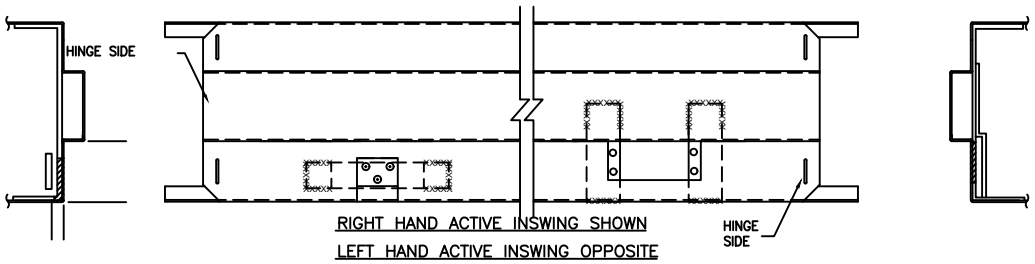


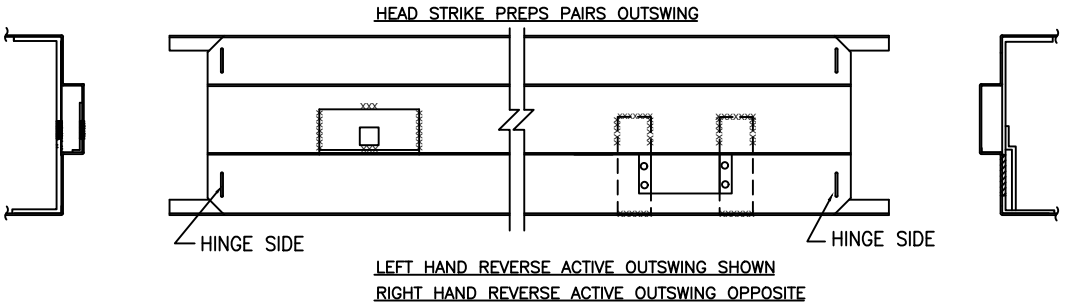
** FRAME DEPTHS AVAILABLE IN 1/8" INCREMENTS*
*** BACKBENDS FOR 5-3/4" DEPTH MAY BE 7/16", WHICH MEANS THE THROAT WOULD BE 4-7/8"*

FRAMES REQUIRE FACTORY WELDED CORNERS

FRAMES ARE CONSTRUCTED OF 14 GAUGE A60 FOR BLAST UP TO 6.84 CATEGORY II.

7'0" HEIGHTS AND ABOVE (4) HINGES ARE REQUIRED WHEN USING BUT HINGES.
BELOW 7'0" HEIGHTS REQUIRE (3) HINGES WHEN USING BUTT HINGES.

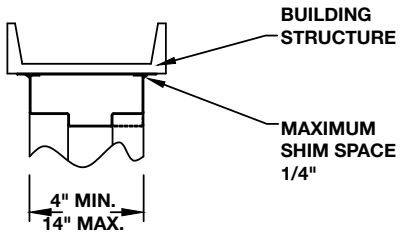


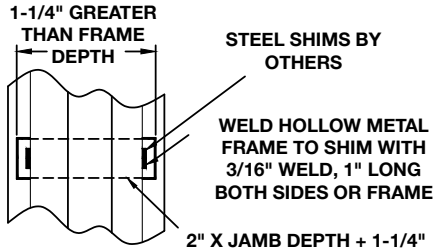


BLAST AND HURRICANE RESISTANT SINGLES AND PAIR

ANCHORING BY WELDING TO BUILDING STRUCTURE

18 GAUGE MIN. - 1/4" MAX. THICK A-36 STEEL SHIMS CENTERED UNDER FRAME. WELD PERIMETER OF 5/8" X 2" X 5/8" ENDS OF SHIMS TO STRUCTURAL BUILDING MEMBER WITH FILLET WELDS SIZED AS FOLLOWS USING E6018 ELECTRODES. FILLET WELD SIZE SAME AS SHIM THICKNESS FOR 0.053" TO 0.125" SHIM THICKNESS. WELD SIZE 1/8" FOR 0.125" TO 1/4" SHIM THICKNESS.





SINGLE FRAME HEAD ANCHOR LOCATIONS

OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENINGS 2'8" X 6'8" THRU 4'0" X 8'0"	WELDING TO THE BUILDING STRUCTURE	MINIMUM OF 2 WELD LOCATIONS REQUIRED. LOCATIONS ARE 6" FROM EACH DOOR JOMB RABBET. MUST WELD ON BOTH FACES OF THE FRAME HEAD AND SILL AT EACH LOCATION.

SINGLE JAMB ANCHOR LOCATIONS

OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENINGS 2'8" X 6'8" THRU 4'0" X 8'0"	WELDING TO THE BUILDING STRUCTURE	WELD LOCATIONS, MAXIMUM OF 12" FROM THE SILL, MAX. 10" FROM THE HEAD RABBET AND 24" MAX. ON CENTER. MUST WELD ON BOTH FACES OF THE FRAME AT EACH LOCATION.

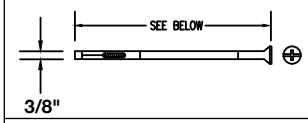
PAIRED OPENING FRAME HEAD ANCHOR LOCATIONS

OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
APPROVED MIN. OPENING SIZE UP TO AND INCLUDING MAX. OPENING SIZE	WELDING TO THE BUILDING STRUCTURE	MINIMUM OF 5 WELD LOCATIONS AND MUST WELD ON BOTH FACES OF THE FRAME HEAD & SILL AT EACH LOCATION; ONE LOCATION AT THE CENTERLINE OF THE DOOR MEETING EDGES. 2 ARE LOCATED 6" FROM THE CENTERLINE OF THE DOOR MEETING EDGES & 2 WELDS ARE LOCATED 6" FROM EACH DOOR JAMB RABBET.

PAIRED OPENING JAMB ANCHOR LOCATIONS

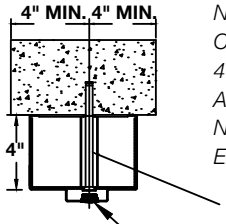
OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
APPROVED MIN. OPENING SIZE UP TO AND INCLUDING MAX. OPENING SIZE	WELDING TO THE BUILDING STRUCTURE	WELD LOCATIONS, MAXIMUM OF 12" FROM THE SILL, MAX. 10" FROM THE HEAD RABBET AND 24" MAX. ON CENTER. MUST WELD ON BOTH FACES OF THE FRAME AT EACH LOCATION.

FRAMES ARE NOT REQUIRED TO BE GROUTED WHEN WELDED TO BUILDING STRUCTURE



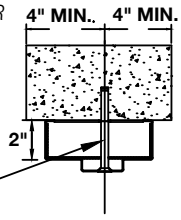
***FASTENERS ARE FLAT HEAD ZINC PLATED CARBON STEEL EXPANSION BOLTS FOR MASONRY FASTENER LENGTH 3/8" X 6" STEEL BOLT**

4" FACE FRAME HEAD ANCHORING



NOTE: MINIMUM PRECAST OR CMU WALL EDGE DISTANCE 4" TO CENTER OF BOT HOLE AT HEAD OR HEAD & JAMBS. NOTE:1-1/4" MINIMUM BOLT EMBEDMENT

2" FACE FRAME HEAD & JAMB ANCHORING

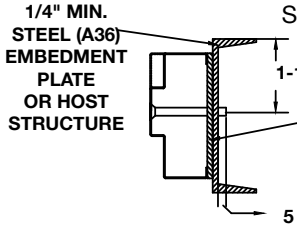


3/8" EXPANSION BOLT (SHIPS LOOSE FOR FIELD INSTALLATION)

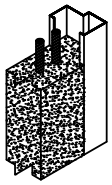
VINYL CAP PLUG
VINYL CAP PLUG (BAG OF 10) PART #6111049
VINYL CAP PLUG (BAG OF 100) PART #6111050
(SHIPS LOOSE FOR FIELD INSTALLATION)

EXISTING OPENING - PIPE & PLATE
FRAME NOT REQUIRED TO BE GROUTED

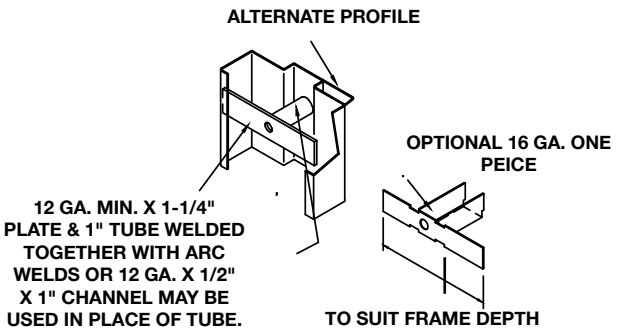
3/8" SMS/SELF DRILLING SCREW/UNC BOLT (BY OTHERS)



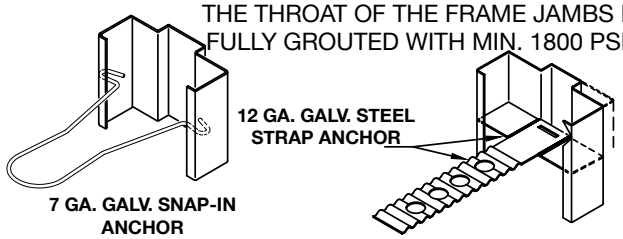
SCREW ATTACHMENT THROUGH EXISTING EMBEDMENT PLATE PROVIDED THAT DRILLING THROUGH PLATE IS PERMISSIBLE AS VERIFIED BY OTHERS.



POURED IN PLACE WALL



MASONRY - WIRE ANCHORSMASONRY T ANCHORS
THE THROAT OF THE FRAME JAMBS MUST BE FULLY GROUTED WITH MIN. 1800 PSI GROUT.



BLAST AND HURRICANE RESISTANT SINGLES AND PAIRS

HEAD ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENING	2'8" X 6'8" UP TO AND INCLUDING 4'0" X 8'0"	EXISTING WALL ANCHORS POWERS 3/8" LOCK-BOLT AS SLEEVE EXPANSION BOLT OR 3/8" SMS/SELF DRILLING SCREW/UNC BOLT	MINIMUM OF 2 ANCHORS REQUIRED. LCOATIONS ARE 6" FROM EACH DOR JAMB RABBET. WHEN ANCHORS ARE LOCATED IN THE DOOR RABBET, THE ANCHOR AT THE LOCK JAMB SIDE WILL BE LOCATED AT 9"

ANCHORS MAY BE INSTALLED THROUGH EXISTING EMBEDMENT PALTES, PROVIDED THAT DRILLING THROUGH EXISTING EMBEDMENT PLATES IS PERMISSIBLE AS VERIFIED BY OTHERS. ANY EXISTING EMBEDMENT PLATES SHALL BE DESIGNED AND VERIFIED BY OTHERS.
FRAMES ARE NOT REQUIRED TO BE GROUTED WHEN USING EXISTING WALL JAMB ANCHORS.

JAMB ANCHOR LOCATIONS

EXISTING OPENING BOLT OR SCREW FASTENED JAMB ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENING	2'8" X 6'8" UP TO AND INCLUDING 3'0" X 7'0"	EXISTING WALL ANCHORS POWERS 3/8" LOCK-BOLT AS SLEEVE EXPANSION BOLT OR 3/8" SMS/SELF DRILLING SCREW/UNC BOLT	MAXIMUM OF 8" FROM THE SILL, MAXIMUM 4" FROM THE HEAD RABBET, AND 21" MAXIMUM ON CENTER
	GREATER THAN 3'0" X 7'0" AND UP TO AND INCLUDING 4'0" X 8'0"	EXISTING WALL ANCHORS POWERS 3/8" LOCK-BOLT AS SLEEVE EXPANSION BOLT OR 3/8" SMS/SELF DRILLING SCREW/UNC BOLT	MAXIMUM OF 8" FROM THE SILL, MAXIMUM 4" FROM THE HEAD RABBET, AND 18" MAXIMUM ON CENTER

FRAMES ARE REQUIRED TO BE GROUTED WHEN USING MASONRY T OR WIRE MASONRY WALL JAMB ANCHORS.

12 GAUGE MASONRY "T" JAMB ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENING	2'8" X 6'8" UP TO AND INCLUDING 4'0" X 8'0"	12 GA. MASONRY T ANCHORS	MAX. OF 8" FROM THE SILL, MAX. 6" FROM THE HEAD RABBET, AND 24" ON CENTER MAX.

WIRE MASONRY JAMB ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENING	2'8" X 6'8" UP TO AND INCLUDING 3'0" X 7'0"	WIRE MASONRY ANCHORS	MAX. OF 12" FROM THE SILL, MAX. 10" FROM THE HEAD RABBET, AND 18" ON CENTER MAX.
	GREATER THAN 3'0" X 7'0" AND UP TO AND INCLUDING 4'0" X 8'0"	WIRE MASONRY ANCHOR	MAX. OF 12" FROM THE SILL, MAX. 10" FROM THE HEAD RABBET, AND 12" ON CENTER MAX.

HEAD ANCHOR LOCATIONS

NOTE: FOR UNEQUAL WIDTH PAIRS; ANCHOR QUANTITY/SPACING FOR EACH SIDE OF THE CENTERLINE OF THE DOOR MEETIN EDGES SHALL BE DETERMINED AS THOUGH THE LEAF SIZE WAS PART OF AN EQUAL WIDTH PAIR.

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
PAIR OPENING	APPROVED MIN. OPENING SIZE UP TO & INCLUDING 8'0" X 8'0"	EXISTING WALL ANCHORS POWERS 3/8" LOCK-BOLT AS SLEEVE ANCHOR OR 3/8" SMS/SELF DRILLING SCREW/UNC BOLT	MINIMUM OF 6 ANCHORS. ON BOTH SIDES OF THE CENTERLINE OF THE DOOR MEETING EDGES: ONE EACH LOCATED AT 8" AND 15" FROM THE CENTERLINE OF THE DOOR MEETING EDGES. 2 ANCHORS REQURED 6" FROM EACH DOOR JAMB RABBET.

ANCHORS MAY BE INSTALLED THROUGH EXISTING EMBEDMENT PLATES, PROVIDED THAT DRILLING THROUGH EXISTING EMBEDMENT PLATES IS PERMISSIBLE AS VERIFIED BY OTHERS. ANY EXISTING EMBEDMENT PLATES SHALL BE DESIGNED AND VERIFIED BY OTHERS. FRAMES ARE NOT REQUIRED TO BE GROUTED WHEN USING EXISTING WALL JAMB ANCHORS. JAMB ANCHOR LOCATIONS FOR BL7300/BL6600.

EXISTING OPENING & SCREW FASTENED JAMB ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
PAIR OPENING	APPROVED MIN. OPENING SIZE UP TO & INCLUDING 8'0" X 8'0"	EXISTING WALL ANCHORS POWERS 3/8" LOCK-BOLT AS SLEEVE ANCHOR OR 3/8" SMS/SELF DRILLING SCREW/UNC BOLT	MAXIMUM OF 8" FROM THE SILL, MAXIMUM OF 4" FROM THE HEAD RABBET, AND 24" MAXIMUM ON CENTER.

12 GAUGE MASONRY T ANCHORS & WIRE MASONRY ANCHORS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
PAIR OPENING	APPROVED MIN. OPENING SIZE UP TO & INCLUDING MAX. OPENING SIZE	12 GA. MASONRY ANCHORS	MAXIMUM OF 8" FROM THE SILL, MAXIMUM OF 6" FROM THE HEAD RABBET, AND 24" MAXIMUM ON CENTER.
PAIR OPENING	APPROVED MIN. OPENING SIZE UP TO & INCLUDING 8'0" X 8'0"	WIRE MASONRY ANCHORS	MAXIMUM OF 12" FROM THE SILL, MAXIMUM OF 10" FROM THE HEAD RABBET, AND 16" MAXIMUM ON CENTER.

BLAST AND HURRICANE SINGLES AND PAIRS

CONTINUOUS HINGES
- MARKAR HG305 CONTINUOUS HINGE
- MARKAR CONTINUOUS HINGES WITH OR WITHOUT EL OPTION

NOTE: A CONTINUOUS HINGE REQUIRES A CONTINUOUS HINGE REINFORCEMENT IN DOOR AND FRAME.

WIDE THROW CONTINUOUS HINGES
- MARKAR HG305WT10 WIDE THROW HINGE WITH OR WITHOUT EL OPTION
- MARKAR FM300WT WIDE THROW HINGE (WT10 THRU WT50) OUTSWING ONLY WITH OR WITHOUT EL OPTION

NOTE: A CONTINUOUS HINGE REQUIRES A CONTINUOUS HINGE REINFORCEMENT IN DOOR AND FRAME.

HEAVY WEIGHT STANDARD AND WIDE THROW FULL MORTISE BUTT HINGES
- MCKINNEY SP3786 (4-1/2" X 4-1/2" X .180 OR 5"X4-1/2" X .190)
- MCKINNEY SP3386 (4-1/2" X 4-1/2" X .180 OR 5"X4-1/2" X .190)
- MCKINNEY SP3386 AND SP3786 (4-1/2" X 5", 4-1/2" X 6", 4-1/2" X 7", 4-1/2" X 8", 5" X 4-1/2", 5" X 5", 5" X 6", 5" X 7" AND 5" X 8")
- MCKINNEY SP3386 AND SP3786 WITH OR WITHOUT QC OPTION
- MCKINNEY SP3386 AND SP3786 WITH OR WITHOUT NRP

DOOR CLOSERS
- CORBIN RUSSWIN DC8000 SERIES DOOR CLOSER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)
- NORTON 7500 SERIES DOOR CLOSER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)
- SARGENT 281 SERIES DOOR CLOSER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)
- ASSA ABLOY ACCENTRA 4400 SERIES DOOR CLOSER (THRU-BOLD MOUNTING OF BODY TO DOOR ONLY)

DOOR CLOSER/HOLDERS
- SARGENT 2409 CLOSER/HOLDER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)
- SARGENT 351 EHT CLOSER/HOLDER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)
- NORTON 7700PT ELECTRIC DOOR CLOSER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)

OVERHEAD STOP/HOLDERS
- RIXSON 9 SERIES OVERHEAD STOP/HOLDER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)

MECHANICAL HOLDERS
- ROCKWOOD 491S OR 494S MECHANICAL HOLDERS (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)

ELECTROMECHANICAL HOLDERS
- RIXSON 998/998M, 999M, 980M, 990M, 991M, 996M OR 997M ELECTROMECHANICAL HOLDERS (THRU-BOLT MOUNTING OF DOOR ARMATURE TO DOOR ONLY)
- SARGENT 1560, 1561 OR 1562 ELECTROMECHANICAL HOLDERS (THRU-BOLT MOUNTING OF CONTACT PLATE TO DOOR ONLY)

BLAST AND HURRICANE SINGLES AND PAIRS

BACK

CONTENTS
INTRODUCTION
GEN. INFORMATION
FRAMES
FIRE RATED
DOORS
WINDSTORM
SPECIALTY

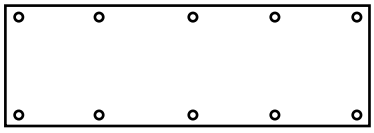
PEMKO PERIMETER SEALS:
S773, 305 PERIMETER SEAL
346 RAIN DRIP (THREAT SIDE MOUNTING ONLY)
345 DOOR BOTTOM (THREAT SIDE MOUNTING ONLY)
S771 ASTRAGAL OR S772 ASTRAGALS
2715 THRESHOLD

ELECTRONIC POWER TRANSFER:
CEPT, HANCHETT ENTRY SYSTEMS, DBA SECURITRON MAGNALOCK CORP.

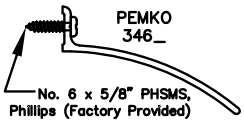
DOOR POSITION SWITCH:
DPS-M, SECURITRON MAGNALOCK CORP.

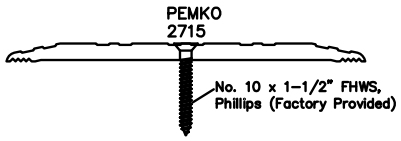
KICK PLATE:
ROCKWOOD K1050 (MUST BE SCREW APPLIED FOR FIRE RATED ASSEMBLIES ON
BLAST OR UNPROTECTED SIDE OF THE DOOR)
NOTE: KICK PLATES MUST BE INSTALLED ON THE TREAT SIDE OF THE OPENING

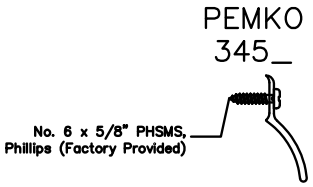
WIRE HARNESS:
QC-C1500P ELECTROLYNX WIRE HARNESS

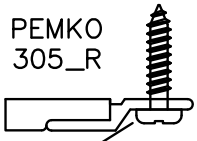


K1050 KICK PLATE

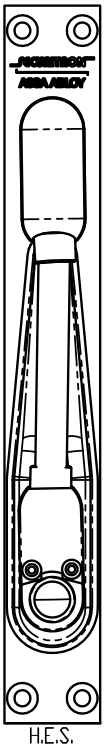




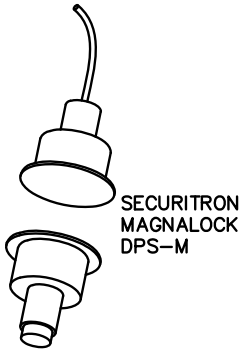


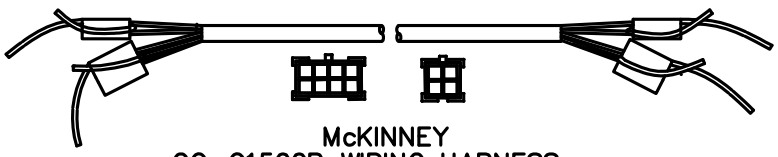


No. 6 x 5/8"
PHSMS, Phillips
(Factory Provided)



H.E.S.
CEPT
FACE OF ONE SIDE





McKINNEY
QC-C1500P WIRING HARNESS

EMI-RFI/STC SHIELDING ASSEMBLIES WITH SPLIT FRAME AND ADJUSTABLE SEALS

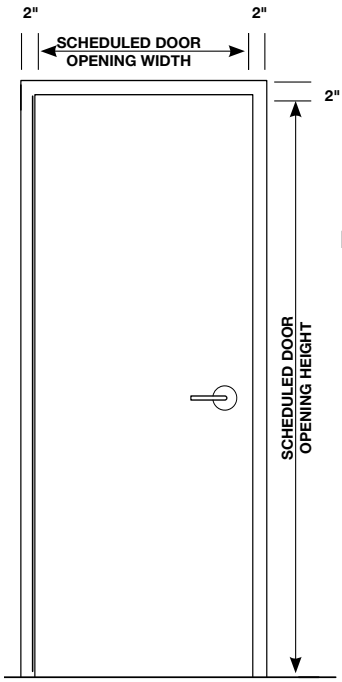
SPECIFICATIONS:

- DOOR AND FRAME TO BE MANUFACTURED WITH STAINLESS STEEL.
- AN ALUMINUM EMI-RFI/STC SHIELDING THRESHOLD IS INCLUDED (STAINLESS STEEL OPTION).
- ASSEMBLY IS EQUIPPED WITH EMI-RFI/STC STAINLESS STEEL SHIELDING DOOR, EMI-RFI/STC STAINLESS STEEL FRAME, EMI-RFI/STC SEALS, CONTUCTIVE CAULK, CONDUCTIVE TAPE, THRESHOLD, AND CAM-LIFT HINGES. PRODUCT IS ALSO CRATED FOR SHIPMENT.
- BOTTOM SEALS REQUIRE A FLUSH LEVEL SEALING SURFACE. THE THRESHOLD MUST BE LEVEL AND MAY REQUIRE SHIMMING TO COMPENSATE FOR AN UNEVEN FLOOR. CONDUCTIVE CAULK SHOULD BE USED APPLIED TO THRESHOLD MATING CONTACT POINTS WITH FRAME ESPECIALLY IN GAPS OR JOINTS. THIS WILL PREVENT ANY EMI-RFI/STC LEAKS AT THIS LOCATION.
- DOOR THICKNESS IS 1-3/4". BE AWARE THAT THE FRAME MUST BE SECURELY TIED TO THE EMI-RFI/STC SHIELDING SYSTEM FOR THE STRUCTURE, ROOM OR BUILDING, FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.
- DOORS ARE TO BE FORMED OF NO LESS THAN 16 GAUGE STAINLESS STEEL FACE SHEETS.
- FRAMES ARE TO BE FORMED OF NO LESS THAN 14 GAUGE SHEET STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND GROUND SMOOTH.
- DOORS AND FRAMES ARE FORMED WITH COMMERCIAL QUALITY STAINLESS STEEL CONFORMING TO ASTM A240 AND A480.
- IEEE STD. 29-2006 STANDARD METHOD FOR MEASURING THE EFFECTIVENESS OF ELECTROMAGNETIC SHIELDING ENCLOSURES FOR EFFECTIVENESS, FROM 9 KHZ TO 18 GHZ.
- THIS ASSEMBLY IS FIRE RATED UP TO 90 MIN.

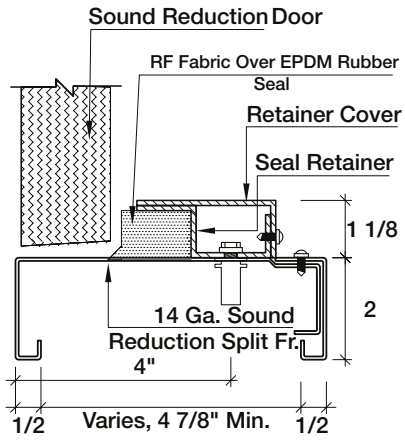
304 OR 316 STAINLESS STEEL PRIME PAINTED:
#4 BRUSHED SATIN FINISH ONLY
STAINLESS STEEL OPTIONS: #2B MILL, #4 BRUSHED SATIN, #6 FINE SATIN, XL BLEND FINISHES AVAILABLE

MATERIAL SHELF-LIFE DISCLAIMER: *SOME COMPONENTS PROVIDED WITH EMI-RFI ASSEMBLIES, INCLUDING BUT NOT LIMITED TO CONDUCTIVE CAULKS, ARE SUBJECT TO MANUFACTURER-CONTROLLED SHELF-LIFE LIMITATIONS. THE USABLE LIFE OF THESE MATERIALS MAY BE SHORTER THAN THE OVERALL LEAD TIME OF THE PROJECT. IT IS THE CUSTOMER'S RESPONSIBILITY TO INSPECT MATERIALS UPON DELIVERY, CONFIRM EXPIRATION DATES, AND ENSURE INSTALLATION PRIOR TO THE END OF THE MANUFACTURER'S STATED SHELF LIFE. ASSA ABLOY DOOR GROUP DISCLAIMS LIABILITY FOR ANY DEGRADATION, NON-PERFORMANCE, OR INSTALLATION CHALLENGES RESULTING FROM EXPIRED MATERIALS.*

PLEASE CONTACT SPECIALTY TECH SUPPORT TEAM FOR MORE INFORMATION: SPECIALTYPRODUCTS.TECHSUPPORT@ASSAABLOY.COM



EMI-RFI SHIELDING ASSEMBLIES MEETS OR EXCEEDS COMMONLY SPECIFIED SHIELDING EFFECTIVENESS RATINGS IN ACCORDANCE WITH IEEE-299 SUCH AS 60 DB AT 10 GHZ. CUSTOMER MUST DEFINE STANDARD/SPECIFICATION DESIRED, RELEVANT FREQUENCIES, AND REQUIRED SHIELDING EFFECTIVENESS TO ENSURE ASSEMBLY WILL MEET SPECIFIED REQUIREMENTS.

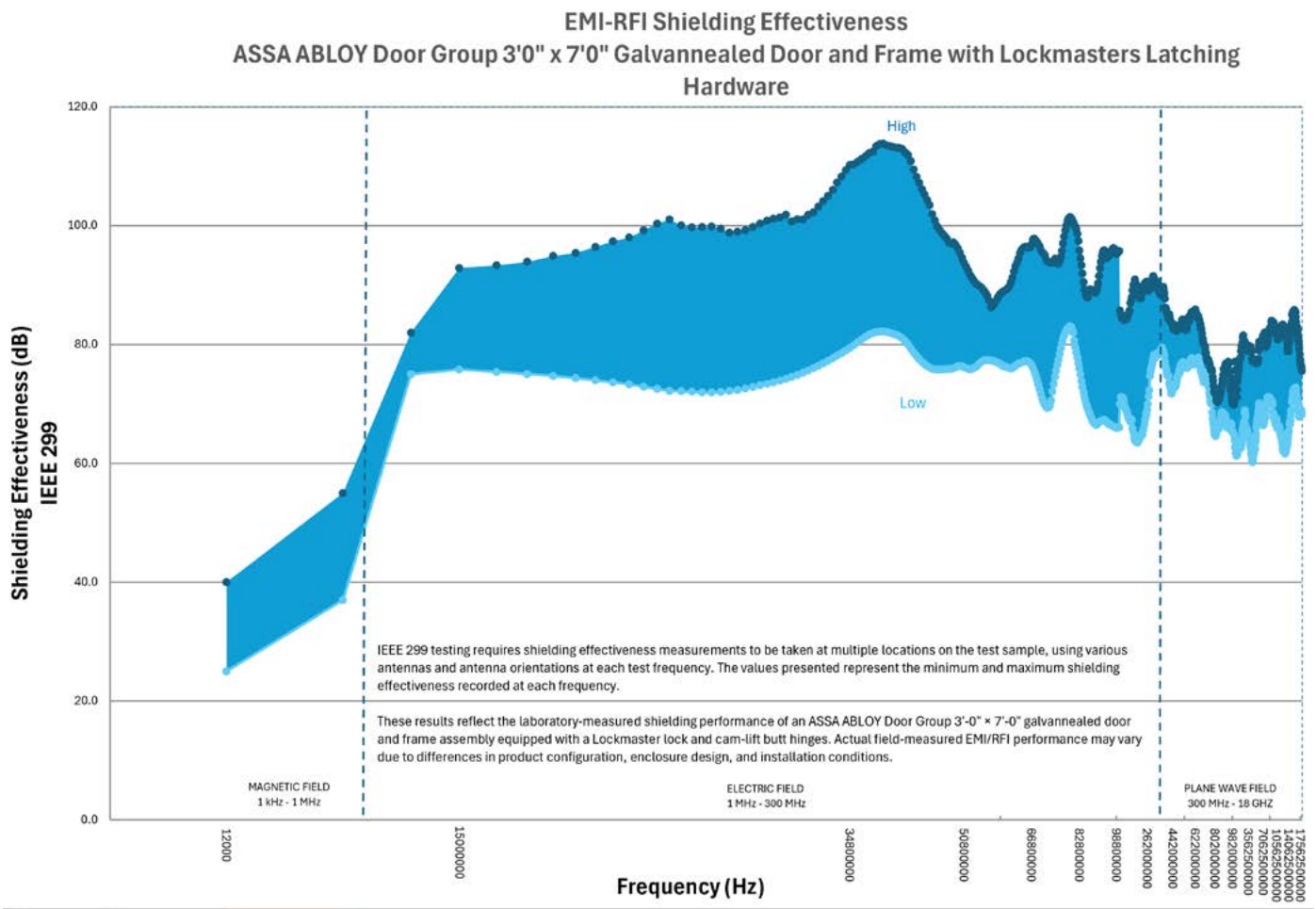


RFS2C - Perimeter Rubber Compression Seals For Split Frame Profile

The Recommended Rough Opening is Door Width plus 3 1/2" and Door Height plus 1 3/4"

OPENING	LOCK	STC CONSTRUCTION
SINGLES	MORTISE OR CYLINDRICAL	UP TO STC 50 OPERABLE
SINGLES	LOCKMASTERS (SCIF)	
PAIRS	EXIT DEVICE	

EMI-RFI/STC SHIELDING ASSEMBLIES EFFECTIVENESS SUMMARY



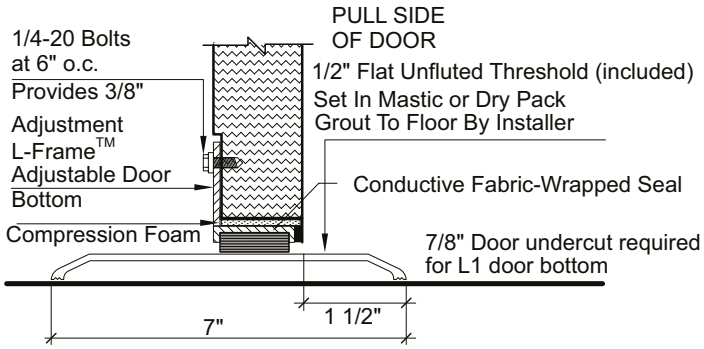
WHILE ALL SCIFS REQUIRE ACOUSTIC PROTECTION, **RF SHIELDING IS ONLY REQUIRED** IF THE **ACCREDITING OFFICIAL (AO)** OR **CERTIFIED TEMPEST TECHNICAL AUTHORITY (CTTA)** DETERMINES THERE IS A SPECIFIC RISK OF ELECTRONIC EMANATION OR INTERFERENCE.

1. **STANDARD SCIF:** NO RF SHIELDING REQUIRED; FOCUS IS ON **STC 45/50 AND PHYSICAL LOCKS.**
2. **RF-SHIELDED SCIF (IEEE 299):** OFTEN REQUIRES **40 DB TO 60 DB** OF ATTENUATION ACROSS THE **1 KHZ – 10 GHZ RANGE.**
3. **TEMPEST SCIF (NSA):** REQUIRES THE **HIGHEST LEVEL OF SHIELDING**, TYPICALLY **60 DB TO 100 DB** ACROSS THE IEEE 299 SPECTRUM (9 KHZ – 18 GHZ)

PROTECTION TYPE	FREQUENCY / STANDARD	PERFORMANCE LEVEL	ICD 705 / TEMPEST REQUIREMENT
MAGNETIC FIELD	9 kHz - 20 MHz - 20 MHZ	**30 dB - 90 dB**	IEEE 299 LOW-FREQ PROTECTION
ELECTRIC FIELD	20 MHz - 300 MHz	**100 dB+**	IEEE 299 RESONANT PROTECTION
PLANE WAVE	300 MHz - 18 GHz	**60 dB - 100 dB**	TEMPEST / NSA EAVESDROPPING
PLANE WAVE	1 kHz - 10 GHz	**40 dB - 60 dB**	ICD 705 (SCIF)
ACOUSTIC (GROUP 3)	ASTM E90 / E413	**STC 45**	STANDARD SCIF PERIMETER
ACOUSTIC (GROUP 4)	ASTM E90 / E413	**STC 50+**	HIGH-PRIVACY / LOUD AREA SCIF

EMI-RFI/STC SHIELDING ASSEMBLIES WITH SPLIT FRAME AND ADJUSTABLE SEALS

DOOR BOTTOM CONSTRUCTION



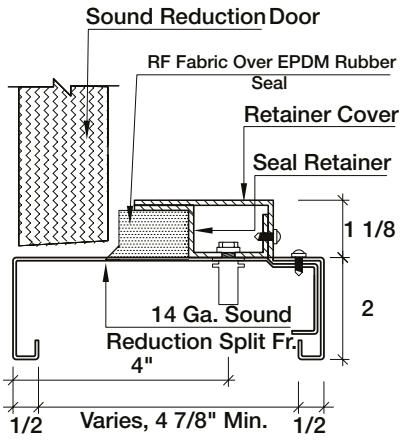
L1RF (L- Frame)

Door Bottom

Threshold must be level and filled to compensate for uneven floors and prevent sound leaks.

Threshold should protrude 1 1/2" past face of frame to allow the conductive fabric-wrappedseal section of the door bottom to seat properly during normal operation with the Cam hinges.

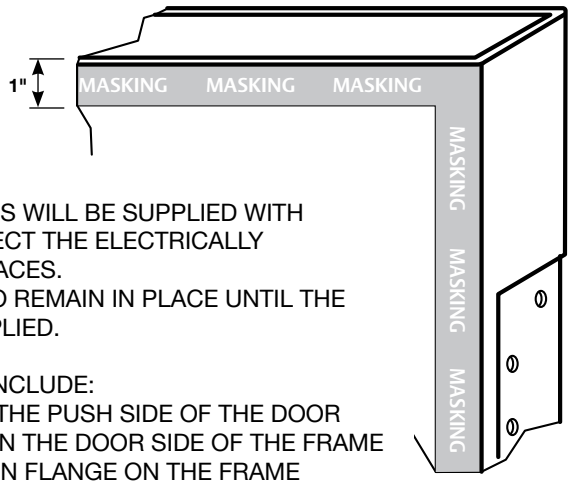
TYPICAL FRAME PROFILES



RFS2C - Perimeter Rubber Compression Seals For Split Frame Profile

The Recommended Rough Opening is Door Width plus 3 1/2" and Door Height plus 1 3/4"

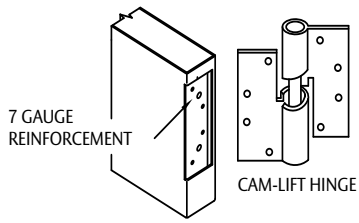
NOTE: 1-1/2" RETURN FLANGE AVAILABLE ON EITHER SIDE OF FRAME TO ALIGN WITH RF MATERIAL IN WALL.



DOORS AND FRAMES WILL BE SUPPLIED WITH MASKING TO PROTECT THE ELECTRICALLY CONDUCTIVE SURFACES.
THIS MASKING IS TO REMAIN IN PLACE UNTIL THE FINISH PAINT IS APPLIED.

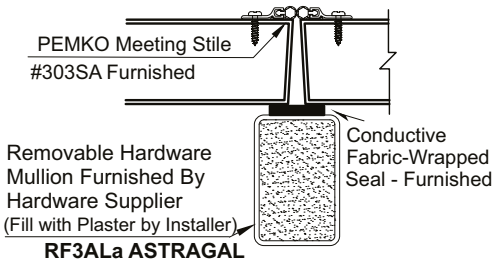
THESE SURFACES INCLUDE:
- 1" PERIMETER OF THE PUSH SIDE OF THE DOOR
- 1" STOP HEIGHT ON THE DOOR SIDE OF THE FRAME
- 1-1/2" CONNECTION FLANGE ON THE FRAME

CAM-LIFT HINGES

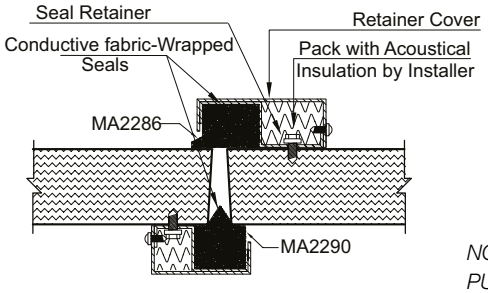


HINGE PREPARATION
(HINGE PREP. IS HANDED)

PAIRED OPENINGS



RF3ALa ASTRAGAL



RF1ALa Astragal

For Pairs with Inactive Leaf

NOTE: STRIKE BRACKETS PURCHASED FROM LOCK SUPPLIER.