

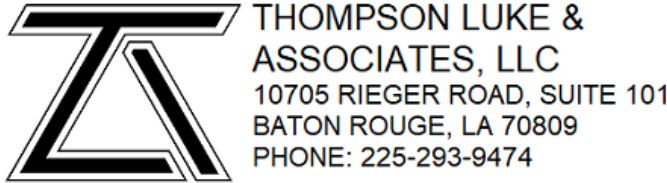
MARY BIRD PERKINS CANCER CENTER TENANT BUILD-OUT

5215 ESSEN LANE
BATON ROUGE, LA 70809
ISSUED FOR PERMIT

ARCHITECT



MECHANICAL & ELECTRICAL ENGINEER



CONTRACTOR



SHEET INDEX

COVER	TITLE & SHEET INDEX
A000	LIFE SAFETY PLAN
A001	SCHEDULES
A100	FLOOR PLAN
A300	ENLARGED PLANS
A400	REFLECTED CEILING PLAN
A500	WALL TYPES
A600	INTERIOR ELEVATIONS

CONSULTANT DRAWINGS
(BY OTHERS)

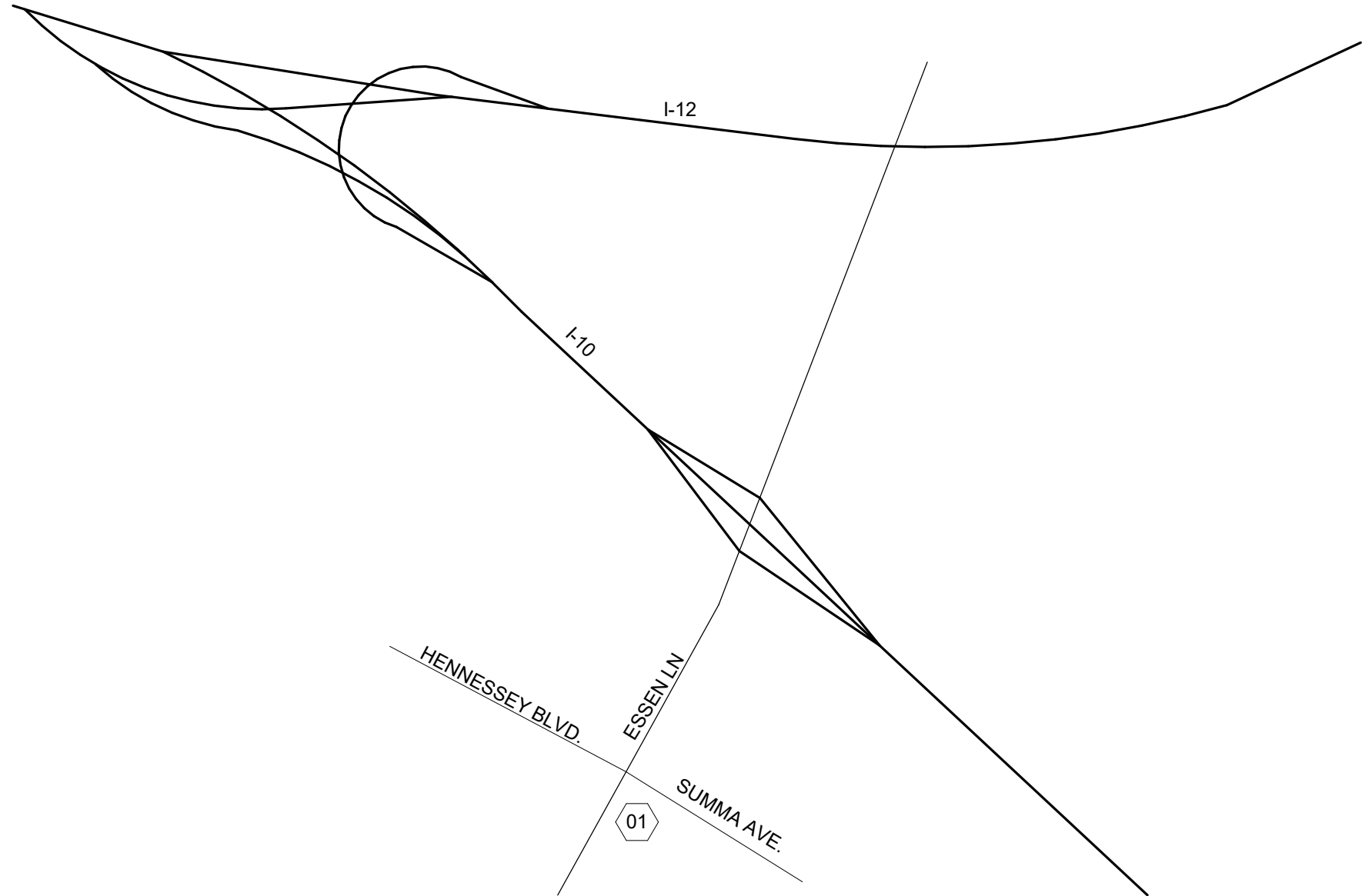
M1.0	MECHANICAL PLAN
M2.0	MECHANICAL SCHEDULES
M3.0	MECHANICAL DETAILS
P1.0	SANITARY SEWER PLAN
P1.1	DOMESTIC WATER PLAN
P2.0	PLUMBING SCHEDULES
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E0.0	ELECTRICAL COVER SHEET
E1.0	DEMOLITION PLAN
E2.0	POWER PLAN
E2.1	LIGHTING PLAN
E2.2	ELECTRICAL CONNECTIONS PLAN
E3.0	PANEL SCHEDULES
E4.0	DETAILS

REFERENCE NOTES

01 PROJECT LOCATION

GENERAL NOTES

1. DATA CABLING TO BE BY OWNER.



@ : AT
AFF : ABOVE FINISHED FLOOR
CJ : CONTROL JOINT
Ø : DIAMETER
EA : EACH
EQ : EQUAL
FFE : FINISH FLOOR ELEVATION
GYP : GYPSUM BOARD
MAX : MAXIMUM
MIN : MINIMUM
NTS : NOT TO SCALE
OC : ON CENTER
OF/CI : OWNER FURNISHED/
CONTRACTOR INSTALLED
OH : OPPOSITE HAND
PEMB: PRE-ENGINEERED
METAL BUILDING
RE : REFERENCE
SIM : SIMILAR
TOS : TOP OF STEEL
TS : TRANSITION STRIP
TYP : TYPICAL
TH : THRESHOLD
UNO : UNLESS NOTED OTHERWISE
VOJ : VERIFY ON JOB

DETAIL SHEET
EXTERIOR ELEVATIONS
X SHEET X
INTERIOR ELEVATIONS
DETAIL SHEET
DETAIL CALLOUT

DETAIL SHEET
ENLARGED PLAN CALLOUT

ELEVATION MARK
DOOR NO. DOOR SYMBOL
DRAWING NO. WINDOW TYPE WINDOW SYMBOL
ROOM NO. ROOM NAME ROOM LABELS
WALL TYPE
SLOPE
REFERENCE NOTE
DIM. LINE

10' - 0" A.F.F.
COLUMN LINE
CUT LINE
SECTION
WALL SECTION
KEYNOTE WITH LEADER

2 ABBREVIATIONS & SYMBOLS
NO SCALE

MARY BIRD PERKINS CANCER CENTER
TENANT BUILD-OUT
5215 ESSEN LANE
BATON ROUGE, LA



Project Number 2022-52

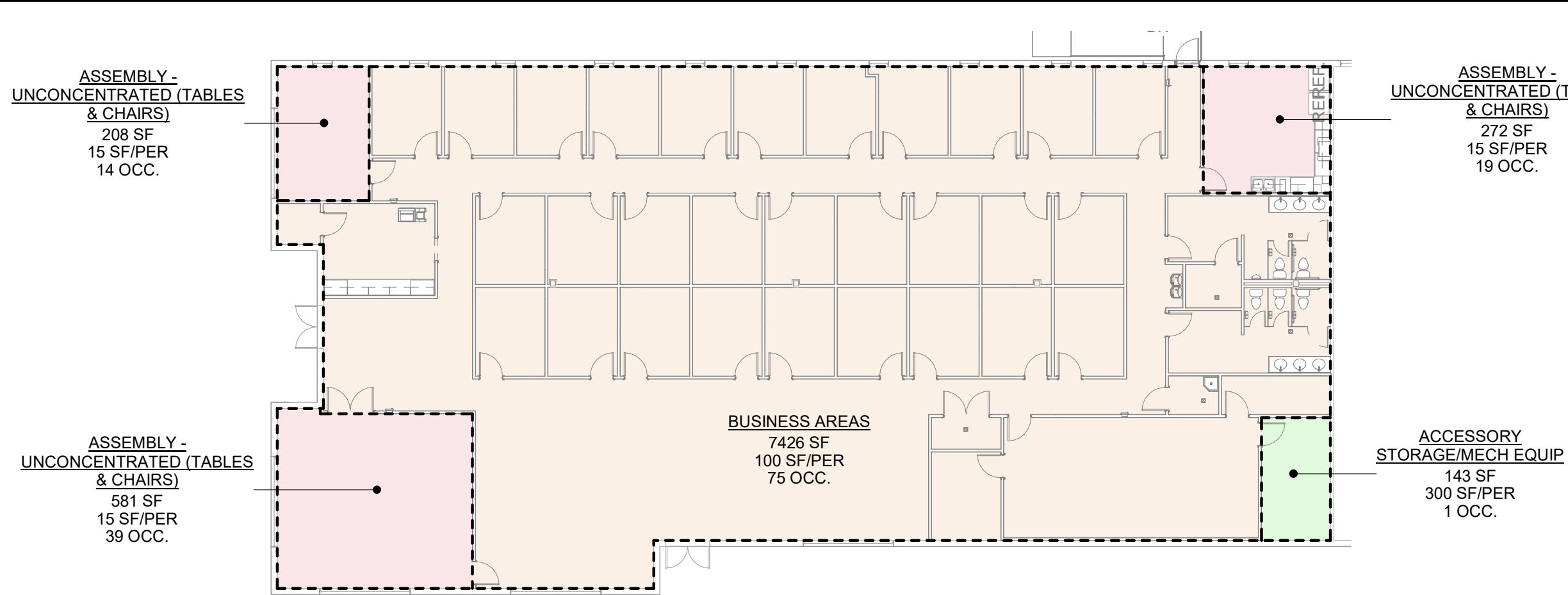
REV	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	09/28/22



Date 09/28/22

TITLE & SHEET INDEX

COVER



OCCUPANT LOAD				
AREA - USE	COMMENTS	AREA	AREA FACTOR	OCCUPANT LOAD
BUSINESS AREAS		7426 SF	100	75
ASSEMBLY - UNCONCENTRATED (TABLES & CHAIRS)	CONFERENCE ROOM	581 SF	15	39
ASSEMBLY - UNCONCENTRATED (TABLES & CHAIRS)	BREAK ROOM	272 SF	15	19
ASSEMBLY - UNCONCENTRATED (TABLES & CHAIRS)	MEETING ROOM	208 SF	15	14
ACCESSORY STORAGE/MECH EQUIP		143 SF	300	1
Grand total: 5		8631 SF		148

REFERENCE NOTES

01 EXISTING 1 HOUR RATED WALL.

LEGEND

- STUD WALL
- 1 HR RATED WALL
- 6' - 0" LINE OF TRAVEL PATH
- START
- TURN
- DISCHARGE
- FE SEMI-RECESSED FIRE EXTINGUISHER CABINET WITH 2A-10B:C FIRE EXTINGUISHER.

BUILDING DATA

TENANT SPACE (AREA OF WORK) IS 8,631 SF.
BUILDING IS 15,000 SF.
BUILDING IS NOT PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM.
BUILDING DOES NOT HAVE A FIRE ALARM.

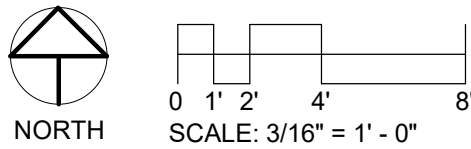
	IBC	NFPA 101
OCCUPANCY CLASSIFICATION	BUSINESS (B)	BUSINESS (B)
CONSTRUCTION TYPE	II(B)	II(000)
MAXIMUM TRAVEL DISTANCE	200'	200'
MAXIMUM COMMON PATH	75'	75'

APPLICABLE CODES:
2015 INTERNATIONAL BUILDING CODE
2015 NFPA 101: LIFE SAFETY CODE

2 BUILDING USE PLAN
1/16" = 1'-0"



1 LIFE SAFETY PLAN
3/16" = 1'-0"



MARY BIRD PERKINS CANCER CENTER
TENANT BUILD-OUT
5215 ESSEN LANE
BATON ROUGE, LA

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Date 09/28/22

LIFE SAFETY PLAN

A000



ROOM FINISH SCHEDULE												
NO.	ROOM	FLOOR	BASE	WALLS				CEILING	HEIGHT			COMMENTS
				NORTH	SOUTH	EAST	WEST					
100	RECEPTION	LVT-1	RB-1	PT	PT	PT	PT	ACP	9' - 0"			
101	WORK ROOM	LVT-2	RB-1	PT	PT	PT	PT	ACP	9' - 0"			
102	STORAGE	LVT-2	RB-1	PT	PT	PT	PT	ACP	9' - 0"			
103	MEETING ROOM	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
104	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
105	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
106	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
107	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
108	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
109	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
110	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
111	CORRIDOR	CPT-1	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
112	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
113	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
114	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
115	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
116	BREAK ROOM	LVT-1	RB-1	PT	PT	PT	PT	ACP	9' - 0"			
117	MEN'S	LVT-2	TB	WT/PT	WT/PT	WT/PT	WT/PT	ACP	9' - 0"			(F) ALTERNATE BID: PROVIDE FT IN LIEU OF LVT. (W) PROVIDE 5' WT WAINSCOT AT WALLS NOTED RE: A300 FOR LOCATIONS.
118	MECHANICAL	LVT-2	RB-1	PT	PT	PT	PT	ACP	9' - 0"			
119	WOMEN'S	LVT-2	TB	WT/PT	WT/PT	WT/PT	WT/PT	ACP	9' - 0"			(F) ALTERNATE BID: PROVIDE FT IN LIEU OF LVT. (W) PROVIDE 5' WT WAINSCOT AT WALLS NOTED RE: A300 FOR LOCATIONS.
120	CORRIDOR	CPT-1	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
121	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
122	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
123	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
124	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
125	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
126	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
127	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
128	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
129	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
130	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
131	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
132	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
133	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
134	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
135	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
136	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
137	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
138	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
139	CORRIDOR	CPT-1	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
140	JANITOR	LVT-2	RB-1	PT	PT	PT	PT	ACP	9' - 0"			
141	ELECTRICAL	LVT-2	RB-1	PT	PT	PT	PT	ACP	9' - 0"			
142	FILE STORAGE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
143	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
144	OFFICE	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
145	MECHANICAL	LVT-2	RB-1	PT	PT	PT	PT	ACP	9' - 0"			
146	OPEN OFFICE	CPT-1	RB-2	PT	PT	PT	PT	ACP	9' - 0"			
147	CONFERENCE ROOM	CPT-2	RB-2	PT	PT	PT	PT	ACP	9' - 0"			

DOOR SCHEDULE

NO.	FRAMES				DOORS					ASSEMBLY RATING	COMMENTS
	ELEV TYPE	DOOR OPENING (W X H)	MATERIAL	FINISH	ELEV TYPE	THK.	CONST.	MATERIAL	FINISH		
101	A	3' - 0" X 7' - 0"	HM	PT-2	---					N/A	
102	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
103	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
104	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
105	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
106	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
107	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
108	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
109	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
110	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
111	A	3' - 0" X 7' - 0"	HM	PT-2	F	1 3/4"	HM	STL	PT-2	N/A	
112	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
113	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
114	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
115	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
116	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
117	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
118	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	N/A	
119	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
121	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
122	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
123	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
124	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
125	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
126	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
127	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
128	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
129	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
130	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
131	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
132	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
133	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
134	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
135	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
136	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
137	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
138	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
140	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
141	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	N/A	
142	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	N/A	
143	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	
144	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	N/A	
145	A	6' - 0" X 7' - 0"	HM	PT-2	L (x2)	1 3/4"	SC	WD	PT-2	20 MIN.	
147A	A	6' - 0" X 7' - 0"	HM	PT-2	L (x2)	1 3/4"	SC	WD	PT-2	20 MIN.	
147B	A	3' - 0" X 7' - 0"	HM	PT-2	L	1 3/4"	SC	WD	PT-2	20 MIN.	

FINISH LEGEND

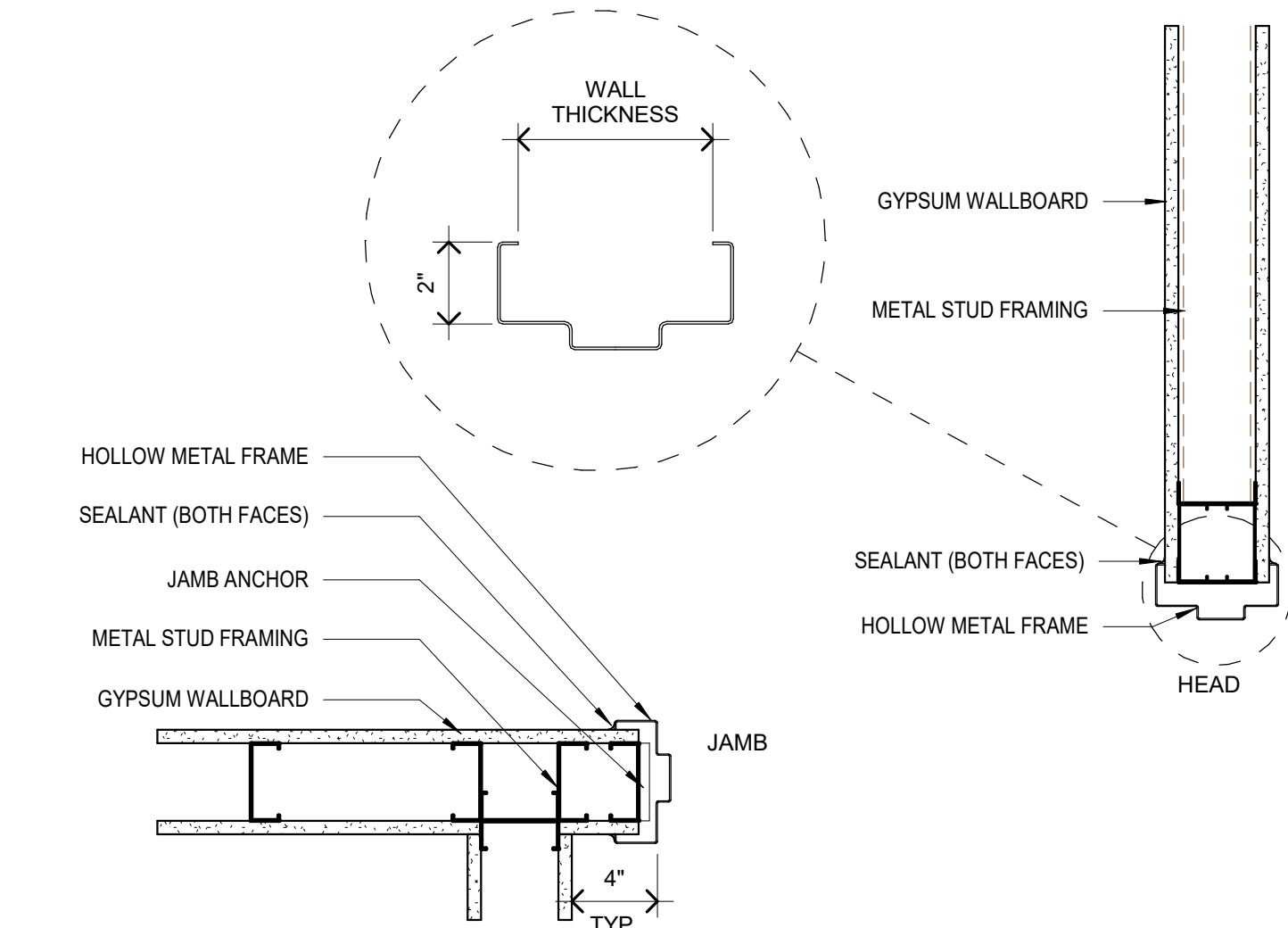
SYMBOL	DESCRIPTION	MANUFACTURER	STYLE/FINISH
ACP	ACOUSTICAL CEILING PANEL	ARMSTRONG	DUNE OR APPROVED EQUAL / WHITE / 24" X 24"
BT	BASE TILE	DALTILE	FABRIQUE - 3" X 12" BULLNOSE BASE / CREME LINEN P686
CPT-1	CARPET TILE (ADMIN CORRIDOR / CUBICLES)	MANNINGTON	EXCHANGE II TRANSMIT 82147 / TETHER
CPT-2	CARPET TILE (OFFICES)	MANNINGTON	EXCHANGE II RELAY 82147 / TETHER
FT	FLOOR TILE	DALTILE	FABRIQUE / CREME LINEN P686 12"X24" FIELD TILE UNPOLISHED
LVT-1	LUXURY VINYL TILE	MANNINGTON	SPACIA SSSW2524 / WEATHERED OAK
LVT-2	LUXURY VINYL TILE	MANNINGTON	SPACIA SSSA3800 / LINEN WEAVE
PL-1	PLASTIC LAMINATE (BREAK ROOM COUNTERTOPS)	WILSONART	5027-07 / ARENITE CREAM
PL-2	PLASTIC LAMINATE (TYPICAL MILLWORK)	WILSONART	D96-60 / SHADOW
PL-3	PLASTIC LAMINATE (TOILET STALL, LAVATORIES, WORK RM COUNTER)	WILSONART	4946-60 / COTTON
PL-4	PLASTIC LAMINATE (DOORS - PRICING ALTERNATE)	TO BE SELECTED BY OWNER	TO BE SELECTED BY OWNER
PT-1	PAINT (LIGHT)	SHERWIN WILLIAMS	PROGREEN, EGGSHELL / ALABASTER SW7008
PT-2	PAINT (MEDIUM) (DOOR FRAMES)	SHERWIN WILLIAMS	PROGREEN, EGGSHELL / PERFECT GREIGE SW6073
RB-1	RUBBER BASE (AT SPACES W/LVT)	JOHNSONITE	BASEWORKS 4" / 80 FAWN
RB-2	RUBBER BASE (AT SPACES W/CPT)	JOHNSONITE	BASEWORKS 4" TOELESS / 80 FAWN
WT	WALL TILE	DALTILE	FABRIQUE / CREME LINEN P686 12"X24" FIELD TILE UNPOLISHED

REFERENCE NOTES

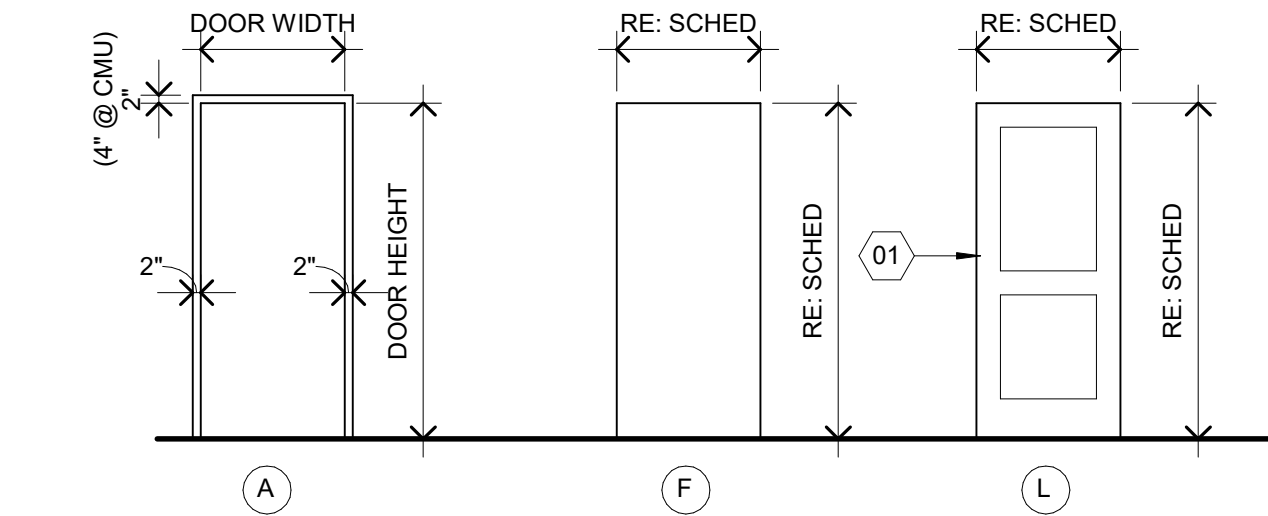
- 01
- DOOR MANUFACTURER: MASONITE.
STYLE: LOGAN.
FINISH: PAINTED PT-2
- DOOR ALTERNATE PRICING OPTION:
PROVIDE SOLID CORE, FLAT FACE (ELEVATION STYLE "F").
WITH PL-4 FINISH.

GENERAL NOTES

1.
- GENERAL NOTES HERE.



2 TYP. DOOR HEAD & JAMB
1 1/2" = 1'-0"



1 DOOR & FRAME ELEVATIONS
1/4" = 1'-0"

LEGEND

- (W) - WALLS
(F) - FLOORS
(C) - CEILING
- ACP - ACOUSTICAL CEILING PANEL
AL - ALUMINUM
AN - ANODIZED
FRP - FIBER REINFORCED PLASTIC
FT - FLOOR TILE
GL - GLASS
HM - HOLLOW METAL
MFG - MANUFACTURER
PT - PAINT
PL - PLASTIC LAMINATE
RB - RUBBER BASE
SC - SOLID CORE
STL - STEEL
WD - WOOD
WT - WALL TILE

MARY BIRD PERKINS CANCER CENTER

TENANT BUILD-OUT

5215 ESSEN LANE
BATON ROUGE, LA

Project Number

2022-52

REV	DESCRIPTION	DATE
△		
△		
△		
△	ISSUED FOR PERMIT	09/28/22



Date

09/28/22

SCHEDULES

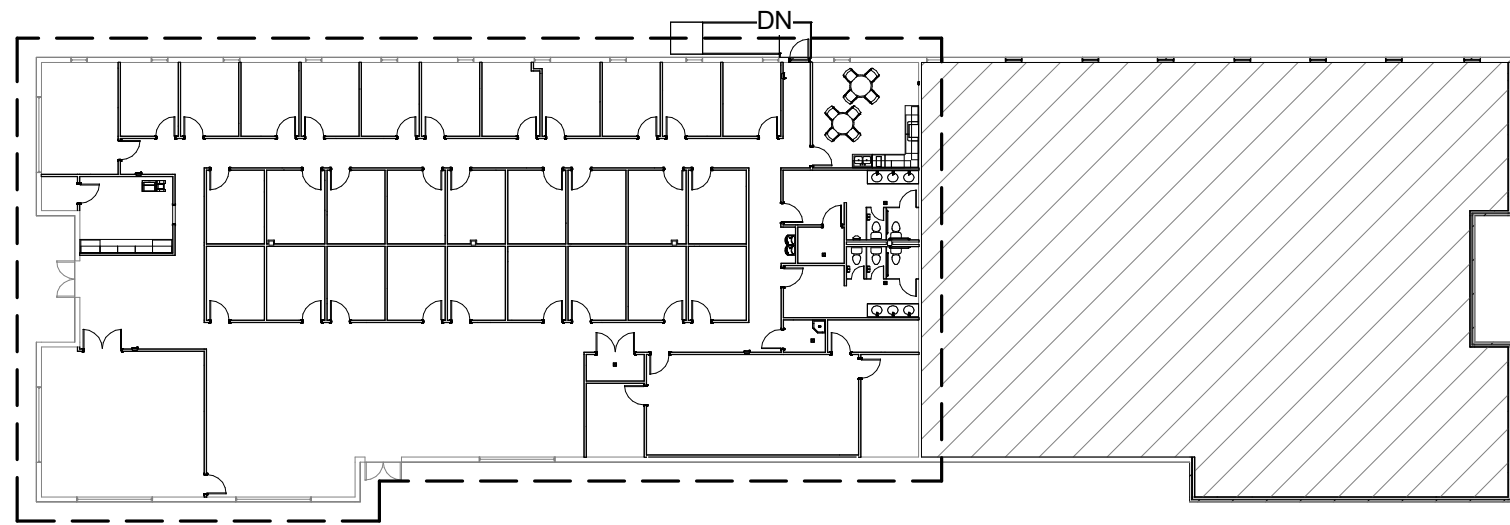
A001

ARCH7

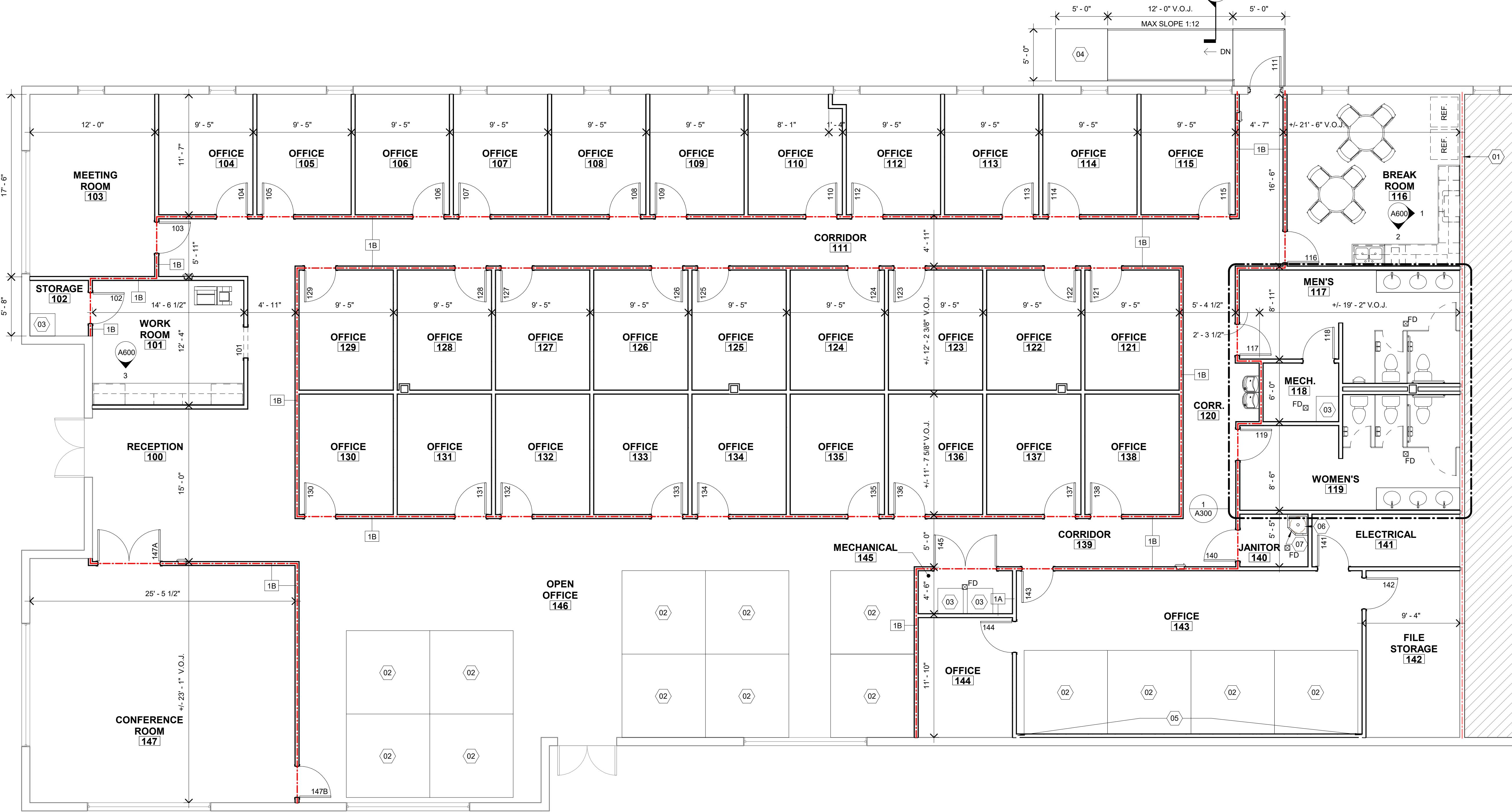
REAL ARCHITECTS FOR REAL PEOPLE

1905 W. Thomas St., Ste. D277
Hammond, LA 70403

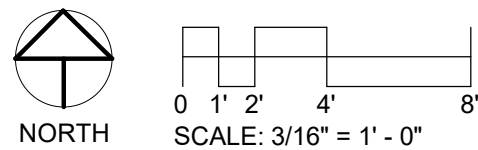




2 KEY PLAN
1" = 30'-0"



1 FLOOR PLAN
3/16" = 1'-0"



LEGEND

- STUD WALL
- 1 HR RATED WALL
- FLOOR DRAIN. RE: MECH

GENERAL NOTES

- DIMENSIONS ARE GIVEN TO FACE OF STUD AND FACE OF EXISTING WALL, U.N.O.
- WALLS ARE TO BE TYPE "2A" WALLS, U.N.O. RE: ENLARGED PLANS FOR ADDITIONAL WALL TYPES.

REFERENCE NOTES

- 01 EXISTING 1 HOUR RATED WALL.
- 02 CUBICLE WORKSTATION.
- 03 AIR HANDLING UNIT. RE: MECH.
- 04 5'X5' CONCRETE LANDING.
- 05 FURR-OUT 3-5/8" STUD WALL WITH 5/8" GYPSUM BOARD AGAINST EXISTING WALL.
- 06 WATER HEATER ABOVE. RE: PLUMBING.
- 07 MOP SINK. RE: PLUMBING.

MARY BIRD PERKINS CANCER CENTER TENANT BUILD-OUT

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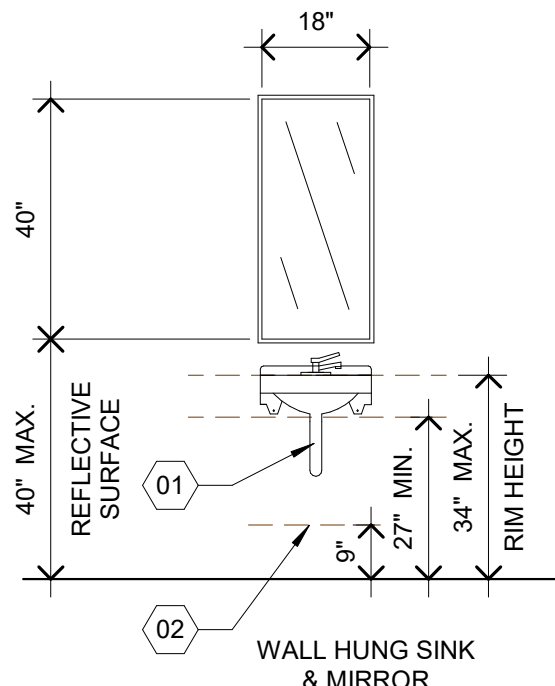
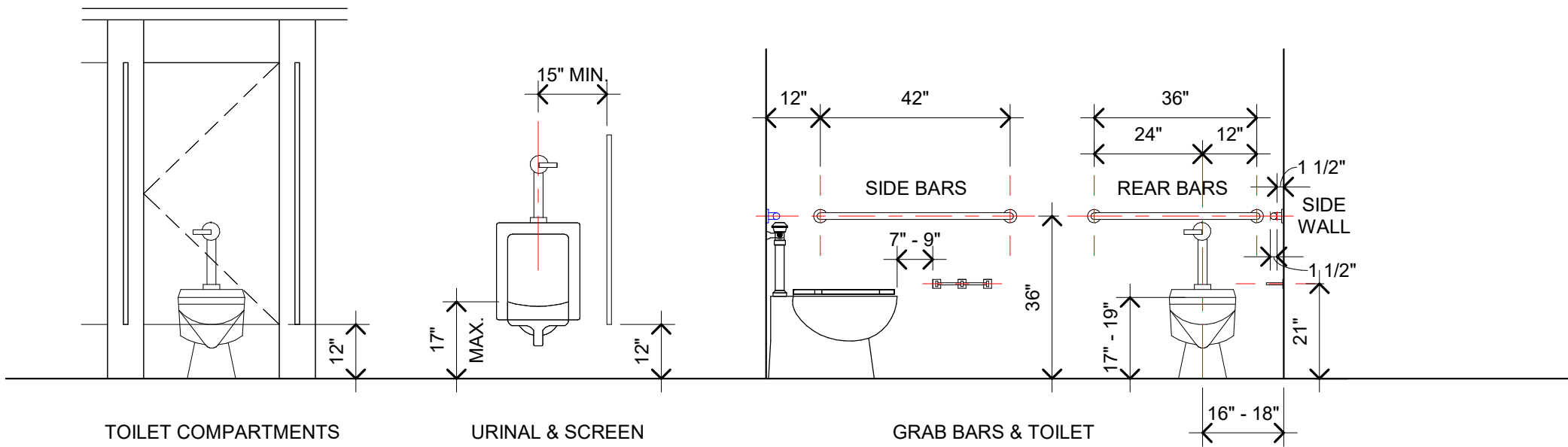
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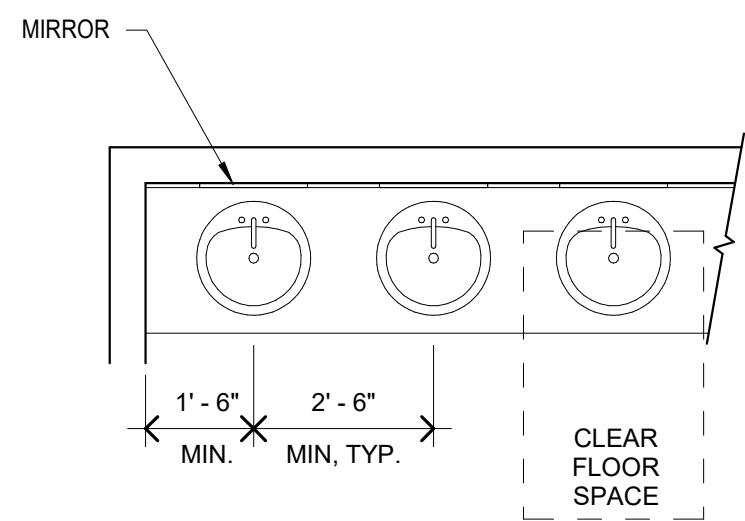
Date 09/28/22

FLOOR PLAN

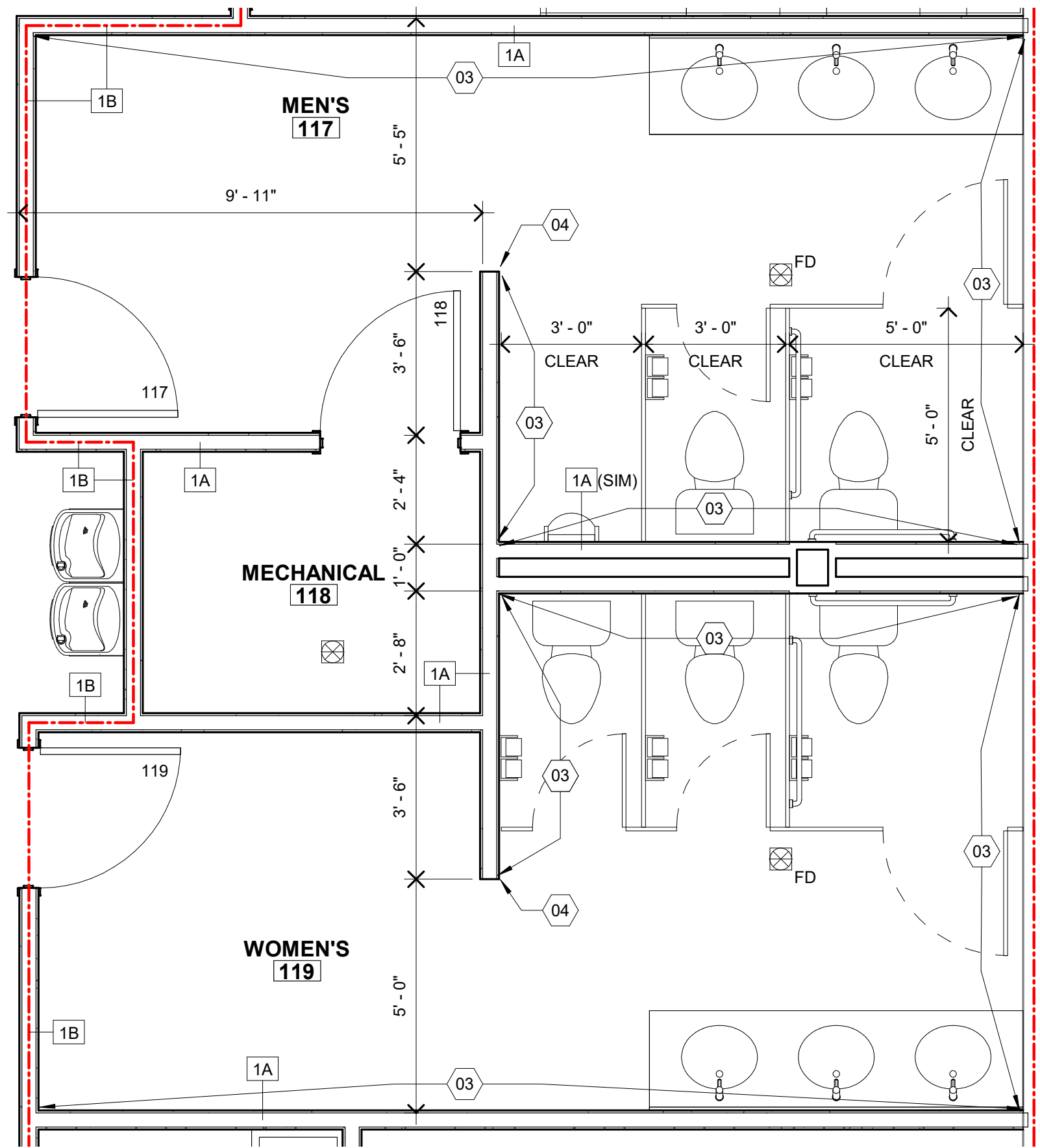
A100



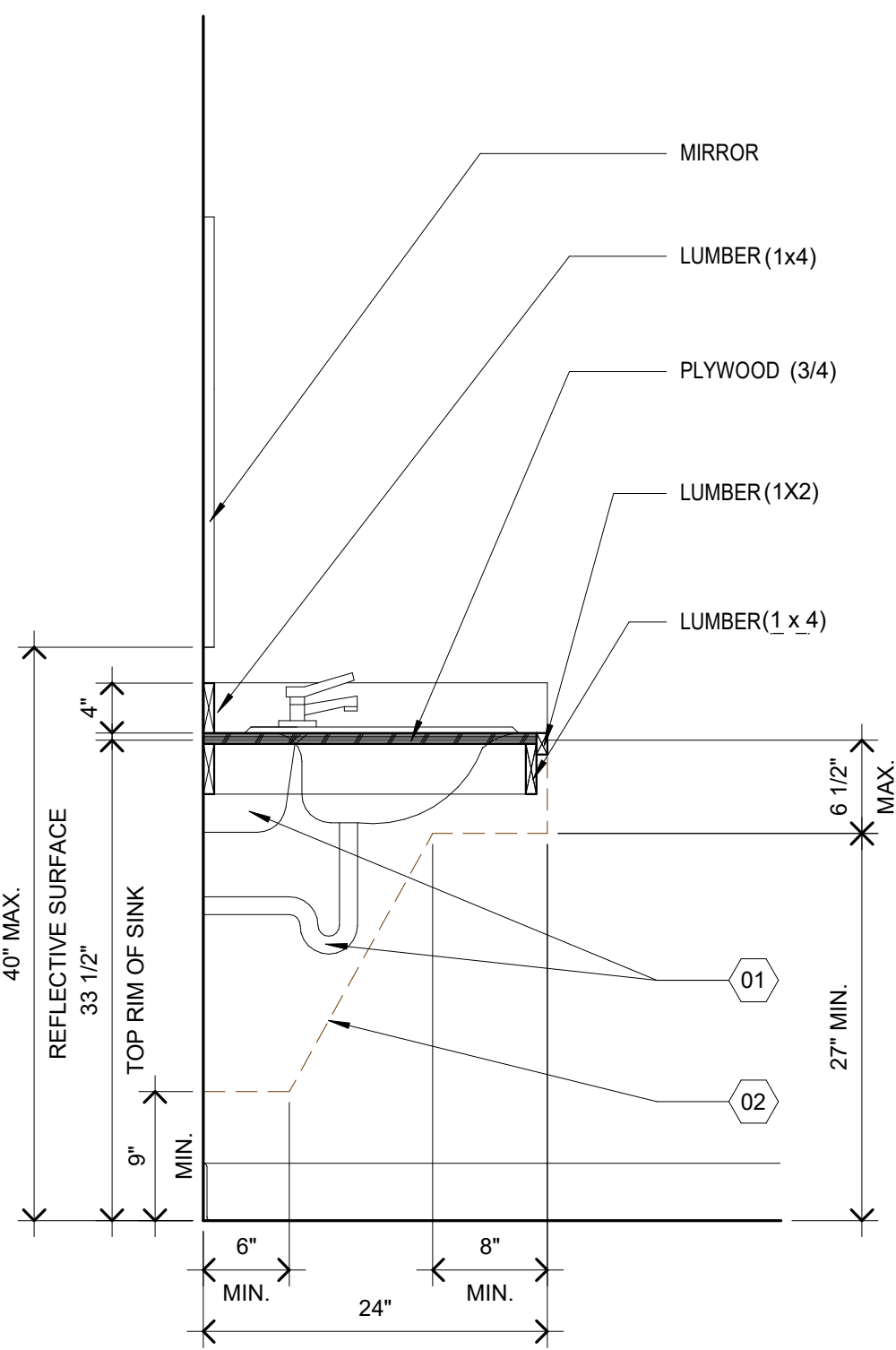
5 MOUNTING HEIGHTS
3/8" = 1'-0"



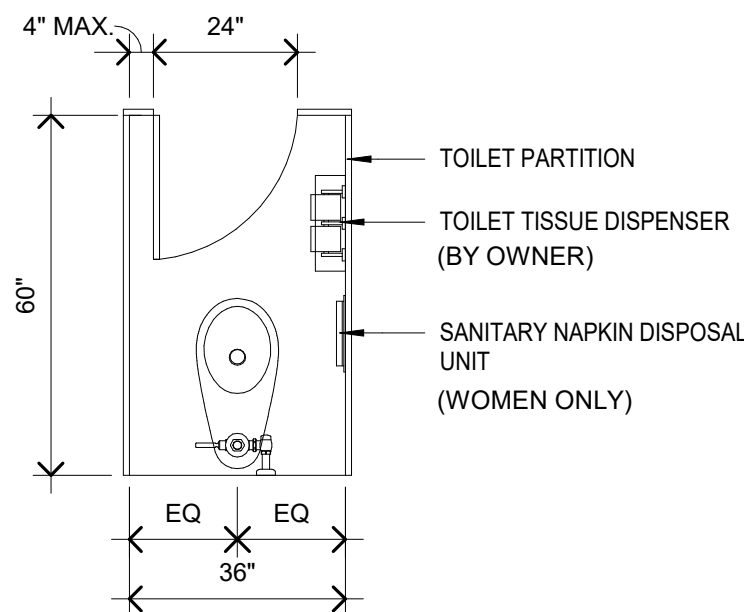
6 LAVATORY BANK
3/8" = 1'-0"



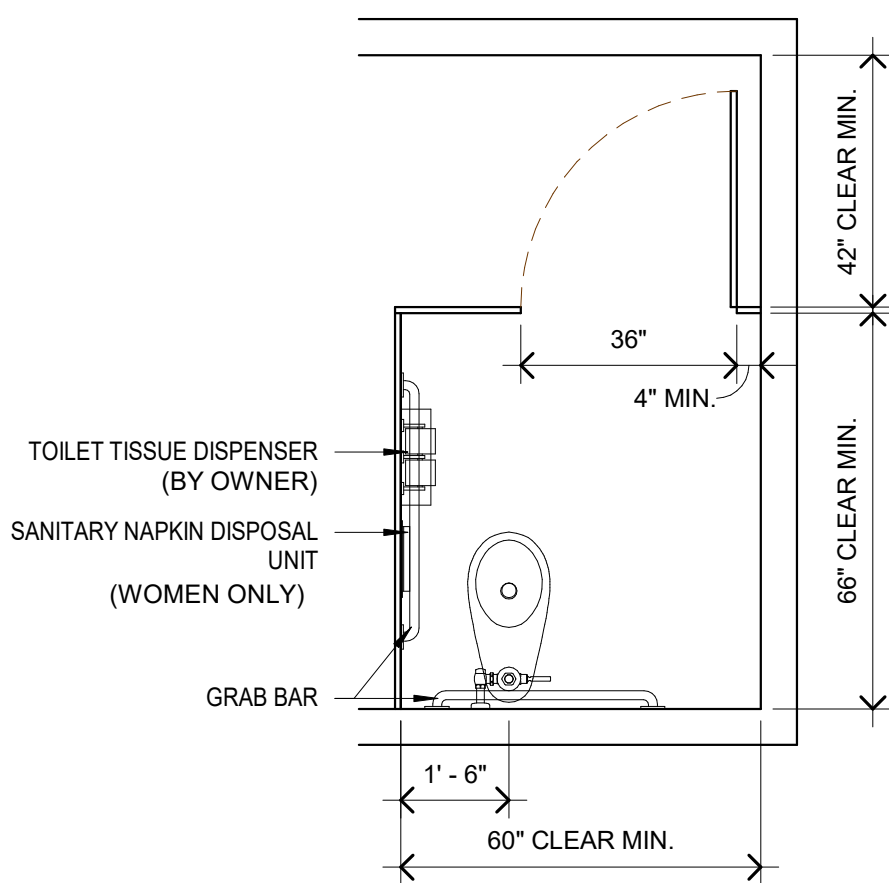
1 ENLARGED RESTROOM PLAN
3/8" = 1'-0"



2 LAVATORY & MILLWORK SECTION
1" = 1'-0"



4 TYPICAL STALL DETAILS
3/8" = 1'-0"



3 ADA STALL DETAIL
3/8" = 1'-0"

REFERENCE NOTES

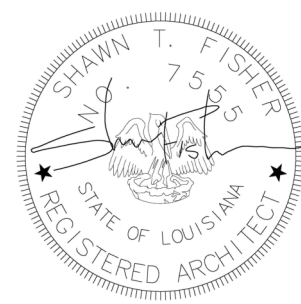
- 01 INSULATE EXPOSED PLUMBING PIPING.
- 02 LINE OF KNEE & TOE CLEARANCE.
- 03 5' WT WAINSCOT. RE: SHEET 001.
- 04 PROVIDE SCHLUTER TRIM AT END OF TILE, OR EQUAL.

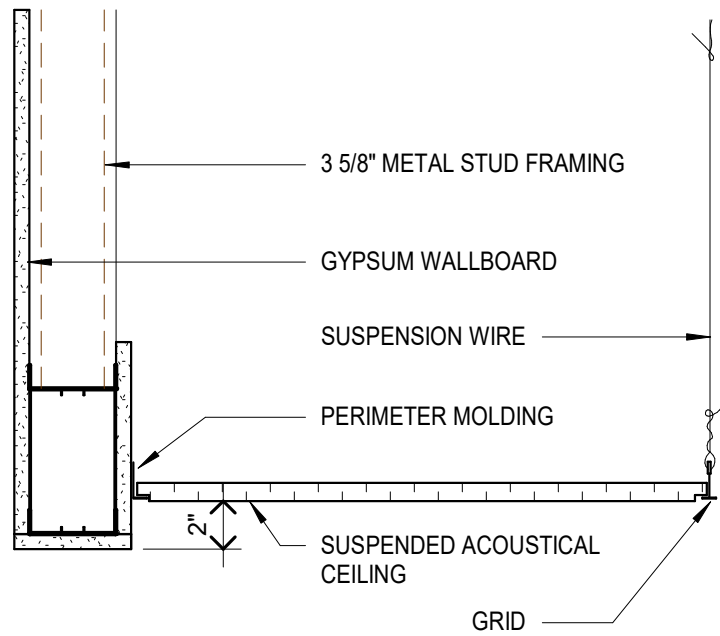
GENERAL NOTES

- 1. PAPER TOWEL DISPENSERS, TOILET PAPER DISPENSERS, SOAP DISPENSERS TO BE PROVIDED BY OWNER.



REV	DESCRIPTION	DATE
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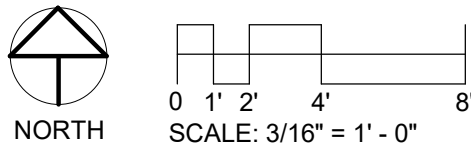




2 ACOUSTICAL CEILING AT FURR-DOWN
1 1/2" = 1'-0"



1 REFLECTED CEILING PLAN
3/16" = 1'-0"



LEGEND

- EXISTING WALL
- STUD WALL
- STUD WALL TO THE DECK
- 1 HR RATED WALL
- 2' X 2' ACOUSTICAL CEILING TILE & GRID
- 2' X 4' LIGHT FIXTURE. RE: ELECTRICAL
- RECESSED CAN LIGHT. RE: ELECTRICAL

- EXIT SIGN. RE: ELECTRICAL
- EMERGENCY LIGHT. RE: ELECTRICAL
- COMBINATION EXIT SIGN/EMERGENCY LIGHT. RE: ELECTRICAL
- WALL MOUNTED EXTERIOR EMERGENCY LIGHT. RE: ELECTRICAL
- WALL MOUNTED EXTERIOR LIGHT. RE: ELECTRICAL
- SUPPLY AIR DIFFUSER. RE: MECHANICAL
- RETURN AIR GRILLE. RE: MECHANICAL
- EXHAUST FAN. RE: MECHANICAL

REFERENCE NOTES

- 01 GYPSUM FURR DOWN.
- 02 DOWN LIGHT WITH BATTERY BACKUP. RE: ELECTRICAL.

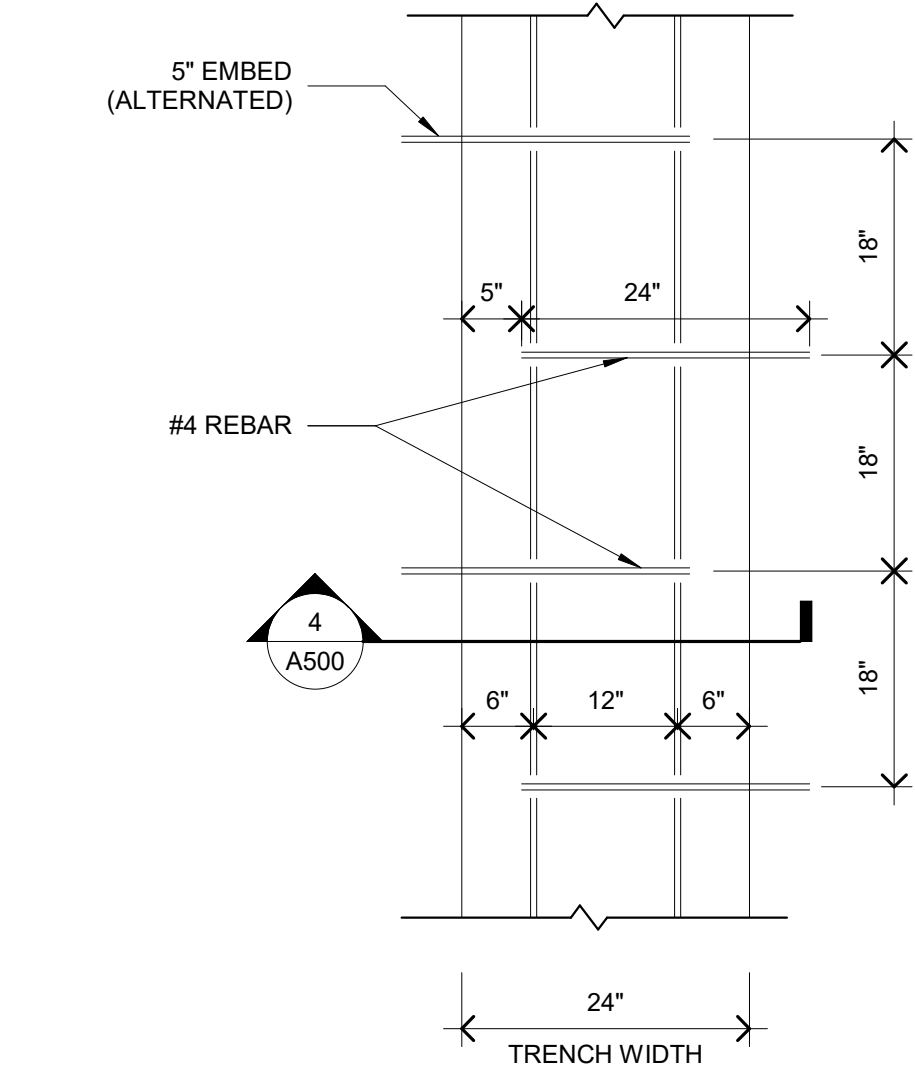
MARY BIRD PERKINS CANCER CENTER
TENANT BUILD-OUT
5215 ESSEN LANE
BATON ROUGE, LA

Project Number 2022-52		
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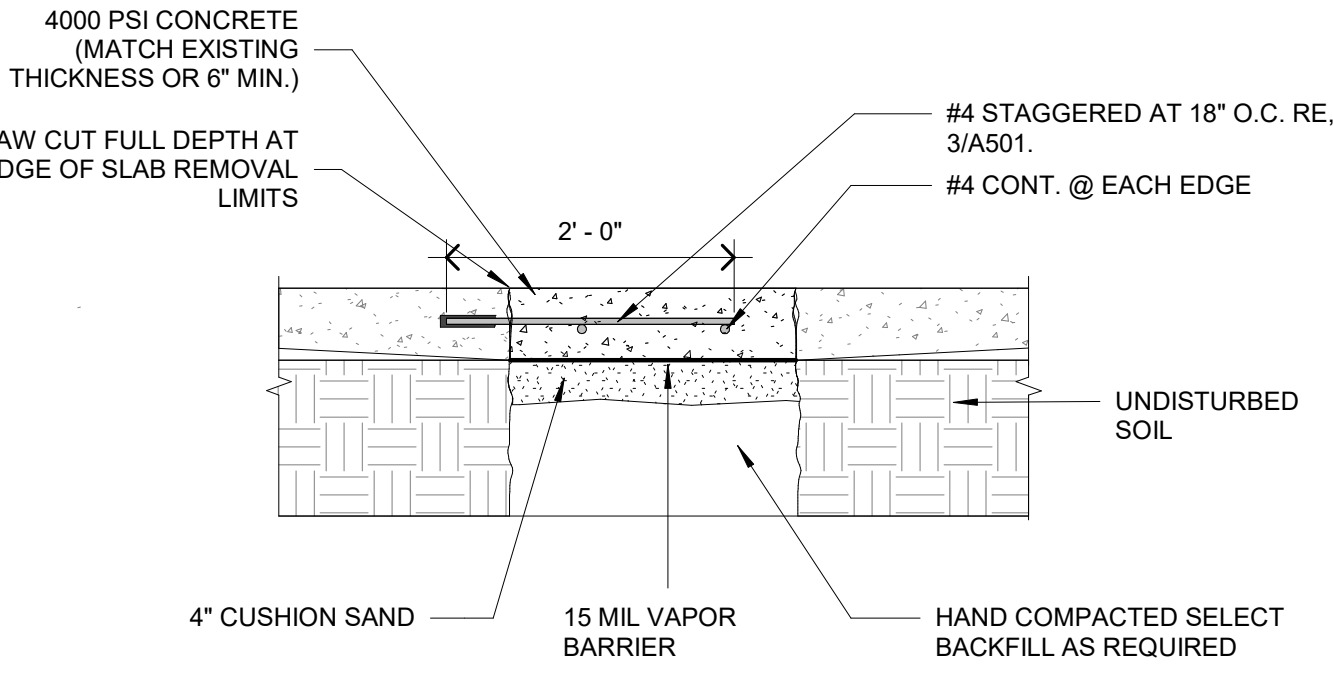


Date 09/28/22
REFLECTED CEILING PLAN

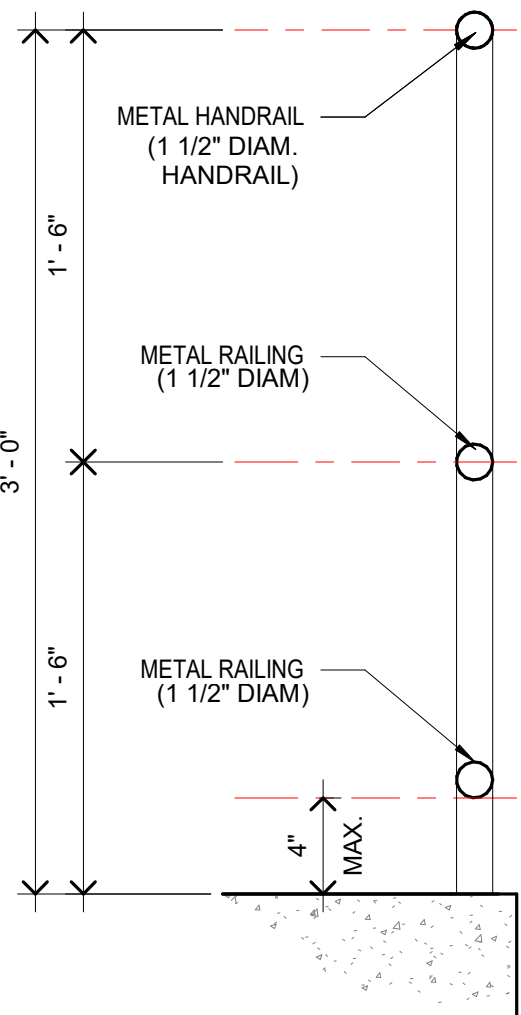
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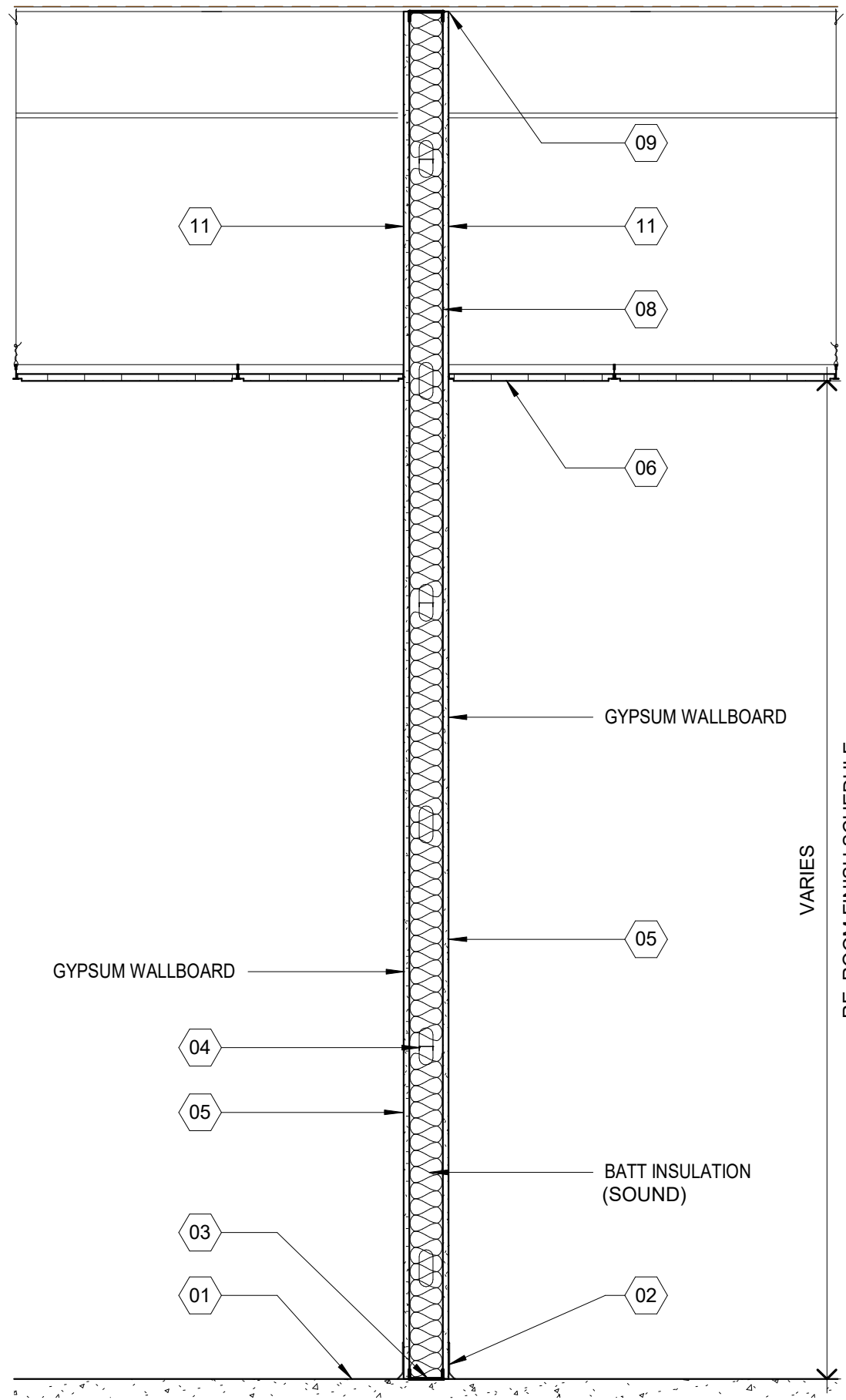
3 TRENCH INFILL PLAN
3/4" = 1'-0"



4 TRENCH INFILL DETAIL
3/4" = 1'-0"

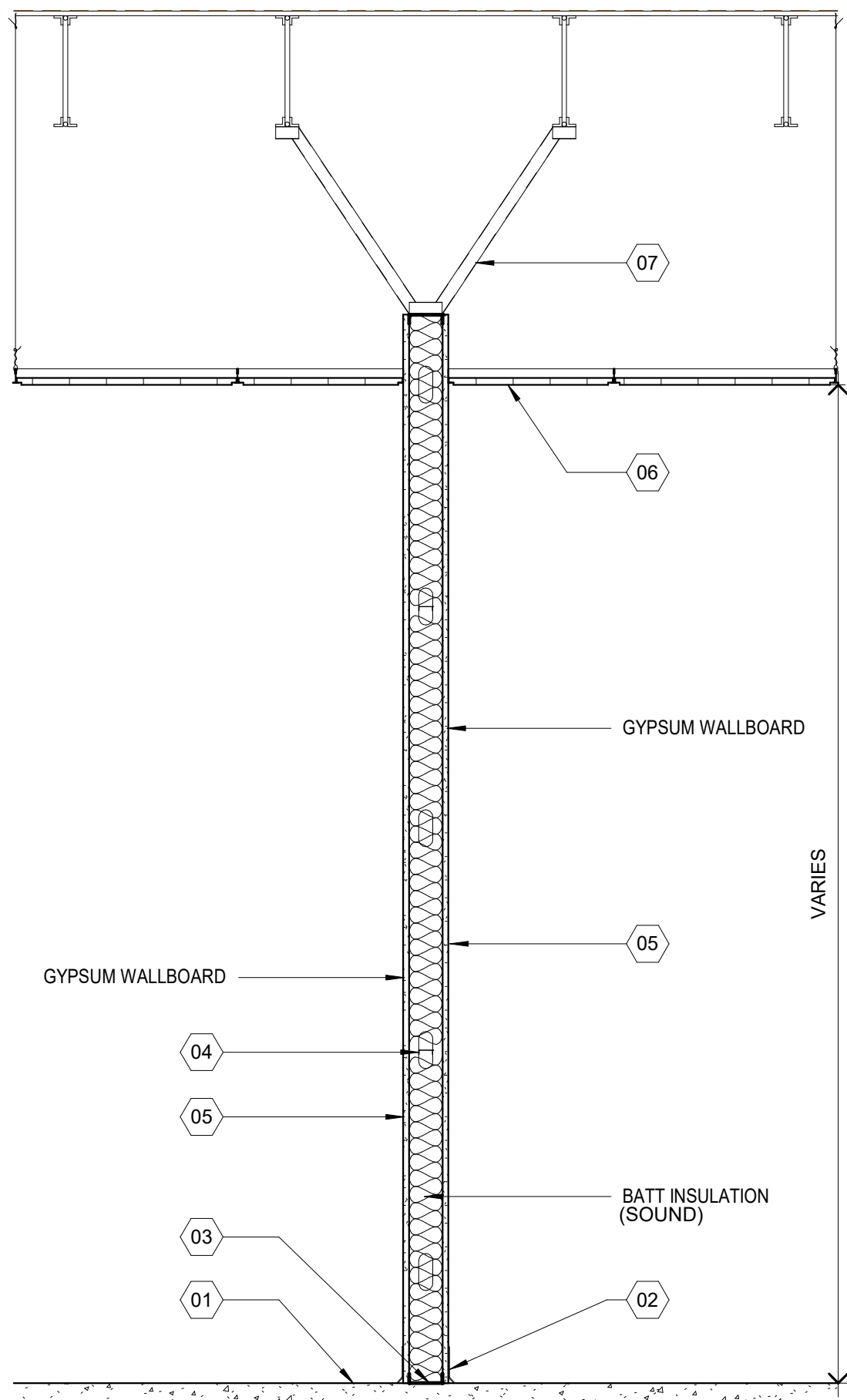


5 TYPICAL RAILING DETAIL
1 1/2" = 1'-0"



1A 3 5/8" METAL STUDS @ 16" O.C. WITH ONE LAYER OF 5/8" GYPSUM BOARD EACH FACE.
1B 3 5/8" METAL STUDS @ 16" O.C. WITH ONE LAYER OF 5/8" FIRECODE GYPSUM BOARD EACH FACE. 1 HR RATED ASSEMBLY - UL DESIGN NO. U465

1 WALL TYPE 1
3/4" = 1'-0"



2A 3 5/8" METAL STUDS @ 16" O.C. WITH ONE LAYER OF 5/8" GYPSUM BOARD EACH FACE.

2 WALL TYPE 2
3/4" = 1'-0"

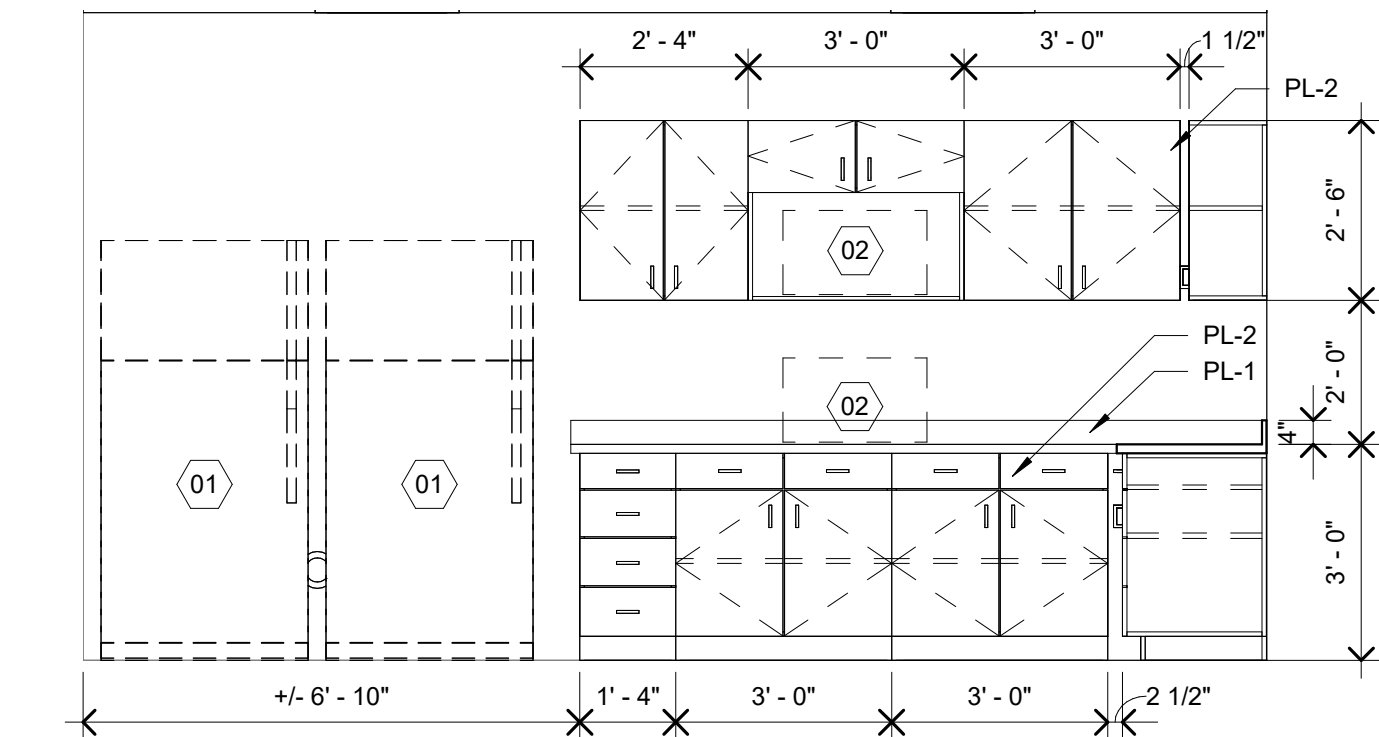
REFERENCE NOTES

- 01 SCHEDULED FLOOR
- 02 SCHEDULED BASE
- 03 METAL RUNNER ANCHORED @ 24" O.C. MAX
- 04 HORIZONTAL BRIDGING BETWEEN STUDS @ 48" O.C. MAX
- 05 SCHEDULED FINISH
- 06 SCHEDULED CEILING
- 07 STUD BRACING TO BUILDING STRUCTURE @ 48" O.C.
- 08 EXTEND FRAMING & GYPSUM BOARD TO BOTTOM OF ROOF/FLOOR DECK
- 09 FIRE CAULK @ RATED WALLS (BOTH SIDES).
- 10 NOT USED.
- 11 MARK ALL FIRE-RATED WALLS ABOVE ACCESSIBLE CEILINGS IN RED PAINTED STENCILING AS FOLLOWS:
"FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS."
MARKINGS SHALL BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL.

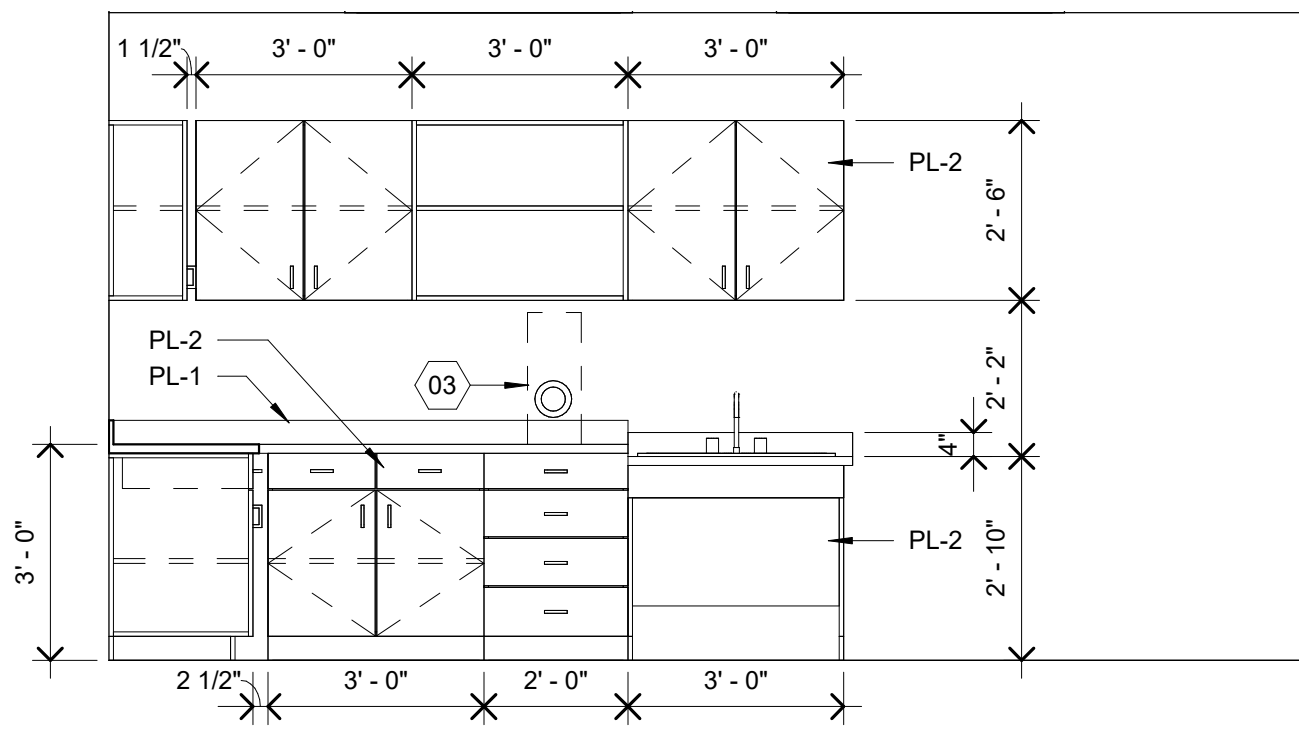


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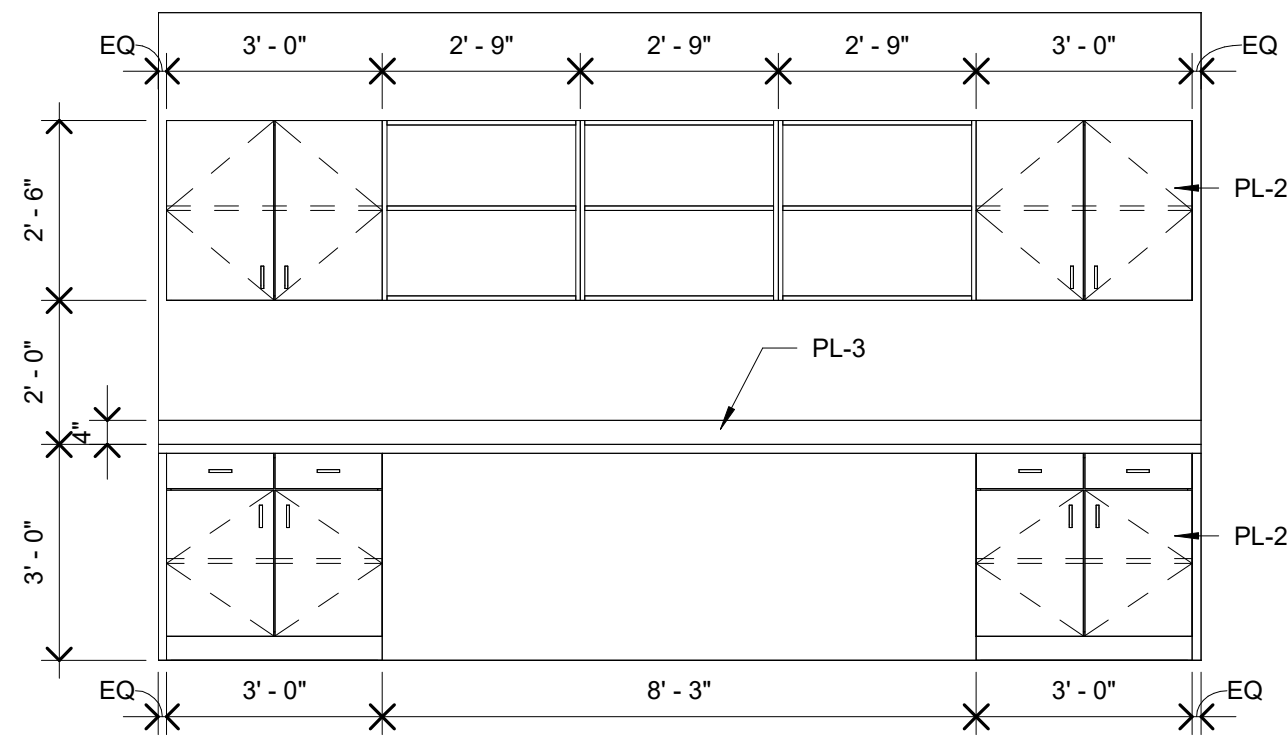




1 BREAK ROOM - EAST
3/8" = 1'-0"



2 BREAK ROOM - SOUTH
3/8" = 1'-0"



3 WORK ROOM - SOUTH
3/8" = 1'-0"

REFERENCE NOTES

- 01 REFRIGERATOR, BY OWNER.
- 02 MICROWAVE, BY OWNER.
- 03 COFFEE MAKER, BY OWNER.

GENERAL NOTES

- ALL EXPOSED MILLWORK SURFACES & BACK SIDES OF DOORS & DRAWER FRONTS TO BE PLASTIC LAMINATE U.N.O.
- ALL INSIDE MILLWORK SURFACES TO BE MELAMINE.
- ALL MILLWORK TO BE 3/4" MDF U.N.O.
- PROVIDE 4" BACKSPLASH WITH PLASTIC LAMINATE FINISH.
- RE: SHEET A001 FOR PLASTIC LAMINATE SPECIFICATIONS.

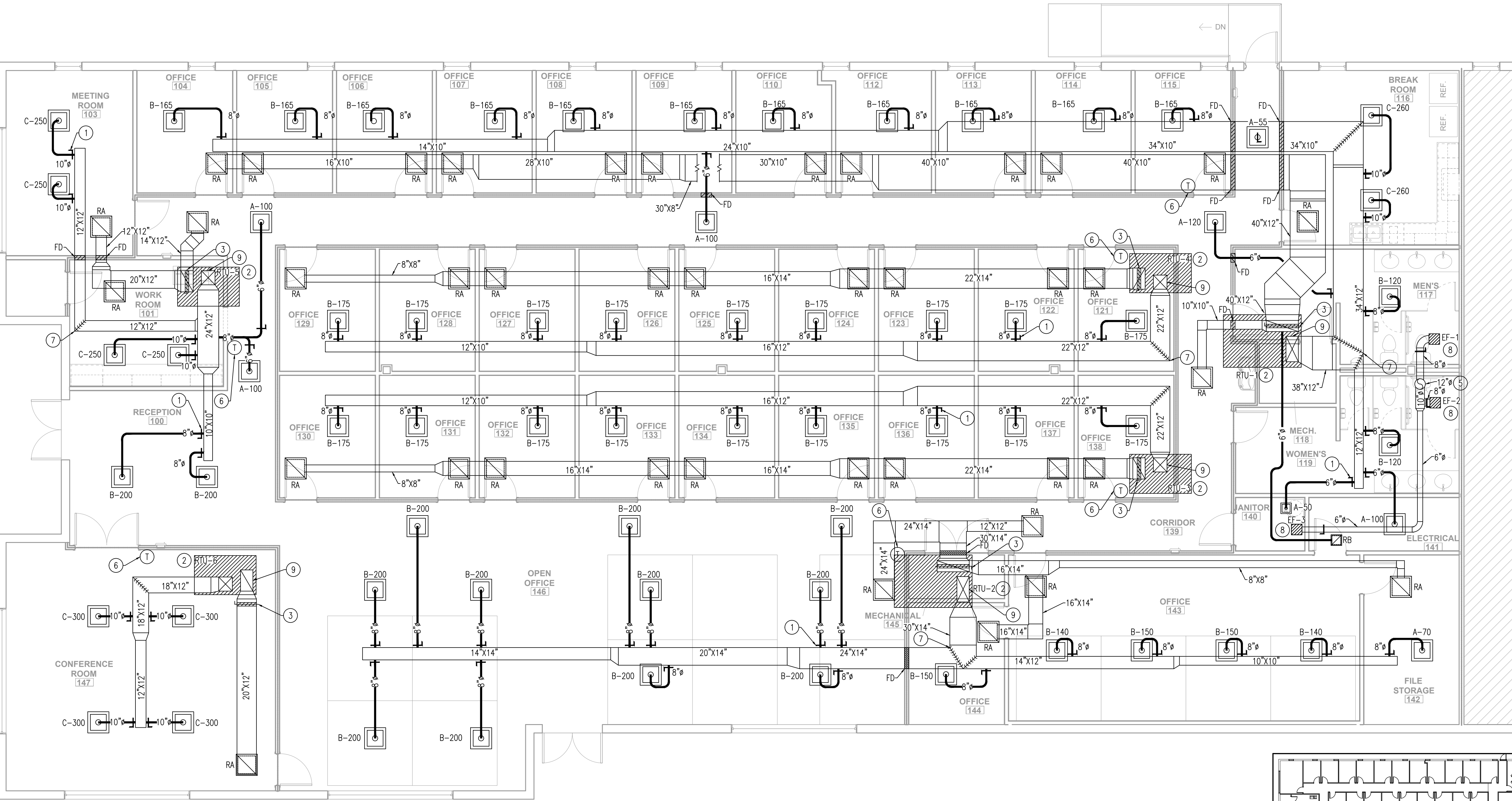


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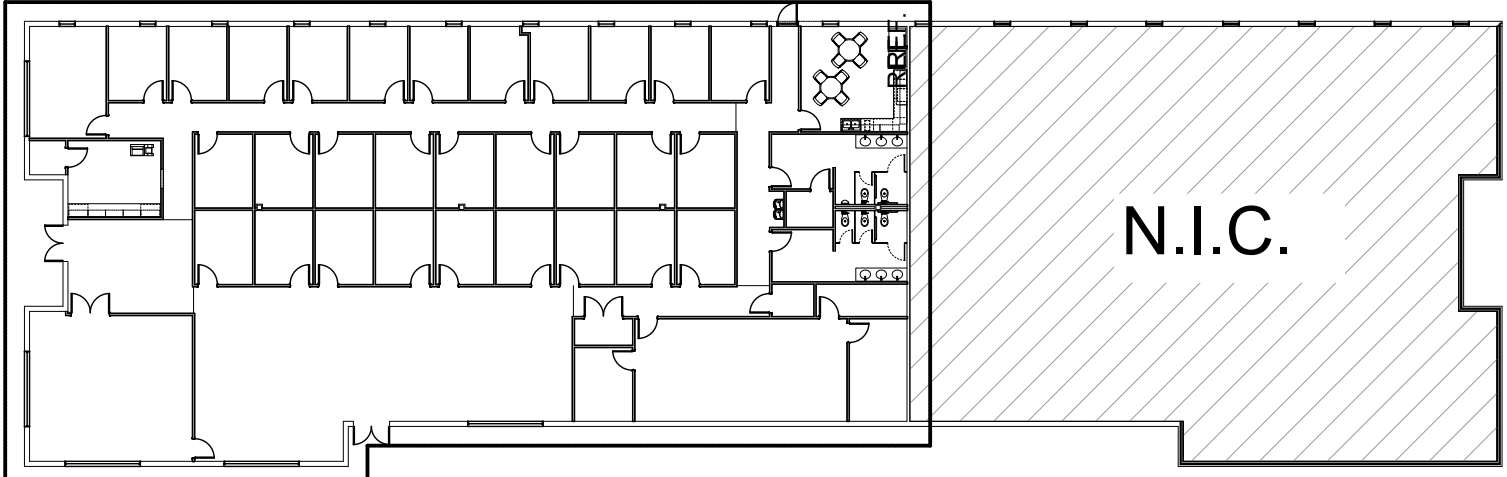


MECHANICAL PLAN NOTES:

- 1 AIR EXTRACTOR AND MANUAL VOLUME DAMPER WITH STAND OFF BRACKET AND LOCKING QUADRANT, TYPICAL FOR ALL DUCT TAKE-OFF. SEE AIR EXTRACTOR DETAIL.
- 2 PACKAGED ROOFTOP UNIT. SEE SCHEDULE FOR SIZE & MODEL. PROVIDE ROOF CURB. RTU SHALL BE FACTORY EQUIPPED WITH MANUAL AND MOTORIZED OUTSIDE AIR DAMPER. DAMPER SHALL OPERATE SUCH THAT IT IS CLOSED WHEN THE SUPPLY FAN IS OFF & IT IS OPEN WHEN THE SUPPLY FAN IS ON. BALANCE TO FRESH AIR CM ON SCHEDULE. PROVIDE SMOKE DETECTOR IN SUPPLY AND RETURN AIR DUCT. INTERLOCK WITH FIRE ALARM SYSTEM. ROUTE INSULATED CONDENSATE DRAIN LINE TO NEAREST ROOF DRAIN OR GUTTER DOWNSPOUT AND MAINTAIN 1" AIR GAP AT TERMINATION POINT. LINE MUST BE SIZED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- 3 MANUAL VOLUME DAMPER W/ LOCKABLE DAMPER, DAMPER MUST HAVE STAND OFF BRACKET. DAMPER HANDLES SHALL NOT BE COVERED WITH INSULATION, TYPICAL.
- 4 FLEXIBLE CONNECTION, TYPICAL ON INLET AND DISCHARGE OF UNIT. CONTRACTOR SHALL MAKE NECESSARY TRANSITIONS FROM INLET AND DISCHARGE OF AIR HANDLING UNIT TO SUPPLY AND RETURN DUCTWORK.
- 5 CONTRACTOR TO ROUTE EXHAUST DUCT UP TO ROOF MOUNTED EXHAUST HOOD (SIZE AS SHOWN ON PLAN). CONTRACTOR SHALL MAINTAIN A MINIMUM OF 12'-0" CLEAR BETWEEN ANY EXHAUST AND FRESH AIR INTAKE, NO EXCEPTIONS. COORDINATE EXACT LOCATION WITH ARCHITECT.
- 6 CONTRACTOR SHALL VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. PROGRAMMABLE THERMOSTAT/HUMIDISTAT SHALL BE MOUNTED AT 60" A.F.F. AND INSTALLED IN LOCKABLE BOX.
- 7 PROVIDE TURNING VANES IN ALL SUPPLY, RETURN AND EXHAUST ELBOWS 45° OR GREATER, TYPICAL.
- 8 CABINET TYPE EXHAUST FAN SUSPENDED FROM STRUCTURE. REFER TO SCHEDULE FOR SIZE AND MODEL. PROVIDE BACKDRAFT DAMPER AT EACH EXHAUST FAN DISCHARGE.
- 9 SUPPLY AIR & RETURN AIR DUCTS DOWN THROUGH ROOF. FLEX CONNECTION TYPICAL ON INLET & DISCHARGE OF UNIT. BOTH SUPPLY AIR & RETURN AIR SHALL BE DUCTED FULL SIZE FROM INLET & DISCHARGE OF ROOFTOP UNIT. TRANSITION AS NECESSARY TO DUCT SIZES SHOWN. EACH UNIT MUST HAVE A FILTER RACK IN UNIT.

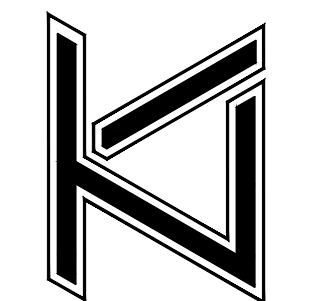


1 MECHANICAL PLAN
SCALE: 3/16" = 1'-0"



2 KEY PLAN - 5215 ESSEN LANE
SCALE: NO SCALE

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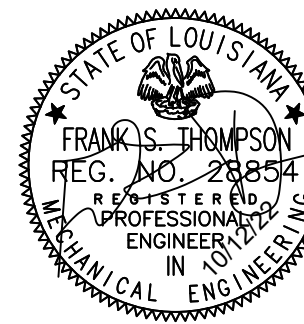
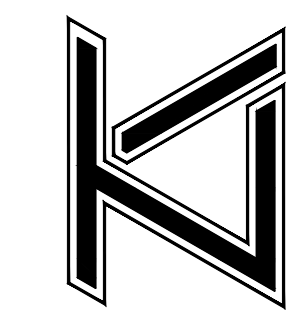


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ROOF TOP UNIT SCHEDULE (RTU)																												
GENERAL			SUPPLY FAN						COMPRESSORS		COND. FAN		EVAPORATION COIL						ELECTRIC HEAT				ELECTRICAL (UNIT)			MANUFACTURER		
MARK	SERVICE	TONS	TOTAL CFM	F.A. CFM	MIN EXT. S.P.	TOTAL S.P.	RPM	FLA	NO. COMP.	RLA (EACH)	NO. FANS	FLA (EACH)	GROSS MBH	SENSIBLE MBH	ENT. AIR DB	AIR WB	LV. AIR DB	WB	TOTAL KW	MBH OUTPUT	STAGES	ENT. AIR °F	AIR °F LVG.	ELECTRICAL SERVICE	MCA			MAX FUSE
RTU-1	SEE PLAN	7.5	3000	325	.5	.75	750	59.7	2	13.6	2	1.5	--	--	77.0°	63.0°	55.2°	53.4°	24.8	84.6	2	68.0°	94.4°	208/3/60	78	80	CARRIER 50TC OR APPROVED EQUAL	
RTU-2	SEE PLAN	7.5	3000	325	.5	.75	750	59.7	2	13.6	2	1.5	--	--	77.0°	63.0°	55.2°	53.4°	24.8	84.6	2	68.0°	94.4°	208/3/60	78	80	CARRIER 50TC OR APPROVED EQUAL	
RTU-3	SEE PLAN	4.0	1600	165	.5	.75	1100	6.9	1	13.7	1	2.5	49.0	36.8	77.0°	63.0°	55.2°	53.4°	9.0	30.7	2	68.0°	94.4°	208/3/60	40	40	TRANE TSC048 OR APPROVED EQUAL	
RTU-4	SEE PLAN	4.0	1600	165	.5	.75	1100	6.9	1	13.7	1	2.5	49.0	36.8	77.0°	63.0°	55.2°	53.4°	9.0	30.7	2	68.0°	94.4°	208/3/60	39	40	TRANE TSC048 OR APPROVED EQUAL	
RTU-5	SEE PLAN	4.0	1600	165	.5	.75	1100	6.9	1	13.7	1	2.5	49.0	36.8	77.0°	63.0°	55.2°	53.4°	9.0	30.7	2	68.0°	94.4°	208/3/60	39	40	TRANE TSC048 OR APPROVED EQUAL	
RTU-6	SEE PLAN	3.0	1200	130	.5	.75	1100	5.7	1	10.4	1	1.5	37.0	27.8	77.0°	63.0°	55.2°	53.4°	9.0	30.7	2	68.0°	94.4°	208/3/60	39	40	TRANE TSC036 OR APPROVED EQUAL	
1. RTU SHALL BE SINGLE POINT ELECTRICAL SERVICE AS SCHEDULED UNDER A/C UNIT ELECTRICAL SERVICE AND A/C UNIT FLA. 2. RTU SHALL BE DUAL COMPRESSOR WHEN AVAILABLE AND A MINIMUM OF 13 SEER. 3. RTU SHALL HAVE A BELT DRIVE INDOOR SUPPLY FAN. 4. RTU SHALL BE FURNISHED AND INSTALLED WITH MANUFACTURER PROVIDED HOT GAS REHEAT COIL. 5. RTU SHALL HAVE HUMIDITY CONTROL. 6. RTU SHALL COME EQUIPPED WITH MOTORIZED & MANUAL FRESH AIR DAMPER AND HOOD. 7. ELECTRICAL SHALL BE ROUTED UP TO RTU INSIDE ROOF CURB. 8. RTU SHALL HAVE HAIL GUARD. 9. CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL ROOF MOUNTED EQUIPMENT, CURB, ETC. WITH ROOFING EQUIPMENT TO AVOID VOIDING ANY ROOFING WARRANTY. 10. PROVIDE CONVENIENCE RECEPTACLE ON ROOF. 11. COORDINATE SMOKE DETECTOR INSTALLATION AND AUTOMATIC SHUT OFF REQUIREMENTS WITH FIRE ALARM CONTRACTOR. 12. PROVIDE UNIT WITH REMOTE OPERATOR DISPLAY, MOTORIZED DAMPER, AND HINGED ACCESS PANELS.																												

EXHAUST FAN SCHEDULE (EF)										
PLAN MARK	SERVICE	TOTAL CFM	S.P. LOSS IN. W.C.	115V INPUT WATTS OR HP	MAX. FAN RPM	DRIVE TYPE	MAXIMUM SONES	ELECTRIC SERVICE	REMARKS	NOTES
EF-1	MEN'S RESTROOM 117	225	.25	55 W	900	DIRECT	2.0	120/1/60	GREENHECK CABINET TYPE SP SERIES OR COOK APPROVED EQUAL	1,2,3,4
EF-2	WOMEN'S RESTROOM 119	225	.25	55 W	900	DIRECT	2.0	120/1/60	GREENHECK CABINET TYPE SP SERIES OR COOK APPROVED EQUAL	1,2,3,4
EF-3	JANITOR 140	75	.25	18 W	900	DIRECT	0.8	120/1/60	GREENHECK CABINET TYPE SP SERIES OR COOK APPROVED EQUAL	1,2,3,4
1. EXHAUST FANS SHALL BE TIED INTO RESPECTIVE LIGHT/OCCUPANCY SENSORS, TYPICAL. 2. EXHAUST FANS SHALL HAVE SPEED CONTROLLER ACCESSIBLE FROM FACE OF EXHAUST FAN. 3. BACKDRAFT DAMPER. 4. ALL MOTORS MUST BE ECM TYPE.										

DIFFUSER SCHEDULE						
SYM.	CFM RANGE	FACE SIZE	NECK SIZE	MATERIAL	FINISH/COLOR	REMARKS
A	0-120	24"x24"	6"ø	ALUMINUM	WHITE	TITUS TMS-AA, PRICE APPROVED EQUAL, 4-WAY PLAQUE CEILING DIFF
B	120-230	24"x24"	8"ø	ALUMINUM	WHITE	TITUS TMS-AA, PRICE APPROVED EQUAL, 4-WAY PLAQUE CEILING DIFF
C	230-320	24"x24"	10"ø	ALUMINUM	WHITE	TITUS TMS-AA, PRICE APPROVED EQUAL, 4-WAY PLAQUE CEILING DIFF
RA	0-2160	24"x24"	12"x12"	ALUMINUM	WHITE	TITUS 50F, PRICE APPROVED EQUAL, EGGRATE GRILLE W/ 1/2"x1/2"x1" CORE
RB	0-630	12"x12"	12"x12"	ALUMINUM	WHITE	TITUS 50F, PRICE APPROVED EQUAL, EGGRATE GRILLE W/ 1/2"x1/2"x1" CORE
NOTES: 1. CONTRACTOR SHALL COORDINATE LOCATION OF DIFF W/ ARCHITECTURAL REFLECTIVE CEILING PLAN TO AVOID ANY CONFLICTS W/ LIGHTS, AUDIO EQUIPMENT AND OTHER CEILING APPURTENANCE. 2. CONTRACTOR TO PROVIDE ALL TRANSITIONS NECESSARY TO ACCOMMODATE GRILLE CONNECTION. 3. COLOR OF DIFFUSER BY ARCHITECT. 4. VERIFY JOIST SPACING AND COMPATIBILITY OF DIFFUSER PRIOR TO ORDERING.						



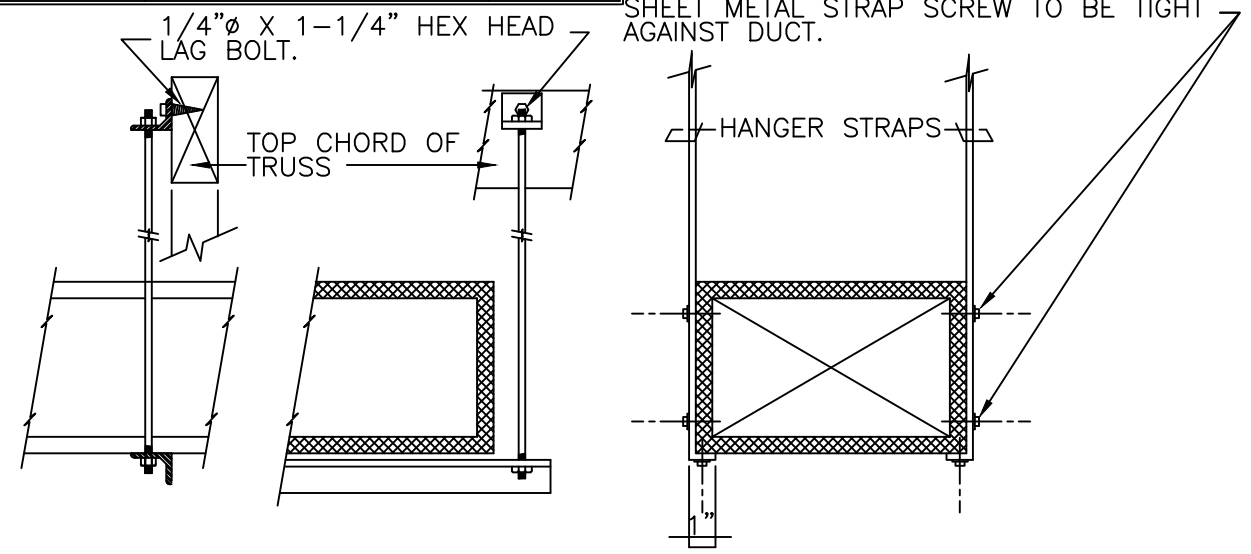
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MAX. SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAXIMUM SPACING
30"	1"x18" GAGE STRIP	1-1/2"x1-1/2"x1/8"	10'-0"
36"	1/4" ROUND ROD	2"x2"x1/8"	8'-0"
48"	1/4" ROUND ROD	2"x2"x1/8"	8'-0"
60"	5/16" ROUND ROD	2"x2"x1/8"	8'-0"
84"	3/8" ROUND ROD	2"x2"x1/8"	8'-0"

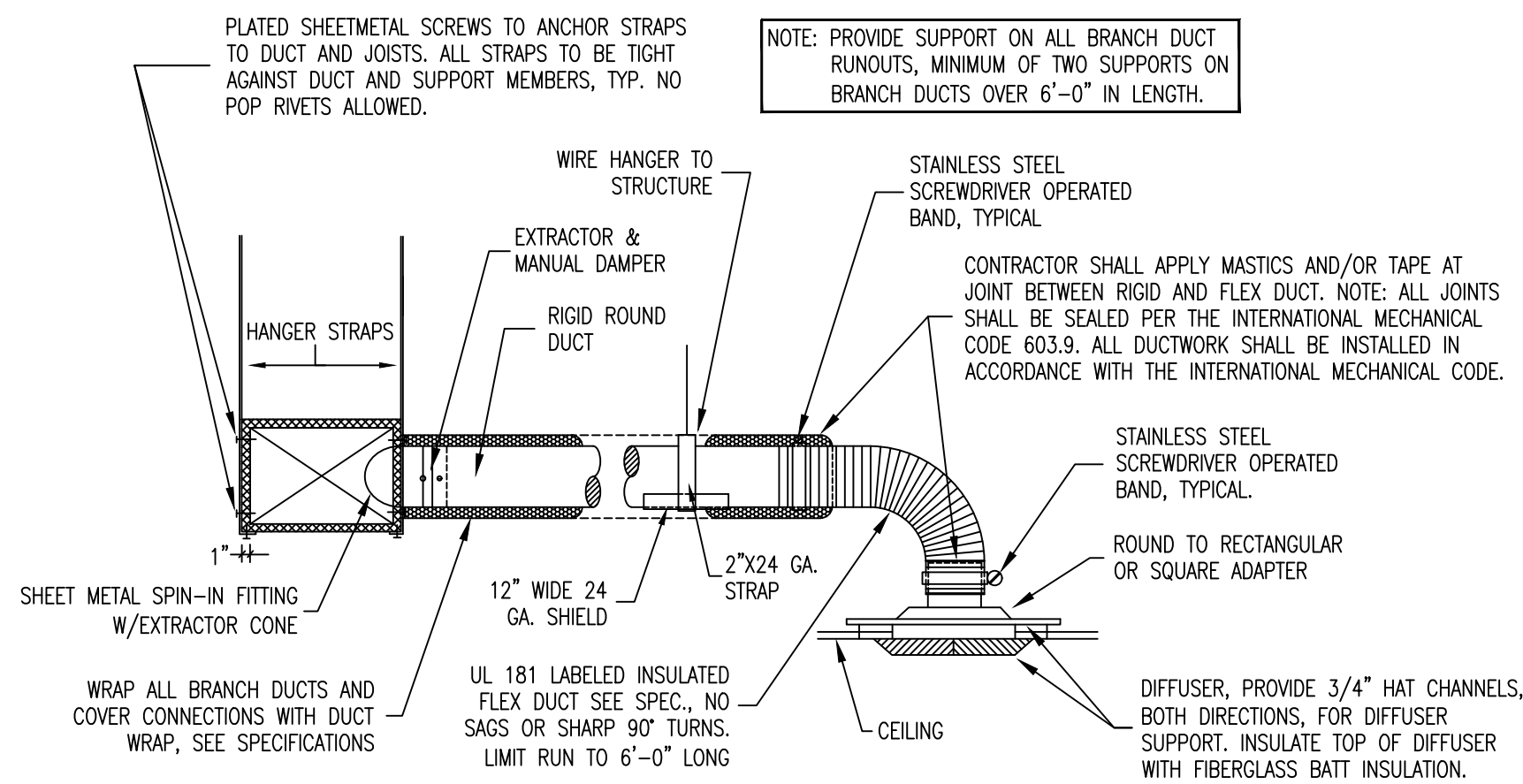
NOTE: ALL SUPPLY AIR DUCTS SHALL BE WRAPPED EXTERNALLY AS PER SPECIFICATION.

NO POP RIVETS ALLOWED

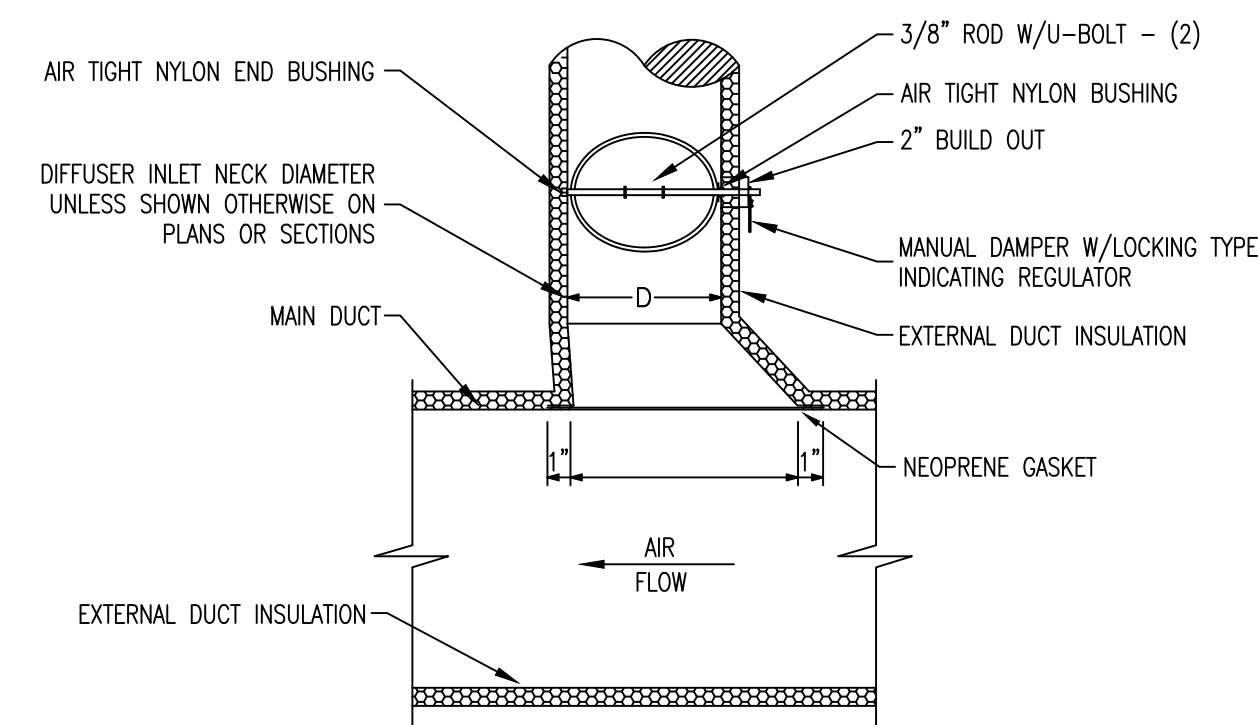
SELF TAPPING CADMIUM PLATED HEX HEAD SHEET METAL STRAP SCREW TO BE TIGHT AGAINST DUCT.



1 DETAIL - DUCTWORK SUPPORTS
SCALE: NO SCALE

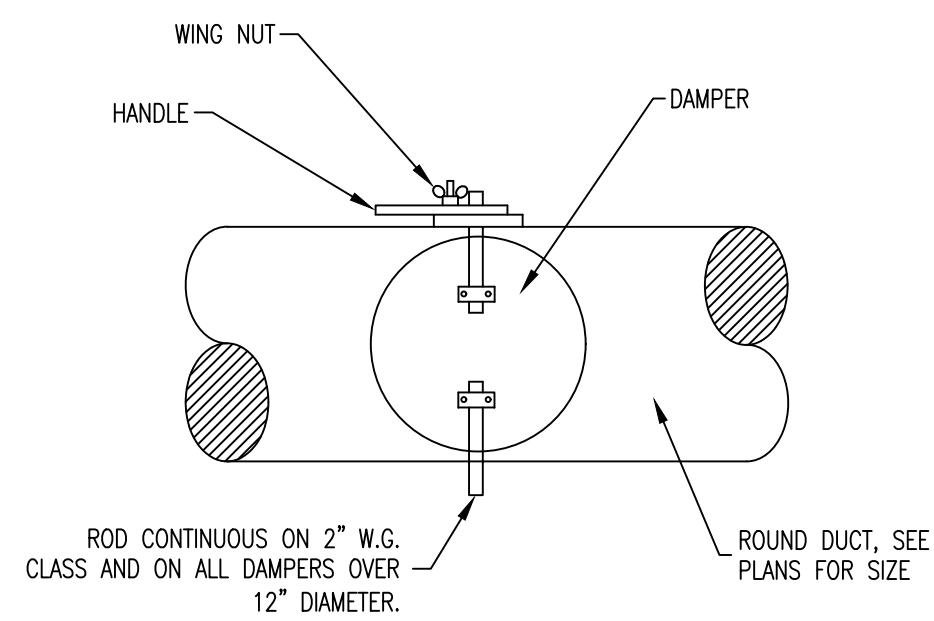


2 DETAIL - DIFFUSER CONNECTION
SCALE: NO SCALE

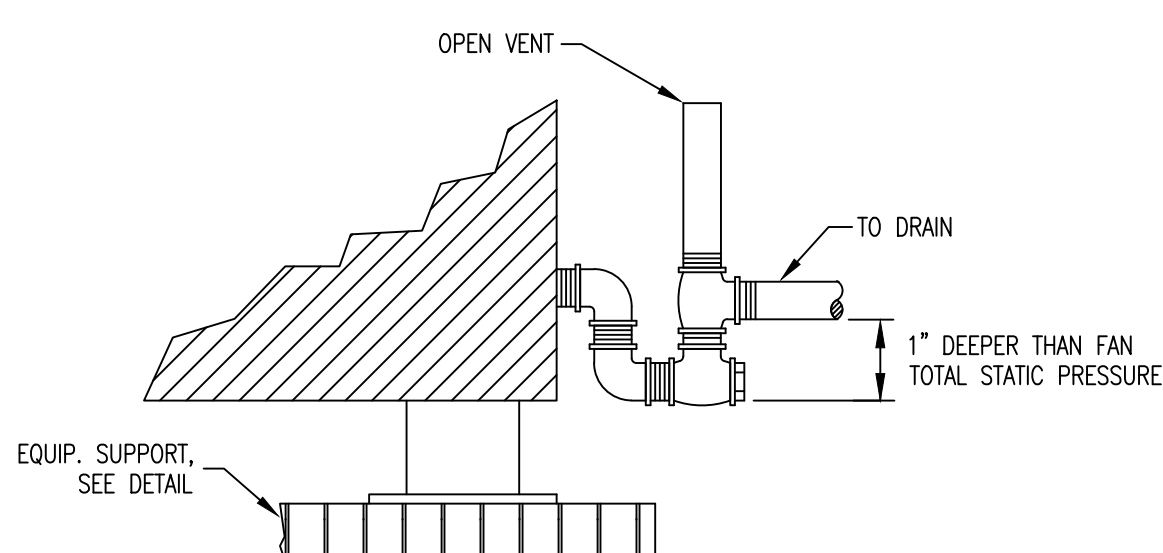


NOTES:
1. THIS DETAIL IS FOR EXTERNALLY INSULATED DUCTWORK.
2. EXTEND ROUND SHEETMETAL DUCTWORK AND ASSOCIATED DUCT INSULATION FROM MAIN DUCT, SO FLEXIBLE DUCT LENGTH DOES NOT EXCEED 6 FEET.
3. FLEX DUCT: FLEXMASTER TYPE 8M-R6, OR APPROVED EQUAL - SUBMIT SAMPLE FOR APPROVAL.

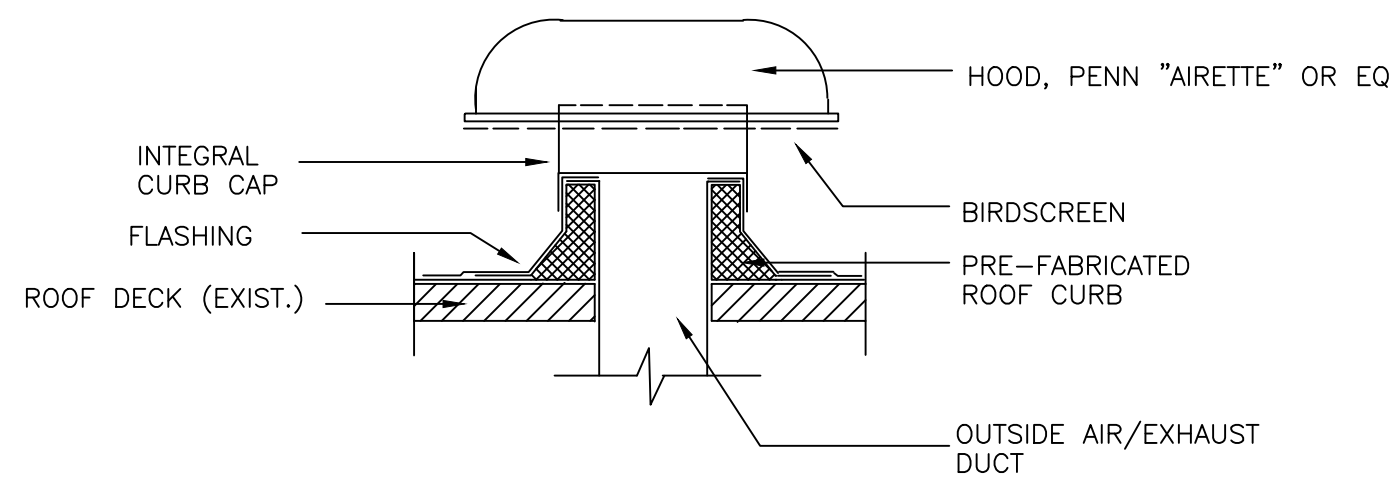
3 DETAIL - EXTRACTOR AND MANUAL DAMPER
SCALE: NO SCALE



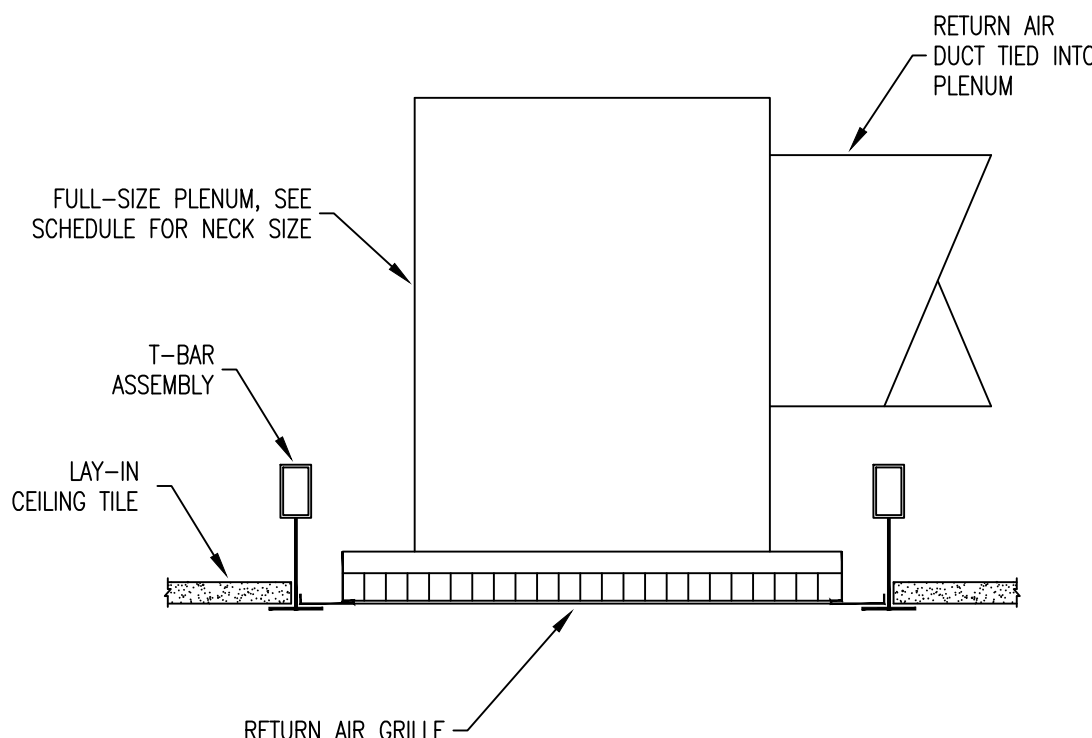
4 DETAIL - DUCTWORK SUPPORTS
SCALE: NO SCALE



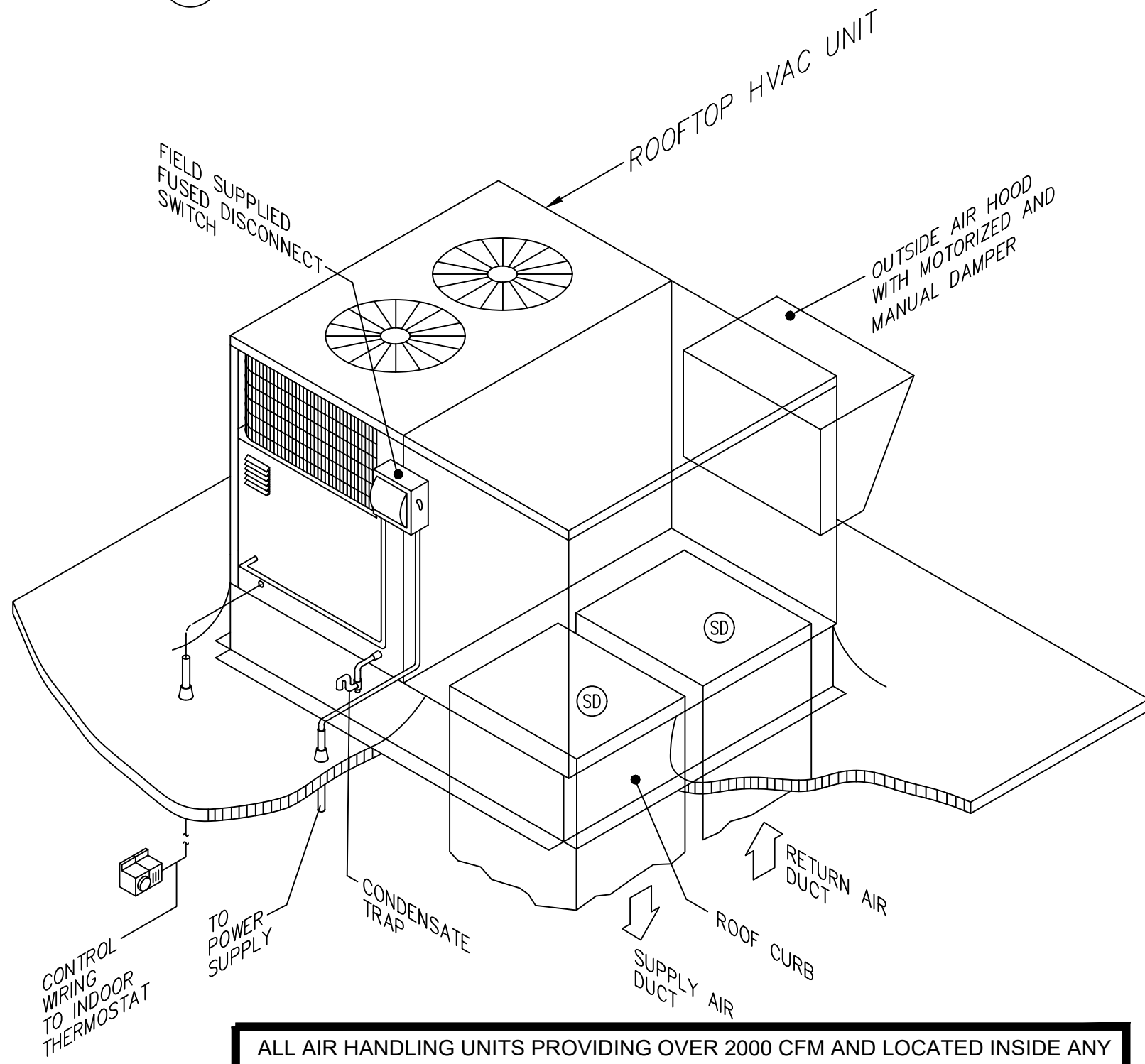
5 DETAIL - CONDENSATE DRAIN
SCALE: NO SCALE



6 DETAIL - ROOF-MOUNTED EXHAUST HOOD
SCALE: NO SCALE

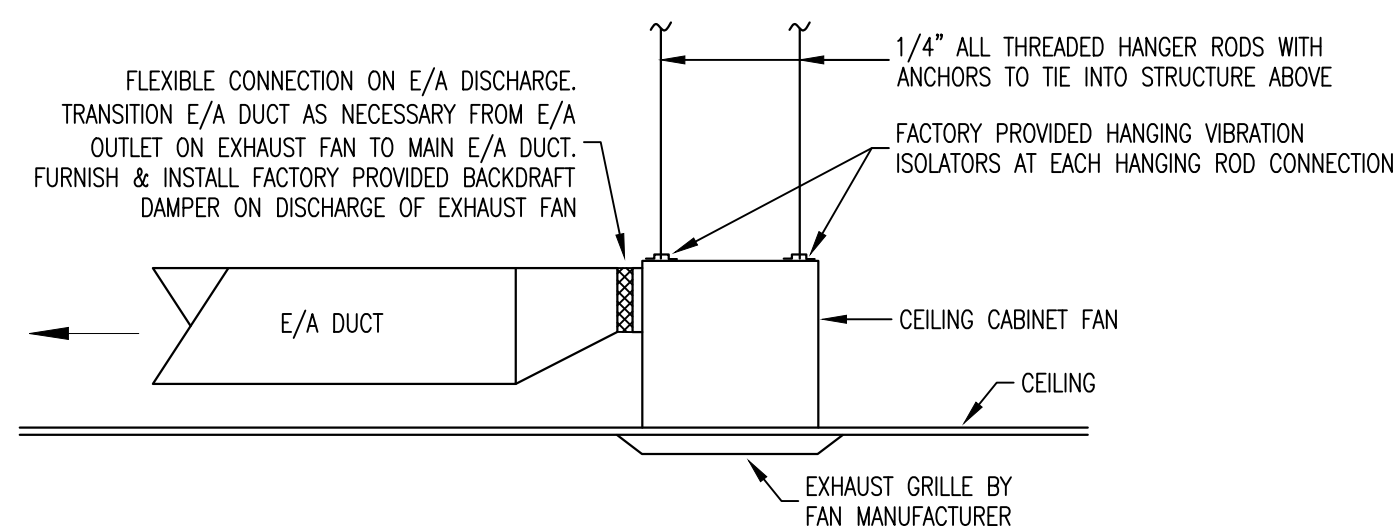


7 DETAIL - RETURN GRILLE PLENUM
SCALE: NO SCALE



ALL AIR HANDLING UNITS PROVIDING OVER 2000 CFM AND LOCATED INSIDE ANY BUILDING WITHOUT A FIRE ALARM SYSTEM SHALL HAVE INDIVIDUAL AUDIO AND VISUAL ALARMS PLACED ON NEAREST WALL TO THE UNITS. COORDINATE WITH ARCHITECT.

8 DETAIL - PACKAGED ROOFTOP UNIT
SCALE: NO SCALE

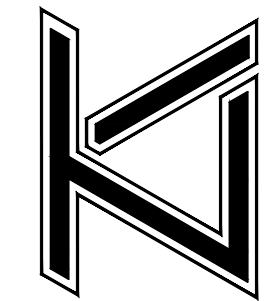


GENERAL NOTES:
1. CEILING CABINET EXHAUST FAN SHALL BE FACTORY PROVIDED WITH AN INSULATED FAN HOUSING.
2. PROVIDE SUPPORT ON EXHAUST DUCT AS PER SMACNA STANDARDS & WITH A MINIMUM OF (2) SUPPORTS ON DUCTS OVER 6'-0" IN LENGTH & (1) SUPPORT ON DUCTS UNDER 6'-0" IN LENGTH.
3. REFER TO MECHANICAL FLOOR PLANS FOR EXHAUST DISCHARGE TERMINATION TYPE (THRU EXTERIOR WALL OR ROOF).

9 DETAIL - CABINET EXHAUST FAN
SCALE: NO SCALE

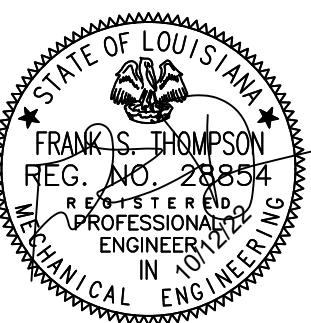
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MARY BIRD PERKINS CANCER CENTER
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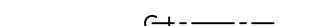
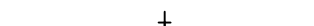


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SHEET NO:

M3.0

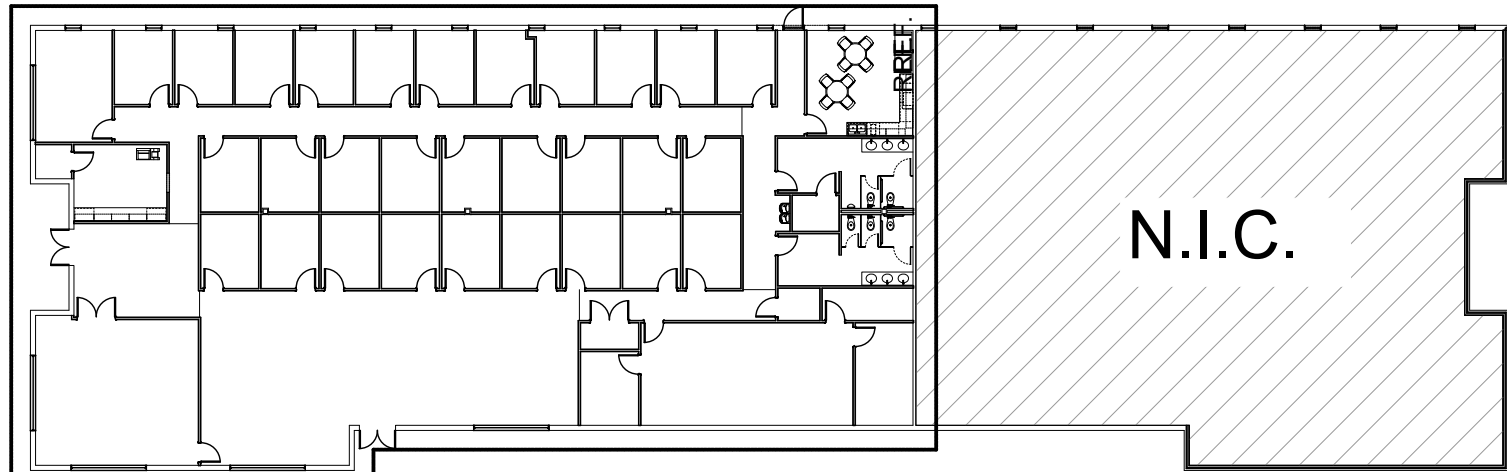
PLUMBING LEGEND					
SYMBOL	ABBREVIATION	DESCRIPTION	SYMBOL	ABBREVIATION	DESCRIPTION
	W	SANITARY WASTE PIPE AND SIZE		-	FULL SIZE SHUT OFF VALVE (BALL)
	V	SANITARY VENT PIPE AND SIZE		-	PIPE DOWN
	CW	DOMESTIC COLD WATER PIPE		-	PIPE UP
	HW	DOMESTIC HOT WATER PIPE		-	PIPE TEE UP
	TP	TRAP PRIMER PIPE		-	PIPE TEE
	-	PIPE SIZE		-	PIPE TEE DOWN
	CO	CLEAN OUT		-	PIPE CONTINUES
	FD	FLOOR DRAIN AND SIZE			

SANITARY SEWER PLAN NOTES

- 1 4"W., 3"V., TO SERVE WATER CLOSET, TYPICAL.
- 2 2"W., 2"V., TO SERVE LAVATORY/SINK, TYPICAL.
- 3 3"W., 2"V. TO SERVE FLOOR DRAIN, TYPICAL.
- 4 3"W., 2"V TO SERVE JANITOR'S SINK, TYPICAL.
- 5 2"W., 2"V. TO SERVE ELECTRIC WATER COOLER, TYPICAL.
- 6 CONTRACTOR MUST SAWCUT AS REQUIRED TO ACCOMMODATE INSTALLATION OF ALL NEW SEWER PIPING IN EXISTING SLAB.

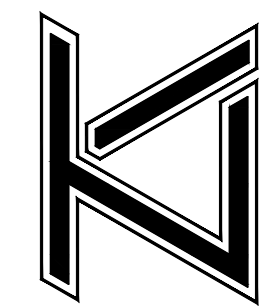


1 SANITARY SEWER PLAN
P1.0 SCALE: 3/16" = 1'-0"



2 KEY PLAN - 5215 ESSEN LANE
P1.0 SCALE: NO SCALE

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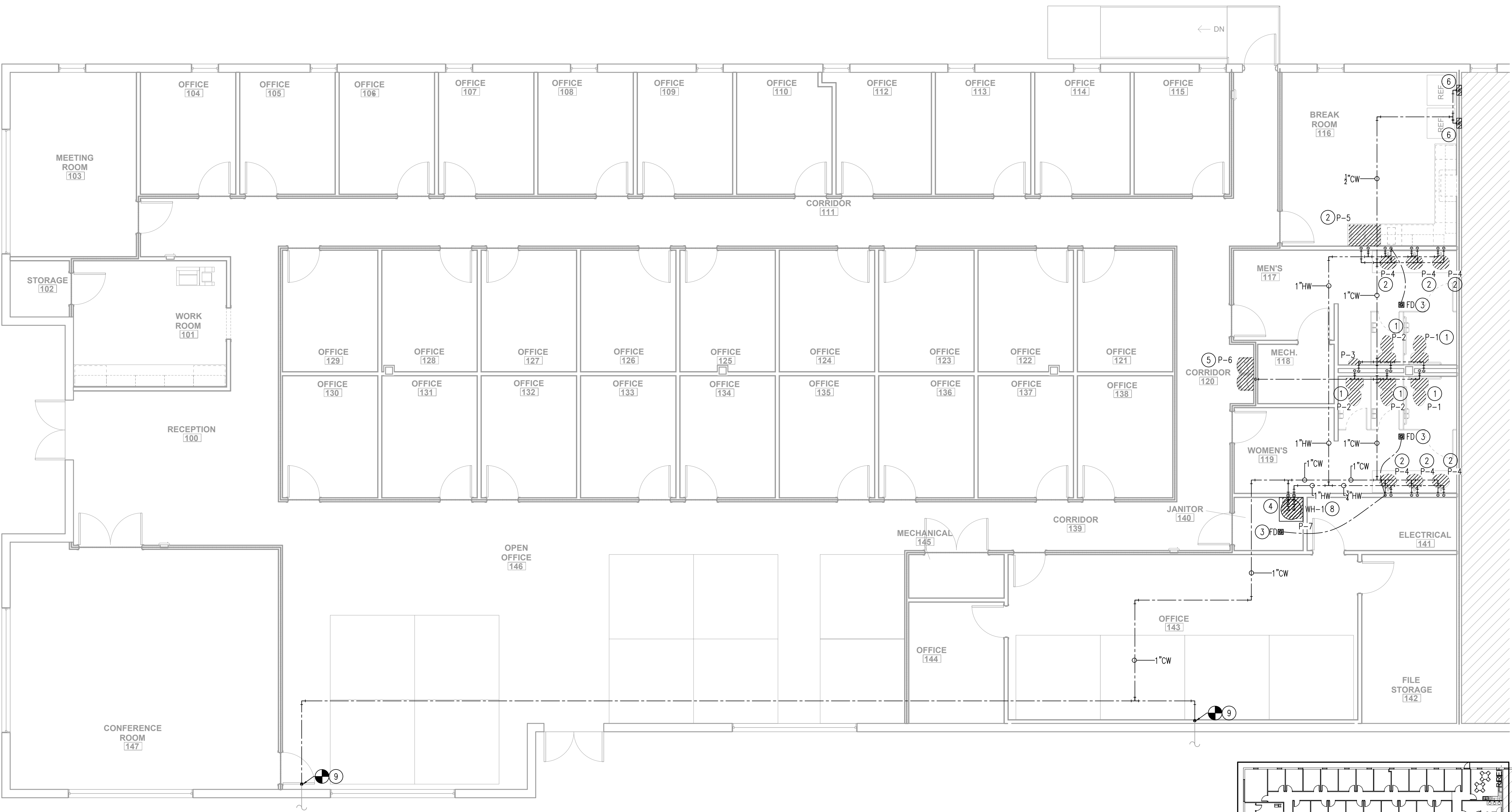


MARY BIRD PERKINS CANCER CENTER
TENANT BUILDOUT
5215 ESSEN LANE
BATON ROUGE, LOUISIANA 70809

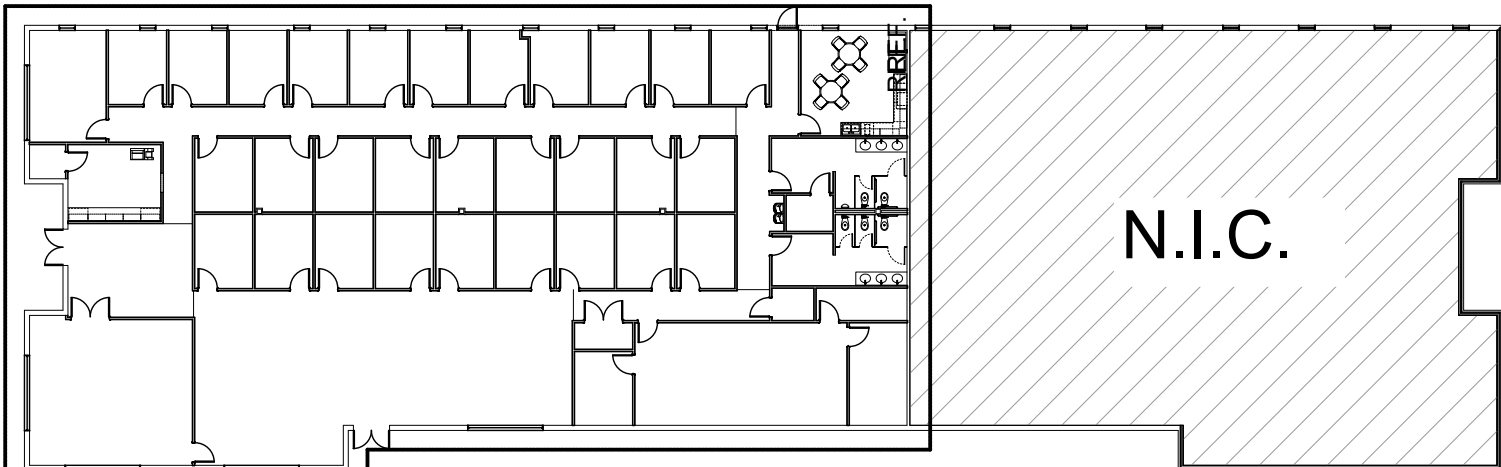


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SHEET NO:
P1.0



1 DOMESTIC WATER PLAN
P1.1 SCALE: 3/16" = 1'-0"

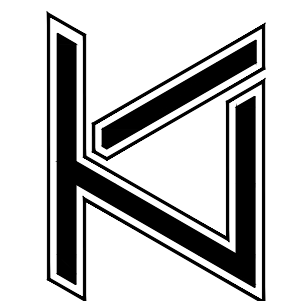


2 KEY PLAN - 5215 ESSEN LANE
P1.1 SCALE: NO SCALE

DOMESTIC WATER PLAN NOTES

- 1 1/2" CW TO SERVE WATER CLOSET, TYPICAL.
- 2 1/2" H&CW TO SERVE LAVATORY/SINK, TYPICAL.
- 3 1/2" TRAP PRIMER TO SERVE FLOOR DRAIN, TYPICAL.
- 4 1/2" H&CW TO SERVE JANITOR'S SINK, TYPICAL.
- 5 1/2" H&CW TO SERVE ELECTRIC WATER COOLER, TYPICAL.
- 6 1/2" CW TO SERVE REFRIGERATOR VALVE BOX, TYPICAL.
- 7 ISOLATION BALL VALVES IN CEILING, TYPICAL.
- 8 ELECTRIC WATER HEATER LOCATED ABOVE JANITOR'S SINK, WH-1, WITH STAINLESS STEEL DRAIN PAN, 1" COPPER DRAIN LINE WITH STAINLESS STEEL BALL VALVE AND T&P. PIPED TO MOP SINK. CONTRACTOR SHALL COORDINATE WITH MECHANICAL EQUIPMENT AND DUCTWORK AND SHALL ADJUST LOCATION AS NECESSARY TO ACCOMMODATE SUFFICIENT SERVICE CLEARANCE FOR ALL MECHANICAL EQUIPMENT. PROVIDE MIXING VALVE AS PER SCHEDULE. REFER TO SHEET P3.0 FOR THERMOSTATIC MIXING VALVE DETAIL.
- 9 CONTRACTOR TO CONNECT TO EXISTING 3" CW LINE AT POINT OF CONNECTION SHOWN. VERIFY EXACT POINT OF CONNECTION ON JOBSITE.

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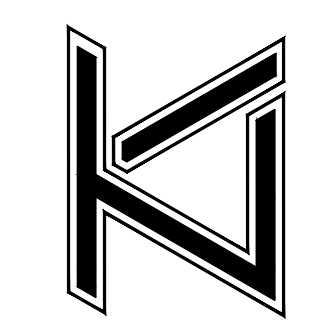
SHEET NO:
P1.1

PLUMBING FIXTURE SCHEDULE														
TAG	FIXTURE DESCRIPTION	MANUFACTURER & MODEL NUMBER	TRIM						CONNECTION SIZE				NOTES	
			FLUSHVALVE	SEAT	CARRIER	FAUCET	DRAIN	MISCELLANEOUS	CW	HW	SAN.	VENT		
P-1	FLOOR MOUNTED WHITE VITREOUS CHINA TANK TYPE WATER CLOSET WITH PRESSURE-ASSISTED SIPHON JET FLUSH ACTION(1.6 GPF); ADA COMPLIANT	AMERICAN STANDARD 2467.016 KOHLER K-3493 ZURN Z5560	--	BENEKE 527 SS CHURCH 9500 SSC	--	--	--	CLOSET SUPPLY WITH STOP BRASSCRAFT CR1912DL EASTMAN CM12	½"	--	4"	3"		
P-2	FLOOR MOUNTED WHITE VITREOUS CHINA TANK TYPE WATER CLOSET WITH PRESSURE-ASSISTED SIPHON JET FLUSH ACTION(1.6 GPF)	AMERICAN STANDARD 2462.016 KOHLER K-3505 ZURN Z5570	--	BENEKE 527 SS CHURCH 9500 SSC	--	--	--	CLOSET SUPPLY WITH STOP BRASSCRAFT CR1912DL EASTMAN CM12	½"	--	4"	3"		
P-3	WALL MOUNTED WHITE VITREOUS CHINA URINAL WITH MANUAL FLUSH VALVE, WASHOUT FLUSH ACTION(1.0 GPF) AND EXTENDED SIDES FOR PRIVACY; ¾" TOP SPUD	AMERICAN STANDARD 6501.010 KOHLER K-4960-ET ZURN Z5750	SLOAN CROWN MODEL 186-1.0 ZURN AQUAFLUSH Z6003-WS1	--	JAY R. SMITH 0615 JOSAM 17560-UR ZURN Z1222	--	--	--	¾"	--	2"	2"	URINAL IS ADA COMPLIANT WHEN MOUNTED NO HIGHER THAN 17" ABOVE FINISHED FLOOR.	
P-4	20"x17" WHITE VITREOUS CHINA SELF-RIMMING WITH FRONT OVERFLOW COUNTERTOP LAVATORY WITH 4" CENTER FAUCET HOLES	AMERICAN STANDARD 0476.028 KOHLER K-2196 ZURN Z5114	--	--	--	AMERICAN STANDARD 7385.003 T&S BRASS B-2711 ZURN Z81000-G	--	1½" CAST BRASS "P" TRAP W/ CLEAN OUT; ⅝" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP	½"	½"	2"	2"	PROVIDE WITH THERMOSTATIC MIXING VALVE.	
P-5	33"x19" TOP MOUNT SELF RIMMING 18 GA. TYPE 304 STAINLESS STEEL DOUBLE COMP. SINK W/ 3 HOLE FAUCET ON 4" CENTERS	ELKAY LR3319 JUST DL-1933-A-GR	--	--	--	ELKAY LKE4102 JUST J-900	ELKAY LK-35 JUST J-35	1½" CAST BRASS "P" TRAP W/ CLEAN OUT; ⅝" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP	½"	½"	2"	2"	PROVIDE WITH THERMOSTATIC MIXING VALVE.	
P-6	TWO STATION WALL HUNG SELF-CONTAINED ELECTRIC WATER COOLER WITH BARRIER FREE ACCESS	ELKAY EZSTL8C ACORN A112108F HALSEY TAYLOR HACBFSBL-Q ADA	--	--	--	--	--	--	½"	-	2"	2"		
P-7	24"x24" TERRAZZO CORNER FLOOR MOUNTED SERVICE SINK W/ STAINLESS STEEL FRONT CAP AND STAINLESS STEEL BACKSPLASH	FIAT TSBC1610 STERN WILLIAMS SBC-1700 ACORN TDF-24-SSC	--	--	--	TS BRASS B-0665-BSTP ZURN 843M1-RC	JUST J-15-SS	1½" CAST BRASS "P" TRAP W/ CLEAN OUT; ⅝" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP	--	--	--	--	PROVIDE HOSE W/BACKET TO SUPPORT HOSE & MOP HANGER FOR EASY STORAGE OF THE MOP OVER SINK.	
FD	CAST IRON FLOOR DRAIN WITH ½" TRAP PRIMER CONNECTION AND ADJUSTABLE SQUARE NICKEL BRONZE STRAINER	JAY R. SMITH 2005 WADE 1100G ZURN Z415S	--	--	--	--	--	--	--	--	3"	2"		
CO	ROUND FLOOR CLEANOUT WITH ADJUSTABLE STAINLESS STEEL COVER AND PLUG	MIFAB C1100 OR APPROVED EQUAL	--	--	--	--	--	--	--	--	--	--	COORDINATE WITH FLOOR PLAN FOR SIZE	

ELECTRIC WATER HEATER SCHEDULE										
MARK	SERVICE	STORAGE GALLONS	GPH AT 90°F RISE	ELEMENTS NO. KW EA		TOTAL KW	ELECTRIC SERVICE	MANUFACTURER		
WH-1	SEE PLAN	20	41	2	4.5	9.0	208/1ϕ/60	STATE PCE 20		
1. CONTRACTOR TO PROVIDE & INSTALL A BLADDER TYPE THERMAL EXPANSION TANK, ELBI DTS-19 (5 GAL. CAPACITY), OR APPROVED EQUAL. 2. HEATER SHALL BE SIMULTANEOUSLY WIRED. 3. WATER HEATER TO BE FURNISHED AND INSTALLED WITH A LAWLER 803 MS PREPIPED MIXING VALVE ASSEMBLY WITH BRONZE BODY HOT WATER CIRCULATION PUMP, B&G PL SERIES. PUMP DATA: 10 GPM @ 20' HEAD, 1/12 HP, 120V/1ϕ/60. 4. MIXING VALVE SYSTEM MINIMUM IS 1/2 GPM. 5. MIXING VALVE ASSEMBLY SHALL BE ON MOUNTING STRUT.										

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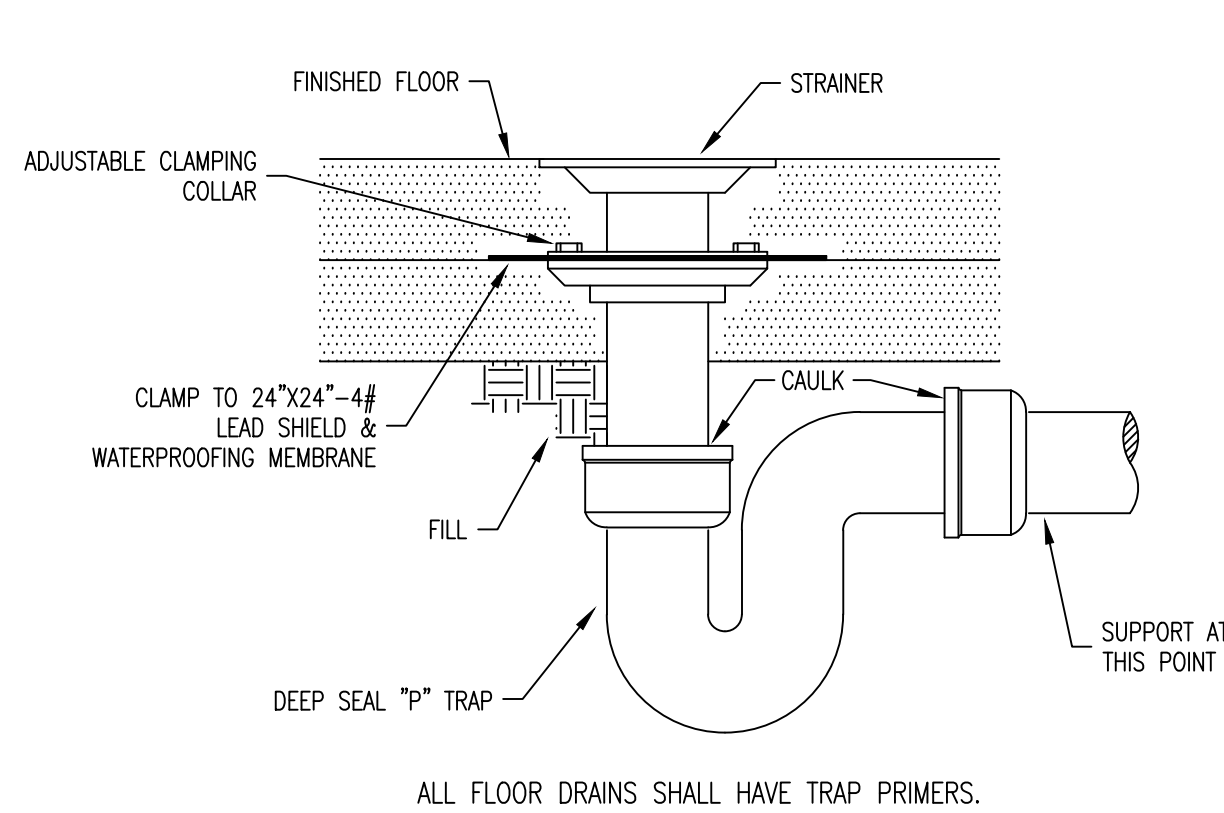


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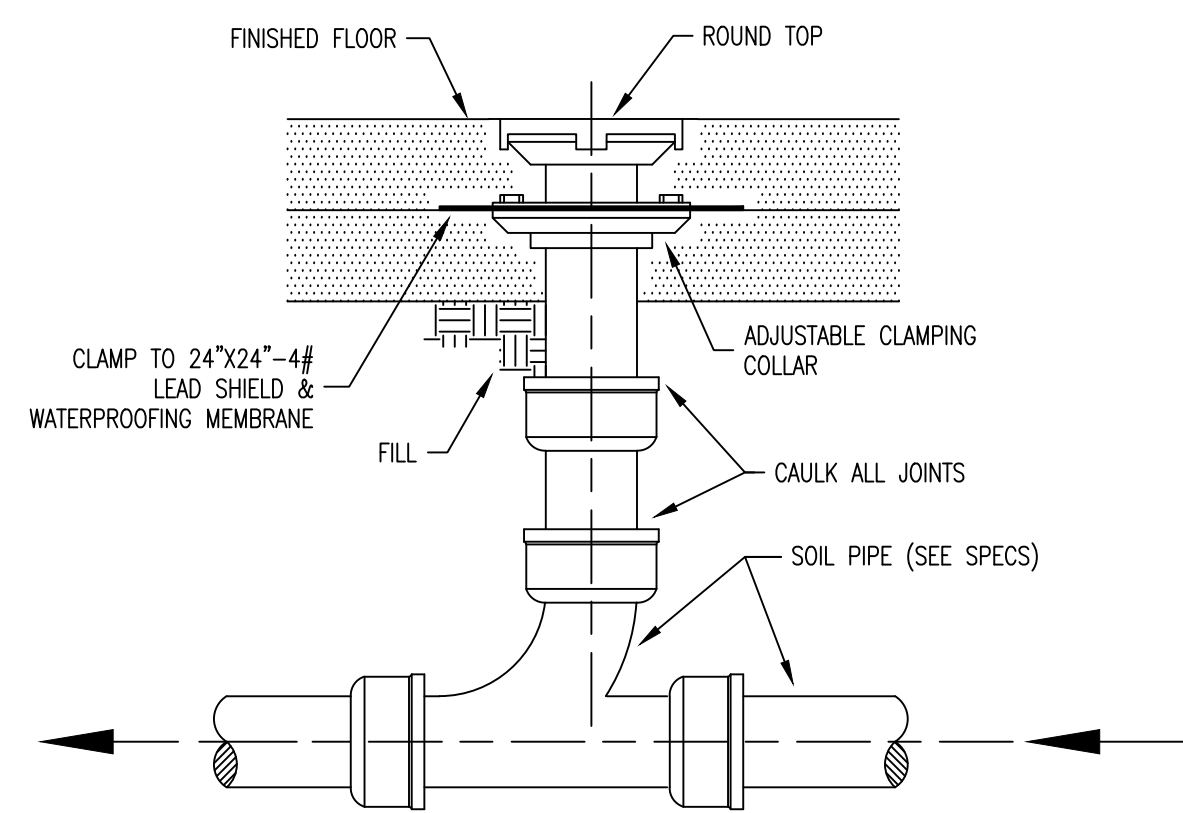
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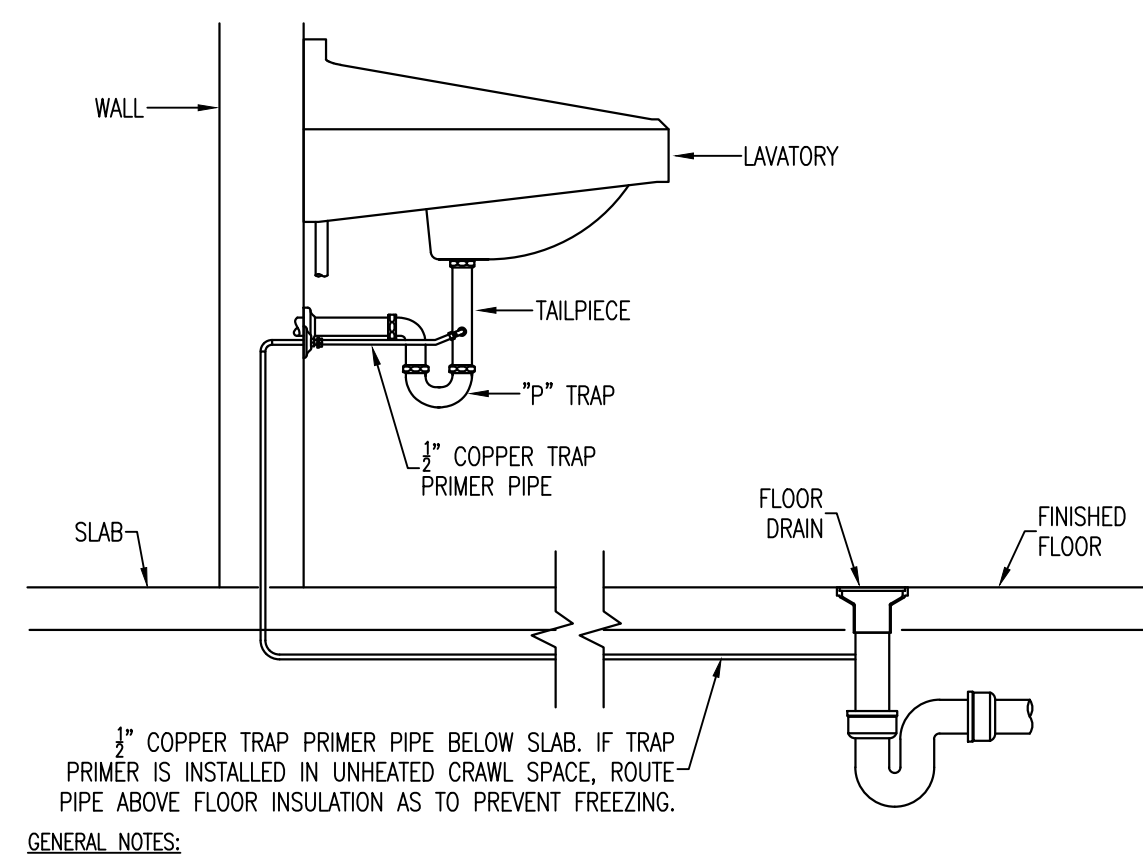
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1
P3.0
DETAIL - FLOOR DRAIN
SCALE: NO SCALE

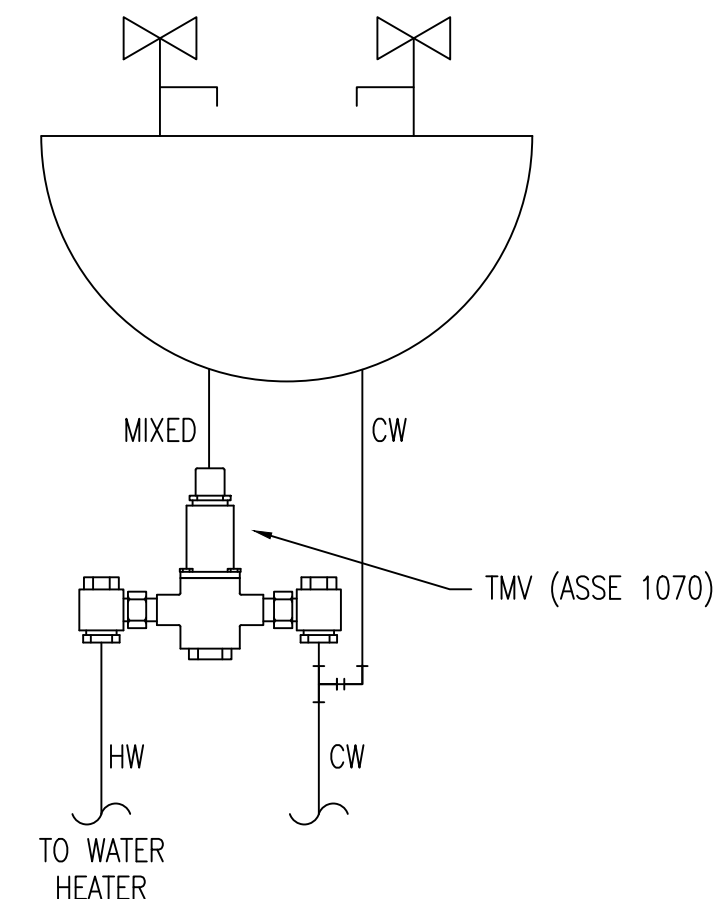


2
P3.0
DETAIL - INTERIOR CLEANOUT
SCALE: NO SCALE



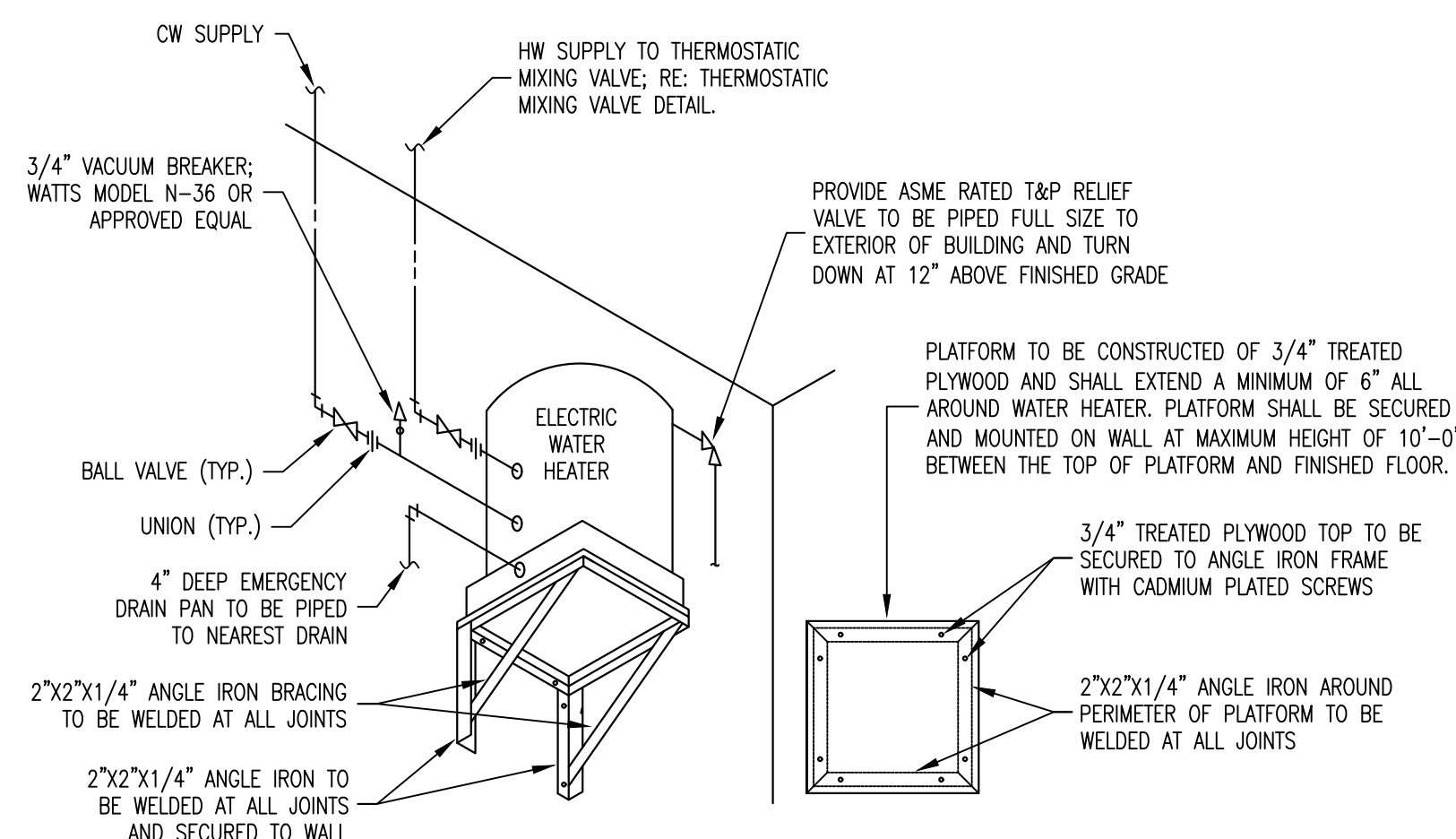
GENERAL NOTES:
1. ALL COPPER PIPING BELOW SLAB SHALL BE SOFT DRAWN WITH NO JOINTS. ALL COPPER PIPING ABOVE SLAB SHALL BE HARD DRAWN COPPER.

3
P3.0
DETAIL - TRAP PRIMER
SCALE: NO SCALE

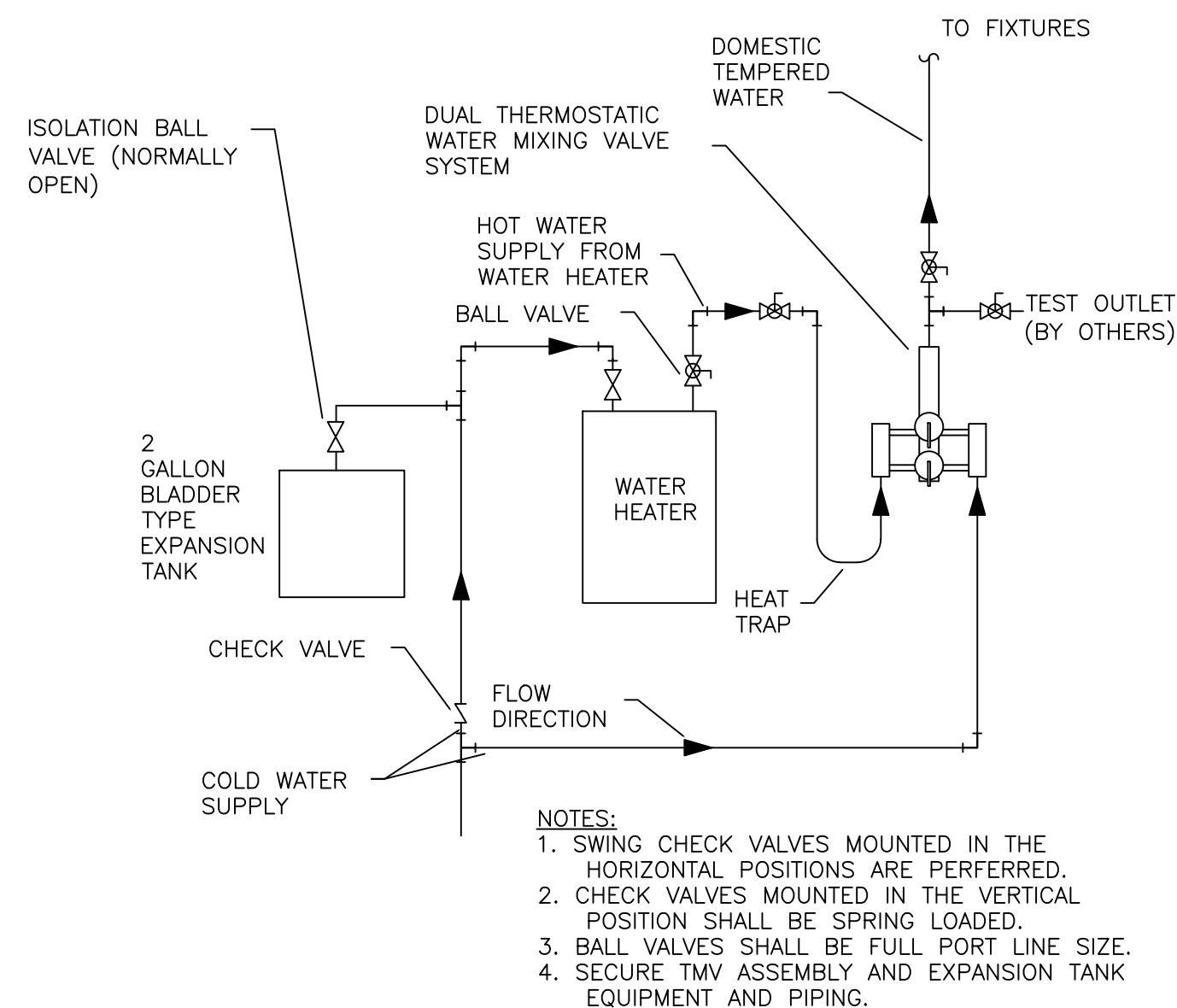


CONTRACTOR SHALL PROVIDE AND INSTALL LEONARD 170-LF OR 270-LF (FOR MULTIPLE FIXTURES) THERMOSTATIC MIXING VALVE IN STRICT ACCORDANCE WITH LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS.

4
P3.0
DETAIL - ASSE 1070 TMV
SCALE: NO SCALE

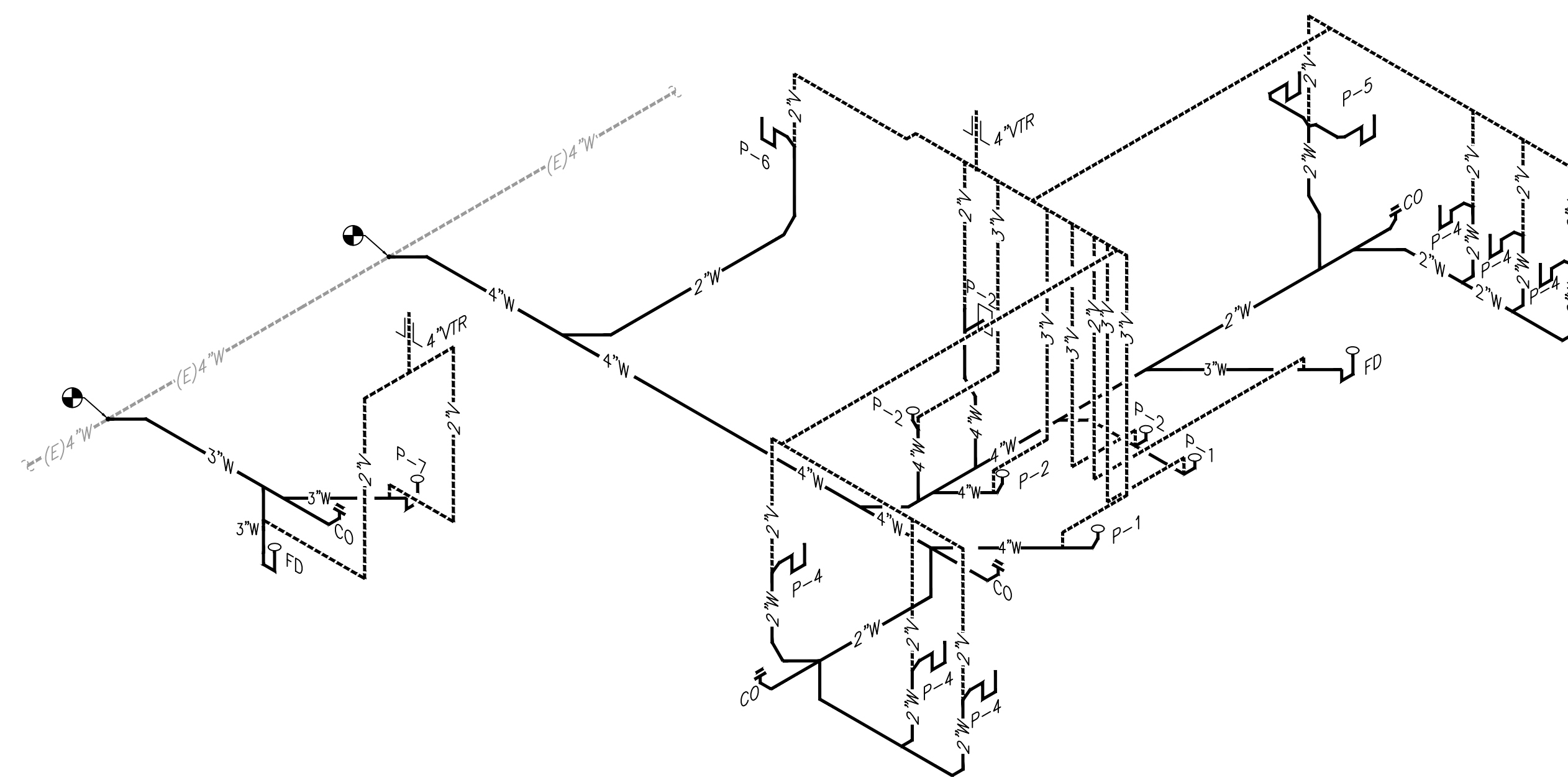


5
P3.0
DETAIL - WALL-MOUNTED ELECTRIC WATER HEATER
SCALE: NO SCALE



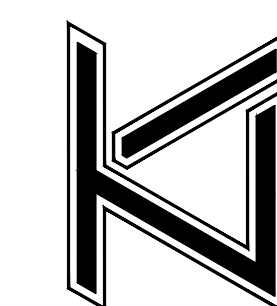
NOTES:
1. SWING CHECK VALVES MOUNTED IN THE HORIZONTAL POSITIONS ARE PERFERRD.
2. CHECK VALVES MOUNTED IN THE VERTICAL POSITION SHALL BE SPRING LOADED.
3. BALL VALVES SHALL BE FULL PORT LINE SIZE.
4. SECURE TMV ASSEMBLY AND EXPANSION TANK EQUIPMENT AND PIPING.

6
P3.0
DETAIL - THERMOSTATIC MIXING VALVE
SCALE: NO SCALE



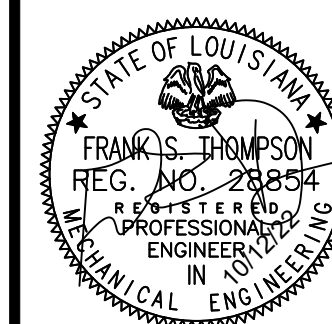
7
P3.0
DETAIL - PLUMBING RISER DIAGRAM
SCALE: NO SCALE

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ELECTRICAL SYMBOL LEGEND

GENERAL

KEYNOTE
A-1,3 CIRCUIT TAG; PANEL AND CIRCUIT DESIGNATION AS INDICATED; E.G. PANEL "A", CIRCUIT #1,3

WIRE, CONDUIT, AND RACEWAY

ABOVE-SLAB CONDUIT & WIRE/CABLING
BELOW-SLAB CONDUIT & WIRE/CABLING; 3/4" MINIMUM CONDUIT SIZE UON

HOMERUN TO PANEL; TICK MARKS INDICATED NUMBER OF WIRES

DISTRIBUTION

PANEL BOARD, SWITCHBOARD, OR OTHER DISTRIBUTION EQUIPMENT AS NOTED; INSTALL WITH SUFFICIENT WORKING SPACE AND CLEARANCES TO MEET ALL REQUIREMENTS OF NEC SECTION 110.26.

EQUIPMENT CONNECTIONS

(PROVIDE CONDUIT AND WIRE PER THE PANEL SCHEDULE)

FUSED SAFETY DISCONNECT SWITCH; LOCATE WITHIN SIGHT OF THE EQUIPMENT SERVED WITH 36" MINIMUM CLEAR WORKING SPACE IN FRONT OF THE SWITCH; DO NOT MOUNT DIRECTLY TO EQUIPMENT

JUNCTION BOX

JUNCTION BOX FOR MOTORIZED DAMPER

MOTOR RATED SWITCH WITH THERMAL OVERLOAD; LOCATE WITHIN SIGHT OF THE EQUIPMENT SERVED; DO NOT MOUNT DIRECTLY TO EQUIPMENT; WHEN LOCATED ABOVE CEILING, MOUNT TO STRUCTURAL MEMBER NEARBY.

ELECTRICAL MOTOR, HORSEPOWER AS NOTED

POWER DEVICES

(PROVIDE CONDUIT AND WIRE PER THE PANEL SCHEDULE)

DUPLEX RECEPTACLE

DUPLEX RECEPTACLE MOUNTED FLUSH TO CEILING OR MOUNTED TO STRUCTURE IN AREAS WITH NO CEILING; SUBSCRIPT (WHEN USED); OR -CORD REEL

ABOVE-COUNTER DUPLEX RECEPTACLE; MOUNT AT 4" ABOVE COUNTER OR BACKSPASH OR 44" (WHICHEVER IS LOWER)

GFCI DUPLEX RECEPTACLE

ABOVE-COUNTER GFCI DUPLEX RECEPTACLE; MOUNT AT 4" ABOVE COUNTER OR BACKSPASH OR 44" (WHICHEVER IS LOWER)

QUADRAPLEX RECEPTACLE

ABOVE-COUNTER QUADRAPLEX RECEPTACLE; MOUNT AT 4" ABOVE COUNTER OR BACKSPASH OR 44" (WHICHEVER IS LOWER)

SPECIAL PURPOSE RECEPTACLE; VERIFY NEMA CONFIGURATION WITH THE MANUFACTURER OF THE EQUIPMENT SERVED

VOICE/DATA/POWER FLUSH FLOOR BOX

DUPLEX RECEPTACLE FLUSH FLOOR BOX

QUADRAPLEX RECEPTACLE FLUSH FLOOR BOX

TELECOMMUNICATIONS

(JACKET COLORS TO BE PER THE OWNER'S STANDARDS IF APPLICABLE)

TELECOM TERMINAL BOARD; 0-1" THICK AC INDOOR GRADE, FIRE RETARDANT PLYWOOD, PAINTED AS SPECIFIED BY THE ARCHITECT OR OWNER

DUPLEX DATA OUTLET; PROVIDE 1" TO AN ACCESSIBLE LOCATION ABOVE CEILING, TWO (2) BLUE CAT 6 CABLES FROM THE OUTLET TO THE TELECOM TERMINAL BOARD

DUPLEX DATA OUTLET, AS ABOVE, MOUNTED FLUSH TO CEILING OR MOUNTED TO STRUCTURE IN AREAS WITH NO CEILING

DUPLEX DATA OUTLET, AS ABOVE, MOUNTED ABOVE COUNTER

DATA/VOICE OUTLET; PROVIDE 1" TO AN ACCESSIBLE LOCATION ABOVE CEILING, ONE (1) BLUE AND ONE (1) WHITE CAT 6 CABLES FROM THE OUTLET TO THE TELECOM TERMINAL BOARD

VOICE OUTLET; PROVIDE 1" TO AN ACCESSIBLE LOCATION ABOVE CEILING, ONE (1) WHITE CAT 6 CABLE FROM THE OUTLET TO THE TELECOM TERMINAL BOARD

DUPLEX DATA FLUSH FLOOR BOX; PROVIDE 1" TO AN ACCESSIBLE LOCATION ABOVE CEILING, ONE (1) BLUE CAT 6 CABLE FROM THE OUTLET TO THE TELECOM TERMINAL BOARD

WIRELESS ACCESS POINT (BY OWNER); PROVIDE 1" TO AN ACCESSIBLE LOCATION ABOVE CEILING, ONE (1) BLUE CAT 6 CABLE FROM THE ACCESS POINT LOCATION TO THE TELECOM TERMINAL BOARD

LEGRAND EVOLUTION 4-GANG OR APPROVED EQUAL TV WALL BOX WITH ONE DUPLEX RECEPTACLE, ONE DUPLEX DATA OUTLET, ONE COAX OUTLET, AND ONE HDMI OUTLET; PROVIDE 1", TWO (2) BLUE CAT 6 CABLES AND 1", ONE (1) CATV CABLE FROM THE BOX TO THE TELECOM TERMINAL BOARD; PROVIDE CONDUIT AND WIRE FOR POWER PER THE PANEL SCHEDULE.

LEGRAND EVOLUTION 4-GANG OR APPROVED EQUAL COMBO RECESSED FLOOR BOX WITH TWO (2) DUPLEX RECEPTACLES, FOUR (4) DATA OUTLETS (UNDER A SINGLE PLATE), AND SPEAKER CONNECTIONS; PROVIDE 1-1/4" TO AN ACCESSIBLE LOCATION ABOVE CEILING, FOUR (4) BLUE CAT 6 CABLES FROM THE BOX TO THE TELECOM TERMINAL BOARD, ROUTE 1-1/4" EC WITH PULLSTRING FROM THE BOX TO THE TV WALL BOX IN THE SAME ROOM FOR HDMI CABLING. PROVIDE CONDUIT AND WIRE FOR POWER PER THE PANEL SCHEDULE.

LEGRAND EVOLUTION FURNITURE FEED OR APPROVED EQUAL COMBO RECESSED FLOOR BOX WITH POWER CONNECTION & NUMBER OF DATA DROPS INDICATED BY NUMBER ADJACENT TO SYMBOL. PROVIDE (1) 1-1/4" C TO LOCATION ABOVE ACCESSIBLE CEILING FOR DATA & CONDUIT/CONDUCTOR PER PANEL SCHEDULE FOR POWER; CONTRACTOR SHALL MAKE TERMINATIONS TO SYSTEMS FURNITURE AND PROVIDE ANY/ALL ADDITIONAL HARDWARE AS REQUIRED.

(REFER TO DRAWINGS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS)

LIGHTING

(PROVIDE CONDUIT AND WIRE PER THE PANEL SCHEDULE FOR POWER AND PER THE MANUFACTURER'S SPECIFICATIONS FOR CONTROLS)

LIGHT FIXTURE, UPPERCASE LETTER(S) INDICATE FIXTURE TYPE; LOWERCASE LETTER(S) INDICATE ASSOCIATED CONTROLS ID; SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE DESCRIPTIONS AND MOUNTING TYPES

EXIT LIGHT FIXTURE; ARROWS (IF USED) INDICATE DIRECTION, FILLED IN QUADRANTS INDICATE NUMBER AND ORIENTATION OF ILLUMINATED FACES; LETTER(S) INDICATE FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE DESCRIPTION.

CEILING MOUNTED OCCUPANCY SENSOR WITH 360° COVERAGE; LOCATE AND INSTALL PER THE MANUFACTURER'S RECOMMENDATIONS; TEST AND ADJUST SENSITIVITY AFTER INSTALLATION AND SET TIME DELAY AS REQUIRED BY THE OWNER

CEILING MOUNTED OCCUPANCY SENSOR, AS ABOVE, CONFIGURED FOR VACANCY OPERATION

PHOTOELECTRIC CELL, EXTERIOR RATED; AIM AND SHIELD SENSOR FROM INTERIOR AND EXTERIOR ARTIFICIAL LIGHT SOURCES

SWITCH; SUBSCRIPT (WHEN USED); NONE - SINGLE POLE TOGGLE SWITCH 3 - THREE-WAY SWITCH D - LINEAR SLIDE DIMMER SWITCH 3D - THREE-WAY LINEAR SLIDE DIMMER SWITCH O - WALL MOUNTED OCCUPANCY SENSOR 3O - THREE-WAY SWITCH WITH OCCUPANCY SENSOR a,b,c etc. - SWITCH ID

SECURITY (EQUIPMENT PROVIDED BY OWNER/OTHERS)

(EQUIPMENT PROVIDED BY OTHERS)

JUNCTION BOX FOR KEYPAD; INSTALL 48" AFF AND PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING

JUNCTION BOX FOR DOOR CONTACT (MAGNETIC LOCK); PROVIDE 3/4"EC WITH PULL STRING FROM THE DOOR FRAME TO THE JUNCTION BOX AND FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING

JUNCTION BOX FOR CARD READER; PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING

JUNCTION BOX FOR ELECTRIC STRIKE LOCK; PROVIDE 3/4"EC WITH PULL STRING FROM THE DOOR FRAME TO THE JUNCTION BOX AND FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING

JUNCTION BOX FOR DOOR OPERATOR; PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING NEAR THE CONTROLLED DOOR

JUNCTION BOX FOR MOTION DETECTOR; PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING

JUNCTION BOX FOR CEILING MOUNTED CAMERA; PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING

ELECTRICAL GENERAL NOTES

- ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AS ADOPTED BY THE AHJ.
- THE WORDS "PROVIDE" AND "PROVIDED" AS USED HEREIN SHALL BE UNDERSTOOD TO MEAN, "PROVIDE COMPLETE IN PLACE," THAT IS "FURNISH AND INSTALL." EQUIPMENT AND MATERIAL INDICATED TO BE PROVIDED SHALL BE NEW UNLESS OTHERWISE NOTED AND SHALL BE OF THE MOST SUITABLE GRADE FOR THE PURPOSE INTENDED.
- ROUTE NEW CONDUIT AND WIRING CONCEALED IN WALLS AND CEILING WHERE POSSIBLE. COORDINATE INSTALLATION OF EXPOSED CONDUIT AND WIRING WITH THE ARCHITECT.
- CONTRACTOR SHALL PROVIDE ELECTRICAL SERVICE TO NEW HVAC UNITS AS FURNISHED BY THE MECHANICAL CONTRACTOR. VERIFY THE EXACT ELECTRICAL REQUIREMENTS WITH THE REVIEWED HVAC SUBMITTALS PRIOR TO ORDERING ELECTRICAL EQUIPMENT.
- BEFORE INSTALLATION, CONTRACTOR SHALL SUBMIT DETAILED DRAWINGS TO THE ENGINEER FOR REVIEW COVERING PROPOSED LOCATIONS, MOUNTING, AND ROUTING FOR ALL CONDUITS, SERVICES, FITTINGS, GROUND RODS, SUPPORTS, ETC.
- MATERIALS AND MANUFACTURERS NOTED ON DRAWINGS ARE TO BE USED AS BASIS OF DESIGN TO ESTABLISH QUALITY AND PERFORMANCE STANDARDS AND SHALL BE PROVIDED AS SPECIFIED. SUBSTITUTIONS WILL BE CONSIDERED WHERE SUFFICIENT PRODUCT INFORMATION IS PROVIDED TO MAKE A PROPER EVALUATION. REVIEW OF A SUBSTITUTION IS AT THE SOLE DISCRETION OF THE PROFESSIONAL.
- THE CONTRACTOR SHALL SUBMIT COPIES OF THE PRODUCT DATA, SHOP DRAWINGS, ETC. OF ALL MATERIALS NOTED ON THE DRAWINGS. ALL SUBMITTED PRODUCT DATA, SHOP DRAWINGS, ETC. SHALL BE MARKED WITH THE NAME OF THE PROJECT AND SHALL BEAR THE STAMP OF APPROVAL OF THE CONTRACTOR AS EVIDENCE THAT THE MATERIAL HAS BEEN CHECKED BY THE CONTRACTOR.
- DRAWINGS SPECIFIC TO THIS DRAWING DO NOT LIMIT THE RESPONSIBILITY OR WORK REQUIRED BY THE CONTRACT DOCUMENTS. REFER TO TRADES AND SPECIFICATIONS OF OTHER TRADES FOR COMPLETE INFORMATION PRIOR TO BID.
- WHERE CONFLICTS EXIST AMONG DRAWINGS, SPECIFICATIONS, AND EQUIPMENT SCHEDULES, THE MOST STRINGENT REQUIREMENT OR QUANTITY SHALL APPLY. NOTIFY THE ARCHITECT/ENGINEER OF ALL CONFLICTS FOR RESOLUTION OR INTERPRETATION.
- NO EQUIPMENT SHALL BE ORDERED OR INSTALLED UNTIL THE PROJECT ENGINEER HAS RECEIVED A COPY STAMPED "NO EXCEPTIONS TAKEN." "NO EXCEPTIONS TAKEN" DOES NOT RELIEVE THE CONTRACTOR FROM CONFORMANCE WITH THE CONTRACT, EXTEND TO QUANTITIES OR DIMENSIONS. IMPLY THAT THE EQUIPMENT CAN BE INSTALLED OR OPERATE SATISFACTORILY, THAT THE EQUIPMENT CONTAINS ALL NECESSARY COMPONENTS, OR THAT IT WILL COORDINATE WITH OTHER REVIEWED ITEMS.
- OMISSION FROM THIS SHEET OF ANY ITEM SHOWN ELSEWHERE IN THE PLANS DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR ANY ASSOCIATED WORK.
- COORDINATE INSTALLATION OF NEW ITEMS AND EQUIPMENT WITH THE OWNER'S REPRESENTATIVE AND THE WORK OF OTHER TRADES. THE CONTRACTOR SHALL INCUR ALL COSTS ASSOCIATED WITH THE RELOCATION OF EQUIPMENT CONFLICTING WITH NEW WORK BY OTHER TRADES THAT HAS NOT BEEN COORDINATED.
- COORDINATE ALL ASPECTS OF NEW SERVICE WITH UTILITY COMPANY AND INCLUDE ALL COSTS IN BID.
- WARNING TAPE SHALL BE INSTALLED 12 TO 18 INCHES BELOW GRADE OVER ALL CONDUITS.
- PROVIDE 1/4" MINIMUM DIAMETER PULL ROPE. PULL ROPE SHALL NOT BE NYLON STRING.
- ALL CONDUIT RISERS FROM UNDERGROUND SHALL HAVE RIGID METAL ELLS AND RISERS.
- PRIOR TO CONSTRUCTION, VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. AVOID DISTURBANCE OF EXISTING UTILITIES NOT INCLUDED IN THIS PROJECT.
- MC CABLE SHALL BE PERMITTED FOR USE ON THIS PROJECT.

LIGHTING GENERAL NOTES

- VERIFY THE EXACT LOCATION OF ALL LIGHTING SWITCHES WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- VERIFY THE EXACT LOCATION OF ALL LIGHTING FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN PRIOR TO ROUGH-IN.
- VERIFY THE EXACT LOCATION OF CEILING MOUNTED OCCUPANCY SENSORS WITH THE MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION FOR MAXIMUM PERFORMANCE.
- EMERGENCY FIXTURES AND EXIT FIXTURES SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT. BRANCH CIRCUIT WIRING TO EXIT FIXTURES AND TO BATTERY INVERTERS WITHIN FIXTURES WITH INTEGRAL BATTERY UNITS SHALL BE UNSWITCHED, CONNECTED AHEAD OF ANY CONTROL SWITCHING.
- WALL MOUNT TYPE "Z" FIXTURES ABOVE DOOR AS SHOWN ON DRAWINGS. COORDINATE WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- MOUNT TYPE "EM" FIXTURES 8'-0" AFF UNLESS OTHERWISE NOTED.
- VERIFY THE CEILING TYPES FOR ALL LIGHT FIXTURES TO BE FLUSH MOUNTED OR SUSPENDED AND ADJUST FIXTURE MOUNTING TYPES IN ACCORDANCE WITH THE CEILING TYPE, AS REQUIRED. CONTRACTOR SHALL PROVIDE ALL REQUIRED MOUNTING HARDWARE.
- ALL VANITY FIXTURES SHALL BE MOUNTED WITH 0'-3" OF SPACE BETWEEN THE BOTTOM OF THE FIXTURE AND THE TOP OF THE MIRROR UNLESS OTHERWISE NOTED.
- VERIFY THE EXACT MOUNTING LOCATION FOR ANY PHOTOELECTRIC CELLS WITH THE ARCHITECT PRIOR TO ROUGH-IN. ALL PHOTOELECTRIC CELLS MUST FACE NORTH.
- CONTRACTOR SHALL CONFIRM COMPATIBILITY OF ALL LIGHTING CONTROL DEVICES/SWITCHES/DIMMERS WITH LIGHTING FIXTURES AND BALLASTS/DRIVERS PRIOR TO SUBMITTAL.
- COORDINATE LOCATION OF LIGHT FIXTURES IN MECHANICAL ROOMS WITH DIVISION 15/23 PLANNED EQUIPMENT LOCATION AND DUCT INSTALLATION. WALL MOUNT LIGHTS OR PROVIDE PENDANT MOUNTING AS REQUIRED TO ILLUMINATE THE SPACE.
- WHERE MULTIPLE OCCUPANCY SENSORS ARE SHOWN IN THE SAME AREA, MOTION DETECTION BY ONE SENSOR SHALL ILLUMINATE ALL LIGHTING IN THE RESPECTIVE AREA.

TELECOMMUNICATIONS GENERAL NOTES

- PROVIDE 1" CONDUIT AND PULL STRING TO ACCESSIBLE LOCATION ABOVE CEILING AT EACH DATA OUTLET SHOWN. ALL CABLING SHALL BE PROVIDED BY OWNER.
- OWNER SHALL PROVIDE THE WALL MOUNT DATA RACK, ALL ITEMS INCLUDED IN THE DATA RACK, AND ANY NECESSARY TELEPHONE EQUIPMENT.
- PLYWOOD FOR BACKBOARDS SHALL BE 0-1" AC INDOOR GRADE, FIRE RETARDANT, AND PAINTED AS SPECIFIED.
- COMMON BOND RACKS, PATCH PANELS, CABLE SHIELDS, PROTECTORS, AND THE BUILDING MAIN ELECTRICAL GROUNDING CONDUCTORS SHALL BE, AT MINIMUM, #6 AWG INSULATED AND STRANDED COPPER. FASTENERS SHALL BE RECESSED AND ANCHORED.
- ALL BACKBOARDS SHALL BE EQUIPPED WITH D-RINGS SPACED AT 1'-0" APART AROUND ALL EDGES OF THE PLYWOOD TO SUPPORT CABLE AND WIRE.

SPECIAL SYSTEMS GENERAL NOTES

- VERIFY EXACT LOCATION, VOLTAGE, PHASE, AMPERAGE, ETC. OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING ELECTRICAL GEAR.
- PROVIDE AN ADDITIONAL 10%, OR ONE (1), WHICHEVER IS GREATER, OF THE FOLLOWING DEVICES WHICH ARE INCLUDED IN THE PROJECT, AND INSTALL THEM AT THE DIRECTION OF THE ARCHITECT, ENGINEER, OR AHJ DURING THE COURSE OF THE PROJECT. PROVIDE ALL REQUIRED CONDUIT, INTERCONNECTIONS, CONDUCTORS, PROGRAMMING, ETC., AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER. INITIATING DEVICES (PULL STATIONS, SMOKE DETECTORS, THERMAL DETECTORS, ETC.), NOTIFICATION APPLIANCES (STROBES, HORN STROBES, SPEAKER STROBES, SPEAKERS, DUCT DETECTORS, ETC.), AND MONITORING MODULES.
- VERIFY REQUIRED QUANTITY OF DUCT DETECTORS WITH DUCTWORK CONFIGURATION AS IT IS ACTUALLY INSTALLED. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

DEMOLITION GENERAL NOTES

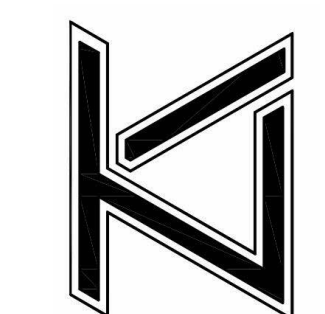
- THE LOCATIONS OF EXISTING CIRCUITS AND EQUIPMENT ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING ELECTRICAL DEVICES, EQUIPMENT, AND WIRING BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSE BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL EXISTING PORTIONS OF THE ELECTRICAL SYSTEMS.
- THE CONTRACTOR SHALL REMOVE SUCH EXISTING WORK AS CALLED FOR ON THE DRAWINGS OR AS REQUIRED TO CLEAR THE AREAS OF NEW CONSTRUCTION.
- ALL EQUIPMENT REMOVED THAT IS NOT BEING REUSED SHALL REMAIN THE PROPERTY OF THE OWNER OR SHALL BE DISPOSED OF AS REQUIRED.
- EXCEPT AS OTHERWISE NOTED, ALL EXISTING ELECTRICAL WORK WHICH WILL NOT BE RENDERED OBSOLETE AND WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT, SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. OTHER ELECTRICAL WORK OR MATERIAL RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED. OLD, UNUSED WIRING AND DEVICES SHALL BE REMOVED FROM THE ABANDONED (CONCEALED) CONDUITS. OUTLETS SHALL BE PROVIDED WITH BLANK COVERS. ANY CONDUITS STUBBED OUT OF MASONRY SURFACE SHALL BE CUT INTO SURFACE AND PATCHED.
- WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH INSTALLATIONS ARE TO REMAIN IN USE, THE INSTALLATIONS SHALL BE DISCONTINUED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH THE WORK INDICATED ON THE CONTRACT DRAWINGS AS AS SPECIFIED.
- WHERE EXISTING RACEWAYS THAT ARE NOT TO BE REUSED INTERFERE WITH NEW WORK, THESE RACEWAYS SHALL BE REMOVED BACK TO THE NEAREST JUNCTION BOX OR PULL BOX AND THE OPENINGS BLANKED.
- CONTRACTOR SHALL MAINTAIN CONTINUITY OF BRANCH CIRCUITS SERVING MULTIPLE ITEMS OF WHICH ONE OR MORE ARE BEING DEMOLISHED. CONDUCTORS AND CONDUITS FOR THOSE ITEMS BEING DEMOLISHED SHALL BE REMOVED AS FAR AS PRACTICABLE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND DATA WIRING NOT REUSED OR NOT NECESSARY FOR THE COMPLETION OF THIS PROJECT.
- IF ANY BRANCH CIRCUIT WIRING FEEDING EQUIPMENT TO REMAIN IN PLACE FOR REUSE IS DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL REPLACE THE NEW BRANCH CIRCUIT WIRING OF THE SAME SIZE AND TYPE AS THAT OF THE EXISTING AT NO COST TO THE OWNER.
- EXISTING DEVICES ARE SHOWN IN GRAY. CONDUIT AND WIRING ARE NOT GENERALLY SHOWN AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ADDITIONAL DEMOLITION WORK AND CLARIFICATION OF INDICATED WORK WILL BE GIVEN BY RFI.
- COORDINATE THE REMOVAL AND REINSTALLATION (OR PROTECTION IN PLACE) OF EXISTING ELECTRICAL EQUIPMENT AND DEVICES WITH THE WORK OF OTHER TRADES TO REPLACE OR REFINISH EXISTING WALLS AND CEILINGS.
- WHERE EXISTING CIRCUITS ARE BEING REMOVED IN EXISTING PANELS, PROVIDE A NEW, NEATLY TYPED DIRECTORY WHICH INDICATES WHERE "SPARE" BREAKERS ARE LOCATED. ANY EXISTING BREAKERS THAT ARE NOT FEEDING DEVICES SHALL REMAIN AND BE LABELED AS A "SPARE."

ABBREVIATIONS

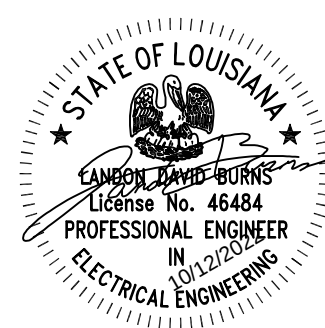
A	AMPERE(S)	CATV	CABLE TELEVISION	EF	EXHAUST FAN	FOC	FIBER OPTIC CABLE	MCB	MAIN CIRCUIT BREAKER	NO	NORMALLY OPEN	SF	SUPPLY FAN	UGS	UNDERGROUND SECONDARY
AC	ABOVE COUNTER (8" ABOVE BACKSPASH)	CB	CIRCUIT BREAKER	EGC	EQUIPMENT GROUNDING CONDUCTOR	G, GND	GROUND	MCM/MCMIL	1,000 CIRCULAR MILS	NU	WEATHERPROOF IN-USE COVER	SIN	SOLID NEUTRAL	UH	UNIT HEATER
AF	AMPERE(S) FUSED	OKT	CIRCUIT	EMER.	EMERGENCY	GEQ	GROUNDING ELECTRODE CONDUCTOR	MECH.	MECHANICAL	OH	OVERHEAD	SPD	SURGE PROTECTIVE DEVICE	UL	UNDERWRITER'S LABORATORY, INC.
AFCI	ARC FAULT CIRCUIT INTERRUPTER	CLG	CLG	EMT	ELECTRICAL METALLIC TUBING	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	MH	MANHOLE	OHE	OVERHEAD ELECTRICAL	STD	STANDARD	UON	UNLESS OTHERWISE NOTED
AFF	ABOVE FINISHED FLOOR	CORR	CORRIDOR	EQ	EQUAL	GRS	GALVANIZED RIGID STEEL	MILO	MAIN LUGS ONLY	OSP	OUTSIDE PLANT	TEL	TELEPHONE	V	VOLTS
AFG	ABOVE FINISHED GRADE	CT	CURRENT TRANSFORMER	EQUIP.	EQUIPMENT	HH	HANDHOLE	MOCP	MAXIMUM OVERCURRENT PROTECTION	UPP	UTILITY POWER POLE	TELECOM	TELECOMMUNICATIONS	VAC	VOLTS ALTERNATING CURRENT
AIC	ABOVE FINISHED GRADE	CTRL	CONTROLLER	EWC	ELECTRIC WATER COOLER	HP	HORSEPOWER	MTD	MOUNTED	PB	PULL BOX	TGB	TELECOMMUNICATIONS GROUND BUS	VDC	VOLTS DIRECT CURRENT
AT	AMP SYMMETRICAL INTERRUPTING CAPACITY RMS	D	TO BE DEMOLISHED	EWH	ELECTRICA WATER HEATER	KAIC	1,000 AMP SYMMETRICAL INTERRUPTING CAPACITY RMS	MTG	MOUNTING	PH	PHASE	TMGB	TELECOMMUNICATIONS MAIN GROUND BUS	VFD	VARIABLE FREQUENCY DRIVE
AWG	AMERICAN WIRE GAUGE	DISC.	DISCONNECT	EXIST.	EXISTING	KWH	1,000 WATT HOURS	NC	NORMALLY CLOSED	PNL	PANEL	TTB	TELECOM TERMINAL BOARD	WH	WATER HEATER
BG	BELOW GRADE	DIST.	DISTRIBUTION	FACP	FIRE ALARM CONTROL PANEL	KVA	1,000 VOLT AMPERES	NEC	NATIONAL ELECTRICAL CODE	PV	PHOTOVOLTAIC	TV	TELEVISION	WP	WEATHERPROOF
BLDG	BUILDING	DWG	DRAWING	FACPRA	FIRE ALARM CONTROL PANEL REMOTE ANNUNCIATOR	LAN	LOCAL AREA NETWORK	NEU	NEUTRAL	PVC	POLYVINYL CHLORIDE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION	XFMR	TRANSFORMER
BKR	BREAKER	E	EXISTING TO REMAIN	FC	FOOTCANDLE	LC	LIGHTING CONTACTOR	NF	NON-FUSED	QTY	QUANTITY	TYP.	TYPICAL		
C	CONDUIT	EC	EMPTY CONDUIT	FCU	FAN COIL UNIT	LTG	LIGHTING	NIC	NOT IN CONTRACT	RCPT	RECEPTACLE	UG	UNDERGROUND		
CAT	CATEGORY	ECB	ENCLOSED CIRCUIT BREAKER	FLA	FULL LOAD AMPERE(S)	MCA	MINIMUM CIRCUIT AMPACITY	NL	NIGHT LIGHT	REQD	REQUIRED	UGP	UNDERGROUND PRIMARY		

ALL SYMBOLS, ABBREVIATIONS, AND NOTES ABOVE ARE TYPICAL AND ARE NOT NECESSARILY USED IN THESE CONSTRUCTION DOCUMENTS

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MARY BIRD PERKINS CANCER CENTER
TENANT BUILDOUT
5215 ESSEN LANE
BATON ROUGE, LOUISIANA 70809



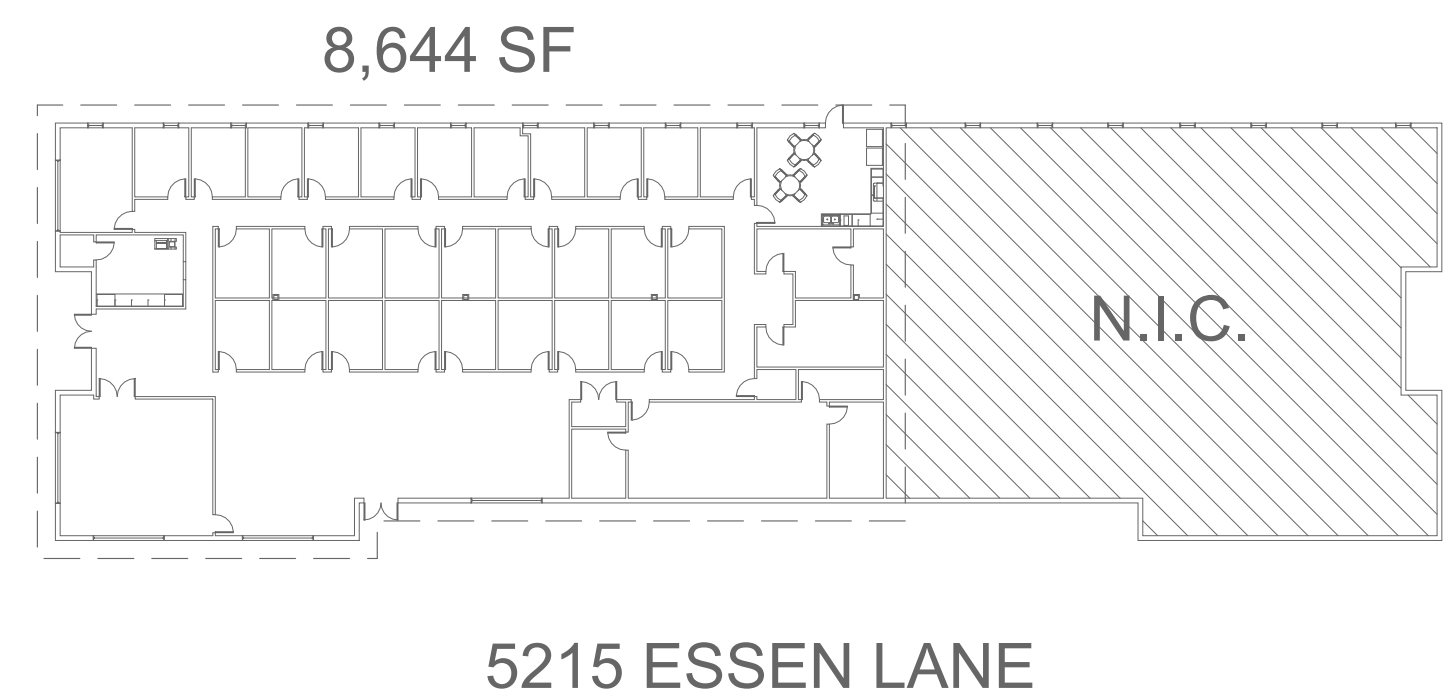
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TLA NO: 22-178	
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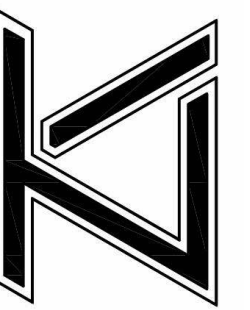


1 DEMOLITION PLAN - ADMIN BLDG
3/16" = 1'-0"

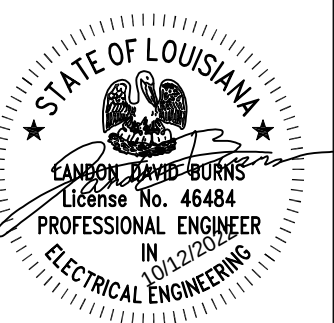


2 KEY PLAN - ADMIN BLDG
NTS

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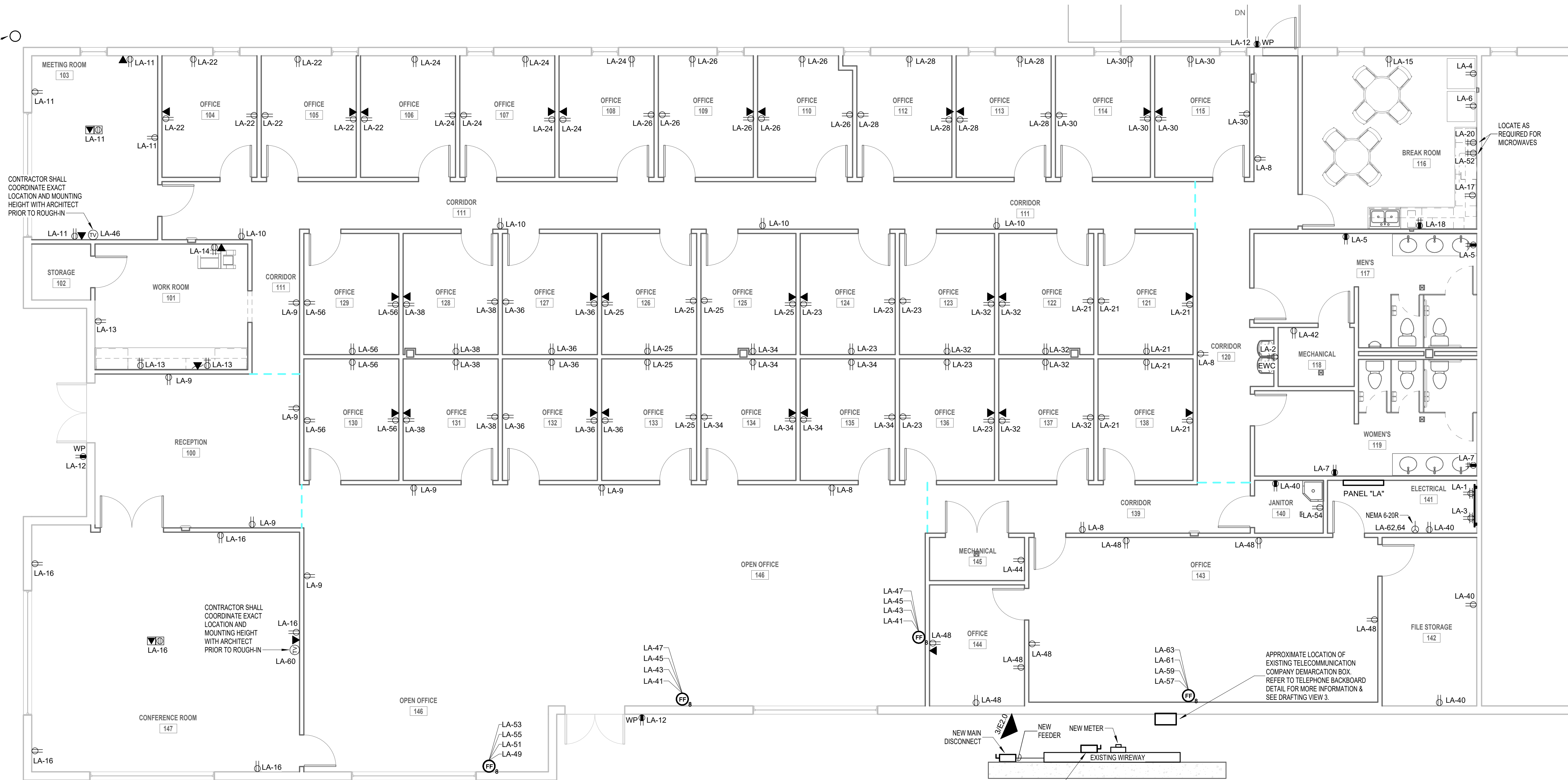
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APPROXIMATE LOCATION OF EXISTING UNDERGROUND CONDUIT STUB-UP ROUTED FROM ADMIN BUILDING TO I.T. BUILDING. EXTEND CONDUIT FROM THIS LOCATION TO ELECTRICAL I.T. ROOM. FIBER SHALL BE PROVIDED BY OWNER.



1 POWER PLAN - ADMIN OFFICE
3/16" = 1'-0"

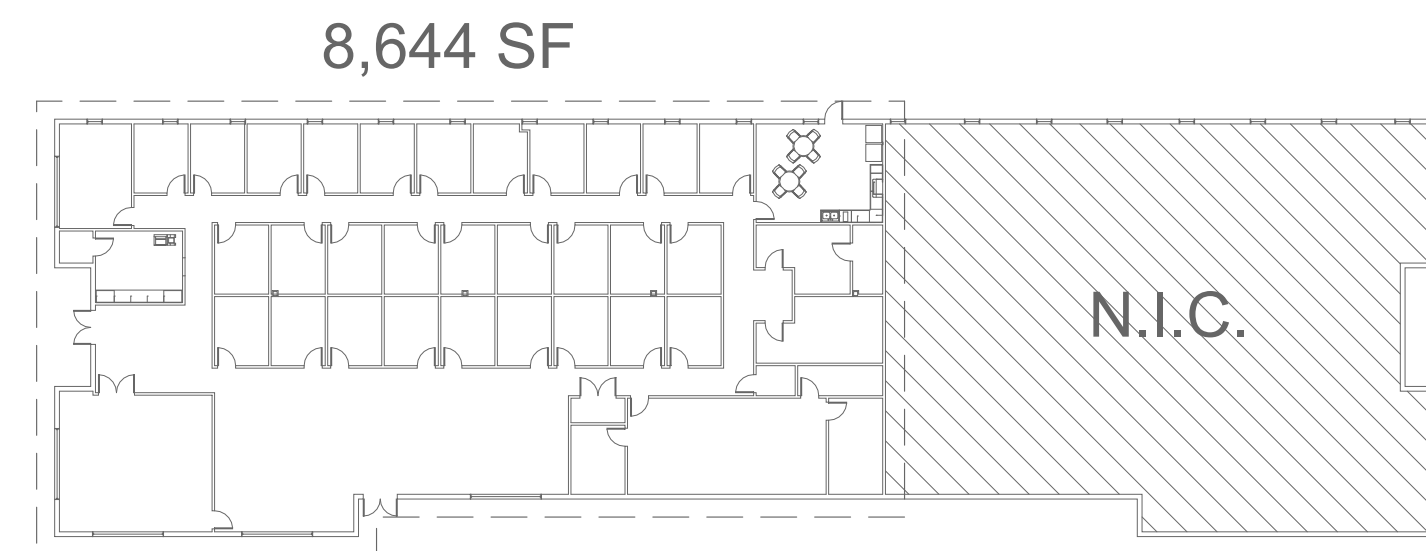


2 SERVICE WALL - ADMIN BLDG
NTS



3 EXISTING SERVICE - ADMIN BLDG
NTS

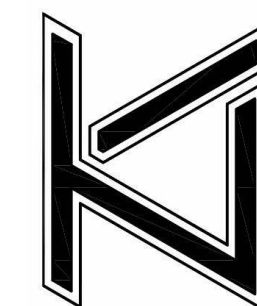
DATA CABLEING BY OWNER
REUSE ROOF PENETRATION FROM EXHAUST FAN
FOR ROUTING OF NEW FIBER TO CONNECT WITH
ADMIN BUILDING VIA EXISTING UNDERGROUND CONDUIT



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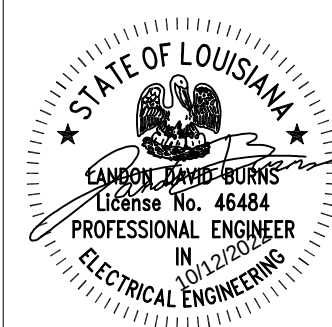
4 KEY PLAN - ADMIN BLDG
NTS

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MARY BIRD PERKINS CANCER CENTER
TENANT BUILDOUT

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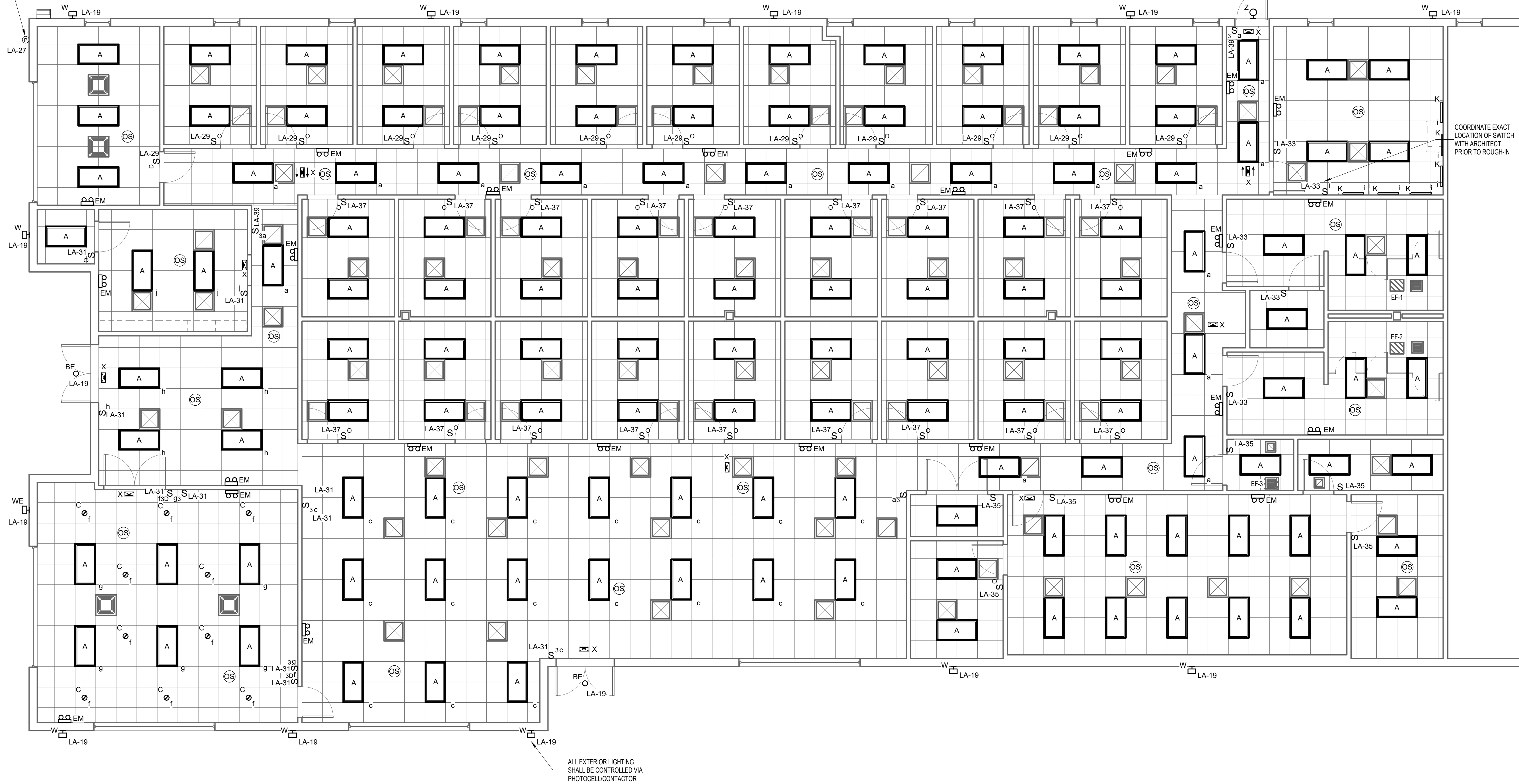
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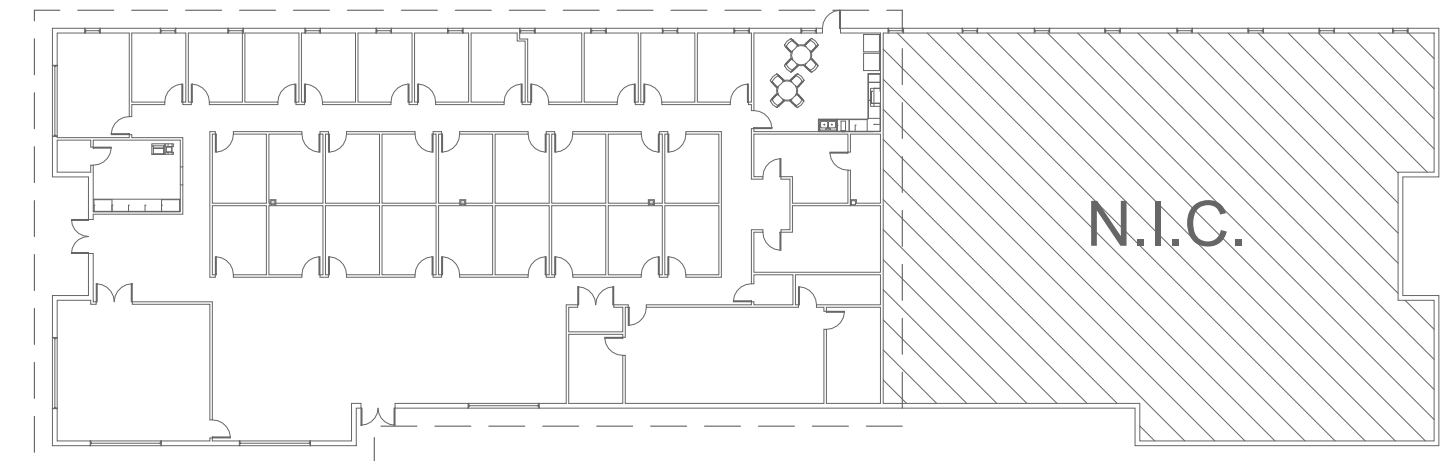
ALL EXTERIOR
LIGHTING SHALL BE
CONTROLLED VIA
PHOTOCELL



COORDINATE EXACT
LOCATION OF SWITCH
WITH ARCHITECT
PRIOR TO ROUGH-IN

1 LIGHTING PLAN - ADMIN OFFICE
3/16" = 1'-0"

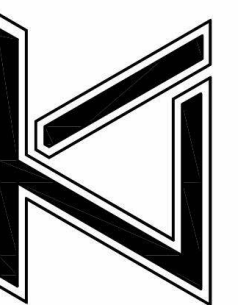
8,644 SF



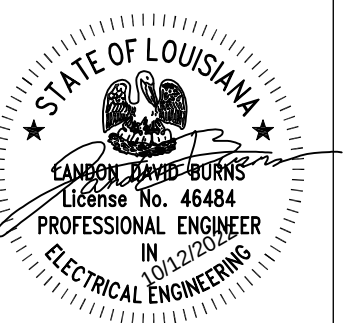
5215 ESSEN LANE

2 KEY PLAN - ADMIN BLDG.
NTS

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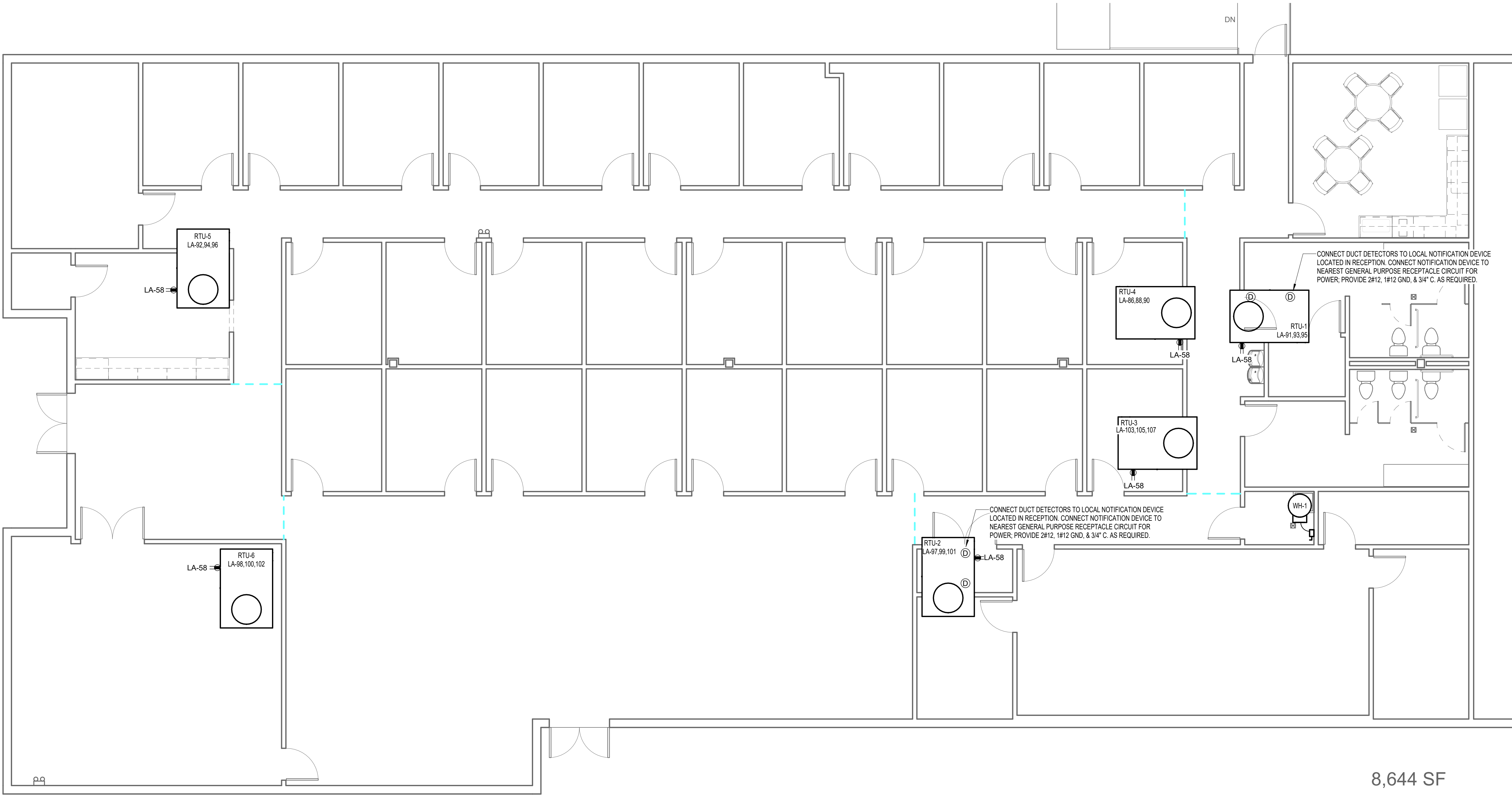
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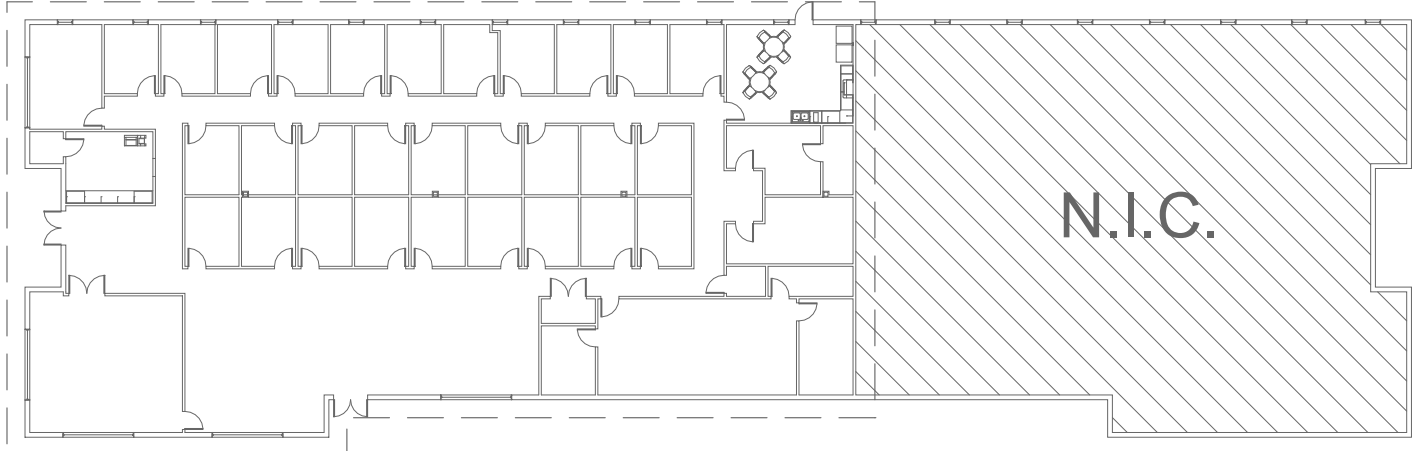
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MECHANICAL CONNECTION SCHEDULE			
MARK	SUPPLY FROM	CIRCUIT	REMARKS
EF-1	LA	33	A.
EF-2	LA	33	A.
EF-3	LA	35	A.
WH-1	LA	87,89	B.
RTU-4	LA	86,88,90	C.
RTU-3	LA	103,105,107	C.
RTU-1	LA	91,93,95	C.
RTU-2	LA	97,99,101	C.
RTU-6	LA	98,100,102	C.
RTU-5	LA	92,94,96	C.

MECHANICAL EQUIPMENT SCHEDULE REMARKS KEY:	
A.	INTERLOCK FAN WITH LIGHTING CIRCUIT FOR POWER AND CONTROL.
B.	PROVIDE 60A/2P/NF/N1 DISCONNECT.
C.	PROVIDED WITH INTEGRAL DISCONNECT SWITCH
ELECTRICAL GENERAL NOTES:	
1.	ALL RECEPTACLES ATTACHED TO ROOFTOP UNITS ARE FURNISHED BY DIVISION 23 AND INSTALLED AND CONNECTED BY DIVISION 26.



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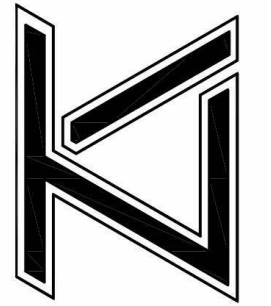
5215 ESSEN LANE



1 | ELECTRICAL CONNECTIONS PLAN - ADMIN
3/16" = 1'-0"

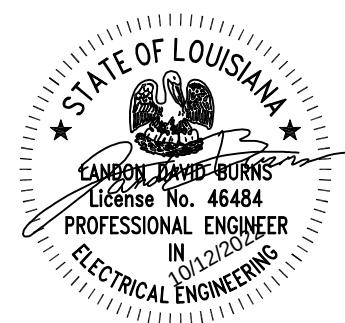
2 | KEY PLAN - ADMIN BLDG.
INTS

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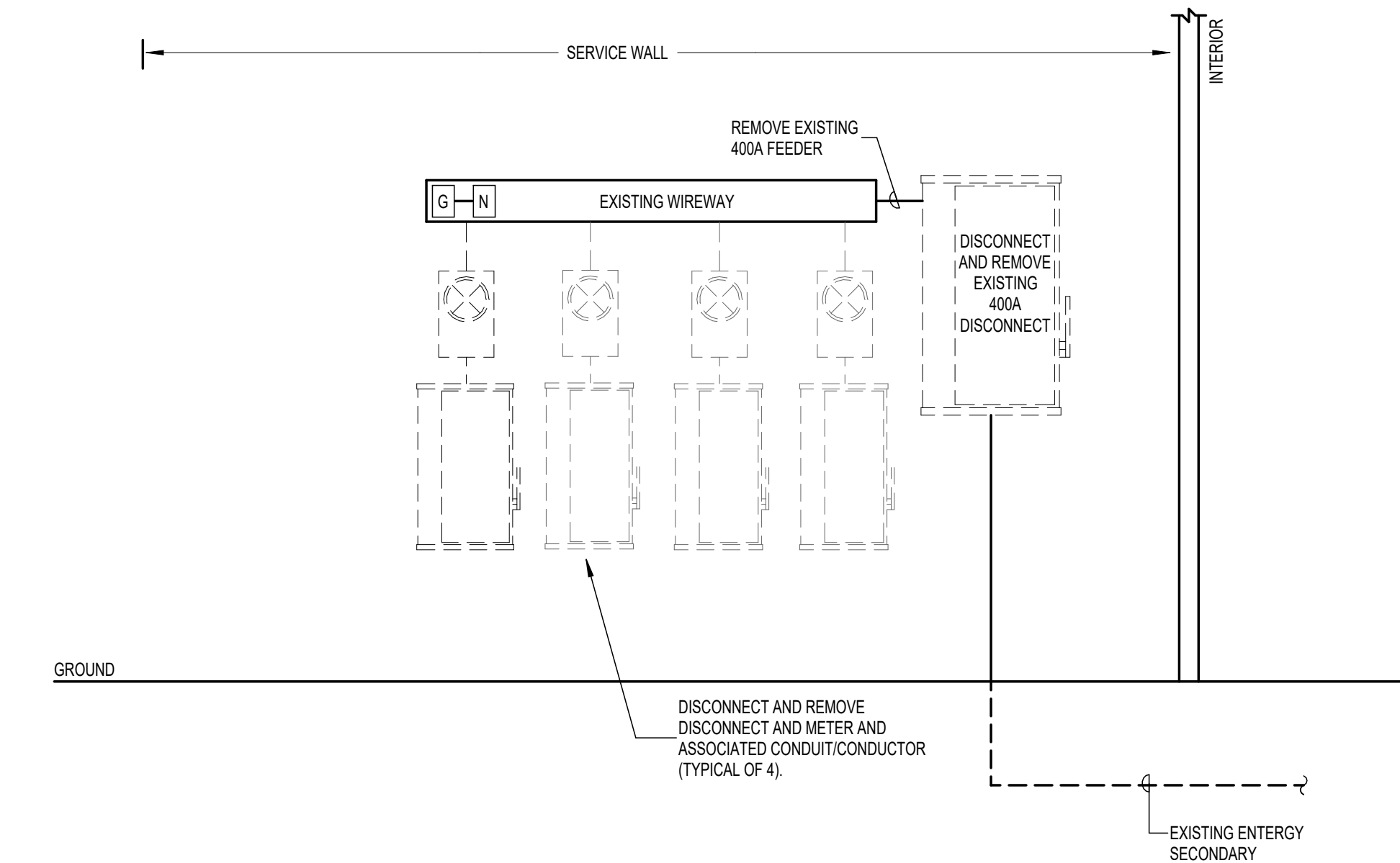
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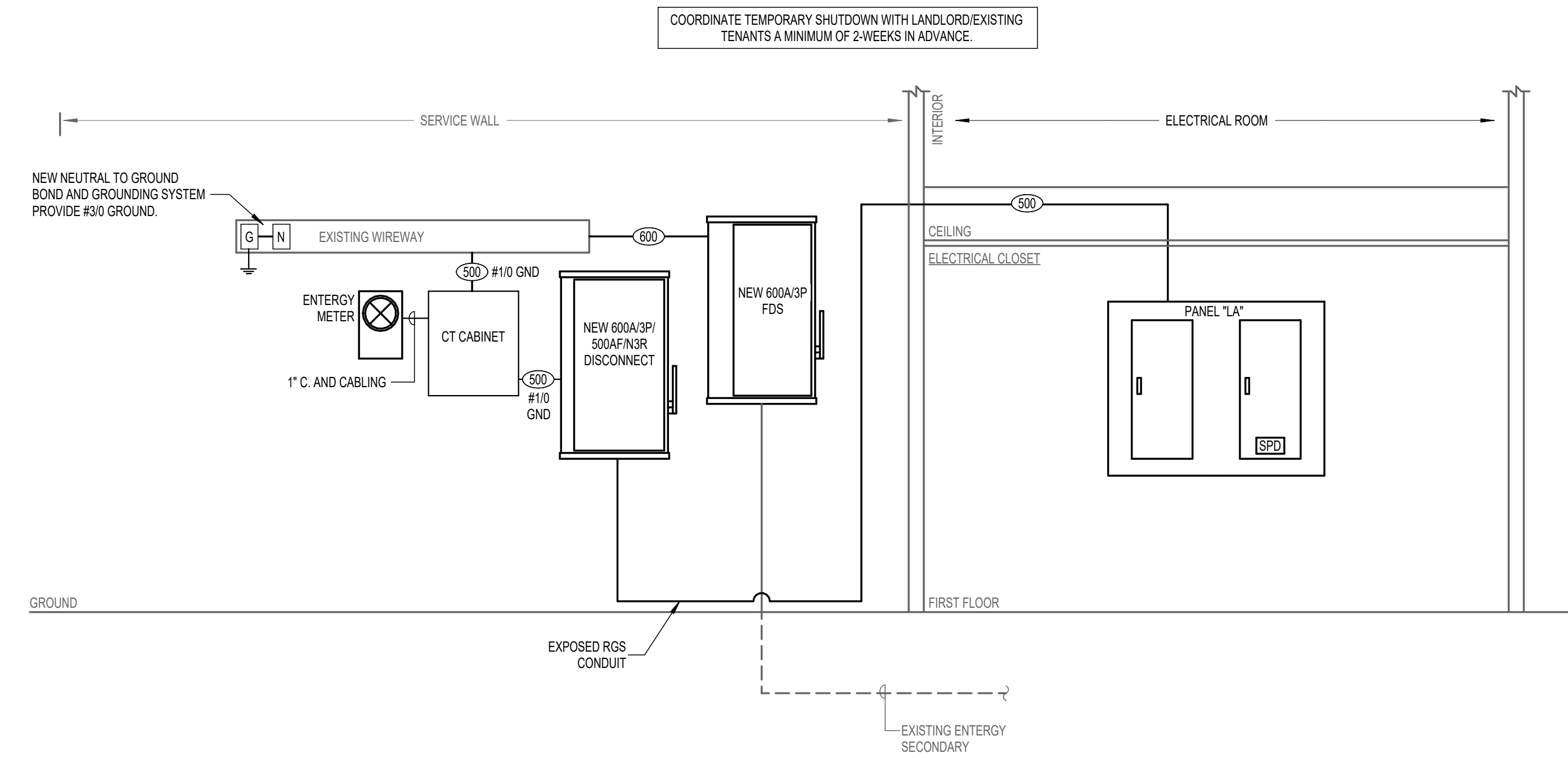
LIGHTING FIXTURE SCHEDULE - ADMIN

NOTES:
 ** FINISH TO BE SELECTED BY ARCHITECT
 *COUNT PROVIDED FOR REFERENCE ONLY; CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT QUANTITY OF FIXTURES.

MARK	DESCRIPTION	LAMPS	VOLTS	LOAD	TEMP.	LUMENS	MOUNTING	MANUFACTURER	CATALOG NO.
A	CPANL 2'X4' SWITCHABLE LUMEN LED FLAT PANEL	LED	UNV	55 VA	3,500	4,000	GRID	LITHONIA LIGHTING	CPANL 2X4 AL06 SWW7
BE	6" LED DOWNLIGHT WITH INTERGRAL BATTERY BACKUP	LED	UNV	20 VA	4,000	1,500	RECESSED	LITHONIA LIGHTING	LDN6-40K-15-LO6-LSS-MVOLT-E10WCP
C	6" LED DOWNLIGHT	LED	UNV	15 VA	3,500	1,000	RECESSED	LITHONIA LIGHTING	LDN6-AL02-35K-LO6-**-LSS-MVOLT-UGZ
EM	EMERGENCY LIGHTING UNIT EQUIPMENT WITH TWO ADJUSTABLE LED HEADS. INTEGRAL BATTERY WITH SELF-DIAGNOSTICS.	LED	UNV	2 VA	N/A	N/A	CEILING/WALL	LITHONIA LIGHTING	ELM6L
K	2' LED UNDERCABINET LIGHT. PROVIDE ALL ACCESSORIES AS REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM.	LED	UNV	20 VA	3,000	958	MOUNTED	LITHONIA LIGHTING	RAZ-24IN-30K-90CRI-**-
W	ARCHITECTRUAL LED WALL PACK	LED	UNV	47 VA	4,000	6,000	WALL	LITHONIA LIGHTING	WPX2-30K-MVOLT-**-**-
WE	ARCHITECTRUAL LED WALL PACK WITH INTEGRAL BATTERY BACK UP	LED	UNV	47 VA	4,000	6,000	WALL	LITHONIA LIGHTING	WPX2-30K-MVOLT-E4WH-**-
X	EDGE LIT EXIT SIGN WITH RED LETTERS. PROVIDE WITH NUMBER OF FACES AND DIRECTIONAL ARROWS AS INDICATED.	LED	UNV	2 VA	N/A	N/A	CEILING/WALL	LITHONIA LIGHTING	EDG
Z	WET LOCATION LED EMERGENCY UNIT EQUIPMENT WITH INTEGRAL BATTERY BACKUP	LED	UNV	0 VA	N/A	N/A	WALL	LITHONIA LIGHTING	AFF-OEL-**-UVOLT-LTP-SDRT-WT



2 ADMIN BLDG - DEMO RISER DIAGRAM - 208V/3PH N.T.S.



1 ADMIN BLDG - POWER RISER DIAGRAM - 208V/3PH N.T.S.

Branch Panel: LA

Location: ELECTRICAL 141	Volts: 120/208 Wye	A.I.C. Rating: 22,000
Supply From:	Phases: 3	Mains Rating: 600 A
Mounting: SURFACE	Wires: 4	MLO Rating: 600 A
Enclosure: NEMA-1		
Number of Sections: 2		

Panel Schedule Notes:
(G) INDICATES GFCI BREAKER | FF - INDICATES FURNITURE FEED. PROVIDE MULTI POLE BREAKER OR TIE AS REQUIRED FOR SIMULATENOUS TRIP.

CKT	TRIP	POLES	WIRE	GND	CONDUIT	Circuit Description	A	B	C	Circuit Description	CONDUIT	GND	WIRE	POLES	TRIP	CKT
1	20 A	1	2#12	#12	3/4"	TTB	0.4 kVA	0.5 kVA		(G) EWC	3/4"	#12	2#12	1	20 A	2
3	20 A	1	2#12	#12	3/4"	TTB			0.4 kVA	1.2 kVA						4
5	20 A	1	2#12	#12	3/4"	MENS RECEPT.			0.4 kVA	1.2 kVA						6
7	20 A	1	2#12	#12	3/4"	WOMENS RECEPT.	0.4 kVA	0.7 kVA								8
9	20 A	1	2#12	#12	3/4"	CORRIDOR RECEPT.			1.3 kVA	0.7 kVA						10
11	20 A	1	2#12	#12	3/4"	MEETING RM RECEPT.			0.9 kVA	0.5 kVA						12
13	20 A	1	2#12	#12	3/4"	WORK ROOM RECEPT.	0.5 kVA	1.6 kVA								14
15	20 A	1	2#12	#12	3/4"	BREAK RM RECEPT.			0.2 kVA	1.1 kVA						16
17	20 A	1	2#12	#12	3/4"	BREAK RM RECEPT.			0.2 kVA	0.2 kVA						18
19	20 A	1	2#12	#12	3/4"	EXTERIOR LIGHTS	0.6 kVA	1.8 kVA								20
21	20 A	1	2#12	#12	3/4"	OFFICE 121 RECEPT.			1.3 kVA	1.3 kVA						22
23	20 A	1	2#12	#12	3/4"	OFFICE 123 RECEPT.					1.3 kVA	1.3 kVA				24
25	20 A	1	2#12	#12	3/4"	OFFICE 125 RECEPT.	1.3 kVA	1.3 kVA								26
27	20 A	1	2#12	#12	3/4"	PHOTOCCELL			0.5 kVA	1.1 kVA						28
29	20 A	1	2#12	#12	3/4"	LIGHTING			1.4 kVA	1.1 kVA						30
31	20 A	1	2#12	#12	3/4"	LIGHTING	1.8 kVA	1.3 kVA								32
33	20 A	1	2#12	#12	3/4"	LIGHTING			0.8 kVA	1.3 kVA						34
35	20 A	1	2#12	#12	3/4"	LIGHTING			1.1 kVA	1.3 kVA						36
37	20 A	1	2#12	#12	3/4"	LIGHTING	2.0 kVA	1.1 kVA								38
39	20 A	1	2#12	#12	3/4"	CORRIDOR LIGHTING			1.0 kVA	0.7 kVA						40
41	20 A	1	2#12	#12	3/4"	FF RECEPT			1.1 kVA	0.2 kVA						42
43	20 A	1	2#12	#12	3/4"	FF RECEPT	1.1 kVA	0.2 kVA								44
45	20 A	1	2#12	#12	3/4"	FF RECEPT			1.1 kVA	0.5 kVA						46
47	20 A	1	2#12	#12	3/4"	FF RECEPT					1.1 kVA	1.3 kVA				48
49	20 A	1	2#12	#12	3/4"	FF RECEPT.	0.5 kVA	0.2 kVA								50
51	20 A	1	2#12	#12	3/4"	FF RECEPT.			0.5 kVA	0.2 kVA						52
53	20 A	1	2#12	#12	3/4"	FF RECEPT.			0.5 kVA	0.4 kVA						54
55	20 A	1	2#12	#12	3/4"	FF RECEPT.	0.5 kVA	1.1 kVA								56
57	20 A	1	2#12	#12	3/4"	FF RECEPT			0.5 kVA	1.1 kVA						58
59	20 A	1	2#12	#12	3/4"	FF RECEPT.			0.5 kVA	0.5 kVA						60
61	20 A	1	2#12	#12	3/4"	FF RECEPT.	0.5 kVA	1.5 kVA								62
63	20 A	1	2#12	#12	3/4"	FF RECEPT.			0.5 kVA	1.5 kVA						64
65	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						66
67	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA								68
69	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						70
71	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						72
73	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA								74
75	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						76
77	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						78
79	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA								80
81	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						82
83	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						84
85	20 A	1	--	--	--	SPARE	0.0 kVA	4.7 kVA								86
87	60 A	2	3#6	#10	1"	WH-1			0.6 kVA	4.7 kVA						88
89	--	--	--	--	--	--			0.6 kVA	4.7 kVA						90
91	80 A	3	4#4	#8	1-1/4"	RTU-1	9.4 kVA	4.7 kVA								92
93	--	--	--	--	--	--			9.4 kVA	4.7 kVA						94
95	--	--	--	--	--	--					9.4 kVA	4.7 kVA				96
97	80 A	3	4#4	#8	1-1/4"	RTU-2	9.4 kVA	4.7 kVA								98
99	--	--	--	--	--	--			9.4 kVA	4.7 kVA						100
101	--	--	--	--	--	--			9.4 kVA	4.7 kVA						102
103	40 A	3	4#8	#10	3/4"	RTU-3	4.8 kVA	0.0 kVA								104
105	--	--	--	--	--	--			4.8 kVA	0.0 kVA						106
107	--	--	--	--	--	--			4.8 kVA	0.0 kVA						108
							58297 VA	56802 VA	54392 VA							
							489 A	476 A	453 A							

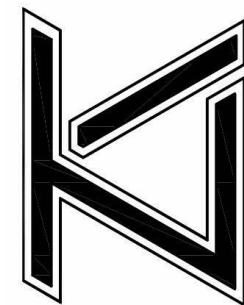
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	7370 VA	100.00%	7370 VA	
Receptacle	34900 VA	64.33%	22450 VA	Total Conn. Load: 169491 VA
Lighting	8336 VA	125.00%	10421 VA	Total Est. Demand: 159124 VA
Miscellaneous	5900 VA	100.00%	5900 VA	Total Conn.: 470 A
Receptacles	360 VA	100.00%	360 VA	Total Est. Demand: 442 A
HVAC	112626 VA	100.00%	112626 VA	

Load Summary Notes:

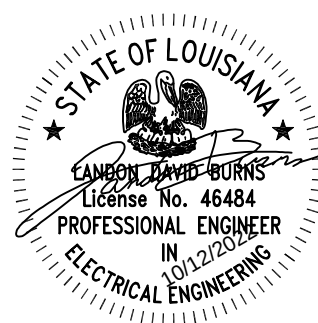
4-WIRE FEEDER SCHEDULE				
STD. FUSE OR BKR TRIP SIZE	# OF SETS	WIRE QUANTITY AND SIZE	CONDUIT SIZE (MINIMUM)	
30	1	4#10 THWN, 1#10 GND	3/4"	
60	1	4#6 THWN, 1#6 GND	1-1/4"	
100	1	4#3 THWN, 1#6 GND	1-1/4"	
125	1	4#1 THWN, 1#6 GND	1-1/2"	
150	1	4#1/0 THWN, 1#6 GND	2"	
200	1	4#3/0 THWN, 1#4 GND	2"	
400	2	4#3/0 THWN, 1#1/0 GND	2-1/2"	
500	2	4#250 THWN MCM, 1#2 GND	2-1/2"	
600	2	4#350 THWN MCM, 1#3/0 GND	3"	
800	3	4#300 THWN MCM, 1#3/0 GND	3"	

NOTES:
 1. ALL FEEDER SIZES LISTED MAY NOT BE SHOWN IN POWER RISER DIAGRAM.
 2. ELECTRICAL CONTRACTOR TO VERIFY SIZE REQUIRED IF WIRE TYPES OTHER THAN THOSE LISTED ABOVE ARE USED.
 3. REFER TO THE 2014 EDITION OF THE NEC FOR CONDUIT TYPES REQUIRED PER THEIR TABLES.
 4. ALL CONDUCTORS TO BE COPPER.
 5. "VD" INDICATES WIRE UPSIZED FOR VOLTAGE DROP.
 6. WHERE A GROUND IS SHOWN ADJACENT TO A FEEDER SYMBOL PROVIDE GROUND WIRE AS SHOWN IN LIEU OF SIZE SHOWN IN SCHEDULE.

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MARY BIRD PERKINS CANCER CENTER
 TENANT BUILDOUT
 521.5 ESSEN LANE
 BATON ROUGE, LOUISIANA 70809



Revision	Date
DATE: 09/28/2022	
TLA NO: 22-178	
DRAWN: CD	
CHECKED: LB	

SHEET NO:

E3.0

PART 1.0 GENERAL
1.1 GENERAL CONDITIONS
A. The General Conditions and Supplementary General Conditions are a part of this section of these Specifications. The Contractor is cautioned to read and be thoroughly familiar with all provisions of the General Conditions. These conditions shall be complied with in every aspect. The word "shall" where used, is to be understood, as mandatory and the word "should" as advisory. "May" is used in the permissive sense.

1.2 MINIMUM STANDARDS
A. Applicable rules of the National Electrical Code apply as a minimum standard for this contract, but do not replace or reduce any specific requirement herein.

1.3 LAWS, PERMITS AND FEES
A. The entire electrical work shall comply with the rules and regulations of the State, including the State Fire Marshal and State Board of Health, whether so shown on plans or not.

PART 2.0 PRODUCTS
2.1 RACEWAYS AND FITTINGS
A. Raceways permitted on this project shall be hot dipped galvanized rigid steel conduit, electrical metallic tubing (EMT), flexible metallic tubing; and liquid-tight flexible metal conduit. All conduits shall be new and shall bear the inspection label of the Underwriter's Laboratories, Inc. Metallic conduit shall be metalized. Non-metallic conduit shall be schedule 40 PVC.

B. Fittings for conduit shall be an approved type specially designed and manufactured for their purpose. EMT fittings shall be water tight, compression type. Setscrew connector fittings shall not be permitted.

C. Galvanized conduit furnished in accordance with these specifications shall be of mild steel piping, galvanized inside and outside, and shall conform in all respects to the American Standard Association rigid Steel Conduit Specification C80.1-1959 and Underwriter's Laboratories Specifications.

2.2 OUTLET AND SWITCH BOXES
A. Outlet boxes in concealed conduit systems shall be flush mounted. Boxes shall be galvanized steel of sufficient size to accommodate devices shown and shall have raised covers where required to meet requirements of NEC Article 314. All boxes shall be stamped, one piece, galvanized steel, of proper size and shape for conduits entering them, and shall be UL listed and NEC approved for the intended use.

B. Boxes for lighting fixtures shall be 4 inches octagon, not less than 1-1/2 inches deep, with fixtures stud fastened through from back box. Outlet boxes for switches in concealed work shall be standard switch boxes of required number of gangs. Outlet boxes for receptacles, telephone, and communication use in concealed work shall be 4 inch square, not less than 1-1/2 inches deep.

C. Boxes are not to be installed back to back in walls. Do not use long, extended boxes that would effectively couple light and sound between adjoining spaces.

2.3 WIRE (600 VOLT AND BELOW)
A. All conductors used in the work shall be of soft drawn annealed copper having a conductivity of not less than 98% of that of pure copper. Conductors shall be standard code gauge in size, insulated and shall have insulation rated for use at 600 volts. Unless noted otherwise or specified, insulation shall be type MC, THW, THHN, or THHN for sizes up to and including No. 2 AWG. Insulation for wire sizes larger than No. 2 AWG shall be type THW, XHHW, or THHN. Lighting fixture wire shall be heat resistant type TF (150oC) with 300-volt insulation minimum. Wires shall be of the single conductor type. Sizes No. 8 AWG and larger shall be stranded. Sizes No. 12 thru No. 14 shall be single strand solid copper.

B. Throughout the system, all conductors shall be identified as to the phase and voltage of the system by color-coding in accordance with NEC 210.5. Color-coding shall be continuous the full length of the wire with surface printing at regular intervals on all conductors and for neutral conductors.

2.4 CIRCUIT BREAKER PANELBOARDS
A. Panelboards shall be sized as shown on the drawings and schedules, and shall be the bolted breaker panelboard type. All panelboard bussing shall be copper. Load centers are not acceptable.

B. Panel board shall be dead front safety type with main breaker or main lugs, as required by code. Panel boards shall have single feed through, or double lugs to accommodate feeder conductors. Panel boards with neutrals shall have a neutral buss and a neutral bar insulated from the enclosure for terminating feeder and branch circuit neutral conductors. Each panel board shall have an equipment grounding bar connected to the cabinet for terminating feeder and branch circuit ground conductors.

C. All breakers shall be bolt on type. Panelboards for 120/208 volt service shall be GE type NLAB, Square D type NQ00, Siemens type CDP, 7, Cutler-Hammer POW-R-LINE series, or equal. Panelboards for 480/277 volt service shall be Square D type NEHB, Siemens type Sentron, Cutler-Hammer POW-R-LINE series, or equal.

2.5 WIRING DEVICES
A. Unless otherwise specified, all outlets including voice/data outlets shall be fitted with cover plates. Cover plates shall be standard size, uniform in design and finish for switches, receptacles and other outlets requiring cover plates.

B. Wiring devices shall be as listed. The color of device shall match color of outlet cover plate. It shall be the responsibility of the Contractor to provide plugs, receptacles, and fittings required for any equipment furnished or installed or connected under the contract. Color as selected by the Architect.

Leviton	P&S	Hubbell
Toggle Switches: 20A 120/277V		
Single pole	1221-1	20AC1-1 1221-1
Three-way	1223-1	20AC3-1 1223-1
Duplex Receptacle: 20A, 125V, NEMA 5-20R	5362-1	5362-1 5363-1

Ground Fault Circuit Interrupter: 20A, 125V, Feed Through, NEMA 5-20R	6899-1	2091-S GF-5362-1
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C. Quad receptacles shall be 20 amp, 125 volt rated, NEMA 5-20R, with two (2) duplex receptacles or single four-plex device.

2.6 VOICE & DATA STATION CABLES
A. Voice and data station wiring shall be Category 6 enhanced (Cat 6e) communications wire and cable. Station Cable shall be four-pair, unshielded, twisted pair, inside-station cable, and shall be constructed of solid 24 gauge annealed copper. Each conductor shall be insulated with a continuous layer of fluorinated ethylene propylene (FEP). The sheath shall be all weather, flame-resistant, polyvinyl chloride. Station wire shall be constructed of 4 twisted pair sharing one sheath. Cable shall have Category 6e transmission characteristics as specified by ANSI/EIA/TIA-568-B2.1. Cables routed in air plenum shall have a sheath and conductor insulation constructed of material so as to be classified as type CMP as defined by the NEC 800-3(b)(3). Voice cable shall be GRAY. Data station cables shall be BLUE.

2.7 LED LIGHTING
A. Lighting fixtures with LED light sources shall meet the following fixture and light source requirements:
1. LED Color Temperature - Cool White (CW), 5800K nom., CRI > 70
2. Line Voltage - Universal Voltage 120-277 volts
3. Governmental Standards - LM79 and LM80 Compliant
4. Expected Lamp Life - LED Life Rating (L70 B10) to be 60,000 hours to 100,000 hours; Defined as time of operation (in hours) to 30% lumen depreciation (i.e. 70% lumen maintenance), derived from Luminaire in-situ temperature measurement testing (i.e. LED chip package temperature (TS) measurement obtained with the LED chip package operating in given luminaire and in a given stabilized ambient environment) under UL1598 environments and directly correlated to LED package manufacturers' IESNA LM-80-08 data. Predicted (L70 B10) Limits (@ 25°C luminaire ambient operating environment): Greater than 60,000 hours @ 350mA Drive Current
5. Driver - Components must be fully encased in potting material for moisture resistance, and must comply with IEC and FCC standards
6. Surge Protection - Surge protection must be provided including separate surge protection built into electronic driver
7. Mechanical - Luminaire LED system components to be low copper aluminum, with high performance heat sink(s) designed specifically for LED luminaires. No active cooling features (Fans, etc.). Luminaire configuration must allow for modular upgradability and/or field repair of all electrical components (i.e. LED modules, Driver(s), etc.). Drivers and vertical light bars must be all mounted to a twist-lock tool-less assembly for ease of installation and trouble-shooting.
8. Drivers shall be provided with a minimum warranty of 5 years.

2.8 OCCUPANCY SENSORS
A. Sensor shall be a self-contained dual voltage ceiling mounted device capable of directly switching loads upon detection of human activity. Sensor must be circular, and mount to either a single gang enclosure, or surface mount to a round pancake box.
B. Sensor must be rated for 120 through 277 VAC and be capable of switching zero to 1200 watts of electronic ballast loads. Sensors must be capable of parallel wiring for multi-sensor applications.

PART 3.0 EXECUTION
3.1 WIRING - GENERAL
A. Unless otherwise specified, all wiring shall be installed in conduit. No wire shall be smaller than No. 12 unless noted otherwise. Wire for each branch circuit shall be of single size and type from the branch circuit protective device the last outlet of the circuit. BX wiring shall not be allowed.

3.2 CONDUIT - MATERIALS AND METHODS
A. Conduit shall be installed as per NEC and NEMA regulations and the manufacturer's recommendations. Electrical Metallic Tubing shall be used for feeders, branch circuit and communications and control wiring. In places where EMT is permitted, 1/2" through 2" sizes shall be the only sizes permitted. Fittings for EMT shall be the compression ring type fittings. Communications wiring may be installed without conduits above accessible ceilings.

3.3 MOUNTING HEIGHTS
A. Unless otherwise noted on the drawings or required by the Architect, the following mounting heights shall apply: Toggle Switches - 4'-0"; Receptacles - 1'-6"; Communication Outlets - 1'-6" (48" for wall phone).

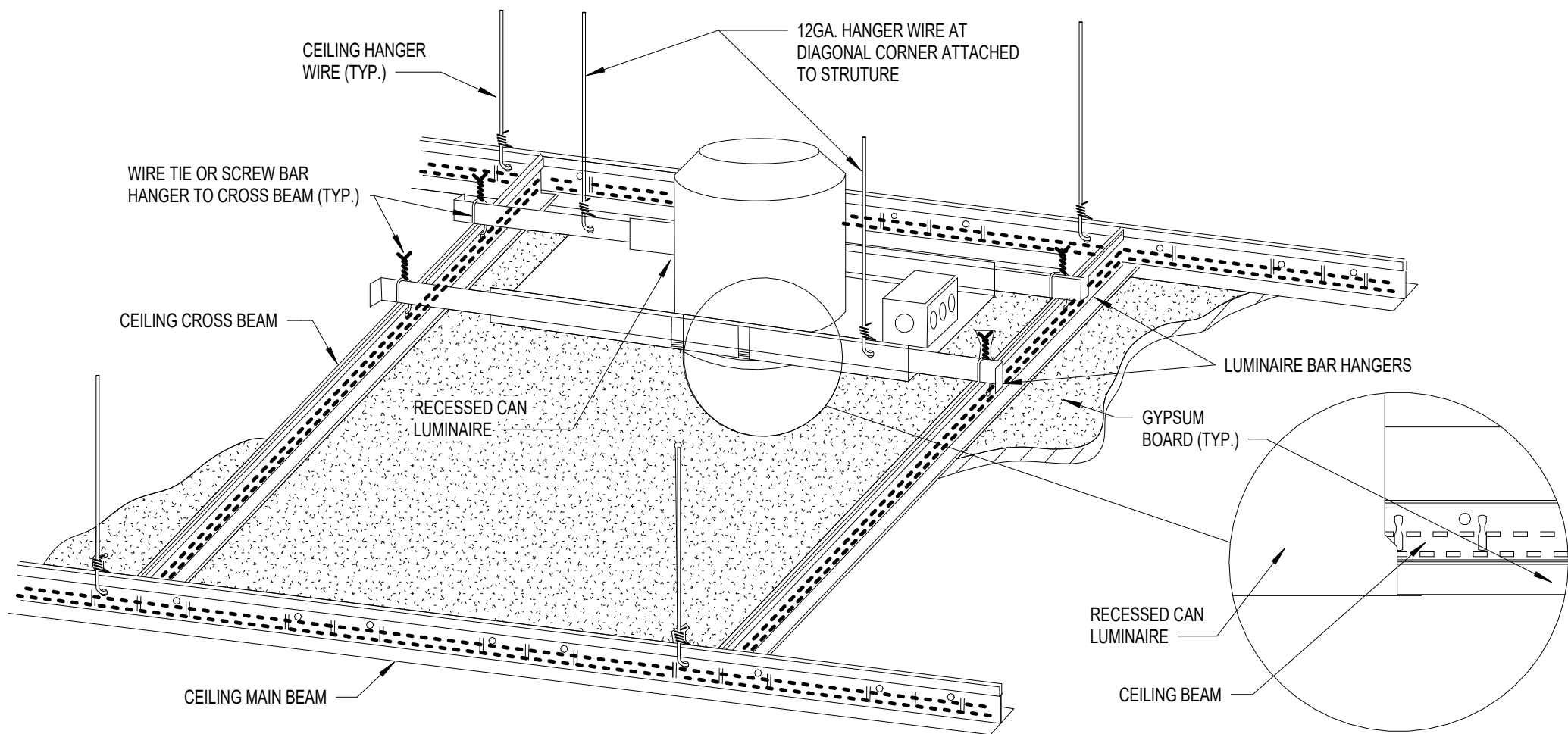
3.4 COMMUNICATIONS WIRING INSTALLATION
A. Unless otherwise specified, all communications systems shall be permanently installed and connected to the wiring system. The systems must be installed according to manufacturer standards and recommendations. Wiring installation shall be tested after completion of installation. Test results and as-built documents will be provided to architect in both hard copy and electronic copy, furnished on a CD.

B. Wiring maps/built documents showing voice and data outlets, device numbers, room locations, and termination locations will be displayed in each wiring closet.
C. Wireless drop wiring shall be punched down on a separate punch down block at the end of the data punch down blocks. The wireless punch down block shall be a different color.

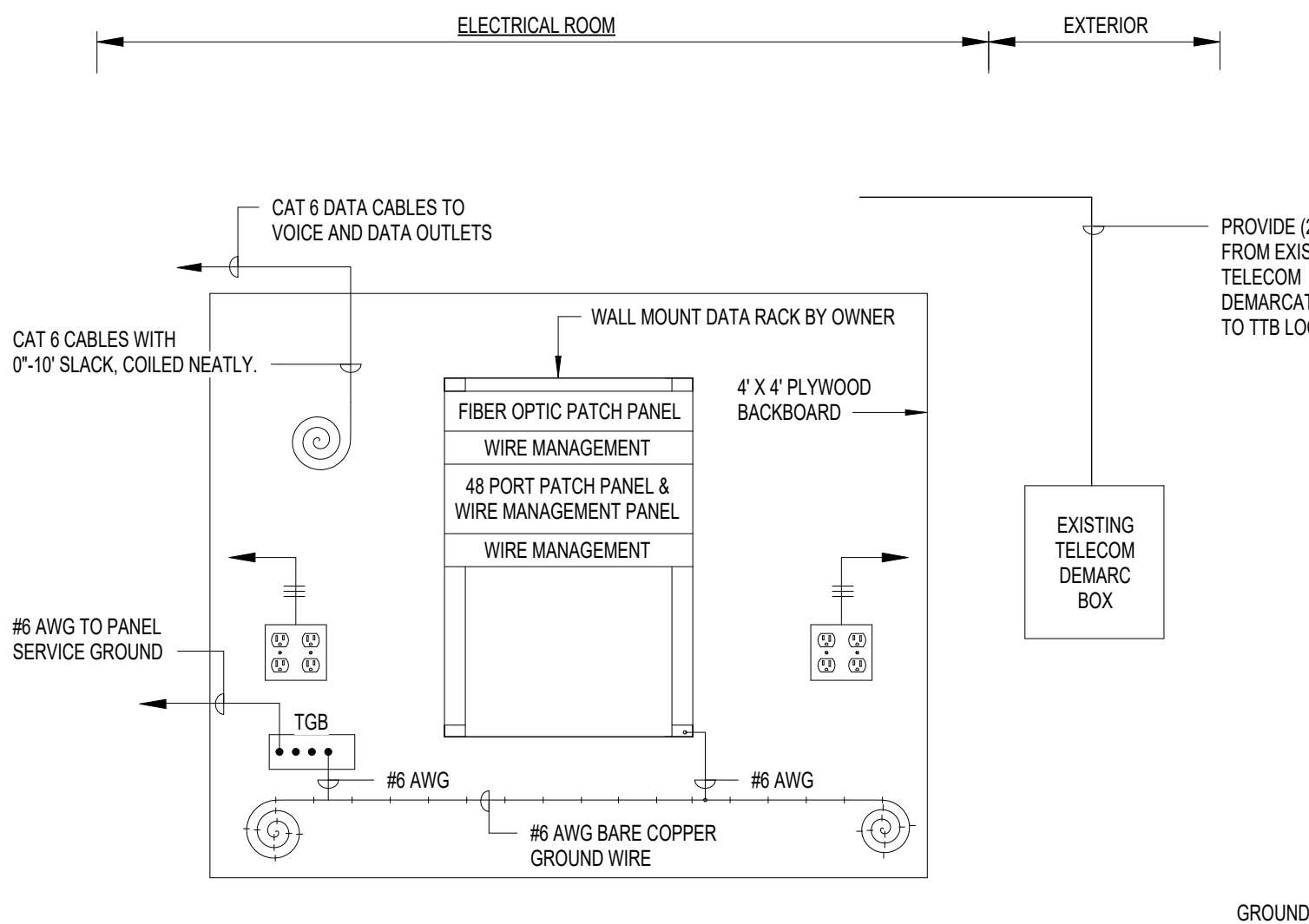
D. Voice and data wiring routed above accessible ceilings shall be supported on J-hooks, and shall be loose bunched using Velcro wraps. Voice and data wire bundles shall not include power wiring or wiring for other low voltage systems (fire alarm, intercom, security, CCTV, etc.).

E. COMMUNICATIONS SYSTEM CABLES ROUTED EXPOSED ABOVE CEILINGS SHALL BE PLENUM RATED.

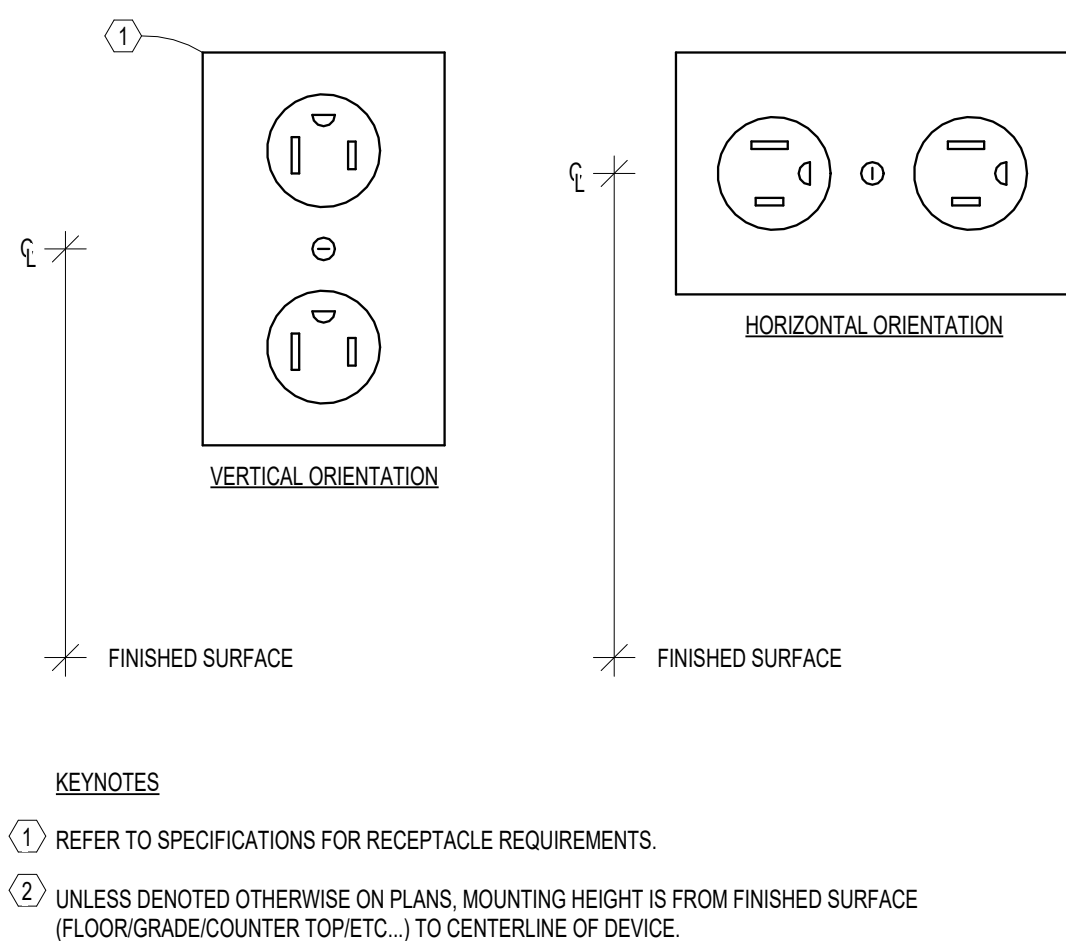
3.5 LIGHTING INSTALLATION
A. Unless otherwise specified, lighting fixtures shall be permanently installed and connected to the wiring system. The Contractor shall support each fixture independently from the building structure. Ceiling framing members shall not be used to support fixtures except in specified areas where ceiling supports for this purpose have been specified elsewhere in these specifications. Each fixture shall have at least two fixture supports. Flexible conduit used for fixture whips shall be at least twelve (12) inches, but not more than 48 inches long.



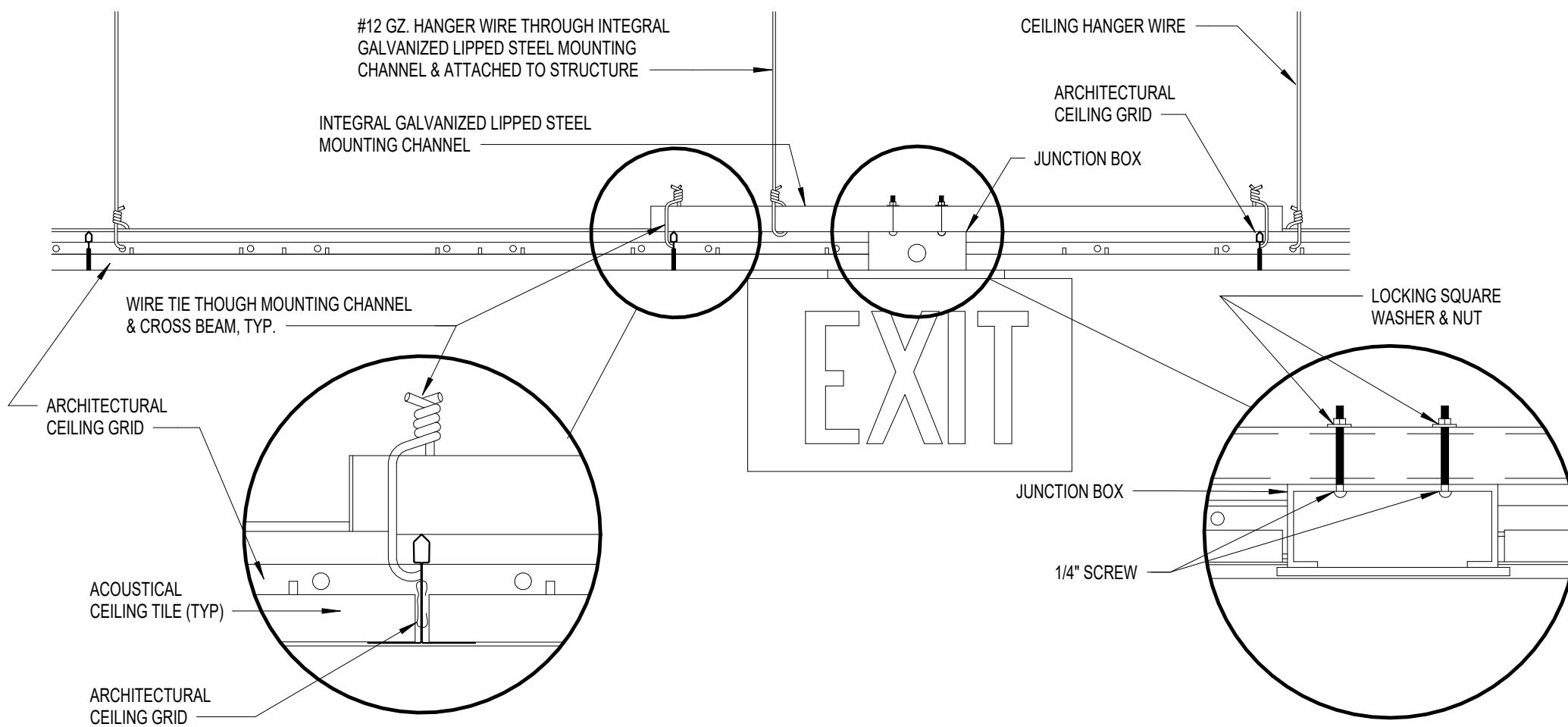
2 | DETAIL - DOWNLIGHT MOUNTING
NTS



3 | DETAIL - TELEPHONE BACKBOARD
NTS

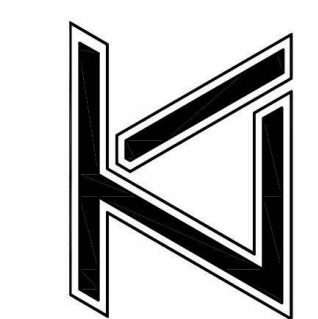


4 | DETAIL - RECEPTACLE
NTS

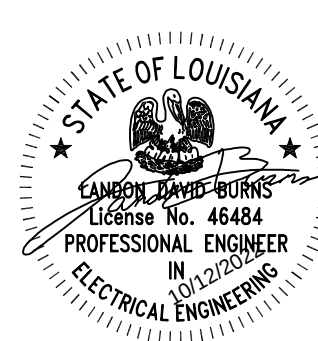


5 | DETAIL - EXIT SIGN MOUNTING
NTS

THOMPSON LUKE & ASSOCIATES, L.L.C.
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