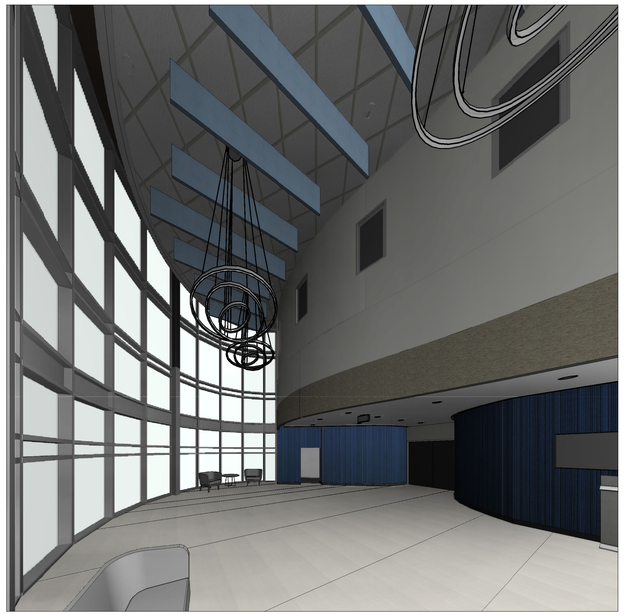
THEA TMC OFFICE RENOVATION

1104 E TWIGGS ST. TAMPA, FL 33602



Appendix A-1

RFP O-01220

CONSTRUCTION DOCUMENTS

No.	Description	Date
	PERMIT SET	5-7-2020
	REVISION 1	8-7-2020

PREPARED FOR:

THEA

X _____ _____

CLIENT SIGNATURE AUTHORIZING PRODUCTION DOCUMENTS TO PROCEED INTO NEXT PHASE **DATE**

8/7/2020 2:20:18 PM

Wannemacher Jensen
Architects, Inc.

180 Mirror Lake Drive North, St. Petersburg,
Florida 33701-3214
AA0002277

STRUCTURAL ENGINEER
MASTER CONSULTING ENGINEERS, INC.
5523 WEST CYPRESS STREET, SUITE 200, TAMPA FL 33607

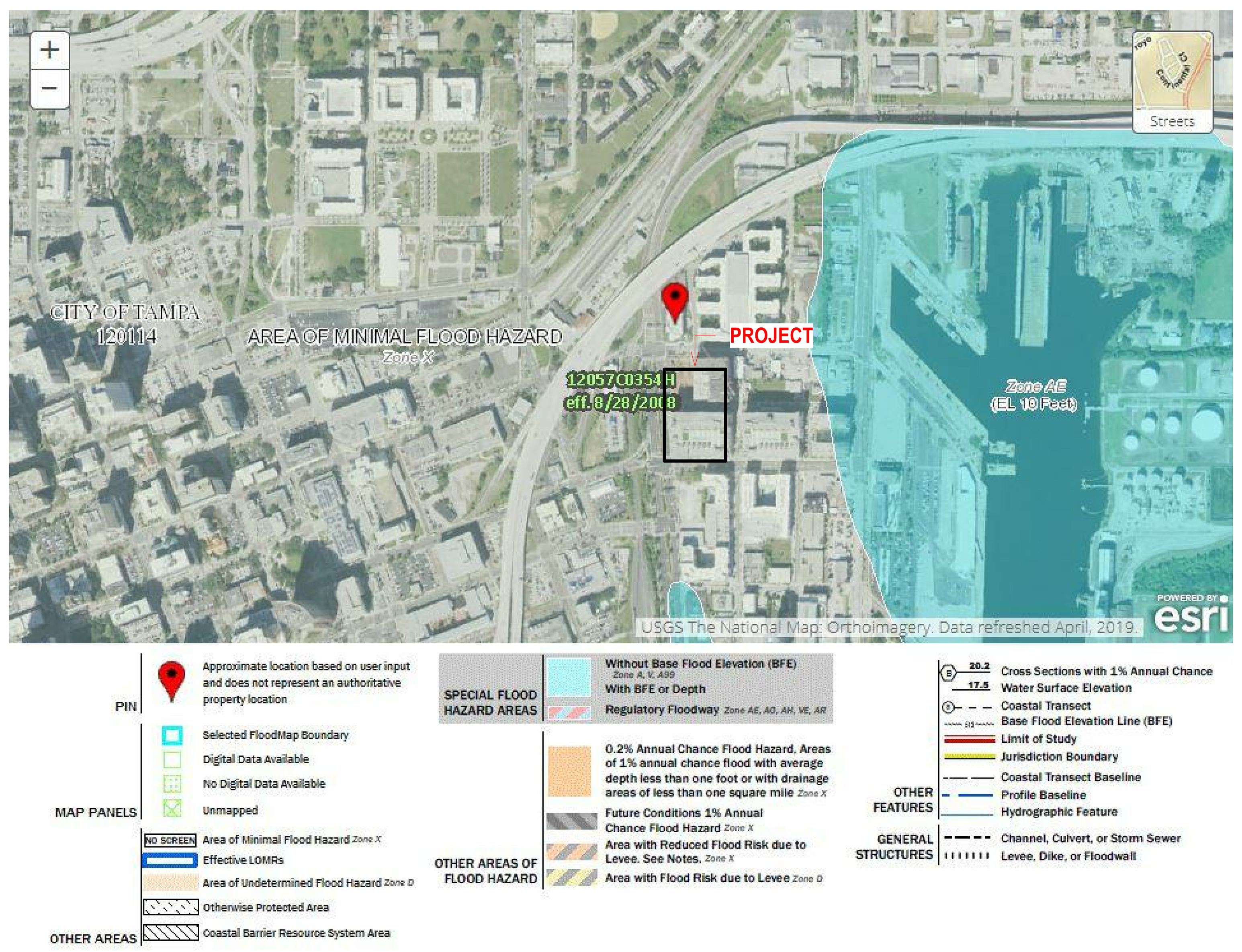
MEP & FP ENGINEER
EMERALD ENGINEERING INC.
9942 CURRIE DAVIS DR., STE. H, TAMPA, FL 33619

SITE LOCATION MAP

LEGAL DESCRIPTION

CAIRO SUBDIVISION LOTS 17 18 19 20 & N 23 FT OF LOTS 21 & 22 BLOCK 3 AND LOTS 6-16 BLOCK 3 AND LOTS 1 - 5 BLOCK 2 LESS CROSSTOWN X-WAY

FEMA FLOOD MAP



FLOOD ZONE

FEMA FLOOD ZONE: FLOOD ZONE X
LOWEST FFE IN PROPOSED PROJECT: EXISTING

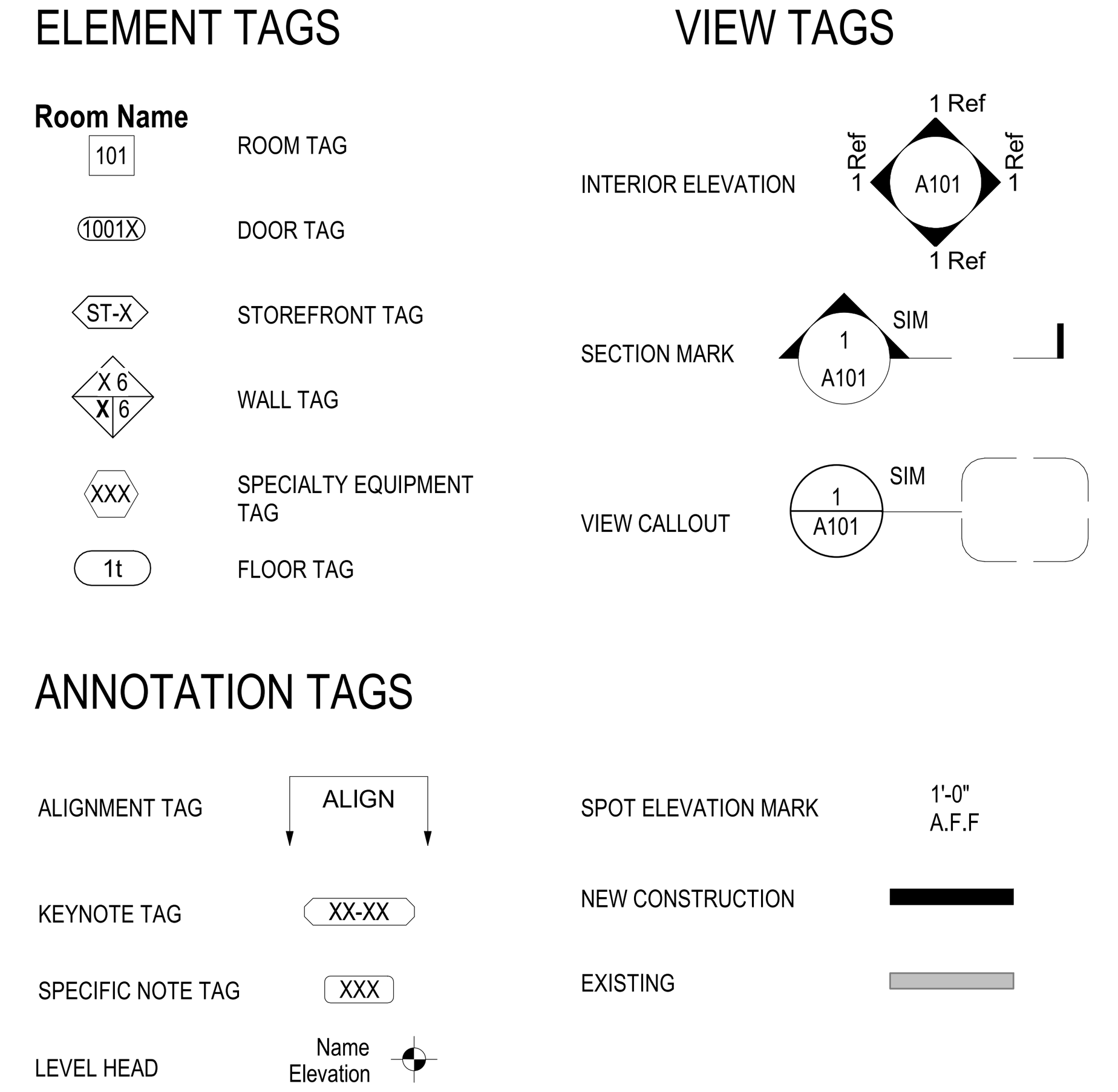
WIND LOADS

RISK CATEGORY (FBC TABLE 1604.5): II
ULTIMATE DESIGN WIND SPEED: 142 MPH

ABBREVIATIONS

A/C	AIR CONDITIONING	ISA	INTNL SYMBOL OF ACCESSIBILITY
ACOUS	ACOUSTICAL	LAV	LAVATORY
AD	AREA DRAIN	LVR	LOUVER
ADA	AMERICANS WITH DISABILITIES ACT	MAINT	MAINTENANCE
ADD	ADDITIONAL	MAX	MAXIMUM
ADJ	ADJUSTABLE	MECH	MECHANICAL
AFF	ABOVE FINISH FLOOR	MEP	MECHANICAL, ELECTRICAL, PLUMBING
ALT	ALTERNATE	MFR	MANUFACTURER
ALUM	ALUMINUM	MIN	MINIMUM
APPD	APPROVED	MISC	MISCELLANEOUS
APPROX	APPROXIMATE	MM	MILLIMETER
ARCH	ARCHITECTURAL	MTD	MOUNTED
AUTO	AUTOMATIC	MTL	METAL
A/V	AUDIO VISUAL	MULL	MULLION
B/W	BETWEEN	N/A	NOT APPLICABLE
BCA	BUILDING CONSTRUCTION AUTHORITY	NC	NOISE CRITERIA
BLDG	BUILDING	NIC	NOT IN CONTRACT
CBU	CEMENTITIOUS BACKER UNIT	NO	NUMBER
CFMF	COLD FORM METAL FRAMING	NOM	NOMINAL
CJ	CONTROL JOINT / CONSTRUCTION JOINT	NRC	NOISE REDUCTION COEFFICIENT
CL	CENTER LINE	NTS	NOT TO SCALE
CLG	CEILING	OC	ON CENTER
CLR	CLEAR	OH	OVER HEAD
CMU	CONCRETE MASONRY UNIT	OPNG	OPENING
CNTR	COUNTER	OPP	OPPOSITE
CO	CLEANOUT	OPP HD	OPPOSITE HAND
COL	COLUMN	PAV	PAVER
CONC	CONCRETE	PERF	PERFORATED
COND	CONDITION	PERIM	PERIMETER
CONN	CONNECTION	PERP	PERPENDICULAR
CONT	CONTINUOUS	PLAM	PLASTIC LAMINATE
COORD	COORDINATE	PLBG	PLUMBING
CORR	CORRIDOR	PR	PAIR
CTR	CENTER	PREFAB	PREFABRICATED
DBL	DOUBLE	PT	PRESSURE TREATED
DEMO	DEMOLITION	PTD	PAINTED
DEPT	DEPARTMENT	PTN	PARTITION
DET	DETAIL	PTxx	PAINT
DF	DRINKING FOUNTAIN	QC	QUALITY CONTROL
DIA	DIAMETER	QTY	QUANTITY
DIFF	DIFFUSER	R	RADIUS
DIM	DIMENSION	RCP	REFLECTED CEILING PLAN
DN	DOWN	RD	ROOF DRAIN
DP	DIMENSION POINT	REC	RECESSED
DR	DOOR	REF	REFERENCE
DRN	DRAIN	REQ	REQUIRE / REQUIRED
DWG	DRAWING	REV	REVISION / REVISED
EA	EACH	RM	ROOM
EJ	EXPANSION JOINT	SCHED	SCHEDULE
ELEV	ELEVATION	SD	STORM DRAIN
ELEC	ELECTRICAL	SECT	SECTION
ENCL	ENCLOSURE	SF	SQUARE FEET/FOOT
EQ	EQUAL	SHT	SHEET
EQUIP	EQUIPMENT	SIM	SIMILAR
ETR	EXISTING TO REMAIN	SPEC	SPECIFICATION
EW	EACH WAY	SPKR	SPEAKER
EWC	ELECTRICAL WATER COOLER	SPR	SPRINKLER
EXIST	EXISTING	SQ	SQUARE
EXP	EXPANSION	SS	STAINLESS STEEL
EXT	EXTERIOR	SSK	SERVICE SINK
F/	FACE OF (SEE OTHER WORD)	ST	STAINED
FA	FIRE ALARM	STD	STANDARD
FACP	FIRE ALARM CONTROL PANEL	STL	STEEL
FD	FLOOR DRAIN	STOR	STORAGE
FDC	FIRE DEPARTMENT CONNECTION	STRL	STRUCTURAL
FEC	FIRE EXTINGUISHER CABINET	SUSP	SUSPENDED
FEX	FIRE EXTINGUISHER	SYMM	SYMMETRICAL
FF	FACTORY FINISH	TEL	TELEPHONE OR TELECOM
FF&E	FURNITURE, FINISHES & EQUIPMENT	THK	THICKNESS
FHC	FIRE HOSE CABINET	THRU	THROUGH
FIN	FINISH	TV	TELEVISION
FIXT	FIXTURE	TYP	TYPICAL
FL	FLOOR	UL	UNDERWRITERS LABORATORY
FR	FRAME	UNFIN	UNFINISHED
FT	FEET	U.N.O.	UNLESS NOTED OTHERWISE
FURN	FURNITURE/ FURNISHED	UON	UNLESS OTHERWISE NOTED
FURR	FURRING	UR	URINAL
GA	GAUGE / GAGE	VCT	VINYL COMPOSITION TILE
GALV	GALVANIZED	VERT	VERTICAL
GC	GENERAL CONTRACT/OR	VEST	VESTIBULE
GL-xx,	GLASS	VIF	VERIFY IN FIELD
GWB	GYPSUM WALLBOARD	W	WIDE, WIDTH
HB	HOSE BIBB	W/	WITH
HCP	HANDICAPPED	W/O	WITHOUT
HDW	HARDWARE	WC	WATER CLOSET
HM	HOLLOW METAL	WD	WOOD
HORIZ	HORIZONTAL	WDW	WINDOW
HC	HANDICAPPED	WWF	WELDED WIRE FABRIC
HR	HOUR	XTR	EXISTING TO REMAIN
HSS	HOLLOW STRUCTURAL SECTION		
HT	HEIGHT		
HVAC	HEATING, VENTILATING, AIR CONDITIONING		
HW	HOT WATER		
IN	INCH		
INCL	INCLUDED / INCLUDING		
INFO	INFORMATION		
INT	INTERIOR		
INTERM	INTERMEDIATE		

TAG LEGEND



GENERAL NOTES

1. EXISTING ITEMS AND CONDITIONS ARE DEPICTED AND DESCRIBED ON THESE DRAWINGS ACCORDING TO THE BEST AVAILABLE INFORMATION AND SURVEYS. THE ARCHITECT PROVIDES NO ASSURANCE AS TO, AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THESE DEPICTIONS AND DESCRIPTIONS. FIELD VERIFY AND DETERMINE, BY ANY MEANS NECESSARY, THE ACTUAL LOCATION, CONFIGURATION AND CONDITION OF ALL PERTINENT ITEMS, INCLUDING THOSE THAT MAY BE IN CONCEALED LOCATIONS. IF INVESTIGATION DISCOVERS THAT ACTUAL CONDITIONS DIFFER FROM WHAT IS DEPICTED OR DESCRIBED ON THESE DRAWINGS OR IF THE ITEMS AND CONDITIONS THAT ARE TO REMAIN AS PART OF THE FINISHED WORK ARE UNSUITABLE TO SUPPORT OR ACCOMMODATE THE WORK REQUIRED FOR THIS PROJECT, OR DO NOT COMPLY WITH BUILDING CODE REQUIREMENTS OR MEET CONSTRUCTION INDUSTRY STANDARDS, IMMEDIATELY NOTIFY THE ARCHITECT BY RFI AND DO NOT PROCEED WITH THE WORK UNTIL RECEIPT OF SUPPLEMENTAL INSTRUCTIONS FROM THE ARCHITECT.

2. ESTABLISH AREAS AND LIMITS OF CONSTRUCTION ACTIVITY ACCEPTABLE TO THE OWNER AND PROVIDE THE TEMPORARY FACILITIES REQUIRED TO ACCOMPLISH THE WORK INCLUDING; FIELD OFFICE, TOILETS, ELECTRIC SERVICE, SITE ACCESS, PARKING, STORAGE AND CONSTRUCTION STAGING AREAS. PROVIDE TEMPORARY WALKWAYS, DRIVEWAYS, BARRIERS, SIGNS AND ILLUMINATION TO SEPARATE AND PROTECT THE GENERAL PUBLIC FROM THE WORK RELATED ACTIVITIES. PROVIDE ACCESS ROUTES TO AND FROM AREAS OF CONSTRUCTION ACTIVITY FOR CONSTRUCTION PERSONNEL THAT COMPLY WITH ALL OSHA AND OTHER GOVERNMENT SAFETY AND ACCESSIBILITY REQUIREMENTS. ASSUME FULL LIABILITY FOR ANY DAMAGE TO ADJACENT PROPERTIES, DAMAGE TO PERSONAL PROPERTY, INJURY TO PERSONS, ETC. CAUSED BY WORK RELATED ACTIVITIES OR NEGLIGENCE.

3. PROVIDE TEMPORARY SHORING AS REQUIRED TO ADEQUATELY SUPPORT AND RETAIN EXISTING MATERIALS AND CONSTRUCTION AFFECTED BY THE WORK. PROTECT THOSE ITEMS, MATERIALS & FINISHES TO REMAIN. REMOVE ONLY THOSE ITEMS AND MATERIALS NECESSARY TO ACCOMMODATE THE WORK WITH CLEAN, UNIFORM CUTS. FILL AND PATCH REMAINING CONSTRUCTION AS REQUIRED WITH MATERIALS MATCHING THE ADJACENT MATERIALS IN KIND, STRENGTH, AND APPEARANCE SO AS TO FINISH UNIFORMLY WITHOUT TELEGRAPHING DIFFERENCES BETWEEN THE PATCHES AND THE ADJACENT CONSTRUCTION. REPAIR OR REPLACE ANY ITEMS, MATERIALS OR FINISHES DAMAGED BY THE WORK AT NO COST TO THE OWNER.

4. PROVIDE THE ITEMS, PRODUCTS AND FEATURES AS DEPICTED, DESCRIBED AND SPECIFIED ON THE DRAWINGS. IF DISCREPANCIES ARE DISCOVERED ON THE DRAWINGS, NOTIFY THE ARCHITECT BY RFI AND DO NOT PROCEED WITH WORK RELATED TO ITEMS IN QUESTION UNTIL RECEIPT OF SUPPLEMENTAL INSTRUCTIONS FROM THE ARCHITECT. REQUESTS FOR SUBSTITUTIONS MAY BE SUBMITTED TO THE ARCHITECT FOR CONSIDERATION. DO NOT MAKE SUBSTITUTIONS WITHOUT THE APPROVAL OF THE ARCHITECT. WHERE A "BASIS-OF-DESIGN" PRODUCT IS SPECIFIED, A COMPARABLE PRODUCT MAY BE PROVIDED, SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

5. SUBMIT SHOP DRAWINGS, PRODUCT DATA AND SAMPLES TO THE ARCHITECT FOR REVIEW AS REQUIRED BY THE CONTRACT DOCUMENTS. DO NOT PROCEED WITH WORK RELATED TO SUBMITTALS MARKED "REJECTED" OR "REVISE AND RESUBMIT" BY THE ARCHITECT OR THE ARCHITECT'S CONSULTANTS. SUBMITTALS MARKED "APPROVED", "NO EXCEPTION TAKEN" OR "MAKE CORRECTIONS NOTED" DO NOT SUPERSEDE THE NEED TO COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

6. DO NOT SCALE DRAWINGS. THE DIMENSIONS ON THE DRAWINGS GOVERN. WRITTEN NOTES REFERENCING AN ITEM OR FEATURE WITH THE WORD "TYPICAL" (TYP) APPLY TO ALL IDENTICAL ITEMS OR FEATURES INDICATED ELSEWHERE ON THESE DRAWINGS.

7. PROVIDE A FLORIDA PRODUCT APPROVAL ISSUED BY THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION OR A MIAMI-DADE NOTICE OF ACCEPTANCE (NOA) ISSUED BY THE MIAMI-DADE COUNTY GOVERNMENT FOR EACH EXTERIOR COMPONENT AND CLADDING ASSEMBLY CERTIFYING THAT APPROVED TESTING HAS SUFFICIENTLY DEMONSTRATED THAT THE ASSEMBLY AND IT'S COMPONENTS, AS DESIGNED AND MANUFACTURED, WILL WITHSTAND THE WIND LOADS AND WIND-BORNE MISSILE IMPACTS IN COMPLIANCE WITH ALL CODE AND JURISDICTIONAL REQUIREMENTS FOR THE PROJECT LOCATION WHEN INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS INCLUDING INSTRUCTIONS THAT MAY BE PROVIDED WITH THE FLORIDA PRODUCT APPROVAL OR NOA DOCUMENTS. PROVIDE THESE DOCUMENTS AS PART OF THE SUBMITTAL FOR EACH OF THESE ITEMS AND ASSEMBLIES FOR BCA APPROVAL.

8. PROVIDE ALL ITEMS AND FEATURES DEPICTED AND DESCRIBED ON THESE DRAWINGS AND OTHER CONTRACT DOCUMENTS SO THEY ARE PROPERLY PLACED, ALIGNED, PLUMB, SECURED, FINISHED AND FUNCTIONING AS INTENDED. PROVIDE FINISHED WORK THAT MEETS OR EXCEEDS CURRENT INDUSTRY STANDARDS FOR QUALITY AND PERFORMANCE. ARRANGE AND CONDUCT INSPECTIONS OF THE FINISHED WORK WITH THE OWNER, THE ARCHITECT, AND THE AUTHORITY HAVING JURISDICTION. APPROVAL OF THE WORK BY THESE OR ANY OTHER PARTY OR AGENCY DOES NOT SUPERSEDE THE NEED TO COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

9. REMOVE CONSTRUCTION DEBRIS, INCLUDING DEMOLISHED MATERIALS, FROM THE SITE AS REQUIRED TO PREVENT ACCUMULATION. TRANSPORT THESE MATERIALS OFF THE SITE IN A MANNER THAT WILL PREVENT SPILLAGE AND LEGALLY DISPOSE OF THESE MATERIALS AT AN EPA APPROVED DISPOSAL OR RECYCLING FACILITY.

10. KEEP COMPLETE AND LEGIBLE SETS OF CONSTRUCTION DOCUMENTS, ADDENDA, SUPPLEMENTAL INSTRUCTIONS, SUPPLEMENTAL DRAWINGS, MEETING NOTES, ETC. TOGETHER AND READILY AVAILABLE IN AN APPROPRIATE LOCATION ON SITE.

11. CONCEAL CONDUIT, PIPING, ETC. WITHOUT EXCEPTION. PROVIDE ACCESSIBLE JUNCTION BOXES, VALVES, CLEANOUTS, ETC., AS REQUIRED BY CODE.

12. WHERE POSSIBLE AND BEST PRACTICE, ALIGN THE SEAMS AND EDGES OF BREAK METAL AND FLASHING WITH ADJACENT REVEALS, EDGES OF MATERIAL TRANSITIONS, OR WITH BUILDING DESIGN FEATURES. CONSULT WITH ARCHITECT AS REQUIRED.

13. PER OWNER - CONTRACTOR AGREEMENT, PROJECT TO FOLLOW ALL OSHA STANDARDS AND REQUIREMENTS. INCLUDE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) EXCAVATION SAFETY STANDARD 29 C.P.R., SECTION 1926 630 SUBPART P, WHICH ARE INCORPORATED AS THE STATE STANDARD

14. ALL CONTRACTORS SHALL INCLUDE IN THEIR BID REFERENCE TO THE TRENCH SAFETY STANDARD, WHERE RELEVANT, AND WRITTEN ASSURANCE THAT THE CONTRACTOR WILL COMPLY WITH CHAPTER 553, PART V TRENCH SAFETY ACT, SECTIONS 553.60 THROUGH 553.64, FLORIDA STATUTES. ALL TRENCH SAFETY SYSTEMS SHALL BE DESIGNED BY THE CONTRACTOR.

15. NEW HOLES IN FLOOR SLAB DUE TO REMOVAL OF FLOOR OUTLETS, CONDUIT OR PIPE SHALL BE FILLED FLUSH WITH FLOOR WITH 3000 PSI CONCRETE AND KEYED TO SLAB WITH STEEL DOWELS. BONDING AGENT SHALL BE APPLIED TO SIDES OF HOLE BEFORE PLACEMENT OF CONCRETE.

16. AT STOREFRONT GLASS OR ANY GLASS WALL, FURNISH AND INSTALL DIAGONAL BRACING ABOVE IN CONCEALED LOCATION (IF EXPOSED, CONFIRM LOCATION SIDE WITH ARCHITECT).

17. REQUESTS FOR SUBSTITUTIONS OF SPECIFIED ITEMS SHALL BE SUBMITTED IN WRITING WITHIN BID PROPOSAL FOR CONSTRUCTION TO THE ARCHITECT, AND WILL BE CONSIDERED ONLY IF THEY PROVIDE BETTER SERVICES, HAVE A MORE ADVANTAGEOUS DELIVERY DATE, OR HAVE A LOWER PRICE PROVIDING A CREDIT TO THE OWNER AND WILL NOT SACRIFICE QUALITY, APPEARANCE OR FUNCTION. UNDER NO CIRCUMSTANCES WILL THE ARCHITECT BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR SUBSTITUTION IS OR IS NOT OF EQUAL QUALITY TO THE SPECIFIED PRODUCT.

18. SHOP DRAWINGS/SUBMITTALS ARE REQUIRED FOR BUT NOT LIMITED TO THE FOLLOWING: MILLWORK, STRUCTURAL/ MISCELLANEOUS STEEL, HARDWARE, WOOD AND METAL DOORS, AND EQUIPMENT. SHOP DRAWINGS SHOULD INCLUDE DETAILED FABRICATION AND ERECTION DRAWINGS, SETTING DRAWINGS, AND MATERIAL SCHEDULES. FABRICATION SHALL BEGIN ONLY AFTER ARCHITECT'S REVIEW AND APPROVAL OF SHOP DRAWINGS.

DRAWING INDEX

SHEET #	SHEET NAME	PERMIT SET	REV 1
00 TITLE			
G-100	COVER	x	x
01 GENERAL			
G-101	DRAWING LEGEND AND BUILDING DATA	x	x
G-103	CODE ANALYSIS	x	x
G-104	SCOPE OF WORK PLANS	x	
G-105	MOUNTING HEIGHTS	x	
G-106	UL LISTINGS	x	
G-107	UL LISTINGS	x	
03 LIFE SAFETY			
B-101	LEVEL 1 - LIFE SAFETY PLAN	x	x
B-102	LEVEL 2 - LIFE SAFETY PLAN	x	x
B-103	LEVEL 3 - LIFE SAFETY PLAN	x	x
06 DEMO			
AD-101	LEVEL 1 - DEMO FLOOR PLAN	x	x
AD-102	LEVEL 2 - DEMO FLOOR PLAN	x	x
AD-103	LEVEL 3 - DEMO FLOOR PLAN	x	x
AD-201	LEVEL 1 - DEMO CEILING PLAN	x	x
AD-202	LEVEL 2 - DEMO CEILING PLAN	x	x
AD-203	LEVEL 3 - DEMO CEILING PLAN	x	x
AD-204	ROOF DEMO PLAN	x	
07 ARCHITECTURAL			
A-101	LEVEL 1 - FLOOR PLAN	x	x
A-102	LEVEL 2 - FLOOR PLAN	x	x
A-103	LEVEL 3 - FLOOR PLAN	x	x
A-104	ROOF PLAN	x	
A-120	LEVEL 1 - DIMENSION PLAN	x	
A-121	LEVEL 2 - DIMENSION PLAN	x	
A-122	LEVEL 3 - DIMENSION PLAN	x	
A-201	LEVEL 1 - RCP	x	x
A-202	LEVEL 2 - RCP	x	x
A-203	LEVEL 3 - RCP	x	x
A-400	ENLARGED WATER CLOSET PLANS AND ELEVATIONS	x	x
A-410	ENLARGED FLOOR PLANS AND ELEVATIONS	x	x
A-411	ENLARGED FLOOR PLANS AND ELEVATIONS	x	x
A-412	ENLARGED FLOOR PLANS AND ELEVATIONS	x	x
A-413	ENLARGED FLOOR PLANS AND ELEVATIONS	x	
A-414	ENLARGED FLOOR PLANS AND ELEVATIONS	x	x
A-415	ENLARGED FLOOR PLANS AND ELEVATIONS	x	REMOVED
A-420	MILLWORK SECTIONS	x	
A-421	MILLWORK SECTIONS	x	x
A-422	MILLWORK SECTIONS	x	x
A-500	INTERIOR ELEVATIONS	x	
A-501	INTERIOR ELEVATIONS	x	x
A-620	CEILING DETAILS	x	
A-621	CEILING DETAILS	x	
A-720	ENCLOSURE DETAILS	x	
A-800	PARTITION TYPES	x	
A-801	PARTITION DETAILS	x	
A-810	DOOR SCHEDULES - LEVEL 1	x	x
A-811	DOOR SCHEDULES - LEVEL 2 & 3	x	x
A-830	STOREFRONT ELEVATIONS	x	x
A-831	DOOR AND STOREFRONT DETAILS	x	
08 INTERIOR			
ID-101	LEVEL 1 - FINISH PLAN	x	x
ID-102	LEVEL 2 - FINISH PLAN	x	x
ID-103	LEVEL 3 - FINISH PLAN	x	x
ID-110	FINISH LEGEND	x	x
ID-201	LEVEL 1 - FURNITURE PLAN	x	x
ID-202	LEVEL 2 - FURNITURE PLAN	x	x
ID-203	LEVEL 3 - FURNITURE PLAN	x	x
ID-301	LEVEL 1 - EQUIPMENT PLAN	x	
ID-302	LEVEL 2 - EQUIPMENT PLAN	x	
ID-303	LEVEL 3 - EQUIPMENT PLAN	x	

DRAWING INDEX

SHEET #	SHEET NAME	PERMIT SET	REV 1
ID-401	INTERIOR DETAILS	x	x
ID-402	INTERIOR SIGNAGE	x	
09 STRUCTURAL			
S-101	GENERAL NOTES & ROOF PLAN	x	
10 MECHANICAL			
M-000	LEGENDS, NOTES, AND ABBREVIATIONS	x	
M-101	LEVEL 1 - FLOOR HVAC PLAN	x	x
M-102	LEVEL 2 - FLOOR HVAC PLAN	x	x
M-103	LEVEL 3 - FLOOR HVAC PLAN	x	
M-104	ROOF HVAC PLAN	x	
M-501	DETAILS AND SCHEDULES	x	x
M-502	SCHEDULES	x	x
M-503	DETAILS AND SCHEDULES		x
MD-101	LEVEL 1 - DEMO FLOOR HVAC PLAN	x	
MD-102	LEVEL 2 - DEMO FLOOR HVAC PLAN	x	
MD-103	LEVEL 3 - DEMO FLOOR HVAC PLAN	x	
MD-104	ROOF DEMO HVAC PLAN	x	
11 PLUMBING			
P-000	LEGENDS, NOTES, AND ABBREVIATIONS	x	x
P-101	LEVEL 1 - FLOOR PLUMBING PLAN	x	
P-102	LEVEL 2 - FLOOR PLUMBING PLAN	x	
P-103	LEVEL 3 - FLOOR PLUMBING PLAN	x	
PD-101	LEVEL 1 - DEMO FLOOR PLUMBING PLAN	x	x
PD-102	LEVEL 2 - DEMO FLOOR PLUMBING PLAN	x	x
PD-103	LEVEL 3 - DEMO FLOOR PLUMBING PLAN	x	x
12 ELECTRICAL			
E-001	LEGENDS, NOTES, AND ABBREVIATIONS	x	x
E-101	LEVEL 1 - FLOOR LIGHTING PLAN	x	x
E-102	LEVEL 2 - FLOOR LIGHTING PLAN	x	x
E-103	LEVEL 3 - FLOOR LIGHTING PLAN	x	x
E-201	LEVEL 1 - FLOOR POWER PLAN	x	x
E-202	LEVEL 2 - FLOOR POWER PLAN	x	x
E-203	LEVEL 3 - FLOOR POWER PLAN	x	x
E-204	ELECTRICAL ROOF PLAN	x	x
E-301	LEVEL 1 - FLOOR SYSTEMS PLAN	x	x
E-302	LEVEL 2 - FLOOR SYSTEMS PLAN	x	x
E-303	LEVEL 3 - FLOOR SYSTEMS PLAN	x	x
E-401	ELECTRICAL RISER DIAGRAMS	x	
E-501	ELECTRICAL DETAILS	x	
E-601	ELECTRICAL PANEL SCHEDULES	x	
E-602	ELECTRICAL PANEL SCHEDULES	x	
E-701	ELECTRICAL SCHEDULES	x	
ED-101	LEVEL 1 - DEMO FLOOR ELECTRICAL PLAN	x	x
ED-102	LEVEL 2 - DEMO FLOOR ELECTRICAL PLAN	x	x
ED-103	LEVEL 3 - DEMO FLOOR ELECTRICAL PLAN	x	x
ED-104	ROOF DEMO ELECTRICAL PLAN	x	
13 FIRE PROTECTION			
F-000	LEGENDS, NOTES, AND ABBREVIATIONS	x	
F-101	LEVEL 1 - FLOOR FIRE PROTECTION PLAN	x	
F-102	LEVEL 2 - FLOOR FIRE PROTECTION PLAN	x	
F-103	LEVEL 3 - FLOOR FIRE PROTECTION PLAN	x	
F-501	DETAILS	x	

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THEA TMC OFFICE RENOVATION

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Project number
1924

DISTRIBUTION

MILESTONE	DATE
PERMIT SET	5-7-2020
REV 1	8-7-2020

DRAWING LEGEND AND BUILDING DATA

G-101

CODE ANALYSIS

SCOPE OF WORK

THE SCOPE OF WORK INCLUDES A EXISTING 3 STORY 27,727 G.S.F. SPRINKLED COMMERCIAL BUILDING OF TYPE 2B UNPROTECTED CONSTRUCTION. THE STRUCTURE IS COMPOSED OF STEEL MEMBERS & LOADBEARING EXTERIOR CMU WALLS, COMPOSITE FLOOR AND ROOF DECKS AND INTERIOR LIGHT GAUGE METAL FRAMED WALLS. THE PROJECT INCLUDES INTERIOR RECONFIGURATION OF NON-LOADBARING WALLS, NEW MECHANICAL EQUIPMENT, PLUMBING, ELECTRICAL, AV/IT, FIRE PROTECTION AND ALARM SYSTEMS. THE TOTAL BUILDING HEIGHT MEASURED FROM B.F.E TO TOP OF PARAPET IS 53' -4". THE TOP OF ROOF STRUCTURE IS AT 47' 0" FOR THRESHOLD COMPLIANCE. THIS IS AN ALTERATION TYPE 2 AREA OF WORK = 38% OF THE BUILDING GSF.

ABBREVIATIONS

N/A	NOT APPLICABLE AS PART OF THIS PROJECT
AGP	ABOVE GRADE PLAN - STORY
FDVA	FIRE DEPARTMENT VEHICLE ACCESS
FSD	FIRE SEPARATION DISTANCE
AHJ	AUTHORITY HAVING JURISDICTION
OL	OCCUPANT LOAD

APPLICABLE CODES

2017	(A)	FLORIDA BUILDING CODE - BUILDING, 6TH EDITION
2017	(B)	FLORIDA BUILDING CODE - EXISTING, 6TH EDITION
2017	(C)	FLORIDA BUILDING CODE - ACCESSIBILITY, 6TH EDITION
2017	(D)	FLORIDA BUILDING CODE - PLUMBING, 6TH EDITION
2017	(E)	FLORIDA BUILDING CODE - ENERGY, 6TH EDITION
2017	(F)	FLORIDA FIRE PREVENTION CODE, 6TH EDITION
2017	(G)	FLORIDA FIRE PREVENTION CODE - LIFE SAFETY, 6TH EDITION
2017	(H)	FLORIDA BUILDING CODE - MECHANICAL, 6TH EDITION
2014	(J)	NATIONAL ELECTRICAL CODE

ALTERATION LEVEL - (B) CH. 5

LEVEL 2 ALTERATION - SHALL COMPLY WITH (B) CH. 7 AND 8

THRESHOLD BUILDING - (A) CH. 202

YES

HIGH RISE BUILDING - (A) CH. 403

N/A

USE AND OCCUPANCY CLASSIFICATION - (A) CH. 3; (F) CH. 6 ; (G) CH. 13, 39

NONSEPARATED MIXED USE

ACCESSORY OCCUPANCY	ADJACENCIES	FIRE SEPARATION - (A) TABLE 508.3, (F) TABLE 6.1.14.3
B	A-3 / S	NA
A-3	B / S	NA

* NO INCIDENTAL USES (A) 509

SPECIAL DETAILED REQUIREMENTS BASED ON USE & OCCUPANCY - (A) CH. 4

NONE APPLY TO BUSINESS AND ASSEMBLY TYPE OCCUPANCIES.

TYPES OF CONSTRUCTION - (A) CH. 6

OCCUPANCY	CONST. TYPE	FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601)	TYPE 2B
B/ A3/ S	2B	PRIMARY STRUCTURAL FRAME	0
		BEARING WALLS EXTERIOR	0
		BEARING WALLS INTERIOR	0
		NONBEARING WALLS AND PARTITIONS EXTERIOR	0
		NONBEARING WALLS AND PARTITIONS INTERIOR	0
		FLOOR CONSTRUCTION AND SECONDARY MEMBERS	0
		ROOF CONSTRUCTION AND SECONDARY MEMBERS	0

FIRE-RESISTANCE OF EXTERIOR WALLS - (A) TABLE 602

	A-3	B	S
X>30'	0	0	0

COLUMN PROTECTION - (A) CH. 704.2 : NA

PROTECTION OF THE PRIMARY STRUCTURAL FRAME OTHER THAN COLUMNS - (A) CH. 704.3 : NA

EXTERIOR STRUCTURAL MEMBERS - (A) CH. 704.10: NA

FIRE AND SMOKE PROTECTION FEATURES - (A) CH. 7

EXTERIOR WALLS - (A) CH. 705

PROJECTIONS: SHALL NOT EXTEND CLOSER TO FSD THAN (A) TABLE 705.2: NA

FIRE-RESISTANCE RATINGS - (A) CH. 705.5: NA

MAXIMUM AREA OF EXTERIOR WALL BASED ON FIRE SEPARATION DISTANCE (A) TABLE 705.8:

GREATER THAN 30' - NO LIMIT

VERTICAL SEPARATION OF OPENINGS (A) CH. 705.8.5:	1 HR
FIRE WALLS (A) CH. 706.4:	NA
FIRE BARRIERS (A) CH. 707, (G) 8.3:	NA
FIRE PARTITIONS (A) CH. 708:	NA
SMOKE BARRIERS (A) CH. 709, (G) 8.5:	NA
SMOKE PARTITIONS (A) CH. 710, (G) 8.4:	NA
FLOOR AND ROOF ASSEMBLIES (A) CH. 711:	0 HR
VERTICAL OPENINGS (A) CH. 712, (G) 8.6:	NA
FIRE-RESISTANCE RATING OF SHAFTS (A) CH. 713, (G) 8.6.4:	1 HR (CONNECTING < THAN FOUR STORIES)
ELEVATOR LOBBIES (A) CH. 30:	NA

FIRE AREAS (A) CH. 707.3.10: NA

INTERIOR FINISHES - (A) CH. 8 ; (G) CH. 13.3.3 - 39.3.3

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY (TABLE 803.11)

OCCUPANCY	EXITING ELEMENTS	CORRIDORS	ROOM & ENCLOSED SPACES
A-3	A	B	C
B	B	B	C

FIRE PROTECTION SYSTEMS - (A) CH. 9 ; (B) CH. 704, 804, 904; (G) 12-43

AUTOMATIC SPRINKLER SYSTEMS (A) CH. 903

903.2.1.3 AUTOMATIC SPRINKLER SYSTEMS REQUIRED IN A-3 OCCUPANCY

SPRINKLER SHALL BE INSTALLED THROUGHOUT IN ACCORDANCE TO NFPA 13 (A) 903.3.1.1

PORTABLE FIRE EXTINGUISHERS - WHERE REQUIRED (A) 906.3.1 (G 6.2.2)

A-3 - CLASS A, ORDINARY HAZARD

B - CLASS A, ORDINARY HAZARD

CLASS A, ORDINARY HAZARD FIRE EXTINGUISHER REQUIREMENTS (A) 906.1

RATED: 2-A

MAX. FLOOR AREA PER UNIT OF A = 1,500 SF

MAX. FLOOR AREA FOR EXTINGUISHER = 11,250 SF

MAX. TRAVEL DISTANCE = 75 FT

FIRE ALARM AND DETECTION SYSTEMS - WHERE REQUIRED (A) 907.2

INSTALLED PER IBC AND NFPA 72

MEANS OF EGRESS - (A) CH. 10; (G) TABLE 7.3.1.2

OCCUPANT LOAD (A) TABLE 1004.1.2:
SEE LIFE SAFETY SHEET B-101, B-102, B-103 FOR FLOOR PLAN SHOWING OCCUPANT LOADS FOR EACH ROOM

MEANS OF EGRESS SIZING (A) CH. 1005:
0.3" x OL FOR STAIRS AND 0.2" x OL FOR OTHER EGRESS COMPONENTS. SEE LIFE SAFETY SHEET B-101, B-102, B-103 FOR FLOOR PLAN SHOWING STAIRS AND EGRESS COMPONENTS AND WIDTH REQUIRED AND WIDTH PROVIDED.

MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE (A) TABLE 1006.2.1; (G) 13.2.5.1.2 - 39.2.5.3.1

A-3	75' (WITH SPRINKLER SYSTEM)
B	100' (WITH SPRINKLER SYSTEM)

ACCESSIBLE MEANS OF EGRESS (A) CH. 1009 (C) 206.2.4; (G) 39.3.4.1(3)

TWO EXITS ARE REQUIRED.

EXIT TRAVEL DISTANCE (A) TABLE 1017.2 ; (G) 13.2.6 - 39.2.6

A-3	250' (WITH SPRINKLER SYSTEM)
B	300' (WITH SPRINKLER SYSTEM)

CORRIDOR FIRE-RESISTANCE RATING (A) TABLE 1018.1 1020.1

A-3	OL > 30 = 0 HR. (WITH SPRINKLER SYSTEM)
B	OL > 30 = 0 HR. (WITH SPRINKLER SYSTEM)

MINIMUM CORRIDOR WIDTH (A) TABLE 1020.1

ANY FACILITIES NOT LISTED BELOW - 44"

MEANS OF EGRESS - (A) CH. 10

DEAD END TRAVEL DISTANCE (A) CH. 1020.4 ; (G) 13.2.5.1.3 - 39.2.5.2

A-3	50' (WITH SPRINKLER SYSTEM)
B	50' (WITH SPRINKLER SYSTEM)

ACCESSIBILITY (C)

SCOPING REQUIREMENTS (C) CH. 2

FACILITY REQUIRED TO BE ACCESSIBLE

ACCESSIBLE ROUTE (C) CH. 206

206.2.2 CONNECTED SPACES: ALL SPACES ARE REQUIRED TO BE ACCESSIBLE AND CONNECTED BY AN ACCESSIBLE ROUTE

ACCESSIBLE ENTRANCES (C) CH. 206.4

206.4.1 PUBLIC ENTRANCES: AT LEAST 60% OF ALL PUBLIC ENTRANCES SHALL BE ACCESSIBLE

OTHER FEATURES AND FACILITIES (C) CH. 213

213.2, 213.2 TOILET AND BATHING FACILITIES: ONE TYPE OF EACH FIXTURE, ELEMENT, CONTROL OR DISPENSER SHALL BE ACCESSIBLE

213.3.1 WATER CLOSET COMPARTMENT: ONE WC MUST BE ACCESSIBLE. IF WC + URINALS > 6, PROVIDE ONE AMBULATORY ACCESS WC

213.3.4 LAVATORIES: AT LEAST 5%, BUT NOT LESS THAN ONE SHALL BE ACCESSIBLE

212 KITCHENS AND KITCHENETTES: SHALL BE ACCESSIBLE

INTERIOR ENVIRONMENT (A) CH. 12

VENTILATION (A) CH. 1203

1203.2 VENTILATION REQUIRED: THE NET FREE VENTILATING AREA SHALL BE NOT LESS THAN 1/150 OF THE AREA OF THE SPACE VENTILATED

EXCEPTION #1: 1/300 ALLOWED WHEN 50%-80% OF VENTING AREA IS 3' ABOVE EAVE VENT

EXCEPTION #2: 1/300 ALLOWED WHEN CLASS I OR II VAPOR BARRIER PROVIDED

PLUMBING SYSTEMS (A) CH. 29 & (D) CH. 4

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES (A) TABLE 2902.1 & (D) 403.1

OCC. TYPE	OCC. LOAD	WATER CLOSETS		LAVATORIES		DF	SERVICE SINK
		M	W	M	W		
A-3	560	280/125=2.24	280/65=4.3	280/200=1.4	280/200=1.4	560/500=1.12	1
B	132	50/25=2 16/50=.32	50/25=2 16/50=.32	66/40=1.65	66/40=1.65	132/100=1.36	1
S	8	4/100=0.04	4/100=0.04	4/100=0.04	4/100=0.04	8/1000=.008	1
	TOTAL REQ.	4.6	6.66	3.09	3.09	2.49	1
	PROVIDED	6 WC+ 3 URINALS	9	9	9	6	2

FLOOR DRAINS (D) CH. 412 - NR

INTERCEPTORS/SEPARATORS (D) CH. 1003:

GREASE - NR

OIL - NR

LAUNDRY - NR

Wannemacher Jensen Architects, Inc.
180 Mirror Lake Drive North
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(727) 822-5566 fax (727) 822-5475
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AA0002277

THEA TMC OFFICE RENOVATION

1104 E TWIGGS ST. TAMPA, FL 33602

Project number
1924

DISTRIBUTION

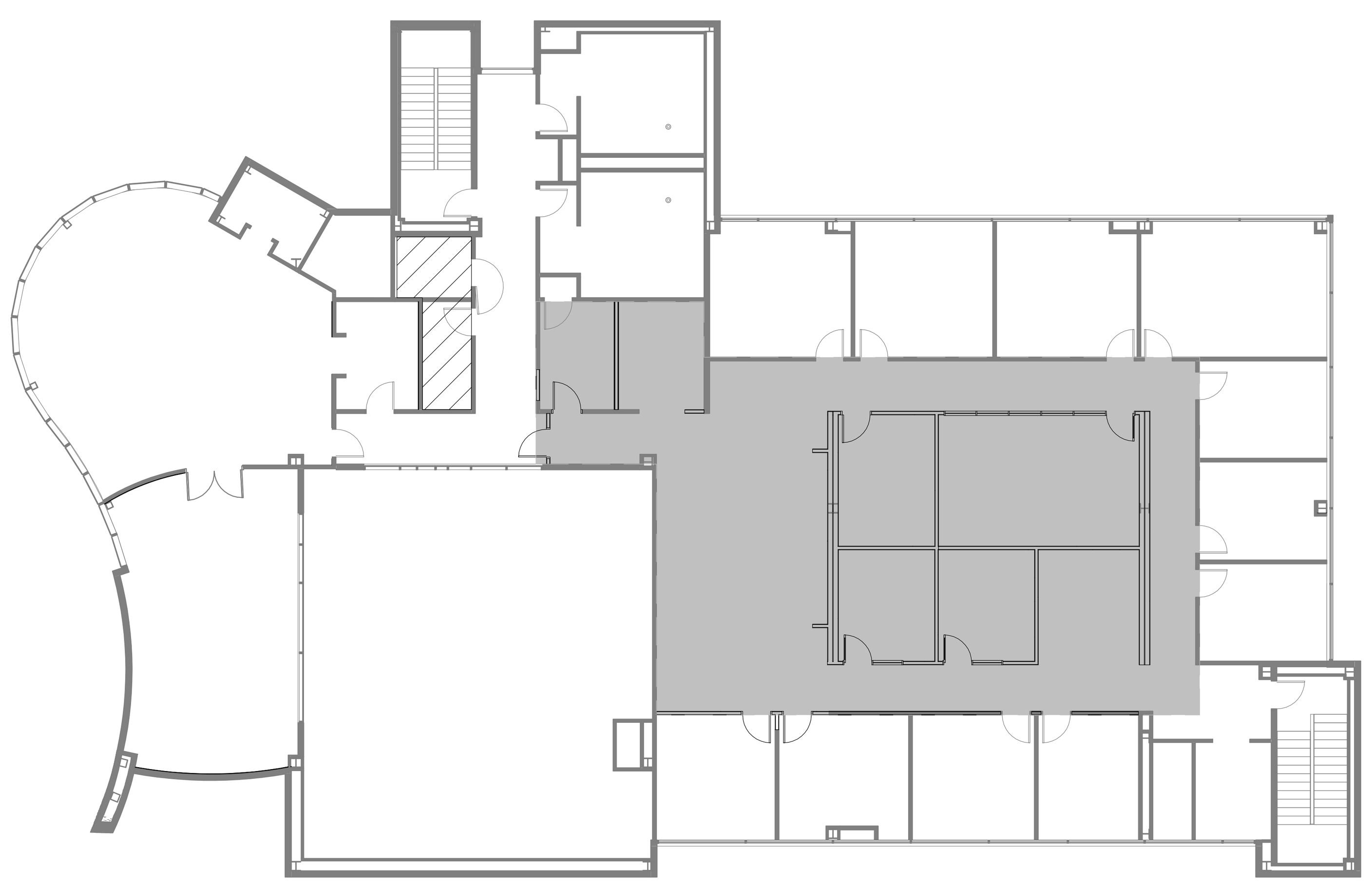
MILESTONE	DATE
PERMIT SET	5-7-2020
REV 1	8-7-2020

CODE ANALYSIS

G-103

1 LEVEL 1 - FLOOR PLAN ALTERATION
1/16" = 1'-0"

2 LEVEL 2 - FLOOR PLAN ALTERATION
1/16" = 1'-0"



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

ALTERATION LEGEND

NEW CONSTRUCTION WALL

EXISTING WALL

NOT IN SCOPE

LEVEL 1 ALTERATION — LEVEL 1 ALTERATION - B 503.1 REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES USING NEW MATERIALS, ELEMENTS, EQUIPMENT, OR FIXTURES THAT SERVE THE SAME PURPOSE.

LEVEL 2 ALTERATION — LEVEL 2 ALTERATION - B 504.1 THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT.

LEVEL 2 ALTERATION AREA OF WORK = 38% OF THE BUILDING GSF.

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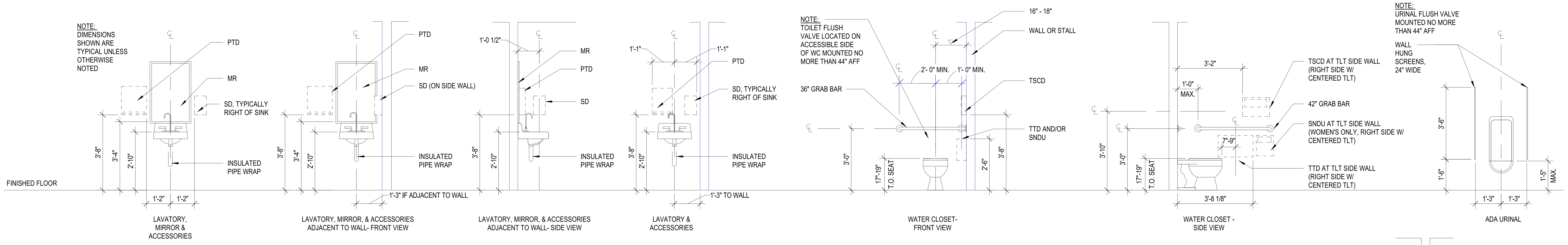
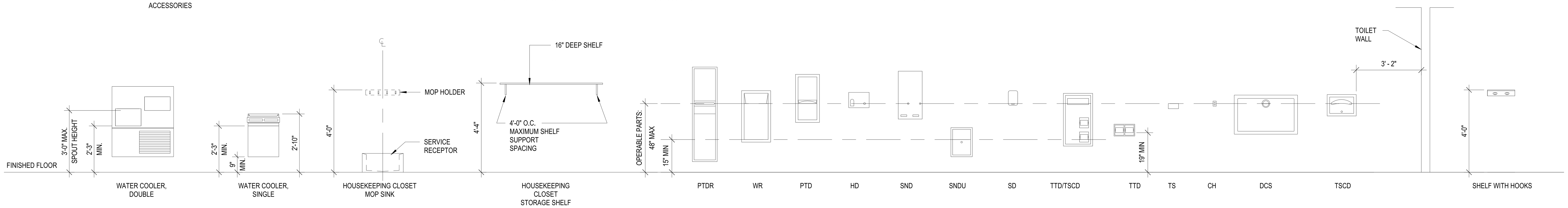
SCOPE OF WORK PLANS

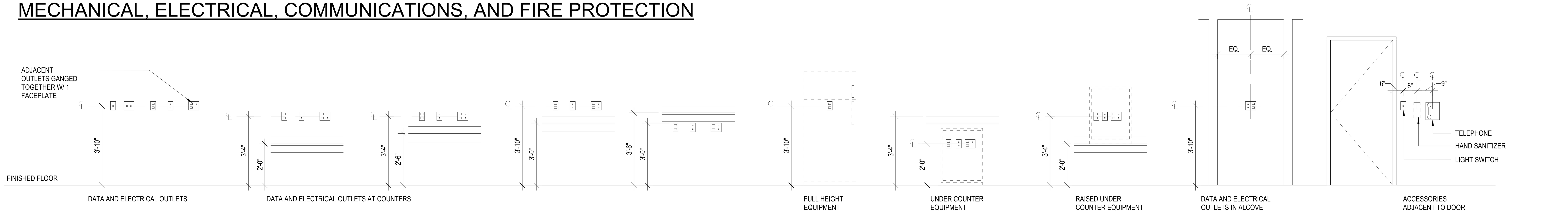
G-104

PLUMBING & ACCESSORIES



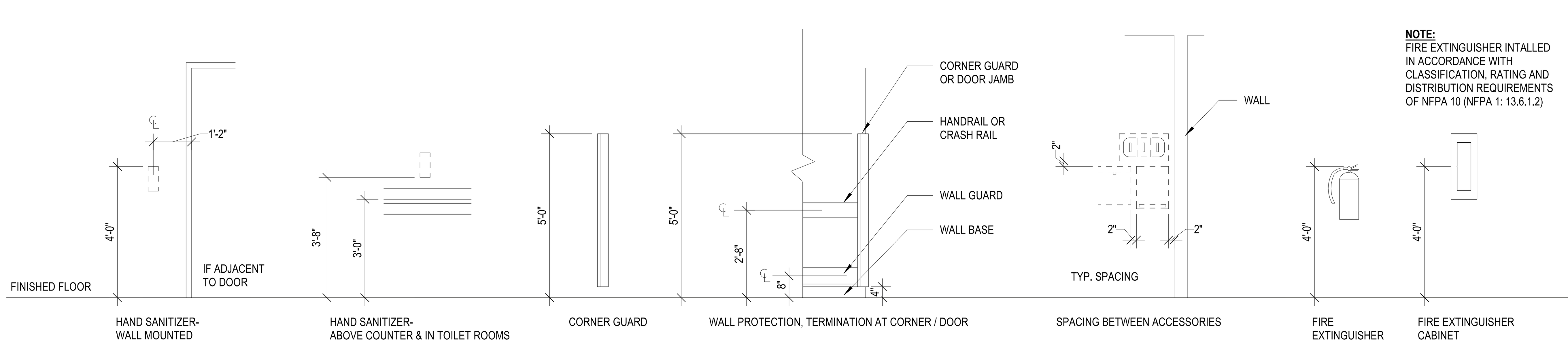


MECHANICAL, ELECTRICAL, COMMUNICATIONS, AND FIRE PROTECTION

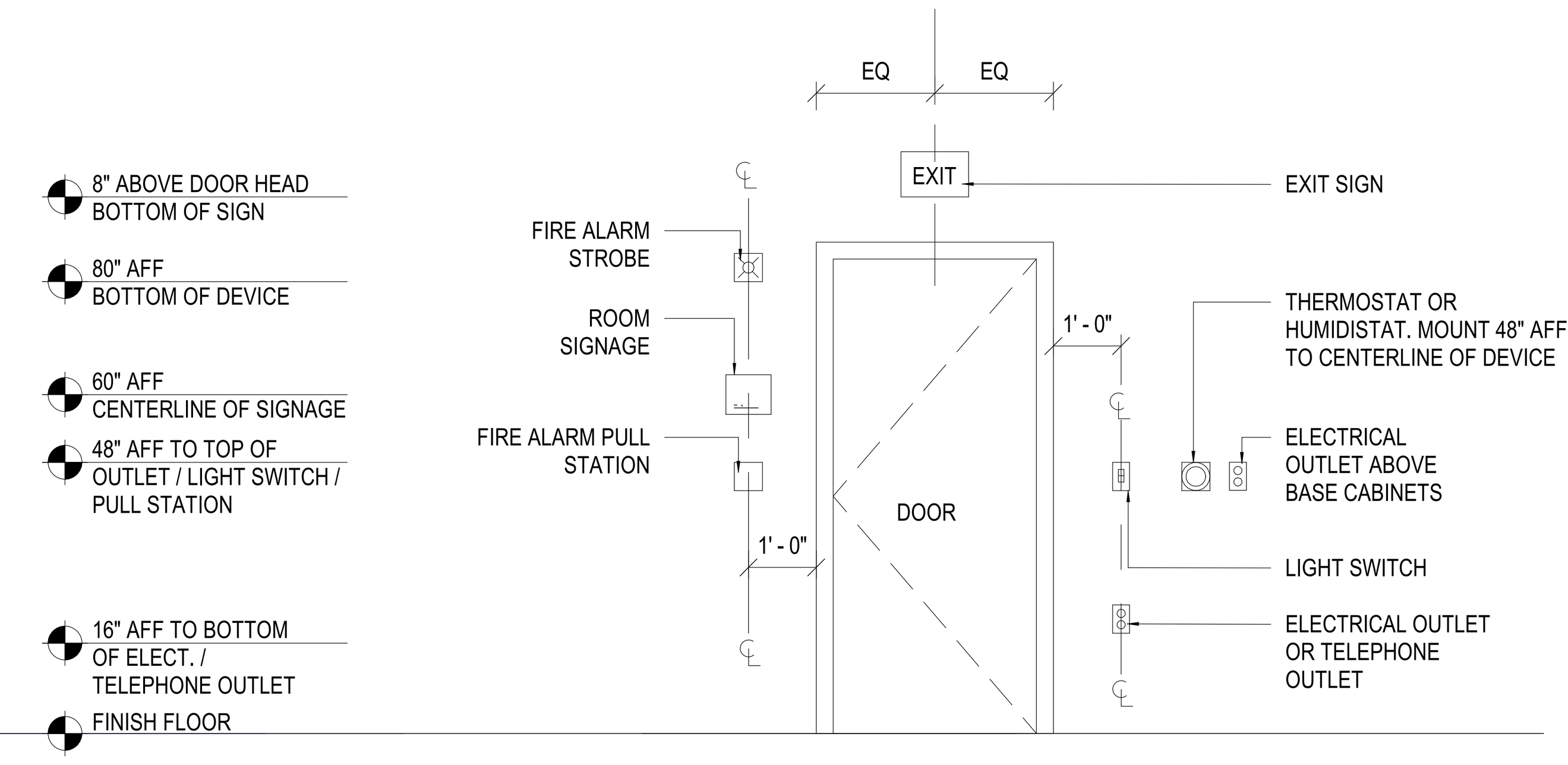


ACCESSORIES

WALL PROTECTION



TYPICAL DEVICE PLACEMENT



SANITARY ACCESSORIES LIST

ABBREVIATIONS	DESCRIPTIONS
CH	COAT HOOK
DCS	DIAPER CHANGING STATION
HD	HAND DRYER
PTD	PAPER TOWEL DISPENSER
PTDR	PAPER TOWEL DISPENSER / WASTE RECEPTACLE
SD	SOAP DISPENSER
SND	SANITARY NAPKIN DISPENSER
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SS	SHOWER SEAT
TS	TOILETRY SHELF
TTD	TOILET TISSUE DISPENSER
TSCD	TOILET SEAT COVER DISPENSER
TTD/TSCD	TOILET TISSUE DISPENSER / TOILET SEAT COVER DISPENSER
WR	WASTE RECEPTACLE
MR	MIRROR

NOTE:
ALL FIXTURES AND ACCESSORIES ARE TO BE MOUNTED TO COMPLY WITH FLORIDA PLUMBING, ELECTRICAL, MECHANICAL AND ACCESSIBILITY CODE.

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DISTRIBUTION

MILESTONE	DATE
PERMIT SET	5-7-2020

MOUNTING HEIGHTS

G-105

UL Product iQ™

BXUV.U419

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

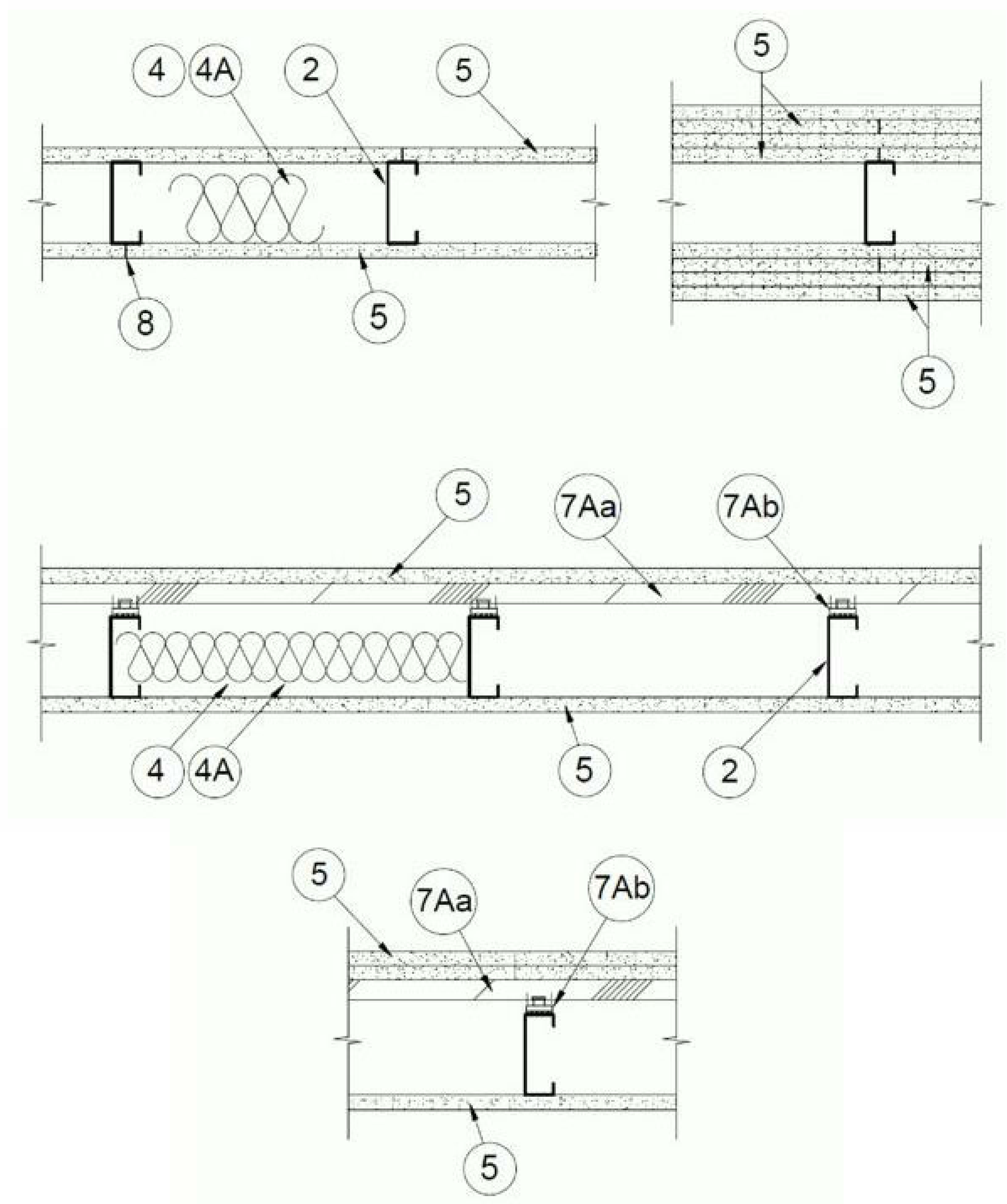
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U419

April 17, 2020

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5K)

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Floor and Ceiling Runners** — (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. **Framing Members* — Floor and Ceiling Runner** — Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™ Track

CRACO MFG INC — SmartTrack25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

FUSION BUILDING PRODUCTS — Viper25™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper25™ Track

1B. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

FUSION BUILDING PRODUCTS — Viper20™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1C. **Framing Members* — Floor and Ceiling Runners —** (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC. max.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

1D. **Floor and Ceiling Runners —** (Not Shown) — For use with Item 2A — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1E. **Framing Members* — Floor and Ceiling Runners —** (Not Shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.
CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWBS L L C — ProTRAK

MBA METAL FRAMING — ProTRAK

RAM SALES L L C — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK

1F. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, minimum width to accommodate stud size, with 1- 1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
SUPER STUD BUILDING PRODUCTS — The Edge

1G. **Framing Members* — Floor and Ceiling Runner —** For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max.
STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. **Floor and Ceiling Runners —** (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.018 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100

FUSION BUILDING PRODUCTS — Viper20™ Track VT100

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track VT100

1I. **Framing Members* — Floor and Ceiling Runners —** (Not Shown, As an alternate to Item 1) — For use with Items 2H, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.
TELLING INDUSTRIES L L C — TRUE-TRACK™

1J. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2I, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.
TELLING INDUSTRIES L L C — Viper25™ Track

1K. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
TELLING INDUSTRIES L L C — Viper20™ Track

1L. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min. 3-1/2 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
STEEL INVESTMENT GROUP L L C — AlphaTRAK

1M. **Framing Members* — Floor and Ceiling Runners —** Not Shown — As an alternate to Item 1 — For use with Item 2O, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
RONDO BUILDING SERVICES PTY LTD — Rondo Wall Track

1N. **Framing Members* — Floor and Ceiling Runners —** Not Shown — As an alternate to Item 1 — For use with Item 2P, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
OEG BUILDING MATERIALS — OEG Track

1O. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2Q, proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X Track

2. **Steel Studs —** Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2A. **Steel Studs —** (As an alternate to Item 2, For use with Items 5B, 5E, 5H, 5J and 5K) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2B. **Framing Members* - Steel Studs —** (As an alternate to Item 2, For use with Items 5C, 5I or 5K) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™

CRACO MFG INC — SmartStud25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

FUSION BUILDING PRODUCTS — Viper25™

IMPERIAL MANUFACTURING GROUP INC — Viper25™

2C. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

FUSION BUILDING PRODUCTS — Viper20™

IMPERIAL MANUFACTURING GROUP INC — Viper20™

2D. **Framing Members* — Steel Studs —** In lieu of Item 2 — Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

2E. **Framing Members* — Steel Studs —** (Not Shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I or 5K only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA METAL FRAMING — ProSTUD

RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2F. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights.
SUPER STUD BUILDING PRODUCTS — The Edge

2G. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height.
STUDCO BUILDING SYSTEMS — CROCSTUD

2H. **Framing Members* — Steel Studs —** (Not Shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
TELLING INDUSTRIES L L C — TRUE-STUD™

2I. **Framing Members* — Steel Studs —** (As an alternate to Item 2, For use with Items 5C or 5L or 5K) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.
TELLING INDUSTRIES L L C — Viper25™

2J. **Framing Members* — Metal Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights
TELLING INDUSTRIES L L C — Viper20™

2K. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
EB METAL INC — NITROSTUD

2L. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
OLMAR SUPPLY INC — PRIMESTUD

2M. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2N. **Framing Members*— Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height.
STEEL INVESTMENT GROUP L L C — AlphaSTUD

2O. **Framing Members* — Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.
RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud

2P. **Framing Members* — Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.
OEG BUILDING MATERIALS — OEG Stud

2Q. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — For use with Item 1O, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X

3. **Wood Structural Panel Sheathing —** (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.

4. **Batts and Blankets* —** (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5.

See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4A. **Batts and Blankets* —** (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.
See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4B. **Batts and Blankets* —** For use with Item 5K. Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.
See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4C. **Fiber, Sprayed* —** (Optional) and as an alternate to Batts and Blankets (Item 4B) where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with adhesive at a minimum density of 4.0 pcf to completely fill the wall cavity in accordance with the application instructions supplied with the product. See **Fiber, Sprayed** (CCAZ).
AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

5. **Gypsum Board* —** Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	3-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	2 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE

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AA0002277

THEA TMC OFFICE RENOVATION
1104 E TWIGGS ST. TAMPA, FL 33602

Project number
1924

DISTRIBUTION

MILESTONE	DATE
PERMIT SET	5-7-2020

UL LISTINGS

G-106

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, **Steel Framing Members***, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

5A. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.
CGC INC — Type SHX.

UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

5B. **Gypsum Board* —** (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12).
RAY-BAR ENGINEERING CORP — Type RB-LBG

5C. **Gypsum Board* —** (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.
CGC INC — Type SCX.

UNITED STATES GYPSUM CO — Type SCX, SGX.

USG BORAL DRYWALL SFZ LLC — Type SCX

USG MEXICO S A DE C V — Type SCX

5D. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only.
CGC INC — Type USGX

UNITED STATES GYPSUM CO — Type USGX

USG BORAL DRYWALL SFZ LLC — Type USGX

USG MEXICO S A DE C V — Type USGX

5E. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.
NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5F. **Gypsum Board* —** (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.
UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX

USG BORAL DRYWALL SFZ LLC — 5/8 in. thick Type SCX, SGX

5G. **Gypsum Board* —** (As an alternate to Item 5) — For use with Items 1E and 2E only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Item 2E	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR;, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR, ULIX; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

5H. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A).
MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

5I. **Gypsum Board* —** (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.
CGC INC — Type ULX

UNITED STATES GYPSUM CO — Type ULX

USG MEXICO S A DE C V — Type ULX

5J. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".
RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

5K. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) need not be staggered. The number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2 through 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4B)
1	3-5/8	1 layer, 5/8 in. thick	3-1/2 in.
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional

UNITED STATES GYPSUM CO — 5/8 in. thick Type ULIX

6. **Fasteners —** (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer.**Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

7. **Furring Channels —** (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A.

7A. **Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

7B. **Framing Members* —** (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring channels and Steel Framing Members on only one side of studs as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips.
KINETICS NOISE CONTROL INC — Type Isomax

7C. **Framing Members* —** (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Ca) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.
PLITEQ INC — Type GENIECLIP

7D. **Steel Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire.. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Da) to studs. Clips spaced 48 in. OC., and secured to studs with 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips
STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

7E. **Steel Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — Furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 7Eb. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire.. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Ea) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.
REGUPOL AMERICA — Type SonusClip

7F. **Steel Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — Resilient channels and Steel Framing Members as described below:

a. **Resilient Channels —** Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 5. Not for use with Item 5A and 5E.

b. **Steel Framing Members* —** Used to attach resilient channels (Item 7Fa) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.

KEENE BUILDING PRODUCTS CO INC — Type RC+ Assurance Clip

7G. **Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. or 1-1/2 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Ga) to studs (Item 2). Clips spaced max. 48 in. OC. Clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips.
CLARKDIETRICH BUILDING SYSTEMS — Type ClarkDietrich Sound Clip

8. **Joint Tape and Compound —** Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.

9. **Siding, Brick or Stucco —** (Optional, Not Shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

10. **Caulking and Sealants* —** (Optional, Not Shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.
UNITED STATES GYPSUM CO — Type AS

11. **Lead Batten Strips —** (Not Shown, For Use With Item 5B) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5B) and optional at remaining stud locations. Required behind vertical joints.

11A. **Lead Batten Strips —** (Not Shown, For Use With Item 5H) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations.

12. **Lead Discs or Tabs —** (Not Shown, For Use With Item 5B) — Used in lieu of or in addition to the lead batten strips (Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

12A. **Lead Discs —** (Not Shown, for use with Item 5H) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

13. **Lead Batten Strips —** (Not Shown, For Use With Item 5E) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5E) and optional at remaining stud locations.

14. **Lead Tabs —** (Not Shown, For Use With Item 5E) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

15. **Barrier Mesh —** (Optional, Not Shown) - Attached to steel studs on one or both sides of the wall using Barrier Mesh Clips spaced at maximum 12 inches on center vertically, using a flat head type screw penetrating through the steel at least 3/8 of an inch. For Steel Studs less than 0.033 inches in thickness, use self-piercing screws. For Steel Studs equal to or greater than 0.033 inches in thickness, use steel drill screws (self-tapping). Gypsum Board (Item 5) to be installed directly over the Barrier Mesh using prescribed screw patterns with lengths increased by a minimum 1/8 in. Barrier Mesh may be installed with the long dimension of the diamond pattern positioned vertically or horizontally. Barrier Mesh joints may occur as butt joints at the framing members and secured using the Barrier Mesh Clips or occur in between framing members as overlapping joints secured using 18 SWG wire ties spaced a maximum 12 in. on center.
CLARKDIETRICH BUILDING SYSTEMS — Barrier Mesh, Barrier Mesh Clips

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2020-04-17

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Project number
1924

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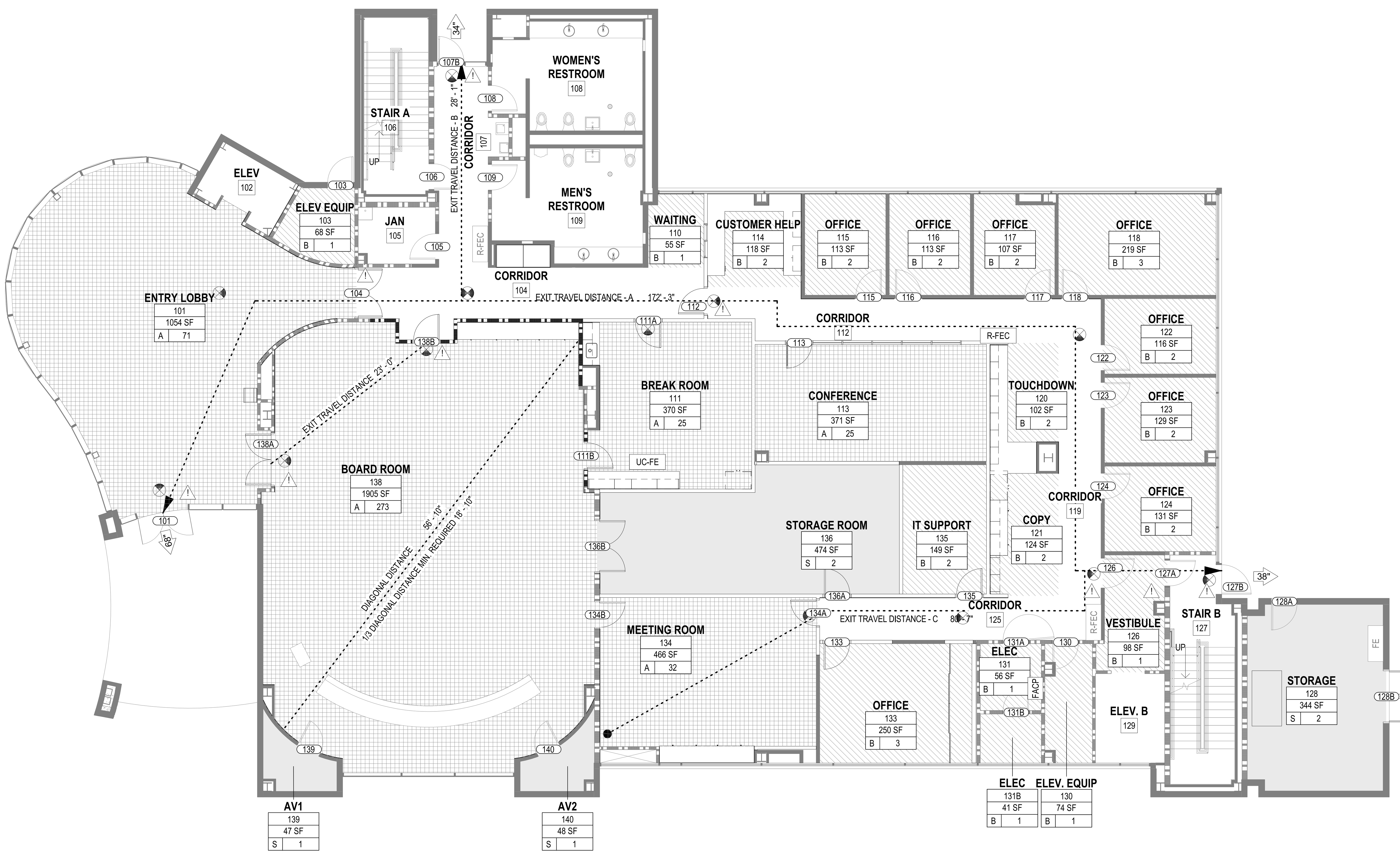
PERMIT SET	5-7-2020

UL LISTINGS

G-107



1 LEVEL 1 - LIFE SAFETY PLAN
1/8" = 1'-0"

LIFE SAFETY GENERAL NOTES

1. REFER CODE ANALYSIS SHEET G-103 FOR INTERIOR FINISH FLAME SPREAD RATING CLASSIFICATION.
2. VERIFY LOCATIONS FOR FIRE ALARM PULL STATIONS, FIRE ALARM ANNUNCIATOR PANEL, FIRE ALARM REMOTE CONTROL PANEL, EMERGENCY LIGHTING , STROBES AND AUDIBLE ALERTS.
3. INSTALL FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10 BY A LICENSED FIRE EQUIPMENT DEALER. INSPECT, TAG, AND MOUNT ALL FIRE EXTINGUISHERS. SEE LOCATION IN PLAN.
4. ALL PANIC AND FIRE EXIT HARDWARE TO BE COMPLIANT WITH FBC SECTION 1008.1.10. VERIFY ALL EXISTING LOCATIONS ARE AS REPRESENTED ON DRAWINGS.
5. ALL ACCESS-CONTROLLED EGRESS DOORS TO BE COMPLIANT WITH FBC SECTION 100.1.4.4
6. SEE FIRE PROTECTION DRAWINGS AND SPECIFICATIONS FOR SPRINKLER LAYOUT.
7. THRESHOLDS FOR ALL EXTERIOR DOORS CANNOT EXCEED 1/4" IN HEIGHT.
8. FINAL EXIT SIGNS AND EMERGENCY LIGHTING LOCATIONS ARE SUBJECT TO THE APPROVAL OF THE GOVERNING JURISDICTION. REFER SHEET G-105 FOR MOUNTING HEIGHTS U.N.O. BY FIRE MARSHAL. APPLICABLE SIGNAGE SHALL BE PROVIDED BY CONTRACTOR AND COORDINATED WITH OTHER BUILDING SIGNAGE. REFER TO FBC SECTION 1013.4 FOR RAISED CHARACTER AND BRAILLE EXIT SIGN REQUIREMENTS.
9. IF GOVERNING JURISDICTION RELOCATES ELEMENTS FROM ARCHITECTURAL SPECIFICATION, INFORM ARCHITECT, OWNER, AND AHJ PRIOR TO INSTALLATION. FIELD REVISED INFORMATION MUST BE INCLUDED IN "AS BUILT" DOCUMENTATION.
10. EMERGENCY FIXTURES SHALL BE TIED TO GENERATOR W/ TEST DOCUMENTATION PROVIDED TO ARCHITECT PRIOR TO SUBSTANTIAL COMPLETION.
11. FIRE DIVISIONS SHALL BE CONTINUOUS THROUGH ANY CONCEALED SPACE IN FLOOR OR ROOF CONSTRUCTIONS.
12. CONCEALED SPACES WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STAIRS, FURRED PIPE SPACES, COLUMN ENCLOSURES, ETC. SHALL BE FIRESTOPPED.
13. PATCH ALL FIREPROOFING DAMAGED DURING CONSTRUCTION. RESTORE INTEGRITY OF FIREPROOFING AS REQUIRED BY BUILDING AND FIRE CODES AS REQUIRED BY GOVERNING AUTHORITIES.
14. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE SEALED AS REQUIRED BY BUILDING AND FIRE CODES AND AS BY GOVERNING AUTHORITIES.
15. CARD READERS MUST COMPLY WITH THE REQUIREMENTS OF NFPA 101 Ch. 7.2.1.6.2.
16. POWER OPERATED DOORS LOCATED ALONG A MEANS OF EGRESS MUST ALLOW MANUAL EGRESS UPON POWER FAILURE PER FBC 1008.1.4.2.

LIFE SAFETY PLAN LEGEND

*COORDINATE ITEMS W/ ELECTRICAL AS REQUIRED

- ILLUMINATED (DIRECTIONAL) EXIT SIGN
- FACP — FIRE ALARM CONTROL PANEL
- X-FEC — FIRE EXTINGUISHER (PREFIX INDICATES SEMI RECESSED, RECESSED, UC-UNDER COUNTER, OR NONE FOR WALL MOUNTED)
- OL — OCCUPANCY LOAD SIGN. SEE DETAIL 2 THIS SHEET.
- 1001X — DOOR TAG. SEE SCHEDULE SHEET Ax.x.
- ! — DOOR EXIT DEVICE (PANIC HARDWARE)
- 1-HR FIRE SEPARATION
- -xx'- TOTAL EXIT ACCESS TRAVEL DISTANCE (FEET)
- -xx'- TOTAL COMMON PATH OF TRAVEL (FEET)
- XX — EGRESS DOOR or STAIR EXIT WIDTH (INCHES)

OCCUPANT LOAD KEY

- NON ASSIGNABLE SQ FOOTAGE
- ASSEMBLY
- BUSINESS
- STORAGE/ MECHANICAL

ROOM TAG

Room name

101	← ROOM NUMBER
150 SF	← ROOM AREA
B | XX	← OCCUPANCY TYPE | OCCUPANT COUNT

EGRESS WIDTH - LEVEL 1

PER SECTION 1005, FBC, BUILDING

OCCUPANT LOAD LEVEL 1	DOOR		
	DOOR (INCHES PER OCCUPANT)	DOOR WIDTH REQUIRED (INCHES)	DOOR WIDTH PROVIDED (INCHES)
250	0.15	38	208

OCCUPANCY COUNT - LEVEL 1

NUMBER	ROOM NAME	AREA	OCCUPANCY TYPE	FUNCTION	SQFT PER PERSON	OCCUPANT TOTAL
A						
101	ENTRY LOBBY	1054 SF	A	ASSEMBLY UNCONCENTRATED	15	71
111	BREAK ROOM	370 SF	A	BUSINESS	15	25
113	CONFERENCE	371 SF	A	BUSINESS	15	25
134	MEETING ROOM	466 SF	A	BUSINESS	15	32
138	BOARD ROOM	1905 SF	A	ASSEMBLY UNCONCENTRATED	7	273
		4166 SF				426
B						
103	ELEV EQUIP	68 SF	B	EQUIPMENT	300	1
110	WAITING	55 SF	B	BUSINESS	100	1
114	CUSTOMER HELP	118 SF	B	BUSINESS	100	2
115	OFFICE	113 SF	B	BUSINESS	100	2
116	OFFICE	113 SF	B	BUSINESS	100	2
117	OFFICE	107 SF	B	BUSINESS	100	2
118	OFFICE	219 SF	B	BUSINESS	100	3
120	TOUCHDOWN	102 SF	B	BUSINESS	100	2
121	COPY	124 SF	B	BUSINESS	100	2
122	OFFICE	116 SF	B	BUSINESS	100	2
123	OFFICE	129 SF	B	BUSINESS	100	2
124	OFFICE	131 SF	B	BUSINESS	100	2
126	VESTIBULE	98 SF	B	BUSINESS	100	1
130	ELEV. EQUIP	74 SF	B	EQUIPMENT	300	1
131	ELEC	56 SF	B	ELECTRICAL	300	1
131B	ELEC	41 SF	B	ELECTRICAL	300	1
133	OFFICE	250 SF	B	BUSINESS	100	3
135	IT SUPPORT	149 SF	B	BUSINESS	100	2
		2065 SF				32
S						
128	STORAGE	344 SF	S	STORAGE	300	2
136	STORAGE ROOM	474 SF	S	STORAGE	300	2
139	AV1	47 SF	S	STORAGE	300	1
140	AV2	48 SF	S	STORAGE	300	1
		912 SF				6
Grand total: 27		7144 SF				464

1ST FLOOR GSF = 10,048 SF

ALL OTHER AREAS AND ROOMS NOT INCLUDED IN THE TABLE ABOVE ARE UNOCCUPIABLE SPACES INCLUDING RESTROOMS CORRIDORS, AV CLOSETS, ETC.

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REV 1	8-7-2020

LEVEL 1 - LIFE SAFETY PLAN

B-101

LIFE SAFETY GENERAL NOTES

1. REFER CODE ANALYSIS SHEET G-103 FOR INTERIOR FINISH FLAME SPREAD RATING CLASSIFICATION.
2. VERIFY LOCATIONS FOR FIRE ALARM PULL STATIONS, FIRE ALARM ANNUNCIATOR PANEL, FIRE ALARM REMOTE CONTROL PANEL, EMERGENCY LIGHTING , STROBES AND AUDIBLE ALERTS.
3. INSTALL FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10 BY A LICENSED FIRE EQUIPMENT DEALER. INSPECT, TAG, AND MOUNT ALL FIRE EXTINGUISHERS. SEE LOCATION IN PLAN.
4. ALL PANIC AND FIRE EXIT HARDWARE TO BE COMPLIANT WITH FBC SECTION 1008.1.10. VERIFY ALL EXISTING LOCATIONS ARE AS REPRESENTED ON DRAWINGS.
5. ALL ACCESS-CONTROLLED EGRESS DOORS TO BE COMPLIANT WITH FBC SECTION 100.1.4.4
6. SEE FIRE PROTECTION DRAWINGS AND SPECIFICATIONS FOR SPRINKLER LAYOUT.
7. THRESHOLDS FOR ALL EXTERIOR DOORS CANNOT EXCEED 1/4" IN HEIGHT.
8. FINAL EXIT SIGNS AND EMERGENCY LIGHTING LOCATIONS ARE SUBJECT TO THE APPROVAL OF THE GOVERNING JURISDICTION. REFER SHEET G-105 FOR MOUNTING HEIGHTS U.N.O. BY FIRE MARSHAL. APPLICABLE SIGNAGE SHALL BE PROVIDED BY CONTRACTOR AND COORDINATED WITH OTHER BUILDING SIGNAGE. REFER TO FBC SECTION 1013.4 FOR RAISED CHARACTER AND BRAILLE EXIT SIGN REQUIREMENTS.
9. IF GOVERNING JURISDICTION RELOCATES ELEMENTS FROM ARCHITECTURAL SPECIFICATION, INFORM ARCHITECT, OWNER, AND AHJ PRIOR TO INSTALLATION. FIELD REVISED INFORMATION MUST BE INCLUDED IN "AS BUILT" DOCUMENTATION.
10. EMERGENCY FIXTURES SHALL BE TIED TO GENERATOR W/ TEST DOCUMENTATION PROVIDED TO ARCHITECT PRIOR TO SUBSTANTIAL COMPLETION.
11. FIRE DIVISIONS SHALL BE CONTINUOUS THROUGH ANY CONCEALED SPACE IN FLOOR OR ROOF CONSTRUCTIONS.
12. CONCEALED SPACES WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STAIRS, FURRED PIPE SPACES, COLUMN ENCLOSURES, ETC. SHALL BE FIRESTOPPED.
13. PATCH ALL FIREPROOFING DAMAGED DURING CONSTRUCTION. RESTORE INTEGRITY OF FIREPROOFING AS REQUIRED BY BUILDING AND FIRE CODES AS REQUIRED BY GOVERNING AUTHORITIES.
14. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE SEALED AS REQUIRED BY BUILDING AND FIRE CODES AND AS BY GOVERNING AUTHORITIES.
15. CARD READERS MUST COMPLY WITH THE REQUIREMENTS OF NFPA 101 Ch. 7.2.1.6.2.
16. POWER OPERATED DOORS LOCATED ALONG A MEANS OF EGRESS MUST ALLOW MANUAL EGRESS UPON POWER FAILURE PER FBC 1008.1.4.2.

LIFE SAFETY PLAN LEGEND

*COORDINATE ITEMS W/ ELECTRICAL AS REQUIRED

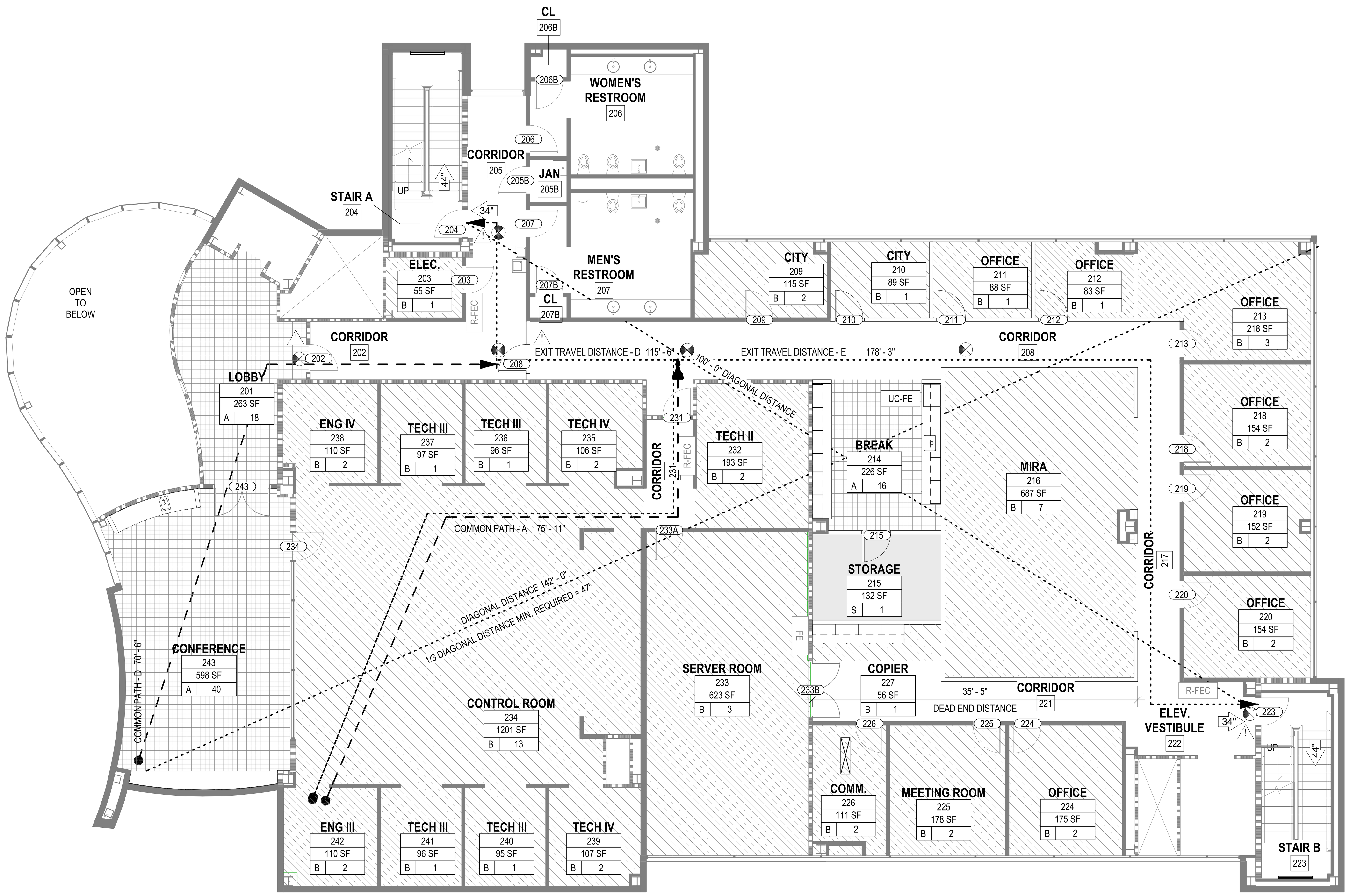
- ILLUMINATED (DIRECTIONAL) EXIT SIGN
- FACP — FIRE ALARM CONTROL PANEL
- X-FEC — FIRE EXTINGUISHER (PREFIX INDICATES SEMI RECESSED, RECESSED, UC-UNDER COUNTER, OR NONE FOR WALL MOUNTED)
- OL — OCCUPANCY LOAD SIGN. SEE DETAIL 2 THIS SHEET.
- 1001X — DOOR TAG. SEE SCHEDULE SHEET Ax.x.
- DOOR EXIT DEVICE (PANIC HARDWARE)
- 1-HR FIRE SEPARATION
- -xx'- TOTAL EXIT ACCESS TRAVEL DISTANCE (FEET)
- -xx'- TOTAL COMMON PATH OF TRAVEL (FEET)
- XX — EGRESS DOOR or STAIR EXIT WIDTH (INCHES)

OCCUPANT LOAD KEY

- NON ASSIGNABLE SQ FOOTAGE
- ASSEMBLY
- BUSINESS
- STORAGE/ MECHANICAL

ROOM TAG

Room name
101 — ROOM NUMBER
150 SF — ROOM AREA
B | XX — OCCUPANCY TYPE | OCCUPANT COUNT



1 LEVEL 2 - LIFE SAFETY PLAN
1/8" = 1'-0"

EGRESS WIDTH - LEVEL 2

PER SECTION 1005, FBC, BUILDING

	DOOR			STAIRWAY		
OCCUPANT LOAD	DOOR (INCHES PER OCCUPANT)	DOOR WIDTH REQUIRED (INCHES)	DOOR WIDTH PROVIDED (INCHES)	STAIRWAY (INCHES PER OCCUPANT)	STAIRWAY WIDTH REQUIRED (INCHES)	STAIRWAY WIDTH PROVIDED (INCHES)
72	0.15	11	68	0.2	15	88

OCCUPANCY COUNT- LEVEL 2

NUMBER	ROOM NAME	AREA	OCCUPANCY TYPE	FUNCTION	SQFT PER PERSON	OCCUPANT TOTAL
A						
201	LOBBY	263 SF	A	BUSINESS	15	18
214	BREAK	226 SF	A	BUSINESS	15	16
243	CONFERENCE	598 SF	A	BUSINESS	15	40
		1088 SF				74
B						
203	ELEC.	55 SF	B	ELECTRICAL	300	1
209	CITY	115 SF	B	BUSINESS	100	2
210	CITY	89 SF	B	BUSINESS	100	1
211	OFFICE	88 SF	B	BUSINESS	100	1
212	OFFICE	83 SF	B	BUSINESS	100	1
213	OFFICE	218 SF	B	BUSINESS	100	3
216	MIRA	687 SF	B	BUSINESS	100	7
218	OFFICE	154 SF	B	BUSINESS	100	2
219	OFFICE	152 SF	B	BUSINESS	100	2
220	OFFICE	154 SF	B	BUSINESS	100	2
224	OFFICE	175 SF	B	BUSINESS	100	2
225	MEETING ROOM	178 SF	B	BUSINESS	100	2
226	COMM.	111 SF	B	BUSINESS	100	2
227	COPIER	56 SF	B	BUSINESS	100	1
232	TECH II	193 SF	B	BUSINESS	100	2
233	SERVER ROOM	623 SF	B	EQUIPMENT	300	3
234	CONTROL ROOM	1201 SF	B	BUSINESS	100	13
235	TECH IV	106 SF	B	BUSINESS	100	2
236	TECH III	96 SF	B	BUSINESS	100	1
237	TECH III	97 SF	B	BUSINESS	100	1
238	ENG IV	110 SF	B	BUSINESS	100	2
239	TECH IV	107 SF	B	BUSINESS	100	2
240	TECH III	95 SF	B	BUSINESS	100	1
241	TECH III	96 SF	B	BUSINESS	100	1
242	ENG III	110 SF	B	BUSINESS	100	2
		5149 SF				59
S						
215	STORAGE	132 SF	S	STORAGE	300	1
		132 SF				1
Grand total: 29		6368 SF				134

2ND FLOOR GSF = 9,278 SF

ALL OTHER AREAS AND ROOMS NOT INCLUDED IN THE TABLE ABOVE ARE UNOCCUPIABLE SPACES INCLUDING RESTROOMS CORRIDORS, AV CLOSETS, ETC.

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REV 1	8-7-2020

LEVEL 2 - LIFE SAFETY PLAN

B-102

LIFE SAFETY GENERAL NOTES

1. REFER CODE ANALYSIS SHEET G-103 FOR INTERIOR FINISH FLAME SPREAD RATING CLASSIFICATION.
2. VERIFY LOCATIONS FOR FIRE ALARM PULL STATIONS, FIRE ALARM ANNUNCIATOR PANEL, FIRE ALARM REMOTE CONTROL PANEL, EMERGENCY LIGHTING , STROBES AND AUDIBLE ALERTS.
3. INSTALL FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10 BY A LICENSED FIRE EQUIPMENT DEALER. INSPECT, TAG, AND MOUNT ALL FIRE EXTINGUISHERS. SEE LOCATION IN PLAN.
4. ALL PANIC AND FIRE EXIT HARDWARE TO BE COMPLIANT WITH FBC SECTION 1008.1.10. VERIFY ALL EXISTING LOCATIONS ARE AS REPRESENTED ON DRAWINGS.
5. ALL ACCESS-CONTROLLED EGRESS DOORS TO BE COMPLIANT WITH FBC SECTION 100.1.4.4
6. SEE FIRE PROTECTION DRAWINGS AND SPECIFICATIONS FOR SPRINKLER LAYOUT.
7. THRESHOLDS FOR ALL EXTERIOR DOORS CANNOT EXCEED 1/4" IN HEIGHT.
8. FINAL EXIT SIGNS AND EMERGENCY LIGHTING LOCATIONS ARE SUBJECT TO THE APPROVAL OF THE GOVERNING JURISDICTION. REFER SHEET G-105 FOR MOUNTING HEIGHTS U.N.O. BY FIRE MARSHAL. APPLICABLE SIGNAGE SHALL BE PROVIDED BY CONTRACTOR AND COORDINATED WITH OTHER BUILDING SIGNAGE. REFER TO FBC SECTION 1013.4 FOR RAISED CHARACTER AND BRAILLE EXIT SIGN REQUIREMENTS.
9. IF GOVERNING JURISDICTION RELOCATES ELEMENTS FROM ARCHITECTURAL SPECIFICATION, INFORM ARCHITECT, OWNER, AND AHJ PRIOR TO INSTALLATION. FIELD REVISED INFORMATION MUST BE INCLUDED IN "AS BUILT" DOCUMENTATION.
10. EMERGENCY FIXTURES SHALL BE TIED TO GENERATOR W/ TEST DOCUMENTATION PROVIDED TO ARCHITECT PRIOR TO SUBSTANTIAL COMPLETION.
11. FIRE DIVISIONS SHALL BE CONTINUOUS THROUGH ANY CONCEALED SPACE IN FLOOR OR ROOF CONSTRUCTIONS.
12. CONCEALED SPACES WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STAIRS, FURRED PIPE SPACES, COLUMN ENCLOSURES, ETC. SHALL BE FIRESTOPPED.
13. PATCH ALL FIREPROOFING DAMAGED DURING CONSTRUCTION. RESTORE INTEGRITY OF FIREPROOFING AS REQUIRED BY BUILDING AND FIRE CODES AS REQUIRED BY GOVERNING AUTHORITIES.
14. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE SEALED AS REQUIRED BY BUILDING AND FIRE CODES AND AS BY GOVERNING AUTHORITIES.
15. CARD READERS MUST COMPLY WITH THE REQUIREMENTS OF NFPA 101 Ch. 7.2.1.6.2.
16. POWER OPERATED DOORS LOCATED ALONG A MEANS OF EGRESS MUST ALLOW MANUAL EGRESS UPON POWER FAILURE PER FBC 1008.1.4.2.

LIFE SAFETY PLAN LEGEND

*COORDINATE ITEMS W/ ELECTRICAL AS REQUIRED

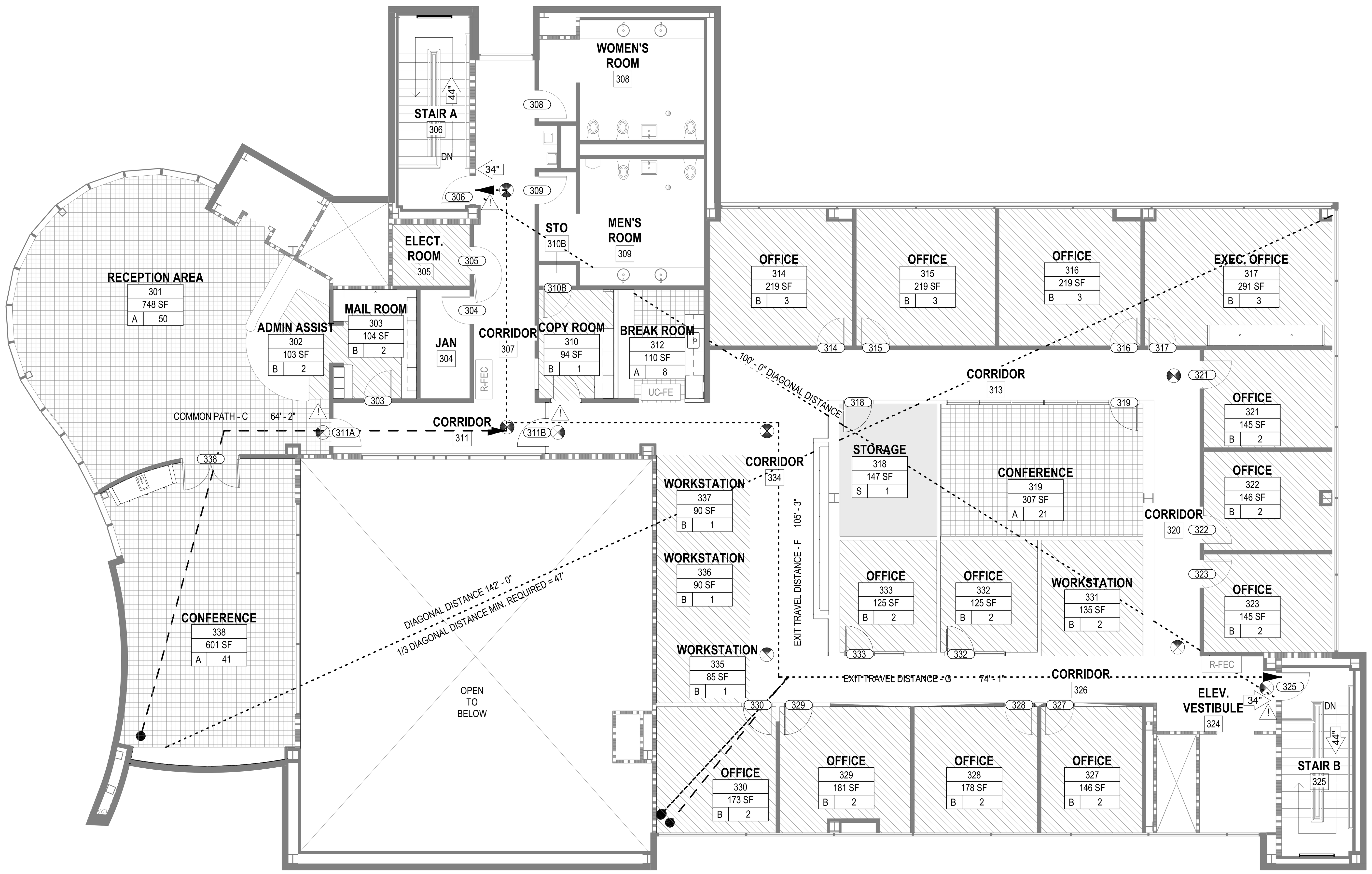
- ILLUMINATED (DIRECTIONAL) EXIT SIGN
- FACP — FIRE ALARM CONTROL PANEL
- X-FEC — FIRE EXTINGUISHER (PREFIX INDICATES SEMI RECESSED, RECESSED, UC-UNDER COUNTER, OR NONE FOR WALL MOUNTED)
- OL — OCCUPANCY LOAD SIGN. SEE DETAIL 2 THIS SHEET.
- (1001X) — DOOR TAG. SEE SCHEDULE SHEET Ax.x.
- DOOR EXIT DEVICE (PANIC HARDWARE)
- 1-HR FIRE SEPARATION
- -xx'- TOTAL EXIT ACCESS TRAVEL DISTANCE (FEET)
- -xx'- TOTAL COMMON PATH OF TRAVEL (FEET)
- XX" EGRESS DOOR or STAIR EXIT WIDTH (INCHES)

OCCUPANT LOAD KEY

- NON ASSIGNABLE SQ FOOTAGE
- ASSEMBLY
- BUSINESS
- STORAGE/ MECHANICAL

ROOM TAG

Room name
101 — ROOM NUMBER
150 SF — ROOM AREA
B | XX — OCCUPANCY TYPE | OCCUPANT COUNT



1 LEVEL 3 - LIFE SAFETY PLAN
1/8" = 1'-0"

EGRESS WIDTH - LEVEL 3

PER SECTION 1005, FBC, BUILDING

	DOOR			STAIRWAY		
OCCUPANT LOAD	DOOR (INCHES PER OCCUPANT)	DOOR WIDTH REQUIRED - LEVEL 3 (INCHES)	DOOR WIDTH PROVIDED (INCHES)	STAIRWAY (INCHES PER OCCUPANT)	STAIRWAY WIDTH REQUIRED (INCHES)	STAIRWAY WIDTH PROVIDED (INCHES)
63	0.15	10	68	0.2	13	88

OCCUPANCY COUNT - LEVEL 3

NUMBER	ROOM NAME	AREA	OCCUPANCY TYPE	FUNCTION	SQFT PER PERSON	OCCUPANT TOTAL
A						
301	RECEPTION AREA	748 SF	A	BUSINESS	15	50
312	BREAK ROOM	110 SF	A	BUSINESS	15	8
319	CONFERENCE	307 SF	A	BUSINESS	15	21
338	CONFERENCE	601 SF	A	BUSINESS	15	41
		1767 SF				120
B						
302	ADMIN ASSIST	103 SF	B	BUSINESS	100	2
303	MAIL ROOM	104 SF	B	BUSINESS	100	2
305	ELECT. ROOM	55 SF	B	ELECTRICAL	300	1
310	COPY ROOM	94 SF	B	BUSINESS	100	1
314	OFFICE	219 SF	B	BUSINESS	100	3
315	OFFICE	219 SF	B	BUSINESS	100	3
316	OFFICE	219 SF	B	BUSINESS	100	3
317	EXEC. OFFICE	291 SF	B	BUSINESS	100	3
321	OFFICE	145 SF	B	BUSINESS	100	2
322	OFFICE	146 SF	B	BUSINESS	100	2
323	OFFICE	145 SF	B	BUSINESS	100	2
327	OFFICE	146 SF	B	BUSINESS	100	2
328	OFFICE	178 SF	B	BUSINESS	100	2
329	OFFICE	181 SF	B	BUSINESS	100	2
330	OFFICE	173 SF	B	BUSINESS	100	2
331	WORKSTATION	135 SF	B	BUSINESS	100	2
332	OFFICE	125 SF	B	BUSINESS	100	2
333	OFFICE	125 SF	B	BUSINESS	100	2
335	WORKSTATION	85 SF	B	BUSINESS	100	1
336	WORKSTATION	90 SF	B	BUSINESS	100	1
337	WORKSTATION	90 SF	B	BUSINESS	100	1
		3066 SF				41
S						
318	STORAGE	147 SF	S	STORAGE	300	1
		147 SF				1
Grand total: 26		4981 SF				162

3RD FLOOR GSF = 8,401 SF

ALL OTHER AREAS AND ROOMS NOT INCLUDED IN THE TABLE ABOVE ARE UNOCCUPIABLE SPACES INCLUDING RESTROOMS CORRIDORS, AV CLOSETS, ETC.

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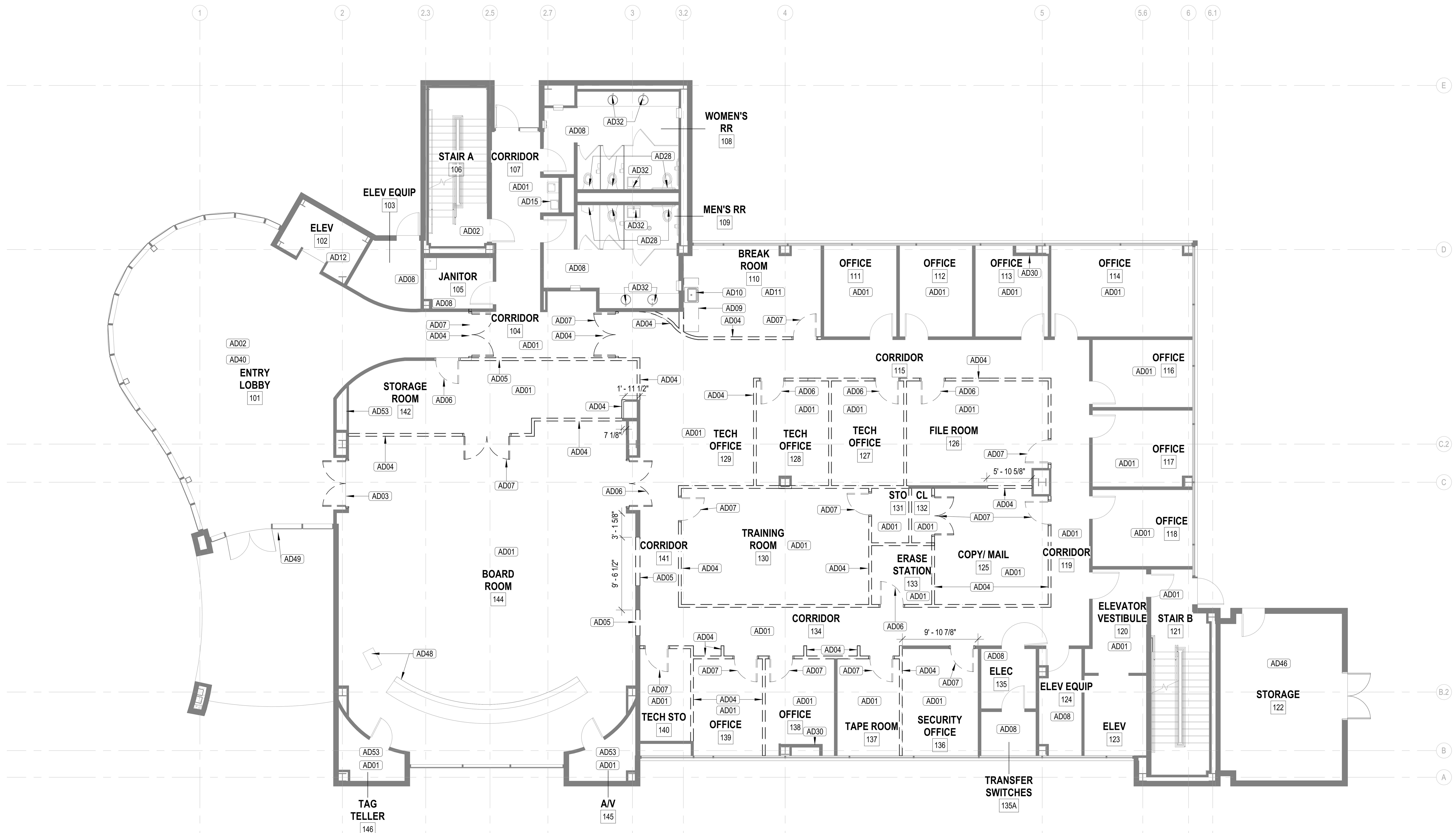
PERMIT SET	5-7-2020
REV 1	8-7-2020

LEVEL 3 - LIFE SAFETY PLAN

B-103



1 LEVEL 1 - DEMO FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES - DEMOLITION

1. ALL DIMENSIONS AND CONDITIONS TO BE FIELD VERIFIED BY CONTRACTOR PRIOR TO WORK, NOTIFY ARCHITECT IF CONFLICTS ARE FOUND.
2. PROTECT ALL AREAS TO REMAIN. CONTRACTOR TO REPAIR OR REPLACE ANY ITEM TO REMAIN OR TO BE RELOCATED THAT IS DAMAGED DURING THE WORK. PROVIDE A SEAMLESS, UNDAMAGED APPEARANCE WHEN JOINING NEW TO EXISTING.
3. REMOVE DASHED PORTION OF EXISTING WALLS, DOORS, WINDOWS, SIDELIGHTS, TRANSOMS, AND FRAMES U.N.O. PREPARE AREA TO RECEIVE NEW CONSTRUCTION AS SCHEDULED. STORE ALL DOORS AND HARDWARE FOR REINSTALLATION AS PART OF NEW SCOPE OF WORK, U.N.O.
4. FIRE RESISTANCE - MAINTAIN INTEGRITY OF EXISTING FIRE AND/OR SMOKE PARTITIONS THROUGHOUT, U.N.O. MAINTAIN INTEGRITY OF ALL EXISTING FIREPROOFING, FIRESTOPPING, COLUMN ENCLOSURES, ETC. TO ENSURE FIRE RESISTANCE MEETS OR EXCEEDS THAT ORIGINALLY REQUIRED OR SPECIFIED, PATCH ALL AREAS DAMAGED OR REMOVED DUE TO NEW CONSTRUCTION TO MATCH THAT OF THE EXISTING OR AS REQUIRED FOR NEW.
5. FINISHES - ALL EXISTING FINISHES SHALL REMAIN, UNLESS SCHEDULED FOR NEW. CONTINUE EXISTING FINISHES TO REMAIN INTO NEW EXTENDED AREAS THAT ARE ADJACENT. PATCH & REPAIR EXISTING TO MATCH NEW. PREPARE SUBSTRATES TO RECEIVE NEW FINISHES WHERE SCHEDULED. FINISH ALL PATCHED OR EXTENDED WALLS TO NEAREST CHANGE OF DIRECTION, WALL TERMINATION, OR INTERSECTION.
6. CONFLICTS - ANY CONFLICT FOUND WITH EXISTING CONDITIONS AND REQUIREMENTS FOR NEW CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT. IF THE CONFLICT AFFECTS THE PROGRESS OF THE WORK, VERIFY WITH THE ARCHITECT THE SOLUTION NECESSARY PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK AND IN A TIMELY FASHION SO AS NOT TO DELAY THE WORK. COORDINATE ALL TRADES TO ASCERTAIN NO FURTHER WORK WILL BE IMPACTED BY THE CONFLICT, OR ITS SOLUTION.
7. SALVAGE ALL EXISTING DOOR PANELS, FRAMES, AND DOOR HARDWARE FOR REUSE.
8. SALVAGE ACOUSTICAL CEILING TILES THAT ARE IN GOOD CONDITION TO BE USED AS REPLACEMENT FOR THOSE EXISTING ACOUSTICAL TILES THAT ARE DAMAGED / STAINED.
9. SALVAGE ALL EXISTING MECHANICAL AIR DIFUSSERS FOR REUSE THAT MEET REQUIREMENTS FOR REUSE IN THE FLORIDA BUILDING CODE.
10. SALVAGE ALL EXISTING FIRE EXTINGUISHERS AND CABINETS FOR REUSE THAT MEET REQUIREMENTS FOR REUSE IN THE FLORIDA BUILDING CODE.
11. SALVAGE AND PROTECT ALL EXISTING EXIT SIGNS FOR REUSE THAT MEET REQUIREMENTS FOR REUSE IN THE FLORIDA BUILDING CODE.
12. ALL EXISTING RESTROOM TOILET ACCESORIES TO REMAIN.
13. ALL EXISTING PLUMBING FIXTURES TO REMAIN.
14. SALVAGE ALL EXISTING AV/IT EQUIPMENT FOR REUSE THAT MEET REQUIREMENTS FOR REUSE IN THE FLORIDA BUILDING CODE - EXISTING SECTION 808.
15. SALVAGE AND PROTECT ALL EXISTING SIGNAGE AND ART FOR REUSE. COORDINATE WITH OWNER.
16. ALL EXISTING CARPET TO BE RECYCLED BY INTERFACE, COORDINATE WITH LOCAL INTERFACE REPRESENTATIVE FOR DETAILS.
17. COORDINATE EXISTING INTERCOMS THROUGHOUT BUILDING WITH OWNER.
18. ALL EXISTING INTERIOR LIGHT FIXTURES TO BE REPLACED.
19. DEMO ALL EXISTING EXIT SIGNS TO BE REPLACED. REFER TO REFLECTED CEILING PLANS FOR LOCATIONS.

LEGEND - DEMOLITION

EXISTING WALL TO REMAIN

EXISTING TO BE REMOVED

EXISTING TO REMAIN

REMOVE ACOUSTICAL CEILING TILE

REMOVE GWB CEILING

EXISTING ACOUSTICAL CEILING TILE TO REMAIN

SPECIFIC KEYNOTES - DEMO

NUMBER	TEXT
AD01	REMOVE EXISTING CARPET AND WALL BASE. CARPET TO BE RECYCLED, REFER TO GENERAL NOTES. PREPARE TO RECEIVE NEW FINISHES.
AD02	REMOVE EXISTING TILE FLOORING AND WALL BASE. PREPARE TO RECEIVE NEW FINISHES.
AD03	REMOVE EXISTING DOOR PANEL, DOOR FRAME TO REMAIN. PREPARE OPENING FOR NEW DOOR PANEL.
AD04	DEMOLISH FULL HEIGHT OF EXISTING NON-LOAD BEARING FRAME WALL.
AD05	DEMOLISH PORTION OF EXISTING NON-LOAD BEARING FRAME WALL. PREPARE AREA FOR NEW OPENING. REFER TO STOREFRONT ELEVATIONS, DOOR SCHEDULES, PLANS AND DIMENSIONS PLANS FOR OPENING SIZES.
AD06	REMOVE EXISTING DOOR PANEL AND DOOR FRAME. PREPARE AREA TO RECEIVE NEW PARTITION.
AD07	REMOVE EXISTING DOOR PANEL AND DOOR FRAME. PATCH AND REPAIR AS REQUIRED.
AD08	EXISTING FLOOR FINISH TO REMAIN.
AD09	DEMOLISH EXISTING MILLWORK. PATCH AND REPAIR AS REQUIRED.
AD10	REMOVE EXISTING PLUMBING FIXTURES. PROTECT ANY UNDERCOUNTER PLUMBING SYSTEMS FOR REUSE. REMOVE AND CAP ANY PLUMBING, REFER TO PLUMBING.
AD11	REMOVE EXISTING VCT AND WALL BASE. PREPARE TO RECEIVE NEW FINISHES.
AD12	EXISTING ELEVATOR TO REMAIN. REMOVE EXISTING ELEVATOR FLOOR FINISH AND CEILING. PREP CAB TO RECEIVE NEW FLOOR FINISH AND CEILING.
AD15	PROTECT EXISTING PLUMBING FIXTURES TO REMAIN.
AD16	REMOVE EXISTING VINYL FLOORING AND WALL BASE. PREPARE TO RECEIVE NEW FINISHES.
AD28	EXISTING PLUMBING FIXTURES TO REMAIN. REMOVE EXISTING FLUSH VALVES AND PREP PLUMBING FIXTURES TO RECEIVE NEW AUTOMATIC FLUSH VALVES.
AD30	EXISTING CHASE, VERIFY SIZE AND LOCATION IN FIELD.
AD32	REMOVE EXISTING FAUCET. PREPARE AREA TO RECEIVE NEW AUTOMATIC FAUCET. PATCH AND REPAIR AS REQUIRED.
AD34	EXISTING WALL MOUNT LAVATORY TO REMAIN. PREP AREA FOR NEW AUTOMATIC FAUCET. REFER TO PLUMBING.
AD35	REMOVE EXISTING SINK AND MILLWORK. PROTECT ANY UNDERCOUNTER PLUMBING SYSTEMS FOR REUSE. PREP AREA TO RECEIVE NEW SINK AND MILLWORK.
AD40	PROTECT EXISTING FLOOR BOXES TO REMAIN.
AD46	DEMO EXISTING VINYL FLOORING. PATCH AND REPAIR CONCRETE AS REQUIRED. FOLLOW MANUFACTURER'S INSTRUCTION FOR SURFACE PREPARATION FOR NEW FINISH, SEE FINISH LEGEND FOR FINISH TYPE.
AD48	EXISTING DAIS & PODIUM TO REMAIN. PROTECT MILLWORK FOR RESURFACING.
AD49	EXISTING ADA PUSH BUTTON TO REMAIN.
AD50	EXISTING RECEPTION DESK TO REMAIN. PROTECT MILLWORK FOR RESURFACING.
AD52	REMOVE EXISTING DOOR PANEL AND DOOR FRAME PROTECT FOR REUSE. REFER TO DOOR SCHEDULE.
AD53	COORDINATE ALL EQUIPMENT IN THIS LOCATION WITH OWNER PRIOR TO REMOVAL.

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THEA TMC OFFICE RENOVATION

1104 E TWIGGS ST. TAMPA, FL 33602

Project number
1924

DISTRIBUTION

MILESTONE	DATE
PERMIT SET	5-7-2020
REV 1	8-7-2020

LEVEL 1 - DEMO FLOOR PLAN

AD-101

GENERAL NOTES - DEMOLITION

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LEGEND - DEMOLITION

EXISTING WALL TO REMAIN

EXISTING TO BE REMOVED

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REMOVE ACOUSTICAL CEILING TILE

REMOVE GWB CEILING

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SPECIFIC KEYNOTES - DEMO	
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1 LEVEL 2 - DEMO FLOOR PLAN
1/8" = 1'-0"

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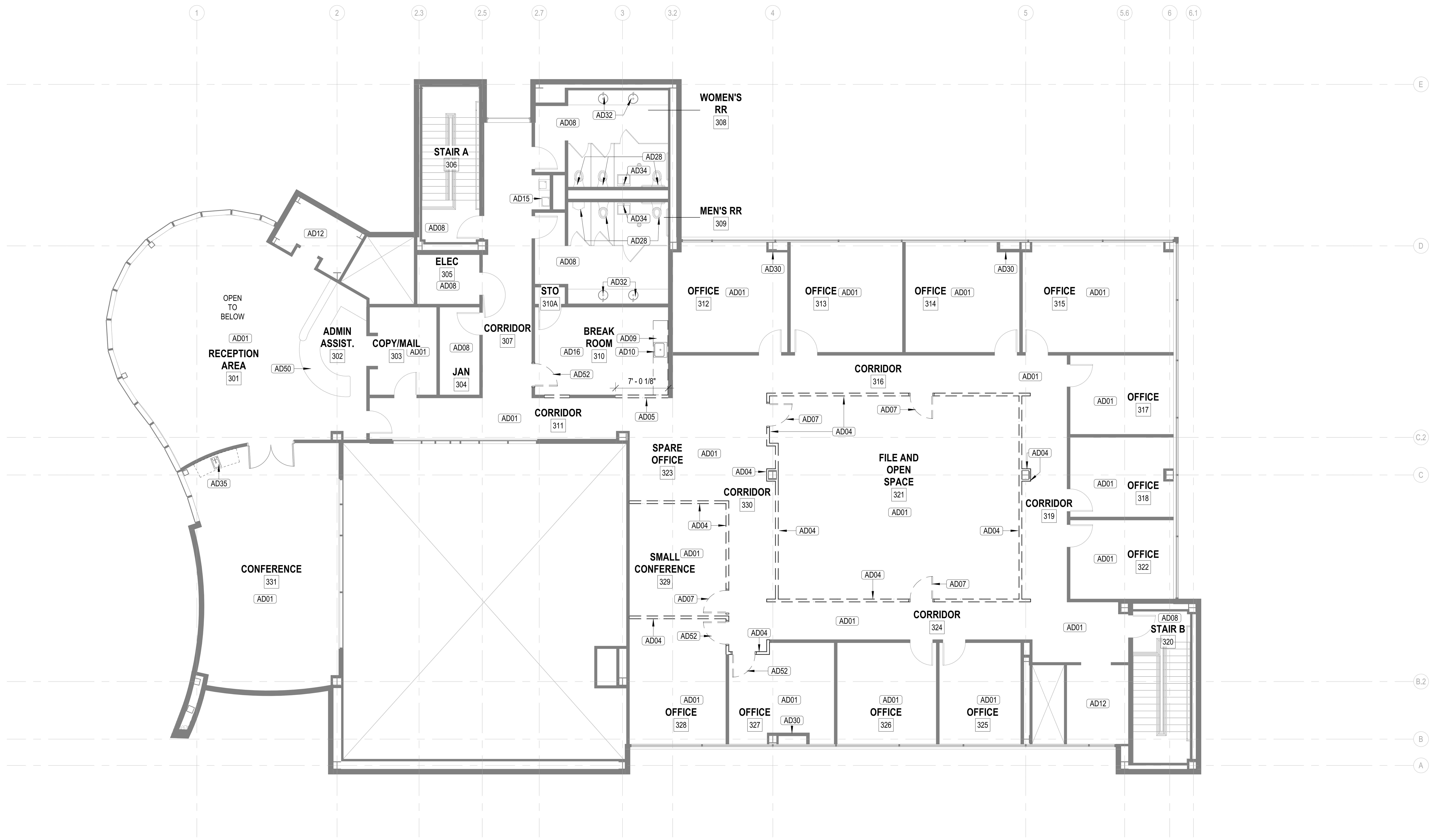
LEVEL 2 - DEMO FLOOR PLAN

AD-102



1 LEVEL 3 - DEMO FLOOR PLAN
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LEVEL 3 - DEMO FLOOR PLAN

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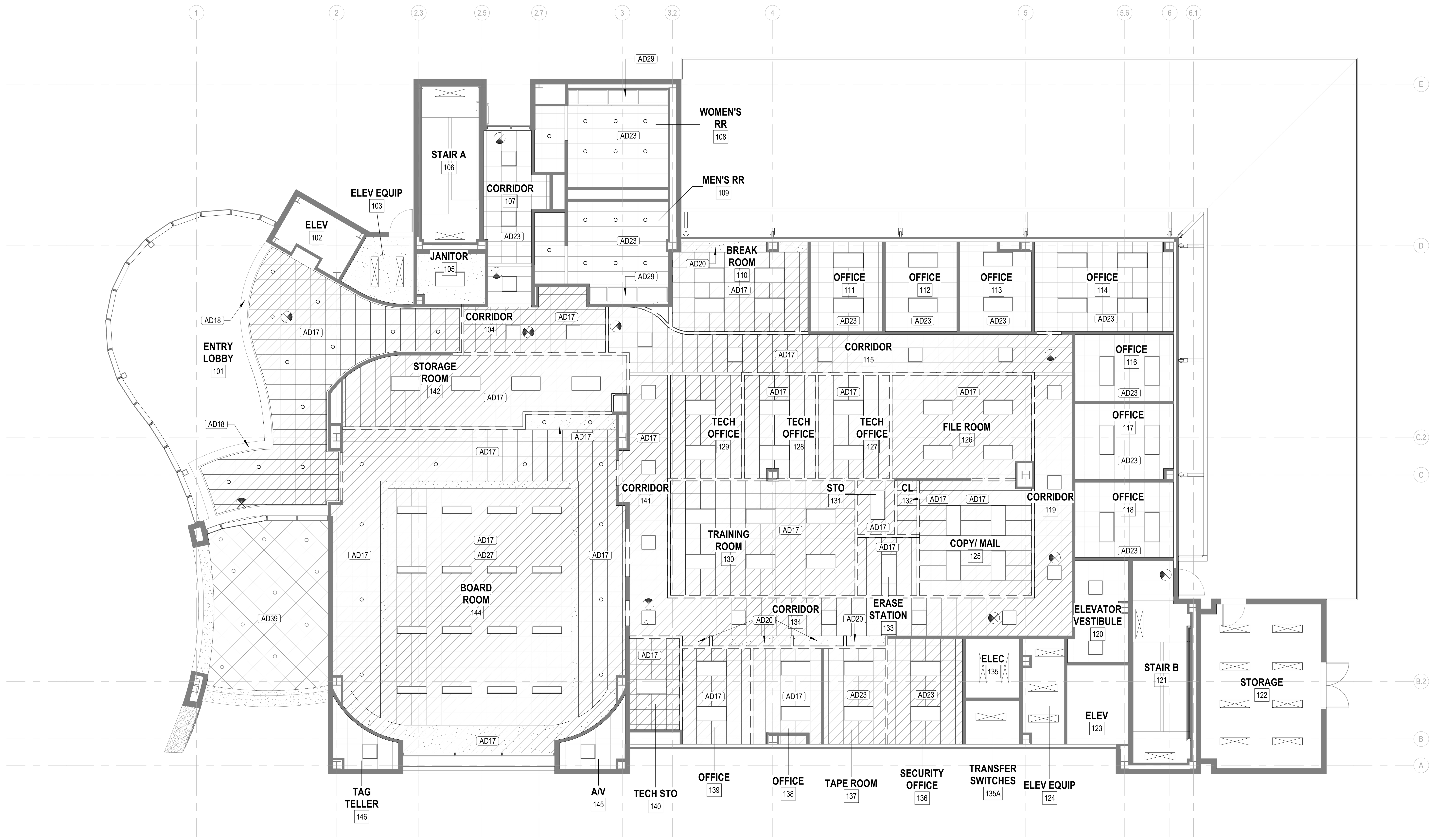

1 LEVEL 1- DEMO RCP
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12. ALL EXISTING RESTROOM TOILET ACCESORIES TO REMAIN.
13. ALL EXISTING PLUMBING FIXTURES TO REMAIN.
14. SALVAGE ALL EXISTING AV/IT EQUIPMENT FOR REUSE THAT MEET REQUIREMENTS FOR REUSE IN THE FLORIDA BUILDING CODE - EXISTING SECTION 808.
15. SALVAGE AND PROTECT ALL EXISTING SIGNAGE AND ART FOR REUSE. COORDINATE WITH OWNER.
16. ALL EXISTING CARPET TO BE RECYCLED BY INTERFACE, COORDINATE WITH LOCAL INTERFACE REPRESENTATIVE FOR DETAILS.
17. COORDINATE EXISTING INTERCOMS THROUGHOUT BUILDING WITH OWNER.
18. ALL EXISTING INTERIOR LIGHT FIXTURES TO BE REPLACED.
19. DEMO ALL EXISTING EXIT SIGNS TO BE REPLACED. REFER TO REFLECTED CEILING PLANS FOR LOCATIONS.

LEGEND - DEMOLITION

- EXISTING WALL TO REMAIN
- EXISTING TO BE REMOVED
- EXISTING TO REMAIN
- REMOVE ACOUSTICAL CEILING TILE
- REMOVE GWB CEILING
- EXISTING ACOUSTICAL CEILING TILE TO REMAIN

SPECIFIC KEYNOTES - DEMO RCP

NUMBER	TEXT
AD17	DEMOLISH EXISTING CEILING AND REMOVE ALL LIGHT FIXTURES AND MECHANICAL DEVICES.
AD18	EXISTING GWB SOFFIT TO REMAIN.
AD20	DEMOLISH EXISTING GWB CEILING.
AD21	EXISTING ACOUSTICAL CEILING TO REMAIN. REMOVE EXISTING LIGHT FIXTURES TO BE REPLACED.
AD22	REMOVE EXISTING LIGHT FIXTURES. PATCH AND PREPARE AREA AS REQUIRED TO CONCEAL OPENING.
AD23	REMOVE ANY DAMAGED OR STAINED ACOUSTICAL CEILING TILE THROUGHOUT THE BUILDING.
AD24	EXISTING MECHANICAL AIR DIFUSSERS TO REMAIN, REFER MECHANICAL.
AD25	PROTECT EXISTING GWB SOFFIT AND SPRINKLER HEADS TO REMAIN.
AD27	REMOVE, SALVAGE AND PROTECT ALL A/V EQUIPMENT.
AD29	REMOVE EXISTING VANITY LIGHT FIXTURES. EXISTING GWB BULKHEAD TO REMAIN. PATCH AND REPAIR AS REQUIRED. THIS WORK IS CONTINGENT ON ALTERNATE 3 BEING SELECTED.
AD31	REMOVE EXISTING LIGHT FIXTURES. PREP AREA TO RECEIVE NEW ACOUSTICAL CEILING TILE.
AD37	DEMO ALL EXISTING ACT CEILING TILES IN THIS AREA. SUSPENSION SYSTEM TO REMAIN, PROTECT FOR REUSE.
AD38	EXISTING GWB CEILING TO REMAIN.
AD39	EXTERIOR AREA NOT INCLUDED IN SCOPE.
AD45	REMOVE EXISTING LIGHT FIXTURES, PATCH AND REPAIR AS REQUIRED.
AD51	REFER TO ALTERNATE SCHEDULE AND ELECTRICAL FOR REUSE OR REPLACEMENT OF FIXTURES IN ROOM. IF REUSING, PROTECT FOR REUSE.

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1924

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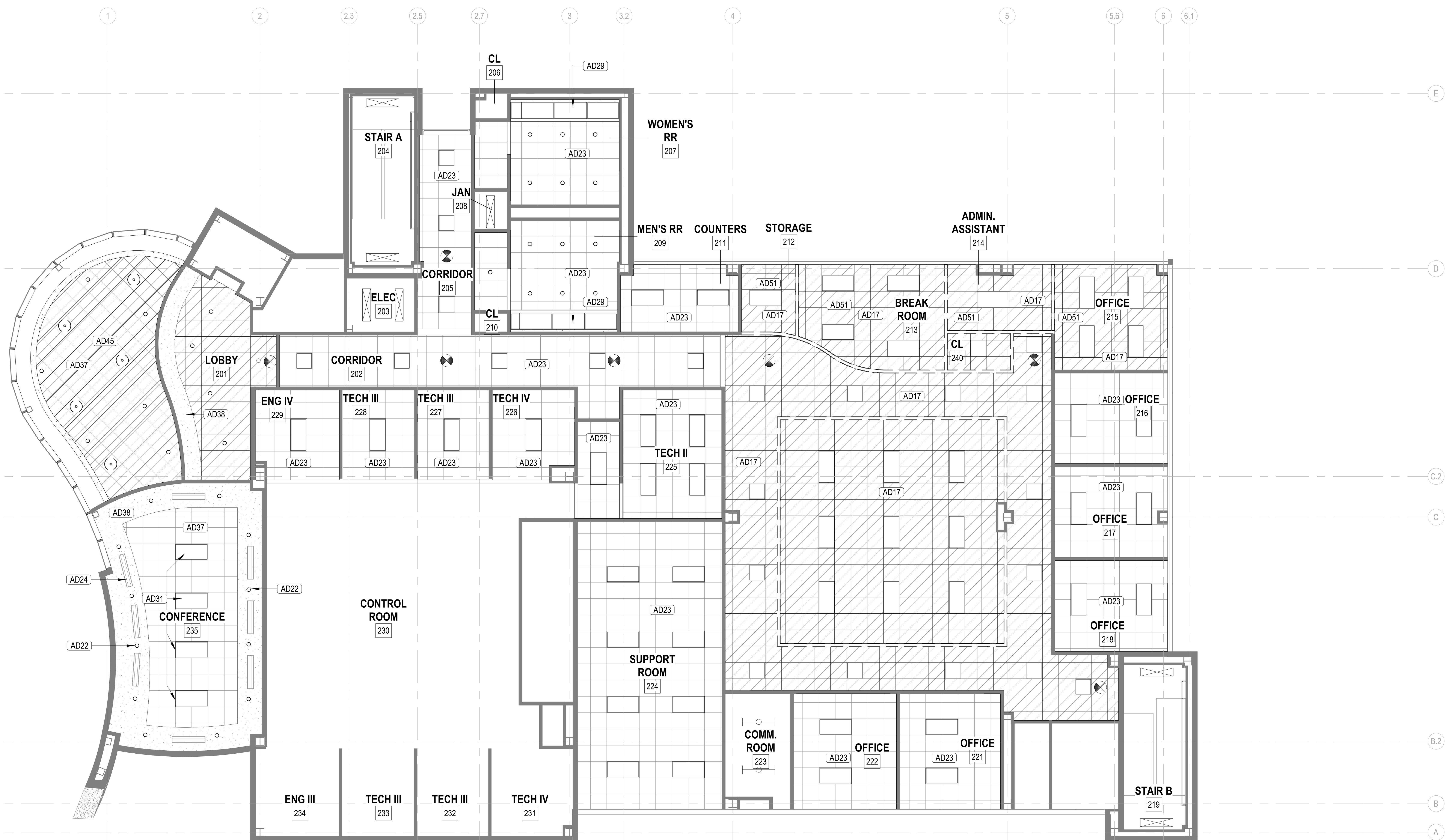
REV 1	8-7-2020

LEVEL 1 - DEMO CEILING PLAN

AD-201



1 LEVEL 2- DEMO RCP
1/8" = 1'-0"

GENERAL NOTES - DEMOLITION

1. ALL DIMENSIONS AND CONDITIONS TO BE FIELD VERIFIED BY CONTRACTOR PRIOR TO WORK, NOTIFY ARCHITECT IF CONFLICTS ARE FOUND.
2. PROTECT ALL AREAS TO REMAIN. CONTRACTOR TO REPAIR OR REPLACE ANY ITEM TO REMAIN OR TO BE RELOCATED THAT IS DAMAGED DURING THE WORK. PROVIDE A SEAMLESS, UNDAMAGED APPEARANCE WHEN JOINING NEW TO EXISTING.
3. REMOVE DASHED PORTION OF EXISTING WALLS, DOORS, WINDOWS, SIDELIGHTS, TRANSOMS, AND FRAMES U.N.O. PREPARE AREA TO RECEIVE NEW CONSTRUCTION AS SCHEDULED. STORE ALL DOORS AND HARDWARE FOR REINSTALLATION AS PART OF NEW SCOPE OF WORK, U.N.O.
4. FIRE RESISTANCE - MAINTAIN INTEGRITY OF EXISTING FIRE AND/OR SMOKE PARTITIONS THROUGHOUT, U.N.O. MAINTAIN INTEGRITY OF ALL EXISTING FIREPROOFING, FIRESTOPPING, COLUMN ENCLOSURES, ETC. TO ENSURE FIRE RESISTANCE MEETS OR EXCEEDS THAT ORIGINALLY REQUIRED OR SPECIFIED, PATCH ALL AREAS DAMAGED OR REMOVED DUE TO NEW CONSTRUCTION TO MATCH THAT OF THE EXISTING OR AS REQUIRED FOR NEW.
5. FINISHES - ALL EXISTING FINISHES SHALL REMAIN, UNLESS SCHEDULED FOR NEW. CONTINUE EXISTING FINISHES TO REMAIN INTO NEW EXTENDED AREAS THAT ARE ADJACENT. PATCH & REPAIR EXISTING TO MATCH NEW. PREPARE SUBSTRATES TO RECEIVE NEW FINISHES WHERE SCHEDULED. FINISH ALL PATCHED OR EXTENDED WALLS TO NEAREST CHANGE OF DIRECTION, WALL TERMINATION, OR INTERSECTION.
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7. SALVAGE ALL EXISTING DOOR PANELS, FRAMES, AND DOOR HARDWARE FOR REUSE.
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LEGEND - DEMOLITION

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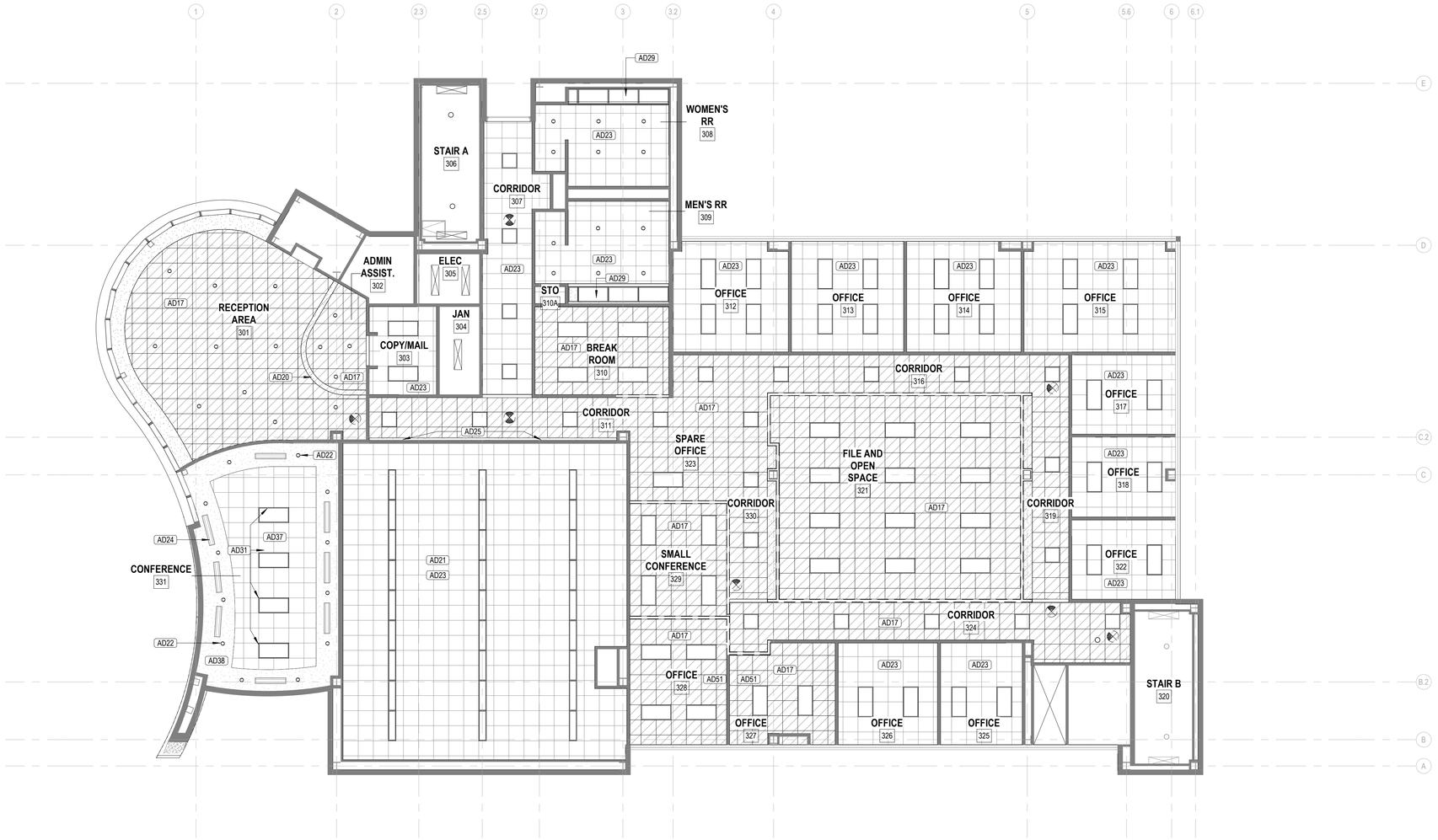
LEVEL 2 - DEMO CEILING PLAN

AD-202



1 LEVEL 3- DEMO RCP

1/8" = 1'-0"

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LEGEND - DEMOLITION

▬	EXISTING WALL TO REMAIN
- - - -	EXISTING TO BE REMOVED
—	EXISTING TO REMAIN
▦	REMOVE ACOUSTICAL CEILING TILE
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REV 1	8-7-2020

LEVEL 3 - DEMO
CEILING PLAN

AD-203

GENERAL NOTES - DEMOLITION

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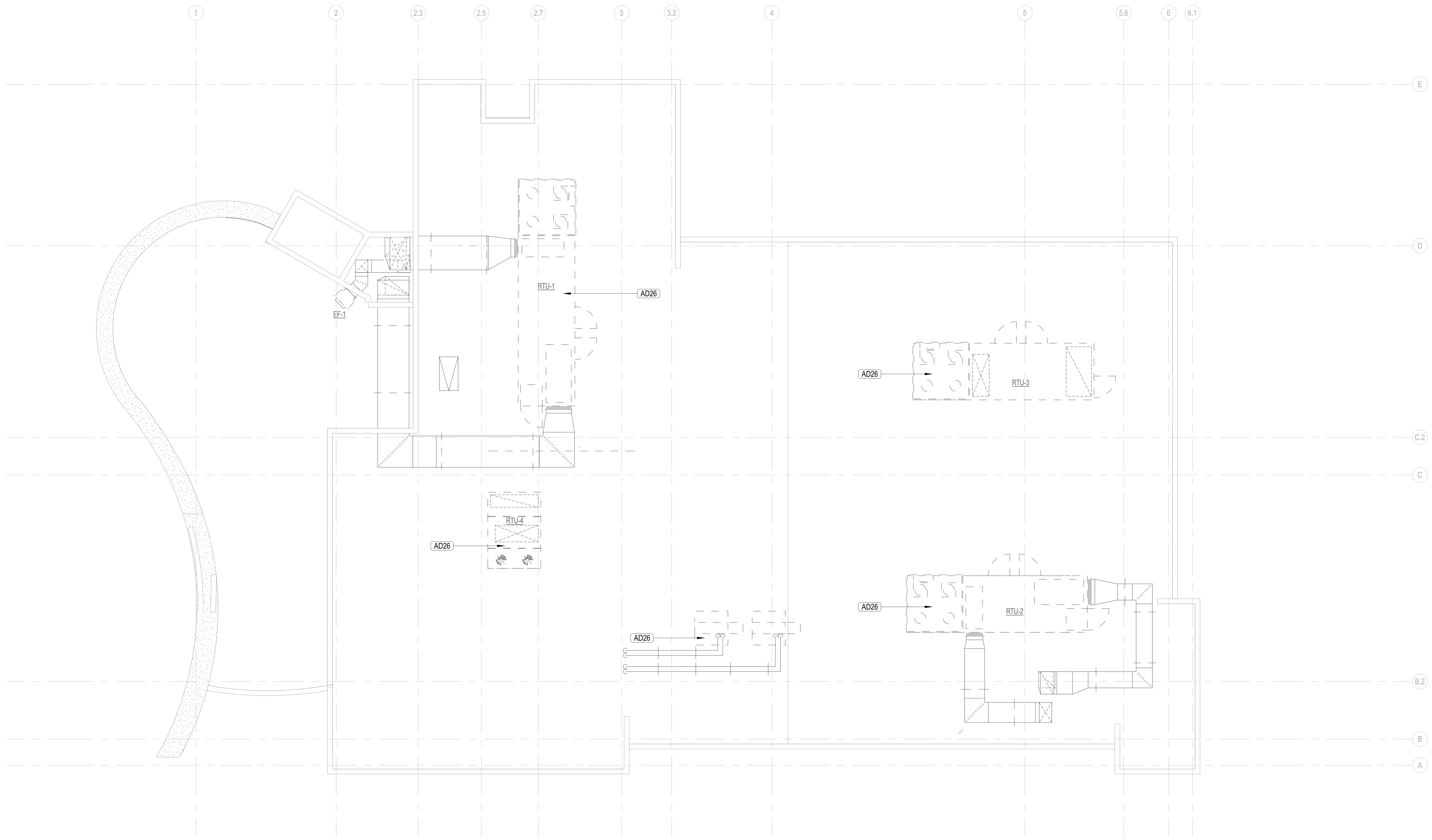
LEGEND - DEMOLITION

- - - - - EXISTING TO BE REMOVED

——— EXISTING TO REMAIN

SPECIFIC KEYNOTES - DEMO ROOF PLAN	
NUMBER	TEXT
AD26	EXISTING MECHANICAL ROOFTOP UNITS TO BE REPLACED. PATCH AND REPAIR ROOFING, CURBS, AND PENETRATIONS AS REQUIRED. REFER TO MECHANICAL AND STRUCTURAL.



1 ROOF - DEMO PLAN
1/8" = 1'-0"

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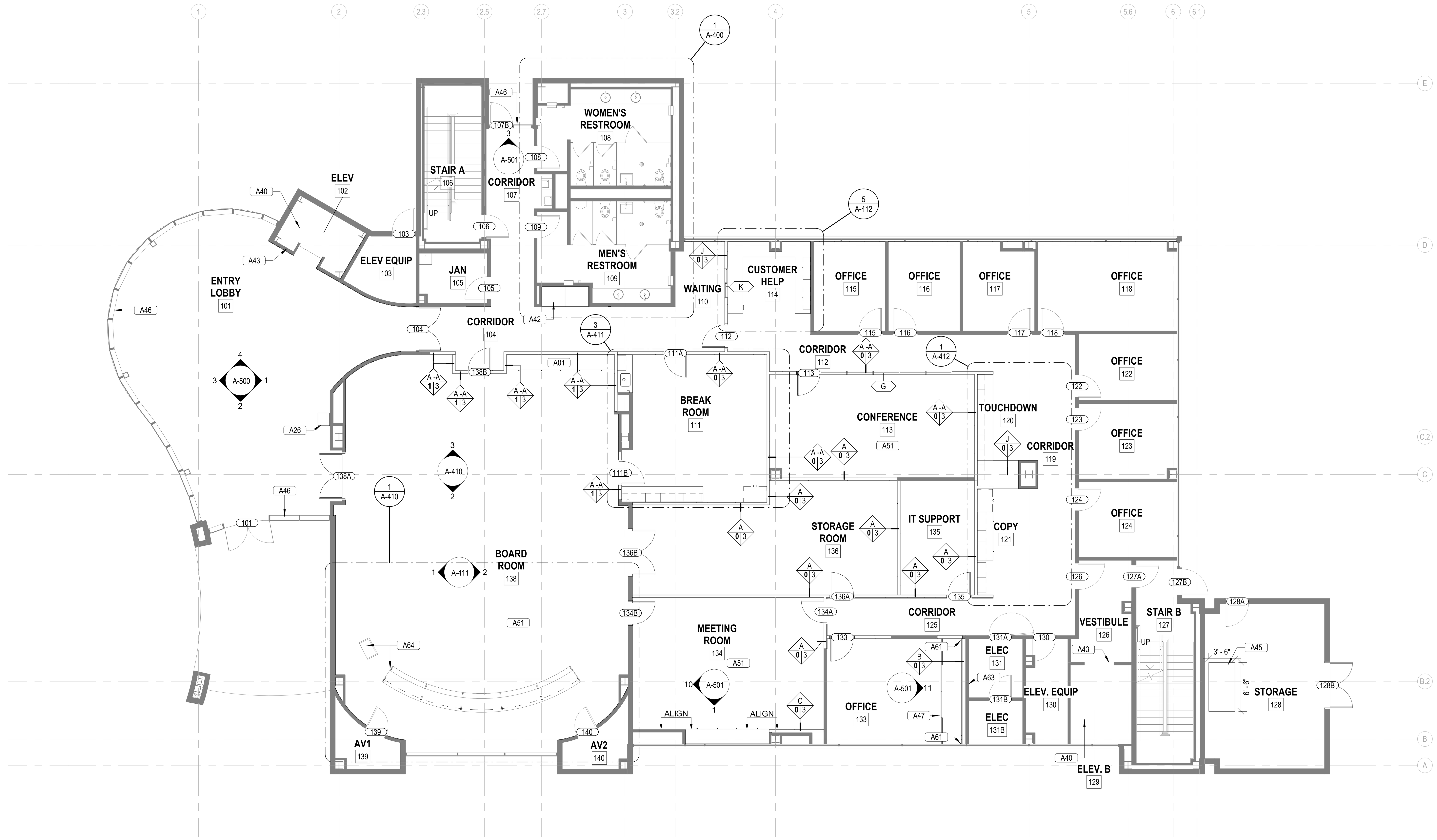
ROOF DEMO PLAN

AD-204



1 LEVEL 1 - FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES

1. PROVIDE SUPPORT FOR WALL MOUNTED CABINETS AND PLUMBING FIXTURES. STEEL STUDS SUPPORTING WALL MOUNTED FIXTURES TO BE DOUBLED AT 16 O.C. OR NOT LESS THAN 20 GAUGE PER FBC 2517.5.1.1.
2. COMBUSTIBLE MATERIALS IN TYPES I & II CONSTRUCTION TO COMPLY WITH FBC 603.1 (FIRE RETARDANT - TREATED WOOD) AND 805.1 & 806.1
3. PROVIDE CEMENTITIOUS BACKER BOARD IN PLACE OF GWB AT ALL LOCATIONS SHOWING CERAMIC OR PORCELAIN TILE FINISH.
4. PROVIDE ACOUSTICAL BATT INSULATION WHERE DEPICTED.
5. REFER TO ID SERIES FOR FINISH PLANS, FURNITURE PLANS, AND EQUIPMENT PLANS AND SCHEDULES.
6. REFER TO SHEET A-400 SERIES FOR PLAN DETAIL CALLOUTS.
7. REFER TO SHEET A-800 SERIES FOR PARTITION TYPE DETAILS.
8. REFER TO SHEET A-120 SERIES FOR DIMENSION PLANS.
9. REFER TO SHEET A-810 SERIES FOR DOOR SCHEDULES.
10. ALL WALL OUTLETS THAT ARE ON AN ACCENT WALL SHALL BE PROVIDED WITH COVERS THAT MATCH THE COLOR OF THE WALL.
11. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.

TAG LEGEND

ELEMENT TAGS

Room Name 101 — ROOM TAG
1001X — DOOR TAG
ST-X — STOREFRONT TAG
X 6 X 6 — WALL TAG
XXX — SPECIALTY EQUIPMENT TAG
1t — FLOOR TAG

VIEW TAGS

INTERIOR ELEVATION — 1 Ref, 1 Ref, 1 Ref, 1 Ref, A101
SECTION MARK — 1 A101 SIM
VIEW CALLOUT — 1 A101 SIM

ANNOTATION TAGS

ALIGNMENT TAG — ALIGN
KEYNOTE TAG — XX-XX
SPECIFIC NOTE TAG — XXX
LEVEL HEAD — Name Elevation
SPOT ELEVATION MARK — 1'-0" A.F.F
NEW CONSTRUCTION
EXISTING

SPECIFIC KEYNOTES - PLANS

NUMBER	TEXT
A01	MILLWORK, REFER TO MILLWORK DETAILS.
A02	BUILT-IN DIAS. REFER TO MILLWORK DETAILS. PROVIDE POWER AND DATA AS REQUIRED. SEE ELECTRICAL.
A26	VIRTUAL RECEPTION. REFER TO AV/IT AND ELECTRICAL.
A27	FILE CABINETS WITH WORKTOP AND STORAGE ABOVE FOR MEMORABILIA DISPLAY.
A28	FRAMELESS LOCKABLE PASS-THRU WINDOW. REFER TO STOREFRONT ELEVATIONS.
A40	NEW ELEVATOR CAB FINISHES, REFER TO FINISH LEGEND.
A42	MEMORABILIA DISPLAY CABINET,SEE MILLWORK
A43	PROVIDE CARD READER FOR EXISTING ELEVATOR
A45	24" HOUSE KEEPING PAD.
A46	ALL GLAZING TO RECEIVE 3M ULTRA PRESTIGE SERIES UPRS50 WITH 3M “WET GLAZE”, AND 3M IMPACT PROTECTION ATTACHMENT SYSTEM. REFER TO SPECIFICATIONS.
A47	BYPASS SLIDING CLOSET DOORS, SEE MILLWORK
A51	PROVIDE FLOOR BOX WITH POWER, HDMI, TEL, & DATA, COORDINATE WITH FURNITURE, REFER TO ELECTRICAL AND AV/IT
A61	GREEN GLUE ACOUSTICAL CAULKING AROUND ENTIRE PERIMETER OF WALL
A63	PATCH AND REPAIR ANY PENETRATIONS IN WALL FROM DEMOLITION
A64	EXISTING DAIS AND PODIUM TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
A65	COORDINATE WITH OWNER ANY EQUIPMENT TO BE REMOVED PRIOR TO ANY WORK.
A67	CPU HOLDER, SEE MILLWORK

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LEVEL 1 - FLOOR PLAN

A-101

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4. PROVIDE ACOUSTICAL BATT INSULATION WHERE DEPICTED.
5. REFER TO ID SERIES FOR FINISH PLANS, FURNITURE PLANS, AND EQUIPMENT PLANS AND SCHEDULES.
6. REFER TO SHEET A-400 SERIES FOR PLAN DETAIL CALLOUTS.
7. REFER TO SHEET A-800 SERIES FOR PARTITION TYPE DETAILS.
8. REFER TO SHEET A-120 SERIES FOR DIMENSION PLANS.
9. REFER TO SHEET A-810 SERIES FOR DOOR SCHEDULES.
10. ALL WALL OUTLETS THAT ARE ON AN ACCENT WALL SHALL BE PROVIDED WITH COVERS THAT MATCH THE COLOR OF THE WALL.
11. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.

TAG LEGEND

ELEMENT TAGS

- Room Name 101 — ROOM TAG
- 1001X — DOOR TAG
- ST-X — STOREFRONT TAG
- X6 X6 — WALL TAG
- XXX — SPECIALTY EQUIPMENT TAG
- 1t — FLOOR TAG

VIEW TAGS

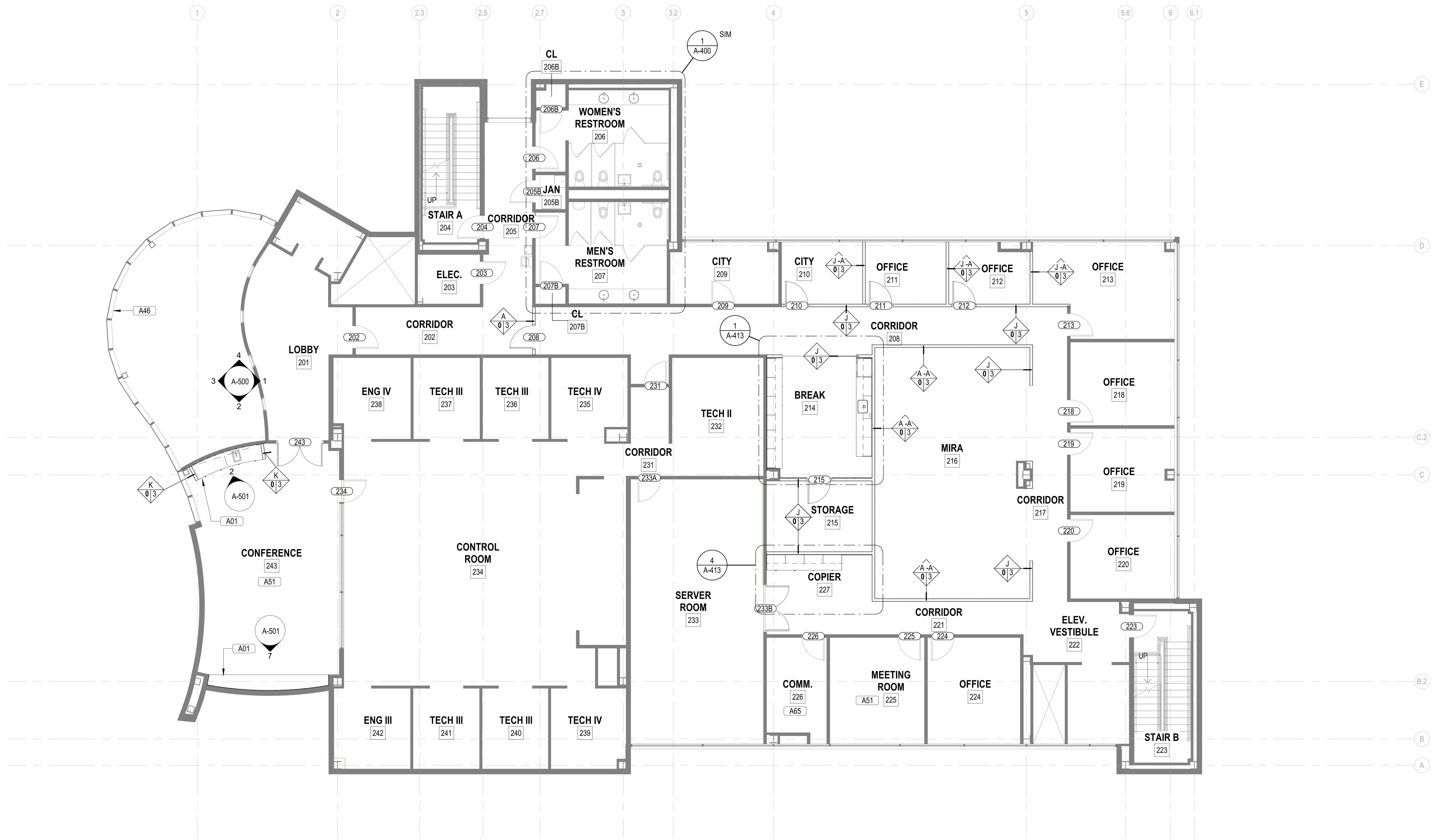
- INTERIOR ELEVATION (1 Ref / A101)
- SECTION MARK (1 A101 SIM)
- VIEW CALLOUT (1 A101 SIM)

ANNOTATION TAGS

- ALIGNMENT TAG — ALIGN
- KEYNOTE TAG — XX-XX
- SPECIFIC NOTE TAG — XXX
- LEVEL HEAD — Name Elevation
- SPOT ELEVATION MARK — 1'-0" A.F.F
- NEW CONSTRUCTION
- EXISTING

SPECIFIC KEYNOTES - PLANS

NUMBER	TEXT
A01	MILLWORK, REFER TO MILLWORK DETAILS.
A02	BUILT-IN DIAS. REFER TO MILLWORK DETAILS. PROVIDE POWER AND DATA AS REQUIRED. SEE ELECTRICAL.
A26	VIRTUAL RECEPTION. REFER TO AV/IT AND ELECTRICAL.
A27	FILE CABINETS WITH WORKTOP AND STORAGE ABOVE FOR MEMORABILIA DISPLAY.
A28	FRAMELESS LOCKABLE PASS-THRU WINDOW. REFER TO STOREFRONT ELEVATIONS.
A40	NEW ELEVATOR CAB FINISHES, REFER TO FINISH LEGEND.
A42	MEMORABILIA DISPLAY CABINET,SEE MILLWORK
A43	PROVIDE CARD READER FOR EXISTING ELEVATOR
A45	24" HOUSE KEEPING PAD.
A46	ALL GLAZING TO RECEIVE 3M ULTRA PRESTIGE SERIES UPRS50 WITH 3M "WET GLAZE", AND 3M IMPACT PROTECTION ATTACHMENT SYSTEM. REFER TO SPECIFICATIONS.
A47	BYPASS SLIDING CLOSET DOORS, SEE MILLWORK
A51	PROVIDE FLOOR BOX WITH POWER, HDMI, TEL, & DATA. COORDINATE WITH FURNITURE, REFER TO ELECTRICAL AND AV/IT
A61	GREEN GLUE ACOUSTICAL CAULKING AROUND ENTIRE PERIMETER OF WALL
A63	PATCH AND REPAIR ANY PENETRATIONS IN WALL FROM DEMOLITION
A64	EXISTING DAIS AND PODIUM TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
A65	COORDINATE WITH OWNER ANY EQUIPMENT TO BE REMOVED PRIOR TO ANY WORK.
A67	CPU HOLDER, SEE MILLWORK



1 LEVEL 2 - FLOOR PLAN
1/8" = 1'-0"

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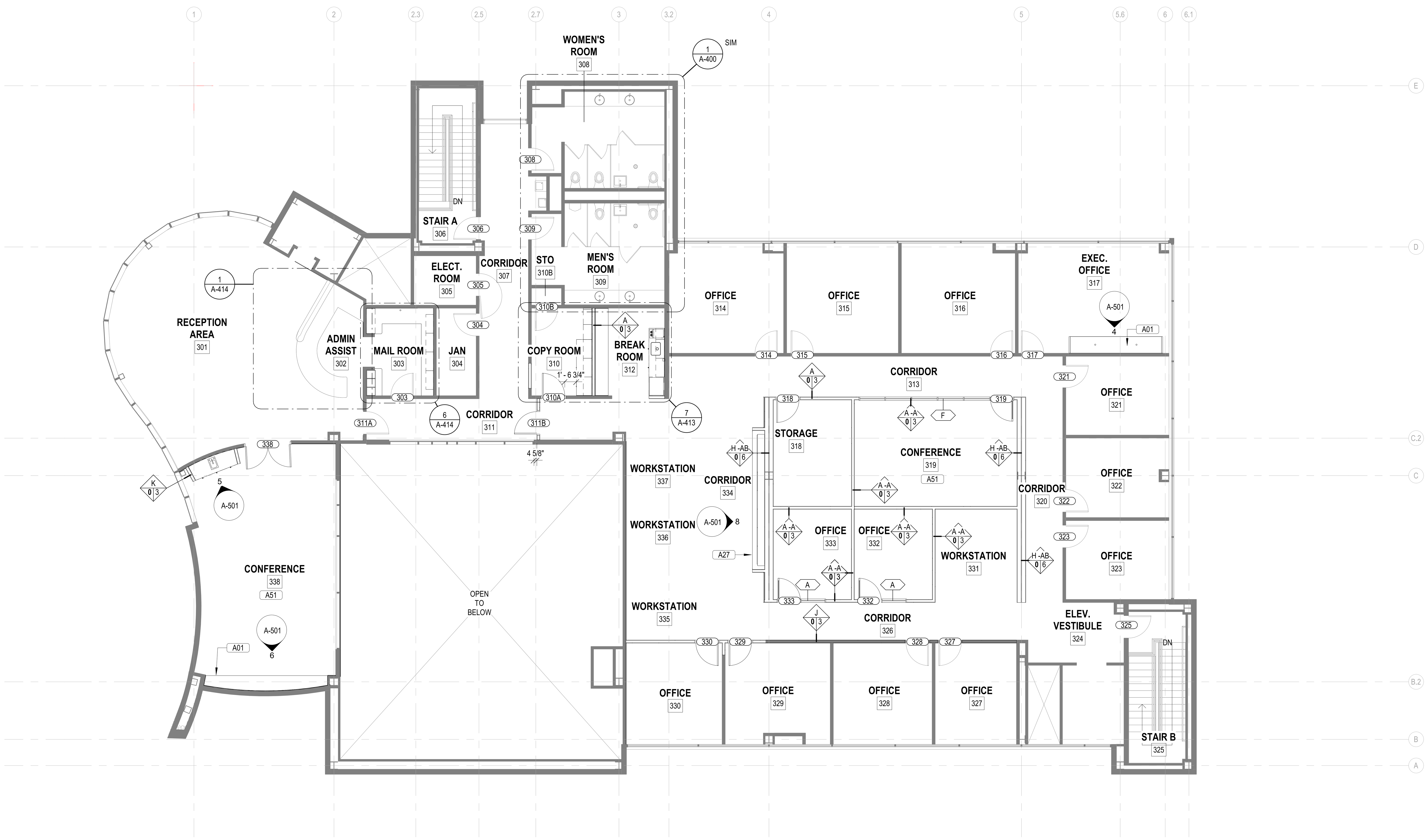
LEVEL 2 - FLOOR PLAN

A-102

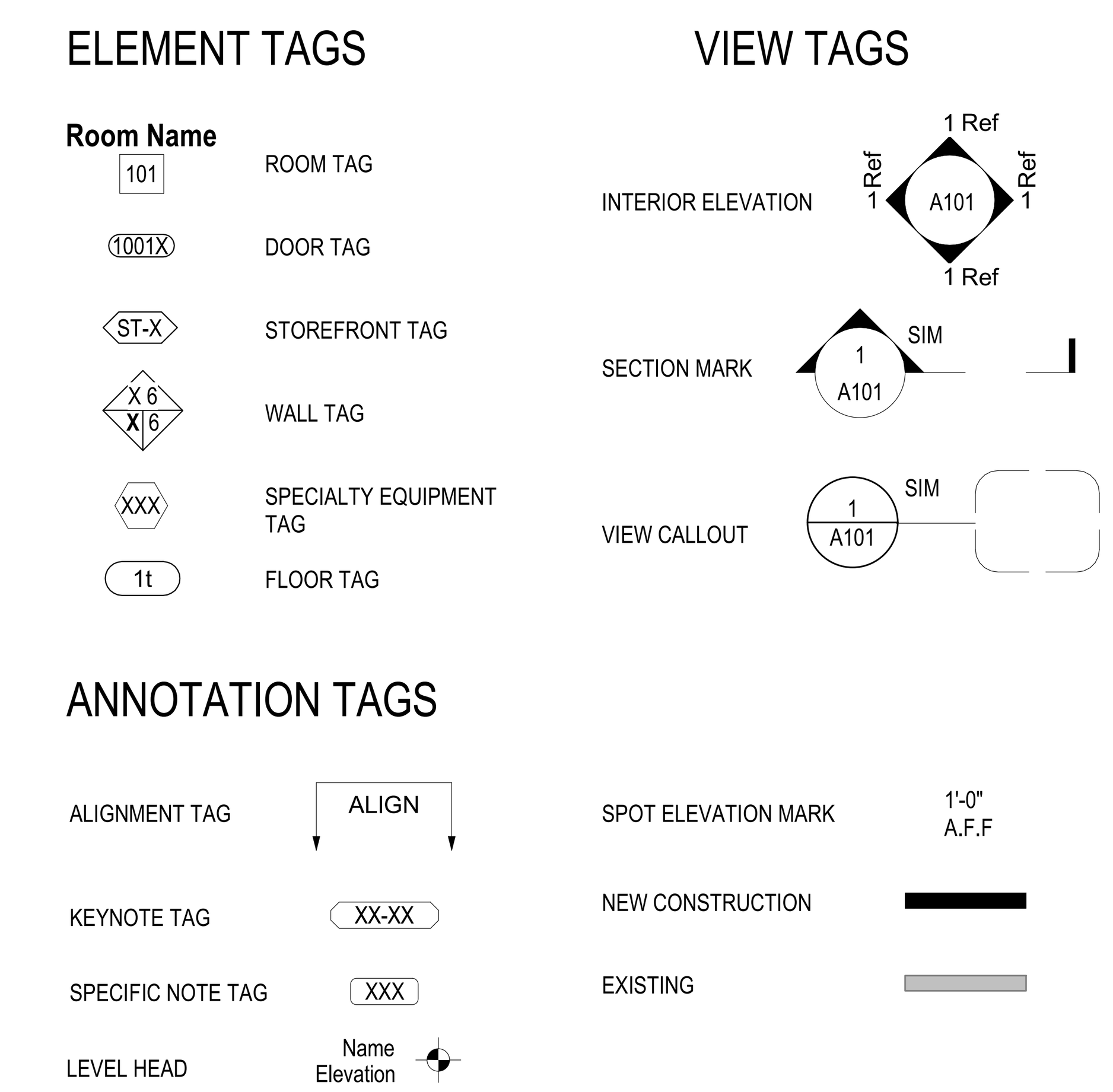


1 LEVEL 3 - FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES

1. PROVIDE SUPPORT FOR WALL MOUNTED CABINETS AND PLUMBING FIXTURES. STEEL STUDS SUPPORTING WALL MOUNTED FIXTURES TO BE DOUBLED AT 16 O.C. OR NOT LESS THAN 20 GAUGE PER FBC 2517.5.1.1.
2. COMBUSTIBLE MATERIALS IN TYPES I & II CONSTRUCTION TO COMPLY WITH FBC 603.1 (FIRE RETARDANT - TREATED WOOD) AND 805.1 & 806.1
3. PROVIDE CEMENTITIOUS BACKER BOARD IN PLACE OF GWB AT ALL LOCATIONS SHOWING CERAMIC OR PORCELAIN TILE FINISH.
4. PROVIDE ACOUSTICAL BATT INSULATION WHERE DEPICTED.
5. REFER TO ID SERIES FOR FINISH PLANS, FURNITURE PLANS, AND EQUIPMENT PLANS AND SCHEDULES.
6. REFER TO SHEET A-400 SERIES FOR PLAN DETAIL CALLOUTS.
7. REFER TO SHEET A-800 SERIES FOR PARTITION TYPE DETAILS.
8. REFER TO SHEET A-120 SERIES FOR DIMENSION PLANS.
9. REFER TO SHEET A-810 SERIES FOR DOOR SCHEDULES.
10. ALL WALL OUTLETS THAT ARE ON AN ACCENT WALL SHALL BE PROVIDED WITH COVERS THAT MATCH THE COLOR OF THE WALL.
11. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.

TAG LEGEND



SPECIFIC KEYNOTES - PLANS	
NUMBER	TEXT
A01	MILLWORK, REFER TO MILLWORK DETAILS.
A02	BUILT-IN DIAS. REFER TO MILLWORK DETAILS. PROVIDE POWER AND DATA AS REQUIRED. SEE ELECTRICAL.
A26	VIRTUAL RECEPTION. REFER TO AV/IT AND ELECTRICAL.
A27	FILE CABINETS WITH WORKTOP AND STORAGE ABOVE FOR MEMORABILIA DISPLAY.
A28	FRAMELESS LOCKABLE PASS-THRU WINDOW. REFER TO STOREFRONT ELEVATIONS.
A40	NEW ELEVATOR CAB FINISHES, REFER TO FINISH LEGEND.
A42	MEMORABILIA DISPLAY CABINET,SEE MILLWORK
A43	PROVIDE CARD READER FOR EXISTING ELEVATOR
A45	24" HOUSE KEEPING PAD.
A46	ALL GLAZING TO RECEIVE 3M ULTRA PRESTIGE SERIES UPRS50 WITH 3M “WET GLAZE”, AND 3M IMPACT PROTECTION ATTACHMENT SYSTEM. REFER TO SPECIFICATIONS.
A47	BYPASS SLIDING CLOSET DOORS, SEE MILLWORK
A51	PROVIDE FLOOR BOX WITH POWER, HDMI, TEL, & DATA, COORDINATE WITH FURNITURE, REFER TO ELECTRICAL AND AV/IT
A61	GREEN GLUE ACOUSTICAL CAULKING AROUND ENTIRE PERIMETER OF WALL
A63	PATCH AND REPAIR ANY PENETRATIONS IN WALL FROM DEMOLITION
A64	EXISTING DAIS AND PODIUM TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
A65	COORDINATE WITH OWNER ANY EQUIPMENT TO BE REMOVED PRIOR TO ANY WORK.
A67	CPU HOLDER, SEE MILLWORK

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LEVEL 3 - FLOOR PLAN

A-103

GENERAL NOTES

1. WORK CONDUCTED ON THE ROOF SHALL BE DONE IN SUCH A MANNER AS TO PROTECT EXISTING ROOF, ELEMENTS, DRAINS, AND SYSTEMS. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DURING THE PERFORMANCE OF THEIR WORK. CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING AS REQUIRED CAUSED BY WORK.

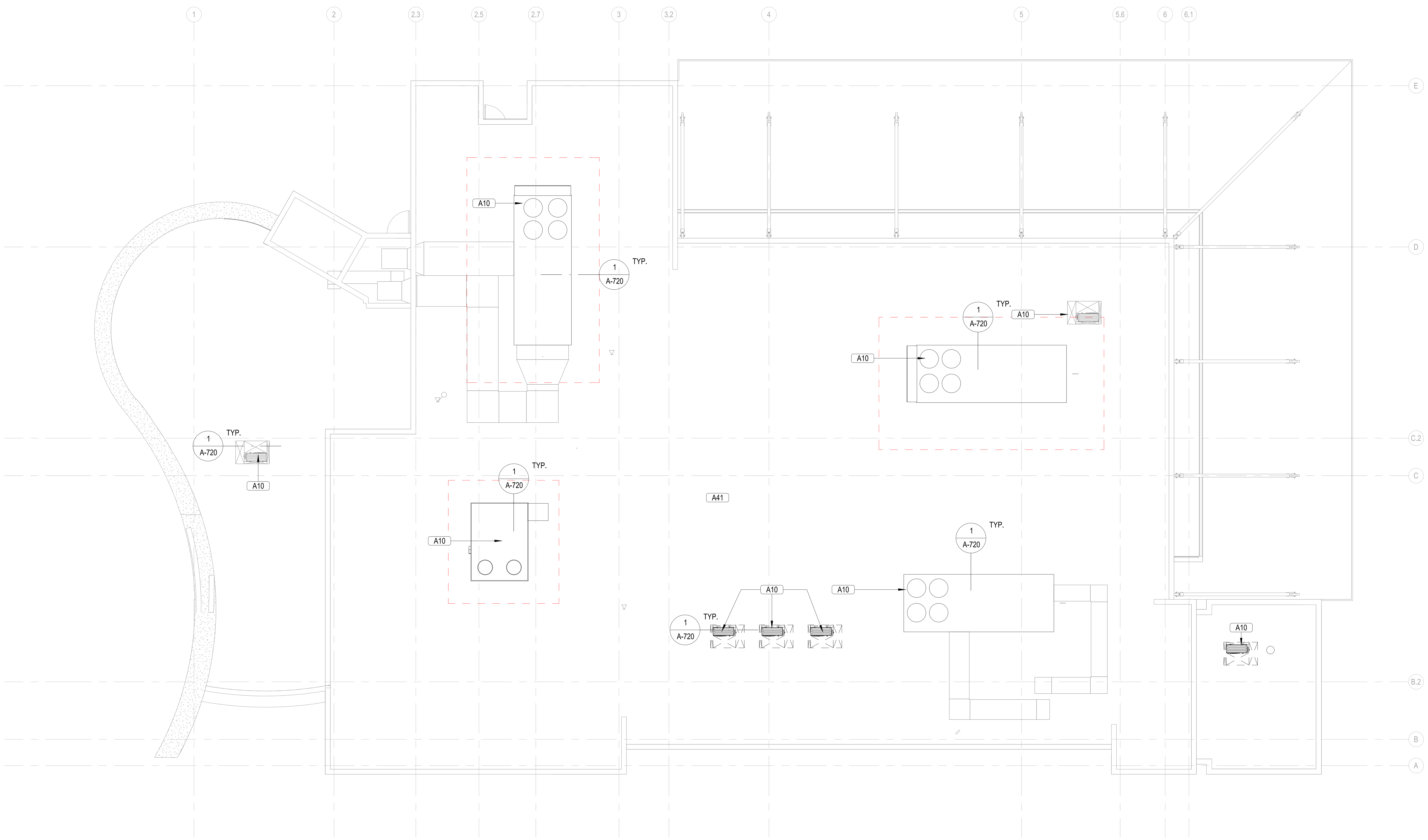
2. FIELD VERIFY SIZE AND LOCATION OF ALL ROOF ELEMENTS INCLUDING BUT NOT LIMITED TO DRAINS, SCUPPERS, CURBS, PENETRATIONS, ACCESSORIES, MECHANICAL EQUIPMENT AND INSTALL NEW MECHANICAL EQUIPMENT AND SYSTEMS AS REQUIRED BY SCOPE OF WORK.

3. ALL ROOF TOP MECHANICAL UNITS ARE UNDER MANUFACTURER WARRANTY. IT IS THE RESPONSIBILITY OF THE CONTRATOR TO COORDINATE AND ASSURE THAT NO WORK PERFORMED WILL VOID MANUFACTURERS WARRANTY.

4. REFER TO SHEET A-720 SERIES FOR ENCLOSURE DETAILS.

SPECIFIC KEYNOTES - ROOF PLAN

NUMBER	TEXT
A10	NEW MECHANICAL ROOFTOP UNITS, COORDINATE WITH MECHANICAL AND STRUCTURAL. PATCH AND REPAIR PENETRATIONS AS REQUIRED.
A41	EXISTING ROOF AND ROOF DRAINS TO REMAIN.



1 ROOF PLAN
1/8" = 1'-0"

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ROOF PLAN

A-104

DIMENSION NOTES:

1. DIMENSIONS ARE INDICATED TO THE FACE OF EXISTING WALL, OR CENTERLINE OF STUD OF NEW PARTITION TYPE AS SCHEDULED, UON. VERIFY ALL DIMENSIONS IN FIELD.

2. ALIGNMENT OF PARTITIONS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE & PLUMB. THE PRIORITY FOR PROJECT DIMENSIONS SHALL BE IN THE FOLLOWING ORDER:

   A. MINIMUM DIMENSIONS FOR ACCESSIBILITY CLEARANCE & BUILDING CODE REQUIREMENT
   B. STRUCTURAL GRID
   C. LARGE SCALE DETAILS
   D. SMALL SCALE DETAILS
   E. ENLARGED VIEWS
   F. FLOOR PLANS AND ELEVATIONS

3. FLOOR ELEVATIONS ARE INDICATED TO THE FACE OF THE STRUCTURAL SLAB, UNLESS OTHERWISE NOTED.

4. VERTICAL DIMENSIONS ARE INDICATED FROM THE FINISH FLOOR ELEVATION TO FACE OF FINISHED MATERIAL AT THE DIMENSION POINT, UNLESS NOTED ABOVE FINISH FLOOR -"AFF".

5. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.

6. MINIMUM DIMENSIONS FOR ACCESSIBILITY CLEARANCES AND BUILDING CODE REQUIREMENTS SHALL BE MAINTAINED.

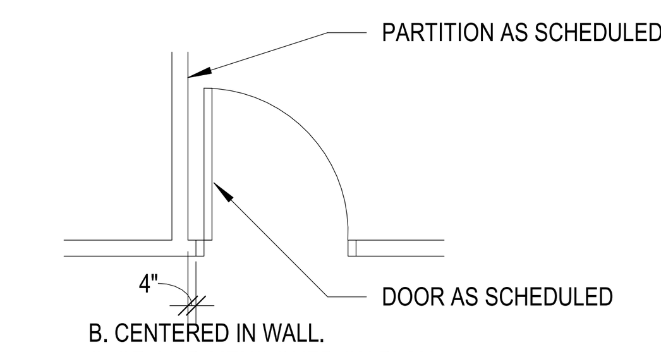
7. OPENINGS OCCURRING IN PARTITIONS OR WALLS:

   A. WHEN ONE JAMB OCCURS AT A COLUMN OR GRID LINE NO DIMENSIONS WILL BE SHOWN ON THE SMALL SCALE PLANS. THE OPENING WIDTH WILL BE GOVERNED BY CRITERIA OR SCHEDULES.

   B. WHEN NEITHER JAMB OCCURS AT A COLUMN OR GRID LINE ONE JAMB WILL BE DIMENSIONED.

9. DOOR LOCATIONS ARE TO BE LOCATED BY ONE OF FOLLOWING:

   A. ONE JAMB FACE LOCATED BY A PARTITION AT RIGHT ANGLE. TYPICAL UNLESS INDICATED ON PLAN.



B. CENTERED IN WALL.
C. OR AS DIMENSIONED ON PLAN.

1 LEVEL 1 - DIMENSION PLAN
1/8" = 1'-0"

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LEVEL 1 - DIMENSION PLAN

A-120

DIMENSION NOTES:

1. DIMENSIONS ARE INDICATED TO THE FACE OF EXISTING WALL, OR CENTERLINE OF STUD OF NEW PARTITION TYPE AS SCHEDULED, UON. VERIFY ALL DIMENSIONS IN FIELD.

2. ALIGNMENT OF PARTITIONS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE & PLUMB. THE PRIORITY FOR PROJECT DIMENSIONS SHALL BE IN THE FOLLOWING ORDER:

   A. MINIMUM DIMENSIONS FOR ACCESSIBILITY CLEARANCE & BUILDING CODE REQUIREMENT
   B. STRUCTURAL GRID
   C. LARGE SCALE DETAILS
   D. SMALL SCALE DETAILS
   E. ENLARGED VIEWS
   F. FLOOR PLANS AND ELEVATIONS

3. FLOOR ELEVATIONS ARE INDICATED TO THE FACE OF THE STRUCTURAL SLAB, UNLESS OTHERWISE NOTED.

4. VERTICAL DIMENSIONS ARE INDICATED FROM THE FINISH FLOOR ELEVATION TO FACE OF FINISHED MATERIAL AT THE DIMENSION POINT, UNLESS NOTED ABOVE FINISH FLOOR -"AFF".

5. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.

6. MINIMUM DIMENSIONS FOR ACCESSIBILITY CLEARANCES AND BUILDING CODE REQUIREMENTS SHALL BE MAINTAINED.

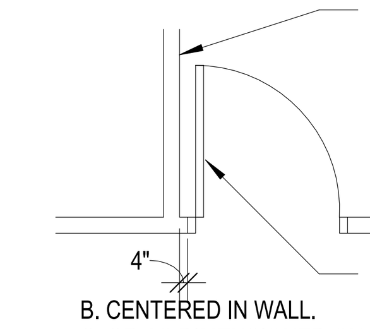
7. OPENINGS OCCURRING IN PARTITIONS OR WALLS:

   A. WHEN ONE JAMB OCCURS AT A COLUMN OR GRID LINE NO DIMENSIONS WILL BE SHOWN ON THE SMALL SCALE PLANS. THE OPENING WIDTH WILL BE GOVERNED BY CRITERIA OR SCHEDULES.

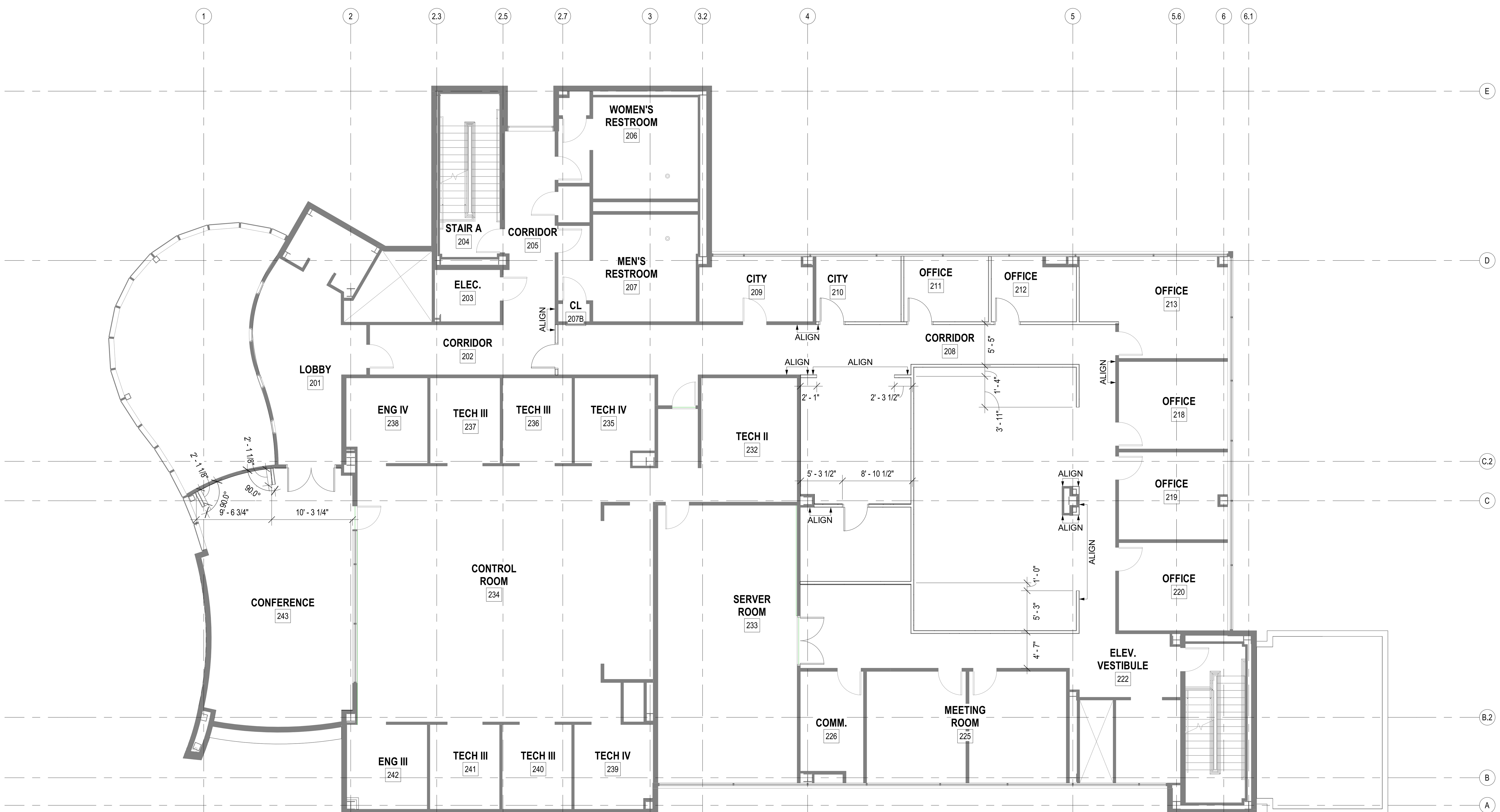
   B. WHEN NEITHER JAMB OCCURS AT A COLUMN OR GRID LINE ONE JAMB WILL BE DIMENSIONED.

9. DOOR LOCATIONS ARE TO BE LOCATED BY ONE OF FOLLOWING:

   A. ONE JAMB FACE LOCATED BY A PARTITION AT RIGHT ANGLE. TYPICAL UNLESS INDICATED ON PLAN.



B. CENTERED IN WALL.
C. OR AS DIMENSIONED ON PLAN.



1 LEVEL 2 - DIMENSION PLAN
1/8" = 1'-0"

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LEVEL 2 - DIMENSION PLAN

A-121

DIMENSION NOTES:

1. DIMENSIONS ARE INDICATED TO THE FACE OF EXISTING WALL, OR CENTERLINE OF STUD OF NEW PARTITION TYPE AS SCHEDULED, UON. VERIFY ALL DIMENSIONS IN FIELD.

2. ALIGNMENT OF PARTITIONS AND FINISHES AS SCHEDULED SHALL BE STRAIGHT, TRUE & PLUMB. THE PRIORITY FOR PROJECT DIMENSIONS SHALL BE IN THE FOLLOWING ORDER:

   A. MINIMUM DIMENSIONS FOR ACCESSIBILITY CLEARANCE & BUILDING CODE REQUIREMENT
   B. STRUCTURAL GRID
   C. LARGE SCALE DETAILS
   D. SMALL SCALE DETAILS
   E. ENLARGED VIEWS
   F. FLOOR PLANS AND ELEVATIONS

3. FLOOR ELEVATIONS ARE INDICATED TO THE FACE OF THE STRUCTURAL SLAB, UNLESS OTHERWISE NOTED.

4. VERTICAL DIMENSIONS ARE INDICATED FROM THE FINISH FLOOR ELEVATION TO FACE OF FINISHED MATERIAL AT THE DIMENSION POINT, UNLESS NOTED ABOVE FINISH FLOOR -"AFF".

5. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.

6. MINIMUM DIMENSIONS FOR ACCESSIBILITY CLEARANCES AND BUILDING CODE REQUIREMENTS SHALL BE MAINTAINED.

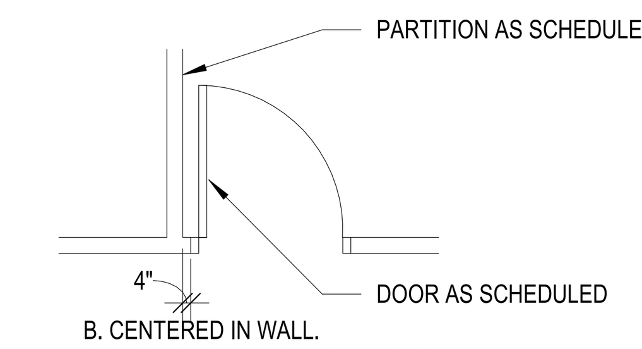
7. OPENINGS OCCURRING IN PARTITIONS OR WALLS:

   A. WHEN ONE JAMB OCCURS AT A COLUMN OR GRID LINE NO DIMENSIONS WILL BE SHOWN ON THE SMALL SCALE PLANS. THE OPENING WIDTH WILL BE GOVERNED BY CRITERIA OR SCHEDULES.

   B. WHEN NEITHER JAMB OCCURS AT A COLUMN OR GRID LINE ONE JAMB WILL BE DIMENSIONED.

9. DOOR LOCATIONS ARE TO BE LOCATED BY ONE OF FOLLOWING:

   A. ONE JAMB FACE LOCATED BY A PARTITION AT RIGHT ANGLE. TYPICAL UNLESS INDICATED ON PLAN.



B. CENTERED IN WALL.
C. OR AS DIMENSIONED ON PLAN.

1 LEVEL 3 - DIMENSION PLAN
1/8" = 1'-0"

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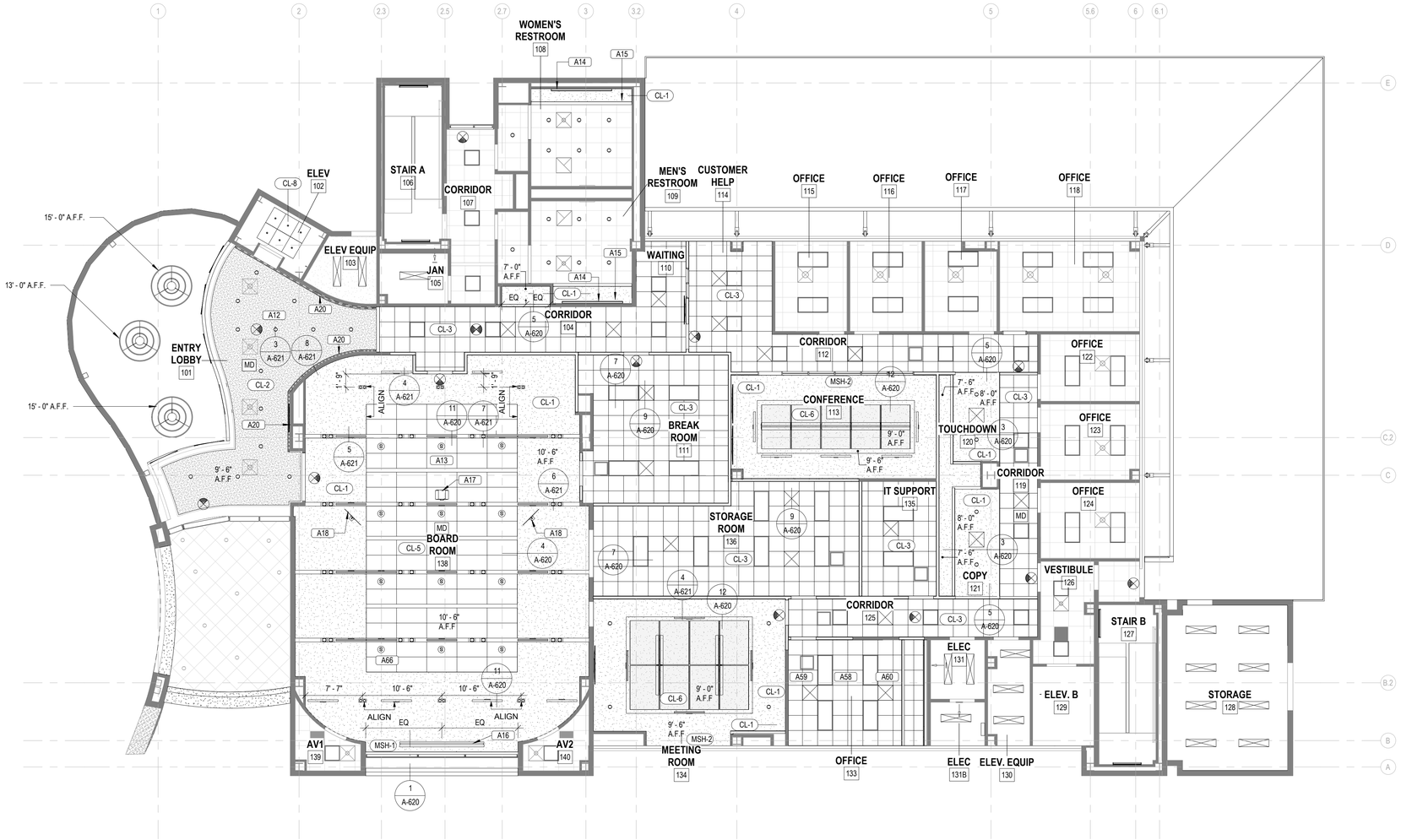
LEVEL 3 - DIMENSION PLAN

A-122



1 LEVEL 1- RCP
1/8" = 1'-0"

GENERAL NOTES:

1. ALL CEILINGS SHALL BE AT 9' 0" A.F.F. UNLESS OTHERWISE NOTED, REFER TO FINISH SCHEDULE FOR FINISH TYPES.
2. CEILING HEIGHTS ARE INDICATED FROM THE FINISH FLOOR ELEVATION TO THE FACE OF SUSPENDED CEILING SYSTEM OR FACE OF FINISH MATERIAL AS SCHEDULED.
3. VERIFY LOCATIONS OF ALL LIGHT FIXTURES, AIR SLOTS, AIR SUPPLY, AND RETURN GRILLES WITH PLANS AND COORDINATE INSTALLATION WITH MECHANICAL AND ELECTRICAL CONTRACTORS. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION.
4. ALIGN EXIT SIGNS WITH THE CENTER OF DOORS UNLESS OTHERWISE NOTED. CENTER CEILING MOUNTED EXIT SIGNS IN CORRIDOR OR CEILING PANEL IN OPEN AREAS UNLESS NOTED OTHERWISE. REFER TO ELECTRICAL DRAWINGS FOR LOCATION.
5. AT ACOUSTICAL PANEL CEILINGS, LOCATE ELECTRICAL OR LIFE SAFETY FIXTURES AND DEVICES IN CENTER OF PANEL, UNLESS NOTED OTHERWISE.
6. CONTRACTOR IS TO PROVIDE ALL MISCELLANEOUS MTL STUD FRAMING REQUIRED FOR SOFFITS AND BULKHEADS AS GRAPHICALLY DEPICTED ON THE REFLECTED CEILING PLANS, SECTIONS AND ELEVATIONS.
7. SUPPORT FINISH EDGES OF CEILING WITH EDGE ANGLES ATTACHED TO WALL.
8. PROVIDE CARE AND COORDINATION TO CONCEAL ALL CONDUIT, FIRE PROTECTION PIPING, AND PLUMBING.
9. ALL LIGHTING IS DEPICTED TO INDICATE LOCATION ONLY. REFER TO ELECTRICAL FOR FIXTURE SPECIFICATIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE INSTALLATION.
10. CONTROL JOINTS SHALL BE INSTALLED IN CEILING TO DELINEATE AREAS NO MORE THAN 110 SQ. FT.
11. PAINT ALL GYPSUM CEILINGS UNLESS NOTED OTHERWISE. REFER TO FINISH LEGEND ON ID SHEETS.
12. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.
13. COORDINATE WIFI ACCESS POINTS EXISTING TO BE REUSED OR RELOCATED. REFER AVIT AND COORDINATE WITH OWNER PRIOR TO WORK.
14. COORDINATE ALL CAMERA LOCATIONS WITH ELECTRICAL SYSTEMS PLANS.

CEILING FIXTURE LEGEND

- SUPPLY DIFFUSER
- RETURN DIFFUSER
- LINEAR DIFFUSER
- EXHAUST VENT
- 8' - 0" WALL MOUNTED VANITY
- (2) 5.8" LED RECESSED SLOT FOR INTEGRATED CEILING SPACED 18" O.C.
- (2) 5.8" LED RECESSED SLOT FOR GYP BD. CEILING SPACED 18" O.C.
- 2 LIGHT RECESSED TRIMLESS ON GYP. BD. CEILING
- INDIRECT/ DIRECT PENDANT MOUNTED @ 8'-0" A.F.F.
- PENDANT 3 RING CLUSTER 6FT DIAMETER
- TAPE LIGHT AT RECEPTION DESK, REFER TO MILLWORK DETAILS
- SIDE BENDING WALL WASH AT LOBBY
- 1.75" LED DOWNLIGHT
- 5" LED RECESSED LIGHT FIXTURE
- 5" LED RECESSED LIGHT FIXTURE (REMODEL) AT CONFERENCE ROOMS 243, 336 AND RECEPTION AREA 301
- 2X2 DIRECT / INDIRECT TROFFER
- 2X4 DIRECT / INDIRECT TROFFER
- 8' LINEAR INDIRECT/ DIRECT PENDANT MOUNTED @ 8'-0" A.F.F.
- LED LINEAR SUSPENDED INDIRECT / DIRECT, 36 LENGTH MOUNTED @ 21' - 6" A.F.F.
- LED STRIP LIGHT
- WALL MOUNTED LED STRIP @ STAIRS MOUNTED @ 9' - 0" A.F.F AND STAIR LANDING
- 4' x 6' LED LINEAR SUSPENDED MOUNTED @ 8' - 0" A.F.F.
- EXIT SIGN
- RECESSED SPEAKERS
- CAMERA
- MD MOTION DETECTOR

CEILING MATERIAL LEGEND

- CL-1 DESCRIPTION: GYPSUM BOARD CEILING
  MANUFACTURER: SEE ARCH. SPECIFICATIONS
  COLOR: PT-1
- CL-2 DESCRIPTION: USG ENSEMBLE ACOUSTICAL GYPSUM BOARD CEILING
  MANUFACTURER: USG
  COLOR: PT-1
  REMARKS: SEE ARCH. SPECIFICATIONS
- CL-3 DESCRIPTION: ASTRO (SLT) ACOUSTICAL CEILING TILE
  MANUFACTURER: USG
  COLOR: WHITE
  SIZE: 24" X 24"
  REMARKS: DX SUSPENSION SYSTEM.
  V.I.F. TO MATCH EXISTING OFFICES
- CL-4 DESCRIPTION: ECLIPSE / HIGH NRC/ CIMAPLUS ACOUSTICAL CEILING TILE
  MANUFACTURER: USG
  COLOR: WHITE
  SIZE: 24" X 24"
  REMARKS: DX FINELINE SUSPENSION SYSTEM.
  V.I.F. TO MATCH EXISTING CONFERENCE ROOMS
- CL-5 DESCRIPTION: MARS HIGH NRC LOGIX INTEGRATED ACOUSTICAL CEILING
  MANUFACTURER: USG
  COLOR: WHITE
  SIZE: 24" X 48"
  REMARKS: DXF FINELINE SUSPENSION SYSTEM
- CL-6 DESCRIPTION: ACOUSTICAL SOUNDSCAPES CLOUD
  MANUFACTURER: ARMSTRONG
  COLOR: WHITE
  SIZE: 48X72
- CL-7 DESCRIPTION: ACOUSTICAL SOUNDSCAPES CLOUD
  MANUFACTURER: ARMSTRONG
  SIZE: 48X96
- CL-8 DESCRIPTION: STAINLESS STEEL CEILING W/ INTEGRATED DOWNLIGHTING
  MANUFACTURER: THYSSENKRUPP
  COLOR: STAINLESS STEEL FINISH TO MATCH EXISTING ELEVATOR CAB
- CL-9 DESCRIPTION: ACOUSTICAL CEILING BAFFLES
  STYLE: AB2000 - SOUND DESIGN ACOUSTICAL CEILING BAFFLES
  COLOR: TBD
  SIZE: 24" HIGH, 2" THICK , SEE RCP FOR LENGTHS
  REMARKS: CLASS A
  CONTACT: JASON WISNIEWSKI 352.572.5892
  JASON@ARCHITECTURALPRODUCTSLLC.COM
- MSH-1 DESCRIPTION: MOTORIZED ROLLER SHADES
  MANUFACTURER: MECHO SHADES
  STYLE: ELECTROSHADES
  COLOR: T.B.D. (OPENING %T.B.D.)
  REMARKS: LOCATION: BOARD ROOM ; DOUBLE ROLL WITH BLACKOUT AND DARKENING CHANNEL
  CONTACT: PETER HAGGAR 727.823.2627
  PETER@BLINDANDSHUTTERGALLERY.COM
- MSH-2 DESCRIPTION: MANUAL ROLLER SHADES
  STYLE: MECHO 5
  COLOR: T.B.D. (OPENING %T.B.D.)
  REMARKS: LOCATION- CONFERENCE ROOMS 243 + 338
  CONTACT: PETER HAGGAR 727.823.2627
  PETER@BLINDANDSHUTTERGALLERY.COM

SPECIFIC KEYNOTES - RCP	
NUMBER	TEXT
A12	NEW PAINTED ACOUSTICAL GYPSUM BOARD CEILING.
A13	2"X4" ACOUSTICAL INTEGRATED CEILING SYSTEM. COORDINATE WITH MECHANICAL AND FIRE PROTECTION.
A15	NEW PAINTED GWB SOFFIT TO ALIGN WITH BOTTOM OF EXISTING GWB BULKHEAD. THIS WORK IS CONTINGENT ON SELECTION OF ALTERNATE 3. EXISTING LIGHT FIXTURE AND CEILING TO REMAIN IF ALTERNATE 3 IS NOT SELECTED.
A16	RECESSED MOTORIZED PROJECTION SCREEN. REFER TO ELECTRICAL AND AV/IT AND COORDINATE SIZE OF RECESS WITH PROJECTION SCREEN.
A17	CONCEALED SCREEN PROJECTOR. REFER TO AV/IT AND ELECTRICAL FOR TYPE AND LOCATION.
A20	WALL WASH LIGHT FIXTURE. REFER TO ELECTRICAL.
A21	NEW ACOUSTICAL CEILING TILE AND GRID TO MATCH EXISTING.
A22	EXISTING CEILING GRID TO REMAIN. NEW CEILING TILES TO MATCH EXISTING.
A23	EXISTING GWB CEILING, REFER TO FINISH SCHEDULE.
A24	NEW GWB CEILING, REFER TO FINISH SCHEDULE.
A58	CEILING TILE SOUND BARRIER OVER ALL ACT CEILING TILES THROUGHOUT ROOM, REFER TO SPECS.
A59	MASS LOADED VINLY AROUND HVAC PENETRATIONS, SEE SPECS
A60	2x4 ROCKWOOL TROFFER COVER OVER LIGHTS IN ROOM, REFER TO SPECS.
A66	COORDINATE RECESSED SPEAKERS WITH AV/IT. REFER TO CONSULTANT PLANS

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THEA TMC OFFICE RENOVATION
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Project number
1924

DISTRIBUTION

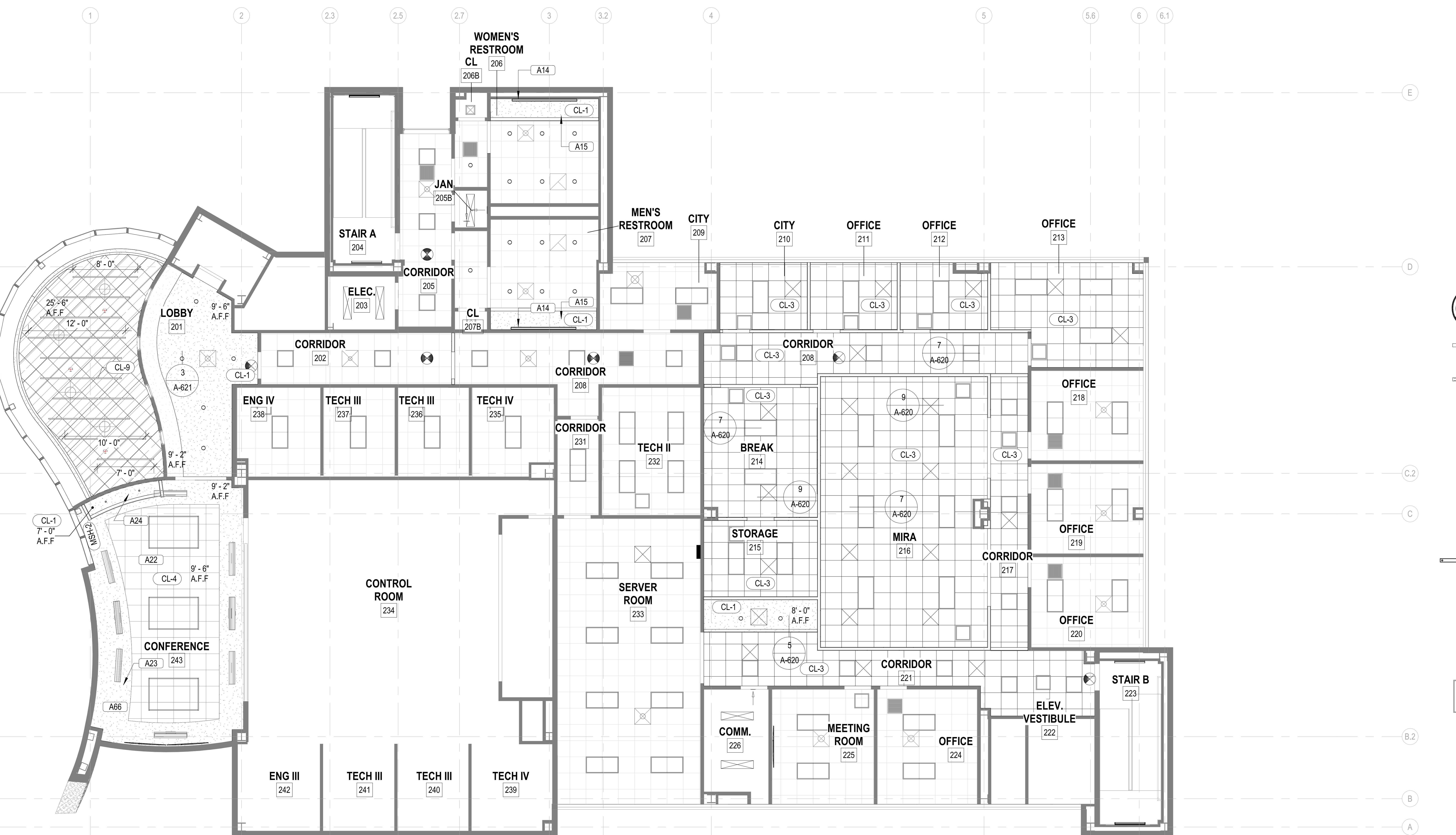
MILESTONE	DATE
PERMIT SET	5-7-2020
REV 1	8-7-2020

LEVEL 1 - RCP

A-201

GENERAL NOTES:

1. ALL CEILINGS SHALL BE AT 9' 0" A.F.F. UNLESS OTHERWISE NOTED, REFER TO FINISH SCHEDULE FOR FINISH TYPES.
2. CEILING HEIGHTS ARE INDICATED FROM THE FINISH FLOOR ELEVATION TO THE FACE OF SUSPENDED CEILING SYSTEM OR FACE OF FINISH MATERIAL AS SCHEDULED.
3. VERIFY LOCATIONS OF ALL LIGHT FIXTURES, AIR SLOTS, AIR SUPPLY, AND RETURN GRILLES WITH PLANS AND COORDINATE INSTALLATION WITH MECHANICAL AND ELECTRICAL CONTRACTORS. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION.
4. ALIGN EXIT SIGNS WITH THE CENTER OF DOORS UNLESS OTHERWISE NOTED. CENTER CEILING MOUNTED EXIT SIGNS IN CORRIDOR OR CEILING PANEL IN OPEN AREAS UNLESS NOTED OTHERWISE. REFER TO ELECTRICAL DRAWINGS FOR LOCATION.
5. AT ACOUSTICAL PANEL CEILINGS, LOCATE ELECTRICAL OR LIFE SAFETY FIXTURES AND DEVICES IN CENTER OF PANEL, UNLESS NOTED OTHERWISE.
6. CONTRACTOR IS TO PROVIDE ALL MISCELLANEOUS MTL STUD FRAMING REQUIRED FOR SOFFITS AND BULKHEADS AS GRAPHICALLY DEPICTED ON THE REFLECTED CEILING PLANS, SECTIONS AND ELEVATIONS.
7. SUPPORT FINISH EDGES OF CEILING WITH EDGE ANGLES ATTACHED TO WALL.
8. PROVIDE CARE AND COORDINATION TO CONCEAL ALL CONDUIT, FIRE PROTECTION PIPING, AND PLUMBING.
9. ALL LIGHTING IS DEPICTED TO INDICATE LOCATION ONLY. REFER TO ELECTRICAL FOR FIXTURE SPECIFICATIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE INSTALLATION.
10. CONTROL JOINTS SHALL BE INSTALLED IN CEILING TO DELINEATE AREAS NO MORE THAN 110 SQ. FT.
11. PAINT ALL GYPSUM CEILINGS UNLESS NOTED OTHERWISE. REFER TO FINISH LEGEND ON ID SHEETS.
12. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.
13. COORDINATE WIFI ACCESS POINTS EXISTING TO BE REUSED OR RELOCATED. REFER AVIT AND COORDINATE WITH OWNER PRIOR TO WORK.
14. COORDINATE ALL CAMERA LOCATIONS WITH ELECTRICAL SYSTEMS PLANS.



1 LEVEL 2- RCP
1/8" = 1'-0"

CEILING FIXTURE LEGEND

- SUPPLY DIFFUSER
- RETURN DIFFUSER
- LINEAR DIFFUSER
- EXHAUST VENT
- 8' - 0" WALL MOUNTED VANITY
- (2) 5.8" LED RECESSED SLOT FOR INTEGRATED CEILING SPACED 18" O.C.
- (2) 5.8" LED RECESSED SLOT FOR GYP BD. CEILING SPACED 18" O.C.
- 2 LIGHT RECESSED TRIMLESS ON GYP. BD. CEILING
- INDIRECT/ DIRECT PENDANT MOUNTED @ 8'-0" A.F.F.
- PENDANT 3 RING CLUSTER 6FT DIAMETER
- TAPE LIGHT AT RECEPTION DESK, REFER TO MILLWORK DETAILS
- SIDE BENDING WALL WASH AT LOBBY
- 1.75" LED DOWNLIGHT
- 5" LED RECESSED LIGHT FIXTURE
- 5" LED RECESSED LIGHT FIXTURE (REMODEL) AT CONFERENCE ROOMS 243, 336 AND RECEPTION AREA 301
- 2X2 DIRECT / INDIRECT TROFFER
- 2X4 DIRECT / INDIRECT TROFFER
- 8' LINEAR INDIRECT/ DIRECT PENDANT MOUNTED @ 8'-0" A.F.F.
- LED LINEAR SUSPENDED INDIRECT / DIRECT, 36 LENGTH MOUNTED @ 21' - 6" A.F.F.
- LED STRIP LIGHT
- WALL MOUNTED LED STRIP @ STAIRS MOUNTED @ 9' - 0" A.F.F AND STAIR LANDING
- 4' x 6' LED LINEAR SUSPENDED MOUNTED @ 8' - 0" A.F.F.
- EXIT SIGN
- RECESSED SPEAKERS
- CAMERA
- MD MOTION DETECTOR

CEILING MATERIAL LEGEND

CL-1 DESCRIPTION: GYPSUM BOARD CEILING
MANUFACTURER: SEE ARCH. SPECIFICATIONS
COLOR: PT-1

CL-2 DESCRIPTION: USG ENSEMBLE ACOUSTICAL GYPSUM BOARD CEILING
MANUFACTURER: USG
COLOR: PT-1
REMARKS: SEE ARCH. SPECIFICATIONS

CL-3 DESCRIPTION: ASTRO (SLT) ACOUSTICAL CEILING TILE
MANUFACTURER: USG
COLOR: WHITE
SIZE: 24" X 24"
REMARKS: DX SUSPENSION SYSTEM.
V.I.F. TO MATCH EXISTING OFFICES

CL-4 DESCRIPTION: ECLIPSE / HIGH NRC/ CIMAPLUS ACOUSTICAL CEILING TILE
MANUFACTURER: USG
COLOR: WHITE
SIZE: 24" X 24"
REMARKS: DX FINELINE SUSPENSION SYSTEM.
V.I.F. TO MATCH EXISTING CONFERENCE ROOMS

CL-5 DESCRIPTION: MARS HIGH NRC LOGIX INTEGRATED ACOUSTICAL CEILING
MANUFACTURER: USG
COLOR: WHITE
SIZE: 24" X 48"
REMARKS: DXF FINELINE SUSPENSION SYSTEM

CL-6 DESCRIPTION: ACOUSTICAL SOUNDSCAPES CLOUD
MANUFACTURER: ARMSTRONG
COLOR: WHITE
SIZE: 48X72

CL-7 DESCRIPTION: ACOUSTICAL SOUNDSCAPES CLOUD
MANUFACTURER: ARMSTRONG
SIZE: 48X96

CL-8 DESCRIPTION: STAINLESS STEEL CEILING W/ INTEGRATED DOWNLIGHTING
MANUFACTURER: THYSSENKRUPP
COLOR: STAINLESS STEEL FINISH TO MATCH EXISTING ELEVATOR CAB

CL-9 DESCRIPTION: ACOUSTICAL CEILING BAFFLES
STYLE: AB2000 - SOUND DESIGN ACOUSTICAL CEILING BAFFLES
COLOR: TBD
SIZE: 24" HIGH, 2" THICK , SEE RCP FOR LENGTHS
REMARKS: CLASS A
CONTACT: JASON WISNIEWSKI 352.572.5892
JASON@ARCHITECTURALPRODUCTSLLC.COM

MSH-1 DESCRIPTION: MOTORIZED ROLLER SHADES
MANUFACTURER: MECHO SHADES
STYLE: ELECTROSHADES
COLOR: T.B.D. (OPENING %T.B.D.)
REMARKS: LOCATION: BOARD ROOM ; DOUBLE ROLL WITH BLACKOUT AND DARKENING CHANNEL
CONTACT: PETER HAGGAR 727.823.2827
PETER@BLINDANDSHUTTERGALLERY.COM

MSH-2 DESCRIPTION: MANUAL ROLLER SHADES
STYLE: MECHO 5
COLOR: T.B.D. (OPENING %T.B.D.)
REMARKS: LOCATION- CONFERENCE ROOMS 243 + 338
CONTACT: PETER HAGGAR 727.823.2827
PETER@BLINDANDSHUTTERGALLERY.COM

SPECIFIC KEYNOTES - RCP

NUMBER	TEXT
A12	NEW PAINTED ACOUSTICAL GYPSUM BOARD CEILING.
A13	2"X4" ACOUSTICAL INTEGRATED CEILING SYSTEM. COORDINATE WITH MECHANICAL AND FIRE PROTECTION.
A15	NEW PAINTED GWB SOFFIT TO ALIGN WITH BOTTOM OF EXISTING GWB BULKHEAD. THIS WORK IS CONTINGENT ON SELECTION OF ALTERNATE 3. EXISTING LIGHT FIXTURE AND CEILING TO REMAIN IF ALTERNATE 3 IS NOT SELECTED.
A16	RECESSED MOTORIZED PROJECTION SCREEN. REFER TO ELECTRICAL AND AV/IT AND COORDINATE SIZE OF RECESS WITH PROJECTION SCREEN.
A17	CONCEALED SCREEN PROJECTOR. REFER TO AV/IT AND ELECTRICAL FOR TYPE AND LOCATION.
A20	WALL WASH LIGHT FIXTURE. REFER TO ELECTRICAL.
A21	NEW ACOUSTICAL CEILING TILE AND GRID TO MATCH EXISTING.
A22	EXISTING CEILING GRID TO REMAIN. NEW CEILING TILES TO MATCH EXISTING.
A23	EXISTING GWB CEILING, REFER TO FINISH SCHEDULE.
A24	NEW GWB CEILING, REFER TO FINISH SCHEDULE.
A58	CEILING TILE SOUND BARRIER OVER ALL ACT CEILING TILES THROUGHOUT ROOM, REFER TO SPECS.
A59	MASS LOADED VINLY AROUND HVAC PENETRATIONS, SEE SPECS
A60	2x4 ROCKWOOL TROFFER COVER OVER LIGHTS IN ROOM, REFER TO SPECS.
A66	COORDINATE RECESSED SPEAKERS WITH AV/IT. REFER TO CONSULTANT PLANS

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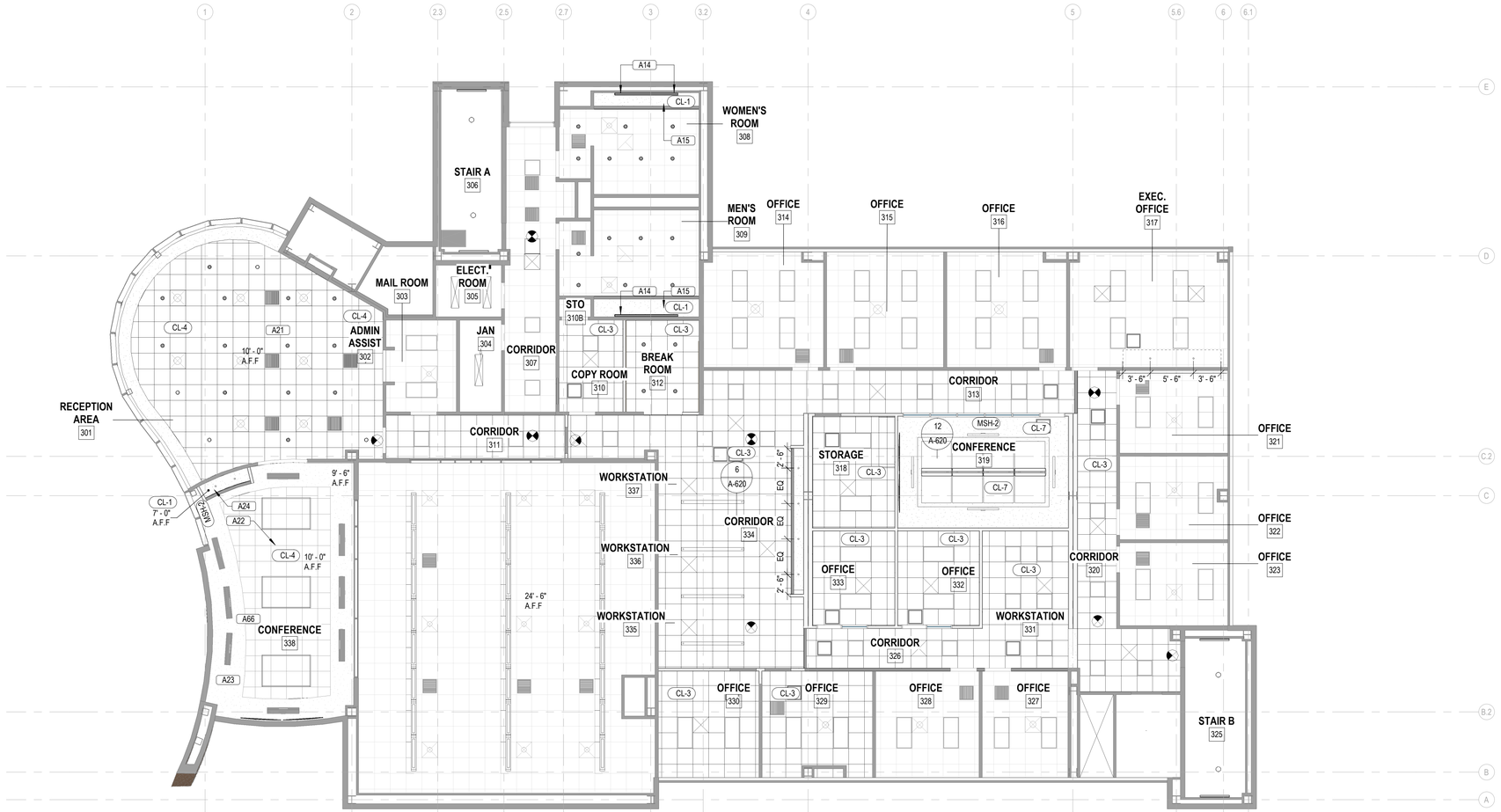
REV 1	8-7-2020

LEVEL 2 - RCP

A-202

GENERAL NOTES:

1. ALL CEILINGS SHALL BE AT 9' 0" A.F.F. UNLESS OTHERWISE NOTED, REFER TO FINISH SCHEDULE FOR FINISH TYPES.
2. CEILING HEIGHTS ARE INDICATED FROM THE FINISH FLOOR ELEVATION TO THE FACE OF SUSPENDED CEILING SYSTEM OR FACE OF FINISH MATERIAL AS SCHEDULED.
3. VERIFY LOCATIONS OF ALL LIGHT FIXTURES, AIR SLOTS, AIR SUPPLY, AND RETURN GRILLES WITH PLANS AND COORDINATE INSTALLATION WITH MECHANICAL AND ELECTRICAL CONTRACTORS. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION.
4. ALIGN EXIT SIGNS WITH THE CENTER OF DOORS UNLESS OTHERWISE NOTED. CENTER CEILING MOUNTED EXIT SIGNS IN CORRIDOR OR CEILING PANEL IN OPEN AREAS UNLESS NOTED OTHERWISE. REFER TO ELECTRICAL DRAWINGS FOR LOCATION.
5. AT ACOUSTICAL PANEL CEILINGS, LOCATE ELECTRICAL OR LIFE SAFETY FIXTURES AND DEVICES IN CENTER OF PANEL, UNLESS NOTED OTHERWISE.
6. CONTRACTOR IS TO PROVIDE ALL MISCELLANEOUS MTL STUD FRAMING REQUIRED FOR SOFFITS AND BULKHEADS AS GRAPHICALLY DEPICTED ON THE REFLECTED CEILING PLANS, SECTIONS AND ELEVATIONS.
7. SUPPORT FINISH EDGES OF CEILING WITH EDGE ANGLES ATTACHED TO WALL.
8. PROVIDE CARE AND COORDINATION TO CONCEAL ALL CONDUIT, FIRE PROTECTION PIPING, AND PLUMBING.
9. ALL LIGHTING IS DEPICTED TO INDICATE LOCATION ONLY. REFER TO ELECTRICAL FOR FIXTURE SPECIFICATIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE INSTALLATION.
10. CONTROL JOINTS SHALL BE INSTALLED IN CEILING TO DELINEATE AREAS NO MORE THAN 110 SQ. FT.
11. PAINT ALL GYPSUM CEILINGS UNLESS NOTED OTHERWISE. REFER TO FINISH LEGEND ON ID SHEETS.
12. DIMENSIONS SHOWN ON THE DRAWINGS SHALL INDICATE THE REQUIRED SIZE, CLEARANCE, AND DIMENSIONAL RELATIONSHIP BETWEEN PROJECT SYSTEMS AND COMPONENTS. DIMENSIONS SHALL NOT BE DETERMINED BY SCALING THE DRAWINGS.
13. COORDINATE WIFI ACCESS POINTS EXISTING TO BE REUSED OR RELOCATED. REFER AVIT AND COORDINATE WITH OWNER PRIOR TO WORK.
14. COORDINATE ALL CAMERA LOCATIONS WITH ELECTRICAL SYSTEMS PLANS.



1 LEVEL 3- RCP
1/8" = 1'-0"

CEILING FIXTURE LEGEND

⊠	SUPPLY DIFFUSER
⧄	RETURN DIFFUSER
▭	LINEAR DIFFUSER
⊠	EXHAUST VENT
▯	8' - 0" WALL MOUNTED VANITY
○ ○	(2) 5.8" LED RECESSED SLOT FOR INTEGRATED CEILING SPACED 18" O.C.
○ ○	(2) 5.8" LED RECESSED SLOT FOR GYP BD. CEILING SPACED 18" O.C.
▯	2 LIGHT RECESSED TRIMLESS ON GYP. BD. CEILING
▯	INDIRECT/ DIRECT PENDANT MOUNTED @ 8'-0" A.F.F.
◎	PENDANT 3 RING CLUSTER 6FT DIAMETER
▭	TAPE LIGHT AT RECEPTION DESK, REFER TO MILLWORK DETAILS
▭	SIDE BENDING WALL WASH AT LOBBY
•	1.75" LED DOWNLIGHT
●	5" LED RECESSED LIGHT FIXTURE
●	5" LED RECESSED LIGHT FIXTURE (REMODEL) AT CONFERENCE ROOMS 243, 336 AND RECEPTION AREA 301
□	2X2 DIRECT / INDIRECT TROFFER
▭	2X4 DIRECT / INDIRECT TROFFER
▭	8' LINEAR INDIRECT/ DIRECT PENDANT MOUNTED @ 8'-0" A.F.F.
▯	LED LINEAR SUSPENDED INDIRECT / DIRECT, 36 LENGTH MOUNTED @ 21' - 6" A.F.F.
⊠	LED STRIP LIGHT
▭	WALL MOUNTED LED STRIP @ STAIRS MOUNTED @ 9' - 0" A.F.F AND STAIR LANDING
▭	4' x 6' LED LINEAR SUSPENDED MOUNTED @ 8' - 0" A.F.F.
⊗	EXIT SIGN
◎	RECESSED SPEAKERS
▯	CAMERA
MD	MOTION DETECTOR

CEILING MATERIAL LEGEND

CL-1	DESCRIPTION: GYPSUM BOARD CEILING MANUFACTURER: SEE ARCH. SPECIFICATIONS COLOR: PT-1
CL-2	DESCRIPTION: USG ENSEMBLE ACOUSTICAL GYPSUM BOARD CEILING MANUFACTURER: USG COLOR: PT-1 REMARKS: SEE ARCH. SPECIFICATIONS
CL-3	DESCRIPTION: ASTRO (SLT) ACOUSTICAL CEILING TILE MANUFACTURER: USG COLOR: WHITE SIZE: 24" X 24" REMARKS: DX SUSPENSION SYSTEM. V.I.F. TO MATCH EXISTING OFFICES
CL-4	DESCRIPTION: ECLIPSE / HIGH NRC/ CIMAPLUS ACOUSTICAL CEILING TILE MANUFACTURER: USG COLOR: WHITE SIZE: 24" X 24" REMARKS: DX FINELINE SUSPENSION SYSTEM. V.I.F. TO MATCH EXISTING CONFERENCE ROOMS
CL-5	DESCRIPTION: MARS HIGH NRC LOGIX INTEGRATED ACOUSTICAL CEILING MANUFACTURER: USG COLOR: WHITE SIZE: 24" X 48" REMARKS: DXF FINELINE SUSPENSION SYSTEM
CL-6	DESCRIPTION: ACOUSTICAL SOUNDSCAPES CLOUD MANUFACTURER: ARMSTRONG COLOR: WHITE SIZE: 48X72
CL-7	DESCRIPTION: ACOUSTICAL SOUNDSCAPES CLOUD MANUFACTURER: ARMSTRONG SIZE: 48X96
CL-8	DESCRIPTION: STAINLESS STEEL CEILING W/ INTEGRATED DOWNLIGHTING MANUFACTURER: THYSSENKRUPP COLOR: STAINLESS STEEL FINISH TO MATCH EXISTING ELEVATOR CAB
CL-9	DESCRIPTION: ACOUSTICAL CEILING BAFFLES STYLE: AB2000 - SOUND DESIGN ACOUSTICAL CEILING BAFFLES COLOR: TBD SIZE: 24" HIGH, 2" THICK , SEE RCP FOR LENGTHS REMARKS: CLASS A CONTACT: JASON WISNIEWSKI 352.572.5892 JASON@ARCHITECTURALPRODUCTSLLC.COM
MSH-1	DESCRIPTION: MOTORIZED ROLLER SHADES MANUFACTURER: MECHO SHADES STYLE: ELECTROSHADES COLOR: T.B.D. (OPENING %T.B.D.) REMARKS: LOCATION: BOARD ROOM ; DOUBLE ROLL WITH BLACKOUT AND DARKENING CHANNEL CONTACT: PETER HAGGAR 727.823.2827 PETER@BLINDANDSHUTTERGALLERY.COM
MSH-2	DESCRIPTION: MANUAL ROLLER SHADES STYLE: MECHO 5 COLOR: T.B.D. (OPENING %T.B.D.) REMARKS: LOCATION- CONFERENCE ROOMS 243 + 338 CONTACT: PETER HAGGAR 727.823.2827 PETER@BLINDANDSHUTTERGALLERY.COM

SPECIFIC KEYNOTES - RCP

NUMBER	TEXT
A12	NEW PAINTED ACOUSTICAL GYPSUM BOARD CEILING.
A13	2"X4" ACOUSTICAL INTEGRATED CEILING SYSTEM. COORDINATE WITH MECHANICAL AND FIRE PROTECTION.
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A20	WALL WASH LIGHT FIXTURE. REFER TO ELECTRICAL.
A21	NEW ACOUSTICAL CEILING TILE AND GRID TO MATCH EXISTING.
A22	EXISTING CEILING GRID TO REMAIN. NEW CEILING TILES TO MATCH EXISTING.
A23	EXISTING GWB CEILING, REFER TO FINISH SCHEDULE.
A24	NEW GWB CEILING, REFER TO FINISH SCHEDULE.
A58	CEILING TILE SOUND BARRIER OVER ALL ACT CEILING TILES THROUGHOUT ROOM, REFER TO SPECS.
A59	MASS LOADED VINLY AROUND HVAC PENETRATIONS, SEE SPECS
A60	2x4 ROCKWOOL TROFFER COVER OVER LIGHTS IN ROOM, REFER TO SPECS.
A66	COORDINATE RECESSED SPEAKERS WITH AV/IT. REFER TO CONSULTANT PLANS

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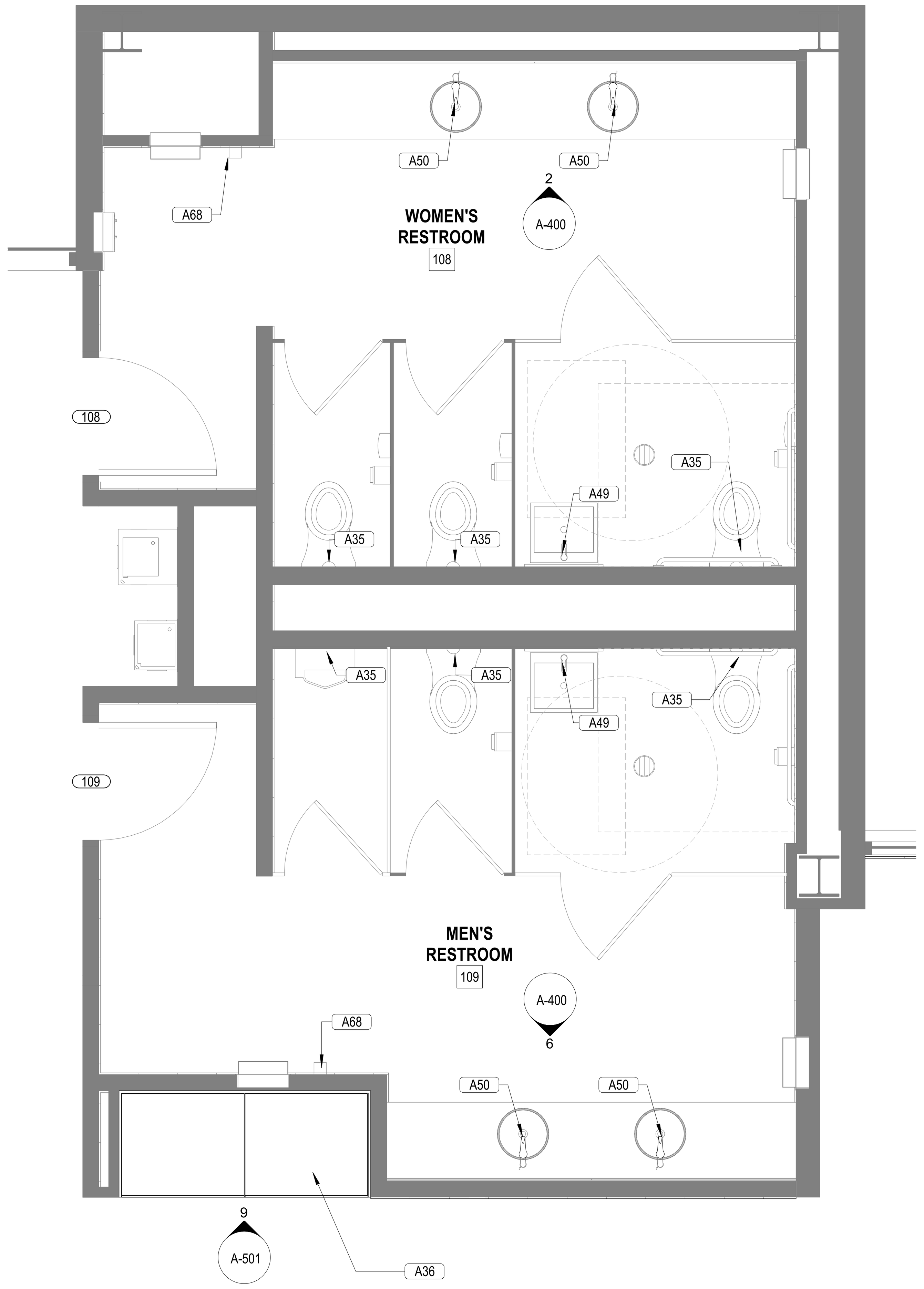
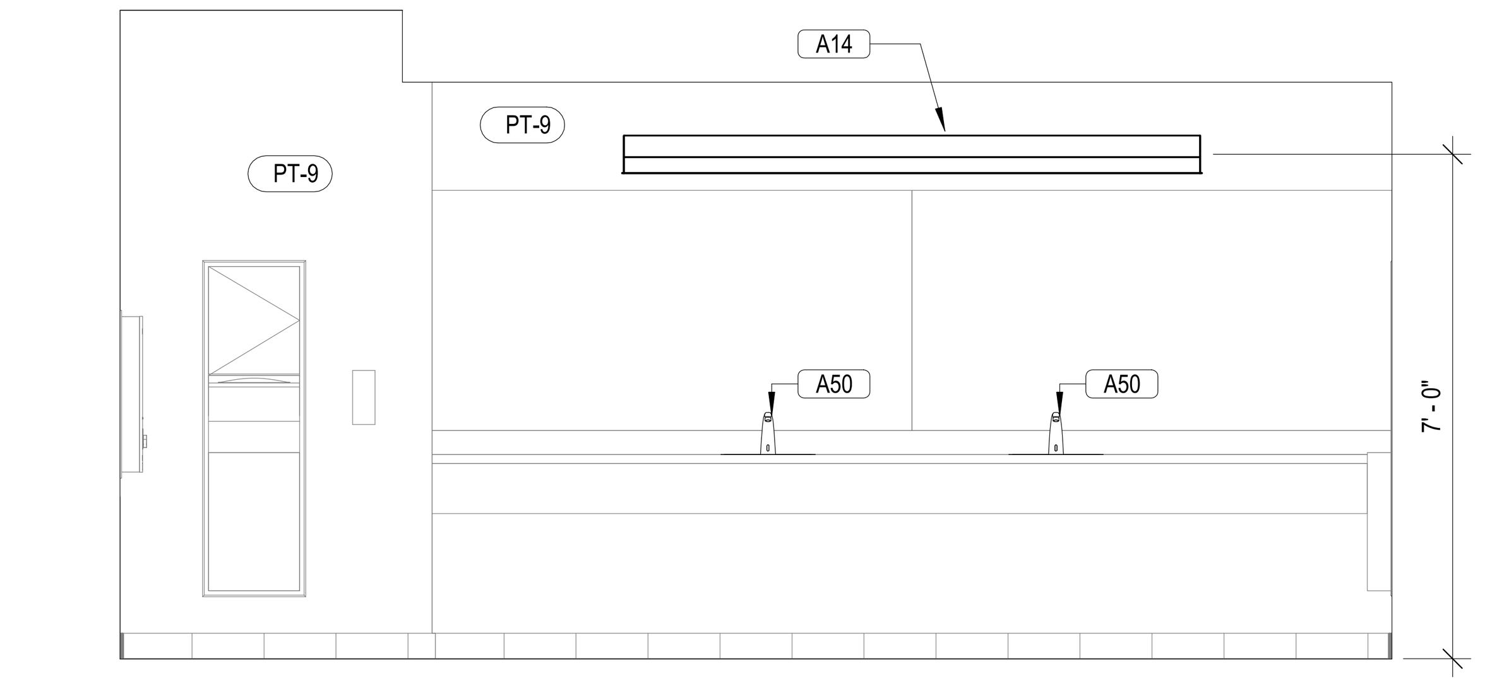
LEVEL 3 - RCP

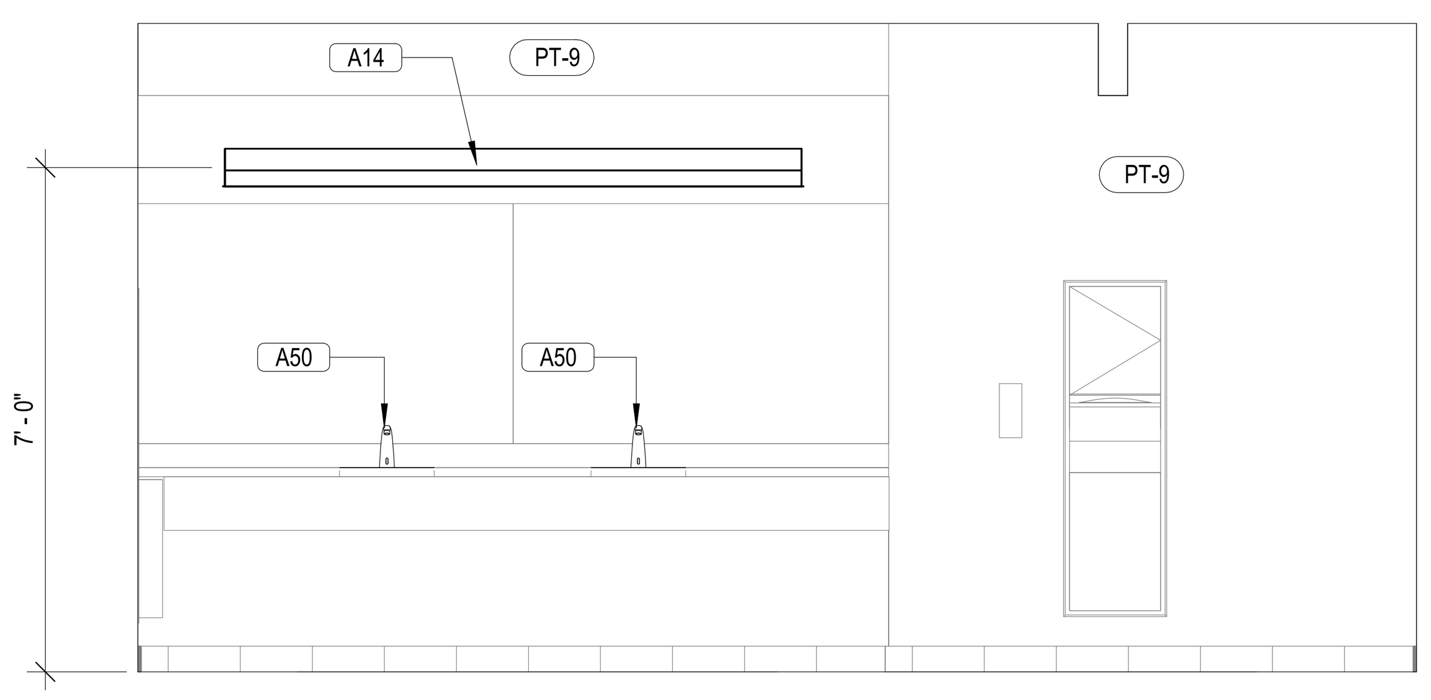
A-203



1 LEVEL 1, 2 & 3 - ENLARGED PLAN- RR 108,109,206,207,308 &309
3/8" = 1'-0"



2 WOMEN'S RR- 108, 206 & 308 (SIM) NORTH ELEVATION
3/8" = 1'-0"



6 MEN'S RR- 109,207 & 309 (SIM) SOUTH ELEVATION
3/8" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET G-104 FOR BATHROOM FIXTURE MOUNTING HEIGHTS AND INFORMATION.
2. REFER TO FINISH PLANS FOR SPECIFIC FINISHES ON SHEETS ID-100 SERIES
3. TOILET PARTITIONS TO BE FLOOR MOUNTED, PARTITIONS SHOULD HAVE A CONTINUOUS PLASTIC WALL BRACKET, PLASTIC SHOES, AND A CONTINUOUS HINGE.
4. ALIGN CENTER OF MIRRORS WITH CENTERLINE OF LAVATORIES, TYP. U.N.O.
5. MANUFACTURERS NOTED IN PLUMBING FIXTURES LEGEND TO BE USED AS BASIS OF DESIGN, UNLESS NOTED OTHERWISE. PLEASE SEE PLUMBING FOR REFERENCE.
6. ALL TOILET ACCESSORIES TO BE REUSED AND INSTALLED BY CONTRACTOR, UNLESS OTHERWISE NOTED.
7. CONTRACTOR TO PROVIDE PRESSURE TREATED WOOD BLOCKING INSIDE WALL PARTITIONS FOR ALL FIXTURES (AS REQUIRED AS PER CONSTRUCTION AND/ OR MANUFACTURER).
8. PROVIDE COAT HOOKS AT EVERY TOILET STALL, INSTALL AT 48" A.F.F, UNLESS NOTED OTHERWISE.
9. FOLLOW ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS.
10. START TILE AS DEPICTED ON ELEVATIONS AND ALIGN GROUT JOINTS IN FLOOR TILE WITH GROUT JOINTS WITH WALL TILE.
11. FOR ALL PLUMBING FIXTURES TO REMAIN, VERIFY IN FIELD LOCATION AND DIMENSIONS COMPLY WITH FBC 604, 605, & 606. NOTIFY ARCHITECT.

SPECIFIC KEYNOTES - ENLARGED PLANS AND ELEVATIONS

NUMBER	TEXT
A14	NEW VANITY LIGHT FIXTURE, REFER TO ELECTRICAL.
A18	CEILING MOUNTED TV WITH ADJUSTABLE SWING BRACKET. COORDINATE ALL LOCATIONS OF TVS AND MOUNTING HEIGHT WITH AV/IT AND ARCHTIECT PRIOR TO WORK.
A26	VIRTUAL RECEPTION. REFER TO AV/IT AND ELECTRICAL.
A28	FRAMELESS LOCKABLE PASS-THRU WINDOW. REFER TO STOREFRONT ELEVATIONS.
A29	NEW UNDERMOUNT SINK, REFER TO PLUMBING
A30	EXISTING INTERIOR STOREFRONT TO REMAIN
A31	EXISTING EXTERIOR STOREFRONT TO REMAIN
A32	NEW DOOR, REFER TO DOOR SCHEDULE
A33	NEW LIGHT FIXTURE, REFER TO ELECTRICAL
A34	NEW INTERIOR STOREFRONT, SEE STOREFRONT ELEVATIONS
A35	NEW AUTOMATIC FLUSH VALVES FOR EXISTING PUMBING FIXTURES, REFER TO PLUMBING.
A36	MEMORABILIA DISPLAY
A42	MEMORABILIA DISPLAY CABINET,SEE MILLWORK
A46	ALL GLAZING TO RECEIVE 3M ULTRA PRESTIGE SERIES UPRS50 WITH 3M “WET GLAZE”, AND 3M IMPACT PROTECTION ATTACHMENT SYSTEM. REFER TO SPECIFICATIONS.
A47	BYPASS SLIDING CLOSET DOORS, SEE MILLWORK
A48	EXISTING SIGNAGE ON WALL TO REMAIN.
A49	NEW ADA AUTOMATIC FAUCET FOR EXISTING PUMBING FIXTURE, REFER TO PLUMBING.
A50	NEW AUTOMATIC FAUCET, REFER TO PLUMBING.
A51	PROVIDE FLOOR BOX WITH POWER, HDMI, TEL, & DATA, COORDINATE WITH FURNITURE, REFER TO ELECTRICAL AND AV/IT
A52	FRY REGLET 1" MILLWORK REVEAL BETWEEN LAMINATE PANELS, CLEAR ANODIZED TO MATCH HAND RAIL
A53	FRY REGLET MILLWORK REVEAL INSIDE CORNER AT VERTICAL CORNERS, CLEAR ANODIZED TO MATCH HAND RAIL
A54	FRY REGLET 4" MILLWORK REVEAL BASE, CLEAR ANODIZED TO MATCH HAND RAIL
A55	LAMINATE TO EXTEND PAST CEILING LINE
A56	2" FLAT BAR STAINLESS STEEL TO MATCH EXISTING CAB FINISH
A57	EXISTING GRILL VIF, REPLACE GRILL TO MATCH PL-6
A61	GREEN GLUE ACOUSTICAL CAULKING AROUND ENTIRE PERIMETER OF WALL
A63	PATCH AND REPAIR ANY PENETRATIONS IN WALL FROM DEMOLITION
A64	EXISTING DAIS AND PODIUM TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
A65	COORDINATE WITH OWNER ANY EQUIPMENT TO BE REMOVED PRIOR TO ANY WORK.
A67	CPU HOLDER, SEE MILLWORK
A68	PROVIDE HAND SANITIZERS IN BATHROOMS THAT DO NOT HAVE EXISTING. VERIFY IN FIELD.
ID01	DAIS, SEE MILLWORK SECTIONS FOR DETAILS, PROVIDE GROMMETS LOCATIONS TBD
ID03	SUSPENDED ACOUSTICAL CEILING BAFFLES, REFER TO RCP
ID04	WALL COVERING, SEE FINISH SCHEDULE. COORDINATE AND V.I.F. LOCATION OF EXISTING AIR DIFFUSERS.
ID05	DISPLAY CASE FOR MEMORABILIA, SEE MILLWORK SECTIONS
ID06	ELECTRIC WATER HEATER AND REVERSE OSMOSIS FILTER IN SINK CABINET, SEE PLUMBING AND ELECTRICAL FOR REFERENCE
ID07	FULL HEIGHT CABINET WITH SLIDE IN DOORS, SEE MILLWORK SECTIONS
ID08	ADJUSTABLE GLASS DISPLAY SHELVES, SEE MILLWORK
ID09	PROVIDE GROMMETS, POWER AND DATA CONNECTIONS FOR EQUIPMENT
ID10	FILE FILE CABINETS WITH WORKTOP AND SIDES, COORDINATE WITH FURNITURE. SEE MILLWORK
ID11	PROVIDE FLEXIBLE CAP AT CORNER COLOR TO MATCH WALLCOVERING
ID12	DOORS PAINTED TO MATCH WALL, REFER TO FINISH SCHEDULE
ID13	PROVIDE KNEE WALL FOR MILLWORK SUPPORT
ID14	NEW OUTLETS, MATCH COLOR WITH WALL FINISH COLOR
ID16	EXISTING RECEPTION DESK TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
ID17	PROVIDE VENTILATION SLOT AT BOTTOM, RUNNING LENGTH OF CABINET

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THEA TMC OFFICE RENOVATION

1104 E TWIGGS ST. TAMPA, FL 33602

Project number
1924

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MILESTONE	DATE
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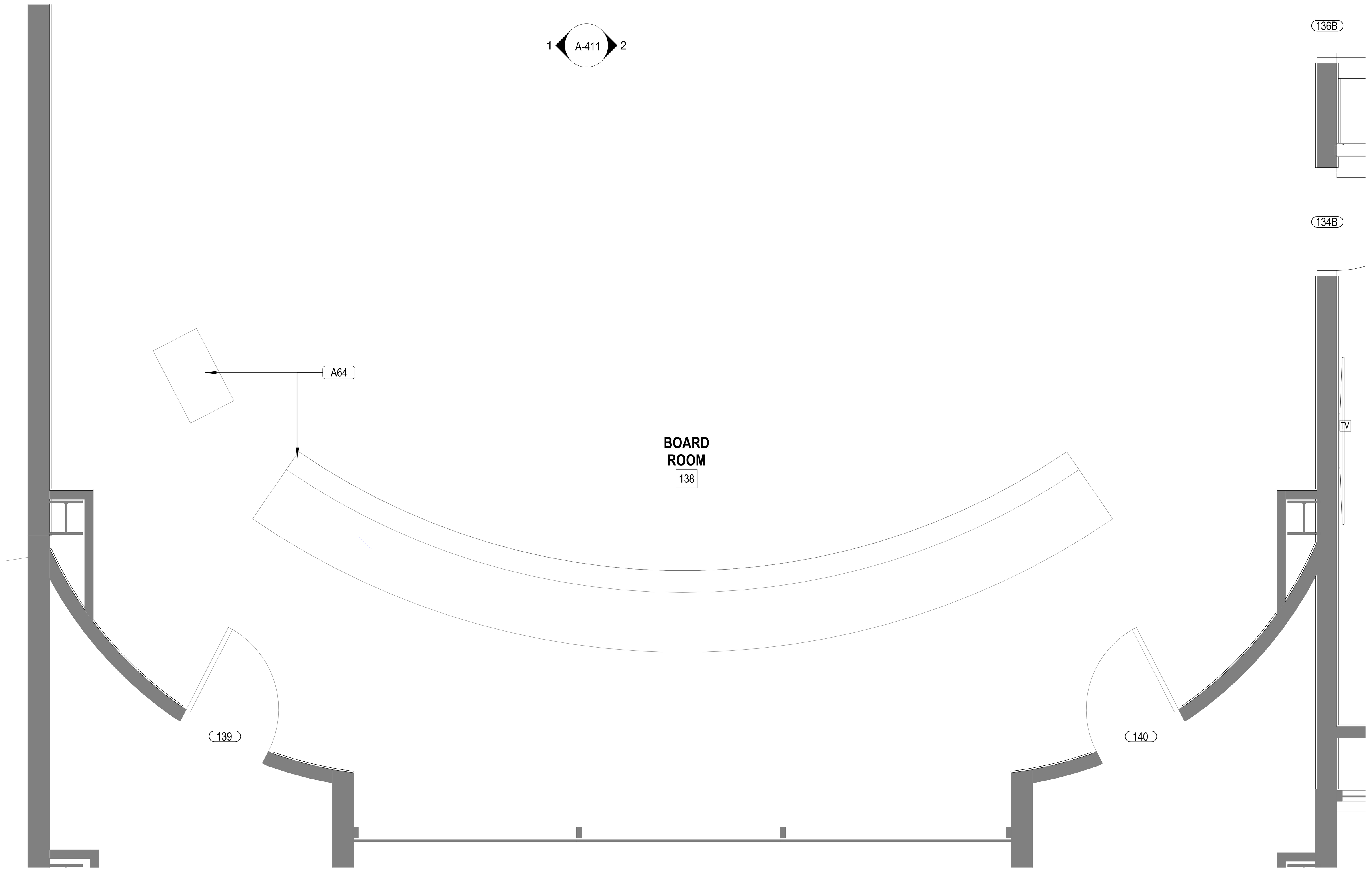
ENLARGED WATER CLOSET PLANS AND ELEVATIONS

A-400



1 LEVEL 1 - ENLARGED PLAN - BOARD ROOM 138
3/8" = 1'-0"

GENERAL NOTES INTERIOR ELEVATIONS

1. ALL ITEMS ON THE FURNITURE PLAN ARE OWNER FURNISHED AS PART OF A SEPARATE FF&E PACKAGE.
2. REFER TO SHEETS A-800 SERIES FOR DOOR AND HARDWARE INFORMATION.
3. PROVIDE SUPPORT FOR WALL MOUNTED CABINET AND PLUMBING FIXTURES. SEE GENERAL NOTES ON PARTITION TYPES ON SHEET A-800'S
4. PROVIDE CEMENTITIOUS BACKERBOARD IN PLACE OF GWB AT ALL LOCATIONS SHOWING CERAMIC OR PORCELAIN TILE FINISH.
5. SEE ID-100 SERIES FRO FINISH PLANS AND SCHEDULES.
6. REFER TO SHEETS G-SERIES FOR MOUNTING HEIGHTS, GUIDELINES AND PLACEMENT REQUIREMENTS FOR ELECTRICAL, FIRE AND SIGNAGE DEVICES.
7. REFER TO PLUMBING FOR PLUMBING FIXTURE SCHEDULE.
8. COMBUSTIBLE MATERIALS IN TYPES I & II CONSTRUCTION TO COMPLY WIHT FBC 603.1 (FIRE RETARDANT - TREATED WOOD) AND 805.1 & 806.1
9. SEE SHEET A-120 SERIES FOR DIMENSION PLANS.
10. CENTER CEILING MOUNTED LIGHT FIXTURES UNLESS OTHERWISE NOTED. SEE ELECTRICAL DRAWINGS FOR LOCATIONS.
11. PROVIDE LOCKS ON CABINETS AS REQUIRED BY OWNER.
12. SEE SHEETS ID-300'S FOR EQUIPMENT SCHEDULES.

SPECIFIC KEYNOTES - ENLARGED PLANS AND ELEVATIONS

NUMBER	TEXT
A14	NEW VANITY LIGHT FIXTURE, REFER TO ELECTRICAL.
A18	CEILING MOUNTED TV WITH ADJUSTABLE SWING BRACKET. COORDINATE ALL LOCATIONS OF TVS AND MOUNTING HEIGHT WITH AV/IT AND ARCHTIECT PRIOR TO WORK.
A26	VIRTUAL RECEPTION. REFER TO AV/IT AND ELECTRICAL.
A28	FRAMELESS LOCKABLE PASS-THRU WINDOW. REFER TO STOREFRONT ELEVATIONS.
A29	NEW UNDERMOUNT SINK, REFER TO PLUMBING
A30	EXISTING INTERIOR STOREFRONT TO REMAIN
A31	EXISTING EXTERIOR STOREFRONT TO REMAIN
A32	NEW DOOR, REFER TO DOOR SCHEDULE
A33	NEW LIGHT FIXTURE, REFER TO ELECTRICAL
A34	NEW INTERIOR STOREFRONT, SEE STOREFRONT ELEVATIONS
A35	NEW AUTOMATIC FLUSH VALVES FOR EXISTING PUMBING FIXTURES, REFER TO PLUMBING.
A36	MEMORABILIA DISPLAY
A42	MEMORABILIA DISPLAY CABINET,SEE MILLWORK
A46	ALL GLAZING TO RECEIVE 3M ULTRA PRESTIGE SERIES UPRS50 WITH 3M "WET GLAZE", AND 3M IMPACT PROTECTION ATTACHMENT SYSTEM. REFER TO SPECIFICATIONS.
A47	BYPASS SLIDING CLOSET DOORS, SEE MILLWORK
A48	EXISTING SIGNAGE ON WALL TO REMAIN.
A49	NEW ADA AUTOMATIC FAUCET FOR EXISTING PUMBING FIXTURE, REFER TO PLUMBING.
A50	NEW AUTOMATIC FAUCET, REFER TO PLUMBING.
A51	PROVIDE FLOOR BOX WITH POWER, HDMI, TEL, & DATA, COORDINATE WITH FURNITURE, REFER TO ELECTRICAL AND AV/IT
A52	FRY REGLET 1" MILLWORK REVEAL BETWEEN LAMINATE PANELS, CLEAR ANODIZED TO MATCH HAND RAIL
A53	FRY REGLET MILLWORK REVEAL INSIDE CORNER AT VERTICAL CORNERS, CLEAR ANODIZED TO MATCH HAND RAIL
A54	FRY REGLET 4" MILLWORK REVEAL BASE, CLEAR ANODIZED TO MATCH HAND RAIL
A55	LAMINATE TO EXTEND PAST CEILING LINE
A56	2" FLAT BAR STAINLESS STEEL TO MATCH EXISTING CAB FINISH
A57	EXISTING GRILL VIF, REPLACE GRILL TO MATCH PL-6
A61	GREEN GLUE ACOUSTICAL CAULKING AROUND ENTIRE PERIMETER OF WALL
A63	PATCH AND REPAIR ANY PENETRATIONS IN WALL FROM DEMOLITION
A64	EXISTING DAIS AND PODIUM TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
A65	COORDINATE WITH OWNER ANY EQUIPMENT TO BE REMOVED PRIOR TO ANY WORK.
A67	CPU HOLDER, SEE MILLWORK
A68	PROVIDE HAND SANITIZERS IN BATHROOMS THAT DO NOT HAVE EXISTING. VERIFY IN FIELD.
ID01	DAIS, SEE MILLWORK SECTIONS FOR DETAILS, PROVIDE GROMMETS LOCATIONS TBD
ID03	SUSPENDED ACOUSTICAL CEILING BAFFLES, REFER TO RCP
ID04	WALL COVERING, SEE FINISH SCHEDULE. COORDINATE AND V.I.F. LOCATION OF EXISTING AIR DIFFUSERS.
ID05	DISPLAY CASE FOR MEMORABILIA, SEE MILLWORK SECTIONS
ID06	ELECTRIC WATER HEATER AND REVERSE OSMOSIS FILTER IN SINK CABINET, SEE PLUMBING AND ELECTRICAL FOR REFERENCE
ID07	FULL HEIGHT CABINET WITH SLIDE IN DOORS, SEE MILLWORK SECTIONS
ID08	ADJUSTABLE GLASS DISPLAY SHELVES, SEE MILLWORK
ID09	PROVIDE GROMMETS, POWER AND DATA CONNECTIONS FOR EQUIPMENT
ID10	FILE FILE CABINETS WITH WORKTOP AND SIDES, COORDINATE WITH FURNITURE. SEE MILLWORK
ID11	PROVIDE FLEXIBLE CAP AT CORNER COLOR TO MATCH WALLCOVERING
ID12	DOORS PAINTED TO MATCH WALL, REFER TO FINISH SCHEDULE
ID13	PROVIDE KNEE WALL FOR MILLWORK SUPPORT
ID14	NEW OUTLETS, MATCH COLOR WITH WALL FINISH COLOR
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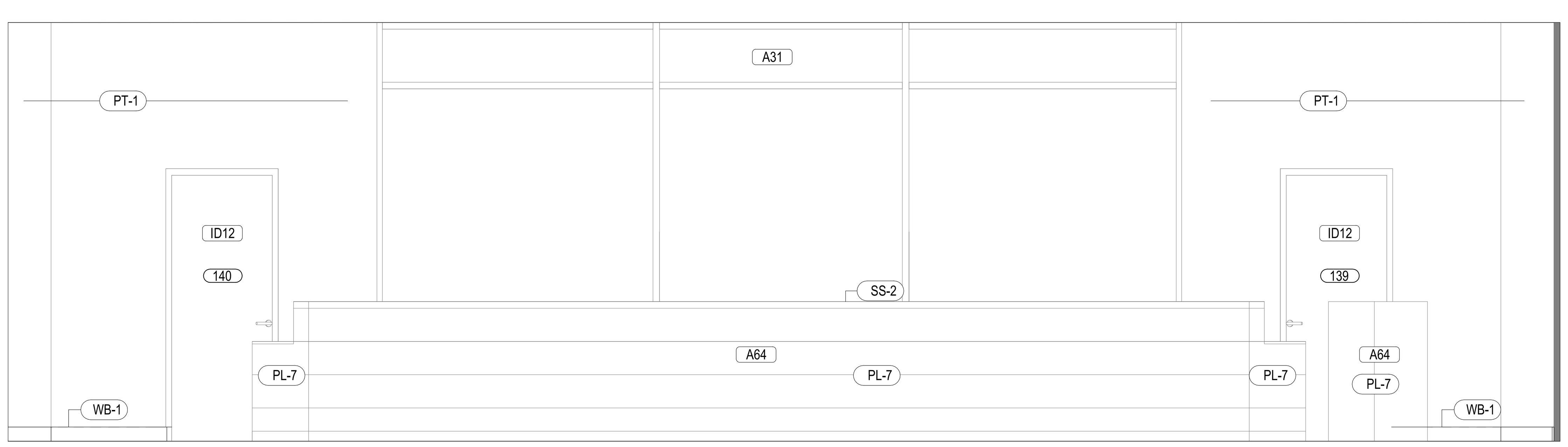
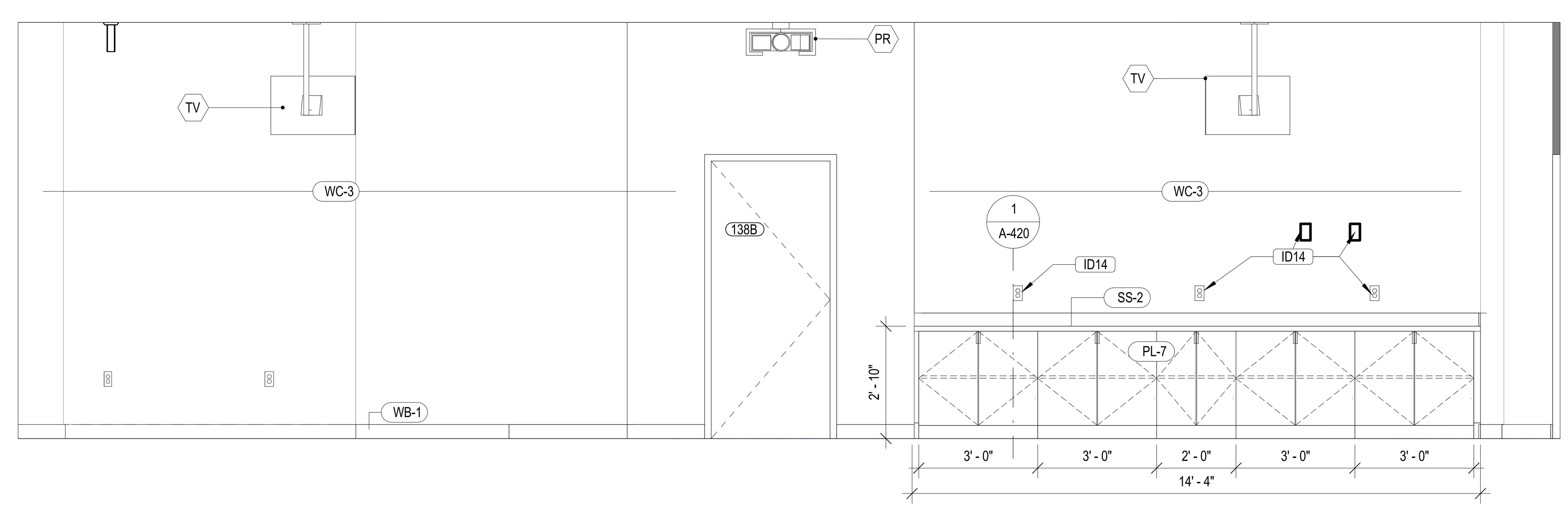
ID17	PROVIDE VENTILATION SLOT AT BOTTOM, RUNNING LENGTH OF CABINET

EQUIPMENT SCHEDULE - LEVEL 1

ITEM #	DESCRIPTION	MANUFACTURER	MODEL #	PROVIDED BY	INSTALLED BY	REMARKS
CM-1	DRIP COFFEE MAKER	BUNN	VP17-3	CONTRACTOR	CONTRACTOR	
CP-1	FULL SIZE COPIER	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
DW	DISHWASHER	GE	GDF530PSMSS	CONTRACTOR	CONTRACTOR	
MW-1	MICROWAVE	GE	JES1657SMSS	CONTRACTOR	CONTRACTOR	
PR	PROJECTOR, CEILING MOUNTED	-	-			
PS	CEILING RECESSED PROJECTION SCREEN	DRAPER, INC.	ACCESS/SERIES E	CONTRACTOR	CONTRACTOR	
RF-1	REFRIGERATOR	GE	GTE19JSNRSS	CONTRACTOR	CONTRACTOR	NO ICE
RF-3	EXISTING UC REF. RELOCATED					NO ICE
SH-2	6' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
TV	LCD TV	BY OWNER				
TV-2	70" LCD TV	BY OWNER	50ES6305U			
WD-2	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	



2 BOARDROOM 138- EAST ELEVATION
3/8" = 1'-0"



3 BOARDROOM 138 - WEST ELEVATION
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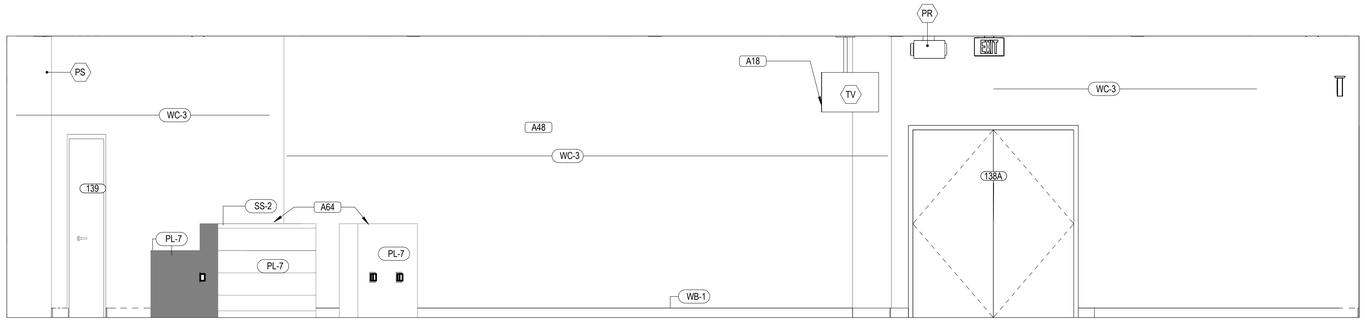
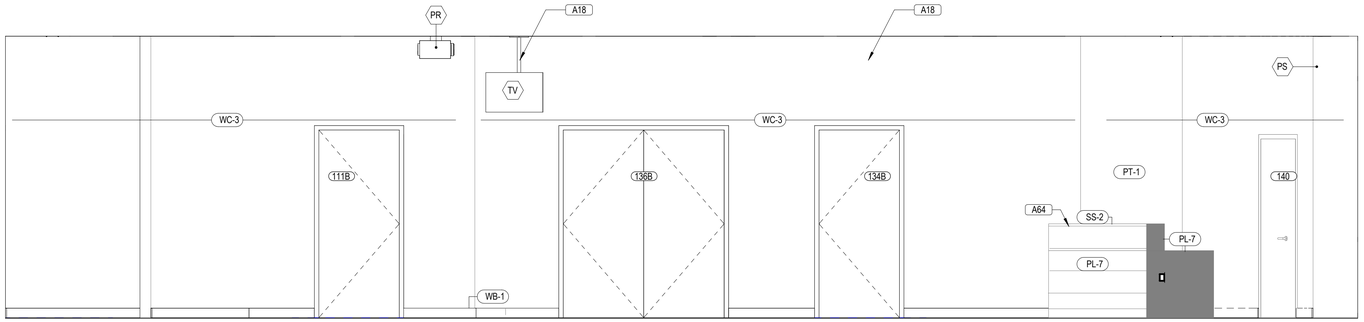
ENLARGED FLOOR PLANS AND ELEVATIONS

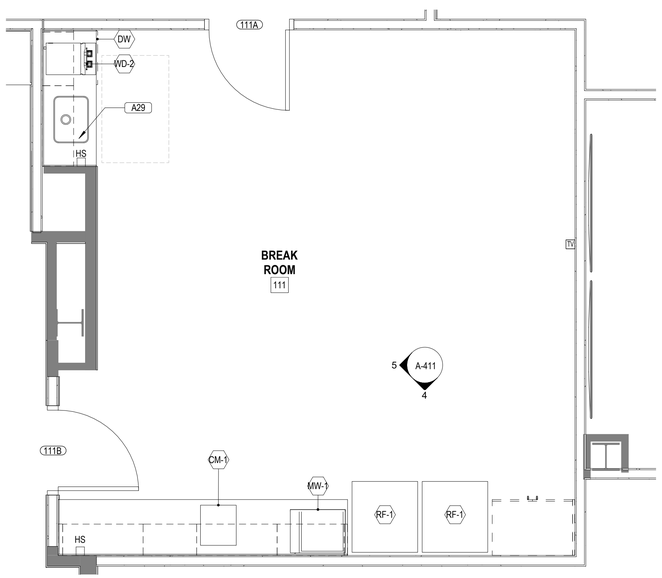
A-410



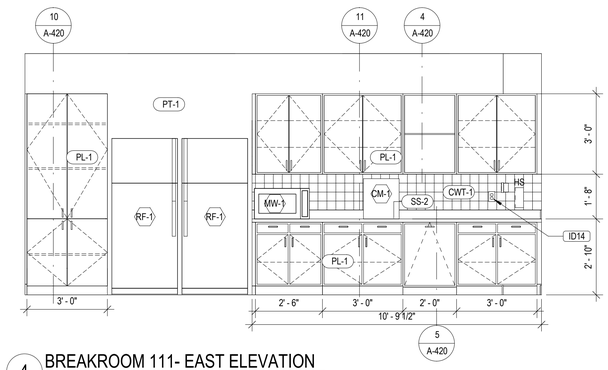
1 BOARDROOM 138- SOUTH ELEVATION
3/8" = 1'-0"



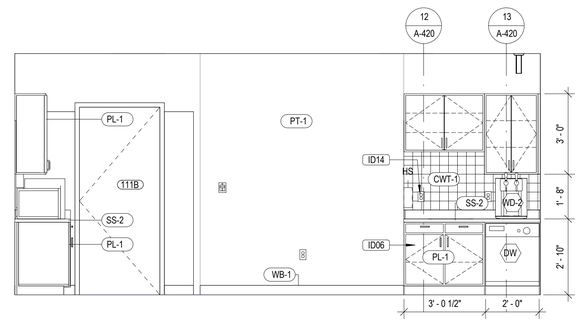
2 BOARDROOM 138- NORTH ELEVATION
3/8" = 1'-0"



3 LEVEL 1 - ENLARGED PLAN - BREAKROOM 111
3/8" = 1'-0"



4 BREAKROOM 111- EAST ELEVATION
3/8" = 1'-0"



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3/8" = 1'-0"

GENERAL NOTES INTERIOR ELEVATIONS

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4. PROVIDE CEMENTITIOUS BACKERBOARD IN PLACE OF GWB AT ALL LOCATIONS SHOWING CERAMIC OR PORCELAIN TILE FINISH.
5. SEE ID-100 SERIES FRO FINISH PLANS AND SCHEDULES.
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7. REFER TO PLUMBING FOR PLUMBING FIXTURE SCHEDULE.
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11. PROVIDE LOCKS ON CABINETS AS REQUIRED BY OWNER.
12. SEE SHEETS ID-300'S FOR EQUIPMENT SCHEDULES.

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A30	EXISTING INTERIOR STOREFRONT TO REMAIN
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A55	LAMINATE TO EXTEND PAST CEILING LINE
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A67	CPU HOLDER, SEE MILLWORK
A68	PROVIDE HAND SANITIZERS IN BATHROOMS THAT DO NOT HAVE EXISTING. VERIFY IN FIELD.
ID01	DAIS, SEE MILLWORK SECTIONS FOR DETAILS, PROVIDE GROMMETS LOCATIONS TBD
ID03	SUSPENDED ACOUSTICAL CEILING BAFFLES, REFER TO RCP
ID04	WALL COVERING, SEE FINISH SCHEDULE. COORDINATE AND V.I.F. LOCATION OF EXISTING AIR DIFFUSERS.
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EQUIPMENT SCHEDULE - LEVEL 1

ITEM #	DESCRIPTION	MANUFACTURER	MODEL #	PROVIDED BY	INSTALLED BY	REMARKS
CM-1	DRIP COFFEE MAKER	BUNN	VP17-3	CONTRACTOR	CONTRACTOR	
CP-1	FULL SIZE COPIER	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
DW	DISHWASHER	GE	GDF530PSMSS	CONTRACTOR	CONTRACTOR	
MW-1	MICROWAVE	GE	JES1657SMSS	CONTRACTOR	CONTRACTOR	
PR	PROJECTOR, CEILING MOUNTED	-	-			
PS	CEILING RECESSED PROJECTION SCREEN	DRAPER, INC.	ACCESS/SERIES E	CONTRACTOR	CONTRACTOR	
RF-1	REFRIGERATOR	GE	GTE19JSNRSS	CONTRACTOR	CONTRACTOR	NO ICE
RF-3	EXISTING UC REF. RELOCATED					NO ICE
SH-2	6' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
TV	LCD TV	BY OWNER				
TV-2	70" LCD TV	BY OWNER	50ES6305U			
WD-2	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	

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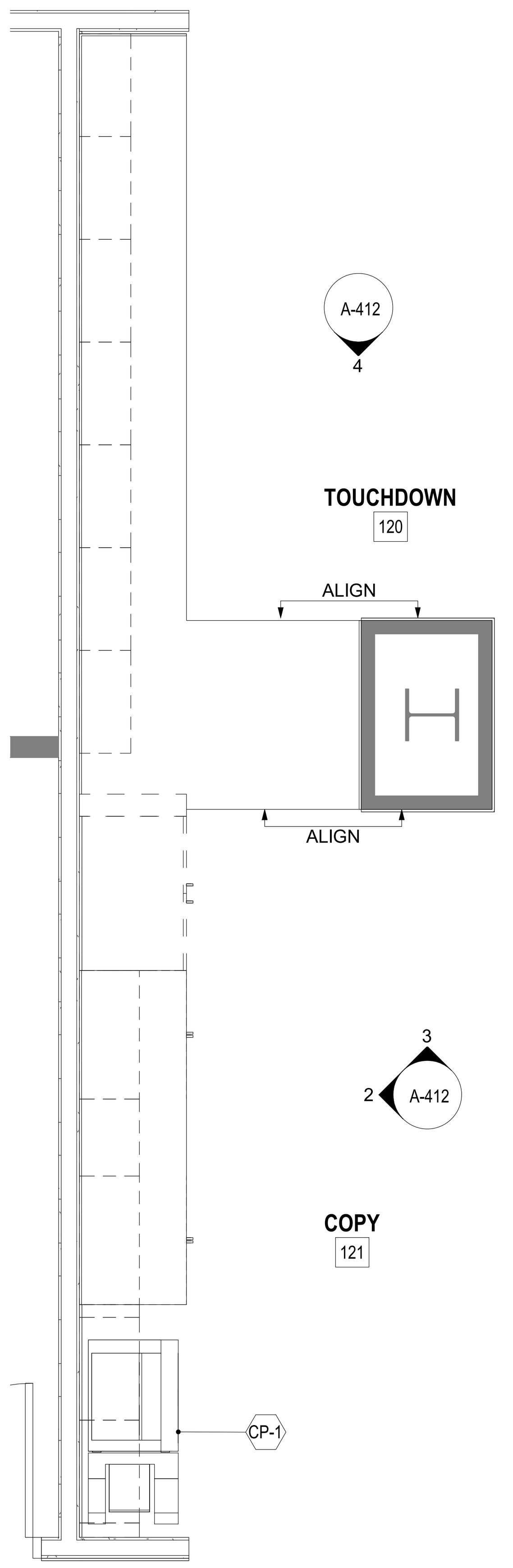
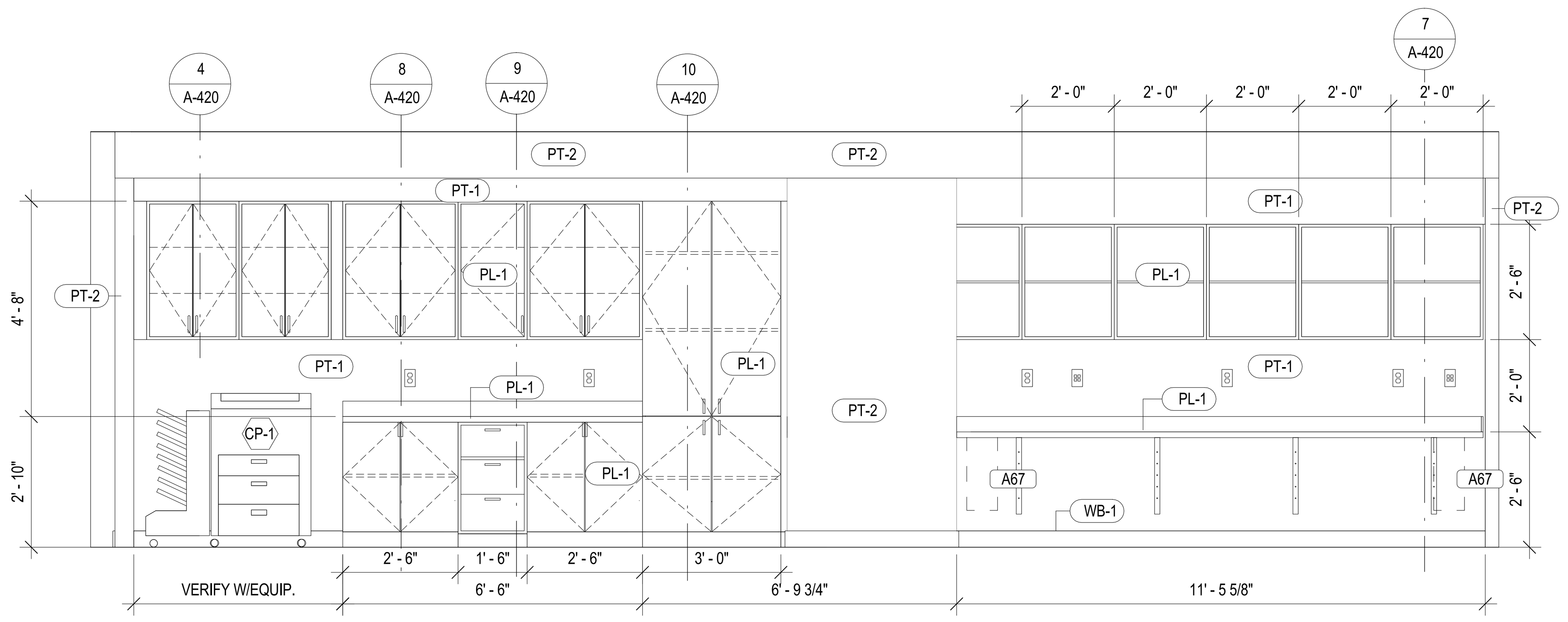
ENLARGED FLOOR PLANS AND ELEVATIONS

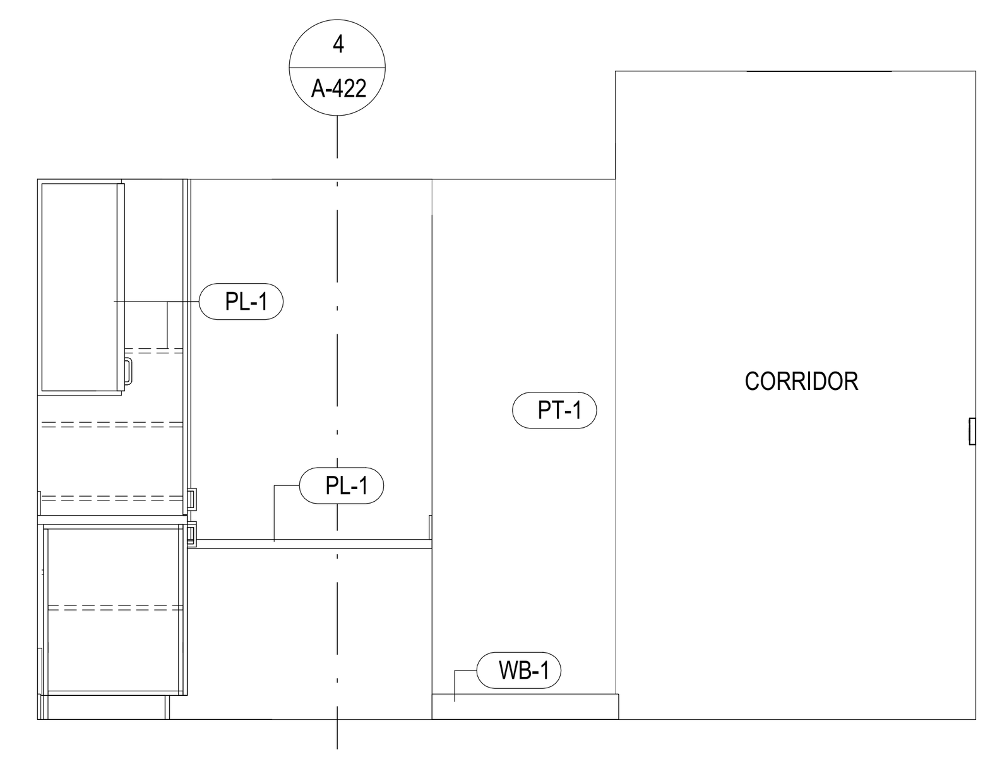
A-411



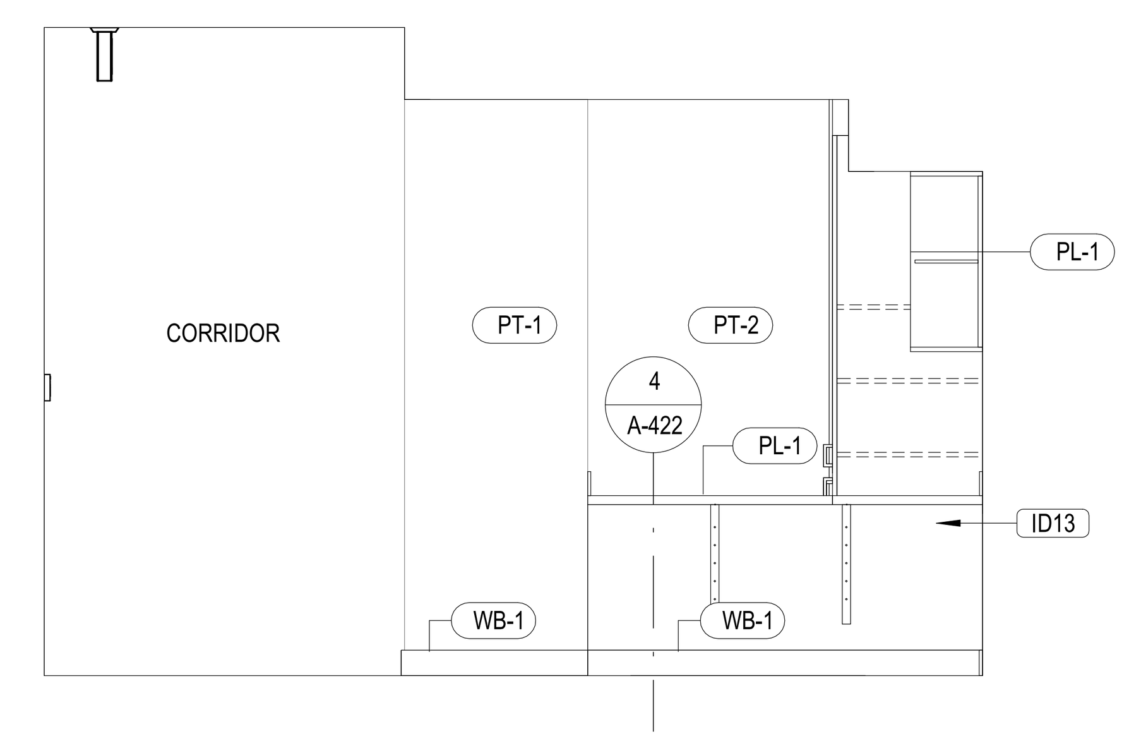
1 LEVEL 1 - ENLARGED PLAN TOUCHDOWN 120 & COPY 121
3/8" = 1'-0"



2 TOUCHDOWN 120/COPY121 - SOUTH ELEVATION
3/8" = 1'-0"



3 COPY 121- WEST ELEVATION
3/8" = 1'-0"



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ID11	PROVIDE FLEXIBLE CAP AT CORNER COLOR TO MATCH WALLCOVERING
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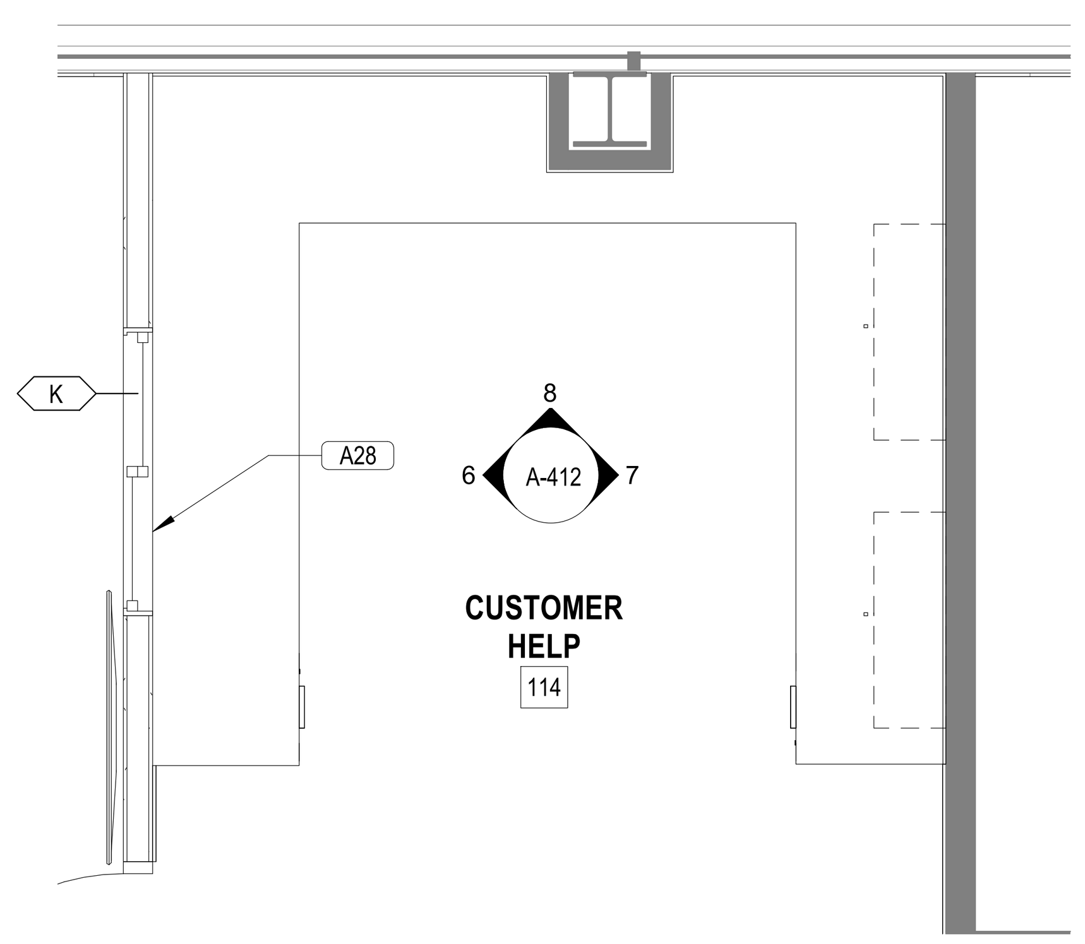
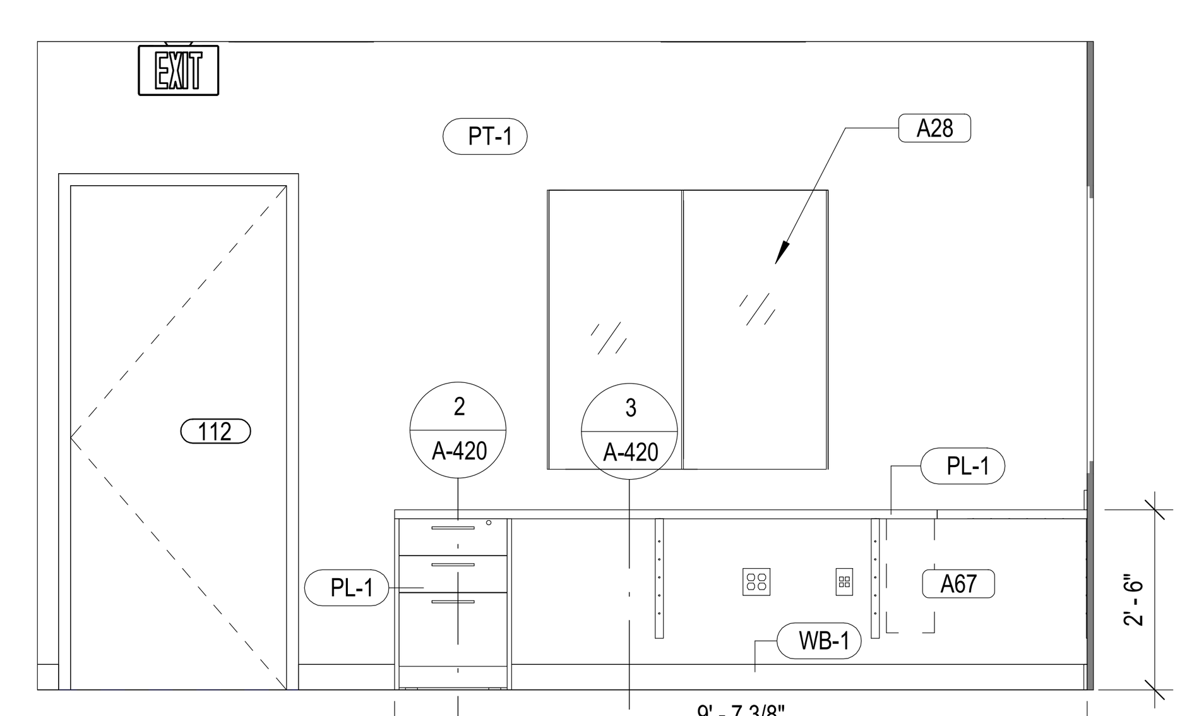
ID13	PROVIDE KNEE WALL FOR MILLWORK SUPPORT
ID14	NEW OUTLETS, MATCH COLOR WITH WALL FINISH COLOR
ID16	EXISTING RECEPTION DESK TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
ID17	PROVIDE VENTILATION SLOT AT BOTTOM, RUNNING LENGTH OF CABINET

EQUIPMENT SCHEDULE - LEVEL 1

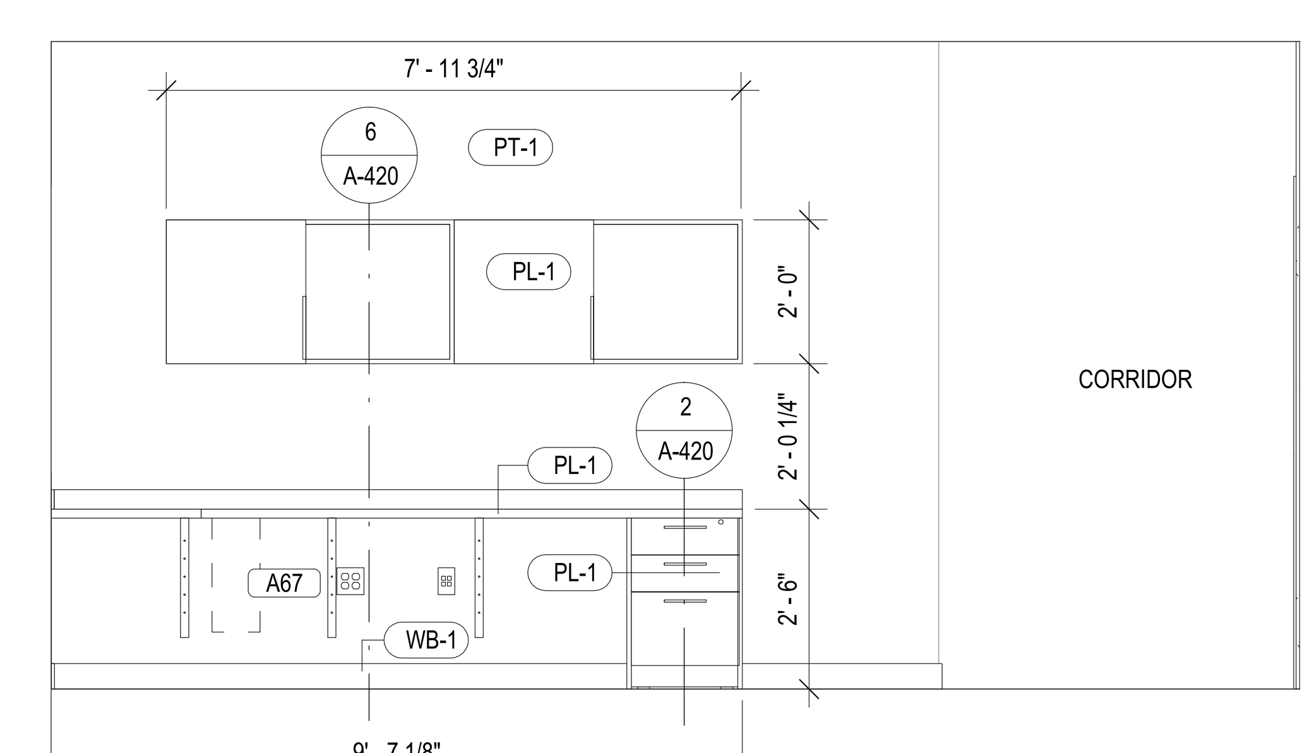
ITEM #	DESCRIPTION	MANUFACTURER	MODEL #	PROVIDED BY	INSTALLED BY	REMARKS
CM-1	DRIP COFFEE MAKER	BUNN	VP17-3	CONTRACTOR	CONTRACTOR	
CP-1	FULL SIZE COPIER	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
DW	DISHWASHER	GE	GDF530PSMSS	CONTRACTOR	CONTRACTOR	
MW-1	MICROWAVE	GE	JES1657SMSS	CONTRACTOR	CONTRACTOR	
PR	PROJECTOR, CEILING MOUNTED	-	-			
PS	CEILING RECESSED PROJECTION SCREEN	DRAPER, INC.	ACCESS/SERIES E	CONTRACTOR	CONTRACTOR	
RF-1	REFRIGERATOR	GE	GTE19JSNRSS	CONTRACTOR	CONTRACTOR	NO ICE
RF-3	EXISTING UC REF. RELOCATED					NO ICE
SH-2	6' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
TV	LCD TV	BY OWNER				
TV-2	70" LCD TV	BY OWNER	50ES6305U			
WD-2	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	



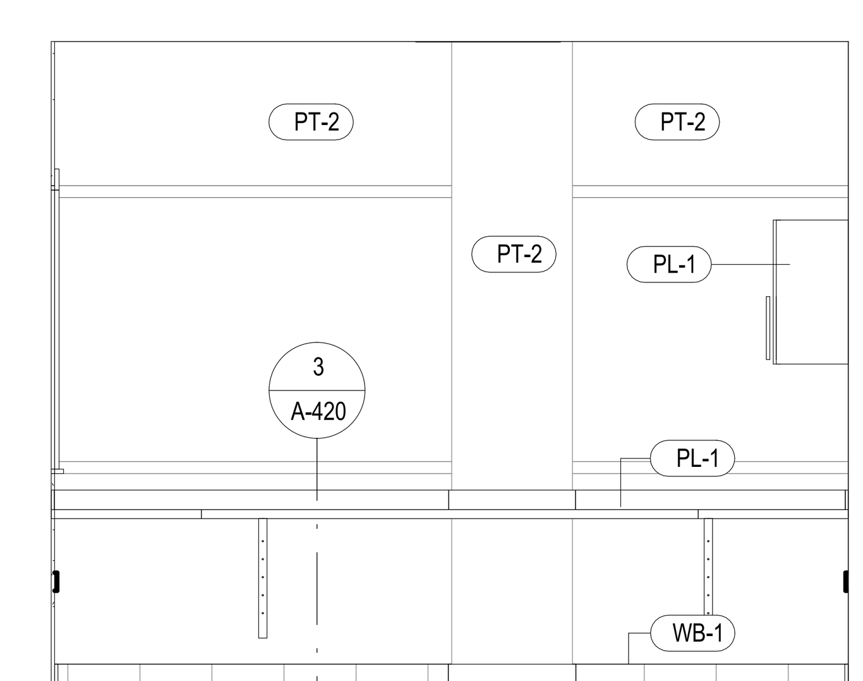
5 LEVEL 1 - ENLARGED PLAN- CUSTOMER HELP 114
3/8" = 1'-0"



6 CUSTOMER HELP 114- SOUTH ELEVATION
3/8" = 1'-0"



7 CUSTOMER HELP 114- NORTH ELEVATION
3/8" = 1'-0"



8 CUSTOMER HELP 114 - WEST ELEVATION
3/8" = 1'-0"

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THEA TMC OFFICE RENOVATION

1104 E TWIGGS ST. TAMPA, FL 33602

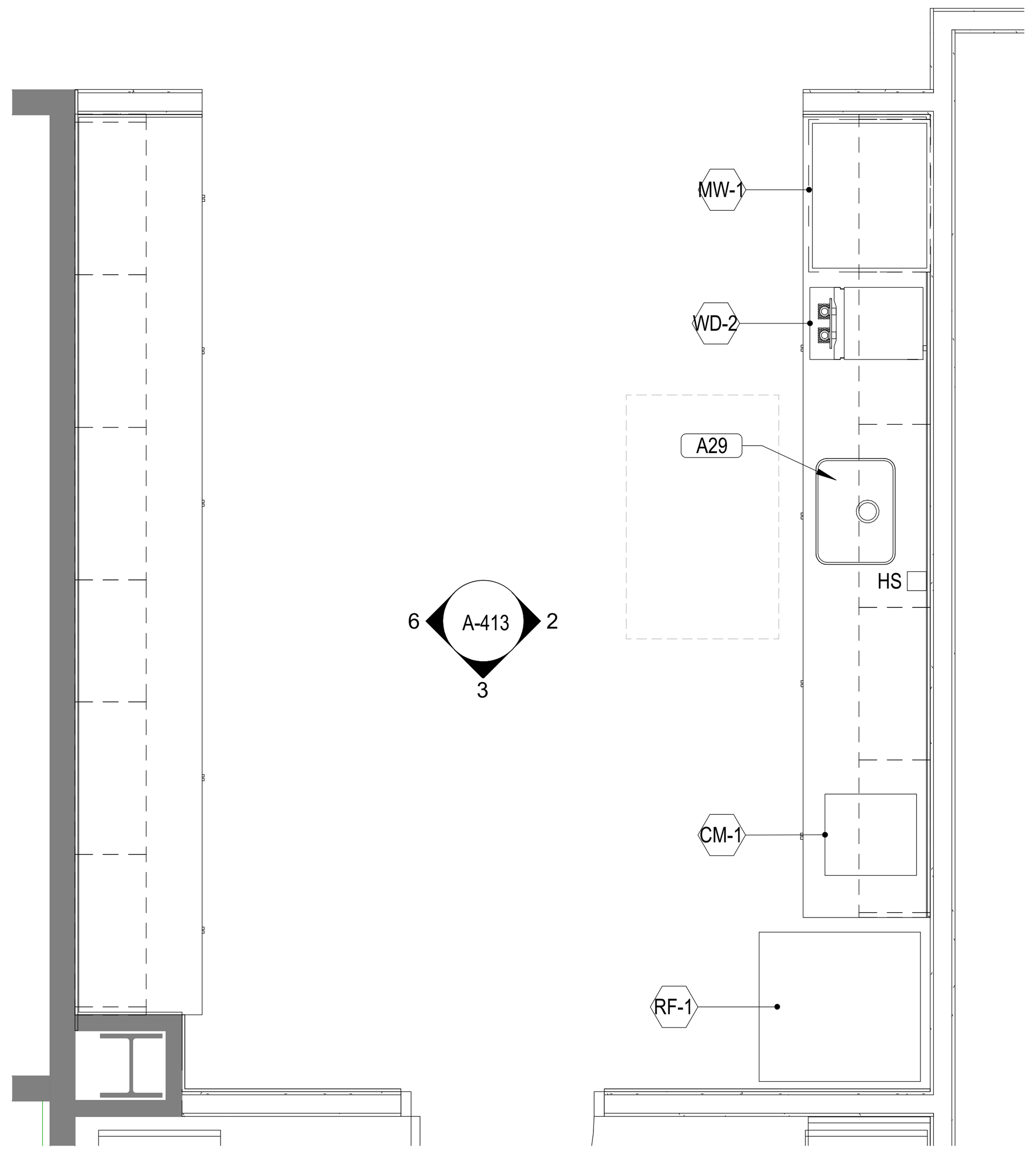
Project number
1924

DISTRIBUTION

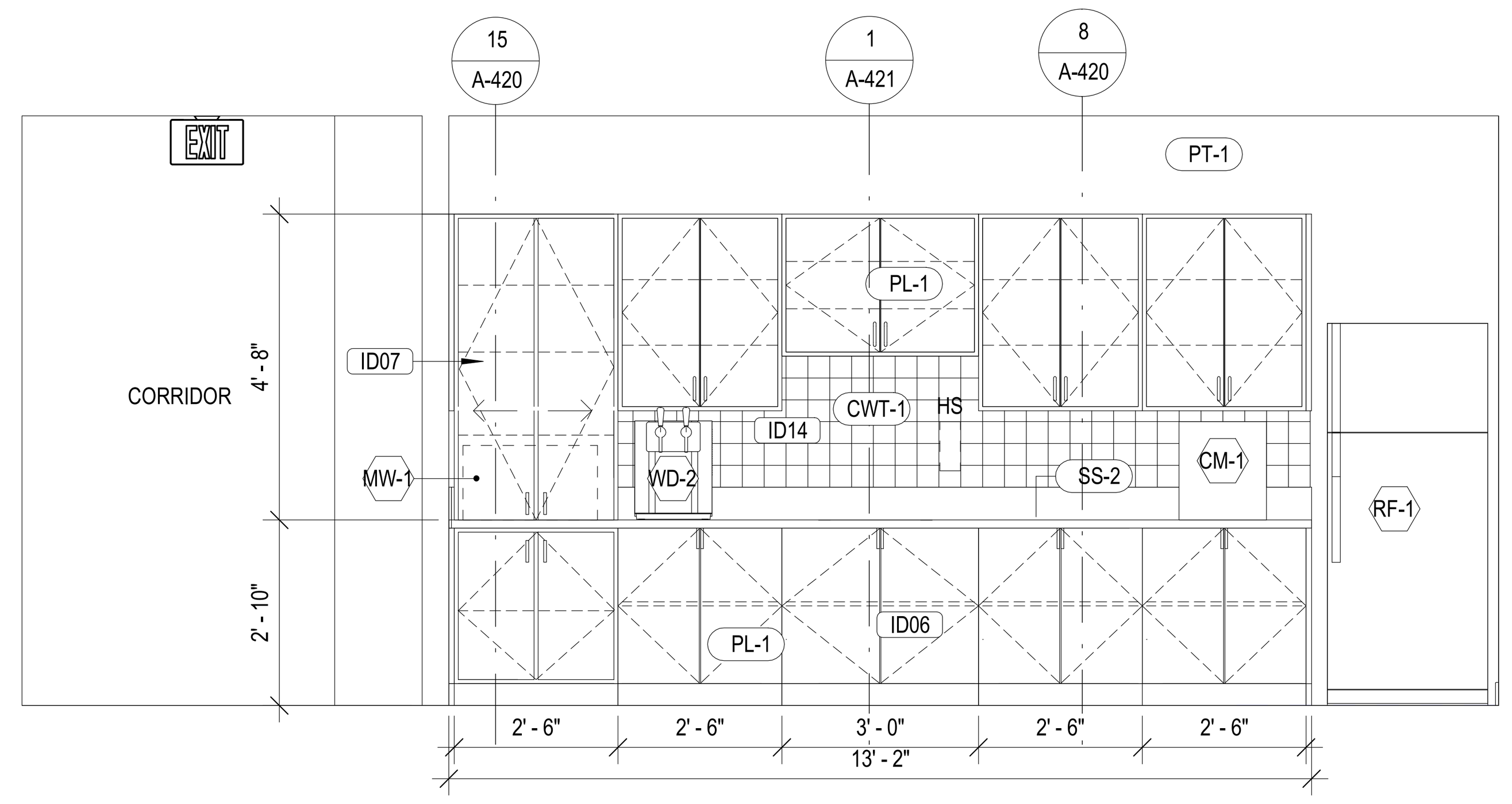
MILESTONE	DATE
PERMIT SET	5-7-2020
REV 1	8-7-2020

ENLARGED FLOOR PLANS AND ELEVATIONS

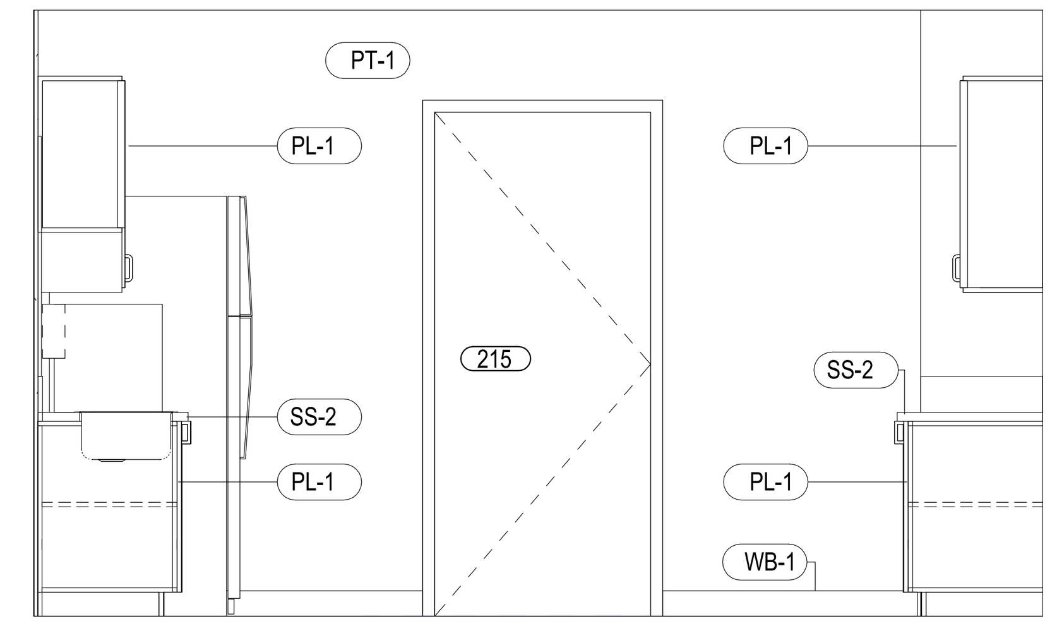
A-412



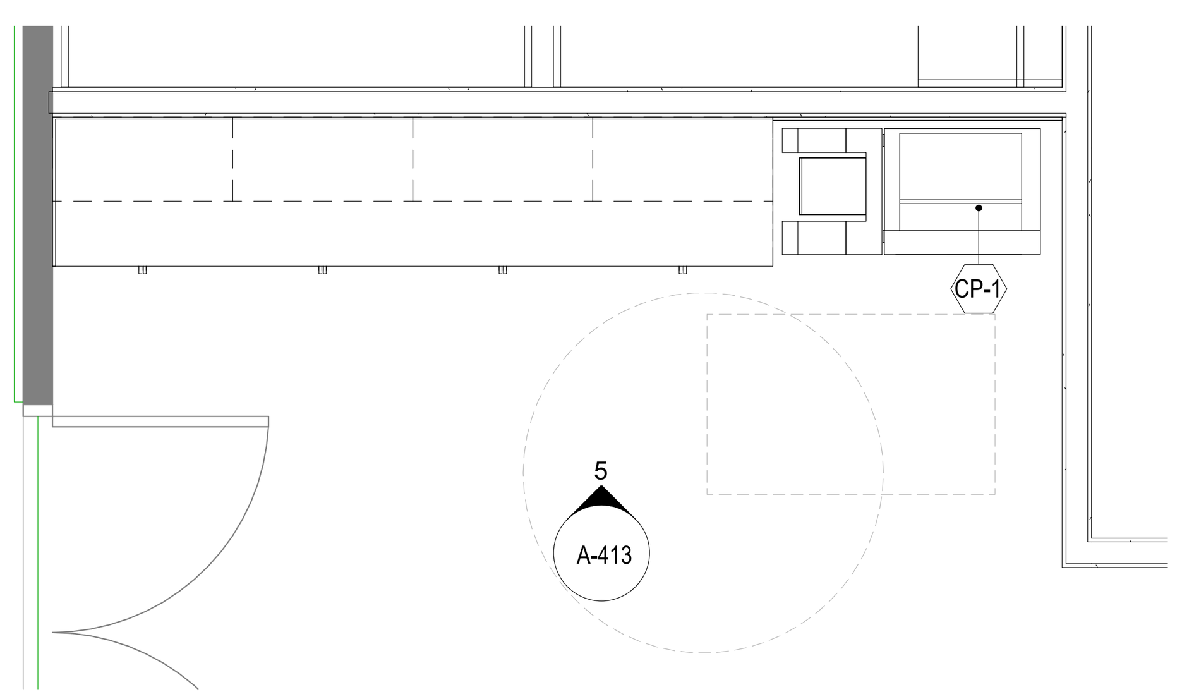
1 BREAK ROOM 230 - PLAN
3/8" = 1'-0"



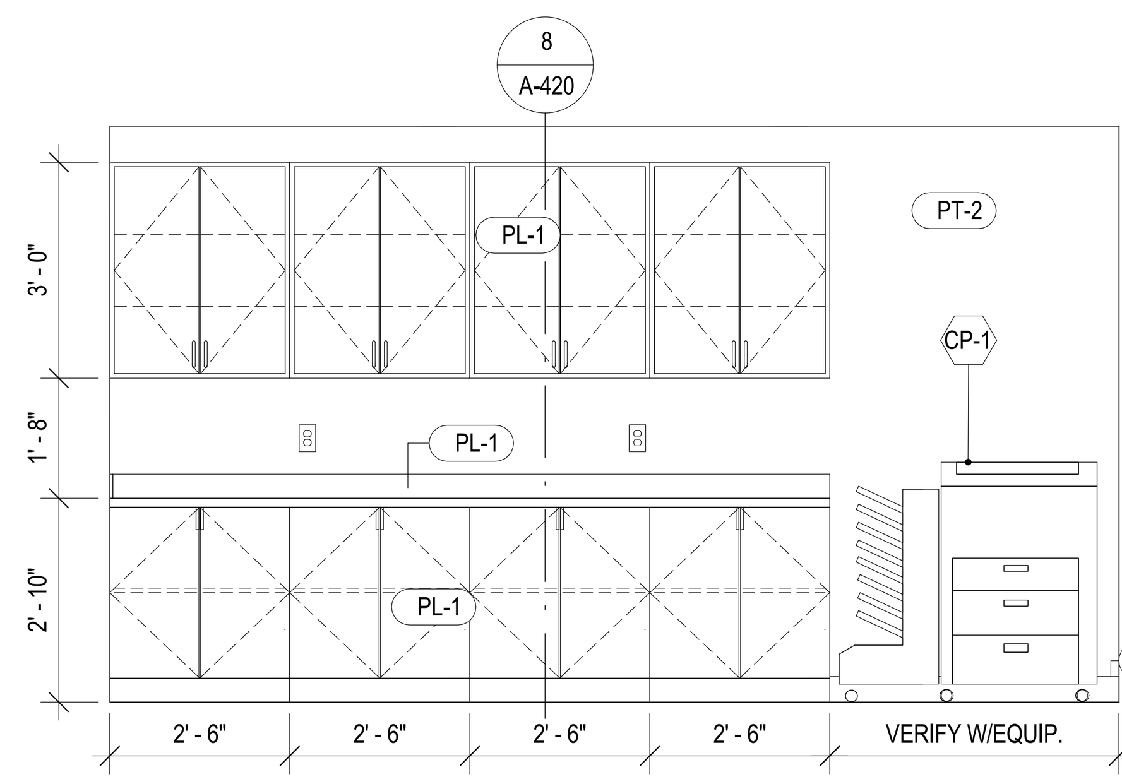
2 BREAK ROOM 230- NORTH ELEVATION
3/8" = 1'-0"



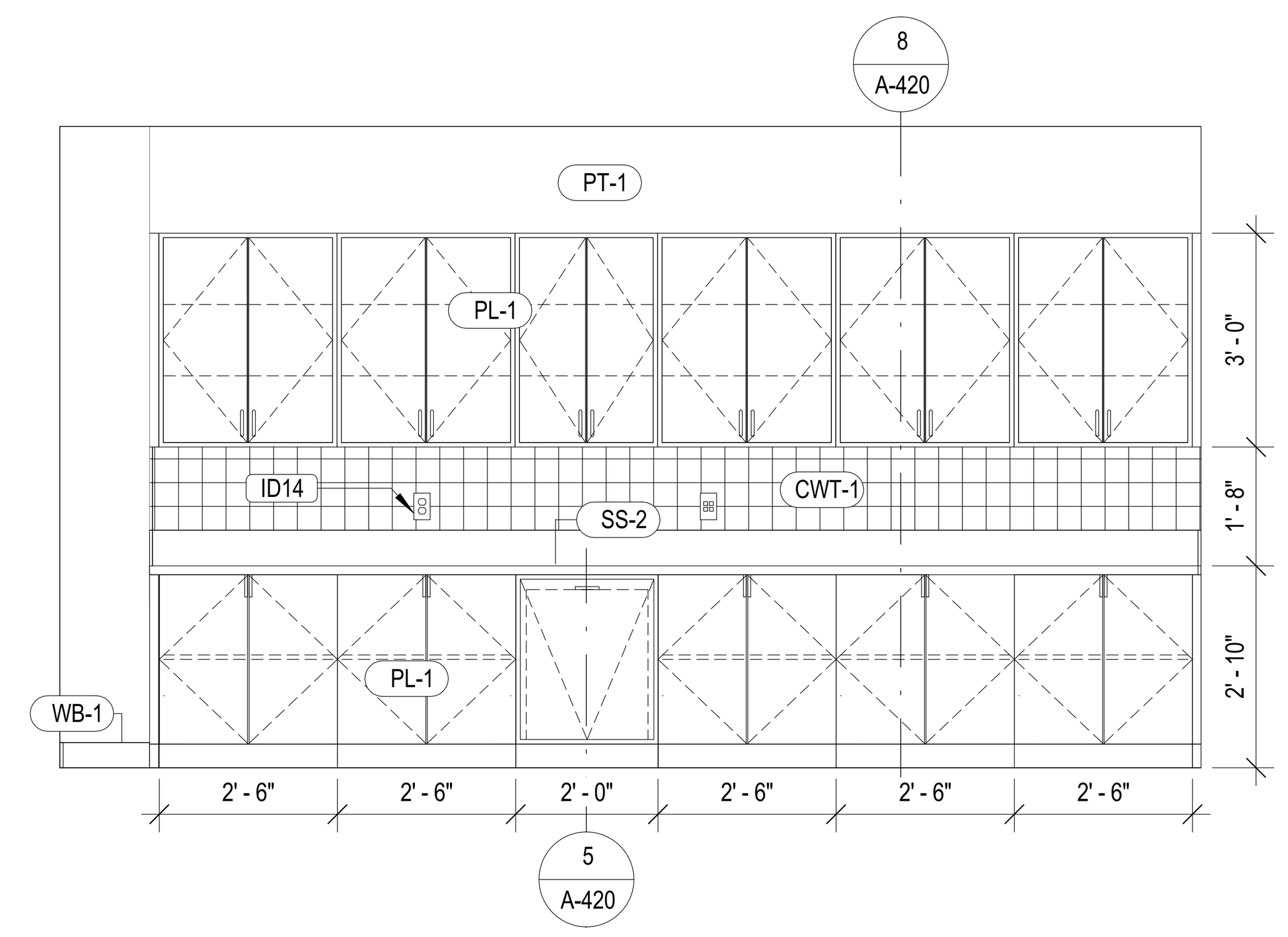
3 BREAK ROOM 230- EAST ELEVATION
3/8" = 1'-0"



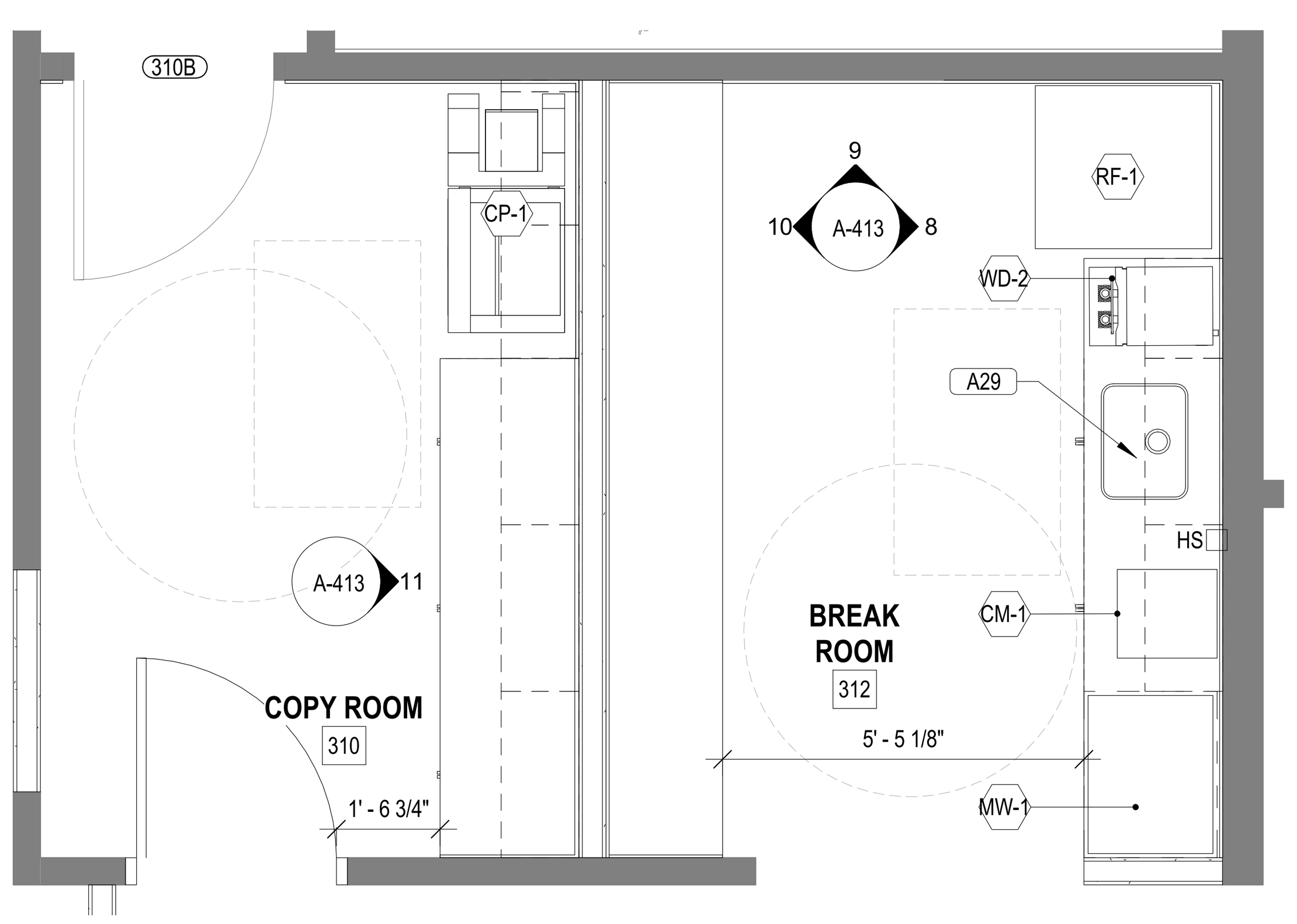
4 LEVEL 2 - ENLARGED PLAN - COPIER/STORAGE 221B
3/8" = 1'-0"



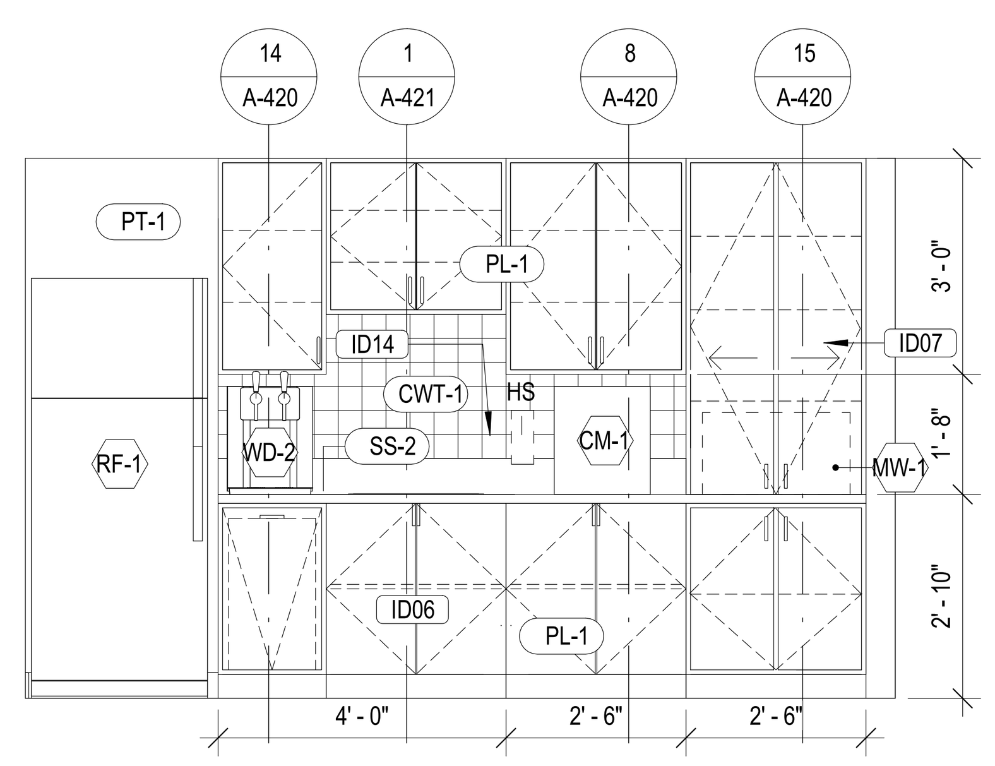
5 COPY/PRINTER 221B- WEST ELEVATION
3/8" = 1'-0"



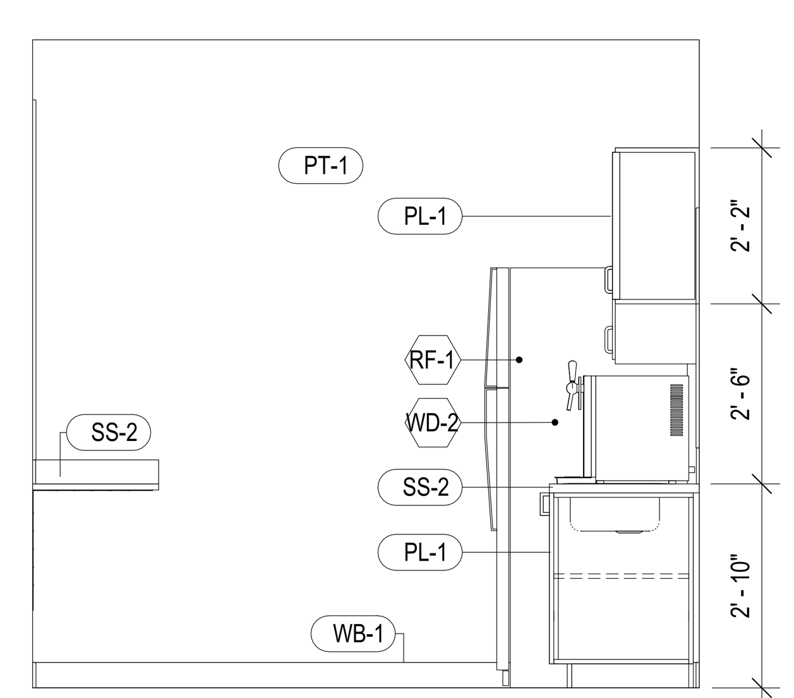
6 BREAKROOM 230 - SOUTH ELEVATION
3/8" = 1'-0"



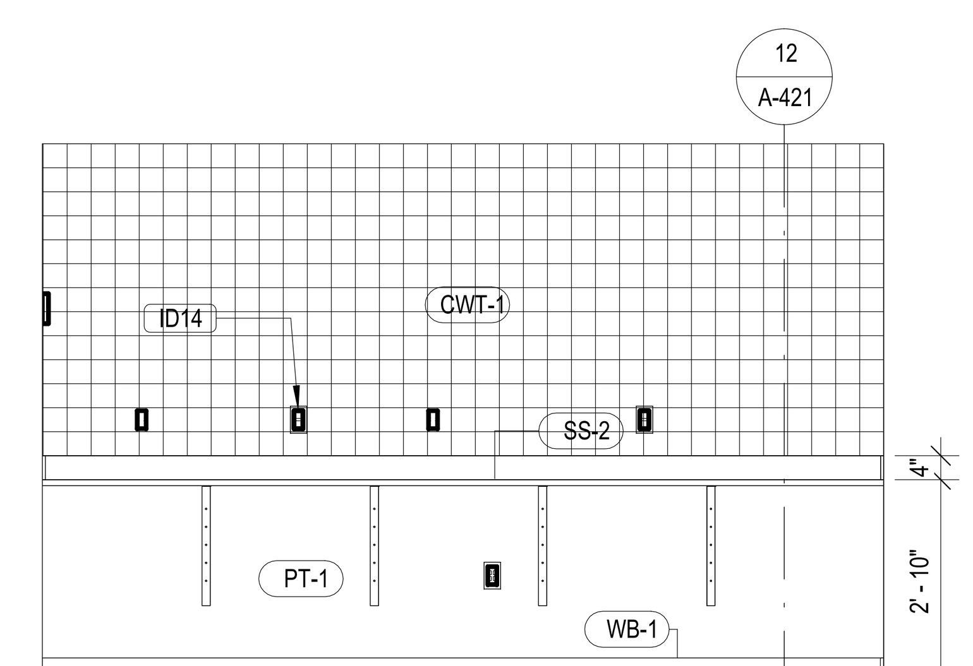
7 LEVEL 3 - ENLARGED PLAN- BREAK ROOM 312 AND COPY ROOM 310
3/8" = 1'-0"



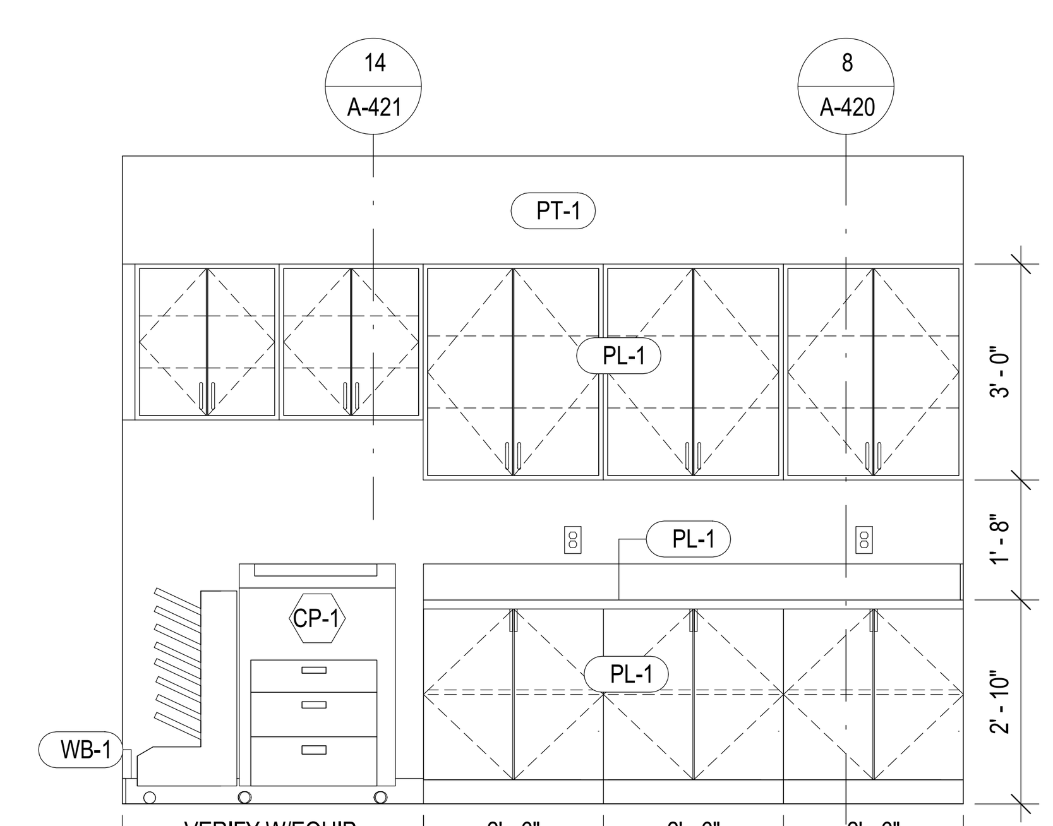
8 BREAKROOM 312- NORTH ELEVATION
3/8" = 1'-0"



9 BREAKROOM 312- WEST ELEVATION
3/8" = 1'-0"



10 BREAKROOM 312- SOUTH ELEVATION
3/8" = 1'-0"



11 COPY ROOM 310 - NORTH ELEVATION
3/8" = 1'-0"

GENERAL NOTES INTERIOR ELEVATIONS

1. ALL ITEMS ON THE FURNITURE PLAN ARE OWNER FURNISHED AS PART OF A SEPARATE FF&E PACKAGE.
2. REFER TO SHEETS A-800 SERIES FOR DOOR AND HARDWARE INFORMATION.
3. PROVIDE SUPPORT FOR WALL MOUNTED CABINET AND PLUMBING FIXTURES. SEE GENERAL NOTES ON PARTITION TYPES ON SHEET A-800'S
4. PROVIDE CEMENTITIOUS BACKERBOARD IN PLACE OF GWB AT ALL LOCATIONS SHOWING CERAMIC OR PORCELAIN TILE FINISH.
5. SEE ID-100 SERIES FRO FINISH PLANS AND SCHEDULES.
6. REFER TO SHEETS G-SERIES FOR MOUNTING HEIGHTS, GUIDELINES AND PLACEMENT REQUIREMENTS FOR ELECTRICAL, FIRE AND SIGNAGE DEVICES.
7. REFER TO PLUMBING FOR PLUMBING FIXTURE SCHEDULE.
8. COMBUSTIBLE MATERIALS IN TYPES I & II CONSTRUCTION TO COMPLY WIHT FBC 603.1 (FIRE RETARDANT - TREATED WOOD) AND 805.1 & 806.1
9. SEE SHEET A-120 SERIES FOR DIMENSION PLANS.
10. CENTER CEILING MOUNTED LIGHT FIXTURES UNLESS OTHERWISE NOTED. SEE ELECTRICAL DRAWINGS FOR LOCATIONS.
11. PROVIDE LOCKS ON CABINETS AS REQUIRED BY OWNER.
12. SEE SHEETS ID-300'S FOR EQUIPMENT SCHEDULES.

SPECIFIC KEYNOTES - ENLARGED PLANS AND ELEVATIONS

NUMBER	TEXT
A14	NEW VANITY LIGHT FIXTURE, REFER TO ELECTRICAL.
A18	CEILING MOUNTED TV WITH ADJUSTABLE SWING BRACKET. COORDINATE ALL LOCATIONS OF TVS AND MOUNTING HEIGHT WITH AV/IT AND ARCHTIECT PRIOR TO WORK.
A26	VIRTUAL RECEPTION. REFER TO AV/IT AND ELECTRICAL.
A28	FRAMELESS LOCKABLE PASS-THRU WINDOW. REFER TO STOREFRONT ELEVATIONS.
A29	NEW UNDERMOUNT SINK, REFER TO PLUMBING
A30	EXISTING INTERIOR STOREFRONT TO REMAIN
A31	EXISTING EXTERIOR STOREFRONT TO REMAIN
A32	NEW DOOR, REFER TO DOOR SCHEDULE
A33	NEW LIGHT FIXTURE, REFER TO ELECTRICAL
A34	NEW INTERIOR STOREFRONT, SEE STOREFRONT ELEVATIONS
A35	NEW AUTOMATIC FLUSH VALVES FOR EXISTING PUMBING FIXTURES, REFER TO PLUMBING.
A36	MEMORABILIA DISPLAY
A42	MEMORABILIA DISPLAY CABINET,SEE MILLWORK
A46	ALL GLAZING TO RECEIVE 3M ULTRA PRESTIGE SERIES UPRS50 WITH 3M “WET GLAZE”, AND 3M IMPACT PROTECTION ATTACHMENT SYSTEM. REFER TO SPECIFICATIONS.
A47	BYPASS SLIDING CLOSET DOORS, SEE MILLWORK
A48	EXISTING SIGNAGE ON WALL TO REMAIN.
A49	NEW ADA AUTOMATIC FAUCET FOR EXISTING PUMBING FIXTURE, REFER TO PLUMBING.
A50	NEW AUTOMATIC FAUCET, REFER TO PLUMBING.
A51	PROVIDE FLOOR BOX WITH POWER, HDMI, TEL, & DATA, COORDINATE WITH FURNITURE, REFER TO ELECTRICAL AND AV/IT
A52	FRY REGLET 1" MILLWORK REVEAL BETWEEN LAMINATE PANELS, CLEAR ANODIZED TO MATCH HAND RAIL
A53	FRY REGLET MILLWORK REVEAL INSIDE CORNER AT VERTICAL CORNERS, CLEAR ANODIZED TO MATCH HAND RAIL
A54	FRY REGLET 4" MILLWORK REVEAL BASE, CLEAR ANODIZED TO MATCH HAND RAIL
A55	LAMINATE TO EXTEND PAST CEILING LINE
A56	2" FLAT BAR STAINLESS STEEL TO MATCH EXISTING CAB FINISH
A57	EXISTING GRILL VIF, REPLACE GRILL TO MATCH PL-6
A61	GREEN GLUE ACOUSTICAL CAULKING AROUND ENTIRE PERIMETER OF WALL
A63	PATCH AND REPAIR ANY PENETRATIONS IN WALL FROM DEMOLITION
A64	EXISTING DAIS AND PODIUM TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
A65	COORDINATE WITH OWNER ANY EQUIPMENT TO BE REMOVED PRIOR TO ANY WORK.
A67	CPU HOLDER, SEE MILLWORK
A68	PROVIDE HAND SANITIZERS IN BATHROOMS THAT DO NOT HAVE EXISTING. VERIFY IN FIELD.
ID01	DAIS, SEE MILLWORK SECTIONS FOR DETAILS, PROVIDE GROMMETS LOCATIONS TBD
ID03	SUSPENDED ACOUSTICAL CEILING BAFFLES, REFER TO RCP
ID04	WALL COVERING, SEE FINISH SCHEDULE. COORDINATE AND V.I.F. LOCATION OF EXISTING AIR DIFFUSERS.
ID05	DISPLAY CASE FOR MEMORABILIA, SEE MILLWORK SECTIONS
ID06	ELECTRIC WATER HEATER AND REVERSE OSMOSIS FILTER IN SINK CABINET, SEE PLUMBING AND ELECTRICAL FOR REFERENCE
ID07	FULL HEIGHT CABINET WITH SLIDE IN DOORS, SEE MILLWORK SECTIONS
ID08	ADJUSTABLE GLASS DISPLAY SHELVES, SEE MILLWORK
ID09	PROVIDE GROMMETS, POWER AND DATA CONNECTIONS FOR EQUIPMENT
ID10	FILE FILE CABINETS WITH WORKTOP AND SIDES, COORDINATE WITH FURNITURE. SEE MILLWORK
ID11	PROVIDE FLEXIBLE CAP AT CORNER COLOR TO MATCH WALLCOVERING
ID12	DOORS PAINTED TO MATCH WALL, REFER TO FINISH SCHEDULE
ID13	PROVIDE KNEE WALL FOR MILLWORK SUPPORT
ID14	NEW OUTLETS, MATCH COLOR WITH WALL FINISH COLOR
ID16	EXISTING RECEPTION DESK TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
ID17	PROVIDE VENTILATION SLOT AT BOTTOM, RUNNING LENGTH OF CABINET

EQUIPMENT SCHEDULE - LEVEL 2 AND 3

ITEM #	DESCRIPTION	MANUFACTURER	MODEL #	PROVIDED BY	INSTALLED BY	REMARKS
CM-1	DRIP COFFEE MAKER	BUNN	VP17-3	CONTRACTOR	CONTRACTOR	
CP-1	FULL SIZE COPIER	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
MW-1	MICROWAVE	GE	JES1657SMSS	CONTRACTOR	CONTRACTOR	
PM	POSTAGE MACHINE	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	EXISTING
RF-1	REFRIGERATOR	GE	GTE19JSNRSS	CONTRACTOR	CONTRACTOR	NO ICE
RF-2	U.C. REFRIGERATOR- PANEL READY	U- LINE	U-ADA24RINT-00A	CONTRACTOR	CONTRACTOR	NO ICE
SH-1	4' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
SH-2	6' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
TV-2	70" LCD TV	BY OWNER	50ES6305U	CONTRACTOR	CONTRACTOR	
WD	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	
WD-2	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	

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THEA TMC OFFICE RENOVATION
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Project number
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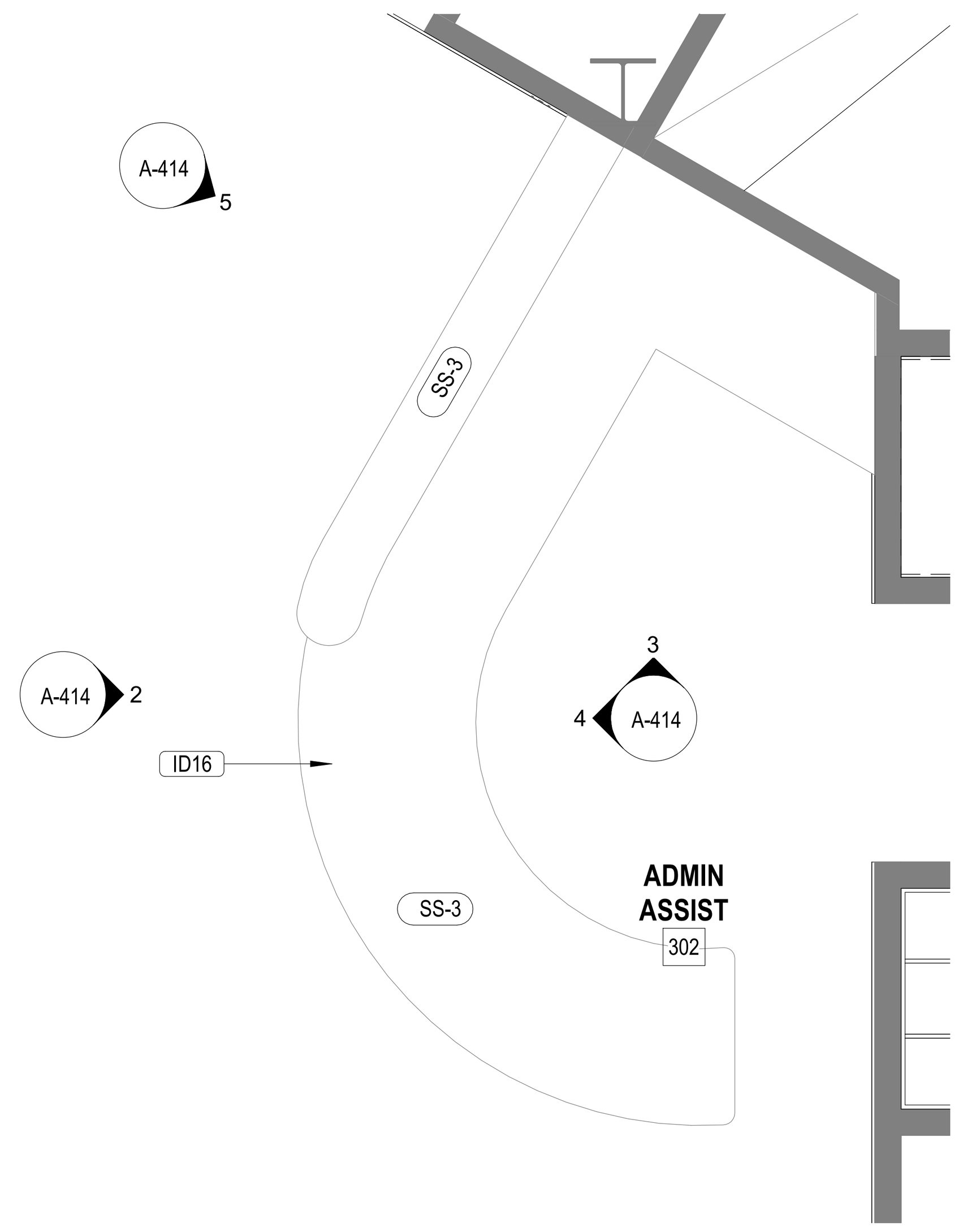
DISTRIBUTION

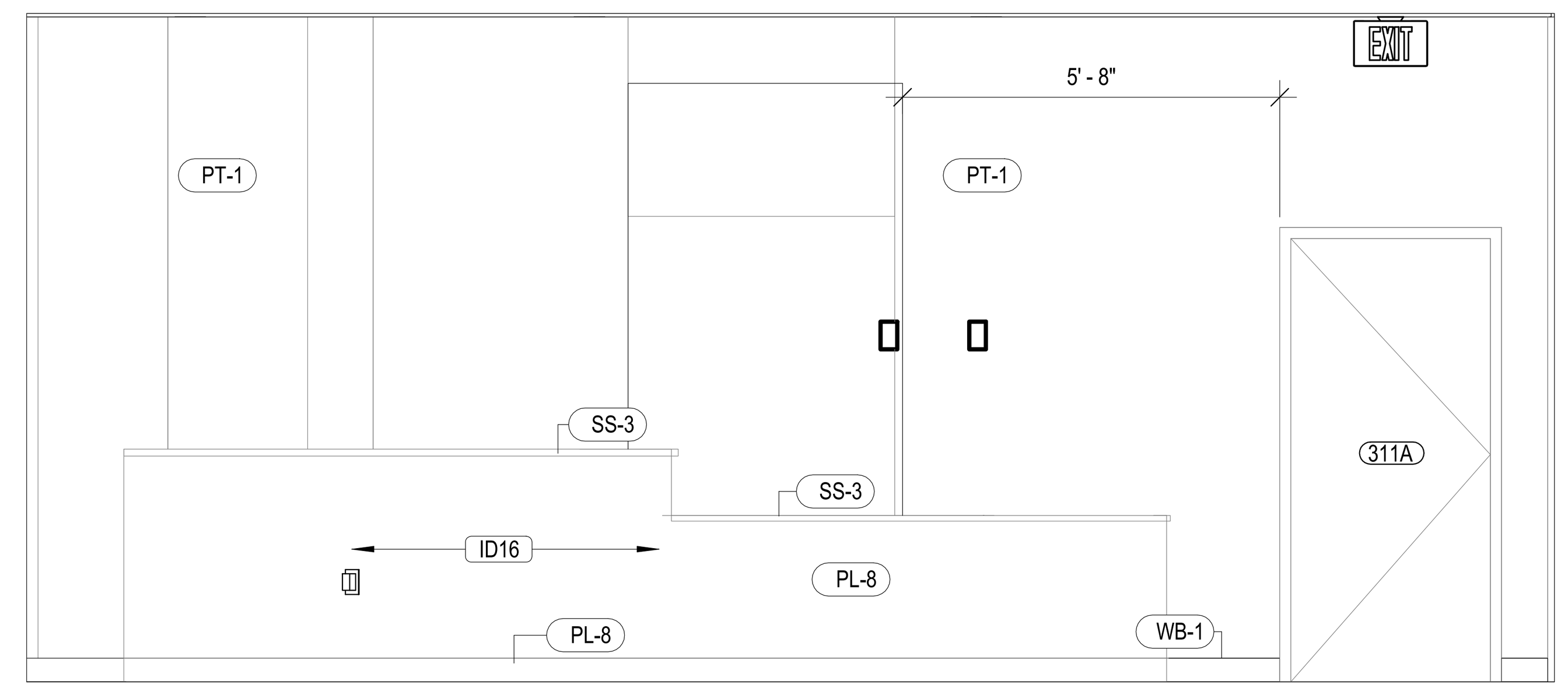
MILESTONE	DATE
PERMIT SET	5-7-2020

ENLARGED FLOOR PLANS AND ELEVATIONS

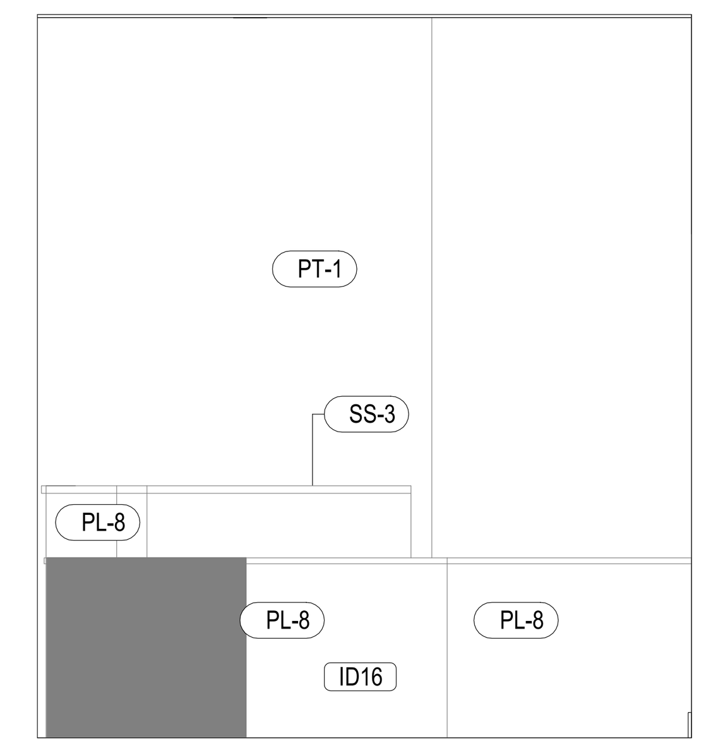
A-413



1 LEVEL 3 - ENLARGED PLAN- ADMIN ASSISTANT 302
3/8" = 1'-0"

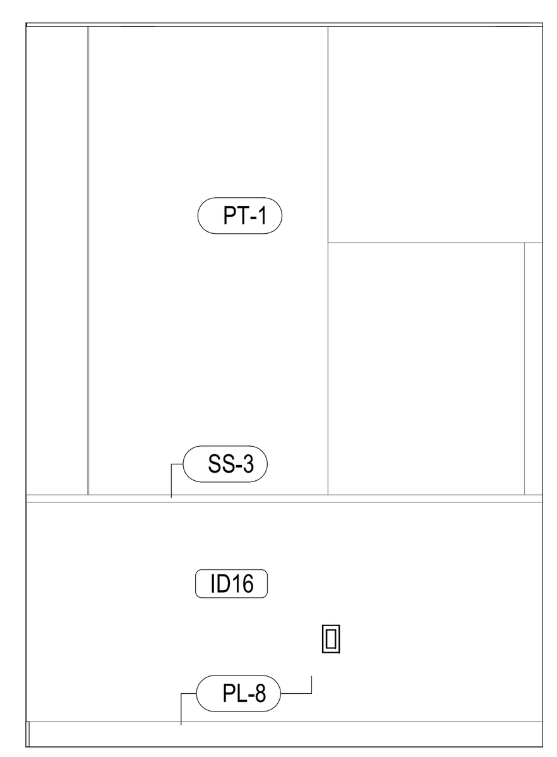


2 ADMIN ASSIST 302- NORTH ELEVATION
3/8" = 1'-0"

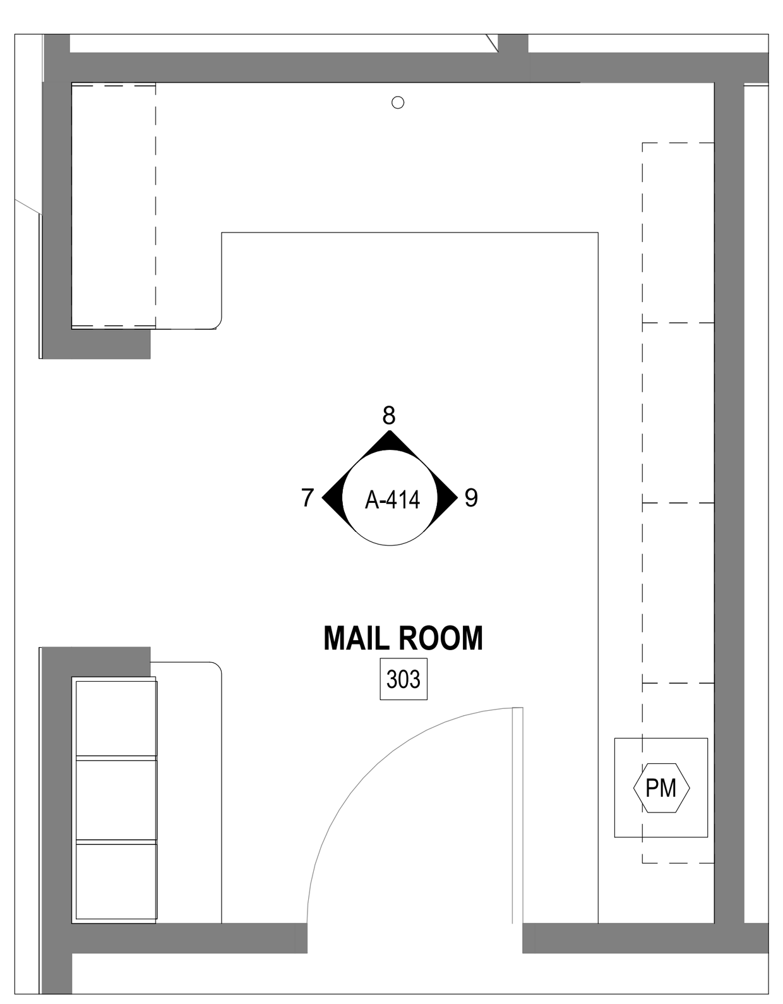


3 ADMIN ASSIST 302- WEST ELEVATION
3/8" = 1'-0"

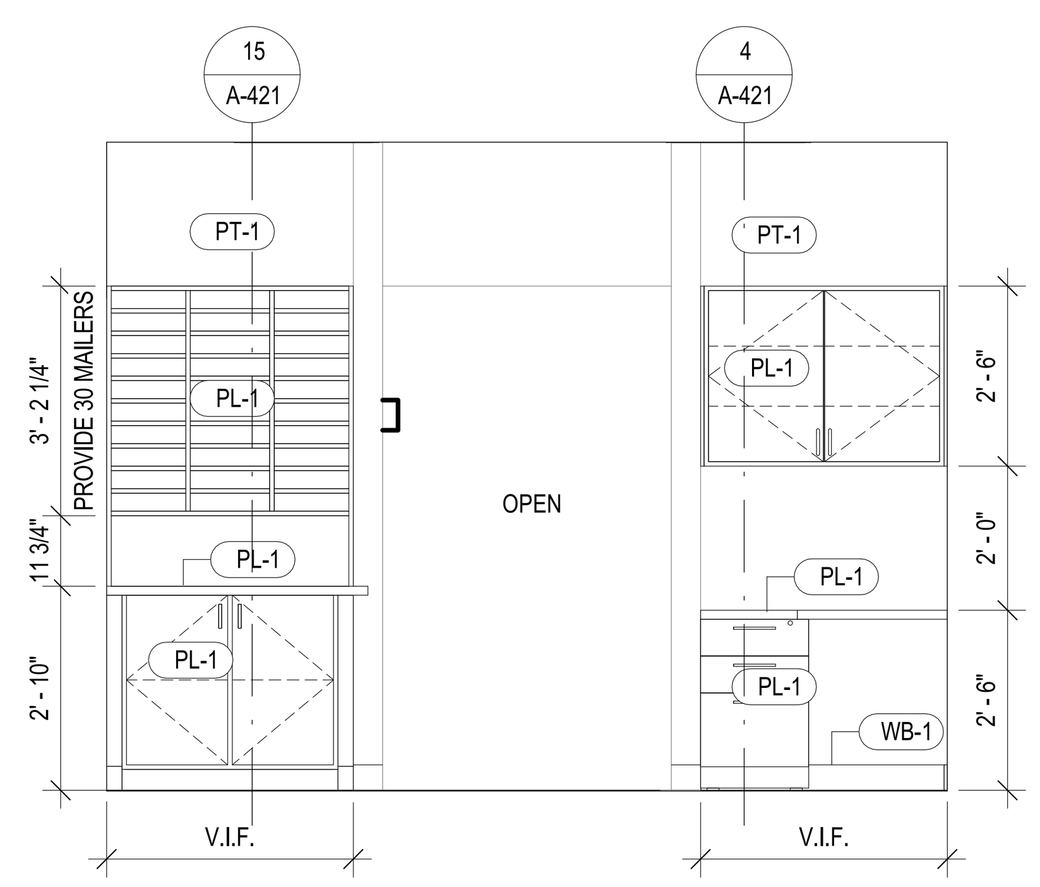
4 ADMIN ASSIST 302- SOUTH ELEVATION
3/8" = 1'-0"



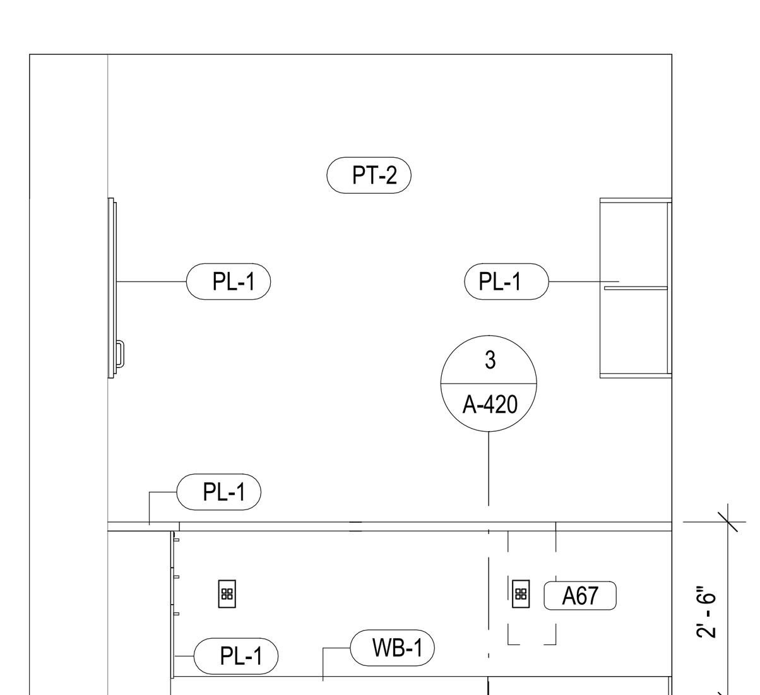
5 ADMIN ASSIST 302- ELEVATION
3/8" = 1'-0"



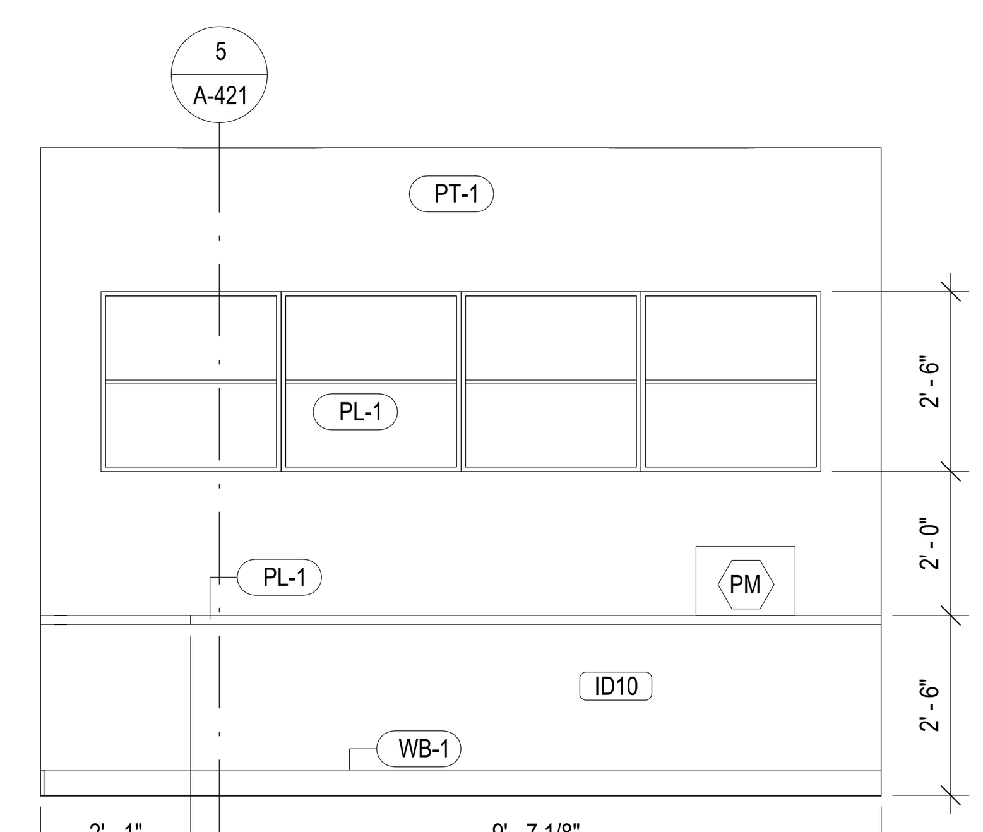
6 LEVEL 3 - ENLARGED PLAN COPY FAX & MAIL 303
3/8" = 1'-0"



7 COPY FAX MAIL 303- SOUTH ELEVATION
3/8" = 1'-0"



8 COPY FAX MAIL 303- WEST ELEVATION
3/8" = 1'-0"



9 COPY FAX MAIL 303- NORTH ELEVATION
3/8" = 1'-0"

GENERAL NOTES INTERIOR ELEVATIONS

1. ALL ITEMS ON THE FURNITURE PLAN ARE OWNER FURNISHED AS PART OF A SEPARATE FF&E PACKAGE.
2. REFER TO SHEETS A-800 SERIES FOR DOOR AND HARDWARE INFORMATION.
3. PROVIDE SUPPORT FOR WALL MOUNTED CABINET AND PLUMBING FIXTURES. SEE GENERAL NOTES ON PARTITION TYPES ON SHEET A-800'S
4. PROVIDE CEMENTITIOUS BACKERBOARD IN PLACE OF GWB AT ALL LOCATIONS SHOWING CERAMIC OR PORCELAIN TILE FINISH.
5. SEE ID-100 SERIES FRO FINISH PLANS AND SCHEDULES.
6. REFER TO SHEETS G-SERIES FOR MOUNTING HEIGHTS, GUIDELINES AND PLACEMENT REQUIREMENTS FOR ELECTRICAL, FIRE AND SIGNAGE DEVICES.
7. REFER TO PLUMBING FOR PLUMBING FIXTURE SCHEDULE.
8. COMBUSTIBLE MATERIALS IN TYPES I & II CONSTRUCTION TO COMPLY WIHT FBC 603.1 (FIRE RETARDANT - TREATED WOOD) AND 805.1 & 806.1
9. SEE SHEET A-120 SERIES FOR DIMENSION PLANS.
10. CENTER CEILING MOUNTED LIGHT FIXTURES UNLESS OTHERWISE NOTED. SEE ELECTRICAL DRAWINGS FOR LOCATIONS.
11. PROVIDE LOCKS ON CABINETS AS REQUIRED BY OWNER.
12. SEE SHEETS ID-300'S FOR EQUIPMENT SCHEDULES.

SPECIFIC KEYNOTES - ENLARGED PLANS AND ELEVATIONS

NUMBER	TEXT
A14	NEW VANITY LIGHT FIXTURE, REFER TO ELECTRICAL.
A18	CEILING MOUNTED TV WITH ADJUSTABLE SWING BRACKET. COORDINATE ALL LOCATIONS OF TVS AND MOUNTING HEIGHT WITH AV/IT AND ARCHTIECT PRIOR TO WORK.
A26	VIRTUAL RECEPTION. REFER TO AV/IT AND ELECTRICAL.
A28	FRAMELESS LOCKABLE PASS-THRU WINDOW. REFER TO STOREFRONT ELEVATIONS.
A29	NEW UNDERMOUNT SINK, REFER TO PLUMBING
A30	EXISTING INTERIOR STOREFRONT TO REMAIN
A31	EXISTING EXTERIOR STOREFRONT TO REMAIN
A32	NEW DOOR, REFER TO DOOR SCHEDULE
A33	NEW LIGHT FIXTURE, REFER TO ELECTRICAL
A34	NEW INTERIOR STOREFRONT, SEE STOREFRONT ELEVATIONS
A35	NEW AUTOMATIC FLUSH VALVES FOR EXISTING PUMBING FIXTURES, REFER TO PLUMBING.
A36	MEMORABILIA DISPLAY
A42	MEMORABILIA DISPLAY CABINET,SEE MILLWORK
A46	ALL GLAZING TO RECEIVE 3M ULTRA PRESTIGE SERIES UPRS50 WITH 3M "WET GLAZE", AND 3M IMPACT PROTECTION ATTACHMENT SYSTEM. REFER TO SPECIFICATIONS.
A47	BYPASS SLIDING CLOSET DOORS, SEE MILLWORK
A48	EXISTING SIGNAGE ON WALL TO REMAIN.
A49	NEW ADA AUTOMATIC FAUCET FOR EXISTING PUMBING FIXTURE, REFER TO PLUMBING.
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A51	PROVIDE FLOOR BOX WITH POWER, HDMI, TEL, & DATA, COORDINATE WITH FURNITURE, REFER TO ELECTRICAL AND AV/IT
A52	FRY REGLET 1" MILLWORK REVEAL BETWEEN LAMINATE PANELS, CLEAR ANODIZED TO MATCH HAND RAIL
A53	FRY REGLET MILLWORK REVEAL INSIDE CORNER AT VERTICAL CORNERS, CLEAR ANODIZED TO MATCH HAND RAIL
A54	FRY REGLET 4" MILLWORK REVEAL BASE, CLEAR ANODIZED TO MATCH HAND RAIL
A55	LAMINATE TO EXTEND PAST CEILING LINE
A56	2" FLAT BAR STAINLESS STEEL TO MATCH EXISTING CAB FINISH
A57	EXISTING GRILL VIF, REPLACE GRILL TO MATCH PL-6
A61	GREEN GLUE ACOUSTICAL CAULKING AROUND ENTIRE PERIMETER OF WALL
A63	PATCH AND REPAIR ANY PENETRATIONS IN WALL FROM DEMOLITION
A64	EXISTING DAIS AND PODIUM TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
A65	COORDINATE WITH OWNER ANY EQUIPMENT TO BE REMOVED PRIOR TO ANY WORK.
A67	CPU HOLDER, SEE MILLWORK
A68	PROVIDE HAND SANITIZERS IN BATHROOMS THAT DO NOT HAVE EXISTING. VERIFY IN FIELD.
ID01	DAIS, SEE MILLWORK SECTIONS FOR DETAILS, PROVIDE GROMMETS LOCATIONS TBD
ID03	SUSPENDED ACOUSTICAL CEILING BAFFLES, REFER TO RCP
ID04	WALL COVERING, SEE FINISH SCHEDULE. COORDINATE AND V.I.F. LOCATION OF EXISTING AIR DIFFUSERS.
ID05	DISPLAY CASE FOR MEMORABILIA, SEE MILLWORK SECTIONS
ID06	ELECTRIC WATER HEATER AND REVERSE OSMOSIS FILTER IN SINK CABINET, SEE PLUMBING AND ELECTRICAL FOR REFERENCE
ID07	FULL HEIGHT CABINET WITH SLIDE IN DOORS, SEE MILLWORK SECTIONS
ID08	ADJUSTABLE GLASS DISPLAY SHELVES, SEE MILLWORK
ID09	PROVIDE GROMMETS, POWER AND DATA CONNECTIONS FOR EQUIPMENT
ID10	FILE FILE CABINETS WITH WORKTOP AND SIDES, COORDINATE WITH FURNITURE. SEE MILLWORK
ID11	PROVIDE FLEXIBLE CAP AT CORNER COLOR TO MATCH WALLCOVERING
ID12	DOORS PAINTED TO MATCH WALL, REFER TO FINISH SCHEDULE
ID13	PROVIDE KNEE WALL FOR MILLWORK SUPPORT
ID14	NEW OUTLETS, MATCH COLOR WITH WALL FINISH COLOR
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EQUIPMENT SCHEDULE - LEVEL 2 AND 3

ITEM #	DESCRIPTION	MANUFACTURER	MODEL #	PROVIDED BY	INSTALLED BY	REMARKS
CM-1	DRIP COFFEE MAKER	BUNN	VP17-3	CONTRACTOR	CONTRACTOR	
CP-1	FULL SIZE COPIER	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
MW-1	MICROWAVE	GE	JES1657SMSS	CONTRACTOR	CONTRACTOR	
PM	POSTAGE MACHINE	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	EXISTING
RF-1	REFRIGERATOR	GE	GTE19JSNRSS	CONTRACTOR	CONTRACTOR	NO ICE
RF-2	U.C. REFRIGERATOR- PANEL READY	U- LINE	U-ADA24RINT-00A	CONTRACTOR	CONTRACTOR	NO ICE
SH-1	4' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
SH-2	6' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
TV-2	70" LCD TV	BY OWNER	50ES6305U	CONTRACTOR	CONTRACTOR	
WD	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	
WD-2	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	

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180 Mirror Lake Drive North
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(727) 822-5566 fax (727) 822-5475
www.wjarc.com
AA0002277

THEA TMC OFFICE RENOVATION
1104 E TWIGGS ST. TAMPA, FL 33602

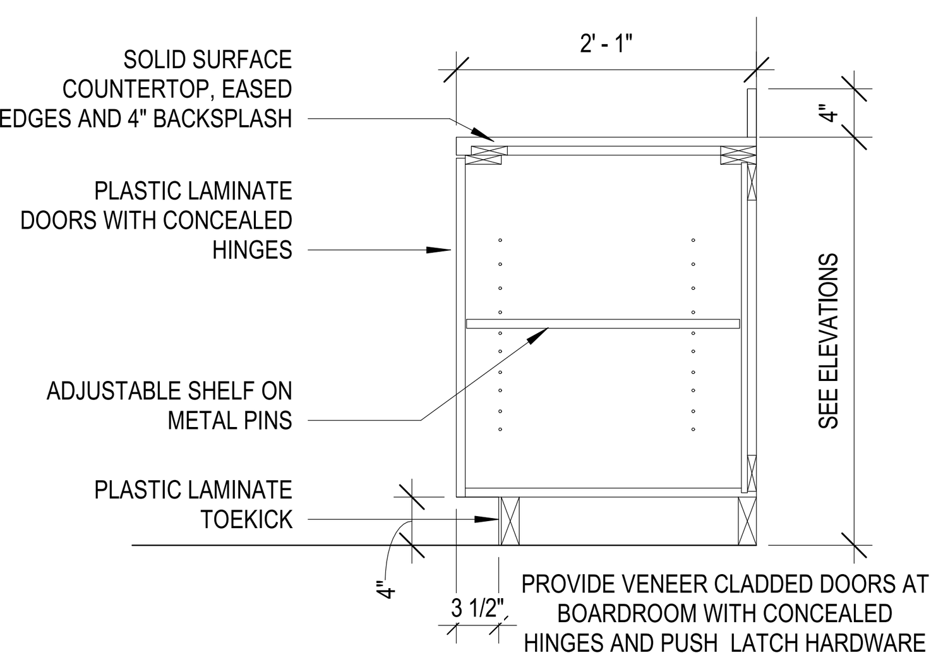
Project number
1924

DISTRIBUTION

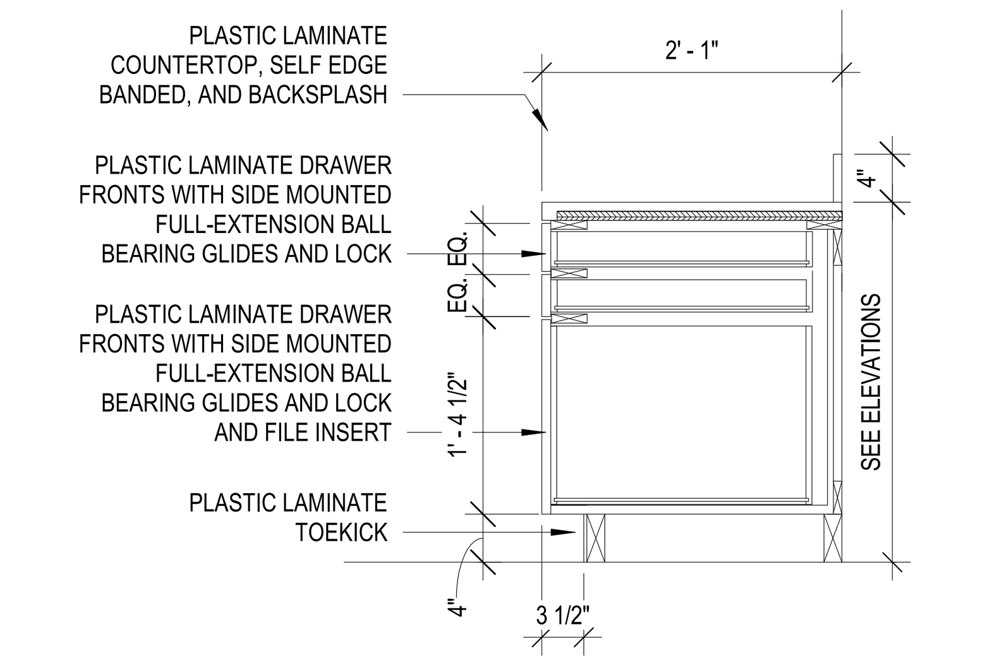
MILESTONE	DATE
PERMIT SET	5-7-2020
REV 1	8-7-2020

ENLARGED FLOOR PLANS AND ELEVATIONS

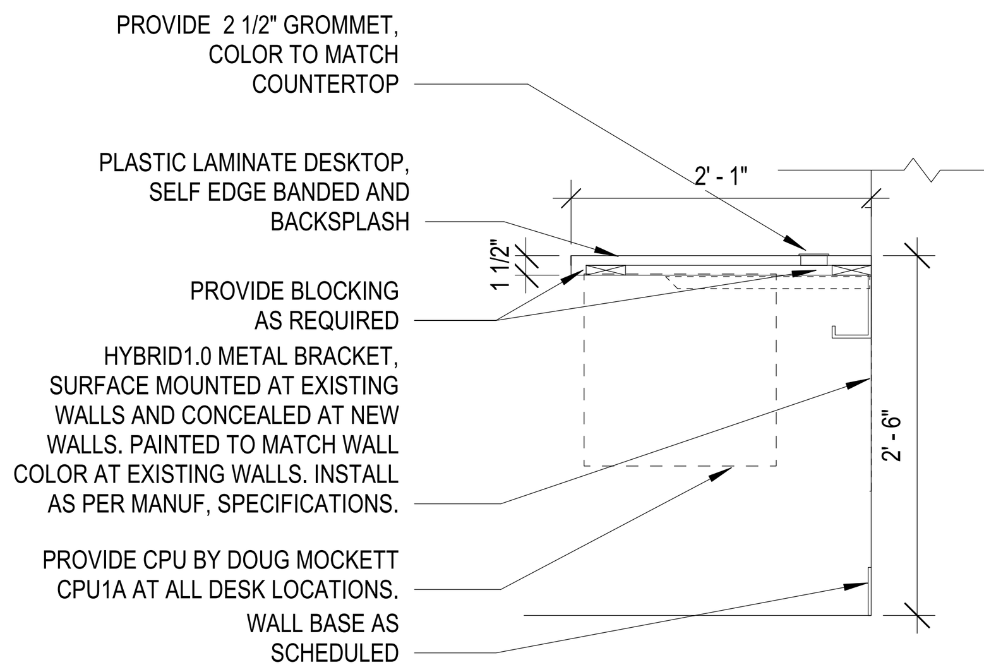
A-414



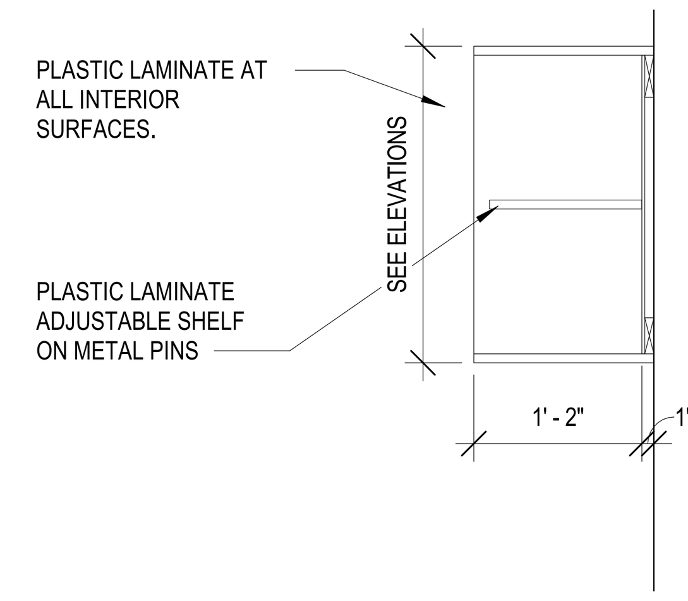
1 BASE CABINET SECTION- TYPICAL
3/4" = 1'-0"



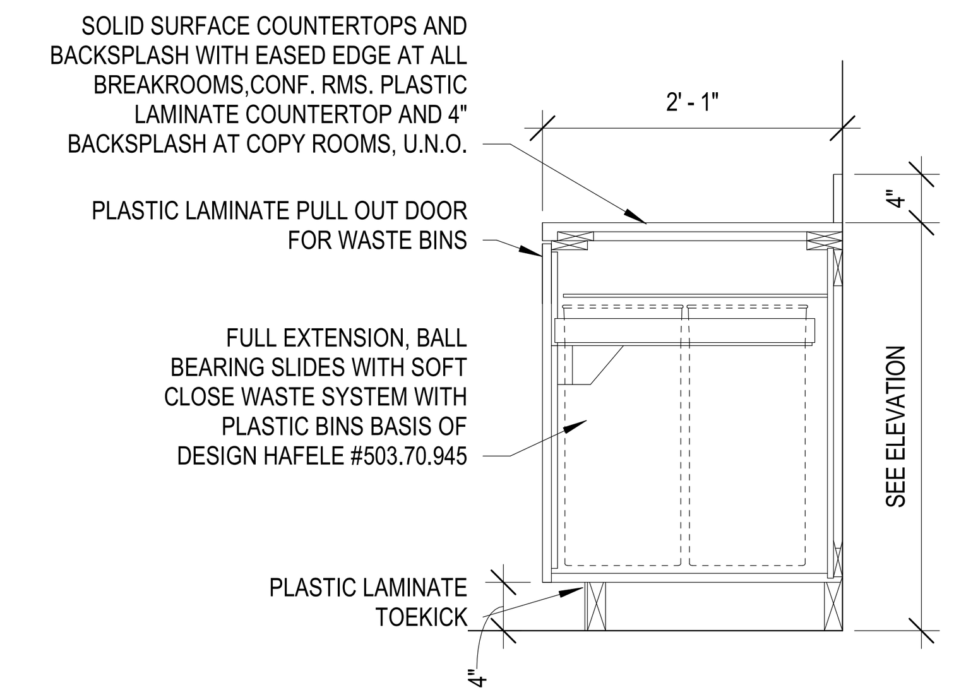
2 CABINET SECTION - DRAWERS
3/4" = 1'-0"



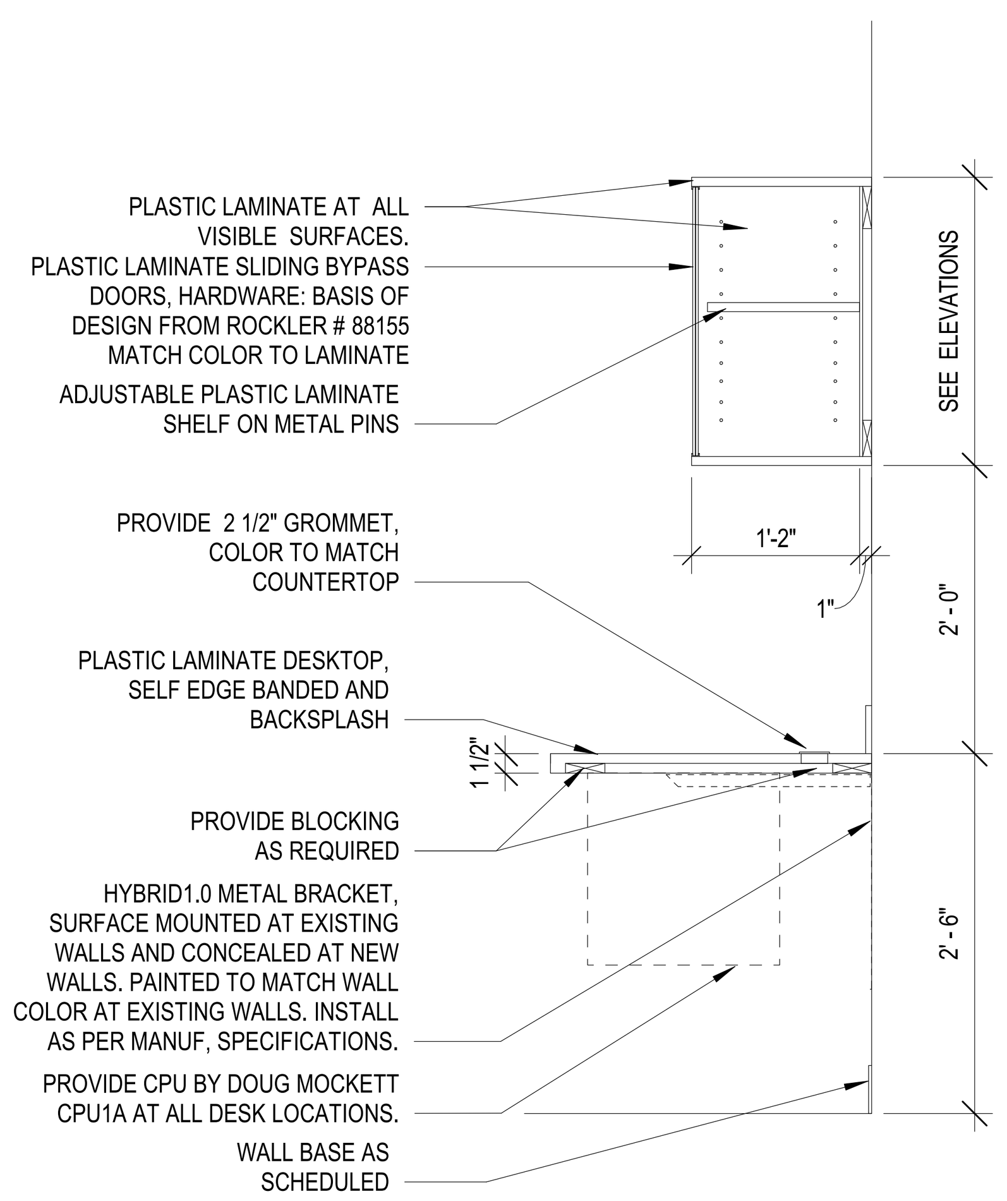
3 DESK/COUNTER SECTION
3/4" = 1'-0"



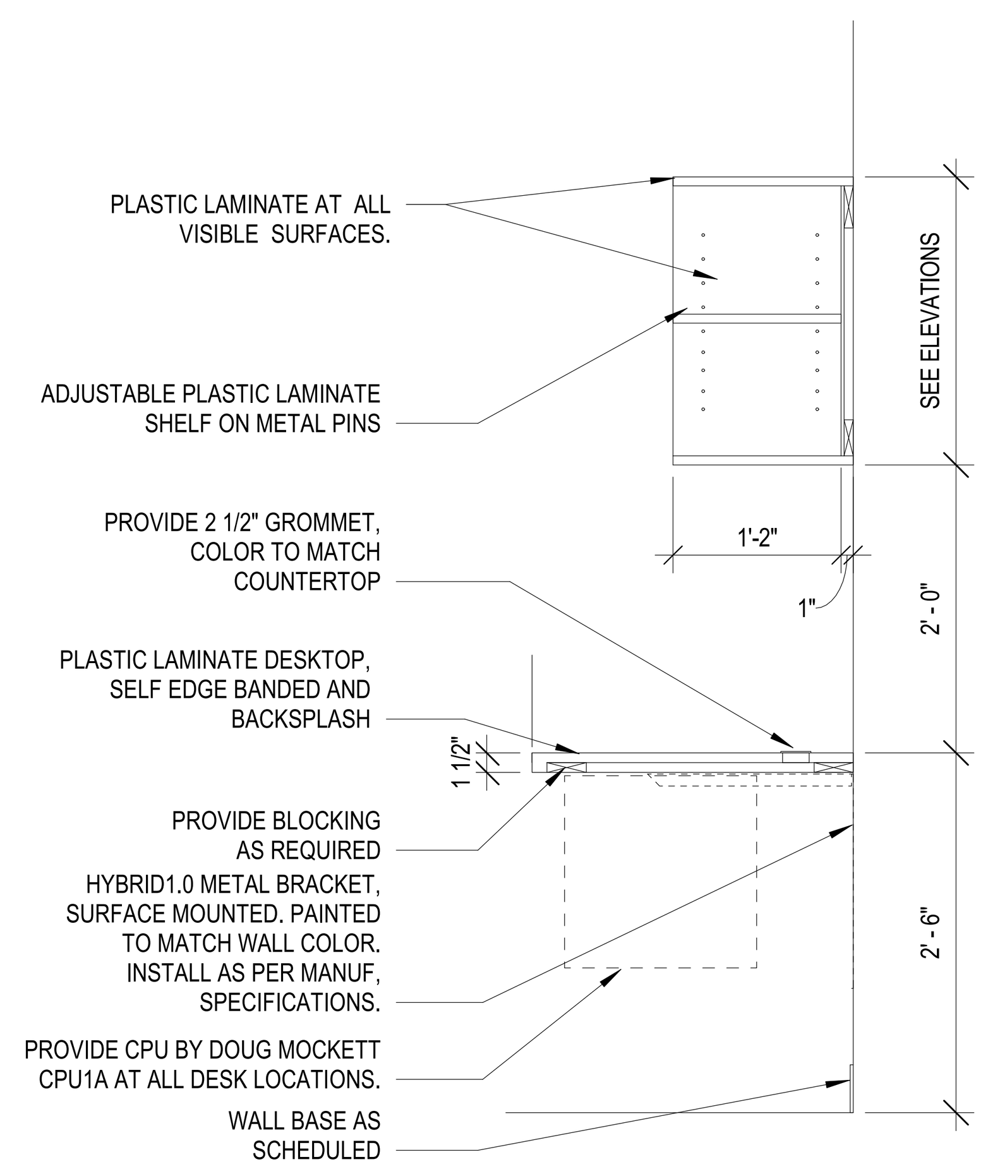
4 UPPER OPEN CABINET SECTION
3/4" = 1'-0"



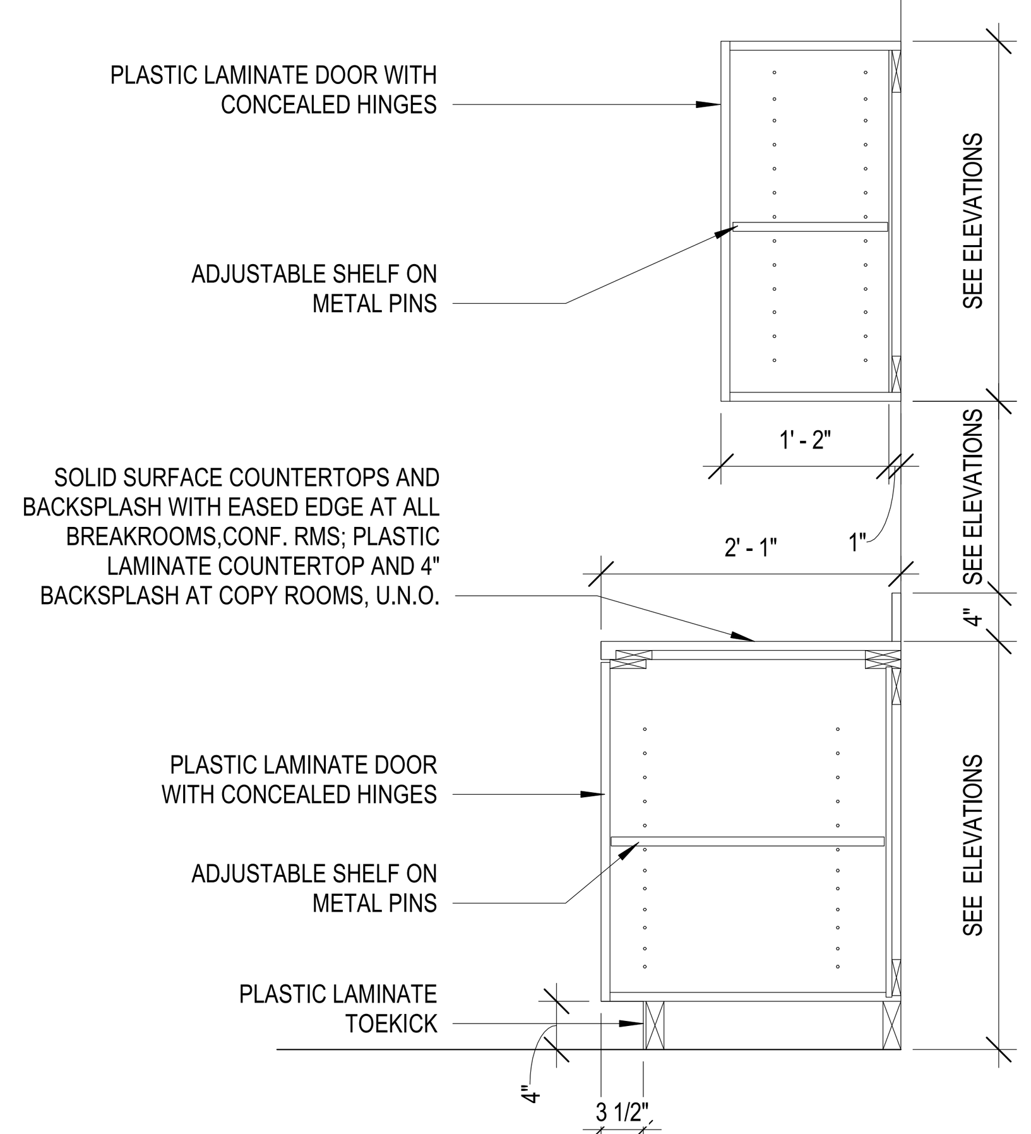
5 TRASH PULL-OUT CABINET
3/4" = 1'-0"



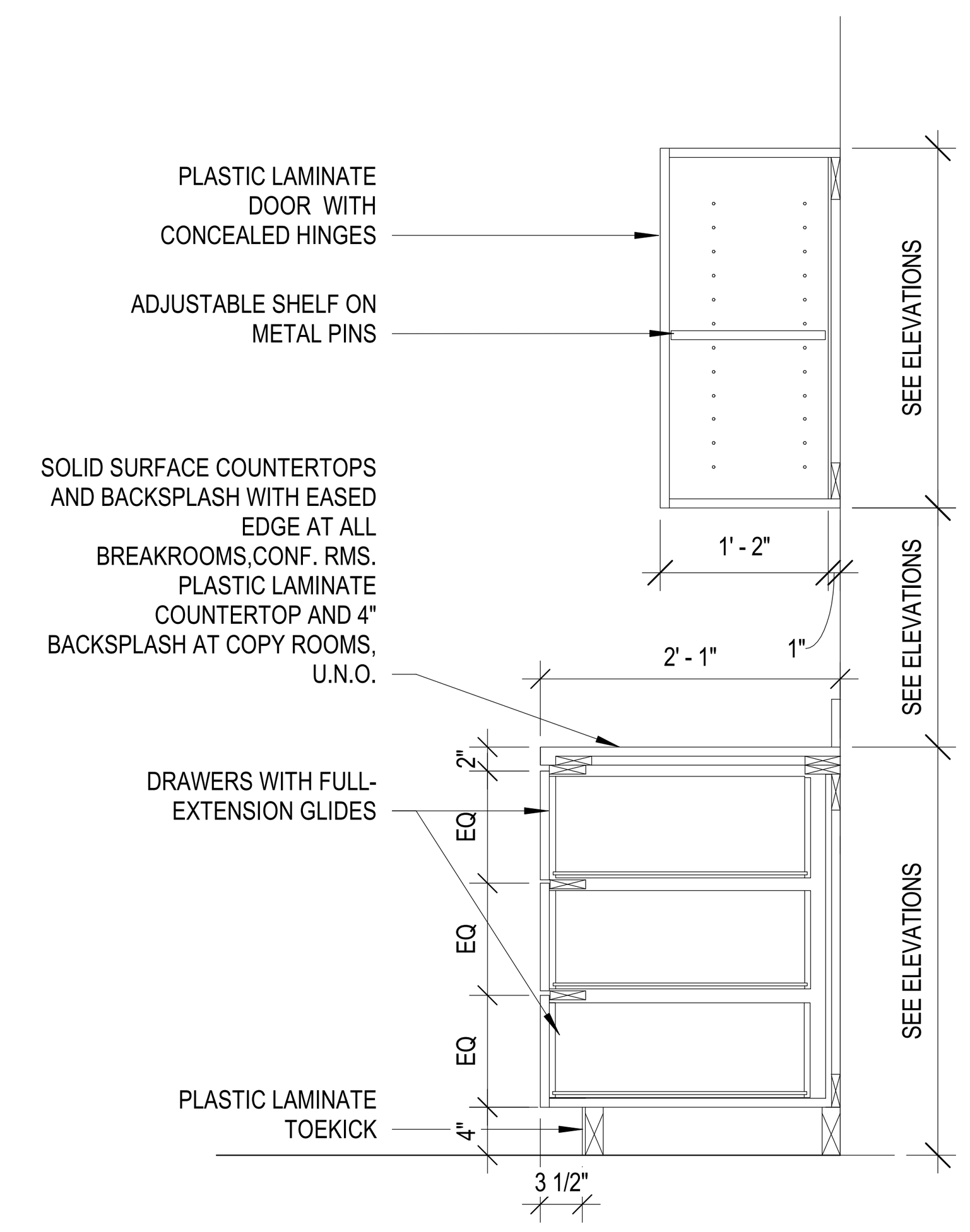
6 DESK COUNTER SECTION- BY PASS DOORS
3/4" = 1'-0"



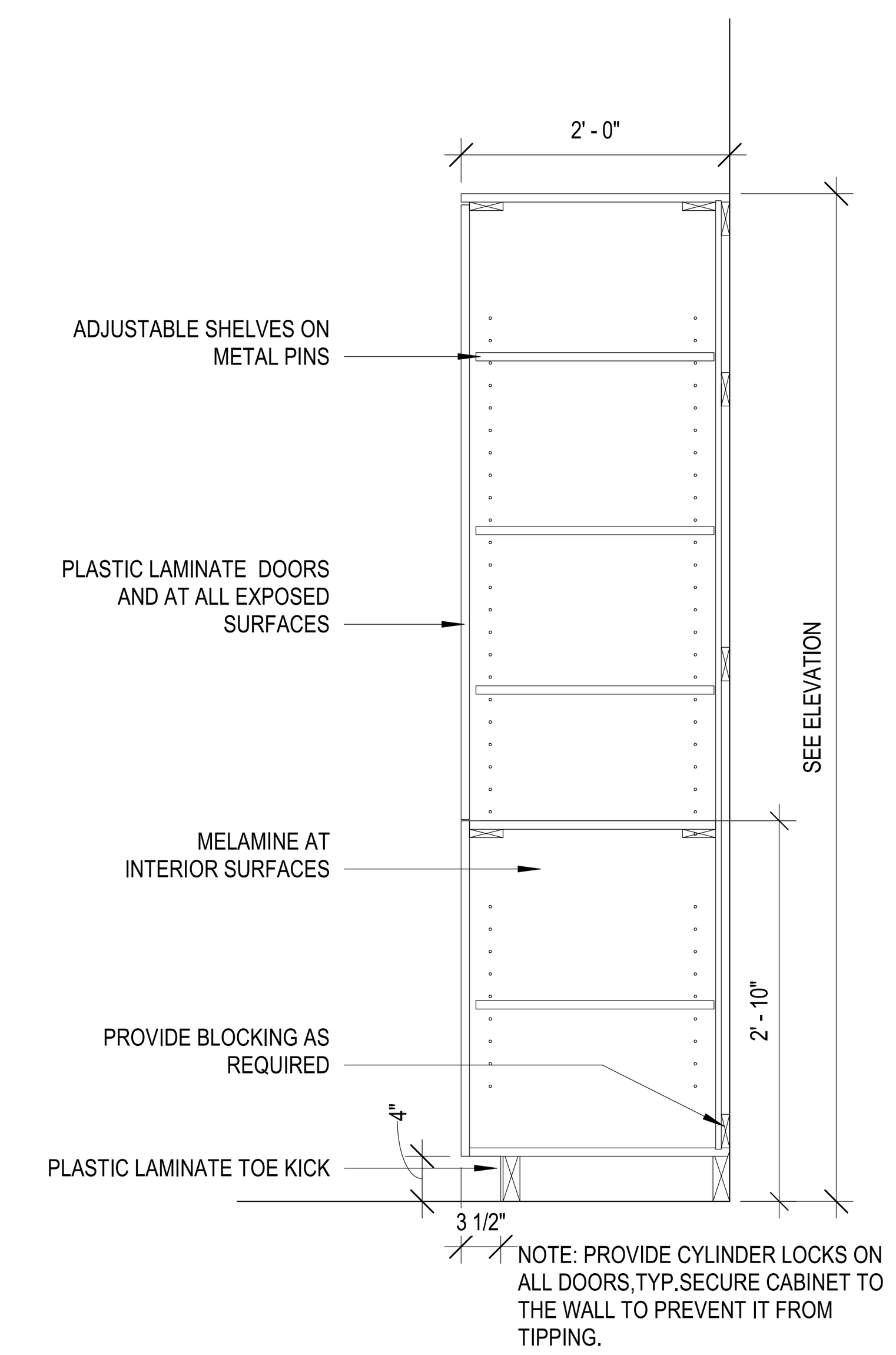
7 DESK COUNTER SECTION -SHELVES
3/4" = 1'-0"



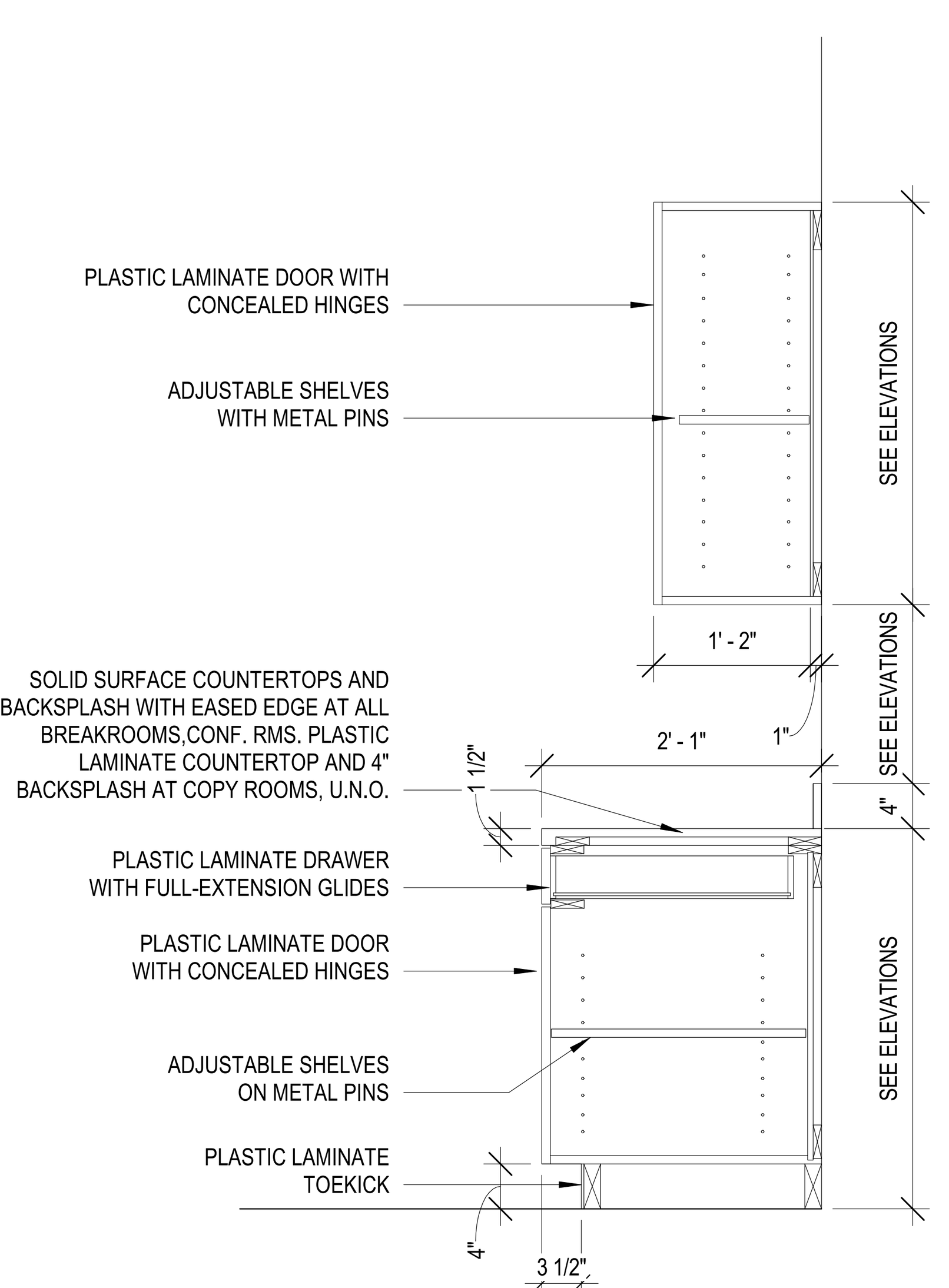
8 CABINET SECTION - UPPER
3/4" = 1'-0"



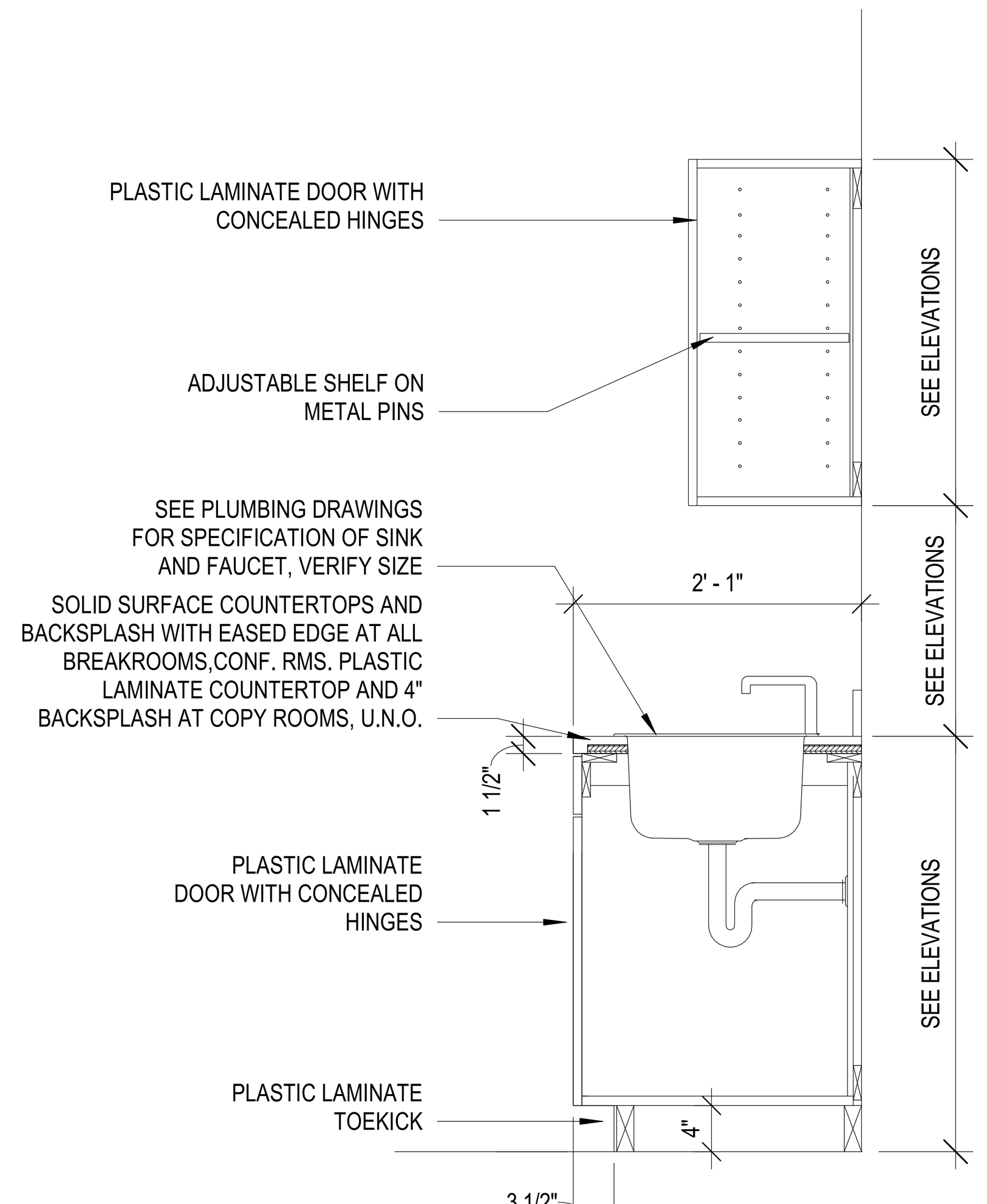
9 BASE CABINET SECTION
3/4" = 1'-0"



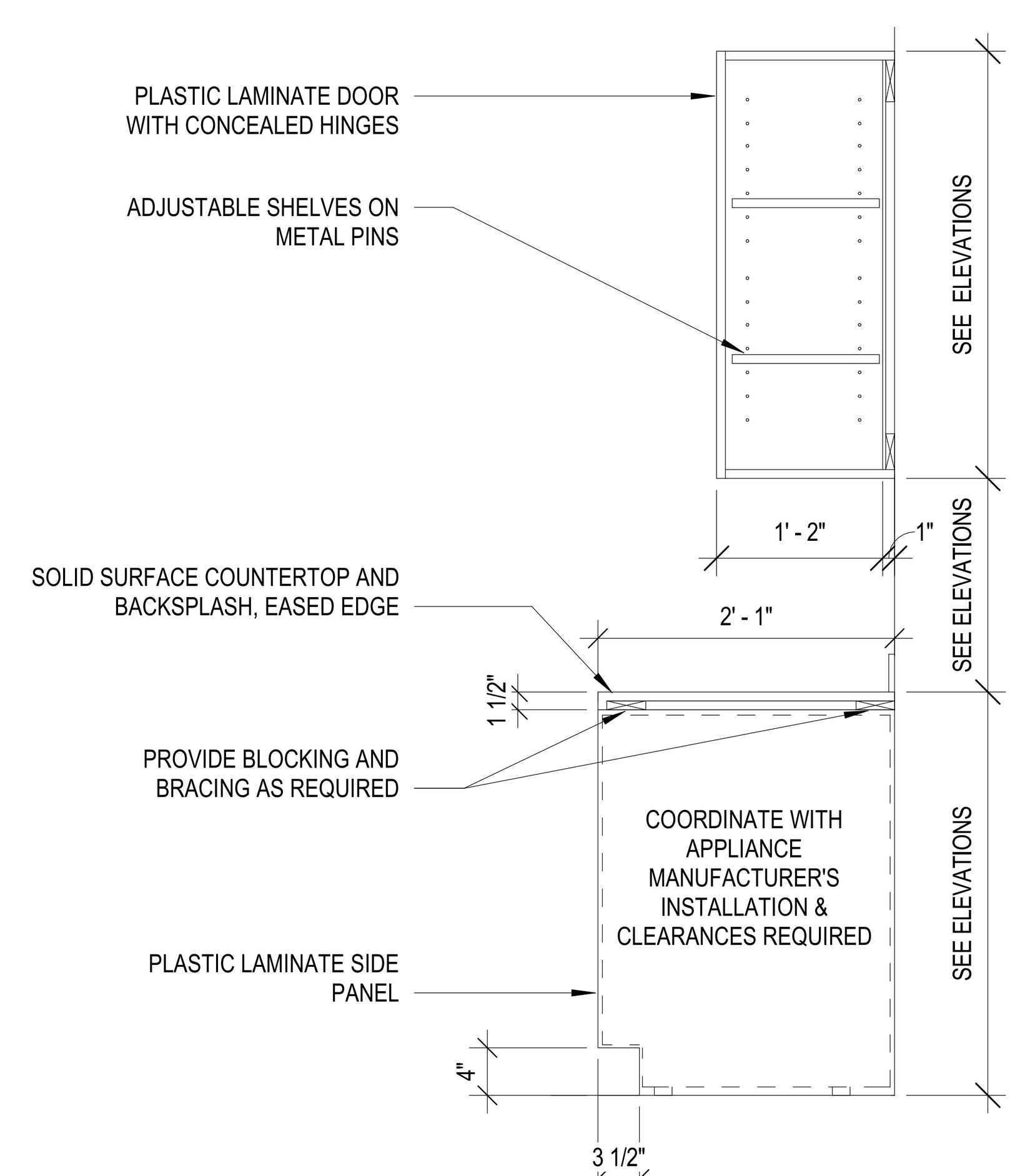
10 TALL STORAGE SECTION
3/4" = 1'-0"



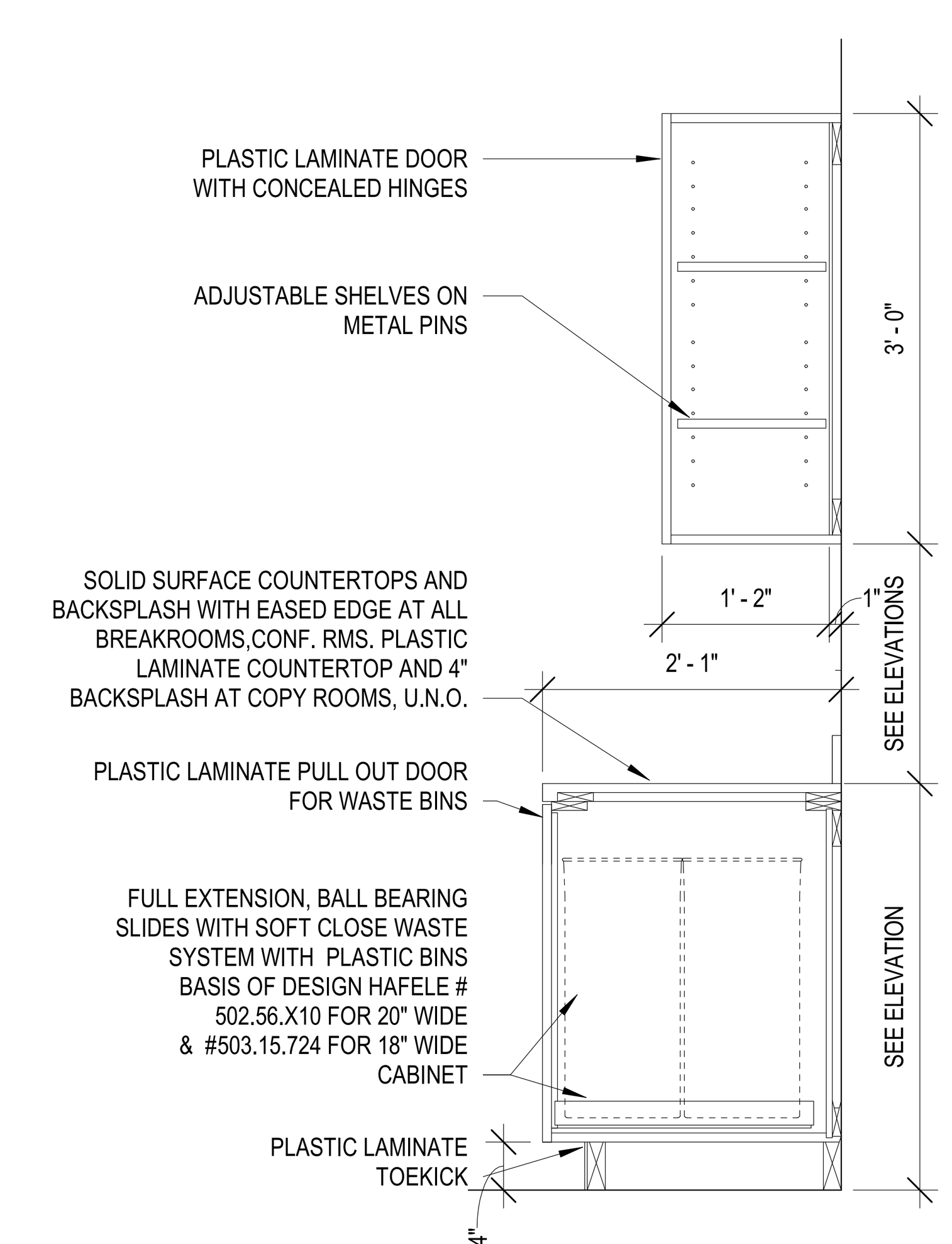
11 CABINET SECTION
3/4" = 1'-0"



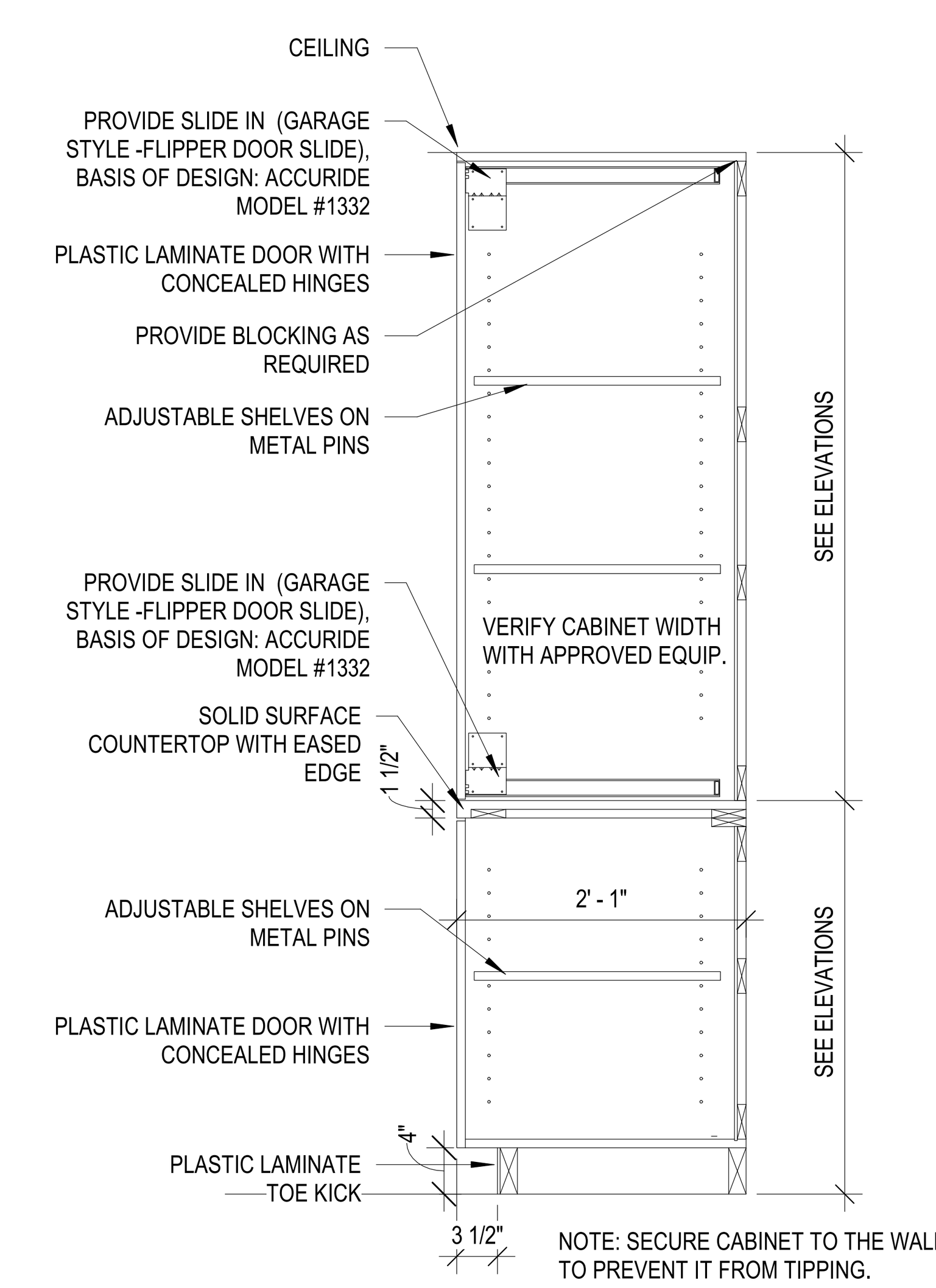
12 CABINET SECTION -SINK
3/4" = 1'-0"



13 CABINET SECTION -APPLIANCE AND UPPER CABINET
3/4" = 1'-0"



14 TRASH PULL-OUT CABINET
3/4" = 1'-0"



15 TALL CABINET WITH PANELING- SECTION
3/4" = 1'-0"

GENERAL NOTES - MILLWORK

1. ALL DIMENSIONS TO BE VERIFIED IN FIELD. ANY/ALL DISCREPANCIES OF ANY KIND, WHETHER FOUND IN THE DRAWINGS, SPECIFICATIONS, OR AT THE JOBSITE, NOTIFY ARCHITECT IMMEDIATELY. OTHERWISE, THE HIGHER QUALITY/COST ITEM OPTION NOTED TAKES PRECEDENCE.
2. ALL MILLWORK CONSTRUCTION MUST FOLLOW AWI INDUSTRY STANDARDS IN PREMIUM GRADE, SPECIFIED FOR THE HIGHEST LEVEL OF QUALITY, MATERIALS, WORKMANSHIP AND INSTALLATION. TYPE "A" FRAMELESS CONSTRUCTION WITH FLUSH OVERLAY STYLE, REVEAL DIMENSION 1/8" UNLESS OTHERWISE NOTED.
3. CASEWORK CONSTRUCTION, UNLESS OTHERWISE NOTED:
   - 3/4" FRT MDF FOR DOORS, DRAWER FRONTS, TOEKICK, CASEWORK BODY MEMBERS (SIDES/BOTTOM/ETC.) AND CASEWORK BASES.
   - EXTERIOR GRADE PLYWOOD FOR ALL COUNTERTOPS
   - 3/4" PLYWOOD (EXTERIOR GRADE) FOR SHELVES THAT SPAN UP TO 36" WIDE.
   - 1" PLYWOOD (EXTERIOR GRADE) FOR SHELVES THAT SPAN UP TO 48" WIDE.
   - 1/2" SOLID HARDWOOD LUMBER FOR DRAWER SIDES AND SUBFRONT.
   - 1/4" FRT MDF FOR CASEWORK BACKS.
   - 1/4" HARDWOOD PLYWOOD FOR DRAWER BOTTOMS.
   - ALL EXPOSED SURFACES TO BE PLASTIC LAMINATE, UNLESS OTHERWISE NOTED.
   - ALL INTERIOR SURFACES TO BE WHITE MELAMINE, UNLESS OTHERWISE NOTED.
4. ALL EXPOSED MILLWORK SURFACES TO BE FINISHED AS INDICATED IN THE FINISH PLAN LEGEND/SCHEDULE INCLUDED IN THE DRAWINGS. ALL INTERIOR SURFACES TO BE WHITE MELAMINE. U.N.O.
5. ALL INTERIOR DOORS TO INCLUDE DOOR STOPS-SPEC. INOX BY UNISON HARDWARE (DSIX08-32) STAINLESS STEEL DOOR STOPS /08 SATIN FINISH. INSTALL AT WALL WHEREVER POSSIBLE, OTHERWISE INSTALL AT FLOOR.
6. ALL MILLWORK HARDWARE DOOR/DRAWER PULLS TO BE BASIS OF DESIGN SPEC: DOUG MOCKETT FLAT TOP DP129-SSS, ADA COMPLIANT HARDWARE ON ALL CABINETS. FOR SUBSTITUTIONS PROVIDE DOCUMENTATION FOR APPROVAL.
7. ALL BASE CABINET TOE KICKS (EXPOSED SURFACES) TO BE 3/4" EXTERIOR GRADE PLYWOOD CONSTRUCTION, 4" HIGH U.N.O. & TO BE FINISHED TO MATCH THE BASE CABINET FINISH, U.N.O.
8. PLUMBING ROUGH INS, ELECTRICAL CONNECTIONS, DATA, GREASE TRAPS AND REQUIRED DIMENSIONS WITH ALL APPROVED EQUIPMENT/ APPLIANCES MUST BE COORDINATED COORDINATED/VERIFIED AS PER THE MANUFACTURER'S SPECIFICATIONS PRIOR TO ANY FABRICATION AND/ OR INSTALLATION OF ANY CASEWORK.
9. ALL SPECIFIED FLOORING SHALL BE INSTALLED TO RUN BELOW ALL MILLWORK, ENTIRELY- TO EXTEND THE FULL LENGTH/ DISTANCE TO THE WALL- AND TO THE CENTERLINE OF ALL DOORS, U.N.O.
10. PROVIDE GROMMETS WITH CAPS AT ALL MILLWORK LOCATIONS NOTED. ALL TO BE 2 1/2" DIAMETER; EXACT LOCATIONS TO BE DETERMINED IN THE FIELD WITH CLIENT. GROMMETS TO MATCH COLOR OF TOP WHERE LOCATED.
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12. MAINTAIN AN 18" MINIMUM CLEAR DIMENSION AT ALL MILLWORK LOCATED ADJACENT TO DOOR LOCATIONS U.N.O.
13. VOC MATERIAL LIMITS- PROVIDE DOCUMENTATION INDICATING THAT PRODUCTS COMPLY WITH THE TESTING AND PRODUCT REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES "STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS." AND LEED REQUIREMENTS, SEE SPECIFICATIONS FOR ALL CABINET COMPONENTS.
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    1.) WOOD GLUES 30g/L
    2.) CONTACT ADHESIVE: 250 g/L
15. PROVIDE SHOP DRAWINGS.
16. SECURE/FASTEN ALL TALL CABINETS AND LOCKERS TO WALLS AND TO EACH OTHER TO PREVENT TIPPING.
17. PROVIDE LOCKS ON CABINETS WITH ONE MASTER KEY, AS MARKED IN PLANS. U.N.O.
17. PROVIDE CPU HOLDER BASIS OF DESIGN DOUG MOCKETT CPU1A IN METALLIC SILVER AT ALL DESK LOCATIONS AT ALL DESK AREAS.

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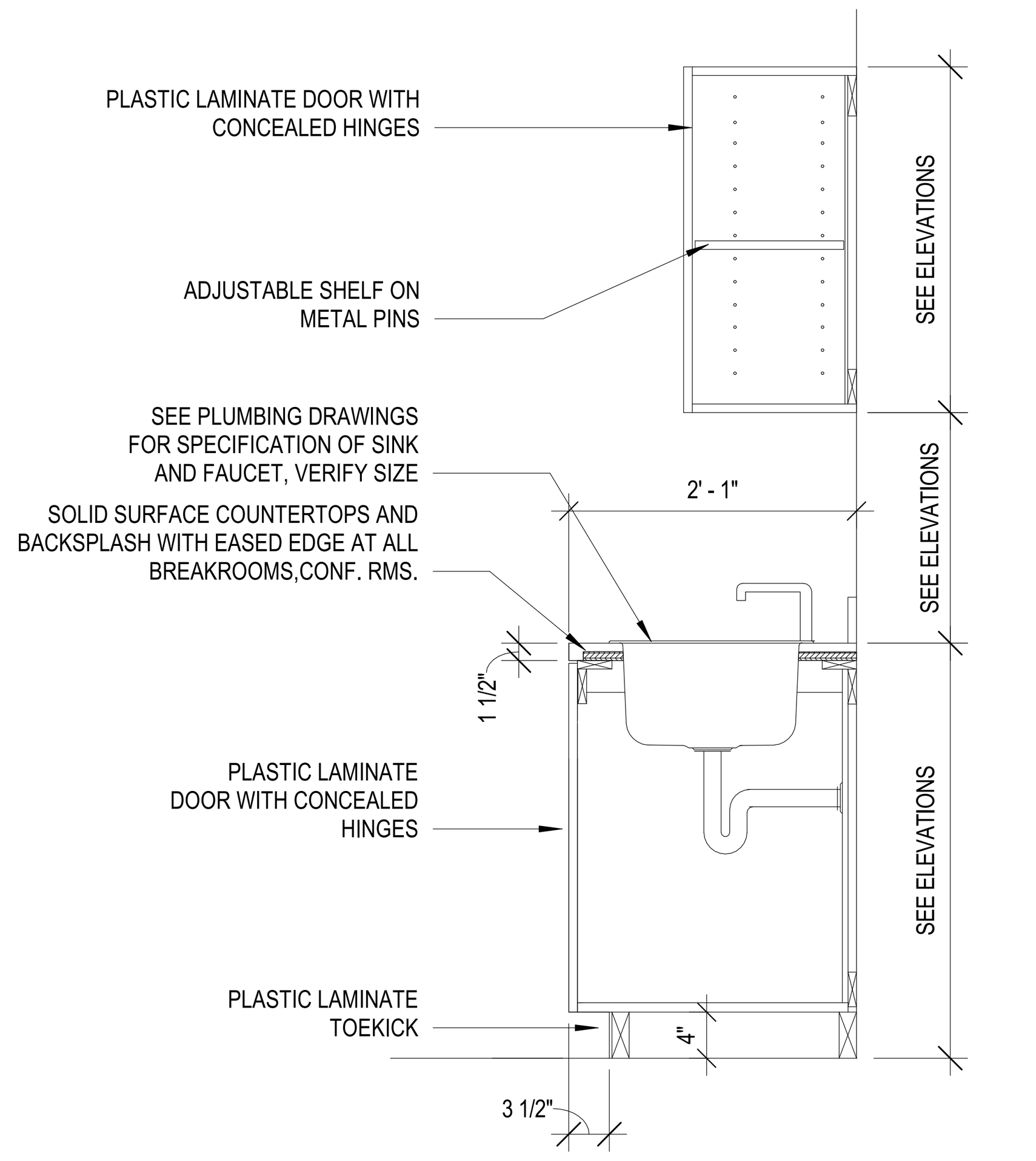
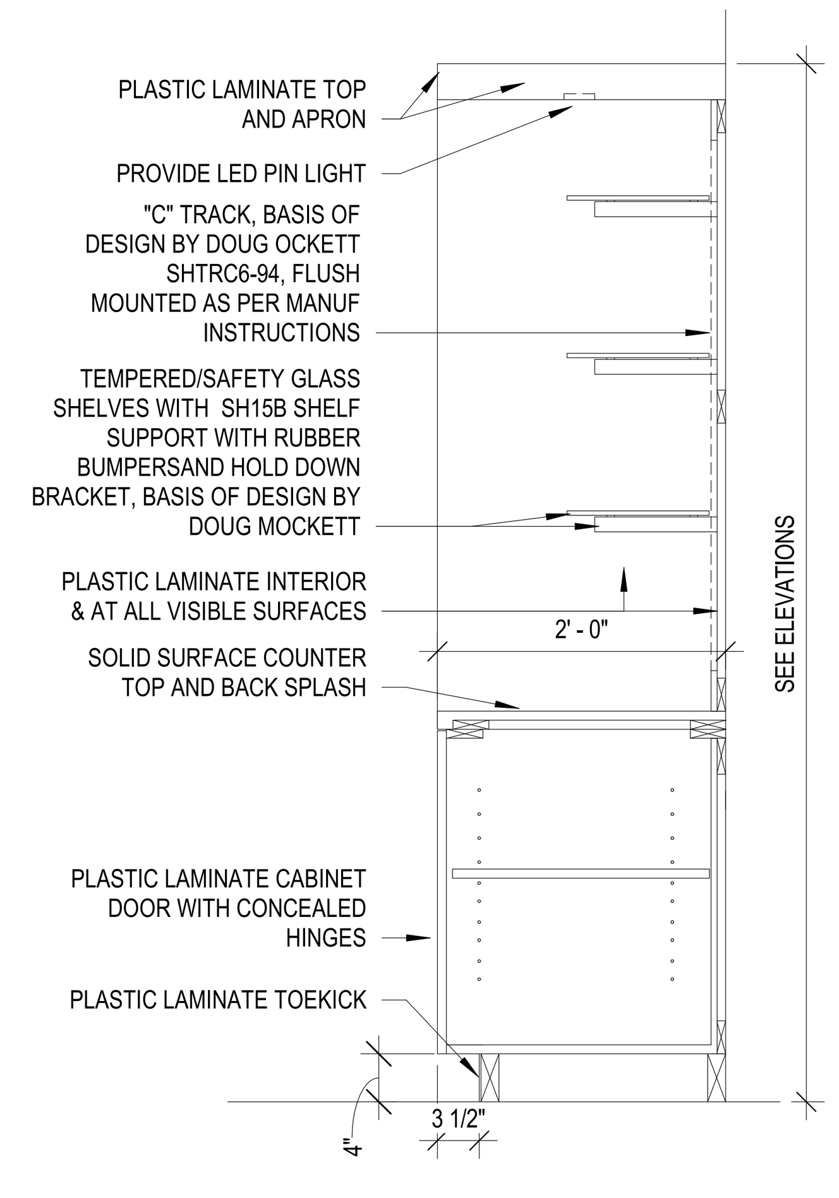
MILLWORK SECTIONS

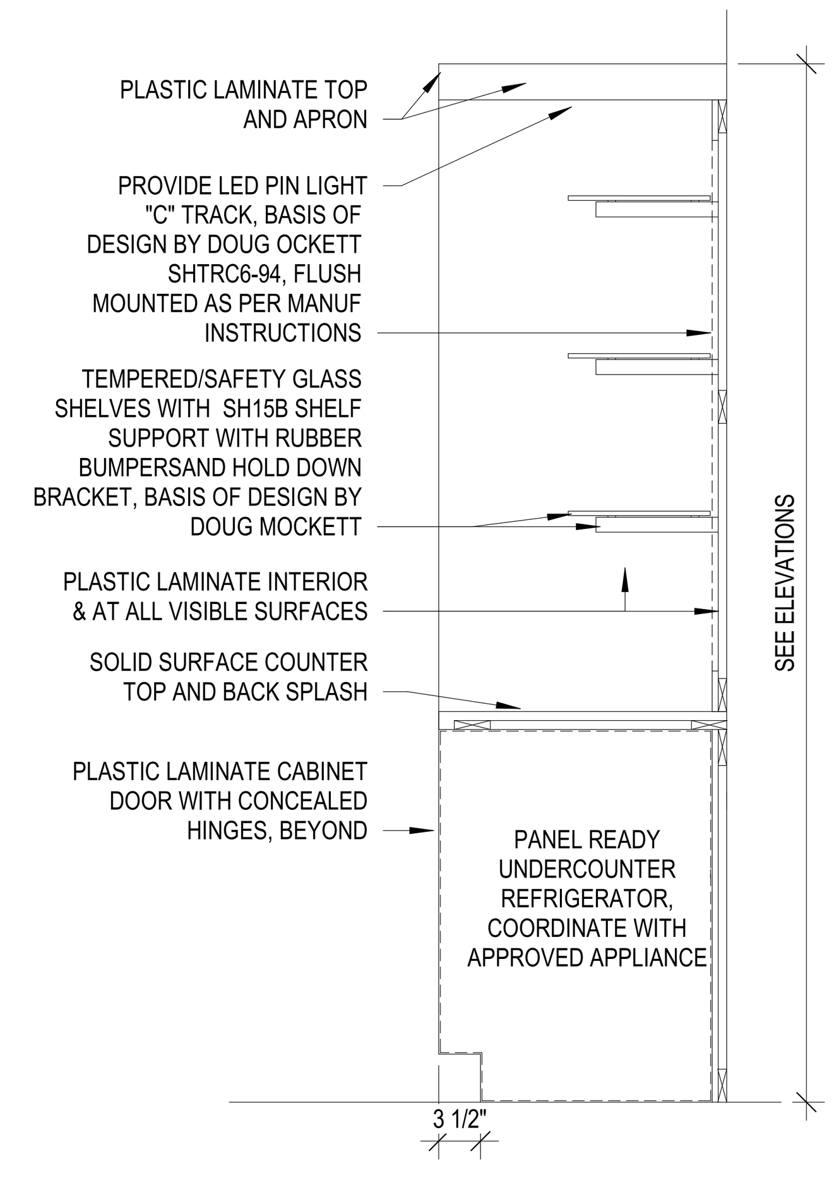
A-420



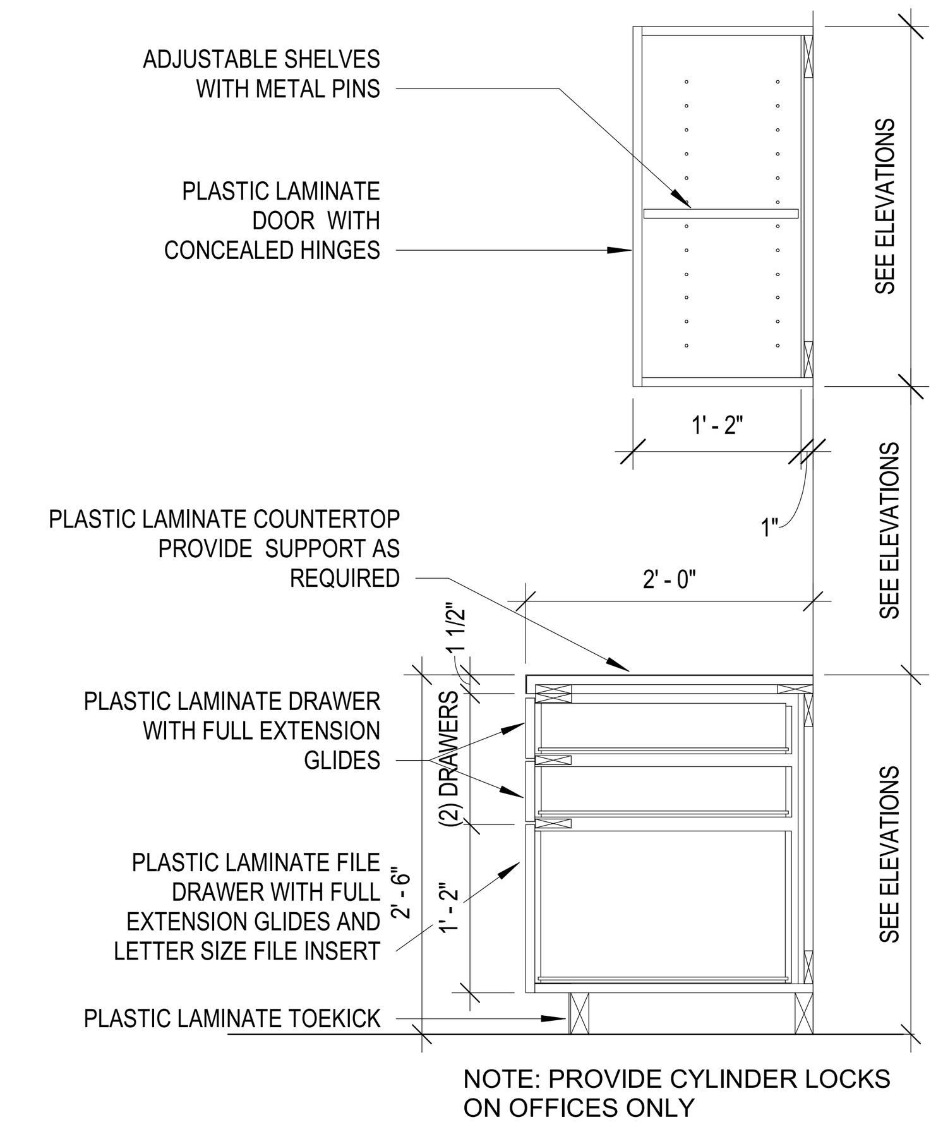
1 CABINET SECTION -SINK BK RM 2ND & 3RD FL
3/4" = 1'-0"



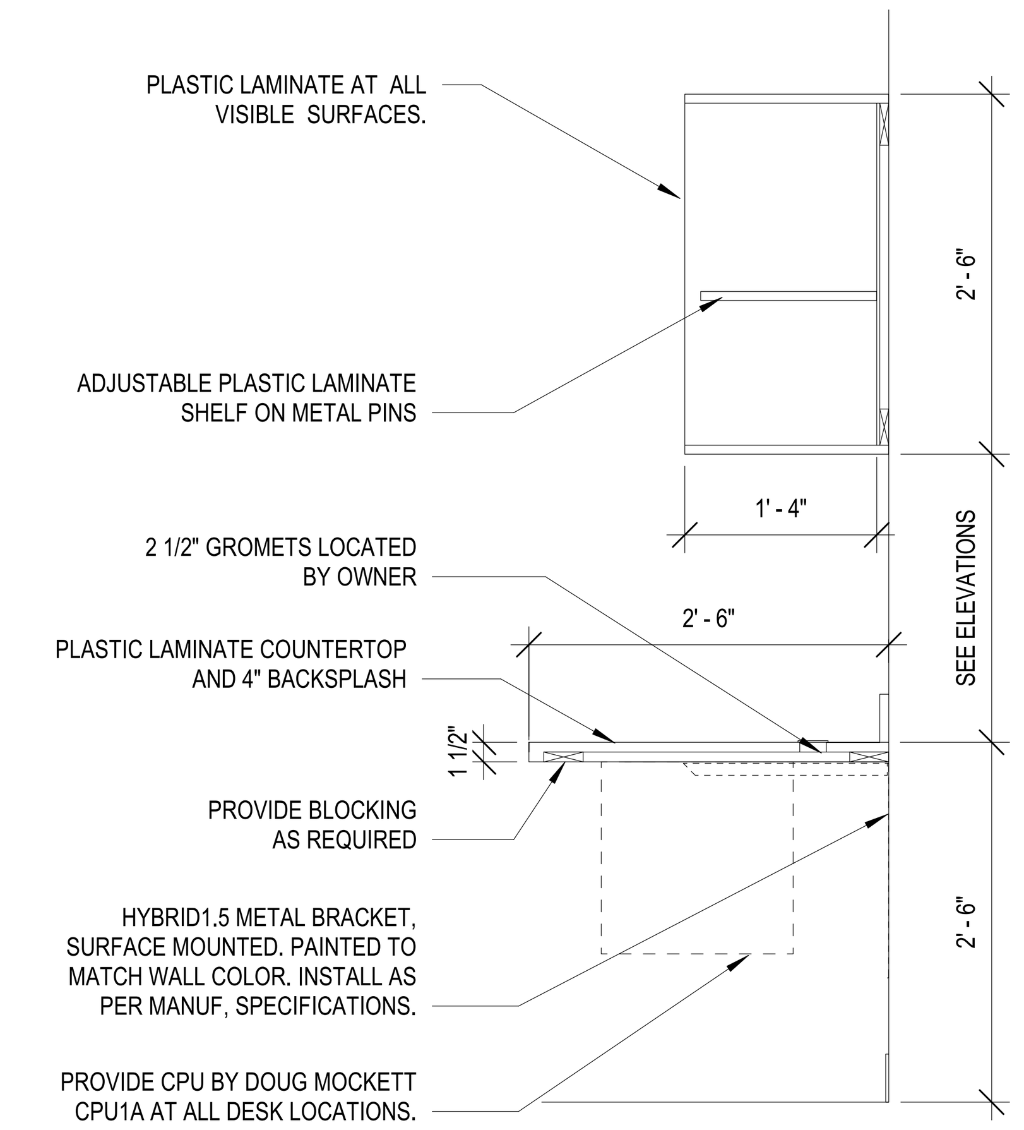
2 CABINET- EXECUTIVE OFFICE 316
3/4" = 1'-0"



3 CABINET- EXECUTIVE OFFICE 316
3/4" = 1'-0"



4 DESK SECTION WITH DRAWERS Copy 1
3/4" = 1'-0"



5 DESK COUNTER SECTION WITH UPPER SHELVES
3/4" = 1'-0"

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   - 1/4" HARDWOOD PLYWOOD FOR DRAWER BOTTOMS.
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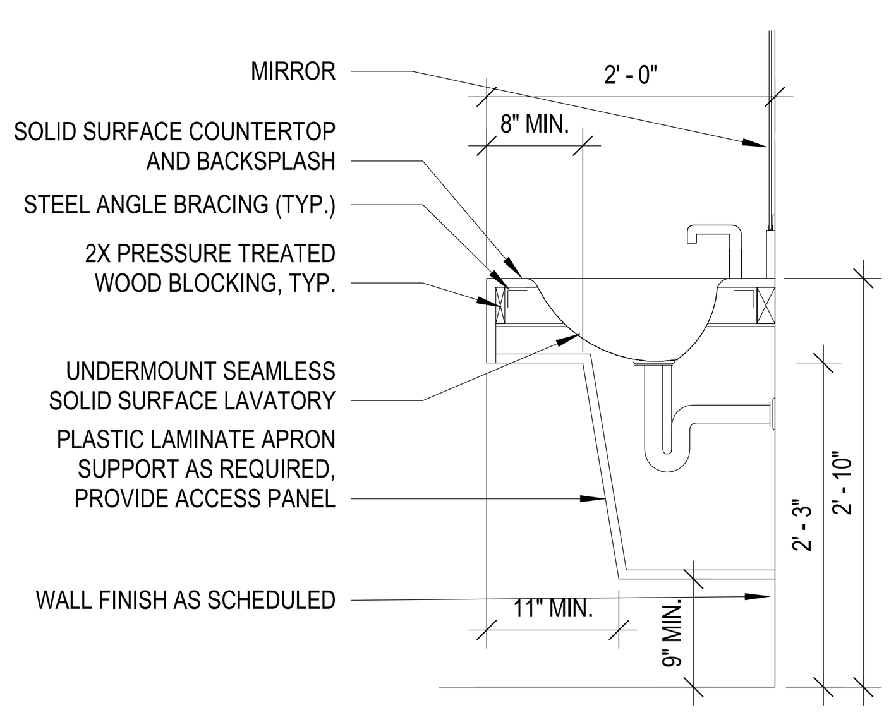
    2.) CONTACT ADHESIVE: 250 g/L

15. PROVIDE SHOP DRAWINGS.

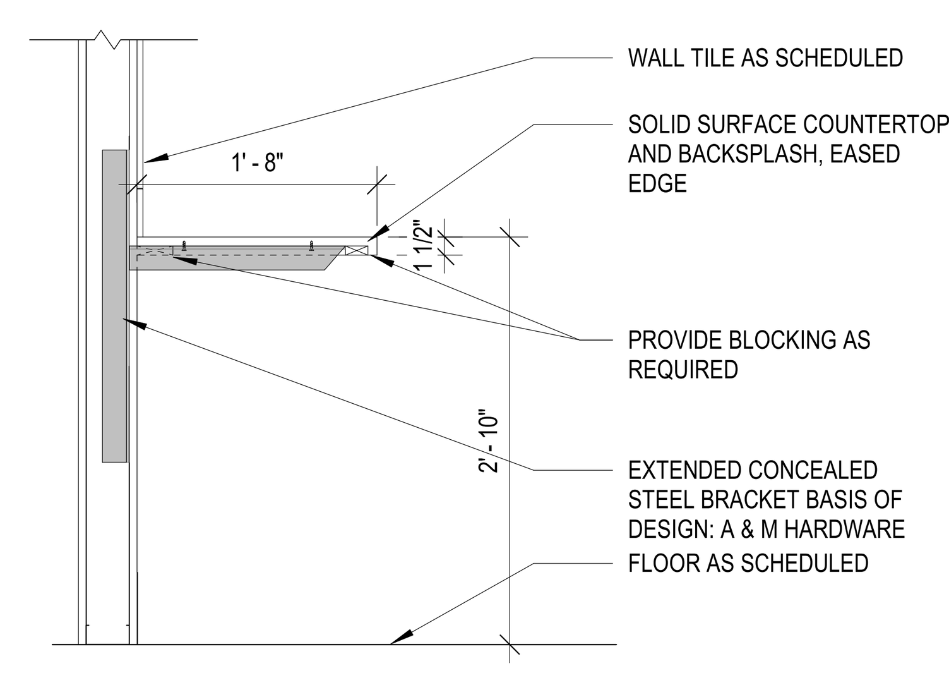
16. SECURE/FASTEN ALL TALL CABINETS AND LOCKERS TO WALLS AND TO EACH OTHER TO PREVENT TIPPING.

17. PROVIDE LOCKS ON CABINETS WITH ONE MASTER KEY, AS MARKED IN PLANS. U.N.O.

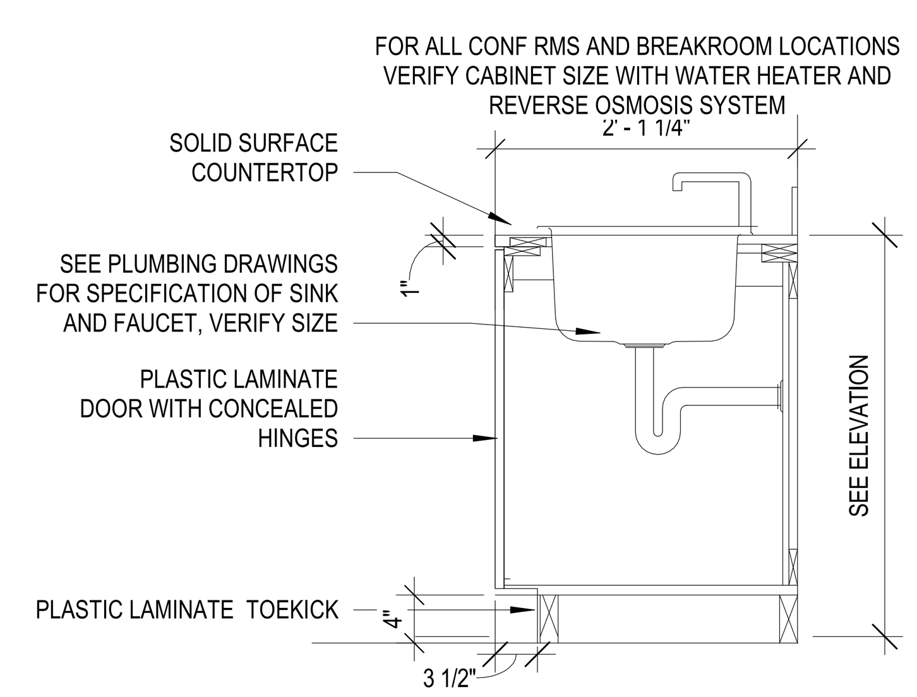
17. PROVIDE CPU HOLDER BASIS OF DESIGN DOUG MOCKETT CPU1A IN METALLIC SILVER AT ALL DESK LOCATIONS AT ALL DESK AREAS.



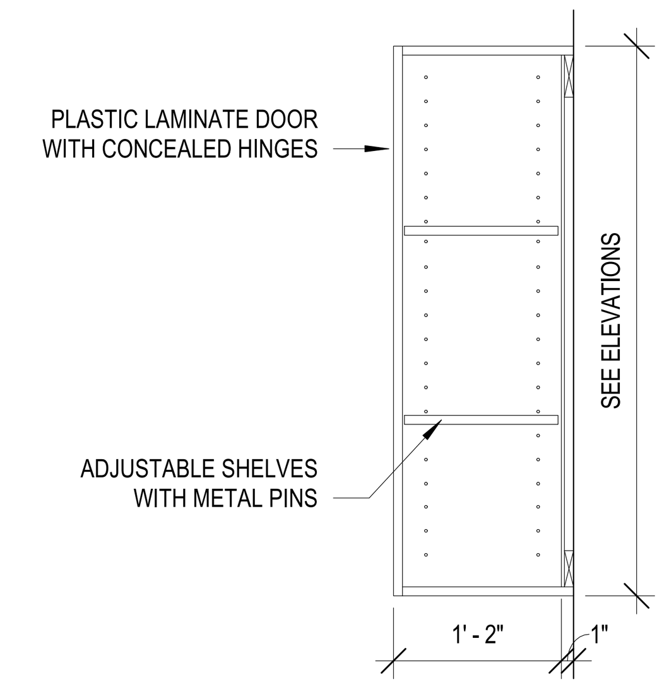
11 BATHROOM VANITY SECTION- TYP.
3/4" = 1'-0"



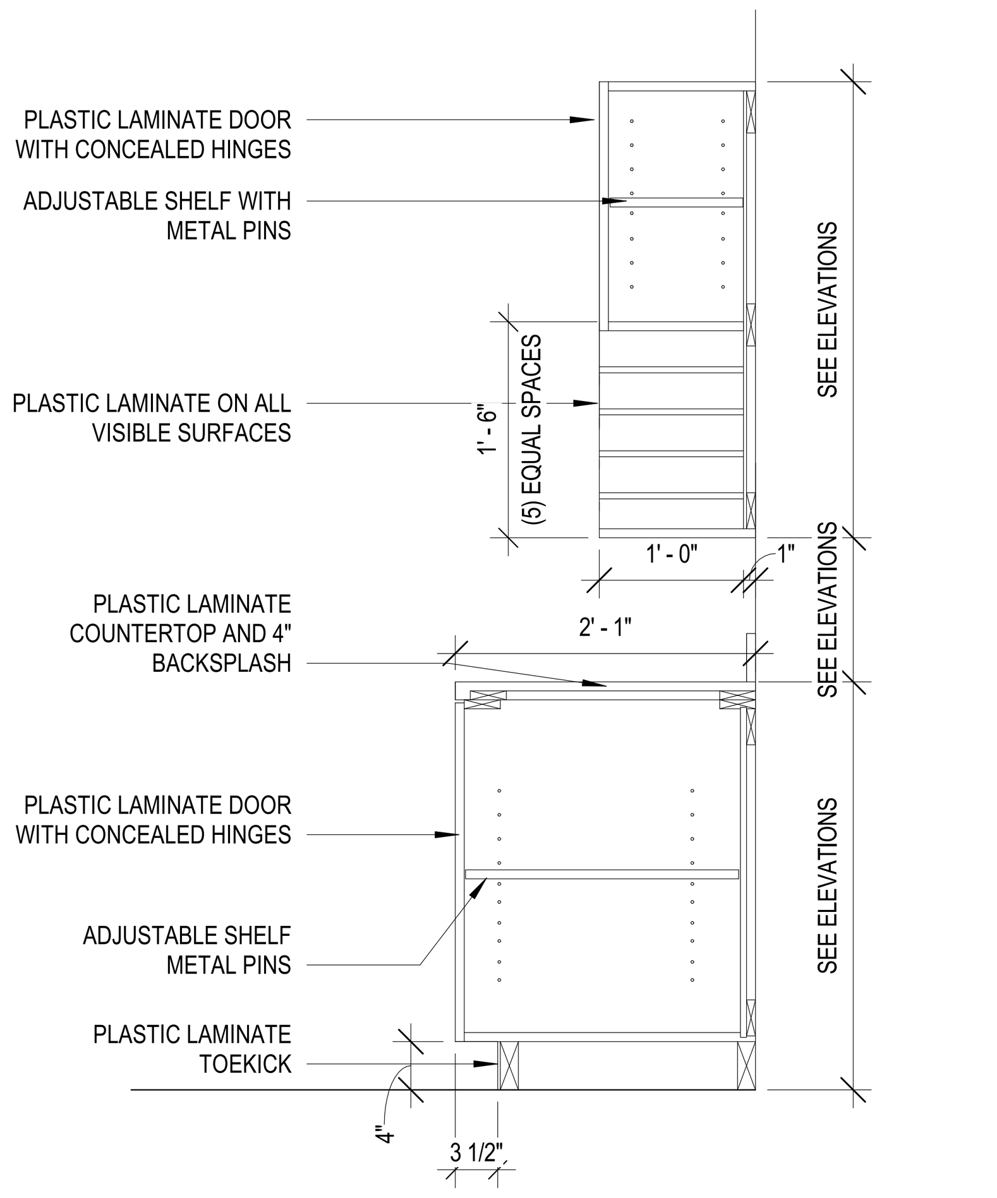
12 COUNTERTOP SECTION
3/4" = 1'-0"



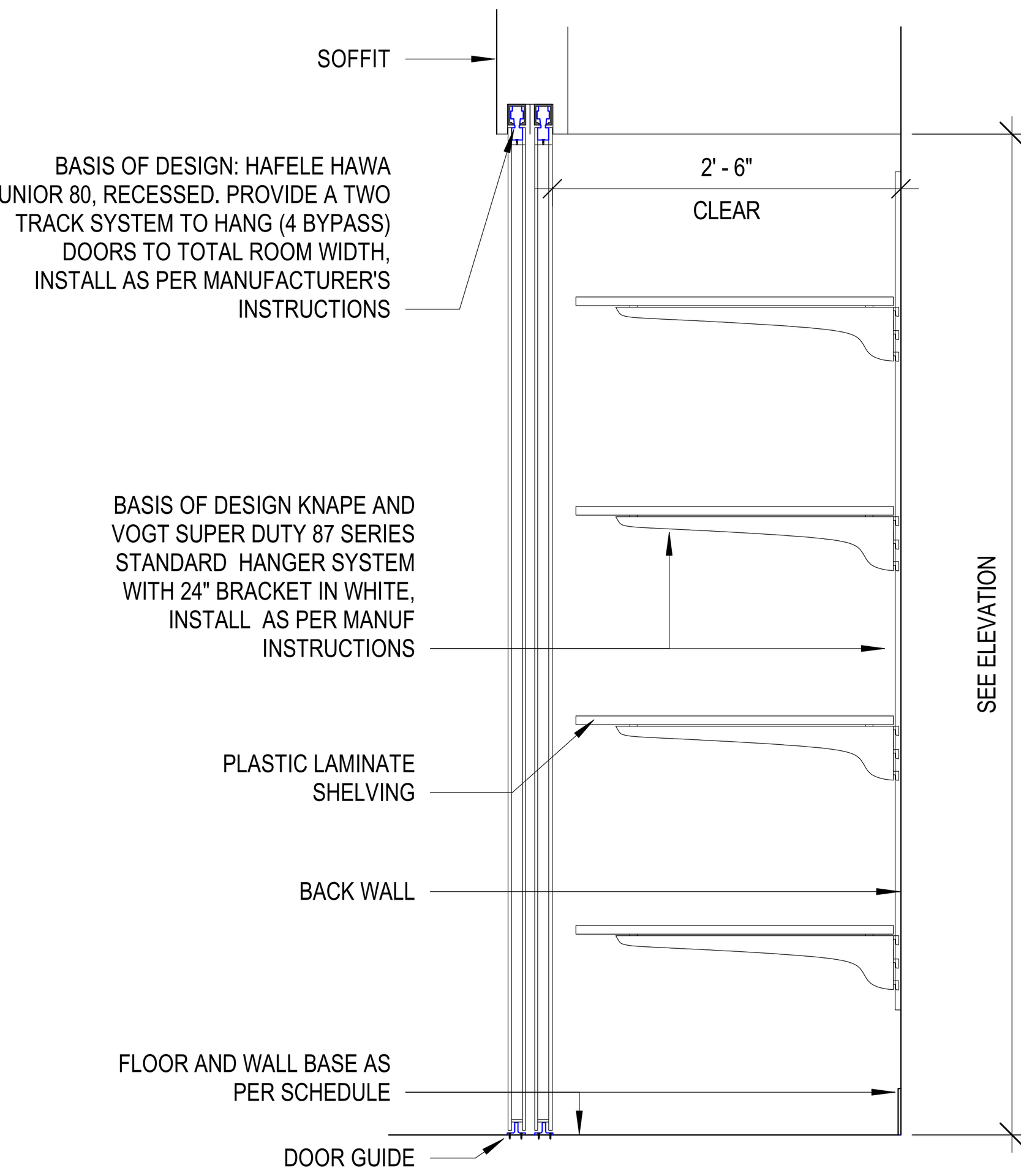
13 CABINET SINK SECTION
3/4" = 1'-0"



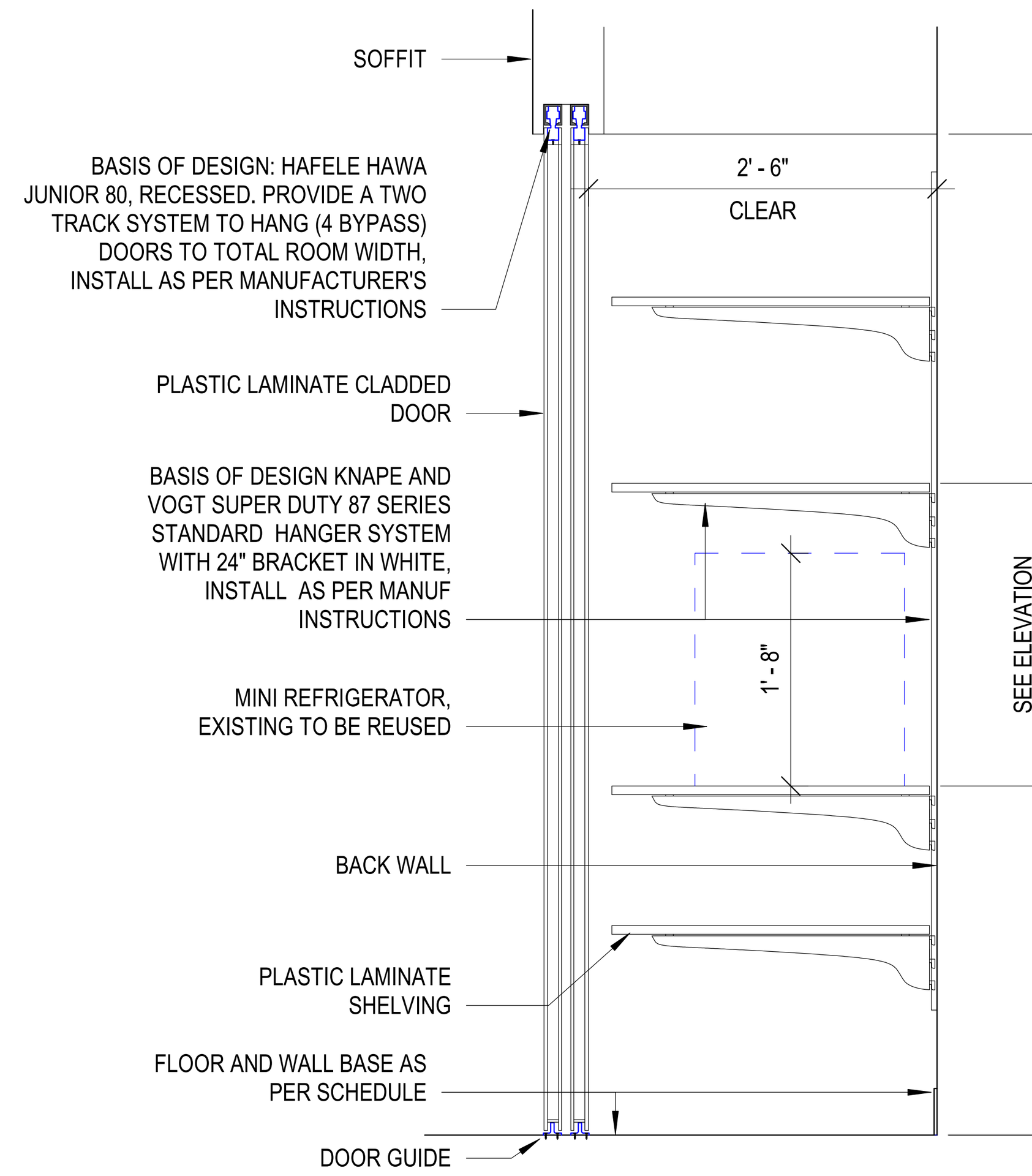
14 UPPER CABINET
3/4" = 1'-0"



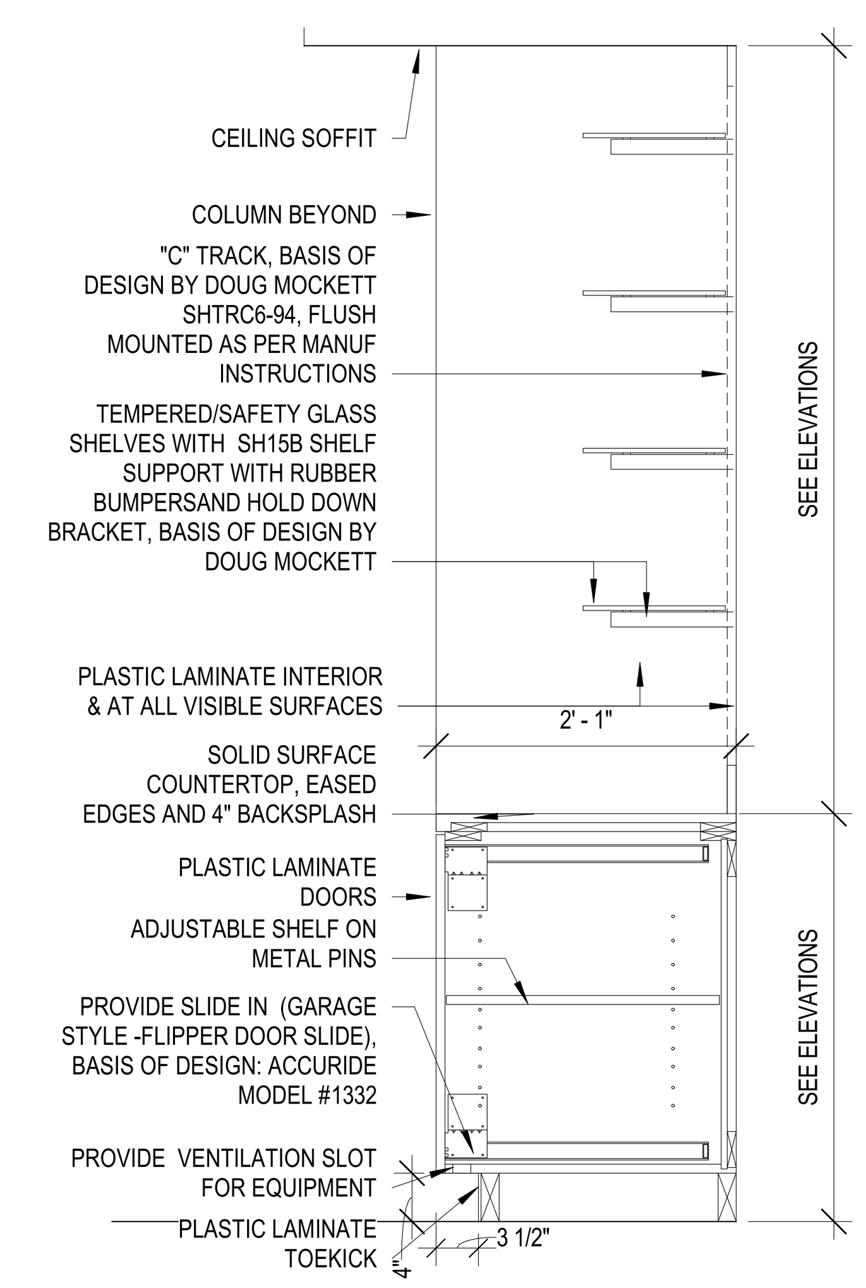
15 MAIL CABINET
3/4" = 1'-0"



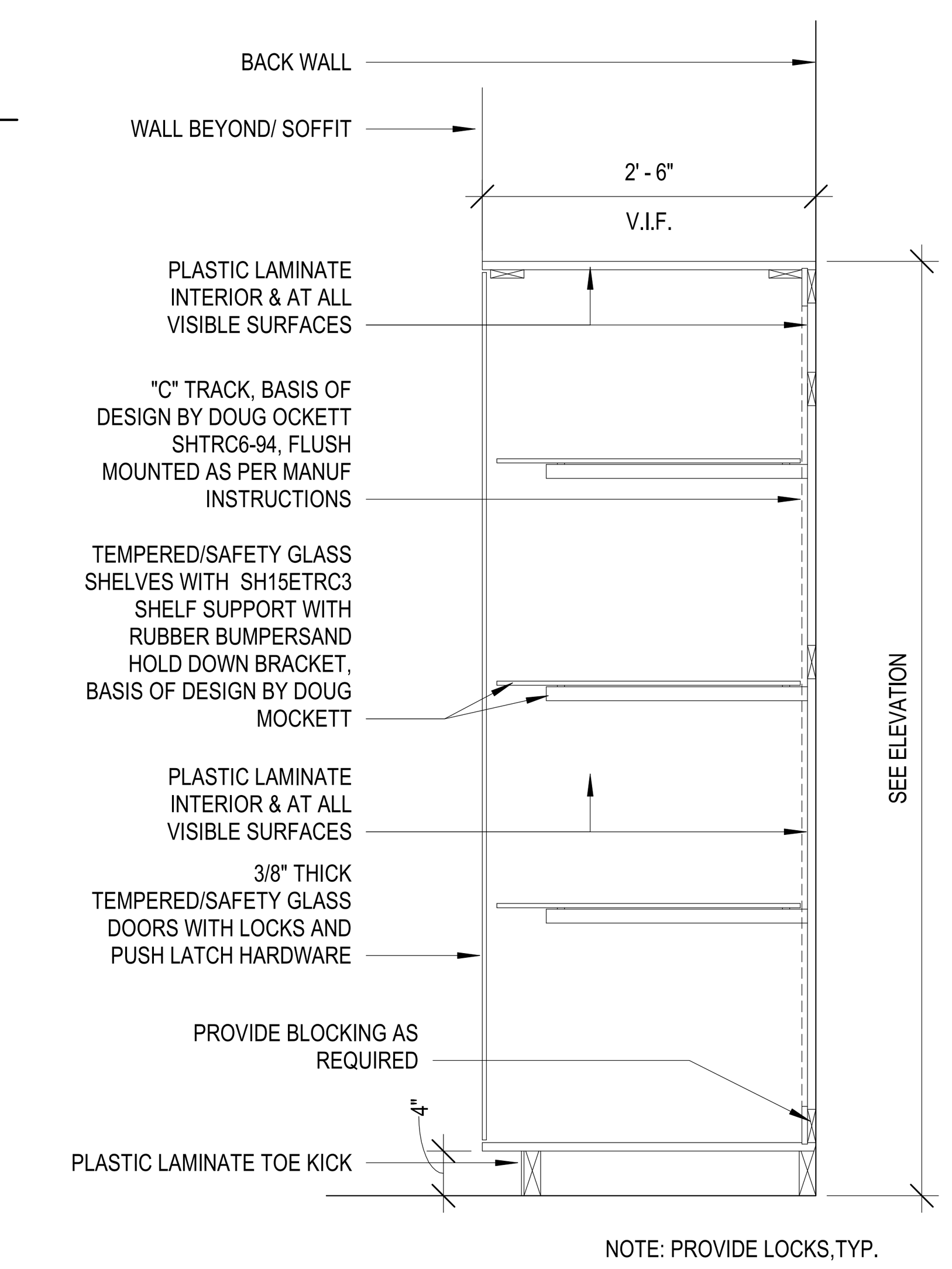
16 OFFICE 133- CLOSET
3/4" = 1'-0"



17 OFFICE 133- CLOSET
3/4" = 1'-0"



18 CONF. ROOM CASEWORK
3/4" = 1'-0"



19 BUILT IN MEMORABILIA DISPLAY CASE
3/4" = 1'-0"

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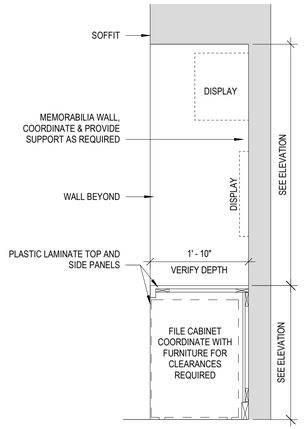
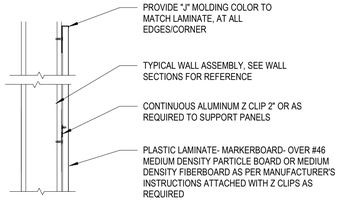
MILLWORK SECTIONS

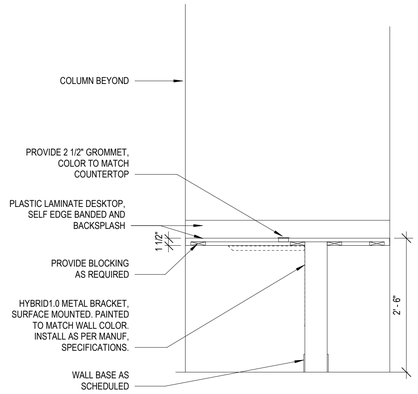
A-421



2 CABINET AT WORKSTATION AREA
3/4" = 1'-0"



3 MARKER BOARD DETAIL- PLASTIC LAMINATE
1 1/2" = 1'-0"



4 DESK COUNTER SECTION
3/4" = 1'-0"

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5. ALL INTERIOR DOORS TO INCLUDE DOOR STOPS-SPEC. INOX BY UNISON HARDWARE (DSIX08-32) STAINLESS STEEL DOOR STOPS /08 SATIN FINISH. INSTALL AT WALL WHEREVER POSSIBLE, OTHERWISE INSTALL AT FLOOR.

6. ALL MILLWORK HARDWARE DOOR/DRAWER PULLS TO BE BASIS OF DESIGN SPEC: DOUG MOCKETT FLAT TOP DP129-SSS, ADA COMPLIANT HARDWARE ON ALL CABINETS. FOR SUBSTITUTIONS PROVIDE DOCUMENTATION FOR APPROVAL.

7. ALL BASE CABINET TOE KICKS (EXPOSED SURFACES) TO BE 3/4" EXTERIOR GRADE PLYWOOD CONSTRUCTION, 4" HIGH U.N.O. & TO BE FINISHED TO MATCH THE BASE CABINET FINISH, U.N.O.

8. PLUMBING ROUGH INS, ELECTRICAL CONNECTIONS, DATA, GREASE TRAPS AND REQUIRED DIMENSIONS WITH ALL APPROVED EQUIPMENT/ APPLIANCES MUST BE COORDINATED COORDINATED/VERIFIED AS PER THE MANUFACTURER'S SPECIFICATIONS PRIOR TO ANY FABRICATION AND/ OR INSTALLATION OF ANY CASEWORK.

9. ALL SPECIFIED FLOORING SHALL BE INSTALLED TO RUN BELOW ALL MILLWORK, ENTIRELY- TO EXTEND THE FULL LENGTH/ DISTANCE TO THE WALL- AND TO THE CENTERLINE OF ALL DOORS, U.N.O.

10.PROVIDE GROMMETS WITH CAPS AT ALL MILLWORK LOCATIONS NOTED. ALL TO BE 2 1/2" DIAMETER; EXACT LOCATIONS TO BE DETERMINED IN THE FIELD WITH CLIENT. GROMMETS TO MATCH COLOR OF TOP WHERE LOCATED.

11.ALL MATERIAL FINISHES/ SAMPLES AT MILLWORK (INCLUDING HARDWARE, HINGES, AND/OR ALTERNATE FINISHES/MATERIAL OPTIONS) MUST BE SUBMITTED FOR ARCHITECT'S APPROVAL PRIOR TO FABRICATION AND/OR INSTALLATION.

12.MAINTAIN AN 18" MINIMUM CLEAR DIMENSION AT ALL MILLWORK LOCATED ADJACENT TO DOOR LOCATIONS U.N.O.

13.VOC MATERIAL LIMITS- PROVIDE DOCUMENTATION INDICATING THAT PRODUCTS COMPLY WITH THE TESTING AND PRODUCT REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES "STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS." AND LEED REQUIREMENTS, SEE SPECIFICATIONS FOR ALL CABINET COMPONENTS.

14.VOC LIMITS FOR INSTALLATION ADHESIVES AND GLUES: USE INSTALLATION ADHESIVES THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENTS WHEN CALCULATED ACCORDING TO 40 CFR 59,SUBPART D (EPA METHOD 24) :
    1.) WOOD GLUES 30g/L
    2.) CONTACT ADHESIVE: 250 g/L

15.PROVIDE SHOP DRAWINGS.

16.SECURE/FASTEN ALL TALL CABINETS AND LOCKERS TO WALLS AND TO EACH OTHER TO PREVENT TIPPING.

17.PROVIDE LOCKS ON CABINETS WITH ONE MASTER KEY, AS MARKED IN PLANS. U.N.O.

17.PROVIDE CPU HOLDER BASIS OF DESIGN DOUG MOCKETT CPU1A IN METALLIC SILVER AT ALL DESK LOCATIONS AT ALL DESK AREAS.

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THEA TMC OFFICE RENOVATION
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Project number
1924

DISTRIBUTION

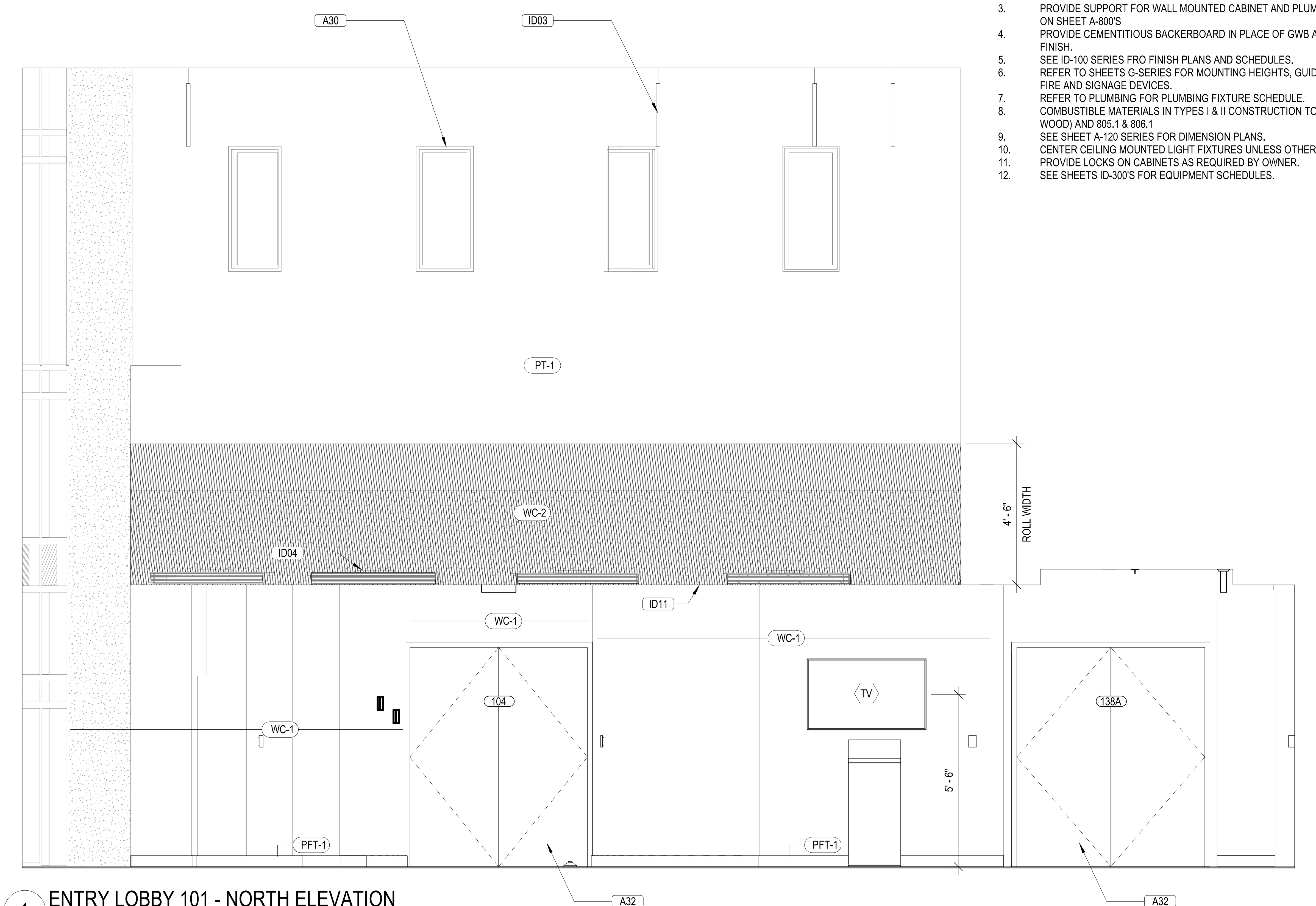
MILESTONE	DATE
PERMIT SET	5-7-2020
REV 1	8-7-2020

MILLWORK SECTIONS

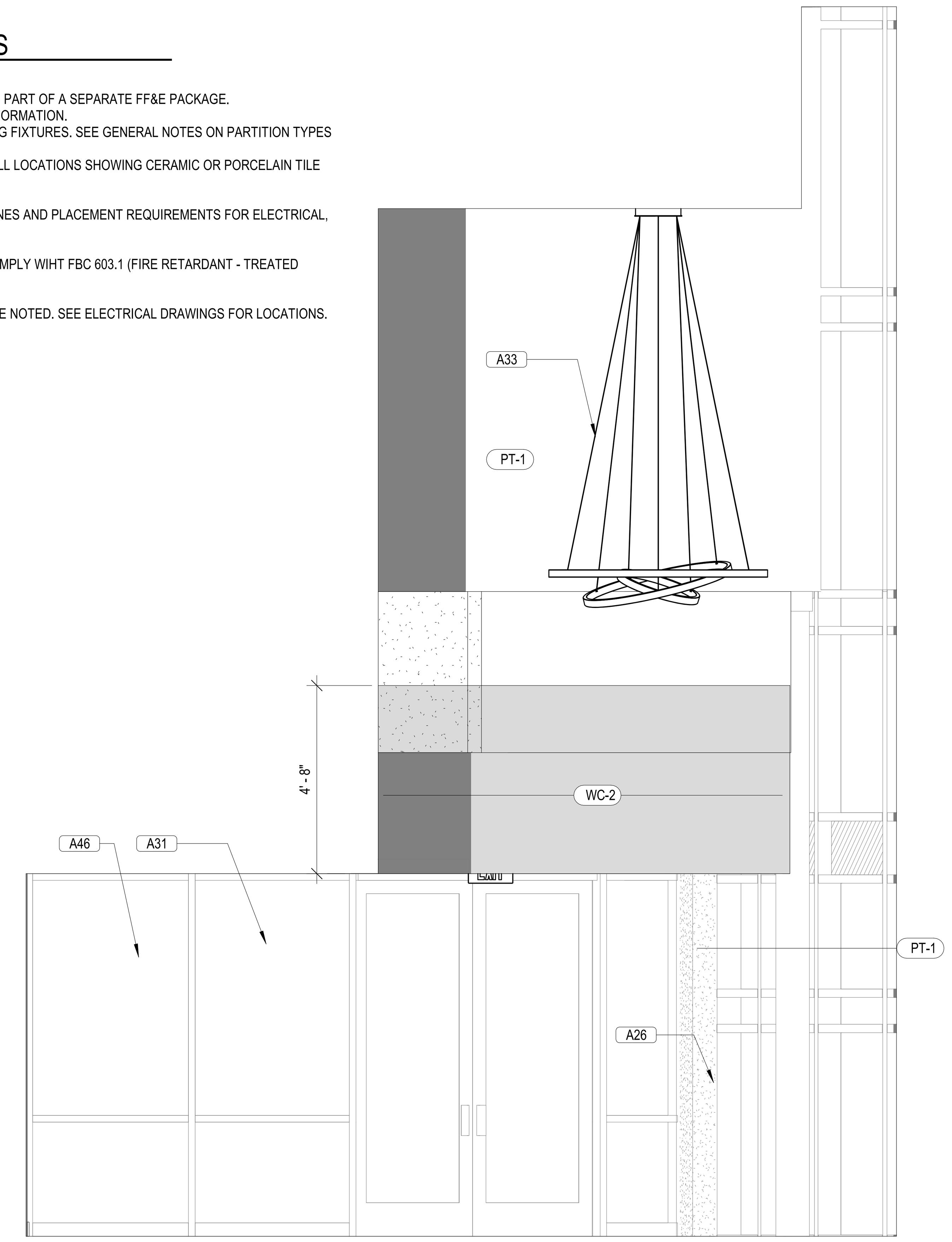
A-422

GENERAL NOTES INTERIOR ELEVATIONS

1. ALL ITEMS ON THE FURNITURE PLAN ARE OWNER FURNISHED AS PART OF A SEPARATE FF&E PACKAGE.
2. REFER TO SHEETS A-800 SERIES FOR DOOR AND HARDWARE INFORMATION.
3. PROVIDE SUPPORT FOR WALL MOUNTED CABINET AND PLUMBING FIXTURES. SEE GENERAL NOTES ON PARTITION TYPES ON SHEET A-800'S
4. PROVIDE CEMENTITIOUS BACKERBOARD IN PLACE OF GWB AT ALL LOCATIONS SHOWING CERAMIC OR PORCELAIN TILE FINISH.
5. SEE ID-100 SERIES FRO FINISH PLANS AND SCHEDULES.
6. REFER TO SHEETS G-SERIES FOR MOUNTING HEIGHTS, GUIDELINES AND PLACEMENT REQUIREMENTS FOR ELECTRICAL, FIRE AND SIGNAGE DEVICES.
7. REFER TO PLUMBING FOR PLUMBING FIXTURE SCHEDULE.
8. COMBUSTIBLE MATERIALS IN TYPES I & II CONSTRUCTION TO COMPLY WIHT FBC 603.1 (FIRE RETARDANT - TREATED WOOD) AND 805.1 & 806.1
9. SEE SHEET A-120 SERIES FOR DIMENSION PLANS.
10. CENTER CEILING MOUNTED LIGHT FIXTURES UNLESS OTHERWISE NOTED. SEE ELECTRICAL DRAWINGS FOR LOCATIONS.
11. PROVIDE LOCKS ON CABINETS AS REQUIRED BY OWNER.
12. SEE SHEETS ID-300'S FOR EQUIPMENT SCHEDULES.

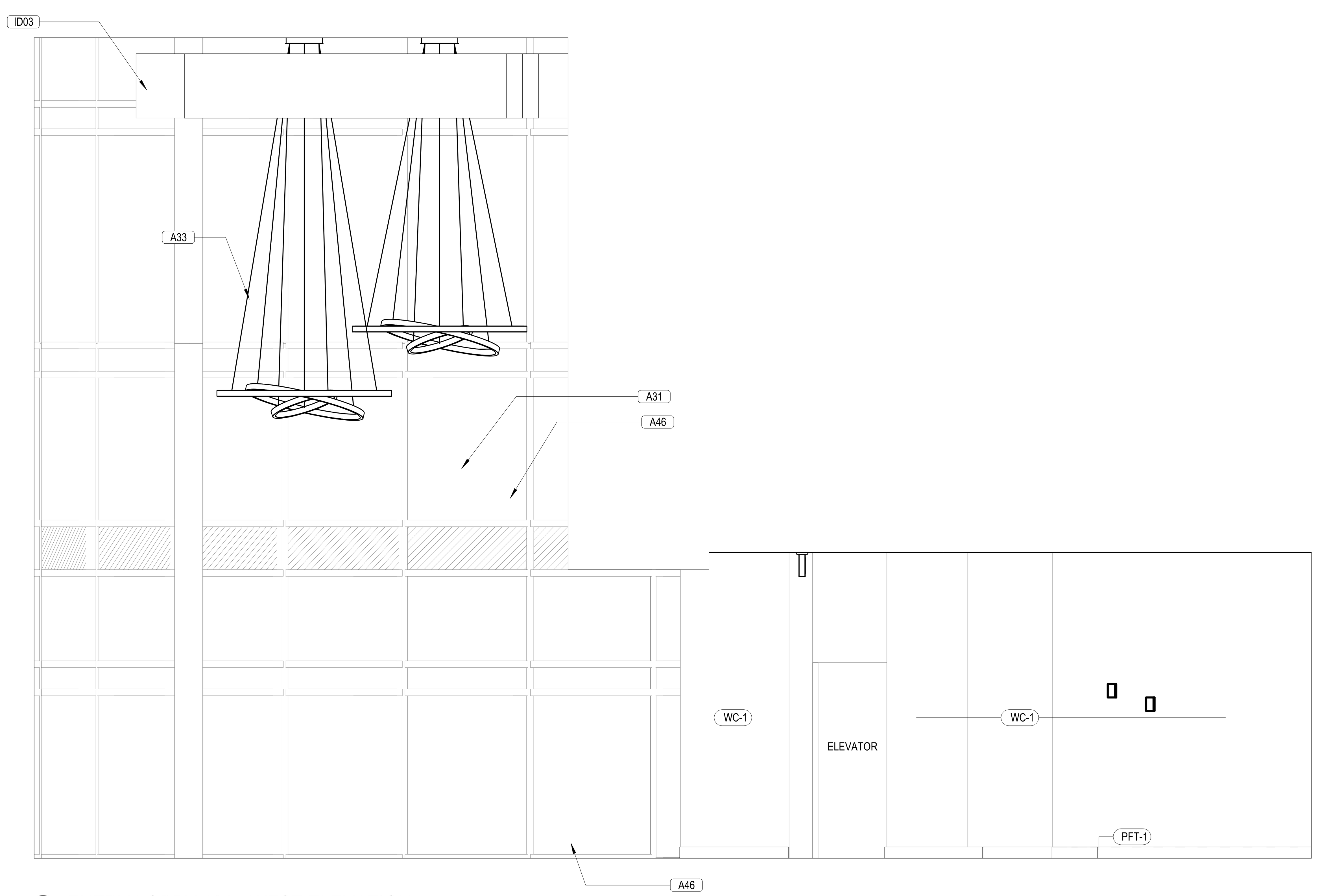


1 ENTRY LOBBY 101 - NORTH ELEVATION
3/8" = 1'-0"

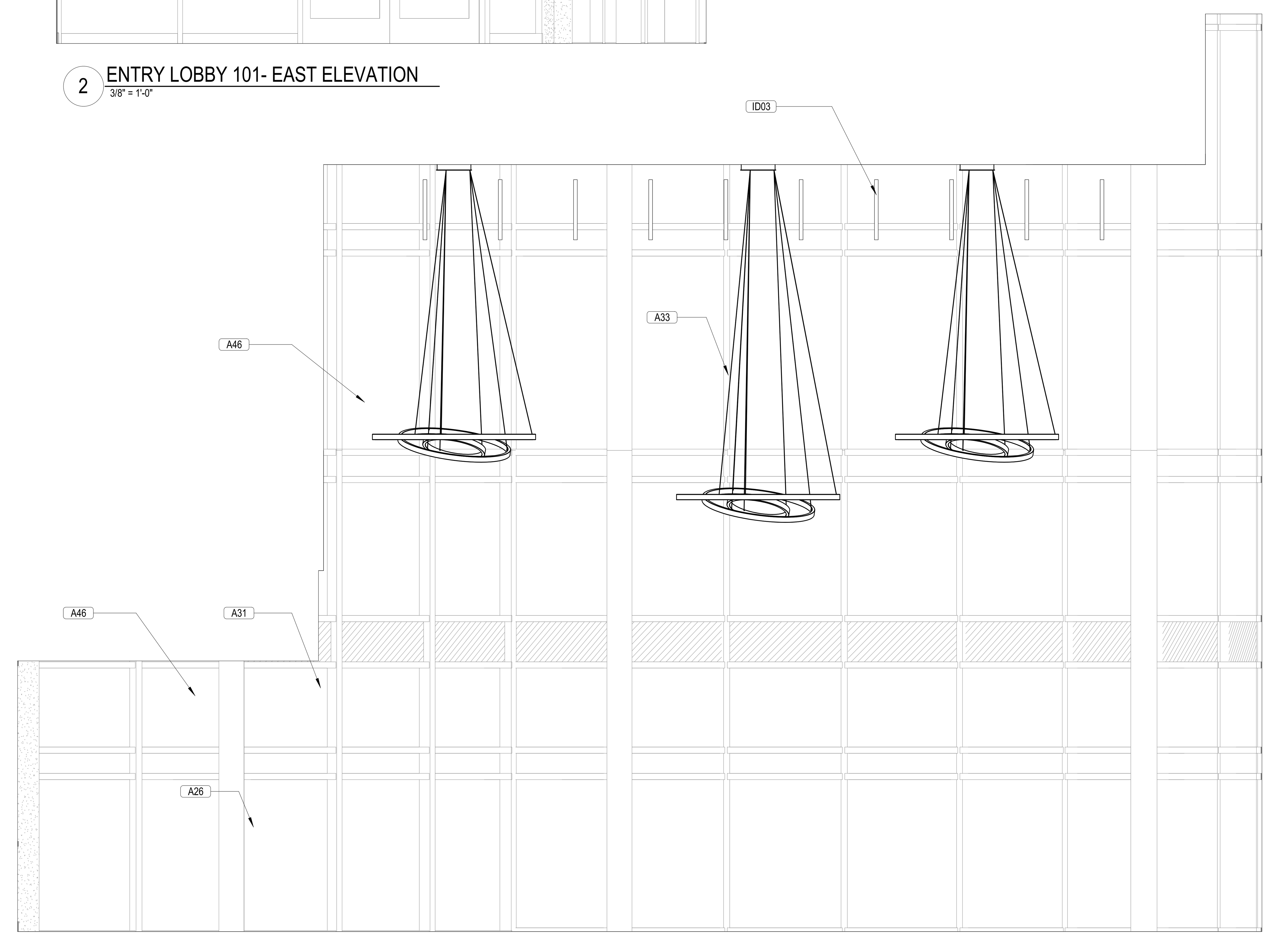


2 ENTRY LOBBY 101- EAST ELEVATION
3/8" = 1'-0"

SPECIFIC KEYNOTES - INTERIOR	
NUMBER	TEXT
A14	NEW VANITY LIGHT FIXTURE, REFER TO ELECTRICAL.
A18	CEILING MOUNTED TV WITH ADJUSTABLE SWING BRACKET. COORDINATE ALL LOCATIONS OF TVS AND MOUNTING HEIGHT WITH AV/IT AND ARCHTIECT PRIOR TO WORK.
A26	VIRTUAL RECEPTION. REFER TO AV/IT AND ELECTRICAL.
A28	FRAMELESS LOCKABLE PASS-THRU WINDOW. REFER TO STOREFRONT ELEVATIONS.
A29	NEW UNDERMOUNT SINK, REFER TO PLUMBING
A30	EXISTING INTERIOR STOREFRONT TO REMAIN
A31	EXISTING EXTERIOR STOREFRONT TO REMAIN
A32	NEW DOOR, REFER TO DOOR SCHEDULE
A33	NEW LIGHT FIXTURE, REFER TO ELECTRICAL
A34	NEW INTERIOR STOREFRONT, SEE STOREFRONT ELEVATIONS
A35	NEW AUTOMATIC FLUSH VALVES FOR EXISTING PUMBING FIXTURES, REFER TO PLUMBING.
A36	MEMORABILIA DISPLAY
A42	MEMORABILIA DISPLAY CABINET,SEE MILLWORK
A46	ALL GLAZING TO RECEIVE 3M ULTRA PRESTIGE SERIES UPRS50 WITH 3M "WET GLAZE", AND 3M IMPACT PROTECTION ATTACHMENT SYSTEM. REFER TO SPECIFICATIONS.
A47	BYPASS SLIDING CLOSET DOORS, SEE MILLWORK
A48	EXISTING SIGNAGE ON WALL TO REMAIN.
A49	NEW ADA AUTOMATIC FAUCET FOR EXISTING PUMBING FIXTURE, REFER TO PLUMBING.
A50	NEW AUTOMATIC FAUCET, REFER TO PLUMBING.
A51	PROVIDE FLOOR BOX WITH POWER, HDMI, TEL, & DATA, COORDINATE WITH FURNITURE, REFER TO ELECTRICAL AND AV/IT
A52	FRY REGLET 1" MILLWORK REVEAL BETWEEN LAMINATE PANELS, CLEAR ANODIZED TO MATCH HAND RAIL
A53	FRY REGLET MILLWORK REVEAL INSIDE CORNER AT VERTICAL CORNERS, CLEAR ANODIZED TO MATCH HAND RAIL
A54	FRY REGLET 4" MILLWORK REVEAL BASE, CLEAR ANODIZED TO MATCH HAND RAIL
A55	LAMINATE TO EXTEND PAST CEILING LINE
A56	2" FLAT BAR STAINLESS STEEL TO MATCH EXISTING CAB FINISH
A57	EXISTING GRILL VIF, REPLACE GRILL TO MATCH PL-6
A61	GREEN GLUE ACOUSTICAL CAULKING AROUND ENTIRE PERIMETER OF WALL
A63	PATCH AND REPAIR ANY PENETRATIONS IN WALL FROM DEMOLITION
A64	EXISTING DAIS AND PODIUM TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
A65	COORDINATE WITH OWNER ANY EQUIPMENT TO BE REMOVED PRIOR TO ANY WORK.
A67	CPU HOLDER, SEE MILLWORK
A68	PROVIDE HAND SANITIZERS IN BATHROOMS THAT DO NOT HAVE EXISTING. VERIFY IN FIELD.
ID01	DAIS, SEE MILLWORK SECTIONS FOR DETAILS, PROVIDE GROMMETS LOCATIONS TBD
ID03	SUSPENDED ACOUSTICAL CEILING BAFFLES, REFER TO RCP
ID04	WALL COVERING, SEE FINISH SCHEDULE. COORDINATE AND V.I.F. LOCATION OF EXISTING AIR DIFFUSERS.
ID05	DISPLAY CASE FOR MEMORABILIA, SEE MILLWORK SECTIONS
ID06	ELECTRIC WATER HEATER AND REVERSE OSMOSIS FILTER IN SINK CABINET, SEE PLUMBING AND ELECTRICAL FOR REFERENCE
ID07	FULL HEIGHT CABINET WITH SLIDE IN DOORS, SEE MILLWORK SECTIONS
ID08	ADJUSTABLE GLASS DISPLAY SHELVES, SEE MILLWORK
ID09	PROVIDE GROMMETS, POWER AND DATA CONNECTIONS FOR EQUIPMENT
ID10	FILE FILE CABINETS WITH WORKTOP AND SIDES, COORDINATE WITH FURNITURE. SEE MILLWORK
ID11	PROVIDE FLEXIBLE CAP AT CORNER COLOR TO MATCH WALLCOVERING
ID12	DOORS PAINTED TO MATCH WALL, REFER TO FINISH SCHEDULE
ID13	PROVIDE KNEE WALL FOR MILLWORK SUPPORT
ID14	NEW OUTLETS, MATCH COLOR WITH WALL FINISH COLOR
ID16	EXISTING RECEPTION DESK TO BE REFINISHED, VERIFY DIMENSIONS AND LOCATION IN FIELD. COORDINATE DATA AND ELECTRICAL CONNECTIONS.
ID17	PROVIDE VENTILATION SLOT AT BOTTOM, RUNNING LENGTH OF CABINET



4 ENTRY LOBBY 101 - WEST ELEVATION
3/8" = 1'-0"



3 ENTRY LOBBY 101- SOUTH ELEVATION
3/8" = 1'-0"

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MILESTONE	DATE
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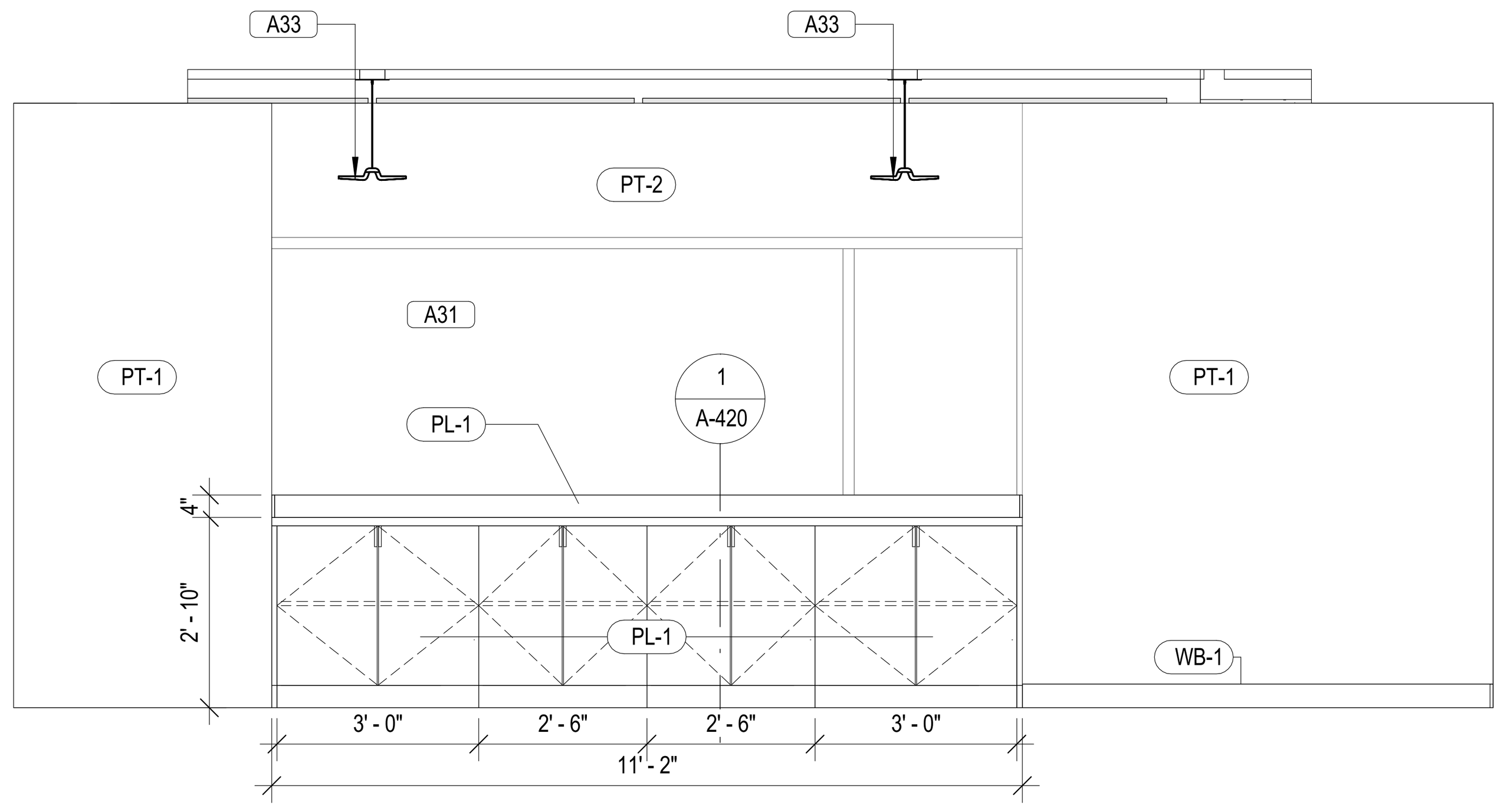
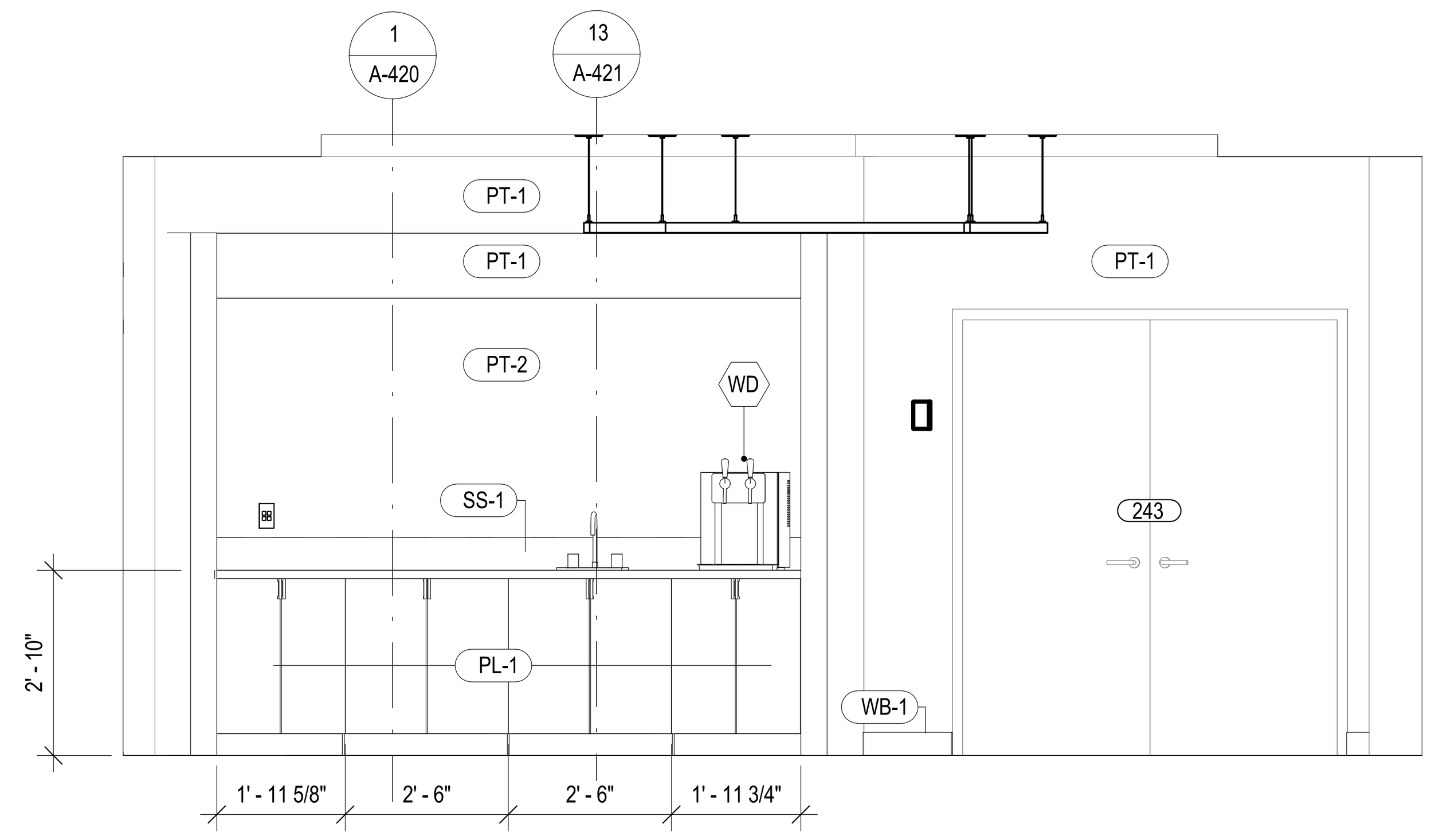
INTERIOR ELEVATIONS

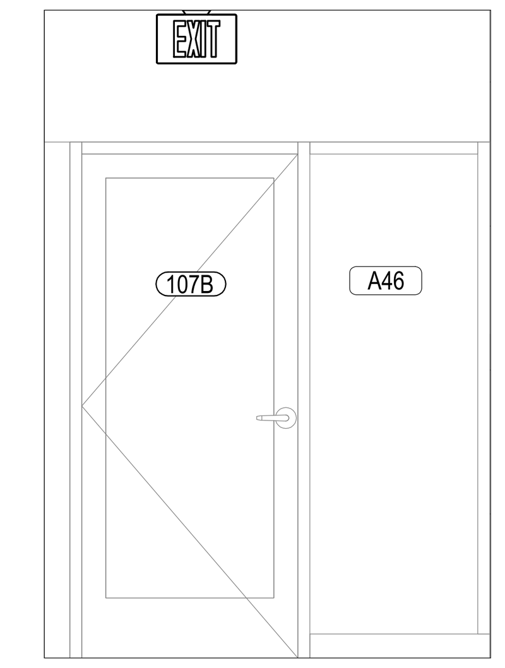
A-500



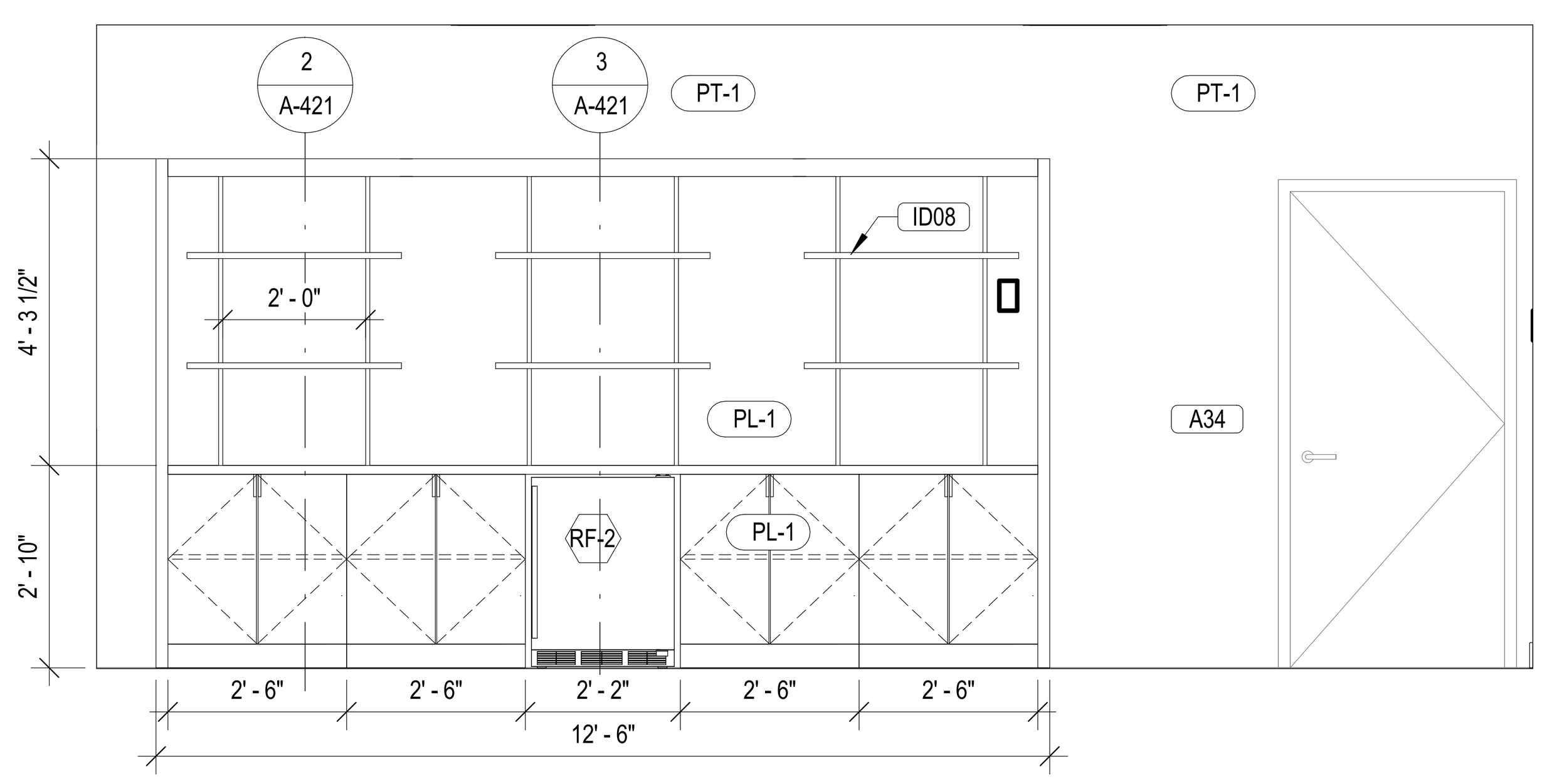
1 CONFERENCE 134- EAST ELEVATION
3/8" = 1'-0"



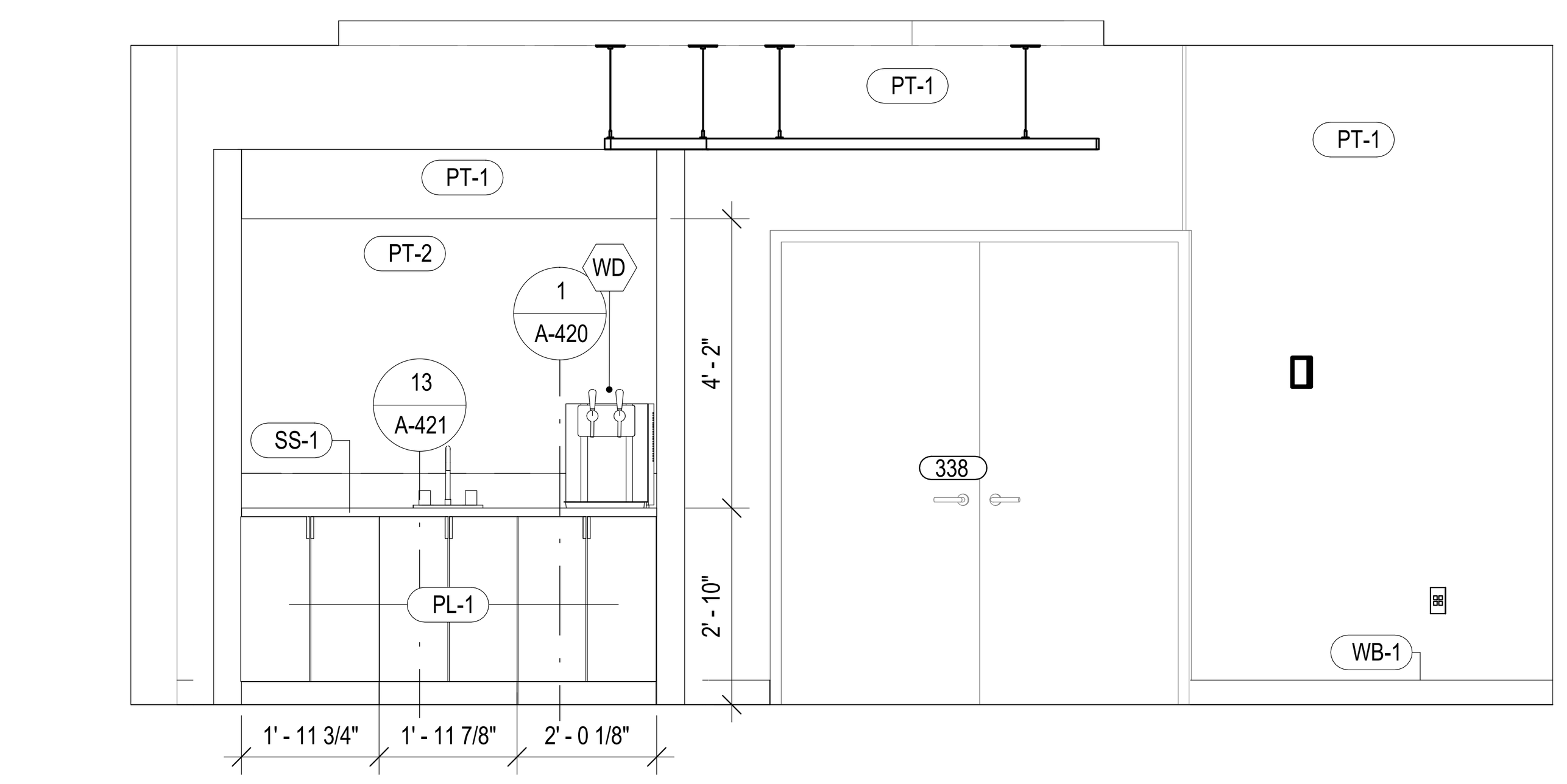
2 CONFERENCE 243- WEST ELEVATION
3/8" = 1'-0"



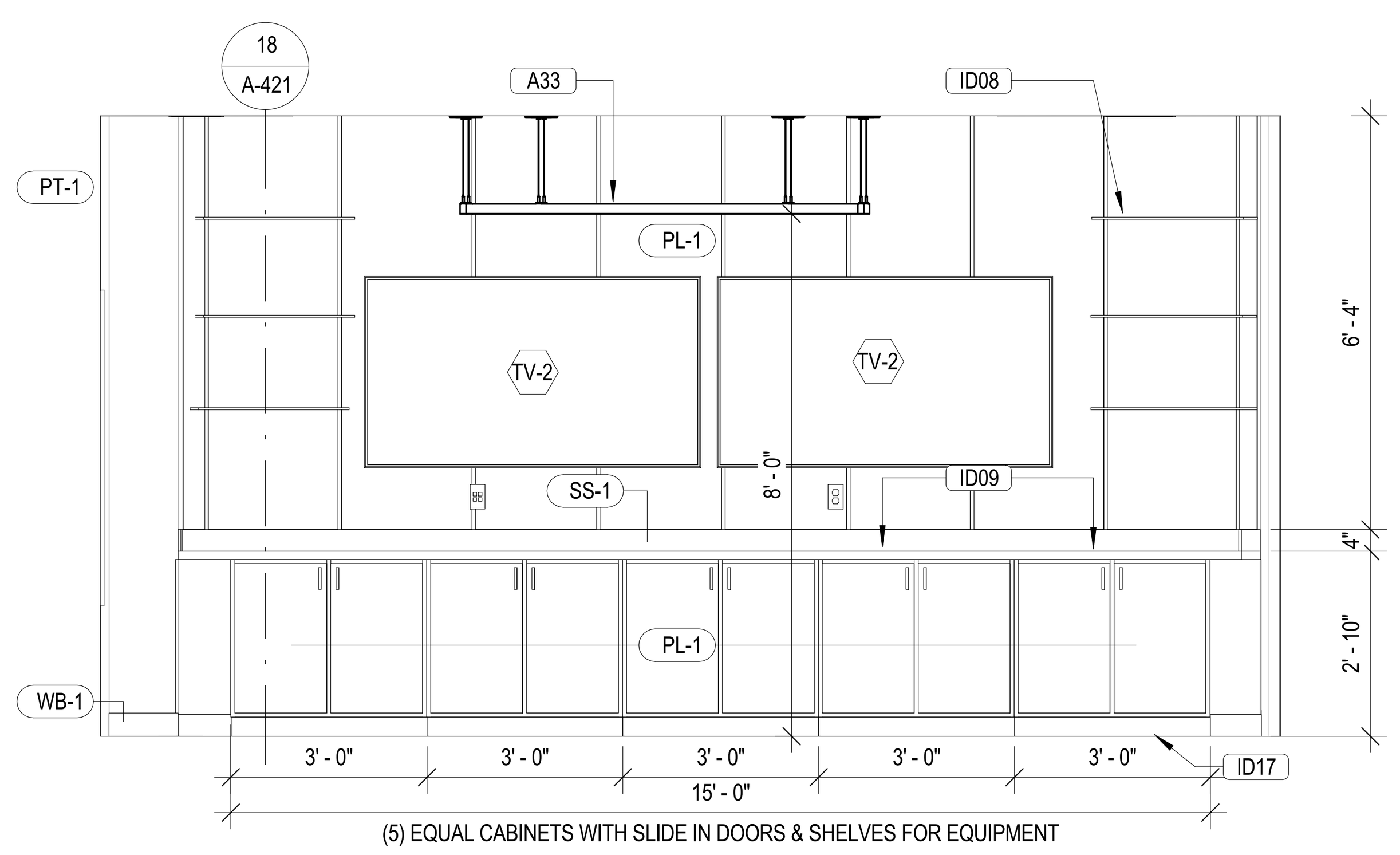
3 EXISTING STOREFRONT DOOR 107B
3/8" = 1'-0"



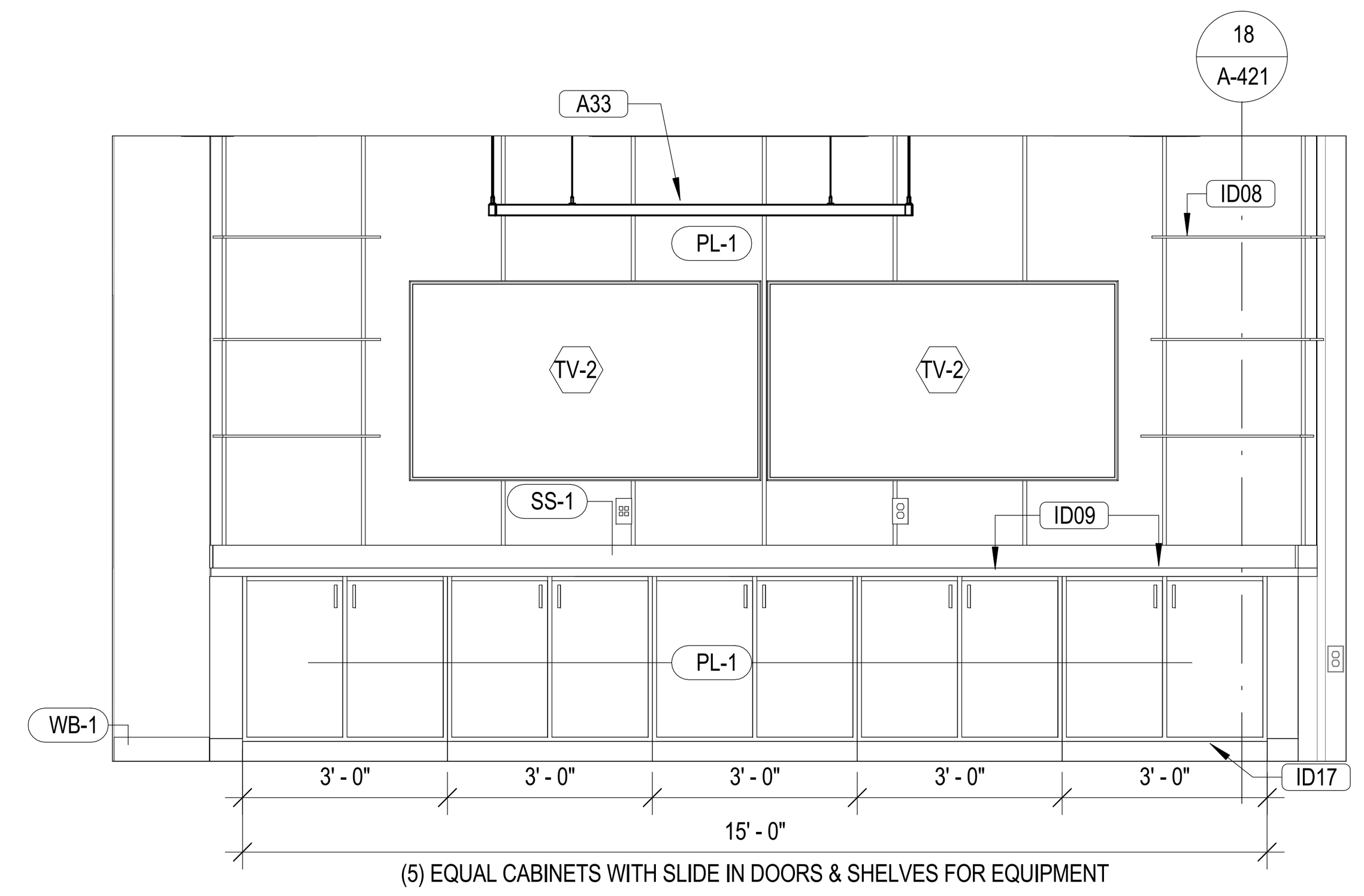
4 EXEC. OFFICE 316 - EAST ELEVATION
3/8" = 1'-0"



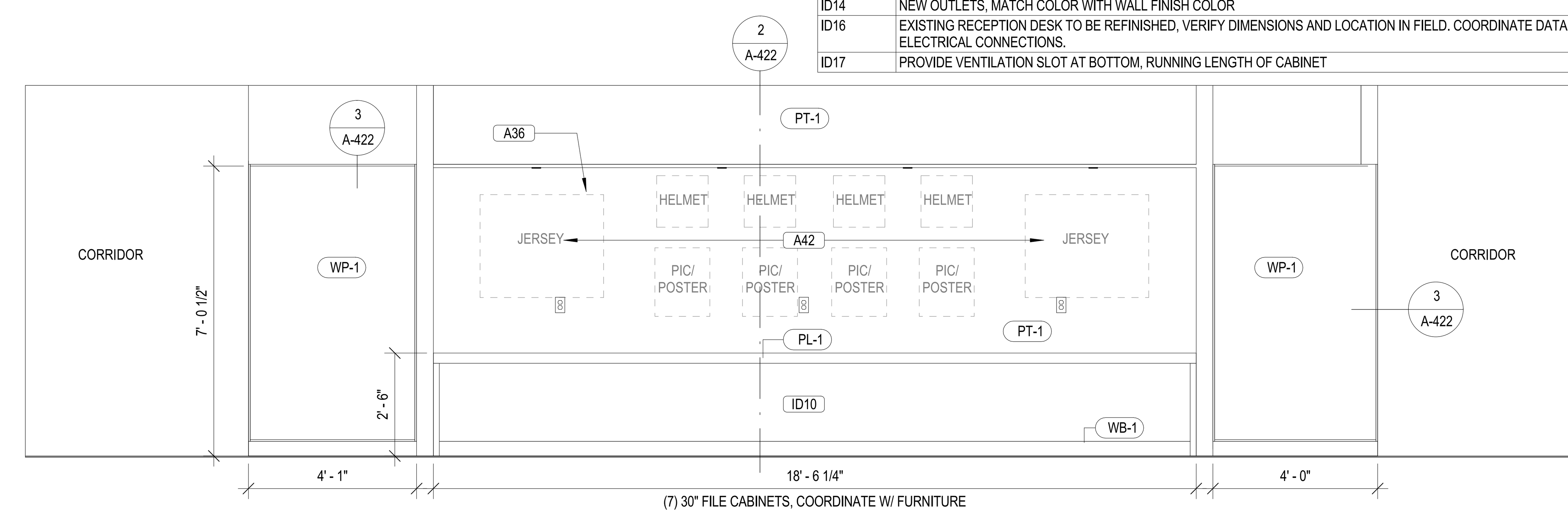
5 CONFERENCE 336- WEST ELEVATION
3/8" = 1'-0"



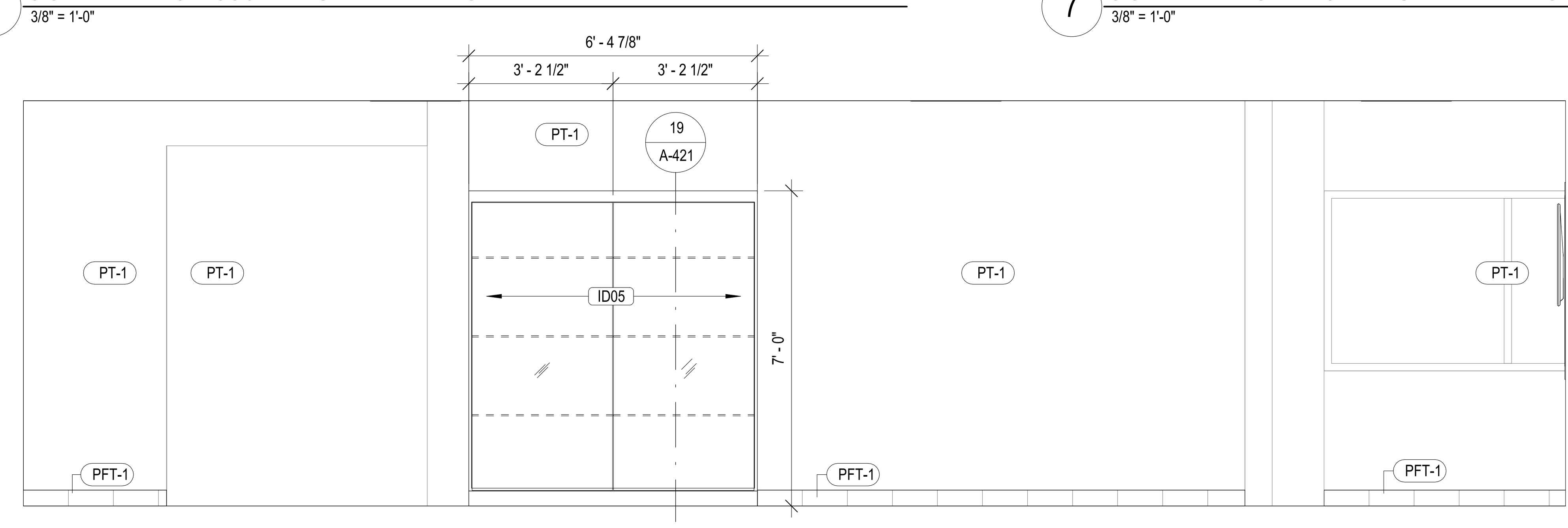
6 CONFERENCE 336 - EAST ELEVATION
3/8" = 1'-0"



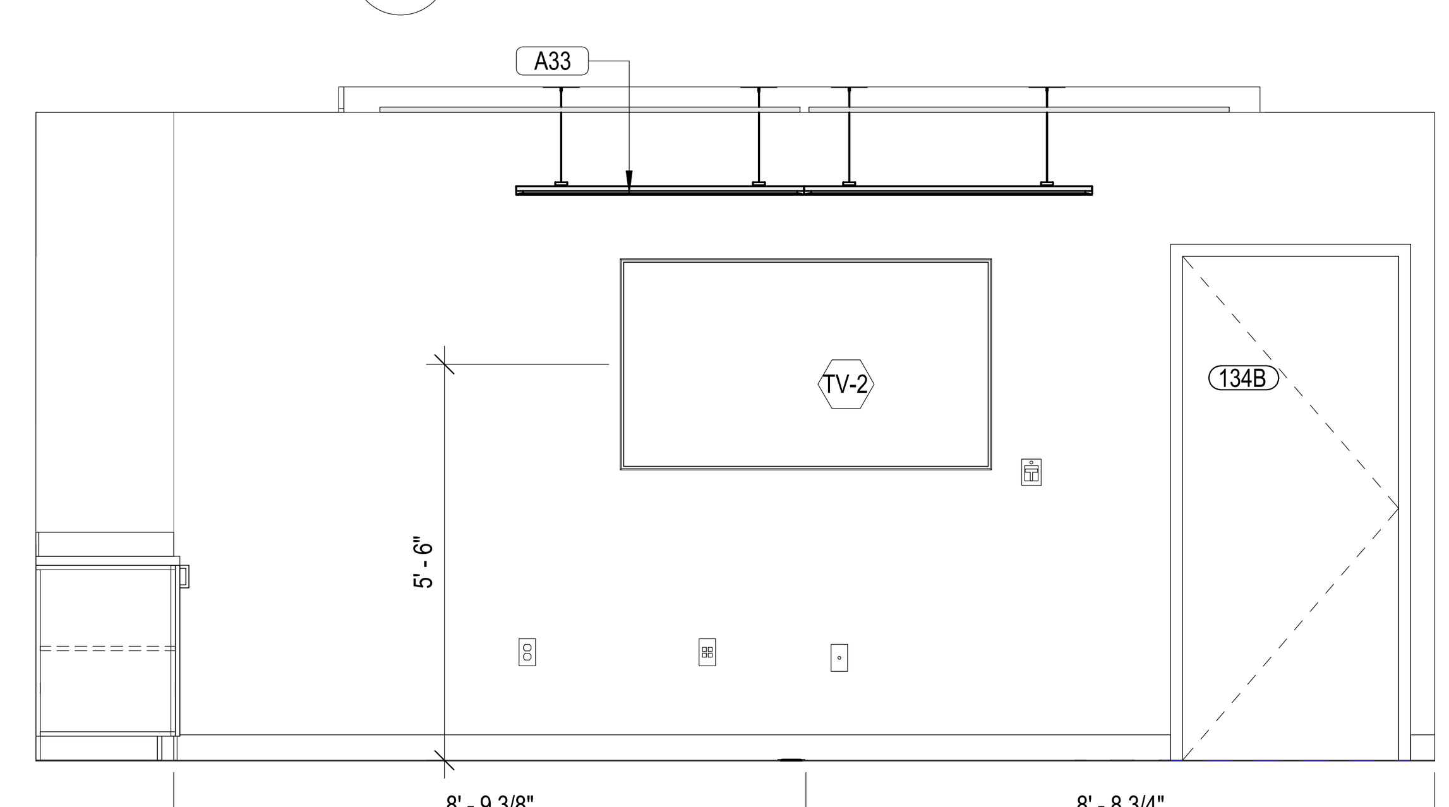
7 CONFERENCE 243 - EAST ELEVATION
3/8" = 1'-0"



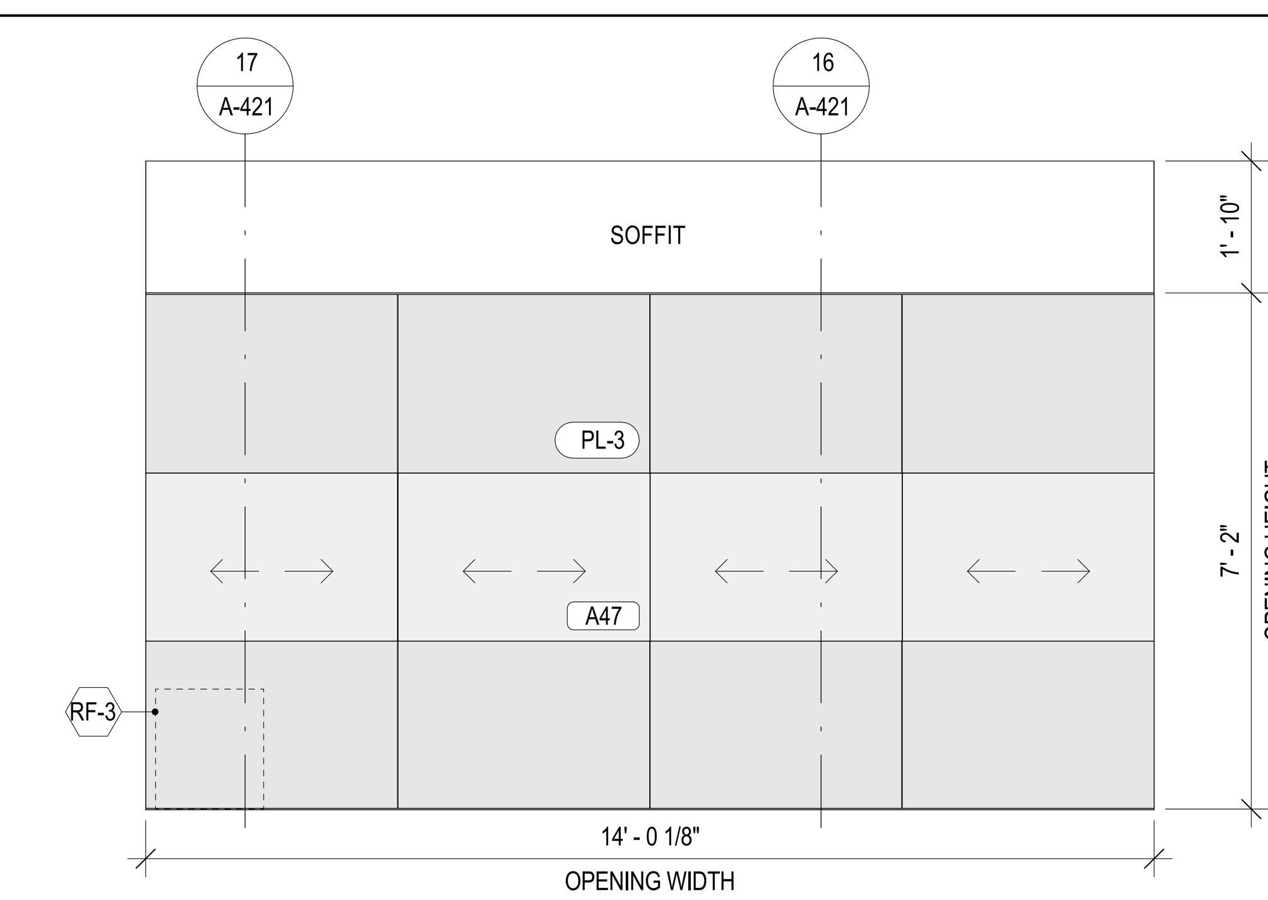
8 CORRIDOR 334- NORTH ELEVATION
3/8" = 1'-0"



9 CORRIDOR 104 - WEST ELEVATION
3/8" = 1'-0"



10 CONFERENCE 134- SOUTH ELEVATION
3/8" = 1'-0"



11 OFFICE 133- NORTH ELEVATION
3/8" = 1'-0"

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7. REFER TO PLUMBING FOR PLUMBING FIXTURE SCHEDULE.
8. COMBUSTIBLE MATERIALS IN TYPES I & II CONSTRUCTION TO COMPLY WIHT FBC 603.1 (FIRE RETARDANT - TREATED WOOD) AND 805.1 & 806.1
9. SEE SHEET A-120 SERIES FOR DIMENSION PLANS.
10. CENTER CEILING MOUNTED LIGHT FIXTURES UNLESS OTHERWISE NOTED. SEE ELECTRICAL DRAWINGS FOR LOCATIONS.
11. PROVIDE LOCKS ON CABINETS AS REQUIRED BY OWNER.
12. SEE SHEETS ID-300'S FOR EQUIPMENT SCHEDULES.

SPECIFIC KEYNOTES - INTERIOR

NUMBER	TEXT
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A42	MEMORABILIA DISPLAY CABINET,SEE MILLWORK
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A68	PROVIDE HAND SANITIZERS IN BATHROOMS THAT DO NOT HAVE EXISTING. VERIFY IN FIELD.
ID01	DAIS, SEE MILLWORK SECTIONS FOR DETAILS, PROVIDE GROMMETS LOCATIONS TBD
ID03	SUSPENDED ACOUSTICAL CEILING BAFFLES, REFER TO RCP
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ID17	PROVIDE VENTILATION SLOT AT BOTTOM, RUNNING LENGTH OF CABINET

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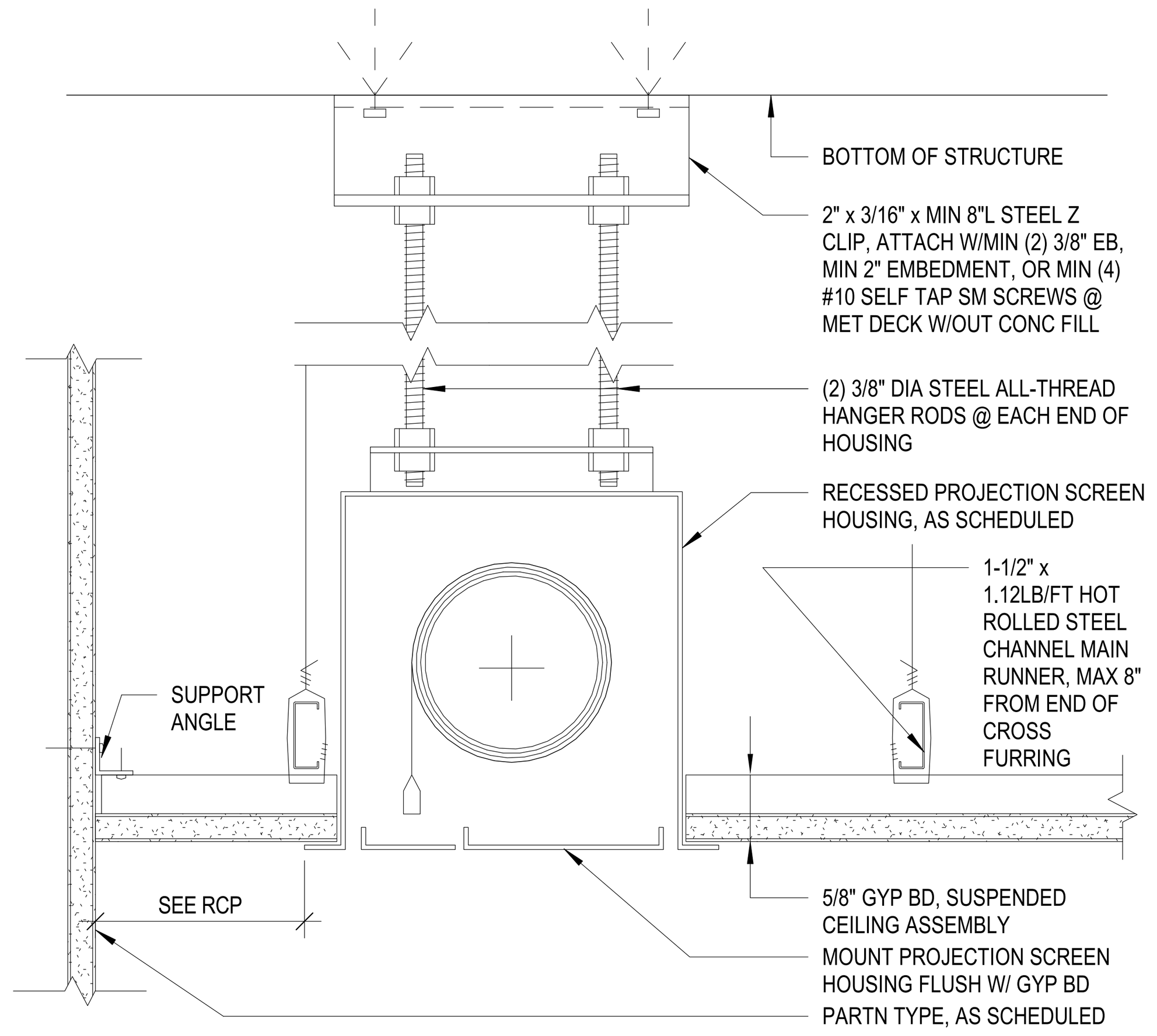
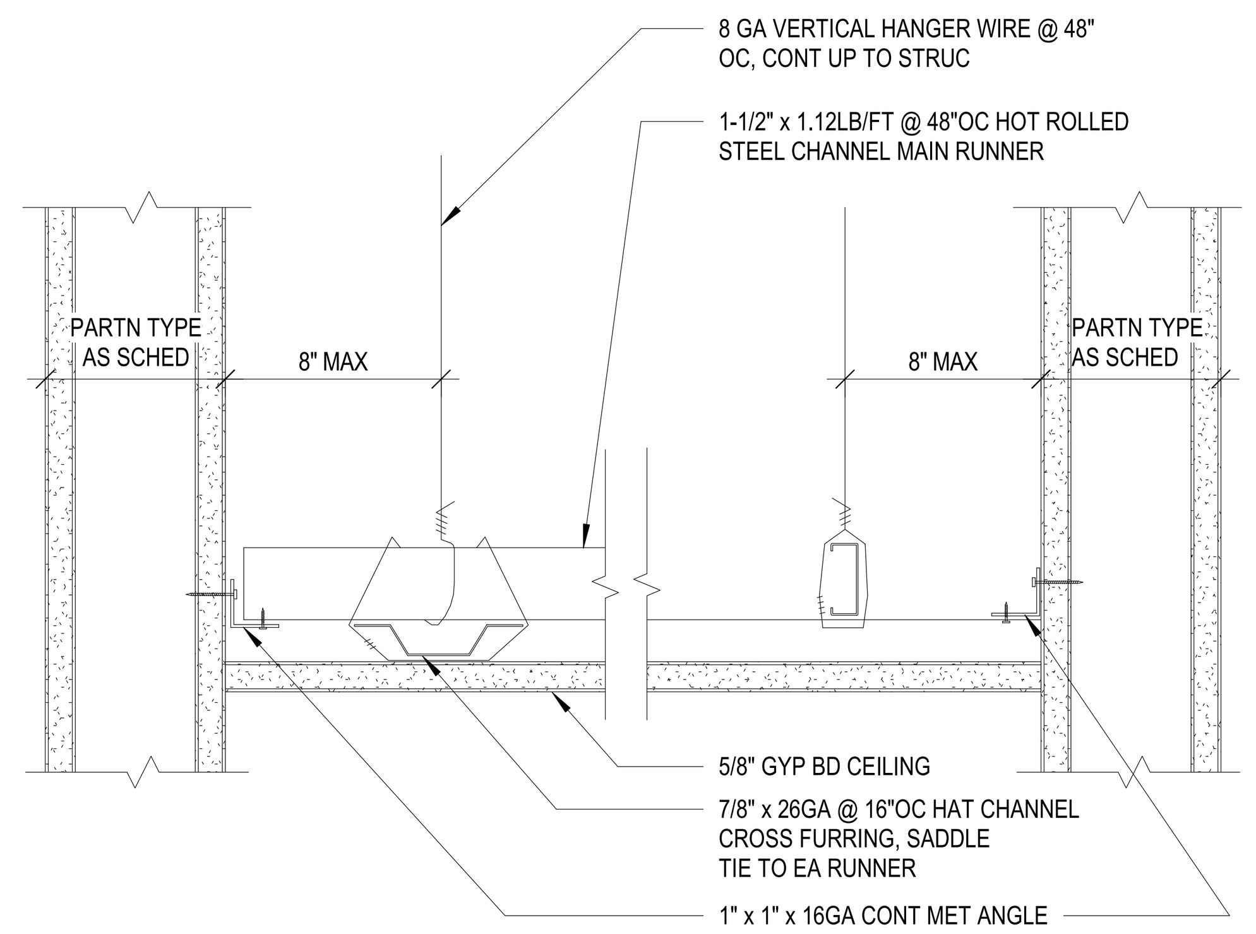
INTERIOR ELEVATIONS

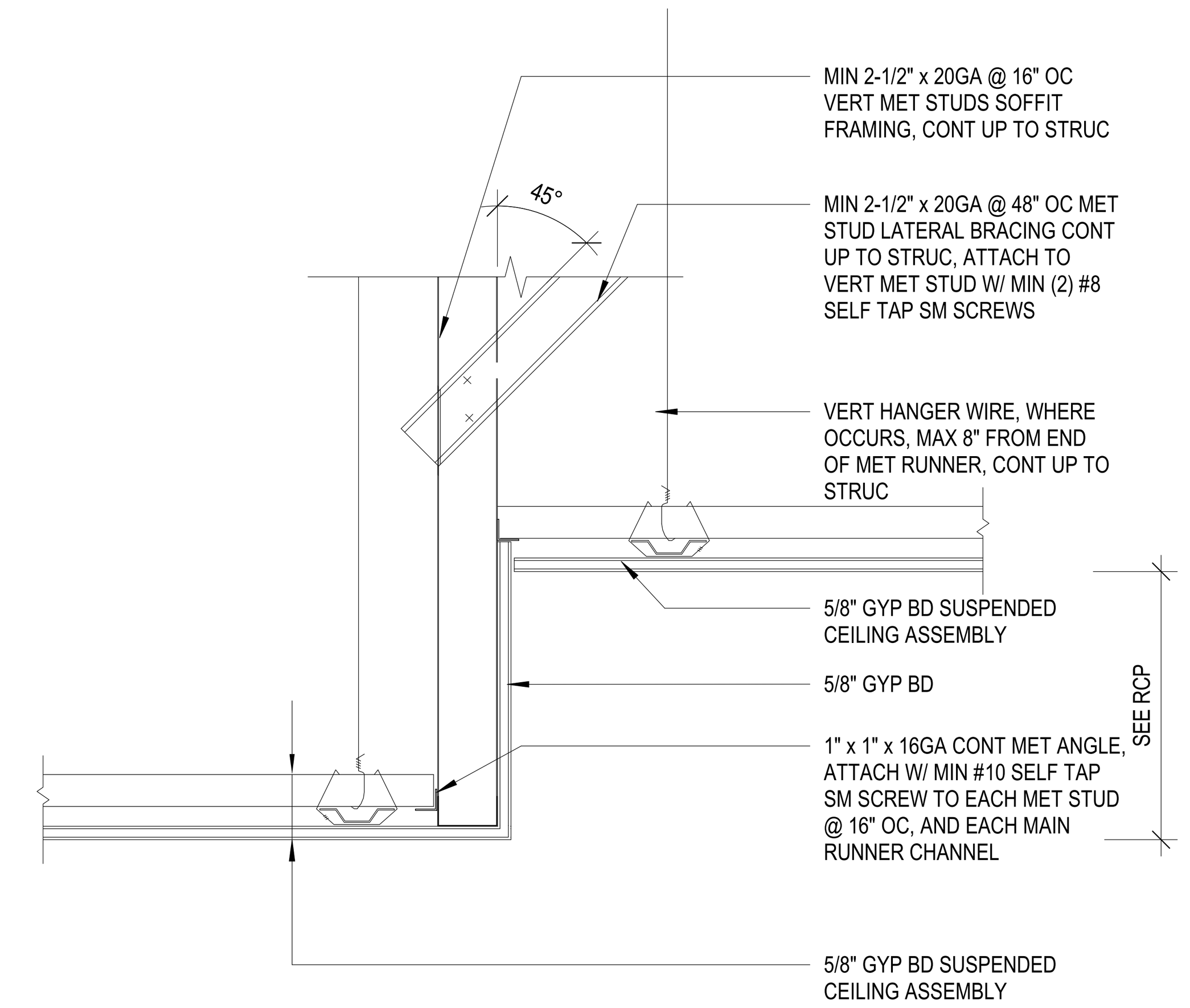
A-501



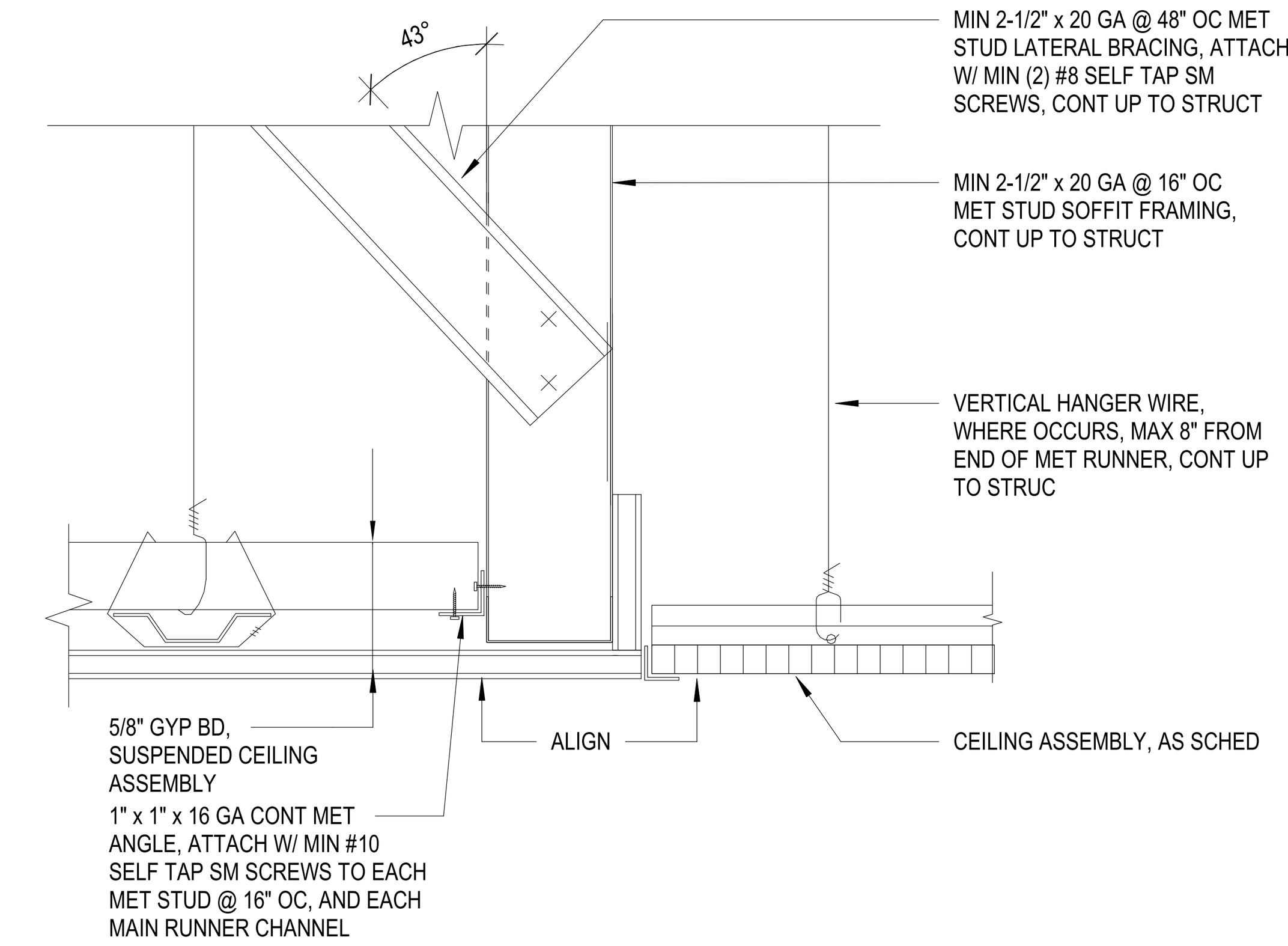
1 GYP BD CLG - RECESSED PROJECTION SCREEN
3" = 1'-0"



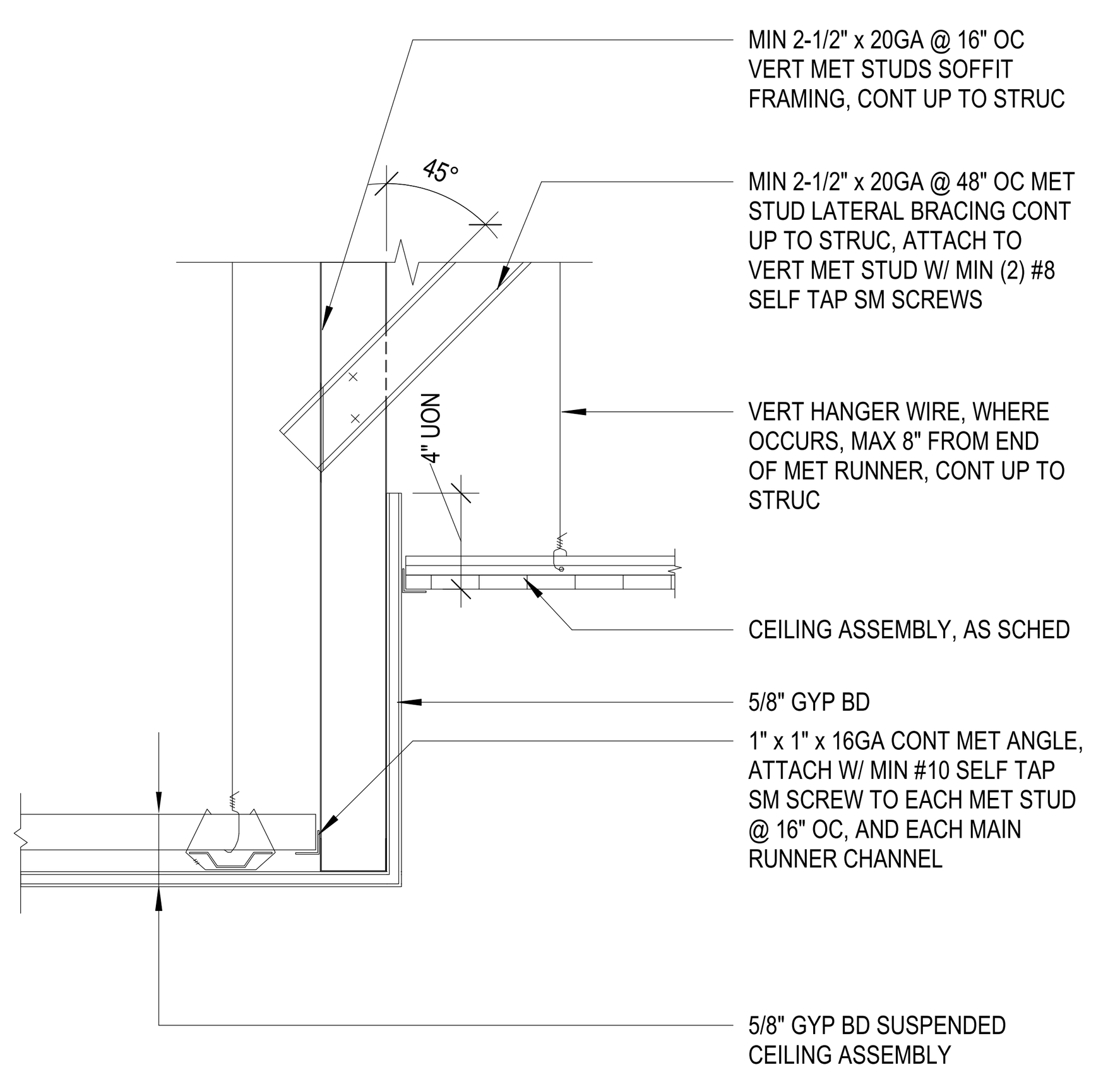
2 GYP BD CEILING SUSPENSION
3" = 1'-0"



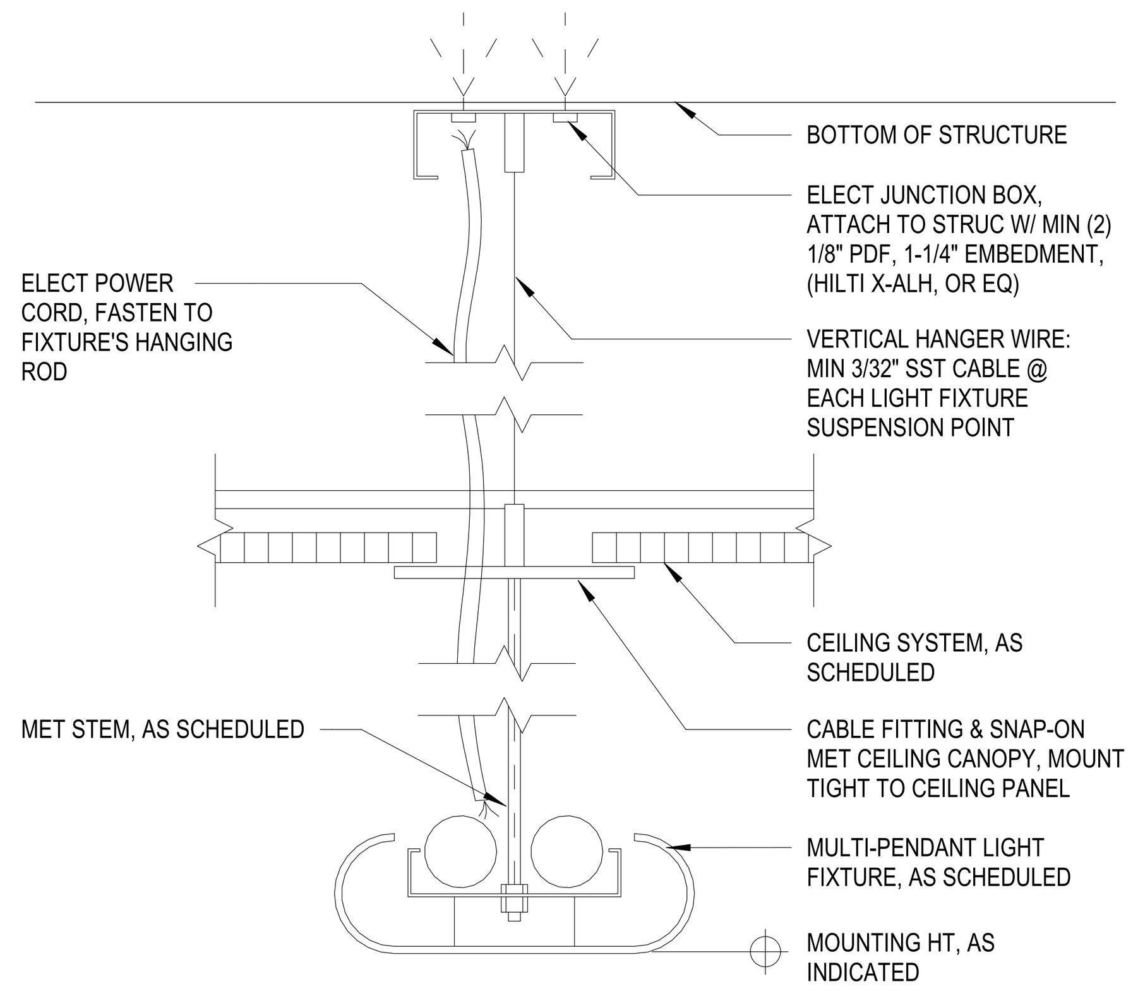
3 GYP BD - GYP BD
1 1/2" = 1'-0"



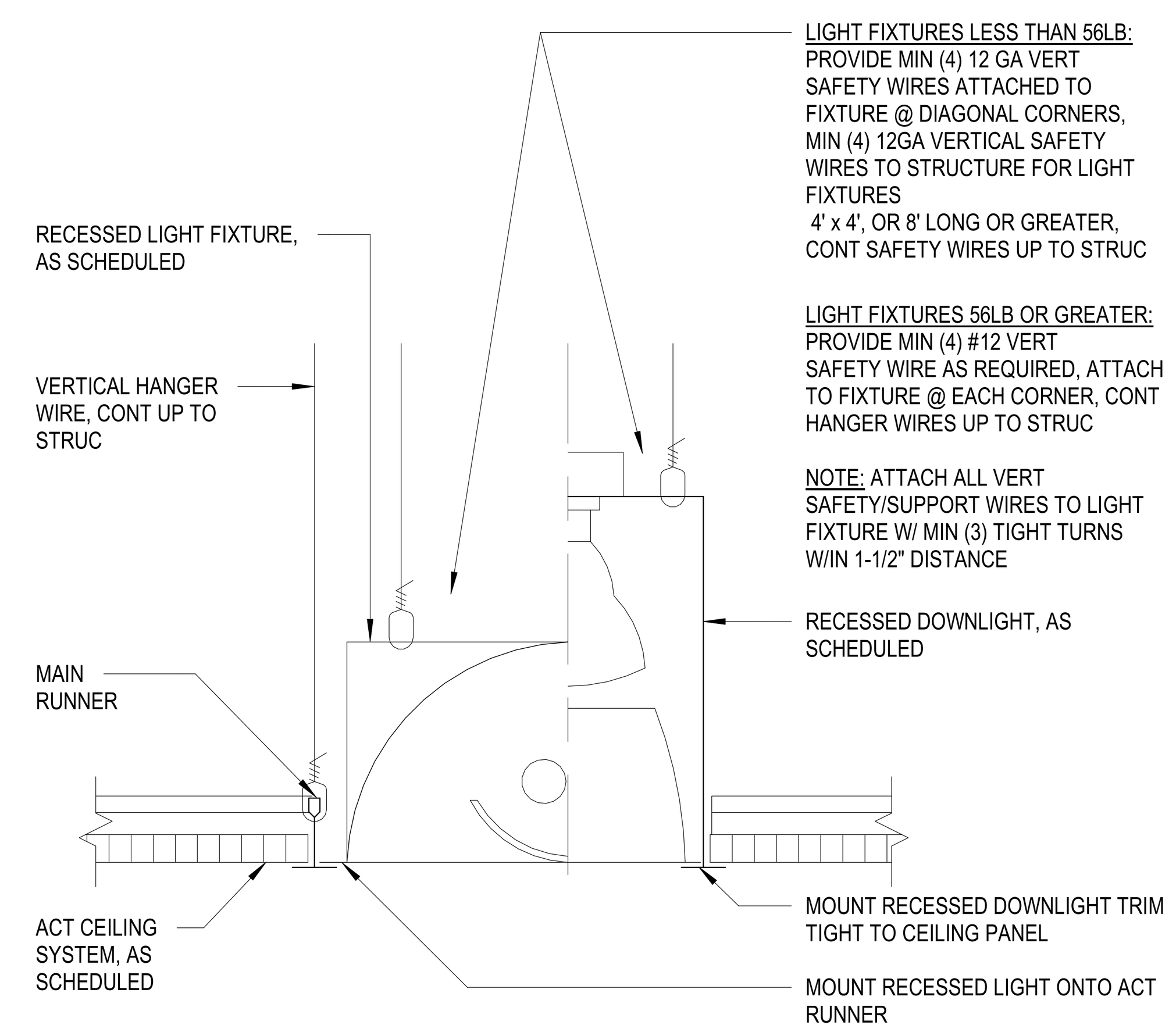
4 ACT-GYP BD CLG TRANSITION
3" = 1'-0"



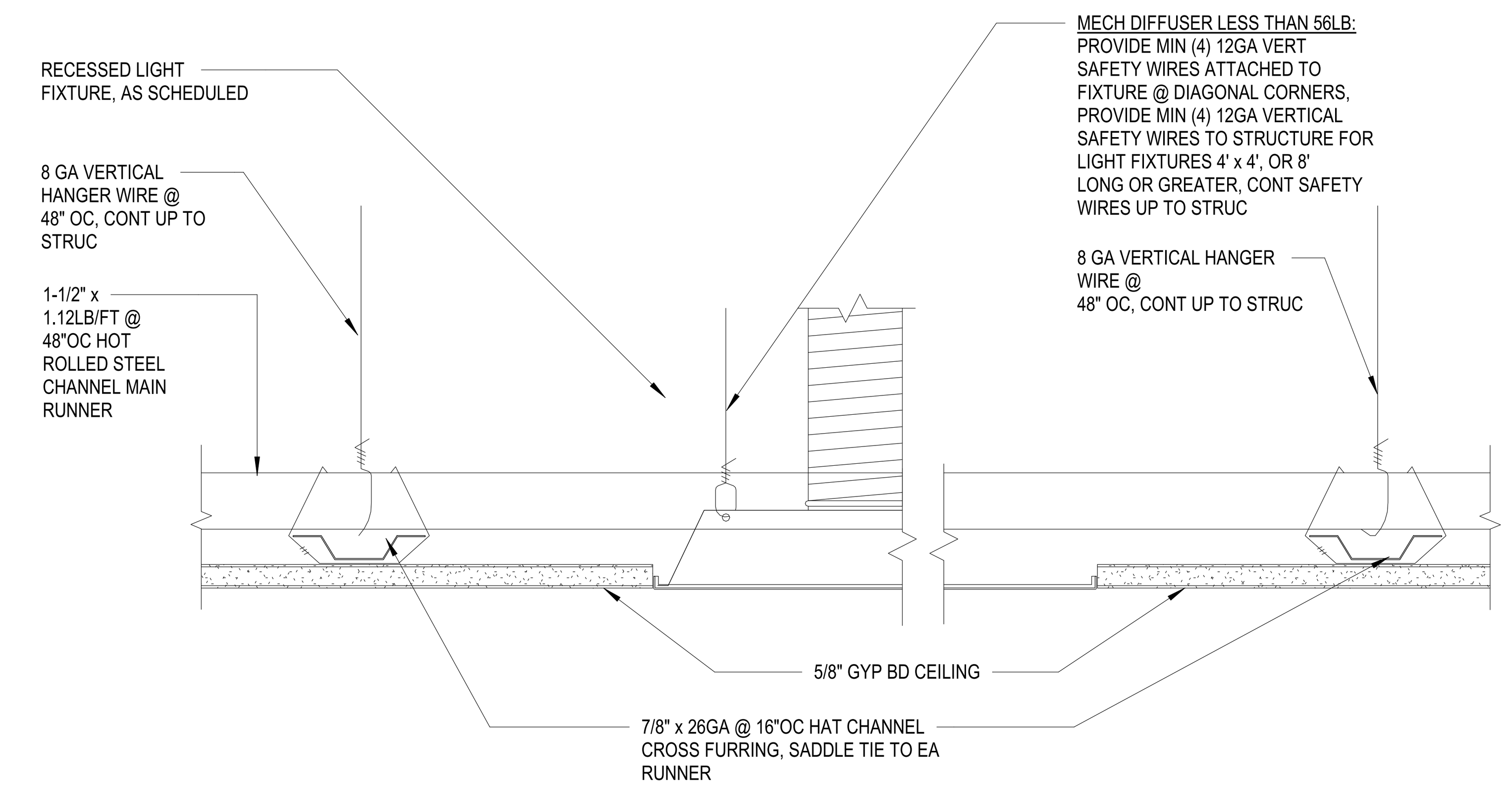
5 ACT-GYP BD SOFFIT DETAIL
1 1/2" = 1'-0"



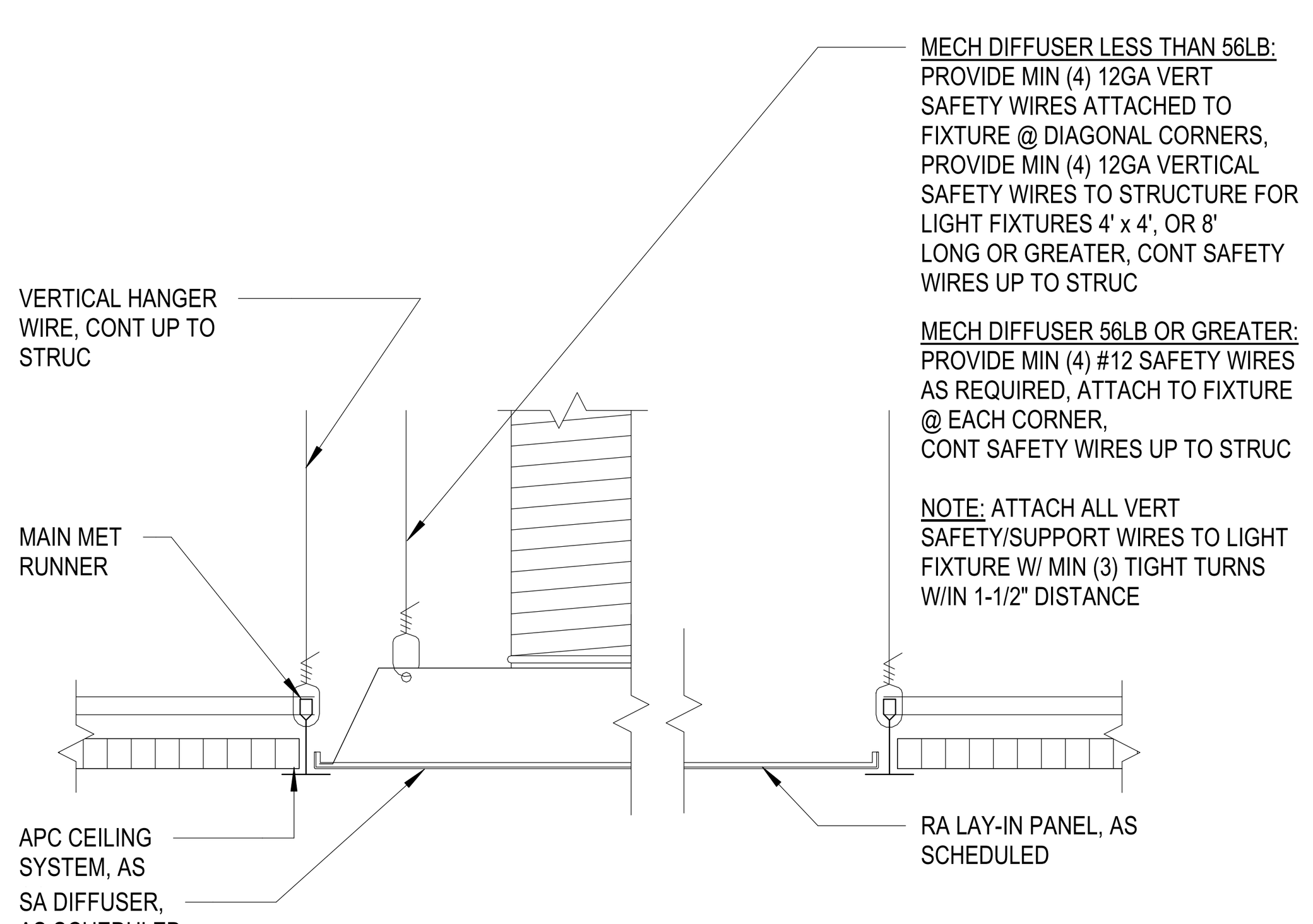
6 ACT- PENDANT MOUNTED LIGHT FIXTURE
3" = 1'-0"



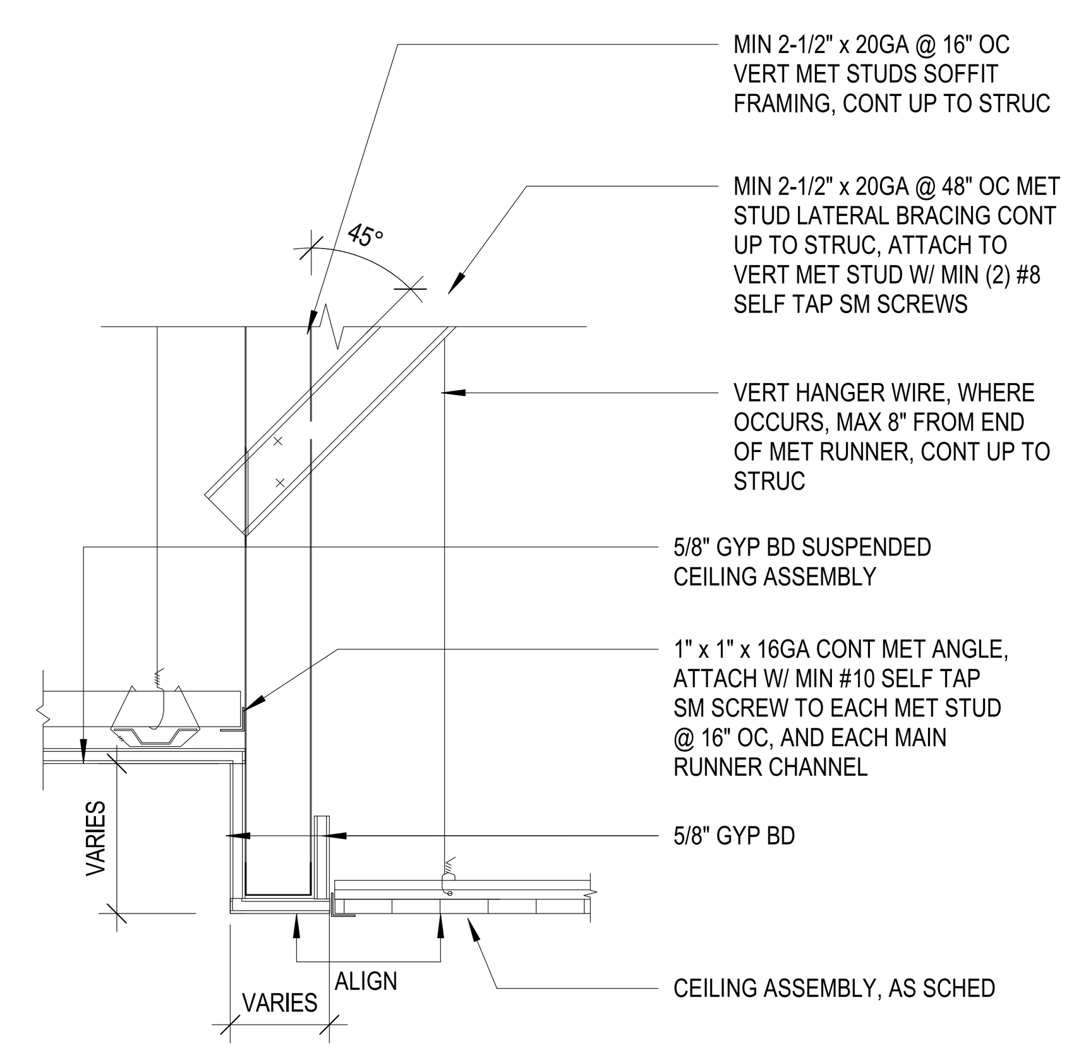
7 ACT CLG -RECESSED LIGHT FIXTURE
3" = 1'-0"



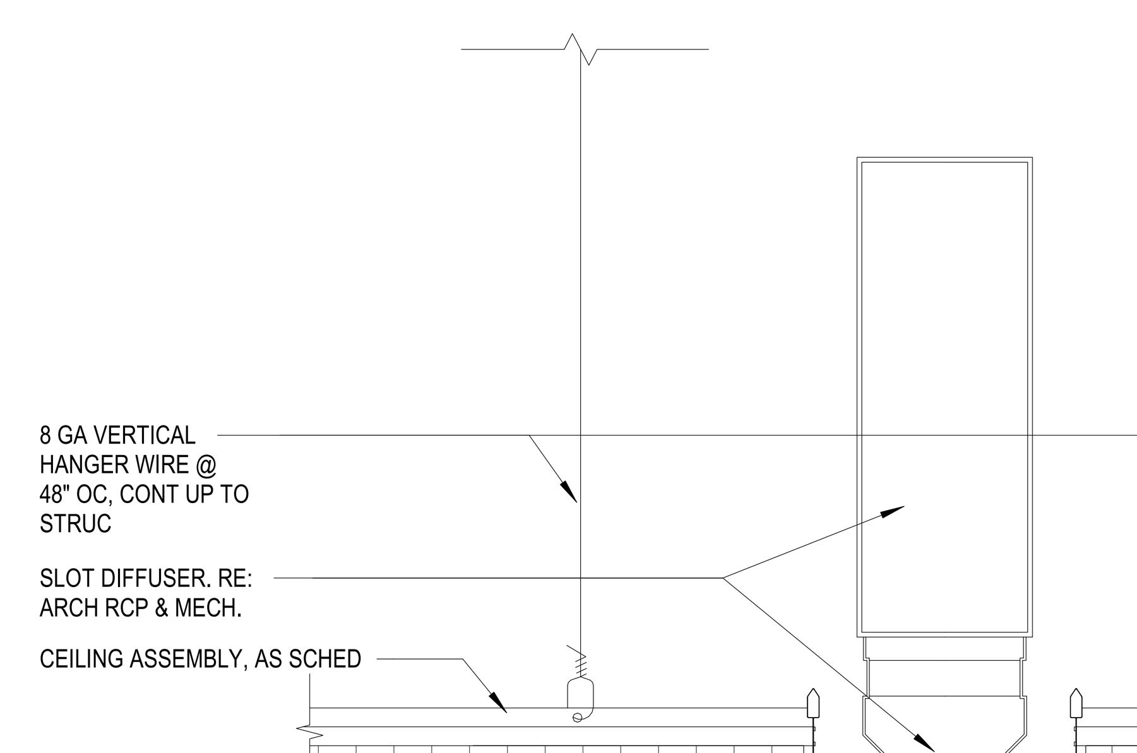
8 GYP BD CLG-DIFFUSER DETAIL
3" = 1'-0"



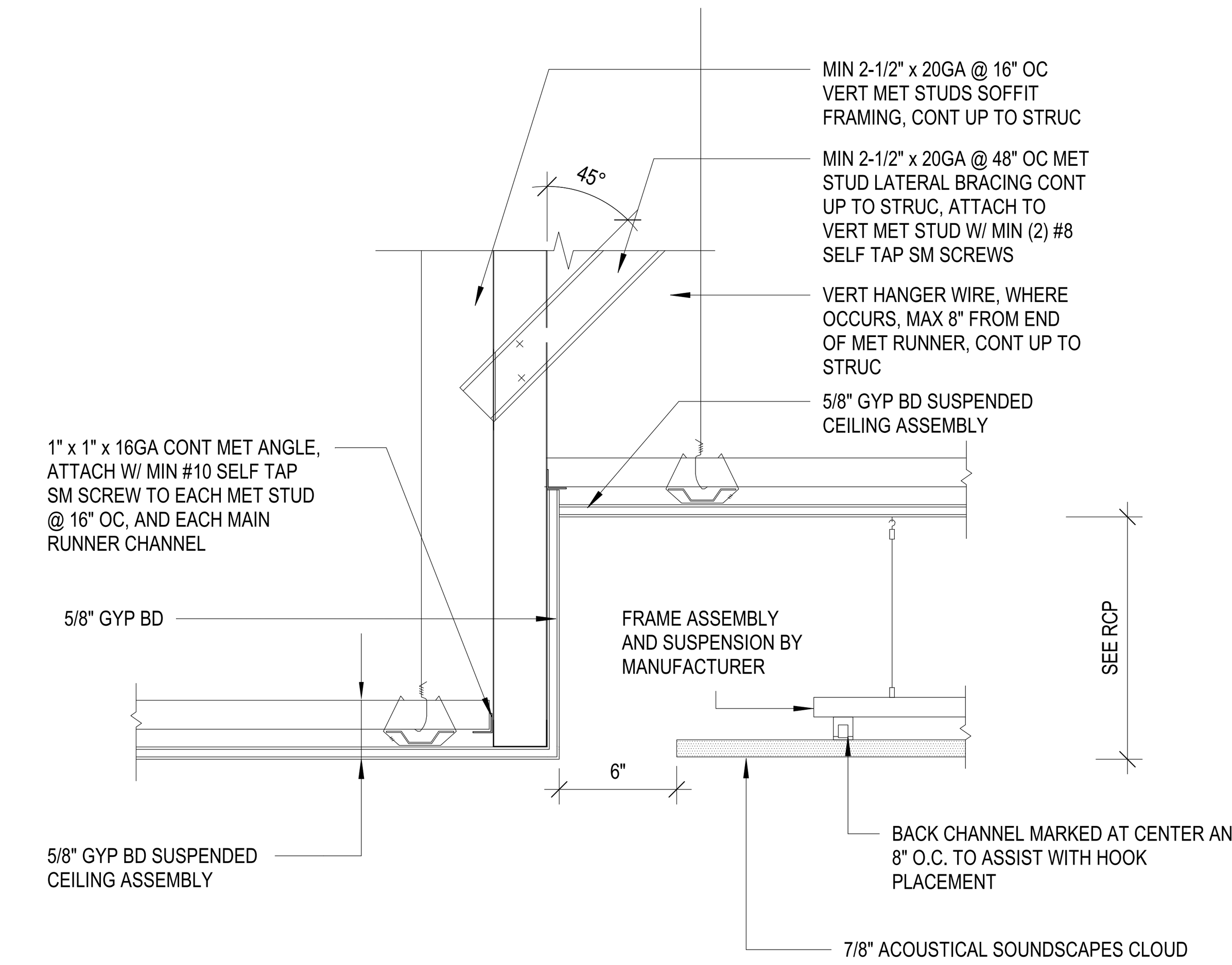
9 ACT-MECH DIFFUSER DETAIL
3" = 1'-0"



10 GYP BD - ACT SOFFIT DETAIL
1 1/2" = 1'-0"



11 ACT CLG W/ RECESSED SLOT DIFFUSER
3" = 1'-0"



12 GYP BD - GYP BD
1 1/2" = 1'-0"

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THEA TMC OFFICE RENOVATION

1104 E TWIGGS ST. TAMPA, FL 33602

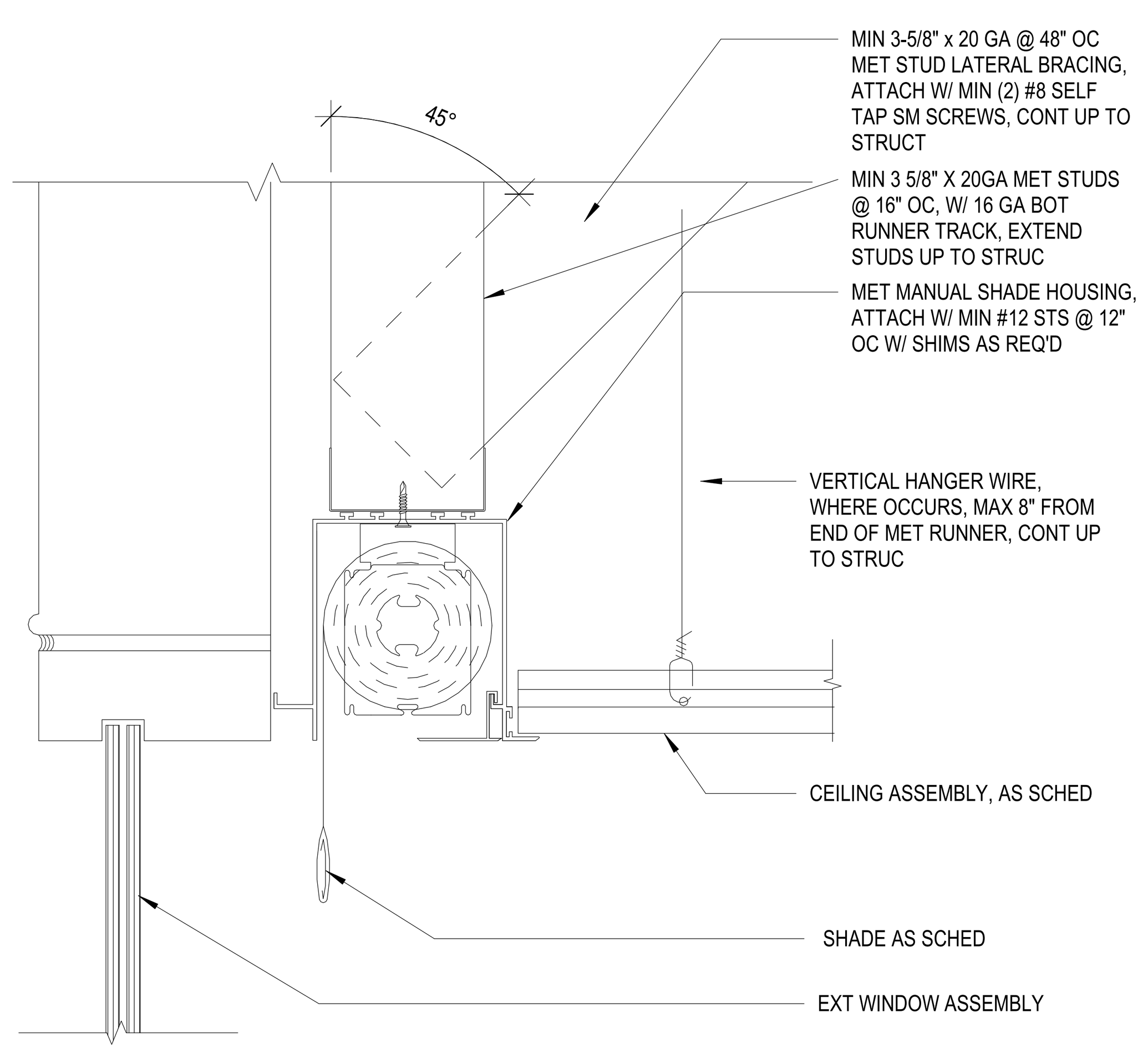
Project number
1924

DISTRIBUTION

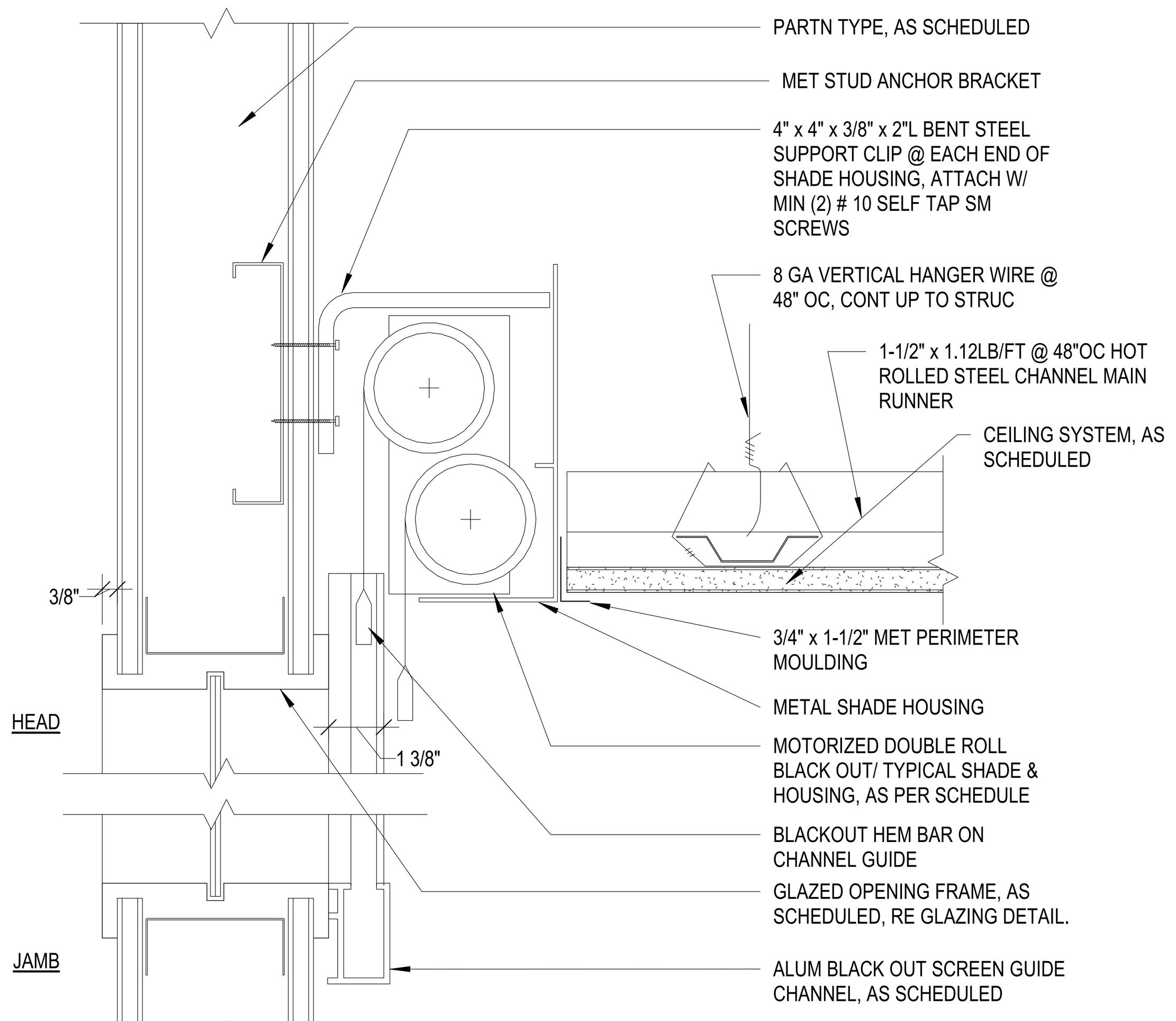
MILESTONE	DATE
PERMIT SET	5-7-2020

CEILING DETAILS

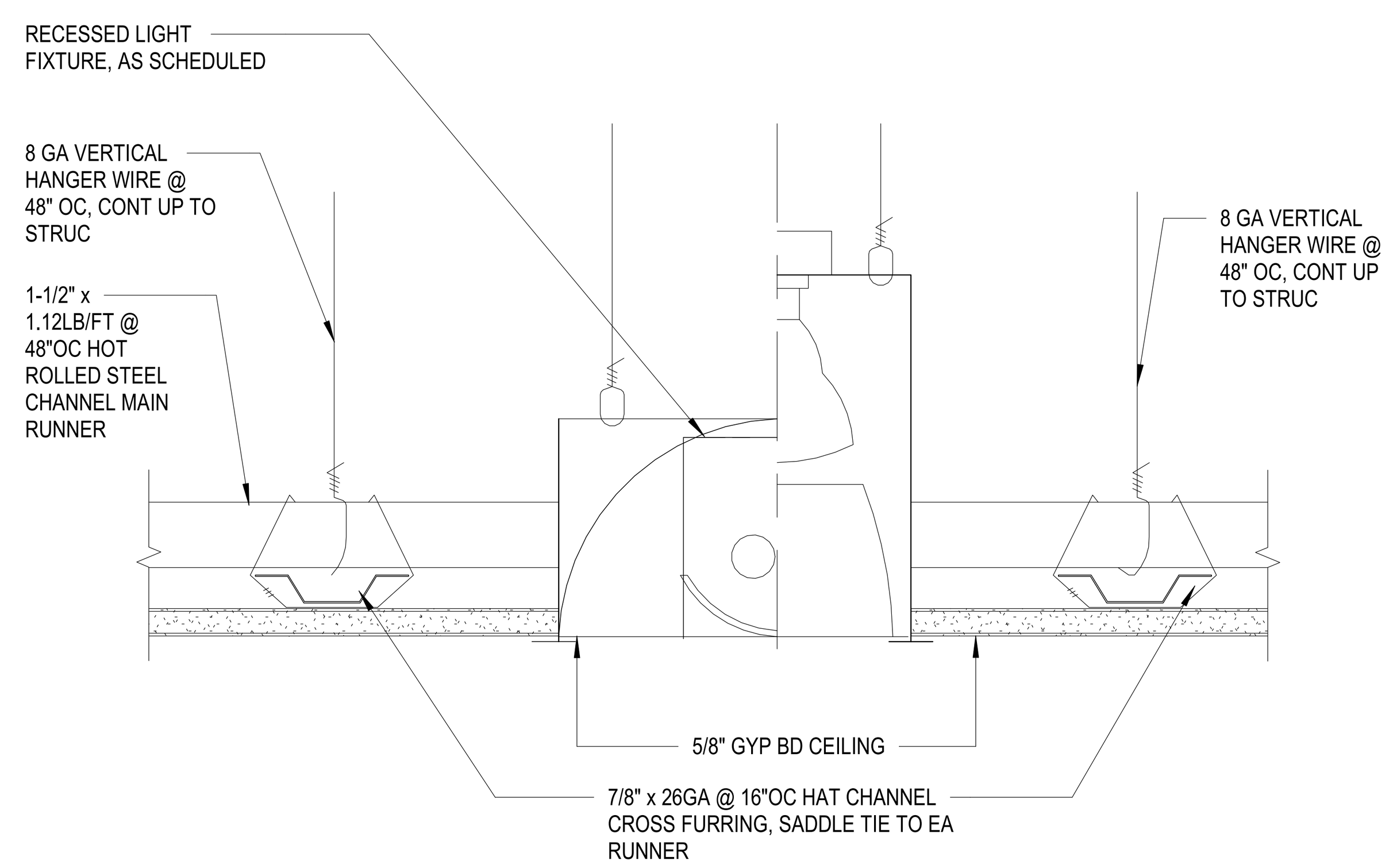
A-620



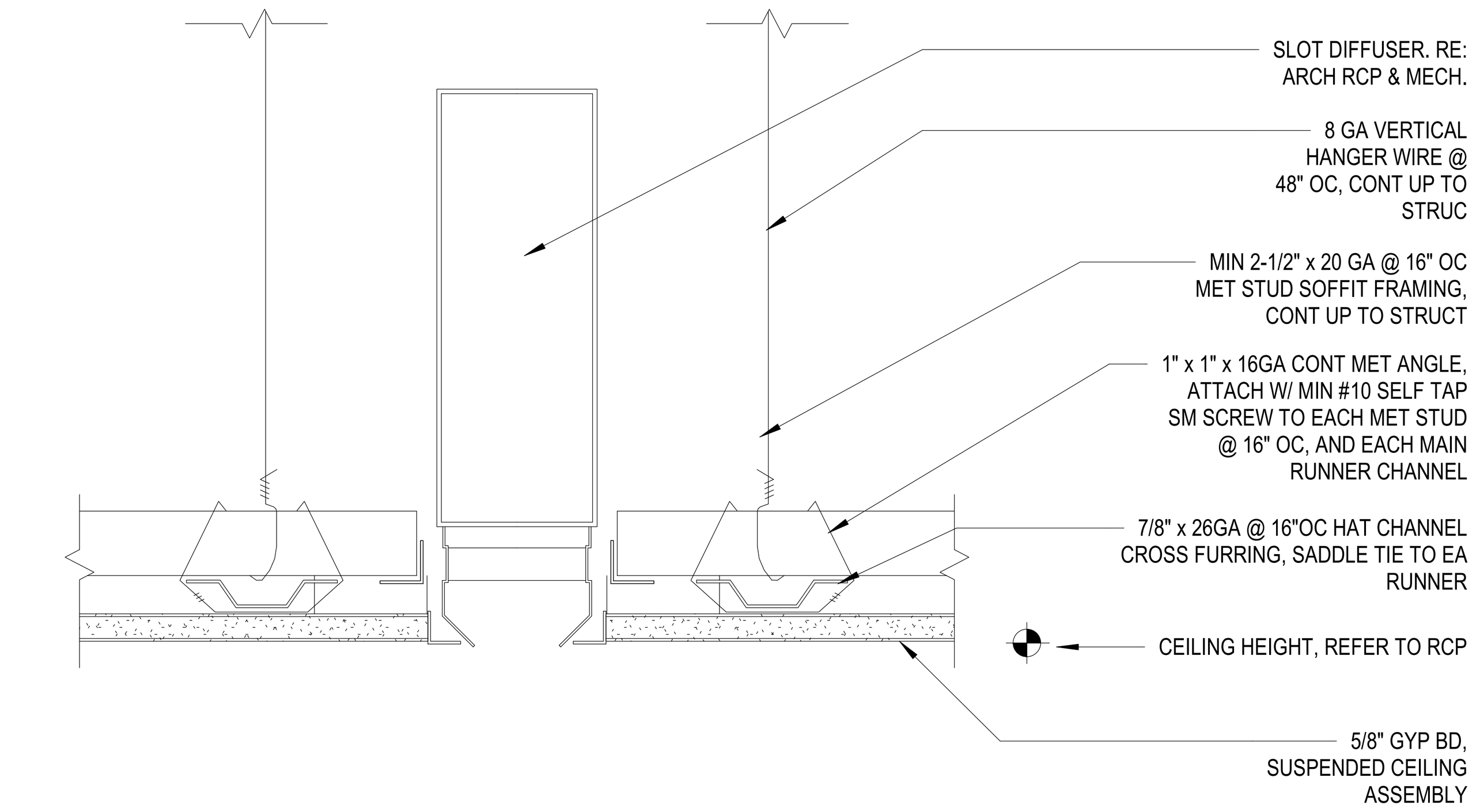
1 ACT CLG RECESSED WINDOW SHADE
3" = 1'-0"



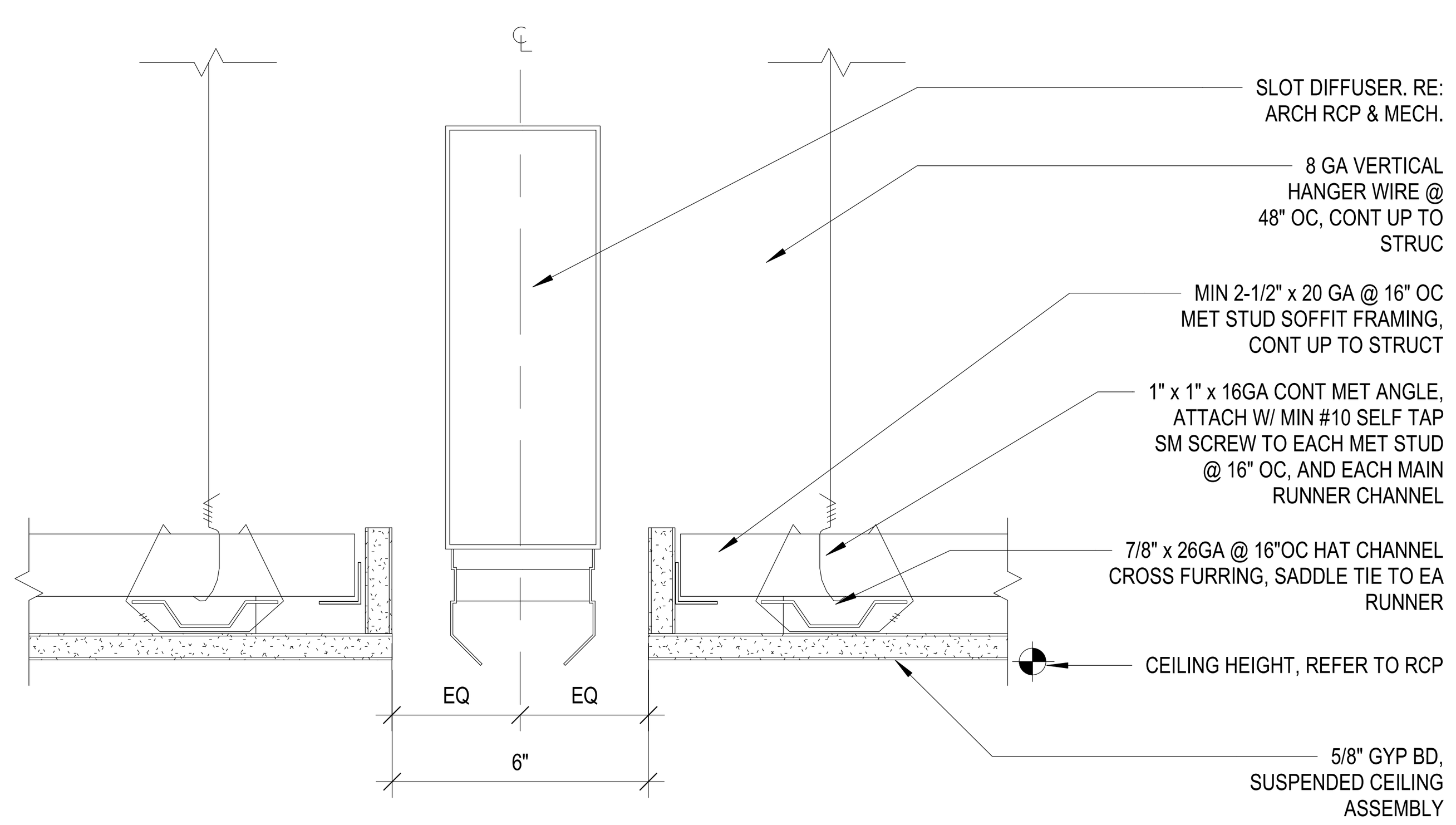
2 WALL MOUNTED DOUBLE ROLL W BLACK-OUT SHADE
3" = 1'-0"



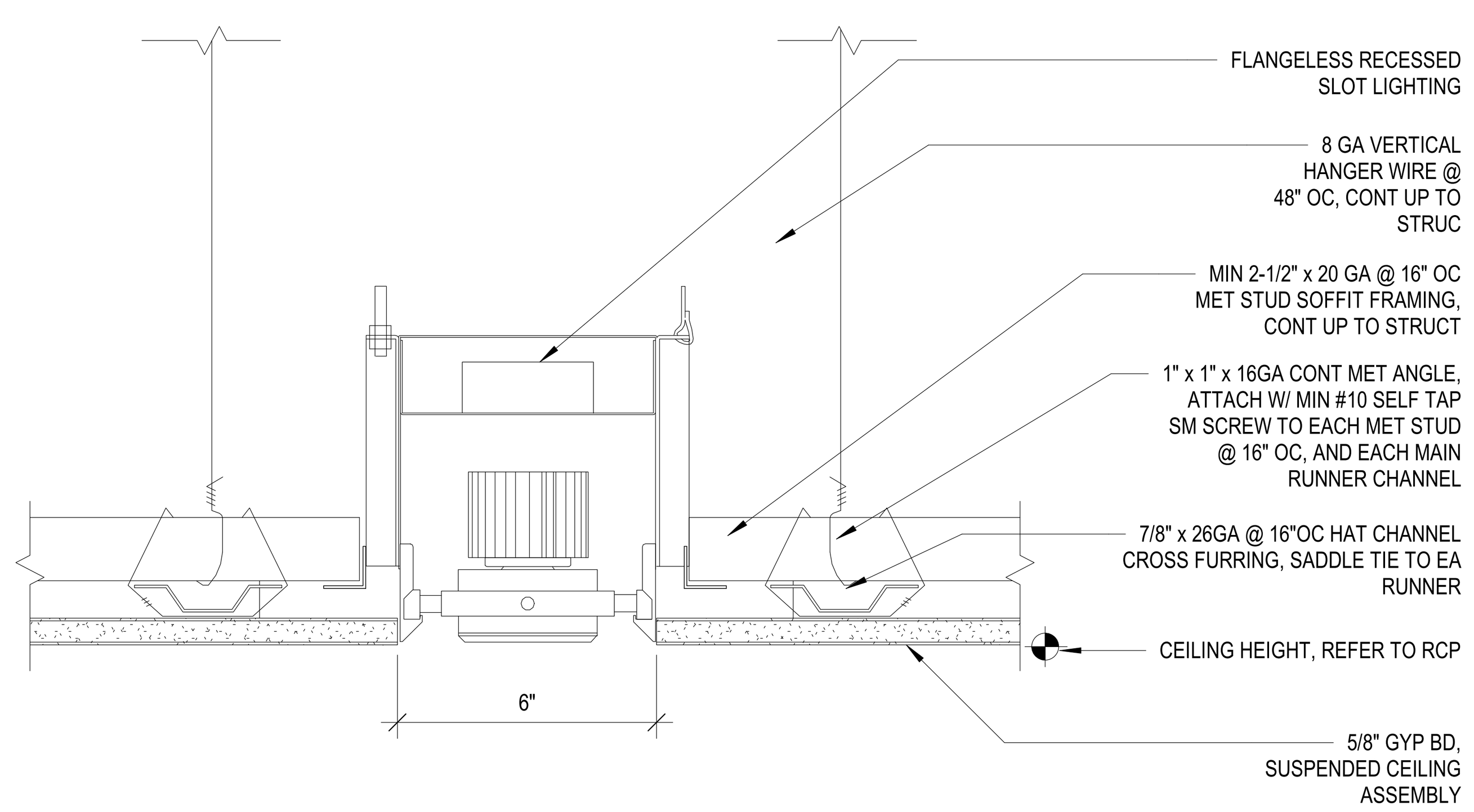
3 GYP BD - RECESSED LIGHT
3" = 1'-0"



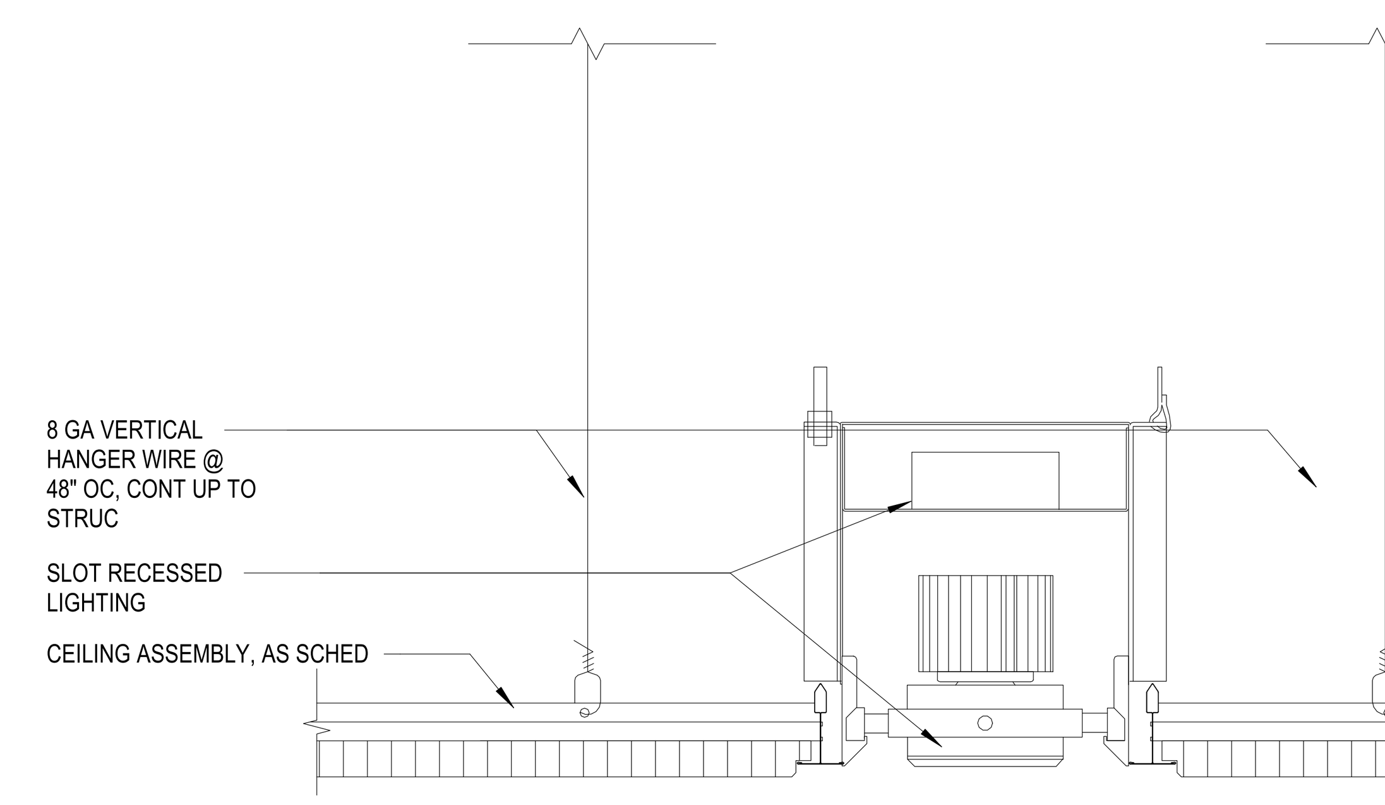
4 GYP BD CLG RECESSED SLOT DIFFUSER
3" = 1'-0"



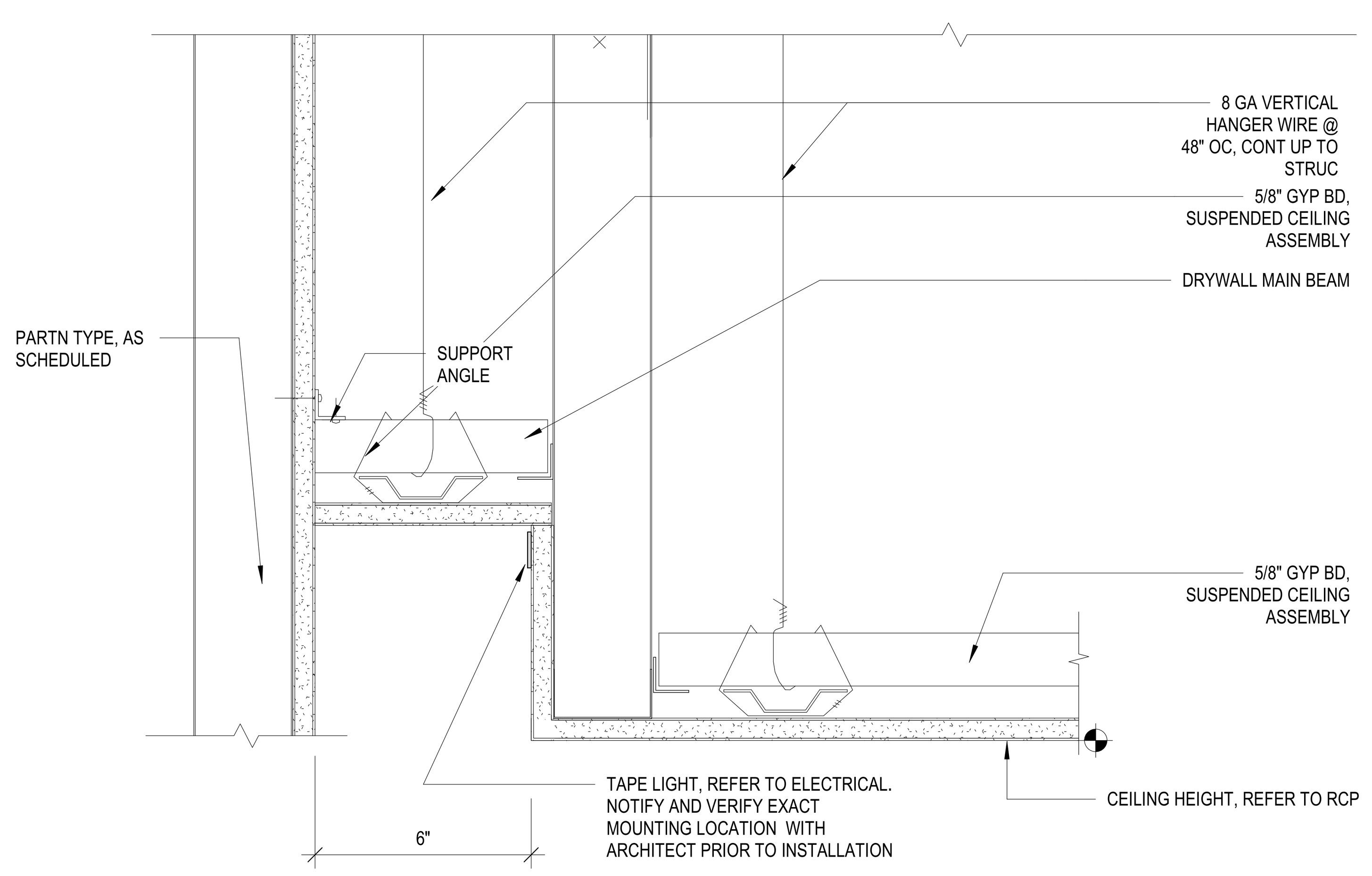
5 GYP BD CLG SLOT DIFFUSER
3" = 1'-0"



6 GYP BD CLG - SLOT FLANGELESS RECESSED LIGHTING
3" = 1'-0"



7 ACT CLG - SLOT FLANGELESS RECESSED LIGHTING
3" = 1'-0"



8 GYP TO GYP CEILING COVE DETAIL @ LOBBY
3" = 1'-0"

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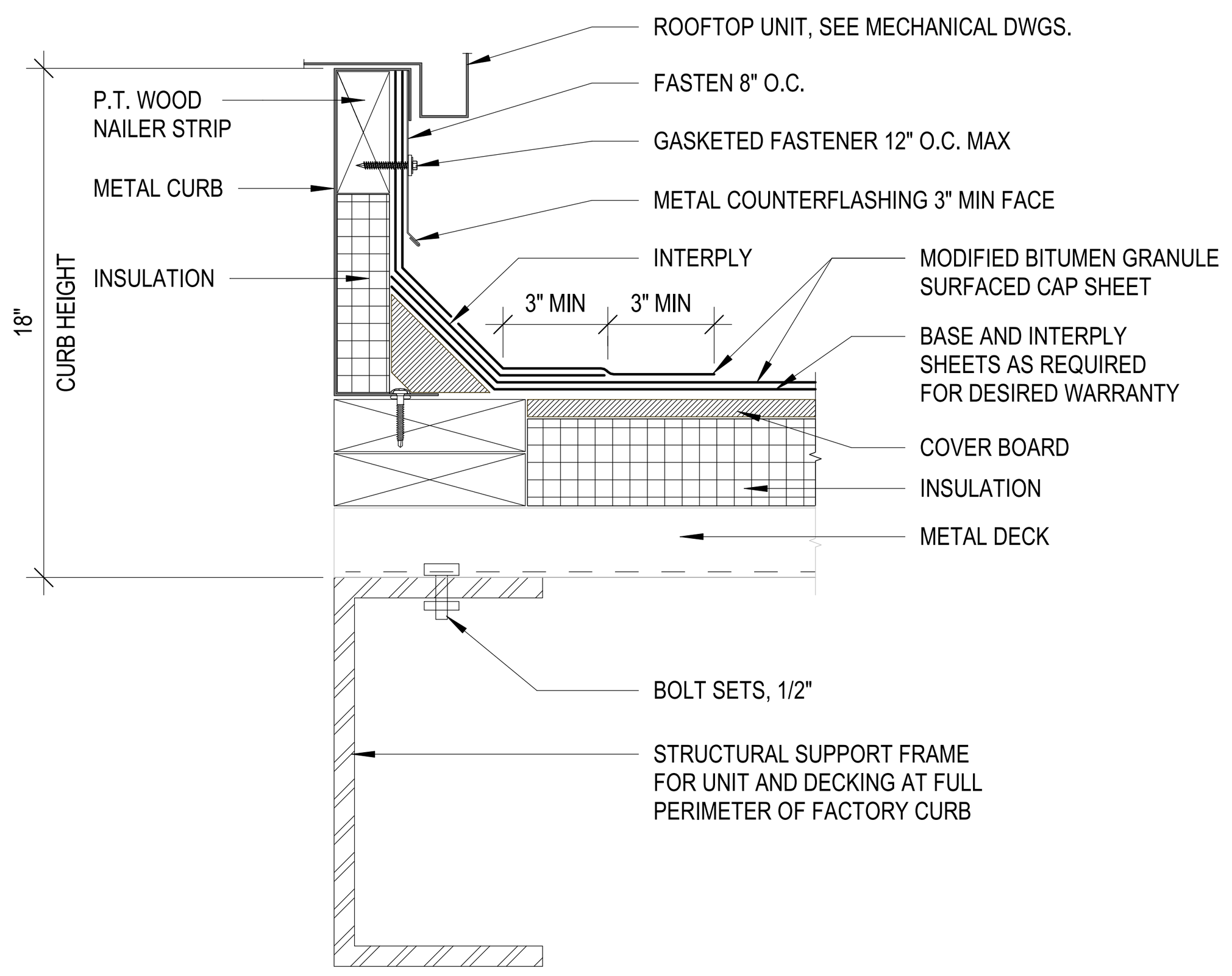
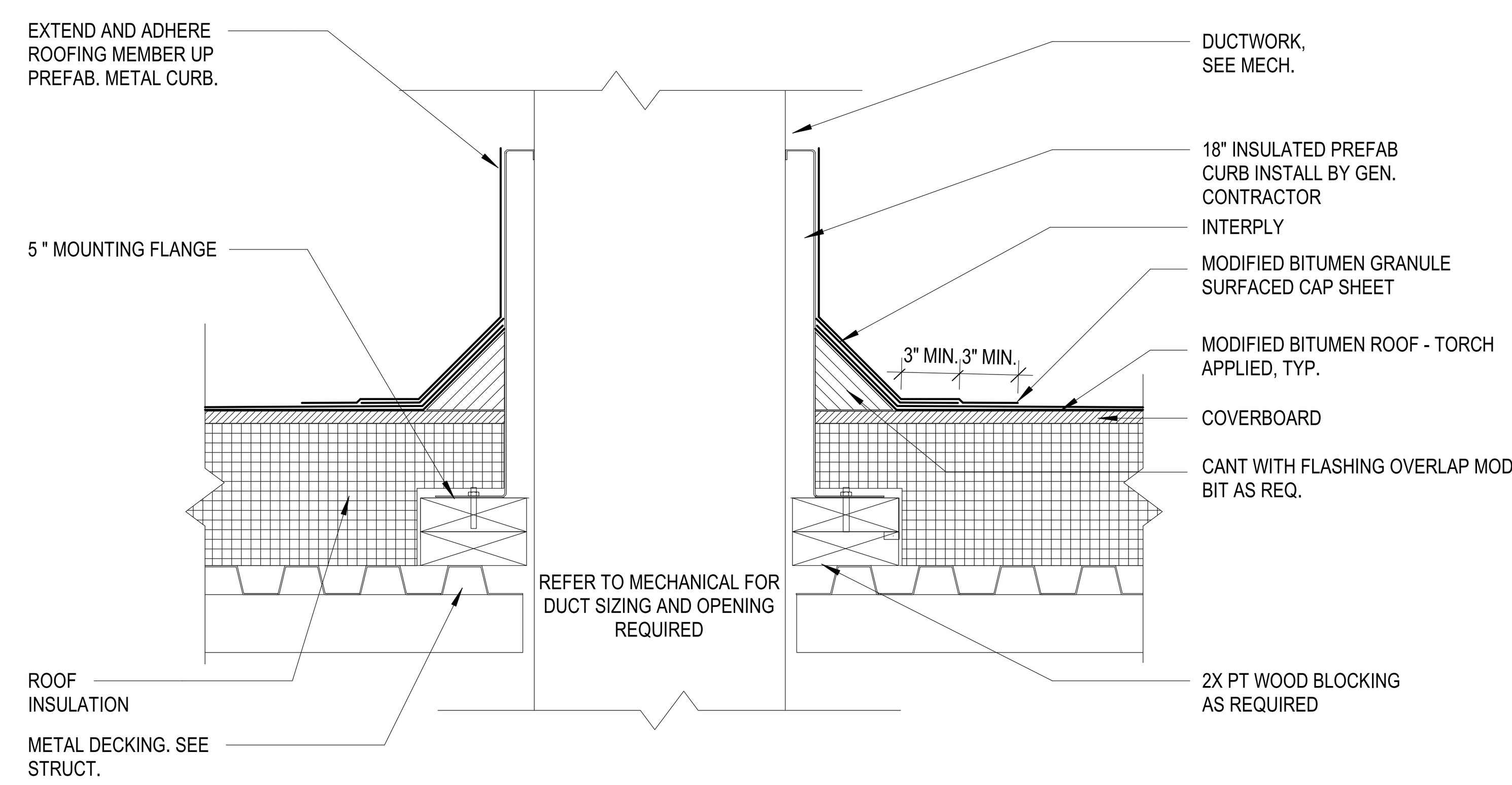
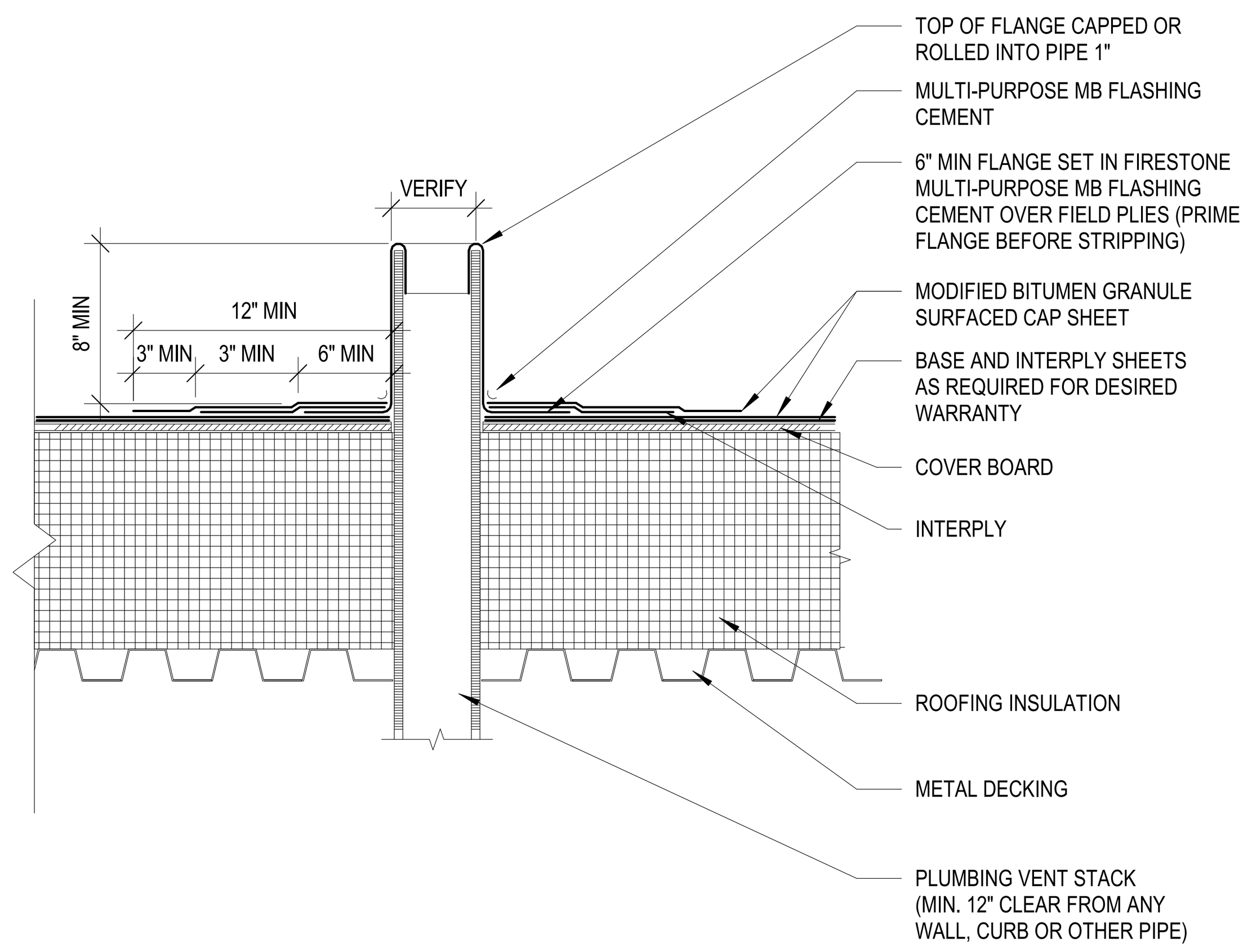
A-621



1 DETAIL - RTU CURB
3" = 1'-0"



2 DETAIL - DUCT PENETRATION
1 1/2" = 1'-0"



3 DETAIL - PIPE / TUBE PENETRATION
1 1/2" = 1'-0"

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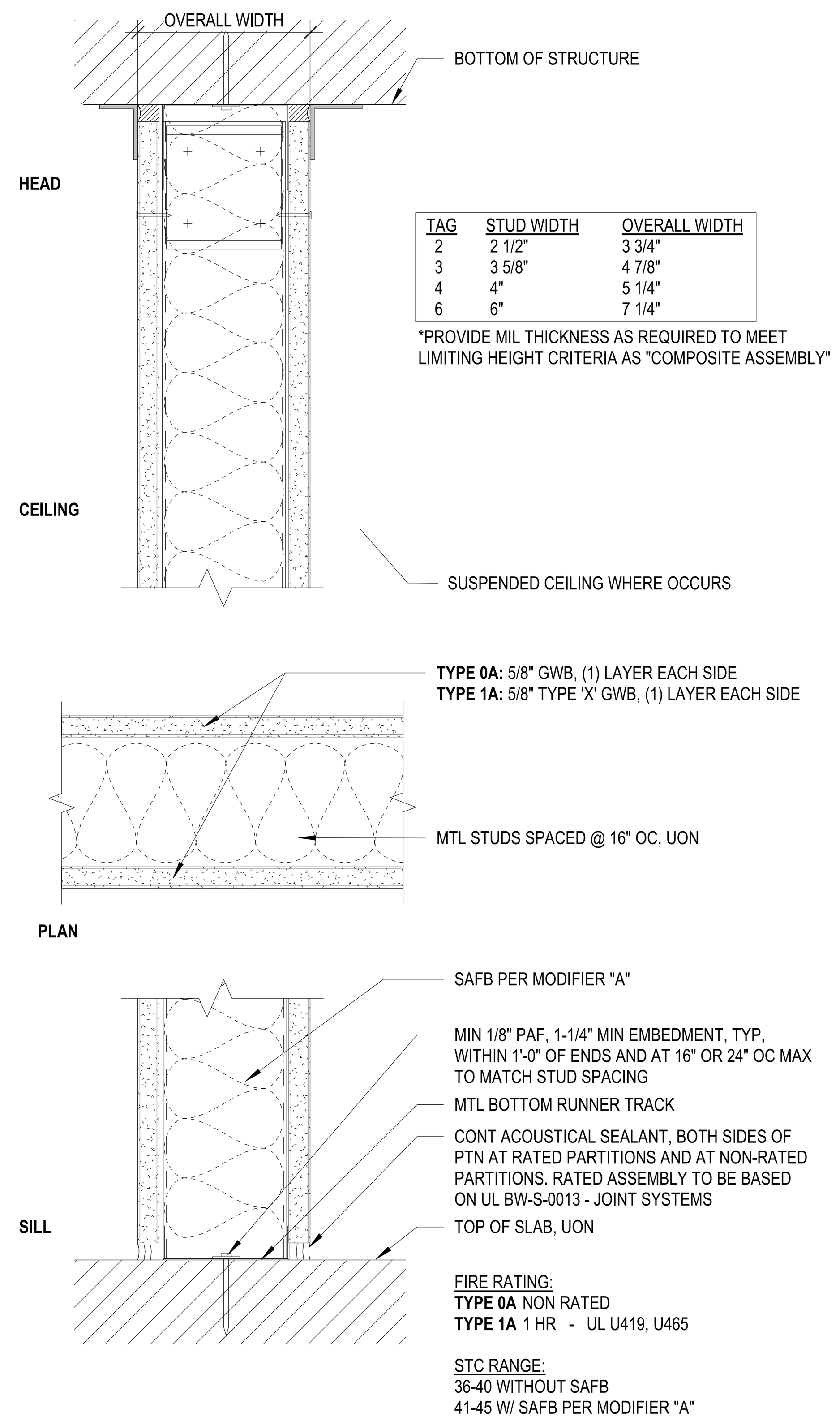
ENCLOSURE DETAILS

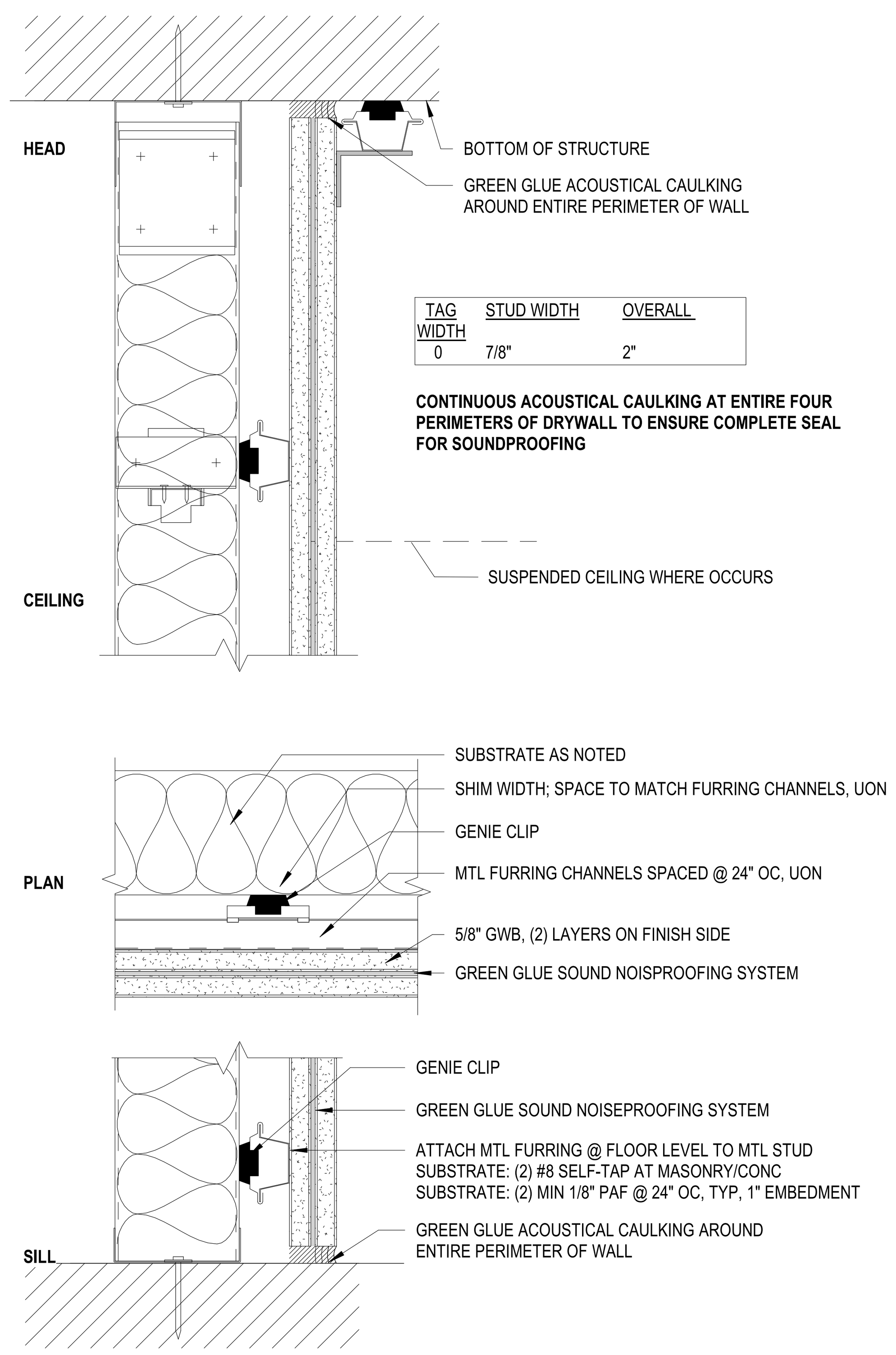
A-720



TAG	STUD WIDTH	OVERALL WIDTH
2	2 1/2"	3 3/4"
3	3 5/8"	4 7/8"
4	4"	5 1/4"
6	6"	7 1/4"

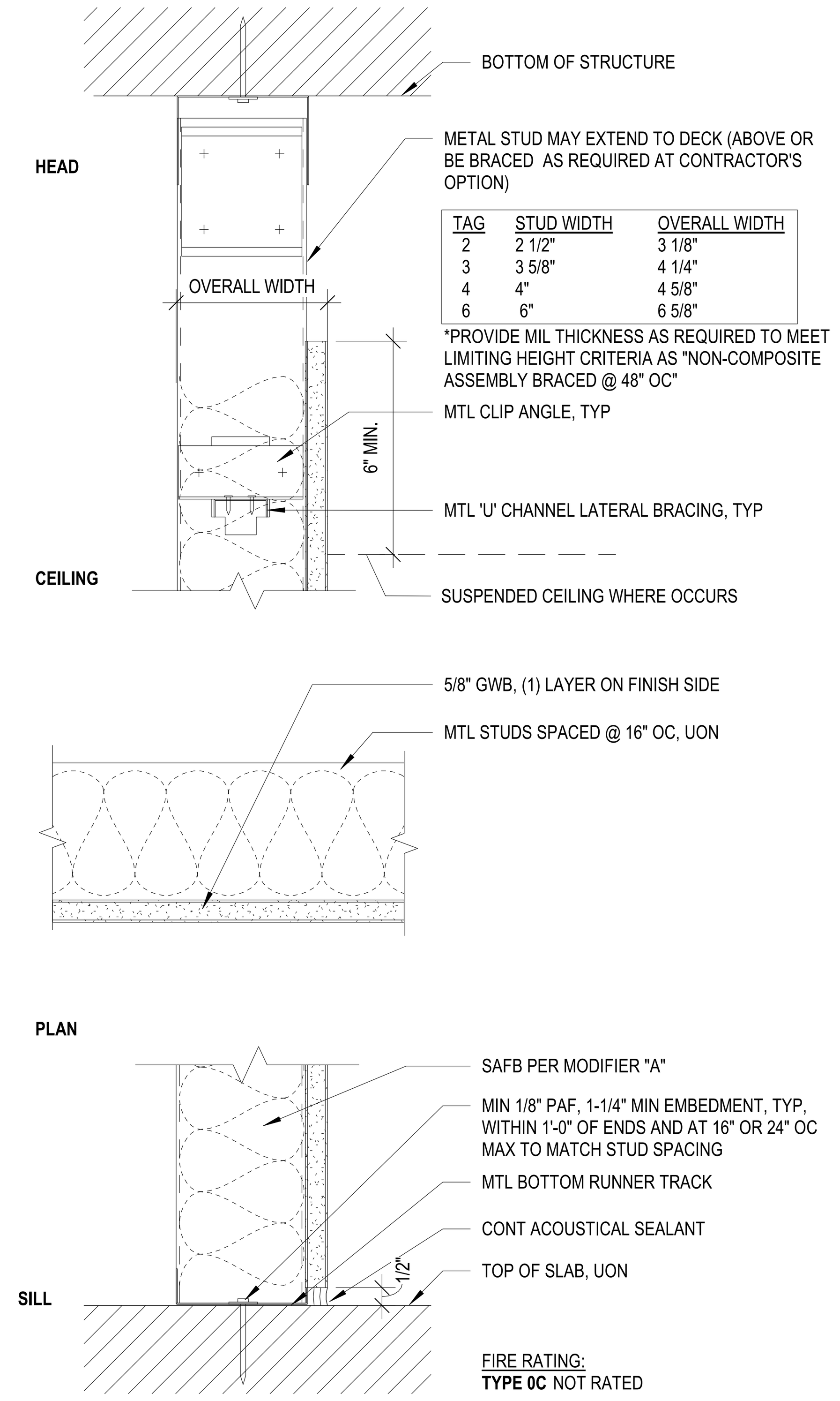
*PROVIDE MIL THICKNESS AS REQUIRED TO MEET LIMITING HEIGHT CRITERIA AS "COMPOSITE ASSEMBLY"

A TYPE A: FULL HEIGHT: 0- & 1-HR RATED
3" = 1'-0"



TAG WIDTH	STUD WIDTH	OVERALL
0	7/8"	2"

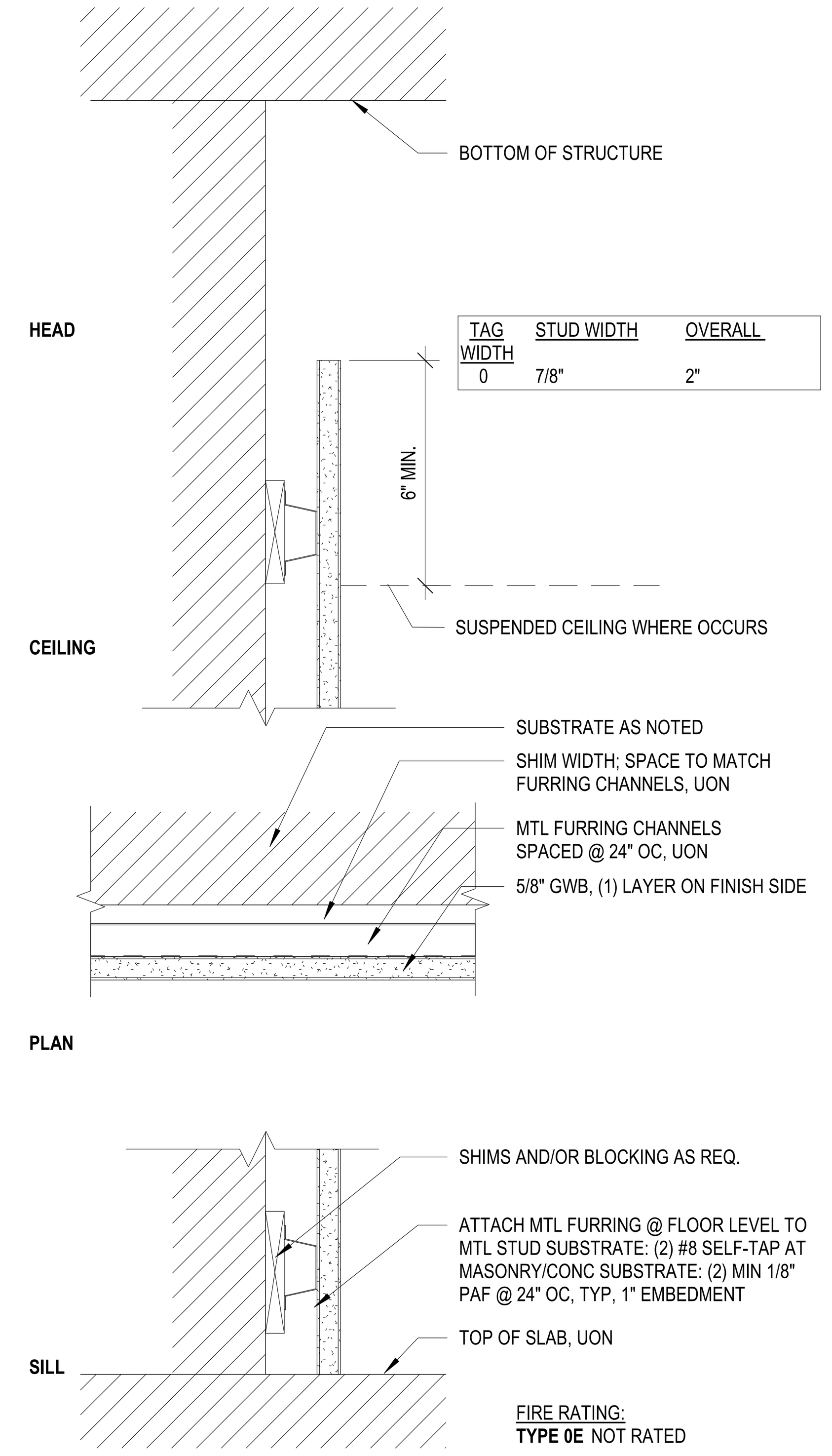
B TYPE B: SOUND ISOLATION CLIP ON SUBSTRATE: NON RATED
3" = 1'-0"



TAG	STUD WIDTH	OVERALL WIDTH
2	2 1/2"	3 1/8"
3	3 5/8"	4 1/4"
4	4"	4 5/8"
6	6"	6 5/8"

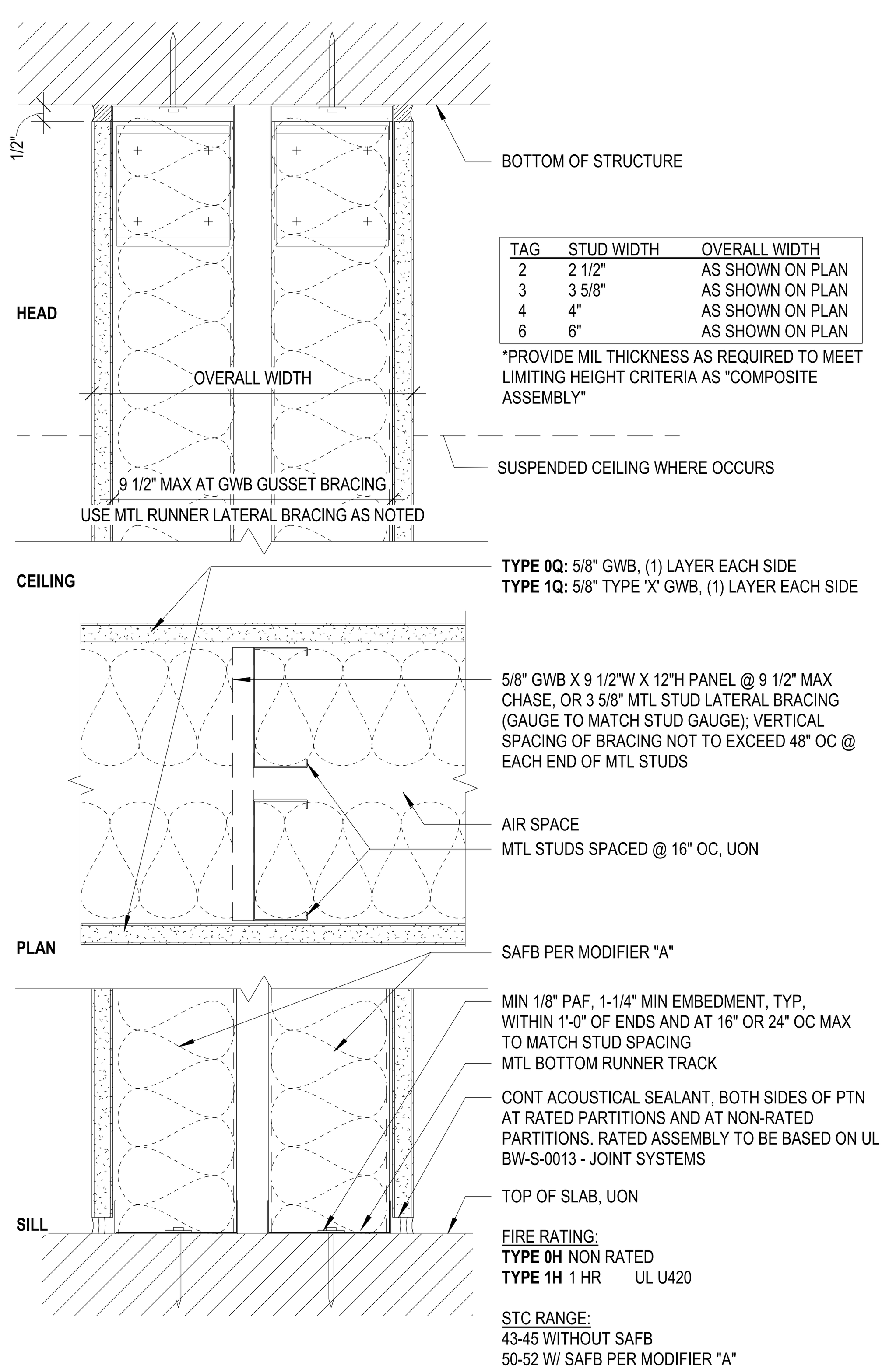
*PROVIDE MIL THICKNESS AS REQUIRED TO MEET LIMITING HEIGHT CRITERIA AS "NON-COMPOSITE ASSEMBLY BRACED @ 48" OC"

C TYPE C: FULL HT FURRING: NON RATED
3" = 1'-0"



TAG WIDTH	STUD WIDTH	OVERALL
0	7/8"	2"

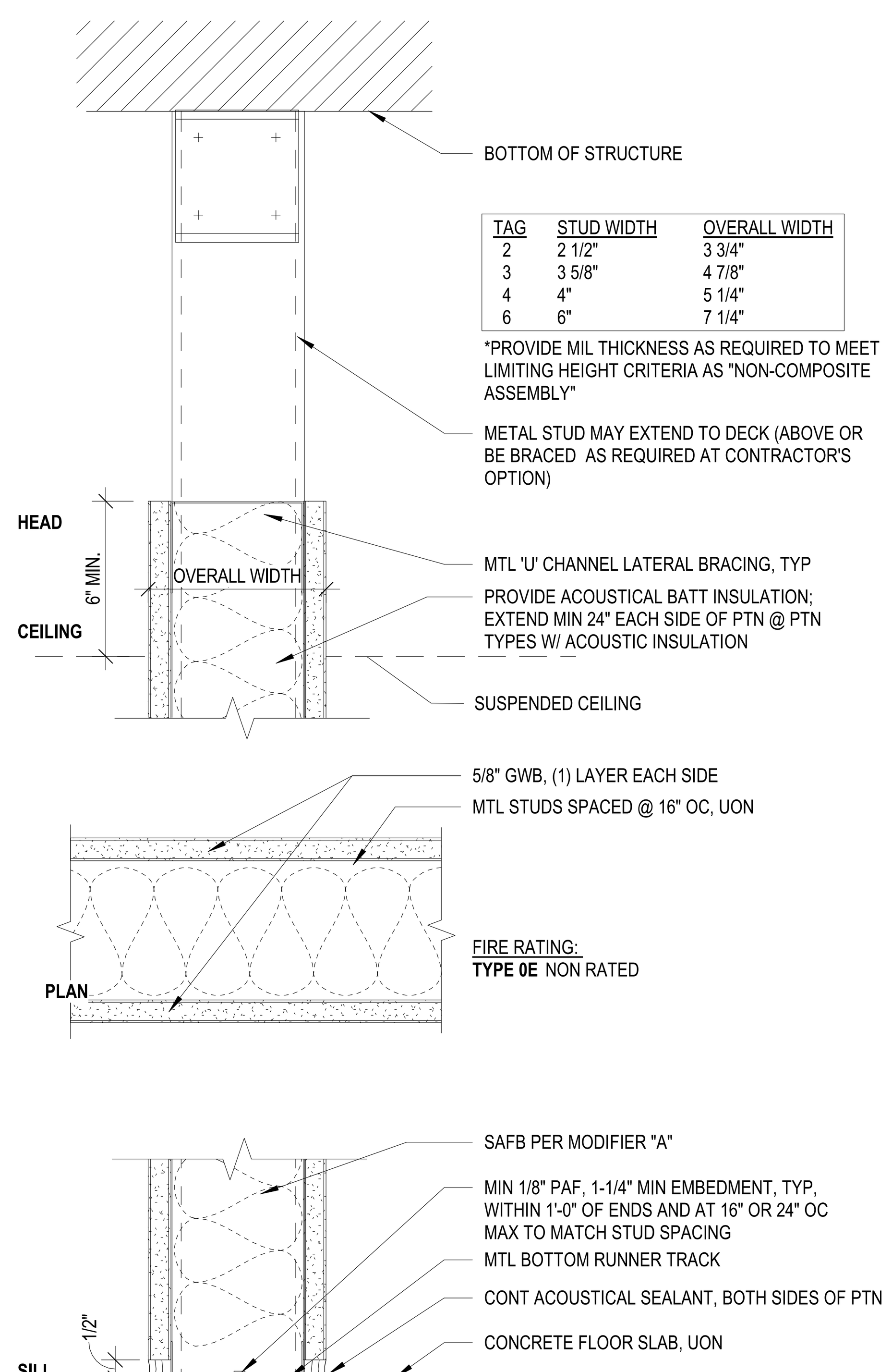
E TYPE E: FURRING ON SUBSTRATE: NON RATED
3" = 1'-0"



TAG	STUD WIDTH	OVERALL WIDTH
2	2 1/2"	AS SHOWN ON PLAN
3	3 5/8"	AS SHOWN ON PLAN
4	4"	AS SHOWN ON PLAN
6	6"	AS SHOWN ON PLAN

*PROVIDE MIL THICKNESS AS REQUIRED TO MEET LIMITING HEIGHT CRITERIA AS "COMPOSITE ASSEMBLY"

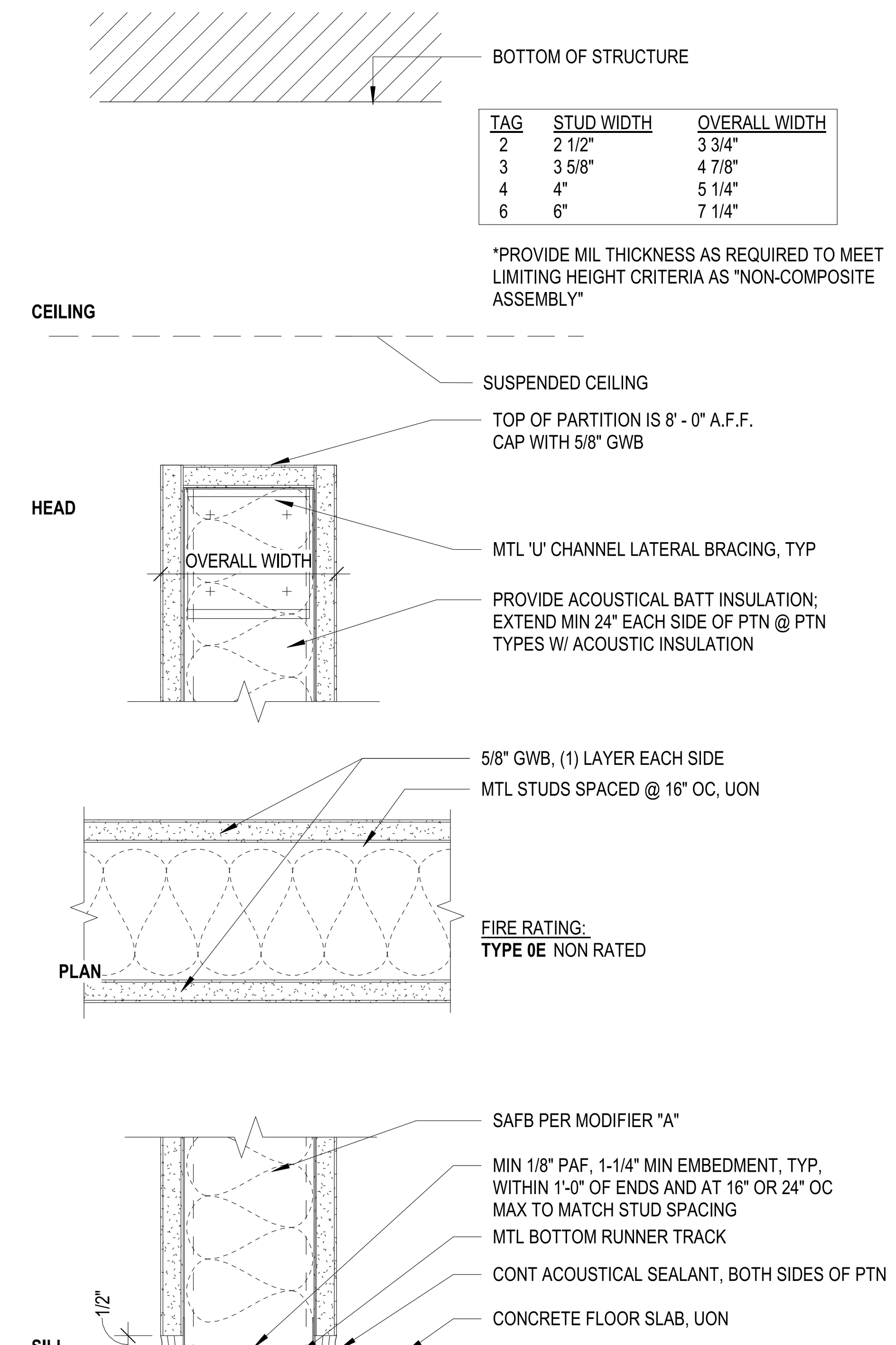
H TYPE H: CHASEWALL: 0- & 1-HR RATED
3" = 1'-0"



TAG	STUD WIDTH	OVERALL WIDTH
2	2 1/2"	3 3/4"
3	3 5/8"	4 7/8"
4	4"	5 1/4"
6	6"	7 1/4"

*PROVIDE MIL THICKNESS AS REQUIRED TO MEET LIMITING HEIGHT CRITERIA AS "NON-COMPOSITE ASSEMBLY"

J TYPE J: PARTIAL HEIGHT: NON RATED
3" = 1'-0"



TAG	STUD WIDTH	OVERALL WIDTH
2	2 1/2"	3 3/4"
3	3 5/8"	4 7/8"
4	4"	5 1/4"
6	6"	7 1/4"

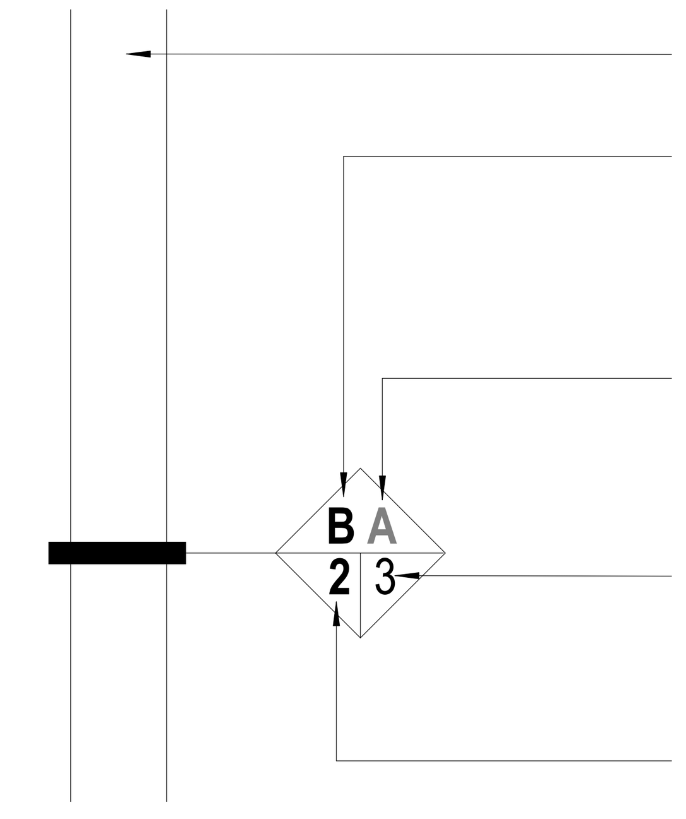
*PROVIDE MIL THICKNESS AS REQUIRED TO MEET LIMITING HEIGHT CRITERIA AS "NON-COMPOSITE ASSEMBLY"

K TYPE K: PARTIAL HEIGHT: NON RATED
3" = 1'-0"

GENERAL NOTES

1. REFER TO INDICATED DRAWINGS FOR HEAD DETAILS; HEAD CONDITION AS APPLICABLE TO SUPPORT CONDITION. PROVIDE THE APPROPRIATE HEAD CONNECTION DETAIL BASED ON FIRE RATING AND ON CONNECTION CONDITION AT DECK OR BEAM.
2. PROVIDE TYPE 'X' GWB AT ALL SMOKE PARTITIONS.
3. SMOKE BARRIERS SHALL RESIST THE PASSAGE OF AIR AT THE RATE OF NOT MORE THAN 5.0 CFM/SF AT BOTH AMBIENT TEMPERATURES & 400 DEG F AT A PRESSURE DIFFERENTIAL OF 0.30" WATER COLUMN.
4. MOISTURE RESISTANT, PAPERLESS, COATED FIBERGLASS MAT WATER RESISTANT GYPSUM WALL BOARD TO BE UTILIZED ON THE OUTER LAYER OF ALL PARTITIONS THAT ARE SCHEDULED TO RECEIVE CERAMIC TILE, PORCELAIN TILE, STONE TILE OR ANY MATERIAL THAT IS SECURE WITH ADHESIVES OR THIN-SET MORTARS.
5. PROVIDE 1/2" CEMENT BOARD AT ALL SHOWER AND TUB LOCATIONS. EXTEND A MINIMUM OF 12 INCHES BEYOND WET AREA AS DEFINED BY SHOWER GLASS, CURTAIN, OR TUB EDGE.
6. MOISTURE RESISTANT GWB TO BE USED AT ALL STAIR SHAFTS, ELEVATOR SHAFTS, HVAC SHAFTS, PLUMBING CHASE, EXTERIOR WALLS, JANITOR CLOSETS, MECHANICAL ROOM INCLUDING BULKHEADS, AND OTHER AREAS WERE MOISTURE COULD OCCUR AND AS SPECIFICALLY SCHEDULED AND/OR NOTED.
7. PROVIDE UL COMPLIANT FIRE AND SMOKE STOP SYSTEMS AT ALL HEAD OF WALL, BOTTOM OF WALL AND FOR ALL PENETRATIONS AND AS SPECIFICALLY SHOWN OR SCHEDULED.
8. ALL BRACING AND UNBRACED LENGTHS TO BE DESIGNED AND BASED ON SSMA (STEEL STUD MANUFACTURERS ASSOCIATION) PRODUCT TECHNICAL GUIDE [www.ssma.com].
9. SEE PROJECT SPECIFICATIONS FOR PERFORMANCE CRITERIA FOR ALL METAL FRAMED PARTITIONS.
10. ALL PARTITIONS TO BE FULL HEIGHT, UON.
11. STUD GAGE - 20 UON
12. ALLOWABLE DEFLECTION TO BE L/240 UON.
13. PROVIDE FIRESTOPS AND SMOKE SEALS AT ALL PENETRATIONS OF FIRE RATED PARTITIONS
14. IMPACT RESISTANT GWB TO BE USED WHERE NOTED AND AT THE FOLLOWING LOCATIONS INCLUDING BUT NOT LIMITED TO: CORRIDORS, MECHANICAL ROOMS, MAINTENANCE ROOMS, AND STORAGE ROOMS.
15. CEMENT BOARD TO BE USED AT THE FOLLOWING LOCATIONS: SHOWERS, BATH
16. SEE INTERIOR ELEVATIONS AND FINISH SCHEDULE FOR FINISHES AND WALL BASE.
17. FOR ASYMMETRICAL PARTITIONS THE EXTRA LAYER OF GYPSUM IS TO BE INSTALLED ON THE SIDE OF THE PARTITIONS WHERE THE TYPE KEY IS SHOWN.
18. PROVIDE FRT BLOCKING IN GYPSUM WALL BOARD PARTITIONS FOR ANCHORAGE OF GRAB BARS, HANDRAILS, TELEVISION, OTHER WALL MOUNTED FIXTURES, AND SIMILAR ITEMS
19. FIRE RATED PARTITIONS W/ SCHEDULED INSULATION MUSH HAVE FIRE RESISTANT INSULATION
20. ALL FIRE-RESISTANCE SHALL BE STENCILED IN RED WITH 2-INCH HIGH LETTERING TO INDICATED THE WALL IS A FIRE-RESISTANCE-RATED AND/OR SMOKE PARTITION . IF THE WALL IS FIRE-RESISTANCE RATED, INDICATE "FIRE RATED - 'X' HOURS PROTECT ALL OPENINGS" AND THE APPLICABLE FIRE-RESISTANCE RATING (ONE, TWO, THREE, OR FOUR HOURS). THE STENCILING SHALL BE LOCATED ON THE FIRE-RESISTANCE-RATED WALL OR SMOKE PARTITION ABOVE CEILINGS AND AT THE EXPOSED AREAS (SUCH AS MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS AND IDF ROOMS) AT 10-FOOT INTERVALS.
21. PROVIDE IMPACT/ ABUSE RESISTANT GWB COMPLYING W/ HARD BODY IMPACT CLASSIFICATION LEVEL 3 IN LIEU OF INNER LAYER OF GWB ON OUTER SIDE OF STAIR OR ELEVATOR INCLOSURE OR 2 LAYERS OF IMPACT RESISTANT BOARD, EA OF WHICH COMPLIES W/ HARD BODY IMPACT CLASSIFICATION LEVEL 2
22. PROVIDE A LAYER OF PLYWOOD SHEETING UP TO 8'-0" HIGH INSIDE ELECTRICAL, MECHANICAL, OR IT ROOMS AS SHOWN ON PLANS. PAINT AS SCHEDULED.
23. PARTITIONS TO BE TREATED AS A SMOKE BARRIER FOR RATED PARTITION TYPES OR SMOKE PARTITION FOR NON RATED TYPES AS NOTED IN PLANS AND DETAILS.

WALL TAG LEGEND



PARTITION (AS INDICATED ON FLOOR PLANS)

PARTITION TYPE TAG
REFER TO PARTITION TYPE DETAIL INDICATED BY TAG.
FOR EXAMPLE:
TAG "A" = REFERENCE TO PARTITION "TYPE A" DETAIL.

PARTITION MODIFIER TAG(S)
REFER TO THE "PARTITION MODIFIER LEGEND" BELOW; NOTES APPLY TO THE FULL EXTENT OF EACH PARTITION WHERE SO TAGGED.

MTL STUD WIDTH TAG
INDICATES THE MTL STUD NOM WIDTH, REFER TO "MTL STUD WIDTH LEGEND" BELOW, UON ON PARTITION TYPE DETAIL.

FIRE RATING TAG
REFER TO THE "FIRE RATING LEGEND" BELOW FOR THE FIRE-RESISTANCE CLASSIFICATION.

FIRE RATING LEGEND

THE COMPLETE ASSEMBLY OF EACH PARTITION W/ A FIRE/SMOKE RATING TAG SHALL COMPLY W/ ALL REQUIREMENTS OF THE FIRE-RESISTANCE/SMOKE BARRIER RATING CLASSIFICATION:

TAG	RATING CLASSIFICATION
0	NON-RATED PARTITION
1	60 MIN FIRE-RESISTANCE RATED PARTITION
2	120 MIN FIRE-RESISTANCE RATED PARTITION
3	180 MIN FIRE-RESISTANCE RATED PARTITION
4	240 MIN FIRE-RESISTANCE RATED PARTITION

MTL STUD WIDTH LEGEND

TAG	STUD WIDTH
0	7/8" FURRING CHANNEL
1	1-5/8"
2	2-1/2"
3	3-5/8"
4	4"
5	5"
6	6"

PARTITION MODIFIER LEGEND

THE FOLLOWING NOTES APPLY TO THE FULL EXTENT OF EACH PTN, WHERE "PARTITION MODIFIER" CHARACTER(S) ARE SHOWN ON THE TAG:

TAG	DESCRIPTION
A	PROVIDE SAFB: 2" THK AT 2-1/2" STUD; 3" THK AT 3-5/8", 4", 5" AND 6" STUDS, UON.
B	AIR SPACE

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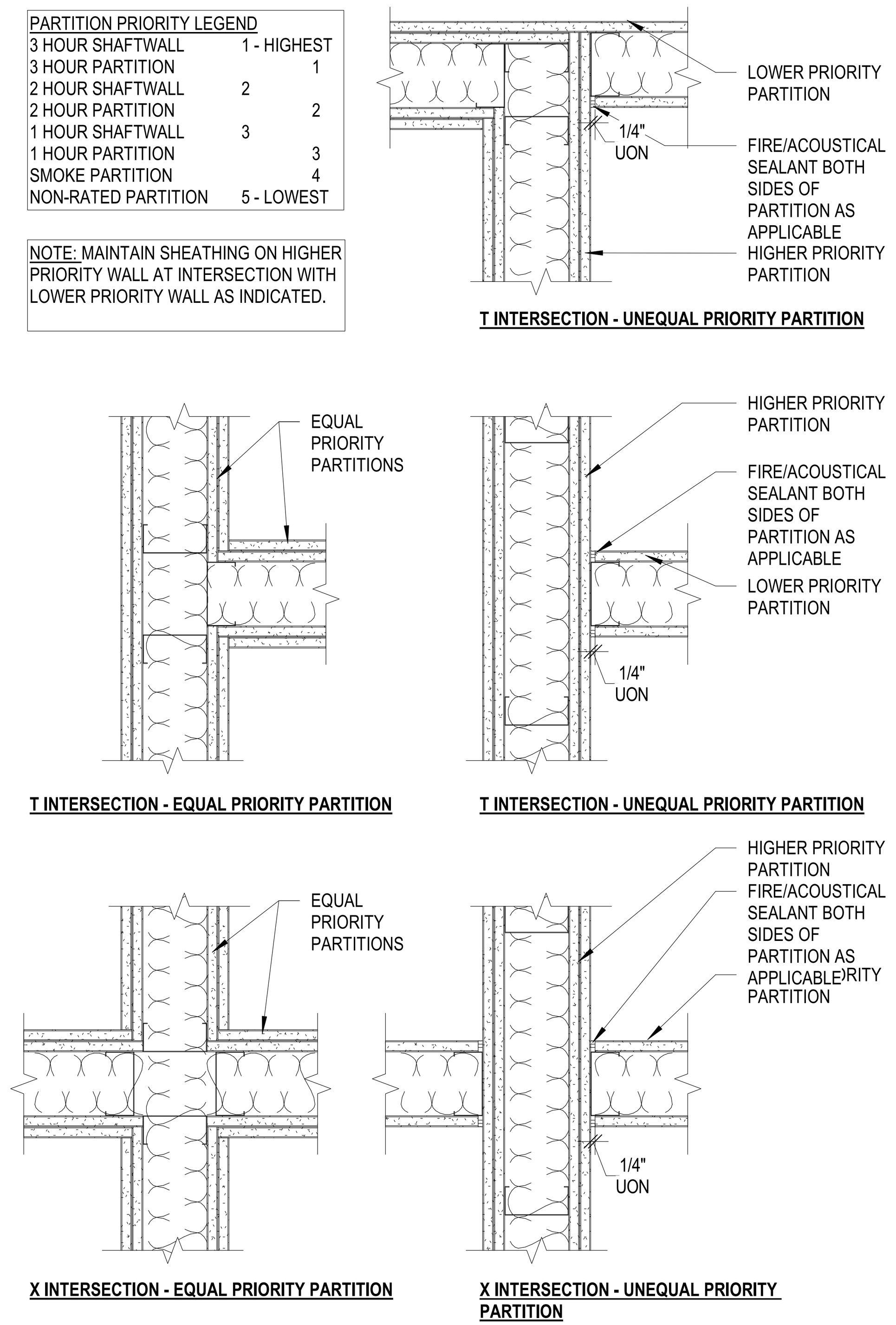
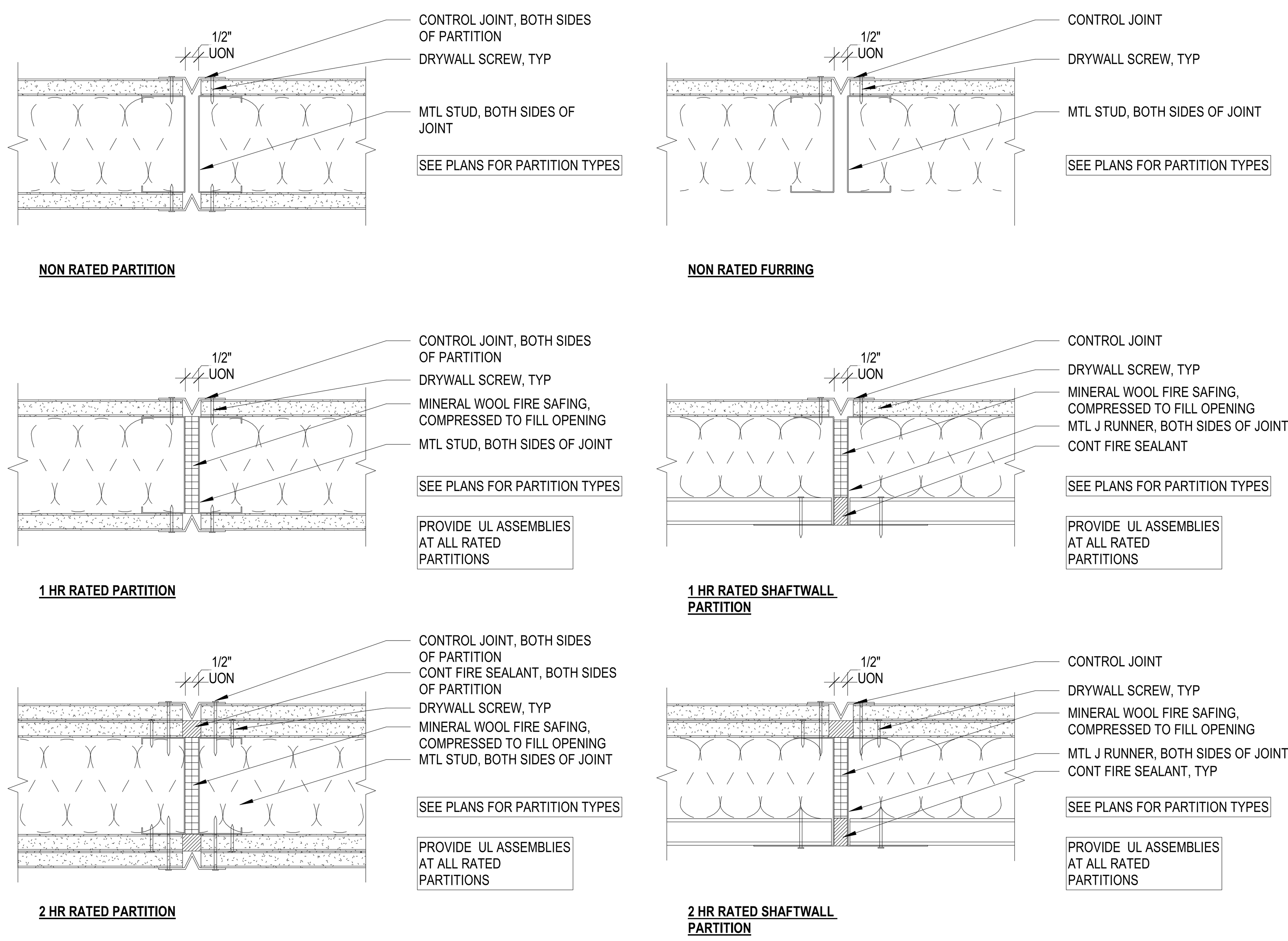
PARTITION TYPES

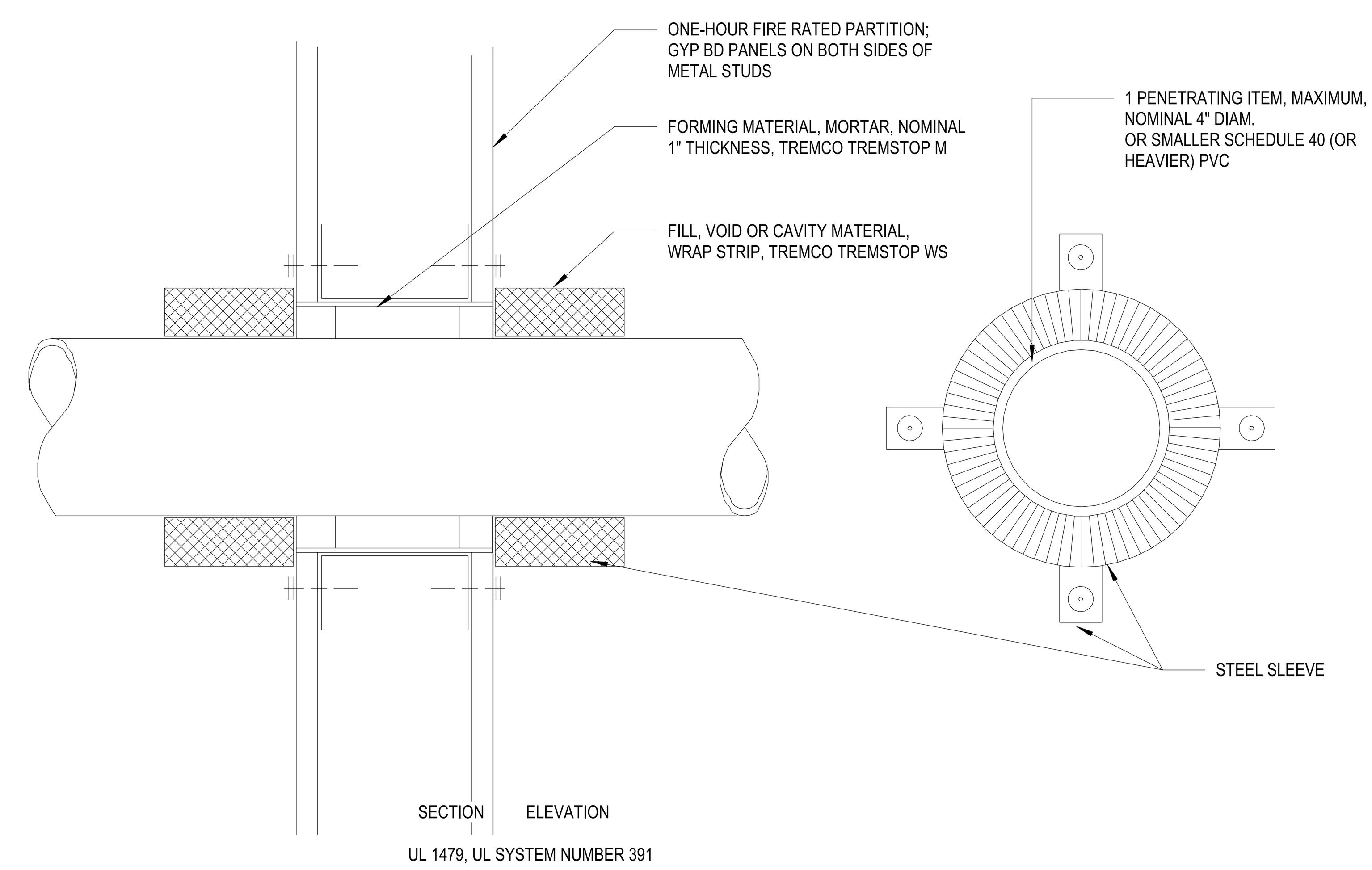
A-800



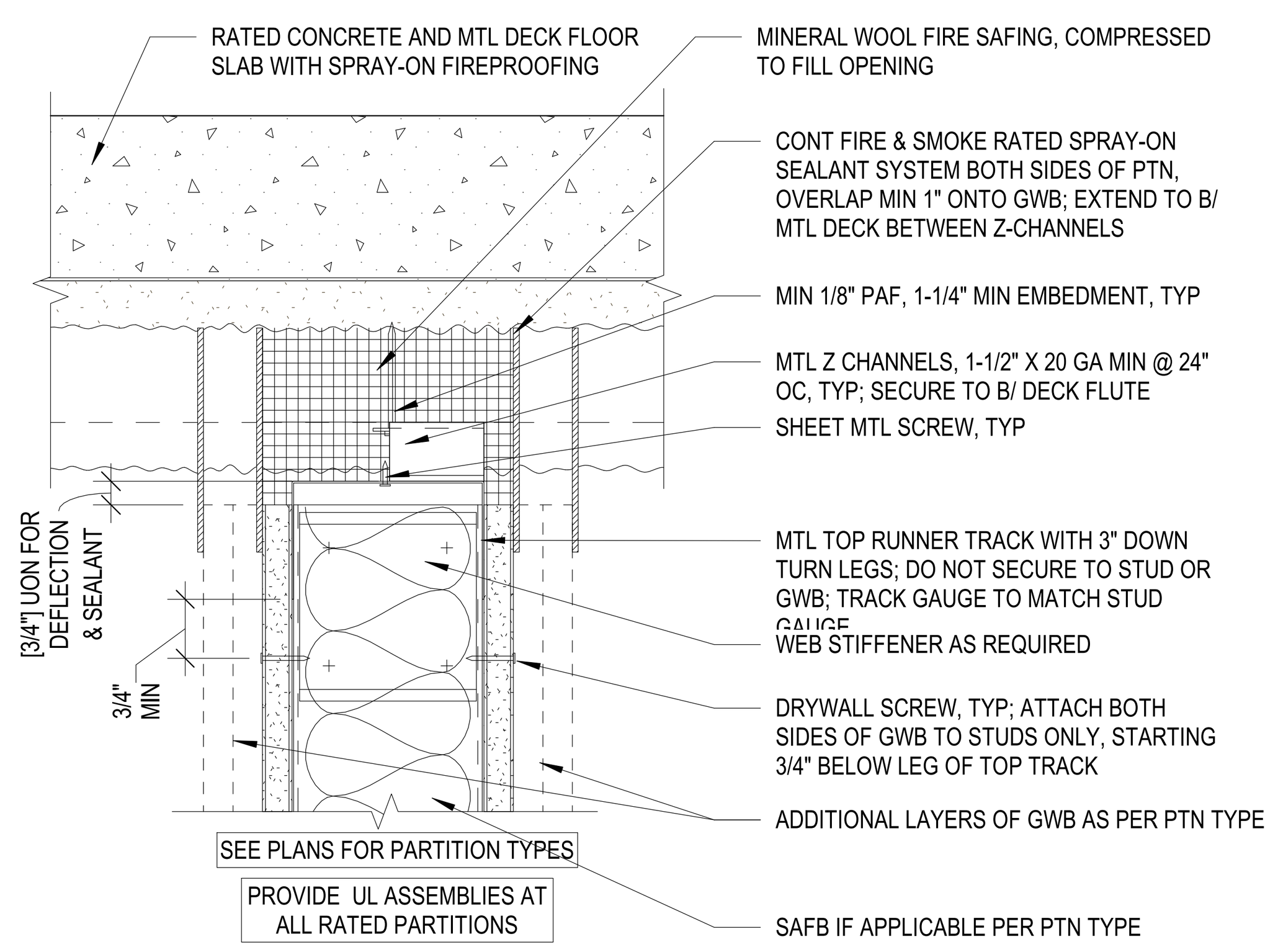
1 TYPICAL PTN INTERSECTIONS DET
1 1/2" = 1'-0"



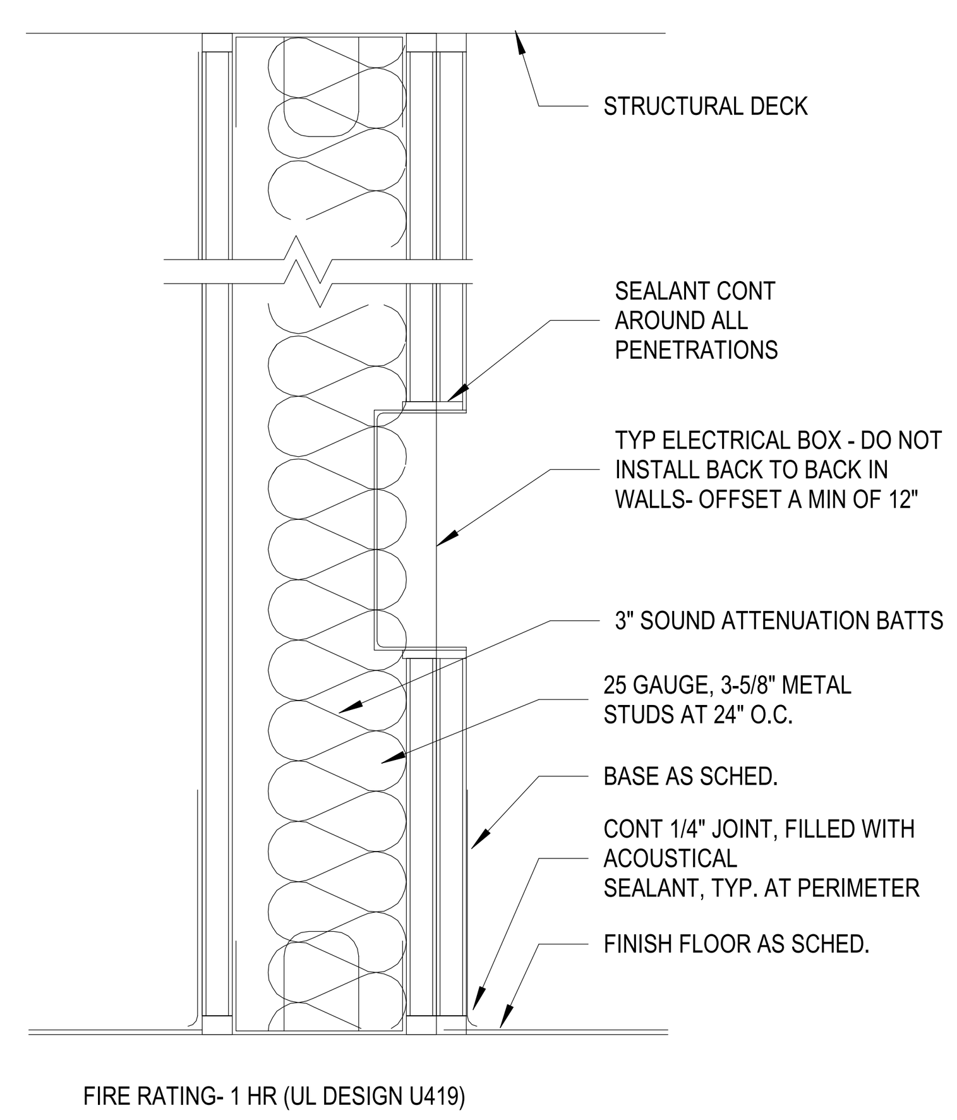
2 TYPICAL PTN CONTROL JOINTS DET
3" = 1'-0"



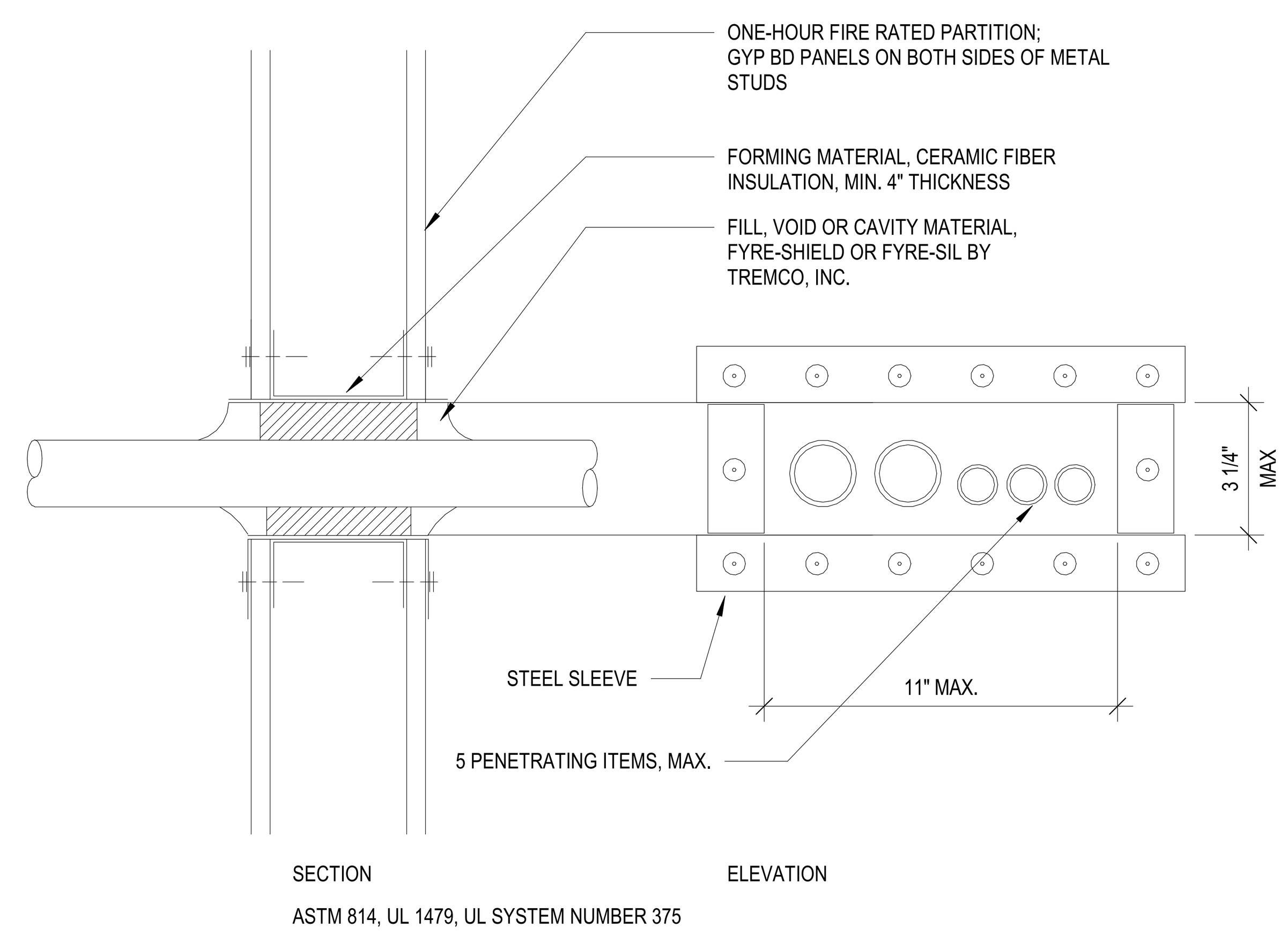
3 THROUGH- PENETRATION FIRESTOP SYSTEM 5
3" = 1'-0"



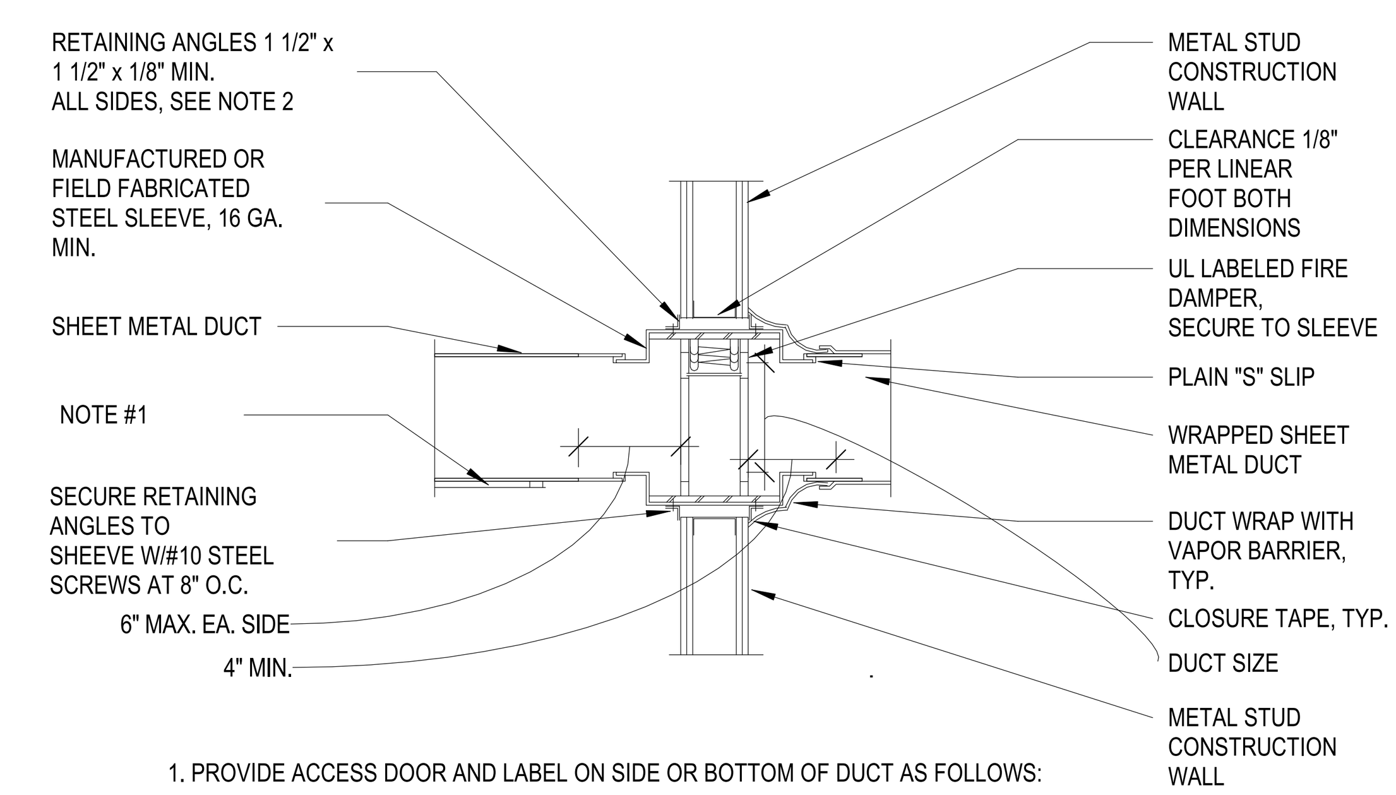
4 TYP RATED PTN HEAD PERPENDICULAR TO MTL DECK W/ FIREPROOFING
3" = 1'-0"



5 TYPICAL PTN INTERSECTIONS DET
3" = 1'-0"



6 THROUGH- PENETRATION FIRESTOP SYSTEM 4
3" = 1'-0"



1. PROVIDE ACCESS DOOR AND LABEL ON SIDE OR BOTTOM OF DUCT AS FOLLOWS:

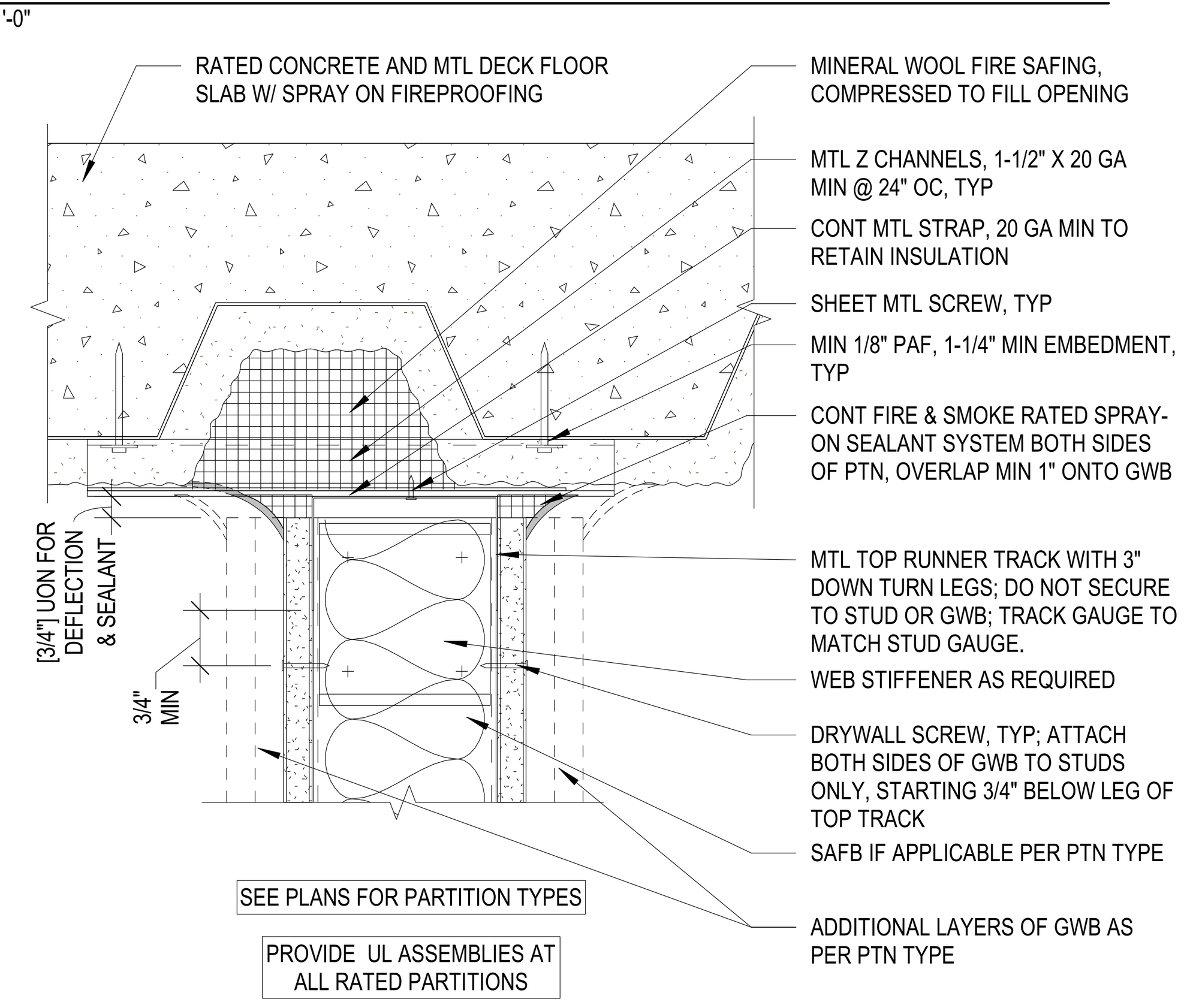
DUCT WIDTH	DOOR WIDTH
6" THRU 18"	6" x 12"
19" THRU 36"	12"x18"
37" AND ABOVE	18"x18"

2. RETAINING ANGLES SHALL LAP STRUCTURAL OPEING 1" MINIMUM AND COVER CORNERS OF OPEINGS. ANGLES MUST NOT BE ATTACHED TO EACH OTHER AT CORNERS OR TO WALL. ATTACH TO SLEEVE. U.L. SYSTEM #319.

3. ALL ATTACHMENTS PER MANUFACTURERS APPROVED INSTALLATION INSTRUCTION.

4. VERTICAL POSITION SHOWN. HORIZONTAL INSTALLATION SIMILAR. DAMPER TO BE SPRING LOADED WHEN HORIZONTAL.

7 THROUGH- PENETRATION FIRE DAMPER
6" = 1'-0"



8 TYP RATED PTN HEAD PARALLEL TO MTL DECK W/ FIREPROOFING
3" = 1'-0"

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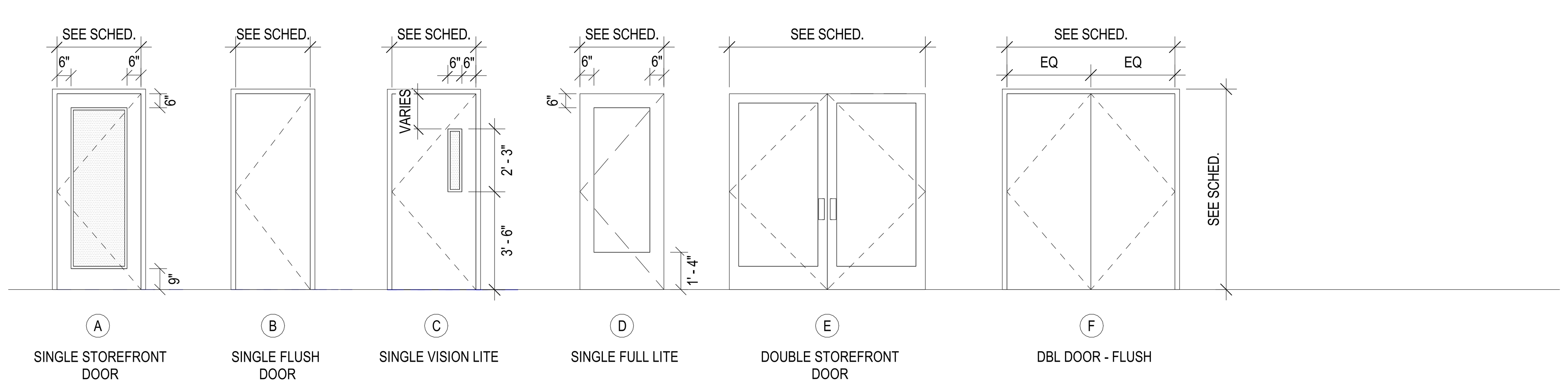
PARTITION DETAILS

A-801

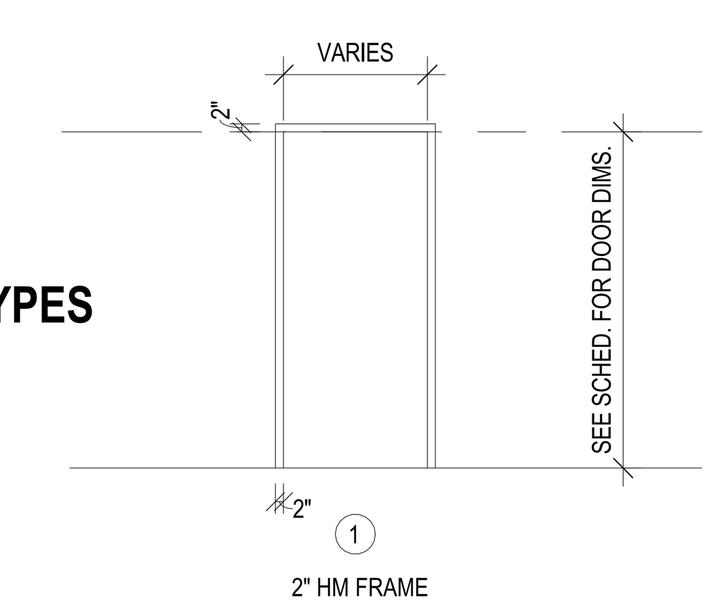
DOOR SCHEDULE - LEVEL 1

DOOR#	FROM ROOM	#	TO ROOM	#	DOOR TYPE	DOOR MAT'L	DOOR FINISH	DOOR NOMINAL SIZE WIDTH	DOOR NOMINAL SIZE HEIGHT	FRAME MAT'L	FRAME FINISH	FRAME TYPE	DETAIL/SHEET HEAD	DETAIL/SHEET JAMB	DETAIL/SHEET SILL	FIRE RATING	HARDWARE SET	CARD READER	COMMENTS	DOOR #
101	ENTRY LOBBY	101			E	ETR	ETR	6' - 0 1/2"	8' - 10"	ETR	ETR	ETR	ETR	ETR	4/A-831		20	Yes	NEW CARD READER	101
103	ELEV EQUIP	103			B	ETR	ETR	3' - 0"	7' - 0"	ETR	ETR	ETR	ETR	ETR	ETR		18	No		103
104	CORRIDOR	107	ENTRY LOBBY	101	F	WD	ST	5' - 8"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831	45MIN	04	Yes	45 MIN/ NEW CARD READER	104
105	JAN	105	CORRIDOR	107	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		18			105
106	CORRIDOR	107	STAIR A	106	C	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	1 HR	18	Yes	1HR FOR VERTICAL SHAFT OPENING/ EXISTING CARD READER	106
107B	CORRIDOR	107			A	ETR	PTD	3' - 0"	7' - 0"	ETR	PTD	ETR	ETR	ETR	ETR		19	No		107B
108	WOMEN'S RESTROOM	108	CORRIDOR	107	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	45 MIN	18			108
109	MEN'S RESTROOM	109	CORRIDOR	107	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	45 MIN	18			109
111A	CORRIDOR	107	BREAK ROOM	111	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831		06	Yes	NEW CARD READER	111A
111B	BOARD ROOM	138	BREAK ROOM	111	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831	45 MIN	06	Yes	45 MIN/ NEW CARD READER	111B
112	CORRIDOR	112	CORRIDOR	107	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831		09	Yes	NEW CARD READER	112
113	CORRIDOR	112	CONFERENCE	113	A	ALUM/GL	FF	3' - 0"	7' - 0"	ALUM	FF	-	5/A-831	6/A-831	7/A-831		15			113
115	OFFICE	115	CORRIDOR	112	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			115
116	OFFICE	116	CORRIDOR	112	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			116
117	OFFICE	117	CORRIDOR	112	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			117
118	OFFICE	118	CORRIDOR	119	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			118
122	OFFICE	122	CORRIDOR	119	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			122
123	OFFICE	123	CORRIDOR	119	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			123
124	OFFICE	124	CORRIDOR	119	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			124
126	VESTIBULE	126	CORRIDOR	119	B	ETR	PTD	3' - 6"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		18	Yes	EXISTING CARD READER	126
127A	STAIR B	127	VESTIBULE	126	C	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	1 HR	18	No	1HR FOR VERTICAL SHAFT OPENING	127A
127B	STAIR B	127			B	ETR	PTD	3' - 5 1/2"	6' - 10"	ETR	PTD	ETR	ETR	ETR	ETR		18	Yes	EXISTING CARD READER	127B
128A	STORAGE	128			B	ETR	ETR	3' - 0"	7' - 2"	ETR	ETR	ETR	ETR	ETR	ETR		18	No		128A
128B	STORAGE	128			F	ETR	ETR	6' - 0"	7' - 2"	ETR	ETR	ETR	ETR	ETR	ETR		20	No		128B
130	ELEV. EQUIP	130	CORRIDOR	119	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	45 MIN	18			130
131A	CORRIDOR	125	ELEC	131	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	45 MIN	18			131A
131B	ELEC	131	ELEC	131B	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	45 MIN	18			131B
133	OFFICE	133	CORRIDOR	125	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831		14			133
134A	CORRIDOR	125	MEETING ROOM	134	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831	45 MIN	15			134A
134B	MEETING ROOM	134	BOARD ROOM	138	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831	45 MIN	16			134B
135	CORRIDOR	125	IT SUPPORT	135	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831		11			135
136A	CORRIDOR	125	STORAGE ROOM	136	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831		12	No		136A
136B	STORAGE ROOM	136	BOARD ROOM	138	F	WD	ST	6' - 0"	7' - 0"	HM	PTD	-	2/A-831	1/A-831	3/A-831	45MIN	01			136B
138A	ENTRY LOBBY	101	BOARD ROOM	138	F	WD	ST	6' - 0"	7' - 0"	ETR	PTD	ETR	ETR	ETR	ETR	45MIN	05	Yes	45 MIN/ EXISTING CARD READER	138A
138B	BOARD ROOM	138	CORRIDOR	107	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831	45 MIN	07	Yes	45 MIN/ NEW CARD READER	138B
139	BOARD ROOM	138	AV1	139	B	ETR	PTD	2' - 10"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		18			139
140	BOARD ROOM	138	AV2	140	B	ETR	PTD	2' - 10"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		18			140

DOOR PANEL TYPES



FRAME TYPES



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DISTRIBUTION

MILESTONE	DATE
PERMIT SET	5-7-2020
REV 1	8-7-2020

DOOR SCHEDULES - LEVEL 1

A-810

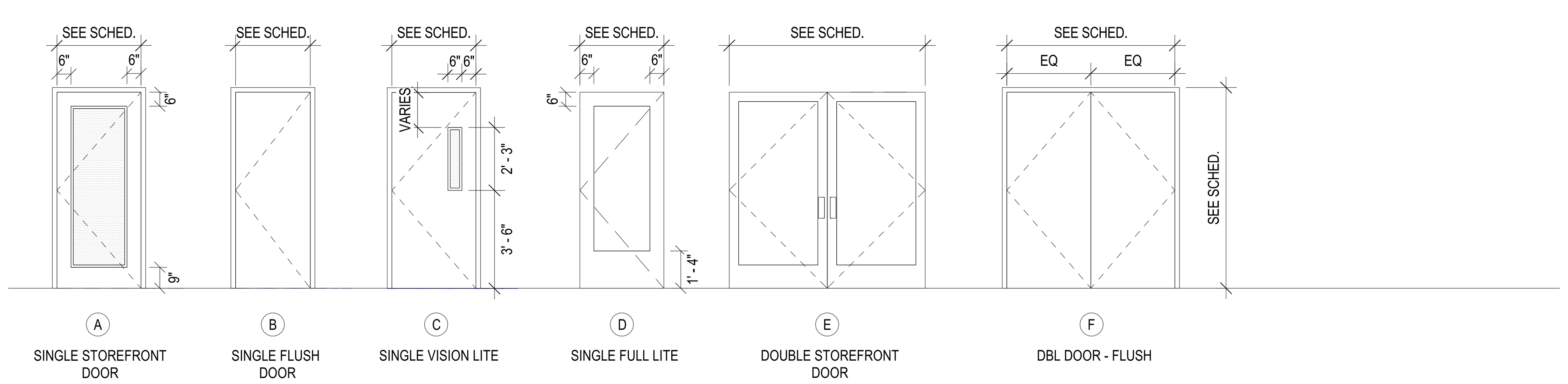
DOOR SCHEDULE - LEVEL 2

DOOR#	FROM ROOM	#	TO ROOM	#	DOOR TYPE	DOOR MAT'L	DOOR FINISH	DOOR NOMINAL SIZE WIDTH	DOOR NOMINAL SIZE HEIGHT	FRAME MAT'L	FRAME FINISH	FRAME TYPE	DETAIL/SHEET HEAD	DETAIL/SHEET JAMB	DETAIL/SHEET SILL	FIRE RATING	HARDWARE SET	CARD READER	COMMENTS	DOOR #
202	CORRIDOR	202	LOBBY	201	B	WD	ST	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	45 MIN	08A	No	45 MIN/ THIS DOOR MUST REMAIN UNLOCKED IN CASE OF FIRE	202
203	CORRIDOR	205	ELEC.	203	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			203
204	STAIR A	204	CORRIDOR	205	C	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	1 HR	18	Yes	1HR FOR VERTICAL SHAFT OPENING/ EXISTING CARD READER	204
205B	CORRIDOR	205	JAN	205B	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			205B
206	WOMEN'S RESTROOM	206	CORRIDOR	205	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			206
206B	WOMEN'S RESTROOM	206	CL	206B	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			206B
207	MEN'S RESTROOM	207	CORRIDOR	205	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			207
207B	MEN'S RESTROOM	207	CL	207B	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			207B
208	CORRIDOR	202	CORRIDOR	208	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831		08	Yes	NEW CARD READER	208
209	CITY	209	CORRIDOR	208	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			209
210	CITY	210	CORRIDOR	208	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	2/A-831	1/A-831	3/A-831		15		REUSE/ RELOCATE EXISTING OFFICE DOOR	210
211	OFFICE	211	CORRIDOR	208	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	2/A-831	1/A-831	3/A-831		15		REUSE/ RELOCATE EXISTING OFFICE DOOR	211
212	OFFICE	212	CORRIDOR	208	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	2/A-831	1/A-831	3/A-831		15		REUSE/ RELOCATE EXISTING OFFICE DOOR	212
213	OFFICE	213	CORRIDOR	217	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			213
215	BREAK	214	STORAGE	215	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831		12			215
218	OFFICE	218	CORRIDOR	217	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			218
219	OFFICE	219	CORRIDOR	217	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			219
220	OFFICE	220	CORRIDOR	217	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			220
223	STAIR B	223	ELEV. VESTIBULE	222	C	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	1 HR	18	Yes	1HR FOR VERTICAL SHAFT OPENING/ EXISTING CARD READER	223
224	OFFICE	224	CORRIDOR	221	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			224
225	CORRIDOR	221	MEETING ROOM	225	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		15			225
226	COMM.	226	CORRIDOR	221	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		18	Yes	NEW CARD READER	226
231	CORRIDOR	231	CORRIDOR	208	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	45 MIN	18	Yes	45 MIN/ EXISTING CARD READER	231
233A	SERVER ROOM	233	CORRIDOR	231	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		18	Yes	EXISTING CARD READER	233A
233B	SERVER ROOM	233	CORRIDOR	221	D	ETR	PTD	6' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	45 MIN	20	Yes	45 MIN/ NEW CARD READER	233B
234	CONTROL ROOM	234	CONFERENCE	243	B	ETR	ETR	3' - 0"	6' - 8"	ETR	ETR	ETR	ETR	ETR	ETR	45 MIN	18	Yes	EXISTING CARD READER AND MAGNETIC LOCK/ 45 MIN FRAME W/ WATER CURTAIN	234
243	CONFERENCE	243	LOBBY	201	F	WD	ST	6' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		02	Yes	EXISTING CARD READER AND MAGNETIC LOCK	243

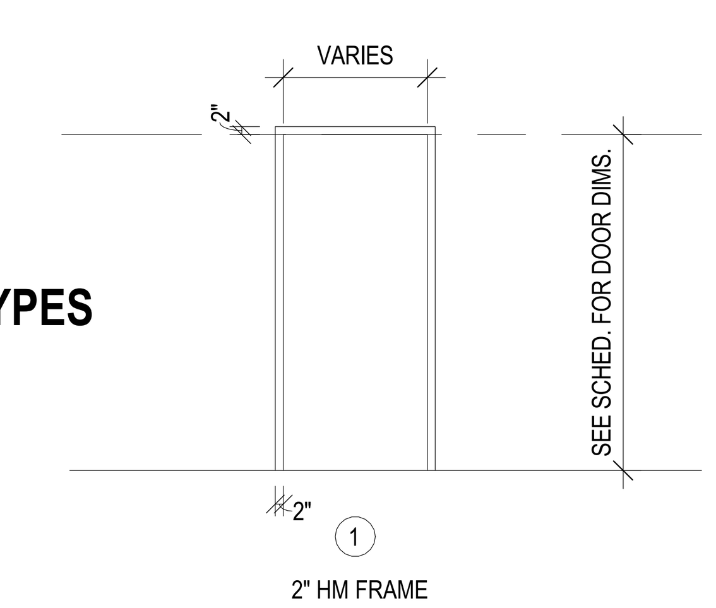
DOOR SCHEDULE - LEVEL 3

DOOR#	FROM ROOM	#	TO ROOM	#	DOOR TYPE	DOOR MAT'L	DOOR FINISH	DOOR NOMINAL SIZE WIDTH	DOOR NOMINAL SIZE HEIGHT	FRAME MAT'L	FRAME FINISH	FRAME TYPE	DETAIL/SHEET HEAD	DETAIL/SHEET JAMB	DETAIL/SHEET SILL	FIRE RATING	HARDWARE SET	CARD READER	COMMENTS	DOOR #
303	MAIL ROOM	303	CORRIDOR	311	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		18	Yes	EXISTING CARD READER	303
304	JAN	304	CORRIDOR	307	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			304
305	CORRIDOR	307	ELECT. ROOM	305	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			305
306	STAIR A	306	CORRIDOR	307	C	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	1 HR	18	Yes	1HR FOR VERTICAL SHAFT OPENING/ EXISTING CARD READER	306
308	WOMEN'S ROOM	308	CORRIDOR	307	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			308
309	MEN'S ROOM	309	CORRIDOR	307	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			309
310A	COPY ROOM	310	CORRIDOR	311	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	2/A-831	1/A-831	3/A-831		18		REUSE/ RELOCATE EXISTING OFFICE DOOR	310A
310B	STO	310B	COPY ROOM	310	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		19			310B
311A	CORRIDOR	311	RECEPTION AREA	301	B	WD	ST	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		08A	No	THIS DOOR MUST REMAIN UNLOCKED IN CASE OF FIRE	311A
311B	CORRIDOR	311	CORRIDOR	311	B	WD	ST	3' - 0"	6' - 8"	HM	PTD	1	2/A-831	1/A-831	3/A-831		10	Yes	NEW CARD READER	311B
314	OFFICE	314	CORRIDOR	313	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		14			314
315	OFFICE	315	CORRIDOR	313	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		14			315
316	OFFICE	316	CORRIDOR	313	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		14			316
317	EXEC. OFFICE	317	CORRIDOR	320	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		14			317
318	CORRIDOR	313	STORAGE	318	B	WD	ST	3' - 0"	7' - 0"	HM	PTD	1	2/A-831	1/A-831	3/A-831		13			318
319	CORRIDOR	313	CONFERENCE	319	A	ALUM/GL	FF	3' - 0"	7' - 0"	ALUM	FF	-	5/A-831	6/A-831	7/A-831		15			319
321	OFFICE	321	CORRIDOR	320	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		14			321
322	OFFICE	322	CORRIDOR	320	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		14			322
323	OFFICE	323	CORRIDOR	320	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		14			323
325	STAIR B	325	ELEV. VESTIBULE	324	C	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	1 HR	18	Yes	1HR FOR VERTICAL SHAFT OPENING/ EXISTING CARD READER	325
327	OFFICE	327	CORRIDOR	326	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		14			327
328	OFFICE	328	CORRIDOR	326	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR		14			328
329	OFFICE	329	CORRIDOR	334	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	2/A-831	1/A-831	3/A-831		14		REUSE/ RELOCATE EXISTING OFFICE DOOR	329
330	OFFICE	330	CORRIDOR	334	B	ETR	PTD	3' - 0"	6' - 8"	ETR	PTD	ETR	2/A-831	1/A-831	3/A-831		14		REUSE/ RELOCATE EXISTING OFFICE DOOR	330
332	CORRIDOR	326	OFFICE	332	A	ALUM/GL	FF	3' - 0"	7' - 0"	ALUM	FF	-	5/A-831	6/A-831	7/A-831		14			332
333	CORRIDOR	326	OFFICE	333	A	ALUM/GL	FF	3' - 0"	7' - 0"	ALUM	FF	-	5/A-831	6/A-831	7/A-831		19			333
338	CONFERENCE	338	RECEPTION AREA	301	D	WD	ST	6' - 0"	6' - 8"	ETR	PTD	ETR	ETR	ETR	ETR	45 MIN	02	Yes	EXISTING CARD READER AND MAGNETIC LOCK/ 45 MIN FRAME W/ WATER CURTAIN - VERIFY IN FEILD	338

DOOR PANEL TYPES



FRAME TYPES



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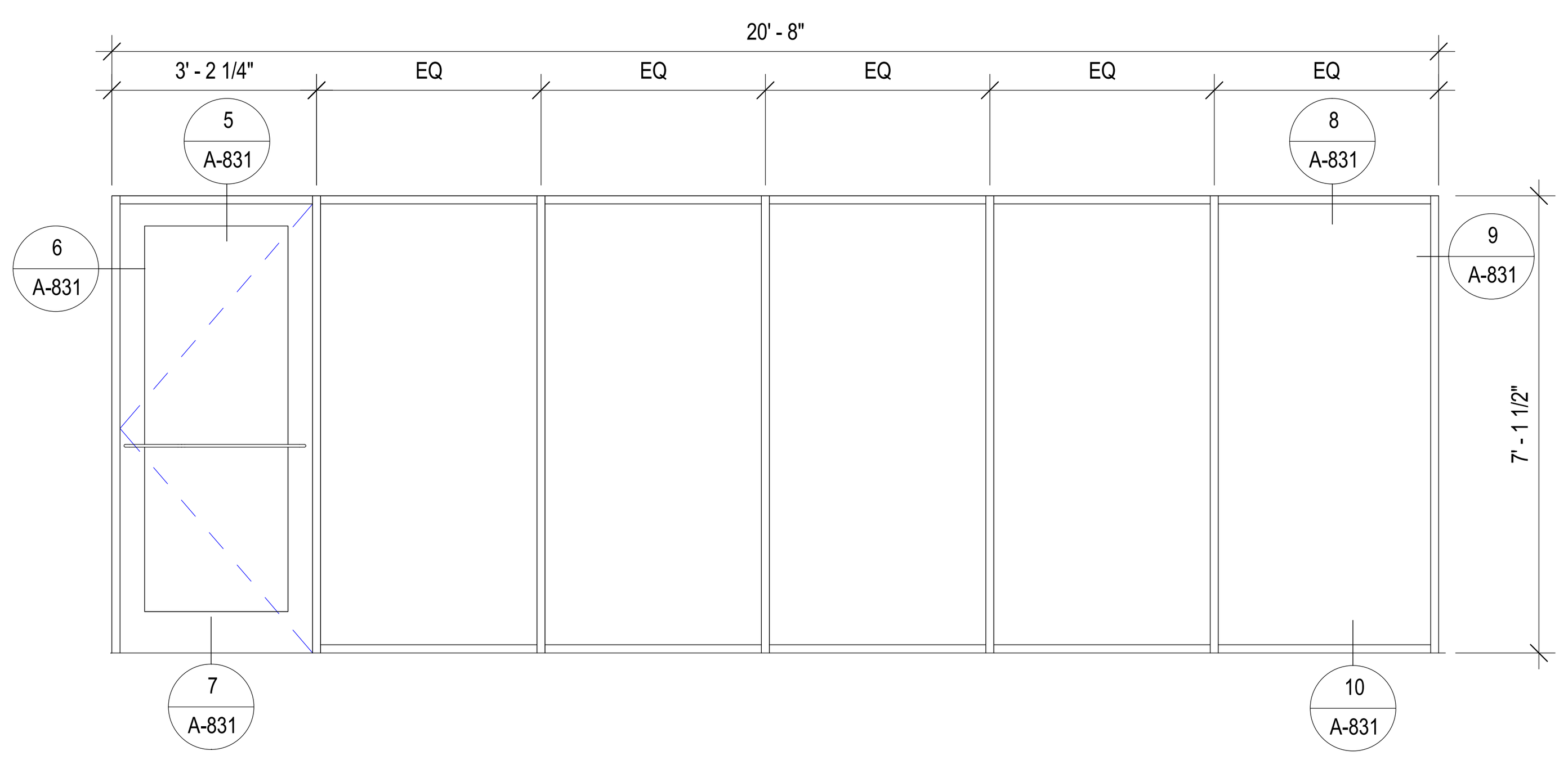
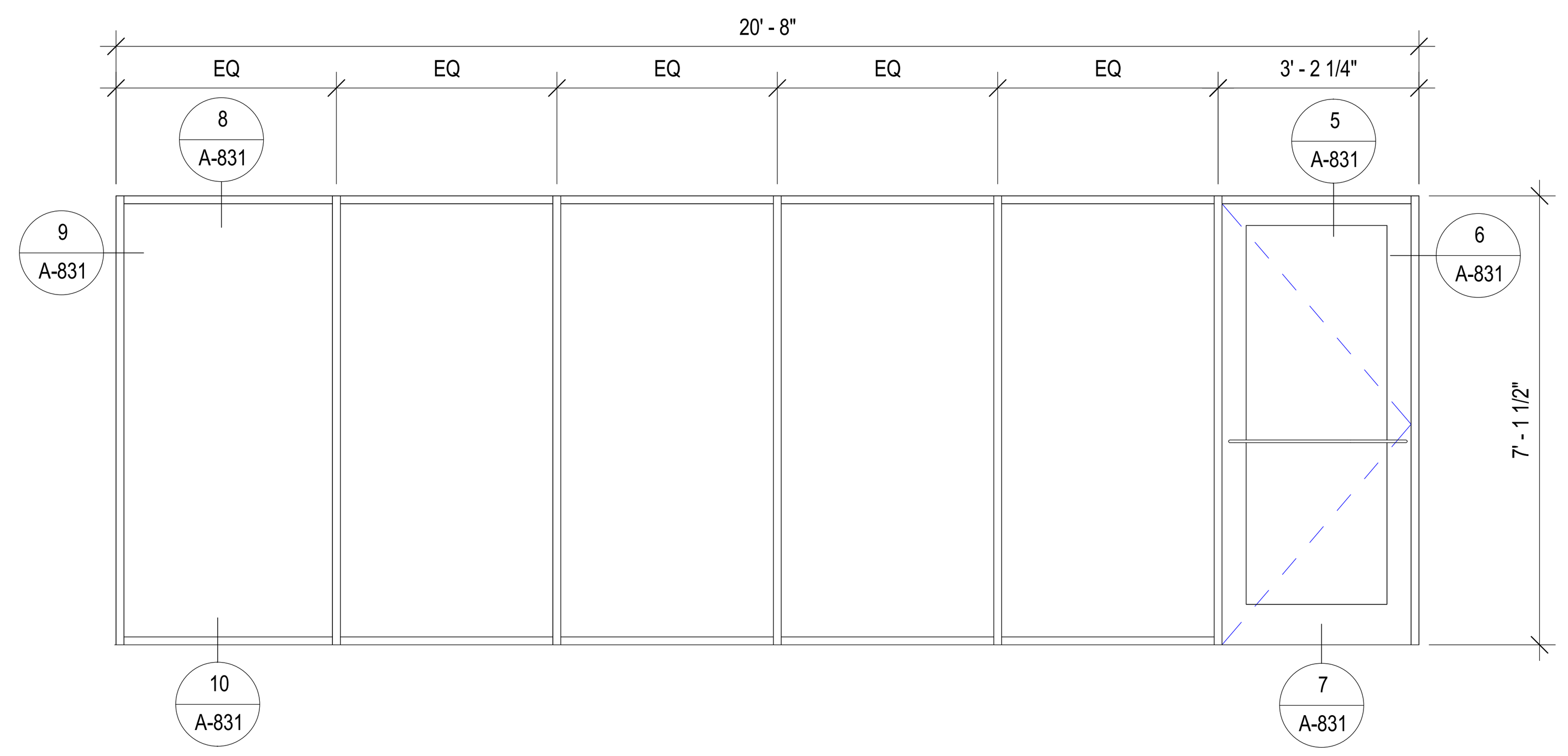
DOOR SCHEDULES - LEVEL 2 & 3

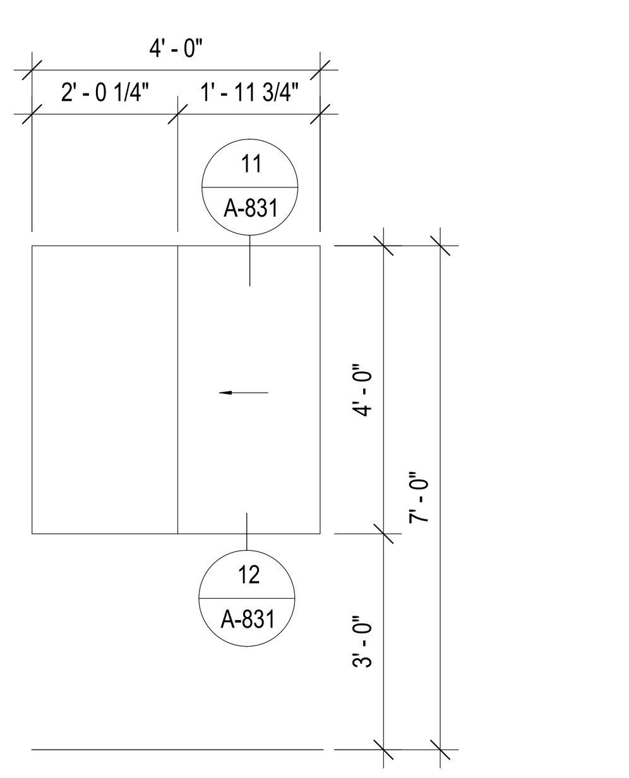
A-811



6 TYPE F
3/8" = 1'-0"



7 TYPE G
3/8" = 1'-0"



* VIEW FROM VISITOR SIDE - RIGHT PANEL SLIDES OPEN

10 TYPE K - PASS-THRU WINDOW
3/8" = 1'-0"

GENERAL NOTES:

1. THE OPENING DIMENSIONS INDICATED ON THESE DRAWINGS CONVEY DESIGN INTENT ONLY. FIELD MEASURE THE ACTUAL SIZE OF THE OPENINGS RECEIVING EACH ASSEMBLY, PROVIDE ASSEMBLIES SIZED AND CONFIGURED TO FIT SECURELY WITHIN THOSE OPENINGS, AND INSTALL THE ASSEMBLIES PER MANUFACTURER'S INSTRUCTIONS, WARRANTY REQUIREMENTS, AND THE INSTALLATION INSTRUCTIONS PROVIDED WITH THE PRODUCT APPROVAL DOCUMENTS.

2. INTERIOR GLAZING IN NON FIRE RATED LOCATIONS SHALL BE UNCOATED CLEAR HEAT-STRENGTHENED (FULLY TEMPERED) GLASS 1/2" THICK.

3. PROVIDE ONE-PART ACID-CURING SILICONE GLAZING SEALANT AND PERFORMED BUTYL-POLYISOBUTYLENE GLAZING TAPE.

BASIS OF DESIGN FOR INTERIOR STOREFRONT: CRL 487 SERIES FRAMED GLASS WALL OFFICE SYSTEM. COLOR SHALL BE MANUFACTURER'S CLEAR SATIN ANODIZED.

BASIS OF DESIGN FOR PASS-THRU WINDOW: CRL SHARYN FRAMELESS PASS-THRU WINDOW. PRE-GLAZED WITH 1/4" CLEAR TEMPERED GLASS. COLOR SHALL BE MANUFACTURER'S CLEAR SATIN ANODIZED.

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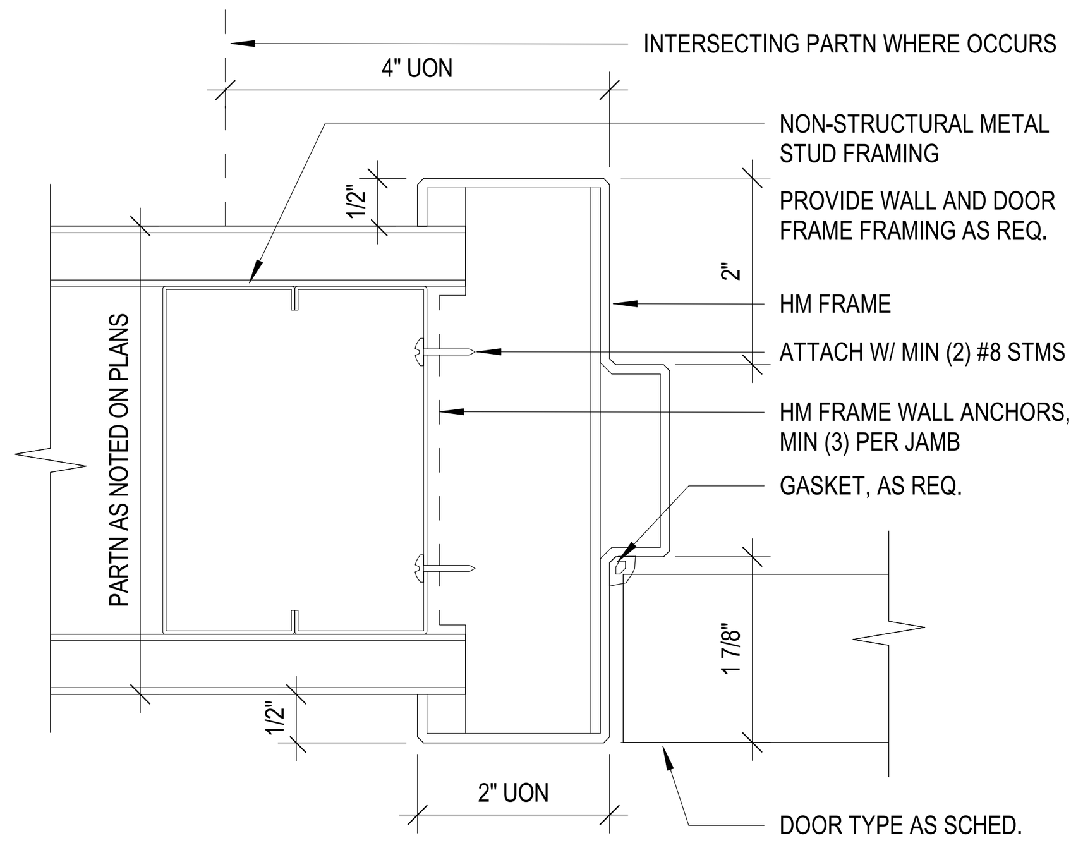
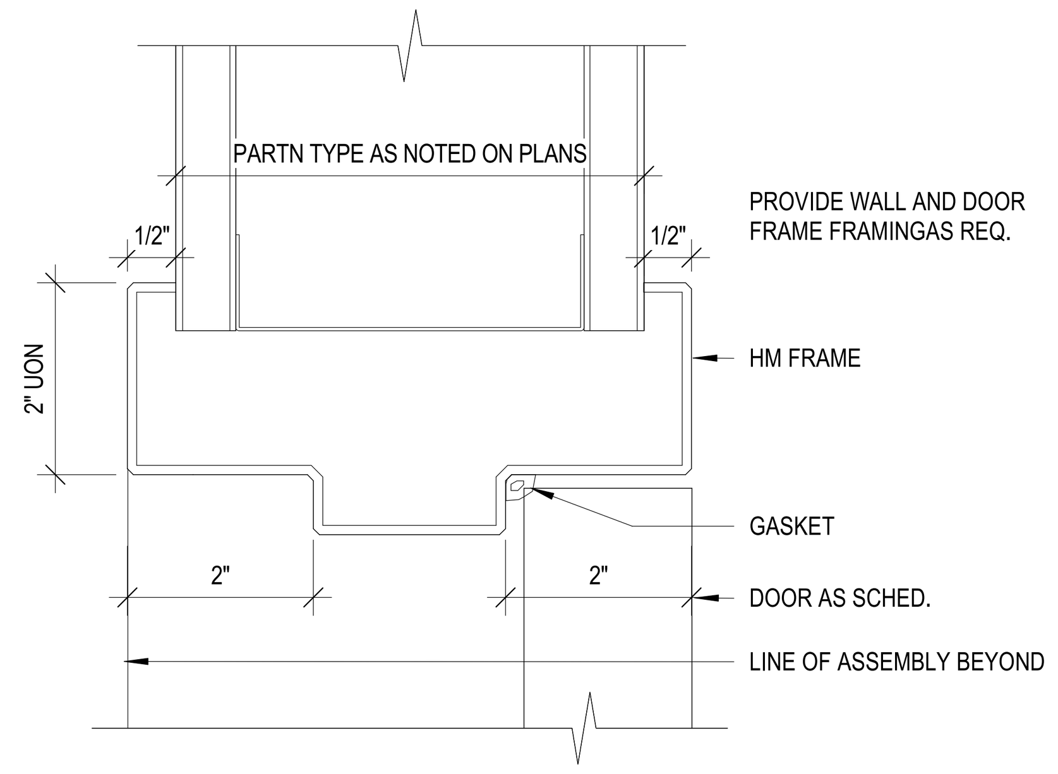
STOREFRONT ELEVATIONS

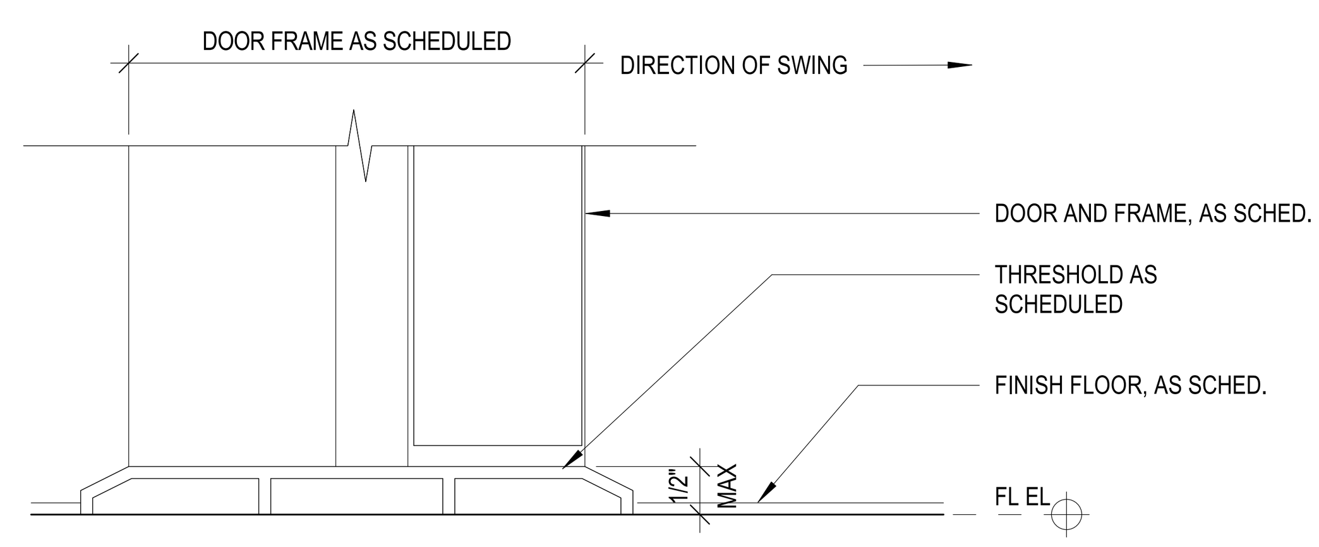
A-830



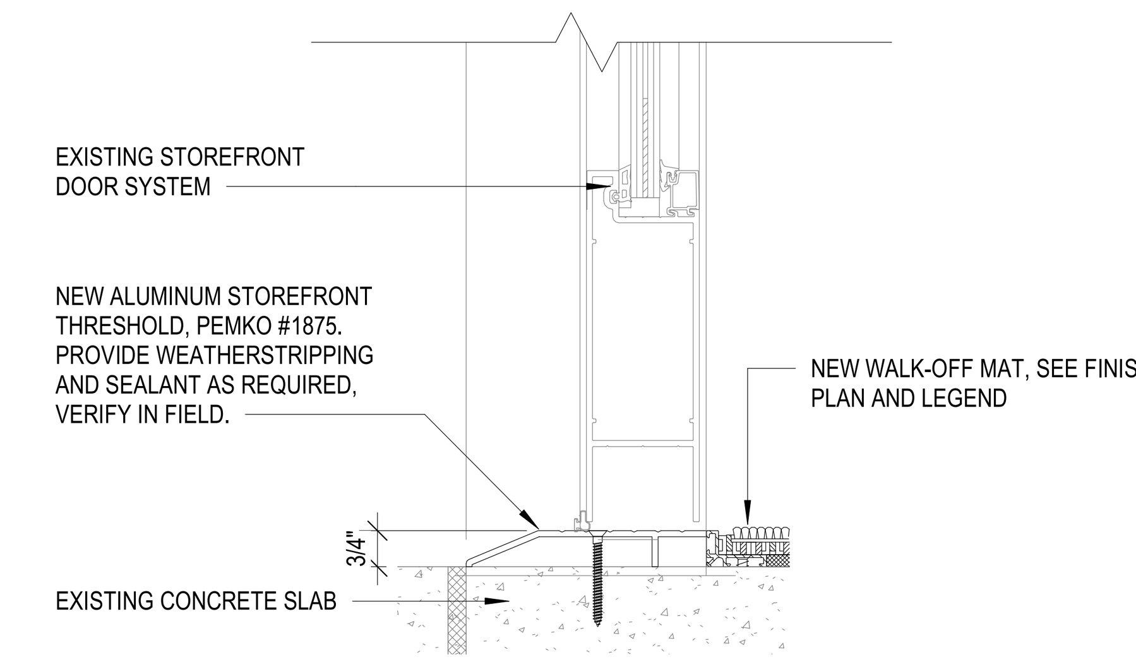
1 JAMB DETAIL
6" = 1'-0"



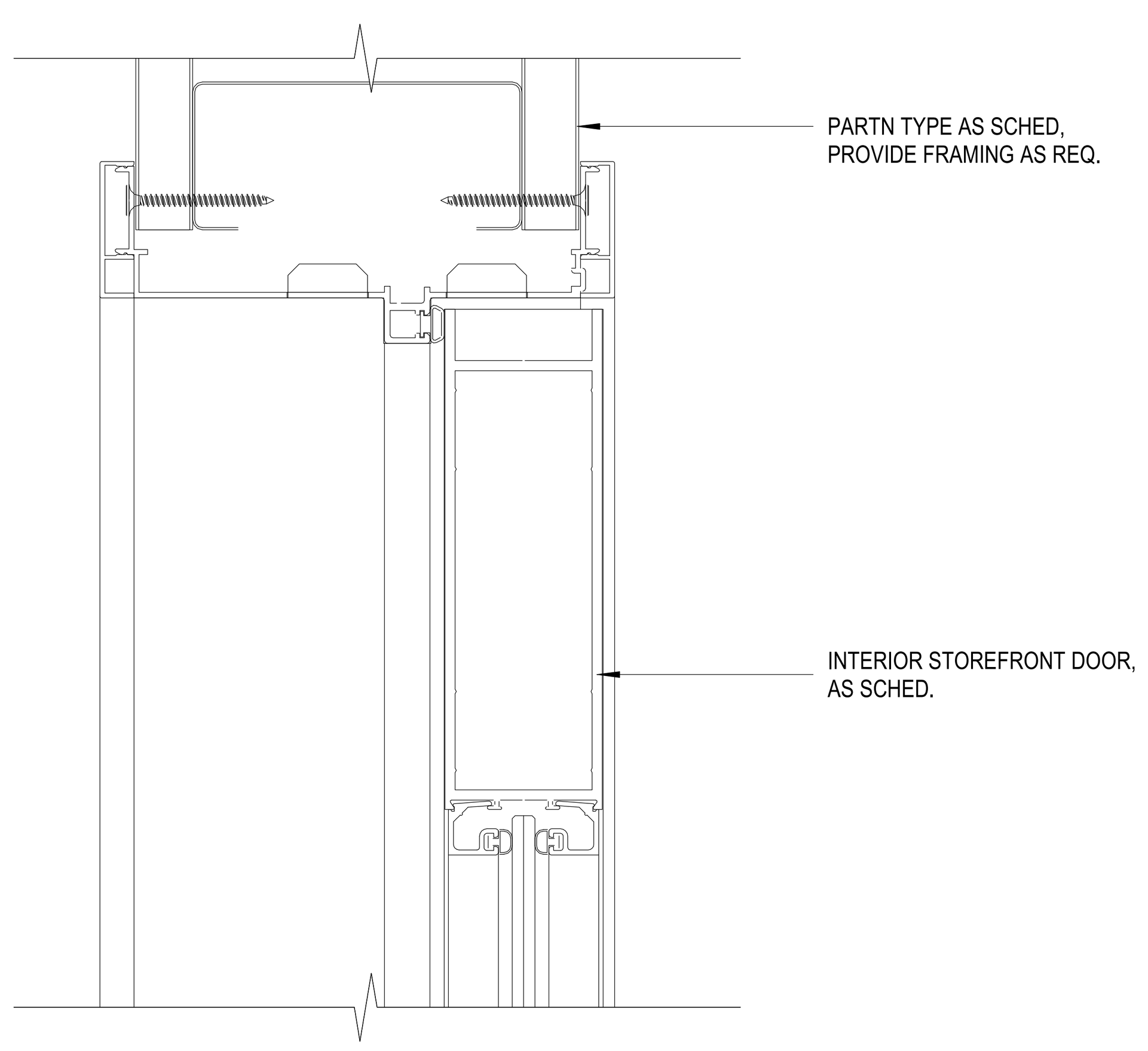
2 HEAD DETAIL
6" = 1'-0"



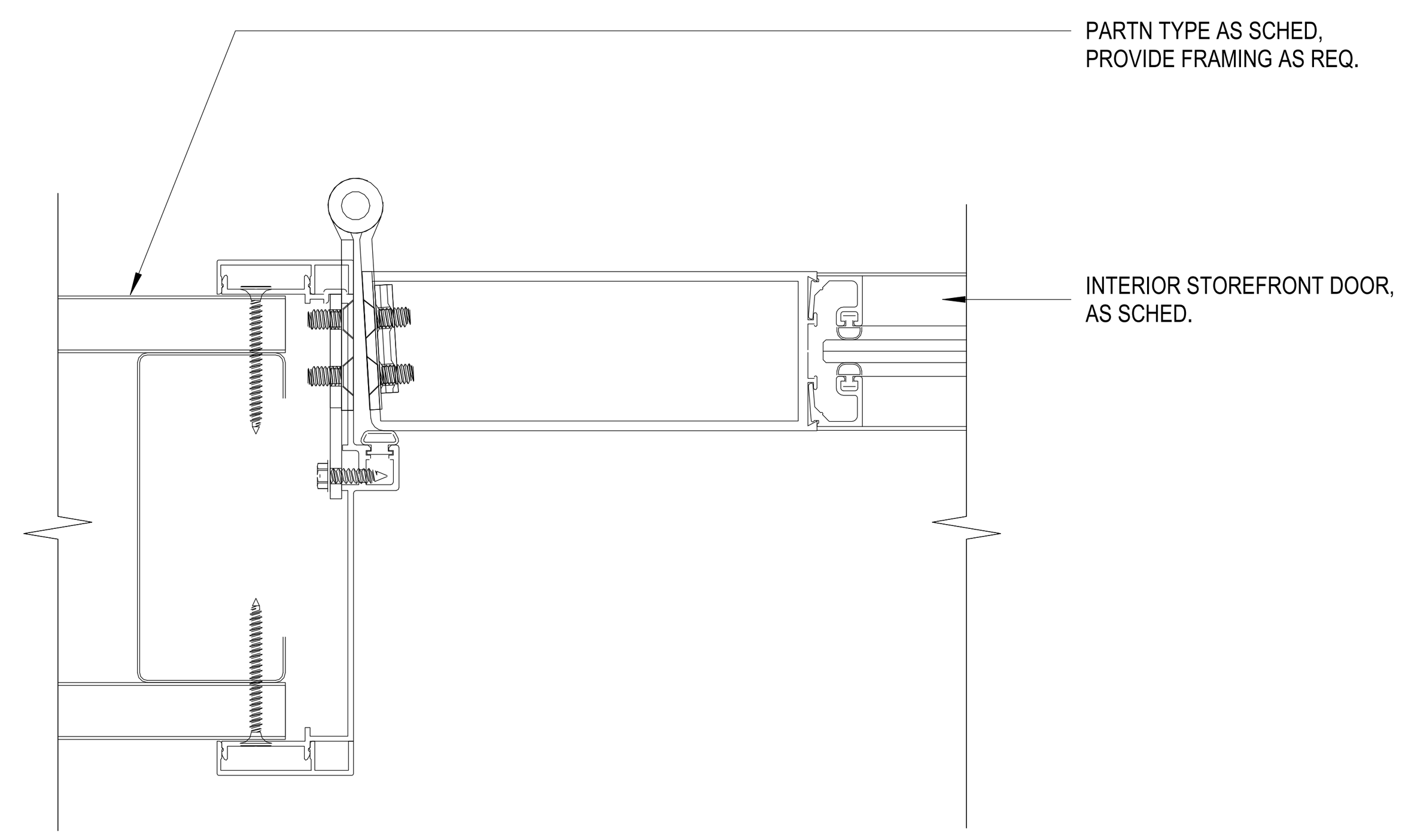
3 THRESHOLD - DOOR BOTTOM DETAIL
6" = 1'-0"



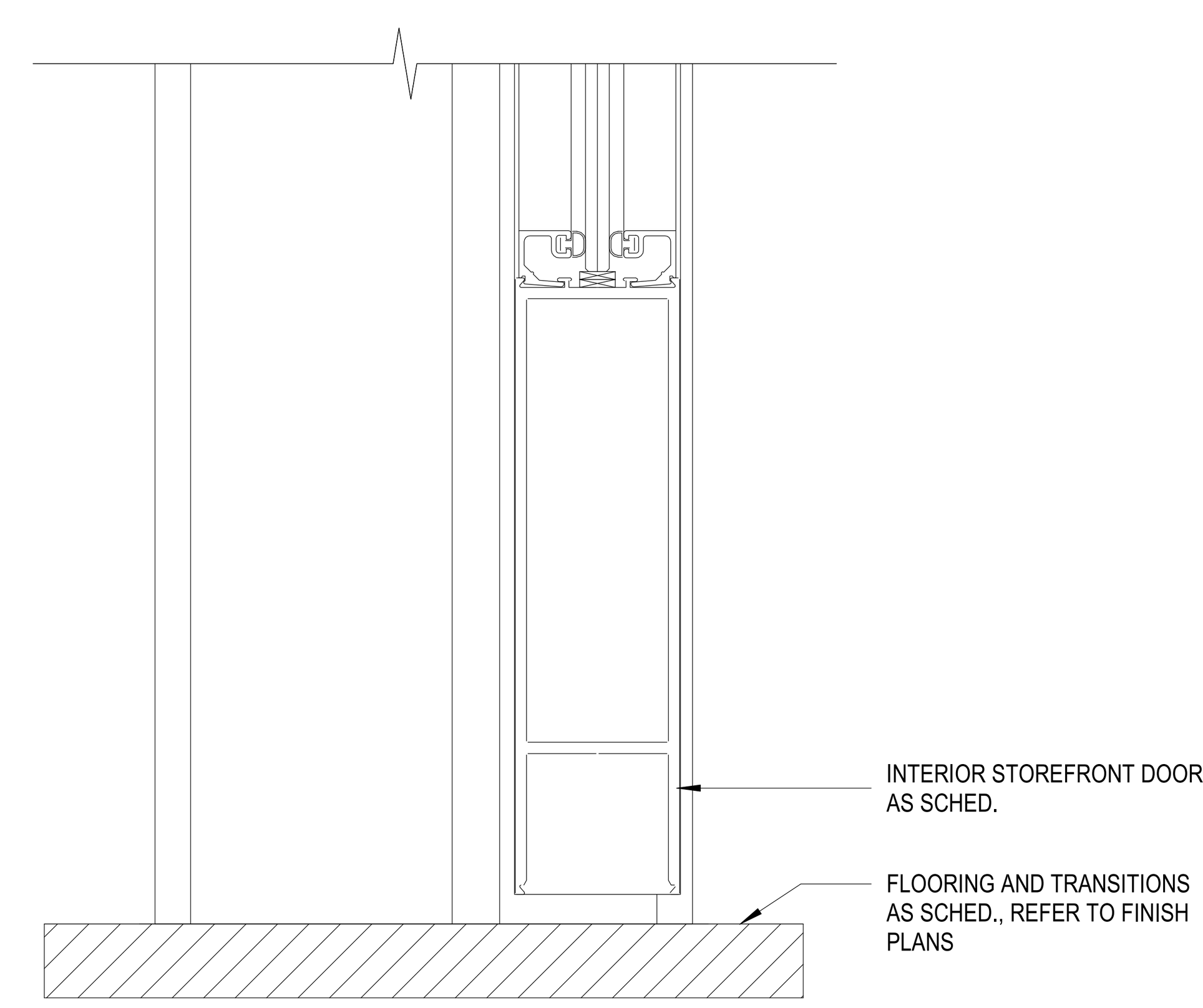
4 EXT STOREFRONT - DOOR THRESHOLD
3" = 1'-0"



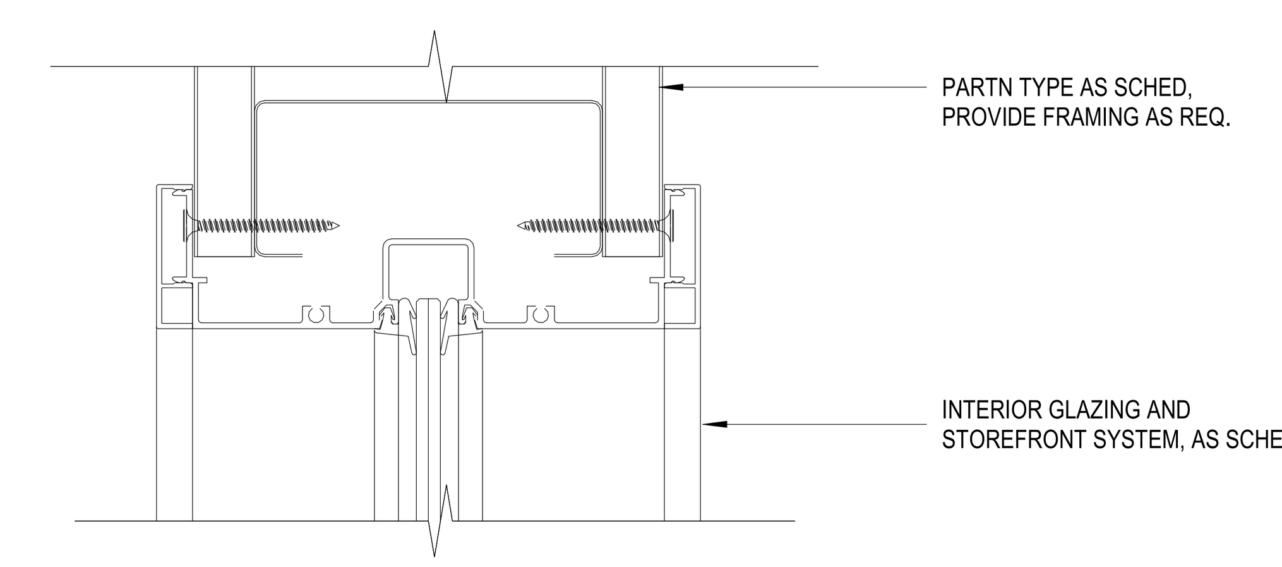
5 INT STOREFRONT DOOR HEAD
6" = 1'-0"



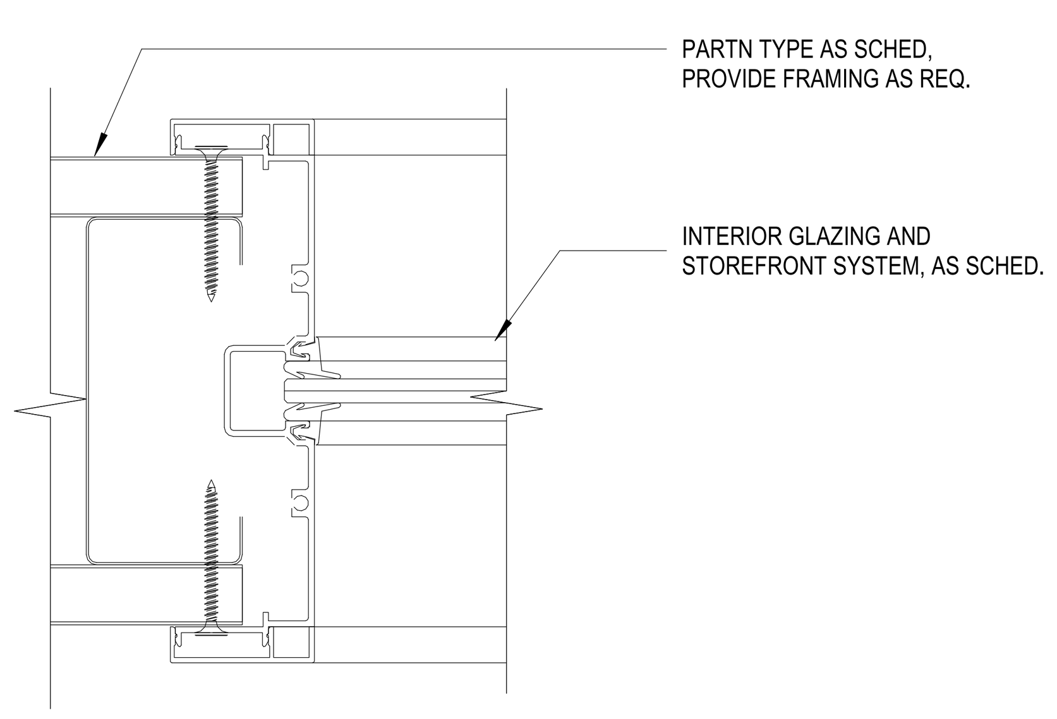
6 INT STOREFRONT DOOR JAMB
6" = 1'-0"



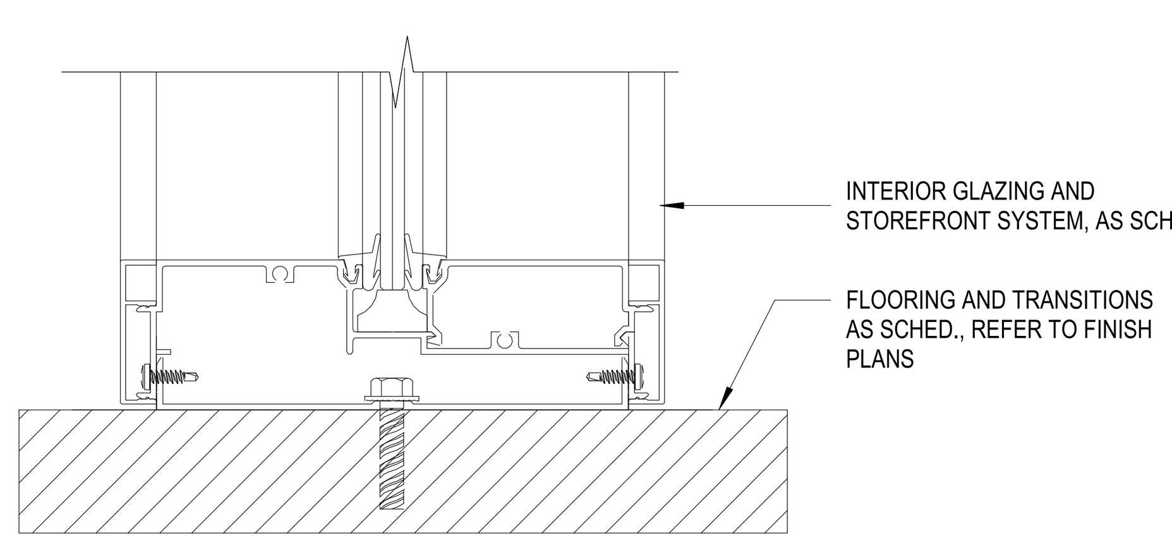
7 INT STOREFRONT DOOR SILL
6" = 1'-0"



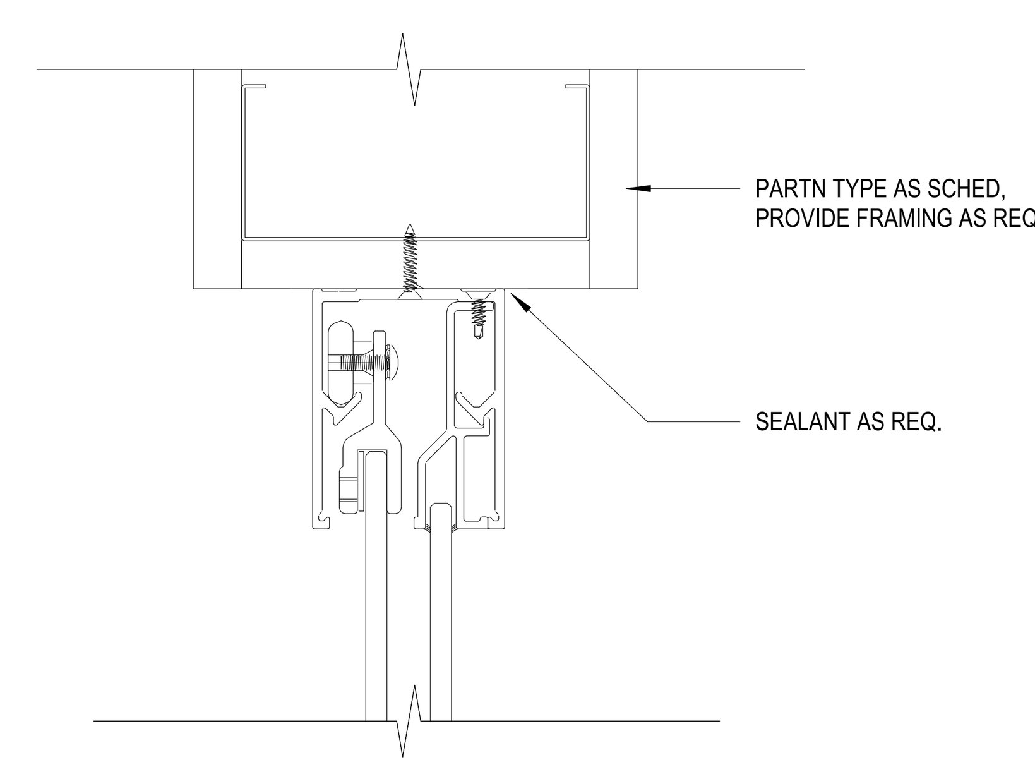
8 INT STOREFRONT HEAD
6" = 1'-0"



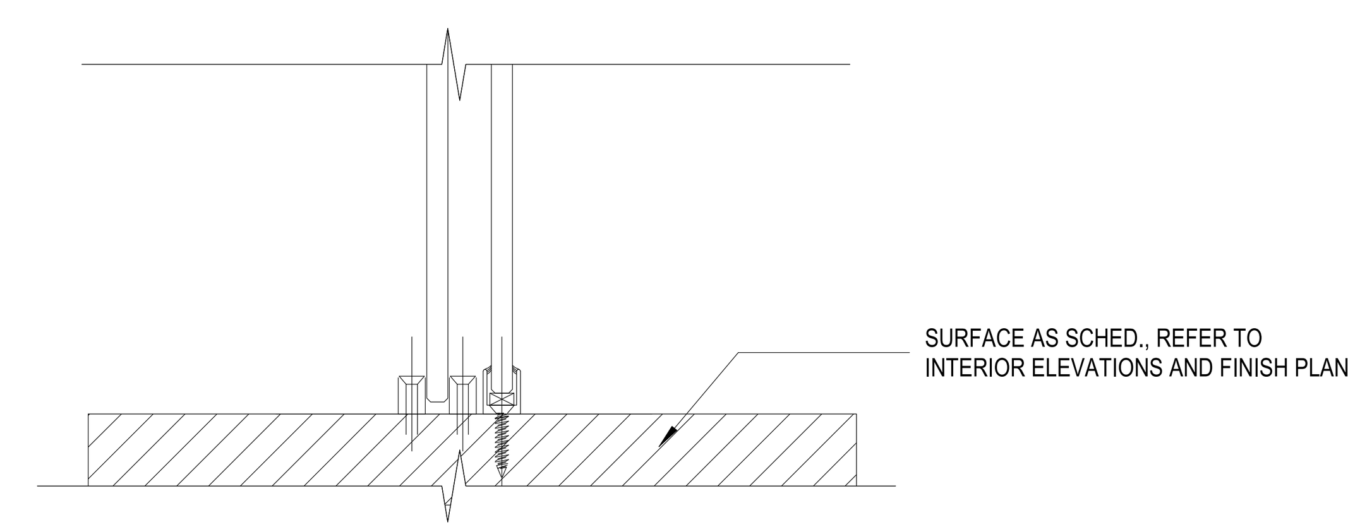
9 INT STOREFRONT JAMB
6" = 1'-0"



10 INT STOREFRONT SILL
6" = 1'-0"



11 INT PASS THRU DOOR HEAD
6" = 1'-0"



12 INT PASS THRU DOOR SILL
6" = 1'-0"

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DOOR AND STOREFRONT DETAILS

A-831

FINISH SCHEDULE - LEVEL 1

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	COMMENTS
LEVEL 1					
101	ENTRY LOBBY	WM-1/PFT-1/PFT-2	PFT-1	WC-1/WC-2/PT-1	REFER TO ELEVATIONS
102	ELEV	LVT-1			REFER TO SHEET A-415 FOR ELEVATIONS
103	ELEV EQUIP	--	--	--	
104	CORRIDOR	PFT-1/PFT-2	PFT-1	PT-1	
105	JAN		WB-1	PT-1	
106	STAIR A	PT-6		PT-5	
107	CORRIDOR	WM-1/PFT-1/PFT-2	PFT-1	PT-1	
108	WOMEN'S RESTROOM			PT-9	REFER TO ELEVATIONS
109	MEN'S RESTROOM			PT-9	REFER TO ELEVATIONS
110	WAITING	PFT-1/PFT-2	PFT-1	PT-1	
111	BREAK ROOM	LVT-1	WB-1	PT-1/CWT-1	
112	CORRIDOR	LVT-1	WB-1	PT-1	
113	CONFERENCE	CPT-2	WB-1	PT-1/WC-4	
114	CUSTOMER HELP	LVT-1	WB-1	PT-1	

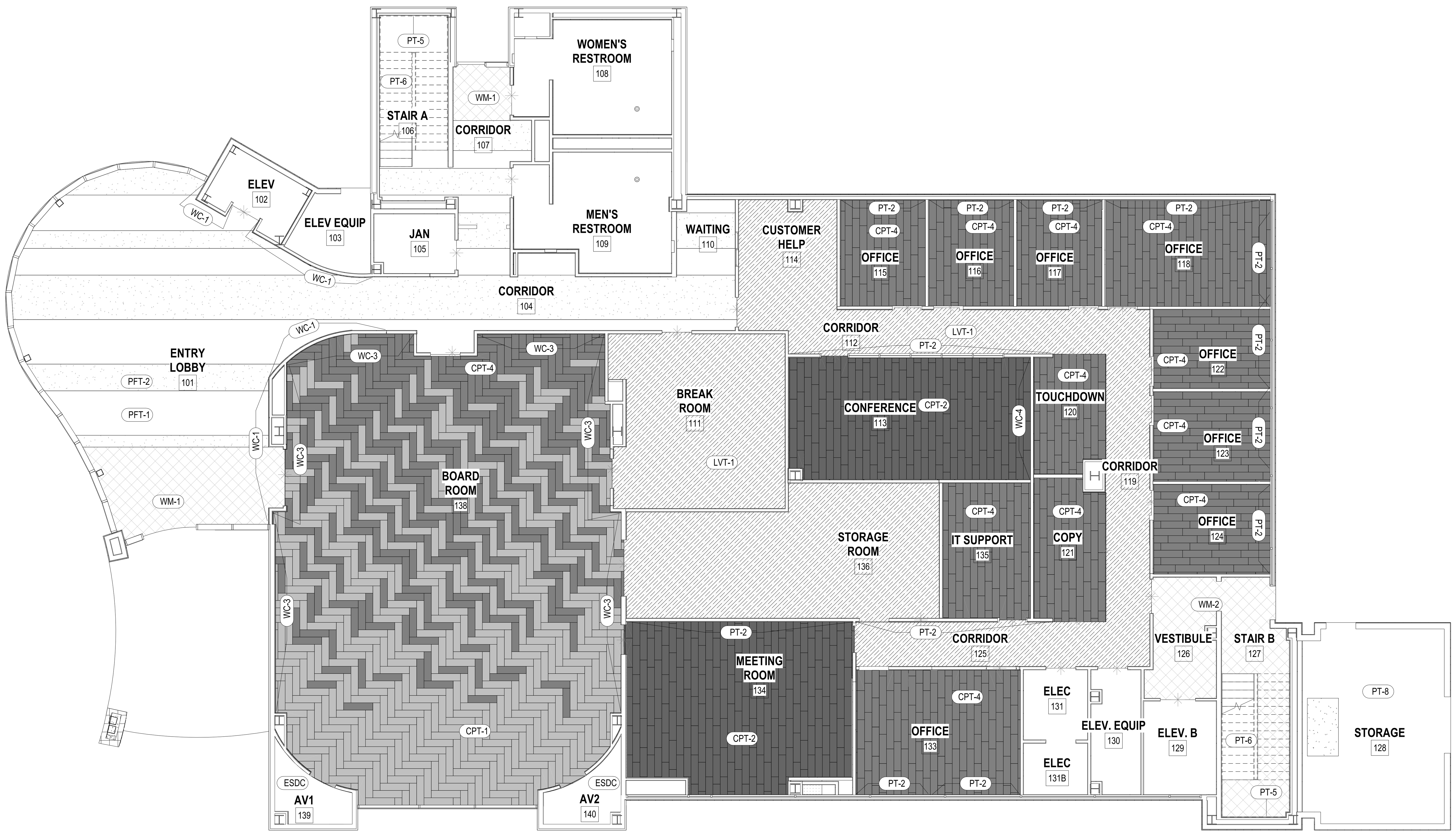
FINISH SCHEDULE - LEVEL 1

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	COMMENTS
115	OFFICE	CPT-4	WB-1	PT-1/PT-2	
116	OFFICE	CPT-4	WB-1	PT-1/PT-2	
117	OFFICE	CPT-4	WB-1	PT-1/PT-2	
118	OFFICE	CPT-4	WB-1	PT-1/PT-2	
119	CORRIDOR	LVT-1	WB-1	PT-1	
120	TOUCHDOWN	CPT-4	WB-1	PT-1/PT-2	REFER TO ELEVATIONS
121	COPY	CPT-4	WB-1	PT-1/PT-2	REFER TO ELEVATIONS
122	OFFICE	CPT-4	WB-1	PT-1/PT-2	
123	OFFICE	CPT-4	WB-1	PT-1/PT-2	
124	OFFICE	CPT-4	WB-1	PT-1/PT-2	
125	CORRIDOR	LVT-1	WB-1	PT-1/PT-2	
126	VESTIBULE	WM-2	WB-1	PT-1	
127	STAIR B	WM-2/PT-6		PT-5	SEE FINISH PLAN
128	STORAGE	SC	WB-1	PT-1	
129	ELEV. B	--			REFER TO SHEET A-415 FOR ELEVATIONS
130	ELEV. EQUIP	--	--	--	
131	ELEC	--	--	--	

FINISH SCHEDULE - LEVEL 1

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	COMMENTS
131B	ELEC	--	--	--	
133	OFFICE	CPT-4	WB-1	PT-1/PT-2	
134	MEETING ROOM	CPT-2	WB-1	PT-1/PT-2	
135	IT SUPPORT	CPT-4	WB-1	PT-1/PT-2	
136	STORAGE ROOM	LVT-1	WB-1	PT-1	
138	BOARD ROOM	CPT-1/CPT-4	WB-1	PT-1/WC-3	REFER TO ELEVATIONS
139	AV1	ESDC	WB-1	PT-1	
140	AV2	ESDC	WB-1	PT-1	

NOTE: COORDINATE WITH OWNER PRIOR TO REMOVAL OF CARPET AND INSTALLATION OF ESDC CARPET ON ALL ROOMS INDICATED WITH ESDC CARPET.



1 LEVEL 1 -FINISH PLAN
1/8" = 1'-0"

GENERAL NOTES - INTERIORS

1. ALL EXPOSED SURFACES SHALL BE FINISHED. VERIFY FINISH WITH THE INTERIOR DESIGNER WHERE THE FINISH IS NOT INDICATED OR IS UNCLEAR.

2. ALL FLOOR FINISH CHANGES SHALL OCCUR UNDER THE CENTERLINE OF DOORS IN THE CLOSED POSITION. ALL FLOORING TO RUN UNDERNEATH MILLWORK, DOOR REVEALS, CLOSETS AND SIMILAR OPENINGS. SCRIBE, CUT AND FIT FLOORING TO PIPES, PERMANENT FIXTURES AND FLOOR RECEPTACLES PRIOR TO INSTALLATION.

3. STAIRWELL: PAINT METAL PAN, METAL STRINGERS, GUARDRAILS, UNDERSIDE OF STAIRS AND HANDRAIL PT-6

4. PAINT HOLLOW METAL DOOR FRAMES P-3 OR TO MATCH ADJACENT WALL WHERE NOTED.

5. PAINT INTERIOR HOLLOW METAL DOOR PT- 3.

6. WINDOW SILLS REMAIN AS IS, REPAIR/REPLACE AS NEEDED.

7. FINISHES FOR MAIN & FREIGHT ELEVATORS: (SEE SPECIFICATIONS)
   FLOOR: **LVT-1**
   PANELED WALLS:
   HANDRAILS:
   CEILING: SEE RCP

8. 803.1.1 "INTERIOR WALL AND CEILING FINISH MATERIALS"
   INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84 OR UL 723. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDEXES.
   CLASS A = FLAME SPREAD INDEX 0-25; SMOKE-DEVELOPED INDEX 0-450.
   CLASS B = FLAME SPREAD INDEX 26-75; SMOKE-DEVELOPED INDEX 0-450.
   CLASS C = FLAME SPREAD INDEX 76-200; SMOKE-DEVELOPED INDEX 0-450.
   (EXCEPTION: MATERIALS TESTED IN ACCORDANCE WITH SECTION 803.1.2)

   TABLE 803.9 "INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY" (REF. SHEET G-103)

9. FLOORING TRANSITIONS OCCURRING IN THE DOORWAY TO BE CENTERED ON THE CLOSED DOOR WITH THE TRANSITION STRIP NOT VISIBLE. FOLLOW FLORIDA BUILDING CODE REQUIREMENTS ON ACCESSIBILITY (SECTION 303 - CHANGES IN LEVEL FOR ALL ADA REQUIREMENTS).
   FLOORING TRANSITIONS:
   PFT TO CPT: SCHLUTER SYSTEM; STYLE: RENO TK; FINISH: ANODIZED ALUMINUM
   PFT TO CS: SCHLUTER SYSTEM; STYLE: SCHIENE; FINISH: ANODIZED ALUMINUM

   PFT TO LVT: SCHLUTER; STYLE: RENO TK; COLOR: ANODIZED ALUMINUM
   CPT TO LVT: JOHNSONITE; STYLE: CD-XX; COLOR: TBD
   LVT TO CS: JOHNSONITE; STYLE: CRS-XX-AA; COLOR: TBD
   CPT TO CPT: JOHNSONITE; STYLE: CDX-XX; COLOR: TBD

10. ALL EXISTING CARPET TO BE RECYCLED BY INTERFACE, COORDINATE WITH LOCAL INTERFACE REPRESENTATIVE FOR DETAILS.

11. ALL WALL OUTLETS THAT ARE ON AN ACCENT WALL SHALL BE PROVIDED WITH COVERS THAT MATCH THE COLOR OF THE WALL.

12. PROVIDE COORDINATION FOR RE-FRAMING OF MEMORABILIA AT DESIGNATED LOCATIONS. COORDINATE WITH OWNER AND DESIGNER AS REQUIRED.

13. PROVIDE A 5% OF ATTIC STOCK OR AS PER SPECIFICATIONS AMOUNT REQUIRED.

FLOOR TRANSITION

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LEVEL 1 - FINISH PLAN

ID-101

FINISH SCHEDULE - LEVEL 2					
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	COMMENTS
LEVEL 2					
201	LOBBY	LVT-1	WB-1	PT-1	
202	CORRIDOR	LVT-1	WB-1	PT-1	
203	ELEC.	--	WB-1	PT-1	
204	STAIR A	PT-6		PT-5	
205	CORRIDOR	LVT-1	WB-1	PT-1	
205B	JAN	--	WB-1	PT-1	
206	WOMEN'S RESTROOM	--	--	PT-9	REFER TO ELEVATIONS
206B	CL	--	--	PT-9	
207	MEN'S RESTROOM	--	--	PT-9	REFER TO ELEVATIONS
207B	CL	PFT3	PFT-4	PT-1	
208	CORRIDOR	LVT-1	WB-1	PT-1	
209	CITY	CPT-4	WB-1	PT-1/PT-2	
210	CITY	CPT-4	WB-1	PT-1/PT-2	
211	OFFICE	CPT-4	WB-1	PT-1/PT-2	
212	OFFICE	CPT-4	WB-1	PT-1/PT-2	
213	OFFICE	CPT-4	WB-1	PT-1/PT-2	
214	BREAK	LVT-1	WB-1	PT-1/CWT-1	
215	STORAGE	LVT-1	WB-1	PT-1	

FINISH SCHEDULE - LEVEL 2					
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	COMMENTS
216	MIRA	CPT-1/CPT-2	WB-1	PT-1/PT-2	
217	CORRIDOR	LVT-1	WB-1	PT-1	
218	OFFICE	CPT-4	WB-1	PT-1/PT-2	
219	OFFICE	CPT-4	WB-1	PT-1/PT-2	
220	OFFICE	CPT-4	WB-1	PT-1/PT-2	
221	CORRIDOR	LVT-1	WB-1	PT-1	
222	ELEV. VESTIBULE	LVT-1	WB-1	PT-1	
223	STAIR B	PT-6		PT-5	
224	OFFICE	CPT-4	WB-1	PT-1/PT-2	
225	MEETING ROOM	CPT-4	WB-1	PT-1/PT-2	
226	COMM.	ESDC	WB-1	PT-1	
227	COPIER	LVT-1	WB-1	PT-1/PT-2	
231	CORRIDOR	ESDC	WB-1	PT-1	
232	TECH II	CPT-5	WB-1	PT-1	
233	SERVER ROOM	ESDC	WB-1	PT-1	
234	CONTROL ROOM	CPT-5	WB-1	PT-1/PT-2	
235	TECH IV	CPT-5	WB-1	PT-1	
236	TECH III	CPT-5	WB-1	PT-1	
237	TECH III	CPT-5	WB-1	PT-1	
238	ENG IV	CPT-5	WB-1	PT-1/PT-7	

FINISH SCHEDULE - LEVEL 2					
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	COMMENTS
239	TECH IV	CPT-5	WB-1	PT-1	
240	TECH III	CPT-5	WB-1	PT-1	
241	TECH III	CPT-5	WB-1	PT-1	
242	ENG III	CPT-5	WB-1	PT-1/PT-7	
243	CONFERENCE	CPT-2	WB-1	PT-1/WC-4	REFER TO ELEVATIONS

NOTE: COORDINATE WITH OWNER PRIOR TO REMOVAL OF CARPET AND INSTALLATION OF ESDC CARPET ON ALL ROOMS INDICATED WITH ESDC CARPET.

GENERAL NOTES - INTERIORS

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3. STAIRWELL: PAINT METAL PAN, METAL STRINGERS, GUARDRAILS, UNDERSIDE OF STAIRS AND HANDRAIL PT-6
4. PAINT HOLLOW METAL DOOR FRAMES P-3 OR TO MATCH ADJACENT WALL WHERE NOTED.
5. PAINT INTERIOR HOLLOW METAL DOOR PT- 3.
6. WINDOW SILLS REMAIN AS IS, REPAIR/REPLACE AS NEEDED.
7. FINISHES FOR MAIN & FREIGHT ELEVATORS: (SEE SPECIFICATIONS)
   FLOOR: **LVT-1**
   PANELED WALLS:
   HANDRAILS:
   CEILING: SEE RCP
8. 803.1.1 "INTERIOR WALL AND CEILING FINISH MATERIALS"
   INTERIOR WALL AND CEILING FINISH MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM E 84 OR UL 723. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD AND SMOKE-DEVELOPED INDEXES.
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   (EXCEPTION: MATERIALS TESTED IN ACCORDANCE WITH SECTION 803.1.2)

   TABLE 803.9 "INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY" (REF. SHEET G-103)
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   FLOORING TRANSITIONS:
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   PFT TO CS: SCHLUTER SYSTEM; STYLE: SCHIENE; FINISH: ANODIZED ALUMINUM

   PFT TO LVT: SCHLUTER; STYLE: RENO TK; COLOR: ANODIZED ALUMINUM
   CPT TO LVT: JOHNSONITE; STYLE: CD-XX; COLOR: TBD
   LVT TO CS: JOHNSONITE; STYLE: CRS-XX-AA; COLOR: TBD
   CPT TO CPT: JOHNSONITE; STYLE: CDX-XX; COLOR: TBD
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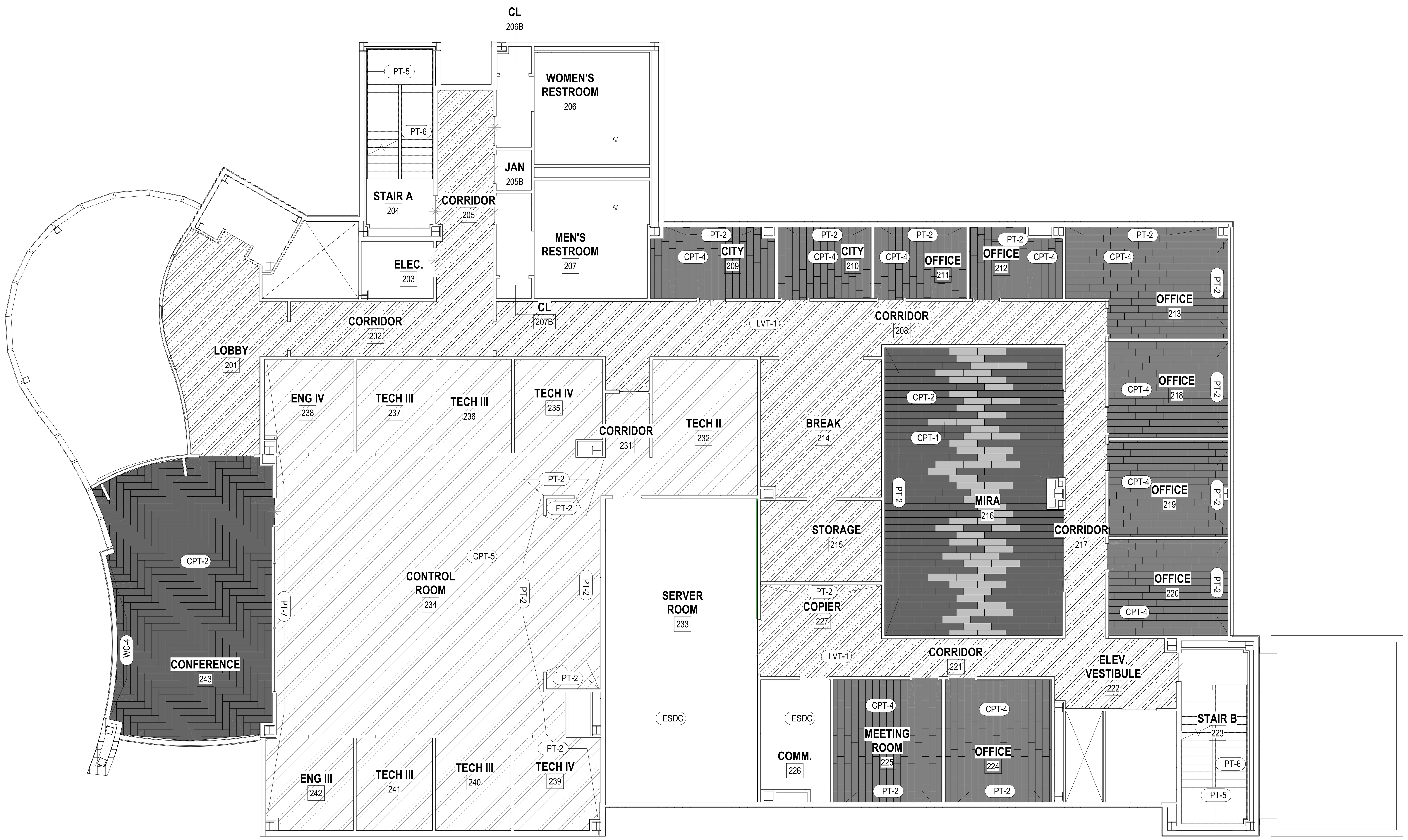
FLOOR TRANSITION



1 LEVEL 2 - FINISH PLAN
1/8" = 1'-0"

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LEVEL 2 - FINISH PLAN

ID-102

FINISH SCHEDULE - LEVEL 3					
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	COMMENTS
LEVEL 3					
301	RECEPTION AREA	LVT-1	WB-1	PT-1	
302	ADMIN ASSIST	LVT-1	WB-1	PT-1	
303	MAIL ROOM	LVT-1	WB-1	PT-1	
304	JAN	--	WB-1	PT-1	
305	ELECT. ROOM	--	WB-1	PT-1	
306	STAIR A	PT-6		PT-5	
307	CORRIDOR	LVT-1	WB-1	PT-1	
308	WOMEN'S ROOM	--	--	PT-9	REFER TO ELEVATIONS
309	MEN'S ROOM	--	--	PT-9	REFER TO ELEVATIONS
310	COPY ROOM	LVT-1	WB-1	PT-1	
310B	STO	LVT-1	WB-1	PT-1	
311	CORRIDOR	LVT-1	WB-1	PT-1	
312	BREAK ROOM	LVT-1	WB-1	PT-1/CWT-1	
313	CORRIDOR	LVT-1	WB-1	PT-1	

FINISH SCHEDULE - LEVEL 3					
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	COMMENTS
314	OFFICE	CPT-4	WB-1	PT-1/PT-2	
315	OFFICE	CPT-4	WB-1	PT-1/PT-2	
316	OFFICE	CPT-4	WB-1	PT-1/PT-2	
317	EXEC. OFFICE	CPT-4	WB-1	PT-1/PT-2	
318	STORAGE	LVT-1	WB-1	PT-1	
319	CONFERENCE	CPT-2	WB-1	PT-1/WC-4	
320	CORRIDOR	LVT-1	WB-1	PT-1	
321	OFFICE	CPT-4	WB-1	PT-1/PT-2	
322	OFFICE	CPT-4	WB-1	PT-1/PT-2	
323	OFFICE	CPT-4	WB-1	PT-1/PT-2	
324	ELEV. VESTIBULE	LVT-1	WB-1	PT-1	
325	STAIR B	PT-6		PT-5	
326	CORRIDOR	LVT-1	WB-1	PT-1	
327	OFFICE	CPT-4	WB-1	PT-1/PT-2	
328	OFFICE	CPT-4	WB-1	PT-1/PT-2	

FINISH SCHEDULE - LEVEL 3					
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	COMMENTS
329	OFFICE	CPT-4	WB-1	PT-1/PT-2	
330	OFFICE	CPT-4	WB-1	PT-1/PT-2	
331	WORKSTATION	CPT-4	WB-1	PT-1/PT-2	
332	OFFICE	CPT-4	WB-1	PT-1/PT-2	
333	OFFICE	CPT-4	WB-1	PT-1/PT-2	
334	CORRIDOR	LVT-1	WB-1	PT-1/PT-2	
335	WORKSTATION	CPT-5	WB-1	PT-1	
336	WORKSTATION	CPT-4	WB-1	PT-1	
337	WORKSTATION	CPT-4	WB-1	PT-1	
338	CONFERENCE	CPT-2	WB-1	PT-1/WC-4	

1 LEVEL 3 - FINISH PLAN
1/8" = 1'-0"

GENERAL NOTES - INTERIORS

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3. STAIRWELL: PAINT METAL PAN, METAL STRINGERS, GUARDRAILS, UNDERSIDE OF STAIRS AND HANDRAIL PT-6

4. PAINT HOLLOW METAL DOOR FRAMES P-3 OR TO MATCH ADJACENT WALL WHERE NOTED.

5. PAINT INTERIOR HOLLOW METAL DOOR PT- 3.

6. WINDOW SILLS REMAIN AS IS, REPAIR/REPLACE AS NEEDED.

7. FINISHES FOR MAIN & FREIGHT ELEVATORS: (SEE SPECIFICATIONS)
FLOOR: **LVT-1**
PANELED WALLS:
HANDRAILS:
CEILING: SEE RCP

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(EXCEPTION: MATERIALS TESTED IN ACCORDANCE WITH SECTION 803.1.2)

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PFT TO LVT: SCHLUTER; STYLE: RENO TK; COLOR: ANODIZED ALUMINUM
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LVT TO CS: JOHNSONITE; STYLE: CRS-XX-AA; COLOR: TBD
CPT TO CPT: JOHNSONITE; STYLE: CDX-XX; COLOR: TBD

10. ALL EXISTING CARPET TO BE RECYCLED BY INTERFACE, COORDINATE WITH LOCAL INTERFACE REPRESENTATIVE FOR DETAILS.

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✳ FLOOR TRANSITION

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LEVEL 3 - FINISH PLAN

ID-103

FINISH LEGEND

CPT-1
DESCRIPTION: CARPET TILE
MANUFACTURER: INTERFACE
STYLE: WW870
COLOR: 105343 LINEN WEFT
REMARKS: REFER TO PLAN FOR PATTERN
CONTACT: SHANE STEED 813.313.1329
SHANE.STEED@INTERFACE.COM

CPT-2
DESCRIPTION: CARPET
MANUFACTURER: INTERFACE
STYLE: 137880AK00
COLOR: 105600 FLANNEL STITCH
REMARKS: REFER TO PLAN FOR PATTERN
CONTACT: SHANE STEED 813.313.1329
SHANE.STEED@INTERFACE.COM

CPT-4
DESCRIPTION: CARPET
MANUFACTURER: INTERFACE
STYLE: WW870
COLOR: 105344 FLANNEL WEFT
REMARKS: REFER TO PLAN FOR PATTERN
CONTACT: SHANE STEED 813.313.1329
SHANE.STEED@INTERFACE.COM

CPT-5
DESCRIPTION: CARPET
MANUFACTURER: SHAW
STYLE: REVERSE TILE 5T069
COLOR: VISTA 69481
REMARKS: INSTALL MONOLITHIC
CONTACT: CATHERINE PACIFICI 813.785.9500
CATHERINE.PACIFICI@SHAWINC.COM

CWT-1
DESCRIPTION: CERAMIC TILE
MANUFACTURER: DALTILE
STYLE: MYTHOLOGY- PICKET MOSAIC UNDULATED
COLOR: AURA MY95
SIZE: 2X5 MOSAIC SHEET
REMARKS: BREAKROOM BACKSPLASH
CONTACT: SHERI SPOHARSKI 412.759.4738
SHERI.SPOHARSKI@DALTILE.COM

LVT-1
DESCRIPTION: LUXURY VINYL TILE
MANUFACTURER: SHAW
STYLE: SOLITUDE 0648V
COLOR: MINK
SIZE: 6"X48"
CONTACT: CATHERINE PACIFICI 813.785.9500
CATHERINE.PACIFICI@SHAWINC.COM

PFT-1
DESCRIPTION: PORCELAIN TILE
MANUFACTURER: CROSSVILLE
STYLE: SHADES
COLOR: ASH AV246 11224 HON
REMARKS: REFER TO PLAN FOR PATTERN
CONTACT: ANNETTE GABRELCIK 727.808.5131
AGABRELCIK@CROSSVILLESTUDIOS.COM

PFT-2
DESCRIPTION: PORCELAIN TILE
MANUFACTURER: CROSSVILLE
STYLE: SHADES
COLOR: ASH AV 246 11224UPS
REMARKS: REFER TO PLAN FOR PATTERN
CONTACT: ANNETTE GABRELCIK 727.808.5131
AGABRELCIK@CROSSVILLESTUDIOS.COM

PL-1
DESCRIPTION: PLASTIC LAMINATE
MANUFACTURER: NEVAMAR
COLOR: FRAPPE LN6001T TEXTURED
CONTACT: CATHLEEN ANDREOLA 407.415.0443
CATHLEEN_ANDREOLA@PANOLAM.COM

PL-2
DESCRIPTION: PLASTIC LAMINATE
MANUFACTURER: EGGERS
COLOR: ANTHRACITE LINEN F433 ST10
CONTACT: JIM MCCULLEY 813.245.0045 JLMCCULLEY@DIXIEPLY.COM

PL-3
DESCRIPTION: PLASTIC LAMINATE
MANUFACTURER: WILSONART
COLOR: TBD
REMARKS: DAIS- COUNTER AND INSIDE PANELS; RECEPTION DESK
CONTACT: TERESA FINCH 813.293.0588 FINCHT@WILSONART.COM

PT-1
DESCRIPTION: FIELD PAINT
MANUFACTURER: SHERWIN WILLLIAMS
COLOR: SW 7063 NEBULOUS WHITE
CONTACT: CHRISTOPHER OLDEN 407.694.7994
CHRIS.M.OLDEN@SHERWIN.COM

PT-2
DESCRIPTION: ACCENT PAINT
MANUFACTURER: SHERWIN WILLLIAMS
COLOR: SW 6235 FOGGY DAY
CONTACT: CHRISTOPHER OLDEN 407.694.7994
CHRIS.M.OLDEN@SHERWIN.COM

PT-3
DESCRIPTION: PAINT AT DOORS AND FRAMES
MANUFACTURER: SHERWIN WILLIAMS
COLOR: TBD
REMARKS: EXCLUDE DOORS: 139, 140
CONTACT: CHRISTOPHER OLDEN 407.694.7994
CHRIS.M.OLDEN@SHERWIN.COM

PT-4
DESCRIPTION: CEILING/HIGH REFLECTIVE WHITE
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7757

PT-5
DESCRIPTION: PAINT FOR STAIRS
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7063 NEBULOUS WHITE

PT-6
DESCRIPTION: STAIR TREADS, RISERS AND RAILINGS COLOR
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7069 IRON ORE

PT-7
DESCRIPTION: ACCENT BATHROOM
MANUFACTURER: SHERWIN WILLIAMS
COLOR: SW 7064 PASSIVE

PT-8
DESCRIPTION: PAINT AT STORAGE- FLOORS
MANUFACTURER: SHERWIN WILLIAMS
STYLE: ARMOR SEAL TREAD PLEX 100% ACRYLIC WATER BASED FLOOR COATING
COLOR: T.B.D.
REMARKS: PROVIDE ADD ALTERNATE - SHERWIN WILLIAMS SELF LEVELING EPOXY. FOLLOW MANUF REQUIRED SURFACE PREPARATION PRIOR TO NEW FLOORING INSTALL.
CONTACT: CHRISTOPHER OLDEN 407.694.7994
CHRIS.M.OLDEN@SHERWIN.COM

SS-2
DESCRIPTION: SOLID SURFACE
MANUFACTURER: HI-MACS/LG HAUSYS
COLOR: M501 EDESSA
CONTACT: JERE MCCORKLE 404.661.3658
JMCCORKLE@LGHAUSYS.COM

SS-3
DESCRIPTION: SOLID SURFACE
MANUFACTURER: WILSONART
COLOR: NORTH CASCADES Q4035
REMARKS: RECEPTION DESK
CONTACT: TERESA FINCH 813.2930588 FINCHT@WILSONART.COM

SC
DESCRIPTION: SEALED CONCRETE
COLOR: T.B.D.
REMARKS: CHEMICALLY STRIPPED AS REQ.; SEALED NEVER POLISHED

WB-1
DESCRIPTION: WALL BASE- ROLLED GOODS
MANUFACTURER: JOHNSONITE
STYLE: TRADITIONAL WALL BASE 4"
COLOR: #63 BURNT UMBER B
REMARKS: PROVIDE INSIDE AND OUTSIDE CORNERS
CONTACT: DONNA BAGGETT 727.262.7551
DONNA.BAGGETT@GUILFORDJOHNSON.COM

WC-1
DESCRIPTION: WALL COVERING
MANUFACTURER: WOLF GORDON
STYLE: BONAIRE
COLOR: GOH 10070230 NIGHTSEA
CONTACT: LES COLE 813.786.0678 LES.COLE@WOLFGORDON.COM

WC-2
DESCRIPTION: ACOUSTIC WALL COVERING
MANUFACTURER: WILSONART
STYLE: ECO- A.R.T. TRULLO
COLOR: GUNMETAL GRAY #24 TRULLO 06
REMARKS: LOCATION - LOBBY (WALL ABOVE), SEE ELEVATIONS
CONTACT: JOSIE ALVAREZ 813.787.1788 JALVAREZ@KOROSEAL.COM

WC-3
DESCRIPTION: WALLCOVERING
MANUFACTURER: MDC
STYLE: FREYA
COLOR: DELFT 4688-FY
REMARKS: LOCATION: BOARD ROOM
CONTACT: JEAN CARRASCO 813.367.6398
JCARRASCO@MDCWALL.COM

WC-4
DESCRIPTION: WALLCOVERING
MANUFACTURER: WOLF GORDON
STYLE: GOH 31783453
COLOR: KAMI/CHALK
REMARKS: LOCATION: MEETING/CONFERENCE ROOMS
CONTACT: LES COLE 813.786.0678 LES.COLE@WOLFGORDON.COM

WM-1
DESCRIPTION: WALK OFF MAT
MANUFACTURER: CONSTRUCTION SPECIALTIES
STYLE: PEDITRED LP WITH SURFACE MOUNTED TAPERED ALUMINUM FRAME (G3)
COLOR: T.B.D.
CONTACT: KELSEY TRACY 813.831.3344 KTRACY@CAS-CORP.COM

WM-2
DESCRIPTION: WALK OFF MAT
MANUFACTURER: CONSTRUCTION SPECIALTIES
STYLE: PEDIMAT WITH SURFACE MOUNTED TAPERED ALUMINUM FRAME (M1)
COLOR: T.B.D.
CONTACT: KELSEY TRACY 813.831.3344 KTRACY@CAS-CORP.COM

WP-1
DESCRIPTION: MARKER BOARD LAMINATE
MANUFACTURER: WILSONART
COLOR: 1573 FROSTY WHITE GLOSS FINISH MARKERBOARD
REMARKS: PROVIDE METAL CAP AT EDGES

ESDC
DESCRIPTION: ESD CARPET TILE
MANUFACTURER: SHAW CONTRACT- JULIE INDUSTRIES
STYLE: STATIC SMART- LEVEL 3 COLONIAL SERIES
COLOR: PENN
SIZE: 24"X24"
CONTACT: CATHERINE PACIFICI 813.785.9500
CATHERINE.PACIFICI@SHAWINC.COM

PT-9
DESCRIPTION: PAINT AT BATHROOMS
MANUFACTURER: SHERWIN WILLIAMS
STYLE: ARMOR SEAL TREAD PLEX 100% ACRYLIC WATER BASED FLOOR COATING
COLOR: T.B.D.
CONTACT: CHRISTOPHER OLDEN 407.694.7994
CHRIS.M.OLDEN@SHERWIN.COM

PL-7
DESCRIPTION: PLASTIC LAMINATE-RECOVER
MANUFACTURER: WILSONART
STYLE: RECOVER FOR RESURFACING EXISTING MILLWORK
COLOR: TBD
REMARKS: BOARDROOM - DAIS & CASEWORK SEE ENLARGED PLAN +ELEVATIONS
CONTACT: TERESA FINCH 813.293.0588 FINCHT@WILSONART.COM

DVC
DESCRIPTION: WOOD DOOR COLOR
MANUFACTURER: MARSHFIELD
STYLE: NATURAL BIRCH
COLOR: STOUT

PL-8
DESCRIPTION: PLASTIC LAMINATE-RECOVER
MANUFACTURER: WILSONART
STYLE: RECOVER FOR RESURFACING EXISTING MILLWORK
COLOR: TBD
REMARKS: RECEPTION DESK - RESURFACE; MATCH SEAMS WITH ORIGINAL SEAMING PATTERN, VERIFY WITH DESIGNER PRIOR TO FABRICATION
CONTACT: TERESA FINCH 813.293.0588 FINCHT@WILSONART.COM

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THEA TMC OFFICE RENOVATION

1104 E TWIGGS ST. TAMPA, FL 33602

Project number
1924

DISTRIBUTION

MILESTONE	DATE
PERMIT SET	5-7-2020
REV 1	8-7-2020

FINISH LEGEND

ID-110

FURNITURE SCHEDULE - LEVEL 1

ITEM #	Level	Manufacturer	Model	DESCRIPTION	Comments
	LEVEL 1				
B1	LEVEL 1	The HON Company		Bookcase, 5 shelf	
C2	LEVEL 1	The HON Company		Credenza, FF, Storage	
CD1	LEVEL 1	National Office Furniture	59N2448CSL2W38	National Tessera, Mid-Credenza, Footed Base, Full Drawer Front, 48W B/F Wood 2 Section Unit	
CD2	LEVEL 1	Global Furniture Group		Zira Buffet with Doors	
PO1a	LEVEL 1	The HON Company		L Desk with Return, BBF/ FF	see plan for desk/return size
PO1aS	LEVEL 1	The HON Company		Sit and Stand Desk with Return, (Mobile) BBF/ FF	see plan for desk/return size
PO3	LEVEL 1	The HON Company		Executive Desk	see plan for desk/return size
S1	LEVEL 1	National Office Furniture	N52GHM	National - Jiminy Static, Arms, Mesh, casters	
S2	LEVEL 1	Knoll, Inc.		Rockwell Low Back Chair	
S3	LEVEL 1	Sit On It	1011 FT1	Lumin 4-Leg Frame, Armelss, Plastic Back, Upholstered Seat	
S10	LEVEL 1	Sit On It		Prava highback executive chair, fixed arms	
S12	LEVEL 1	Global Furniture Group	6321-0	Vion Mesh High Back, Adjustable Arms, Synchro Tilter,	
S13	LEVEL 1	Global Furniture Group	6325	Vion Side Chair, Mesh Back, Arms, Upholstered Seat	
TB2	LEVEL 1	Knoll, Inc.		Rockwell Table	
TB5	LEVEL 1	National Office Furniture	WW3060RTFML	Table 30"X60" Flip Top/Nesting W/27" Mobile Metal Legs	Provide power

FURNITURE SCHEDULE - LEVEL 1

ITEM #	Level	Manufacturer	Model	DESCRIPTION	Comments
TB6	LEVEL 1	Global Furniture Group	Z48144REE	Zira Rectangular Table 48"x144" W/3 Bases, Center Power Module	Provide power
TB11	LEVEL 1	The HON Company	TBD	Table 30" Round, Laminate Top, Metal Base	
TS	LEVEL 1	The HON Company		Tall Storage	
U2	LEVEL 1	The HON Company		Upper Storage with O supports, Doors or Open & Door combination	

NOTE:
PRIVATE OFFICE STYLE; HON VOI WITH PANEL SUPPORTS AT BOTTOM, MODESTY PANEL AND O STYLE SUPPORTS FOR UPPER STORAGE WHERE NOTED, PROVIDE BBF AND FF FOR EACH WORKSTATION.
OPEN WORKSTATIONS: STEELCASE ANSWER WITH TALL PANELS AND GLASS UPPER SEGMENT.
MIRA WORKSTATIONS STYLE HON 10500 SERIES.

PROVIDE LUMBAR SUPPORT ON ALL OFFICE TASK CHAIRS, ADJUSTABLE ARMS AT ALL OFFICES AND FIXED ARMS AT CONFERENCE ROOMS

GENERAL NOTES - FURNITURE

1. REFER TO SPECIFICATIONS ON BID PACKAGE. FOLLOW ALL BID INSTRUCTIONS AND SPECIAL PROVISIONS.
2. PROVIDE WALL BRACING AS REQUIRED.
3. PROVIDE FLOOR OUTLETS AS MARKED IN POWER PLANS.
4. FOR ALL VERTICAL FILES, PROVIDE WALL ANCHORING SYSTEM AS RECOMMENDED BY MANUFACTURER.
5. PROVIDE POWER AT ALL CONFERENCE AND MEETING ROOM LOCATIONS, COORDINATE TYPES.

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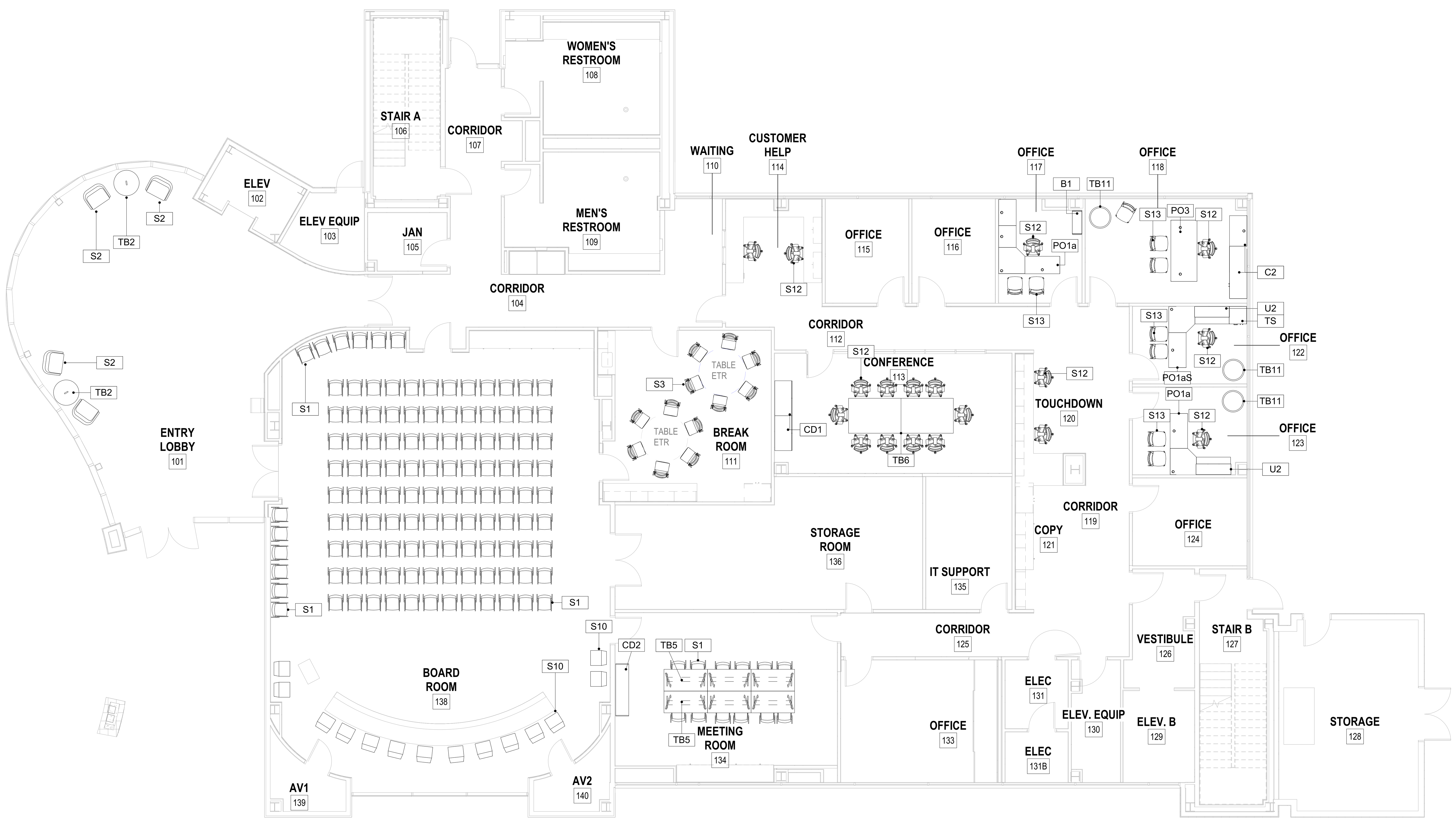

1 LEVEL 1 - FURNITURE PLAN
1/8" = 1'-0"

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LEVEL 1 - FURNITURE PLAN

ID-201

FURNITURE SCHEDULE - LEVEL 2					
ITEM #	Level	Manufacturer	Model	DESCRIPTION	Comments
	LEVEL 2				
AC-6	LEVEL 2			Acrylic Divider	
B1	LEVEL 2	The HON Company		Bookcase, 5 shelf	
CD1	LEVEL 2	National Office Furniture	59N2448CSL2W38	National Tessera, Mid-Credenza, Footed Base, Full Drawer Front, 48W B/F Wood 2 Section Unit	Provide power
D-1	LEVEL 2	The HON Company		Desk with Modesty Panel and BBF	see plan for desk/return size
MWS2	LEVEL 2	The HON Company	10500 Series	MIRA Workstation, Standard Bench, Low Privacy panel	see plan for desk size
MWS3	LEVEL 2	The HON Company	10500 Series	MIRA Workstation, Manager's Desk Bench System, Low Privacy Panel	see plan for desk size
PO1bS	LEVEL 2	The HON Company		Sit and Stand Desk with Return, (Mobile) BBF/ FF	see plan for desk/return size
S1	LEVEL 2	National Office Furniture	N52GHM	National - Jiminy Static, Arms, Mesh, casters	1
S3	LEVEL 2	Sit On It	1011 FT1	Lumin 4-Leg Frame, Armelss, Plastic Back, Upholstered Seat	
S11	LEVEL 2	Knoll, Inc.		Rockwell Club Chair, Wood Base	
S12	LEVEL 2	Global Furniture Group	6321-0	Vion Mesh High Back, Adjustable Arms, Synchro Tilter,	
S13	LEVEL 2	Global Furniture Group	6325	Vion Side Chair, Mesh Back, Arms, Upholstered Seat	
TB	LEVEL 2	National Office Furniture	WWN36RDL	Round 36" Table, Laminate Top with X base- counter height	
TB3	LEVEL 2	National Office Furniture	WWN36RDL	Round 36" Table, Laminate Top with X base	

FURNITURE SCHEDULE - LEVEL 2					
ITEM #	Level	Manufacturer	Model	DESCRIPTION	Comments
TB4	LEVEL 2	Knoll, Inc.		Rockwell Table	
TB5	LEVEL 2	National Office Furniture	WW3060RTFML	Table 30"X60" Flip Top/Nesting W/27" Mobile Metal Legs	Provide power
TB8	LEVEL 2	Global Furniture Group	Z60192REE	Zira Rectangular Table 60"x192" W/4 Bases, Center Power Module	Provide power
TB11	LEVEL 2	The HON Company	TBD	Table 30" Round, Laminate Top, Metal Base	
TS	LEVEL 2	The HON Company		Tall Storage	
U2	LEVEL 2	The HON Company		Upper Storage with O supports, Doors or Open & Door combination	

NOTE:
PRIVATE OFFICE STYLE; HON VOI WITH PANEL SUPPORTS AT BOTTOM, MODESTY PANEL AND O STYLE SUPPORTS FOR UPPER STORAGE WHERE NOTED, PROVIDE BBF AND FF FOR EACH WORKSTATION.
OPEN WORKSTATIONS: STEELCASE ANSWER WITH TALL PANELS AND GLASS UPPER SEGMENT.
MIRA WORKSTATIONS STYLE HON 10500 SERIES.

PROVIDE LUMBAR SUPPORT ON ALL OFFICE TASK CHAIRS, ADJUSTABLE ARMS AT ALL OFFICES AND FIXED ARMS AT CONFERENCE ROOMS

GENERAL NOTES - FURNITURE

1. REFER TO SPECIFICATIONS ON BID PACKAGE. FOLLOW ALL BID INSTRUCTIONS AND SPECIAL PROVISIONS.
2. PROVIDE WALL BRACING AS REQUIRED.
3. PROVIDE FLOOR OUTLETS AS MARKED IN POWER PLANS.
4. FOR ALL VERTICAL FILES, PROVIDE WALL ANCHORING SYSTEM AS RECOMMENDED BY MANUFACTURER.
5. PROVIDE POWER AT ALL CONFERENCE AND MEETING ROOM LOCATIONS, COORDINATE TYPES.

1 LEVEL 2 - FURNITURE PLAN
1/8" = 1'-0"

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LEVEL 2 - FURNITURE PLAN

ID-202

FURNITURE SCHEDULE - LEVEL 3					
ITEM #	Level	Manufacturer	Model	DESCRIPTION	Comments
	LEVEL 3				
B	LEVEL 3	The HON Company		Bookcase 3 shelves	
B1	LEVEL 3	The HON Company		Bookcase, 5 shelf	
BBF	LEVEL 3	The HON Company		BBF- MOBILE PEDESTAL FOR SIT AND STAND DESK	
C	LEVEL 3	The HON Company		Credenza , F/F	
CD2	LEVEL 3	Global Furniture Group		Zira Buffet with Doors	Provide power
L1	LEVEL 3	The HON Company		2 Drawer File 30"	
L2	LEVEL 3	The HON Company		5 Drawer File 30"	
L3	LEVEL 3	The HON Company		2 Drawer File 36"	
PO	LEVEL 3	The HON Company		L Desk with Return, BBF/ FF	see plan for desk/return size
PO1a	LEVEL 3	The HON Company		L Desk with Return, BBF/ FF	see plan for desk/return size
PO1aS	LEVEL 3	The HON Company		Sit and Stand Desk with Return, (Mobile) BBF/ FF	see plan for desk/return size
PO1bS	LEVEL 3	The HON Company		Sit and Stand Desk with Return, (Mobile) BBF/ FF	see plan for desk/return size
PO2aS	LEVEL 3	The HON Company		Sit and Stand Desk U Shape, (Mobile) BBF, FF	see plan for desk/return size
PO3	LEVEL 3	The HON Company		Executive Desk	see plan for desk/return size
S11	LEVEL 3	Knoll, Inc.		Rockwell Club Chair, Wood Base	
S12	LEVEL 3	Global Furniture Group	6321-0	Vion Mesh High Back, Adjustable Arms, Synchro Tilter,	

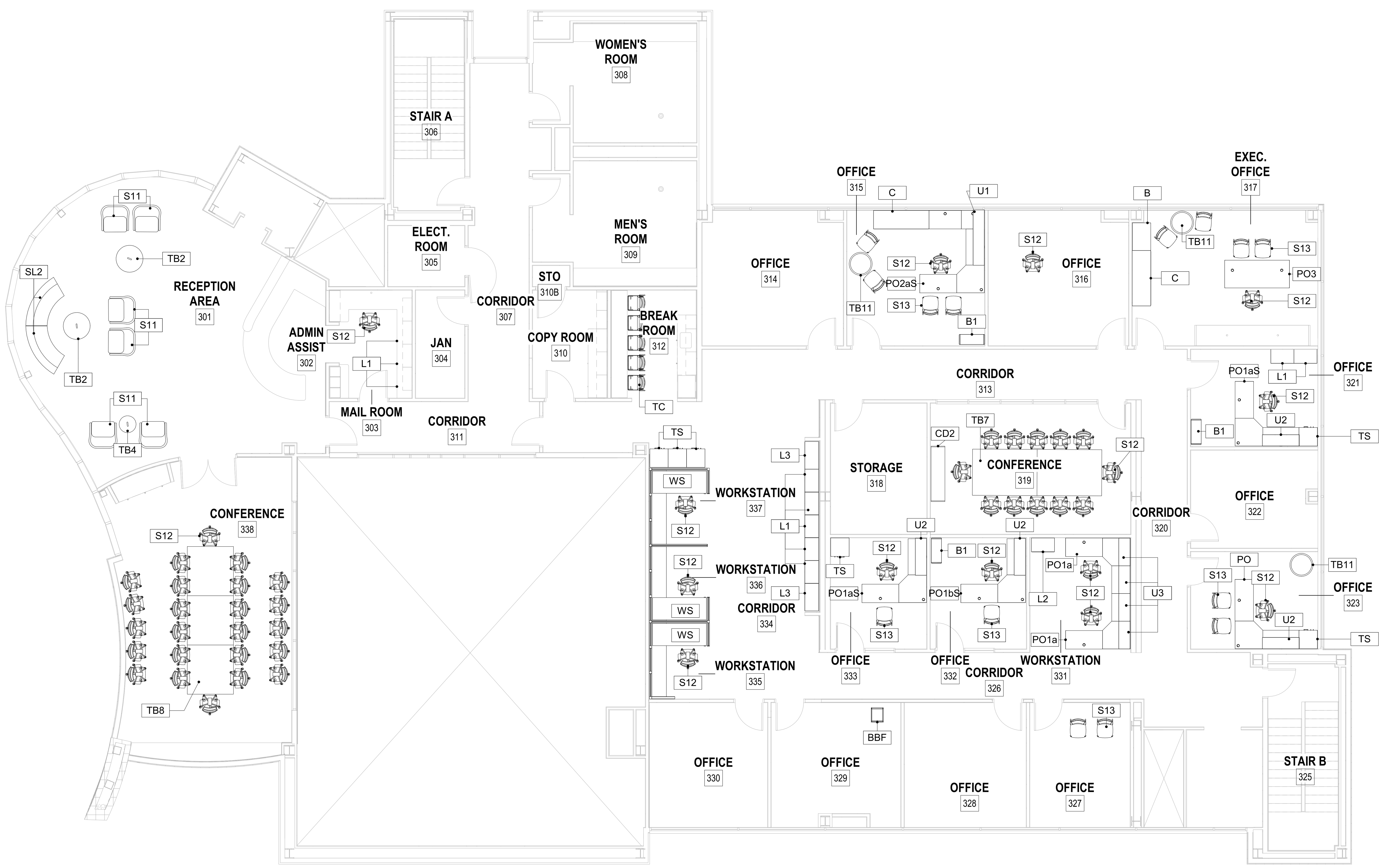
FURNITURE SCHEDULE - LEVEL 3					
ITEM #	Level	Manufacturer	Model	DESCRIPTION	Comments
S13	LEVEL 3	Global Furniture Group	6325	Vion Side Chair, Mesh Back, Arms, Upholstered Seat	
SL2	LEVEL 3	Steelcase	451-7460FI	Circa 2-Seat Lounge, 60Degree Inside Wedge	
TB2	LEVEL 3	Knoll, Inc.		Rockwell Table	
TB4	LEVEL 3	Knoll, Inc.		Rockwell Table	
TB7	LEVEL 3	Global Furniture Group	Z60168REE	Zira Rectangular Table 60" x 168" W/3 Bases, Center Power Module	Provide power
TB8	LEVEL 3	Global Furniture Group	Z60192REE	Zira Rectangular Table 60"x192" W/4 Bases, Center Power Module	Provide power
TB11	LEVEL 3	The HON Company	TBD	Table 30" Round, Laminate Top, Metal Base	
TC	LEVEL 3	Sit On It		Lumin 4-Leg Frame, Armelss, Plastic Back, Upholstered Seat, Counter stool	
TS	LEVEL 3	The HON Company		Tall Storage	
U1	LEVEL 3	The HON Company		Upper Storage with O supports, Doors or Open & Door combination	
U2	LEVEL 3	The HON Company		Upper Storage with O supports, Doors or Open & Door combination	
U3	LEVEL 3	The HON Company		Upper Storage with O supports, Doors or Open & Door combination	
WS	LEVEL 3	Steelcase		Open Plan Workstation, BBF,FF, Tall Panel with Glass Segment, Upper storage	

NOTE:
PRIVATE OFFICE STYLE; HON VOI WITH PANEL SUPPORTS AT BOTTOM, MODESTY PANEL AND O STYLE SUPPORTS FOR UPPER STORAGE WHERE NOTED, PROVIDE BBF AND FF FOR EACH WORKSTATION.
OPEN WORKSTATIONS: STEELCASE ANSWER WITH TALL PANELS AND GLASS UPPER SEGMENT.
MIRA WORKSTATIONS STYLE HON 10500 SERIES.

PROVIDE LUMBAR SUPPORT ON ALL OFFICE TASK CHAIRS, ADJUSTABLE ARMS AT ALL OFFICES AND FIXED ARMS AT CONFERENCE ROOMS

GENERAL NOTES - FURNITURE

1. REFER TO SPECIFICATIONS ON BID PACKAGE. FOLLOW ALL BID INSTRUCTIONS AND SPECIAL PROVISIONS.
2. PROVIDE WALL BRACING AS REQUIRED.
3. PROVIDE FLOOR OUTLETS AS MARKED IN POWER PLANS.
4. FOR ALL VERTICAL FILES, PROVIDE WALL ANCHORING SYSTEM AS RECOMMENDED BY MANUFACTURER.
5. PROVIDE POWER AT ALL CONFERENCE AND MEETING ROOM LOCATIONS, COORDINATE TYPES.



1 LEVEL 3 - FURNITURE PLAN
1/8" = 1'-0"

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REV 1	8-7-2020

LEVEL 3 - FURNITURE PLAN

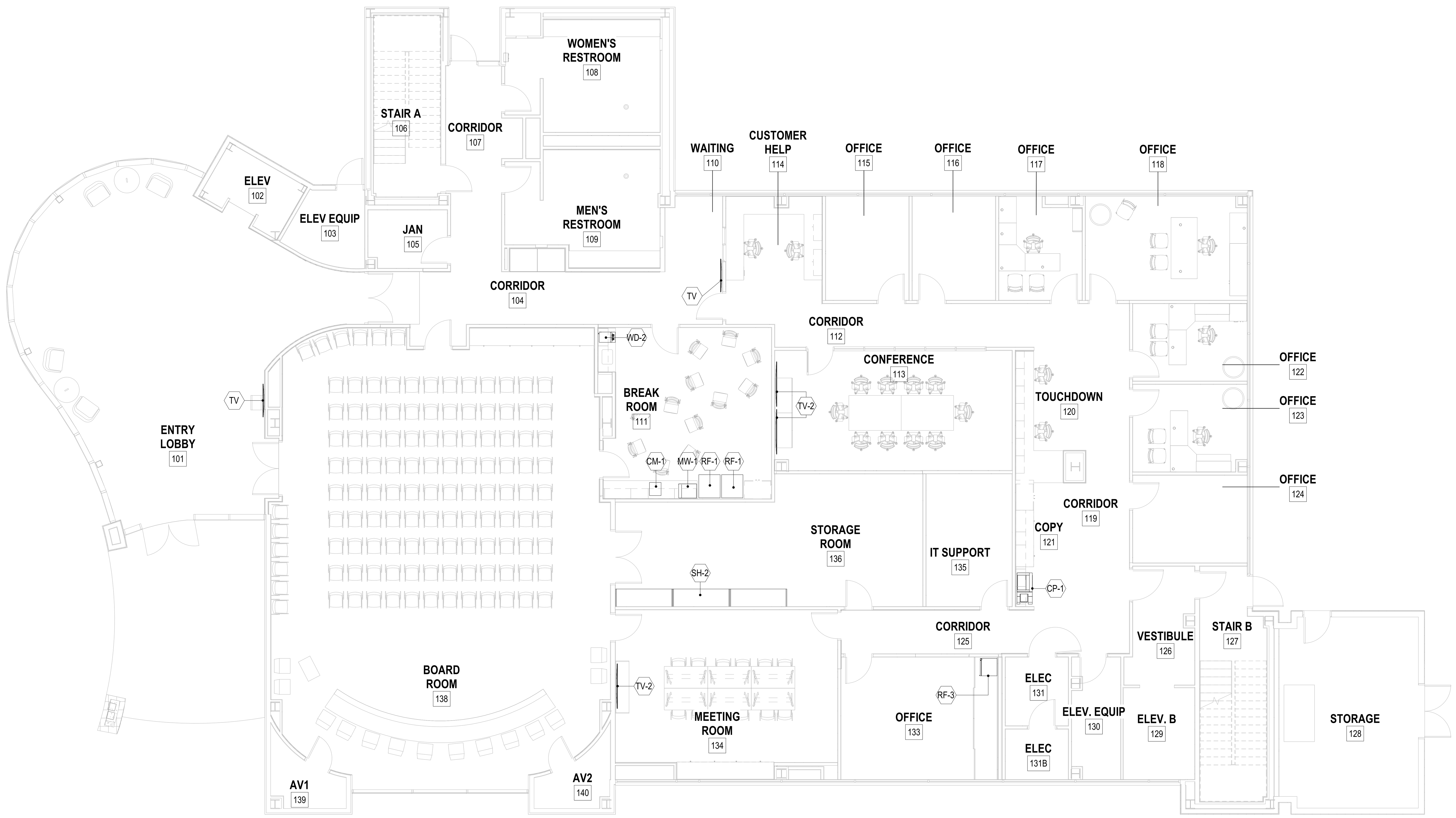
ID-203

GENERAL NOTES - EQUIPMENT

1. ALL EQUIPMENT TO BE VERIFIED. ANY/ALL DISCREPANCIES OF ANY KIND, WHETHER FOUND IN THE DRAWINGS, SPECIFICATIONS, OR AT THE JOBSITE, NOTIFY ARCHITECT IMMEDIATELY.
2. COORDINATE AND VERIFY ALL DIMENSIONS WITH MILLWORK PRIOR TO INSTALLATION.
3. ALL EQUIPMENT TO BE FURNISHED BY CONTRACTOR, U.O.N.
4. COORDINATE WITH ELECTRICAL AND PLUMBING FOR EQUIPMENT CONNECTION.

EQUIPMENT SCHEDULE - LEVEL 1

ITEM #	DESCRIPTION	MANUFACTURER	MODEL #	PROVIDED BY	INSTALLED BY	REMARKS
CM-1	DRIP COFFEE MAKER	BUNN	VP17-3	CONTRACTOR	CONTRACTOR	
CP-1	FULL SIZE COPIER	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
DW	DISHWASHER	GE	GDF530PSMSS	CONTRACTOR	CONTRACTOR	
MW-1	MICROWAVE	GE	JES1657SMSS	CONTRACTOR	CONTRACTOR	
PR	PROJECTOR, CEILING MOUNTED	-	-			
PS	CEILING RECESSED PROJECTION SCREEN	DRAPER, INC.	ACCESS/SERIES E	CONTRACTOR	CONTRACTOR	
RF-1	REFRIGERATOR	GE	GTE19JSNRSS	CONTRACTOR	CONTRACTOR	NO ICE
RF-3	EXISTING UC REF. RELOCATED					NO ICE
SH-2	6' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
TV	LCD TV	BY OWNER				
TV-2	70" LCD TV	BY OWNER	50ES6305U			
WD-2	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	



1 LEVEL 1 - EQUIPMENT PLAN
1/8" = 1'-0"

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LEVEL 1 - EQUIPMENT PLAN

ID-301

GENERAL NOTES - EQUIPMENT

1. ALL EQUIPMENT TO BE VERIFIED. ANY/ALL DISCREPANCIES OF ANY KIND, WHETHER FOUND IN THE DRAWINGS, SPECIFICATIONS, OR AT THE JOBSITE, NOTIFY ARCHITECT IMMEDIATELY.
2. COORDINATE AND VERIFY ALL DIMENSIONS WITH MILLWORK PRIOR TO INSTALLATION.
3. ALL EQUIPMENT TO BE FURNISHED BY CONTRACTOR, U.O.N.
4. COORDINATE WITH ELECTRICAL AND PLUMBING FOR EQUIPMENT CONNECTION.

EQUIPMENT SCHEDULE - LEVEL 2

ITEM #	DESCRIPTION	MANUFACTURER	MODEL #	PROVIDED BY	INSTALLED BY	REMARKS
CM-1	DRIP COFFEE MAKER	BUNN	VP17-3	CONTRACTOR	CONTRACTOR	
CP-1	FULL SIZE COPIER	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
RF-1	REFRIGERATOR	GE	GTE19JSNRSS	CONTRACTOR	CONTRACTOR	NO ICE
SH-1	4' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
SH-2	6' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
TV-2	70" LCD TV	BY OWNER	50ES6305U	CONTRACTOR	CONTRACTOR	
WD	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	
WD-2	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	

1 LEVEL 2 - EQUIPMENT PLAN
1/8" = 1'-0"

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THEA TMC OFFICE RENOVATION

1104 E TWIGGS ST. TAMPA, FL 33602

Project number
1924

DISTRIBUTION

MILESTONE	DATE
PERMIT SET	5-7-2020

LEVEL 2 - EQUIPMENT PLAN

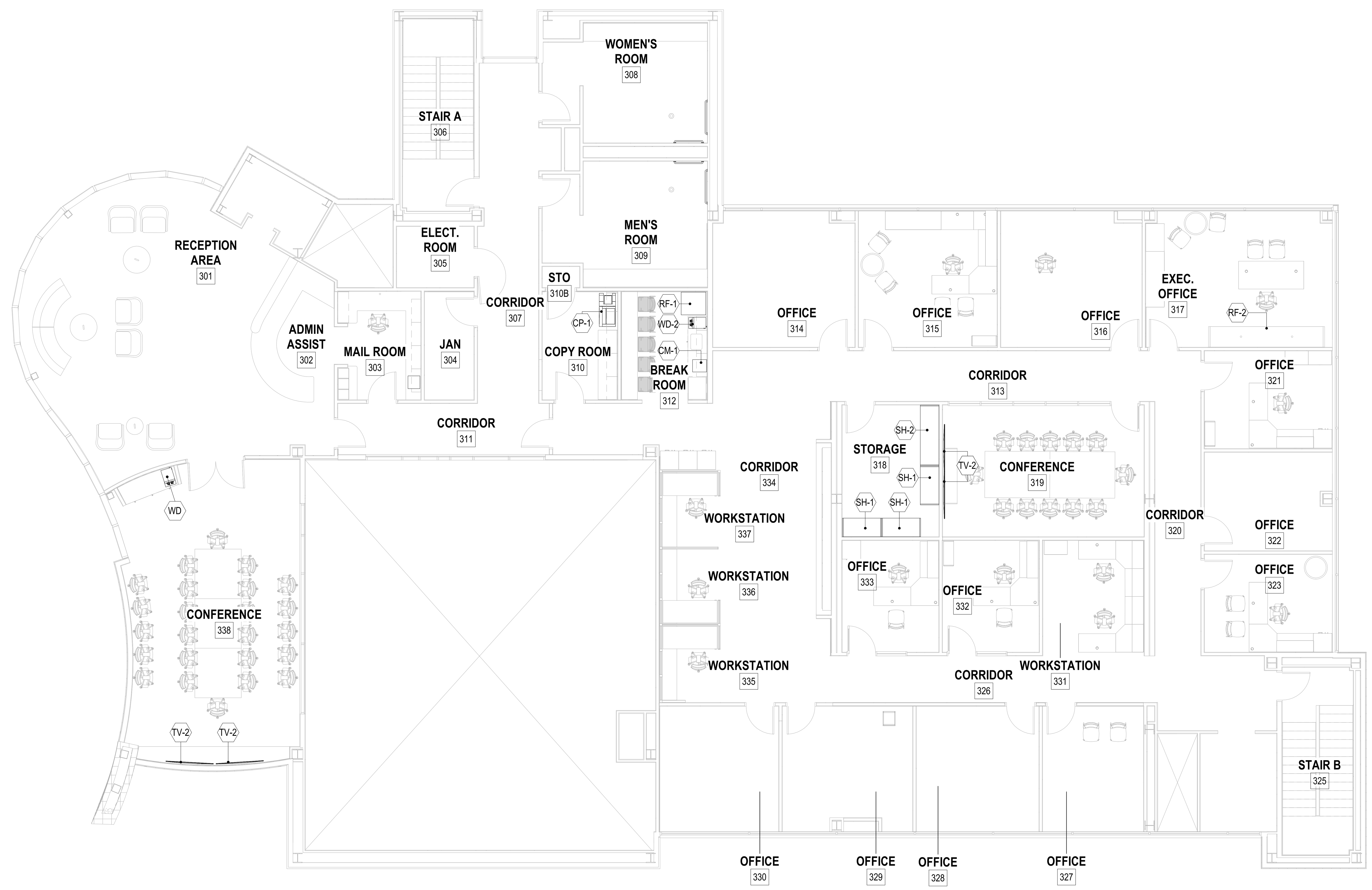
ID-302

GENERAL NOTES - EQUIPMENT

1. ALL EQUIPMENT TO BE VERIFIED. ANY/ALL DISCREPANCIES OF ANY KIND, WHETHER FOUND IN THE DRAWINGS, SPECIFICATIONS, OR AT THE JOBSITE, NOTIFY ARCHITECT IMMEDIATELY.
2. COORDINATE AND VERIFY ALL DIMENSIONS WITH MILLWORK PRIOR TO INSTALLATION.
3. ALL EQUIPMENT TO BE FURNISHED BY CONTRACTOR, U.O.N.
4. COORDINATE WITH ELECTRICAL AND PLUMBING FOR EQUIPMENT CONNECTION.

EQUIPMENT SCHEDULE - LEVEL 3

ITEM #	DESCRIPTION	MANUFACTURER	MODEL #	PROVIDED BY	INSTALLED BY	REMARKS
CM-1	DRIP COFFEE MAKER	BUNN	VP17-3	CONTRACTOR	CONTRACTOR	
CP-1	FULL SIZE COPIER	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
PM	POSTAGE MACHINE	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	EXISTING
RF-1	REFRIGERATOR	GE	GTE19JSNRSS	CONTRACTOR	CONTRACTOR	NO ICE
RF-2	U.C. REFRIGERATOR- PANEL READY	U- LINE	U-ADA24RINT-00A	CONTRACTOR	CONTRACTOR	NO ICE
SH-1	4' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
SH-2	6' WIDE METAL SHELVING	BY OWNER	BY OWNER	CONTRACTOR	CONTRACTOR	
TV-2	70" LCD TV	BY OWNER	50ES6305U	CONTRACTOR	CONTRACTOR	
WD	WATER DISPENSER COUNTERTOP	REFER PLUMBING	REFER PLUMBING	CONTRACTOR	CONTRACTOR	



1 LEVEL 3 - EQUIPMENT PLAN
1/8" = 1'-0"

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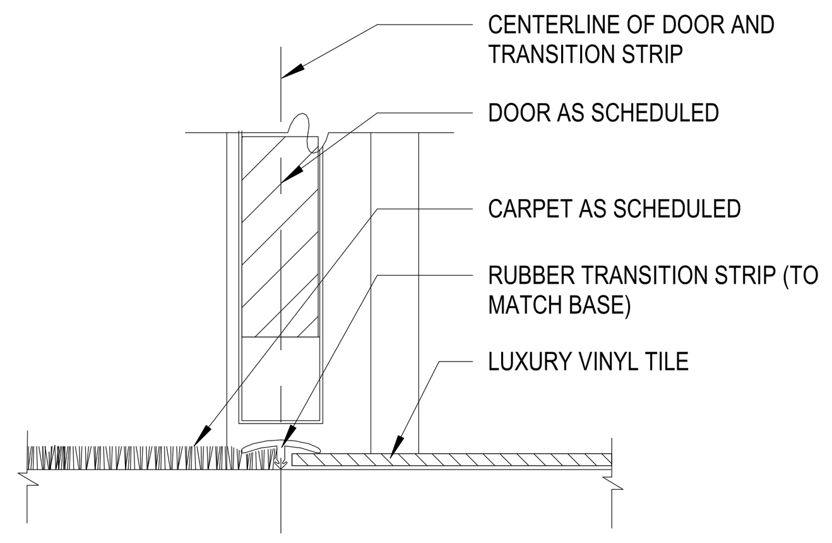
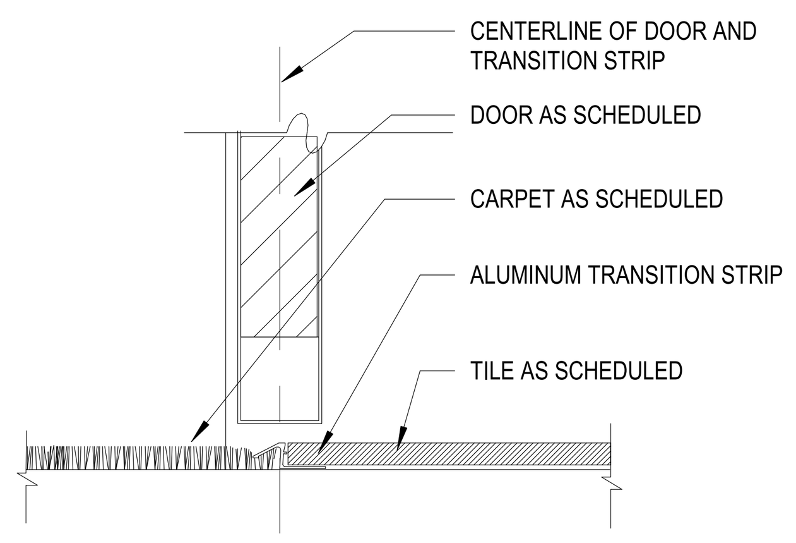
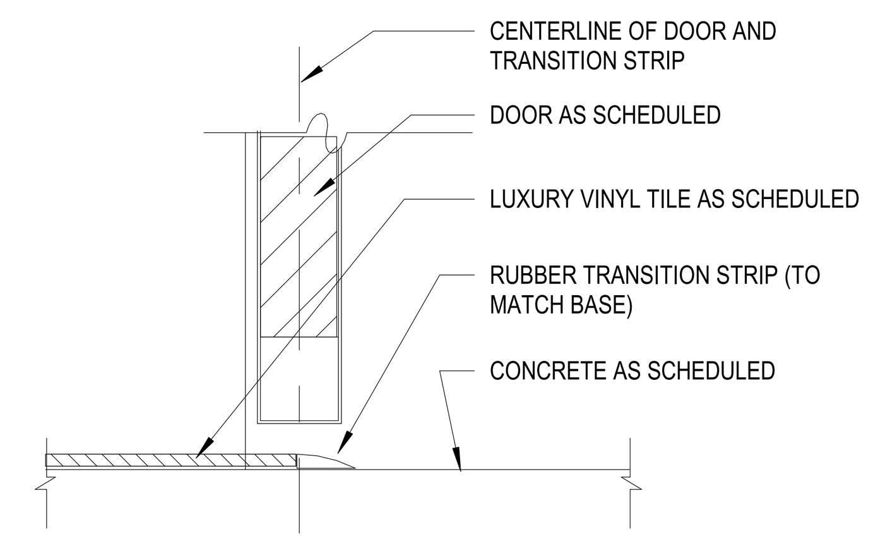


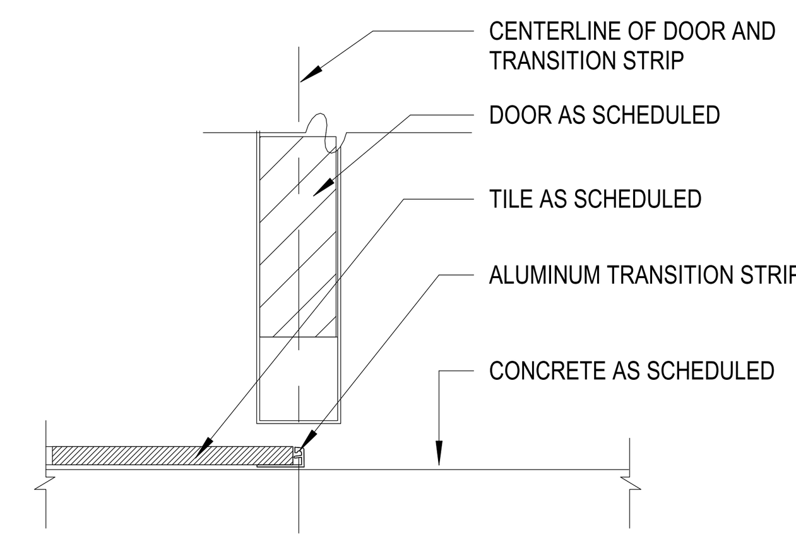
1 CARPET TO LUXURY VINYL TILE
3" = 1'-0"



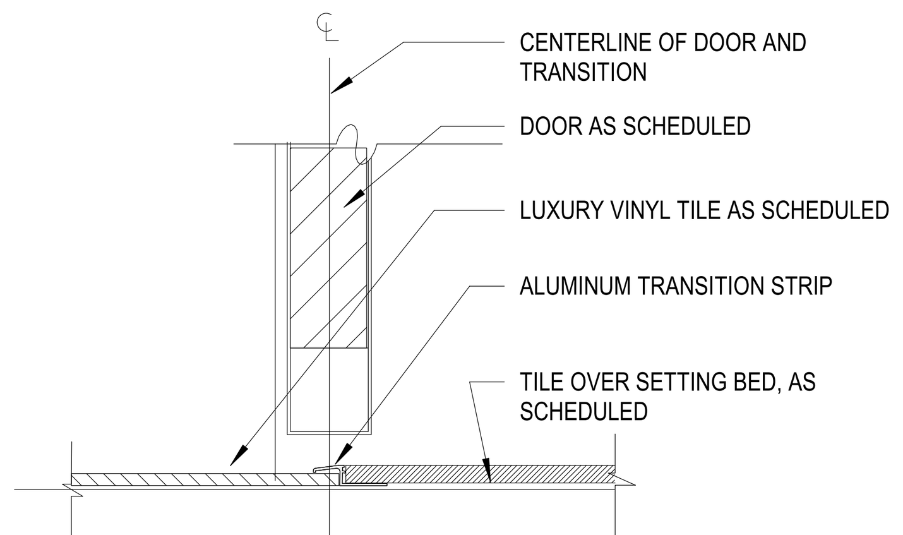
2 CARPET TO TILE
3" = 1'-0"



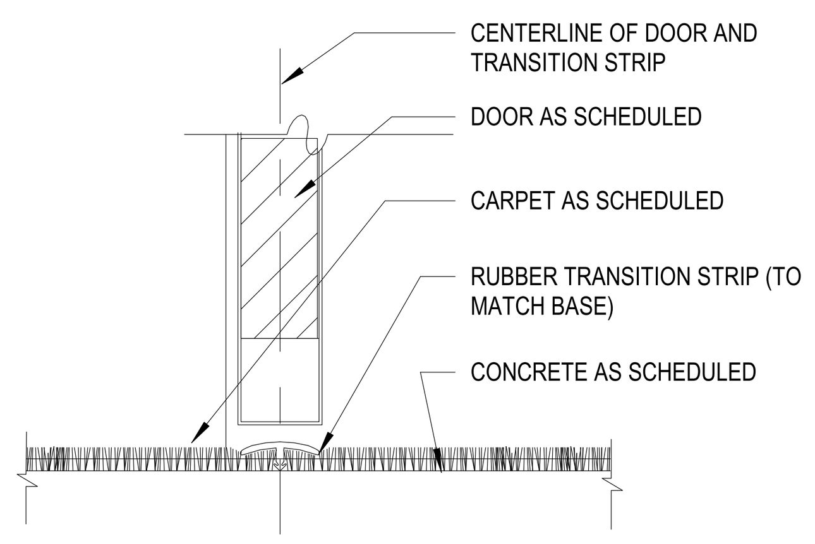
3 LUXURY VINYL TILE TO CONCRETE DETAIL
3" = 1'-0"



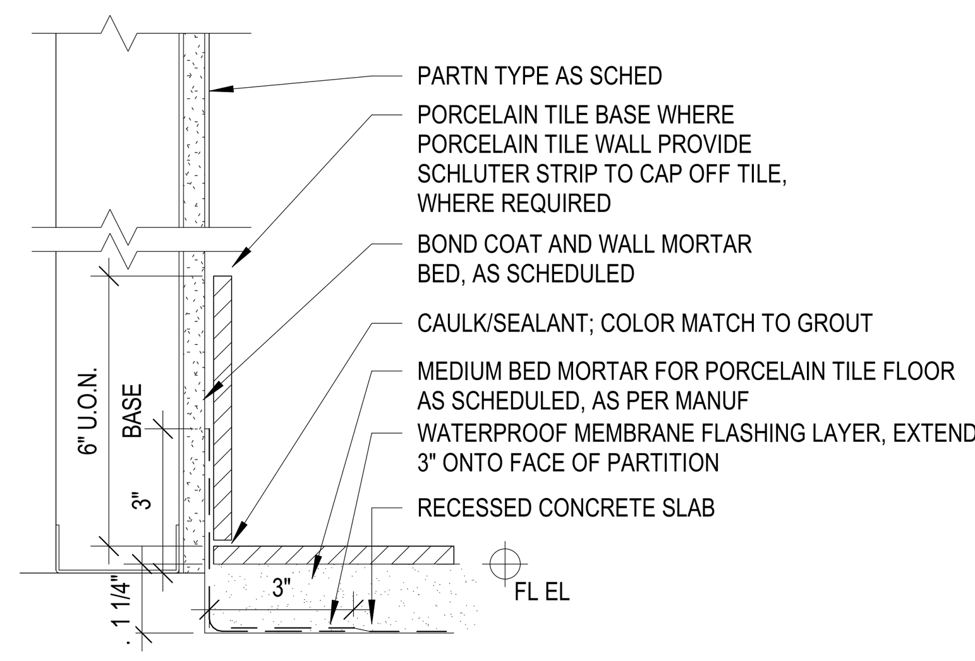
4 TILE TO CONCRETE
3" = 1'-0"



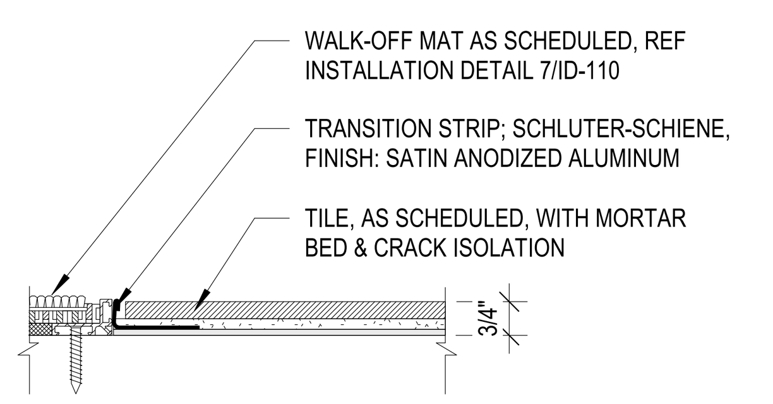
6 LUXURY VINYL TILE TO TILE THRESHOLD
3" = 1'-0"



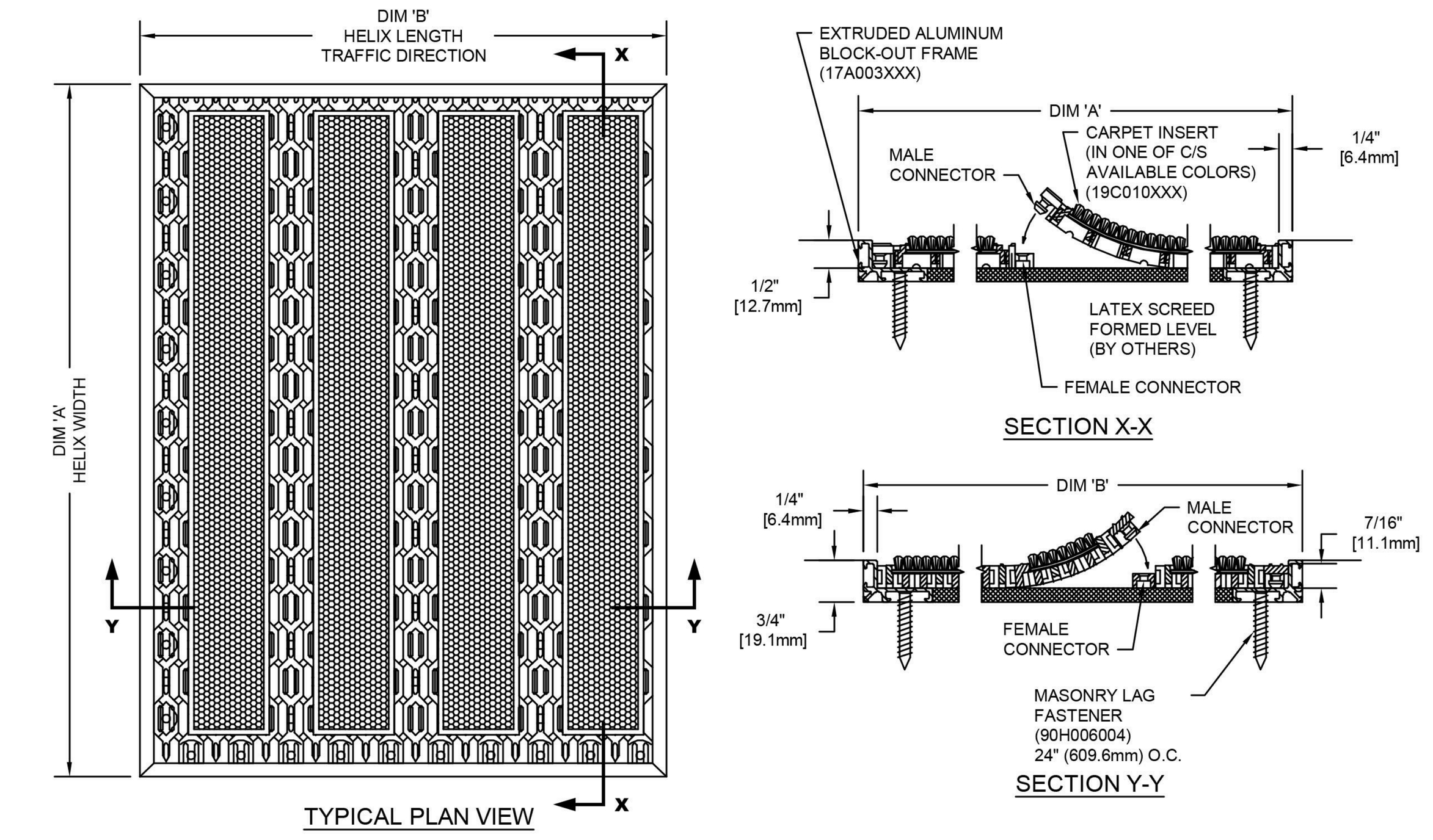
7 CARPET TO CARPET THRESHOLD
3" = 1'-0"



8 TILE BASE DETAIL
3" = 1'-0"



11 TILE TO WALK-OFF MAT
3" = 1'-0"



NOTES:

- *SUPPLIED IN 3' X 3' OR 4' X 3' MODULES TO SPEED FIELD ASSEMBLY. OPTIONAL SINGLE TILE BOXES (60 TILES) ARE AVAILABLE.
- *HELIX Z2 IS ABLE TO SUPPORT A 600 LB ROLLING LOAD.
- *ADDTITIONAL SPECIFICATIONS ARE CONTAINED INT THE LATEST C/S CATALOG OR AT C-SGROUP.COM AND ARE CONSIDERED PART OF THIS TRANSMITTAL.
- *INDIVIDUAL TILES MEASURE 12" WIDE BY 9" IN LENGTH.
- *THIS DETAIL IS TO BE USED ONLY WHEN THE OVERALL WIDTH OF THE UNIT IS EVENLY DIVISBLE BY 12" AND OVERALL LENGTH IS EVENLY DIVISIBLE BY 9".

12 WALK-OFF MAT (WM-1) INSTALLATION
3" = 1'-0"

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REV 1	8-7-2020

INTERIOR DETAILS

ID-401

SIGNAGE SCHEDULE - LEVEL 1

ROOM NUMBER	ROOM NAME	SIGN TYPE	COMMENTS
LEVEL 1			
101	ENTRY LOBBY	A	REFER TO ELEVATIONS
102	ELEV		REFER TO SHEET A-415 FOR ELEVATIONS
103	ELEV EQUIP	A	
104	CORRIDOR	G	
105	JAN	A	
106	STAIR A	F	
107	CORRIDOR		
108	WOMEN'S RESTROOM	C	REFER TO ELEVATIONS
109	MEN'S RESTROOM	D	REFER TO ELEVATIONS
110	WAITING	A	
111	BREAK ROOM	A	
112	CORRIDOR	G	
113	CONFERENCE	A	
114	CUSTOMER HELP	A	
115	OFFICE	A	
116	OFFICE	A	

SIGNAGE SCHEDULE - LEVEL 1

ROOM NUMBER	ROOM NAME	SIGN TYPE	COMMENTS
117	OFFICE	A	
118	OFFICE	A	
119	CORRIDOR	G	
120	TOUCHDOWN	A	REFER TO ELEVATIONS
121	COPY	A	REFER TO ELEVATIONS
122	OFFICE	A	
123	OFFICE	A	
124	OFFICE	A	
125	CORRIDOR	G	
126	VESTIBULE		
127	STAIR B	F	SEE FINISH PLAN
128	STORAGE	A	
129	ELEV. B		REFER TO SHEET A-415 FOR ELEVATIONS
130	ELEV. EQUIP	A	
131	ELEC	A	
131B	ELEC	A	
133	OFFICE	A	

SIGNAGE SCHEDULE - LEVEL 1

ROOM NUMBER	ROOM NAME	SIGN TYPE	COMMENTS
134	MEETING ROOM	A	
135	IT SUPPORT	A	
136	STORAGE ROOM	A	
138	BOARD ROOM	A/B/G	REFER TO ELEVATIONS
139	AV1	A	
140	AV2	A	

GENERAL NOTES - INTERIOR SIGNAGE

1. REFER TO G SHEET FOR SIGN HEIGHT AND LOCATION, FOLLOW ALL APPLICABLE CODES AS PER FBC 2017 AND ADA REQUIREMENTS PER 703.3 & 703.4 FBC.
2. PROVIDE REMOVABLE SIGN (CHANGEABLE MESSAGE).
3. FONT: T.B.D.
4. CONTACT KRYSTAL VEROST FOR SIGNAGE DETAILS AT 585.798.8889 KAV@TAKEFORM.NET

SIGNAGE TYPES:

(A) ROOM NAME & NUMBER

(B) MAXIMIMUM OCCUPANT LOAD

(C) WOMENS RESTROOM & ROOM NUMBER SIGN

(D) MENS RESTROOM & ROOM NUMBER SIGN

(E) FIRE STAIRS

(G) EXIT SIGN

(H) EVACUATION PLAN - MAP PLACEHOLDER

SIGNAGE SCHEDULE - LEVEL 2

ROOM NUMBER	ROOM NAME	SIGN TYPE	COMMENTS
LEVEL 2			
201	LOBBY	A	
202	CORRIDOR	G	
203	ELEC.	A	
204	STAIR A	E	
205	CORRIDOR	G	
205B	JAN	A	
206	WOMEN'S RESTROOM	C	REFER TO ELEVATIONS
206B	CL	A	
207	MEN'S RESTROOM	D	REFER TO ELEVATIONS
207B	CL	A	
208	CORRIDOR	G	
209	CITY	A	
210	CITY	A	
211	OFFICE	A	
212	OFFICE	A	
213	OFFICE	A	
214	BREAK	A	
215	STORAGE	A	

SIGNAGE SCHEDULE - LEVEL 2

ROOM NUMBER	ROOM NAME	SIGN TYPE	COMMENTS
216	MIRA	A	
217	CORRIDOR	G	
218	OFFICE	A	
219	OFFICE	A	
220	OFFICE	A	
221	CORRIDOR	G	
222	ELEV. VESTIBULE		
223	STAIR B	E	
224	OFFICE	A	
225	MEETING ROOM	A	
226	COMM.	A	
227	COPIER	A	
231	CORRIDOR	G	
232	TECH II	A	
233	SERVER ROOM	A	
234	CONTROL ROOM	A	
235	TECH IV	A	
236	TECH III	A	
237	TECH III	A	
238	ENG IV	A	

SIGNAGE SCHEDULE - LEVEL 2

ROOM NUMBER	ROOM NAME	SIGN TYPE	COMMENTS
239	TECH IV	A	
240	TECH III	A	
241	TECH III	A	
242	ENG III	A	
243	CONFERENCE	A	REFER TO ELEVATIONS
339	OFFICE	A	

SIGNAGE SCHEDULE - LEVEL 3

ROOM NUMBER	ROOM NAME	SIGN TYPE	COMMENTS
LEVEL 3			
301	RECEPTION AREA	A	
302	ADMIN ASSIST	A	
303	MAIL ROOM	A	
304	JAN	A	
305	ELECT. ROOM	A	
306	STAIR A	E	
307	CORRIDOR	G	
308	WOMEN'S ROOM	C	REFER TO ELEVATIONS
309	MEN'S ROOM	D	REFER TO ELEVATIONS
310	COPY ROOM	A	
310B	STO	A	
311	CORRIDOR	G	
312	BREAK ROOM	A	
313	CORRIDOR	G	

SIGNAGE SCHEDULE - LEVEL 3

ROOM NUMBER	ROOM NAME	SIGN TYPE	COMMENTS
314	OFFICE	A	
315	OFFICE	A	
316	OFFICE	A	
317	EXEC. OFFICE	A	
318	STORAGE	A	
319	CONFERENCE	A	
320	CORRIDOR	G	
321	OFFICE	A	
322	OFFICE	A	
323	OFFICE	A	
324	ELEV. VESTIBULE		
325	STAIR B	E	
326	CORRIDOR	G	
327	OFFICE	A	
328	OFFICE	A	

SIGNAGE SCHEDULE - LEVEL 3

ROOM NUMBER	ROOM NAME	SIGN TYPE	COMMENTS
329	OFFICE	A	
330	OFFICE	A	
331	WORKSTATION	A	
332	OFFICE	A	
333	OFFICE	A	
334	CORRIDOR	G	
335	WORKSTATION	A	
336	WORKSTATION	A	
337	WORKSTATION	A	
338	CONFERENCE	A	

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INTERIOR SIGNAGE

ID-402

GENERAL STRUCTURAL NOTES

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR AND SHALL VERIFY AND COORDINATE ALL DIMENSIONS AND DETAILS BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEERS.
2. DETAILS SHOWN IN ANY SECTION APPLY TO ALL SIMILAR SECTIONS AND CONDITIONS UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL FULLY BRACE AND OTHERWISE PROTECT ALL WORK IN PROGRESS UNTIL THE BUILDING IS COMPLETED.
4. ALL STRUCTURAL ITEMS FOR THIS PROJECT HAVE BEEN DESIGNED IN ACCORDANCE WITH APPROPRIATE PROVISIONS OF EACH OF THE FOLLOWING:
   A. THE FLORIDA BUILDING CODE, (SIXTH EDITION) 2017.
   B. AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" 360–10.
   C. ASCE 7–10 (WITH ERRATA DATED JANUARY 11, 2011) "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES".
5. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE MECHANICAL DRAWINGS. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE MECHANICAL ENGINEER PRIOR TO PERFORMING WORK. IN CASE OF CONFLICT THE MOST STRINGENT CONDITION SHALL APPLY.
6. ALL DIMENSIONS MUST BE COORDINATED WITH WITH THE EQUIPMENT MANUFACTURER (I.E. ROOF TOP UNIT, AIR HANDLER, ETC.). CONTRACTOR MUST OBTAIN AN MECHANICAL DIRECTIVE IN CASE OF ANY CONFLICT. REFER TO MECHANICAL DRAWINGS FOR DIMENSIONS NOT SHOWN IN STRUCTURAL DRAWINGS.

STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL WORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST A.I.S.C. SPECIFICATIONS.
2. STRUCTURAL STEEL SHALL CONFORM TO:

SHAPES (L,T,C,PL)	ASTM A36/A
STRUCTURAL TUBE (HSS)	ASTM A500 (46 KSI)
STEEL PIPE (HSS)	ASTM A500 (42 KSI)
FRAMING BOLTS	ASTM A325–94 OR A490–93
WELDING ELECTRODES	E70XX

3. ALL HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM SPECIFICATION A325 AND SHALL BE PROVIDED WITH HARDENED WASHERS UNDER THE TURNED ELEMENT (NUT OR BOLT HEAD).
4. INSTALLATION AND TIGHTENING OF ALL HIGH STRENGTH BOLTS SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS".
5. ALL WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY CODE, ANS01.1, ALL WELDING SHALL BE PERFORMED USING E70XX U.N.O.
6. CUTS, HOLES, COPINGS, ETC. REQUIRED IN STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES SHALL BE SHOWN IN THE STRUCTURAL STEEL SHOP DRAWINGS AND SHALL BE MADE IN THE SHOP. HOLES SHALL BE REINFORCED AS REQUIRED BY THE ENGINEER.
7. BURNING OF HOLES, CUTS, ETC. IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED, EXCEPT WITH THE SPECIFIC APPROVAL OF THE ENGINEER.
8. ALL STEEL MEMBERS EXPOSED TO WEATHER SHALL BE GALVANIZED.
9. ALL STEEL MEMBERS NOT EXPOSED TO WEATHER SHALL BE SHOP PRIMED.
10. ANY STEEL MEMBERS REQUIRED BY THE ELECTRICAL OR MECHANICAL TRADES FOR THE SUPPORT OF THEIR EQUIPMENT, WHICH ARE NOT SHOWN ON MECHANICAL OR STRUCTURAL DRAWINGS, SHALL BE PROVIDED BY THE TRADE REQUIRING SUCH SUPPORT.

SPECIALITY ENGINEER REQUIREMENTS:

1. THE FLORIDA STATE BOARD OF PROFESSIONAL ENGINEERS HAS ISSUED RULES ON RESPONSIBILITIES OF PROFESSIONAL ENGINEERS CONCERNING THE DESIGN OF STRUCTURES, PURSUANT TO CHAPTER 61G15–31 OF THE FLORIDA ADMINISTRATIVE CODE. CERTAIN COMPONENTS OF THE STRUCTURE REQUIRE THE WORK OF A SPECIALITY ENGINEER FOR THE DESIGN. ALL PROCEDURES STATED IN THE RULES SHALL APPLY TO THESE SPECIALITY COMPONENTS.

MECHANICAL EQUIPMENT WEIGHTS:

1. THE GENERAL CONTRACTOR SHALL SUBMIT ACTUAL WEIGHTS OF EQUIPMENT TO BE USED IN THE PROJECT TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOADS USED IN THE DESIGN AT LEAST 30–DAYS PRIOR TO FABRICATION AND CONSTRUCTION OF SUPPORTING STRUCTURE.

ROOF TOP EQUIPMENT ANCHORAGE:

1. ALL ROOF TOP EQUIPMENT CURBS, ROOF TOP MECHANICAL EQUIPMENT, EQUIPMENT TIE–DOWNS, AND ALL RELATED UNIT CONNECTIONS TO THE BUILDING STRUCTURE FOR WIND LOADING SHALL BE PROVIDED AND DESIGNED BY A REGISTERED SPECIALITY ENGINEER RETAINED BY THE INSTALLING CONTRACTOR EQUIPMENT SUPPLIER. SIGNED AND SEALED DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO ENGINEER OF RECORD FOR REVIEW AND APPROVAL.
2. THE EQUIPMENT MANUFACTURER SHALL PROVIDE THE ATTACHMENT OF THE UNIT TO THE STRUCTURE AND SUBMIT TO THE ENGINEER LOADS, LOCATIONS, AND METHODS OF ATTACHMENT. THE STRUCTURAL ENGINEER WILL MAKE PROVISIONS IN THE PRIMARY STRUCTURAL FRAME TO ACCOMMODATE THE LOADS AND ATTACHMENTS SUBMITTED BY THE MANUFACTURER.

WIND DESIGN DATA:

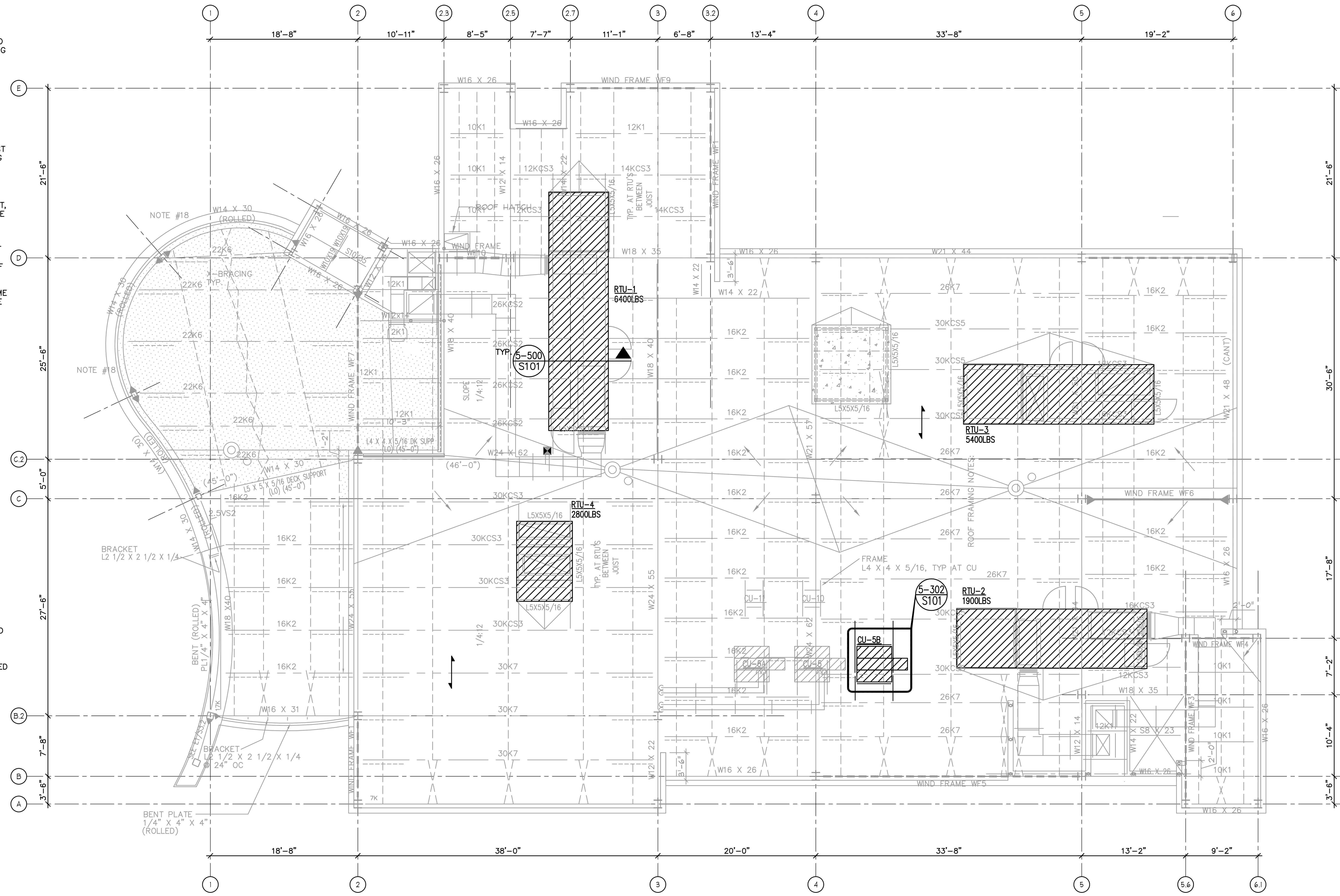
CODE: FLORIDA BUILDING CODE (6TH EDITION) 2017
ASCE 7–10
EXPOSURE CATEGORY: B
RISK CATEGORY: II
BASIC WIND SPEED: 142 MPH (Vult)
110 MPH (Vasd)
ROOF TOP COEFFICIENT: 1.9 HORIZ./1.5 VERT.
BASIC WIND PRESSURE USED: 20.8 PSF @ 46–FT (QH ASD)

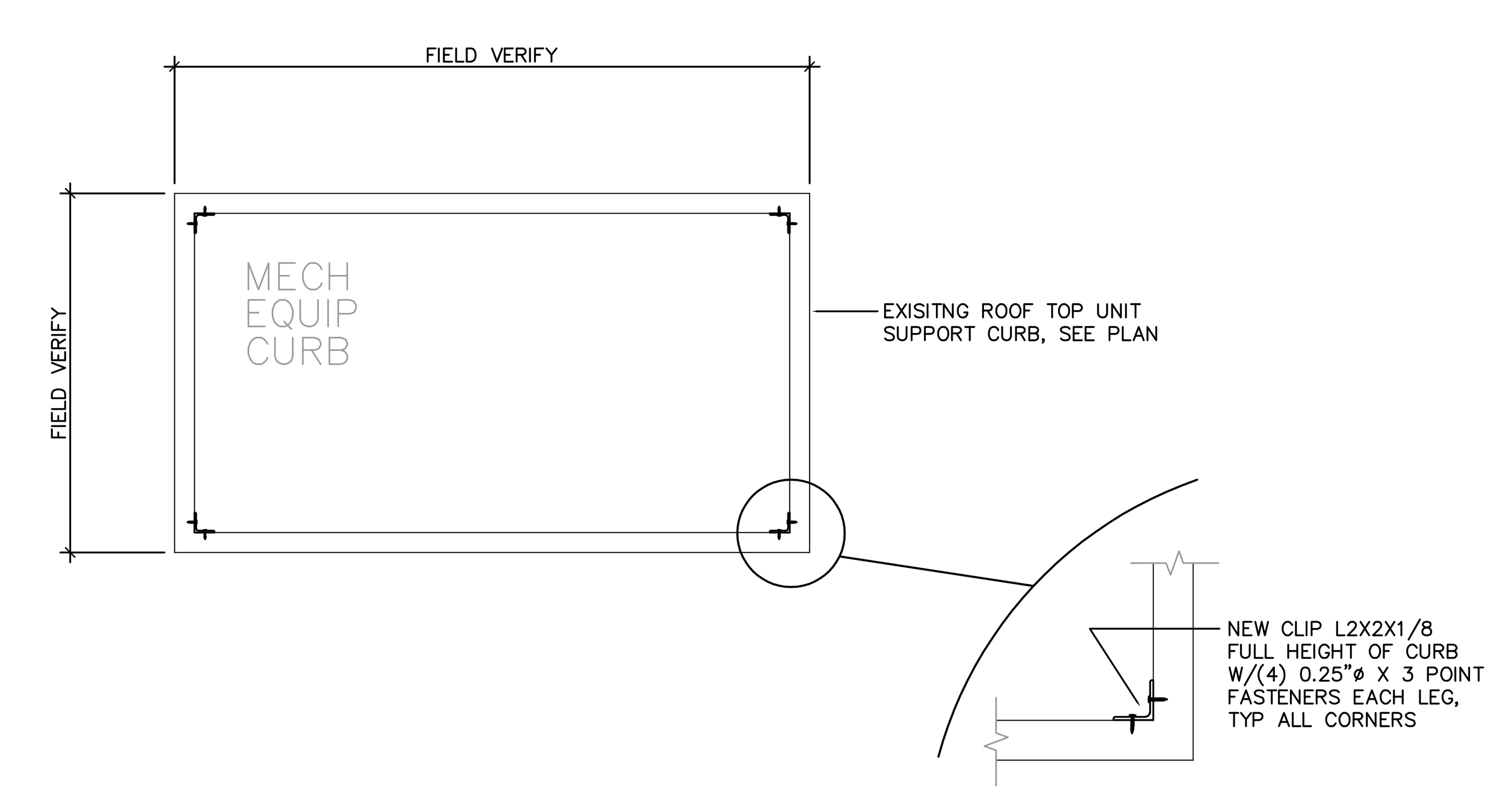
EXISTING ROOF FRAMING NOTES:

1. EXISTING ROOF FRAMING CONSISTS OF 1 1/2"– 20 GAGE TYPE "B" (WIDE RIB) METAL DECK SPANNING OVER OPEN WEB STEEL JOIST SPACED AT @ 5'–0" O.C. (U.N.O.).
2. DIRECTION OF METAL DECK SPAN SHOWN THUS ⟵⟶ ON PLAN.
3. FOR GENERAL STRUCTURAL NOTES SEE THIS SHEET.
4. FOR WIND DESIGN DATA SEE THIS SHEET.
5. FOR PLAN DIMENSIONS NOT SHOWN, SEE MECHANICAL AND ARCHITECTURAL DRAWINGS.

NEW ROOF FRAMING NOTES:

1. ROOF JOISTS DO NOT REQUIRE ANY ADDITIONAL STRENGTHENING FOR THE NEW ROOFTOP EQUIPMENT LOADING.
2. EXISTING ROOF CURBS TO BE RE–PURPOSED. REFER TO THE MECHANICAL DRAWINGS FOR ANY REQUIRED CURB MODIFICATIONS AND DETAIL 5–500/S101.
3. ANCHORAGE OF CURB TO ROOF STRUCTURE AS PER NOA OR DELEGATED DESIGN.
4. ANCHORAGE OF ROOF TOP UNIT TO CURB AS PER NOA OR DELEGATED DESIGN.

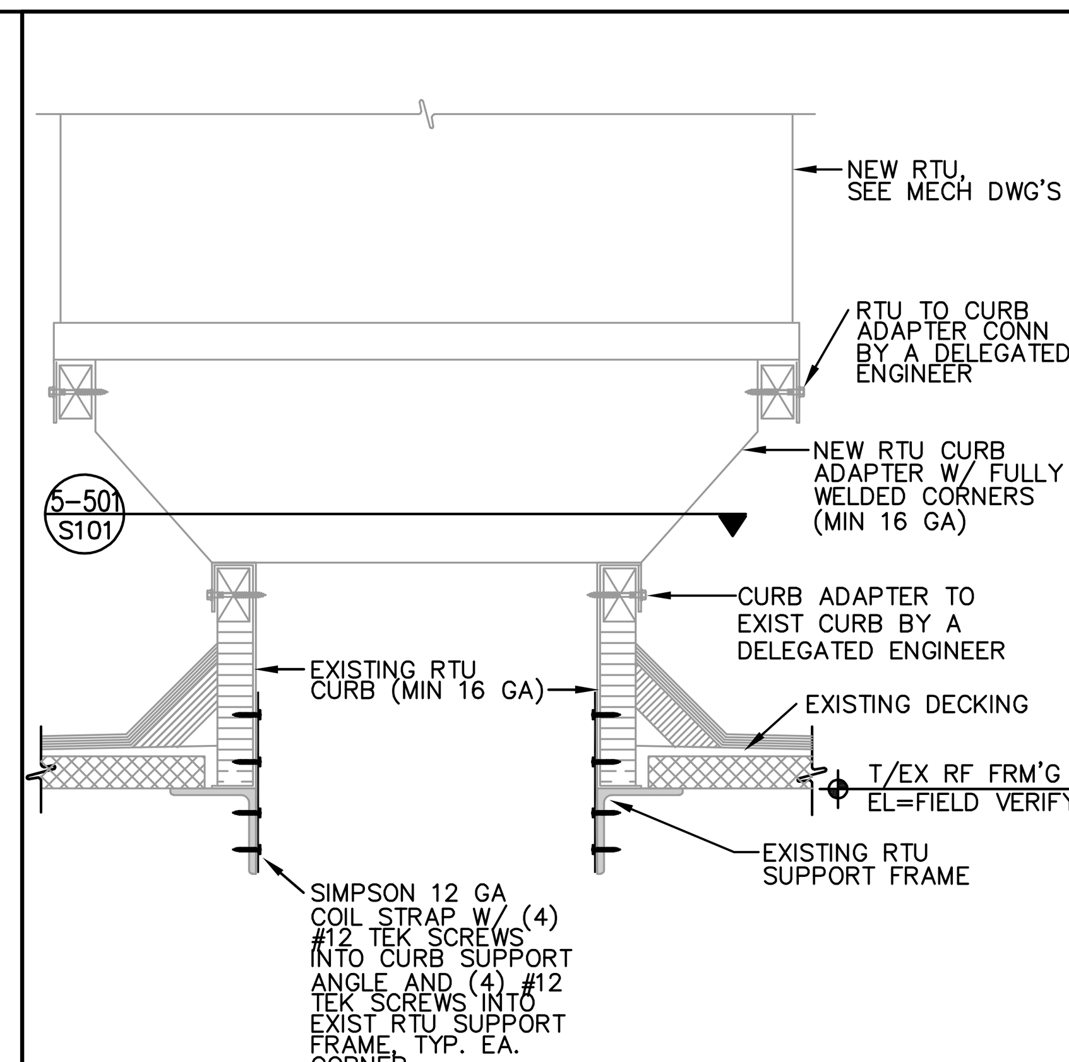




EXISTING RTU CURB REINFORCING DETAIL

SCALE: NONE

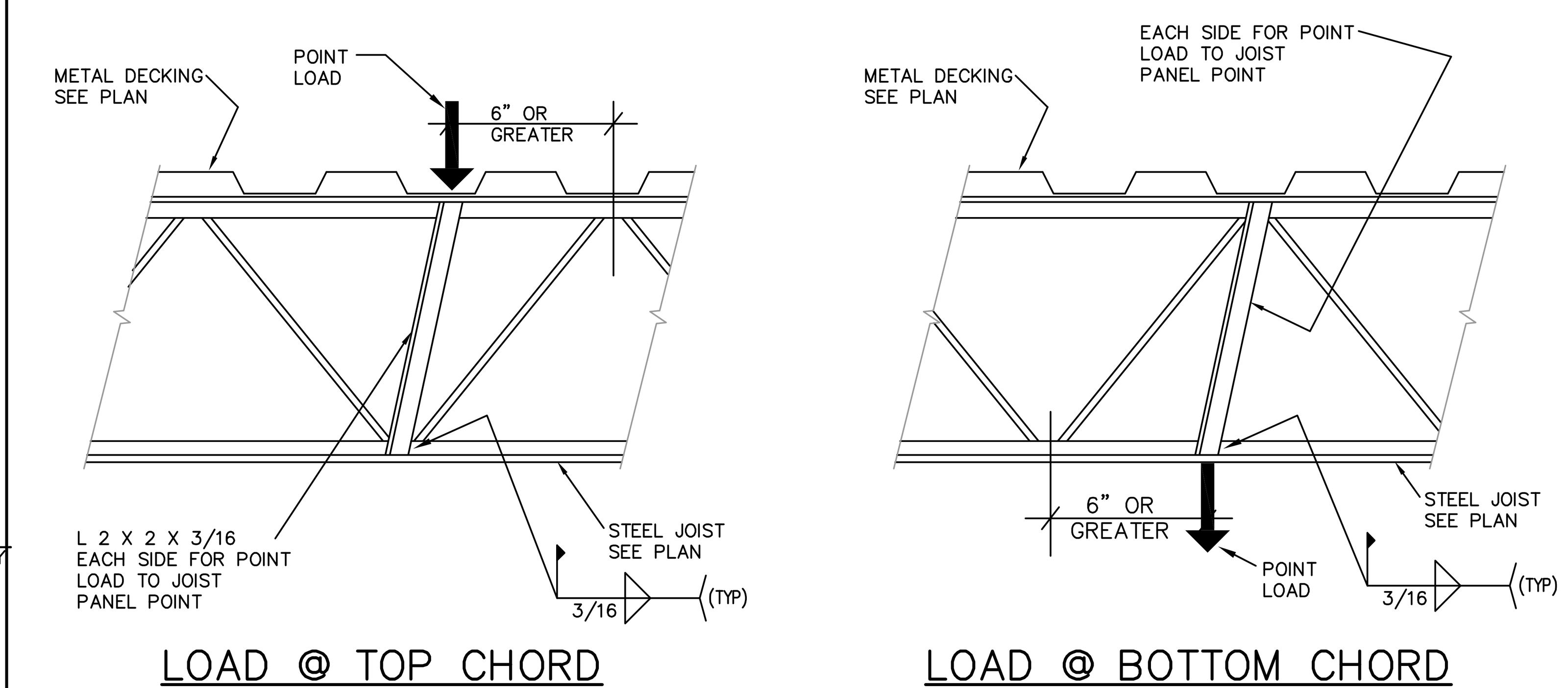
5–501



EXISTING RTU CURB/NEW RTU ADAPTER DETAIL

SCALE: NONE

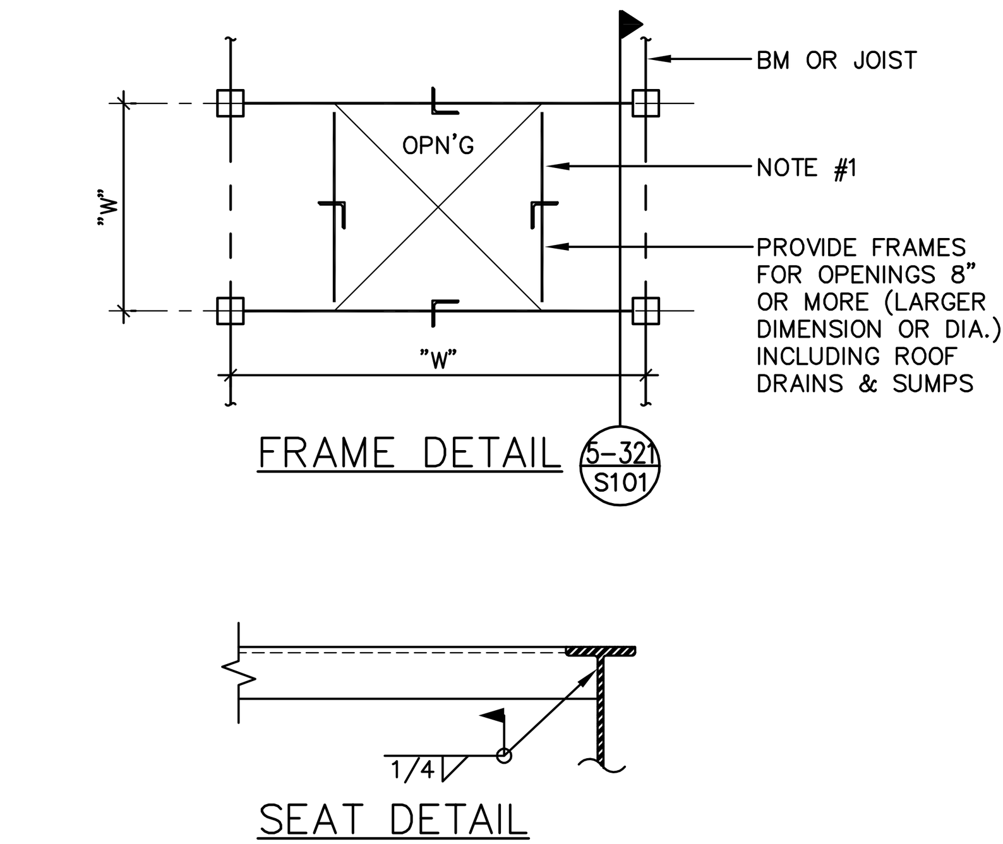
5–500



TYPICAL ADDITIONAL WEB REINFORCMENT FOR CONCENTRATED LOAD (WHEN POINT LOAD IS GREATER THAN 40 POUNDS)

SCALE: N.T.S.

5–321



NOTES:

1. ANGLES ALL SIDES UNLESS BEAMS SHOWN ON PLAN:
   L2X2X1/4 FOR "W" < 2'–0"
   L3X3X1/4 FOR "W" < 4'–0"
   L4X4X1/4 FOR "W" < 6'–0"
2. FOR "W" > 6'–0" USE L OR "W" BEAM. L SIZE OR DEPTH OF W BEAM. EQUAL TO SPAN DIMENSION IN INCHES. MINIMUM THICKNESS = 1/4".
3. FOR W > 10'–0" CONTACT ENGINEER OF RECORD FOR DETAIL.

TYP. ROOF OPN'G DETAIL

NO SCALE

5–302

TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF, THESE STRUCTURAL PLANS CONFORM TO AND SATISFY THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, (SIXTH EDITION) 2017, ACI 318–14, AND LOCAL CODES AS APPLICABLE.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RYAN BECKLEY, P.E. ON 05/06/2020 USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE **SHA** AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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STRUCTURAL CONSULTANTS
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CA: 8426 PROJ NO. 3104-135

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GENERAL NOTES & ROOF PLAN

S-101

HVAC GENERAL NOTES

THE FOLLOWING HVAC GENERAL NOTES APPLY TO GENERAL CONDITIONS OF HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) WORK REQUIRED FOR THIS PROJECT.

NO EXCLUSIONS FROM OR LIMITATIONS IN THE LANGUAGE USED IN THE CONTRACT DOCUMENTS SHALL BE INTERPRETED AS MEANING THAT THE EQUIPMENT, APPURTENANCES, AND/OR ACCESSORIES NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM ARE NOT TO BE PROVIDED AS REQUIRED. THE SEPARATE DIVISIONAL CONTRACT DOCUMENTS DO NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY TO PROVIDE THE WORK WHICH IS INDICATED ON ANY OF THE DIVISIONAL CONTRACT DOCUMENTS. REVIEW AND COORDINATE THE SCOPE OF WORK WITH ALL DOCUMENTS AND TRADES TO ASSURE A COMPLETE AND FUNCTIONAL SYSTEM IS BID AND INSTALLED.

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED TO COMMENCE AND COMPLETE HVAC WORK.

SUBMIT FULL SUBMITTALS OF ALL HVAC EQUIPMENT AND MATERIALS TO THE ENGINEER FOR REVIEW, WHETHER IT IS EXACTLY AS SPECIFIED OR NOT. WHERE ALTERNATE MANUFACTURERS ARE LISTED IN THE BOOK SPECIFICATIONS, ONE OF THOSE MANUFACTURERS SHALL BE PROVIDED UNLESS A REQUEST FOR SUBSTITUTION HAS BEEN SUBMITTED PRIOR TO BID AND THE MANUFACTURER SUBSEQUENTLY IS LISTED AS AN ACCEPTABLE MANUFACTURER IN AN ADDENDUM. FOR ALL EQUIPMENT WHICH HAS BEEN SCHEDULED DIRECTLY ON THE DESIGN DRAWINGS, PROVIDE WITHIN THE SUBMITTAL A PERFORMANCE SCHEDULE FOR THE PROPOSED EQUIPMENT IN THE SAME FORMAT AS INCLUDED ON THE DRAWINGS. FAILURE TO PROVIDE REQUIRED PERFORMANCE SCHEDULE WILL RESULT IN REJECTION OF THE ENTIRE SUBMITTAL.

BIND COMPLETE SUBMITTALS IN A THREE RING BINDER(S) WITH A TITLE SHEET AND IDENTIFICATION ON FRONT AND SIDE OF THE BINDER. CONTACT ENGINEER FOR PRIOR APPROVAL TO SUBMIT PDF EMAILED SUBMITTALS. SUBMIT ALL HVAC PRODUCTS SUBMITTALS ALL AT ONE TIME. PARTIAL SUBMITTALS WILL NOT BE ACCEPTED FOR REVIEW AND APPROVAL. INDEX ALL ITEMS AS APPLICABLE. SUBMITTALS THAT DEVIATE FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL LIST ALL DIFFERENCES IN A COVER LETTER ATTACHED TO FRONT OF THE SUBMITTAL. ANY UNLISTED DEVIATIONS FOUND DURING REVIEW WILL RESULT IN THE REJECTION OF THE ENTIRE SUBMITTAL. FOR ITEMS REVIEWED AND MARKED "REJECTED" OR "REVISE AND RESUBMIT", ONLY ONE ADDITIONAL RE-SUBMITTAL WILL BE REVIEWED TO VERIFY PRODUCT COMPLIANCE WITH THE CONTRACT DOCUMENTS. SHOULD FURTHER SUBMITTALS BE REQUIRED BY THE ENGINEER TO VERIFY THE SUBMITTAL WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, THE HOURLY RATE OF $150.00 WILL BE BILLED TO THE CONTRACTOR FOR THE ENGINEER'S TIME SPENT ON THE REVIEW.

THE CONTRACT DOCUMENTS AND SUBMITTALS OF ALL TRADES SHALL BE COORDINATED AND BE VIEWED IN CONNECTION AND CONJUNCTION WITH EACH OTHER TO INSURE THE PROPER LOCATION AND INSTALLATION OF ALL DEVICES AND EQUIPMENT. MAKE PARTICULAR NOTE OF LOCATIONS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL FLOOR PLANS AND ELEVATIONS.

HVAC DRAWINGS INDICATE THE SCHEMATIC LAYOUT AND LOCATION OF THE HVAC SYSTEM COMPONENTS. UNLESS SPECIFIC DIMENSIONS ARE NOTED, THE ACTUAL LOCATION OF THESE COMPONENTS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR IN COORDINATION WITH THE WORK OF OTHER TRADES, THE USE OF MANUFACTURER'S SUBMITTALS, AND SIMILAR CERTIFIED DATA.

CONTRACTOR SHALL CONDUCT A THOROUGH SITE VISIT INSPECTION PRIOR TO BID TO EXAMINE EXISTING CONDITIONS.

THE DIMENSIONS AND CONDITIONS SHOWN ON THE HVAC DESIGN DRAWINGS ARE BASED ON AVAILABLE EXISTING INFORMATION. AFTER WALLS AND/OR CEILINGS ARE REMOVED, VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO INSTALLATION TO ESTABLISH HVAC EQUIPMENT CLEARANCES. NOTIFY THE ENGINEER OF ANY DIMENSIONAL DISCREPANCIES.

NOTIFY THE ENGINEER OF ANY DAMAGE TO THE EXISTING INSTALLATION BEFORE PROCEEDING WITH THE WORK.

CONTRACTOR SHALL PROVIDE DROP CLOTHS, RUBBER MATS, AND/OR PLYWOOD COVERS OVER EXISTING INSTALLATIONS VULNERABLE TO DAMAGE DURING CONSTRUCTION. ALL DAMAGES CAUSED BY CONTRACTOR SHALL BE REIMBURSED TO OWNER.

THE SCHEDULING OF ALL WORK AND SHUTDOWNS OF ALL EXISTING SERVICES SHALL BE COORDINATED WITH THE OWNER TO THEIR SATISFACTION. THE OWNER RESERVES THE RIGHT TO DENY THE USE OF ANY TOOLS DUE TO NOISE.

DURING THE DEMOLITION PHASE(S), REMOVE ALL EXISTING HVAC SYSTEMS NO LONGER REQUIRED, INCLUDING BUT NOT LIMITED TO, DUCTWORK, PIPING, DUCT AND PIPING HANGERS, EXISTING UNUSED OR CAPPED DUCTWORK/PIPING, ETC. FOR ALL MISCELLANEOUS EXISTING DUCTWORK AND PIPING THAT MAY BE REQUIRED TO BE REMOVED BUT IS STILL CONNECTED TO A MAIN, REMOVE THE ENTIRE RUNOUT AND CAP AT MAIN TO MATCH EXISTING CONDITIONS. OWNER HAS FIRST RIGHT TO ALL EQUIPMENT BEING REMOVED REGARDLESS IF IT IS DESIGNATED ON THESE DRAWINGS TO BE DISPOSED.

CONTRACTOR IS RESPONSIBLE TO REPAIR ALL HOLES IN RATED WALLS AS A RESULT OF REMOVAL OF DUCTWORK/PIPING/ETC. TO THE ENGINEER'S SATISFACTION.

EXISTING DUCTWORK/PIPING THAT ARE TO REMAIN MAY CONFLICT WITH NEW RATED WALLS. CONTRACTOR SHALL PROVIDE UL PENETRATIONS AND/OR FIRE DAMPERS AT THESE LOCATIONS OR OFFSET DUCTWORK/PIPING AS REQUIRED WEATHER IT IS SPECIFICALLY SHOWN ON THESE DRAWINGS OR NOT.

ROOFING WORK SHALL MATCH EXISTING AND WORK SHALL BE PERFORMED BY AN AUTHORIZED ROOFING CONTRACTOR. ON BONDED ROOFS, ALL ROOFING WORK REQUIRED FOR THE INSTALLATION OF NEW EQUIPMENT SHALL BE RECERTIFIED BY COMPANY HOLDING THE BOND ON THE ROOF. THE ROOFING CONTRACTOR SHALL REVIEW THE OWNER(S) AND BONDING COMPANY(S) POLICIES, ROOF BONDING (WHEN APPLICABLE), ETC. BEFORE ANY ROOFING WORK IS COMPLETED, REMOVE ALL EXISTING ROOF EQUIPMENT SUPPORTS DOWN TO THE STRUCTURE THAT WILL NOT BE USED ON THE NEW INSTALLATION.

ALL HVAC EQUIPMENT INSTALLED OUTDOORS SHALL BE SECURED TO ITS CURB OR HOUSEKEEPING PAD AS DETAILED BY THE STRUCTURAL ENGINEER FOR THE REQUIRED WIND LOAD DESIGN.

ALL EXTERIOR EXPOSED MATERIALS SHALL BE CONSTRUCTED OF NON-FERROUS MATERIALS AND BE PAINTED WITH TWO COATS OF RUST INHIBITOR PAINT.

INSTALL AND TEST ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN ADEQUATE SERVICE SPACE AS REQUIRED. SERVICE SPACE SHALL BE CLEAR OF DUCTS, PIPES, CONDUITS, WALL STUDS, CEILING HANGERS, AND ANY OTHER CONSTRUCTION APPURTENANCE.

CONTRACTOR SHALL COORDINATE AND PROVIDE ALL CEILING/FLOOR/WALL ACCESS PANELS THAT MAY BE REQUIRED FOR THE INSTALLATION, INSPECTION, AND SERVICE OF HVAC EQUIPMENT WHETHER OR NOT IT IS SHOWN. ACCESS PANELS TO BE SELECTED BY THE ARCHITECT.

ALL HVAC EQUIPMENT SHALL BE LABELED WITH ENGRAVED, LAMINATED, PLASTIC SIGNS. SIGNS SHALL BE 1/8" THICK AND A MINIMUM OF 1-3/4" HIGH WITH 1" HIGH LETTERS. LENGTH OF THE SIGN SHALL BE THE SUM OF THE LETTERS/NUMBERS PLUS 3/4" ON EACH END. EXTERIOR SIGNS SHALL BE UV RATED, DESIGNATED AND MANUFACTURED TO BE EXPOSED TO THE ELEMENTS.

ALL WALL MOUNTED THERMOSTATS AND SIMILAR SENSORS SHALL BE INSTALLED AT A CENTER LINE ELEVATION OF 4'-O" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED ON DRAWINGS. LOCATION OF THE SENSORS SHALL BE COORDINATED WITH THE OTHER TRADES FOR A NEAT APPEARANCE. FINAL LOCATION OF THE SENSORS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. WHEN INSTALLED ON EXTERIOR WALLS, PROVIDE AN INSULATED SUB-BASE.

RETAIN THE SERVICES OF A CERTIFIED TEST AND BALANCE AGENCY TO TEST ALL HVAC SYSTEMS IN ACCORDANCE WITH AABC OR NEBB STANDARDS. RECORD ALL DATA ON STANDARD "AABC" OR OTHER APPROVED FORMS, AND SUBMIT TO THE ENGINEER FOR REVIEW.

AT PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 8 HOURS OF TRAINING ON THE OPERATION AND MAINTENANCE OF THE HVAC EQUIPMENT.

CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON PARTS AND LABOR FROM THE DATE OF SUBSTANTIAL COMPLETION.

PROVIDE COMMISSIONING IN ACCORDANCE WITH FLORIDA BUILDING ENERGY CODE.

SUPPLY, RETURN, TRANSFER, EXHAUST, AND OUTSIDE AIR DUCTWORK SHALL BE GALVANIZED SHEET METAL. SEAL ALL DUCT JOINTS WITH HARDCAST. ALL CONCEALED SUPPLY, RETURN, TRANSFER, AND OUTSIDE AIR DUCTS SHALL BE INSULATED WITH BLANKET TYPE INSULATION WITH VAPOR BARRIER (MINIMUM R = 6.0). DUCTWORK EXPOSED INSIDE MECHANICAL ROOMS SHALL BE EXTERNALLY INSULATED WITH RIGID FIBROUS DUCTBOARD WITH AN EPA LISTED ANTIMICROBIAL COATING. ALL DUCTWORK INSULATION SHALL BE LABELED AND MARKED AT REQUIRED INTERVALS PER THE FLORIDA BUILDING CODE, SECTION 604. EXHAUST AIR DUCTWORK SHALL NOT BE INSULATED UNLESS OTHERWISE SPECIFIED.

AS A DEDUCTIVE ALTERNATE:
SUPPLY, RETURN, AND TRANSFER AIR DUCTWORK SHALL BE 1-1/2" THICK (MINIMUM R=6) FIBROUS DUCTBOARD WITH AN EPA LISTED ANTIMICROBIAL COATING. DUCT TAPE AND TAPE APPLICATION PROCEDURES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "SMACNA' STANDARDS. TAPE SHALL ALSO BE APPROVED AND LISTED BY THE FIBERGLASS DUCT BOARD MANUFACTURER FOR USE WITH THEIR PRODUCT.

ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF "SMACNA" DUCT CONSTRUCTION STANDARDS. ALL DUCTWORK SHALL BE LEAK TESTED IN ACCORDANCE WITH SMACNA AND ASHRAE STANDARDS, AND BE WITNESSED BY THE TEST AND BALANCE AGENCY. DUCTS WITH A LEAKAGE RATE MORE THAN 2% WILL BE REJECTED. PROVIDE LEAKAGE TEST RESULTS TO ENGINEER. FABRICATE AND SEAL DUCTWORK PER THE FOLLOWING SCHEDULE (REFER TO THE EXTERNAL STATIC PRESSURE CRITERIA IN THE AIR HANDLING UNIT SCHEDULE FOR CORRESPONDING OPERATING PRESSURE):

OPERATING PRESSURE	DUCT PRESSURE CLASS	SEAL CLASS
UP TO 3" W.G.	3" W.G.	B

WHERE INDICATED ON HVAC EQUIPMENT SCHEDULES, EXTERNAL STATIC PRESSURE IS DEFINED AS NOT INCLUDING LOSSES DUE TO UNIT MOUNTED FILTERS OR MIXING BOXES. THOSE LOSES SHALL BE PART OF THE EQUIPMENT INTERNAL LOSSES, SAME AS THOSE CAUSED BY COILS, CABINET, ETC.

ALL NEW DUCTWORK SHALL NOT BE STORED IN UNCLEAN AREAS. PROTECT ALL DUCTWORK FROM DUST AND DEBRIS WHILE IT IS STORED ON SITE. WHILE UNDER CONSTRUCTION, ALL INSTALLED DUCTWORK SHALL BE TEMPORARILY SEALED WITH VISQUEEN PRIOR TO TEST AND BALANCE IN ORDER TO LIMIT ACCUMULATION OF CONSTRUCTION DUST INSIDE DUCTWORK SYSTEM. IF EITHER OF THESE PROCEDURES IS NOT CONDUCTED, THE ENTIRE ASSOCIATED DUCTWORK SYSTEM AND HVAC EQUIPMENT SHALL BE CLEANED TO THE ENGINEER'S SATISFACTION.

FLEXIBLE DUCTS SHALL BE FACTORY INSULATED WITH 3/4" THICK GLASS FIBER AND INCLUDE A VINYL VAPOR JACKET AND HELIX STEEL WIRE. "THERMAFLEX" TYPE MAKE OR APPROVED EQUAL. FLEXIBLE DUCT SHALL BE ATTACHED WITH "THERMAFLEX" WRAP LOCK SERIES 0902 CLAMPS. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 6'-O".

ALL DUCTWORK ELBOWS SHALL INCLUDE AIR FLOW DIRECTIONAL VANES AS PER "SMACNA" DUCT CONSTRUCTION STANDARDS. SPLITTER VANES SHALL BE PROVIDED IN ALL ELBOWS AND DUCT OFFSETS WITH ANGLES BETWEEN 15 DEGREE AND 90 DEGREES AS PER FIG. 2-5 OF THE SMACNA MANUAL. 90 DEGREE ELBOWS SHALL HAVE TURNING VANES.

PROVIDE CONICAL SPIN-IN FITTINGS AT ALL CONNECTIONS OF ROUND SHEET METAL OR FLEXIBLE SUPPLY AIR DUCTS TO RIGID RECTANGULAR DUCT.

DUCTWORK, AIR DEVICES, AND OTHER ITEMS OF THE AIR DISTRIBUTION SYSTEM SHALL BE SUPPORTED DIRECTLY FROM THE BUILDING STRUCTURE AND NOT FROM THE CEILING OR CEILING SUSPENSION SYSTEM. AIR DEVICES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE FROM AT LEAST TWO POINTS. COORDINATE LOCATION OF AIR DEVICES, WALLCAPS, ROOFCAPS, AND LOUVERS WITH ALL OTHER TRADES.

ALL BALANCING DAMPERS SHALL BE OPPOSED BLADE TYPE. PROVIDE A ONE FOOT LONG PLASTIC STRIP OF MATERIAL FROM ALL DAMPER HANDLES TO ASSIST TEST AND BALANCE AGENCY IN IDENTIFYING ALL DAMPERS. REMOVE MATERIAL FROM EXPOSED DAMPERS AFTER SUBSTANTIAL COMPLETION.

IN AREAS WHERE THE BALANCING DAMPER INSTALLATION PROHIBITS ACCESS FOR TEST AND BALANCE, PROVIDE MANUAL REMOTE CABLE CONTROL EQUAL TO YOUNG REGULATOR MODEL 830ACC/270-896. ACCESS TO END OF CABLE TO BE FLUSH IN CEILING NEATLY CONCEALED WITH THREADED CAP. PAINT CAP TO MATCH CEILING COLOR. INDICATE LOCATIONS OF ALL CAPS IN A FLOOR PLAN INCLUDED IN THE SUBMITTALS AND OBTAIN APPROVAL FROM ENGINEER PRIOR TO INSTALLATION.

PROVIDE ADDITIONAL DUCTWORK AND PIPING SUPPORTS ON BOTH SIDES AND WITHIN 18" OF FIRE RATED WALLS. DUCTWORK OR PIPING SHALL NOT BE SUPPORTED FROM ANY FIRE RATED WALL.

ALL DUCTWORK AND/OR PIPING MUST BE INSTALLED 6" AWAY FROM ANY FIRE RATED WALL.

DUCT MOUNTED SMOKE DETECTORS SHALL BE FURNISHED AND WIRED BY ELECTRICAL CONTRACTOR. DETECTORS SHALL COMPLY WITH UL 268A. HVAC DRAWINGS INDICATE THE APPROXIMATE LOCATION OF DUCT DETECTORS. HVAC CONTRACTOR SHALL ASSIST THE ELECTRICAL CONTRACTOR IN LOCATING AND INSTALLING THE DETECTORS IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. WHEN RECOMMENDED CLEARANCES CAN NOT BE MAINTAINED, SIMULATE A SMOKE AIRFLOW TEST OF EACH DEVICE AND PROVIDE A COPY OF THE FIELD TEST TO THE ENGINEER. PROVIDE A DUCT ACCESS DOOR ADJACENT TO EACH DUCT MOUNTED SMOKE DETECTOR TO FACILITATE INSPECTION OF DUCT DETECTOR TUBES.

CONTRACTOR SHALL TEST ALL DUCT MOUNTED SMOKE DETECTORS, FIRE/SMOKE DAMPERS, AIR HANDLING UNIT AND EXHAUST FAN INTERLOCKS AND FIRE ALARM CONNECTIONS AND REPORT ANY DEFICIENCIES TO OWNER. RETEST AS REQUIRED UNTIL ALL ARE FUNCTIONAL.

CONTRACTOR SHALL COORDINATE AND PROVIDE ALL DUCTWORK ACCESS PANELS THAT MAY BE REQUIRED FOR THE INSTALLATION, INSPECTION, AND SERVICE OF HVAC DAMPERS, SENSORS, ETC., WHETHER OR NOT IT IS SHOWN. DUCT ACCESS DOORS SHALL BE MINIMUM 12" X 12" INSULATED AND DOUBLE GASKETED. ACCESS DOOR SHALL NOT REQUIRE TOOLS TO BE OPENED.

PROVIDE FLEXIBLE CONNECTIONS BETWEEN ALL AIR MOVING APPARATUS AND DUCTWORK. RECOMMENDED WIDTH IS 4".

PROVIDE P-TRAPS AT ALL CONDENSATE DRAIN LINE CONNECTIONS. SLOPE DRAIN LINES TOWARD THE POINT OF DISCHARGE (MIN 1/8"/FOOT). INSULATE CONDENSATE DRAIN LINES WITH 3/4" THICK SEAMLESS CLOSED CELL RUBBER PIPE INSULATION. CONDENSATE DRAIN LINES TO BE (PVC). LINES SHALL BE ONE DIAMETER LARGER THAN THE UNIT DRAIN CONNECTION, BUT NOT LESS THAN 3/4 INCH. PROVIDE CLEANOUTS AT ALL CHANGES OF DIRECTION.

REFRIGERANT LINES SHALL BE SIZED PER THE AIR CONDITIONING EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE SIZING AND ACCESSORY DATA WITH THE EQUIPMENT PACKAGE SUBMITTAL. PIPING IS TO BE FILLED WITH DRY NITROGEN WHILE SOLDERING. TEST, CLEAN, AND DEHYDRATE PIPES AND PROVIDE CRITICAL CHARGE OF REFRIGERANT AS PER EQUIPMENT MANUFACTURER'S RECOMMENDATION. PROVIDE ALL NECESSARY VALVES, TRAPS, FILTER/DRYERS, SIGHT GLASS, ETC. AS REQUIRED FOR A COMPLETE AND READY TO OPERATE INSTALLATION. INCLUDE ACCESSIBLE SERVICE FITTINGS. BI-FLOW LIQUID LINE FILTER DRYER SHALL BE PROVIDED IN HEAT PUMP UNITS.

ALL REFRIGERANT PIPING SHALL BE INSULATED WITH 3/4" THICK SEAMLESS CLOSED CELL RUBBER PIPE INSULATION. INSULATION EXPOSED TO THE OUTSIDE ENVIRONMENT SHALL BE PAINTED WITH TWO COATS OF UV-RESISTANT WHITE ARMAFLEX PAINT.

HVAC SYMBOLS

SYMBOL	DESCRIPTION
	REVISION NUMBER - SHOWN ON PLANS
- / ---	NUMBER OF DETAIL ON SHEET / NUMBER OF SHEET WHERE DETAIL APPEARS
1	KEYNOTE
	CONTINUATION SYMBOL
16"x8"	SQUARE DUCT SIZE TAG (WIDTH x HEIGHT)
16"/8"	OVAL DUCT SIZE TAG (WIDTH / HEIGHT)
16"Ø	ROUND DUCT SIZE TAG (DIAMETER)
S/A	SUPPLY AIR
O/A	OUTSIDE AIR
R/A	RETURN AIR
T/A	TRANSFER AIR
E/A	EXHAUST AIR
S/EA	STAIRWELL PRESSURIZATION
DROP	RECTANGULAR SUPPLY/OUTSIDE AIR DUCT RISE
DROP	ROUND SUPPLY/OUTSIDE AIR DUCT RISE
DROP	RECTANGULAR RETURN/TRANSFER AIR DUCT RISE
DROP	ROUND RETURN/TRANSFER AIR DUCT RISE
DROP	RECTANGULAR EXHAUST/RELIEF AIR DUCT RISE
DROP	ROUND EXHAUST/RELIEF AIR DUCT RISE
SUPPLY OUTLET	RETURN/EXHAUST INLET
C 12" 500 (0' - 0"AFF)	INLET/OUTLET SIZE; GRILLES, REGISTERS, AND DIFFUSERS TAG; CFM; ELEVATION (CENTER OF DIFFUSER FACE); TYPE (SEE SCHEDULE)
C 10"-48"-1 500	LINEAR DIFFUSER; PLENUM BOX INLET SIZE; LINEAR LENGTH; # OF SLOTS; CFM; TYPE (SEE SCHEDULE)
	MECHANICAL EQUIPMENT
XXX-X	MECHANICAL EQUIPMENT TAG
	MANUAL BALANCING DAMPER
	FIRE DAMPER
	SMOKE DAMPER
	COMBINATION FIRE/SMOKE DAMPER
2"	PIPE SIZE TAG (DIAMETER)
	ABOVE GROUND PIPING
1/8" / 12" SLOPE	PIPE SLOPE TAG
	BELOW GROUND PIPING
INV. ELEV:-5' - 1"	PIPE INVERT ELEVATION TAG
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
REF	REFRIGERANT-LIQUID
CD	CONDENSATE DRAINAGE
	PIPE DROP
	PIPE RISE
	PIPE TEE
	CAP
	PIPING TRANSITION
	PIPING MOUNTED 2-WAY VALVE
T	TEMPERATURE SENSOR
M	MOTORIZED ACTUATOR
FS	FLOAT SWITCH WATER LEVEL SENSOR

HVAC CODE CRITERIA

THE FOLLOWING IS A LIST OF ALL CODES ADOPTED DECEMBER 31, 2017 BY THE STATE FIRE MARSHALL'S RULE 69A3.012 F.A.C.:

* FLORIDA BUILDING CODE 6TH EDITION (2017) - ALL SECTIONS
* FLORIDA ENERGY EFFICIENCY CODE (FBC 2017), FLORIDA ENERGY CODE SOFTWARE: ENERGYGAUGE SUMMIT VERSION 6.00
* FLORIDA FIRE PREVENTION CODE 6TH EDITION (2017)

69A-3.012 STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION ADOPTED.
(1) EXCEPT AS SPECIFICALLY MODIFIED BY STATUTE OR BY THE STATE FIRE MARSHAL'S RULES, THE "FLORIDA FIRE PREVENTION CODE, 6TH EDITION (2017)," WHICH IS COMPRISED OF THE FLORIDA SPECIFIC EDITION OF NFPA 101, THE LIFE SAFETY CODE (2015 EDITION) AND THE FLORIDA SPECIFIC EDITION OF NFPA 1, THE FIRE CODE (2015 EDITION), ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S. IN ADDITION, THE FOLLOWING STANDARDS, EXCEPT AS SPECIFICALLY MODIFIED IN THE RULE CHAPTERS IN RULE TITLE 69A, ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND SHALL TAKE EFFECT ON THE EFFECTIVE DATE OF THIS RULE, AS A PART OF THE UNIFORM FIRE SAFETY STANDARDS ADOPTED BY RULE BY THE STATE FIRE MARSHAL AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S.:

* NFPA 13, 2013 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
* ASHRAE STANDARD 62.1-2016, VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY
* NFPA 70, 2014 EDITION, NATIONAL ELECTRIC CODE
* NFPA 72, 2013 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE
* NFPA 90A, 2015 EDITION, STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATING SYSTEMS
* NFPA 241, 2013 EDITION, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS

AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS, INC. (ASHRAE) (INCLUDING ALL APPROVED ADDENDUM):

* ASHRAE FUNDAMENTALS 2017
* ASHRAE GUIDELINE 4-2008, PREPARATION OF OPERATING AND MAINTENANCE DOCUMENTATION FOR BUILDING SYSTEMS
* ASHRAE STANDARD 111-2008, MEASUREMENT, TESTING, ADJUSTING AND BALANCING OF BUILDING HEATING, VENTILATION AND AIR-CONDITIONING SYSTEMS
* ASHRAE 62.1 -2016, VENTILATION AND ACCEPTABLE INDOOR AIR QUALITY

SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION (SMACNA) (INCLUDING ALL APPROVED ADDENDUM):

* HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE, 3RD EDITION, 2005
* HVAC SYSTEM DUCT DESIGN, 4TH EDITION, 2006
* FIBROUS GLASS DUCT CONSTRUCTION STANDARDS, 7TH EDITION, 2003

OTHER:

* LOCAL CODES AND ORDINANCES

NOTE: TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THESE HVAC DESIGN DRAWINGS COMPLY WITH THE ABOVE CODE CRITERIA. WHEN TWO OR MORE CODES OR STANDARDS ARE IN CONFLICT, THE MORE STRINGENT SHALL APPLY.

HVAC LOAD CALCULATION DESIGN CRITERIA

PROJECT LOCATION	---	TAMPA, FLORIDA
OUTDOOR SUMMER TEMP (DB/WB)	DEG F/DEG F	92.4/77.4
OUTDOOR WINTER TEMP (DB)	DEG F	38.4
INDOOR SUMMER TEMP (DB/WB)	DEG F/DEG F	75.0/70.0
INDOOR WINTER TEMP (DB)	DEG F	70.0
FLOOR INSULATION	R-VALUE	R-0 (EXISTING)
WALL INSULATION (TOTAL)	R-VALUE	R-20 (EXISTING)
ROOF INSULATION (TOTAL)	R-VALUE	R-20 (EXISTING)
WINDOW GLASS TYPE	U-VALUE, SHADE COEF	U-0.5, SC-0.9 (EXISTING)

HVAC OUTSIDE AIR CALCULATION / AIR BALANCE SUMMARY

TAG	AREA (SQ FT)	NUMBER OF PEOPLE	OUTSIDE AIR REQUIRED (CFM)	OUTSIDE AIR PROVIDED (CFM)	EXHAUST AIR PROVIDED (CFM)
(N) RTU-1	8,589	160	2,063	2,065	-
(N) RTU-2	4,566	44	753	755	-
(N) RTU-3	7,085	69	1,150	1,150	-
(N) RTU-4	4,088	70	756	760	-
(E) EF-1	-	-	-	-	900
TOTAL AIR BALANCE				4,730	900
				3,830 CFM POSITIVE	

NOTES:

1. CONTRACTOR SHALL CONFIRM THE ABOVE INSULATION VALUES WITH THE ARCHITECT, BUILDING ENVELOP SUBMITTALS, ENERGY CALCULATIONS, AND EXISTING CONDITIONS PRIOR TO THE START OF CONSTRUCTION. MECHANICAL SUBMITTALS SHALL INCLUDE A CONFIRMATION LETTER STATING THEIR COORDINATION.
2. AIR CONDITIONING LOAD CALCULATIONS ARE ATTACHED TO THE ENERGY EFFICIENCY CODE FORMS.
3. THE REQUIRED OUTSIDE AIR DOCUMENTED IN THE CALCULATION SUMMARY ABOVE IS BASED ON CALCULATIONS RESULTING FROM ASHRAE STANDARD 62.1-2016. THESE CALCULATIONS ARE ATTACHED TO THE ENERGY EFFICIENCY CODE FORMS.

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THEA TMC OFFICE RENOVATIONS

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Project number
1924

DISTRIBUTION

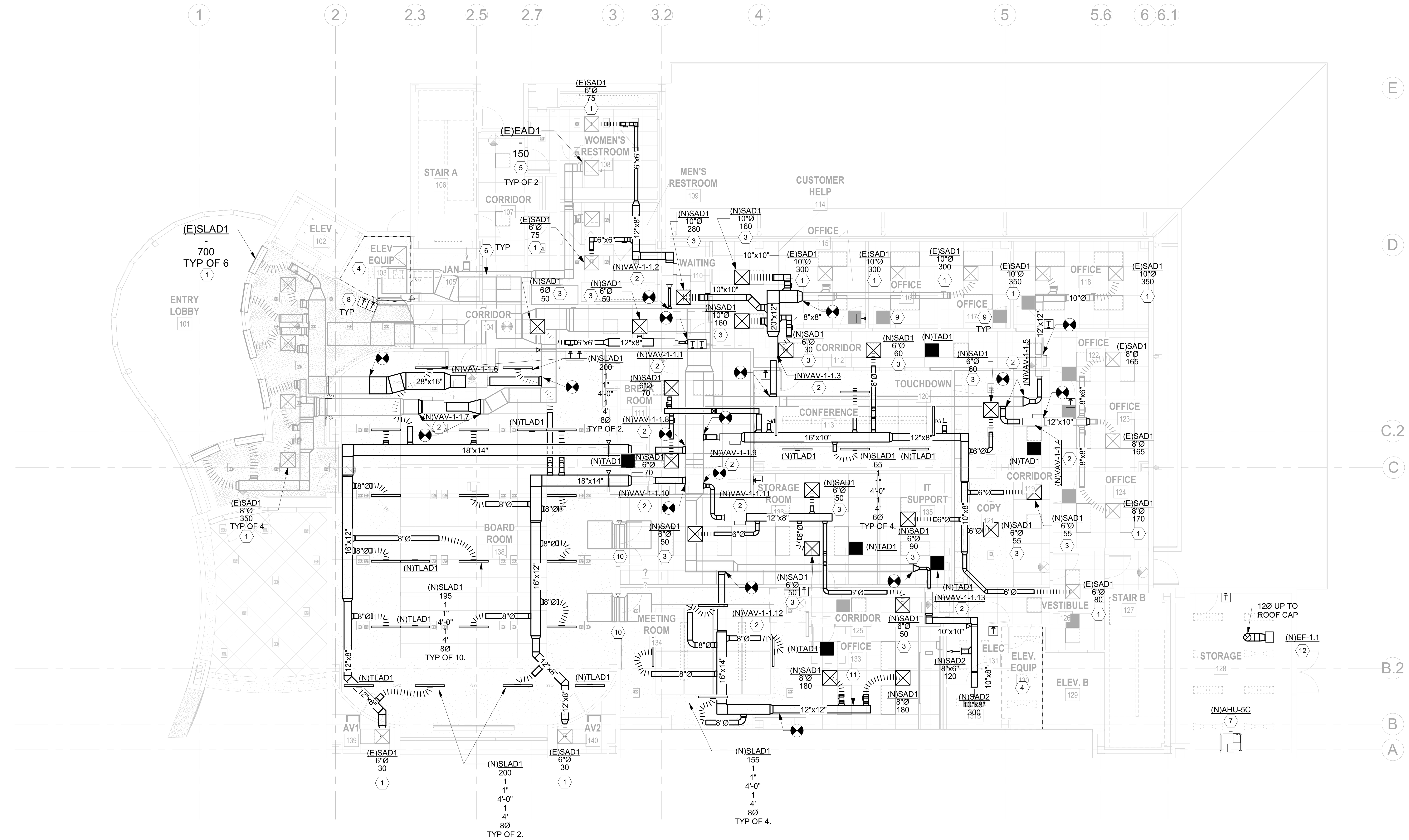
MILESTONE	DATE
PERMIT SET	5-7-2020

LEGENDS, NOTES, AND ABBREVIATIONS

M-000

Keynote Legend

Key Value	Keynote Text
1	EXISTING SUPPLY DIFFUSER. RE-BALANCE DIFFUSER PER AIRFLOW SHOWN ON PLANS. CONTRACTOR TO VERIFY IF NECK SIZE IS APPROPRIATE FOR NEW BALANCED CFM. IF NOT ADEQUATE, DEMOLISHED EXISTING DUCTWORK CONNECTION FROM MAIN TRUNK AND PROVIDE APPROPRIATE SIZED DUCTWORK CONNECTION TO EXISTING DIFFUSER.
2	NEW ABOVE CEILING VAV BOX. REFER TO MECHANICAL DETAILS FOR INSTALLATION REQUIREMENTS.
3	NEW SUPPLY DIFUSSER WITH ASSOCIATED DUCTWORK. NEW DIFFUSER TO MATCH EXISTING DIFFUSER DESIGN IN AREA.
4	NO WORK DONE IN THIS AREA.
5	EXISTING EXHAUST DEVICE. RE-BALANCE DIFFUSER AS SHOWN ON PLANS.
6	EXISTING EXHAUST DUCTWORK TO REMAIN.
7	NEW FLOOR MOUNTED CRAC UNIT. ROUTE REFRIGERANT PIPING FROM UNIT TO NEW CONDENSING UNIT MOUNTED ON ROOF. COORDINATE LINE LENGTHS REQUIRED WITH MANUFACTURER. SIZE AND PROVIDE ALL ACCESSORIES AS REQUIRED PER MANUFACTURER'S SPECIFICATION.
8	PROVIDE NEW THERMOSTAT.
9	ALL ROOMS WHICH WALLS GO TO DECK SHOULD HAVE A TRANSFER GRILLE DUCTED TO MAIN CORRIDOR. THERE SHOULD BE A MINIMUM OF TWO (2) 90 DEGREE TURNS TO AOVID NOISE TRANSFERING.
10	EXISTING ABOVE CEILING RETURN AIR TRANSFERS TO REMAIN.
11	ALL DUCTWORK IN OFFICE 133 TO BE WRAPPED WITH SOUND PROOFING EQUAL TO ACOUSTICMAC SOUNDLOCK MASS LOADED VINYL 1 LB SOUNDPROOFING BARRIER, 1/8" THICKNESS.
12	CEILING MOUNTED EXHAUST FAN. REFER TO HVAC DETAILS/SCHEDULES FOR SPECIFICATION AND INSTALLATION REQUIREMENTS.



1 LEVEL 1 - FLOOR HVAC PLAN
1/8" = 1'-0"

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THEA TMC OFFICE RENOVATIONS

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Project number
1924

DISTRIBUTION

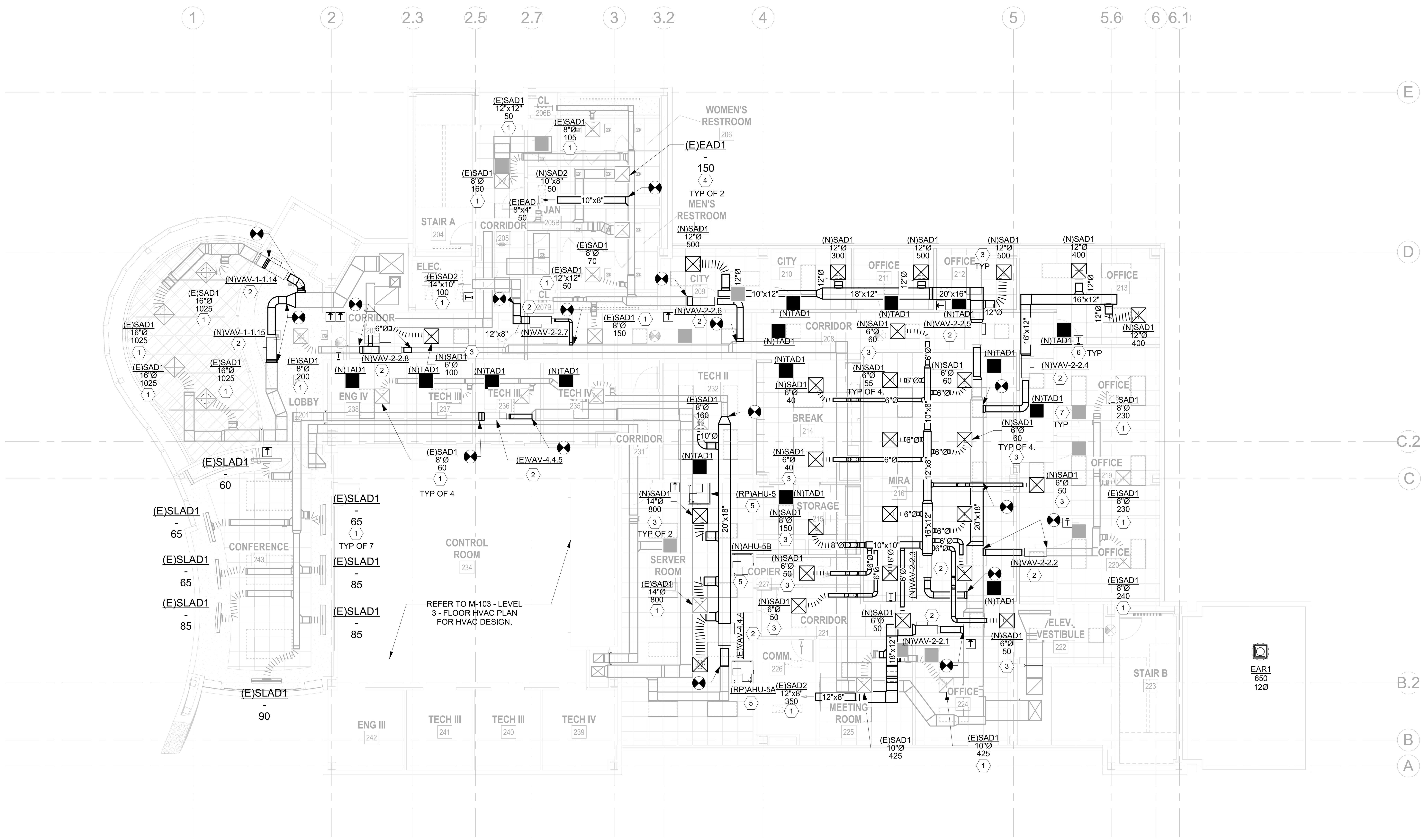
MILESTONE	DATE
PERMIT SET	5-7-2020

LEVEL 1 - FLOOR HVAC PLAN

M-101

Keynote Legend

Key Value	Keynote Text
1	EXISTING SUPPLY DIFFUSER. RE-BALANCE DIFFUSER PER AIRFLOW SHOWN ON PLANS. CONTRACTOR TO VERIFY IF NECK SIZE IS APPROPRIATE FOR NEW BALANCED CFM. IF NOT ADEQUATE, DEMOLISHED EXISTING DUCTWORK CONNECTION FROM MAIN TRUNK AND PROVIDE APPROPRIATE SIZED DUCTWORK CONNECTION TO EXISTING DIFFUSER.
2	NEW ABOVE CEILING VAV BOX. REFER TO MECHANICAL DETAILS FOR INSTALLATION REQUIREMENTS.
3	NEW SUPPLY DIFUSSER WITH ASSOCIATED DUCTWORK. NEW DIFFUSER TO MATCH EXISTING DIFFUSER DESIGN IN AREA.
4	EXISTING EXHAUST DEVICE. RE-BALANCE DIFFUSER AS SHOWN ON PLANS.
5	PROVIDE NEW CRAC UNITS. ROUTE REFRIGERANT PIPING UP TO NEW CU'S ON ROOF. TERMINATE CONDENSATE WHERE EXISTING UNITS TERMINATED AT.
6	PROVIDE NEW THERMOSTAT.
7	ALL ROOMS WHICH WALLS GO TO DECK SHOULD HAVE A TRANSFER GRILLE DUCTED TO MAIN CORRIDOR. THERE SHOULD BE A MINIMUM OF TWO (2) 90 DEGREE TURNS TO AOVID NOISE TRANSFERING.



1 LEVEL 2 - FLOOR HVAC PLAN
1/8" = 1'-0"

Wannemacher Jensen Architects, Inc.
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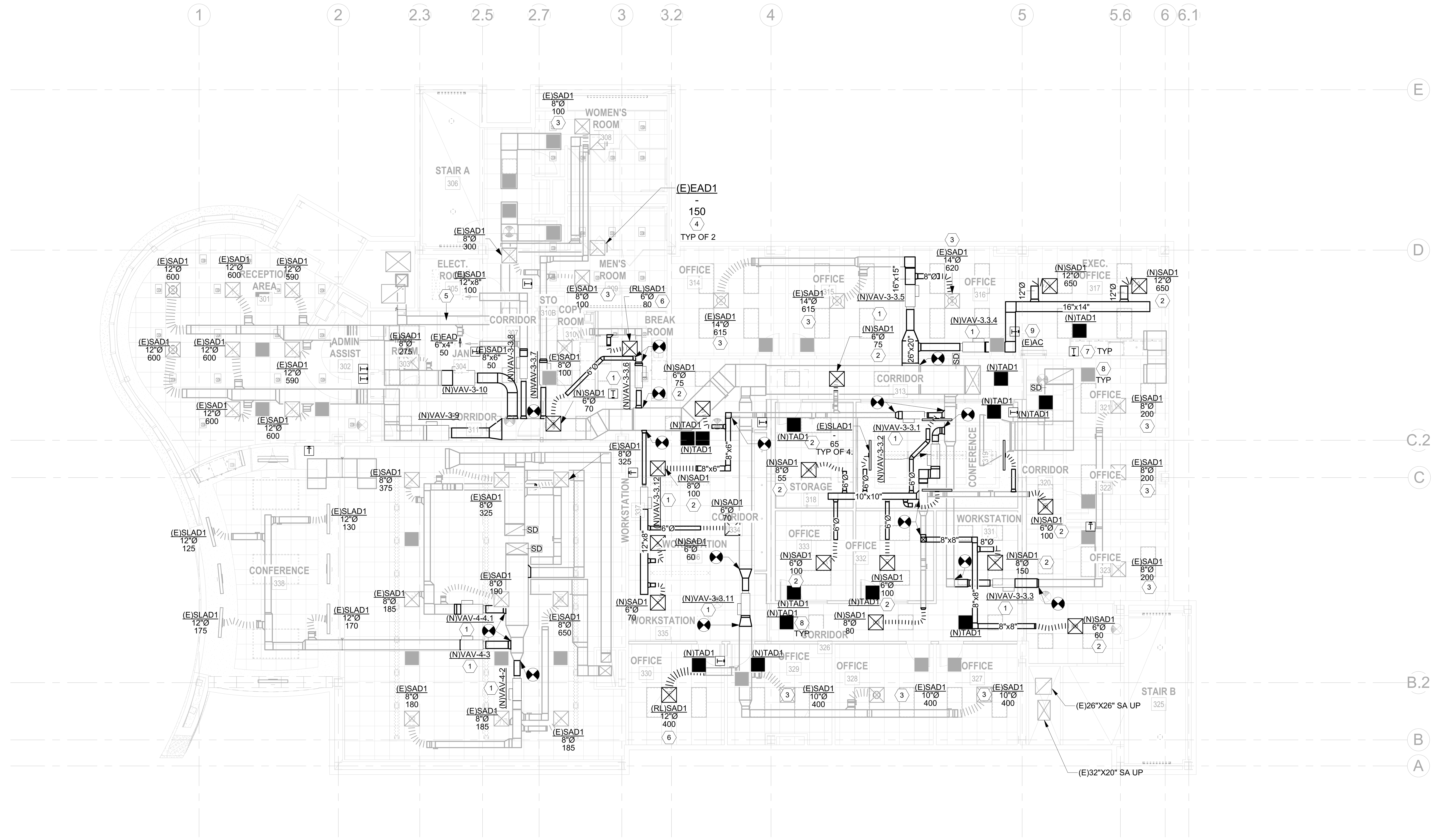
LEVEL 2 - FLOOR HVAC PLAN

M-102

Keynote Legend

Key Value	Keynote Text
1	NEW ABOVE CEILING VAV BOX. REFER TO MECHANICAL DETAILS FOR INSTALLATION REQUIREMENTS.
2	NEW SUPPLY DIFUSSER WITH ASSOCIATED DUCTWORK. NEW DIFFUSER TO MATCH EXISTING DIFFUSER DESIGN IN AREA.
3	EXISTING SUPPLY DIFFUSER. RE-BALANCE DIFFUSER PER AIRFLOW SHOWN ON PLANS. CONTRACTOR TO VERIFY IF NECK SIZE IS APPROPRIATE FOR NEW BALANCED CFM. IF NOT ADEQUATE, DEMOLISHED EXISTING DUCTWORK CONNECTION FROM MAIN TRUNK AND PROVIDE APPROPRIATE SIZED DUCTWORK CONNECTION TO EXISTING DIFFUSER.
4	EXISTING EXHAUST DEVICE. RE-BALANCE DIFFUSER AS SHOWN ON PLANS.
5	EXISTING EXHAUST DUCTWORK TO REMAIN.
6	EXISTING SUPPLY DIFFUSER TO RELOCATED. RE-BALANCE DIFFUSER PER AIRFLOW SHOWN ON PLANS. CONTRACTOR TO VERIFY IF NECK SIZE IS APPROPRIATE FOR NEW BALANCED CFM. IF NOT ADEQUATE, DEMOLISHED EXISTING DUCTWORK CONNECTION FROM MAIN TRUNK AND PROVIDE APPROPRIATE SIZED DUCTWORK CONNECTION TO EXISTING DIFFUSER.
7	PROVIDE NEW THERMOSTAT.
8	ALL ROOMS WHICH WALLS GO TO DECK SHOULD HAVE A TRANSFER GRILLE DUCTED TO MAIN CORRIDOR, THERE SHOULD BE A MINIMUM OF TWO (2) 90 DEGREE TURNS TO AOVID NOISE TRANSFERING.
9	RELOCATE EXISTING WALL HUNG AC UNIT ABOVE DOOR AS SHOWN. RE-ROUTE ASSOCIATED ACCESSORIES AND PIPING AS REQUIRED. REFER TO MD-103 FOR OLD LOCATION.



1 LEVEL 3 - FLOOR HVAC PLAN
1/8" = 1'-0"

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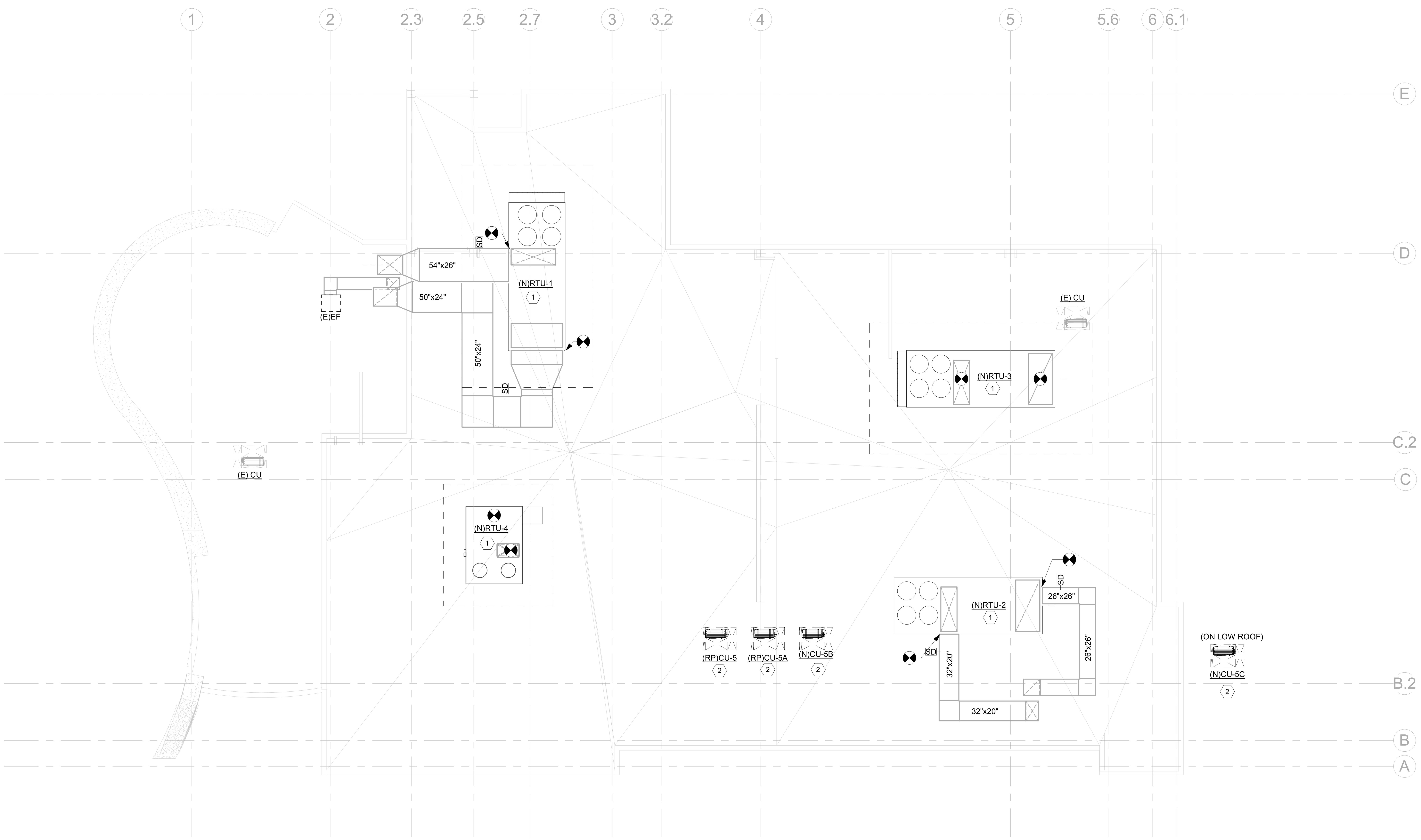
LEVEL 3 - FLOOR HVAC PLAN

M-103

Keynote Legend

Key Value	Keynote Text
1	NEW ROOF TOP UNITS TO BE INSTALLED ON EXISTING ROOF CURB WITH NEW ROOF CURB ADAPTER. REFER TO HVAC SCHEDULES AND DETAILS. ROUTE CONDENSATE PIPING TO NEAREST ROOF DRAIN.
2	INSTALL NEW CRAC CU ON NEW NOA RATED ADJUSTABLE ALUMINUM RAILS EQUAL TO MIAMI-TECH. INSTALL AND TIE DOWN PER NOA INSTALLATION INSTRUCTIONS.



1 M-104 ROOF
1/8" = 1'-0"
0 4' 8' 16'

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ROOF HVAC PLAN

M-104

COMPUTER ROOM AIR HANDLING UNIT SCHEDULE (ALTERNATIVE DESIGN)		
AIR HANDLING UNIT TAG	-	(N)AHU-5C
TYPE		
ARRANGEMENT	-	
TOTAL AIRFLOW	CFM	2,500
EXTERNAL STATIC PRESSURE	IN WG	0.5
TOTAL CAPACITY	BTUH	58,400
SENSIBLE CAPACITY	BTUH	53,900
ENT. AIR TEMP (DB/WB)	DEG F/DEG F	72/60
COOLING COIL	FPM	5
COOLING COIL	ROWS/FINS PER INCH	4/12
EVAPORATOR FAN	-	FC
EVAPORATOR FAN MOTOR	HP	2
NUMBER OF COMPRESSORS	-	1
VOLTAGE	V/PH/HZ	480/3/60
HUMIDIFIER	KW/BTUH	N/A
ELECTRIC REHEAT	KW/BTUH	N/A
UNIT FLA	-	3
UNIT MIN. CIRC AMP	AMPS	3.8
UNIT REC FUSE SIZE	AMPS	15
FILTERS	EFFICIENCY	30
FILTERS	NUMBER/SIZE	2/20X252/16X25
WEIGHT	LBS/H	1800
MANUFACTURER	-	DATA AIRE
MODEL	-	DTAD-05
AHU NOTES	-	1-5
REMOTE CONDENSING UNIT		
MARK	-	(N)CU-5C
AMBIENT DESIGN TEMP.	-	95
FAN NO./HP EACH	HP/EA	1/1
ELECTRICAL	V/PH/HZ	480/3/60
FLA/WSA/MAX FUSE	AMPS	11.0/13/20
MODEL	-	DRCU-05
CU NOTES	-	ALL

NOTES:

1. POTENTIAL BIDDING MANUFACTURERS SHALL PROVIDE IN THEIR SUBMITTAL A COPY OF THIS SCHEDULE WITH THEIR PROPOSED VALUES FOR REVIEW BY ENGINEER. SUBMITTAL SHALL BE REJECTED IF THIS SCHEDULE IS MISSING. CONTACT ENGINEER FOR BLANK SCHEDULE.
2. PROVIDE SINGLE POINT POWER CONNECTION.
3. DISCONNECT/STARTER PROVIDED BY ELECTRICAL CONTRACTOR.
4. MANUFACTURER TO REVIEW REFRIGERANT PIPING DISTANCE REQUIREMENTS AND SIZE PIPING AND ACCESSORIES AS REQUIRED FOR LINE LENGTH. REDUCE EQUIPMENT CAPACITIES AS MAY BE REQUIRED.
5. PROVIDE LOW AMBIENT TEMPERATURE CONTROLS.
6. PROVIDE CONDENSER COIL GUARDS.
7. PROVIDE CONDENSER COIL CORROSION PROTECTION COATING EQUAL TO LUVATA INSITU. COATING SHALL HAVE MINIMUM 5,000 HR SALT SPRAY RATING PER ASTM-B117.
8. PROVIDE INTEGRAL SUPPLY DUCT MOUNTED SMOKE DETECTOR.

COMPUTER ROOM AIR HANDLING UNIT SCHEDULE (ALTERNATIVE DESIGN)				
AIR HANDLING UNIT TAG	-	(RP)AHU-5	(RP)AHU-5A	(N)AHU-5B
TYPE				
ARRANGEMENT	-	UPFLOW	UPFLOW	UPFLOW
TOTAL AIRFLOW	CFM	4,500	4,500	4,500
EXTERNAL STATIC PRESSURE	IN WG	0.5	0.5	0.5
TOTAL CAPACITY	BTUH	105,200	105,200	105,200
SENSIBLE CAPACITY	BTUH	91,300	91,300	91,300
ENT. AIR TEMP (DB/WB)	DEG F/DEG F	72/60	72/60	72/60
COOLING COIL	FPM	400	400	400
COOLING COIL	ROWS/FINS PER INCH	4/12	4/12	4/12
EVAPORATOR FAN	-	ECM DD PLENUM	ECM DD PLENUM	ECM DD PLENUM
EVAPORATOR FAN MOTOR	HP	3.4	3.4	3.4
NUMBER OF COMPRESSORS	-	1	1	1
VOLTAGE	V/PH/HZ	480/3/60	480/3/60	480/3/60
HUMIDIFIER	LBS/HR - STEPS	30 - MODULATING	30 - MODULATING	30 - MODULATING
ELECTRIC REHEAT	KW - STEPS	15 - SCR	15 - SCR	15 - SCR
COMPRESSOR	QTY - FLA EACH	2 - 9.6	2 - 9.6	2 - 9.6
UNIT FLA	-	35.4	35.4	35.4
UNIT MIN. CIRC AMP	AMPS	41	41	41
UNIT REC FUSE SIZE	AMPS	45	45	45
FILTERS	EFFICIENCY	MERV-8	MERV-8	MERV-8
FILTERS	NUMBER/SIZE	(2) 20X25X4	(2) 20X25X4	(2) 20X25X4
WEIGHT	LBS	1600	1600	1600
MANUFACTURER	-	DATA AIRE	DATA AIRE	DATA AIRE
MODEL	-	GFAU-03534	GFAU-03534	GFAU-03534
AHU NOTES	-	ALL	ALL	ALL
REMOTE CONDENSING UNIT				
MARK	-	(RP)CU-5	(RP)CU-5A	(N)CU-5B
AMBIENT DESIGN TEMP.	-	95	95	95
FAN NO./HP EACH	QTY/HP	2 / 0.75	2 / 0.75	2 / 0.75
ELECTRICAL	V/PH/HZ	480/3/60	480/3/60	480/3/60
FLA/WSA/MAX FUSE	AMPS	3.6/4.1/15	3.6/4.1/15	3.6/4.1/15
MODEL	-	DARC-1134	DARC-1134	DARC-1134
CU NOTES	-	ALL	ALL	ALL

NOTES:

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2. PROVIDE SINGLE POINT POWER CONNECTION WITH THRU DOOR CISCONNECT FACTORY INSTALLED. REMOTE CONDENSER REQUIRES SEPARATE POWER CONNECTION AND DISCONNECT BY ELECTRICAL CONTRACTOR.
3. PROVIDE FLOOR MOUNTED UPFLOW UNIT WITH FRONT RETURN AND TOP SUPPLY PLENUM WITH FRONT AND SIDE SUPPLY GRILLES AS SHOWN ON DRAWING.
4. PROVIDE DUAL INDEPENDENT R-410A REFRIGERANT CIRCUITS WITH SCROLL COMPRESSORS AND HOT GAS BYPASS ON BOTH CIRCUITS.
5. MANUFACTURER TO REVIEW REFRIGERANT PIPING DISTANCE REQUIREMENTS AND SIZE PIPING AND ACCESSORIES AS REQUIRED FOR LINE LENGTH. REDUCE EQUIPMENT CAPACTITIES AS MAY BE REQUIRED.
6. PROVIDE PHASE LOSS MONTORING.
7. PROVIDE FACTORY INSTALLED AND WIRED MICCROPROCESSOR CONTROLLER WITH BACNET INTERFACE AND ZONE MASTER LEAD LAG UNIT CONTROLL OF MULTIPLE UNITS. INCLUDE REMOTE SPACE TEMPERATURE/HUMIDITY SENSORS TO BE INSTALLED IN THE ROOM EXTERNAL FROM UNITS.
8. PROVIDE VARIABLE SPEED CONDENSER FAN HEAD PRESSURE CONTROLS FOR LOW AMBIENT OPERATION TO 0°F.
9. PROVIDE CONDENSER COIL GUARDS.
10. PROVIDE CONDENSER COIL CORROSION PROTECTION COATING EQUAL TO LUVATA INSITU. COATING SHALL HAVE MINIMUM 5,000 HR SALT SPRAY RATING PER ASTM-B117.
11. PROVIDE INTEGRAL SUPPLY DUCT MOUNTED SMOKE DETECTOR.

NOTE: ALL EXISTING HVAC CONTROL SHOULD BE REMOVE AND DISPOSE. A NEW DDC HVAC CONTROL SYSTEM SHALL BE PROVIDED FOR ALL NEW AND EXISTING HVAC EQUIPMENT.

DIRECT EXPANSION ROOF TOP UNIT SCHEDULE					
ROOF TOP UNIT TAG	-	(N)RTU-1	(N)RTU-2	(N)RTU-3	(N)RTU-4
DX COOLING COIL					
LOCATION	-				
NOMINAL TONNAGE	TONS	40	15	30	15
TOTAL CAPACITY	BTUH	475,500	162,800	338,200	177,800
SENSIBLE CAPACITY	BTUH	363,600	120,700	247,300	127,900
LATENT CAPACITY	BTUH	111,900	42,100	90,900	49,900
ENT. AIR TEMP (DB/WB)	DEG F/DEG F	77.3/64.9	77.3/65.0	76.7/64.9	77.2/64.9
LVG. AIR TEMP (DB/WB)	DEG F/DEG F	54.6/54	55.4/54.4	54.8/53.9	54.7/53.5
COOLING COIL (MAX/MAX)	ROWS/FINS PER INCH	4/17	3/17	5/17	4/13.5
COOLING COIL MAX FACE VELOCITY	FPM	404.9	230.5	429.2	210.2
ELECTRIC STRIP HEATER					
LOCATION	-				
TOTAL CAPACITY	KW/STEPS	PROVIDED IN VAV	PROVIDED IN VAV	PROVIDED IN VAV	PROVIDED IN VAV
ENT. AIR TEMP (DB)	DEG F	---	---	---	---
LVG. AIR TEMP (DB)	DEG F	---	---	---	---
SUPPLY AIR FLOW	CFM	14,575	5,095	10,300	5,255
RETURN AIR FLOW	CFM	12,510	4,340	9,150	4,495
OUTSIDE AIR FLOW	CFM	2,065	755	1,150	760
FILTER	MERV	8	8	8	8
FILTRATION MAX FACE VELOCITY	FPM	273	245	257.5	219
EXTERNAL STATIC PRESSURE	IN WG	2.5	2.15	2.5	2
DRIVE TYPE	-	DIRECT	BELT	DIRECT	BELT
EVAPORATOR FAN TYPE	-	VARIABLE PLENUM	VARIABLE FC	VARIABLE PLENUM	VARIABLE FC
EVAPORATOR FAN MOTOR	HP/BHP	15/12	5.25/3.33	15/8.8	5/4.4
EVAPORATOR FAN SPEED	RPM	1090	1128	1493	1172
NO. OF COMPRESSORS	-	4	2	4	4
NO. OF CONDENSER FANS	-	4	2	2	4
EER	-	10.9	11	10.5	12.2
IEER	-	14.6	14.6	14.3	13.4
REFRIGERANT TYPE	-	R-410A	R-410A	R-410A	R-410A
UNIT MCA	AMPS	98	39.2	73	34.6
UNIT MOCP	AMPS	110	50	80	40
VOLTAGE	V/PH/HZ	460/3/60	460/3/60	460/3/60	460/3/60
WEIGHT	LBS	6345	1895	5386	2764
MANUFACTURER	-	JCI	JCI	JCI	JCI
MODEL	-	GVC1A0B1GA1A60B	AD15C0DK4B3CCB16H1	GVB1A0B1GA1A60B	J15ZJC00D4H1FCJ5G1
NOTES	-	1-6 AND 8-15	1-5, 7-14, AND 15	1-6 AND 8-15	1-5, 7-14, AND 15

NOTES:

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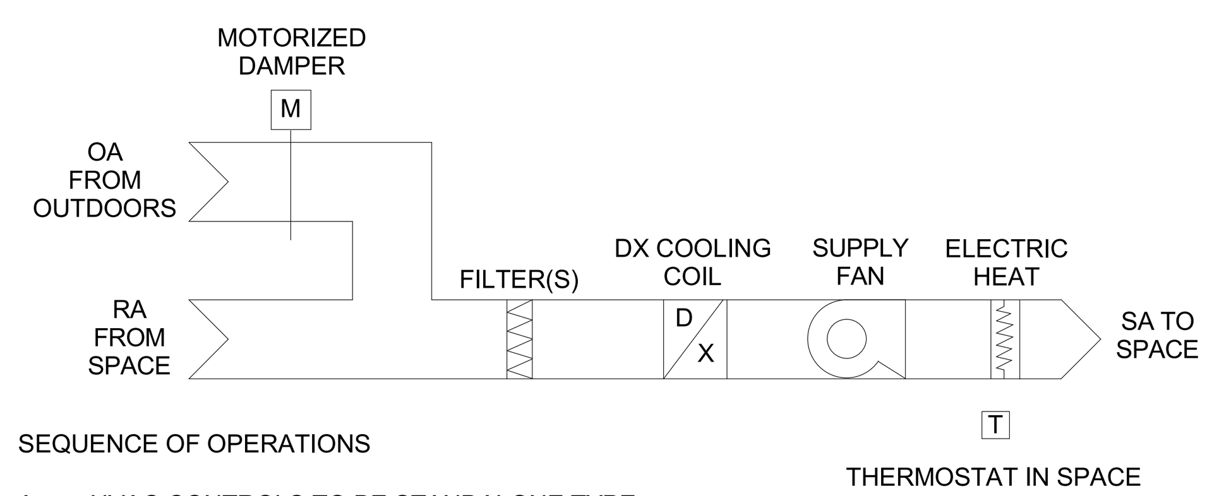
2. PROVIDE STRAIGHT COOL SYSTEM DESIGNED FOR VAV OPERATION.
3. PROVIDE SINGLE POINT POWER CONNECTION.
4. DISCONNECT PROVIDED BY ELECTRICAL CONTRACTOR.
5. PROVIDE FACTORY INSTALLED AND WIRED VARIABLE FREQUENCY DRIVE.
6. PROVIDE GALVANIZED STEEL DOUBLE WALL CONSTRUCTION.
7. PROVIDE FOIL FACED INSULATION.
8. PROVIDE IAQ TYPE DRAIN PAN, POSITIVELY SLOPED IN TWO DIRECTIONS.
9. PROVIDE INTERTWINED COIL.
10. PROVIDE HOT GAS BYPASS ON LEAD CIRCUIT.
11. PROVIDE CONDENSER COIL GUARDS.
12. PROVIDE LOW AMBIENT TEMPERATURE CONTROLS.
13. PROVIDE CONDENSER COIL CORROSION PROTECTION COATING EQUAL TO LUVATA INSITU. COATING SHALL HAVE MINIMUM 5,000 HR SALT SPRAY RATING PER ASTM-B117.
14. CONTRACTOR TO REUSE EXISTING ROOF CURB. PROVIDE ROOF CURB ADAPTOR.
15. PROVIDE FACTORY INSTALLED AND WIRED OUTSIDE AIR MEASURING STATION AND DAMPERS.
16. PROVIDE OUTSIDE AIR MEASURING STATION, AND MOTORIZED OUTSIDE AND RETURN AIR DAMPERS. COORDINATE INSTALLATION AND WIRING WITH CONTROLS CONTRACTOR.
17. PROVIDE 120V WEATHERPROOF CONVIENCE OUTLET ON OUTSIDE OF UNIT. SEPARATE DISCONNECT FOR OUTLET PROVIDED BY E.C.



SEQUENCE OF OPERATIONS

A. HVAC CONTROLS TO BE STANDALONE TYPE.

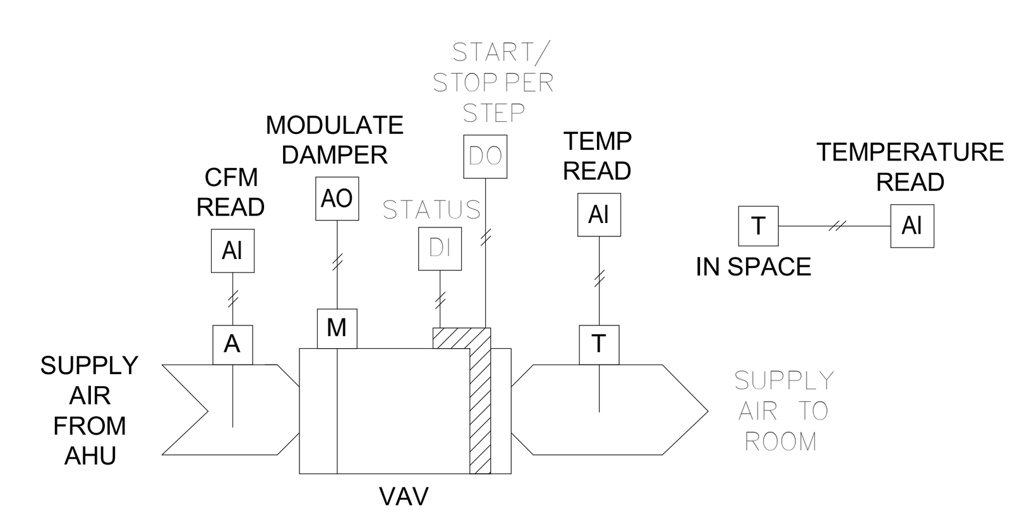
B. PROVIDE A 24 HOUR / 7 DAY A WEEK PROGRAMMABLE THERMOSTAT.

C. WHEN IN THE THE OCCUPIED MODE, THE THERMOSTAT SHALL BE SET IN THE "FAN ON" POSITION AND THE SUPPLY FAN SHALL RUN CONTINUOUSLY. THE MOTORIZED OUTSIDE AIR DAMPER SHALL REMAIN OPEN. IN THE COOLING MODE, THE COMPRESSOR(S) SHALL BE CYCLED AS REQUIRED TO MAINTAIN A SPACE TEMPERATURE SET POINT OF 75 DEGREES F AS SENSED AND ADJUSTED BY THE WALL MOUNTED THERMOSTAT. IN THE HEATING MODE, THE ELECTRIC STRIP HEATER SHALL BE CYCLED AS REQUIRED TO MAINTAIN A SPACE TEMPERATURE SET POINT OF 70 DEGREES F.

D. WHEN IN THE UNOCCUPIED MODE, THE THERMOSTAT SHALL BE SET IN THE "AUTO FAN" POSITION AND THE SUPPLY FAN SHALL RUN WHEN A CALL FOR COOLING OR HEATING IS MADE. THE MOTORIZED OUTSIDE AIR DAMPER SHALL REMAIN CLOSED. IN THE COOLING MODE, THE COMPRESSOR(S) SHALL BE CYCLED AS REQUIRED TO MAINTAIN A SPACE TEMPERATURE SET POINT OF 85 DEGREES F AS SENSED AND ADJUSTED BY THE WALL MOUNTED PROGRAMMABLE THERMOSTAT. IN THE HEATING MODE, THE ELECTRIC STRIP HEATER SHALL BE CYCLED AS REQUIRED TO MAINTAIN A SPACE TEMPERATURE SET POINT OF 60 DEGREES F.

RTU HVAC CONTROL DIAGRAM

MD-5102 - RTU HVAC CONTROL DIAGRAM.DWG

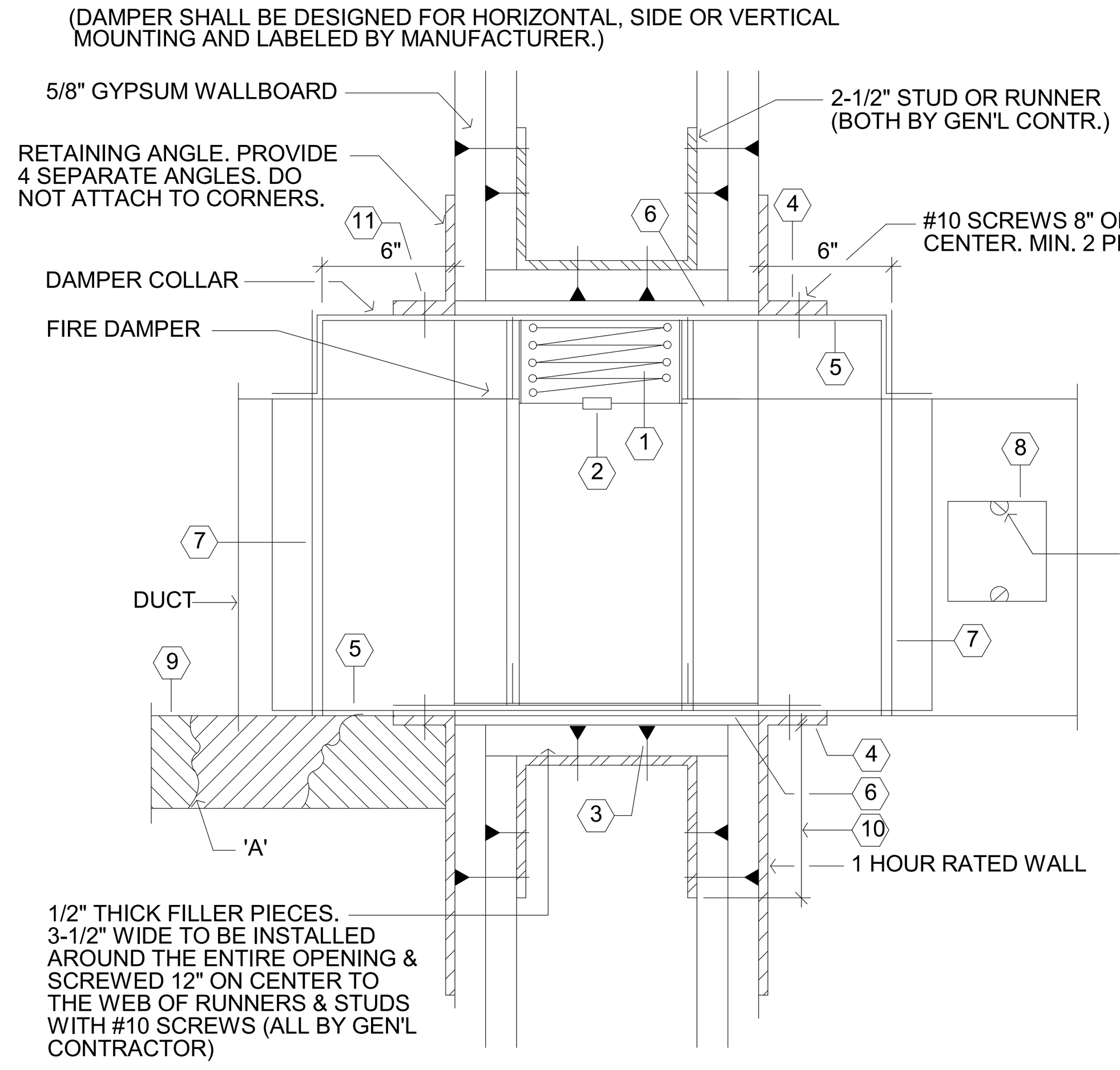


SEQUENCE OF OPERATIONS:
BUILDING UTILIZES AN EXISTING DDC HVAC CONTROL SYSTEM. THE VARIABLE AIR VOLUME BOX SHALL TO CONNECT TO AND THE CONTROLS SHALL BE FULLY COMPATIBLE WITH THIS EXISTING CONTROL SYSTEM. COORDINATE WITH LANDLORD FOR INITIAL SCHEDULING. PROVIDE ALL WIRING AND PROGRAMMING AS REQUIRED TO ACCOMMODATE THE FOLLOWING SEQUENCE:

IN THE COOLING MODE, THE DAMPER ACTUATOR SHALL MODULATE TO MAINTAIN THE SPACE TEMPERATURE SETPOINT OF 75 DEGREES F AS SENSED BY THE SPACE THERMOSTAT. IN THE HEATING MODE, THE ELECTRIC HEAT SHALL BE MODULATED TO MAINTAIN THE SPACE TEMPERATURE SETPOINT OF 70 DEGREES F. THE SETPOINT SHALL BE ADJUSTABLE AT THE THERMOSTAT BY THE OCCUPANTS BY 3 DEGREES F ABOVE OR BELOW SETPOINT. COORDINATE LANDLORD FOR THERMOSTAT STYLE REQUIRED.

VAV BOX CONTROLS

(DAMPER SHALL BE DESIGNED FOR HORIZONTAL, SIDE OR VERTICAL MOUNTING AND LABELED BY MANUFACTURER.)



CODED NOTES:

1. PROVIDE GREENHECK DFD-110 OR EQUIVALENT UL #555 APPROVED FIRE DAMPER RATED AT 1.5 HOURS. PROVIDE GREENHECK DFD-310 OR EQUIVALENT UL #555 APPROVED FIRE DAMPER RATED AT 3 HOURS .
2. FUSIBLE LINK.
3. SECURE THE DAMPER TO THE COLLAR WITH 1/4" DIAMETER STEEL BOLTS 6" ON CENTER.
4. PROVIDE 2 X 3 X #16 GAUGE CONTINUOUS ANGLES AROUND THE OPENING.
5. PROVIDE BREAKAWAY CONNECTION TO FACTORY FIRE DAMPER SLEEVES.
6. PROVIDE AN EXPANSION GAP ON TOP AND SIDE OF FIRE DAMPER SLEEVES SIZED AT THE RATE OF 1/8" PER LINEAR FOOT OF THE TOP AND 1/8" PER LINEAR FOOT OF THE SIDE DIMENSIONS.
7. PROVIDE A BREAKAWAY DUCT CONNECTION PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. DO NOT INSTALL SCREWS IN BREAKAWAY JOINT.
8. PROVIDE A 12" X 12" INSULATED PAN TYPE ACCESS DOOR WITH A FIBERGLASS GASKET, 2 - 2" BRASS PLATED STEEL HINGE AND ONE BRASS PLATED STEEL CAM TYPE LOCK. NATIONAL CONTROLLED AIR # ADR-1 IS ALSO ACCEPTABLE. VERIFY ACCESS DOOR LOCATION. WHERE 12" X 12" DOOR IS TOO LARGE FOR DUCT, PROVIDE 12" LONG X FULL DUCT WIDTH SIZED DOOR.
9. STOP INSULATION AT ANGLE.
10. 1" ANGLE OVERLAP OF STRUCTURAL FRAMING.
11. USE #8 STEEL METAL SCREWS 8" ON CENTER.
12. MINIMUM FIRE DAMPER SIZE SHALL BE 4" X 4". MECHANICAL CONTRACTOR IS TO PROVIDE DUCTWORK TRANSITION AT ALL FIRE DAMPERS AS REQUIRED.
13. MAXIMUM AIR P.D. THRU FIRE DAMPER SHALL BE 0.12" W.G.
14. PROVIDE DYNAMIC STYLE DAMPER

FIRE DAMPER

MD-3406 - FIRE DAMPER.DWG

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DISTRIBUTION

MILESTONE	DATE
PERMIT SET	5-7-2020

DETAILS AND SCHEDULES

M-501

VARIABLE AIR VOLUME BOX SCHEDULE

VAV TAG	-	VAV-1-1.1	VAV-1-1.2	VAV-1-1.3	VAV-1-1.4	VAV-1-1.5	VAV-1-1.6	VAV-1-1.7	VAV-1-1.8	VAV-1-1.9
MAX AIR FLOW	CFM	100	150	1,500	500	700	2,800	2,800	1,600	800
MIN AIR FLOW	CFM	50	50	210	150	200	840	840	500	250
MAX DISCHARGE NOISE	NC	25	30	30	25	30	25	25	30	30
MAX RADIATED NOISE	NC	25	30	30	25	30	25	25	30	30
INLET DUCT CONNECTION SIZE	IN	4	4	10	8	7	14	14	10	8
OUTLET DUCT CONNECTION SIZE	IN X IN	12x8	12x8	14x12.5	12x10	12x10	20x17.5	20x17.5	14x12.5	12x10
ELECTRIC STRIP HEATER										
TOTAL CAPACITY	KW/STEPS	0.6/1	0.6/1	3.4/1	1.9/1	2.5/1	10.6/1	10.6/1	6.3/1	3.2/1
ENT. AIR TEMP (DB)	DEG F	70	70	70	70	70	70	70	70	70
LVG. AIR TEMP (DB)	DEG F	110	110	110	110	110	110	110	110	110
UNIT MCA	AMPS	3.1	3.1	13.1	9.3	12.5	17.4	17.4	31.1	15.6
UNIT MOCP	AMPS	15	15	15	15	15	20	20	35	20
VOLTAGE	V/PH/HZ	277/1/60	277/1/60	277/1/60	277/1/60	277/1/60	480/3/60	480/3/60	277/1/60	277/1/60
WEIGHT	LBS	39	39	51	43	43	72	72	51	43
MANUFACTURER	-	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE
MODEL	-	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5
NOTES	-	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL

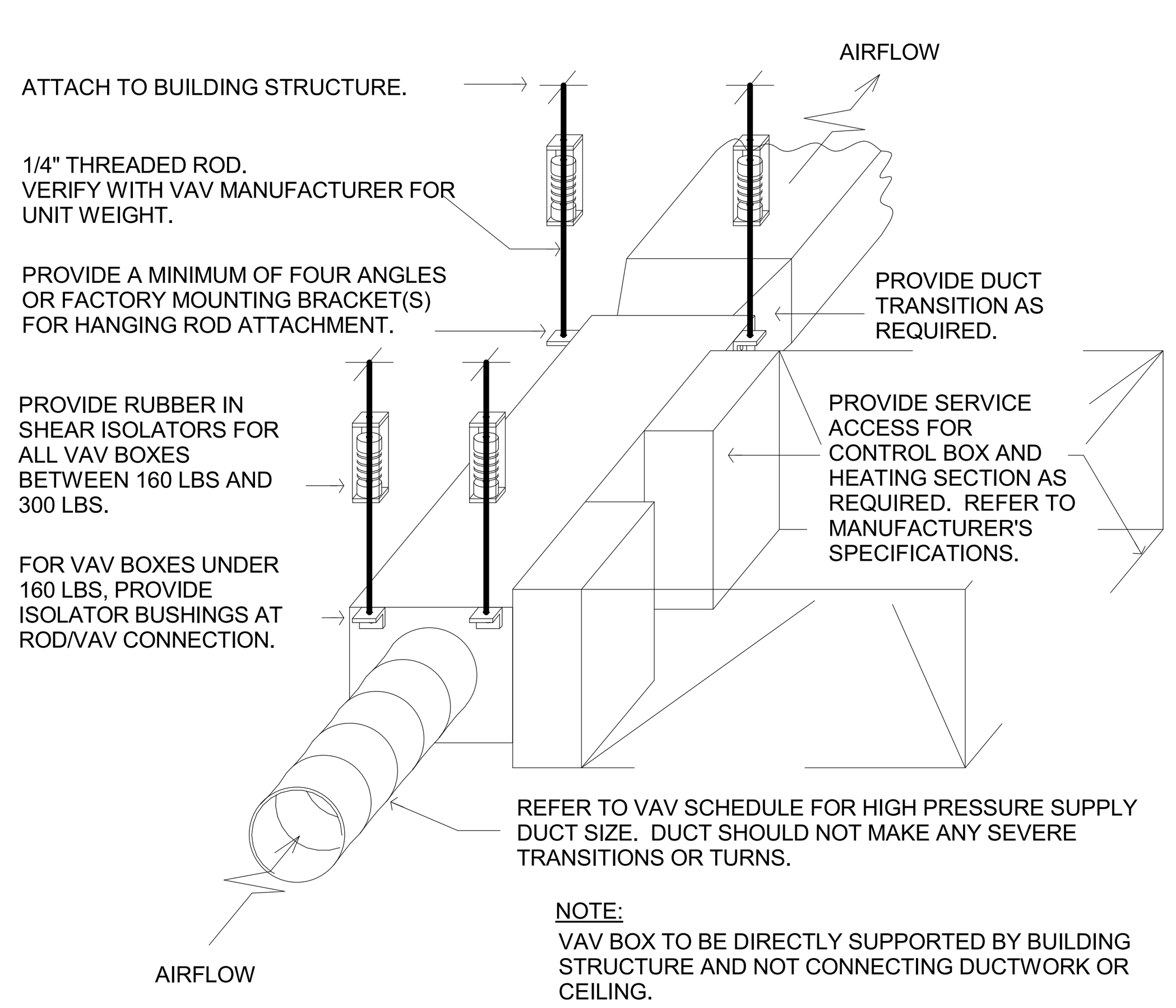
VAV TAG	VAV-1-1.10	VAV-1-1.11	VAV-1-1.12	VAV-1-1.13	VAV-1-1.14	VAV-1-1.15	VAV-2.2.1	VAV-2.2.2	VAV-2.2.3
MAX AIR FLOW	1,600	200	1,000	500	2,050	2,050	1,200	700	1,000
MIN AIR FLOW	500	65	275	150	615	615	360	200	300
MAX DISCHARGE NOISE	30	25	30	25	25	25	25	25	25
MAX RADIATED NOISE	30	25	30	25	25	25	25	25	25
INLET DUCT CONNECTION SIZE	10	6	10	8	12	12	10	10	10
OUTLET DUCT CONNECTION SIZE	14x12.5	12x8	14x12.5	12x10	16x15	16x15	14x12.5	14x12.5	14x12.5
ELECTRIC STRIP HEATER									
TOTAL CAPACITY	6.3/1	0.8/1	5.1/1	-	7.8/1	7.8/1	4.6/1	2.5/1	3.8/1
ENT. AIR TEMP (DB)	70	70	70	-	70	70	70	70	70
LVG. AIR TEMP (DB)	110	110	110	-	110	110	110	110	110
UNIT MCA	31.1	4	9.9	-	12.8	12.8	22.4	12.5	18.7
UNIT MOCP	35	15	15	-	15	15	25	15	20
VOLTAGE	277/1/60	277/1/60	277/1/60	-	480/1/60	480/1/60	277/1/60	277/1/60	277/1/60
WEIGHT	51	39	51	15	60	60	51	51	51
MANUFACTURER	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE
MODEL	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5
NOTES	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL

NOTES:
1. ALL BOXES TO BE SELECTED AT AN INLET STATIC PRESSURE OF 1.0 IN WG, BE PRESSURE INDEPENDENT, AND HAVE NOISE CALCULATIONS IN COMPLIANCE WITH ARI 885-98.
2. PROVIDE DUAL POWER CONNECTIONS, ONE FOR ELECTRIC STRIP HEATER ABD THE OTHER FOR CONTROLS.
3. BOX MANUFACTURER TO PROVIDE FACTORY STEPDOWN TRANSFORMER INSIDE BOX FOR CONTROLS POWER CONNECTIONS.
4. CONTROLS CONTRACTOR TO PROVIDE CONTROLLERS TO BOX MANUFACTURER FOR FACTORY MOUNTING.
5. PROVIDE FACTORY FUSED DISCONNECT SWITCH.
6. PROVIDE SINGLE WALL, INTERNAL FOIL FACE INSULATION CONSTRUCTION.
7. PROVIDE FACTORY ACCESS DOOR TO HEATING COIL.
8. COORDINATE RIGHT/LEFT HAND ACCESS /CONNECTIONS AS REQUIRED WITH FIELD CONDITIONS.

VARIABLE AIR VOLUME BOX SCHEDULE CONT.

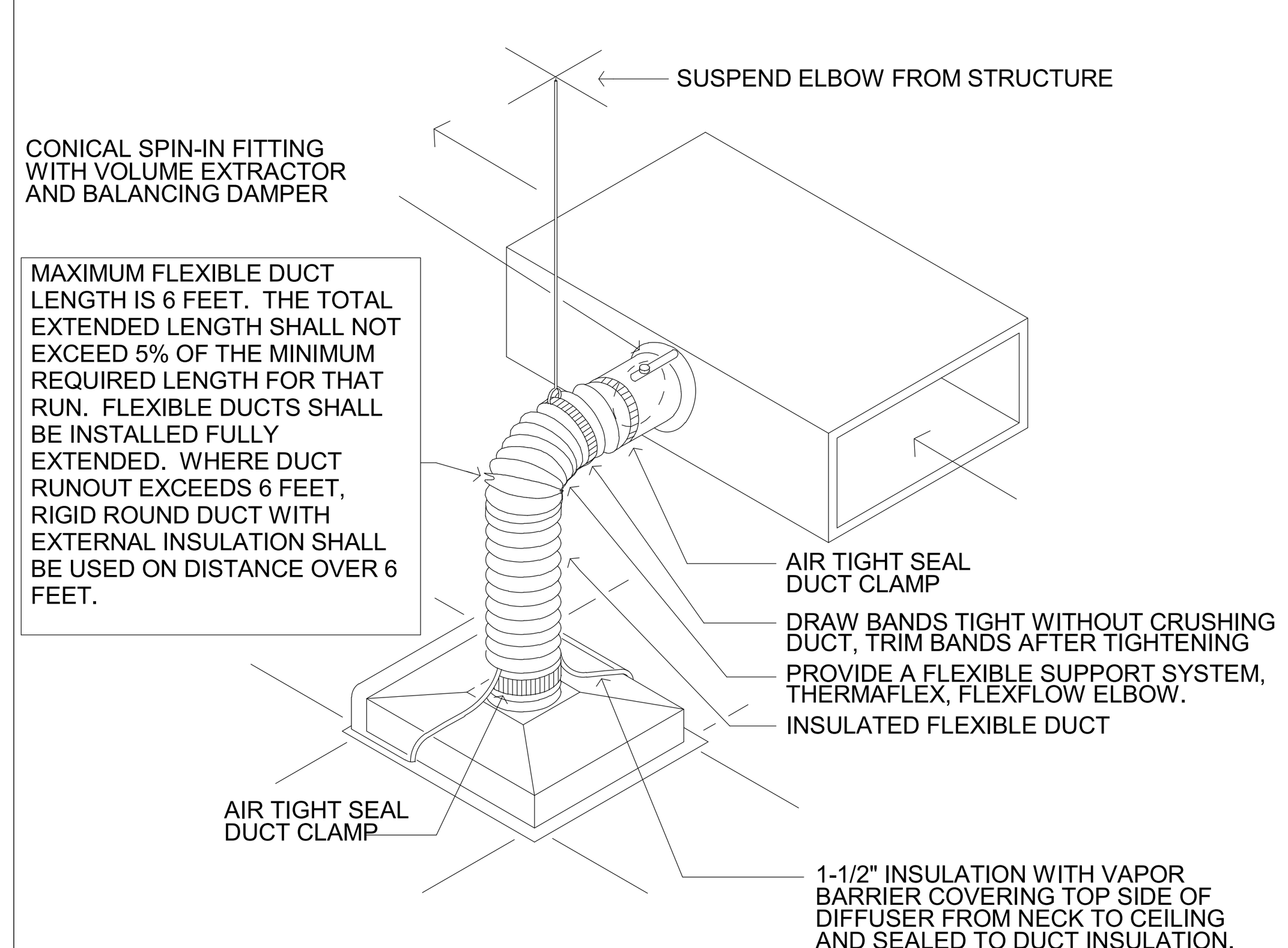
VAV-2.2.4	VAV-2.2.5	VAV-2.2.6	VAV-2.2.7	VAV-2.2.8	VAV-3.3.1	VAV-3.3.2	VAV-3.3.3	VAV-3.3.4	VAV-3.3.5	VAV-3.3.6
1,000	1,800	600	100	350	250	1,000	600	1300	1850	250
300	550	200	50	100	125	300	200	400	560	125
25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25
10	12	10	4	8	8	10	10	12	12	8
14x12.5	16x15	14x12.5	12x8	12x10	12x10	14x12.5	14x12.5	16x15	16x15	12x10
3.8/1	7.0/1	2.5/1	-	1.3/1	1.6/1	3.8/1	2.5/1	5.1/1	7.1/1	1.6/1
70	70	70	-	70	70	70	70	70	70	70
110	110	110	-	110	110	110	110	110	110	110
18.7	34.2	12.5	-	6.2	5.7	18.7	12.5	24.9	34.9	5.7
20	35	15	-	15	15	20	15	25	35	15
277/1/60	277/1/60	277/1/60	-	277/1/60	277/1/60	277/1/60	277/1/60	277/1/60	277/1/60	277/1/60
51	60	43	39	43	43	51	43	60	60	43
PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE
SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5
ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL

VAV-3.3.7	VAV-3.3.8	VAV-3.3.9	VAV-3.3.10	VAV-3.3.11	VAV-3.3.12	VAV-4.4.1	VAV-4.4.2	VAV-4.4.3	VAV-4.4.4	VAV-4.4.5
500	200	3,000	2,500	1,600	200	1,400	1,200	600	2,800	600
150	65	900	750	500	65	400	350	200	850	200
25	25	25	25	30	25	25	25	25	25	25
25	25	25	25	30	25	25	25	25	25	25
8	6	14	14	10	6	12	12	10	14	10
12x10	12x8	20x17.5	20x17.5	14x12.5	12x8	16x15	16x15	14x12.5	20x17.5	14x12.5
1.9/1	0.8/1	11.4	9.5	6.3/1	0.8/1	5.1/1	4.4/1	2.5/1	10.8/1	2.5/1
70	70	70	70	70	70	70	70	70	70	70
110	110	110	110	110	110	110	110	110	110	110
9.3	4	18.7	15.6	31.1	4	24.9	21.8	12.5	17.6	12.5
15	15	20	20	35	15	25	25	15	20	15
277/1/60	277/1/60	480/3/60	480/3/60	277/1/60	277/1/60	277/1/60	277/1/60	277/1/60	480/3/60	277/1/60
43	39	72	72	51	39	60	51	43	72	43
PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE
SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5	SDV5
ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL	ALL



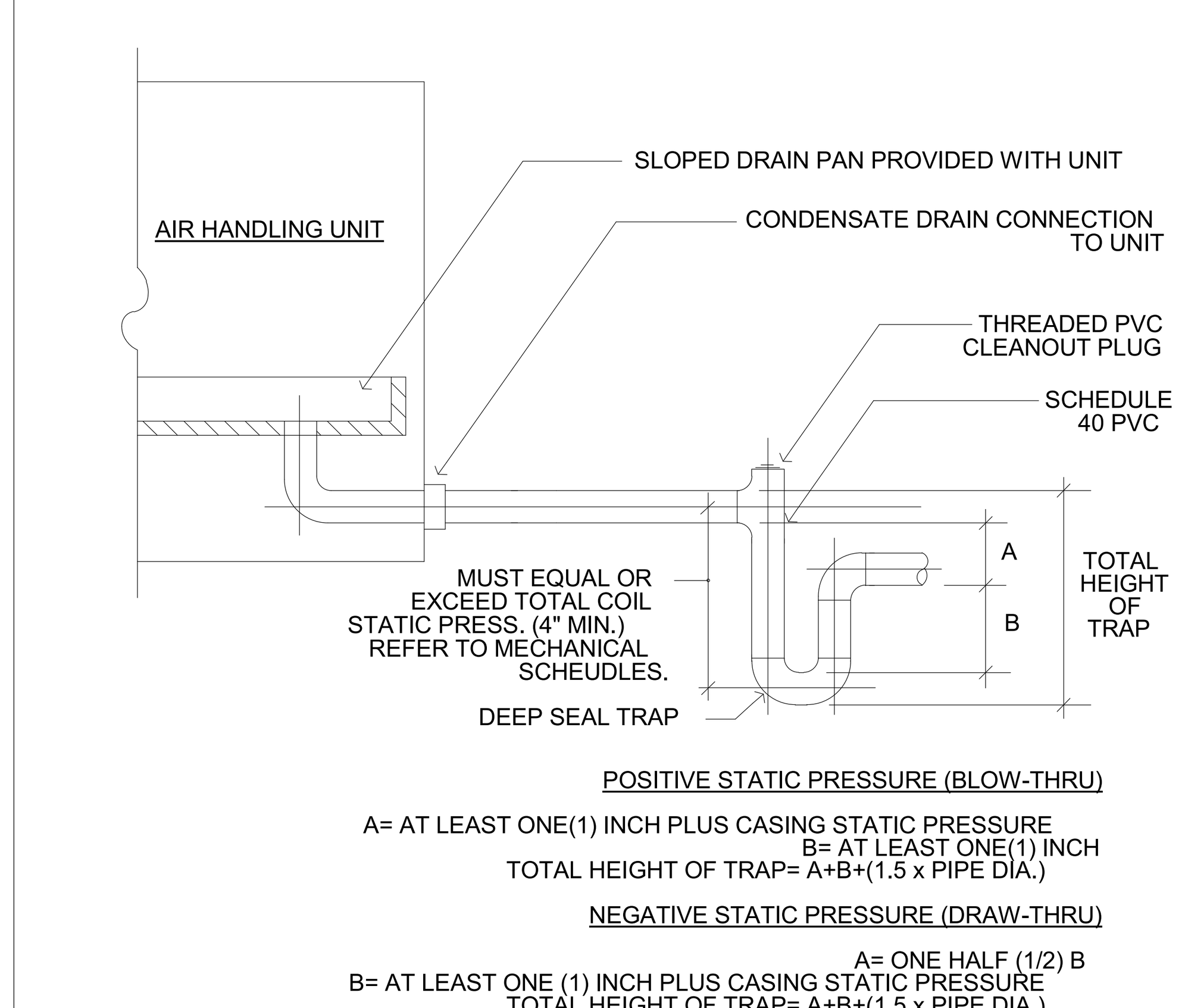
VAV BOX SUPPORT

MD-1102 - VAV BOX SUPPORT.DWG



SUPPLY AIR DIFFUSER

MD-2305 - SUPPLY AIR DIFFUSER.DWG



CONDENSATE PIPING 'P' TRAP - PVC

MD-1109 - CONDENSATE PIPING 'P' TRAP - PVC.DWG

AIR DEVICE SCHEDULE

AIR DEVICE TAG	SAD1	SLAD1	TAD1	TLAD1	EAR1
SERVICE TYPE	SUPPLY AIR	SUPPLY AIR	TRANSFER AIR	TRANSFER AIR	EXHAUST AIR
DESCRIPTION	SQUARE PLAQUE	CUSTOM FLOW LINEAR	LOUVERED GRILLE	CUSTOM FLOW LINEAR	ROOF CAP
	DIFFUSER	DIFFUSER WITH PLENUM	(MINUS FILTER)	(FULLY OPEN)	
NECK	ROUND	ROUND	RECTANGULAR	ROUND	ROUND
			22X22	4'-0"	
AIR FLOW PATTERN	4-WAY	1-WAY	1-WAY	1-WAY	4-WAY
BLADES/VANES	FIXED	ADJUSTABLE	FIXED	ADJUSTABLE	NONE
MATERIAL	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM
FINISH	WHITE	WHITE	WHITE	WHITE	SEE NOTES
DAMPER	RADIAL	RADIAL	OPPOSED BLADE	RADIAL	NONE
MANUFACTURER	PRICE	PRICE	PRICE	PRICE	COOK
MODEL	ASPD	ASP	630FF	ASP	PR8
NOTES	1-6	1-6	1-6	1-6	5,7,8

NOTES:
1. PROVIDE FRAMES/FLANGES AS REQUIRED FOR CEILING/WALL CONSTRUCTION AND AS SELECTED BY ARCHITECT.
2. AIR DEVICE TO BE SELECTED AT A MAXIMUM NOISE CRITERIA OF 25 NC.
3. FACE OF AIR DEVICE TO BE HINGED AND CAPABLE TO FLIP DOWN FOR INTERNAL CLEANING.
4. PROVIDE MANUAL BALANCING DAMPER WHICH IS ADJUSTABLE FROM FACE OF AIR DEVICE.
5. COLOR TO BE SELECTED BY ARCHITECT.
6. STYLES TO MATCH EXISTING. CONFIRM WITH ARCHITECT/OWNER PRIOR TO ORDERING.
7. PROVIDE REMOVABLE BIRD SCREEN.
8. PROVIDE MINIMUM 14" HIGH ROOF CURB

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THEA TMC OFFICE RENOVATIONS

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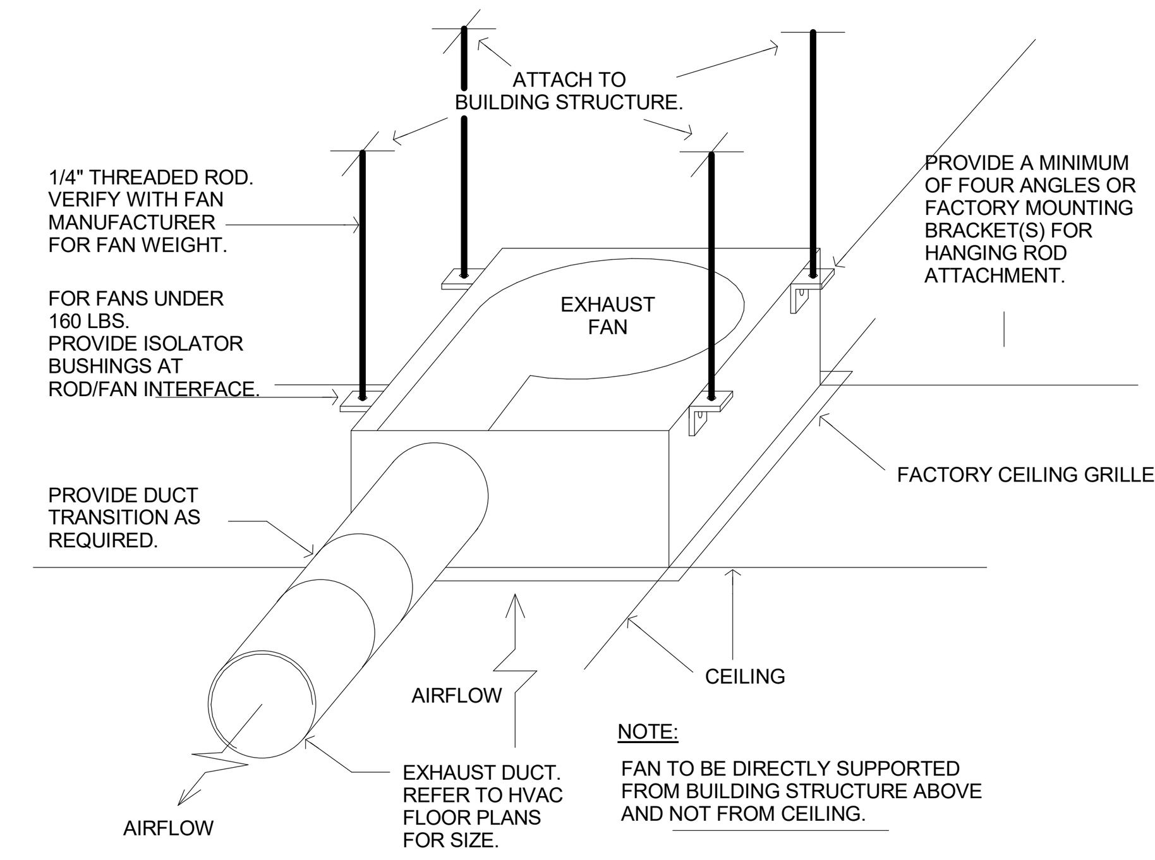
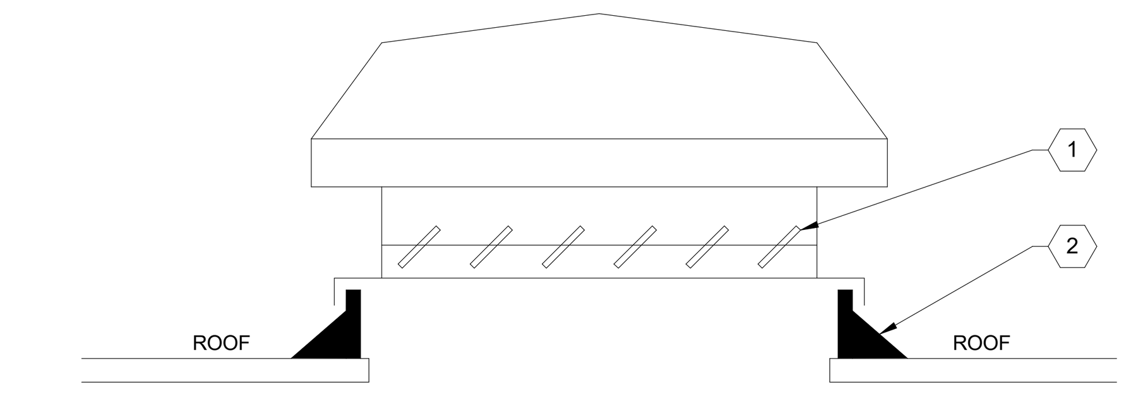
SCHEDULES

M-502



CEILING EXHAUST FAN

MD-1114 - CEILING EXHAUST FAN.DWG



\# KEY NOTES

1. BACKDRAFT DAMPER
2. MECHANICAL CONTRACTOR TO FURNISH FACTORY CURB.

ROOF VENTILATOR

MD-2310 - ROOF VENTILATOR DETAIL.DWG

FAN SCHEDULE		
FAN TAG	-	(N)EF-1.1
SERVICE TYPE	-	EXHAUST AIR
AIR FLOW - MAXIMUM	CFM	650
EXTERNAL STATIC PRESSURE	IN WG	0.5
FAN TYPE	-	CEILING
DRIVE TYPE	-	DIRECT
MOTOR	W/HP	161w
SPEED	RPM	1778
SOUND	SONES	6.8
VOLTAGE	V/PH/HZ	115/1/60
WEIGHT	LBS	29
MANUFACTURER	-	COOK
MODEL	-	GCVF-700
NOTES	-	ALL

NOTES:
1. PROVIDE DISCONNECT.
2. PROVIDE FACTORY BACKDRAFT DAMPER.
3. PROVIDE SOLID STATE SPEED CONTROLLER.
4. PROVIDE LINE VOLTAGE THERMOSTAT.
   FAN TO ENERGIZE ABOVE 100 DEGREES F.

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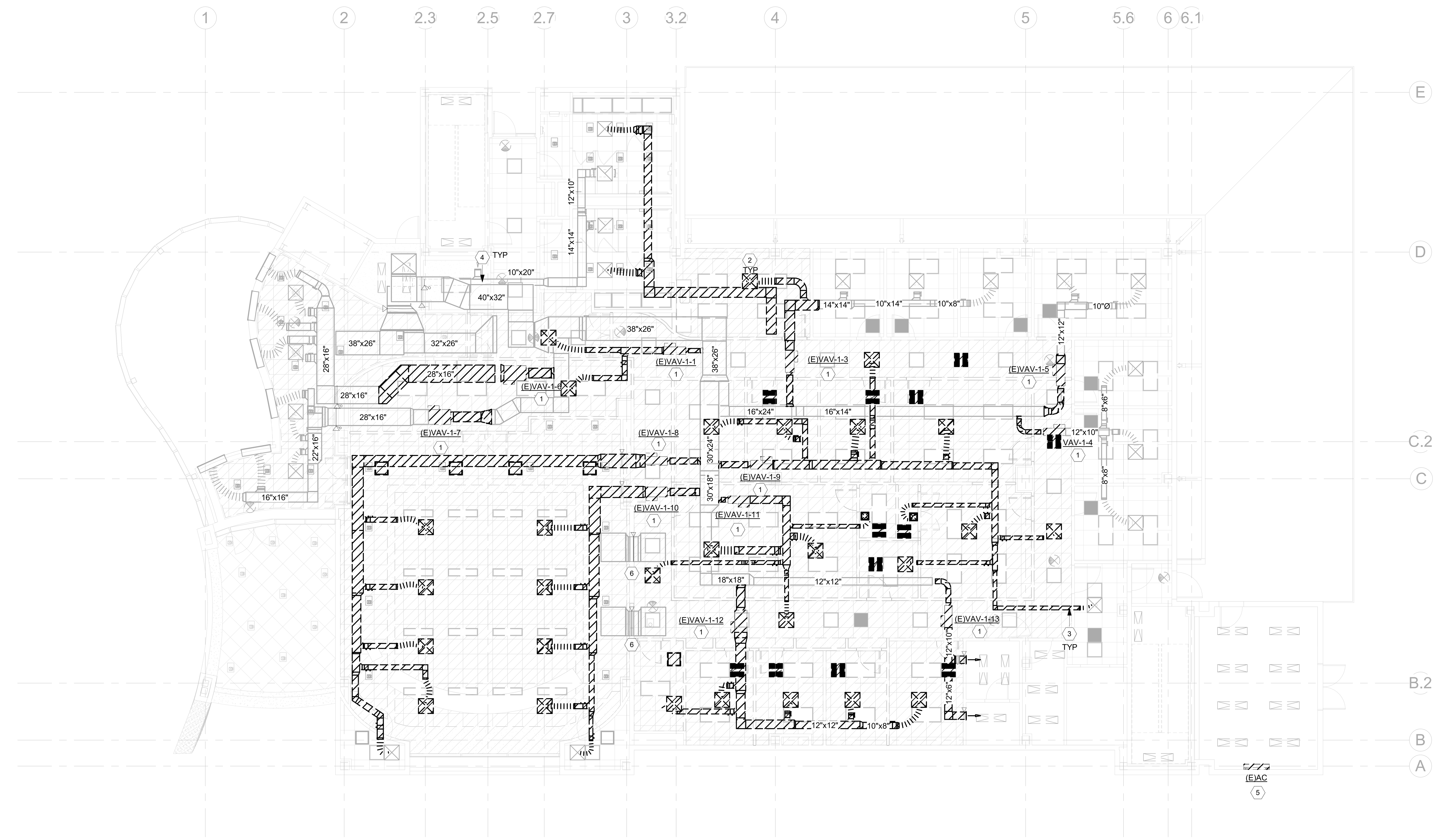
DETAILS AND SCHEDULES

M-503

Keynote Legend

Key Value	Keynote Text
1	REMOVE AND DISPOSE EXISTING VARIABLE AIR VOLUME (VAV) BOX AND ALL ASSOCIATED ACCESSORIES. DEMOLISHED THERMOSTAT ASSOCIATED WITH VAV BOX.
2	EXISTING SUPPLY DIFFUSER TO BE DEMOLISHED.
3	EXISTING DUCTWORK TO BE DEMOLISHED.
4	EXISTING EXHAUST DUCTWORK TO REMAIN.
5	EXISTING WALL HUNG AC UNIT TO BE DEMOLISHED. REMOVE ASSOCIATED ACCESSORIES AND PIPING AS REQUIRED.
6	EXISTING ABOVE CEILING RETURN AIR TRANSFERS TO REMAIN.



1 LEVEL 1 - DEMO FLOOR HVAC PLAN
1/8" = 1'-0"

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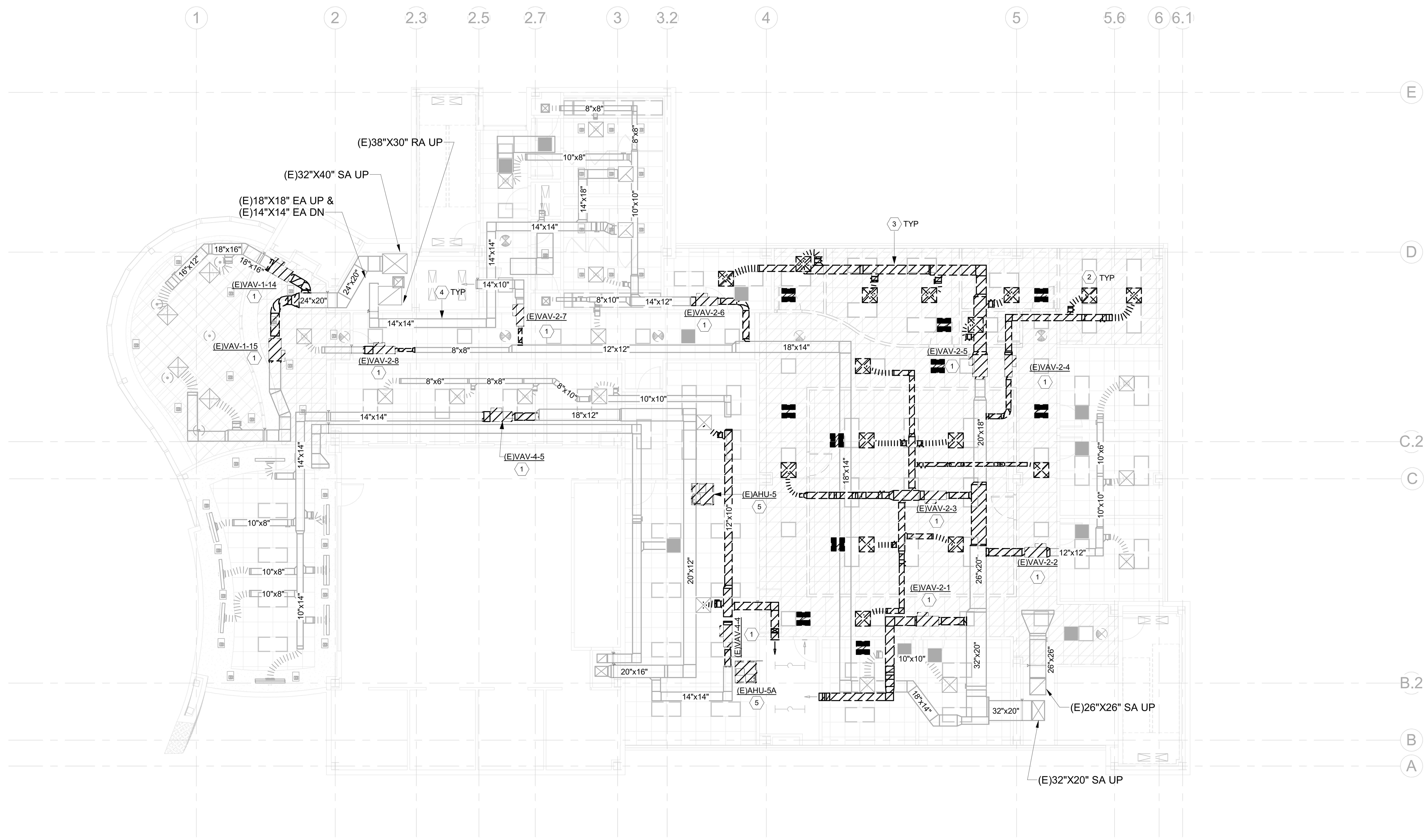
LEVEL 1 - DEMO FLOOR HVAC PLAN

MD-101

Keynote Legend

Key Value	Keynote Text
1	REMOVE AND DISPOSE EXISTING VARIABLE AIR VOLUME (VAV) BOX AND ALL ASSOCIATED ACCESSORIES. DEMOLISHED THERMOSTAT ASSOCIATED WITH VAV BOX.
2	EXISTING SUPPLY DIFFUSER TO BE DEMOLISHED.
3	EXISTING DUCTWORK TO BE DEMOLISHED.
4	EXISTING EXHAUST DUCTWORK TO REMAIN.
5	REMOVE AND DISPOSE DX CRAC UNITS AND ALL ACCESSORIES.



1 LEVEL 2 - DEMO FLOOR HVAC PLAN
1/8" = 1'-0"

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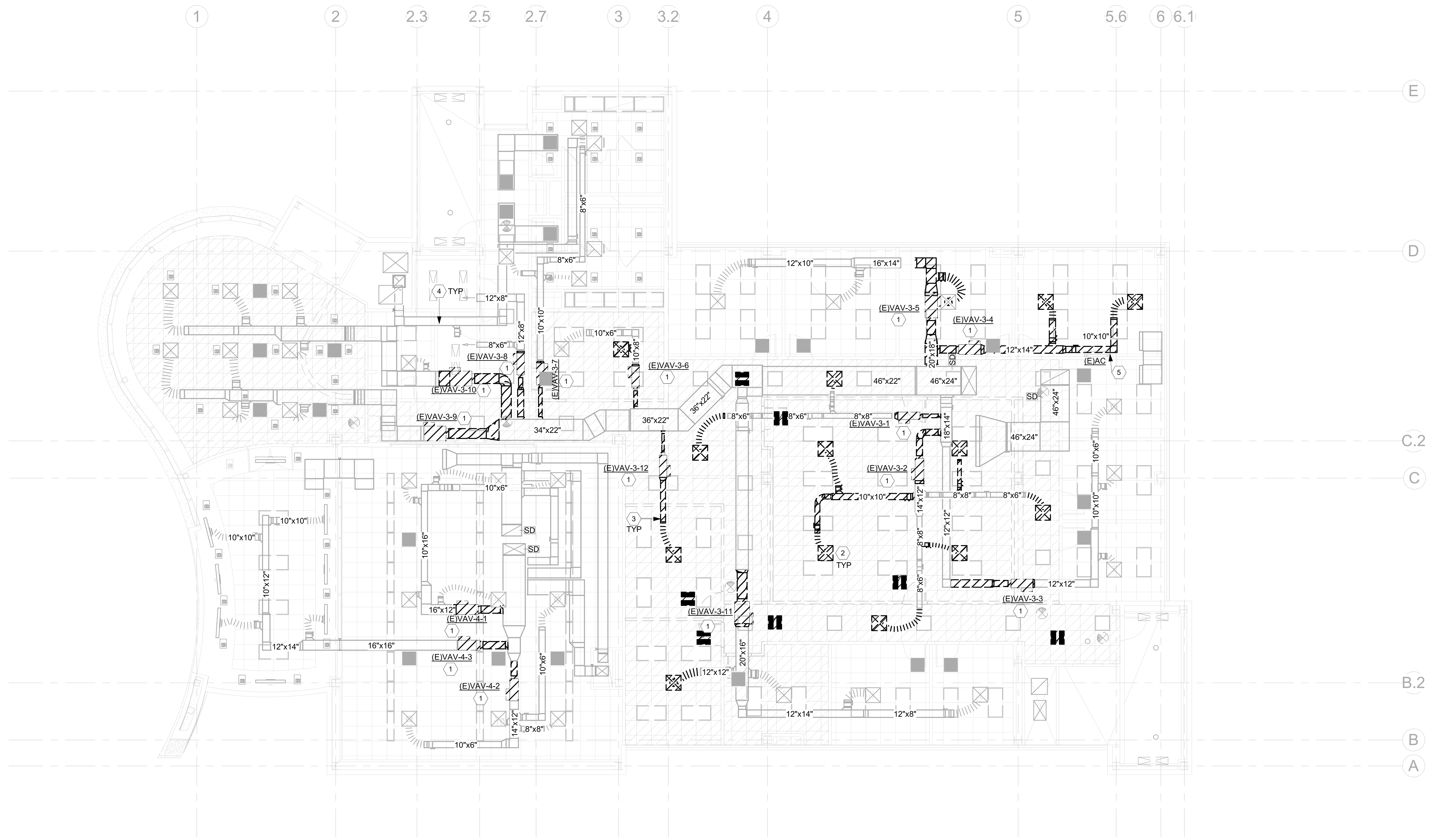
LEVEL 2 - DEMO FLOOR HVAC PLAN

MD-102

Keynote Legend

Key Value	Keynote Text
1	REMOVE AND DISPOSE EXISTING VARIABLE AIR VOLUME (VAV) BOX AND ALL ASSOCIATED ACCESSORIES. DEMOLISHED THERMOSTAT ASSOCIATED WITH VAV BOX.
2	EXISTING SUPPLY DIFFUSER TO BE DEMOLISHED.
3	EXISTING DUCTWORK TO BE DEMOLISHED.
4	EXISTING EXHAUST DUCTWORK TO REMAIN.
5	EXISTING WALL HUNG AC UNIT TO BE RELOCATED ABOVE EXEC. OFFICE'S DOOR IN RENOVATION. REFER TO M-103 FOR NEW LOCATION.



1 LEVEL 3 - DEMO FLOOR HVAC PLAN
1/8" = 1'-0"

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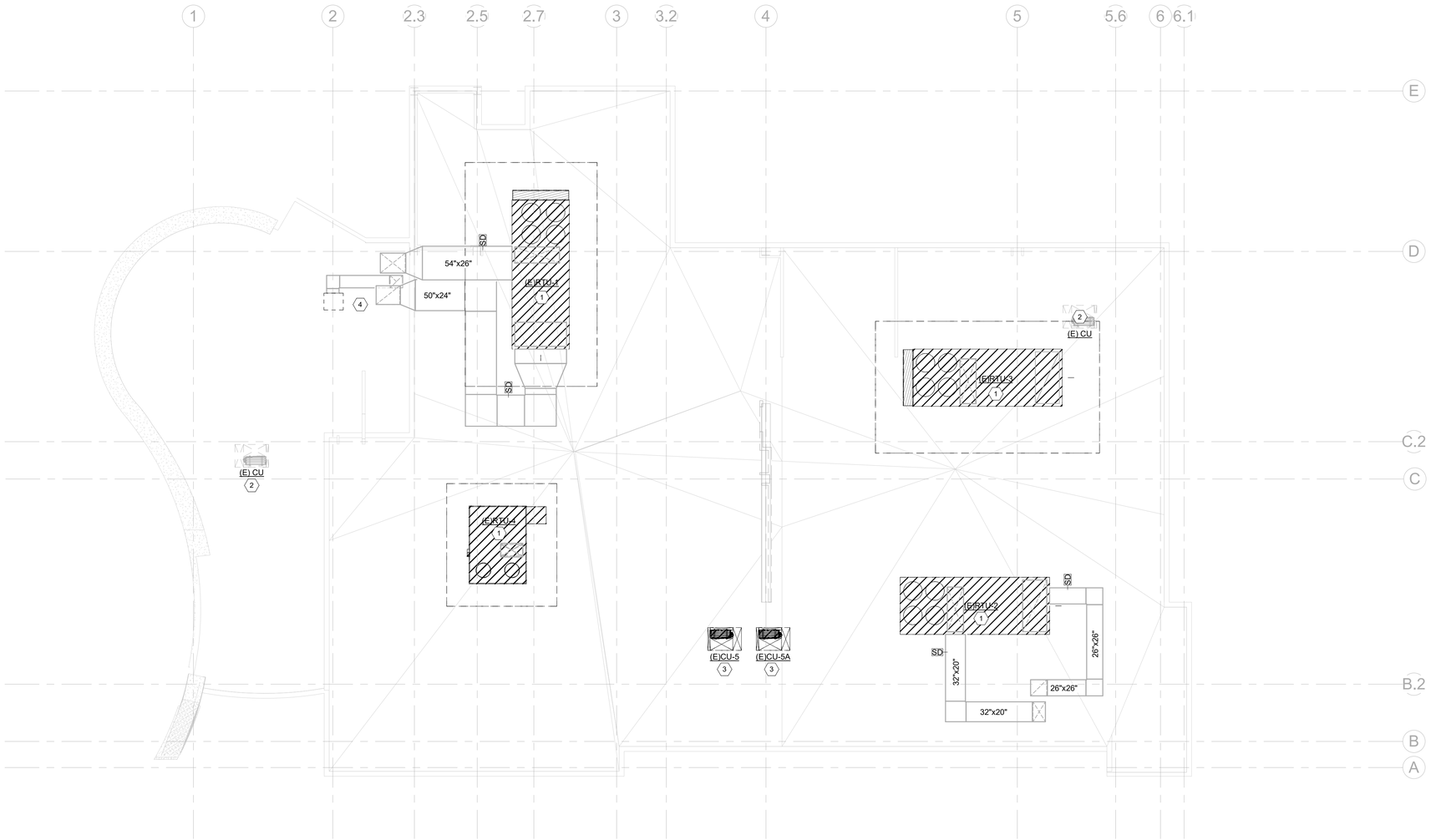
LEVEL 3 - DEMO FLOOR HVAC PLAN

MD-103

Keynote Legend

Key Value	Keynote Text
1	EXISTING ROOF TOP UNITS TO BE REMOVED AND DISPOSED OF. EXISTING ROOF CURBS TO REMAIN.
2	EXISTING MECHANICAL EQUIPMENT TO REMAIN.
3	REMOVE AND DISPOSE EXISTING CONDENSING UNITS AND SUPPORTS.
4	EXISTING EXHAUST FAN TO REMAIN. CLEAN AND REPAIR AS REQUIRED AND RE-BALANCE FAN TO 900 CFM.



1 MD-104 DEMO HVAC ROOF
1/8" = 1'-0"
0 4' 8' 16'

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ROOF DEMO HVAC PLAN

MD-104

PLUMBING ABBREVIATIONS

ABV	ABOVE
ACOUS	ACOUSTICAL
ADD	ADDENDUM
ADDL	ADDITIONAL
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECT/ARCHITECTURAL
AUTO	AUTOMATIC
BFF	BELOW FINISHED FLOOR
BLDG	BUILDING
BTU	BRITISH THERMAL UNITS
CAP	CAPACITY
CLG	CEILING
CO	CLEAN OUT
COL	COLUMN
COMB	COMBINATION
CONC	CONCRETE
COND	CONDENSATE
CONN	CONNECT
CONST	CONSTRUCTION
CONTR	CONTRACT/CONTRACTOR
COORD	COORDINATE
CTR	CENTER
CV	CHECK VALVE
CW	COLD WATER
CW	CLOCKWISE
DET	DETAIL
DIA	DIAMETER
DIV	DIVISION
DN	DOWN
DBP	DOMESTIC WATER BOOSTER PUMP
DWG	DRAWING
EA	EACH
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EXP	EXPANSION
EXPJT	EXPANSION JOINT
EXT	EXTERIOR
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FL	FLOOR
FLG	FLANGE
FS	FLOOR SINK
FT	FOOT/FEET
FUT	FUTURE
GA	GAGE/GAUGE
GC	GENERAL CONTRACTOR
GENL	GENERAL
GPH	GALLONS PER MINUTE
HB	HOSE BIB
HD	HEAD
HORZ	HORIZONTAL
HP	HORSE POWER
HTG	HEATING
HW	HOT WATER
HYD	HYDRANT
ID	INDIRECT
IN	INCH
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
JT	JOINT
LB	POUND
LB/HR	POUNDS PER HOUR
LF	LINEAL FOOT
LOC	LOCATION
MAN	MANUAL
MATL	MATERIAL
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MBH	ONE THOUSAND BTU PER HOUR
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTR	MOTOR
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NUMBER
NO	NORMALLY OPEN
NOM	NOMINAL
NTS	NOT TO SCALE
O	OXYGEN
OF	OVERFLOW
OPNG	OPENING
ORD	OVERFLOW ROOF DRAIN
PD	PRESSURE DROP
PLBG	PLUMBING
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
RD	ROOF DRAIN
REC	RECESSED
RED	REDUCER
REQD	REQUIRED
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RW	RAIN WATER
SF	SQUARE FOOT
SAN	SANITARY
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SLV	SLEEVE
SM	SURFACE MOUNT
SPEC	SPECIFICATION
SQ	SQUARE
STD	STANDARD
STRUCT	STRUCTURAL
SUCT	SUCTION
SUSP	SUSPENDED
TDR	TRENCH DRAIN
TEMP	TEMPERATURE
TYP	TYPICAL
UG	UNDERGROUND
VC	VACUUM
VEL	VELOCITY
VERT	VERTICAL
VOL	VOLUME
VTR	VENT THROUGH ROOF
W	WASTE
WCO	WALL CLEAN OUT
WH	WALL HYDRANT

PLUMBING SYMBOLS

REVISION NUMBER - SHOWN ON PLANS

NUMBER OF DETAIL ON SHEET

NUMBER OF SHEET WHERE DETAIL APPEARS

1 — KEYNOTE

CONTINUATION SYMBOL

Room 1 — ROOM NAME AND NUMBER

2" — PIPE SIZE TAG (DIAMETER)

ABOVE GROUND PIPING

1/8" / 12" SLOPE — PIPE SLOPE TAG

BELOW GROUND PIPING

INV. ELEV:-5' - 1" — PIPE INVERT ELEVATION TAG

CD	CONDENSATE DRAINAGE
CW	DOMESTIC COLD WATER
F-CW	DOMESTIC COLD WATER-FILTERED
H-CW	DOMESTIC COLD WATER-HARD
S-CW	DOMESTIC COLD WATER-SOFT
HW	DOMESTIC HOT WATER
CHW	DOMESTIC HOT WATER-CIRCULATING
V	SANITARY VENT
SS	SANITARY SEWER
SD	STORM DRAINAGE
OSD	STORM DRAINAGE-OVERFLOW

PIPE DROP

PIPE RISE

PIPE TEE

CAP

4" 4" 2" 4"

PLUG

REDUCING 45 DEGREE TEE

45 DEGREE TEE

FLOOR DRAIN FIXTURE

DRAIN SIZE

6" FD-2 — DRAIN TAG

TYPE (SEE SCHEDULE)

X" V UP THRU FLOOR

ROOF DRAIN FIXTURE

DRAIN SIZE

4" ORD-1 / 4" RD-1 — DRAIN TAG

TYPE (SEE SCHEDULE)

PLUMBING FIXTURE

HYD-2 — PLUMBING FIXTURE TAG

TYPE (SEE SCHEDULE)

DOMESTIC WATER METER

FLOW MEASURING AND BALANCING DEVICE

BALL VALVE

CHECK VALVE

THREE WAY VALVE

PRESSURE REDUCING VALVE

BUTTERFLY VALVE

CONNECT TO EXISTING

PLUMBING GENERAL NOTES

NO EXCLUSIONS FROM OR LIMITATIONS IN THE LANGUAGE USED IN THE CONTRACT DOCUMENTS SHALL BE INTERPRETED AS MEANING THAT THE EQUIPMENT, APPURTENANCES, AND/OR ACCESSORIES NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM ARE NOT TO BE PROVIDED AS REQUIRED. THE SEPARATE DIVISIONAL CONTRACT DOCUMENTS DO NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY TO PROVIDE THE WORK WHICH IS INDICATED ON ANY OF THE DIVISIONAL CONTRACT DOCUMENTS. REVIEW AND COORDINATE THE SCOPE OF WORK WITH ALL DOCUMENTS AND TRADES TO ASSURE A COMPLETE AND FUNCTIONAL SYSTEM IS BID AND INSTALLED.

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED TO COMMENCE AND COMPLETE PLUMBING WORK.

SUBMIT FULL SUBMITTALS OF ALL PLUMBING EQUIPMENT AND MATERIALS TO THE ENGINEER FOR REVIEW, WHETHER IT IS EXACTLY AS SPECIFIED OR NOT. WHERE ALTERNATE MANUFACTURERS ARE LISTED IN THE BOOK SPECIFICATIONS, ONE OF THOSE MANUFACTURERS SHALL BE PROVIDED UNLESS A REQUEST FOR SUBSTITUTION HAS BEEN SUBMITTED PRIOR TO BID AND THE MANUFACTURER SUBSEQUENTLY IS LISTED AS AN ACCEPTABLE MANUFACTURER IN AN ADDENDUM. FOR ALL EQUIPMENT WHICH HAS BEEN SCHEDULED DIRECTLY ON THE DESIGN DRAWINGS, PROVIDE WITHIN THE SUBMITTAL A PERFORMANCE SCHEDULE FOR THE PROPOSED EQUIPMENT IN THE SAME FORMAT AS INCLUDED ON THE DRAWINGS. FAILURE TO PROVIDE REQUIRED PERFORMANCE SCHEDULE WILL RESULT IN REJECTION OF THE ENTIRE SUBMITTAL.

BIND COMPLETE SUBMITTALS IN A THREE RING BINDER(S) WITH A TITLE SHEET AND IDENTIFICATION ON FRONT AND SIDE OF THE BINDER. CONTACT ENGINEER FOR PRIOR APPROVAL TO SUBMIT PDF EMAILED SUBMITTALS. SUBMIT ALL PLUMBING PRODUCTS SUBMITTALS ALL AT ONE TIME. PARTIAL SUBMITTALS WILL NOT BE ACCEPTED FOR REVIEW AND APPROVAL. INDEX ALL ITEMS AS APPLICABLE. SUBMITTALS THAT DEVIATE FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL LIST ALL DIFFERENCES IN A COVER LETTER ATTACHED TO FRONT OF THE SUBMITTAL. ANY UNLISTED DEVIATIONS FOUND DURING REVIEW WILL RESULT IN THE REJECTION OF THE ENTIRE SUBMITTAL. FOR ITEMS REVIEWED AND MARKED "REJECTED" OR "REVISE AND RESUBMIT", ONLY ONE ADDITIONAL RE-SUBMITTAL WILL BE REVIEWED TO VERIFY PRODUCT COMPLIANCE WITH THE CONTRACT DOCUMENTS. SHOULD FURTHER SUBMITTALS BE REQUIRED BY THE ENGINEER TO VERIFY THE SUBMITTAL WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, THE HOURLY RATE OF $150.00 WILL BE BILLED TO THE CONTRACTOR FOR THE ENGINEER'S TIME SPENT ON THE REVIEW.

THE CONTRACT DOCUMENTS AND SUBMITTALS OF ALL TRADES SHALL BE COORDINATED AND BE VIEWED IN CONNECTION AND CONJUNCTION WITH EACH OTHER TO INSURE THE PROPER LOCATION AND INSTALLATION OF ALL DEVICES AND EQUIPMENT. MAKE PARTICULAR NOTE OF LOCATIONS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL FLOOR PLANS AND ELEVATIONS.

PLUMBING DRAWINGS INDICATE THE SCHEMATIC LAYOUT AND LOCATION OF THE PLUMBING SYSTEM COMPONENTS. UNLESS SPECIFIC DIMENSIONS ARE NOTED, THE ACTUAL LOCATION OF THESE COMPONENTS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR IN COORDINATION WITH THE WORK OF OTHER TRADES, THE USE OF MANUFACTURER'S SUBMITTALS, AND SIMILAR CERTIFIED DATA.

THE SCHEDULING OF ALL WORK AND SHUTDOWNS OF ALL EXISTING SERVICES SHALL BE COORDINATED WITH THE OWNER TO THEIR SATISFACTION. THE OWNER RESERVES THE RIGHT TO DENY THE USE OF ANY TOOLS DUE TO NOISE.

ALL PLUMBING EQUIPMENT INSTALLED OUTDOORS SHALL BE SECURED TO ITS SUPPORT AS DETAILED BY THE STRUCTURAL ENGINEER FOR THE REQUIRED WIND LOAD DESIGN.

ALL EXTERIOR EXPOSED MATERIALS SHALL BE CONSTRUCTED OF NON-FERROUS MATERIALS AND BE PAINTED WITH TWO COATS OF RUST INHIBITOR PAINT.

INSTALL AND TEST ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN ADEQUATE SERVICE SPACE AS REQUIRED. SERVICE SPACE SHALL BE CLEAR OF DUCTS, PIPES, CONDUITS, WALL STUDS, CEILING HANGERS, AND ANY OTHER CONSTRUCTION APPURTENANCE.

CONTRACTOR SHALL COORDINATE AND PROVIDE ALL CEILING/FLOOR/WALL ACCESS PANELS THAT MAY BE REQUIRED FOR THE INSTALLATION, INSPECTION, AND SERVICE OF PLUMBING EQUIPMENT WHETHER OR NOT IT IS SHOWN. ACCESS PANELS TO BE SELECTED BY THE ARCHITECT.

ALL PLUMBING EQUIPMENT SHALL BE LABELED WITH ENGRAVED, LAMINATED, PLASTIC SIGNS. SIGNS SHALL BE 1/8" THICK AND A MINIMUM OF 1-3/4" HIGH WITH 1" HIGH LETTERS. LENGTH OF THE SIGN SHALL BE THE SUM OF THE LETTERS/NUMBERS PLUS 3/4" ON EACH END. EXTERIOR SIGNS SHALL BE UV RATED, DESIGNATED AND MANUFACTURED TO BE EXPOSED TO THE ELEMENTS.

AT PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 8 HOURS OF TRAINING ON THE OPERATION AND MAINTENANCE OF THE PLUMBING EQUIPMENT.

CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON PARTS AND LABOR FROM THE DATE OF SUBSTANTIAL COMPLETION.

FOR SEALING OF PIPE PENETRATION THROUGH FIRE RATED WALLS, REFER TO ARCHITECTURAL CONTRACT DOCUMENTS. ALL RATED WALL PENETRATIONS SHALL BE SEALED USING APPROVED UL DETAILS.

PROVIDE ADDITIONAL PIPING SUPPORTS ON BOTH SIDES AND WITHIN 18" OF FIRE RATED WALLS. PIPING SHALL NOT BE SUPPORTED FROM ANY FIRE RATED WALL.

ALL PIPING MUST BE INSTALLED 6" AWAY FROM ANY FIRE RATED WALL.

ALL RATED WALL PENETRATIONS SHALL BE MADE AT A 90° ANGLE.

HANGERS, ANCHORS AND SUPPORTS SHALL SUPPORT THE PIPING AND THE CONTENTS OF THE PIPING. HANGERS AND STRAPING MATERIALS SHALL BE OF APPROVED MATERIALS THAT WILL NOT PROMOTE GALVANIC ACTION. PROVIDE PIPE SADDLES BELOW INSULATED PIPES.

HANGERS AND ANCHORS SHALL BE ATTACHED TO THE BUILDING CONSTRUCTION IN AN APPROVED MANNER.

RIGID SUPPORT SWAY BRACING SHALL BE PROVIDED AT CHANGES IN DIRECTION GREATER THAN 45° FOR PIPE SIZES 4" AND LARGER.

ANCHORAGE SHALL BE PROVIDED TO RESTRAIN DRAINAGE PIPING FROM AXIAL MOVEMENT. FOR PIPE SIZES GREATER THAN 4", RESTRAINTS SHALL BE PROVIDED FOR DRAIN PIPES AT ALL CHANGES IN DIRECTION AND AT ALL CHANGES IN DIAMETER GREATER THAN TWO PIPE SIZES. BRACES, BLOCKS, RODDING AND OTHER SUITABLE METHODS AS SPECIFIED BY THE COUPLING MANUFACTURER SHALL BE UTILIZED.

PROVIDE ALL OFFSETS AND FITTINGS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. MAKE CONNECTION TO SITE UTILITIES. COORDINATE WITH SITE UTILITY CONTRACTOR AS REQUIRED.

CONCEAL PIPING ABOVE CEILING, WITHIN WALL OR CHASES EXCEPT IN MECHANICAL ROOMS OR AS SPECIFICALLY NOTED.

PROVIDE AN AIR GAP WHEN WASTE CONNECTION IS REQUIRED TO BE INDIRECT, SERVICING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES AND APPARATUS.

ALL EXPOSED PIPE AND FITTINGS IN FINISHED AREAS SHALL BE CHROME PLATED. IF PIPING IS NOT AVAILABLE CHROME PLATED, PIPING SHALL BE PAINTED WITH CHROME COLORED PAINT.

PROVIDE CLEANOUTS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - PLUMBING. INSTALL CLEANOUT WITH COVER FLUSH TO FINISH SURFACE. WHEN OUTDOORS, PROVIDE CONCRETE ADJACENT TO CLEANOUT AS SHOWN ON THE DETAIL ON THE DRAWINGS. PROVIDE CLEANOUTS IN VERTICAL RISERS A MINIMUM OF EVERY THREE FLOORS.

COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL DEVICES. PROVIDE INSULATED DRAIN PAN UNDER PIPING WHERE ABSOLUTELY NOT POSSIBLE TO AVOID.

ALL WALL MOUNTED LAVATORIES SHALL BE ATTACHED TO FLOOR MOUNTED CARRIERS DESIGNED TO WITHSTAND A VERTICAL LOAD OF 250 POUNDS ON THE FRONT OF FIXTURE. ALL WALL HUNG WATER CLOSET BOWLS SHALL BE SUPPORTED BY A CONCEALED METAL CARRIER THAT IS ATTACHED TO THE BUILDING STRUCTURAL MEMBERS. THE CARRIER SHALL CONFORM TO ASME A112.6.1M OR ASME 112.6.2.A. WALL HUNG WATER CLOSET MUST BE CAPABLE OF SUPPORTING A LOAD OF 500 POUNDS AT THE END OF THE WATER CLOSET. ALL WALL HUNG URINALS SHALL BE SUPPORTED BY A CONCEALED METAL CARRIER THAT TRANSFERS THE WEIGHT OF THE URINAL TO THE FLOOR.

PROVIDE SANITARY WASTE, VENT, DOMESTIC WATER, ETC. ROUGH-IN AND MAKE FINAL CONNECTIONS (TO INCLUDE PROVIDING ALL NECESSARY RELATED STOPS, VALVES, TRAPS, ETC. AND MAKE READY TO USE) TO ALL EQUIPMENT, WHETHER FURNISHED BY THIS CONTRACTOR OR FURNISHED BY OTHERS.

SECURE THE BASE OF ALL WATER COOLERS TO THE WALL. CAULK ALONG TOP OF WATER COOLER TO WALL.

FOLLOW ADA GUIDELINES FOR ACCESSIBILITY TO PLACES OF PUBLIC ACCOMMODATION AND COMMERCIAL FACILITIES BY INDIVIDUALS WITH DISABILITIES. THESE GUIDELINES ARE TO BE APPLIED DURING DESIGN, CONSTRUCTION AND ALTERATION OF SUCH BUILDING AND FACILITIES TO THE EXTENT REQUIRED BY REGULATIONS ISSUED BY FEDERAL AGENCIES, INCLUDING THE DEPARTMENT OF JUSTICE, UNDER THE AMERICANS WITH DISABILITIES ACT (ADA), LATEST EDITION.

THE LOCATIONS OF ALL CLEANOUTS, VALVES, GAUGES, ETC. SHALL BE LOCATED FOR ACCESS AND/OR SERVICE IN REFERENCE TO THE FINISHED BUILDING. WALL CLEANOUT SHALL BE 18" A.F.F. AND FLOOR CLEANOUTS SHALL BE LOCATED WITHIN 12" OF AN ADJACENT WALL.

WHERE PLUMBING SERVICES ARE REQUIRED FOR EQUIPMENT FURNISHED UNDER OTHER TRADES OR PROVIDED BY THE OWNER (OFCI), THE CONTRACTOR SHALL DETERMINE ACCURATE ROUGHING REQUIREMENTS IN ADVANCE OF WORK, SET EQUIPMENT IN PLACE AND MAKE NECESSARY SERVICE CONNECTIONS. PROVIDE ACCESSORIES AS REQUIRED.

REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND ROUGHING DIMENSIONS OF ALL PLUMBING FIXTURES, ALL FLOOR DRAINS SHALL BE SERVED BY AN APPROVED GRAVITY TYPE TRAP PRIMER.

DIELECTRIC UNIONS SHALL BE INSTALLED AT ALL CONNECTIONS OF DISSIMILAR METALS (SUCH AS COPPER TO GALVANIZED STEEL).

ABOVEGROUND SANITARY, VENT, AND STORM WATER PIPING 2" AND LARGER SHALL BE SERVICE WEIGHT HUBLESS CAST-IRON PIPE AND FITTINGS WITH WIDE BODY TYPE 304 STAINLESS STEEL HEAVY-DUTY COUPLINGS WITH NEOPRENE GASKETS. PIPE SHALL CONFORM TO ASTM A 74, CISPI 301, OR ASTM A 888. COUPLINGS SHALL CONFORM TO CISPI 310 OR ASTM C 1277. THE ELASTOMERIC SEALING SLEEVE SHALL CONFORM TO ASTM C 564 OR CAN/CSA B602 AND SHALL BE PROVIDED WITH A CENTER STOP.

COLD WATER, HOT WATER, SHALL BE TYPE "L" HARD COPPER TUBE AND SHALL CONFORM TO NSF 61 AND ASTM B 75, ASTM B 88, ASTM B 251 OR ASTM B 447. FITTINGS SHALL BE COPPER OR COPPER ALLOY AND SHALL CONFORM TO NSF 61 AND ASME B16.15, ASME B16.18, ASME B16.22, ASME B16.23, ASME B16.26 OR ASME B16.29. SOLDERED JOINTS SHALL BE MADE IN ACCORDANCE WITH THE METHODS OF ASTM B828. THE JOINING OF WATER SUPPLY SHALL BE 95/5 LEAD FREE SOLDER AND THE SOLDER SHALL CONFORM TO ASTM B 32.

PROPRESS OR PEX TYPE WATER PIPING IS NOT ACCEPTABLE.

INSULATE ALL DOMESTIC HOT WATER AND HOT WATER RECIRCULATION PIPING WITH FIBERGLASS WITH "ASJ" VAPOR BARRIER JACKET AND 25/50 FIRE/SMOKE RATING; $\frac{3}{4}$" FOR $\frac{3}{4}$" PIPE, 1" FOR 1" PIPE, 2.5" FOR LARGER THAN 1-1/2" PIPE.

PROVIDE VALVES WHERE INDICATED ON PLAN AND NECESSARY FOR PROPER SYSTEM OPERATION AND COMPONENT ISOLATION. PROVIDE VALVES RATED FOR 125 PSI OR GREATER WORKING PRESSURE IN WATER PIPING. PROVIDE FULL PORT BALL VALVES OR BUTTERFLY VALVES. BALL VALVES: NIBCO S-585-70; CHECK VALVES: NIBCO S-413; DRAIN VALVES: NIBCO S-585-70-HC; BALANCING VALVES: NIBCO S-1710.

VERIFY SIZES, LOCATION, INVERTS AND ELEVATIONS PRIOR TO INSTALLING ANY PIPING.

COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND FURNISH EQUIPMENT WIRED FOR THE VOLTAGE SHOWN HEREIN. PROVIDE STATEMENT INDICATING THIS HAS OCCURRED WITH THE SHOP DRAWING SUBMITTALS.

SLOPE ALL SANITARY PIPING 3" TO 6" AT A MINIMUM SLOPE OF 1/8" PER FOOT. ALL SANITARY PIPING 2-1/2" AND SMALLER SHALL BE SLOPED AT A MINIMUM OF 1/4" PER FOOT.

ALL EXPOSED PIPING UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED WITH PROTECTIVE UNDER-SINK PIPE COVERS AND PLUMBING ENCLOSURES AS MANUFACTURED BY TRUEBRO.

ALL SANITARY, VENT AND WATER PIPING SHALL BE TESTED BEFORE BEING CONCEALED IN ANY WAY. ALL JOINTS SHALL BE MADE DRIP TIGHT BEFORE BEING CONCEALED. DOMESTIC WATER PIPING SHALL BE TESTED AT 1-1/2 TIMES OPERATING PRESSURE OR 100 PSI, WHICHEVER IS GREATER.

DISINFECT POTABLE WATER SYSTEM PER THE FLORIDA BUILDING CODE. PROVIDE DOCUMENTATION IN THE CLOSE OUT DOCUMENTS.

LAVATORIES: PROVIDE $\frac{1}{2}$" ANGLE STOP VALVE, WALL FLANGE, CHROME PLATED AND BRAIDED STAINLESS STEEL SUPPLY LINE.

LAVATORIES & SINK TRAPS: PROVIDE 17 GUAGE, CHROME PLATED BRASS WITH WALL FLANGE AND NO CLEANOUT.

ALL EXTERIOR EXPOSED PIPING HANGERS TO BE STAINLESS STEEL.

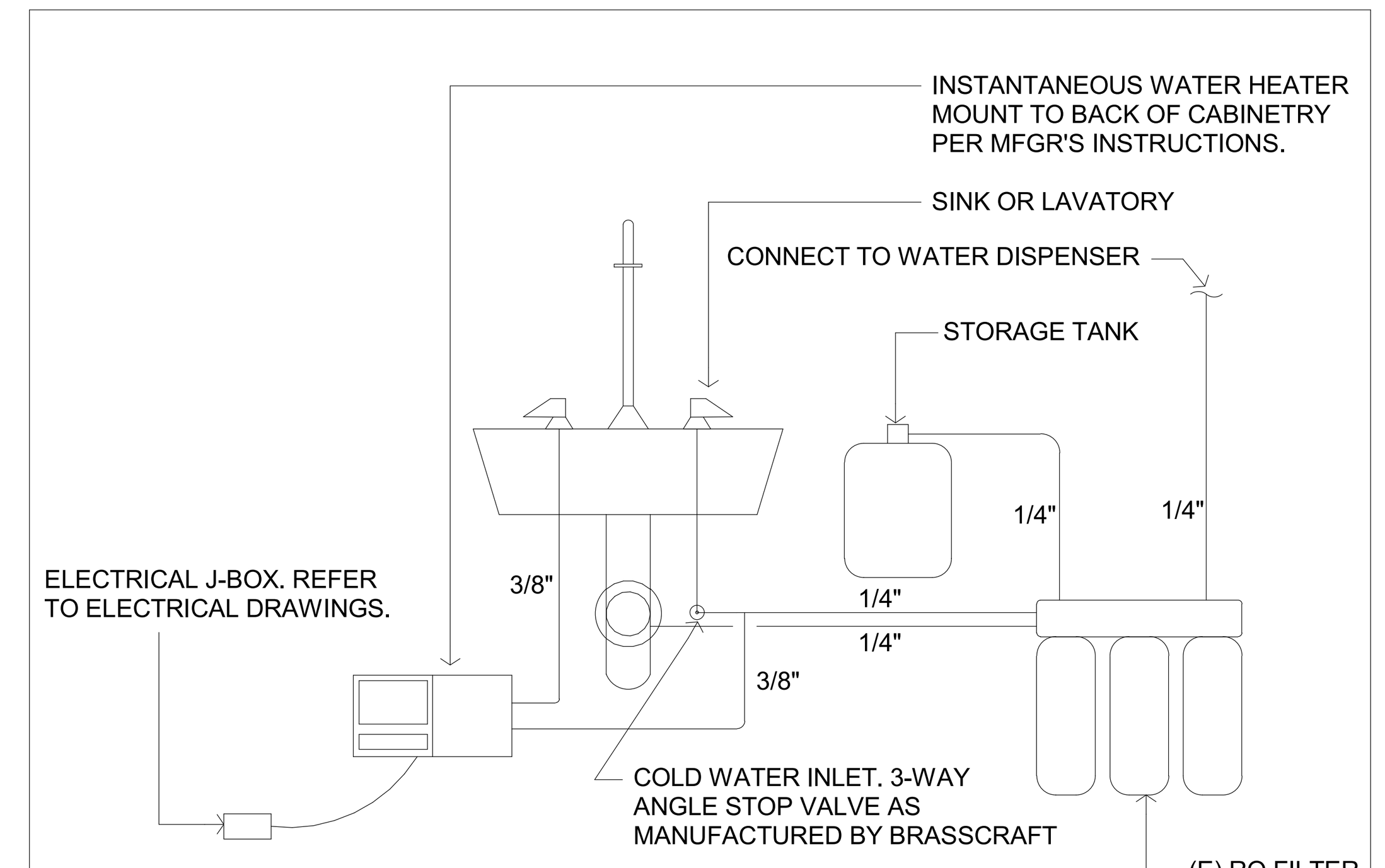
PLUMBING CODE CRITERIA

THE FOLLOWING IS A LIST OF ALL CODES ADOPTED DECEMBER 31, 2017 BY THE STATE FIRE MARSHALL'S RULE 69A3.012 F.A.C.:
* FLORIDA BUILDING CODE 6TH EDITION (2017) - ALL SECTIONS
* FLORIDA ENERGY EFFICIENCY CODE (FBC 2017, FLORIDA ENERGY CODE SOFTWARE: ENERGYGAUGE SUMMIT VERSION 6.00
* FLORIDA FIRE PREVENTION CODE 6TH EDITION (2017)

69A-3.012 STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION ADOPTED.
(1) EXCEPT AS SPECIFICALLY MODIFIED BY STATUTE OR BY THE STATE FIRE MARSHAL'S RULES, THE "FLORIDA FIRE PREVENTION CODE, 6TH EDITION (2017)," WHICH IS COMPRISED OF THE FLORIDA SPECIFIC EDITION OF NFPA 101, THE LIFE SAFETY CODE (2015 EDITION) AND THE FLORIDA SPECIFIC EDITION OF NFPA 1, THE FIRE CODE (2015 EDITION), ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S. IN ADDITION, THE FOLLOWING STANDARDS, EXCEPT AS SPECIFICALLY MODIFIED IN THE RULE CHAPTERS IN RULE TITLE 69A, ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND SHALL TAKE EFFECT ON THE EFFECTIVE DATE OF THIS RULE, AS A PART OF THE UNIFORM FIRE SAFETY STANDARDS ADOPTED BY RULE BY THE STATE FIRE MARSHAL AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S.:
* NFPA 13, 2013 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
* NFPA 70, 2014 EDITION, NATIONAL ELECTRIC CODE
* NFPA 72, 2013 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE

OTHER:
* AMERICAN SOCIETY OF PLUMBING ENGINEERS (ASPE) STANDARDS
* LOCAL CODES AND ORDINANCES

NOTE: TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THESE PLUMBING DESIGN DRAWINGS COMPLY WITH THE ABOVE CODE CRITERIA. WHEN TWO OR MORE CODES OR STANDARDS ARE IN CONFLICT, THE MORE STRINGENT SHALL APPLY.



INSTANTANEOUS WATER HEATER

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	WASTE	VENT	CW	HW	TRIM MODEL	REMARK
(N)WC-1	WATER CLOSET FLUSHOMETER	-	-	-	-	SLOAN #G2-8111	PLUMBING CONTRACTOR TO PROVIDE NEW BATTERY POWERED AUTOMATIC FLUSH VALVE AND VERIFY IF NEW ROUGH-INS COINCIDES WITH EXISTING ROUGH-INS PRIOR TO ORDERING.
(N)L-1	LAVATORY	-	-	-	-	SLOAN SF-2400	PROVIDE NEW FAUCET EQUAL TO SLOAN #SF-2400. VERIFY IF NEW ROUGH-INS COINCIDES WITH EXISTING ROUGH-INS PRIOR TO ORDERING.
(N)L-2	LAVATORY	-	-	-	-	SLOAN SF-2400	PROVIDE NEW FAUCET EQUAL TO SLOAN #SF-2400. VERIFY IF NEW ROUGH-INS COINCIDES WITH EXISTING ROUGH-INS PRIOR TO ORDERING.
(N)UR-1	URINAL FLUSHOMETER	-	-	-	-	SLOAN #G2-8186	PLUMBING CONTRACTOR TO PROVIDE NEW BATTERY POWERED AUTOMATIC FLUSH VALVE AND VERIFY IF NEW ROUGH-INS COINCIDES WITH EXISTING ROUGH-INS PRIOR TO ORDERING.
(N)S-1	BREAK ROOM SINK	2"	2"	1/2"	1/2"	JUST MANUFACTURING USN-ADA-1620-A DELTA #400-DST	SINGLE BOWL 20"X16"X5-1/2" 18 GUAGE STAINLESS STEEL SINK. SINGLE HANDLE DECK MOUNT. PROVIDE P-TRAP, SUPPLY TUBES AND ANGLE STOP VALVES.
(N)S-2	CONFERENCE ROOM SINK	2"	2"	1/2"	1/2"	JUST MANUFACTURING US-1212-A-18 GA DELTA #400-DST	SINGLE BOWL 12"X12"X7-1/2" 18 GUAGE STAINLESS STEEL SINK. SINGLE HANDLE DECK MOUNT. PROVIDE P-TRAP, SUPPLY TUBES AND ANGLE STOP VALVES.
(N) WD-1	WATER DISPENSER	-	-	1/2"	-	ELKAY DSBSH130UVPC	

Note:

1. PROVIDE ASSE 1070 THERMOSTATIC MIXING VALVE AT ALL LAVATORIES AND SINKS.
2. ON FIRST FLOOR, PROVIDE DISHWASHER TEE AT (N)S-1 TAILPICE AND CONNECT TO RESIDENTIAL TYPE DISHWASHER AS REQUIRED. PROVIDE DUAL OUTLET STOP VALVE AT SINK HOT WATER.

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THEA TMC OFFICE RENOVATIONS

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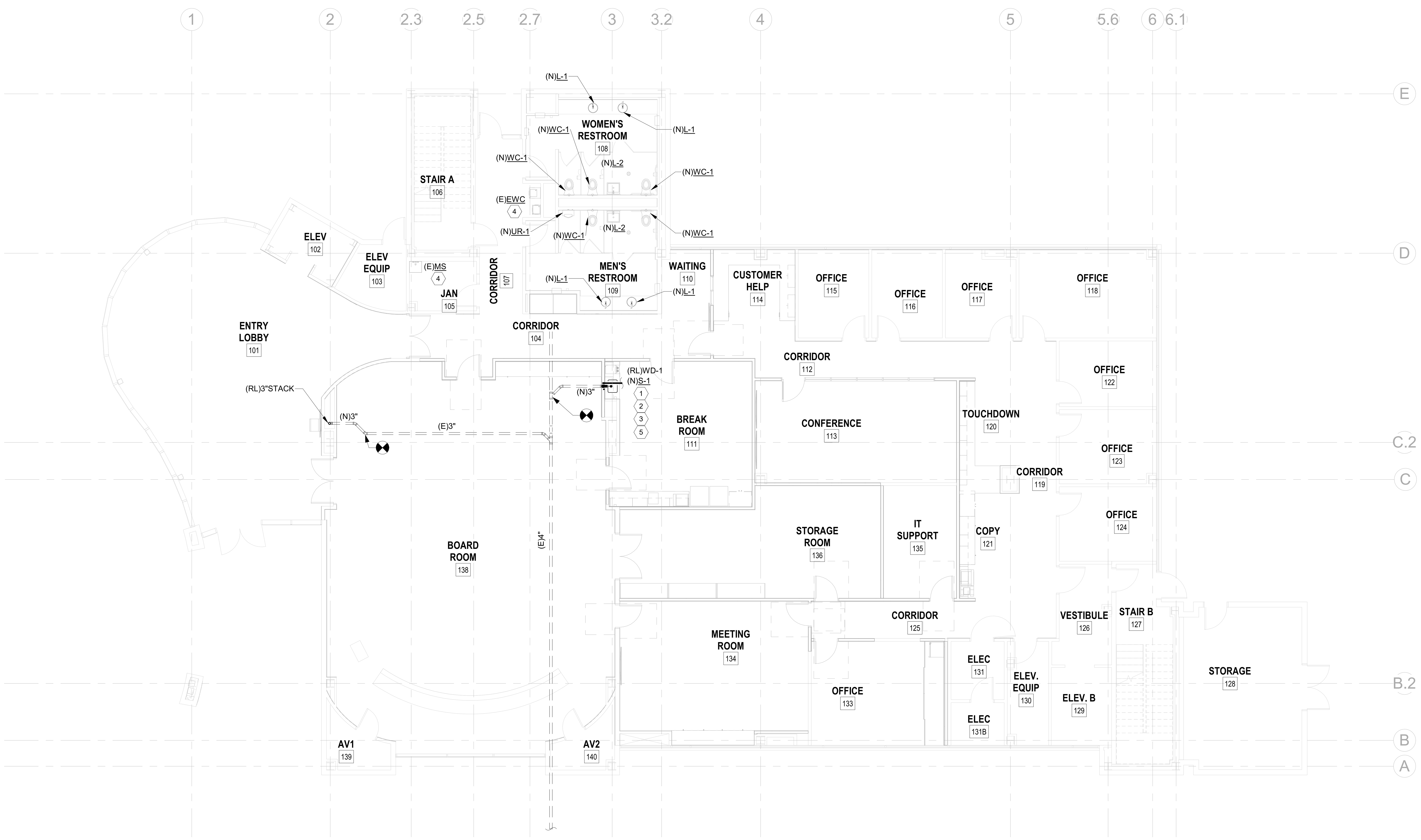
LEGENDS, NOTES, AND ABBREVIATIONS

P-000



1
P-101
LEVEL 1 - FLOOR PLUMBING PLAN
1/8" = 1'-0"
0 4' 8' 16'

Keynote Legend

Key Value	Keynote Text
1	CONNECT NEW 1/2"CW TO EXISTING COLD WATER MAIN IN THIS AREA. FIELD VERIFY EXACT LOCATION PRIOR TO START OF WORK.
2	CONNECT NEW 2" VENT PIPING TO EXISTING VENT PIPING IN THIS AREA. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT LOCATION PRIOR TO START OF WORK.
3	CONNECT NEW 2" SANITARY PIPING TO EXISTING SANITARY PIPING IN THIS AREA. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT LOCATION, INVERT ELEVATION AND DIRECTION OF FLOW PRIOR TO START OF WORK.
4	EXISTING PLUMBING FIXTURE TO REMAIN.
5	INSTALL EXISTING WATER AND EXISTING REVERSE OSMOSIS UNDER NEW SINK. PLUMBING CONTRACTOR TO VERIFY IF NEW ROUGH-INS COINCIDES WITH EXSTING ROUGH-INS.

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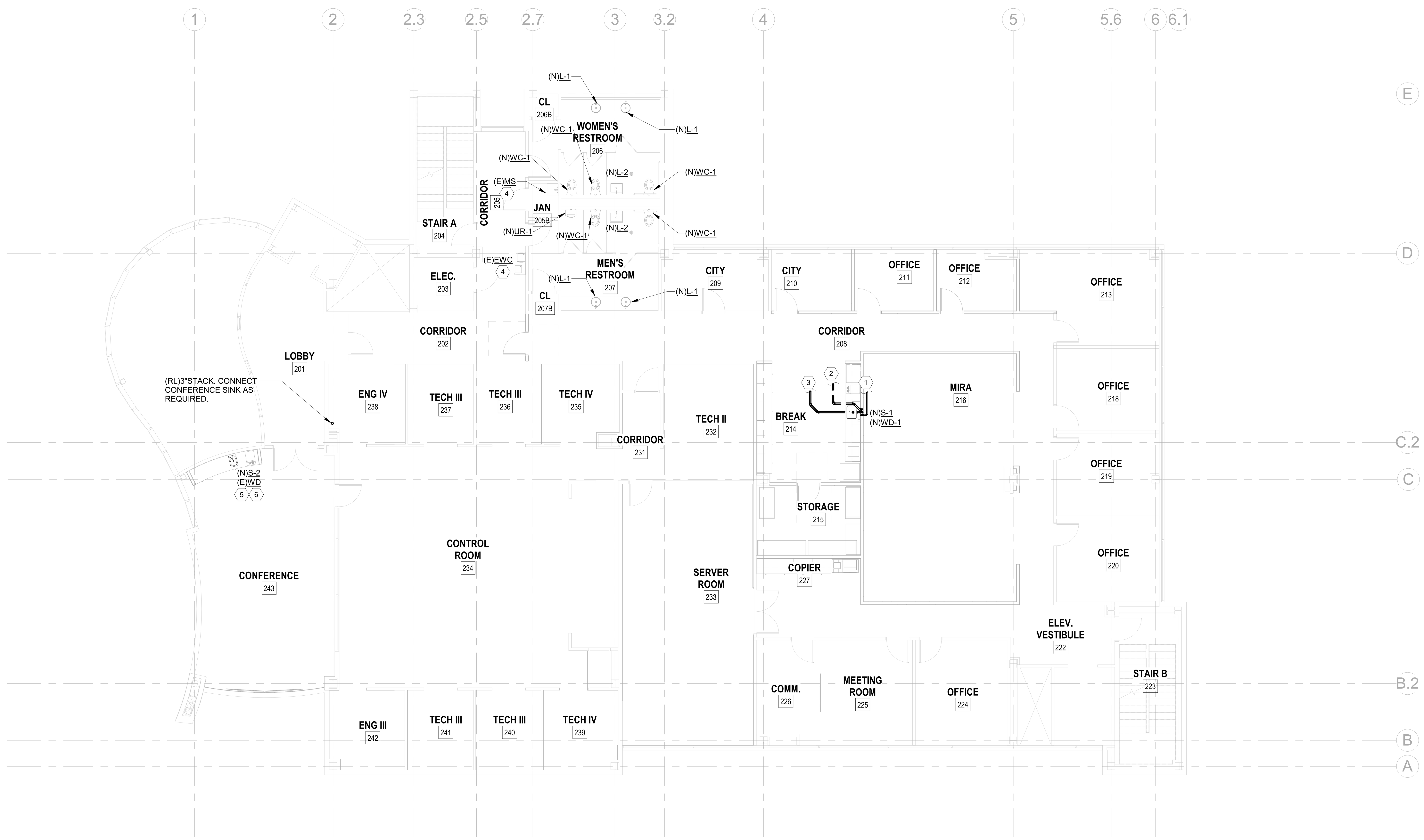
LEVEL 1 - FLOOR PLUMBING PLAN

P-101

Keynote Legend

Key Value	Keynote Text
1	CONNECT NEW 1/2"CW TO EXISTING COLD WATER MAIN IN THIS AREA. FIELD VERIFY EXACT LOCATION PRIOR TO START OF WORK.
2	CONNECT NEW 2" VENT PIPING TO EXISTING VENT PIPING IN THIS AREA. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT LOCATION PRIOR TO START OF WORK.
3	CONNECT NEW 2" SANITARY PIPING TO EXISTING SANITARY PIPING IN THIS AREA. PLUMBING CONTRACTOR TO FIELD VERIFY EXACT LOCATION, INVERT ELEVATION AND DIRECTION OF FLOW PRIOR TO START OF WORK.
4	EXISTING PLUMBING FIXTURE TO REMAIN.
5	INSTALL EXISTING WATER AND EXISTING REVERSE OSMOSIS UNDER NEW SINK. PLUMBING CONTRACTOR TO VERIFY IF NEW ROUGH-INS COINCIDES WITH EXSTING ROUGH-INS.
6	INSTALL EXISTING WATER DISPENSER.



1 P-102 LEVEL 2 - FLOOR PLUMBING PLAN
1/8" = 1'-0" 0 4' 8' 16'

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THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY MICHAEL A. COSTELLO, PE, USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND ANY SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPY.

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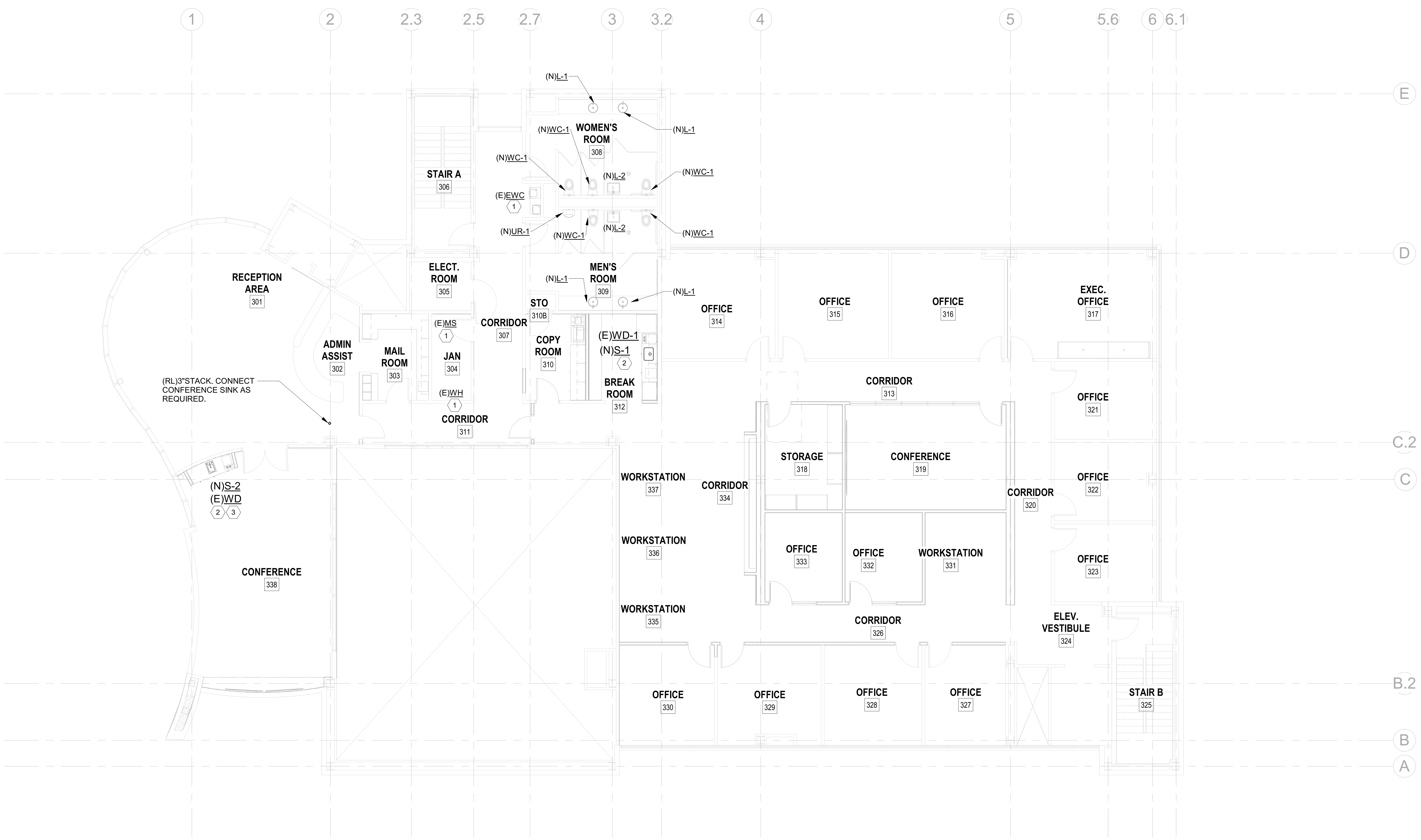
LEVEL 2 - FLOOR PLUMBING PLAN

P-102

Keynote Legend

Key Value	Keynote Text
1	EXISTING PLUMBING FIXTURE TO REMAIN.
2	INSTALL EXISTING WATER AND EXISTING REVERSE OSMOSIS UNDER NEW SINK. PLUMBING CONTRACTOR TO VERIFY IF NEW ROUGH-INS COINCIDES WITH EXSTING ROUGH-INS.
3	INSTALL EXISTING WATER DISPENSER.



1 P-103 LEVEL 3 - FLOOR PLUMBING PLAN
1/8" = 1'-0"
0 4' 8' 16'

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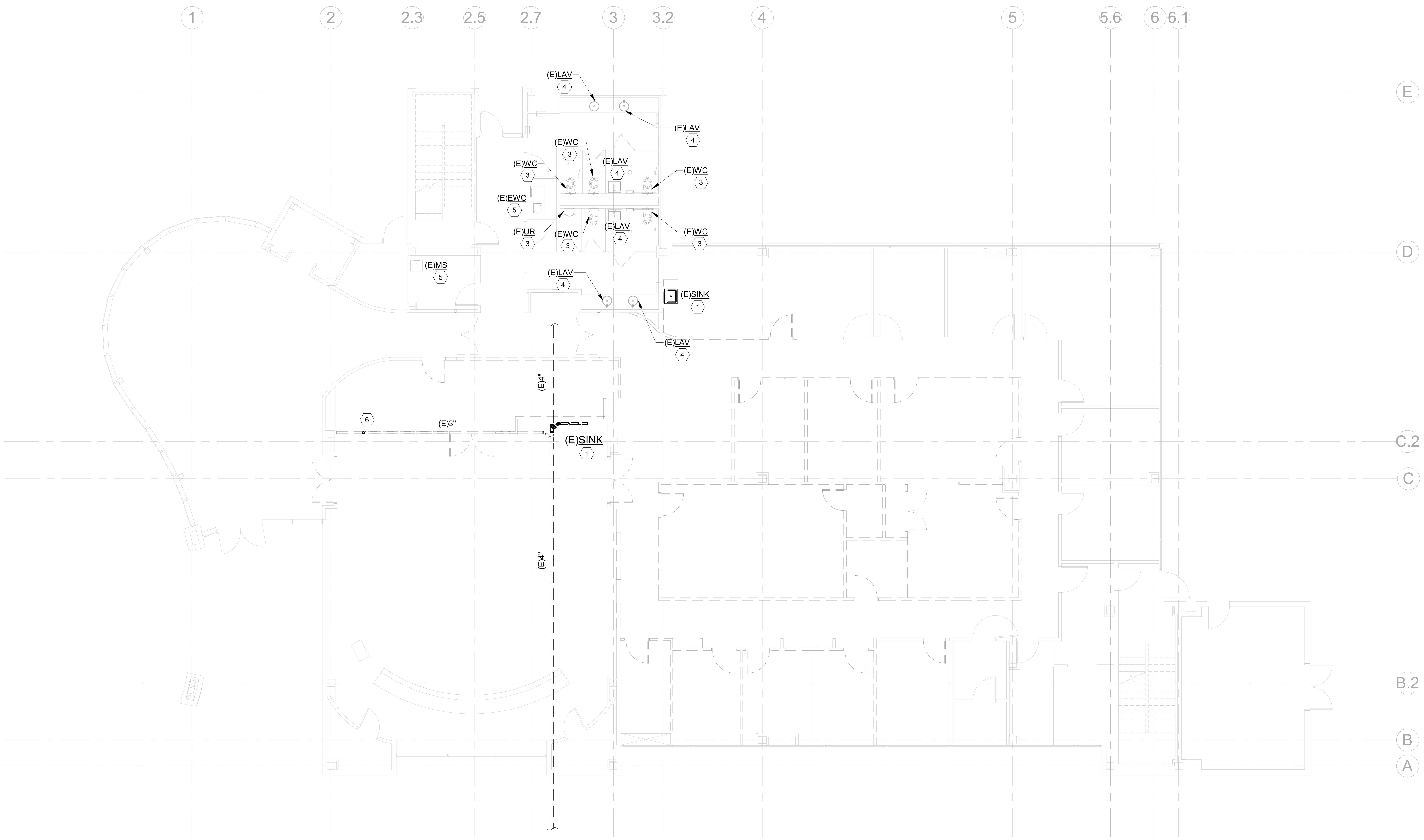
LEVEL 3 - FLOOR PLUMBING PLAN

P-103

Keynote Legend

Key Value	Keynote Text
1	REMOVE AND DISPOSED EXISTING SINK. EXISTING WATER HEATER AND EXISTING REVERSE OSMOSIS SERVING SINK (BOTH UNDER SINK) TO REMAIN; PROTECT/STORE DURING DEMOLITION. CAP EXISTING SANITARY, VENT, HOT AND COLD WATER SERVICES AS CLOSE AS POSSIBLE TO MAIN LINES.
2	NOT USED.
3	EXISTING PLUMBING FIXTURE TO REMAIN. REMOVE AND DISPOSED EXISTING MANUAL FLUSH VALVE AND PREPARE FOR NEW BATTERY POWERED AUTOMATIC FLUSH VALVE. CONTRACTOR TO VERIFY IF NEW VALVE COINCIDE WITH EXISTING ROUGH-INS.
4	EXISTING PLUMBING FIXTURE TO REMAIN. REMOVE AND DISPOSED EXISTING MANUAL FAUCET AND PREPARE FOR NEW BATTERY POWERED AUTOMATIC FAUCET. CONTRACTOR TO VERIFY IF NEW VALVE COINCIDE WITH EXISTING ROUGH-INS.
5	EXISTING PLUMBING FIXTURE TO REMAIN.
6	EXISTING 3"SANITARY STACK TO BE RELOCATED.



1 PD-101 LEVEL 1 - DEMO FLOOR PLUMBING PLAN
1/8" = 1'-0"
0 4' 8' 16'

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THEA TMC OFFICE RENOVATIONS

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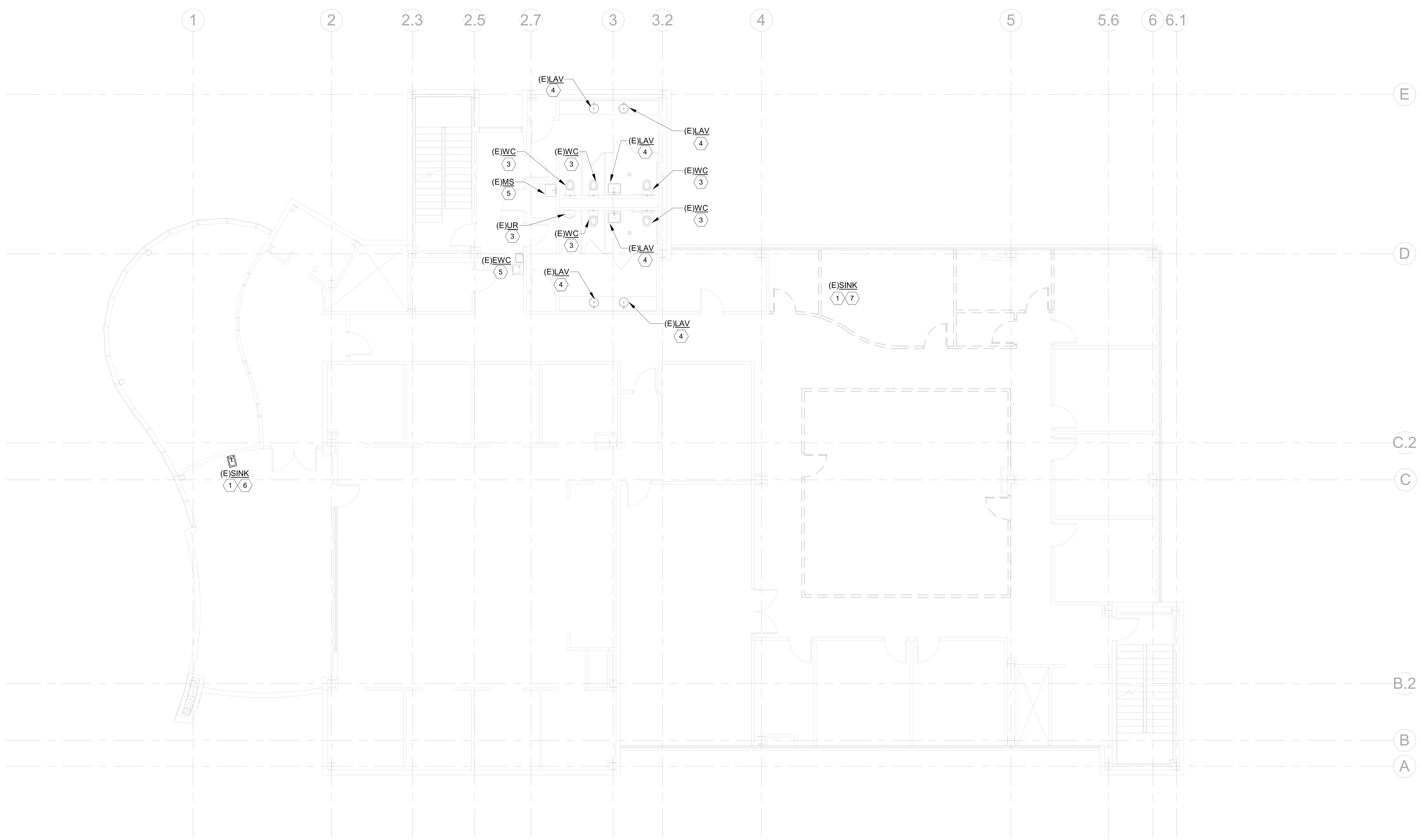
LEVEL 1 - DEMO FLOOR PLUMBING PLAN

PD-101

Keynote Legend

Key Value	Keynote Text
1	REMOVE AND DISPOSED EXISTING SINK. EXISTING WATER HEATER AND EXISTING REVERSE OSMOSIS SERVING SINK (BOTH UNDER SINK) TO REMAIN; PROTECT/STORE DURING DEMOLITION. CAP EXISTING SANITARY, VENT, HOT AND COLD WATER SERVICES AS CLOSE AS POSSIBLE TO MAIN LINES.
2	NOT USED.
3	EXISTING PLUMBING FIXTURE TO REMAIN. REMOVE AND DISPOSED EXISTING MANUAL FLUSH VALVE AND PREPARE FOR NEW BATTERY POWERED AUTOMATIC FLUSH VALVE. CONTRACTOR TO VERIFY IF NEW VALVE COINCIDE WITH EXISTING ROUGH-INS.
4	EXISTING PLUMBING FIXTURE TO REMAIN. REMOVE AND DISPOSED EXISTING MANUAL FAUCET AND PREPARE FOR NEW BATTERY POWERED AUTOMATIC FAUCET. CONTRACTOR TO VERIFY IF NEW VALVE COINCIDE WITH EXISTING ROUGH-INS.
5	EXISTING PLUMBING FIXTURE TO REMAIN.
6	EXISTING WATER DISPENSER TO BE REUSE DURING RENOVATION PHASE.
7	EXISTING WATER DISPENSER TO BE DEMOLISHED.



1 PD-102 LEVEL 2 - DEMO FLOOR PLUMBING PLAN
1/8" = 1'-0"
0 4' 8' 16'

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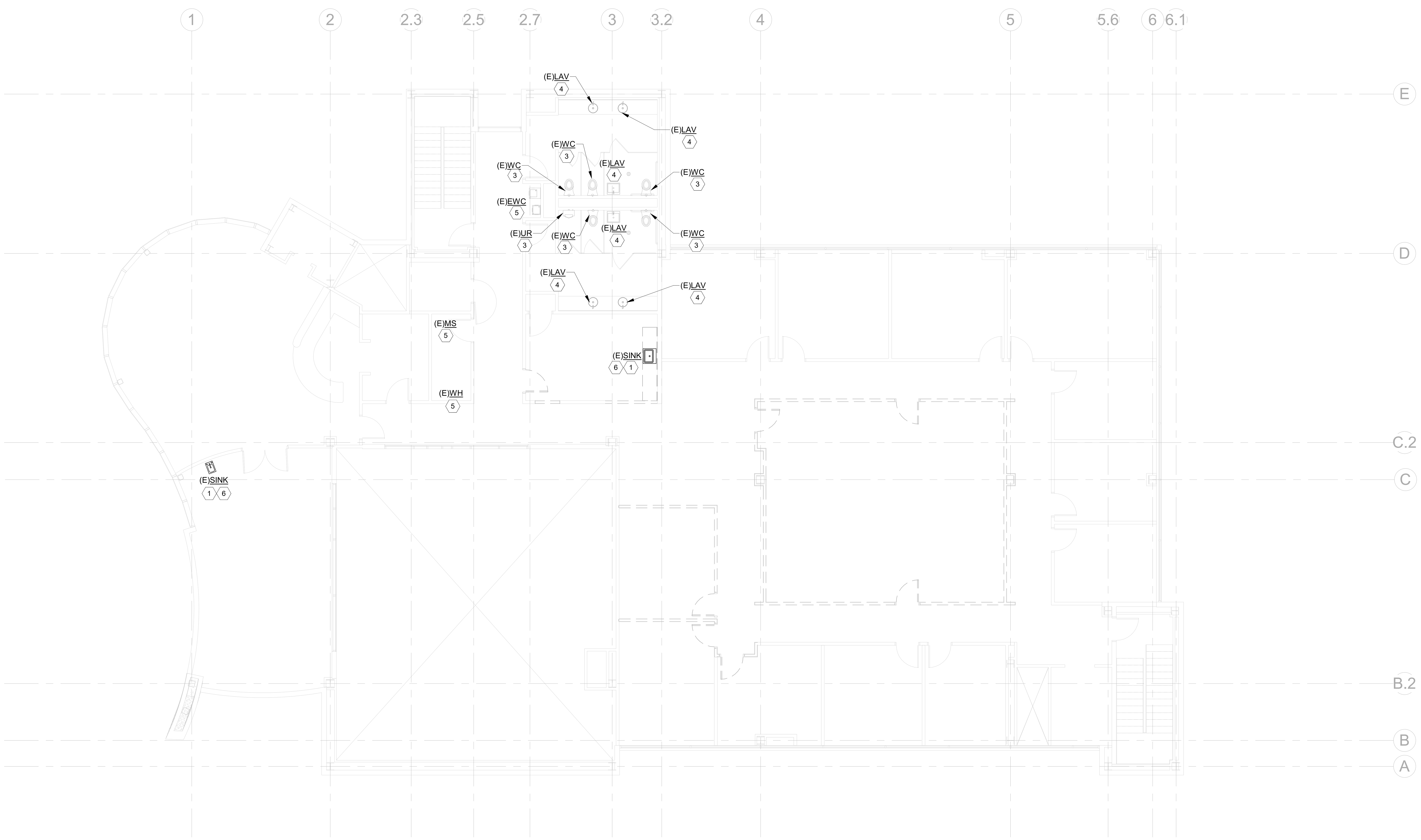
LEVEL 2 - DEMO FLOOR PLUMBING PLAN

PD-102

Keynote Legend

Key Value	Keynote Text
1	REMOVE AND DISPOSED EXISTING SINK, EXISTING WATER HEATER AND EXISTING REVERSE OSMOSIS SERVING SINK (BOTH UNDER SINK) TO REMAIN; PROTECT/STORE DURING DEMOLITION. CAP EXISTING SANITARY, VENT, HOT AND COLD WATER SERVICES AS CLOSE AS POSSIBLE TO MAIN LINES.
2	NOT USED.
3	EXISTING PLUMBING FIXTURE TO REMAIN. REMOVE AND DISPOSED EXISTING MANUAL FLUSH VALVE AND PREPARE FOR NEW BATTERY POWERED AUTOMATIC FLUSH VALVE. CONTRACTOR TO VERIFY IF NEW VALVE COINCIDE WITH EXISTING ROUGH-INS.
4	EXISTING PLUMBING FIXTURE TO REMAIN. REMOVE AND DISPOSED EXISTING MANUAL FAUCET AND PREPARE FOR NEW BATTERY POWERED AUTOMATIC FAUCET. CONTRACTOR TO VERIFY IF NEW VALVE COINCIDE WITH EXISTING ROUGH-INS.
5	EXISTING PLUMBING FIXTURE TO REMAIN.
6	EXISTING WATER DISPENSER TO BE REUSE DURING RENOVATION PHASE.



1 PD-103 LEVEL 3 - DEMO FLOOR PLUMBING PLAN
1/8" = 1'-0"
0 4' 8' 16'

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LEVEL 3 - DEMO FLOOR PLUMBING PLAN

PD-103

ELECTRICAL SYMBOL LEGEND

HT AFF	SYMBOL	DESCRIPTION
AS NOTED	C	SURFACE LIGHT (TYPE DENOTED)
AS NOTED	F	WALL MOUNTED FLOODLIGHT (TYPE DENOTED)
	R	RECESSED LIGHT (TYPE DENOTED)
	G	SURFACE LINEAR LIGHT (TYPE DENOTED)
	P1 P2	SUSPENDED OR PENDANT LIGHT (TYPE DENOTED)
	H	RECESSED LINEAR LIGHT (TYPE DENOTED)
	ST1	STRIP LIGHT (TYPE DENOTED)
12"*	E E	EXIT SIGN (TYPE DENOTED)
		LIGHT FIXTURE ON (EM) LIFE SAFETY BRANCH
48"		SINGLE POLE SW.
48"	2	2 POLE SINGLE THROW SW.
48"	3	3-WAY SW.
48"	4	4-WAY SW.
48"	D	DIMMER SWITCH
48"	OS	OCCUPANCY SENSOR SWITCH
48"	M	MOTOR HORSEPOWER RATED SWITCH
	OS	OCCUPANCY SENSOR - TYPE DENOTED
18"		SINGLE RECEPT.
18"		DUPLEX RECEPT.
18"		SPLIT DUPLEX RECEPT.
18"		ISOLATED GROUND RECEPT (DUPLEX SHOWN)
18"		RECEPT ON EMERGENCY CKT (DUPLEX SHOWN)
18"		FOURPLEX RECEPT.
18"		FOURPLEX RECEPTACLE ON EMERGENCY CIRCUIT
18"		240 VOLT RECEPT.
		FLOOR RECEPT. (DUPLEX SHOWN)

HT AFF	SYMBOL	DESCRIPTION
72"**		CIRCUIT BREAKER PANEL
72"**		POWER OR DISTRIBUTION PANEL
72"**		SPECIAL CABINET (TYPE DENOTED)
	T	TRANSFORMER (TYPE DENOTED)
	SF-1	MOTOR (SEE SCHEDULE)
72"**		COMB. MOTOR STARTER (NON-FUSED)
72"**		COMB. MOTOR STARTER (FUSED)
72"**		SAFETY DISC. SW. (NON-FUSED)
72"**		SAFETY DISC. SW. (FUSED)
18"		INFORMATION OUTLET (TYPE DENOTED)
80"	F	FIRE ALARM HORN
80"	F	FIRE ALARM STROBE (CANDELAS)
80"	F S	FIRE ALARM SPEAKER W/STROBE (CANDELAS)
48"***	F	F.A. PULLSTATION (TYPE DENOTED)
		SMOKE DETECTOR (TYPE DENOTED)
	ML	MAGNETIC LOCK
	DC	DOOR CONTACTS
48"***	CR	CARD READER
	MD	MOTION DETECTOR (TYPE DENOTED)
AS NOTED		CCTV CAMERA
		CONDUIT CONCEALED IN WALL OR OVERHEAD
		BRANCH CIRCUIT HOME RUN

ALL DISTANCES ARE TO CENTER OF DEVICE OR EQUIPMENT UNLESS OTHERWISE NOTED. DEVICES INDICATED AT 48" MAY NOT BE INSTALLED WITH ANY OPERABLE PART HIGHER THAN 48". DEVICES MAY BE INSTALLED IN CONCRETE MASONRY UNITS WITH THE TOP OF THE DEVICE AT 48".

* DISTANCE ABOVE TOP OF DOOR FRAME
** DISTANCE TO TOP OF EQUIPMENT OR DEVICE
*** DISTANCE TO HIGHEST OPERABLE PART OF EQUIPMENT
**** DISTANCE BELOW CEILING
***** DISTANCE TO BOTTOM OF DEVICE

ELECTRICAL SYMBOL NOTES

A2 / 12b

THE LIGHTING FIXTURE TYPE IS INDICATED BY AN UPPER CASE LETTER.
THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER.
THE SWITCH DESIGNATION IS INDICATED BY A LOWER CASE LETTER.

EXAMPLE 1: LIGHTING FIXTURE TYPE "A" IS CONNECTED TO CIRCUIT 12 AND CONTROLLED BY SWITCH "b".

* P2D/I * / 2aba

EXAMPLE 2: THE FIXTURE TYPE SHOWN AS A NUMERATOR INDICATES ALL LIGHTING FIXTURES IN THE ROOM OR SPACE ARE THE SAME TYPE. THE CIRCUIT NUMBER AND SWITCH DESIGNATION SHOWN AS A DENOMINATOR INDICATES ALL LIGHTING FIXTURES IN THE ROOM OR SPACE ARE CONNECTED TO THE SAME CIRCUIT, CONTROLLED BY THE SAME SWITCHES, CENTER/OUTBOARD MULTILEVEL SWITCHING.

E / 14

EXIT LIGHTS. STEM INDICATES WALL MOUNTING. NO STEM INDICATES CEILING MOUNTING. SHADED AREA INDICATES ILLUMINATED FACE(S). ARROW INDICATES DIRECTIONAL ARROW ON ILLUMINATED FACE(S). THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER. EXAMPLE: THE WALL MOUNTED EXIT LIGHT TYPE "E" WITH SINGLE FACE AND DIRECTIONAL ARROW IS CONNECTED TO CIRCUIT 14.

16c

DEVICES. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER. THE SWITCH DESIGNATION IS INDICATED BY A LOWER CASE LETTER. EXAMPLE: SPLIT DUPLEX RECEPTACLE IS CONNECTED TO CIRCUIT 16 AND ONE RECEPTACLE OUTLET IS CONTROLLED BY SWITCH "c".

d

THE CONTROL DEVICE DESIGNATION IS INDICATED BY A LOWER CASE LETTER. EXAMPLE: SINGLE POLE SWITCH "d" TO CONTROL LIGHTING FIXTURES INDICATED BY "d".

D600 / e

WALL BOX DIMMER WITH SIZE AS INDICATED AT DEVICE. EXAMPLE: 600 WATT WALL BOX DIMMER TO CONTROL LIGHTING FIXTURES INDICATED BY "e". SEE SPECIFICATIONS FOR WATTAGE IF NOT INDICATED.

1 / 1,3,5

SPECIAL CONNECTIONS. THE EQUIPMENT IS INDICATED BY A NUMBER IN A CIRCLE. SEE THE MOTOR AND EQUIPMENT SCHEDULE FOR THE LOAD DESCRIPTION AND TYPE OF CONNECTION. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE: EQUIPMENT NO. 1; 3 PHASE CONNECTION TO CIRCUITS 1, 3, 5.

SF-1 / 2,4,6

MOTOR CONNECTIONS. THE MOTOR IS INDICATED BY A NUMBER WITHIN OR CHARACTERS ADJACENT TO THE MOTOR SYMBOL. SEE THE MOTOR AND EQUIPMENT SCHEDULE FOR THE MOTOR DESCRIPTION AND ELECTRICAL REQUIREMENTS. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE: MOTOR SF-1; 3 PHASE CONNECTION TO CIRCUITS 2, 4, 6.

7,9 / H1

ELECTRIC HEATER CONNECTIONS. THE HEATER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER "H". SEE THE HEATER SCHEDULE FOR ELECTRICAL REQUIREMENTS. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE HEATER. EXAMPLE: ELECTRIC BASEBOARD HEATER TYPE "H1" CONNECTED TO CIRCUITS 7, 9.

T1

TRANSFORMERS. THE TRANSFORMER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER "T". SEE THE TRANSFORMER SCHEDULE OR THE SINGLE LINE DIAGRAM FOR THE TRANSFORMER DESCRIPTION AND REQUIREMENTS. EXAMPLE: TRANSFORMER TYPE "T1".

LPN-102

PANELBOARDS. PANELBOARD DOORS MAY BE SHOWN TO INDICATE OPENING SIDE OF RECESSED PANELBOARDS. SEE PANELBOARD IDENTIFICATION FOR DESIGNATION CODES.

1

SPECIAL NOTE. SEE THE SPECIAL NOTES ON THAT SHEET FOR THE NOTE NUMBER INDICATED IN THE HEXAGON.

CONDUIT SHOWN WITHOUT SLASH MARKS SHALL CONTAIN 2 # 12 CONDUCTORS IN 3/4" CONDUIT UNLESS SPECIFIC EQUIPMENT REQUIRES A DIFFERENT SIZE.

#10

CONDUIT SHOWN WITH SLASH MARKS SHALL CONTAIN 1 # 12 CONDUCTOR PER SLASH MARK IN 3/4" CONDUIT UNLESS A CONDUCTOR AND CONDUIT SIZE IS SHOWN ADJACENT TO THE SLASH MARKS. SLASH MARK INDICATORS ARE: SHORT STRAIGHT=PHASE CONDUCTOR, LONG STRAIGHT=NEUTRAL CONDUCTOR, SHORT BENT ENDED=SWITCH LEGS, LONG STRAIGHT WITH A DOT=GROUND CONDUCTOR, CHEVRON=CATEGORY 6, HALF CHEVRON=CATEGORY 3, TWIST=SHIELDED TWISTED PAIR, CONCENTRIC CIRCLE AND DOT=COAX CABLE.

LPN-102 / 1,3,5

HOME RUN TO BRANCH CIRCUIT PANELBOARD. THE PANELBOARD DESIGNATION IS SHOWN ADJACENT TO THE HOME RUN ARROW AS A NUMERATOR AND THE CIRCUIT DESIGNATION IS SHOWN AS THE DENOMINATOR. CIRCUIT BREAKER SIZES (AMPS/NUMBER OF POLES) ARE SHOWN IN THE PANELBOARD SCHEDULE WITH THE CORRESPONDING PANELBOARD AND CIRCUIT DESIGNATION. EXAMPLE: HOME RUN TO PANELBOARD LPN-102; CIRCUITS 1, 3, 5.

SYMBOL NOTATIONS: UPPER CASE LETTERS ADJACENT TO SYMBOLS INDICATE A UNIT TYPE. SEE APPROPRIATE SCHEDULE OR SPECIFICATIONS.

SPECIFIC CODE NOTES

A. PENETRATIONS IN WALLS REQUIRING PROTECTED OPENINGS MUST BE FIRESTOPPED WITH AN APPROVED MATERIAL.
   1. CONDUITS MAY PENETRATE WALLS OR PARTITIONS, PROVIDED THEY ARE FIRE-STOPPED.
   2. OPENINGS FOR STEEL ELECTRICAL BOXES NOT EXCEEDING 16 SQUARE INCHES ARE PERMITTED PROVIDED OPENINGS DO NOT AGGREGATE MORE THAN 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF WALL OR PARTITION.
   3. OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITIONS MUST BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES.

B. LIGHT FIXTURES AND OTHER APPARATUS SUPPORTED BY THE ACOUSTICAL CEILING GRID MUST MEET THE REQUIREMENTS OF NEC SECTION 410.16, MEANS OF SUPPORT.

C. RECESSED LIGHTING FIXTURES INSTALLED IN FIRE RATED CEILING ASSEMBLIES SHALL BE FIRE RATED FIXTURES BEARING THE UL FIRE RATED LABEL. FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE UL FIRE RESISTANCE DIRECTORY, AND SHALL INCLUDE A FIRE RATED ENCLOSURE INSTALLED OVER THE FIXTURE THAT MEETS THE REQUIREMENTS OF THE UL FIRE RESISTANCE DIRECTORY.

Sheet Index - Electrical

GENERAL ELECTRICAL NOTES

A. ALL CONDUCTORS OPERATING AT 50 VOLTS OR GREATER SHALL BE IN RACEWAY. ALL RACEWAY WITHIN THE STRUCTURE ABOVE THE FLOOR SLAB SHALL BE METAL. RACEWAY BELOW THE FLOOR SLAB AND UNDERGROUND RACEWAY OUTSIDE THE STRUCTURE SHALL BE PVC.

B. ALL LOW VOLTAGE CABLES OR CONDUCTORS OPERATING AT LESS THAN 50 VOLTS SHALL BE IN METAL RACEWAY WHERE INSTALLED WITHIN WALLS OR INACCESSIBLE SPACES. LOW VOLTAGE CABLES MAY BE RUN IN CABLE TRAY WHERE NOTED. LOW VOLTAGE CABLES MAY BE RUN IN CABLE SUPPORT HOOKS ABOVE ACCESSIBLE CEILINGS WHERE NOTED.

C. COORDINATE LOCATIONS OF DEVICES WITH ARCHITECTURAL ELEVATIONS AND DETAILS. ARCHITECTURAL ELEVATIONS AND DETAILS TAKE PRECEDENCE OVER LOCATIONS SHOWN ON ELECTRICAL DRAWINGS.

D. VERIFY LOCATIONS AND ROUGH-IN REQUIREMENTS OF ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.

F. CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING ALL ELECTRICAL ITEMS SHOWN ON DRAWINGS EXCEPT FOR ITEMS LISTED IN NOTE G.

G. TV OUTLETS, VOLUME CONTROLS, TELEPHONE OUTLETS, DATA OUTLETS, SECURITY AND ACCESS CONTROL, CAMERAS AND FIRE ALARM DEVICES SHALL CONSIST OF A BACK BOX WITH CONDUIT STUBBED ABOVE THE ACCESSIBLE CEILING, SEE STUB UP DETAIL. VERIFY SIZE OF BACK BOX REQUIRED WITH DEVICE TO BE INSTALLED. LOCATE BACK BOXES 6" FROM ADJACENT POWER RECEPTACLE INTENDED FOR COMPUTER USE.

ELECTRICAL ABBREVIATIONS LIST

1P	1 POLE (2P, 3P, 4P, ETC.)
A	AMPERE
AC	ABOVE COUNTER OR AIR CONDITIONER
ACLG	ABOVE CEILING
ADO	AUTOMATIC DOOR OPENER
AF	AMP FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT CIRCUIT INTERRUPTER
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ALT	ALTERNATE
AMP	AMPERE
AMPL	AMPLIFIER
ANNUN	ANNUNCIATOR
APPROX	APPROXIMATELY
AQ-STAT	AQUASTAT
ARCH	ARCHITECT, ARCHITECTURAL
AS	AMP SWITCH
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAUGE
BATT	BATTERY
BD	BOARD
BLDG	BUILDING
BMS	BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CAB	CABINET
CAT	CATALOG
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
COMB	COMBINATION
CMPR	COMPRESSOR
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUATION OR CONTINUOUS
CONTR	CONTRACTOR
CONV	CONVECTOR
CP	CIRCULATING PUMP
CRT	CATHODE-RAY TUBE
CT	CURRENT TRANSFORMER
CTR	CENTER
CU	COPPER
DCP	DOMESTIC WATER CIRCULATING PUMP
DEPT	DEPARTMENT
DET	DETAIL
DIA	DIAMETER
DISC	DISCONNECT
DIST	DISTRIBUTION
DN	DOWN
DPR	DAMPER
DS	SAFETY DISCONNECT SWITCH
DT	DOUBLE THROW
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRIC, ELECTRICAL
ELEV	ELEVATOR
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
EP	ELECTRIC PNEUMATIC
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXH	EXHAUST
EXP	EXPLOSION PROOF
FA	FIRE ALARM
FABP	FIRE ALARM BOOSTER POWER SUPPLY PANEL
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FIXT	FIXTURE
FLR	FLOOR
FLUOR	FLUORESCENT
FU	FUSE
FUDS	FUSED SAFETY DISCONNECT SWITCH
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTOR
GND	GROUND
GRS	GALVANIZED RIGID STEEL (CONDUIT)
GYP BD	GYPSUM BOARD
HOA	HANDS-OFF-AUTOMATIC SWITCH
HORIZ	HORIZONTAL
HP	HORSEPOWER
HPF	HIGH POWER FACTOR
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HV	HIGH VOLTAGE
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HWP	HYDRONIC WATER PUMP
IC	INTERRUPTING CAPACITY
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INCAND	INCANDESCENT
IR	INFRARED
I/W	INTERLOCK WITH
J-BOX	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KVAR	KILOVOLT-AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
LOC	LOCATE OR LOCATION
LT	LIGHT
LTG	LIGHTING
LTNG	LIGHTNING
LV	LOW VOLTAGE
MAX	MAXIMUM
MAG.S	MAGNETIC STARTER
M/C	MOMENTARY CONTACT
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDC	MAIN DISTRIBUTION CENTER
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MFS	MAIN FUSED DISCONNECT SWITCH
MH	MANHOLE
MIC	MICROPHONE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MMS	MANUAL MOTOR STARTER
MOA	MULTIOUTLET ASSEMBLY
MSP	MOTOR STARTER PANELBOARD
MSBD	MAIN SWITCHBOARD
MT	MOUNT
MT.C	EMPTY CONDUIT
MTS	MANUAL TRANSFER SWITCH
MTR	MOTOR, MOTORIZED
N.C.	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NFDS	NON-FUSED SAFETY DISCONNECT SWITCH
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
N.O.	NORMALLY OPEN
NPF	NORMAL POWER FACTOR
NTS	NOT TO SCALE
OH	OVERHEAD
OL	OVERLOADS
PA	PUBLIC ADDRESS
PB	PULL BOX OR PUSHBUTTON
PE	PNEUMATIC ELECTRIC
PED	PEDESTAL
PF	POWER FACTOR
PH	PHASE
PIV	POST INDICATING VALVE
PNL	PANEL
PP	POWER POLE
PR	PAIR
PRI	PRIMARY
PROJ	PROJECTION
PRV	POWER ROOF VENTILATOR
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE (CONDUIT)
PWR	POWER
QUAN	QUANTITY
RCPT	RECEPTACLE
REQD	REQUIRED
RM	ROOM
RSC	RIGID STEEL CONDUIT
RTU	ROOF TOP UNIT
SC	SURFACE CONDUIT
SEC	SECONDARY
SHT	SHEET
SIM	SIMILAR
S/N	SOLID NEUTRAL
SPEC	SPECIFICATION
SPKR	SPEAKER
SP	SPARE
SR	SURFACE RACEWAY
SS	STAINLESS STEEL
SSW	SELECTOR SWITCH
S/S	STOP/START PUSHBUTTONS
STA	STATION
STD	STANDARD
SURF	SURFACE MOUNTED
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
SYS	SYSTEM
TEL	TELEPHONE
TEL/DATA	TELEPHONE/DATA
TERM	TERMINAL
TL	TWIST LOCK
TR	TAMPER RESISTANT
T-STAT	THERMOSTAT
TTC	TELEPHONE TERMINAL CABINET
TV	TELEVISION
TVTC	TELEVISION TERMINAL CABINET
TYP	TYPICAL
UC	UNDER COUNTER
UE	UNDERGROUND ELECTRICAL
UG	UNDERGROUND
UH	UNIT HEATER
UT	UNDERGROUND TELEPHONE
UTIL	UTILITY
UV	UNIT VENTILATOR OR ULTRAVIOLET
V	VOLT
VA	VOLT-AMPERES
VDT	VIDEO DISPLAY TERMINAL
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
W	WATT
W/	WITH
WG	WIRE GUARD
WH	WATER HEATER
W/O	WITHOUT
WP	WEATHERPROOF
XFMR	TRANSFORMER
XFR	TRANSFER
∠	ANGLE
@	AT
Δ	DELTA
'	FEET
"	INCHES
#	NUMBER
Ø	PHASE
℄	CENTER LINE
P	PLATE

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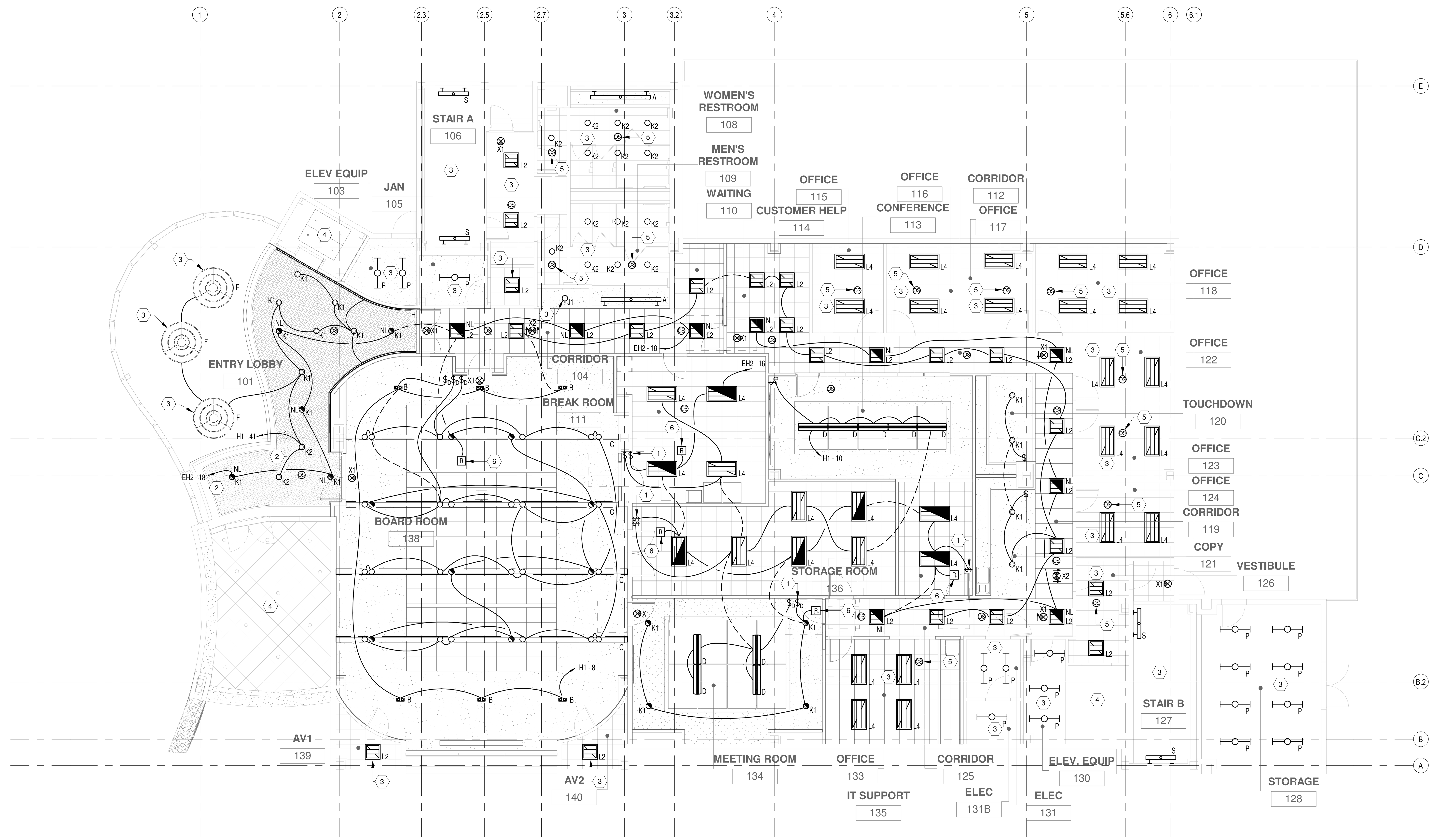
LEGENDS, NOTES, AND ABBREVIATIONS

E-001

ALTERNATE 3 :: PROVIDE ALTERNATE PRICING FOR REPLACEMENT OF THE LIGHTING FIXTURES IN UNRENOVATED SPACES AS SHOWN ON DRAWING. ROOMS AFFECTED:

103
105
106
108
109
115 THRU 118
122 THRU 124
126
127
130
131
1311B
139
140



1 LEVEL 1 - FLOOR LIGHTING PLAN
1/8" = 1'-0"

GENERAL LIGHTING NOTES

1. ALL LIGHT SWITCHES SHALL BE 277V RATED UNLESS OTHERWISE NOTED.
2. COORDINATE EXACT LOCATION OF EACH LIGHT FIXTURE WITH MECHANICAL PIPING, CONDUIT, HVAC GILLES, etc. FIELD ADJUST ANY LIGHT TO AVOID CONFLICT.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT TYPE AND HEIGHT OF CEILING IN EACH ROOM. COORDINATE WITH ARCHITECT/ENGINEER PRIOR TO ROUGH-IN OF ANY FIXTURES. COORDINATE ALL CONTROL JOINT LOCATIONS WITH LIGHT FIXTURES PRIOR TO ANY ROUGH-IN OF FIXTURES.
4. ALL ELECTRICAL CONTROL DEVICES SHALL BE MOUNTED AT A HEIGHT THAT IS ACCESSIBLE TO THE DISABLED IN ACCORDANCE WITH ADA 4.2.5. REFER TO ELECTRICAL SHEET E-501 FOR MOUNTING HEIGHTS OF ELECTRICAL CONTROL DEVICES.
5. PROVIDE CONDUIT AND WIRING AS REQUIRED TO MEET CIRCUITING SHOWN TO CONFORM TO NEC REQUIREMENTS. PROVIDE EQUIPMENT GROUND CONDUCTOR IN ALL RACEWAYS.
6. MULTIPLE LIGHT SWITCHES, AT THE SAME LOCATION, SHALL BE GANGED TOGETHER UNDER ONE COVER PLATE. DIMMER SWITCHES SHALL BE INSTALLED IMMEDIATELY BELOW SWITCH LOCATIONS.
7. COORDINATE LOCATION OF ALL LIGHT FIXTURES WITH ARCHITECTURAL INTERIOR AND EXTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
8. ALL MOUNTING HEIGHTS LISTED ARE TO THE CENTER OF THE FIXTURE UNLESS OTHERWISE NOTED.
9. EXIT SIGNS SHALL BE CONNECTED AHEAD OF ANY SWITCHING IN ROOM OR BUILDING. EXIT SIGNS SHALL BURN CONTINUOUS.

LIGHTING KEYNOTES

1	LIGHT SWITCH SERVING EMERGENCY LIGHT WITHIN ROOM SHALL BE COLOR RED. CONTRACTOR SHALL PROVIDE A PARTITION IN SWITCH BACKBOX TO SEPARATE THE EMERGENCY AND NORMAL LIGHT CIRCUITS.
2	CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF EXISTING NORMAL/EMERGENCY 277V LIGHTING CIRCUIT. ONCE DETERMINED, EXTEND EXISTING LIGHT CIRCUIT TO EXISTING LIGHT FIXTURES AS SHOWN. RUN CONDUIT AND WIRE AS FOLLOWS: 3/4"C,. 2-#12 AND 1-#12Cu GROUND.
3	NEW LED FIXTURE(S) TO BE INSTALLED IN SAME LOCATION AS REMOVED. CONTRACTOR SHALL RECONNECT EXISTING CIRCUIT TO NEW LED DRIVER. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL CONDUIT AND WIRE AS NECESSARY. SWITCHING TO REMAIN AS IS.
4	NO WORK IN THIS AREA.
5	PROVIDE CEILING MOUNTED OCCUPANCY SENSOR/POWER PACK AS REQUIRED FOR AUTOMATIC LIGHTING CONTROLS PER FLORIDA BUILDING CODE.
6	PROVIDE EMERGENCY OVERRIDE RELAY UL924 TO ENERGIZE EMERGENCY LIGHTING IN THE ROOM REGARDLESS OF SWITCH POSITION.

EMERGENCY EXIT AND EGRESS LIGHTS SHALL BE CONNECTED TO THE LOCAL LIGHTING CIRCUIT SERVING THE SPACE AND LOCATED AHEAD OF ANY LIGHTING CONTROL PANEL SWITCHING AND LOCAL WALL SWITCHES.

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LEVEL 1 - FLOOR LIGHTING PLAN

E-101

ALTERNATE 3 :: PROVIDE ALTERNATE PRICING FOR REPLACEMENT OF THE LIGHTING FIXTURES IN UNRENOVATED SPACES AS SHOWN ON DRAWING. ROOMS AFFECTED:

- 203
- 204
- 205B
- 206
- 207
- 209 THRU 213
- 218 THRU 220
- 223 THRU 226
- 231 THRU 242

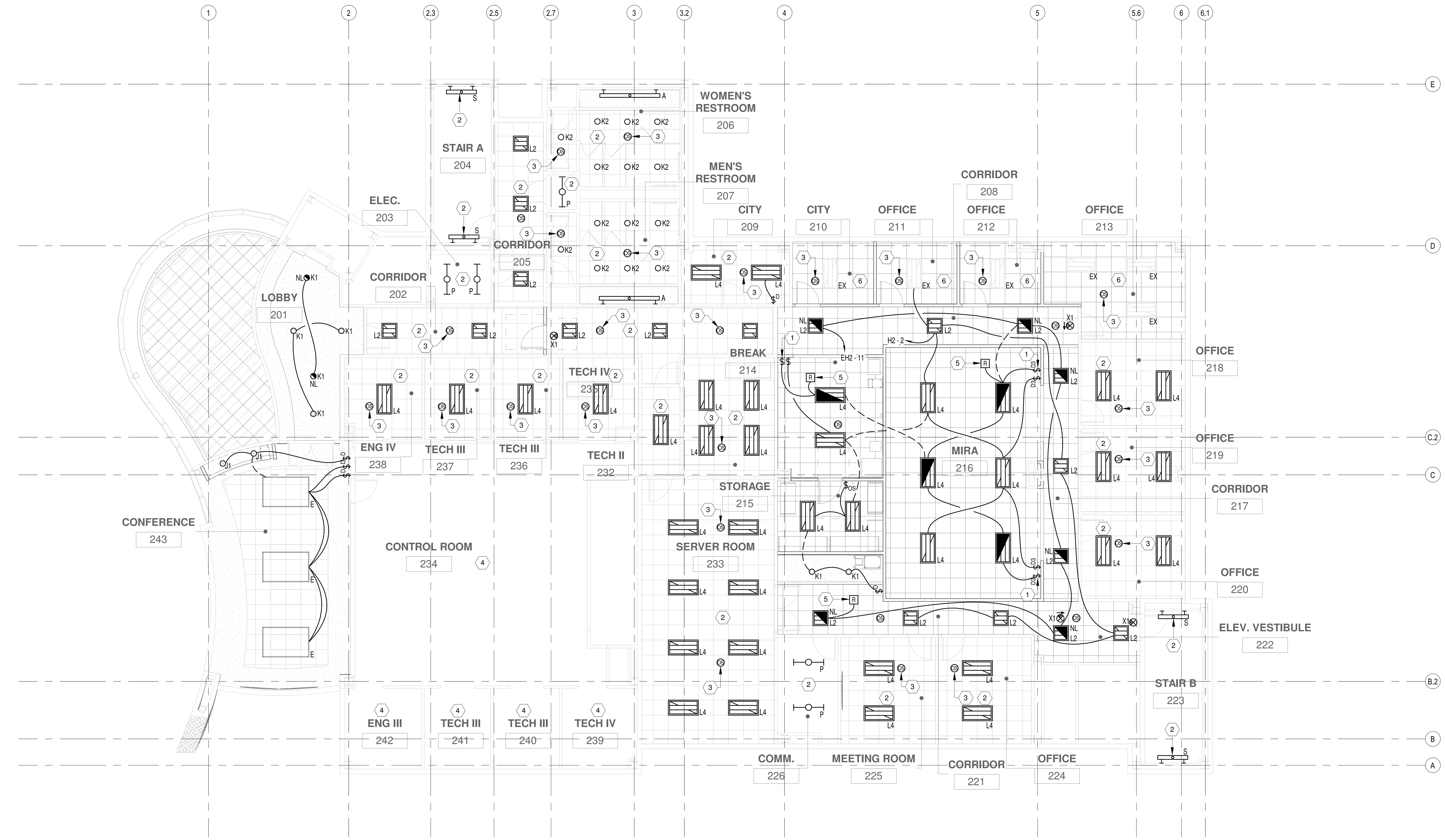
GENERAL LIGHTING NOTES

1. ALL LIGHT SWITCHES SHALL BE 277V RATED UNLESS OTHERWISE NOTED.
2. COORDINATE EXACT LOCATION OF EACH LIGHT FIXTURE WITH MECHANICAL PIPING, CONDUIT, HVAC GILLES, etc. FIELD ADJUST ANY LIGHT TO AVOID CONFLICT.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT TYPE AND HEIGHT OF CEILING IN EACH ROOM. COORDINATE WITH ARCHITECT/ENGINEER PRIOR TO ROUGH-IN OF ANY FIXTURES. COORDINATE ALL CONTROL JOINT LOCATIONS WITH LIGHT FIXTURES PRIOR TO ANY ROUGH-IN OF FIXTURES.
4. ALL ELECTRICAL CONTROL DEVICES SHALL BE MOUNTED AT A HEIGHT THAT IS ACCESSIBLE TO THE DISABLED IN ACCORDANCE WITH ADA 4.2.5. REFER TO ELECTRICAL SHEET E-501 FOR MOUNTING HEIGHTS OF ELECTRICAL CONTROL DEVICES.
5. PROVIDE CONDUIT AND WIRING AS REQUIRED TO MEET CIRCUITING SHOWN TO CONFORM TO NEC REQUIREMENTS. PROVIDE EQUIPMENT GROUND CONDUCTOR IN ALL RACEWAYS.
6. MULTIPLE LIGHT SWITCHES, AT THE SAME LOCATION, SHALL BE GANGED TOGETHER UNDER ONE COVER PLATE. DIMMER SWITCHES SHALL BE INSTALLED IMMEDIATELY BELOW SWITCH LOCATIONS.
7. COORDINATE LOCATION OF ALL LIGHT FIXTURES WITH ARCHITECTURAL INTERIOR AND EXTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
8. ALL MOUNTING HEIGHTS LISTED ARE TO THE CENTER OF THE FIXTURE UNLESS OTHERWISE NOTED.
9. EXIT SIGNS SHALL BE CONNECTED AHEAD OF ANY SWITCHING IN ROOM OR BUILDING. EXIT SIGNS SHALL BURN CONTINUOUS.

LIGHTING KEYNOTES

1	LIGHT SWITCH SERVING EMERGENCY LIGHT WITHIN ROOM SHALL BE COLOR RED. CONTRACTOR SHALL PROVIDE A PARTITION IN SWITCH BACKBOX TO SEPARATE THE EMERGENCY AND NORMAL LIGHT CIRCUITS.
2	NEW LED FIXTURE(S) TO BE INSTALLED IN SAME LOCATION AS REMOVED. CONTRACTOR SHALL RECONNECT EXISTING CIRCUIT TO NEW LED DRIVER. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL CONDUIT AND WIRE AS NECESSARY. SWITCHING TO REMAIN AS IS.
3	PROVIDE CEILING MOUNTED OCCUPANCY SENSOR/POWER PACK AS REQUIRED FOR AUTOMATIC LIGHTING CONTROLS PER FLORIDA BUILDING CODE.
4	NO WORK IN THIS AREA.
5	PROVIDE EMERGENCY OVERRIDE RELAY UL924 TO ENERGIZE EMERGENCY LIGHTING IN THE ROOM REGARDLESS OF SWITCH POSITION.
6	CONTRACTOR SHALL REMOVE, STORE AND REINSTALL LIGHT FIXTURES IN THIS AREA/ROOM WHERE CEILING IS BEING DEMOLISHED. SAFE OFF ALL LIGHT CIRCUITS IN THIS AREA TO BE REUSED FOR REINSTALLATION OF EXISTING LIGHTS. CONTRACTOR SHALL CLEAN AND RELAMP LIGHT FIXTURE PRIOR TO REUSE.

EMERGENCY EXIT AND EGRESS LIGHTS SHALL BE CONNECTED TO THE LOCAL LIGHTING CIRCUIT SERVING THE SPACE AND LOCATED AHEAD OF ANY LIGHTING CONTROL PANEL SWITCHING AND LOCAL WALL SWITCHES.



1 LEVEL 2 - FLOOR LIGHTING PLAN
1/8" = 1'-0"

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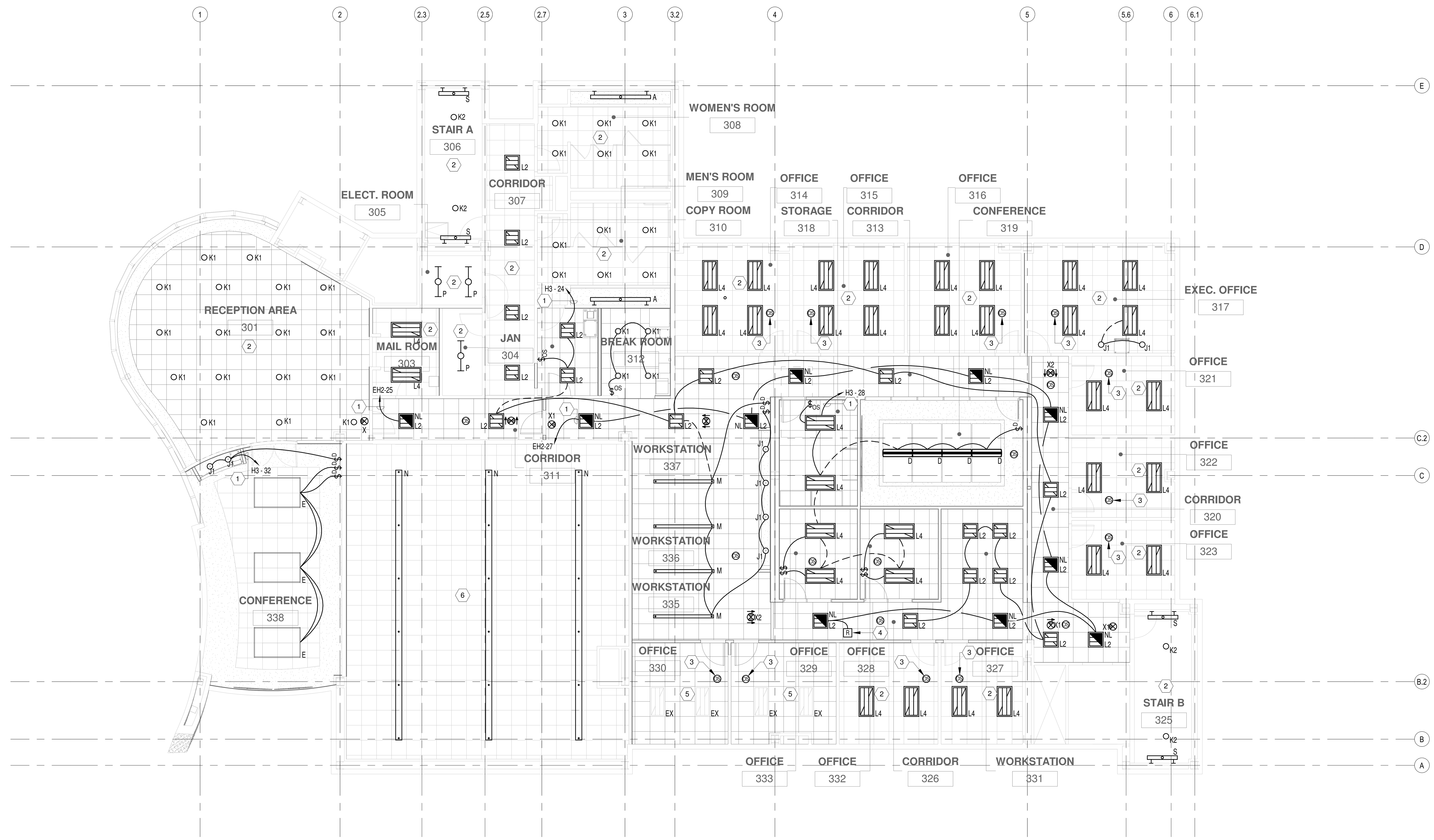
LEVEL 2 - FLOOR LIGHTING PLAN

E-102



1 LEVEL 3 - FLOOR LIGHTING PLAN
1/8" = 1'-0"

ALTERNATE 3 :: PROVIDE ALTERNATE PRICING FOR REPLACEMENT OF THE LIGHTING FIXTURES IN UNRENOVATED SPACES AS SHOWN ON DRAWING. ROOMS AFFECTED:

304 THRU 306
308
309
314 THRU 317
321 THRU 323
325
327 THRU 330

GENERAL LIGHTING NOTES

1. ALL LIGHT SWITCHES SHALL BE 277V RATED UNLESS OTHERWISE NOTED.
2. COORDINATE EXACT LOCATION OF EACH LIGHT FIXTURE WITH MECHANICAL PIPING, CONDUIT, HVAC GILLES, etc. FIELD ADJUST ANY LIGHT TO AVOID CONFLICT.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT TYPE AND HEIGHT OF CEILING IN EACH ROOM. COORDINATE WITH ARCHITECT/ENGINEER PRIOR TO ROUGH-IN OF ANY FIXTURES. COORDINATE ALL CONTROL JOINT LOCATIONS WITH LIGHT FIXTURES PRIOR TO ANY ROUGH-IN OF FIXTURES.
4. ALL ELECTRICAL CONTROL DEVICES SHALL BE MOUNTED AT A HEIGHT THAT IS ACCESSIBLE TO THE DISABLED IN ACCORDANCE WITH ADA 4.2.5. REFER TO ELECTRICAL SHEET E-501 FOR MOUNTING HEIGHTS OF ELECTRICAL CONTROL DEVICES.
5. PROVIDE CONDUIT AND WIRING AS REQUIRED TO MEET CIRCUITING SHOWN TO CONFORM TO NEC REQUIREMENTS. PROVIDE EQUIPMENT GROUND CONDUCTOR IN ALL RACEWAYS.
6. MULTIPLE LIGHT SWITCHES, AT THE SAME LOCATION, SHALL BE GANGED TOGETHER UNDER ONE COVER PLATE. DIMMER SWITCHES SHALL BE INSTALLED IMMEDIATELY BELOW SWITCH LOCATIONS.
7. COORDINATE LOCATION OF ALL LIGHT FIXTURES WITH ARCHITECTURAL INTERIOR AND EXTERIOR ELEVATIONS PRIOR TO ROUGH-IN.
8. ALL MOUNTING HEIGHTS LISTED ARE TO THE CENTER OF THE FIXTURE UNLESS OTHERWISE NOTED.
9. EXIT SIGNS SHALL BE CONNECTED AHEAD OF ANY SWITCHING IN ROOM OR BUILDING. EXIT SIGNS SHALL BURN CONTINUOUS.

LIGHTING KEYNOTES

1	CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF EXISTING NORMAL/EMERGENCY 277V LIGHTING CIRCUIT. ONCE DETERMINED, EXTEND EXISTING LIGHT CIRCUIT TO EXISTING LIGHT FIXTURES AS SHOWN. RUN CONDUIT AND WIRE AS FOLLOWS: 3/4"C,. 2-#12 AND 1-#12Cu GROUND.
2	NEW LED FIXTURE(S) TO BE INSTALLED IN SAME LOCATION AS REMOVED. CONTRACTOR SHALL RECONNECT EXISTING CIRCUIT TO NEW LED DRIVER. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL CONDUIT AND WIRE AS NECESSARY. SWITCHING TO REMAIN AS IS.
3	PROVIDE CEILING MOUNTED OCCUPANCY SENSOR/POWER PACK AS REQUIRED FOR AUTOMATIC LIGHTING CONTROLS PER FLORIDA BUILDING CODE.
4	PROVIDE EMERGENCY OVERRIDE RELAY UL924 TO ENERGIZE EMERGENCY LIGHTING IN THE ROOM REGARDLESS OF SWITCH POSITION.
5	CONTRACTOR SHALL REMOVE, STORE AND REINSTALL LIGHT FIXTURES IN THIS AREA/ROOM WHERE CEILING IS BEING DEMOLISHED. SAFE OFF ALL LIGHT CIRCUITS IN THIS AREA TO BE REUSED FOR REINSTALLATION OF EXISTING LIGHTS. CONTRACTOR SHALL CLEAN AND RELAMP LIGHT FIXTURE PRIOR TO REUSE.
6	PROVIDE NEW DIMMER SWITCH TO LIGHTING. MODIFY WIRING AS REQUIRED PER NEW DIMMING PROTOCOL.

EMERGENCY EXIT AND EGRESS LIGHTS SHALL BE CONNECTED TO THE LOCAL LIGHTING CIRCUIT SERVING THE SPACE AND LOCATED AHEAD OF ANY LIGHTING CONTROL PANEL SWITCHING AND LOCAL WALL SWITCHES.

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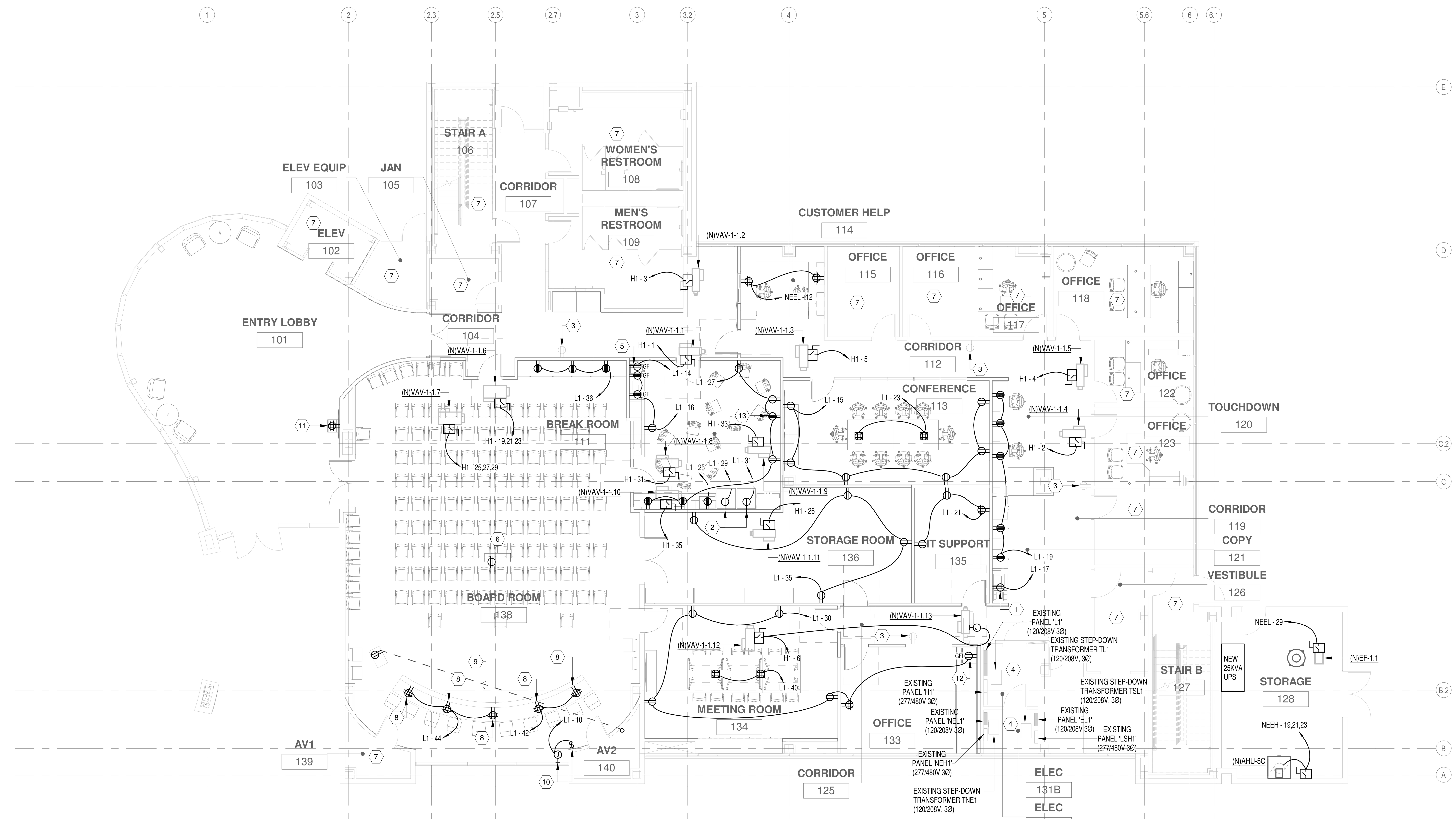
LEVEL 3 - FLOOR LIGHTING PLAN

E-103

ALTERNATE 2 :: PROVIDE ALTERNATE PRICING FOR REPLACEMENT OF THE FOLLOWING VAV'S :

VAV-1.1.2
VAV-1.1.4 THRU VAV-1.1.7
VAV-1.1.13 THRU VAV-1.1.15

AS SHOWN ON DRAWING. BASE BID SHALL INCLUDE THESE VAV'S.



1 LEVEL 1 - FLOOR POWER PLAN
1/8" = 1'-0"

GENERAL POWER NOTES

1. COORDINATE EXACT INSTALLATION REQUIREMENTS OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS AND ACCEPTED MILLWORK SHOP DRAWINGS.
2. VERIFY EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
3. ALL CONDUIT TERMINATION AT TERMINAL BOARDS ARE TO HAVE BUSHED CONDUIT ENDS.
4. MOUNT ALL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT WITHIN 6FT. OF EQUIPMENT CONNECTION POINT. VERIFY LOCATION OF POINT OF CONNECTION WITH EQUIPMENT INSTALLER PRIOR TO ELECTRICAL ROUGH-IN. (DRAWINGS ONLY SHOW DIAGRAMMATIC LOCATION OF CONNECTION).
5. RACEWAY, POWER AND GROUNDING REQUIREMENTS SHALL COMPLY WITH SECTIONS OF DIVISION 26. WHERE A CONFLICT ARISES THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
6. ALL RACEWAY TERMINATIONS SHALL HAVE BUSHINGS AND SHALL BE GROUNDED WHERE RACEWAY IS METALLIC.
7. PROVIDE FIRESTOPPING ON ALL CONDUITS PENETRATING A RATED WALL OR FLOOR.
8. ALL RACEWAYS AND CABLE SHALL BE CONCEALED UNLESS OTHERWISE NOTED OR APPROVED IN WRITING BY OWNER AND/OR ENGINEER.
9. MINIMUM SIZE CONDUIT SHALL BE 3/4" UNLESS NOTED OTHERWISE.
10. ALL VAV BOXES (I.E. VAV-#.#) LOCATED ON THIS SHEET ARE PROVIDED WITH AN INTEGRAL DISCONNECT SWITCH WHICH ARE PROVIDED BY THE MECHANICAL CONTRACTOR. THIS CONTRACTOR SHALL PROVIDE FINAL CONNECTIONS TO VAV BOX INTEGRAL DISCONNECT SWITCH.

POWER KEYNOTES

1	PROVIDE DUPLEX 125V, 20A, 1P RECEPTACLE FOR OFFICE COPIER/PRINTER. COORIDNATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.
2	PROVIDE SIMPLEX 125V., 20A., 1P. RECEPTACLE (MTD. 36" A.F.F.) FOR REFRIGERATOR. COORDINATE NEMA CONFIGURATION OF REFRIGERATOR PLUG PRIOR TO ORDERING OUTLET.
3	EXISTING RECEPTACLE TO REMAIN AS IS.
4	EXISTING PANELBOARDS TO BE REUSED ON THIS PROJECT.
5	PROVIDE SIMPLEX 125V., 20A., 1P. RECEPTACLE FOR DISHWASHER. COORDINATE EXACT MOUNTING LOCATION AND REQUIREMENTS WITH THE PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
6	VIDEO PROJECTOR RECEPTACLE AND COMMUNICATION OUTLET MOUNTED IN CEILING TILE AT VIDEO PROJECTOR LOCATION. COORDINATE WITH A/V VENDOR PRIOR TO ROUGH-IN.
7	NO WORK IN THIS AREA.
8	MOUNT RECEPTACLE AND COMMUNICATION OUTLET ON THE BACK OF DESK IN KNEE SPACE. COORDAINTE EXACT LOCATION AND MOUNTING WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
9	(2) 1"C WITH PULL STRING IN SLAB FROM PODIUM LOCATION TO AV CLOSET 140 AND UP THROUGH FLOOR.
10	SWITCH TO SERVE MOTORIZED BLACK-OUT WINDOW SHADE. COORDCINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN OF POWER. MOUNT 2 POSITION (UP/DOWN) TOGGLE SWITCH 46" A.F.F. IN A 4"X4" BOX WITH SINGLE GNG COVERPLATE. RUN 3/4" C. FROM SWITCH TO SHADE MOTOR FOR CONTROL WIRING.
11	EXISTING RECEPTACLE LOCATION TO REMAIN. CONTRACTOR SHALL REMOVE EXISTING WIRING DEVICE AND REPLACE WITH NEW IN SAME LOCATION.
12	PROVIDE DUPLEX 125V., 20A., 1P. RECEPTACLE FOR UNDERCOUNTER REFRIGERATOR. COORDINATE FINAL INSTALLATION LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
13	PROVIDE DUPLEX 125V., 20A., 1P. RECEPTACLE FOR WALL MOUNTED TV. COORDINATE FINAL INSTALLATION LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.

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LEVEL 1 - FLOOR POWER PLAN

E-201

ALTERNATE 2 :: PROVIDE ALTERNATE PRICING FOR REPLACEMENT OF THE FOLLOWING VAV'S :

VAV-2.2.2
VAV-2.2.6 THRU VAV-2.2.8

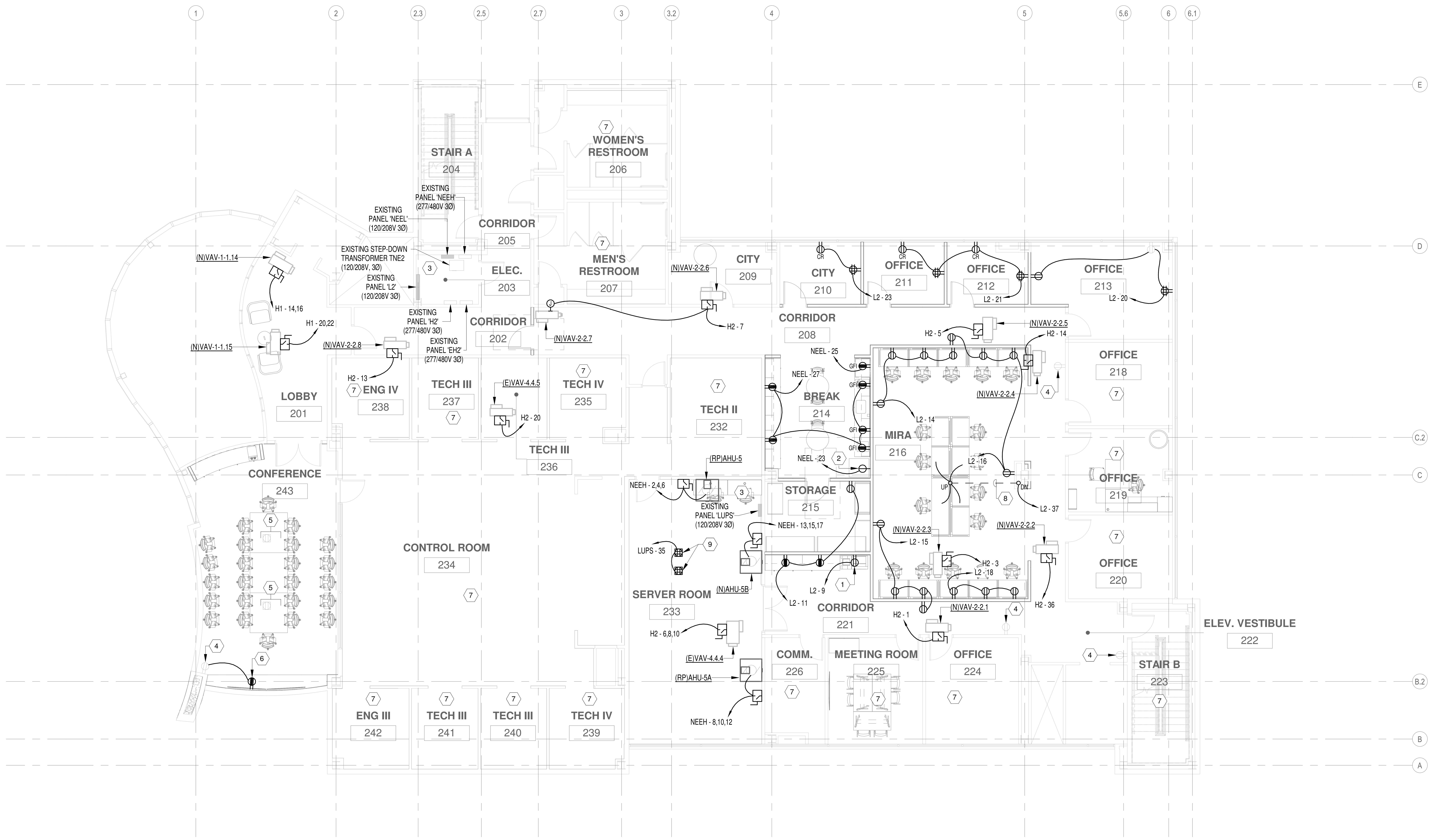
AS SHOWN ON DRAWING. BASE BID SHALL INCLUDE THESE VAV'S.

GENERAL POWER NOTES

1. COORDINATE EXACT INSTALLATION REQUIREMENTS OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS AND ACCEPTED MILLWORK SHOP DRAWINGS.
2. VERIFY EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
3. ALL CONDUIT TERMINATION AT TERMINAL BOARDS ARE TO HAVE BUSHED CONDUIT ENDS.
4. MOUNT ALL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT WITHIN 6FT. OF EQUIPMENT CONNECTION POINT. VERIFY LOCATION OF POINT OF CONNECTION WITH EQUIPMENT INSTALLER PRIOR TO ELECTRICAL ROUGH-IN. (DRAWINGS ONLY SHOW DIAGRAMMATIC LOCATION OF CONNECTION).
5. RACEWAY, POWER AND GROUNDING REQUIREMENTS SHALL COMPLY WITH SECTIONS OF DIVISION 26. WHERE A CONFLICT ARISES THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
6. ALL RACEWAY TERMINATIONS SHALL HAVE BUSHINGS AND SHALL BE GROUNDED WHERE RACEWAY IS METALLIC.
7. PROVIDE FIRESTOPPING ON ALL CONDUITS PENETRATING A RATED WALL OR FLOOR.
8. ALL RACEWAYS AND CABLE SHALL BE CONCEALED UNLESS OTHERWISE NOTED OR APPROVED IN WRITING BY OWNER AND/OR ENGINEER.
9. MINIMUM SIZE CONDUIT SHALL BE 3/4" UNLESS NOTED OTHERWISE.
10. ALL VAV BOXES (I.E. VAV-#.#) LOCATED ON THIS SHEET ARE PROVIDED WITH AN INTEGRAL DISCONNECT SWITCH WHICH ARE PROVIDED BY THE MECHANICAL CONTRACTOR. THIS CONTRACTOR SHALL PROVIDE FINAL CONNECTIONS TO VAV BOX INTEGRAL DISCONNECT SWITCH.

POWER KEYNOTES

1	PROVIDE DUPLEX 125V, 20A, 1P RECEPTACLE FOR OFFICE COPIER/PRINTER. COORIDNATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.
2	PROVIDE SIMPLEX 125V., 20A., 1P. RECEPTACLE (MTD. 36" A.F.F.) FOR REFRIGERATOR. COORDINATE NEMA CONFIGURATION OF REFRIGERATOR PLUG PRIOR TO ORDERING OUTLET.
3	EXISTING PANELBOARDS TO BE REUSED ON THIS PROJECT.
4	EXISTING RECEPTACLE TO REMAIN AS IS.
5	EXISTING FLOOR BOX IS TO REMAIN AS IS.
6	PROVIDE DUPLEX 125V., 20A., 1P. RECEPTACLE FOR FLAT SCREEN TV. EXACT LOCATION AND MOUNTING HEIGHT SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
7	NO WORK IN THIS AREA.
8	PROVIDE 3/4" CONDUIT FOR POWER UNDER FLOOR FROM WALL TO RECESSED POKE-THRU DEVICE FOR MODULAR FURNITURE. COORDINATE FINAL POKE-THRU LOCATION WITH VENDOR PRIOR TO ANY ROUGH-IN.
9	PROVIDE FLOOR MOUNTED QUAD RECEPTACLE. COORDINATE FINAL INSTALLATION LOCATION WITH IT DEPARTMENT PRIOR TO ANY ROUGH-IN.



1 LEVEL 2 - FLOOR POWER PLAN
1/8" = 1'-0"

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LEVEL 2 - FLOOR POWER PLAN

E-202

ALTERNATE 2 :: PROVIDE ALTERNATE PRICING FOR REPLACEMENT OF THE FOLLOWING VAV'S :

- VAV-3.3.3
- VAV-3.3.6 THRU VAV-3.3.11
- VAV-4.4.1
- VAV-4.4.5

AS SHOWN ON DRAWING. BASE BID SHALL INCLUDE THESE VAVS.

GENERAL POWER NOTES

1. COORDINATE EXACT INSTALLATION REQUIREMENTS OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS AND ACCEPTED MILLWORK SHOP DRAWINGS.
2. VERIFY EXACT LOCATION OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
3. ALL CONDUIT TERMINATION AT TERMINAL BOARDS ARE TO HAVE BUSHED CONDUIT ENDS.
4. MOUNT ALL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT WITHIN 6FT. OF EQUIPMENT CONNECTION POINT. VERIFY LOCATION OF POINT OF CONNECTION WITH EQUIPMENT INSTALLER PRIOR TO ELECTRICAL ROUGH-IN. (DRAWINGS ONLY SHOW DIAGRAMMATIC LOCATION OF CONNECTION).
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POWER KEYNOTES

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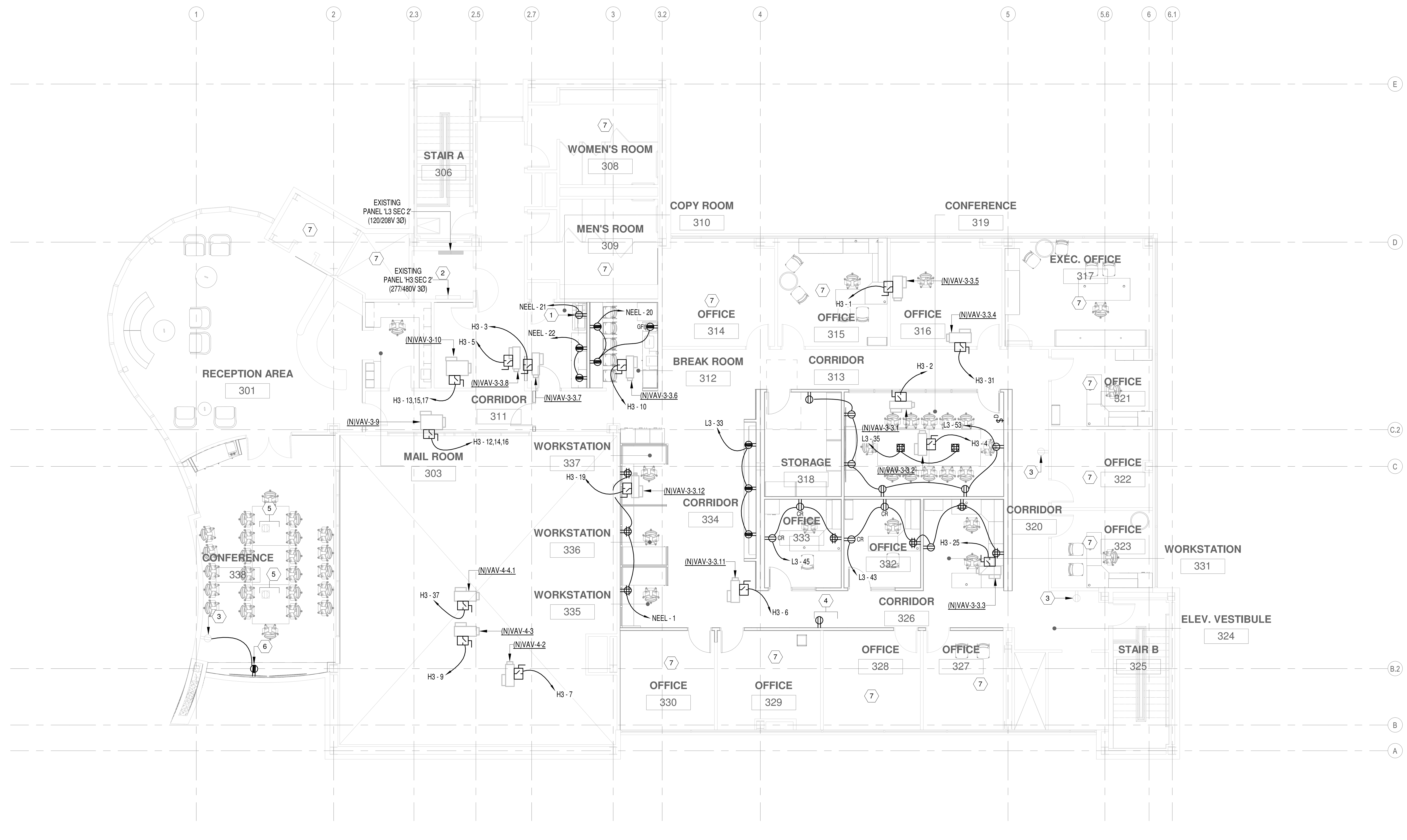
2	EXISTING PANELBOARDS TO BE REUSED ON THIS PROJECT.
3	EXISTING RECEPTACLE TO REMAIN AS IS.
4	EXISTING RECEPTACLE TO BE RELOCATED TO NEW LOCATION AS SHOWN. CONTRACTOR SHALL EXTEND EXISTING ASSOCIATED CIRCUITS TO NEW LOCATION.
5	EXISTING FLOOR BOX IS TO REMAIN AS IS.
6	PROVIDE DUPLEX 125V., 20A., 1P. RECEPTACLE FOR FLAT SCREEN TV. EXACT LOCATION AND MOUNTING HEIGHT SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
7	NO WORK IN THIS AREA.



1 LEVEL 3 - FLOOR POWER PLAN
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THEA TMC OFFICE RENOVATIONS

1104 E TWIGGS ST. TAMPA, FL 33602

Project number
1924

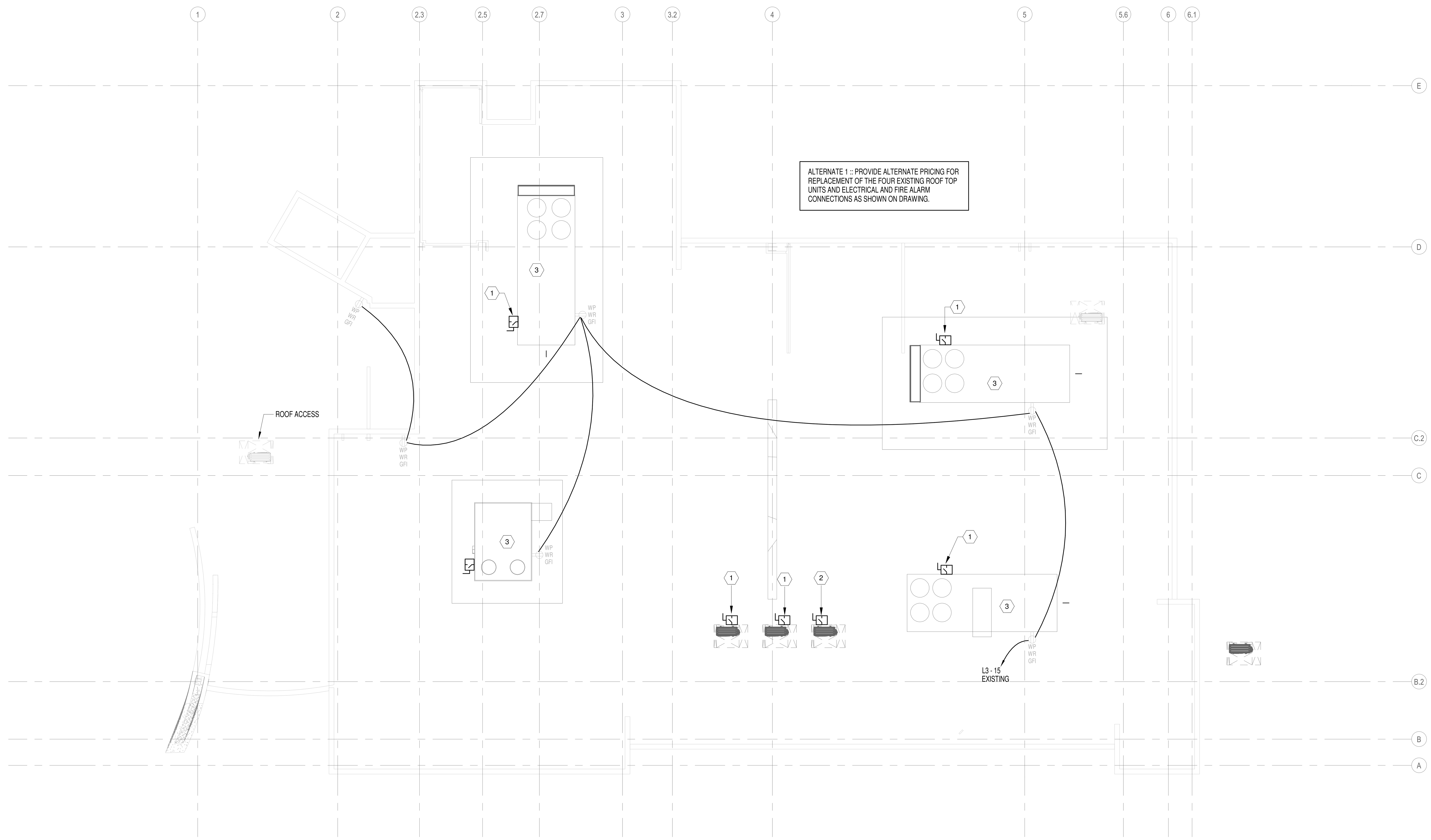
DISTRIBUTION

MILESTONE	DATE
PERMIT SET	05/07/20

LEVEL 3 - FLOOR POWER PLAN

E-203

POWER KEYNOTES	
1	EXISTING RTU TO BE REPLACED BY MECHANICAL CONTRACTOR. DISCONNECT AND RECONNECT EXISTING CIRCUIT. COORDINATE AS REQUIRED. EXTEND WIRING AS NECESSARY.
2	PROVIDE POWER FOR NEW CONDENSING UNIT.
3	RECONNECT EXISTING DUCT MOUNTED SMOKE DETECTORS.



1 ELECTRICAL ROOF PLAN
1/8" = 1'-0"

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ELECTRICAL ROOF PLAN

E-204

CAMERA LOCATION NOTE

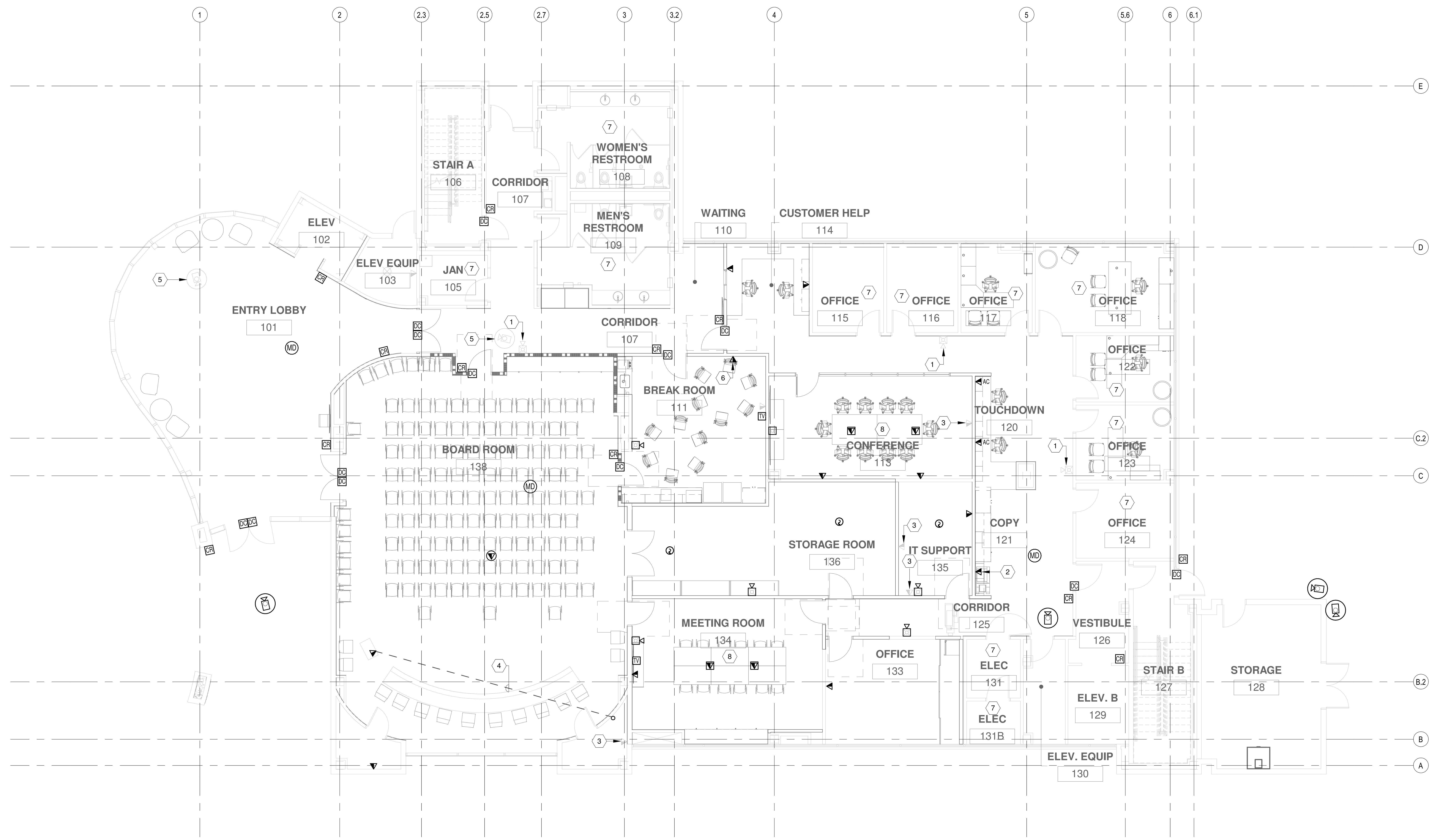
CAMERA LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION AND COVERAGE AREA OF EACH CAMERA WITH THE OWNER'S DESIGNATED REPRESENTATIVE PRIOR TO INSTALLATION. CAMERA FIELDS OF VIEW SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER WITH THE USE OF A HANDHELD VIEWFINDER (CHUGAI VM300 OR EQUIVALENT) TO DETERMINE THE BEST LENS AND CAMERA ANGLE. FINAL CAMERA LOCATIONS SHALL BE ABLE TO MOVE UP TO 30 FEET FROM LOCATION SHOWN WITHOUT ADDITIONAL COST. PARTICULAR ATTENTION SHALL BE GIVEN TO COORDINATION OF CAMERA LOCATIONS RELATIVE TO WINDOWS, BOOKCASES, DOORWAYS, OTHER OBSTRUCTIONS, AND OTHER CAMERA VIEWS. AFTER FINAL LOCATION IS DETERMINED AND THE SYSTEM IS IN OPERATION, CONTRACTOR SHALL COORDINATE WITH OWNER FOR EXACT CAMERA ANGLES AND LENS SETTINGS.

GENERAL SYSTEMS NOTES

1. COORDINATE EXACT INSTALLATION REQUIREMENTS OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS AND ACCEPTED MILLWORK SHOP DRAWINGS.
2. LOCATION OF ALL DEVICES ON DRAWINGS IS APPROXIMATE ONLY. VERIFY EXACT LOCATION WITH OWNERS REPRESENTATIVE, ARCHITECT, AND/OR ENGINEER PRIOR TO ROUGH-IN.
3. FURNISH AND INSTALL CABLE AND WIRE TO OUTLETS AND DEVICES UNLESS SPECIFICALLY NOTED OTHERWISE.
4. ALL RACEWAYS AND CABLE SHALL BE CONCEALED UNLESS NOTED OR APPROVED IN WRITING BY OWNER AND/OR ENGINEER.
5. ALL CAMERAS SHOWN ON THIS DRAWING SHALL BE SUPPORTED FROM THE MAIN MDF ROOM. REFER TO VIDEO SURVEILLANCE CCTV SYSTEM SINGLE LINE DIAGRAM FOR INFORMATION.
6. COORDINATE WIRELESS ACCESS POINTS AND CEILING MOUNTED SPEAKER LOCATIONS WITH AVIT.

SYSTEMS KEYNOTES

1	EXISTING FIRE ALARM DEVICE TO REMAIN AS IS.
2	COMMUNICATIONS OUTLET, PROVIDE 3/4" EMPTY CONDUIT TO IT CLOSET AND TERMINATE SAME WITH INSULATING BUSHING.
3	EXISTING COMMUNICATIONS OUTLET TO REMAIN AS IS.
4	(2) 1"C WITH PULL STRING IN SLAB FROM PODIUM LOCATION TO AV CLOSET 140 AND UP THROUGH FLOOR.
5	EXISTING SECURITY CAMERA TO REMAIN AS IS.
6	EXISTING COMMUNICATION OUTLET RELOCATED TO NEW LOCATION AS SHOWN. COORDINATE EXACT LOCATION WITH VENDOR/OWNER PRIOR TO ANY ROUGH-IN.
7	NO WORK IN THIS AREA.
8	COORDINATE ALL DATA AND RECEPTACLE WITH CONFERENCE ROOM FURNITURE PRIOR TO ANY ROUGH-IN.



1 LEVEL 1 - FLOOR SYSTEMS PLAN
1/8" = 1'-0"

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LEVEL 1 - FLOOR SYSTEMS PLAN

E-301

CAMERA LOCATION NOTE

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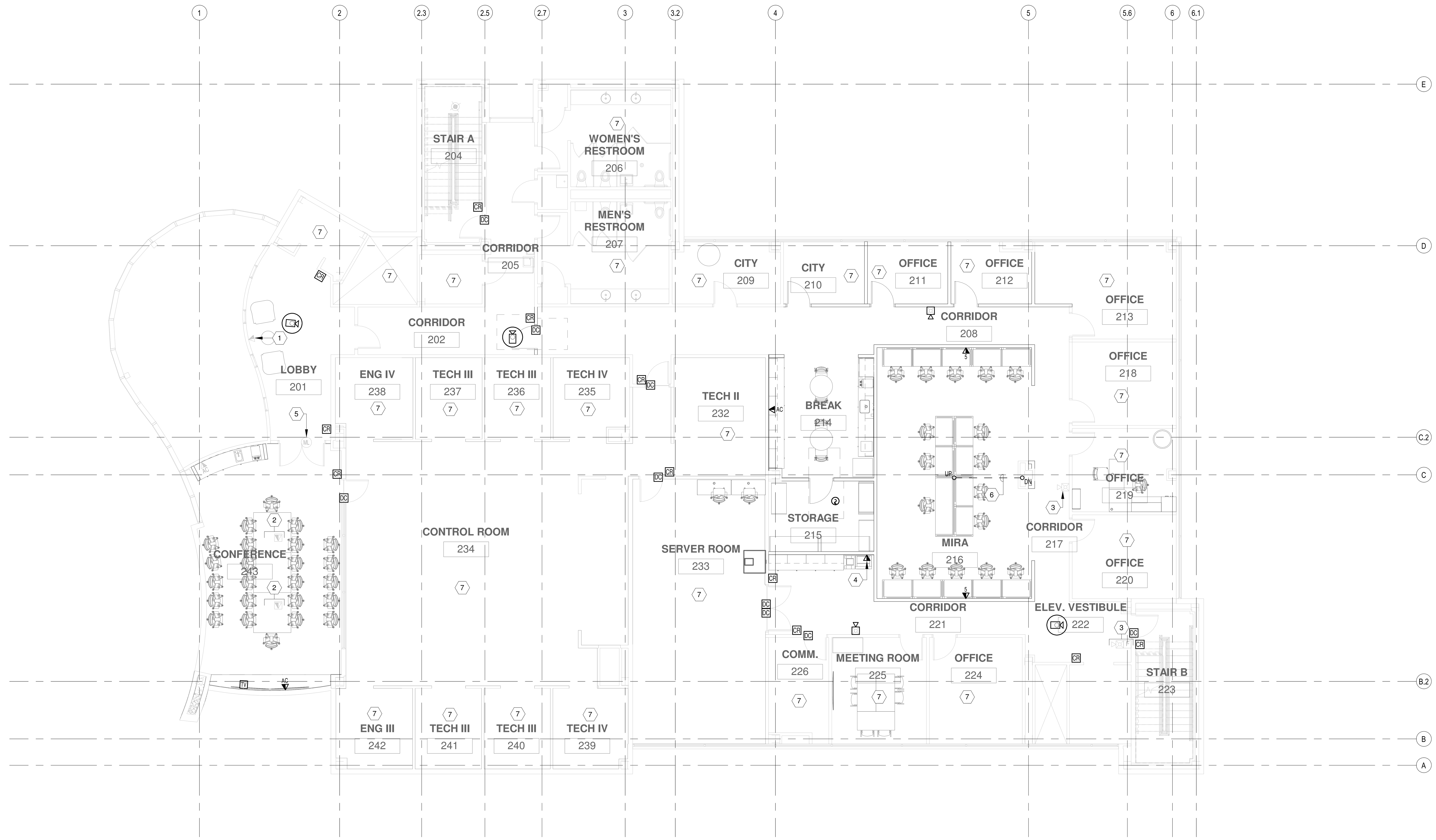
GENERAL SYSTEMS NOTES

1. COORDINATE EXACT INSTALLATION REQUIREMENTS OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS AND ACCEPTED MILLWORK SHOP DRAWINGS.
2. LOCATION OF ALL DEVICES ON DRAWINGS IS APPROXIMATE ONLY. VERIFY EXACT LOCATION WITH OWNERS REPRESENTATIVE, ARCHITECT, AND/OR ENGINEER PRIOR TO ROUGH-IN.
3. FURNISH AND INSTALL CABLE AND WIRE TO OUTLETS AND DEVICES UNLESS SPECIFICALLY NOTED OTHERWISE.
4. ALL RACEWAYS AND CABLE SHALL BE CONCEALED UNLESS NOTED OR APPROVED IN WRITING BY OWNER AND/OR ENGINEER.
5. ALL CAMERAS SHOWN ON THIS DRAWING SHALL BE SUPPORTED FROM THE MAIN MDF ROOM. REFER TO VIDEO SURVEILLANCE CCTV SYSTEM SINGLE LINE DIAGRAM FOR INFORMATION.
6. COORDINATE WIRELESS ACCESS POINTS AND CEILING MOUNTED SPEAKER LOCATIONS WITH AVIT.

SYSTEMS KEYNOTES

1	EXISTING COMMUNICATIONS OUTLET TO REMAIN AS IS.
2	EXISTING FLOOR BOX IS TO REMAIN AS IS.
3	EXISTING FIRE ALARM DEVICE TO REMAIN AS IS.
4	COMMUNICATIONS OUTLET, PROVIDE 3/4" EMPTY CONDUIT TO IT CLOSET AND TERMINATE SAME WITH INSULATING BUSHING.
5	EXISTING MAG-LOCK EQUIPMENT TO BE RE-USED ON THIS PROJECT.
6	PROVIDE 1" CONDUIT FOR DATA UNDER FLOOR FROM WALL TO RECESSED POKE-THRU DEVICE FOR MODULAR FURNITURE. COORDINATE FINAL POKE-THRU DEVICE LOCATION WITH VENDOR PRIOR TO ANY ROUGH-IN.
7	NO WORK IN THIS AREA.



1 LEVEL 2 - FLOOR SYSTEMS PLAN
1/8" = 1'-0"

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THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ADAM T. POWELL, PE, USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND ANY SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPY.

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LEVEL 2 - FLOOR SYSTEMS PLAN

E-302

CAMERA LOCATION NOTE

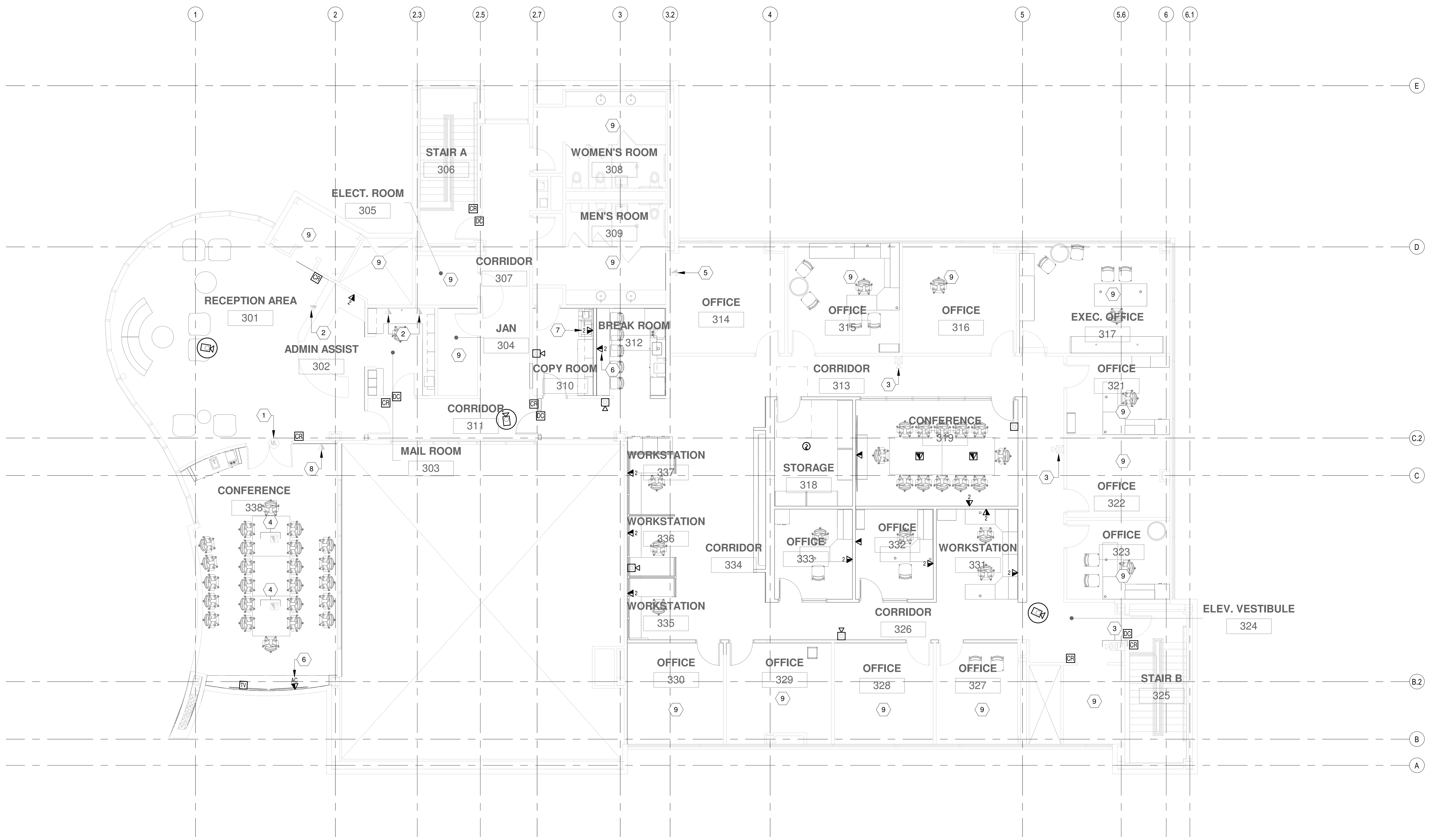
CAMERA LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION AND COVERAGE AREA OF EACH CAMERA WITH THE OWNER'S DESIGNATED REPRESENTATIVE PRIOR TO INSTALLATION. CAMERA FIELDS OF VIEW SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER WITH THE USE OF A HANDHELD VIEWFINDER (CHUGAI VM300 OR EQUIVALENT) TO DETERMINE THE BEST LENS AND CAMERA ANGLE. FINAL CAMERA LOCATIONS SHALL BE ABLE TO MOVE UP TO 30 FEET FROM LOCATION SHOWN WITHOUT ADDITIONAL COST. PARTICULAR ATTENTION SHALL BE GIVEN TO COORDINATION OF CAMERA LOCATIONS RELATIVE TO WINDOWS, BOOKCASES, DOORWAYS, OTHER OBSTRUCTIONS, AND OTHER CAMERA VIEWS. AFTER FINAL LOCATION IS DETERMINED AND THE SYSTEM IS IN OPERATION, CONTRACTOR SHALL COORDINATE WITH OWNER FOR EXACT CAMERA ANGLES AND LENS SETTINGS.

GENERAL SYSTEMS NOTES

1. COORDINATE EXACT INSTALLATION REQUIREMENTS OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS AND ACCEPTED MILLWORK SHOP DRAWINGS.
2. LOCATION OF ALL DEVICES ON DRAWINGS IS APPROXIMATE ONLY. VERIFY EXACT LOCATION WITH OWNERS REPRESENTATIVE, ARCHITECT, AND/OR ENGINEER PRIOR TO ROUGH-IN.
3. FURNISH AND INSTALL CABLE AND WIRE TO OUTLETS AND DEVICES UNLESS SPECIFICALLY NOTED OTHERWISE.
4. ALL RACEWAYS AND CABLE SHALL BE CONCEALED UNLESS NOTED OR APPROVED IN WRITING BY OWNER AND/OR ENGINEER.
5. ALL CAMERAS SHOWN ON THIS DRAWING SHALL BE SUPPORTED FROM THE MAIN MDF ROOM. REFER TO VIDEO SURVEILLANCE CCTV SYSTEM SINGLE LINE DIAGRAM FOR INFORMATION.
6. COORDINATE WIRELESS ACCESS POINTS AND CEILING MOUNTED SPEAKER LOCATIONS WITH AVIT.

SYSTEMS KEYNOTES

1	EXISTING MAG-LOCK EQUIPMENT TO BE RE-USED ON THIS PROJECT.
2	EXISTING COMMUNICATIONS OUTLET TO REMAIN AS IS.
3	EXISTING FIRE ALARM DEVICE TO REMAIN AS IS.
4	EXISTING FLOOR BOX IS TO REMAIN AS IS.
5	EXISTING COMMUNICATION OUTLET TO BE REMOVED, STORED AND RELOCATED TO NEW LOCATION IN BREAK ROOM 312. REFER TO LEVEL 3 - FLOOR POWER PLAN THIS SHEET FOR NEW LOCATION.
6	EXISTING COMMUNICATION OUTLET RELOCATED TO NEW LOCATION AS SHOWN. COORDINATE EXACT LOCATION WITH VENDOR/OWNER PRIOR TO ANY ROUGH-IN.
7	COMMUNICATIONS OUTLET, PROVIDE 3/4" EMPTY CONDUIT TO IT CLOSET AND TERMINATE SAME WITH INSULATING BUSHING.
8	EXISTING COMMUNICATION OUTLET TO BE REMOVED, STORED AND RELOCATED TO NEW LOCATION IN SAME ROOM. REFER TO LEVEL 3 - FLOOR POWER PLAN THIS SHEET FOR NEW LOCATION.
9	NO WORK IN THIS AREA.



1 LEVEL 3 - FLOOR SYSTEMS PLAN
1/8" = 1'-0"

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LEVEL 3 - FLOOR SYSTEMS PLAN

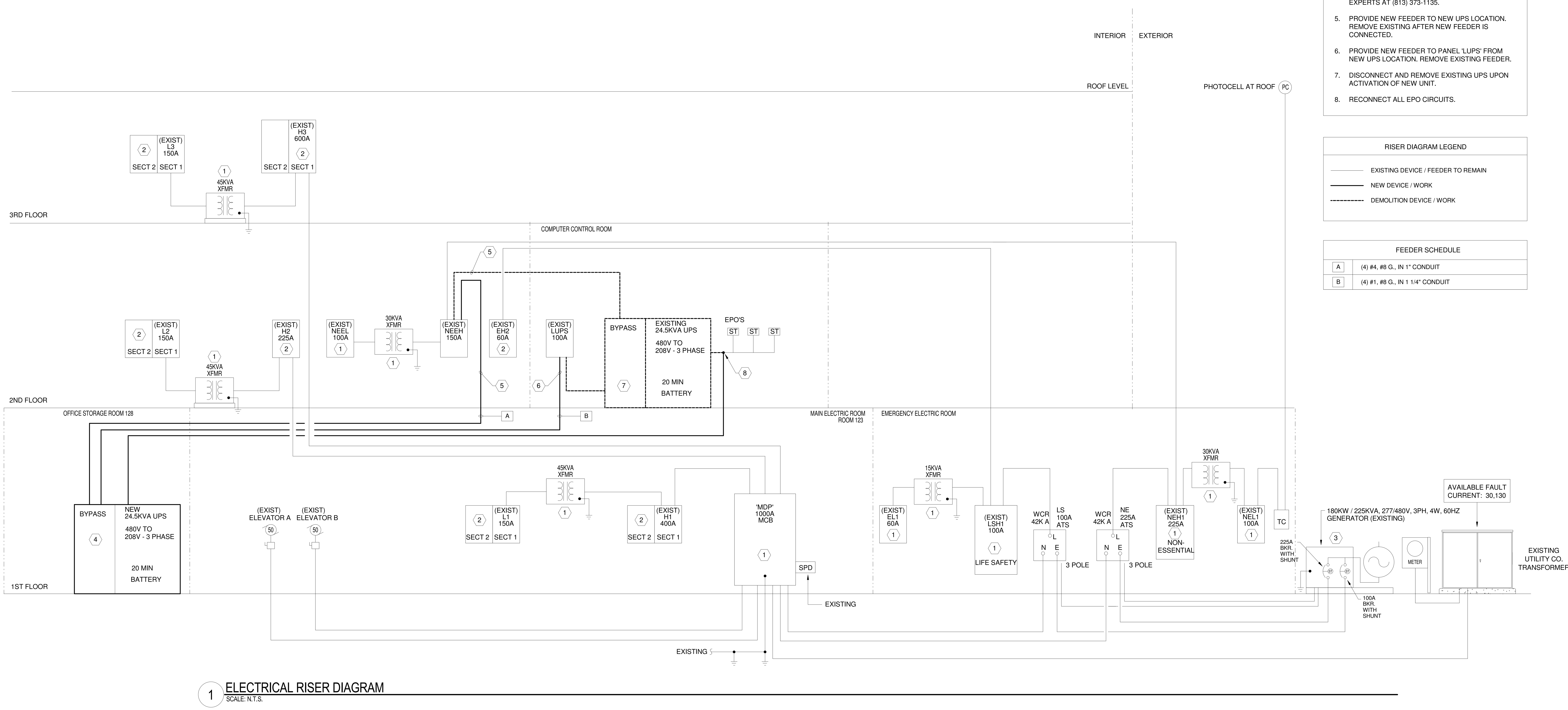
E-303

SHEET KEY NOTES

1. EXISTING EQUIPMENT TO REMAIN. PROTECT AND MAINTAIN.
2. REFER TO PANEL SCHEDULE AND FLOOR PLANS FOR WORK RELATED TO THIS PANEL.
3. EXISTING GENERATOR. SHOWN FOR REFERENCE ONLY.
4. PROVIDE NEW 25kVA UPS WITH MAINTENANCE BYPASS, 480V/208V TRANSFORMER AND BATTERY CABINET FOR A MINIMUM RUNTIME OF 20 MINUTES. MANUFACTURER: TOSHIBA, MODEL 4400. CONTACT DAVE CLEVELAND WITH CRITICAL POWER EXPERTS AT (813) 373-1135.
5. PROVIDE NEW FEEDER TO NEW UPS LOCATION. REMOVE EXISTING AFTER NEW FEEDER IS CONNECTED.
6. PROVIDE NEW FEEDER TO PANEL 'LUPS' FROM NEW UPS LOCATION. REMOVE EXISTING FEEDER.
7. DISCONNECT AND REMOVE EXISTING UPS UPON ACTIVATION OF NEW UNIT.
8. RECONNECT ALL EPO CIRCUITS.

RISER DIAGRAM LEGEND
EXISTING DEVICE / FEEDER TO REMAIN
NEW DEVICE / WORK
DEMOLITION DEVICE / WORK

FEEDER SCHEDULE	
A	(4) #4, #8 G., IN 1" CONDUIT
B	(4) #1, #8 G., IN 1 1/4" CONDUIT



1 ELECTRICAL RISER DIAGRAM
SCALE: N.T.S.

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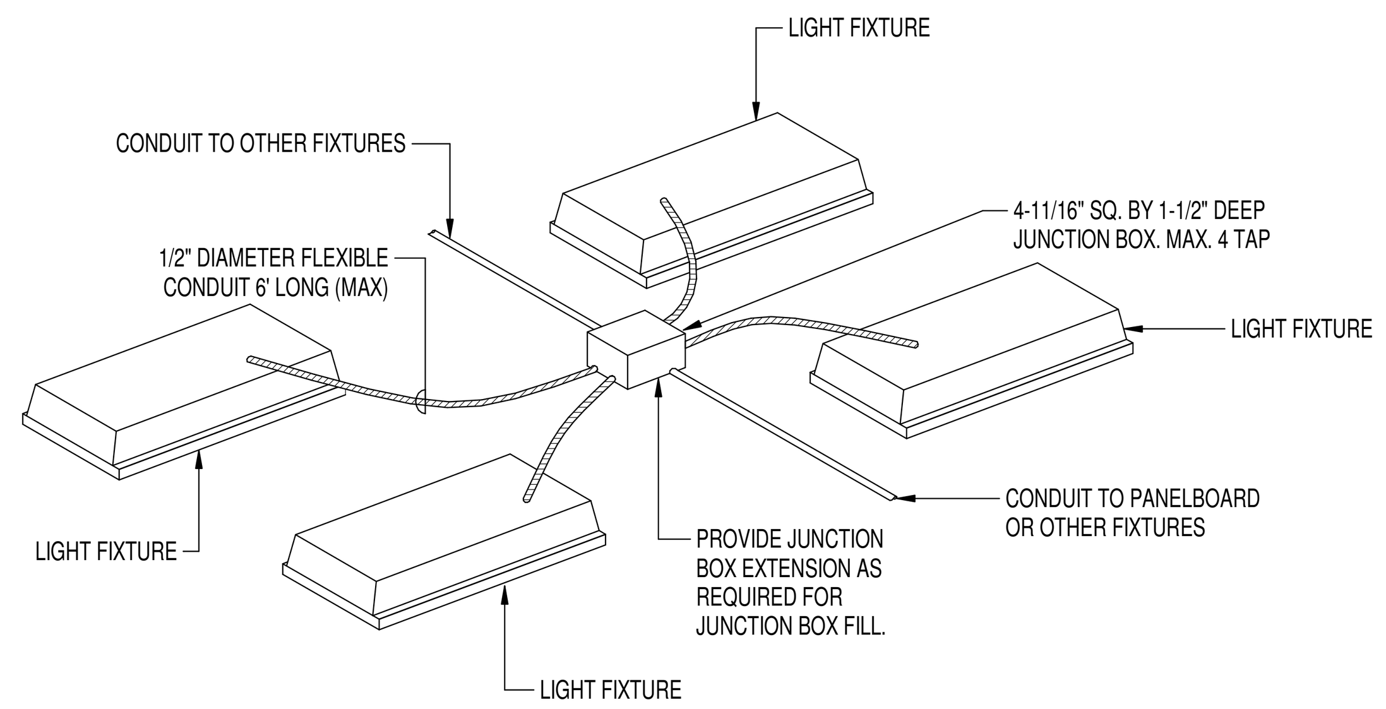
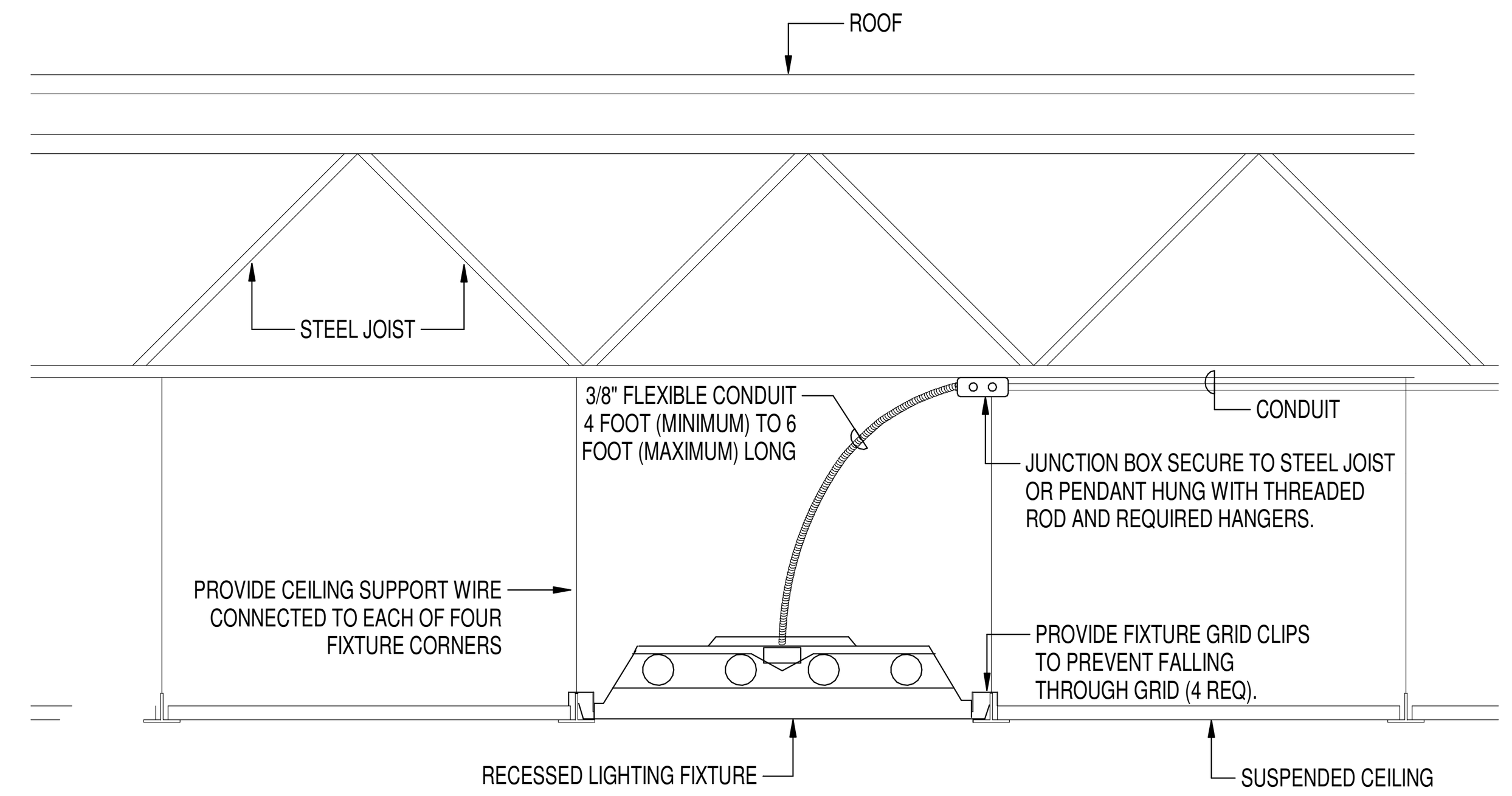
ELECTRICAL RISER DIAGRAMS

E-401

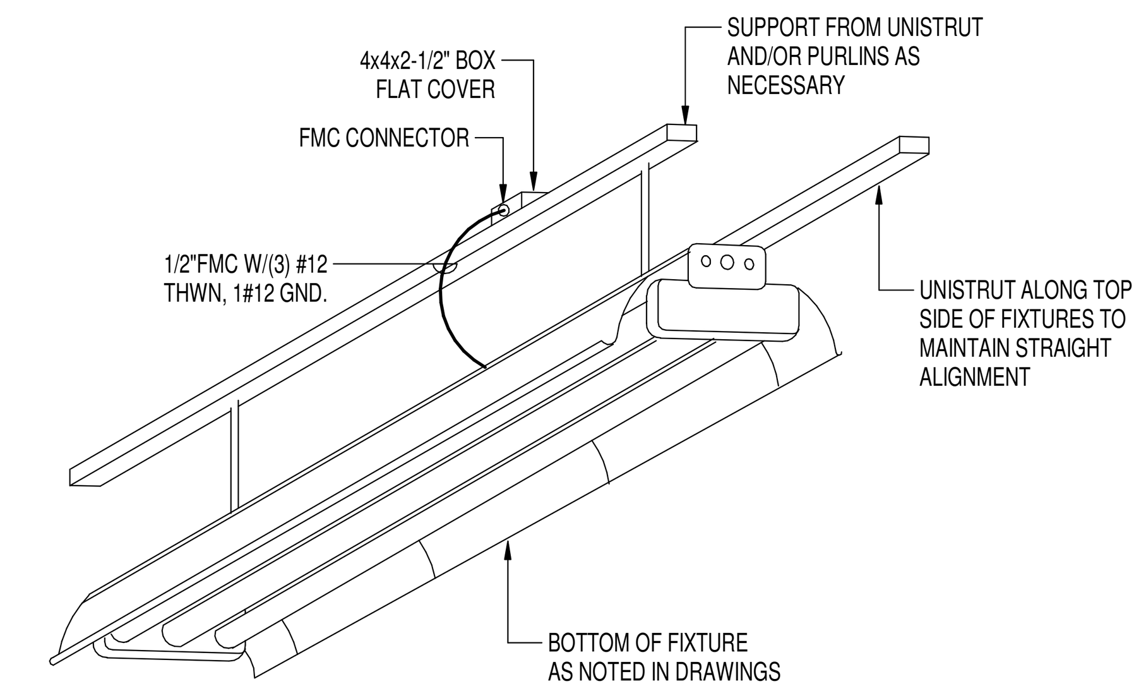


1 **RECESSED LIGHT FIXTURE WIRING TAP DETAIL**

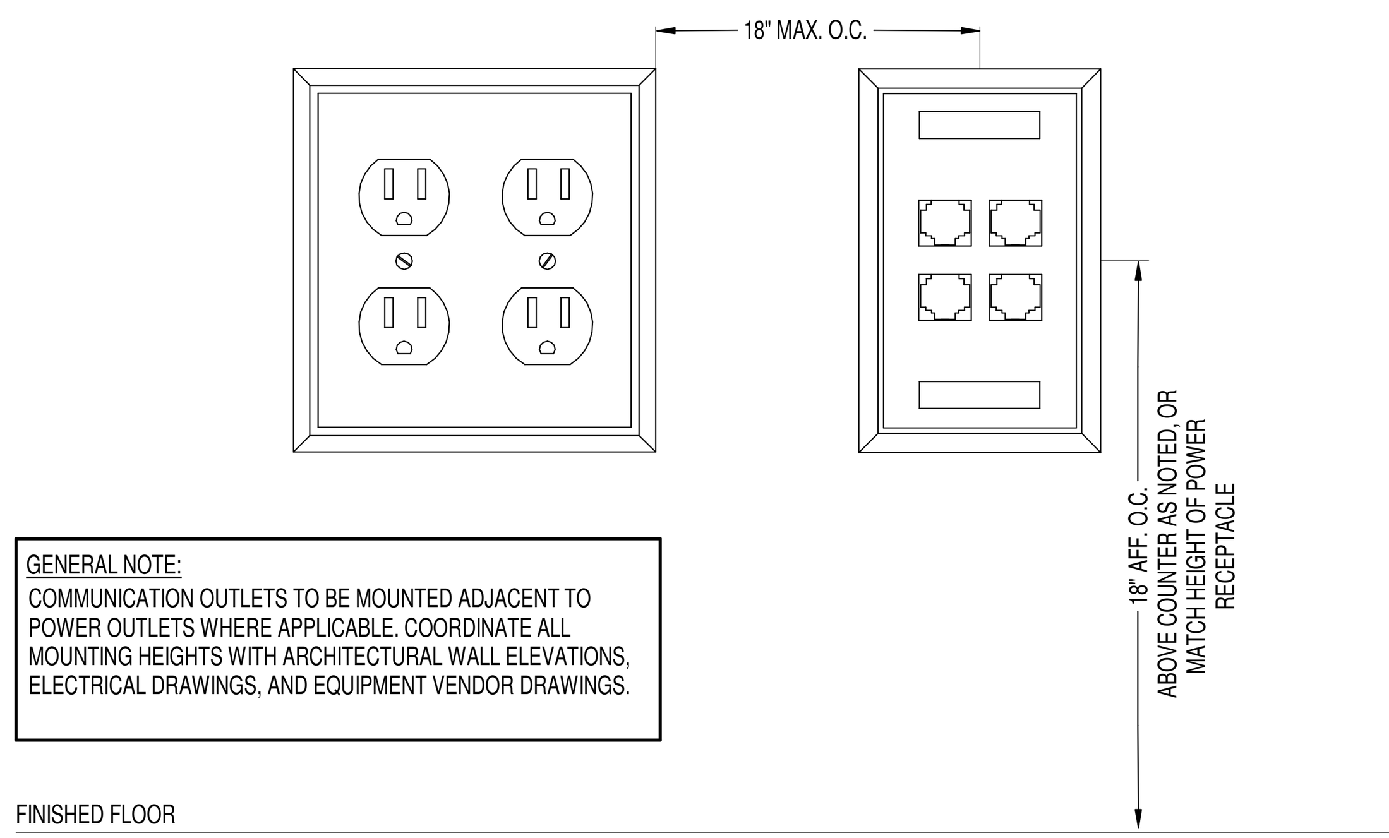


NOTE: ALL RECESSED FIXTURES SHALL BE WIRED FROM A JUNCTION BOX AS SHOWN ABOVE, INCLUDING FIXTURES SHOWN IN CONTINUOUS ROWS; NO WIRING THROUGH FIXTURES. AT CONTRACTORS OPTION, SEVERAL FIXTURES NOT TO EXCEED (4) MAY BE WIRED TO A COMMON JUNCTION BOX.

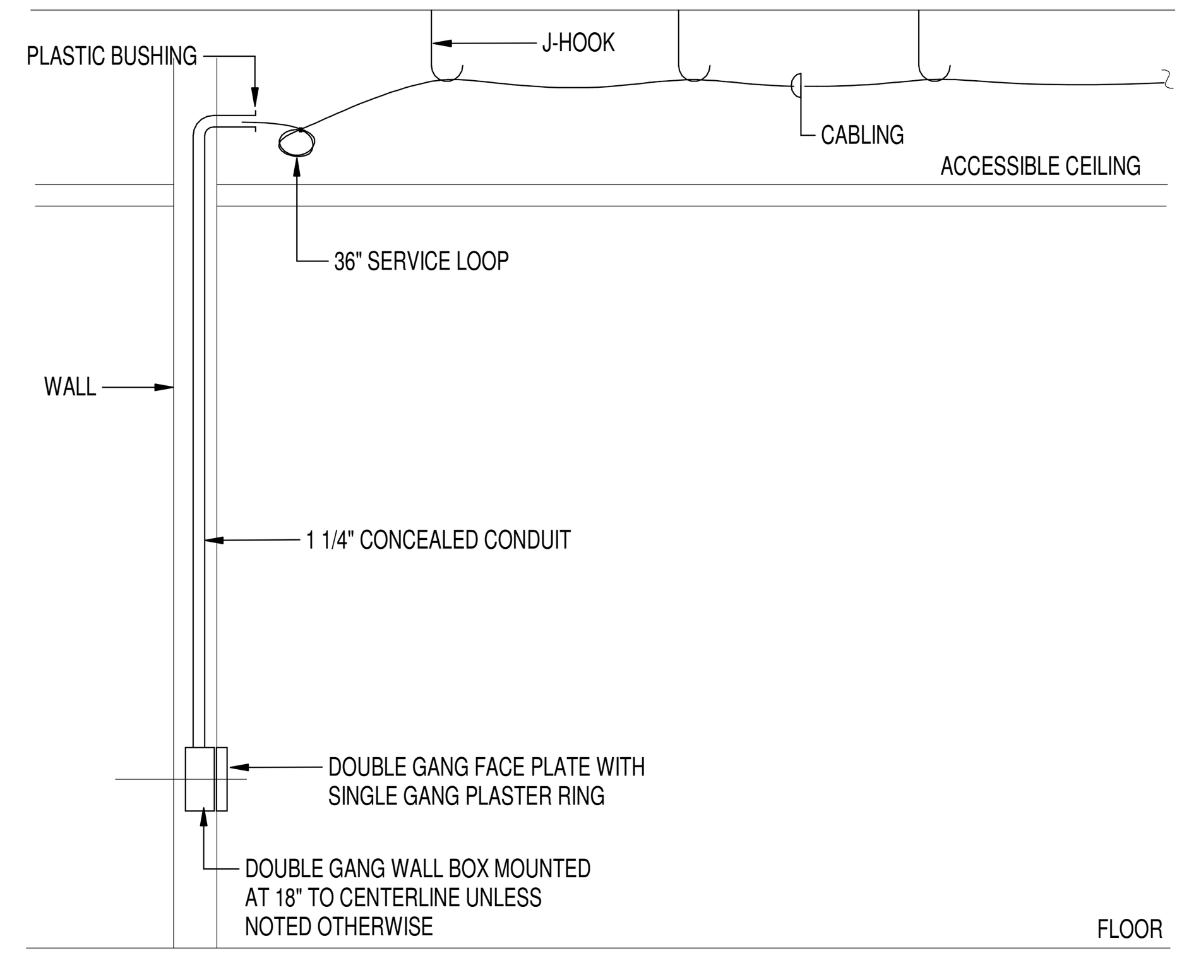
2 **TYPICAL FIXTURE INSTALLATION DETAIL**



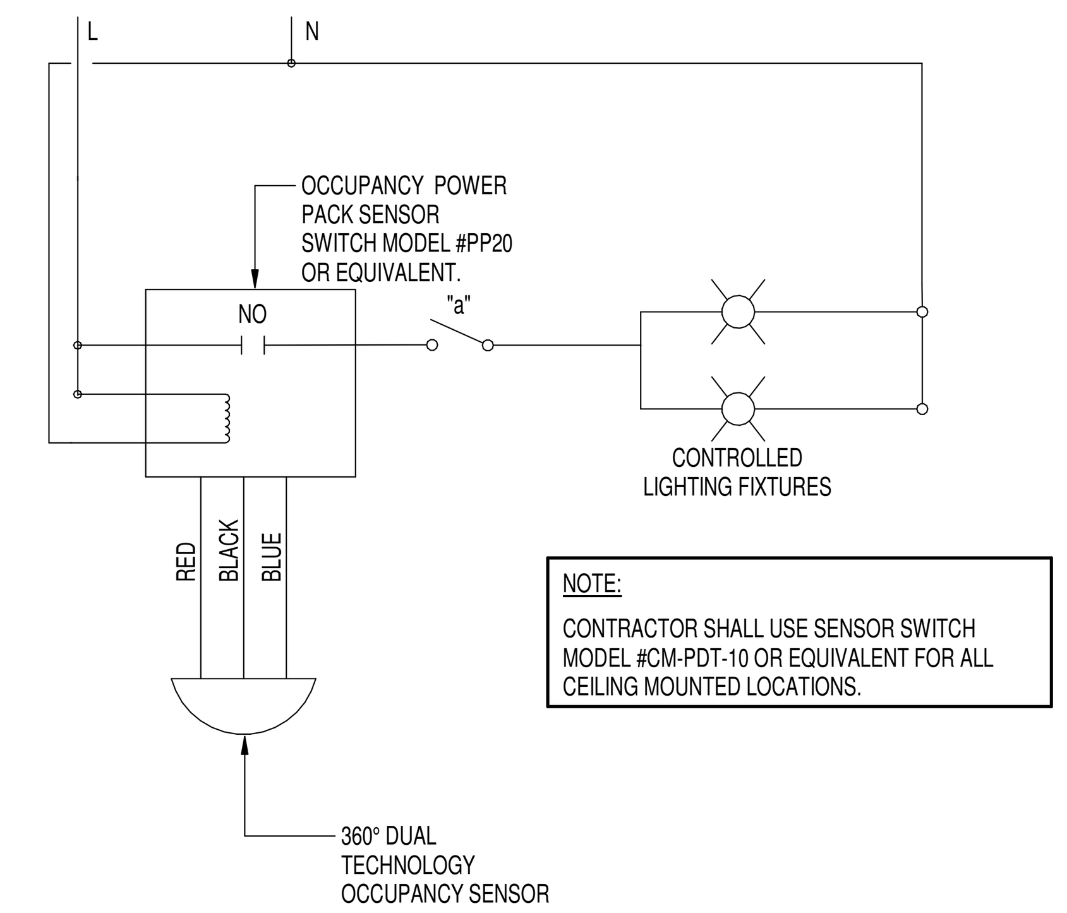
3 **TYPICAL PENDANT MOUNTED FIXTURE DETAIL**



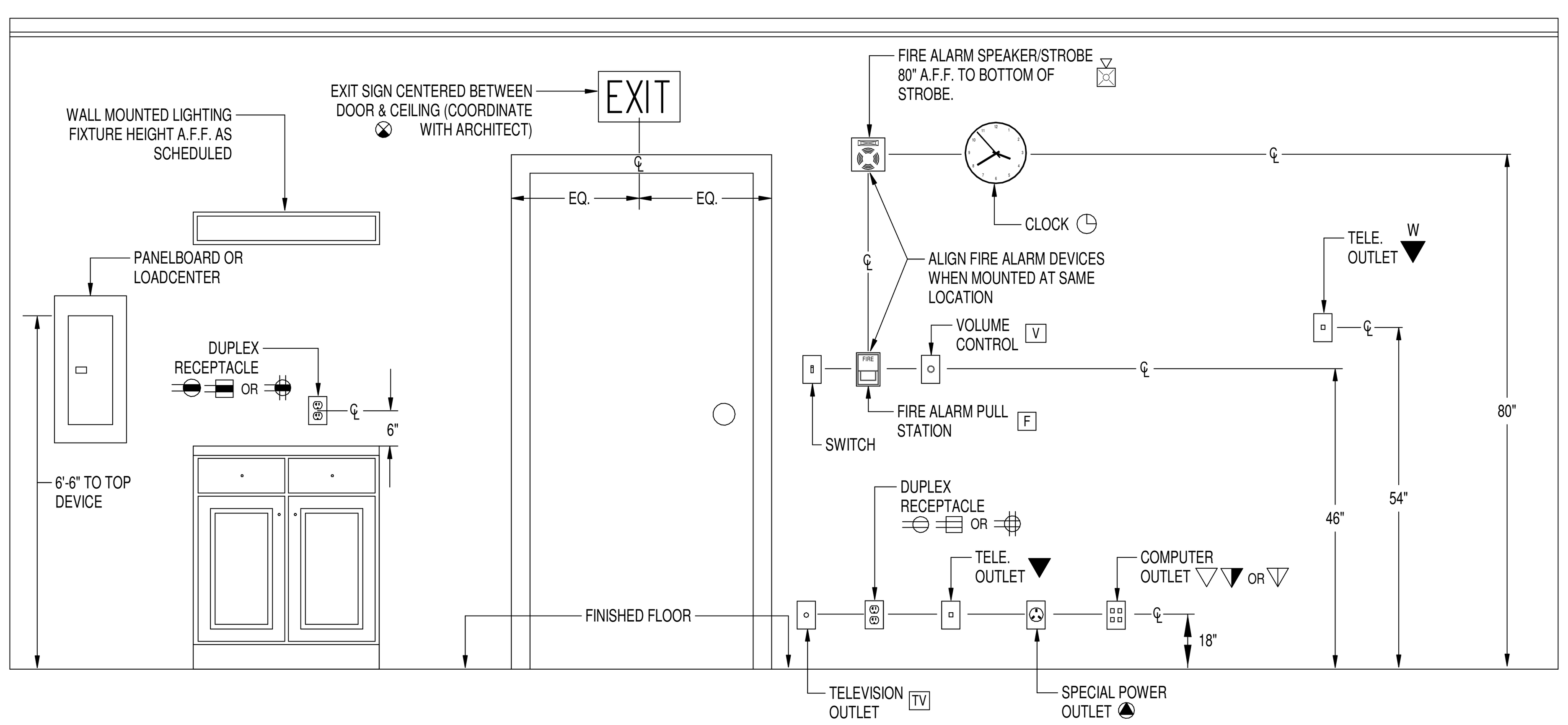
4 **TYPICAL POWER OUTLET COORDINATION REQUIREMENTS**



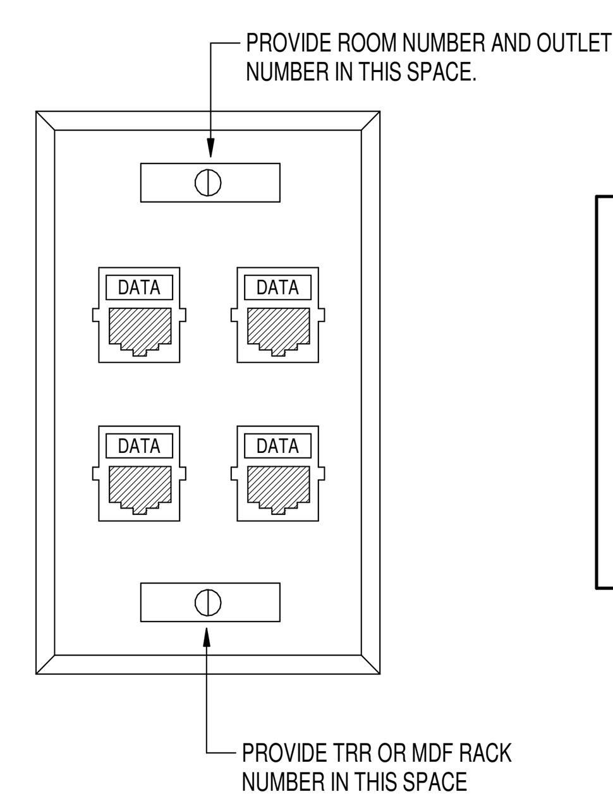
5 **COMMUNICATION OUTLET CONDUIT STUB-UP DETAIL**



6 **TYPICAL "OS" RELAY DIAGRAM**



7 **TYPICAL SYSTEMS OUTLET MOUNTING HEIGHT DETAIL**

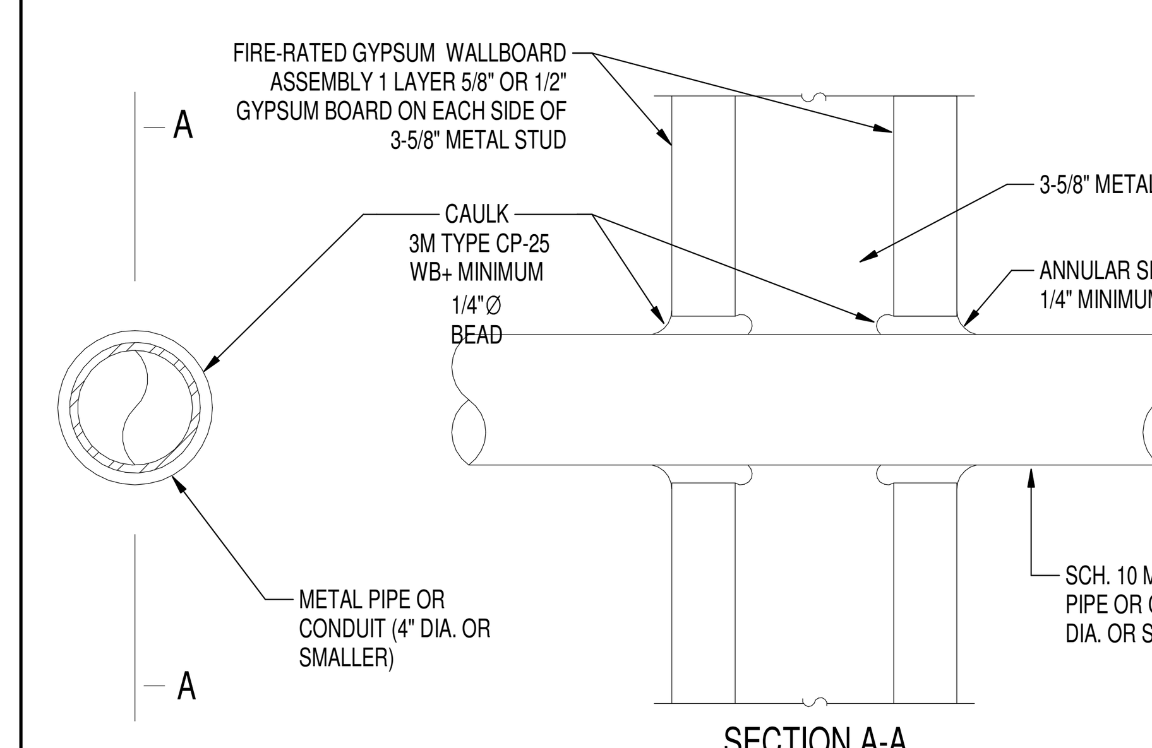


NOTES:

1. ALL INFORMATION OUTLETS SHALL BE PROVIDED WITH LABELS INDICATING:
   - A. ROOM NUMBER
   - B. OUTLET ID.
   - C. PORT NUMBER
2. LABELS SHALL BE TYPE WRITTEN OR KROYED AND PLACED IN A CLEAR ACETATE SLEEVE.
3. THE SAME LABELING SHALL BE PROVIDED ON BACK OF FACE PLATE WITH A PERMANENT MARKER.

4 - OUTLET CONFIGURATION KEY AS INDICATED ON PLANS

8 **TYPICAL 4-PORT COMMUNICATION CONFIGURATION DETAIL**
1" = 1'-0"



FRONT VIEW

SECTION A-A

ALL SURFACES SHOULD BE CLEAN, SOUND AND DRY PRIOR TO APPLICATION OF FIRESTOPPING MATERIALS. IF THE OPENING IS NOT SLEEVED, INSTALL A GALVANIZED STEEL SLEEVE AROUND THE PIPE AND ANCHOR IT IN PLACE.

U.L. SYSTEM NO. WL1001

9 **1-HOUR FIREWALL PENETRATION DETAIL**
1" = 1'-0"

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ELECTRICAL DETAILS

E-501

PANELBOARD: L1

LOCATION: ELEC 131
MOUNTING: SURFACE NEMA1
MAIN DEVICE: 150 A MAIN CB
BUS AMPS: 150 AMPS
VOLTAGE: 208Y/120 V. 3 ø 4 W.
A.I.C. RATING: 10,000 AMPS SYMMETRICAL
SPECIAL: EXISTING PANEL

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
REC - RM 118, 117	20 A	1	1	0.9	1.1					2	1	20 A	REC - CORRIDOR
REC - RM 117, 116	20 A	1	3			0.9	0.9			4	1	20 A	REC - CORRIDOR
REC - RM 114	20 A	1	5					0.9	1.0	6	1	20 A	AHU 6
AHU 7	20 A	1	7	0.9	1.0					8	1	20 A	AHU 8
VENDING	20 A	1	9			0.9	0.6			10	1	20 A	BLACK-OUT SHADE
VENDING	20 A	1	11					1.0	1.1	12	1	20 A	REC - RM 142, 144
EWC	20 A	1	13	0.9	1.2					14	1	20 A	REC - DISHWASHER - BREAK ROOM 111
CONFERENCE 113	20 A	1	15			1.1	0.5			16	1	20 A	REC - BREAK ROOM 111
COPY 121 - PRINTER	20 A	1	17					1.2	0.0	18	1	20 A	SPARE
TOUCHDOWN 120/COPY 121	20 A	1	19	0.9	0.2					20	1	20 A	REC RECEPTION RM
IT SUPPORT 135	20 A	1	21			0.4	0.0			22	1	20 A	SPARE
REC - CONFERENCE 113	20 A	1	23					0.7	1.0	24	1	20 A	REC - RM 136
BREAKROOM 111 MICROWAVE	20 A	1	25	1.1	1.0					26	1	20 A	REC - RM 136
BREAKROOM 111	20 A	1	27			1.1	0.9			28	1	20 A	REC - TAPE ROOM 137
BREAKROOM 111 REFRIGERATOR	20 A	1	29					1.5	1.3	30	1	20 A	CONFERENCE 134
BREAKROOM 111 REFRIGERATOR	20 A	1	31	1.5	0.5					32	1	20 A	REC - TAPE ROOM 137
SPARE	20 A	1	33			0.0	0.2			34	1	20 A	REC - RM 143
FILE ROOM 136/STORAGE 137	20 A	1	35					0.7	0.5	36	1	20 A	BOARDROOM 138
SPARE	20 A	1	37	0.0	0.2					38	1	20 A	LOBBY FLOOR BOX
SPARE	20 A	1	39			0.0	0.7			40	1	20 A	REC - CONFERENCE 135
SPARE	20 A	1	41					0.0	0.7	42	1	20 A	REC - BOARDROOM 138
CU-6	20 A	2	43	1.4	1.1					44	1	20 A	REC - BOARDROOM 138
			45			1.4				46			
SPARE	20 A	1	47					0.0	0.0	48	1	20 A	SPARE
CU-7	20 A	2	49	1.4	0.2					50	1	20 A	REC - BATHROOMS
			51			1.4	0.2			52	1	20 A	REC - BATHROOMS
SPARE	20 A	1	53					0.0	0.0	54	1	20 A	SPARE
CU-8	20 A	2	55	1.4	1.2					56	1	20 A	FLOOR BOXES RM 144
			57			1.4	0.7			58	1	20 A	REC - RM 135
SPARE	20 A	1	59					0.0	0.0	60	1	20 A	SPARE
SPARE	20 A	1	61	0.0	0.0					62	1	20 A	SPARE
SPARE	20 A	1	63			0.0	0.0			64	1	20 A	SPARE
SPARE	20 A	1	65					0.0	0.0	66	1	20 A	SPARE
SPARE	20 A	1	67	0.0	0.0					68	1	20 A	SPARE
SPARE	20 A	1	69			0.0	0.0			70	1	20 A	SPARE
SPARE	20 A	1	71					0.0	0.0	72	1	20 A	SPARE
SPARE	20 A	1	73	0.0	0.0					74	1	20 A	SPARE
SPARE	20 A	1	75			0.0	0.0			76	1	20 A	SPARE
SPARE	20 A	1	77					0.0	0.0	78	1	20 A	SPARE
SPARE	20 A	1	79	0.0	0.0					80	1	20 A	SPARE
SPARE	20 A	1	81			0.0	0.0			82	1	20 A	SPARE
SPARE	20 A	1	83					0.0	0.0	84	1	20 A	SPARE
	TOTAL LOAD:			18 kVA		13 kVA		12 kVA					
	TOTAL AMPS:			152 A		112 A		96 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	11300 VA	100.00%	11300 VA		
RCPT	24962 VA	70.03%	17481 VA	**CONNECTED LOAD:**	42737 VA
MOTORS	600 VA	125.00%	750 VA	**ESTIMATED DEMAND:**	35407 VA
				CONNECTED CURRENT:	119 A
				EST. DEMAND CURRENT:	98 A

NOTES:

PANELBOARD: L2

LOCATION: ELEC. 203
MOUNTING: SURFACE NEMA1
MAIN DEVICE: 150 A MAIN CB
BUS AMPS: 150
VOLTAGE: 208Y/120 V. 3 ø 4 W.
A.I.C. RATING: 10,000 AMPS SYMMETRICAL
SPECIAL:

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
SPARE	20 A	1	1	0.0	1.1					2	1	20 A	REC - CORRIDOR
SPARE	20 A	1	3			0.0	0.9			4	1	20 A	REC - CORRIDOR
REC - RM 208	20 A	1	5					0.4	0.5	6	1	20 A	EWH
VTU CONTROL PANEL	20 A	1	7	0.5	0.4					8	1	20 A	REC - RM 207
COPIER 221b COPIER	20 A	1	9			1.2	0.4			10	1	20 A	REC - RM 208
COPIER 221b/STORAGE 229	20 A	1	11					0.5	0.5	12	1	20 A	REC - RM 208
REC - OFFICE	20 A	1	13	0.0	0.7					14	1	20 A	MIRA 214
MIRA 214	20 A	1	15			0.5	0.5			16	1	20 A	MIRA 214
REC - OFFICE	20 A	1	17					0.0	0.5	18	1	20 A	MIRA 214
RM 209	20 A	1	19	0.0	0.7					20	1	20 A	OFFICE 213
OFFICE 211/OFFICE 212	20 A	1	21			1.1	0.9			22	1	20 A	REC - RM 216
OFFICE 210/OFFICE 211	20 A	1	23					0.5	0.9	24	1	20 A	REC - RM 217, 218
REC - OFFICE	20 A	1	25	0.0	0.9					26	1	20 A	REC - RM 221, 222
REC - OFFICE	20 A	1	27			0.0	0.6			28	1	20 A	REC - RM 221, 218
REC - OFFICE	20 A	1	29					0.0	0.5	30	1	20 A	REC - RM 216
REC - OFFICE	20 A	1	31	0.0	0.7					32	1	20 A	REC - RM 217, 218, 221, 222
REC - OFFICE	20 A	1	33			0.0	0.4			34	1	20 A	REC - RM 211
REC - OFFICE	20 A	1	35					0.0	0.6	36	1	20 A	REC - RM 211
REC - MIRA 216	20 A	1	37	1.3	0.0					38	1	20 A	SPARE
SPARE	20 A	1	39			0.0	0.0			40	1	20 A	SPARE
SPARE	20 A	1	41					0.0	0.0	42	1	20 A	SPARE
SPACE	--	--	43	0.0	0.0					44	--	--	SPACE
SPACE	--	--	45			0.0	0.0			46	--	--	SPACE
SPACE	--	--	47					0.0	0.0	48	--	--	SPACE
SPACE	--	--	49	0.0	0.0					50	--	--	SPACE
SPACE	--	--	51			0.0	0.0			52	--	--	SPACE
SPACE	--	--	53					0.0	0.0	54	--	--	SPACE
SPACE	--	--	55	0.0	0.0					56	--	--	SPACE
SPACE	--	--	57			0.0	0.0			58	--	--	SPACE
SPACE	--	--	59					0.0	0.0	60	--	--	SPACE
SPACE	--	--	61	0.0	0.0					62	--	--	SPACE
SPACE	--	--	63			0.0	0.0			64	--	--	SPACE
SPACE	--	--	65					0.0	0.0	66	--	--	SPACE
SPACE	--	--	67	0.0	0.0					68	--	--	SPACE
SPACE	--	--	69			0.0	0.0			70	--	--	SPACE
SPACE	--	--	71					0.0	0.0	72	--	--	SPACE
SPACE	--	--	73	0.0	0.0					74	--	--	SPACE
SPACE	--	--	75			0.0	0.0			76	--	--	SPACE
SPACE	--	--	77					0.0	0.0	78	--	--	SPACE
SPACE	--	--	79	0.0	0.0					80	--	--	SPACE
SPACE	--	--	81			0.0	0.0			82	--	--	SPACE
SPACE	--	--	83					0.0	0.0	84	--	--	SPACE
	TOTAL LOAD:			6 kVA		6 kVA		5 kVA					
	TOTAL AMPS:			53 A		55 A		41 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
RCPT	14212 VA	85.18%	12106 VA		
				CONNECTED LOAD:	17436 VA
				ESTIMATED DEMAND:	15333 VA
				CONNECTED CURRENT:	48 A
				EST. DEMAND CURRENT:	43 A

NOTES:

PANELBOARD: L3

LOCATION: ELECT. ROOM 305
MOUNTING: SURFACE NEMA1
MAIN DEVICE: 150 A MAIN CB
BUS AMPS: 150
VOLTAGE: 208Y/120 V. 3 ø 4 W.
A.I.C. RATING: 10,000 AMPS SYMMETRICAL
SPECIAL:

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
REC - RM 303 COPY	20 A	1	1	1.0	0.9					2	1	20 A	REC - CORRIDOR
REC - RM 303 COPY	20 A	1	3			1.0	0.5			4	1	20 A	REC - CORRIDOR
REC - RM 303 COPY	20 A	1	5					1.0	1.2	6	1	20 A	REC - RM 325, 326
REC - RM 303 COPY	20 A	1	7	1.0	1.2					8	1	20 A	REC - RM 327, 328
REC - RM 303 COPY	20 A	1	9			1.0	0.9			10	1	20 A	REC - RM 323
FLOOR BOX - RM 302	20 A	1	11					0.2	0.2	12	1	20 A	REC - RM 323
FLOOR BOX - RM 301	20 A	1	13	0.4	1.1					14	1	20 A	REC - RM 329, 328, 327, 326
RCPT	20 A	1	15			0.5	0.9			16	1	20 A	REC - RM 321, 323, 325
A/C WALL UNIT	15 A	2	17					2.3	0.9	18	1	20 A	REC - RM 315, 317
			19	2.3	0.9					20	1	20 A	REC - RM 317, 318
DISHWASHER	20 A	1	21			1.0	0.9			22	1	20 A	REC - RM 317, 313, 314
RP-1	20 A	1	23					0.5	1.1	24	1	20 A	REC - RM 314, 315, 317, 318
REC - RM 304	20 A	1	25	0.4	0.9					26	1	20 A	REC - RM 312, 313
VTU CONTROL	20 A	1	27			0.5	0.9			28	1	20 A	REC - RM 313, 314
A/C CONFERENCE RM	25 A	2	29					1.0	0.5	30	1	20 A	EWC 3RD FLOOR
			31	1.0	0.4					32	1	20 A	REC - RM 308
REC - CORRIDOR 334	20 A	1	33			0.5	0.4			34	1	20 A	REC - RM 309
REC - CONF. 319	20 A	1	35					0.4	0.0	36	1	20 A	SPARE
SPARE	20 A	1	37	0.0	0.0					38	1	20 A	SPARE
SPARE	20 A	1	39			0.0	0.0			40	1	20 A	SPARE
SPARE	20 A	1	41					0.0	0.0	42	1	20 A	SPARE
WORKSTATION 326/OFFICES 327/337	20 A	1	43	1.3	0.0					44	1	20 A	SPARE
REC - OFFICE 333	20 A	1	45			0.7	0.0			46	1	20 A	SPARE
SPARE	20 A	1	47					0.0	0.0	48	1	20 A	SPARE
SPARE	20 A	1	49	0.0	0.0					50	1	20 A	SPARE
SPARE	20 A	1	51			0.0	0.0			52	1	20 A	SPARE
CONFERENCE 323/STORAGE 322	20 A	1	53					1.1	0.0	54	1	20 A	SPARE
SPARE	20 A	1	55	0.0	0.0					56	1	20 A	SPARE
SPARE	20 A	1	57			0.0	0.0			58	1	20 A	SPARE
SPARE	20 A	1	59					0.0	0.0	60	1	20 A	SPARE
SPARE	20 A	1	61	0.0	0.0					62	1	20 A	SPARE
SPARE	20 A	1	63			0.0	0.0			64	1	20 A	SPARE
SPARE	20 A	1	65					0.0	0.0	66	1	20 A	SPARE
SPARE	20 A	1	67	0.0	0.0					68	1	20 A	SPARE
SPARE	20 A	1	69			0.0	0.0			70	1	20 A	SPARE
SPARE	20 A	1	71					0.0	0.0	72	1	20 A	SPARE
SPARE	20 A	1	73	0.0	0.0					74	1	20 A	SPARE
SPARE	20 A	1	75			0.0	0.0			76	1	20 A	SPARE
SPARE	20 A	1	77					0.0	0.0	78	1	20 A	SPARE
SPARE	20 A	1	79	0.0	0.0					80	1	20 A	SPARE
SPARE	20 A	1	81			0.0	0.0			82	1	20 A	SPARE
SPARE	20 A	1	83					0.0	0.0	84	1	20 A	SPARE
	TOTAL LOAD:			13 kVA		10 kVA		10 kVA					
	TOTAL AMPS:			107 A		82 A		87 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	500 VA	100.00%	500 VA		
RCPT	27799 VA	67.99%	18899 VA	**CONNECTED LOAD:**	32899 VA
HEAT	4600 VA	100.00%	4600 VA	**ESTIMATED DEMAND:**	24000 VA
				CONNECTED CURRENT:	91 A
				EST. DEMAND CURRENT:	67 A

NOTES:

PANELBOARD: H1

LOCATION: ELEC 131
MOUNTING: SURFACE NEMA 1
MAIN DEVICE: 400 A MLO
BUS AMPS: 400 AMPS
VOLTAGE: 480Y/277 V. 3 ø 4 W.
A.I.C. RATING: 30,000 AMPS SYMMETRICAL
SPECIAL: EXISTING PANEL

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
VAV-1-1.1	15 A	1	1	0.6	1.9					2	1	15 A	VAV-1-1.4
VAV-1-1.2	15 A	1	3			0.6	0.0			4	1	15 A	VAV-1-1.5
VAV-1-1.3	15 A	1	5					3.4	1.4	6	1	20 A	VAV-1-1.12
EDH-1	30 A	3	7	4.0	0.5					8	1	20 A	Lighting
			9			4.0	0.6			10	1	20 A	Lighting
			11					4.0		12			
EDH-2	30 A	3	13	4.0	3.9					14	2	15 A	VAV-1-1.14
			15			4.0	3.9			16			
			17					4.0	0.0	18	1	20 A	SPARE
VAV-1-1.6	20 A	3	19	3.5	3.9					20	2	15 A	VAV-1-1.15
			21			3.5	3.9			22			
			23					3.5	0.0	24	1	20 A	SPARE
VAV-1-1.7	20 A	3	25	3.5	0.8					26	1	15 A	VAV-1-1.11
			27			3.5	0.0			28	1	20 A	SPARE
			29					3.5	0.0	30	1	20 A	SPARE
VAV-1-1.8	35 A	1	31	6.3	2.5					32	3	20 A	STU 1-2
VAV-1-1.9	20 A	1	33			3.2	2.5			34			
VAV-1-1.10	35 A	1	35					6.3	2.5	36			
EWH-4	40 A	1	37	8.0	18.0					38	3	70 A	PANEL L1
SPARE	20 A	1	39			0.0	13.2			40			
LIGHTING	20 A	1	41					0.0	11.6	42			
SPARE	20 A	1	43	0.0	0.0					44	1	20 A	SPARE
SPARE	20 A	1	45			0.0	0.0			46	1	20 A	SPARE
SPARE	20 A	1	47					0.0	0.0	48	1	20 A	SPARE
SPARE	20 A	1	49	0.0	0.0					50	1	20 A	SPARE
SPARE	20 A	1	51			0.0	0.0			52	1	20 A	SPARE
SPARE	20 A	1	53					0.0	0.0	54	1	20 A	SPARE
SPARE	20 A	1	55	0.0	0.0					56	1	20 A	SPARE
SPARE	20 A	1	57			0.0	0.0			58	1	20 A	SPARE
SPARE	20 A	1	59					0.0	0.0	60	1	20 A	SPARE
SPARE	20 A	1	61	0.0	0.0					62	1	20 A	SPARE
SPARE	20 A	1	63			0.0	0.0			64	1	20 A	SPARE
SPARE	20 A	1	65					0.0	0.0	66	1	20 A	SPARE
SPARE	20 A	1	67	0.0	0.0					68	1	20 A	SPARE
SPARE	20 A	1	69			0.0	0.0			70	1	20 A	SPARE
SPARE	20 A	1	71					0.0	0.0	72	1	20 A	SPARE
SPARE	20 A	1	73	0.0	0.0					74	1	20 A	SPARE
SPARE	20 A	1	75			0.0	0.0			76	1	20 A	SPARE
SPARE	20 A	1	77					0.0	0.0	78	1	20 A	SPARE
SPARE	20 A	1	79	0.0	0.0					80	1	20 A	SPARE
SPARE	20 A	1	81			0.0	0.0			82	1	20 A	SPARE
SPARE	20 A	1	83					0.0	0.0	84	1	20 A	SPARE
	TOTAL LOAD:			60 kVA		42 kVA		39 kVA					
	TOTAL AMPS:			218 A		153 A		142 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	90183 VA	100.00%	90183 VA		
Lighting	1034 VA	100.00%	1034 VA	**CONNECTED LOAD:**	141269 VA
Other	11600 VA	100.00%	11600 VA	**ESTIMATED DEMAND:**	130150 VA
RCPT	32961 VA	65.17%	21480 VA	**CONNECTED CURRENT:**	170 A
MOTORS	600 VA	125.00%	750 VA	**EST. DEMAND CURRENT:**	157 A

NOTES:

PANELBOARD: H2

LOCATION: ELEC. 203
MOUNTING: SURFACE NEMA 1
MAIN DEVICE: 225 A MLO
BUS AMPS: 225 AMPS
VOLTAGE: 480Y/277 V. 3 ø 4 W.
A.I.C. RATING: 30,000 AMPS SYMMETRICAL
SPECIAL: EXISTING PANEL

LOAD DESCRIPTION	BKR	P	CKT	PHASE A kVA		PHASE B kVA		PHASE C kVA		CKT	P	BKR	LOAD DESCRIPTION
VAV-2-2-1	15 A	1	1	4.6	0.6					2	1	20 A	Lighting
VAV-2-2-3	20 A	1	3			3.8				4			
VAV-2-2-5	35 A	1	5					7.0	3.6	6	3	20 A	VAV-4.4.4
VAV-2-2-6	15 A	1	7	2.5	3.6					8			
SPACE	--	--	9			0.0	3.6			10			
SPACE	--	--	11					0.0	0.0	12	1	20 A	SPARE
VAV-2-2-8	15 A	1	13	1.3	3.8					14	1	20 A	VAV-2-2-4
			15							16			
			17							18			
			19		1.9					20	1	15 A	VAV-4-4.5
SPARE	20 A	1	21			0.0				22			
SPARE	20 A	1	23					0.0		24			
SPARE	20 A	1	25	0.0						26			
SPARE	20 A	1	27			0.0				28			
SPARE	20 A	1	29					0.0		30			
SPARE	20 A	1	31	0.0						32			
SPARE	20 A	1	33			0.0				34			
SPARE	20 A	1	35					0.0	2.5	36	1	15 A	VAV-2-2-2
SPARE	20 A	1	37	0.0						38			
SPARE	20 A	1	39			0.0				40			
			41							42			
	TOTAL LOAD:			18 kVA		7 kVA		13 kVA					
	TOTAL AMPS:			69 A		27 A		50 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	25500 VA	100.00%	25500 VA		
Lighting	600 VA	100.00%	600 VA	**CONNECTED LOAD:**	38800 VA
Other	0 VA	0.00%	0 VA	**ESTIMATED DEMAND:**	38800 VA
HEAT	12700 VA	100.00%	12700 VA	**CONNECTED CURRENT:**	47 A
				EST. DEMAND CURRENT:	47 A

NOTES:

ALL PANELS EXISTING TO REMAIN

L1	L2	L3
H1	H2	H3

PANELBOARD: H3

LOCATION: ELECT. ROOM 305
MOUNTING: SURFACE NEMA 1
MAIN DEVICE: 600 A MLO
BUS AMPS: 600 AMPS
VOLTAGE: 480Y/277 V. 3 ø 4 W.
A.I.C. RATING: 30,000 AMPS SYMMETRICAL
SPECIAL:

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
VAV-3-3.5	35 A	1	1	7.1	1.6					2	1	15 A	VAV-3-3.1
VAV-3-3.7	15 A	1	3			1.9	3.8			4	1	20 A	VAV-3-3.2
VAV-3-3.8	15 A	1	5					0.8	6.3	6	1	20 A	VAV-3-3.11
HEAT	20 A	1	7	4.4	0.0					8	1	20 A	SPARE
HEAT	20 A	1	9			2.5	1.6			10	1	20 A	VAV-3-3.6
SPARE	20 A	1	11					0.0	3.8	12	3	20 A	HEAT
VAV-3-3.10	20 A	3	13	3.2	3.8					14			
			15			3.2	3.8			16			
			17					3.2	0.0	18	1	20 A	SPARE
VAV-3-3.12	20 A	1	19	0.8	0.0					20	1	20 A	SPARE
SPARE	20 A	1	21			0.0	0.0			22	1	20 A	SPARE
SPARE	20 A	1	23					0.0	1.5	24	1	20 A	LTG - CORRIDOR
VAV-3-3.3	15 A	1	25	3.3	0.0					26	1	20 A	SPARE
SPARE	20 A	1	27			0.0	1.2			28	1	20 A	LTG - RM 318, 318, 332, 333
SPARE	20 A	1	29					0.0	0.0	30	1	20 A	SPARE
VAV-3-3.4	25 A	1	31	5.1	0.0					32	1	20 A	LTG - CONFERENCE ROOM 338
SPARE	20 A	1	33			0.0	0.0			34	1	20 A	SPARE
SPARE	20 A	1	35					0.0	0.0	36	1	20 A	SPARE
VAV-4-4.1	25 A	1	37	5.1	0.0					38	1	20 A	SPARE
SPARE	20 A	1	39			0.0	0.0			40	1	20 A	SPARE
SPARE	20 A	1	41					0.0	0.0	42	1	20 A	SPARE
SPARE	20 A	1	43	0.0	0.0					44	1	20 A	SPARE
SPARE	20 A	1	45			0.0	0.0			46	1	20 A	SPARE
SPARE	20 A	1	47					0.0	0.0	48	1	20 A	SPARE
SPARE	20 A	1	49	0.0	0.0					50	1	20 A	SPARE
SPARE	20 A	1	51			0.0	0.0			52	1	20 A	SPARE
SPARE	20 A	1	53					0.0	0.0	54	1	20 A	SPARE
SPARE	20 A	1	55	0.0	0.0					56	1	20 A	SPARE
SPARE	20 A	1	57			0.0	0.0			58	1	20 A	SPARE
SPARE	20 A	1	59					0.0	0.0	60	1	20 A	SPARE
SPARE	20 A	1	61	0.0	0.0					62	1	20 A	SPARE
SPARE	20 A	1	63			0.0	0.0			64	1	20 A	SPARE
SPARE	20 A	1	65					0.0	0.0	66	1	20 A	SPARE
SPARE	20 A	1	67	0.0	0.0					68	1	20 A	SPARE
SPARE	20 A	1	69			0.0	0.0			70	1	20 A	SPARE
SPARE	20 A	1	71					0.0	0.0	72	1	20 A	SPARE
SPARE	20 A	1	73	0.0	0.0					74	1	20 A	SPARE
SPARE	20 A	1	75			0.0	0.0			76	1	20 A	SPARE
SPARE	20 A	1	77					0.0	0.0	78	1	20 A	SPARE
SPARE	20 A	1	79	0.0	0.0					80	1	20 A	SPARE
SPARE	20 A	1	81			0.0	0.0			82	1	20 A	SPARE
SPARE	20 A	1	83					0.0	0.0	84	1	20 A	SPARE
	TOTAL LOAD:			34 kVA		18 kVA		16 kVA					
	TOTAL AMPS:			125 A		66 A		56 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Lighting	2640 VA	100.00%	2640 VA		
Other	0 VA	0.00%	0 VA	**CONNECTED LOAD:**	67768 VA
HEAT	65200 VA	100.00%	65200 VA	**ESTIMATED DEMAND:**	67768 VA
				CONNECTED CURRENT:	82 A
				EST. DEMAND CURRENT:	82 A

NOTES:

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THEA TMC OFFICE RENOVATIONS

1104 E TWIGGS ST. TAMPA, FL 33602

Project number
1924

DISTRIBUTION

MILESTONE	DATE
PERMIT SET	05/07/20

ELECTRICAL PANEL SCHEDULES

E-601

PANELBOARD: NEEL

LOCATION: ELEC. 203 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 100 A MAIN CB **SPECIAL:** EXISTING PANEL
BUS AMPS: 100 AMPS

LOAD DESCRIPTION	BKR	P	CKT	PHASE A kVA		PHASE B kVA		PHASE C kVA		CKT	P	BKR	LOAD DESCRIPTION
WORKSTATIONS 333/334/335	20 A	1	1	1.1	0.8					2	1	20 A	REC - RM 310
SPARE	20 A	1	3			0.0	0.0			4	1	20 A	F/A 4009
REC - RM 331	20 A	1	5					0.5	0.0	6	1	20 A	SPARE
FLOOR BOX - RM 331	20 A	1	7	0.2	0.0					8	1	20 A	SPARE
REC - RM 331	20 A	1	9			1.0	0.0			10	1	20 A	SPARE
REC - RM 331	20 A	1	11					1.0	0.7	12	1	20 A	CUSTOMER HELP 114
PROJECTOR - RM 331	20 A	1	13	0.5	0.0					14	1	20 A	SPARE
REFRIG - RM 310	20 A	1	15			1.0	0.0			16	1	20 A	REC - RM 213
REC - COUNTER RM 310	20 A	1	17					1.0	0.0	18	1	20 A	SPARE
REC - COUNTER RM 310	20 A	1	19	1.0	0.4					20	1	20 A	RCPT
COPY ROOM 310 COPIER	20 A	1	21			1.5	0.4			22	1	20 A	COPY ROOM 310
BREAK 230 REFRIGERATOR	20 A	1	23					1.5	0.0	24	1	20 A	CONTROL BOX ON ROOF
BREAK 230 MICROWAVE	20 A	1	25	1.0	0.0					26	1	20 A	CONTROL BOX ON ROOF
BREAK 230	20 A	1	27			0.9	0.0			28	1	20 A	CONTROL BOX ON ROOF
Other	20 A	1	29					0.2	0.0	30	1	20 A	SPARE
PROJECTOR RM 235	20 A	1	31	0.5	0.0					32	1	20 A	SPARE
REC - RM 235	20 A	1	33			0.5	0.0			34	1	20 A	SPARE
FLOOR BOX - RM 235	20 A	1	35					0.4	0.0	36	1	20 A	SPARE
REC - COUNTER RM 215	20 A	1	37	1.0	0.0					38	1	20 A	SPARE
REC - RM 235	20 A	1	39			1.0	0.0			40	1	20 A	TOTAL PAC PRE ACTION 3RD FL
SPARE	20 A	1	41					0.0	0.0	42	1	20 A	TOTAL PAC PRE ACTION 3RD FL
			TOTAL LOAD:	6 kVA		6 kVA		5 kVA					
			TOTAL AMPS:	54 A		52 A		44 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Other	161 VA	100.00%	161 VA		
RCPT	14986 VA	83.36%	12493 VA	CONNECTED LOAD:	17621 VA
				ESTIMATED DEMAND:	15128 VA
				CONNECTED CURRENT:	49 A
				EST. DEMAND CURRENT:	42 A

NOTES:

PANELBOARD: NEEH

LOCATION: ELEC. 203 **VOLTAGE:** 480Y/277 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 30,000 AMPS SYMMETRICAL
MAIN DEVICE: 150 A MLO **SPECIAL:** EXISTING PANEL
BUS AMPS: 150

LOAD DESCRIPTION	BKR	P	CKT	PHASE A kVA		PHASE B kVA		PHASE C kVA		CKT	P	BKR	LOAD DESCRIPTION
			1	3.2	0.8					2			
LIEBERT COND - CU-5A	20 A	3	3			3.2	0.8			4	3	15 A	LIEBERT - AHU-5
			5					3.2	0.8	6			
			7	3.2	0.0					8			
LIEBERT COND. - CU-5	20 A	3	9			3.2	0.0			10	3	20 A	LEIBERT - AHU-5A
			11					3.2	0.0	12			
			13	0.8	0.9					14			
AHU-5B	20 A	3	15			0.8	0.9			16	3	20 A	EF-1
			17					0.8	0.9	18			
			19	0.8	0.0					20	1	20 A	SPARE
AHU-5C	15 A	3	21			0.8	0.0			22	1	20 A	SPARE
			23					0.8	0.0	24	1	20 A	SPARE
			25	10.5	6.3					26			
UPS	60 A	3	27			9.1	6.1			28	3	35 A	PANEL NEEL
			29					8.4	5.2	30			
			TOTAL LOAD:	26 kVA		25 kVA		23 kVA					
			TOTAL AMPS:	95 A		89 A		83 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	2494 VA	100.00%	2494 VA		
Other	5149 VA	100.00%	5149 VA	CONNECTED LOAD:	73441 VA
RCPT	14986 VA	83.36%	12493 VA	ESTIMATED DEMAND:	73296 VA
MOTORS	21900 VA	110.96%	24300 VA	CONNECTED CURRENT:	88 A
				EST. DEMAND CURRENT:	88 A

NOTES:

PANELBOARD: EL1

LOCATION: ELEC 131B **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 60 A MAIN CB **SPECIAL:**
BUS AMPS: 60

LOAD DESCRIPTION	BKR	P	CKT	PHASE A kVA		PHASE B kVA		PHASE C kVA		CKT	P	BKR	LOAD DESCRIPTION
FACP	20 A	1	1	0.5						2			
ELEVATOR CAB LIGHTS - A	20 A	1	3			0.8	0.0			4	1	20 A	SPARE
REC - RM 124	20 A	1	5					0.2	0.0	6	1	20 A	SPARE
ELEVATOR CAB LIGHTS - B	20 A	1	7	0.8	0.0					8	1	20 A	SPARE
REC - RM 103	20 A	1	9			0.2	0.0			10	1	20 A	SPARE
ATRIUM LIGHTING CONTACTOR	20 A	1	11					0.8	0.0	12	1	20 A	SPARE
FIRE	20 A	1	13	0.0	0.0					14	1	20 A	SPARE
SUPPRESSION	20 A	1	15			0.0	0.0			16	1	20 A	SPARE
SPARE	20 A	1	17					0.0	0.0	18	1	20 A	SPARE
SPACE	--	--	19	0.0	0.0					20			
SPACE	--	--	21			0.0	0.0			22	3	60 A	UNKNOWN
SPACE	--	--	23					0.0	0.0	24			
SPACE	--	--	25	0.0	0.0					26	--	--	SPACE
SPACE	--	--	27			0.0	0.0			28	--	--	SPACE
SPACE	--	--	29					0.0	0.0	30	--	--	SPACE
			TOTAL LOAD:	1 kVA		1 kVA		1 kVA					
			TOTAL AMPS:	11 A		8 A		8 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
RCPT	1217 VA	100.00%	1217 VA		
LITES	1601 VA	125.00%	2001 VA	CONNECTED LOAD:	3334 VA
FIRE ALARM	516 VA	100.00%	516 VA	ESTIMATED DEMAND:	3734 VA
				CONNECTED CURRENT:	9 A
				EST. DEMAND CURRENT:	10 A

NOTES:

PANELBOARD: EH2

LOCATION: ELEC. 203 **VOLTAGE:** 480Y/277 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 30,000 AMPS SYMMETRICAL
MAIN DEVICE: 60 A MLO **SPECIAL:**
BUS AMPS: 60

LOAD DESCRIPTION	BKR	P	CKT	PHASE A kVA		PHASE B kVA		PHASE C kVA		CKT	P	BKR	LOAD DESCRIPTION
SPARE	20 A	1	1	0.0	0.0					2	1	20 A	SPARE
SPARE	20 A	1	3			0.0	0.0			4	1	20 A	SPARE
SPARE	20 A	1	5					0.0	0.0	6	1	20 A	SPARE
SPARE	20 A	1	7	0.0	0.0					8	1	20 A	SPARE
SPARE	20 A	1	9			0.0	0.0			10	1	20 A	SPARE
SPARE	20 A	1	11					0.0	0.0	12	1	20 A	SPARE
EMERGENCY LIGHTING - FLOOR 2	20 A	1	13	1.2	0.7					14	1	20 A	STAIRWELL LIGHTING A & B
EMERGENCY LIGHTING - FLOOR 2	20 A	1	15			1.7	0.4			16	1	20 A	EMERGENCY LIGHTING FLOOR 1
EMERGENCY LIGHTING - FLOOR 2	20 A	1	17					1.5	0.2	18	1	20 A	EMERGENCY LIGHTING FLOOR 1
CONTROL ROOM LIGHTS - FLOOR 3	20 A	1	19	1.1	0.0					20	1	20 A	SPARE
CONTROL ROOM LIGHTS - FLOOR 3	20 A	1	21			1.1	0.0			22	1	20 A	SPARE
CONTROL ROOM LIGHTS - FLOOR 3	20 A	1	23					1.1	0.0	24	1	20 A	SPARE
EMERGENCY LIGHTING - FLOOR 3	20 A	1	25	1.9	0.0					26	1	20 A	SPARE
EMERGENCY LIGHTING - FLOOR 3	20 A	1	27			1.6	0.0			28	1	20 A	SPARE
SPARE	20 A	1	29					0.0	0.0	30	1	20 A	SPARE
			TOTAL LOAD:	5 kVA		5 kVA		3 kVA					
			TOTAL AMPS:	19 A		18 A		10 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Lighting	12377 VA	100.00%	12377 VA		
Other	0 VA	0.00%	0 VA	CONNECTED LOAD:	12377 VA
				ESTIMATED DEMAND:	12377 VA
				CONNECTED CURRENT:	15 A
				EST. DEMAND CURRENT:	15 A

NOTES:

PANELBOARD: NEL1

LOCATION: ELEC 131B **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 100 A MAIN CB **SPECIAL:** EXISTING PANEL
BUS AMPS: 100 AMPS

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
SPARE	20 A	1	1	0.0	1.0					2	1	20 A	ELEVATOR PIT REC/LTG - A
SPARE	20 A	1	3			0.0	1.0			4	1	20 A	ELEVATOR PIT REC/LTG - B
REC - GENERATOR GFI	20 A	1	5					0.2	0.8	6	1	20 A	DOORS
GATE	20 A	1	7	0.8	1.1					8	1	20 A	TIME CLOCK FRONT SIGN
REC - GENERATOR AREA	20 A	1	9			0.2	0.0			10	1	20 A	SPARE
DOORS	20 A	1	11					0.8	0.0	12	1	20 A	SPARE
REC - RM 146	20 A	1	13	0.4	0.0					14	1	20 A	SPARE
SPARE	20 A	1	15			0.0	0.0			16	1	20 A	SPARE
SPACE	--	--	17					0.0		18			
SPACE	--	--	19	0.0						20			
SPACE	--	--	21			0.0	0.5			22	2	20 A	GEN BATTERY HEATER
SPACE	--	--	23					0.0	0.5	24			
SPACE	--	--	25	0.0	0.0					26	--	--	SPACE
SPACE	--	--	27			0.0	0.0			28	--	--	SPACE
SPACE	--	--	29					0.0	0.0	30	--	--	SPACE
SPACE	--	--	31	0.0	0.0					32	--	--	SPACE
SPACE	--	--	33			0.0	0.0			34	--	--	SPACE
SPACE	--	--	35					0.0	0.0	36	--	--	SPACE
			TOTAL LOAD:	3 kVA		2 kVA		2 kVA					
			TOTAL AMPS:	28 A		14 A		20 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
RCPT	4143 VA	100.00%	4143 VA		
MOTORS	1104 VA	125.00%	1380 VA	CONNECTED LOAD:	7099 VA
LITES	2002 VA	125.00%	2502 VA	ESTIMATED DEMAND:	7856 VA
				CONNECTED CURRENT:	20 A
				EST. DEMAND CURRENT:	22 A

NOTES:

PANELBOARD: NEH1

LOCATION: ELEC 131B **VOLTAGE:** 480Y/277 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 30,000 AMPS SYMMETRICAL
MAIN DEVICE: 225 A MAIN CB **SPECIAL:** EXISTING PANEL
BUS AMPS: 225 AMPS

LOAD DESCRIPTION	BKR	P	CKT	PHASE A kVA		PHASE B kVA		PHASE C kVA		CKT	P	BKR	LOAD DESCRIPTION
			1	26.0	5.0					2	1	20 A	EXT. LITES
NEEH	150 A	3	3			24.5	6.7			4	1	20 A	EXT. LITES
			5					22.9	7.6	6	1	20 A	EXT. LITES
			7	0.0	3.2					8			
SPARE	50 A	3	9			0.0	1.6			10	3	50 A	PANEL NEL1
			11					0.0	2.3	12			
ACN LOAD CENTER (FUTURE)	90 A	2	13	17.0	0.0					14			
			15			17.0	0.0			16	3	40 A	SPARE
SPARE	20 A	1	17					0.0	0.0	18			
SPACE	--	--	19	0.0	1.0					20	1	20 A	GENERATOR YARD LIGHT
SPACE	--	--	21			0.0	0.0			22	--	--	SPACE
SPACE	--	--	23					0.0	0.0	24	--	--	SPACE
SPACE	--	--	25	0.0	0.0					26	--	--	SPACE
SPACE	--	--	27			0.0	0.0			28	--	--	SPACE
SPACE	--	--	29					0.0	0.0	30	--	--	SPACE
			TOTAL LOAD:	52 kVA		49 kVA		33 kVA					
			TOTAL AMPS:	197 A		188 A		118 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
HVAC	2494 VA	100.00%	2494 VA		
Other	38699 VA	100.00%	38699 VA	CONNECTED LOAD:	133926 VA
RCPT	19118 VA	76.15%	14559 VA	ESTIMATED DEMAND:	137360 VA
MOTORS	22899 VA	110.94%	25404 VA	CONNECTED CURRENT:	161 A
LITES	22119 VA	125.00%	27648 VA	EST. DEMAND CURRENT:	165 A

NOTES:

PANELBOARD: LUPS

LOCATION: SERVER ROOM 233 **VOLTAGE:** 208Y/120 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 10,000 AMPS SYMMETRICAL
MAIN DEVICE: 100 A MAIN CB **SPECIAL:**
BUS AMPS: 100 AMPS

LOAD DESCRIPTION	BKR	P	CKT	PHASE A kVA		PHASE B kVA		PHASE C kVA		CKT	P	BKR	LOAD DESCRIPTION
VIDEO MONITORS RM 230	20 A	1	1	1.0	1.0					2	1	20 A	REC - WORKSTATION RM 230
VIDEO MONITORS RM 230	20 A	1	3			1.0	1.0			4	1	20 A	REC - WORKSTATION RM 230
VIDEO MONITORS RM 230	20 A	1	5					1.0	1.0	6	1	20 A	REC - WORKSTATION RM 230
MONITORING DESKS	20 A	1	7	0.9	1.0					8	1	20 A	REC - WORKSTATION RM 230
MONITORING DESKS	20 A	1	9			0.9	1.0			10	1	20 A	MONITORING DESKS
MONITORING DESKS	20 A	1	11					0.6	1.0	12	1	20 A	MONITORING DESKS
REC - RM 229	20 A	1	13	0.7	1.0					14	1	20 A	MONITORING DESKS
REC - RM 233	20 A	1	15			0.6	1.0			16	1	20 A	REC - WORKSTATION RM 230
REC - RM 234	20 A	1	17					0.9	0.4	18	1	20 A	REC - RM 224
REC - RM 232, 231	20 A	1	19	0.9	0.2					20	1	20 A	REC - RM 224
REC - RM 235	20 A	1	21			0.5	0.2			22	1	20 A	REC - RM 224
REC - RM 225	20 A	1	23					0.6	1.0	24	1	20 A	RACK POWER
REC - COMM	20 A	1	25	0.9	1.0					26	1	20 A	RACK POWER
REC - COMM	20 A	1	27			0.9	1.0			28	1	20 A	RACK POWER
REC - COMM	20 A	1	29					0.9	1.0	30	1	20 A	RACK POWER
REC - COMM	20 A	1	31	0.9	1.0					32	1	20 A	RACK POWER
REC - 231	20 A	1	33			0.0	1.0			34	1	20 A	RACK POWER
REC - FLOOR	20 A	1	35					1.4	1.0	36	1	20 A	RCPT
I.C. 'A' PHASE	20 A	1	37	0.9	1.0					38	1	20 A	RCPT
I.C. 'B' PHASE	20 A	1	39			0.9	1.0			40	1	20 A	RCPT
I.C. 'C' PHASE	20 A	1	41					0.9	1.0	42	1	20 A	RCPT
			TOTAL LOAD:	12 kVA		11 kVA		13 kVA					
			TOTAL AMPS:	105 A		92 A		108 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
RCPT	36132 VA	63.84%	23066 VA		
				CONNECTED LOAD:	36132 VA
				ESTIMATED DEMAND:	23066 VA
				CONNECTED CURRENT:	100 A
				EST. DEMAND CURRENT:	64 A

NOTES:

PANELBOARD: LSH1

LOCATION: ELEC 131B **VOLTAGE:** 480Y/277 V. 3 ø 4 W.
MOUNTING: SURFACE NEMA 1 **A.I.C. RATING:** 30,000 AMPS SYMMETRICAL
MAIN DEVICE: 100 A MLO **SPECIAL:**
BUS AMPS: 100 AMPS

LOAD DESCRIPTION	BKR	P	CKT	PHASE A kVA		PHASE B kVA		PHASE C kVA		CKT	P	BKR	LOAD DESCRIPTION
			1	1.3	4.9					2			
PANEL 'EL1'	30 A	3	3			1.0	4.7			4	3	60 A	PANEL 'EH2'
			5					1.0	2.8	6			
SPARE	20 A	1	7	0.0	0.0					8	1	20 A	SPARE
SPARE	20 A	1	9			0.0	0.0			10	1	20 A	SPARE
SPARE	20 A	1	11					0.0	0.0	12	1	20 A	SPARE
SPARE	20 A	1	13	0.0	0.0					14	1	20 A	SPARE
SPARE	20 A	1	15			0.0	0.0			16	1	20 A	SPARE
SPARE	20 A	1	17					0.0	0.0	18	1	20 A	SPARE
SPARE	20 A	1	19	0.0	0.0					20	1	20 A	SPARE
SPARE	20 A	1	21			0.0	0.0			22	1	20 A	SPARE
SPARE	20 A	1	23					0.0	0.0	24	1	20 A	SPARE
SPARE	20 A	1	25	0.0	0.0					26	1	20 A	SPARE
SPARE	20 A	1	27			0.0	0.0			28	1	20 A	SPARE
SPARE	20 A	1	29					0.0	0.0	30	1	20 A	SPARE
			TOTAL LOAD:	6 kVA		6 kVA		4 kVA					
			TOTAL AMPS:	23 A		22 A		14 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
Lighting	12377 VA	100.00%	12377 VA		
Other	0 VA	0.00%	0 VA	CONNECTED LOAD:	15710 VA
RCPT	1217 VA	100.00%	1217 VA	ESTIMATED DEMAND:	16110 VA
LITES	1601 VA	125.00%	2001 VA	CONNECTED CURRENT:	19 A
FIRE ALARM	516 VA	100.00%	516 VA	EST. DEMAND CURRENT:	19 A

NOTES:

ALL PANELS EXISTING TO REMAIN

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ADAM T. POWELL
FL REG. NO. PE 73853

EMERALD ENGINEERING INC.

THEA TMC OFFICE RENOVATIONS

1104 E TWIGGS ST. TAMPA, FL 33602

Project number
1924

DISTRIBUTION

MILESTONE	DATE
PERMIT SET	05/07/20

NEEL	NEEH	EL1
EH1	NEL1	NEH1
LUPS	LSH1	

ELECTRICAL PANEL SCHEDULES

E-602

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	CCT	VOLTS	WATTS	COMMENTS	DIMMING	MOUNT
A	BIRCHWOOD	COL-LED225 1DR-1IN-SLO-SLO-35-8-MW-AS-AS-UNV-D1-WM	8' LED WALL MOUNTED LINEAR FIXTURE 2.25IN APERATURE, UPLIGHT AND DOWNLIGHT WITH ASSYMETRIC DISTRIBUTION	35K	120/277	68.8		ON/OFF	WALL
B	3G	3GRC2-15-H90-35K-60D-UNV-DIM WT-NG-BK-NC-BH	LED RECESSED 2 GIMBAL MULTIPLE, MUST HAVE 90CRI, MUST HAVE DUAL AXIS ADJUSTABILITY, 3000 LUMENS, 60 DEGREE BEAM	35K	120/277	28		0-10V	RECESSED
C	3G	3G-58RMSL 30DBL-H90-35K-60D-UNV-DIM-GYP/ GRID-NG-BK-SF70-S-36/ 39-CUSTOM	2 LIGHT ADJUSTABLE MACHINED GIMBLE LED IN RECESSED TRACK SYSTEM, 2 AXIS TILT, 3000 LUMENS, NATURAL ALUMINUM FINISH, MUST BE 90CRI, MUST HAVE SOFTENING LENS, TRACK SYSTEM MUST ALLOW FOR ARCHITECTURAL INTEGRATION OF CONCELELED SPRINKLER HEADS AND AIR RETURNS	35K	120/277	32/ea	RECESSED TRACK, 39' & 36' RUNS	0-10V	RECESSED
C1	3G	3G-58RMSL 22DBL -H90-35K-60D-UNV-DIM-GYP/ GRID-NG-BK-SF70-S-36/ 39-CUSTOM	2 LIGHT ADJUSTABLE MACHINED GIMBLE LED IN RECESSED TRACK SYSTEM, 2 AXIS TILT, 2200 LUMENS, NATURAL ALUMINUM FINISH, MUST BE 90CRI, MUST HAVE SOFTENING LENS, TRACK SYSTEM MUST ALLOW FOR ARCHITECTURAL INTEGRATION OF CONCELELED SPRINKLER HEADS AND AIR RETURNS	35K	120/277	21/ea	RECESSED TRACK, 39' & 36' RUNS	0-10V	RECESSED
D	SIGNIFY	EL-S S L 835 68 Q N XX D E R N NN FINISH W 04 R3	LED SUSPENDED LINEAR DIRECT/INDIRECT, 65% UPLIGHT /35% DOWNLIGHT, MUST BE LOW PROFILE, BATWING DISTRIBUTION UPLIGHT, MUST DIM TO 1%, 1700 LUMENS/FT	35K	120/277	13.5 W/FT	VARIOUS RUN LENGTHS, INTEGRAL DRIVER	0-10V	SUSPENDED
E	FINELITE	HPXPID RECT6X4 BS 835 WSO F VOLTAGE DC FC-10% FA50 CEILING FE	LED DIRECT INDIRECT RECTANGULAR PENDANT, 6'X4', MUST BE 2 CIRCUIT DIMMING TO INDEPENDENTLY CONTROL UPLIGHT AND DOWNLIGHT	35K	120/277	7.7W/FT	CONFERENCE ROOM PENDANT - FIXTURE TO BE WIRED FOR 2 CIRCUIT DIMMING (UPLIGHT AND DOWNLIGHT)	0-10V	SUSPENDED
F	DELRAY	UDCC-5/4/2-SILVER-W35-SR-D	LED 3 TIERED RING CHANDELIER, DIRECT/INDIRECT LIGHT, 2IN APERATURE, 5'/4'/2', 23,857 DELIVERED LUMENS, SILVER FINISH	35K	120/277	286	SUSPENDED AT VARIOUS HEIGHTS	0-10V	SUSPENDED
G	DIODE	DI-24V-TE-NBL1-35-65 / VLM60W-24-LPM	LED NEON TAPE LIGHT, TOP BENDING, CONTRACTOR TO CONFIRM RUN LENGHTS FOR DRIVER	35K	24V	1.2 W/FT	REMOTE DRIVER	ON/OFF	MILLWORK
H	DIODE	DI-12V-1571 / VLM60W-12-LPM	LED SIDE BENDING TOP EMITTING TAPE LIGHT, 217 LUMENS/FT	30K	12V	2.88 W/FT	REMOTE DRIVER	ON/OFF	WALL
J1	SIGNIFY	MG 3R 06 9 30 1 F W MD RN	LED 3" APERATURE ADJUSTABLE DOWNLIGHT, 500 LUMENS, 90CRI	30K	120	8		TRIAC	RECESSED
K1	WILLIAMS	4DRTL L15 8 35 DIM UNV O W OF CS MWT N F1	LED RECESSED DOWNLIGHT, CONTRACTOR TO VERIFY MOUNTING OPTION, 1500 LUMENS	35K	120/277	12		ON/OFF	RECESSED
K2	SIGNIFY	CR 4R10 9 35 U W / 2002P1	LED DOWNLIGHT, 1000 LUMENS	35K	120	13		ON/OFF	RECESSED
L2	WILLIAMS	LP 22 L40/835 QS DIM UNV	LED RECESSED 2X2, 4,000 LUMENS, PAINTED AFTER FABRICATION, MADE IN USA	35K	120/277	40		0-10V	RECESSED
L4	WILLIAMS	LP 24 L50/835-QS DIM UNV	LED RECESSED 2X4, 5000 LUMENS, PAINTED AFTER FABRICATION, MADE IN USA	35K	120/277	48		0-10V	RECESSED
M	FINELITE	SEREIS 18 LED ID DCO 8FT 2E V 835 OPEN VOLTAGE SC FA FE GRID	LED SUSPENDED LINEAR FIXTURE, 8' LENGTH, INDIRECT, 1104 LUMENS/FT, MADE IN USA	35K	120/277	57		0-10V	SUSPENDED
N	FINELITE	SERIES 16 LED ID DCO 36FT 2E V 835 OPEN VOLTAGE SC FA FE GRID	LED SUSPENDED LINEAR FIXTURE, 36' LENGTH, INDIRECT, 1664 LUMENS/FT, MADE IN USA	35K	120/277	14.2W/FT		0-10V	SUSPENDED
P	SIGNIFY	FSS 4 55L 835 UNV DIM FSTH	LED 4FT LENSED STRIP WITH HANGER BRACKETS	35K	120/277	45		ON/OFF	SUSPENDED
S	HE WILLIAMS	SLF 4 L98 8 40 HIA DRV UNV	LED WRAP, WALL MOUNTED, 9800 LUMENS	40K	120/276	75		ON/OFF	WALL/CEILING
SE	HE WILLIAMS	SLF 4 L98 8 40 HIA EM/10W DRV UNV	LED WRAP, WALL MOUNTED, 9800 LUMENS, INTEGRAL EMERGENCY BATTERY BACKUP	40K	120/277	75		ON/OFF	WALL/CEILING
EMERGENCY LIGHTING FIXTURE SCHEDULE									
X1	BEGHELLI	OL2-SA-LR-XX-C-CR	EDGE LIT LED EXIT SIGN					ON/OFF	RECESSED
LIGHTING CONTROLS									
	WATTSTOPPER	SEE LIGHTING CONTROL - OCCUPANCY SENSOR RISER DIAMGRAM(S) & CONTROLS DEVICES FOR SPECIFICATIONS, QUANTITIES, AND LOCATION(S).							
	ILC	SEE LIGHTING CONTROL RISER DIAMGRAM(S) AND LIGHTING CONTROLS DEVICES FOR SPECIFICATIONS, QUANTITIES, AND LOCATION(S).							

LIGHTING SCHEDULE NOTES:

THE SPECIFIED FIXTURES HAVE BEEN SELECTED BASED ON PHOTOMETRIC PERFORMANCE, ELECTRICAL CHARACTERISTICS, VISUAL COMFORT AND AESTHETIC INTERPRETATION AND AS SUCH ANY CONTRACTOR WISHING TO PROPOSE ALTERNATE FIXTURES MUST SUBMIT SUCH REQUEST, IN WRITING, FIFTEEN (15) WORK DAYS PRIOR TO BID. THE REQUEST SHALL INCLUDE TWO COMPLETE SETS OF COLOR CATALOG CUT SHEETS OF ALL FIXTURES FOR REVIEW. IN MANY CASES, SAMPLES WILL BE REQUIRED. APPROVALS SHALL ONLY BE ISSUED BY THE ARCHITECT IN THE FORM OF AN ADDENDUM TO THE BID DOCUMENTS.

CONTACT BRITTANY DYTRYCH AT SESCO LIGHTING BDYTRYCH@SESCOLIGHTING.COM 708.341.8906

MECHANICAL EQUIPMENT SCHEDULE

MARK	VOLTS	PHASE	HP	HEAT KW	FLA	SAFETY SWITCH	STARTER	FEEDER	DESCRIPTION	NOTES
RTU-1	480	3	25	-	78.4	200A/3P/NF/NEMA-3R ENCL	BY DIVISION 23	(3) #2 CU, #6 CU G., 1 1/4" C.	ROOF TOP UNIT	
RTU-2	480	3	5.25	-	31.4	60A/3P/NF/NEMA-3R ENCL	BY DIVISION 23	(3) #8 CU, #10 CU G., 3/4" C.	ROOF TOP UNIT	
RTU-3	480	3	15	-	58.4	100A/3P/NF/NEMA-3R ENCL	BY DIVISION 23	(3) #4 CU, #8 CU G., 1" C.	ROOF TOP UNIT	
RTU-4	480	3	5	-	27.7	60A/3P/NF/NEMA-3R ENCL	BY DIVISION 23	(3) #8 CU, #10 CU G., 3/4" C.	ROOF TOP UNIT	
(RP) AHU-5	480	3	-	-	2.4	30A/3P/15F/NEMA-1R ENCL	-	(3) #12 CU, #12 CU G., 1/2" C.	AIR HANDLER UNIT	
(RP) AHU-5A	480	3	-	-	2.4	30A/3P/15F/NEMA-1R ENCL	-	(3) #12 CU, #12 CU G., 1/2" C.	AIR HANDLER UNIT	
(N) AHU-5B	480	3	-	-	2.4	30A/3P/15F/NEMA-1R ENCL	-	(3) #12 CU, #12 CU G., 1/2" C.	AIR HANDLER UNIT	
(RP) CU-5	480	3	-	-	8.8	30A/3P/20F/NEMA-3R ENCL	BY DIVISION 23	(3) #12 CU, #12 CU G., 1/2" C.	CONDENSING UNIT	
(RP) CU-5A	480	3	-	-	8.8	30A/3P/20F/NEMA-3R ENCL	BY DIVISION 23	(3) #12 CU, #12 CU G., 1/2" C.	CONDENSING UNIT	
(N) CU-5B	480	3	-	-	8.8	30A/3P/20F/NEMA-3R ENCL	BY DIVISION 23	(3) #12 CU, #12 CU G., 1/2" C.	CONDENSING UNIT	
VAV-1-1.1	277	1	-	0.6	2.5	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.2	277	1	-	0.6	2.5	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.3	277	1	-	3.4	10.5	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.4	277	1	-	1.9	7.4	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.5	277	1	-	2.5	10.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.6	480	3	-	10.6	13.9	BY DIVISION 23	-	(3) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.7	480	3	-	10.6	13.9	BY DIVISION 23	-	(3) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.8	277	1	-	6.3	24.9	BY DIVISION 23	-	(2) #10 CU, #10 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.9	277	1	-	3.2	12.5	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.10	277	1	-	6.3	24.9	BY DIVISION 23	-	(2) #10 CU, #10 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.11	277	1	-	0.8	3.2	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.12	277	1	-	5.1	19.9	BY DIVISION 23	-	(2) #10 CU, #10 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.13	277	1	-	-	3.0	BY DIVISION 23		(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.14	480	1	-	7.8	10.2	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-1-1.15	480	1	-	7.8	10.2	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-2.2.1	277	1	-	4.6	17.9	BY DIVISION 23	-	(2) #10 CU, #10 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-2.2.2	277	1	-	2.5	10.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-2.2.3	277	1	-	3.8	15.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-2.2.4	277	1	-	3.8	15.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-2.2.5	277	1	-	7.0	27.4	BY DIVISION 23	-	(2) #8 CU, #10 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-2.2.6	277	1	-	2.5	10.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-2.2.7	277	1	-	-	3.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-2.2.8	277	1	-	1.3	5.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.1	277	1	-	1.6	4.6	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.2	277	1	-	3.8	15.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.3	277	1	-	2.5	10.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.4	277	1	-	5.1	19.9	BY DIVISION 23	-	(2) #10 CU, #10 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.5	277	1	-	7.1	27.9	BY DIVISION 23	-	(2) #8 CU, #10 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.6	277	1	-	1.6	4.6	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.7	277	1	-	1.9	7.4	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.8	277	1	-	0.8	3.2	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.9	480	3	-	11.4	15.0	BY DIVISION 23	-	(3) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.10	480	3	-	9.5	12.5	BY DIVISION 23	-	(3) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.11	277	1	-	6.3	24.9	BY DIVISION 23	-	(2) #8 CU, #10 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-3.3.12	277	1	-	0.8	3.2	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-4.4.1	277	1	-	5.1	19.9	BY DIVISION 23	-	(2) #10 CU, #10 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-4.4.2	277	1	-	4.4	17.4	BY DIVISION 23	-	(2) #10 CU, #10 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-4.4.3	277	1	-	2.5	10.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-4.4.4	480	3	-	10.8	14.1	BY DIVISION 23	-	(3) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
VAV-4.4.5	277	1	-	2.5	10.0	BY DIVISION 23	-	(2) #12 CU, #12 CU G., 1/2" C.	VARIABLE AIR VOLUME	
EWH-1	208	1	-	3	14.4	30A/2P/NF/NEMA-1R ENCL	-	(2) #12 CU, #12 CU G., 1/2" C.	ELECTRIC WATER HEATER	

NOTES
(1)
(2)

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ELECTRICAL SCHEDULES

E-701

ALTERNATE 3 :: PROVIDE ALTERNATE PRICING FOR REPLACEMENT OF THE LIGHTING FIXTURES IN UNRENOVATED SPACES AS SHOWN ON DRAWING. ROOMS AFFECTED:

103
105
106
108
109
115 THRU 118
122 THRU 124
126
127
130
131
1311B
139
140

1 LEVEL 1 - DEMO FLOOR ELECTRICAL PLAN
1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE THE SITE PRIOR TO CONSTRUCTION TO ASCERTAIN THE EXISTING CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. COORDINATE SEQUENCING WITH OWNER AND OTHER CONTRACTORS.
3. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN THE INTEGRITY OF REMAINING DEVICES AND EQUIPMENT. ANY SUCH CONNECTIONS SHALL BE CONCEALED UNLESS LOCATED IN UNFINISHED AREAS.
4. DISCONNECT, REMOVE OR RELOCATE ALL EXISTING ELECTRICAL MATERIAL AND EQUIPMENT THAT INTERFERES WITH NEW INSTALLATION. THIS INCLUDES BUT IS NOT LIMITED TO PANELS, LIGHTING FIXTURES, WIRING DEVICES, SIGNAL EQUIPMENT, EXHAUST FANS, BASEBOARD HEATERS, UNIT HEATERS, ETC.
5. ALL REMOVED EQUIPMENT SHALL BE DISPOSED OF BY THIS CONTRACTOR UNLESS DIRECTED TO DO OTHERWISE BY THE OWNER.
6. WHERE WORK BY THE GENERAL CONTRACTOR (WALL REMOVAL, NEW OR RELOCATED WALL OPENINGS, ETC.) RESULTS IN THE REMOVAL, RELOCATION OR REFEEDINGS OF ELECTRICAL DEVICES OR LIGHTING FIXTURES, THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND RECONNECT AS REQUIRED ALL ACTIVE DEVICES REMAINING.
7. WHERE CONDUIT TO BE REMOVED STUBS THROUGH FLOORS, WALLS, AND CEILINGS, SUCH CONDUIT SHALL BE REMOVED TO THE POINT WHERE THE FINISH SURFACES CAN BE PATCHED ADEQUATELY SO THAT NO EVIDENCE
8. OF THE FORMER INSTALLATION REMAINS.
9. ANY EXISTING PANEL HOME-RUNS, WHICH WILL REMAIN WITHIN THE AREA, MAY BE RETAINED AND USED AS PART OF THE NEW CIRCUITRY OR REMAIN AS SPARE EMPTY CONDUIT. SUCH EMPTY CONDUITS SHALL BE MARKED AS TO PANEL AND END LOCATIONS. EXISTING OUTLET BOXES CONDUIT WHICH ARE LOCATED PROPERLY FOR NEW WORK MAY BE REUSED FOR NEW DEVICES AND WIRE.
10. ALL CUTTING, CORING AND PATCHING REQUIRED FOR ELECTRICAL WORK SHALL BE BY THE ELECTRICAL CONTRACTOR.
11. ALL CONDUIT AND WIRE REMOVED SHALL BE TAKEN BACK TO THE SOURCE OF SUPPLY UON.
12. REMOVE ALL RECEPTACLES, LIGHT FIXTURES, SWITCHES, BOXES, DEVICES ETC. IN THE PROJECT AREA MADE UNNECESSARY BY DEMOLITION.
13. REMOVE ALL TELEPHONE/DATA WIRING MADE UNNECESSARY BY DEMOLITION BACK TO SOURCE. REFER TO ARCHITECTURAL PLANS FOR AREAS AFFECTED BY DEMOLITION WORK.
14. VERIFY CIRCUIT CONTINUITY TO DEVICES SCHEDULED TO REMAIN. EXTEND WIRING AND RECONNECT AS REQUIRED.

POWER SHEET KEYNOTES

1 EXISTING LIGHITNG FIXTURES IN DEMOLITION AREA TO BE REMOVED. PROTECT EXISTING LIGHTING CIRCUIT TO BE EXTENDED TO NEW FIXTURE IN ADJACENT LOCATION. REFER TO INSTALLATION PLAN FOR NEW LIGHTING LAYOUT. EXTEND WIRING AS REQUIRED.

2 EXISTING LIGHTING FIXTURES IN THIS AREA/ROOM TO BE REPLACED. PROTECT LIGHTING CIRCUIT TO BE RECONNECTED TO NEW FIXTURE IN SAME LOCATION.

3 LIGHTING CONTROLS IN THE ROOM SHALL REMAIN AS-IS.

4 CONTRACTOR SHALL REMOVE ALL WALL LIGHT SWITCHES IN THIS ROOM UNLESS OTHERWISE NOTED AS WALLS BEING DEMOLISHED. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT WALLS/CEILING BEING DEMOLISHED. CONTRACTOR SHALL REMOVE ALL CONDUIT, WIRE, BACKBOXES OF ALL REMOVED DEVICES.

5 TYPICAL, DISCONNECT AND REMOVE RECEPTACLES IN WALLS SCHEDULED TO BE DEMOLISHED. REMOVE WIRING AND CONDUIT BACK TO NEAREST J-BOX. VERIFY CIRCUIT CONTINUITY TO REMAINING DEVICES. PROTECT CIRCUIT TO BE EXTENDED TO NEW DEVICE DURING INSTALLATION WORK.

6 TYPICAL, EXISTING FIRE ALARM NOTIFICATION DEVICES IN WALLS SCHEDULED TO BE DEMOLISHED TO BE REMOVED DURING RENOVATION WORK. PROTECT TO BE REINSTALLED IN ADJACENT LOCATION. PROTECT ALL FIRE ALARM CIRCUITS. FA SYSTEM SHALL REMAIN OPERATIONAL AND TROUBLE FREE DURING THIS WORK.

7 PROTECT AND MAINTAIN EXISTING ELECTRICAL EQUIPMENT.

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LEVEL 1 - DEMO FLOOR ELECTRICAL PLAN

ED-101

ALTERNATE 3 :: PROVIDE ALTERNATE PRICING FOR REPLACEMENT OF THE LIGHTING FIXTURES IN UNRENOVATED SPACES AS SHOWN ON DRAWING. ROOMS AFFECTED:

- 203
- 204
- 205B
- 206
- 207
- 209 THRU 213
- 218 THRU 220
- 223 THRU 226
- 231 THRU 242

1 LEVEL 2 - DEMO FLOOR ELECTRICAL PLAN
1/8" = 1'-0"

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POWER SHEET KEYNOTES

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7. PROTECT AND MAINTAIN EXISTING ELECTRICAL EQUIPMENT.
8. REMOVE POWER AND DATA CONNECTION TO MODULAR FURNITURE.

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THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ADAM T. POWELL, PE USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND ANY SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPY.

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LEVEL 2 - DEMO FLOOR ELECTRICAL PLAN

ED-102

ALTERNATE 3 :: PROVIDE ALTERNATE PRICING FOR REPLACEMENT OF THE LIGHTING FIXTURES IN UNRENOVATED SPACES AS SHOWN ON DRAWING. ROOMS AFFECTED:

304 THRU 306
308
309
314 THRU 317
321 THRU 323
325
327 THRU 330

1 LEVEL 3 - DEMO FLOOR ELECTRICAL PLAN
1/8" = 1'-0"

GENERAL DEMOLITION NOTES

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7. WHERE CONDUIT TO BE REMOVED STUBS THROUGH FLOORS, WALLS, AND CEILINGS, SUCH CONDUIT SHALL BE REMOVED TO THE POINT WHERE THE FINISH SURFACES CAN BE PATCHED ADEQUATELY SO THAT NO EVIDENCE
8. OF THE FORMER INSTALLATION REMAINS.
9. ANY EXISTING PANEL HOME-RUNS, WHICH WILL REMAIN WITHIN THE AREA, MAY BE RETAINED AND USED AS PART OF THE NEW CIRCUITRY OR REMAIN AS SPARE EMPTY CONDUIT. SUCH EMPTY CONDUITS SHALL BE MARKED AS TO PANEL AND END LOCATIONS. EXISTING OUTLET BOXES CONDUIT WHICH ARE LOCATED PROPERLY FOR NEW WORK MAY BE REUSED FOR NEW DEVICES AND WIRE.
10. ALL CUTTING, CORING AND PATCHING REQUIRED FOR ELECTRICAL WORK SHALL BE BY THE ELECTRICAL CONTRACTOR.
11. ALL CONDUIT AND WIRE REMOVED SHALL BE TAKEN BACK TO THE SOURCE OF SUPPLY UON.
12. REMOVE ALL RECEPTACLES, LIGHT FIXTURES, SWITCHES, BOXES, DEVICES ETC. IN THE PROJECT AREA MADE UNNECESSARY BY DEMOLITION.
13. REMOVE ALL TELEPHONE/DATA WIRING MADE UNNECESSARY BY DEMOLITION BACK TO SOURCE. REFER TO ARCHITECTURAL PLANS FOR AREAS AFFECTED BY DEMOLITION WORK.
14. VERIFY CIRCUIT CONTINUITY TO DEVICES SCHEDULED TO REMAIN. EXTEND WIRING AND RECONNECT AS REQUIRED.

POWER SHEET KEYNOTES

1. EXISTING LIGHITNG FIXTURES IN DEMOLITION AREA TO BE REMOVED. PROTECT EXISTING LIGHTING CIRCUIT TO BE EXTENDED TO NEW FIXTURE IN ADJACENT LOCATION. REFER TO INSTALLATION PLAN FOR NEW LIGHTING LAYOUT. EXTEND WIRING AS REQUIRED.
2. EXISTING LIGHTING FIXTURES IN THIS AREA/ROOM TO BE REPLACED. PROTECT LIGHTING CIRCUIT TO BE RECONNECTED TO NEW FIXTURE IN SAME LOCATION.
3. LIGHTING CONTROLS IN THE ROOM SHALL REMAIN AS-IS.
4. CONTRACTOR SHALL REMOVE ALL WALL LIGHT SWITCHES IN THIS ROOM UNLESS OTHERWISE NOTED AS WALLS BEING DEMOLISHED. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT WALLS/CEILING BEING DEMOLISHED. CONTRACTOR SHALL REMOVE ALL CONDUIT, WIRE, BACKBOXES OF ALL REMOVED DEVICES.
5. TYPICAL, DISCONNECT AND REMOVE RECEPTACLES IN WALLS SCHEDULED TO BE DEMOLISHED. REMOVE WIRING AND CONDUIT BACK TO NEAREST J-BOX. VERIFY CIRCUIT CONTINUITY TO REMAINING DEVICES. PROTECT CIRCUIT TO BE EXTENDED TO NEW DEVICE DURING INSTALLATION WORK.
6. TYPICAL, EXISTING FIRE ALARM NOTIFICATION DEVICES IN WALLS SCHEDULED TO BE DEMOLISHED TO BE REMOVED DURING RENOVATION WORK. PROTECT TO BE REINSTALLED IN ADJACENT LOCATION. PROTECT ALL FIRE ALARM CIRCUITS. FA SYSTEM SHALL REMAIN OPERATIONAL AND TROUBLE FREE DURING THIS WORK.
7. PROTECT AND MAINTAIN EXISTING ELECTRICAL EQUIPMENT.
8. REMOVE POWER AND DATA CONNECTION TO MODULAR FURNITURE.

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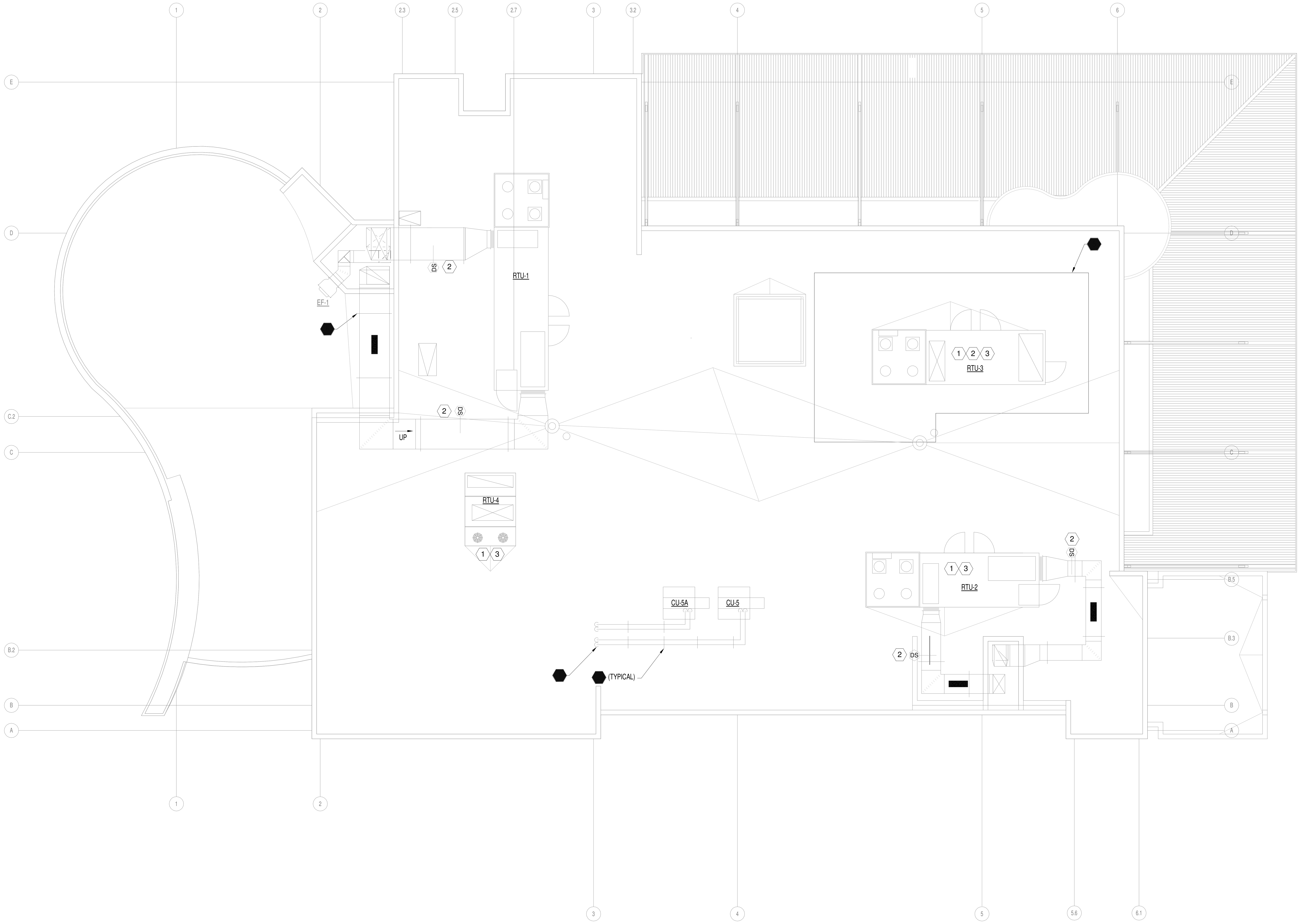
LEVEL 3 - DEMO FLOOR ELECTRICAL PLAN

ED-103



1 **ROOF DEMO ELECTRICAL PLAN**
1/8" = 1'-0"

GENERAL DEMOLITION NOTES

1. ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE THE SITE PRIOR TO CONSTRUCTION TO ASCERTAIN THE EXISTING CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
2. COORDINATE SEQUENCING WITH OWNER AND OTHER CONTRACTORS.
3. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN THE INTEGRITY OF REMAINING DEVICES AND EQUIPMENT. ANY SUCH CONNECTIONS SHALL BE CONCEALED UNLESS LOCATED IN UNFINISHED AREAS.
4. DISCONNECT, REMOVE OR RELOCATE ALL EXISTING ELECTRICAL MATERIAL AND EQUIPMENT THAT INTERFERES WITH NEW INSTALLATION. THIS INCLUDES BUT IS NOT LIMITED TO PANELS, LIGHTING FIXTURES, WIRING DEVICES, SIGNAL EQUIPMENT, EXHAUST FANS, BASEBOARD HEATERS, UNIT HEATERS, ETC.
5. ALL REMOVED EQUIPMENT SHALL BE DISPOSED OF BY THIS CONTRACTOR UNLESS DIRECTED TO DO OTHERWISE BY THE OWNER.
6. WHERE WORK BY THE GENERAL CONTRACTOR (WALL REMOVAL, NEW OR RELOCATED WALL OPENINGS, ETC.) RESULTS IN THE REMOVAL, RELOCATION OR REFEEDINGS OF ELECTRICAL DEVICES OR LIGHTING FIXTURES, THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND RECONNECT AS REQUIRED ALL ACTIVE DEVICES REMAINING.
7. WHERE CONDUIT TO BE REMOVED STUBS THROUGH FLOORS, WALLS, AND CEILINGS, SUCH CONDUIT SHALL BE REMOVED TO THE POINT WHERE THE FINISH SURFACES CAN BE PATCHED ADEQUATELY SO THAT NO EVIDENCE
8. OF THE FORMER INSTALLATION REMAINS.
9. ANY EXISTING PANEL HOME-RUNS, WHICH WILL REMAIN WITHIN THE AREA, MAY BE RETAINED AND USED AS PART OF THE NEW CIRCUITRY OR REMAIN AS SPARE EMPTY CONDUIT. SUCH EMPTY CONDUITS SHALL BE MARKED AS TO PANEL AND END LOCATIONS. EXISTING OUTLET BOXES CONDUIT WHICH ARE LOCATED PROPERLY FOR NEW WORK MAY BE REUSED FOR NEW DEVICES AND WIRE.
10. ALL CUTTING, CORING AND PATCHING REQUIRED FOR ELECTRICAL WORK SHALL BE BY THE ELECTRICAL CONTRACTOR.
11. ALL CONDUIT AND WIRE REMOVED SHALL BE TAKEN BACK TO THE SOURCE OF SUPPLY UON.
12. REMOVE ALL RECEPTACLES, LIGHT FIXTURES, SWITCHES, BOXES, DEVICES ETC. IN THE PROJECT AREA MADE UNNECESSARY BY DEMOLITION.
13. REMOVE ALL TELEPHONE/DATA WIRING MADE UNNECESSARY BY DEMOLITION BACK TO SOURCE. REFER TO ARCHITECTURAL PLANS FOR AREAS AFFECTED BY DEMOLITION WORK.
14. VERIFY CIRCUIT CONTINUITY TO DEVICES SCHEDULED TO REMAIN. EXTEND WIRING AND RECONNECT AS REQUIRED.

POWER SHEET KEYNOTES

1. EXISTING ROOF TOP UNIT TO BE REPLACED BY MECHANICAL CONTRACTOR. DISCONNECT AND REMOVE POWER. PROTECT CIRCUIT TO BE REINSTALLED TO NEW UNIT IN SAME LOCATION.
2. DISCONNECT AND REMOVE EXISTING DUCT MOUNTED SMOKE DETECTOR. PROTECT TO BE REINSTALLED TO NEW DUCT DURING NEW UNIT INSTALLATION.
3. DISCONNECT AND REMOVE EXISTING SHUTDOWN RELAY. PROTECT TO BE REINSTALLED TO NEW UNIT.

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ROOF DEMO ELECTRICAL PLAN

ED-104

FIRE PROTECTION DESIGN CRITERIA

FAC CHAPTER 61G15-32 DESIGN OF FIRE PROTECTION SYSTEMS

61G15-32.003:

(1) ENGINEERING REQUIREMENTS:
THESE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS (ENGINEER OF RECORD) INDICATE THE NATURE AND SCOPE OF THE WORK, AND DESCRIBE, DETAIL, DIMENSION, LABEL AND DEFINE THE FIRE PROTECTION COMPONENTS, SYSTEMS(S), MATERIALS, ASSEMBLIES, EQUIPMENT AND ITS STRUCTURAL AND UTILITY SUPPORT SYSTEM(S), INSOFAR AS THEY INVOLVE THE SAFEGUARDING OF LIFE, HEALTH AND PROPERTY. THE FIRE SPRINKLER CONTRACTOR SHALL USE THESE DRAWINGS TO CREATE THEIR FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS, PERFORM HYDRAULIC CALCULATIONS, AND COMPLETE SUBMITTALS. THE FIRE SPRINKLER CONTRACTOR SHALL SUBMIT THEIR DOCUMENTS FOR LOCAL PERMIT.

(2) ACCEPTANCE TESTING:
REFER TO FIRE PROTECTION CODE CRITERIA ON THIS SHEET.

(3) OCCUPANCY CLASSIFICATIONS:
REFER TO ITEM (2C) BELOW.

(4) APPLICABLE CODES:
REFER TO FIRE PROTECTION CODE CRITERIA ON THIS SHEET.

(5) STRUCTURAL SUPPORT:
STRUCTURAL SUPPORT AND STRUCTURAL OPENINGS FOR THE FIRE PROTECTION SYSTEM INCLUDING LIVE AND DEAD LOADS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER. STEEL SLEEVES SHALL BE SET PRIOR TO CONCRETE PLACEMENT TO PROVIDE FOR PENETRATION OF FIRE PROTECTION PIPING THROUGH THE FLOORS OR ROOF STRUCTURE. COORDINATE ANY CORE DRILLING AS MAY BE REQUIRED. ALL PENETRATIONS SHALL BE PROPERLY FIRE-CAULKED, AS REQUIRED.

(6) DEVIATIONS:
FIRE SPRINKLER CONTRACTOR FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS SHALL NOT CONTAIN SIGNIFICANT DEVIATION FROM THESE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS.

(7) ACTIVATION CONTROL SYSTEMS:
CONTROL SYSTEMS IN THE BUILDING ARE EXISTING AND NOT MODIFIED IN THIS SCOPE OF WORK.

61G15-32.004:

(2a) POINT OF SERVICE:
EXISTING TO REMAIN AND NOT MODIFIED AS PART OF THIS PROJECT.

(2b) APPLICABLE CODES:
REFER TO FIRE PROTECTION CODE CRITERIA ON THIS SHEET.

(2c) OCCUPANCY CLASSIFICATIONS:
OFFICES, LOBBIES, CORRIDORS, AND SIMILAR AREAS SHALL BE DESIGNED PER LIGHT HAZARD OCCUPANCY, WITH A MINIMUM DENSITY OF 0.10 GPM OVER THE HYDRAULICALLY MOST DEMANDING 1500 SQUARE FEET OR PER NFPA 13, 11.2.3.2.3. SPACING BETWEEN STANDARD COVERAGE SPRINKLERS SHALL BE A MINIMUM OF 6' AND A MAXIMUM OF 15' (225 SQUARE FEET) AND PER MANUFACTURER'S LITERATURE FOR EXTENDED COVERAGE SPRINKLERS.

MECHANICAL, ELECTRICAL ROOMS, AND SIMILAR AREAS SHALL BE DESIGNED PER ORDINARY HAZARD GROUP I OCCUPANCY, WITH A MINIMUM DENSITY OF 0.15 GPM OVER THE HYDRAULICALLY MOST DEMANDING 1500 SQUARE FEET OR PER NFPA 13, 11.2.3.2.3. SPACING BETWEEN STANDARD COVERAGE SPRINKLERS SHALL BE A MINIMUM OF 6' AND A MAXIMUM OF 15' (130 SQUARE FEET) AND PER MANUFACTURER'S LITERATURE FOR EXTENDED COVERAGE SPRINKLERS.

(2d) DESIGN APPROACH:
THE EXISTING BUILDING IS A 3 STORY OFFICE BUILDING AND IS HYDRAULICALLY-CALCULATED, FULLY-AUTOMATIC, WET/DRY PIPE SYSTEM INSTALLED THROUGHOUT.

(2e) WATER SUPPLY CHARACTERISTICS:
EXISTING TO REMAIN AND NOT MODIFIED AS PART OF THIS PROJECT.

(2f) FLOW TEST INFORMATION:
TO BE OBTAINED BY FIRE SPRINKLER CONTRACTOR.

(2g) VALVING AND ALARM REQUIREMENTS:
EXISTING TO REMAIN AND NOT MODIFIED AS PART OF THIS PROJECT.

(2h) MIC RISK EVALUATION:
IN ACCORDANCE WITH 23.1.5 NFPA-13 (2010): WATER SUPPLY AND ENVIRONMENTAL CONDITIONS SHALL BE EVALUATED FOR THE EXISTENCE OF MICROBES AND CONDITIONS THAT CONTRIBUTE TO MICROBIOLOGICALLY INFLUENCED CORROSION (MIC). WHERE CONDITIONS ARE FOUND THAT CONTRIBUTE TO MIC, THE OWNER SHALL NOTIFY THE SPRINKLER SYSTEM INSTALLER AND A PLAN SHALL BE DEVELOPED TO TREAT THE SYSTEM USING ONE OF THE FOLLOWING METHODS:
(1) INSTALL WATER PIPE THAT WILL NOT BE AFFECTED BY THE MIC MICROBES;
(2) TREAT ALL THE WATER THAT ENTERS THE SYSTEM USING AN APPROVED BIOCIDE;
(3) IMPLEMENT AN APPROVED PLAN FOR MONITORING THE INTERIOR CONDITIONS OF THE PIPE ESTABLISHED TIME INTERVALS AND LOCATIONS.

(2i) BACKFLOW PREVENTION DETAILS:
EXISTING TO REMAIN AND NOT MODIFIED AS PART OF THIS PROJECT.

(2j) COMPONENT SPECIFICATIONS:
MAIN PIPING SHALL BE GROOVED SCHEDULE 10 BLACK STEEL WITH GROOVED FITTINGS. BRANCH PIPING SHALL BE THREADED SCHEDULE 40 WITH THREADED CAST IRON FITTINGS OR GROOVED SCHEDULE 10 BLACK STEEL WITH GROOVED FITTINGS. ALL COMPONENTS TO BE UL AND FM LISTED MATERIALS FOR FIRE PROTECTION.

(2k) FIRE PUMP:
NO FIRE PUMP EXISTS AND A NEW ONE IS NOT REQUIRED.

(2l) FIREWATER STORAGE TANK:
A FIREWATER STORAGE TANK IS NOT EXISTING AND NOT REQUIRED FOR THIS PROJECT.

(2m) OWNER'S CERTIFICATE:
TO BE PROVIDED BY OWNER.

FIRE PROTECTION GENERAL NOTES

NO EXCLUSIONS FROM OR LIMITATIONS IN THE LANGUAGE USED IN THE CONTRACT DOCUMENTS SHALL BE INTERPRETED AS MEANING THAT THE EQUIPMENT, APPURTENANCES, AND/OR ACCESSORIES NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM ARE NOT TO BE PROVIDED AS REQUIRED. THE SEPARATE DIVISIONAL CONTRACT DOCUMENTS DO NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY TO PROVIDE THE WORK WHICH IS INDICATED ON ANY OF THE DIVISIONAL CONTRACT DOCUMENTS. REVIEW AND COORDINATE THE SCOPE OF WORK WITH ALL DOCUMENTS AND TRADES TO ASSURE A COMPLETE AND FUNCTIONAL SYSTEM IS BID AND INSTALLED.

THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED TO COMMENCE AND COMPLETE FIRE PROTECTION WORK.

SUBMIT FULL SUBMITTALS OF ALL FIRE PROTECTION EQUIPMENT AND MATERIALS TO THE ENGINEER FOR REVIEW, WHETHER IT IS EXACTLY AS SPECIFIED OR NOT. FOR ALL EQUIPMENT WHICH HAS BEEN SCHEDULED DIRECTLY ON THE DESIGN DRAWINGS, PROVIDE WITHIN THE SUBMITTAL A PERFORMANCE SCHEDULE FOR THE PROPOSED EQUIPMENT IN THE SAME FORMAT AS INCLUDED ON THE DRAWINGS. FAILURE TO PROVIDE REQUIRED PERFORMANCE SCHEDULE WILL RESULT IN REJECTION OF THE ENTIRE SUBMITTAL.

BIND COMPLETE SUBMITTALS IN A THREE RING BINDER(S) WITH A TITLE SHEET AND IDENTIFICATION ON FRONT AND SIDE OF THE BINDER. CONTACT ENGINEER FOR PRIOR APPROVAL TO SUBMIT PDF EMAILED SUBMITTALS. SUBMIT ALL FIRE PROTECTION PRODUCTS SUBMITTALS ALL AT ONE TIME. PARTIAL SUBMITTALS WILL NOT BE ACCEPTED FOR REVIEW AND APPROVAL. INDEX ALL ITEMS AS APPLICABLE. SUBMITTALS THAT DEVIATE FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL LIST ALL DIFFERENCES IN A COVER LETTER ATTACHED TO FRONT OF THE SUBMITTAL. ANY UNLISTED DEVIATIONS FOUND DURING REVIEW WILL RESULT IN THE REJECTION OF THE ENTIRE SUBMITTAL. FOR ITEMS REVIEWED AND MARKED "REJECTED" OR "REVISE AND RESUBMIT", ONLY ONE ADDITIONAL RE-SUBMITTAL WILL BE REVIEWED TO VERIFY PRODUCT COMPLIANCE WITH THE CONTRACT DOCUMENTS. SHOULD FURTHER SUBMITTALS BE REQUIRED BY THE ENGINEER TO VERIFY THE SUBMITTAL WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, THE HOURLY RATE OF $150.00 WILL BE BILLED TO THE CONTRACTOR FOR THE ENGINEER'S TIME SPENT ON THE REVIEW.

THE CONTRACT DOCUMENTS AND SUBMITTALS OF ALL TRADES SHALL BE COORDINATED AND BE VIEWED IN CONNECTION AND CONJUNCTION WITH EACH OTHER TO INSURE THE PROPER LOCATION AND INSTALLATION OF ALL DEVICES AND EQUIPMENT. MAKE PARTICULAR NOTE OF LOCATIONS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL FLOOR PLANS AND ELEVATIONS.

FIRE PROTECTION DRAWINGS INDICATE THE SCHEMATIC LAYOUT AND LOCATION OF THE FIRE PROTECTION SYSTEM COMPONENTS. UNLESS SPECIFIC DIMENSIONS ARE NOTED, THE ACTUAL LOCATION OF THESE COMPONENTS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR IN COORDINATION WITH THE WORK OF OTHER TRADES, THE USE OF MANUFACTURER'S SUBMITTALS, AND SIMILAR CERTIFIED DATA.

CONTRACTOR SHALL CONDUCT A THOROUGH SITE VISIT INSPECTION PRIOR TO BID TO EXAMINE EXISTING CONDITIONS.

THE SCHEDULING OF ALL WORK AND SHUTDOWNS OF ALL EXISTING SERVICES SHALL BE COORDINATED WITH THE OWNER TO THEIR SATISFACTION. THE OWNER RESERVES THE RIGHT TO DENY THE USE OF ANY TOOLS DUE TO NOISE.

ALL FIRE PROTECTION EQUIPMENT INSTALLED OUTDOORS SHALL BE SECURED TO ITS SUPPORT AS DETAILED BY THE STRUCTURAL ENGINEER FOR THE REQUIRED WIND LOAD DESIGN

ALL EXTERIOR EXPOSED MATERIALS SHALL BE CONSTRUCTED OF NON-FERROUS MATERIALS AND BE PAINTED WITH TWO COATS OF RUST INHIBITOR PAINT.

INSTALL AND TEST ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN ADEQUATE SERVICE SPACE AS REQUIRED. SERVICE SPACE SHALL BE CLEAR OF DUCTS, PIPES, CONDUITS, WALL STUDS, CEILING HANGERS, AND ANY OTHER CONSTRUCTION APPURTENANCE.

ALL FIRE PROTECTION EQUIPMENT SHALL BE LABELED WITH ENGRAVED, LAMINATED, PLASTIC SIGNS. SIGNS SHALL BE 1/8" THICK AND A MINIMUM OF 1-3/4" HIGH WITH 1" HIGH LETTERS. LENGTH OF THE SIGN SHALL BE THE SUM OF THE LETTERS/NUMBERS PLUS 3/4" ON EACH END. EXTERIOR SIGNS SHALL BE UV RATED, DESIGNATED AND MANUFACTURED TO BE EXPOSED TO THE ELEMENTS.

LOCATION OF FIRE PROTECTION SENSORS SHALL BE COORDINATED WITH THE OTHER TRADES FOR A NEAT APPEARANCE. FINAL LOCATION OF THE SENSORS SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

AT PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 8 HOURS OF TRAINING ON THE OPERATION AND MAINTENANCE OF THE FIRE PROTECTION EQUIPMENT.

CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON PARTS AND LABOR FROM THE DATE OF SUBSTANTIAL COMPLETION.

PROVIDE SPRINKLERS UNDER ALL EXPOSED DUCTWORK OR OBSTRUCTIONS OVER 48" WIDE AND SPACE SPRINKLERS AROUND ALL OBSTRUCTIONS IN ACCORDANCE WITH NFPA 13.

REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING DESCRIPTIONS AND HEIGHT.

UNLESS DIRECTED OTHERWISE, SPRINKLERS SHALL BE CENTERED IN THE CEILING TILE AS INDICATED ON THE DRAWINGS. PROVIDE RETURN BENDS OR SWING JOINTS AS REQUIRED.

SPRINKLERS SHALL BE COORDINATED WITH ALL CEILINGS, LIGHTS, DIFFUSERS, SPEAKERS, FIRE ALARM DEVICES, AND MISCELLANEOUS CEILING SYSTEMS. SPACING OF SPRINKLERS SHALL BE IN ACCORDANCE WITH REQUIRED CODES AND THE LISTING OF THE SPRINKLER.

PROVIDE SPRINKLER CAGES ON ALL EXPOSED SPRINKLER HEADS IN ELECTRIC ROOMS, MECHANICAL ROOMS, IDF ROOMS ON ANY SPRINKLER HEAD LESS THAN 7'-0" ABOVE FLOOR.

PROJECT INCLUDES INSTALLATION OF NEW DUCTWORK AND ELECTRICAL CONDUITS. FIRE SPRINKLER CONTRACTOR SHALL OFFSET ANY EXISTING SPRINKLER PIPING AS MAY BE REQUIRED FOR INSTALLATION OF THE NEW SYSTEMS.

SPRINKLER LEGEND

- NEW RECESSED
- NEW CONCEALED
- EXISTING CONCEALED
- EXISTING RECESSED
- EXISTING UPRIGHT
- EXISTING SIDEWALL

FIRE PROTECTION CODE CRITERIA

THE FOLLOWING IS A LIST OF ALL CODES ADOPTED DECEMBER 31, 2017 BY THE STATE FIRE MARSHALL'S RULE 69A3.012 F.A.C.:
- * FLORIDA BUILDING CODE 6TH EDITION (2017) - ALL SECTIONS
- * FLORIDA ENERGY EFFICIENCY CODE (FBC 2017), FLORIDA ENERGY CODE SOFTWARE: ENERGYGAUGE USA VERSION 6.00
- * FLORIDA FIRE PREVENTION CODE 6TH EDITION (2017)

69A-3.012 STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION ADOPTED.
(1) EXCEPT AS SPECIFICALLY MODIFIED BY STATUTE OR BY THE STATE FIRE MARSHAL'S RULES, THE "FLORIDA FIRE PREVENTION CODE, 6TH EDITION (2017)," WHICH IS COMPRISED OF THE FLORIDA SPECIFIC EDITION OF NFPA 101, THE LIFE SAFETY CODE (2015 EDITION) AND THE FLORIDA SPECIFIC EDITION OF NFPA 1, THE FIRE CODE (2015 EDITION), ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S. IN ADDITION, THE FOLLOWING STANDARDS, EXCEPT AS SPECIFICALLY MODIFIED IN THE RULE CHAPTERS IN RULE TITLE 69A, ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND SHALL TAKE EFFECT ON THE EFFECTIVE DATE OF THIS RULE, AS A PART OF THE UNIFORM FIRE SAFETY STANDARDS ADOPTED BY RULE BY THE STATE FIRE MARSHAL AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S.:
- * NFPA 13, 2013 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
- * NFPA 25, 2014 EDITION, STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS
- * NFPA 70, 2014 EDITION, NATIONAL ELECTRIC CODE
- * NFPA 72, 2013 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE
- * NFPA 241, 2013 EDITION, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS

OTHER:
- * LOCAL CODES AND ORDINANCES

NOTE: TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THESE FIRE PROTECTION DESIGN DRAWINGS COMPLY WITH THE ABOVE CODE CRITERIA. WHEN TWO OR MORE CODES OR STANDARDS ARE IN CONFLICT, THE MORE STRINGENT SHALL APPLY.

FIRE PROTECTION SYMBOLS

Symbol	Description
	REVISION NUMBER - SHOWN ON PLANS
- / ---	NUMBER OF DETAIL ON SHEET NUMBER OF SHEET WHERE DETAIL APPEARS
1	KEYNOTE
	CONTINUATION SYMBOL
Room 1	ROOM NAME AND NUMBER
2" OR EX-2"	PIPE SIZE TAG (DIAMETER). "EX" DENOTES "EXISTING"
	ABOVE GROUND PIPING
1/8" / 12" SLOPE	PIPE SLOPE TAG
	BELOW GROUND PIPING
INV. ELEV:-5' - 1"	PIPE INVERT ELEVATION TAG
	PIPE DROP PIPE RISE PIPE TEE CAP
	EXISTING PIPING TO BE DEMOLISHED
	CONNECT TO EXISTING
	DEMO AT THIS POINT
1	HYDRAULIC CALC NODES

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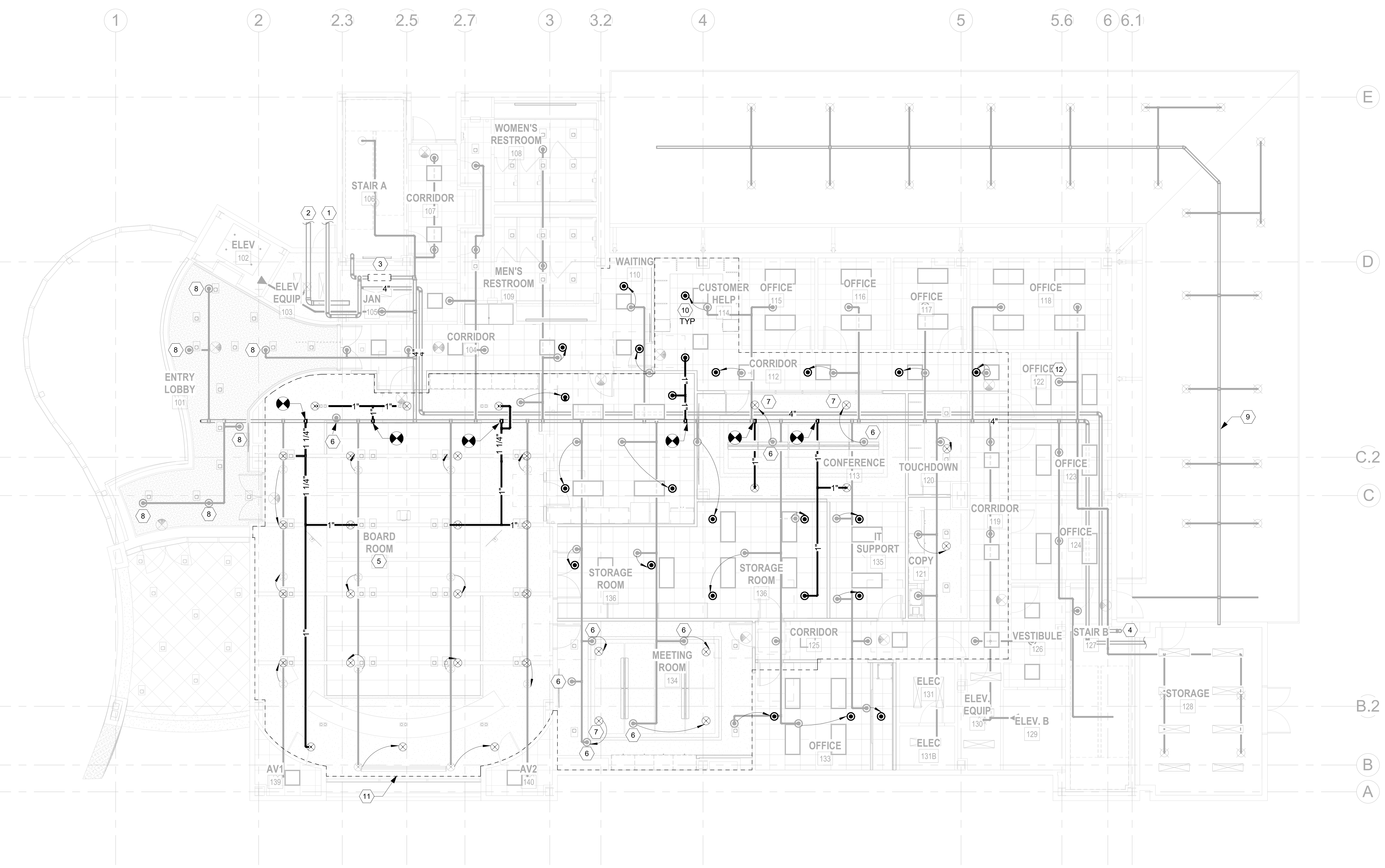
LEGENDS, NOTES, AND ABBREVIATIONS

F-000

Keynote Legend

Key Value	Keynote Text
1	EXISTING 4" TO FIRE DEPARTMENT CONNECTION.
2	EXISTING 6" UNDERGROUND FIRE SERVICE.
3	EXISTING SPRINKLER FLOOR CONTROL VALVE W/ TAMPER SWITCH, TEST AND DRAIN VALVE TO REMAIN.
4	EXISTING 4" STANDPIPE TO REMAIN.
5	NEW SPRINKLER HEADS IN BOARD ROOM TO BE COORDINATED WITH INTERGRATED CEILING SYSTEM (WITHIN THE SLOTS).
6	EXISTING HEAD TO BE DEMOLISHED.
7	REPLACE RECESSED HEADS IN CONFERENCE ROOM WITH NEW CONCEALED RECESSED HEAD.
8	REPLACE RECESSED HEADS WITH NEW CONCEALED RECESSED HEADS.
9	EXISTING DRY PIPE SPRINKLER SYSTEM SERVING EXTERIOR PARKING CANOPY TO REMAIN.
10	RELOCATE AND REPLACE EXISTING SPRINKLER HEAD, TYPICAL.
11	DASHED LINES INDICATE AREAS WITH NEW CEILINGS.
12	EXISTING HEAD TO REMAIN, TYPICAL.



1 LEVEL 1 - FLOOR FIRE PROTECTION PLAN

1/8" = 1'-0"

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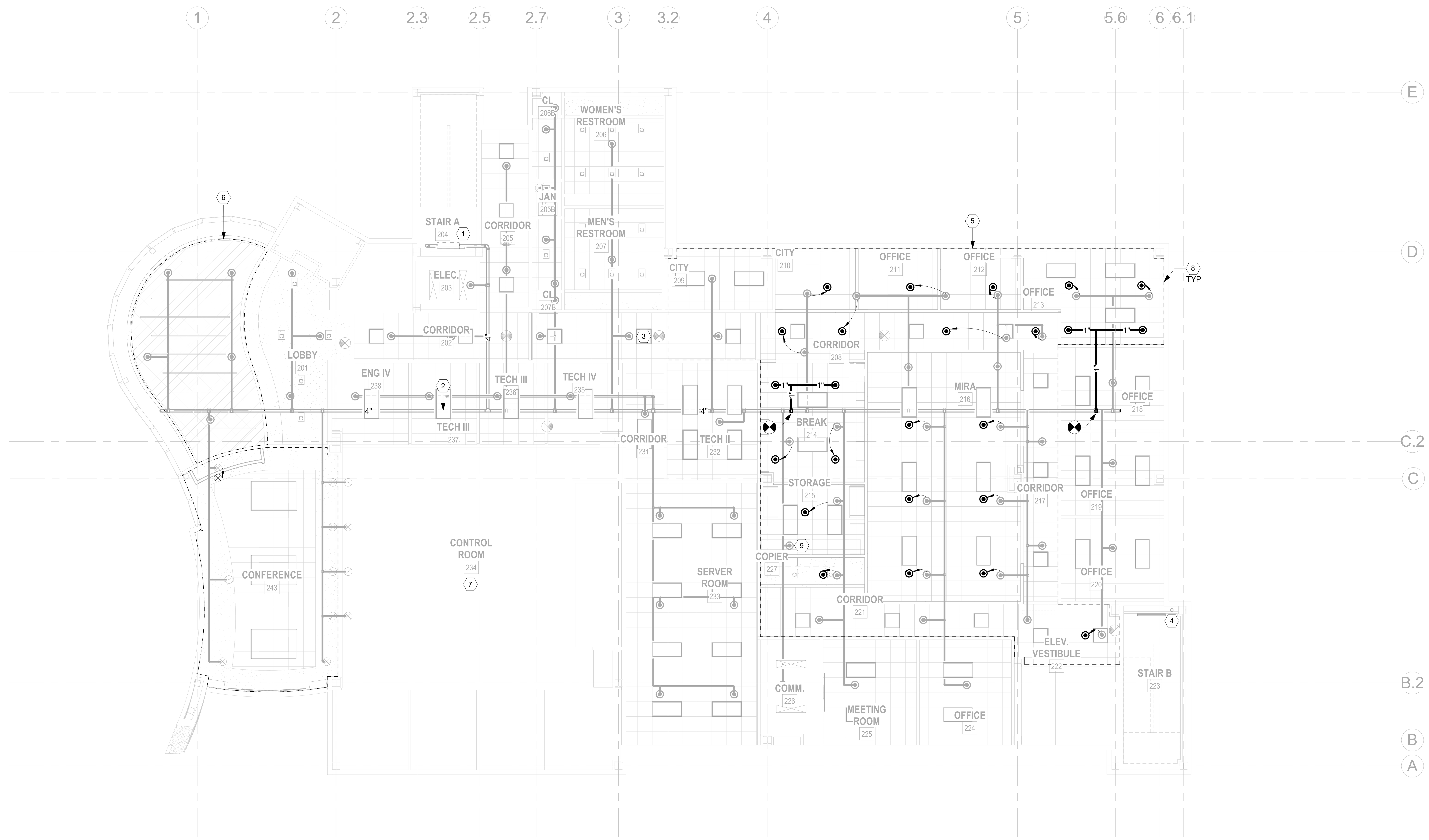
LEVEL 1 - FLOOR FIRE PROTECTION PLAN

F-101



1 LEVEL 2 - FLOOR FIRE PROTECTION PLAN

1/8" = 1'-0"

Keynote Legend

Key Value	Keynote Text
1	EXISTING SPRINKLER FLOOR CONTROL VALVE W/ TAMPER SWITCH, TEST AND DRAIN VALVE TO REMAIN.
2	EXISTING FIRE MAIN LINE TO REMAIN.
3	EXISTING HEAD TO REMAIN. TYPICAL.
4	EXISTING 4" STANDPIPE TO REMAIN.
5	FIRE PROTECTION CONTRACTOR TO DEMOLISH ANY EXISTING SPRINKLER HEADS IN THE AREA BEING REMODELED. PROVIDE NEW SPRINKLER HEADS TO ACCOMMODATE NEW WALLS. PROVIDE COMPLETE SPRINKLER COVERAGE IN ALL ROOMS AS REQUIRED. NEW SPRINKLER HEADS SHALL MATCH ALL EXISTING HEADS IN THE AREA.
6	REMOVE AND PRESERVE EXISTING HEADS DURING DEMOLISHING OF EXISTING CEILING TILE. RE-INSTALLED EXISTING HEADS IN NEW TILES.
7	SEE THIRD FLOOR FOR EXISTING HEADS IN THIS ROOM.
8	DASHED LINES INDICATE AREAS WITH NEW CEILINGS.
9	EXISTING HEAD TO BE DEMOLISHED.

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THEA TMC OFFICE RENOVATIONS

1104 E TWIGGS ST. TAMPA, FL 33602

Project number
1924

DISTRIBUTION

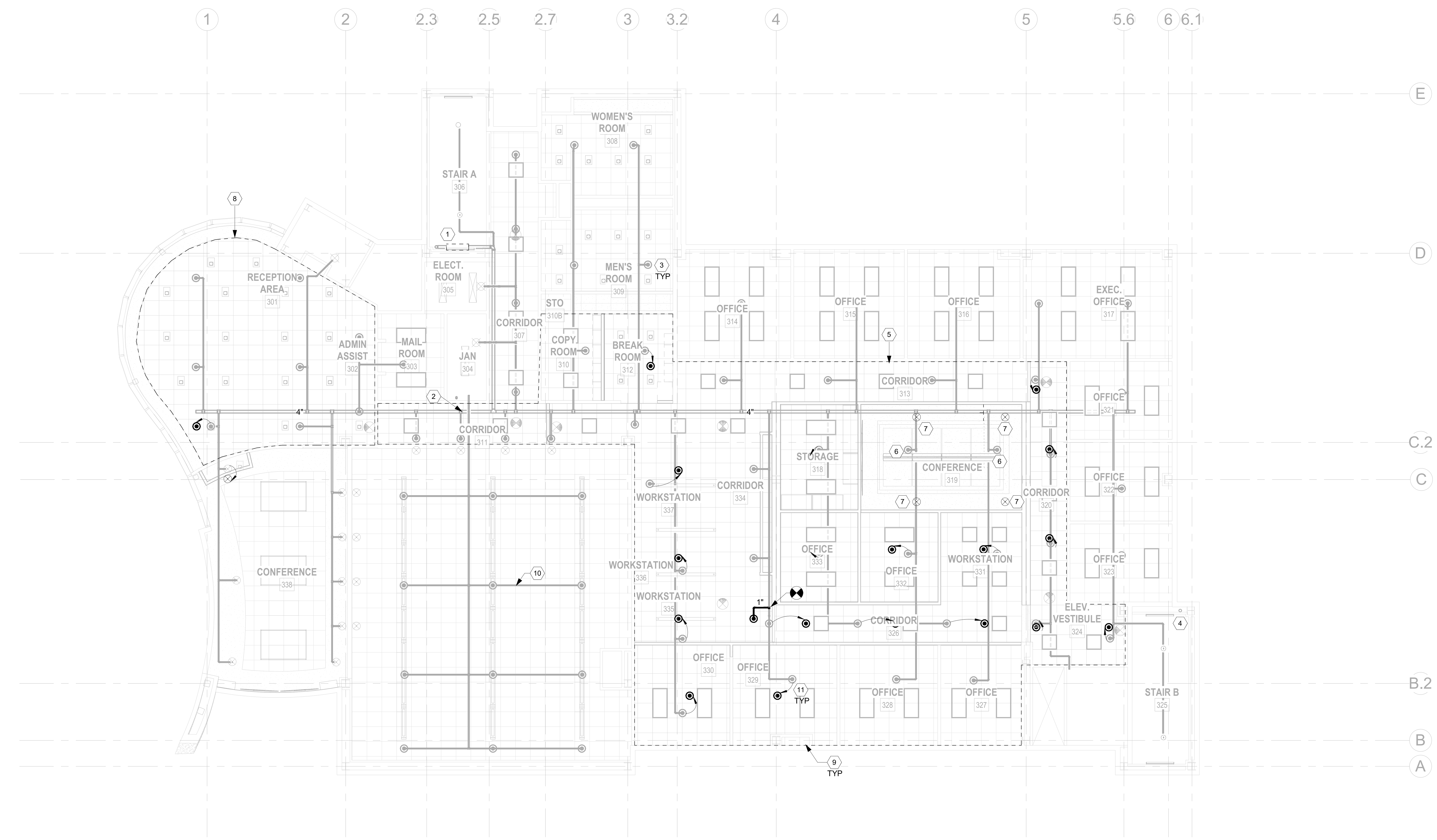
MILESTONE	DATE
PERMIT SET	5-7-2020

LEVEL 2 - FLOOR FIRE PROTECTION PLAN

F-102

Keynote Legend

Key Value	Keynote Text
1	EXISTING SPRINKLER FLOOR CONTROL VALVE W/ TAMPER SWITCH, TEST AND DRAIN VALVE TO REMAIN.
2	EXISTING FIRE MAIN LINE TO REMAIN.
3	EXISTING HEAD TO REMAIN. TYPICAL.
4	EXISTING 4" TO FIRE DEPARTMENT CONNECTION.
5	FIRE PROTECTION CONTRACTOR TO DEMOLISH ANY EXISTING SPRINKLER HEADS IN THE AREA BEING REMODELED. PROVIDE NEW SPRINKLER HEADS TO ACCOMMODATE NEW WALLS. PROVIDE COMPLETE SPRINKLER COVERAGE IN ALL ROOMS AS REQUIRED. NEW SPRINKLER HEADS SHALL MATCH ALL EXISTING HEADS IN THE AREA.
6	EXISTING HEAD TO BE DEMOLISHED.
7	REPLACE RECESSED HEADS IN CONFERENCE ROOM WITH NEW CONCEALED RECESSED HEAD.
8	REMOVE AND PRESERVE EXISTING HEADS DURING DEMOLISHING OF EXISTING CEILING TILE. RE-INSTALLED EXISTING HEADS IN NEW TILES.
9	DASHED LINES INDICATE AREAS WITH NEW CEILINGS.
10	EXISTING PREACTION SYSTEM SERVING CONTROL ROOM 234 TO REMAIN.
11	RELOCATE AND REPLACE EXISTING HEAD, TYPICAL.



1 LEVEL 3 - FLOOR FIRE PROTECTION PLAN
1/8" = 1'-0"

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LEVEL 3 - FLOOR FIRE PROTECTION PLAN

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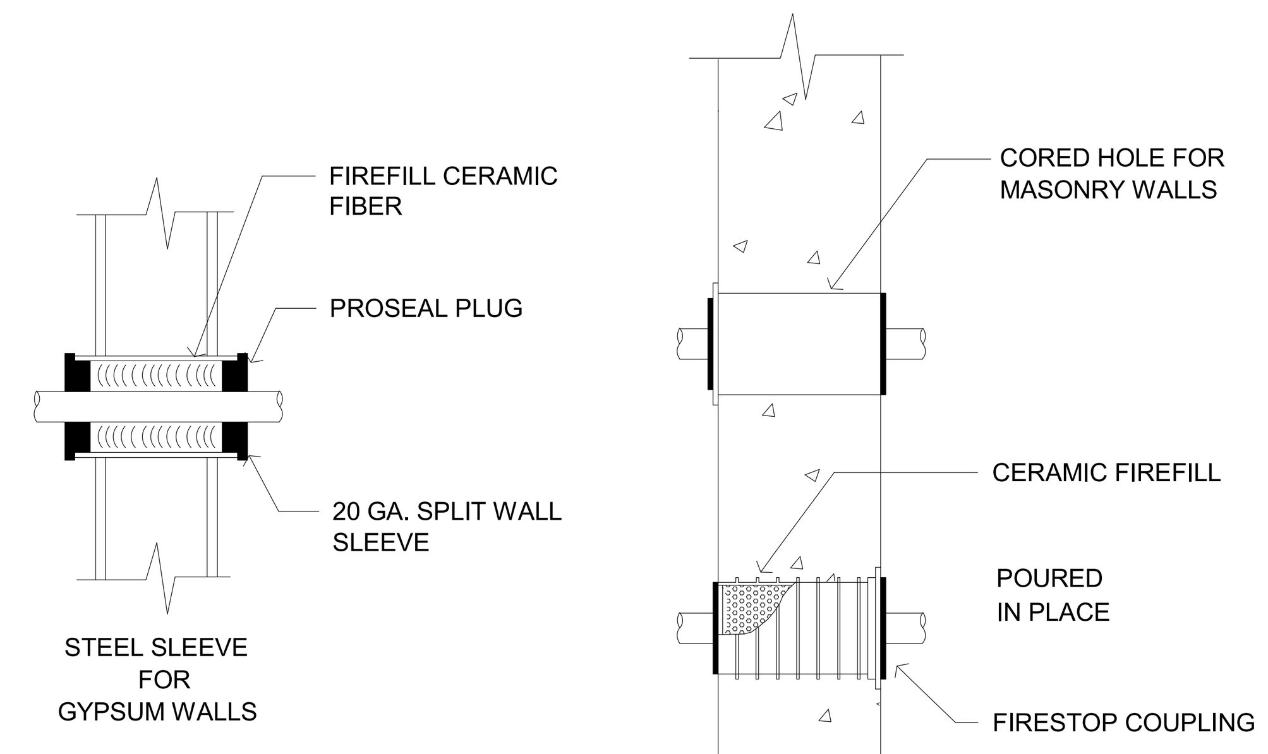
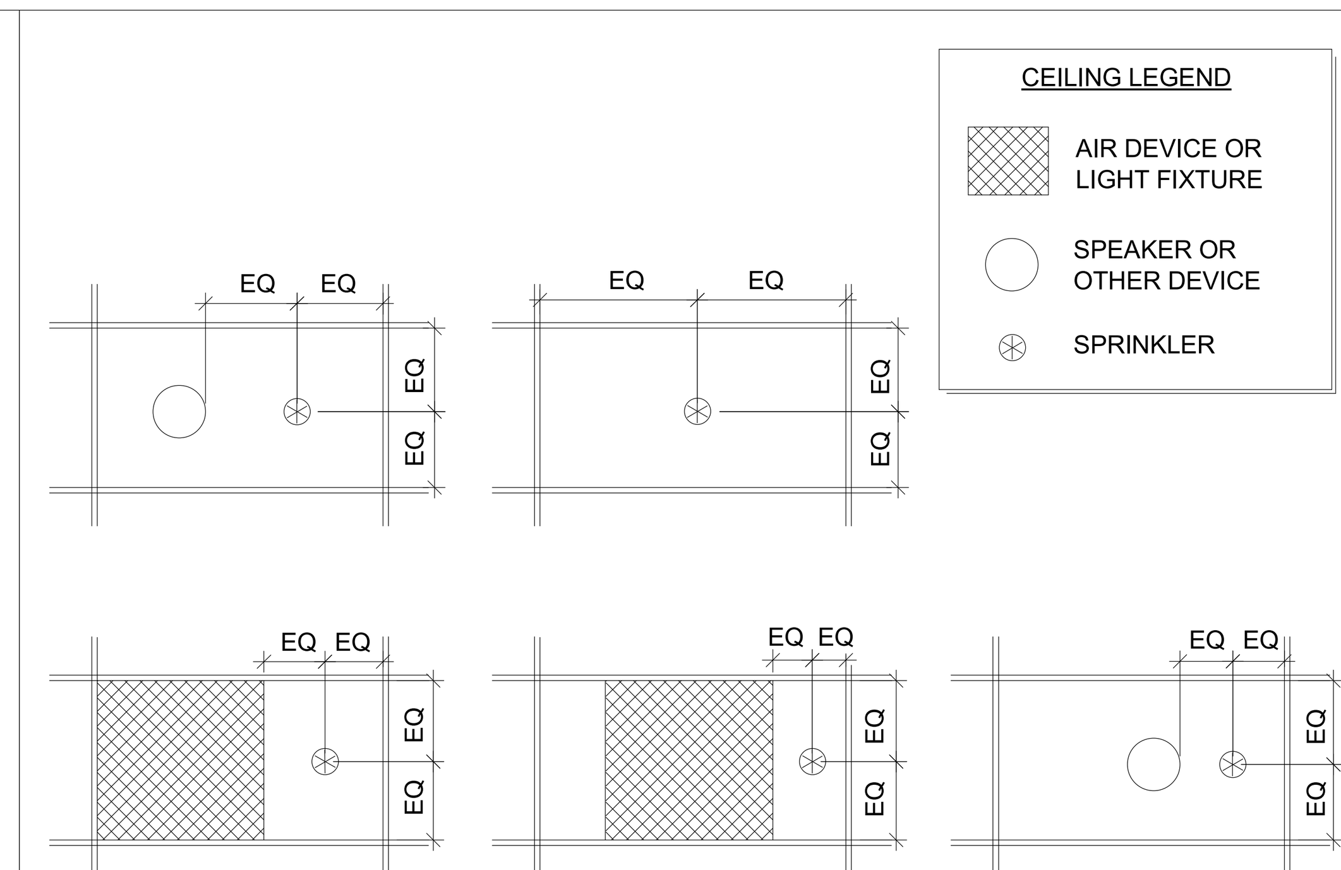


SLEEVES & FIRESTOPPING

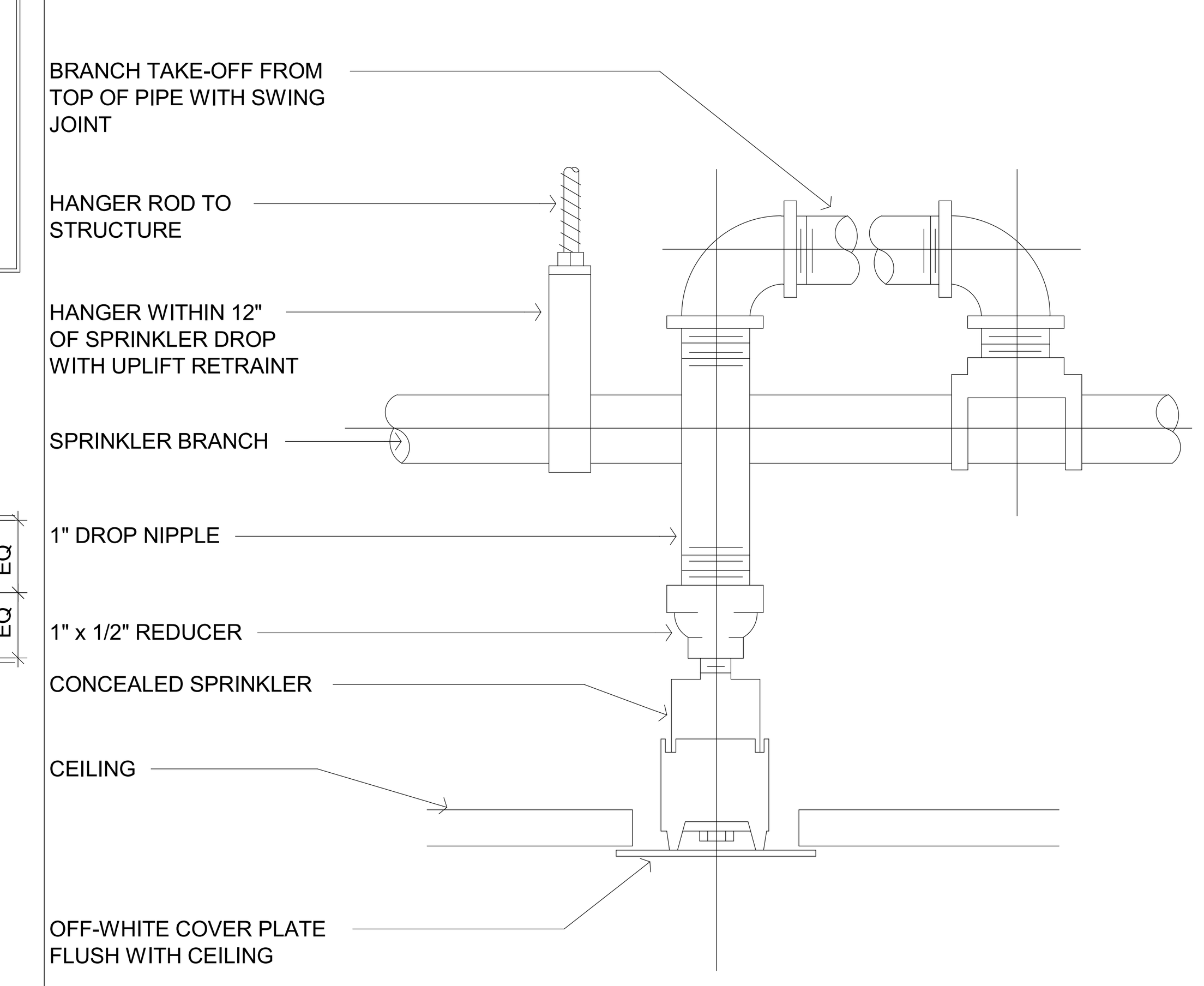
USE PROSET "FIRESTOP PENETRATORS," U.L. CLASSIFIED IN THE BUILDING MATERIALS DIRECTORY, TESTED BY ASTM E814. USE ALL APPLICABLE PIPE PENETRATIONS THROUGH FIRE RATED WALLS OR FLOOR CEILING ASSEMBLIES IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

FIRE RATED WALL SLEEVING SYSTEM

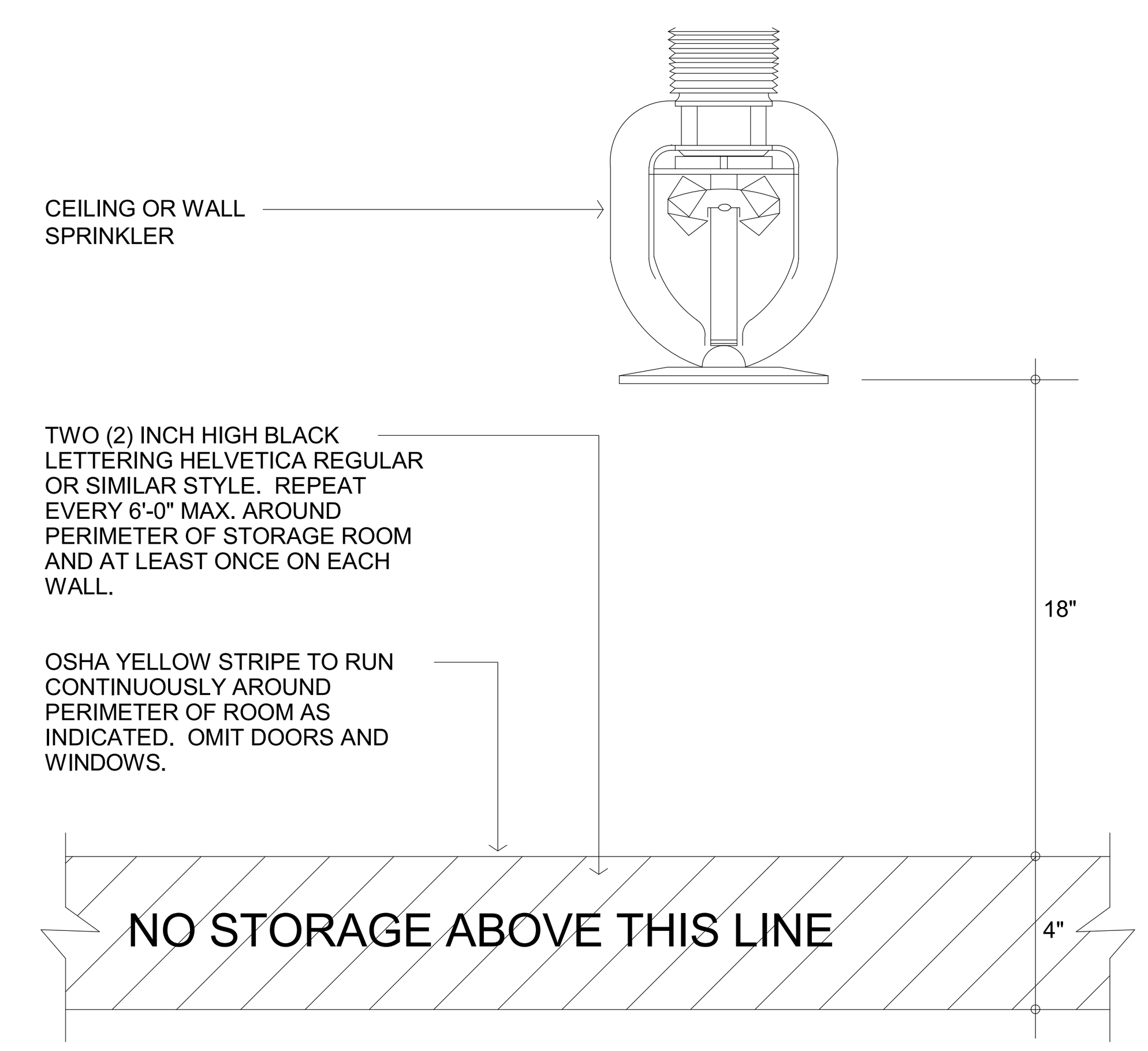


SPRINKLERS IN GRID CEILING SYSTEMS SHALL BE LOCATED AT THE MIDPOINT OR QUARTERPOINT OF THE FOUR FOOT (4') DIMENSION AND THE MIDPOINT OF THE TWO FOOT (2') DIMENSION. WHERE A CONFLICT OCCURS, SYMMETRY ABOUT THE AXIS SHALL BE MAINTAINED.

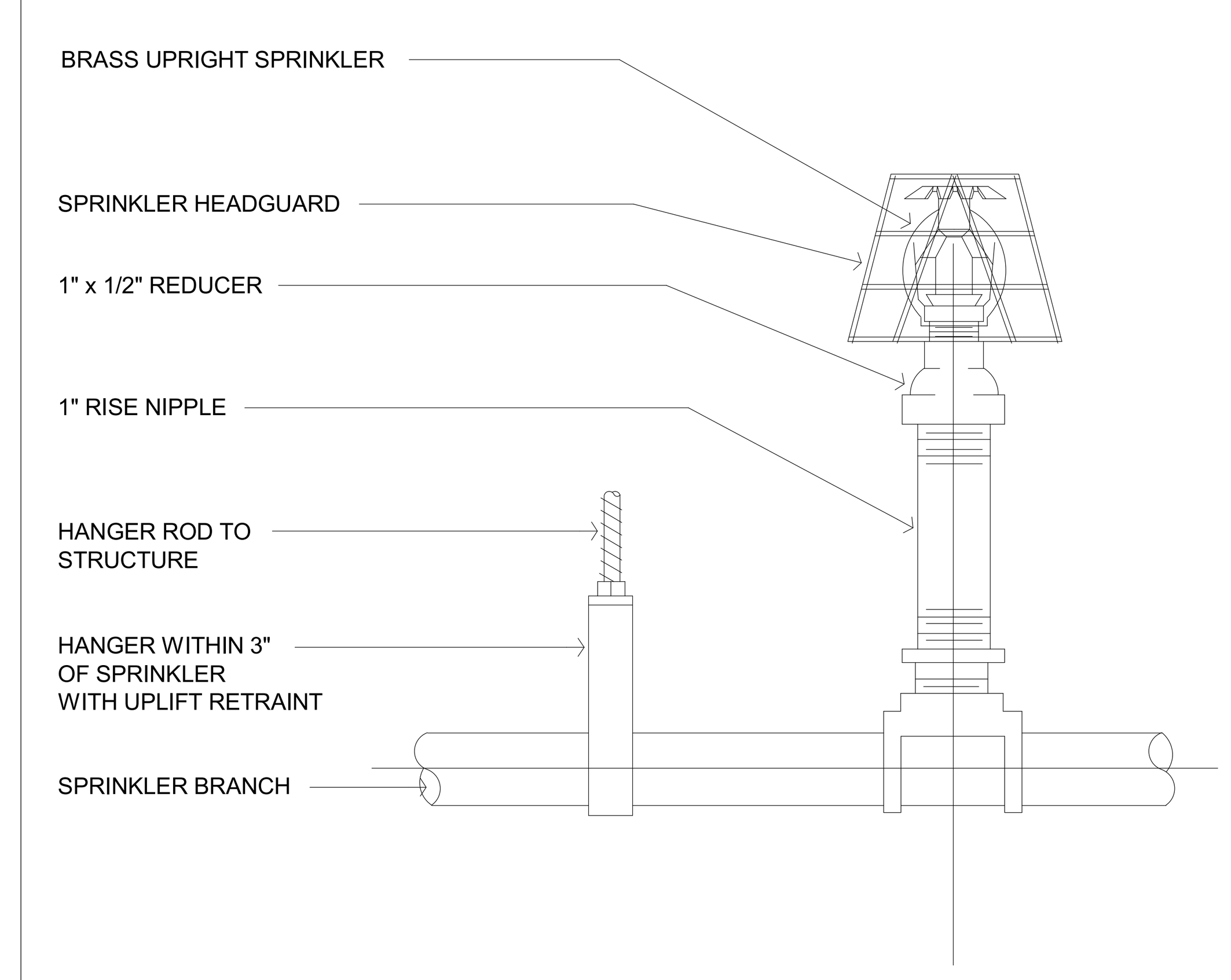
SPRINKLER MOUNTING



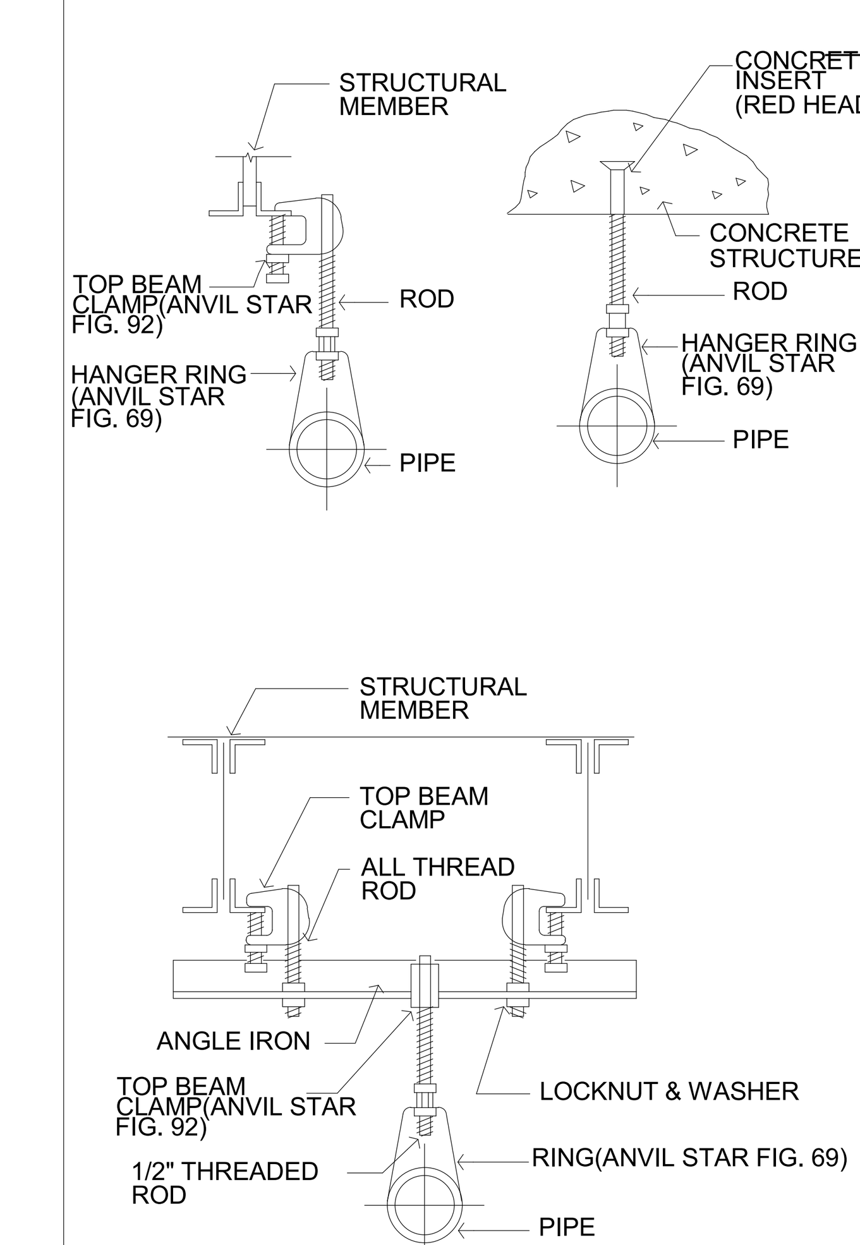
TYPICAL CONCEALED SPRINKLER



STORAGE LIMITS LINE



TYPICAL UPRIGHT SPRINKLER



HANGER REQUIREMENTS

1. ON BRANCH LINES, THERE SHALL BE NOT LESS THAN ONE HANGER FOR EACH LENGTH OF PIPE.

2. THE DISTANCE BETWEEN THE HANGER AND CENTERLINE OF AN UPRIGHT SPRINKLER SHALL NOT BE LESS THAN THREE INCHES (3"0.

3. THE UNSUPPORTED LENGTH BETWEEN THE END SPRINKLER AND THE LAST HANGER SHALL BE NOT MORE THAN 36 INCHES FOR 1-INCH PIPE, OR 48 INCHES FRO 1-1/4" PIPE AND 60 INCHES FOR 1-1/2" PIPE AND LARGER. WHEN THESE LIMITS ARE EXCEEDED, THE PIPE SHALL BE EXTENDED BEYOND THE END SPRINKLER AND SUPPORTED BY AN ADDITIONAL HANGER.

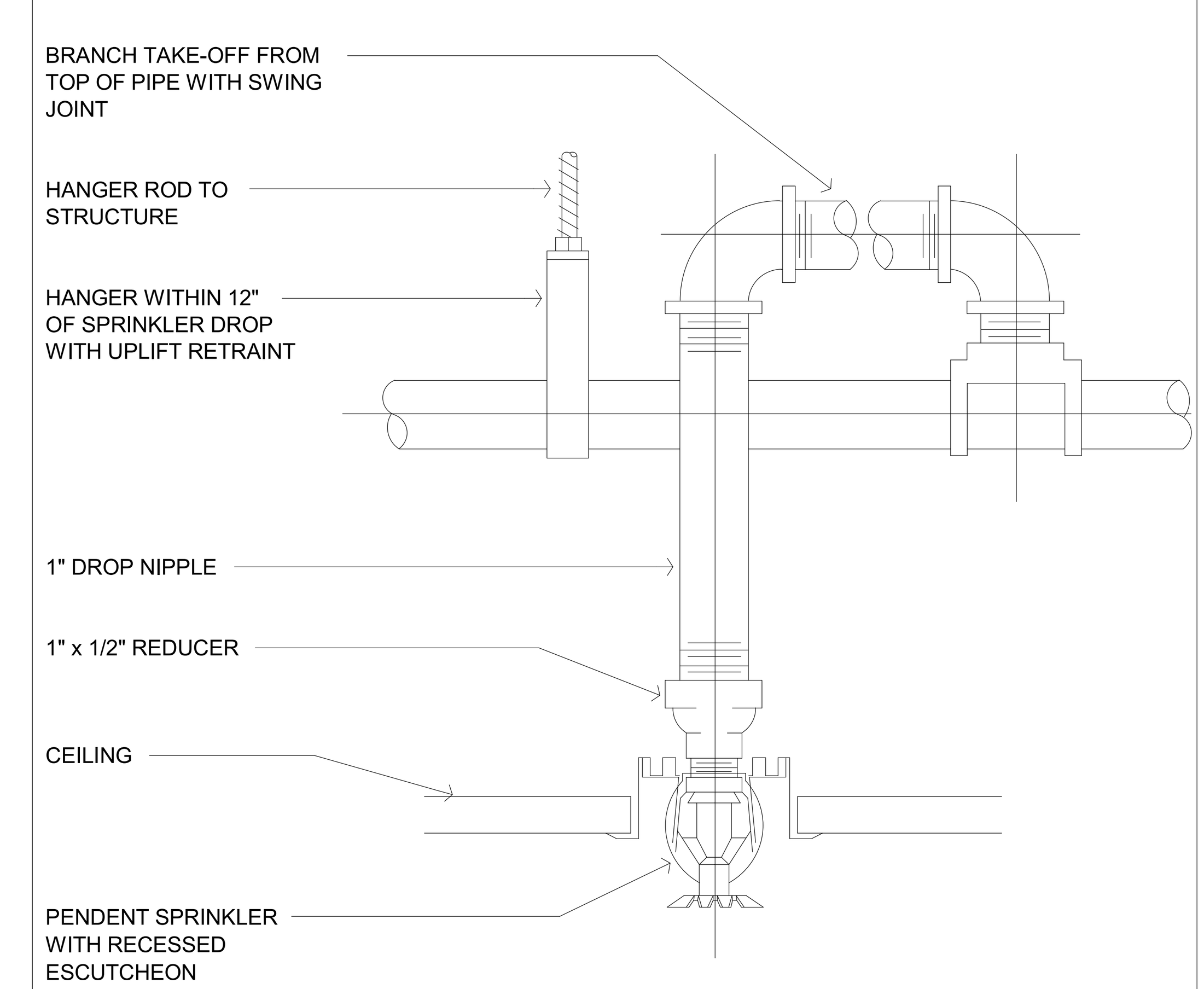
4. HANGERS ARE NOT REQUIRED ON ONE INCH (1") ARM-OVERS LESS THAN TWENTY-FOUR INCHES (24") LONG.

HANGER SPACING FOR STEEL FIRE SPRINKLER PIPING

PIPE SIZE	MAX. SUPPORT SPACING
1" 40	12'-0"
1-1/4" 40	12'-0"
1-1/2" 40	15'-0"
2" 40	15'-0"
2-1/2" 10	15'-0"
3" 10	15'-0"
4" 10	15'-0"
6" 10	15'-0"

* INFORMATION PER :
NFPA 13 - CHAPTER 9
MAX. DISTANCE BETWEEN HANGERS

HANGERS



TYPICAL RECESSED SPRINKLER

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DETAILS