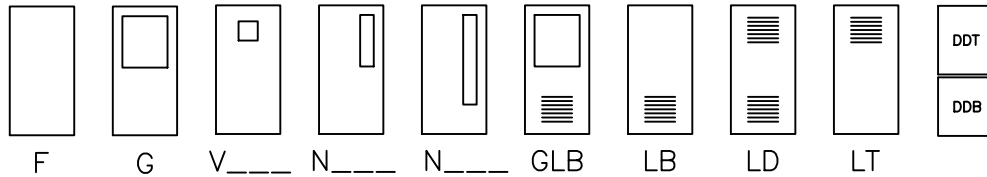
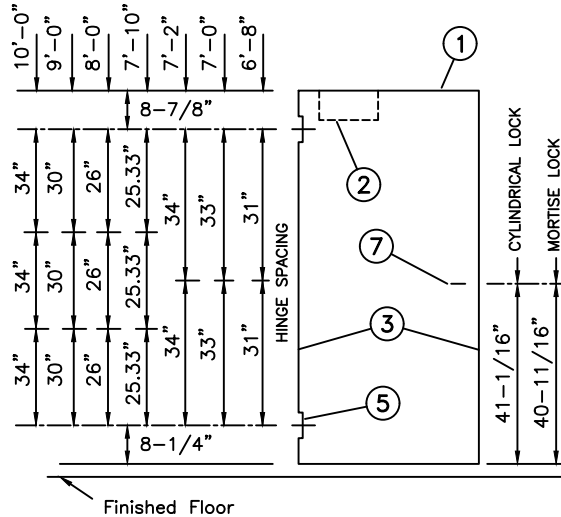


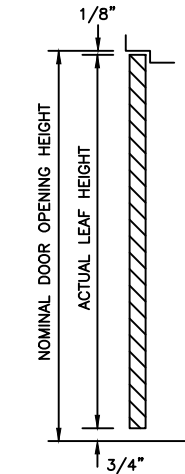
DOOR DESIGNS



APPLIED LOUVERS
DUTCH
V, G, & N
DESIGNS AVAILABLE



DOOR ELEVATION



VERTICAL SECTION

FIRE DOORS:
TEST: UL10B, UL10C, NFPA252 & UL1784

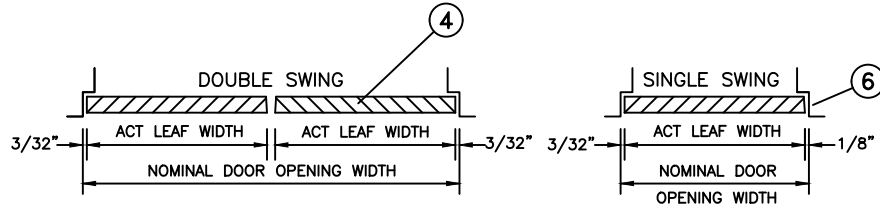
LABELING AGENCIES:
UL SOLUTIONS
WARNOCK HERSEY

RATING: 20 MIN THRU 3 HR
MAX. SIZE: 4'0" x 8'0" SINGLE
8'0" x 8'0" PAIR

DESIGNS: F, G, N & V

NO FIRE RATING ON DUTCH DOORS

Cold rolled steel is standard
Galvannealed and galvanized steel are optional



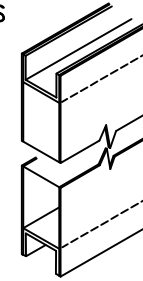
HORIZONTAL SECTIONS

1-3/4" IMPERIAL (IQ) WITH QMAX THERMALLY ENHANCED CORE, CENTER SEAM CONSTRUCTION

① END CHANNELS

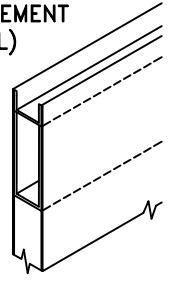
INVERTED
TOP AND
BOTTOM

OPTIONAL
TOP AND
BOTTOM
STEEL CAPS



② CLOSER REINFORCEMENT (OPTIONAL)

14 GAGE STEEL
CHANNEL 20"

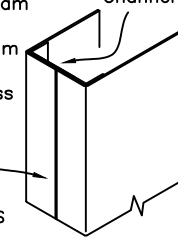


③ VERTICAL EDGES

Visible Edge Seam
(Standard)
Filled Edge Seam
(Optional)
Welded Seamless
Edge (Optional)

14 GAGE STEEL
WELDED SEAMLESS
(ONLY)

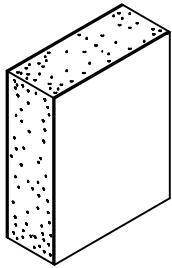
16 Gage
Full Height
Channel



④ CORE

MINIMUM
.9 LB/FT³ DENSITY
QMAX THERMALLY
ENHANCED CORE
PER ASTM C303

CONFORMS TO
ASTM C578,
TYPE 1.

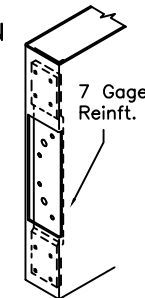


⑤ HINGE PREPARATION

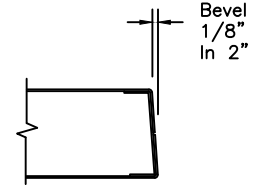
4-1/2" or 5"
High, Standard
or Heavy Weight
Full Mortise
Hinges

ANSI A156.7
Template

Handed



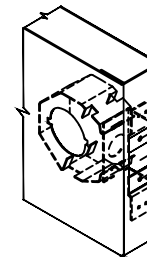
⑥ LOCK EDGE



LOCK PREPARATION ⑦

(LC1)

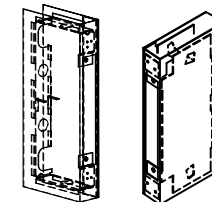
GOV. 160/161
CYLINDRICAL
LOCK PREP
(ANSI A115.2)
2-3/4"
BACKSET



LOCK PREPARATION GOV. 86,
ANSI/BHMA A115.1 MORTISE TYPE

(LM0)

NOTE: EITHER OF THE LOCK
REINFORCEMENTS/
GUARDS SHOWN MAY
BE INSTALLED WITH
ANY MORTISE LOCK
PREPARATION.



CecoDoor (Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)

ASSA ABLOY

DRAWN BY _____ DATE _____
CHK'D BY _____ DATE _____

SHT _____ CONTRACT NO. _____
OF _____
ISSUE DATE _____ REVISIONS _____ BY _____

FOR HAND & SWING
SEE DOOR SCHEDULE



NOTE: FOR GLAZING TRIM, LOUVERS
OR ASTRAGALS REQUIRED, SEE DOOR
SCHEDULE & ACCESSORY SHEET

THERMAL
INSULATION
VALUE

SOUND
TRANSMISSION

PHYSICAL
ENDURANCE
TEST
DATA

SDI-113 & ASTM C1199 FLUSH DOOR WITH MERCURY 3 FRAME R = 3.10 U = 0.32
CORE CALCULATED (ASTM C518) R = 7.8 U = 0.13

SOUND TRANSMISSION CLASS (STC): 27 F DESIGN, 18 GAGE FACE
SHEETS -- ASTM E90 & E413 (FULLY OPERABLE)

MEETS OR EXCEEDS ANSI A 250.4 PERFORMANCE TEST;
20 gage steel (500,000 cycles); 18 & 16 gage steel (1,000,000 cycles).