



[CONCEPTUAL RENDERING FOR REFERENCE ONLY - SUBJECT TO CHANGE]

LEVEL 1 ENHANCEMENTS

PROJECT:

[REDACTED]

ADDRESS:

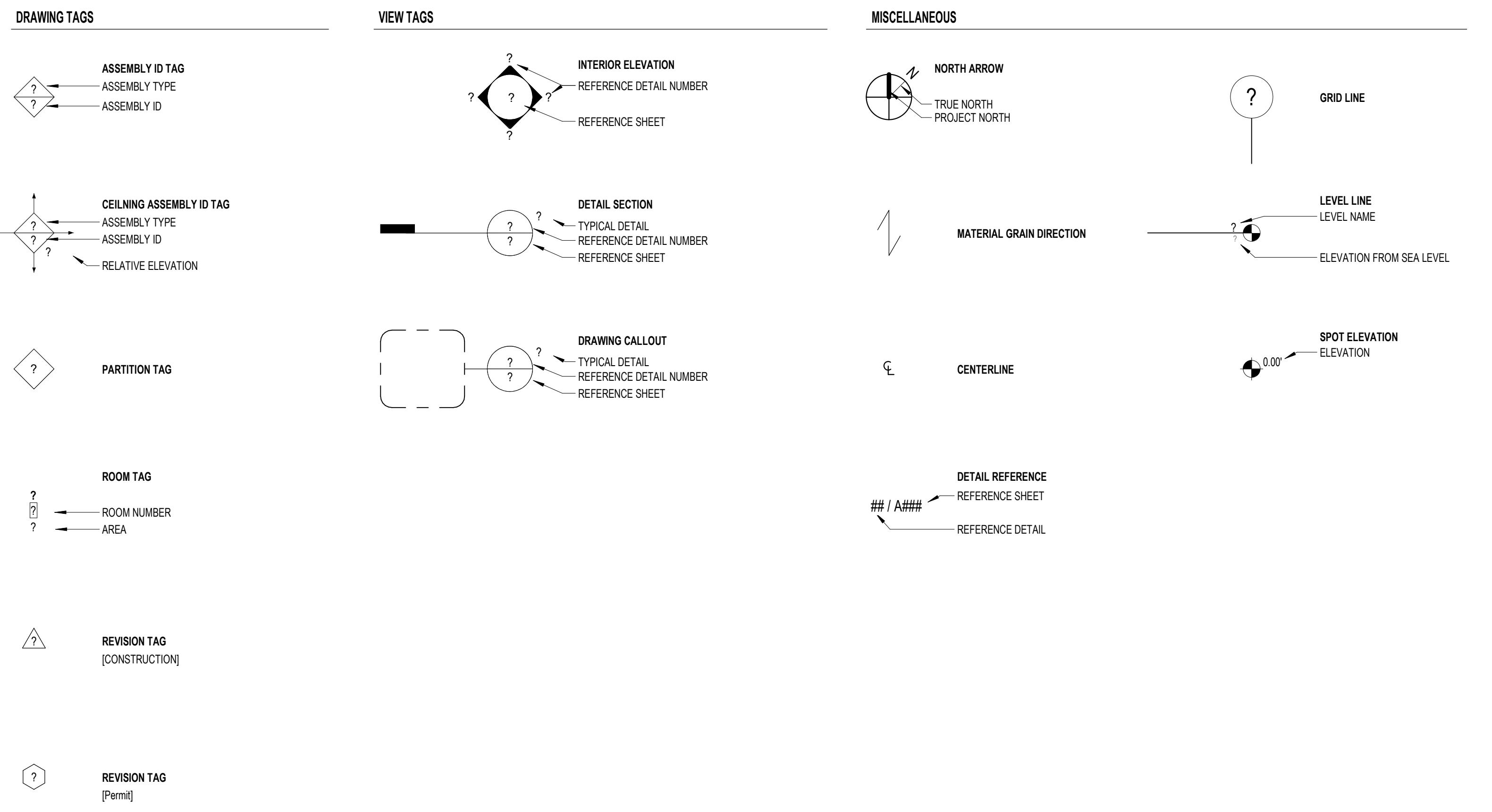
[REDACTED]

CLIENT:

[REDACTED]

CONSTRUCTION DOCUMENTS
2025.03.17

SYMBOLS



GENERAL NOTES

1. ALL NOTES ON THIS SHEET SHALL APPLY TO ALL DRAWINGS.
2. ALL WORK SHOWN ON THE DRAWINGS IS NEW AND TO BE PROVIDED AS PART OF THIS CONTRACT UNLESS NOTED AS EXISTING OR N.I.C.
3. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRIORITY OVER SCALED DIMENSIONS. DRAWINGS ARE NOT TO BE SCALED. ALL WORK SHALL BE Laid OUT BY DIMENSIONS. ALL DIMENSIONS ARE TO FINISHED FACE UNLESS OTHERWISE NOTED OR INDICATED. MAINTAIN DIMENSIONS MARKED "CLEAR". ALLOW FOR THICKNESS OF FINISHES.
4. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS.
5. NO MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, FIRE ALARM OR OTHER LOW VOLTAGE WORK IS TO PROCEED WITHOUT COORDINATION DRAWINGS TO BE REVIEWED BY ARCHITECT FOR COORDINATION OF ARCHITECTURAL INTENT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTION, AND MISALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS AND GOOD PRACTICE. CONTRACTOR SHOULD NOTE THAT MANY CONCRETE ELEMENTS, SUCH AS COLUMNS, SLAB, SHEAR WALLS ETC. ARE SCHEDULED TO HAVE EXPOSED FINISHES AND REQUIRE PROPER PROTECTION FROM CONSTRUCTION ACTIVITIES.
7. CONSTRUCTION SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL CODES, ORDINANCES, RULES, AND REGULATIONS PERTAINING TO LABOR AND MATERIALS. THIS IS THE CONTRACTOR'S SOLE RESPONSIBILITY.
8. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE BUILDING CODE OF THE CITY OF SEATTLE OR APPLICABLE CODES AS NOTED THROUGHOUT THE DESIGN DOCUMENTS.
9. WHERE PIPES, WIRES, CONDUITS, DUCTS, ETC. PENETRATE FIRE PROTECTION OF INDIVIDUALLY ENCASED STRUCTURAL MEMBERS, PENETRATION SHALL NOT EXCEED 2% OF ANY ONE FACE OF SUCH PARTITION, AND SHALL BE CLOSED WITH CLOSE FITTING METAL ESCUTCHEONS OR PLATES.
10. CONCEALED SPACES WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STAIRS, FURRING, PIPE SPACES, COLUMN ENCLOSURES, SLAB PENETRATIONS, SLAB EDGES ETC. THAT WOULD PERMIT THE PASSAGE OF FLAME, SMOKE, FUMES, OR HOT GASES FROM ONE FLOOR TO ANOTHER FLOOR OR ROOF SPACE, OR FROM ONE CONCEALED AREA TO ANOTHER, SHALL BE FIRE-STOPPED IN ACCORDANCE WITH THE REFERENCED EDITION OF THE SEATTLE BUILDING CODE. FIRE STOPPING IS THE CONTRACTOR'S SOLE RESPONSIBILITY.
11. PROVIDE SPRAY-APPLIED FIREPROOFING AT ALL NEW STRUCTURAL STEEL AS REQUIRED BY THE REFERENCED EDITION OF THE SEATTLE BUILDING CODE.
12. FOR PARTITIONS NOTED WITH STC VALUES, ALL PARTITIONS SURROUNDING THE ROOM WHETHER NOTED OR NOT, SHALL MINIMALLY BE EQUIVALENT. WHEN STC VALUES ARE NOTED, ALL WALL PENETRATIONS MUST BE SEALED, SOUND BOOTS, PUTTY PACKS, DOOR GASKETS, DROP SEALS, ETC MUST BE PROVIDED WHETHER NOTED OR NOT IN ORDER TO ACHIEVE THE STC NOTED.
13. THE OPENING FORCE FOR INTERIOR SIDE-SWINGING DOORS WITHOUT CLOSERS SHALL NOT EXCEED A 5 POUND FORCE. FOR OTHER SIDE-SWINGING, SLIDING AND FOLDING DOORS, THE DOOR LATCH SHALL RELEASE WHEN SUBJECTED TO A 15 POUND FORCE. FORCES SHALL BE APPLIED TO THE LATCH SIDE.
14. USE 5/8" THICK TYPE "X" GYPSUM BOARD THROUGHOUT, U.O.N.
15. ALL GLASS USED IN PROJECT SHALL BE TEMPERED AND ALL EXPOSED EDGES POLISHED, U.O.N.

ABBREVIATIONS

A	E	J	Q	
ABV	EBO	EXPOSED BLOCK PAINTED	JS	JANITOR'S SINK
ACI / APC	ED	DROP JOINT	K	QUARRY TILE
AD	EL / ELEV.	ELEVATION	R	
ADR	ELEC	ELECTRIC	RADUS	
ADJ	ELV	ELVATOR	RISER	
AFF	ENC	ENCLOSURE	RAIL/G	
AGF	ENT	ENTRANCE	REC	
AGL	ED	EQUIPMENT	REINF	
APPD	EQUIP	EQUIPMENT	REF	
ARCH	EXP	EXPANSION	RETAINING	
ASPH	EXIST	EXISTING	LAM	
ASSEM	EW / EEW	EYE WASH	LAVATORY	
AUX	F		LINERATE	
AD	FIXED		LOCK	
ANGLE	FL		LOCKER	
AT	FIXED	FLOOR ASSEMBLY	LOW POINT	
B	FB	FLOOR BOX (ELECTRICAL)	LT	LIGHT
BLK	FC	FURRED CEILING	LWT	LIGHTWEIGHT CONCRETE BLOCK
BOYS	FDR	FLOOR	MC	
BC	FDC	FIRE DEPARTMENT CONNECTION	M	\$
BRICK COURSE (OR) BOOK CASE	FE	FIRE EXTINGUISHER	M / MA / MTL	SINK
BD	FEC	FIRE EXTINGUISHER CABINET	METAL	SUSPENDED ACOUSTICAL CEILING
BL	FER	FIRE EXTINGUISHER RECESS	METAL ACCESS DOOR	SCHED
BLD	FL	FINISHED FLOOR	MAGAZINE	SHELVING
BLDG	FO	FLASH	MATERIAL	
BLK	FIN	FINISH	MATERIAL CABINET	
BLK / BO	FL	FLASHING	MATERIAL RECESS	T
B.O. / B.C.	FL	FLASHING	MATERIAL	TOILET
B.O. / B.C. / B.W.	FL	FLASHING	MATERIAL	TOP AND BOTTOM
BOT	FOF	FACE OF FINISH	MESH	TOP OF CURB
BOTC	FOU	FOUNDATION	METAL	TOP OF BRAIN
BOC	FR	FRAMING	METAL FURNITURE	TEL / TOF
C	FS	FLASH	MH	TOP OF FENCE
CA	FSP	FIRE STANPIPE	MHOLE	TEL / TOW
CEASMENT	FT	FLOOR TREAD	MIS	THICKNESS OR THICK
CEASMENT	FTG	FOOTING	MO	THICKNESS OR SLAB
CAB / CABT	FTG	FOOTING	MASONRY	TOP OF WALL
CABT / CABIN	FTG	FOOTING	MATERIAL	TOPICAL
CEM	G	GAUGE	MP	TOPPING
CEM	GUARD	GLAZED ASSEMBLY	MS	TERRAZZO
CG	GAU	GLAZED	N	
CL	GAU	GLAZED	NOMINAL DIAMETER	
CO	GLAZED	GLAZED	ND	NOT IN CONTRACT
O.G. / C.E.L.G.	GLZING	GLAZED BLOCK	N.I.C. / NIC	UNFINISHED
CM	GC	GENERAL CONTRACTOR	NO	UNDER-COUNTER
COLL	GDR	GLAZED DISPLAY BOARD	NUMBER	ULTRA-VIOLET
CORR	GL	GLASS	NOMINAL	UV
CONT	GR	GRILLE	NOT TO SCALE	UNI
CONC	GRNL	GRANITE ELEVATION	UND / UNN	UNLESS NOTED OTHERWISE
CR	GT	GLAZED TILE	P	
CT	GV	GAS VALVE	OUTSIDE AIR INTAKE	V
CUBIC FEET	GYP / GYP	GYPSUM WALL BOARD	ON CENTER	VINYL
CV	GRAY	GRAY	OD	VINYL COMPOSITION TILE
CASEWORK	OPG / OPNG	OPG / OPNG	OD	VENTILATOR OR VENTILATION
D	H		OPENING	VERTICAL
DA	HGT	HGT	VENT	
DB	HGT	HGT	VENT	
DISP B0	HC	HUNG CEILING	P / PT	PARTITION
DISPLAY BOARD	HC	HUNG CEILING	PARTN	PARTITION
DISPLAY BOARD SURFACE	HDP	HANDICAPPED	PARTN	PERFORATED
DBL	HGT	HEIGHT	PAV	PLASTER
DCP	HGT	HEIGHT	PBD	PLUMBING AND DRAINAGE
DEPT	HGT	HEIGHT	PERF	PERFORATED
DET	HP	HIGH POINT	PL	PLASTER
DEN	HR	HAND RAIL	PL / PLAS	PLASTER
DH	HR	HOUR	PLV	PLASTIC
DOUBLE HUNG	HR	HOT RUBBERIZED ASPHALT	PLASTIC AND LAMINATED VENEER	WIRE FENCE (OR) WIDE FLANGE
DA	HR	HEATING AND VENTILATION	PRES	WIRE MESH
DM	HR	HEATING AND VENTILATION	PROP. LINE	WATERPROOFING
DSP	HR	HEATING AND VENTILATION	PTT	WEIGHT
DSP CAB	HR	HEATING AND VENTILATION	PRECAST TERRAZZO TILE	WELDED WIRE FABRIC
DM	ID	INTERIOR DIAMETER	WWF	WATER VALVE
DN	ID	INTERIOR WIRE MESH GUARD	WV	
DR	ID	INSULATED ROOF MEMBRANE ASSEMBLY		
DRAWING	INSTR	INSTRUCTOR (OR) INSTRUMENT		
DRAWINGS	INSUL	INSULATION		

ARCHITECTURAL SHEET INDEX

	PERMIT SET	DD SET	CD SET
A002 - GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND INDEX	•	•	• A002
A003 - PROJECT INFORMATION	•	•	• A003
A011 - LIFE SAFETY PLAN	•	•	• A011
A021 - ACCESSIBILITY CRITERIA	•	•	• A021
A041 - SPECIFICATION SUMMARY	•	•	• A041
A051 - EXISTING - OVERALL PLAN	•	•	• A051
A052 - EXISTING - ENLARGED FLOOR PLANS	•	•	• A052
A053 - DEMOLITION - FLOOR PLANS	•	•	• A053
A054 - EXISTING - ENLARGED CEILING PLAN	•	•	• A054
A055 - DEMOLITION - CEILING PLANS	•	•	• A055
A101 - NEW CONSTRUCTION - OVERALL PLAN	•	•	• A101
A102 - LOBBY - PLANS AND ELEVATIONS	•	•	• A102
A103 - LOBBY - PLAN (FINISHES)	•	•	• A103
A105 - LOBBY - PLAN (FES)	•	•	• A105
A111 - LOBBY - RC	•	•	• A111
A121 - ELEVATOR - LOBBY - PLANS AND ELEVATIONS	•	•	• A121
A401 - MEETING ROOM - ENLARGED PLANS AND ELEVATIONS	•	•	• A401
A411 - SECURITY DESK - PLANS AND ELEVATIONS	•	•	• A411
A412 - SECURITY DESK - PLANS AND ELEVATIONS	•	•	• A412
A415 - SECURITY DESK - PLANS AND ELEVATIONS (EQUIPMENT)	•	•	• A415
A421 - DECORATIVE WOOD SCREEN - PLANS AND ELEVATIONS	•	•	• A421
A441 - PERIODIC TABLE - ELEVATIONS AND DETAILS	•	•	• A441
A501 - GENERAL DETAILS	•	•	• A501
A505 - CASEWORK TYPICAL DETAILS	•	•	• A505
A511 - SLIDING DOOR DETAILS	•	•	• A511
A512 - WOOD WALL DETAILS	•	•	• A512
A513 - WOOD WALL DETAILS	•	•	• A513
A515 - ACUSTIC CEILING DETAILS	•	•	• A515
A517 - MISCELLANEOUS DETAILS	•	•	• A517
A621 - TYP. PARTITION ASSEMBLIES (ABC/F)	•	•	• A621
A631 - TYP. CEILING TYPES	•	•	• A631
A641 - TYP. DOOR TYPES	•	•	• A641

SHEET REVISIONS		
NO.	DATE	DESCRIPTION

Seal

RELEASE DATE / DATE

CONSTRUCTION
DOCUMENT SET

2025.03.17

SEATTLE DO USE ONLY BELOW THIS LINE

GENERAL NOTES,
ABBREVIATIONS,
SYMBOLS, AND
INDEX

SHEET TITLE:

A002

This drawing is to be read in conjunction with all related drawings. On scale from dimensions must be checked and verified on site before commencing work or producing shop drawings. The original drawing is to be retained by the architect. Any changes made to the original drawing must be indicated immediately if they change the original drawing. The drawing is copyrighted material.

RELEASE TITLE / DATE

CONSTRUCTION DOCUMENT SET

2025.03.17

SEATTLE DCI USE ONLY BELOW THIS LINE

PROJECT INFORMATION

SHEET NO.

A003

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The originator should be notified immediately of any discrepancy. This drawing is copyrighted and remains property of the originator.

PLUMBING CALCULATION SUMMARY

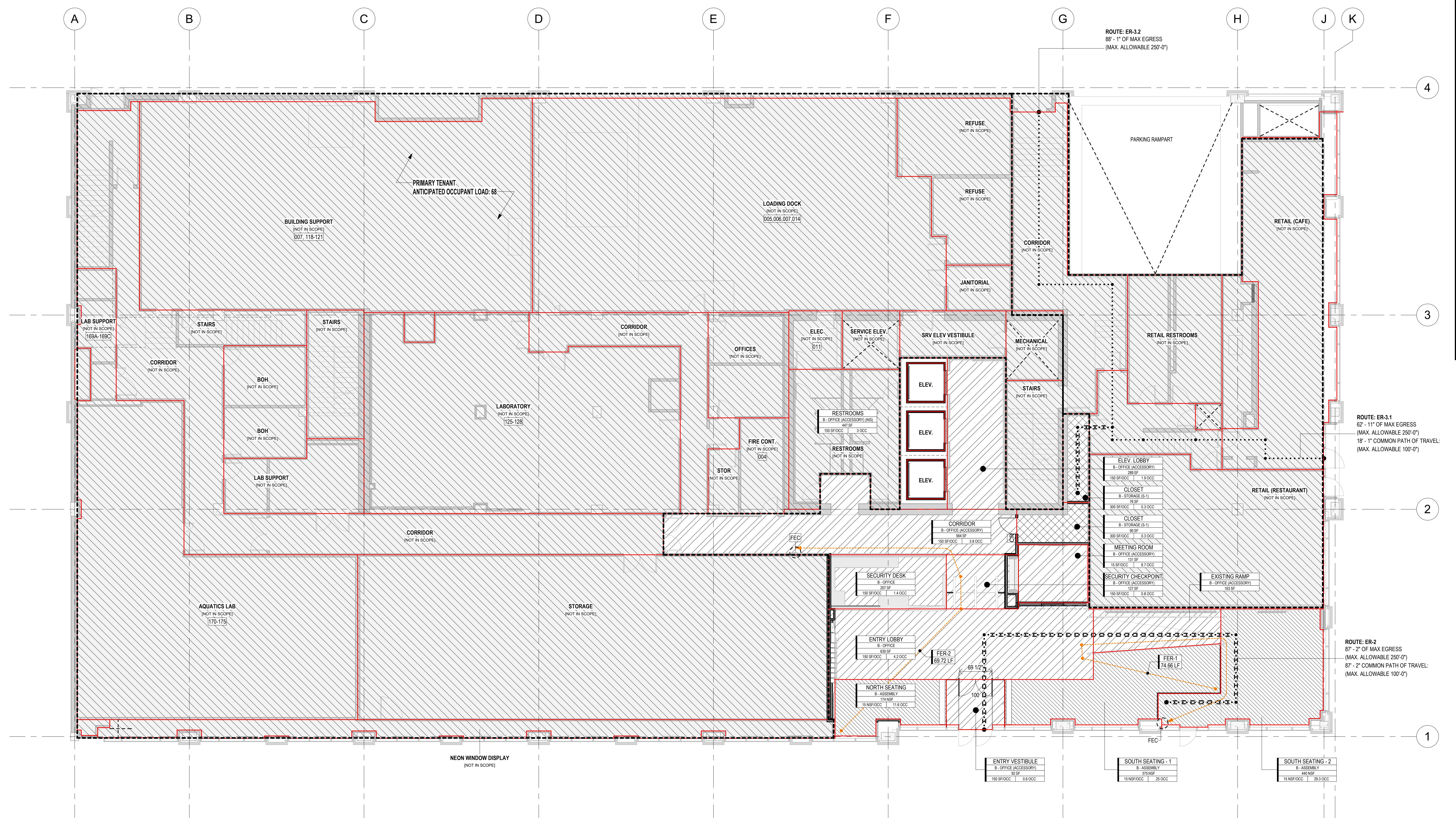
		WATER CLOSET PLUMBING CALCULATIONS (PER SBC 2902.1)					LAVATORIES PLUMBING CALCULATIONS (PER SBC 2902.1)						
B - OFFICE													
OCCUPANCY			FIRST 50 OCCUPANTS		REMAINING OCCUPANTS	TOTAL		FIRST 80 OCCUPANTS		REMAINING OCCUPANTS	TOTAL		
TOTAL		PER SEX	1 PER 25	1 PER 25	1 PER 50			1 PER 40	1 PER 40	1 PER 80			
162	MALE	81	1	1	0.62	2.62		1	1	0	2		
	FEMALE	81	1	1	0.62	2.62		1	1	0	2		
		WATER CLOSET TOTALS				MALE	FEMALE	LAVATORY TOTALS				MALE	FEMALE
		TOTAL BEFORE ROUNDING				2.62	2.62	TOTAL BEFORE ROUNDING				2	2
		TOTAL REQUIRED				3	3	TOTAL REQUIRED				2	2
		TOTAL EXISTING				4*	4	TOTAL EXISTING				2	2

URINALS PROVIDED IN ACCORDANCE WITH 2902.1.1.2

PLUMBING SUMMARY NOTES:

1. OCCUPANCIES INDICATED IN PLAN LABELS ARE ESTIMATES; DEFER TO TABLE.
 2. PLUMBING IS PROVIDED BY EXISTING FACILITIES OUTSIDE THE PROJECT SCOPE

LIFE SAFETY - OCCUPANT LOAD (NIS)					
AREA NAME	OCCUPANCY GROUP	AREA	OCCUPANT LOAD FACTOR	OCCUPANTS	REMARKS
LAB - AQUATICS	B - COMMERCIAL LABORATORY (NIS)	2,175.6 SF	100 SF/OCC	21.8	
LAB SUPPORT	B - COMMERCIAL LABORATORY (NIS)	288.1 SF	100 SF/OCC	2.9	
LABORATORY	B - COMMERCIAL LABORATORY (NIS)	1,861.9 SF	100 SF/OCC	18.6	
ELEV VESTIBULE	B - OFFICE (ACCESSORY) (NIS)	162.3 SF	150 SF/OCC	1.1	
RESTROOMS	B - OFFICE (ACCESSORY) (NIS)	446.5 SF	150 SF/OCC	3.0	
OFFICES	B - OFFICE (NIS)	275.9 SF	150 SF/OCC	1.8	
AQUATICS BOH	S-1 - STORAGE (NIS)	303.5 SF	300 SF/OCC	1.0	
BUILDING SUPPORT	S-1 - STORAGE (NIS)	2,609.0 SF	300 SF/OCC	8.7	
FIRE CONTROL ROOM	S-1 - STORAGE (NIS)	218.6 SF	300 SF/OCC	0.7	
JANITORIAL	S-1 - STORAGE (NIS)	97.5 SF	300 SF/OCC	0.3	
LOADING DOCK	S-1 - STORAGE (NIS)	2,720.3 SF	300 SF/OCC	9.1	
MECHANICAL	S-1 - STORAGE (NIS)	128.8 SF	300 SF/OCC	0.4	
NEON WINDOW DISPLAY	S-1 - STORAGE (NIS)	412.2 SF	300 SF/OCC	1.4	
REFUSE	S-1 - STORAGE (NIS)	509.2 SF	300 SF/OCC	1.7	
SUBTOTAL OCCUPANT LOAD:		12,209.3 SF		72.5	

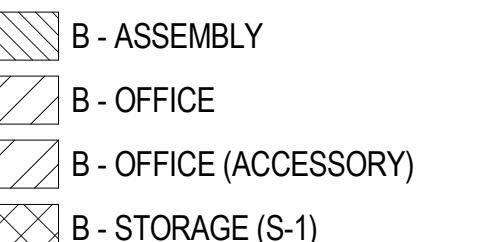


1 | FVFI 01 - LIFE SAFETY PLAN

1/8



OCCUPANCY GROUP AREA LEGEND



RELEASE TITLE / DATE

**CONSTRUCTION
DOCUMENT SET**

2025 03 17

2023.05.17

SHEET TITLE:

LIFE SAFETY PLAN

LAN

LIFE SAFETY - EGRESS DOORS				
DOOR ID	Width	CLEAR WIDTH PROVIDED	EGRESS WIDTH REQUIRED	Occupants
100	6' 5 3/8"	69.0 in	31.4 in	157

FEC TRAVEL SUMMARY	
FE ROUTE ID	TRAVEL DISTANCE
FER-1	74.7 ft
FER-2	69.7 ft

LIFE SAFETY - OCCUPANT LOAD					
AREA NAME	OCCUPANCY GROUP	AREA	OCCUPANT LOAD FACTOR	OCCUPANTS	REMARKS
NORTH SEATING	B - ASSEMBLY	174.0 SF	15 NSF/OCC	11.6	
SOUTH SEATING - 1	B - ASSEMBLY	375.4 SF	15 NSF/OCC	25.0	
SOUTH SEATING - 2	B - ASSEMBLY	440.1 SF	15 NSF/OCC	29.3	
ENTRY LOBBY	B - OFFICE	629.9 SF	150 SF/OCC	4.2	
SECURITY DESK	B - OFFICE	206.9 SF	150 SF/OCC	1.4	
CORRIDOR	B - OFFICE (ACCESSORY)	564.1 SF	150 SF/OCC	3.8	
ELEV. LOBBY	B - OFFICE (ACCESSORY)	288.7 SF	150 SF/OCC	1.9	
ENTRY VESTIBULE	B - OFFICE (ACCESSORY)	91.5 SF	150 SF/OCC	0.6	
EXISTING RAMP	B - OFFICE (ACCESSORY)	163.2 SF	150 SF/OCC	1.1	
MEETING ROOM	B - OFFICE (ACCESSORY)	130.5 SF	15 NSF/OCC	8.7	
SECURITY CHECKPOINT	B - OFFICE (ACCESSORY)	127.0 SF	150 SF/OCC	0.8	
CLOSET	B - STORAGE (S-1)	89.5 SF	300 SF/OCC	0.3	
CLOSET	B - STORAGE (S-1)	75.9 SF	300 SF/OCC	0.3	
SUBTOTAL OCCUPANT LOAD:		3,356.7 SF		89.0	
OCCUPANT LOAD:				89.0 (IN SCOPE)	
PRIMARY TENANT OCCUPANT LOAD:					73.0
				TOTAL:	162

LIFE SAFETY LEGEND

COMPONENT ID TAGS

- | <u>PARTITION RATING</u> | <u>COMPONENTS</u> |
|-------------------------|---|
| 1 HOUR RATED PARTITION |
FIRE EXTINGUISHER CABINET (MOUNT TYPE AS SPECIFIED) |
| 2 HOUR RATED PARTITION |
FIRE EXTINGUISHER CABINET (RATED) |
| 3 HOUR RATED PARTITION |
EXIT SIGN - DIRECTION AS INDICATED |

FE-##.# PATH ID **PATHING COMPONENTS**

- LEVEL ID

• • • • • EXIT ACCESS PATH

• • E • E • • COMMON PATH OF TRAVEL

— — → FIRE EXTINGUISHER TRAVEL PATH

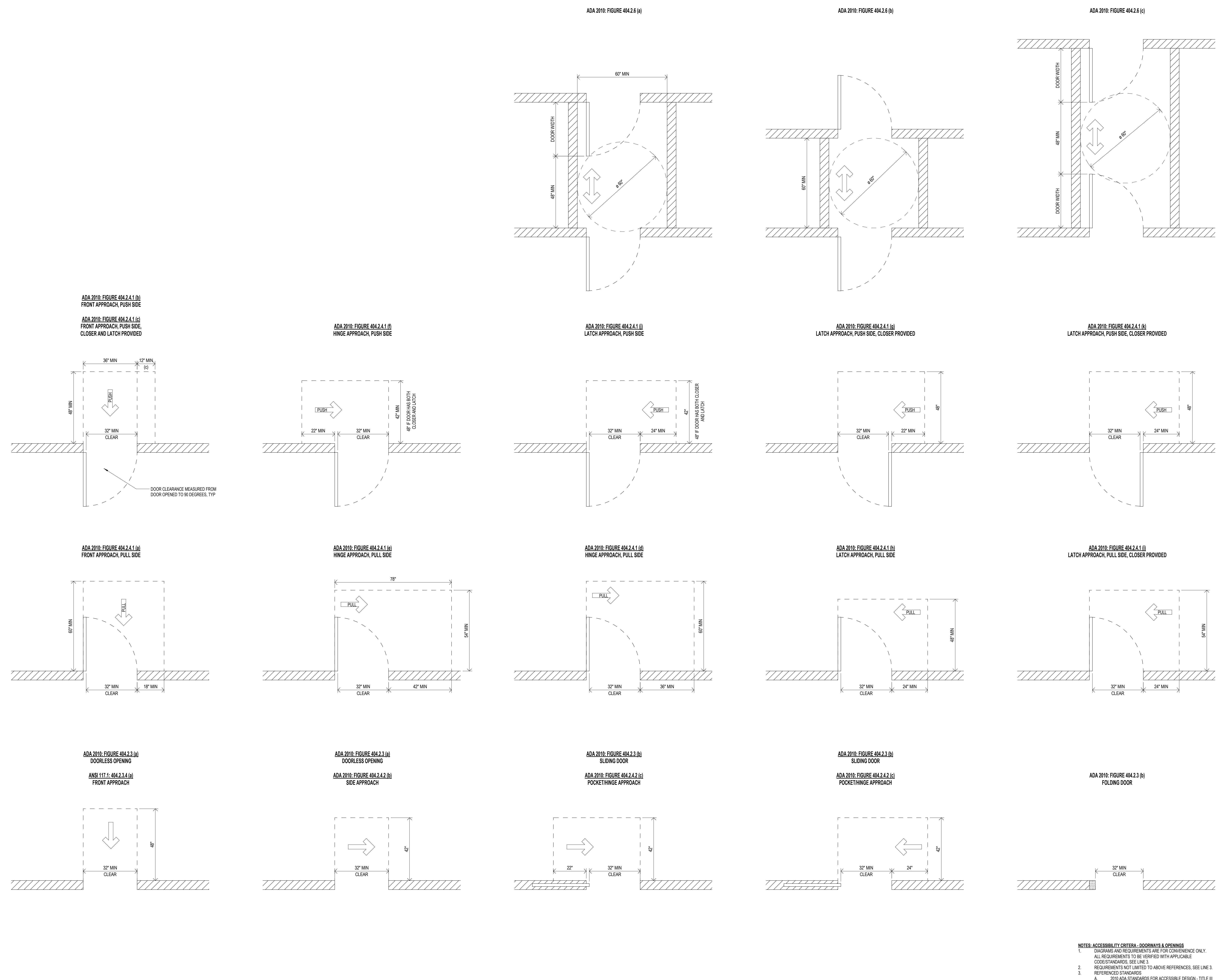
LIFE SAFETY NOTES:

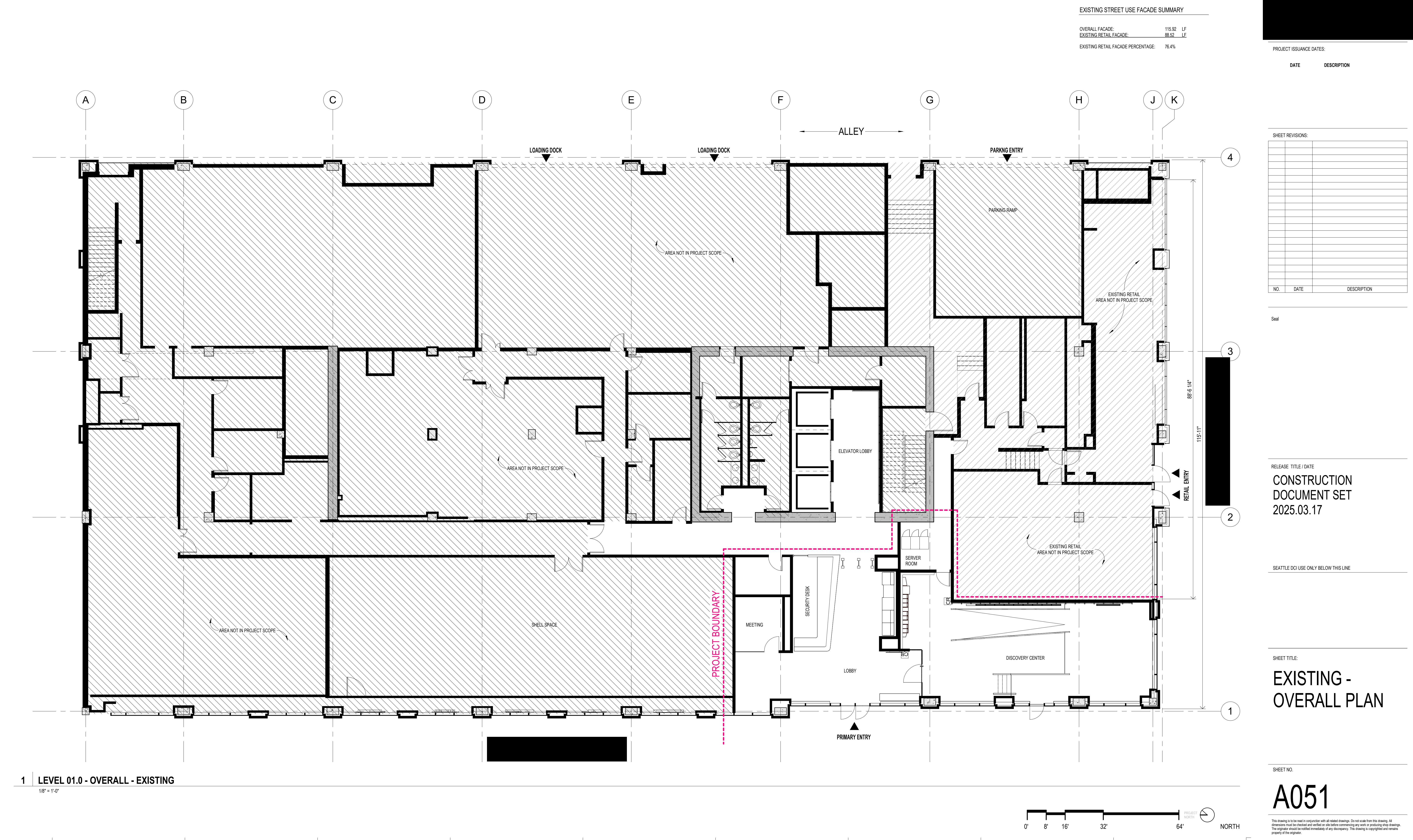
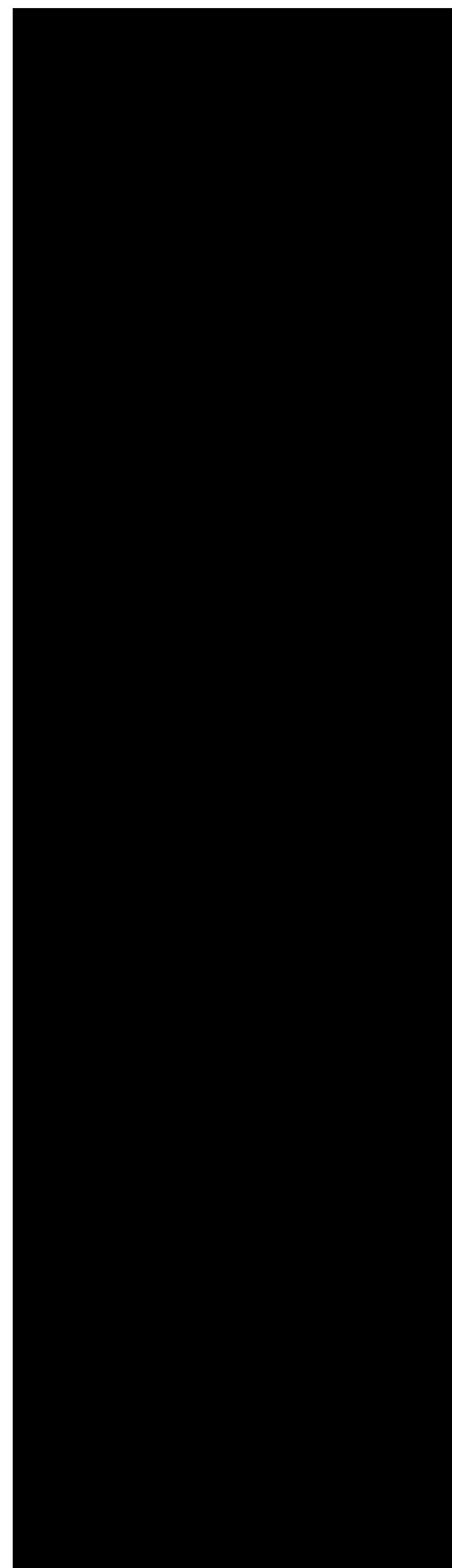
- NOTES:**

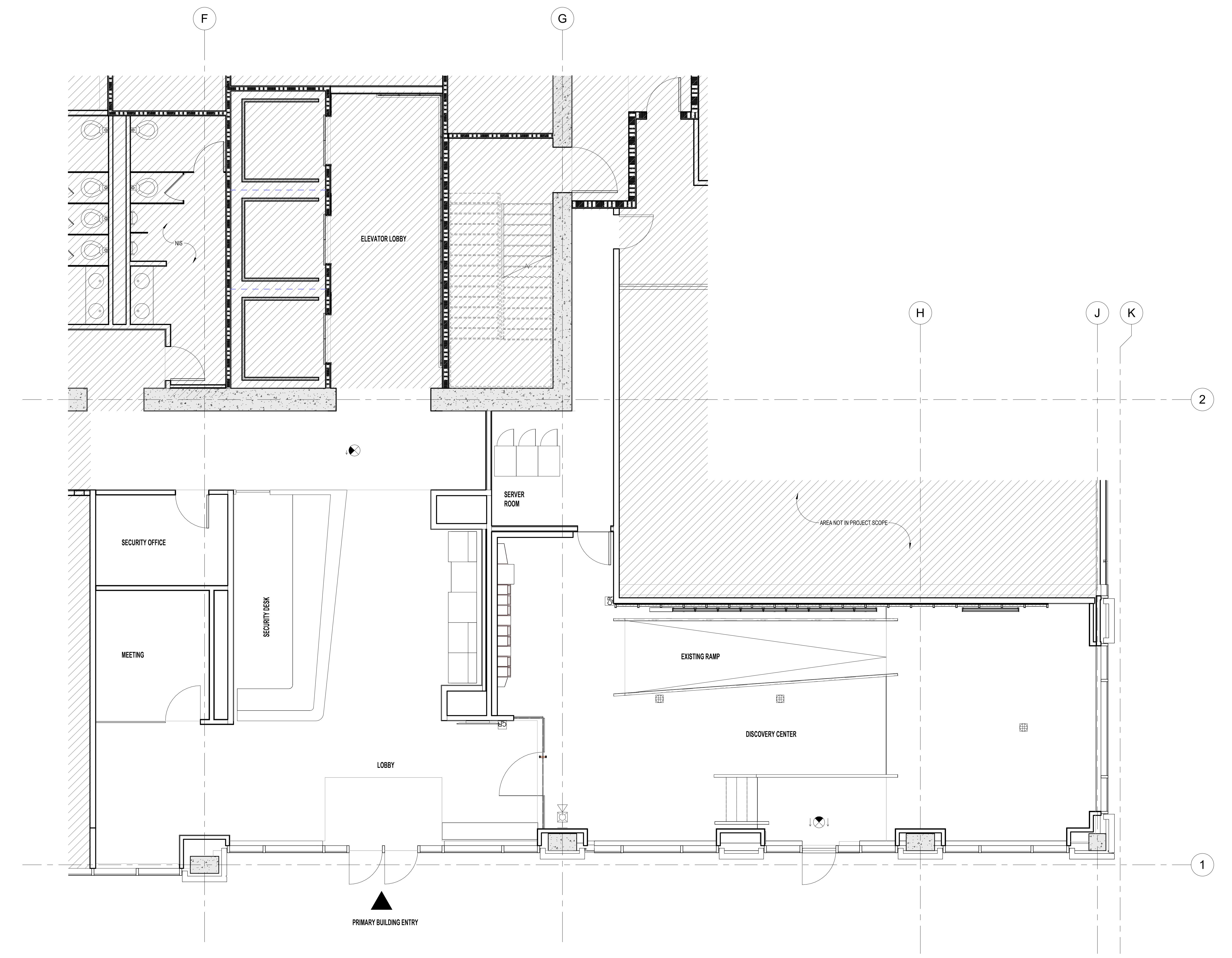
 - OCCUPANCIES CALCULATED PER 2021 SEATTLE BUILDING CODE, CHAPTER 10, TABLE 1004.5
 - OCCUPANT GRAND TOTALS ARE ROUNDED UP TO THE NEAREST WHOLE NUMBER
 - GROSS AREA IS CALCULATED TO THE INSIDE FACE OF EXTERIOR WALLS
 - PRIMARY TENANT OCCUPANCY LOADS ARE CONSERVATIVE APPROXIMATE LOADS BASED ON INFORMATION AVAILABLE
 - RETAIL SPACES ARE FUNCTIONALLY ISOLATED FROM THE PRIMARY PROJECT SCOPE AND HAVE THEREFORE BEEN EXCLUDED FROM THE PROJECT. OCCUPANCY FOR RETAIL SCOPES HAVE BEEN PROVIDED FOR REFERENCE ONLY

SHEET NO.

A011







RELEASE TITLE / DATE

CONSTRUCTION DOCUMENT SET

2025.03.17

SHEET TITLE:

EXISTING - ENLARGED FLOOR PLANS

SHEET NO. A052

[REMOVED FROM PROJECT SCOPE]

DEMO PLAN LEGEND + NOTES

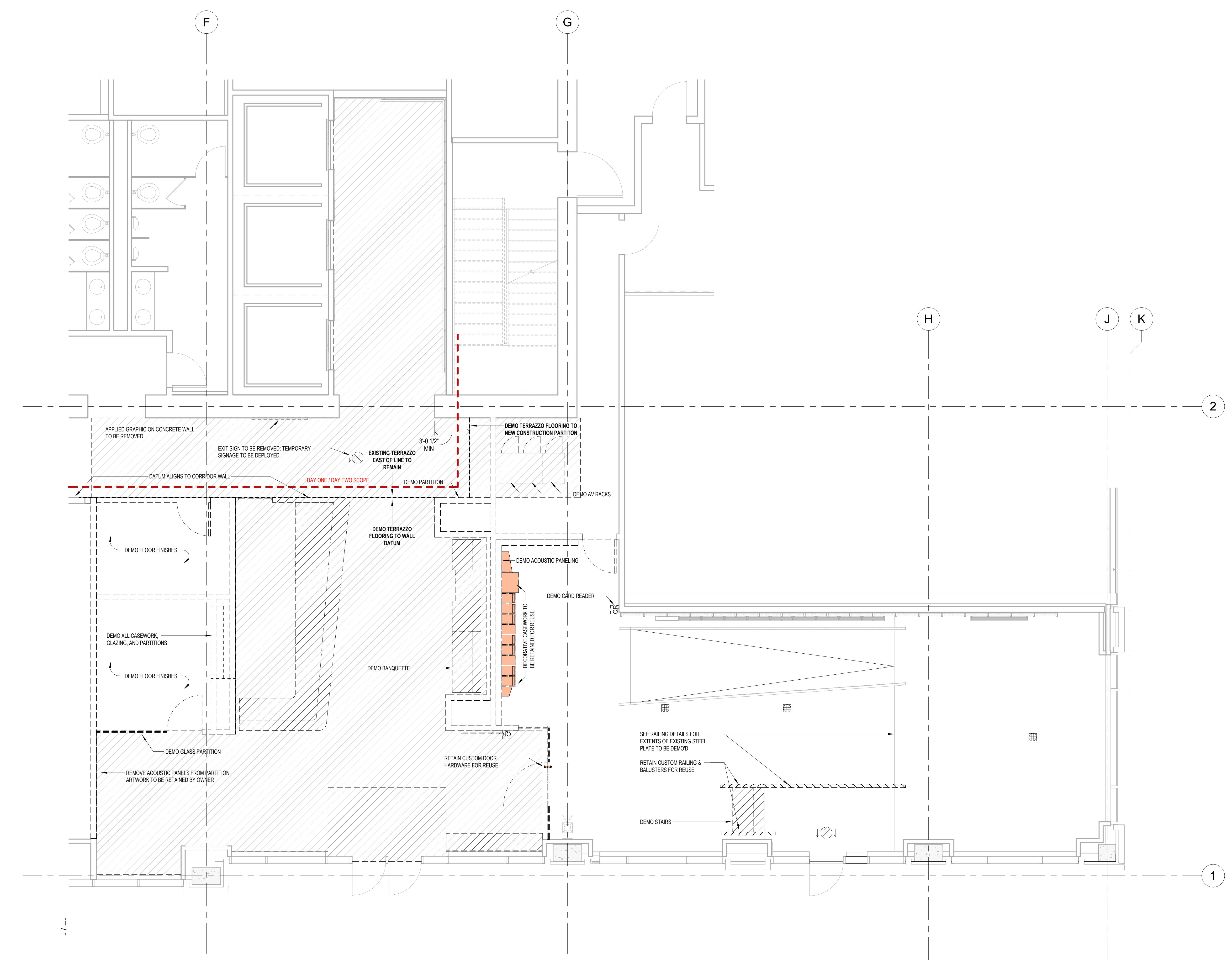
HATCHES

DEMOLISHED ELEMENTS (PLAN)

DEMOLISHED ELEMENTS

NOTES

1. DEMO PLAN IS FOR GENERAL REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY AND ALL EXISTING ITEMS TO FACILITATE CONSTRUCTION OF THE NEW DESIGN. WHETHER NOTED IN THE DEMO PLAN OR NOT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND MISALIGNMENT.



SHEET REVISIONS			
1	TBD	CYCLE 1 CORRECTIONS	
NO.	DATE	DESCRIPTION	

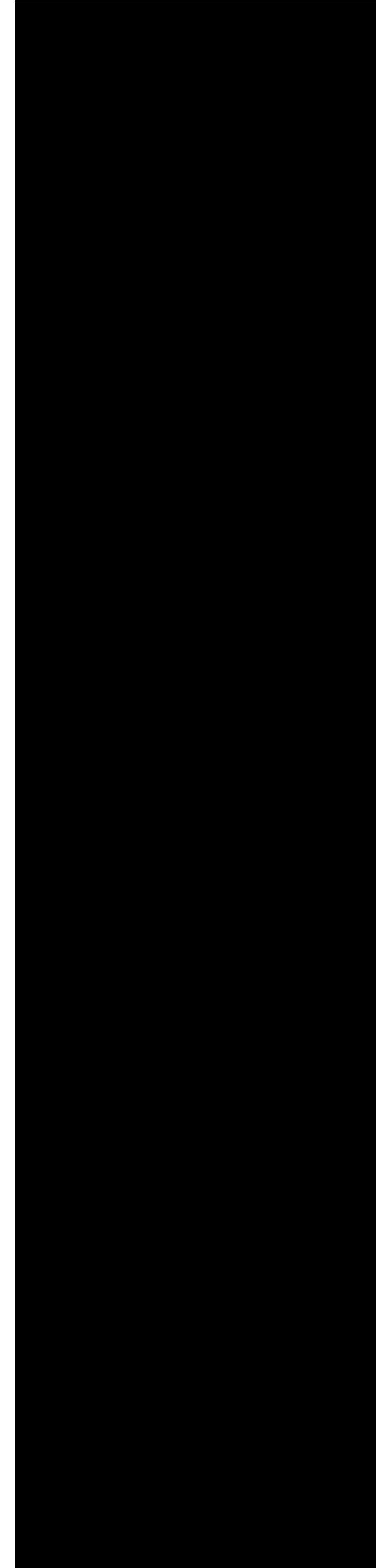
Seal

RELEASE TITLE / DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

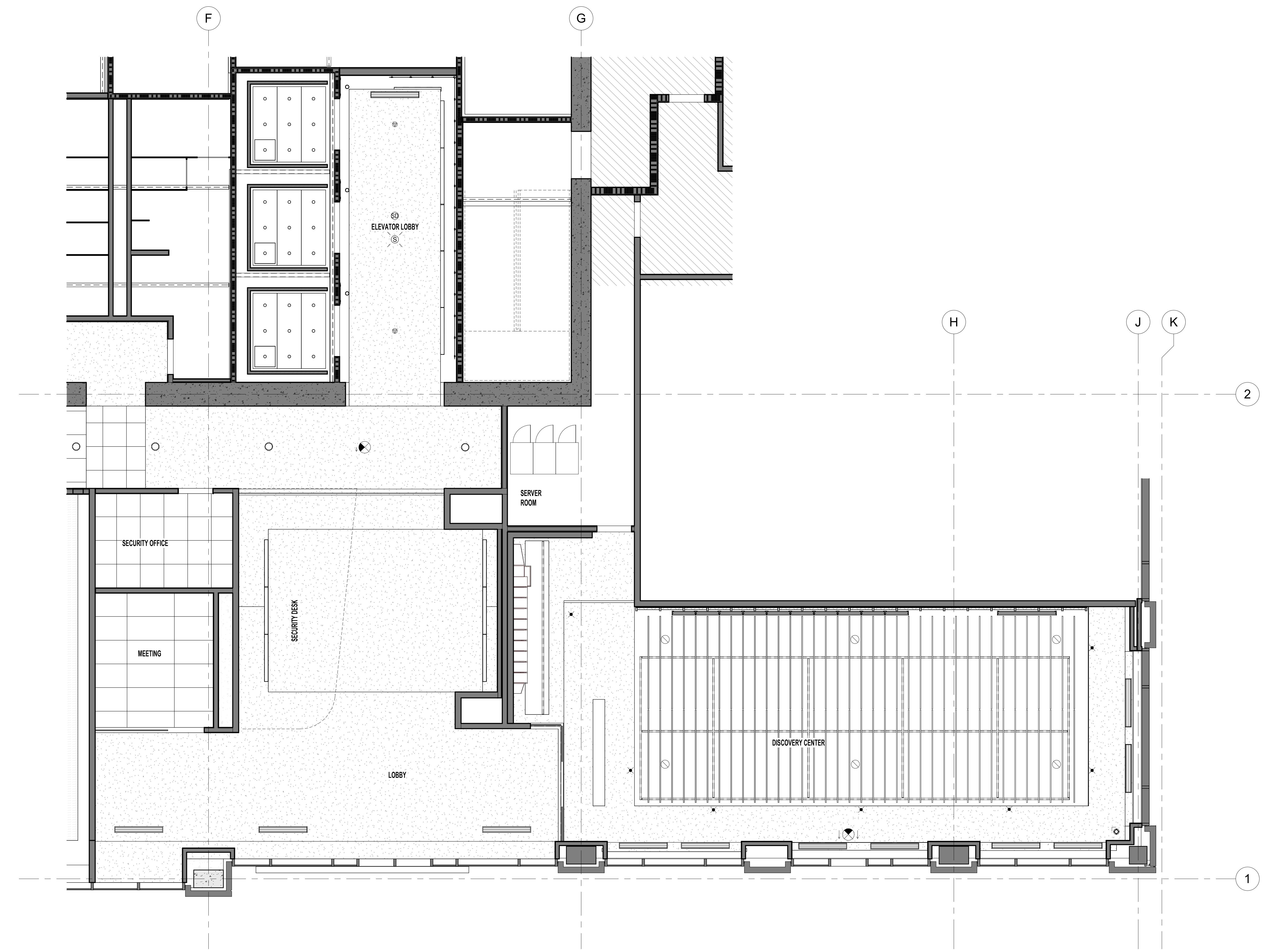
SEATTLE DO USE ONLY BELOW THIS LINE

SHEET TITLE:
DEMOLITION - FLOOR PLANS

SHEET NO.
A053



[REMOVED FROM PROJECT SCOPE]



1 | ENLARGED CEILING PLAN - LOBBY - EXISTING

1/4" = 1'-0"

A054

This drawing is to be read in conjunction with all related drawings. Do not scale from the drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The original drawing must be checked immediately if any stamping. The drawing is copyrighted and remains the property of the original.

SHEET REVISIONS		
1	TBD	CYCLE 1 CORRECTIONS
NO.	DATE	DESCRIPTION

Seal

RELEASE TITLE / DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

SEATTLE DO USE ONLY BELOW THIS LINE

SHEET TITLE:
**EXISTING -
ENLARGED
CEILING PLAN**

SHEET NO.

A054



[REMOVED FROM PROJECT SCOPE]

DEMO PLAN LEGEND + NOTES

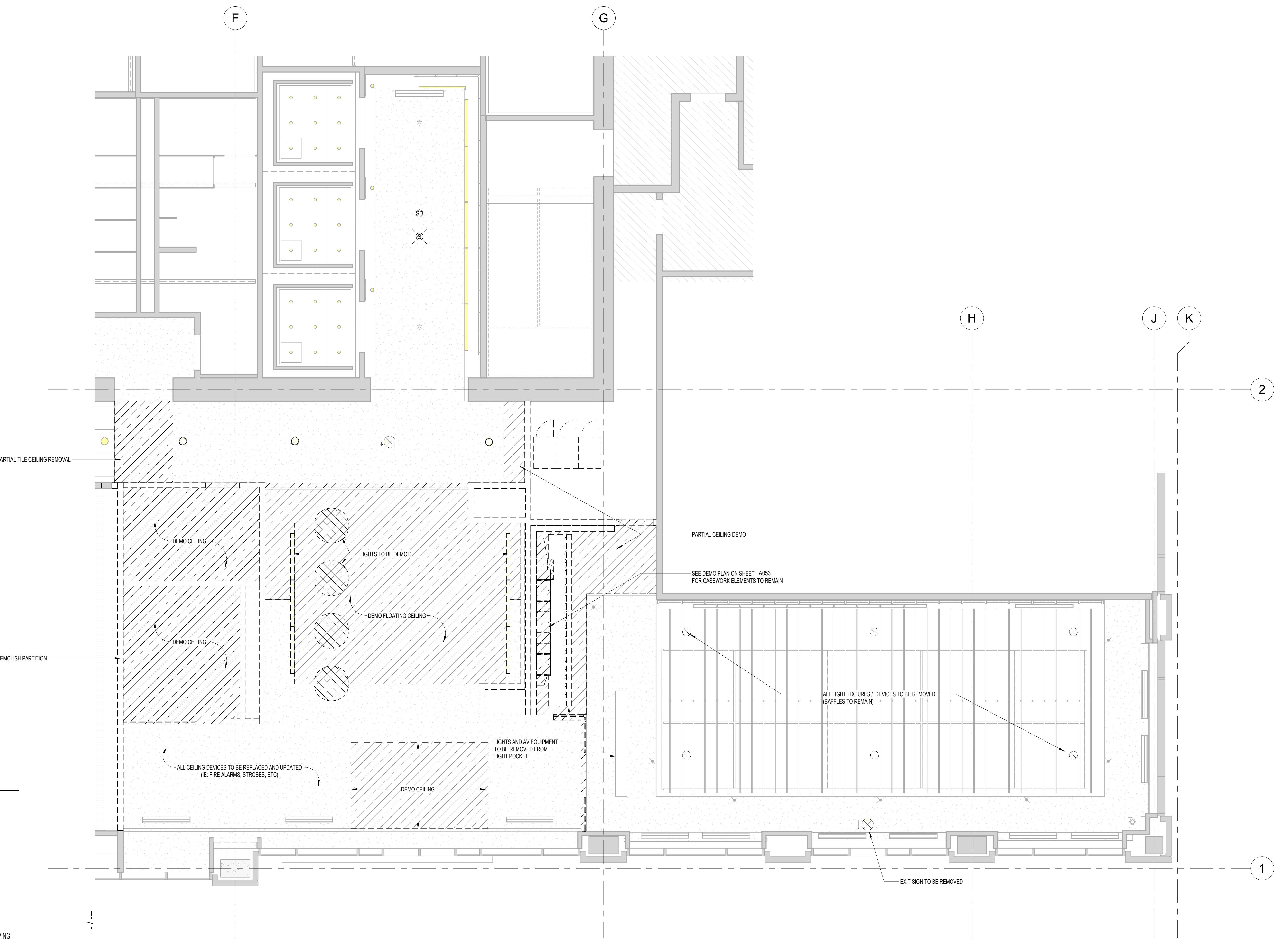
HATCHES

DEMOLISHED ELEMENTS (PLAN)

DEMOLISHED ELEMENTS

NOTES

1. DEMO PLAN IS FOR GENERAL REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY AND ALL EXISTING ITEMS TO FACILITATE CONSTRUCTION OF THE NEW DESIGN. WHETHER NOTED IN THE DEMO PLAN OR NOT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND MISALIGNMENT.



SHEET REVISIONS		
1	TBD	CYCLE 1 CORRECTIONS NO. DATE DESCRIPTION

Seal

RELEASE TITLE / DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

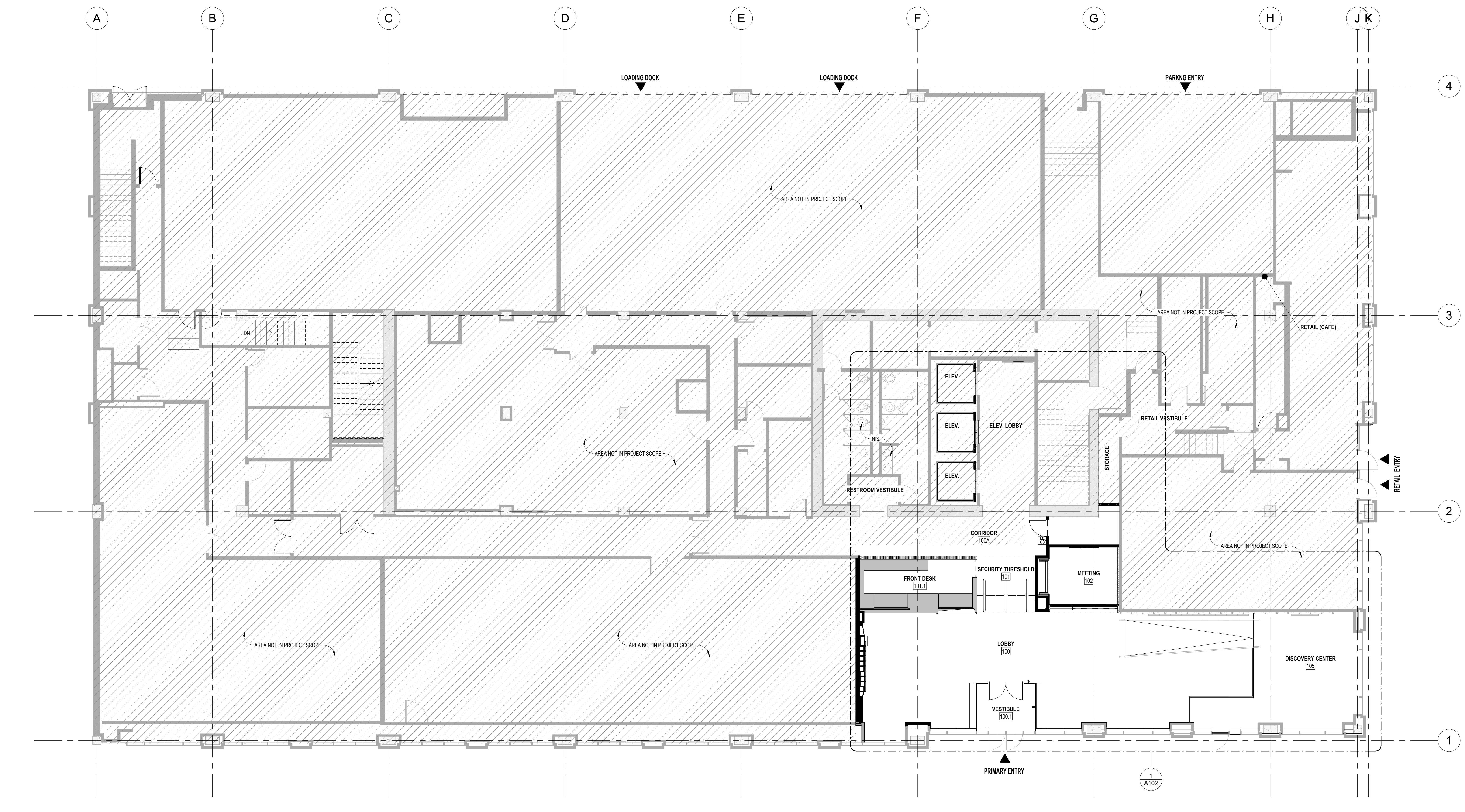
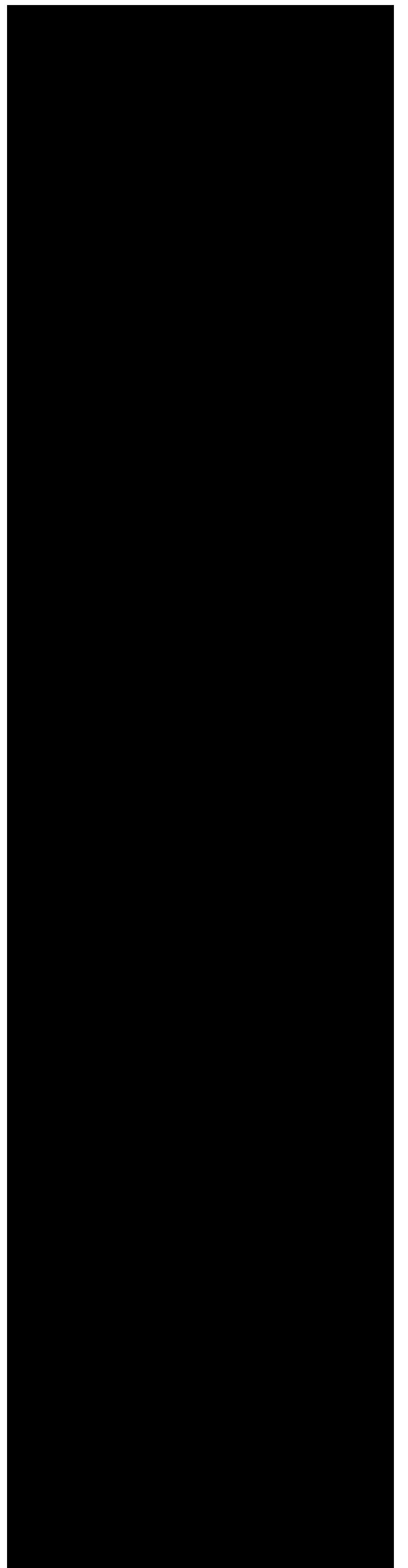
SEATTLE DO USE ONLY BELOW THIS LINE

SHEET TITLE:
DEMOLITION - CEILING PLANS

SHEET NO.

A055

This drawing is to be read in conjunction with all related drawings. Do not scale from the drawing. All dimensions must be checked and verified on site before commencing the work or producing shop drawings. The original drawing must be checked immediately after stamping. The drawing is copyrighted and remains the property of the original.



1 | LEVEL 01.0 - OVERALL - NEW CONSTRUCTION

1'8" = 1'-0"



Sheet No. A101

This drawing is to be read in conjunction with all related drawings. Do not scale from the drawing. All dimensions must be checked and verified on site before commencing the work or producing shop drawings. The original drawing must be checked immediately if any discrepancy. This drawing is copyrighted and remains the property of the original.

RELEASE DATE / DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

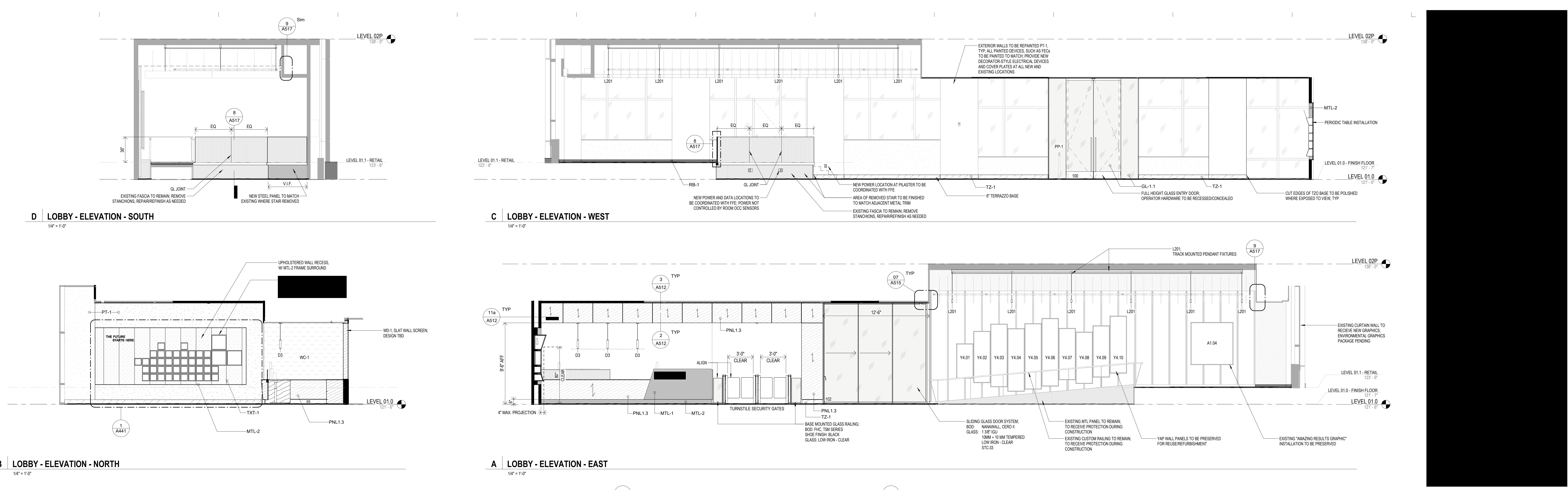
SEATTLE DO USE ONLY BELOW THIS LINE

SHEET TITLE:
NEW CONSTRUCTION -
OVERALL PLAN

Sheet Revisions

1 TBD CYCLE 1 CORRECTIONS
NO. DATE DESCRIPTION

Seal



ISSUANCE DATES:

DESCRIPTION

TITLE / DATE

INSTRUCTION DOCUMENT SET

5.03.17

INCLUDE ONLY BELOW THIS LINE

TITLE: HOBBY - PLANS AND ELEVATIONS

0.

102

s to be read in conjunction with all related drawings. Do not scale from this drawing. All
ust be checked and verified on site before commencing any work or producing shop drawings.
should be notified immediately of any discrepancy. This drawing is copyrighted and remains
originator.

3 | LOBBY - ELEVATION - NORTH

1/4" =

ELEV. LOBBY

CORRIDOR

103

PT-1

CR

24"

EQ

SECURITY THRESHOLD

PNL1.3

TZ-1

SIGNAG...

FLUSH T...

WALL F...

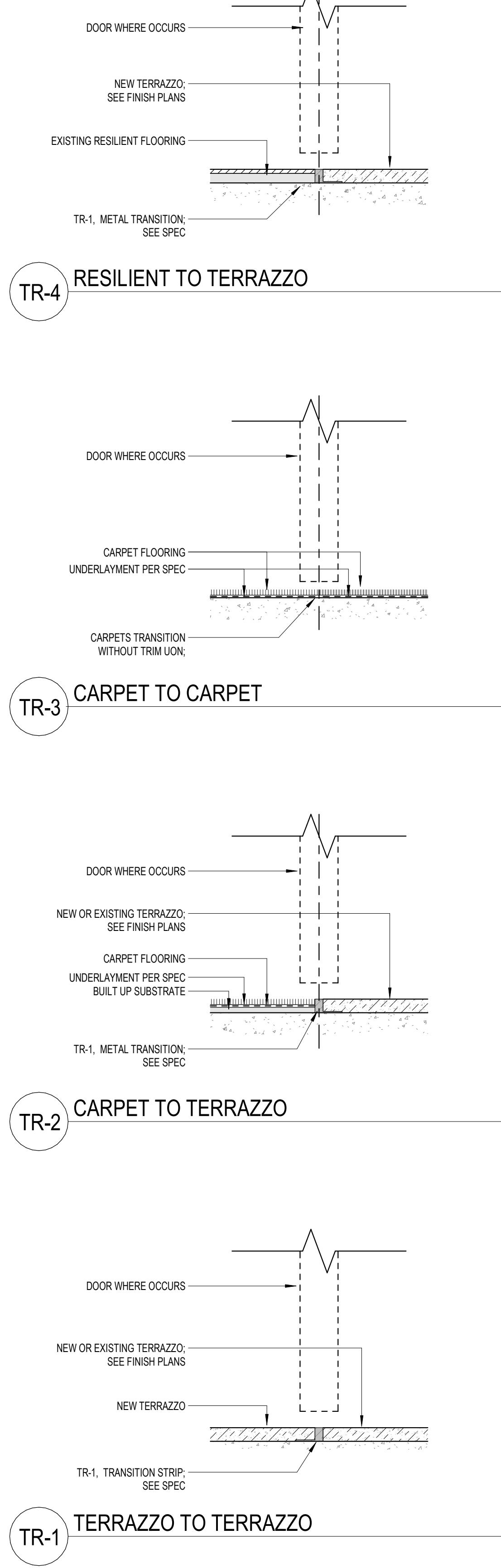
WALL B...

RB-3 TO...

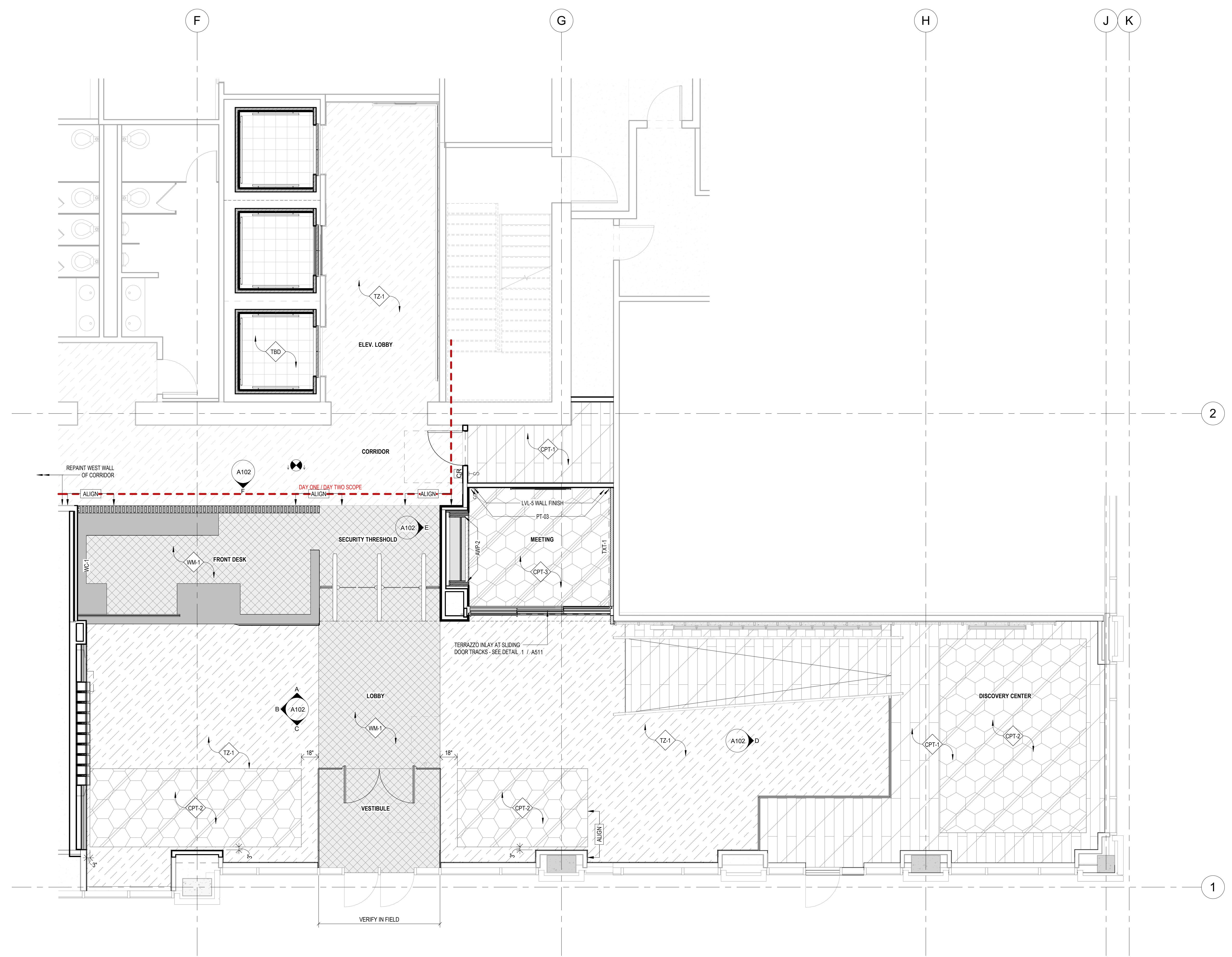
EDGE AT...

ENTRY THRESHOLD ELEVATION SOUTH

CORRIDOR - ELEVATION - WEST



FINISH FLOOR TRANSITIONS

1 LEVEL 01.0 - LOBBY - NEW CONSTRUCTION - FINISHES
14' x 1'-0"

FINISH PLAN LEGEND

HATCHES

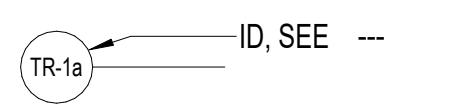


* ADDITIONAL PATTERNING WITHIN THE DRAWING INDICATES INSTALLATION METHOD.
SEE SPEC FOR UNIT SIZES AND LAYOUT.

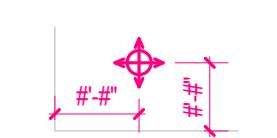
** "DEVICES" INCLUDE POWER OUTLETS, DATA OUTLETS, MECHANICAL DEVICES, SENSORS, AV EQUIPMENT, AND ETC.
CONTRACTOR TO CONFIRM ALL DEVICE COLORS WITH ARCHITECT PRIOR TO INSTALLATION

SYMBOLS

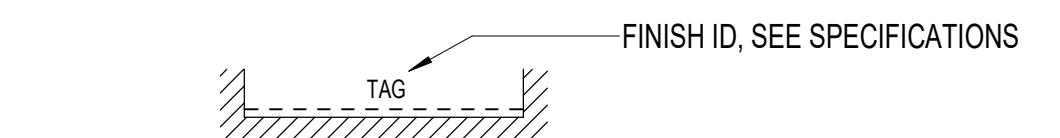
THRESHOLD TAG



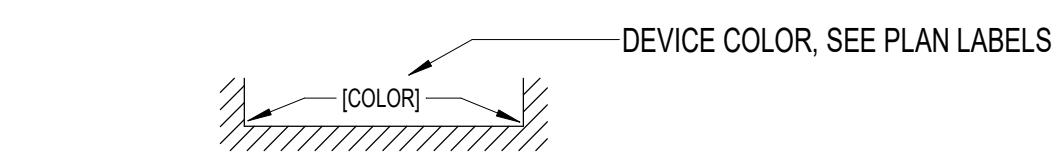
PATTERN ORIGIN POINT



WALL COVERS/ SPECIALTY FINISHES



SPECIALTY DEVICE COLORS



PROJECT ISSUANCE DATES

DATE DESCRIPTION

SHEET REVISIONS

Seal

RELEASE TITLE/ DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

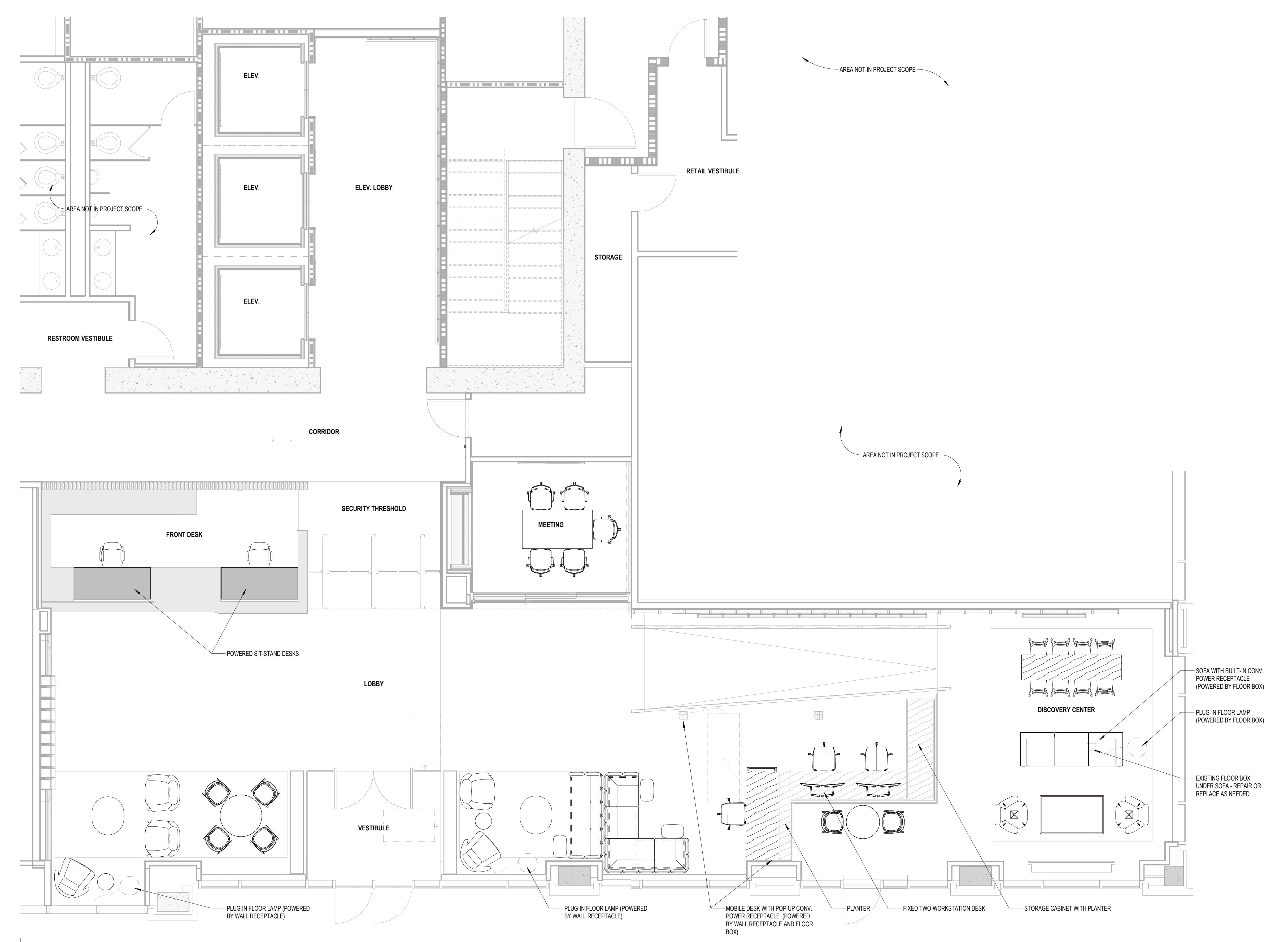
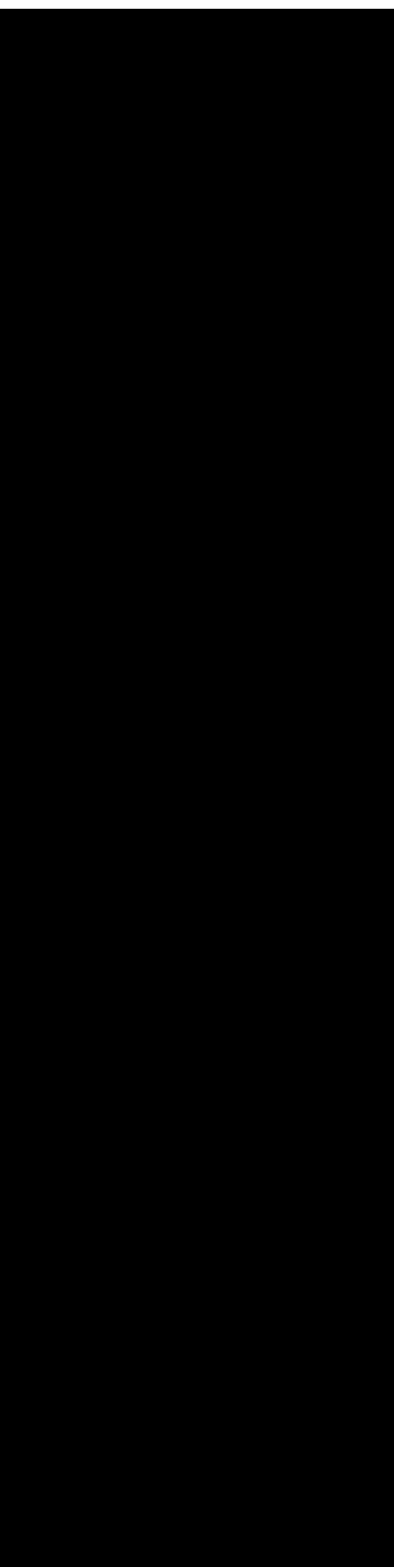
SEATTLE DC USE ONLY BELOW THIS LINE

SHEET TITLE:
LOBBY - PLAN (FINISHES)

SHEET NO.

A103

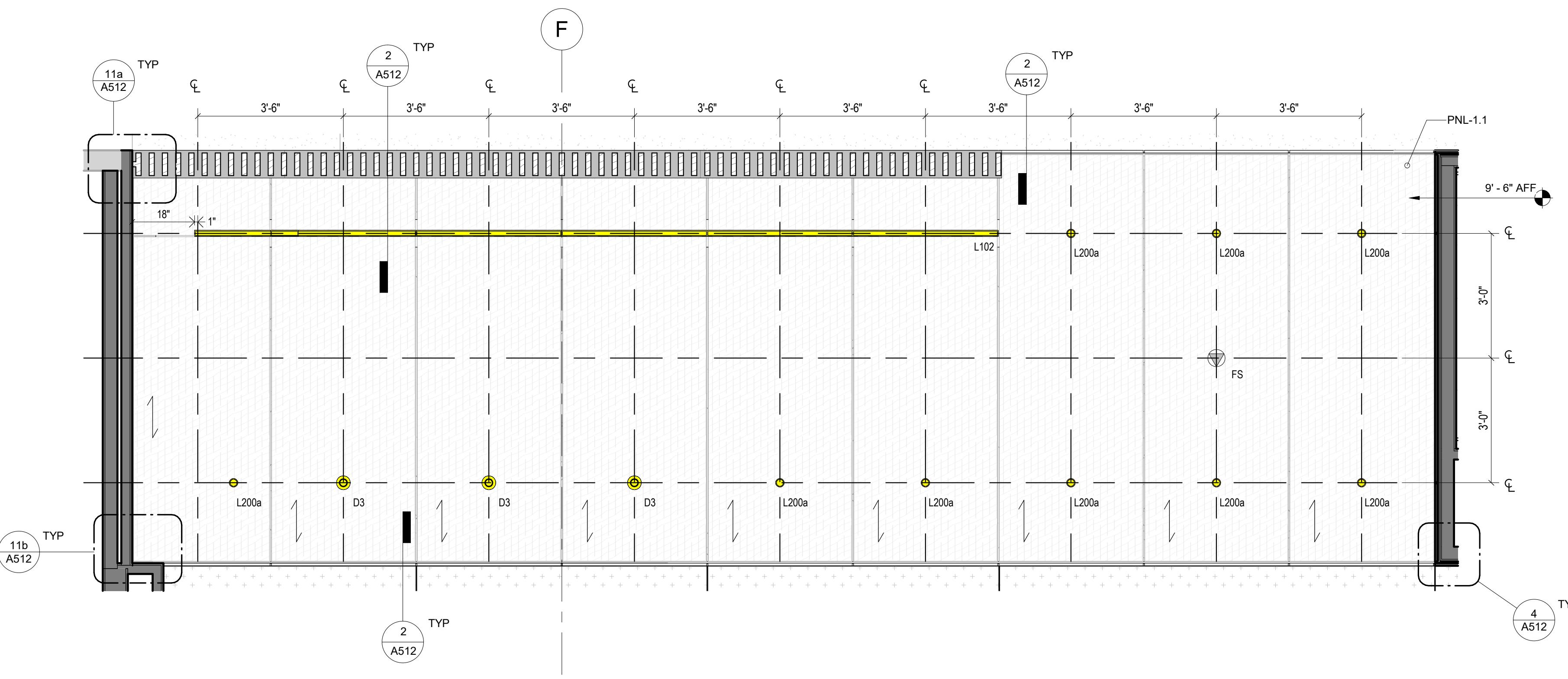
This drawing is to be read in conjunction with all related drawings. Do not scale from the drawing. All dimensions must be checked and verified on site before commencing the work or producing shop drawings. The original drawing must be checked immediately if any stamping. The drawing is copyrighted and remains property of the original.



Sheet No.

A105

This drawing is to be read in conjunction with all related drawings. Do not scale from the drawing. All dimensions must be checked and verified on site before commencing work or producing shop drawings. The original drawing must be checked and verified immediately if any stamping. The drawing is copyrighted and remains the property of the original.



TAG	DESCRIPTION	MANUFACTURER	MODEL	MODEL CODE	SIZE	FINISH	LAMP SOURCE				MOUNTING	INPUT		DIMMER/DRIVER	REMARKS
							TYPE	CRI	TEMPERATURE	DELIVERED LUMENS		WATTS	VOLTAGE		
D2	DECORATIVE LED PENDANT CONFERENCE	A EMOTIONAL LIGHT	V-LARGE	VV04G-B	41" DIA x 11.4"H	BLACK (N)	LED	90 CRI	3000K	1800 LM	PENDANT	20W	PER ELEC	ELV DIMMING	
D3	DECORATIVE CYLINDER LED PENDANT RECEPTION	GREYPANTS	ROEST 30V	ROEST-GP2001-C-STD-INT	2.375" DIA x 11.75"H	CARBON	LED	80 CRI	2700K		PENDANT	12W	PER ELEC	0-10V DIMMING 1%	
L100	RECESSED LED LINEAR WALL WASH MEETING ROOM	FINELITE	HP-2	HP-2-R-WW-D-(LENGTH)-V-930-K-SW-(VOLT)-SC-FC-1%-SF-FE-(FINISH)	2 7/8" W x 4"H x 96"L	WHITE	LED	90 CRI	3000K	992 LM/FT	RECESSED (FLANGED)	4.9W/FT	PER ELEC	0-10V DIMMING 1%	
L101	RECESSED 2X2 LED TROFFER STORAGE ROOM	FINELITE	HPR 2X2	HPR LED-ANR-2X2-S-930-DCO-96LG-(VOLT)-FC-10%-(CEILING)-96LG	24"x24"	WHITE	LED	90 CRI	3000K	3142 LM/FT	RECESSED (CEILING GRID)	28.6W	PER ELEC	0-10V DIMMING 1%	
L102	RECESSED LINEAR LED WALL WASH RECEPTION	FINELITE	HP-2	HP-2-R-WW-D-(LENGTH)-V-930-K-SW-(VOLT)-SC-FC-1%-VF-FE-(FINISH)	2 7/8" W x 4"H (Length Per Plan)	BLACK	LED	90 CRI	3000K	992 LM/FT	SURFACE (SEE DETAIL)	4.9W/FT	PER ELEC	0-10V DIMMING 1%	
L200	RECESSED ROUND LED DOWNLIGHT LOBBY	LUCIFER	ATOMOS	A2RS-F-1-WH-WH-FD-I-9010D-30-50-4-SN	2"AP x 7.75"W x 5.52"H x 12.75)L	WHITE	LED	90 CRI	3000K	726 LM	RECESSED (FLANGED)	12W	PER ELEC	0-10V DIMMING 1%	
L200a	RECESSED ROUND LED DOWNLIGHT RECEPTION	LUCIFER	ATOMOS	A2RS-F-1-BK-BK-FD-I-9010D-30-50-4-SN	2"AP x 7.75"W x 5.52"H x 12.75)L	BLACK	LED	90 CRI	3000K	726 LM	RECESSED (FLANGED)	12W	PER ELEC	0-10V DIMMING 1%	
L201	TRACK MOUNTED PENDANT ROUND LED DOWNLIGHT LOBBY / DISCOVERY LOUNGE	LIGHTING SERVICES INC	LX2048	TRACK HEAD: LSI LSX2048 LSX2048-V18-28-90-30-M6-CTI-10-(VOLT)-(FINISH)	4 1/4" DIA x 8"H	BLACK	LED	90 CRI	3000K	2016 LM	TRACK	23W	PER ELEC	0-10V DIMMING 1%	
T-1	EXISTING TRACK TO BE RELOCATED LOBBY / DISCOVERY LOUNGE	LIGHTING SERVICES INC	3 SERIES	TRACK: LSI 3 SERIES	1 13/16"W x 1 7/16"H (Length Per Plan)	BLACK	N/A	N/A	N/A	N/A	SURFACE	N/A	PER ELEC	N/A	1. CONTRACTOR TO CONFIRM SPECIFICATIONS OF EXISTING TRACK INCLUDING NUMBER OF CIRCUITS WITH EXISTING TRACK. 2. CONTRACTOR TO TAKE INVENTORY OF EXISTING INSTALLED LENGTHS OF TRACK AND RE-USE EXISTING TRACK LENGTHS WHEREVER POSSIBLE. REVISED LAYOUT OF TRACK LOCATIONS MAY REQUIRE NEW TRACK LENGTHS TO BE ORDERED AND INSTALLED. SEE 1A/A11 FOR NEWLY LOCATED TRACK LENGTHS.
X-R	EXIT SIGN	LITHONIA LIGHTING	EDGR	EDGR-(COLOR)-(FACE)-(LETTER COLOR)		W / GMR	LED	N/A	N/A	N/A	RECESSED CEILING		PER ELEC	N/A	PROVIDE MOUNT KITS PER PLAN

2 | ENLARGED CEILING PLAN - SECURITY THRESHOLD

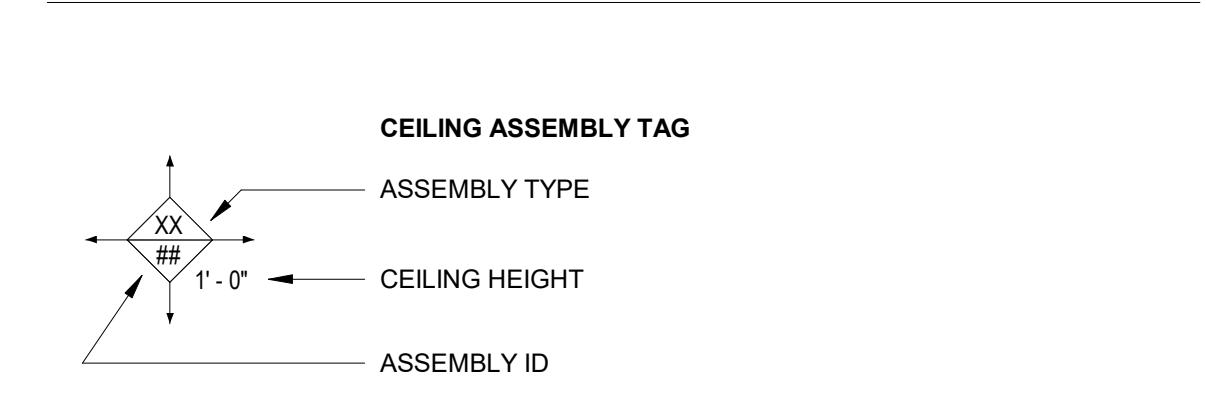
$1/2"$ = 1'-0"

NOTES - LIGHTING

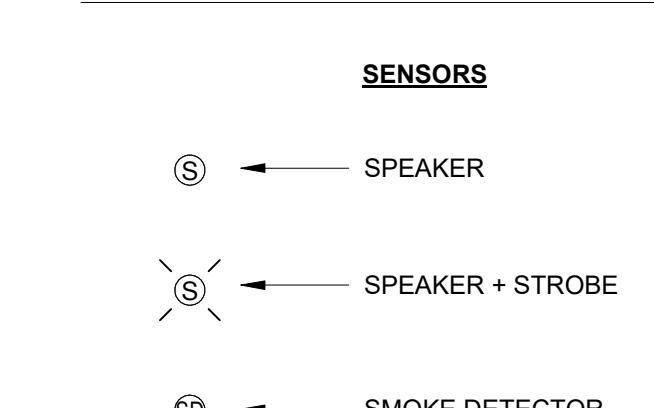
- A. LIGHTING CONTROL SEQUENCE OF OPERATIONS:
 - a. LOBBY: AUTOMATIC ON/OFF VIA TIMECLOCK WITH LOCAL OVERRIDE DIMMING SWITCHES PROVIDED AT RECEPTION. PROVIDE CONTINUOUS DIMMING WITH DIMMING ZONES PER LUMINAIRE TYPE.
 - b. MEETING ROOM: CEILING MOUNTED VACANCY SENSOR WITH LOCAL DIMMER SWITCH FOR MANUAL-ON AUTOMATIC-OFF CONTROL. PROVIDE CONTINUOUS DIMMING WITH DIMMING ZONES PER LUMINAIRE TYPE.
 - c. CIRCULATION: CEILING MOUNTED OCCUPANCY SENSOR FOR AUTOMATIC-ON AUTOMATIC-OFF CONTROL.
 - d. BACK OF HOUSE: CEILING MOUNTED VACANCY SENSOR WITH LOCAL SWITCH FOR MANUAL-ON AUTOMATIC-OFF CONTROL. CONTINUOUS DIMMING PROVIDED WHERE APPLICABLE.
 - e. ELECTRICAL / MECHANICAL SPACES WHERE PERSONAL SAFETY IS A CONCERN WILL HAVE LINE VOLTAGE SWITCHES ONLY WITH NO AUTOMATIC CONTROLS. PROVIDE SIGNAGE PER THE ARCHITECTURAL SPECIFICATIONS TO BE PLACED NEAR DOORS EXITING THE SPACE INDICATING "TURN OFF THE LIGHTS".
 - f. DAYLIGHT HARVESTING: GRADUAL DIMMING IN PRIMARY AND SECONDARY DAYLIGHT ZONES AS REQUIRED.
 - 1. PHOTOCELL SET POINT: 60 FC
 - 2. DEADBAND: 3 MIN
 - g. CONTROLLED RECEPTACLES: PROVIDE CONTROLLED RECEPTACLES TIED TO TIMECLOCK FOR FLOOR LAMPS AT SEATING AREAS WITHIN THE LOBBY.
 - h. EXISTING FIXTURES FROM VISUAL DISPLAY TO BE REPAIRED OR REPLACED AS NEEDED. VERIFY CONDITION IN FIELD.

REFLECTED CEILING PLAN LEGEND

COMPONENT ID TAGS



COMPONENT SYMBOLS - D

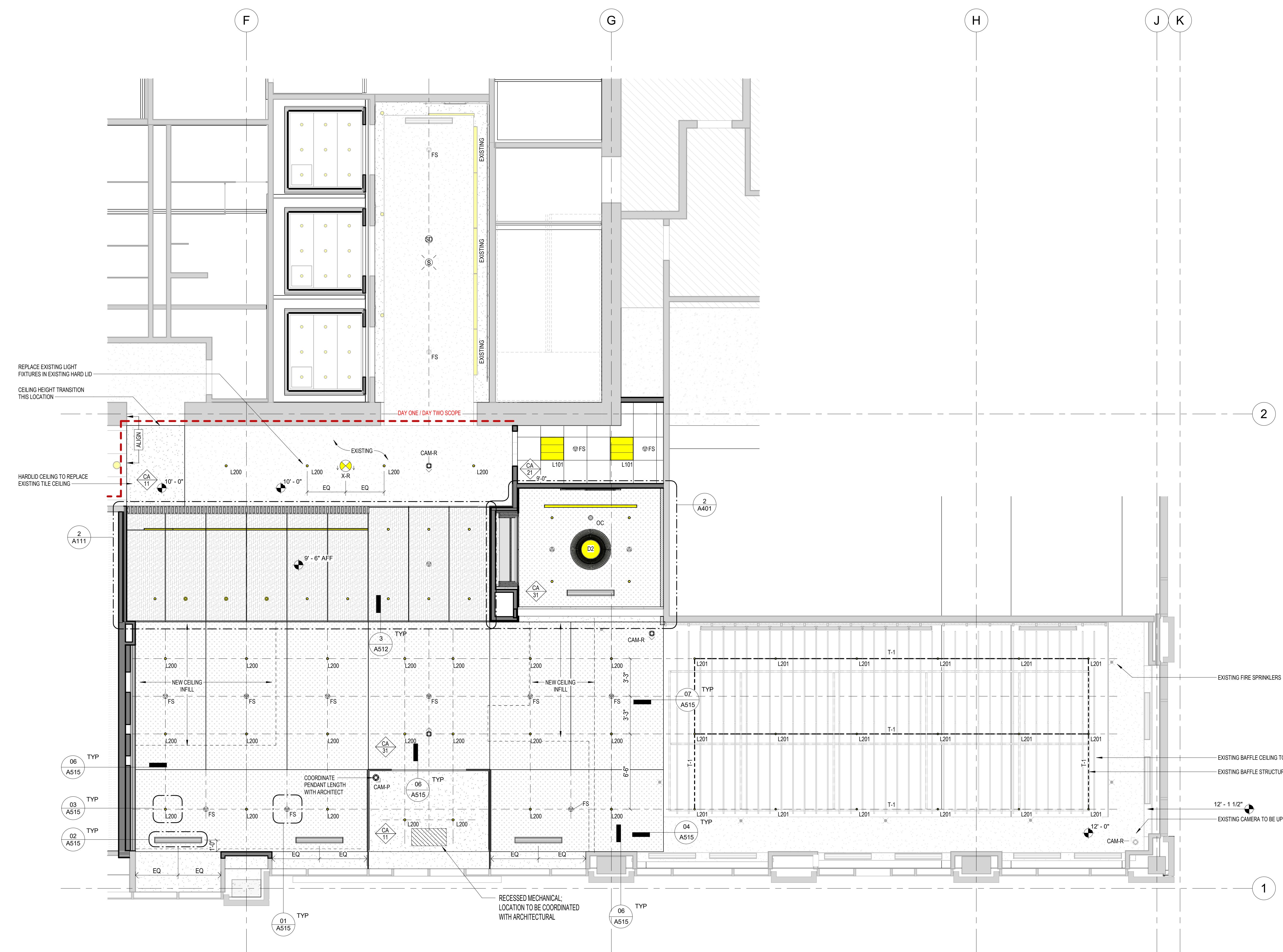
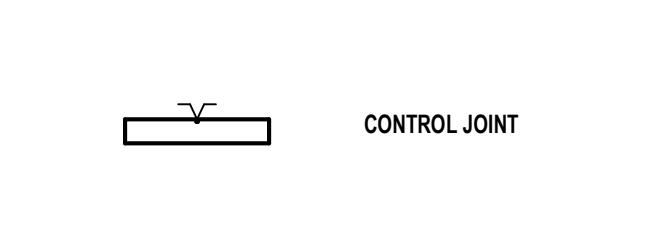
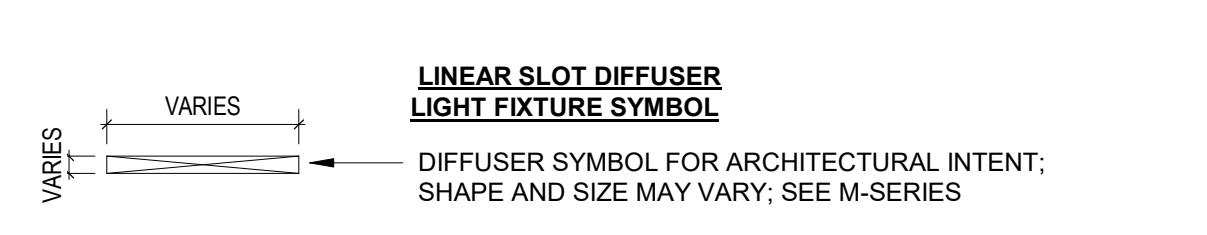


COMPONENT SYMBOLS - LIGHT FIXTURES



OCCUPANCY/LIGHT SENSOR

COMPONENT SYMBOLS - MECHANICAL



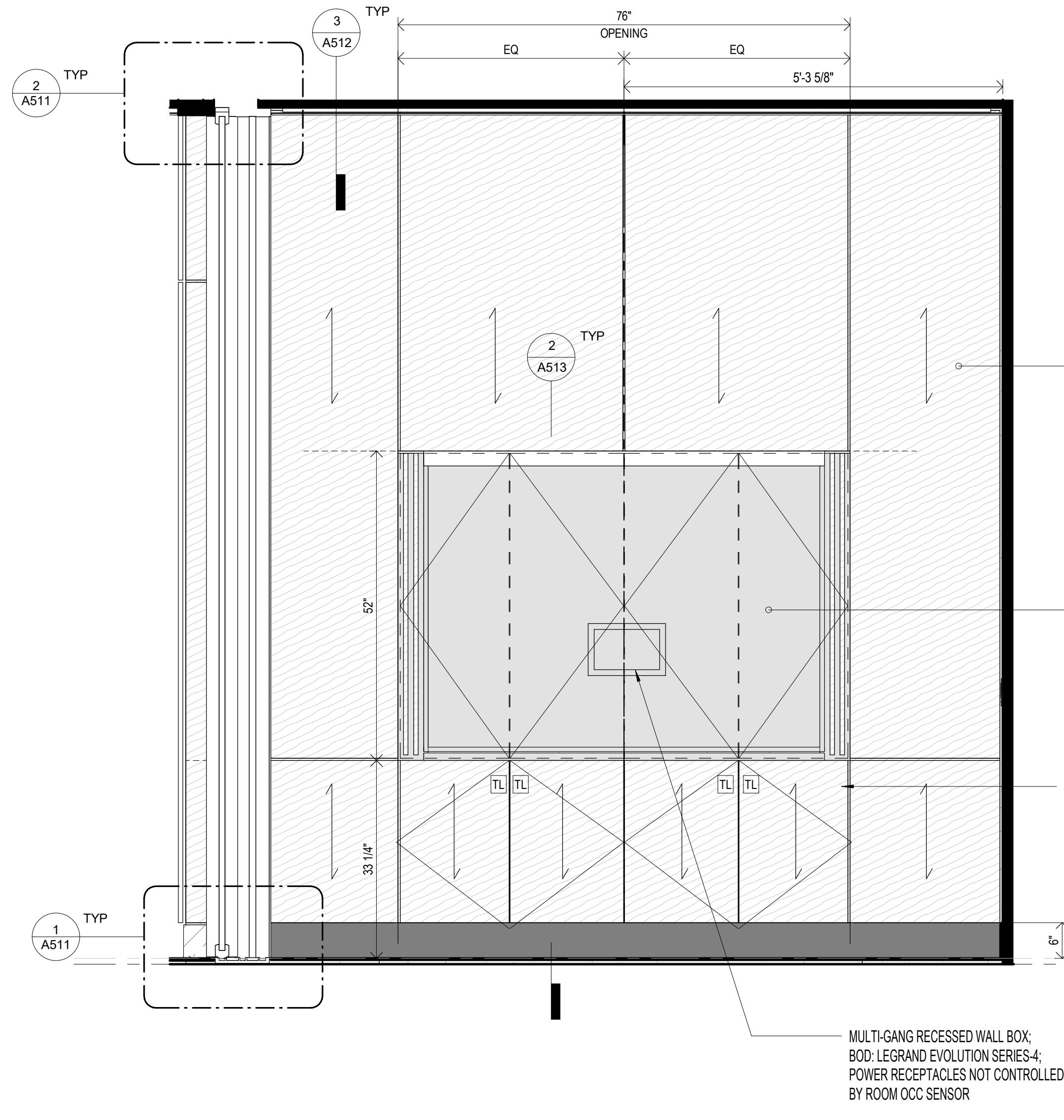
1 | CEILING PLAN - LOBBY - NEW CONSTRUCTION

$1/4"$ =

A horizontal line representing a floor plan. Vertical tick marks indicate dimensions: 0', 4', 8', 16', and 32'. To the right of the 32' mark is the text "PROJECT NORTH" above a compass rose icon.

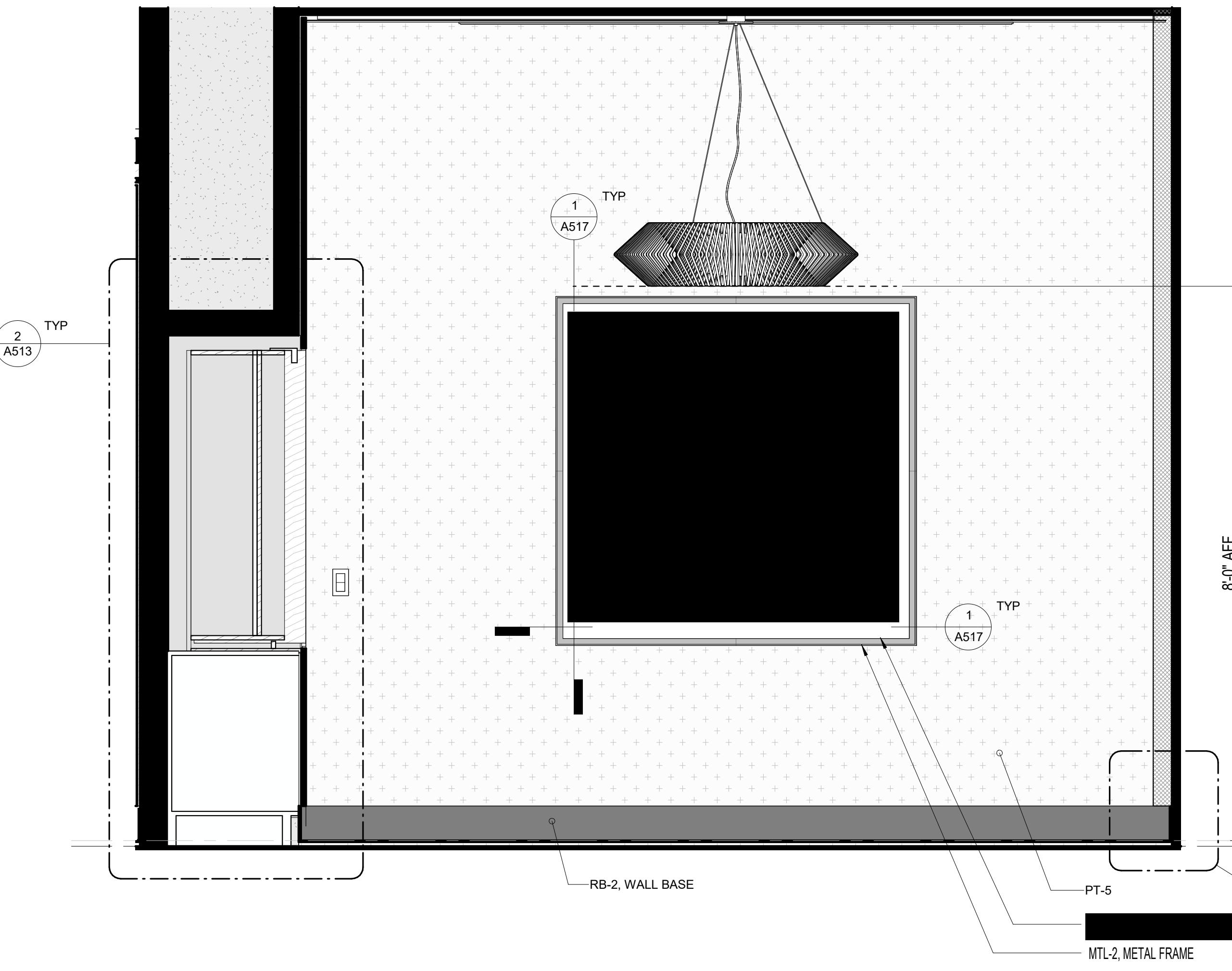
A111

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The originator should be notified immediately of any discrepancy. This drawing is copyrighted and remains property of the originator.

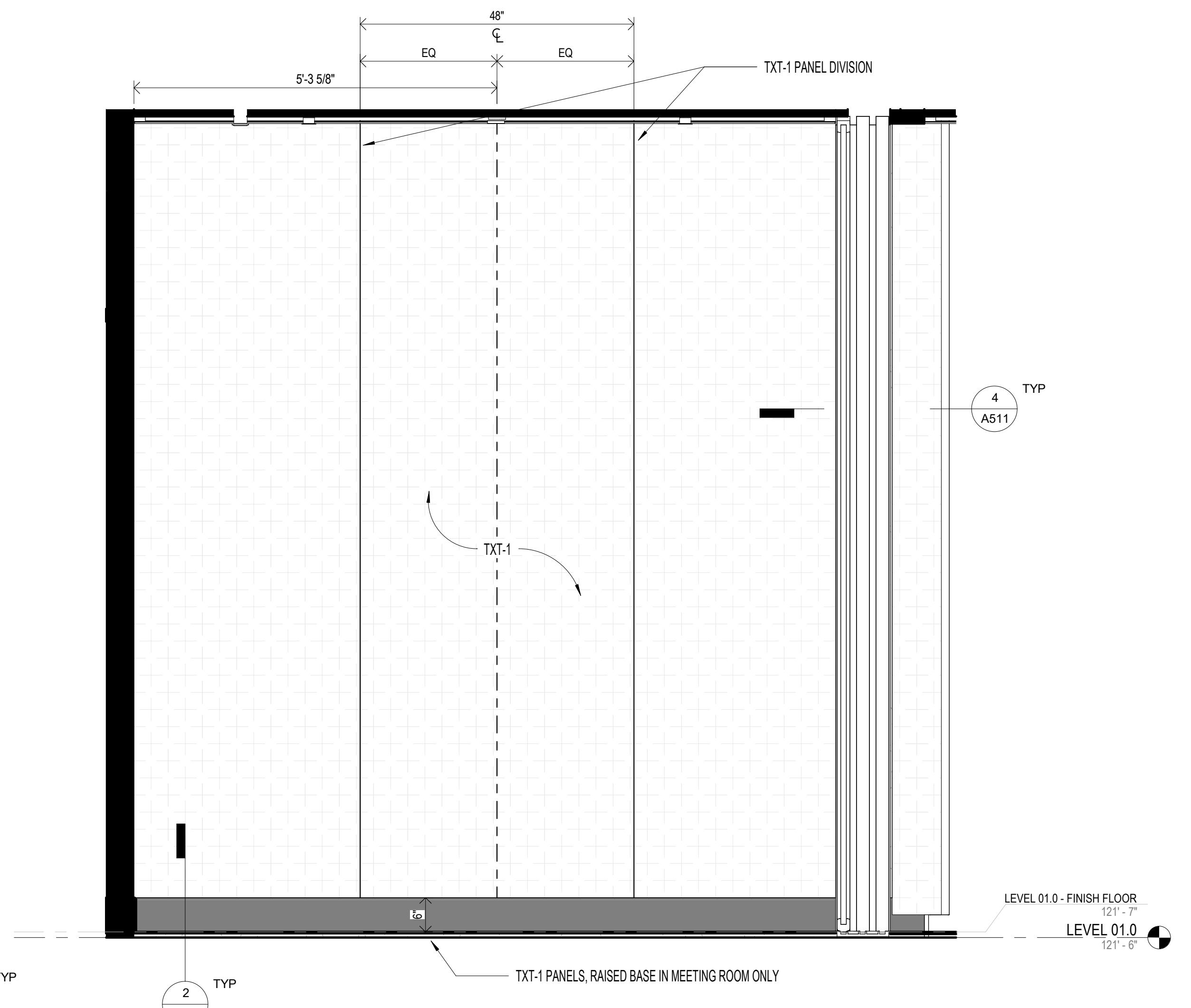


C MEETING ROOM - INTERIOR ELEVATION - NORTH

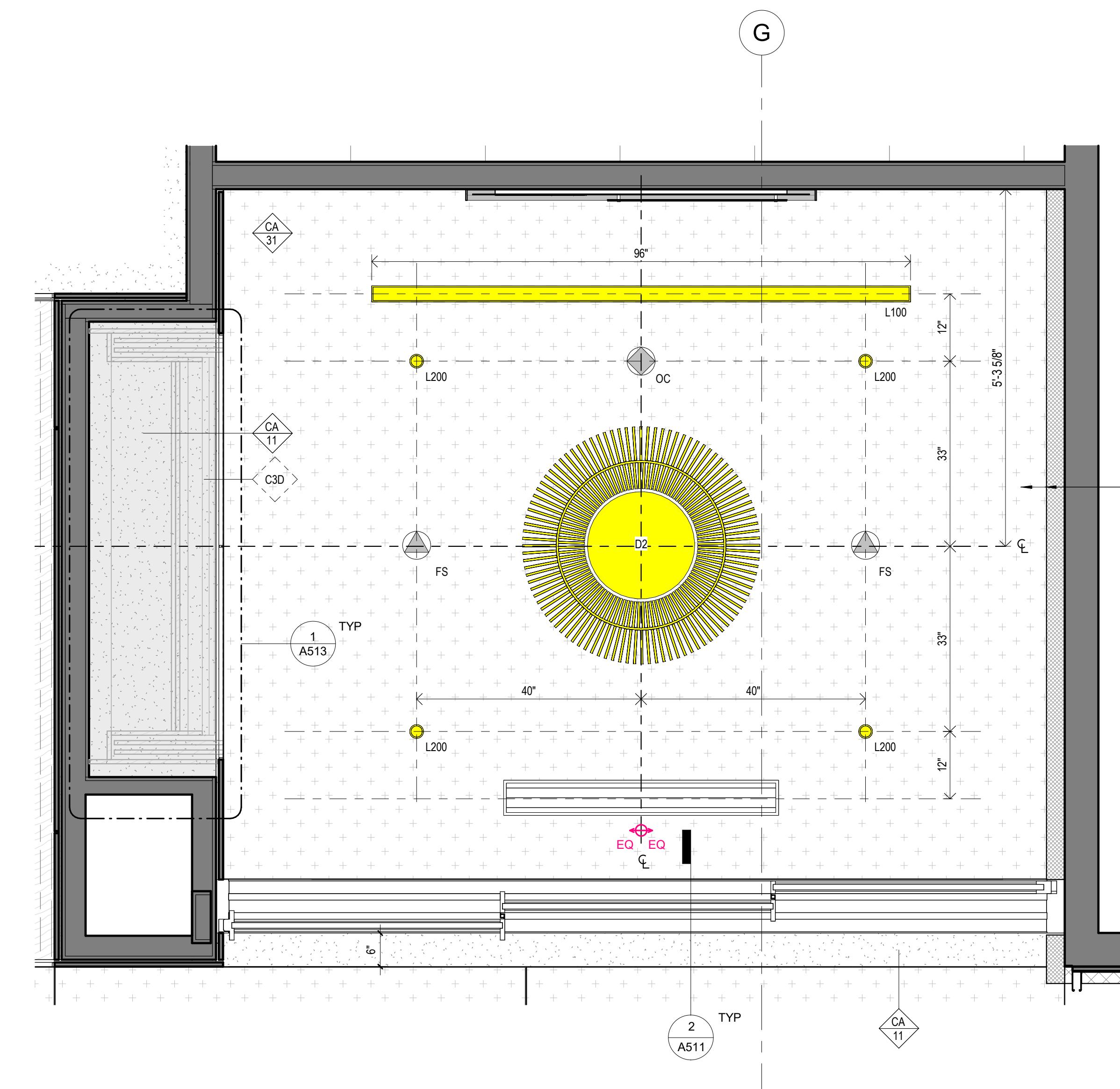
$$3/4" = 1'-0"$$



B | MEETING ROOM - INTERIOR ELEVATION - EAST



A | MEETING ROOM - INTERIOR ELEVATION - SOUTH



2 | ENLARGED CEILING PLAN - MEETING ROOM



1

Seal

RELEASE TITLE / DATE

CONSTRUCTION DOCUMENT SET

2025.03.17

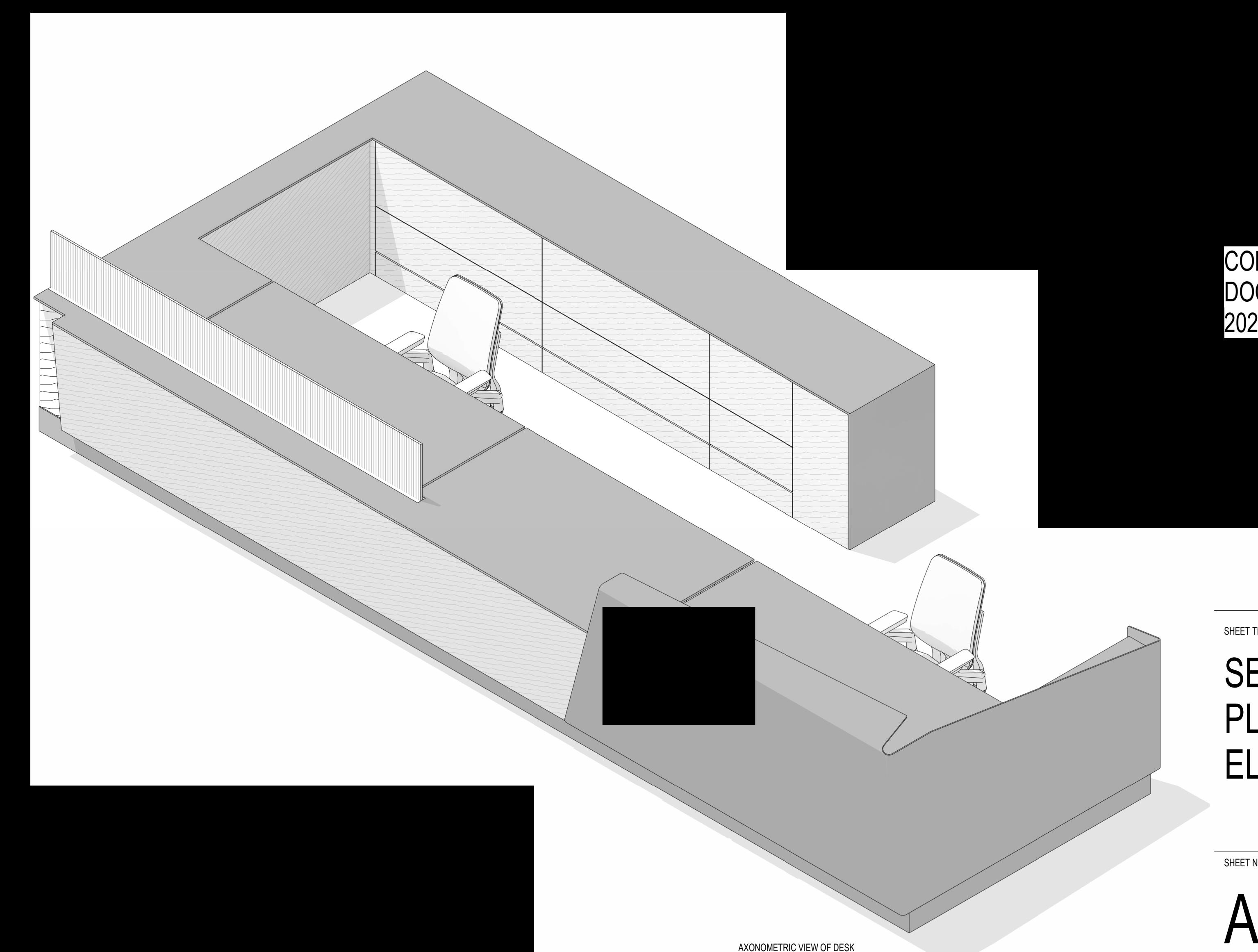
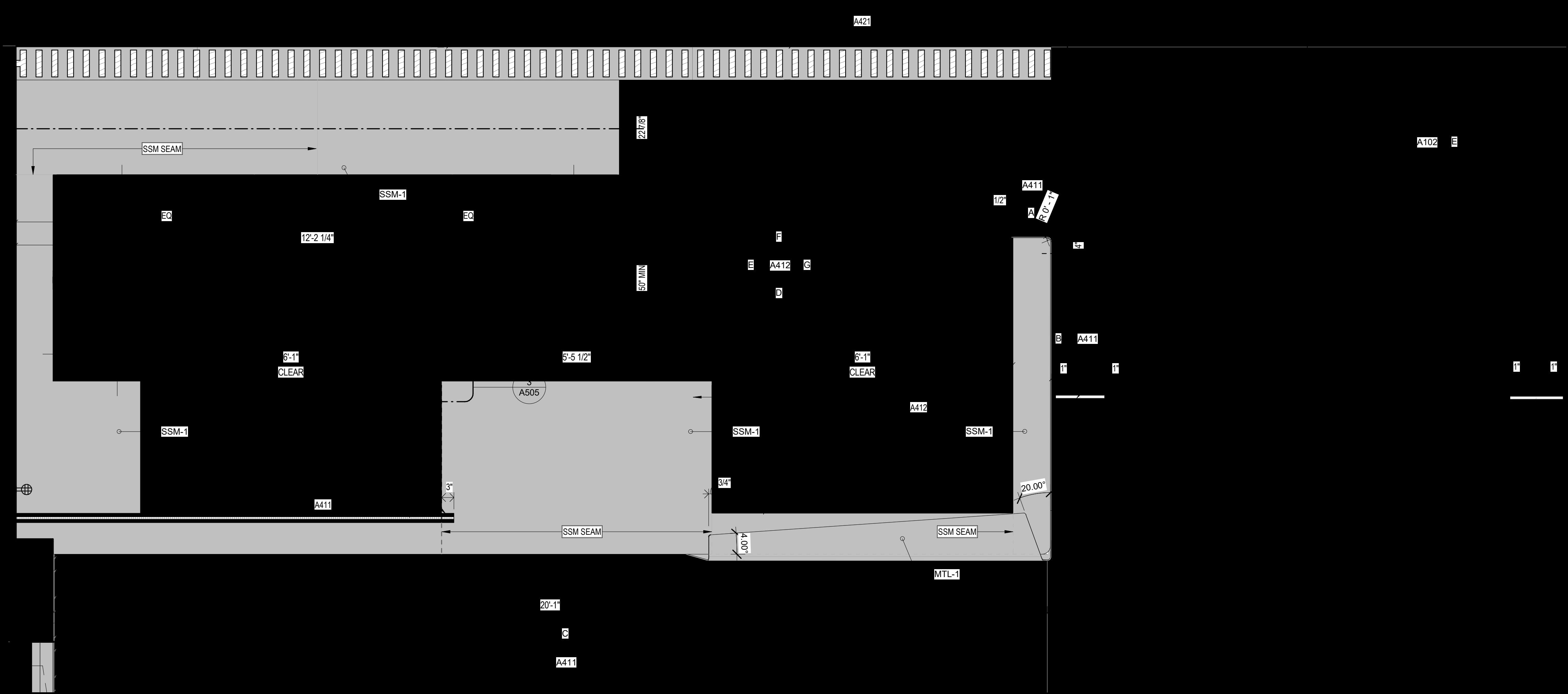
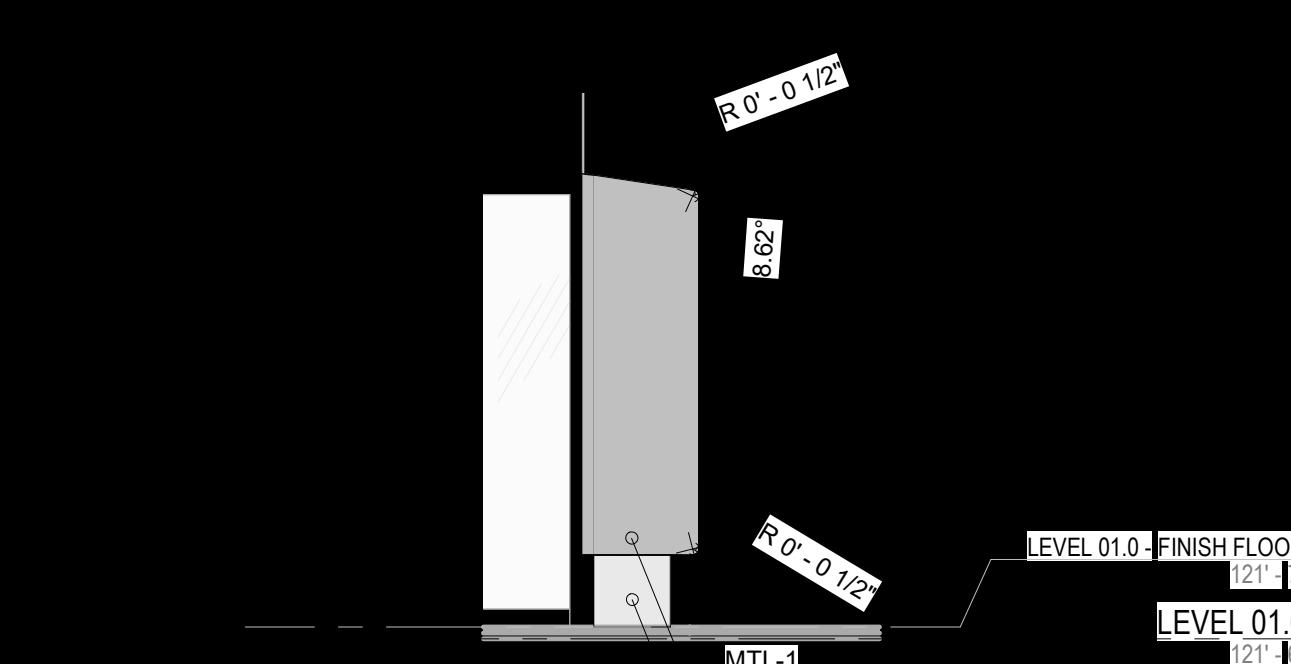
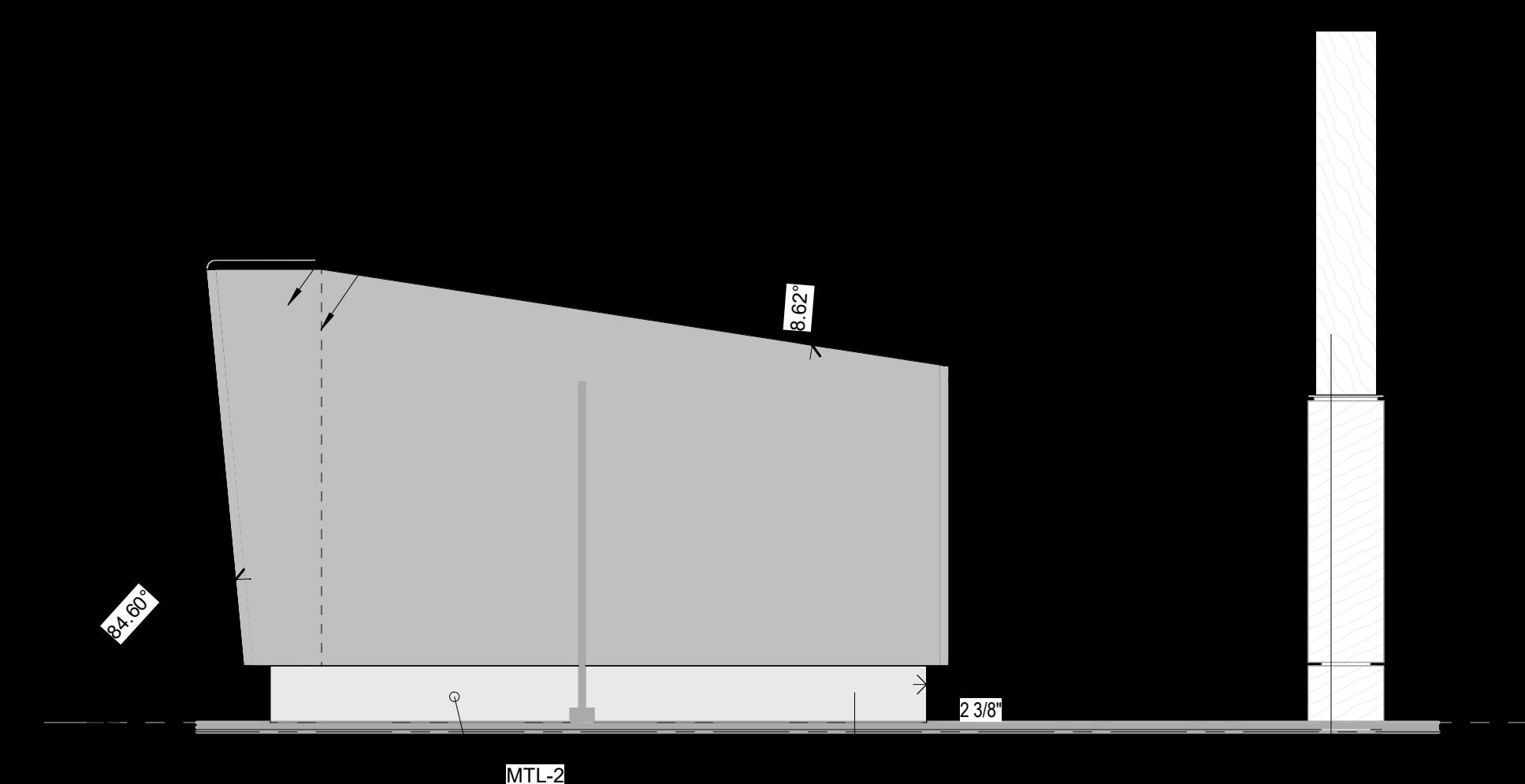
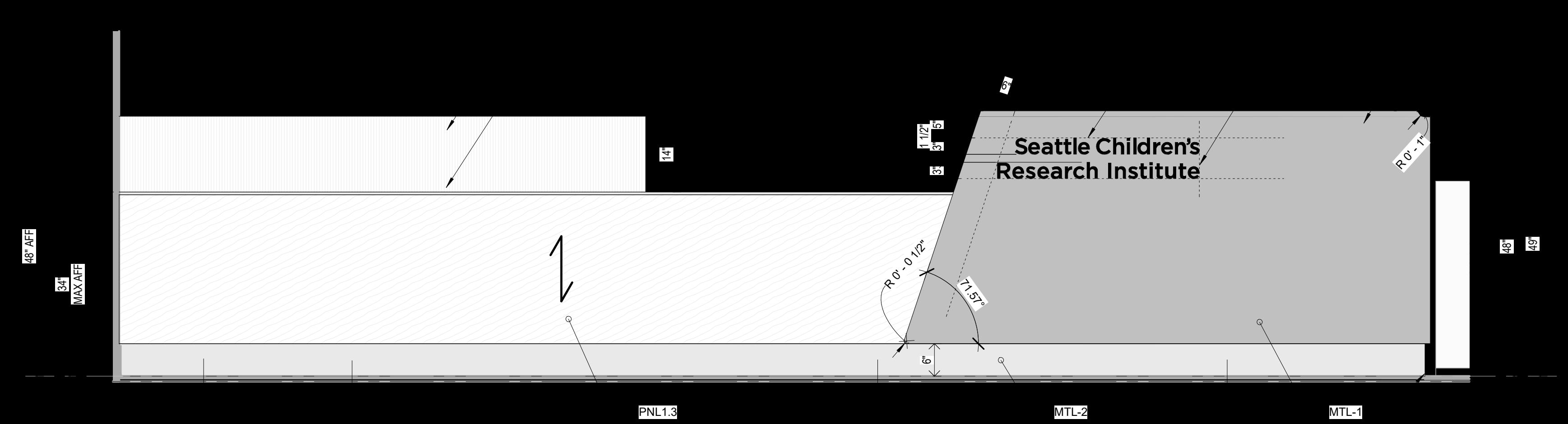
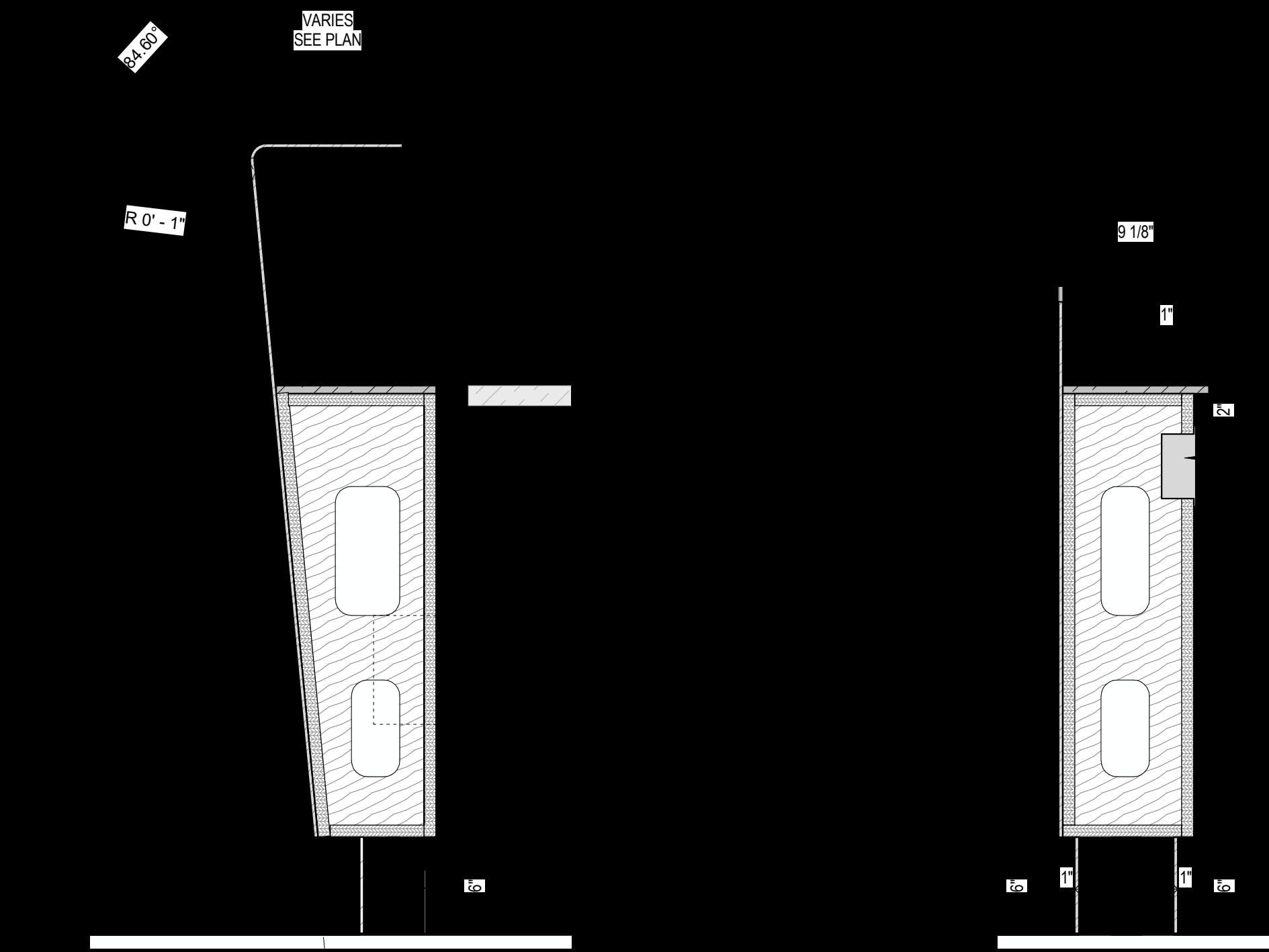
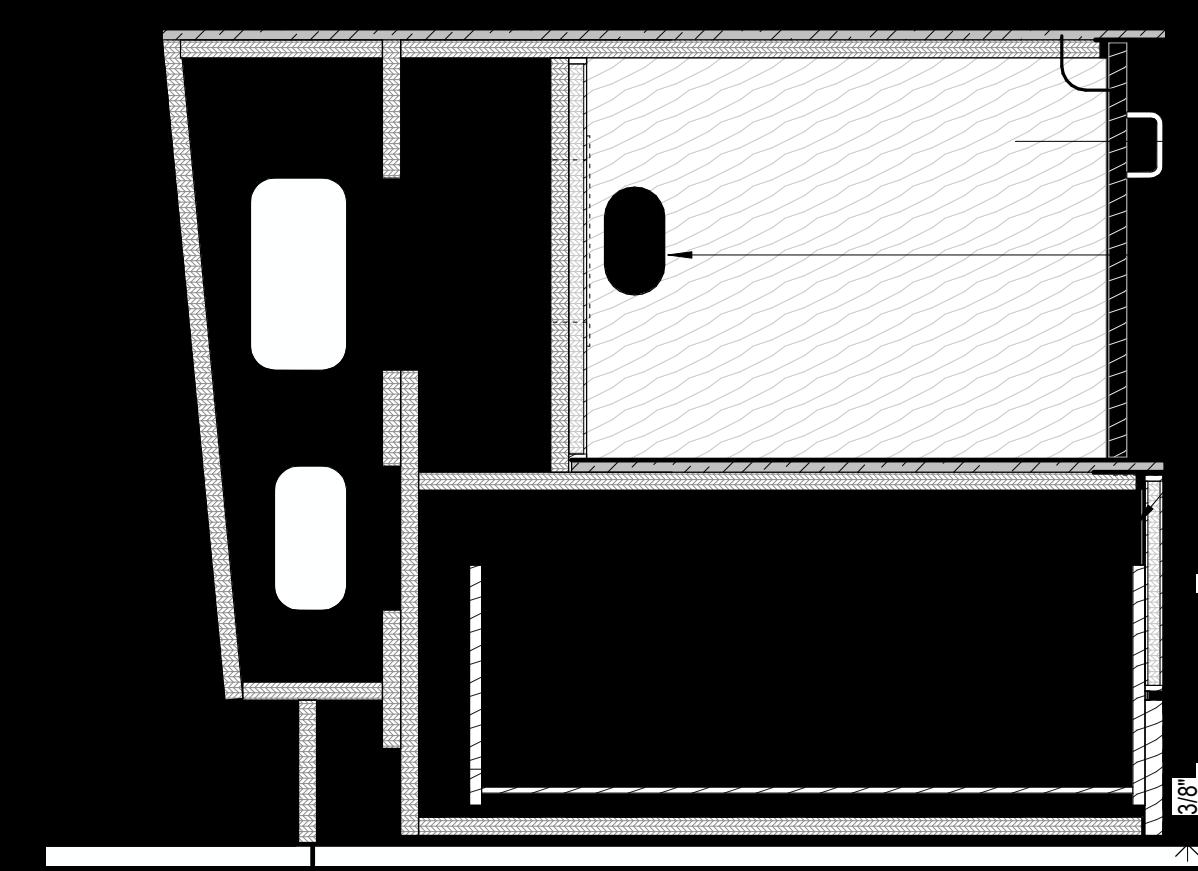
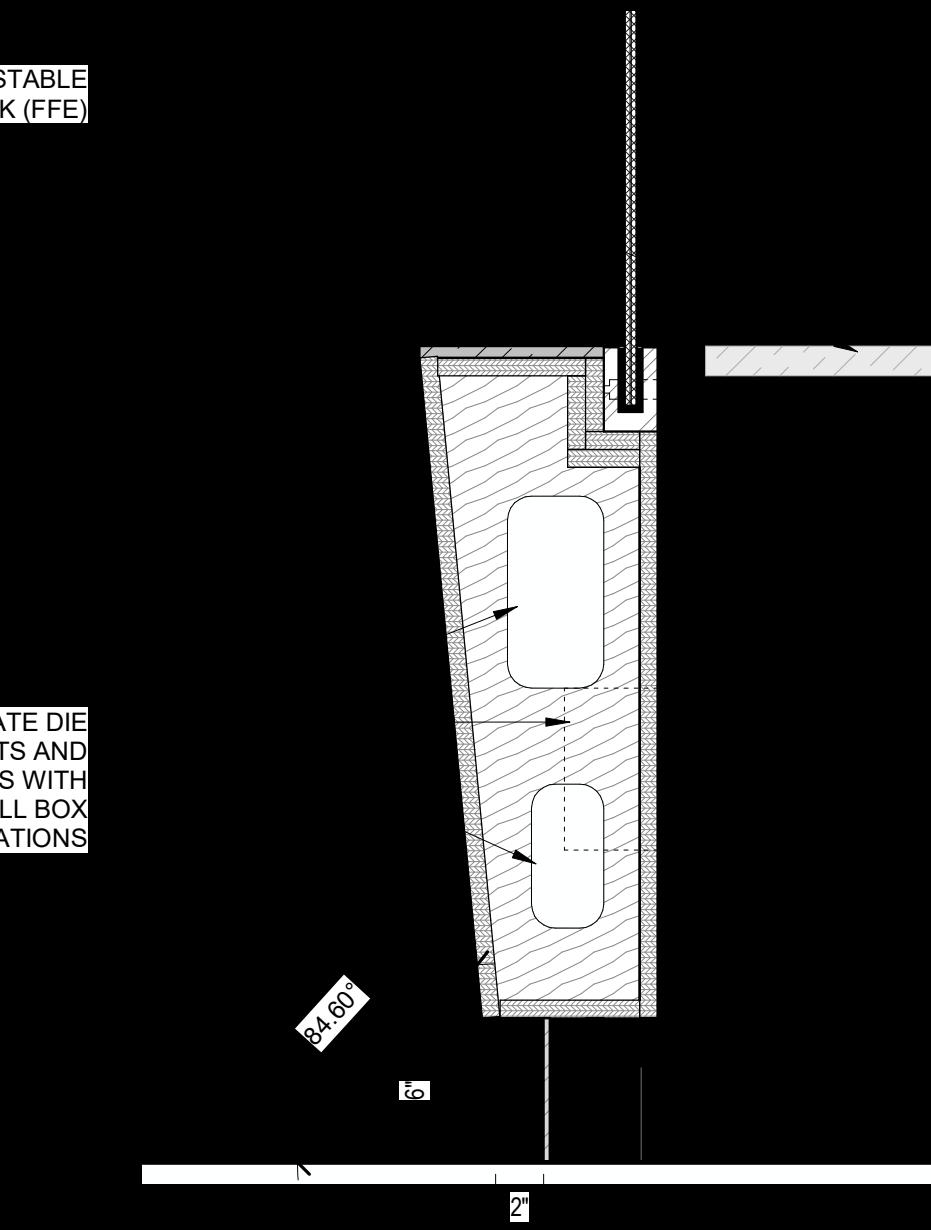
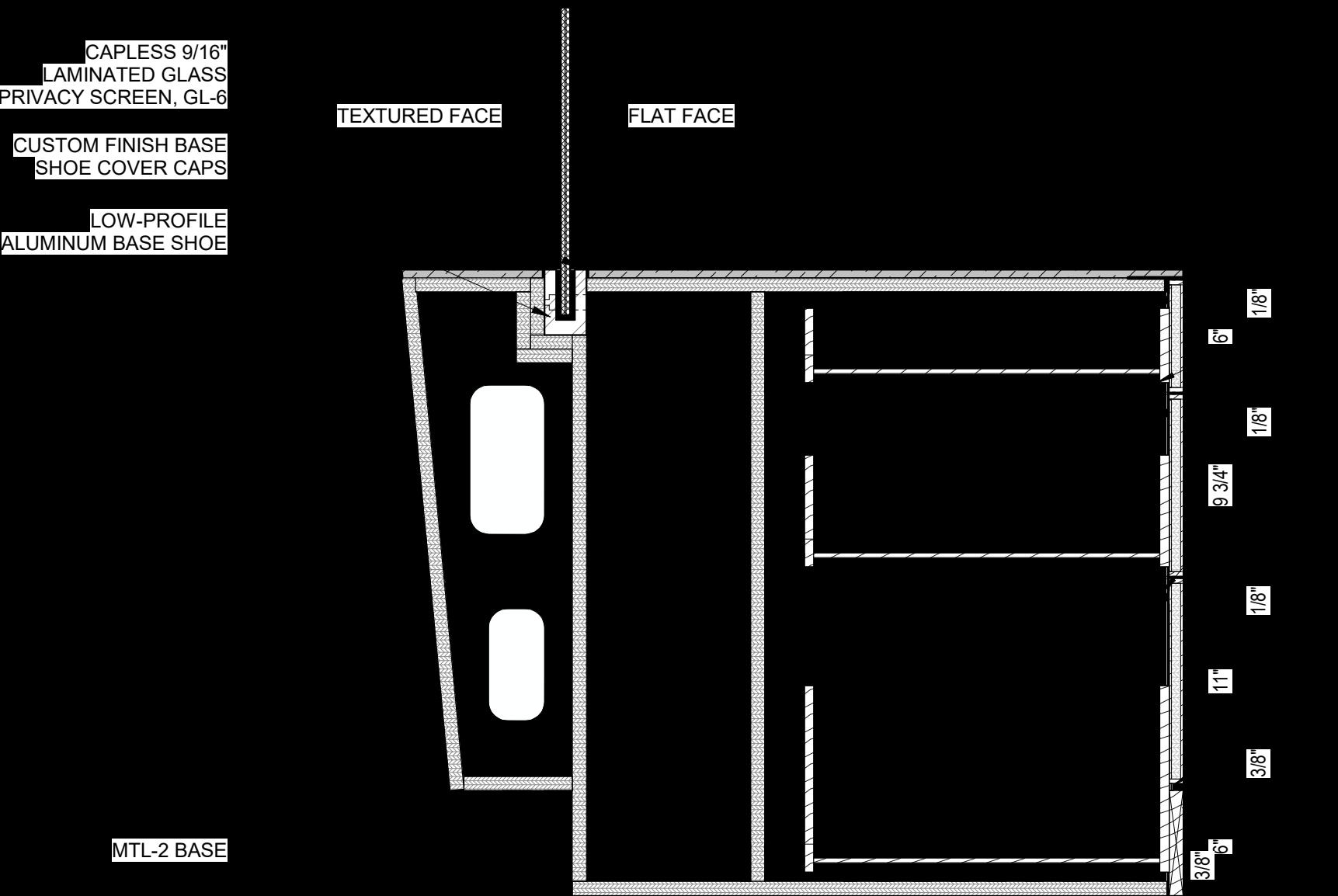
SEATTLE POLICE ONLY BELOW THIS LINE

MEETING ROOM - ENLARGED PLANS AND ELEVATIONS

SHEB

A401

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The originator should be notified immediately of any discrepancy. This drawing is copyrighted and remains property of the originator.



CONSTRUCTION DOCUMENT SET

2025.03.17

SHEET TITLE:

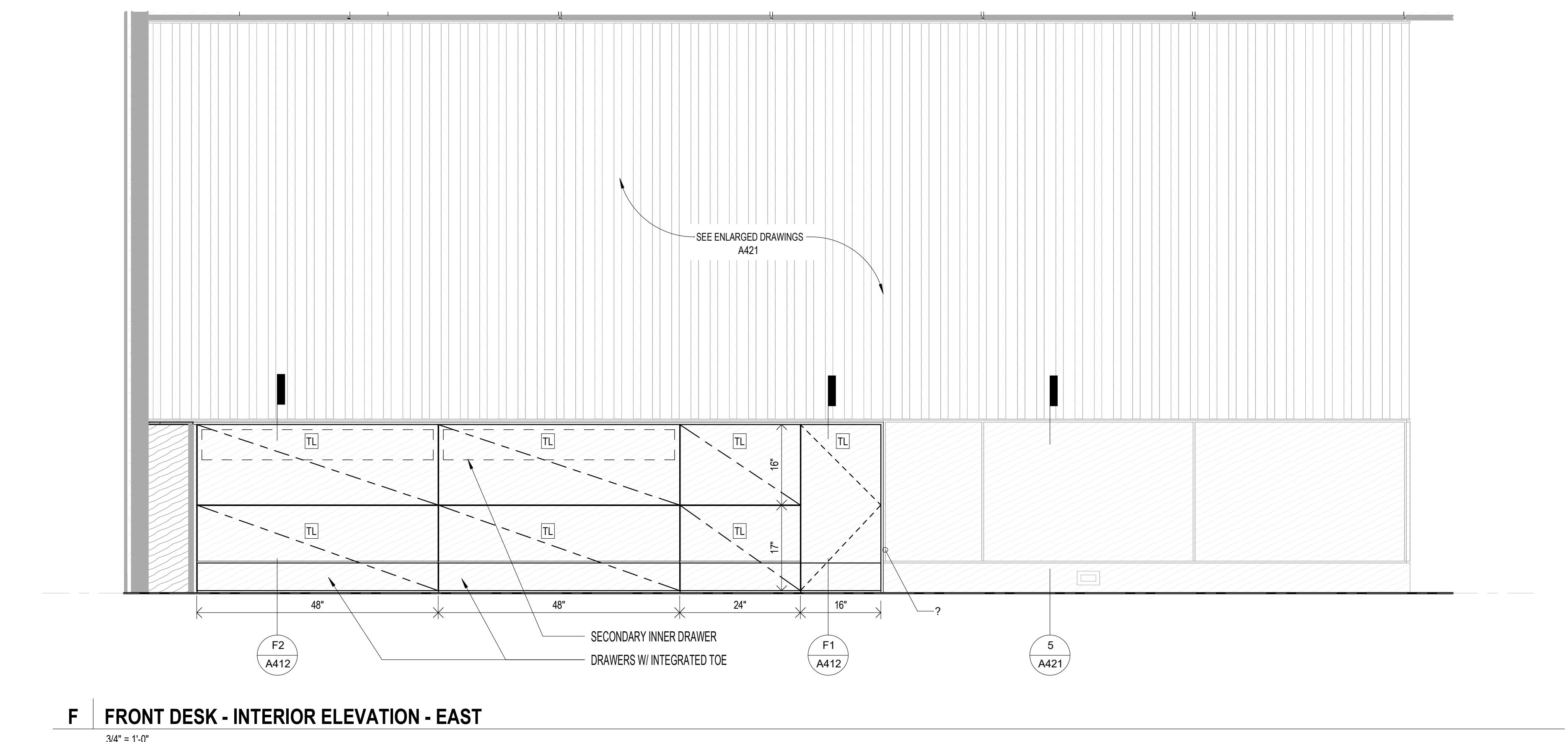
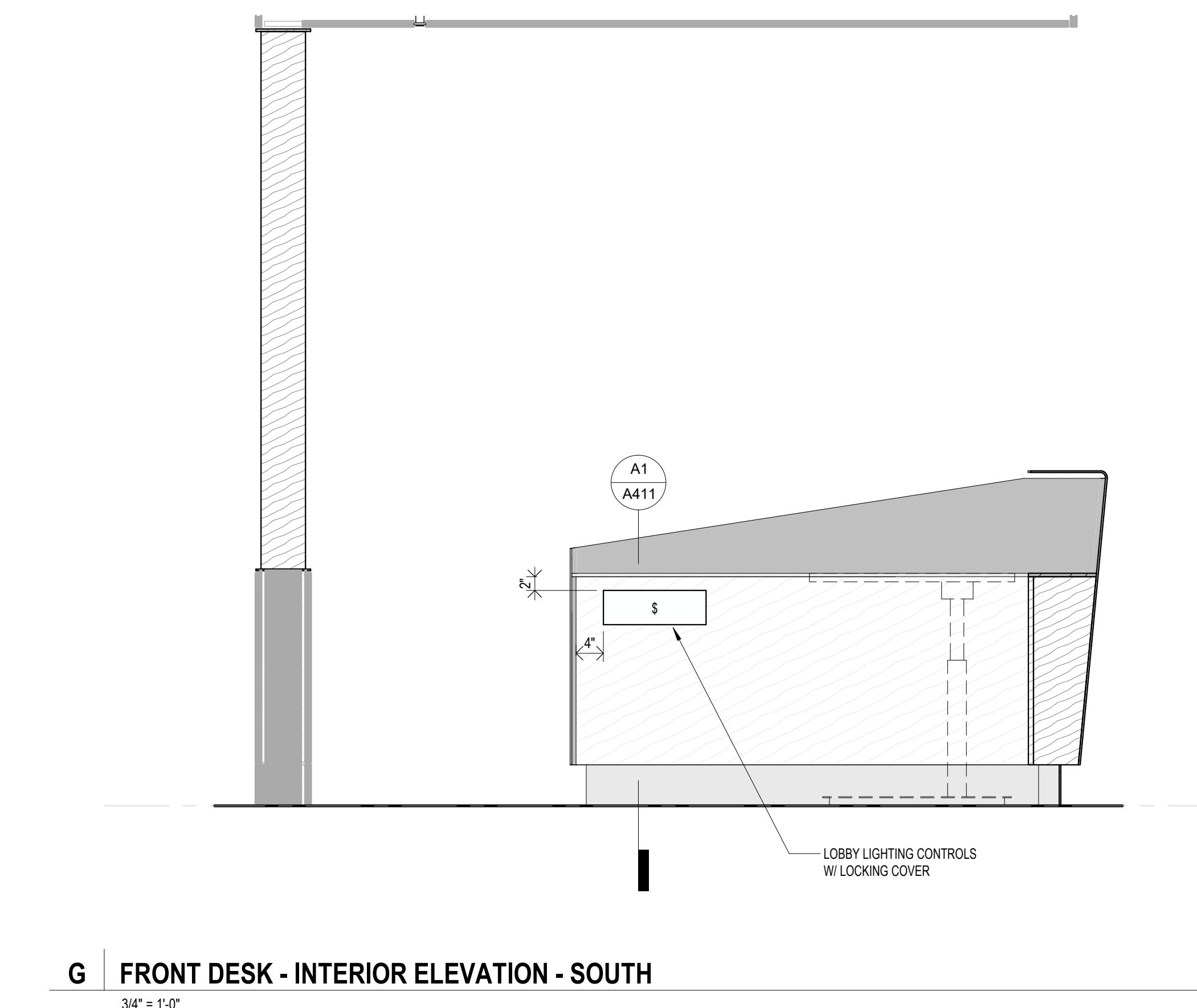
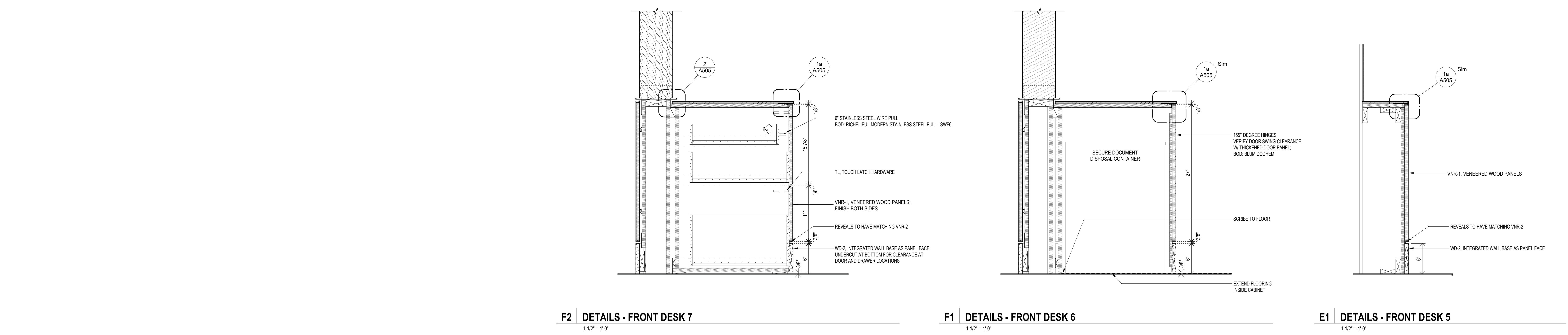
SEC

PLAN

ELEV

SHEET NO.

**AXONOMETRIC VIEW OF DESK
(FOR REFERENCE ONLY)**



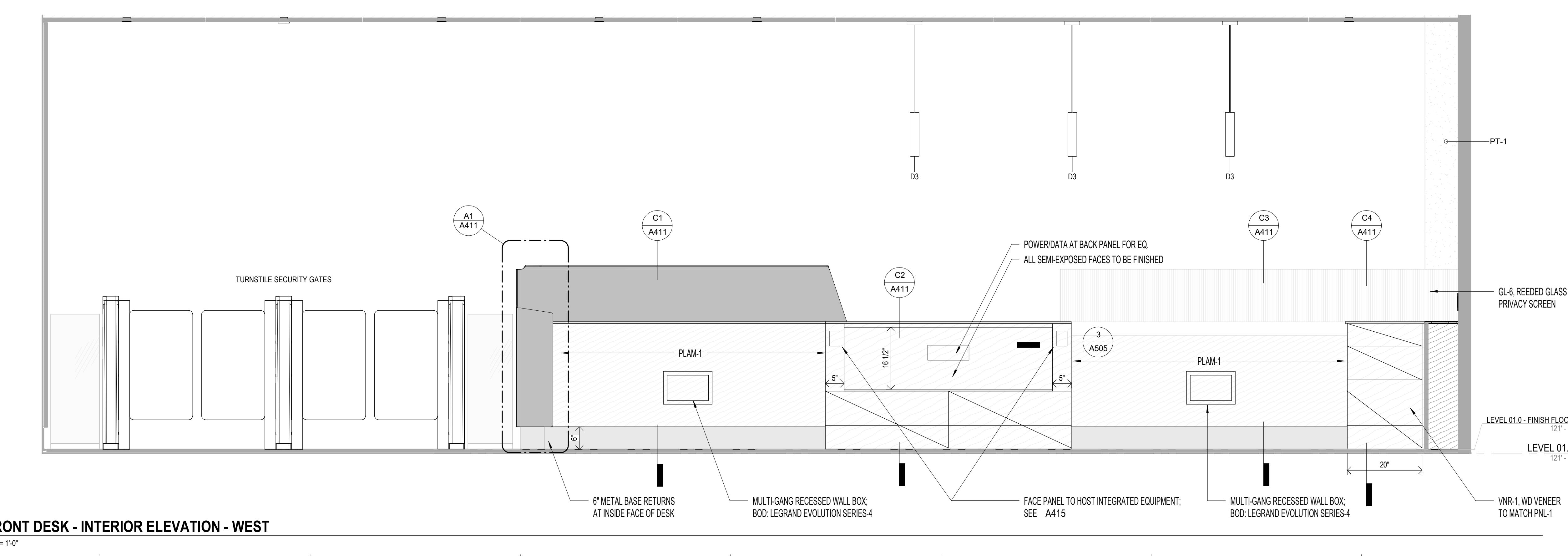
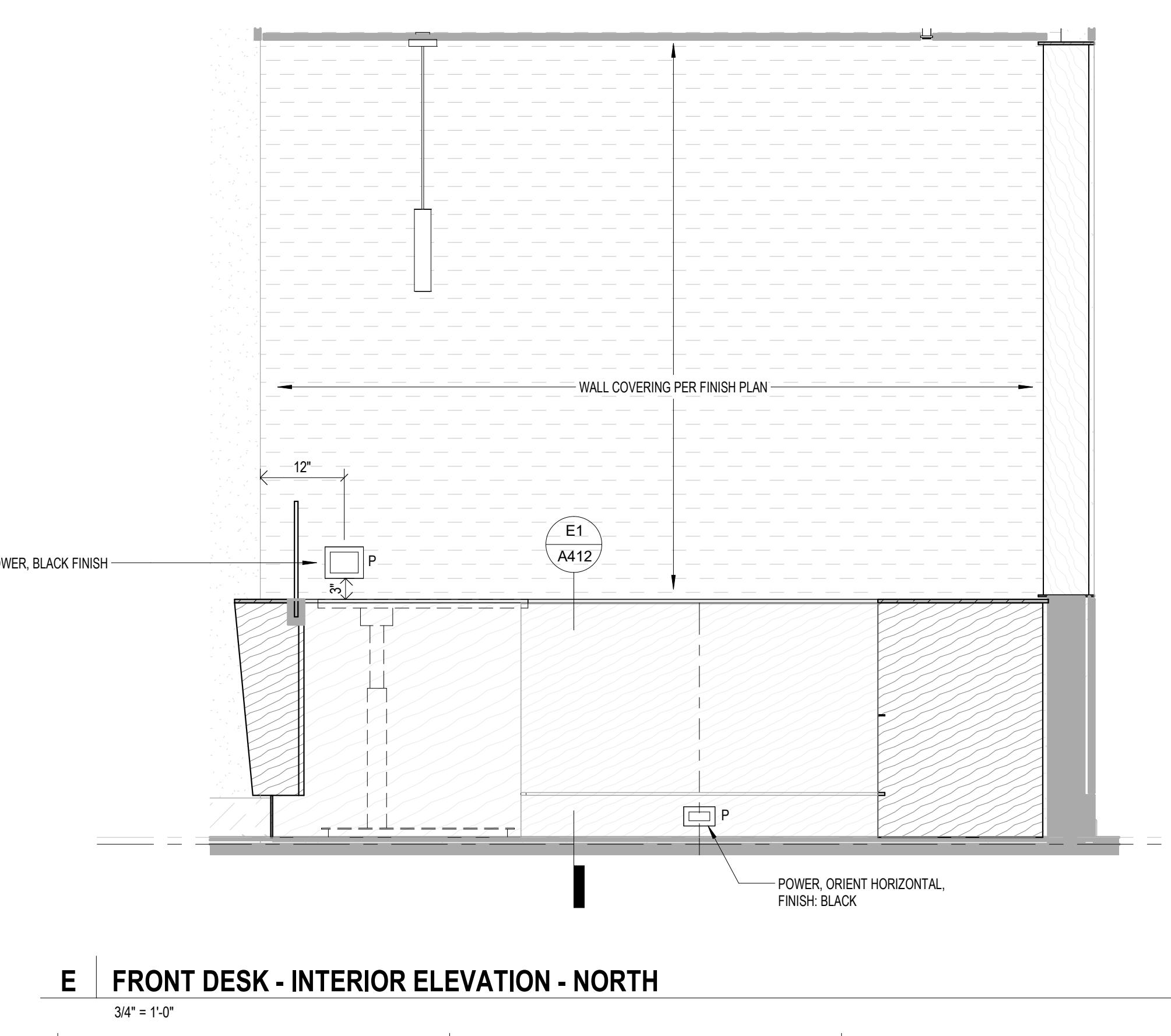
RELEASE TITLE / DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

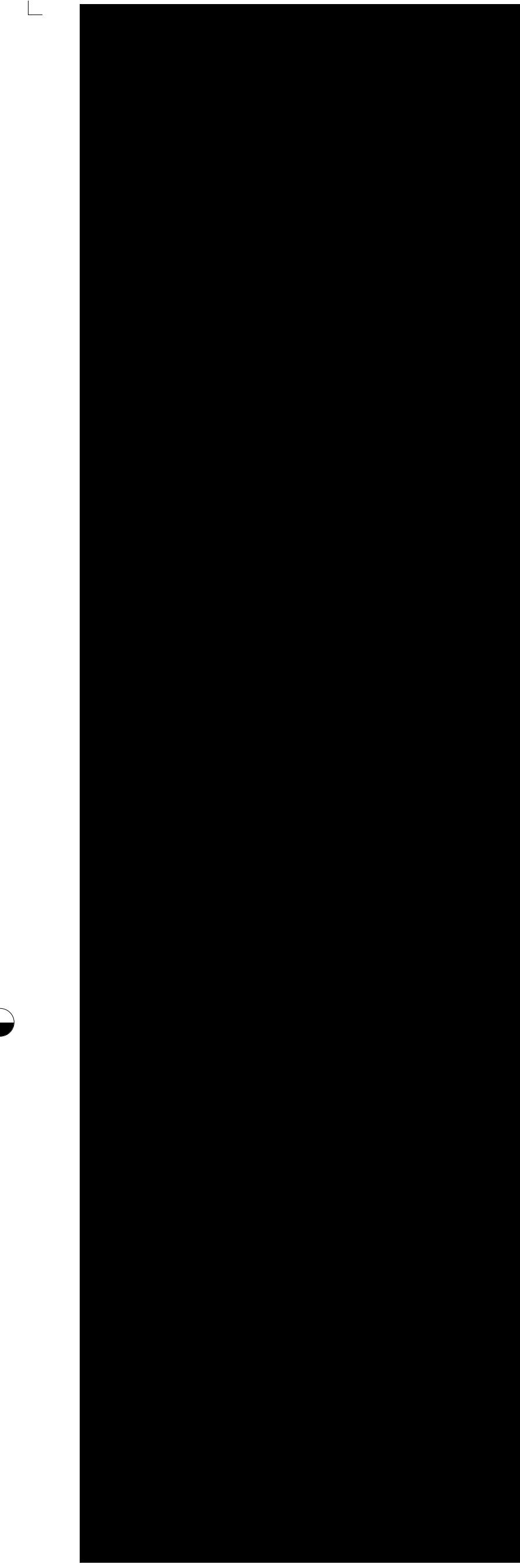
SEATTLE DO USE ONLY BELOW THIS LINE

SHEET TITLE:
SECURITY DESK - PLANS AND ELEVATIONS

SHEET NO.
A412

This drawing is to be read in conjunction with all related drawings. Do not scale from the drawing. All dimensions must be checked and verified on site before commencing the work or producing shop drawings. The original drawing must be checked immediately if any discrepancy. The drawing is copyrighted and remains the property of the designer.





PROJECT ISSUANCE DATES	DATE	DESCRIPTION
SHEET REVISIONS		
NO.	DATE	DESCRIPTION

Seal

RELEASE TITLE / DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

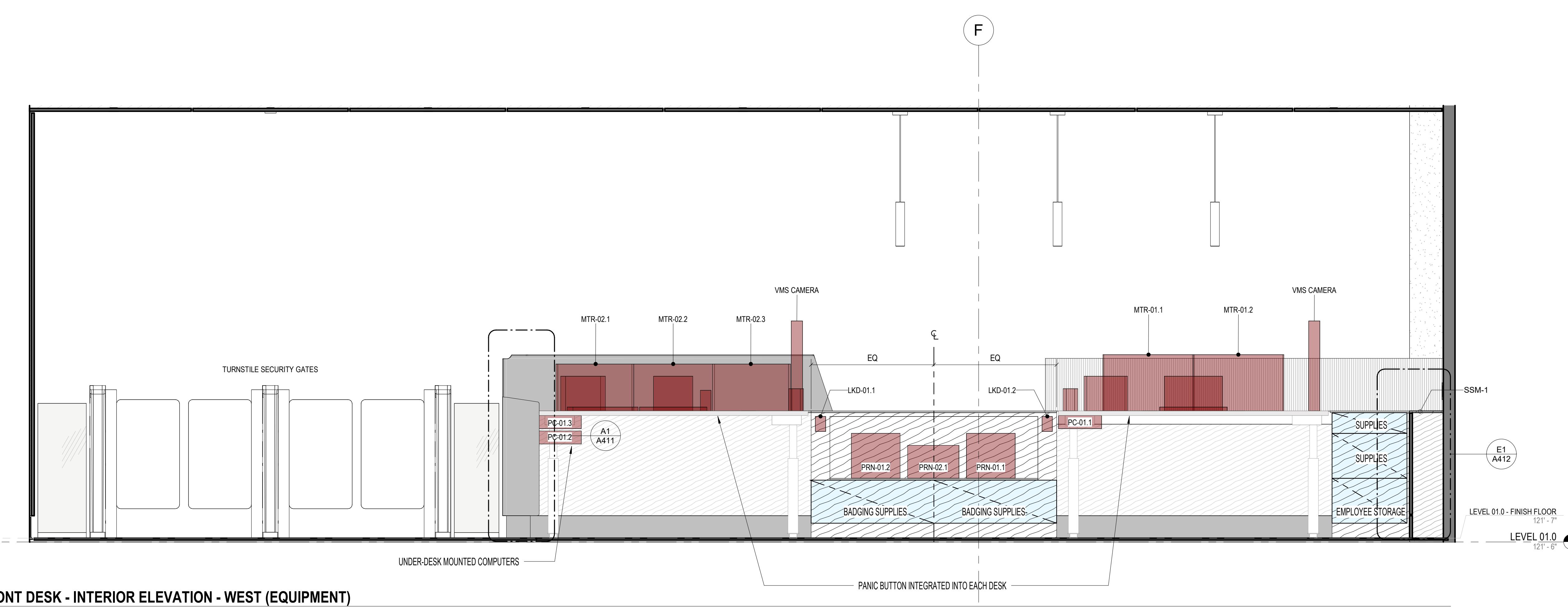
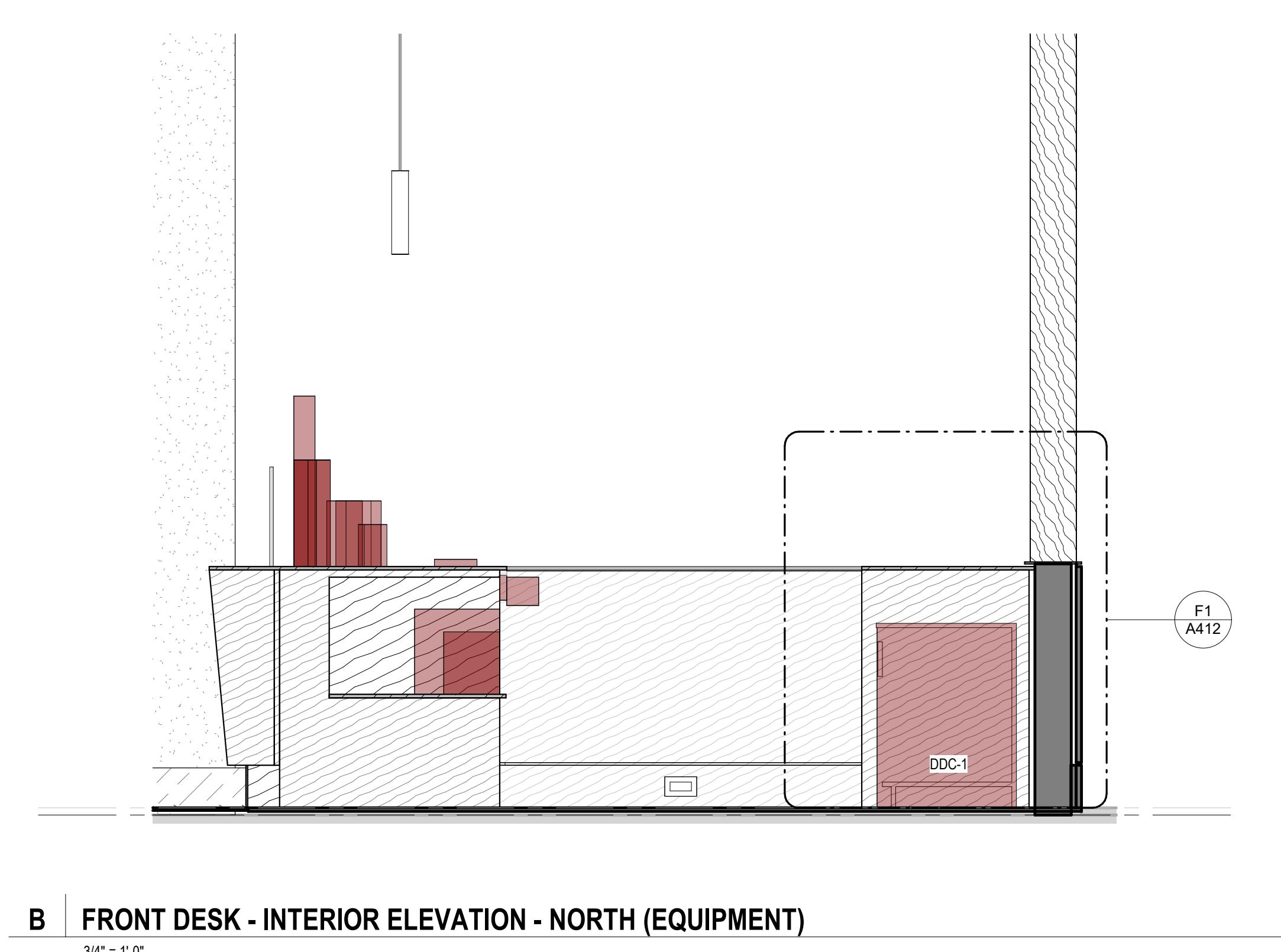
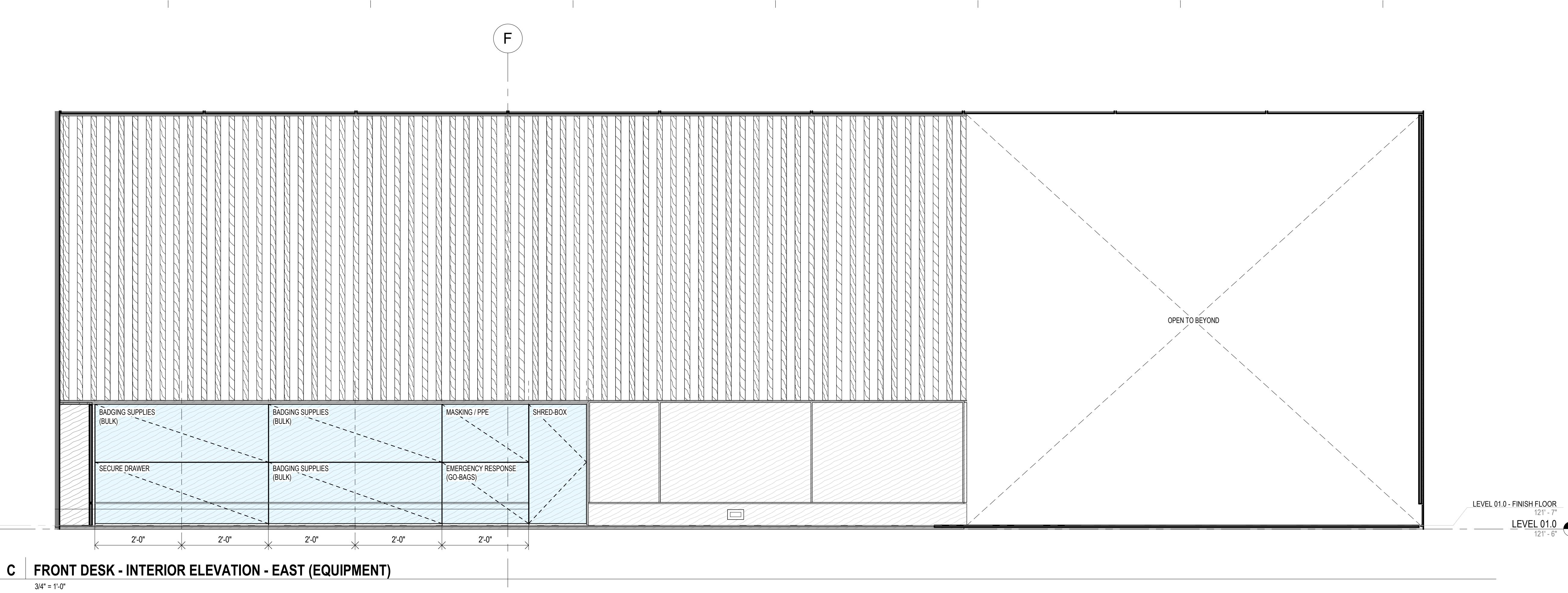
SEATTLE DO USE ONLY BELOW THIS LINE

SECURITY DESK - PLANS AND ELEVATIONS (EQUIPMENT)

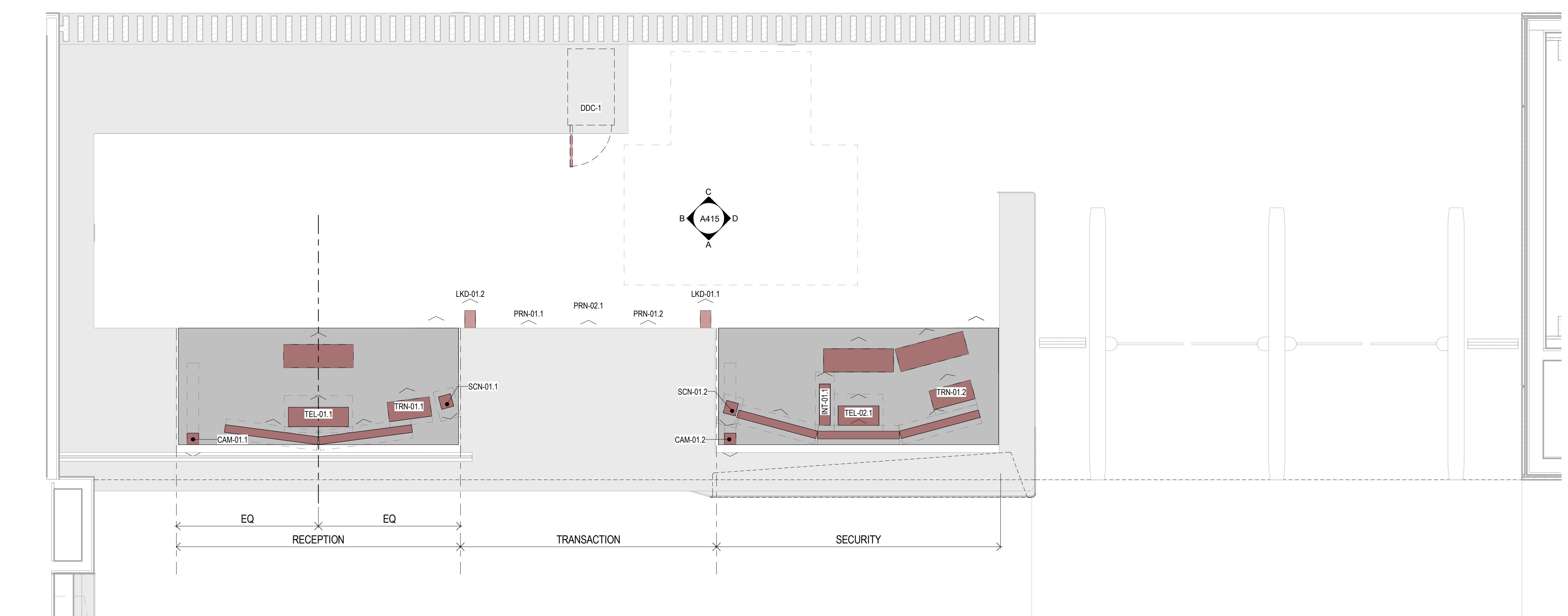
SHEET NO.

A415

This drawing is to be read in conjunction with all related drawings. Do not scale from the drawing. All dimensions must be checked and verified on site before commencing the work or producing shop drawings. The original drawing must be checked immediately after stamping. The drawing is copyrighted and remains the property of the original...



Seal





C | DECORATIVE SCREEN WALL - ENLARGED ELEVATION - WEST
3/4" = 1'-0"

B | DECO. SCREEN WALL - ENLARGED ELEV - SOUTH
3/4" = 1'-0"

A | DECORATIVE SCREEN WALL - ENLARGED ELEVATION - EAST
3/4" = 1'-0"

1 | DECORATIVE SCREEN WALL - ENLARGED MILLWORK PLAN
3/4" = 1'-0"

10 | PLAN DETAIL - DECORATIVE SCREEN - WEST EDGE
1 1/2" = 1'-0"

6 | SECTION DETAIL - WOOD PANEL PONY WALL END
1 1/2" = 1'-0"

5 | SECTION DETAIL - WOOD PANEL PONY WALL
1 1/2" = 1'-0"

SHEET REVISIONS

NO.	DATE	DESCRIPTION
-----	------	-------------

Seal

CONSTRUCTION DOCUMENT SET
2025.03.17

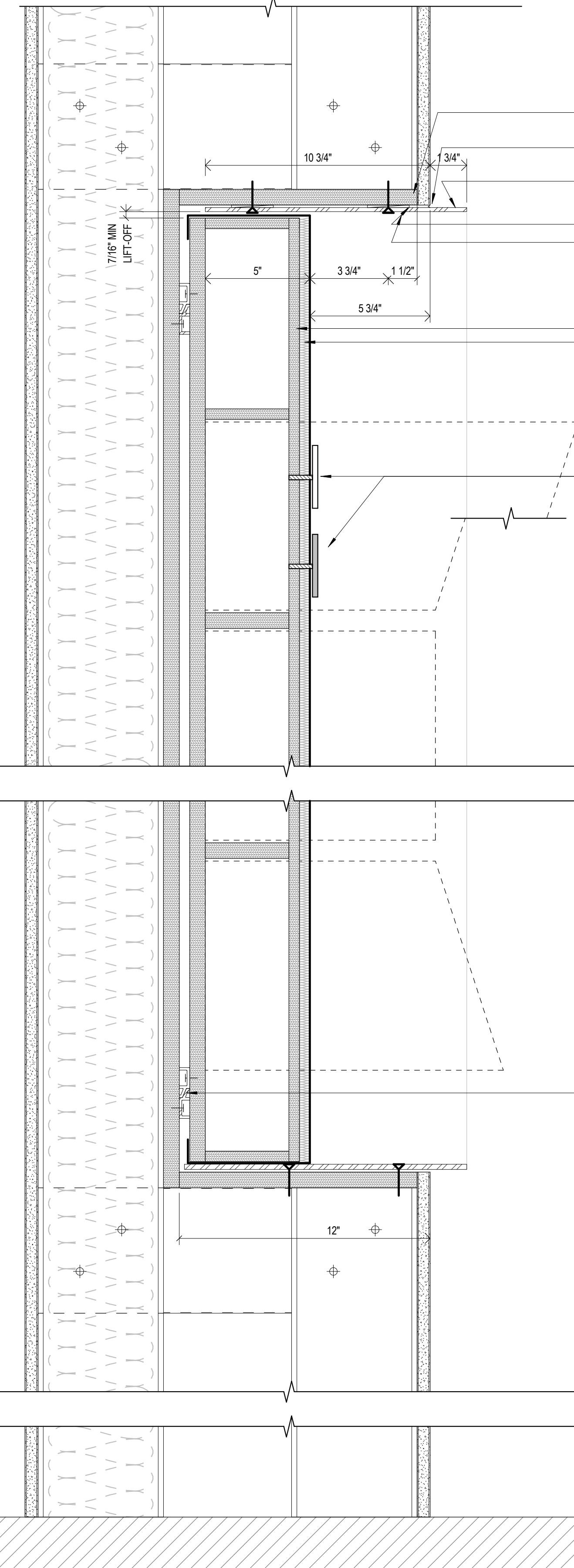
SEATTLE DC USE ONLY BELOW THIS LINE

DECORATIVE WOOD SCREEN - PLANS AND ELEVATIONS

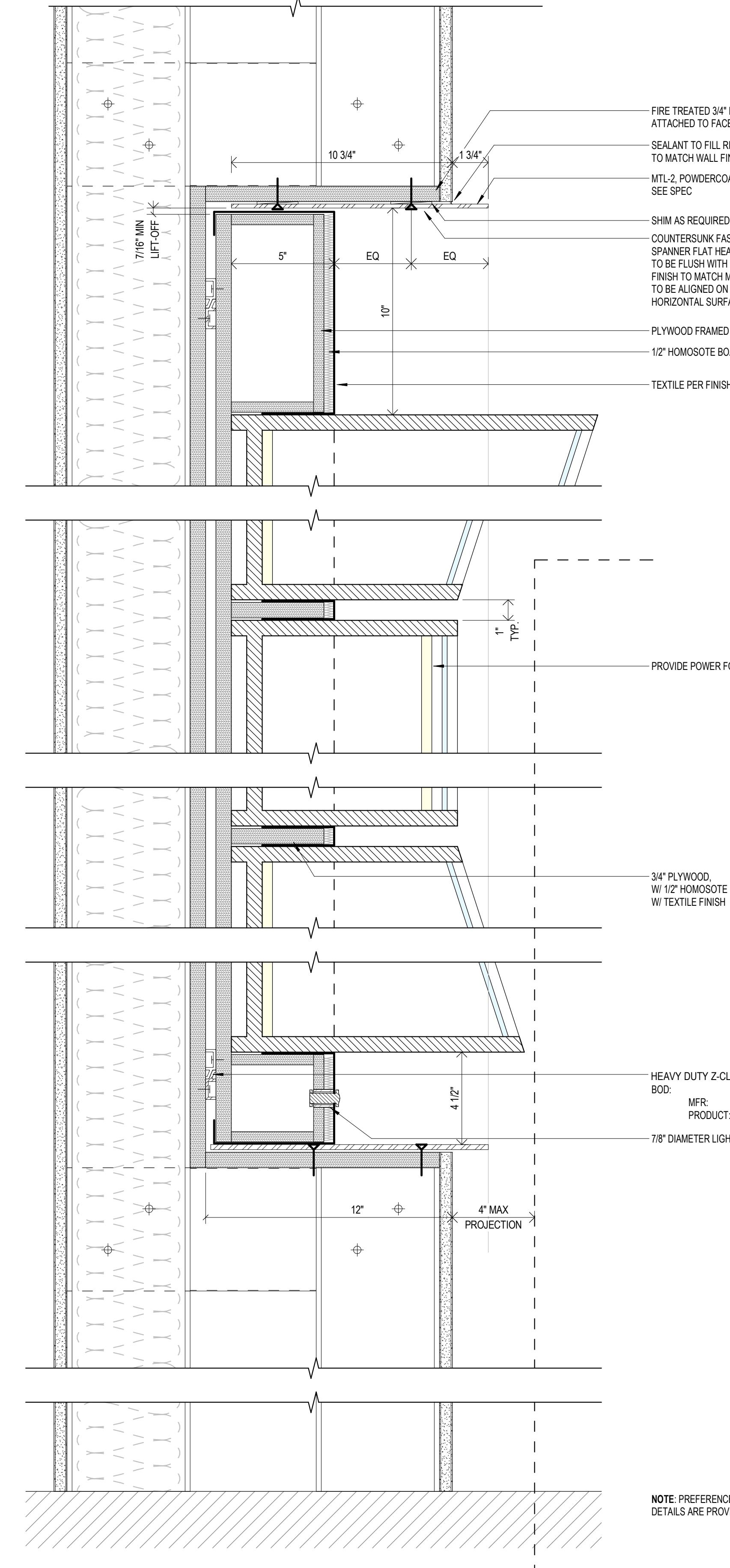
SHEET NO.

A421

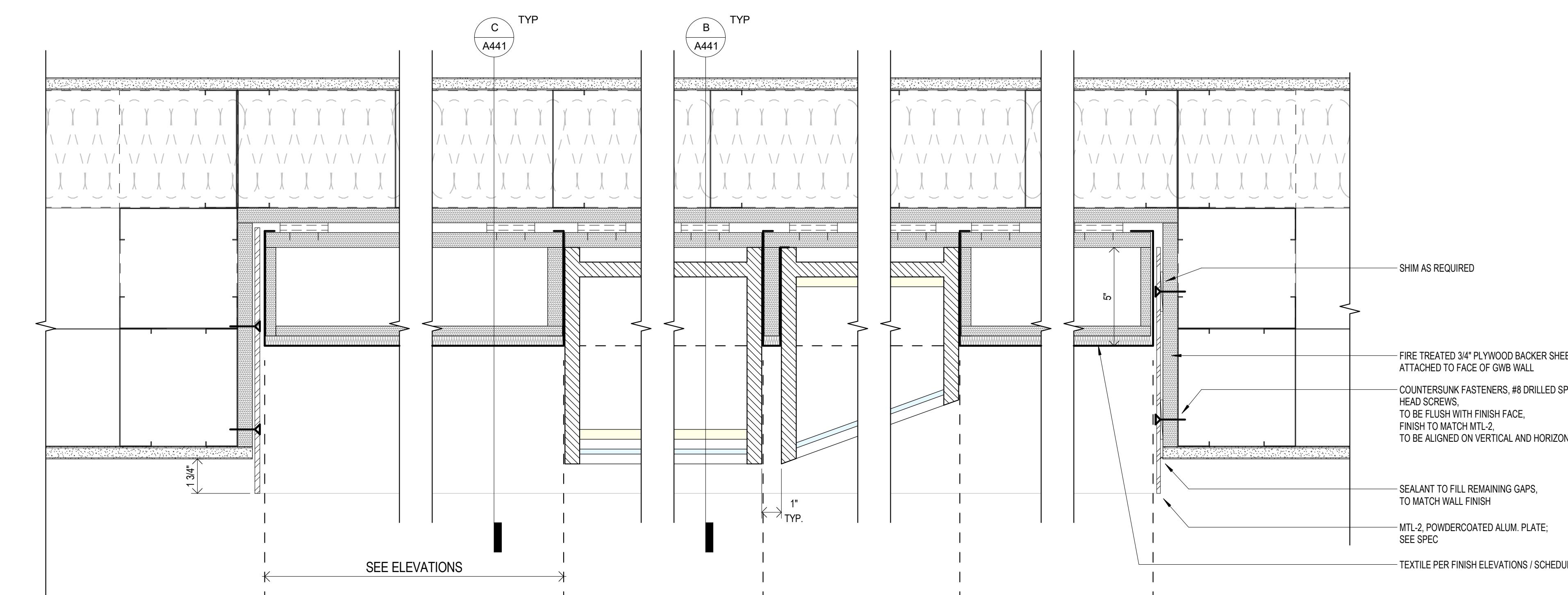
This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing the work or producing shop drawings. The original drawing must be checked immediately if any stamping. The drawing is copyrighted and remains property of the original.



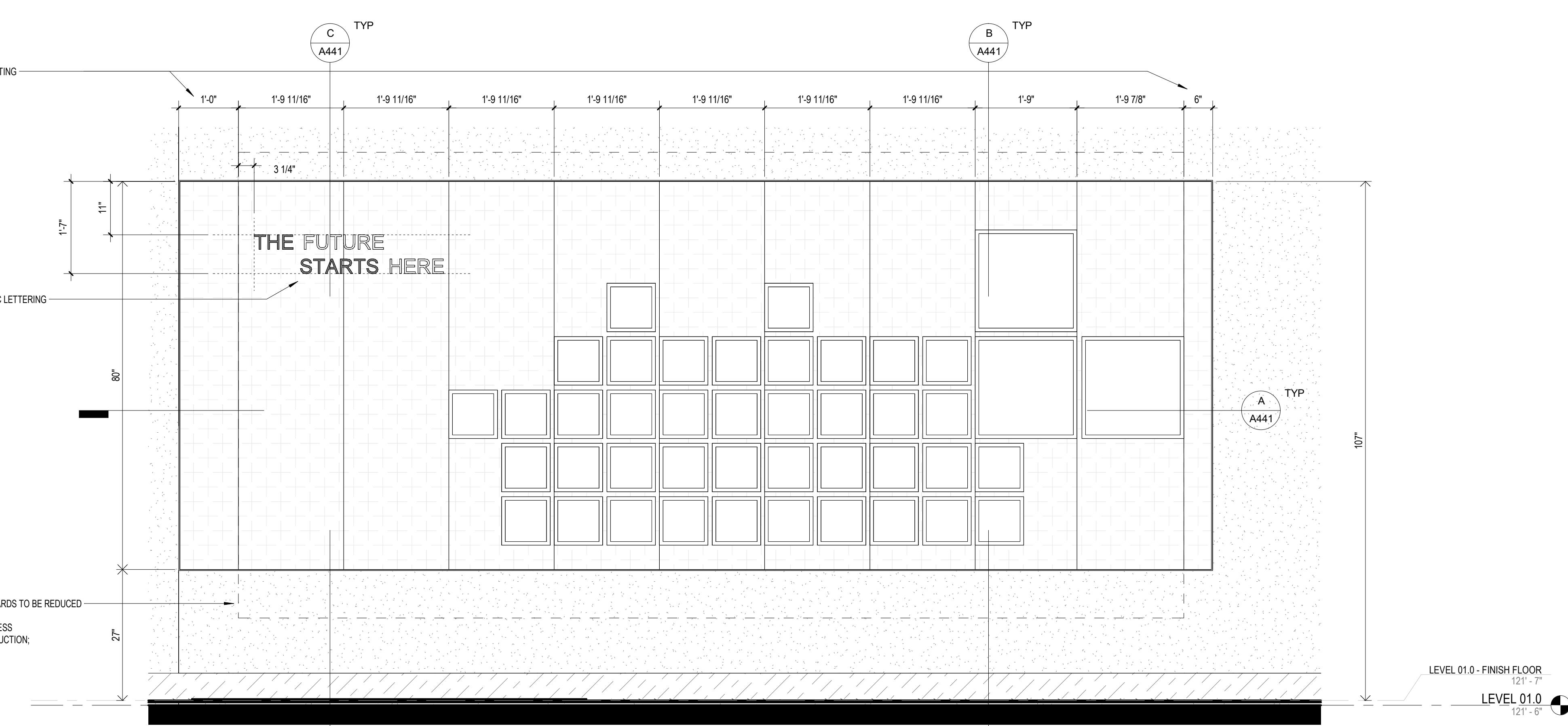
C | SECTION DETAIL - PERIODIC TABLE INSTALLATION @ FULL PANEL
3" = 1'-0"



B | SECTION DETAIL - PERIODIC TABLE INSTALLATION @ BOXE



A | PLAN DETAIL - PERIODIC TABLE INSTALLATION



1 PERIODIC TABLE - ENLARGED ELEVATION

RELEASE TITLE / DATE

**CONSTRUCTION
DOCUMENT SET**

2025 03 17

SHEET TITLE:

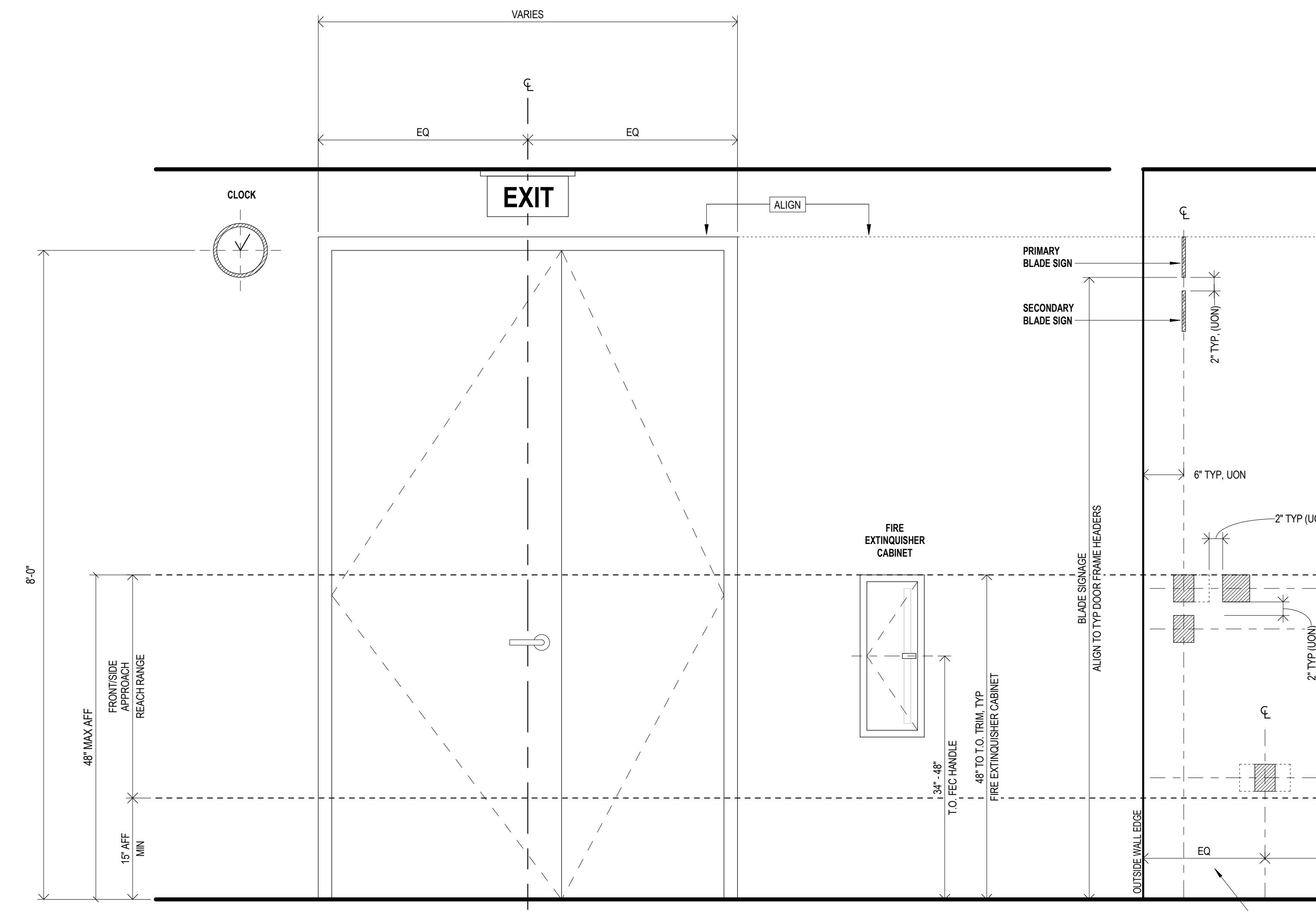
PERIODIC TABLE - ELEVATIONS AND DETAILS

SHEET

A441

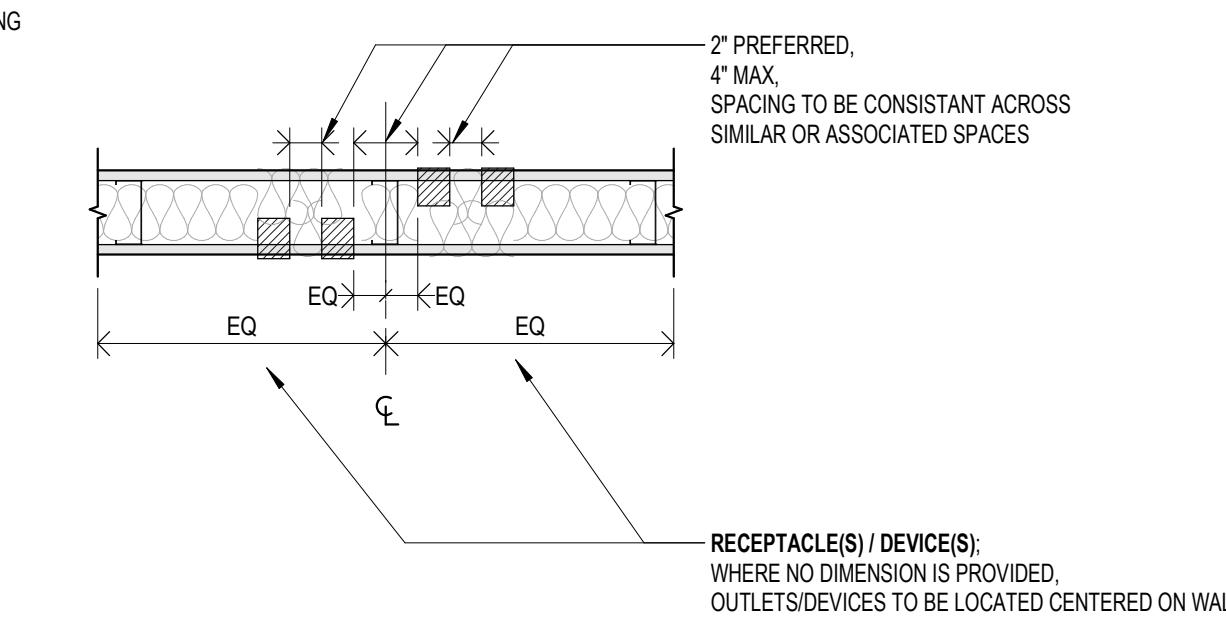
This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The originator should be notified immediately of any discrepancy. This drawing is copyrighted and remains property of the originator.

1 | TYPICAL MOUNTING HEIGHTS



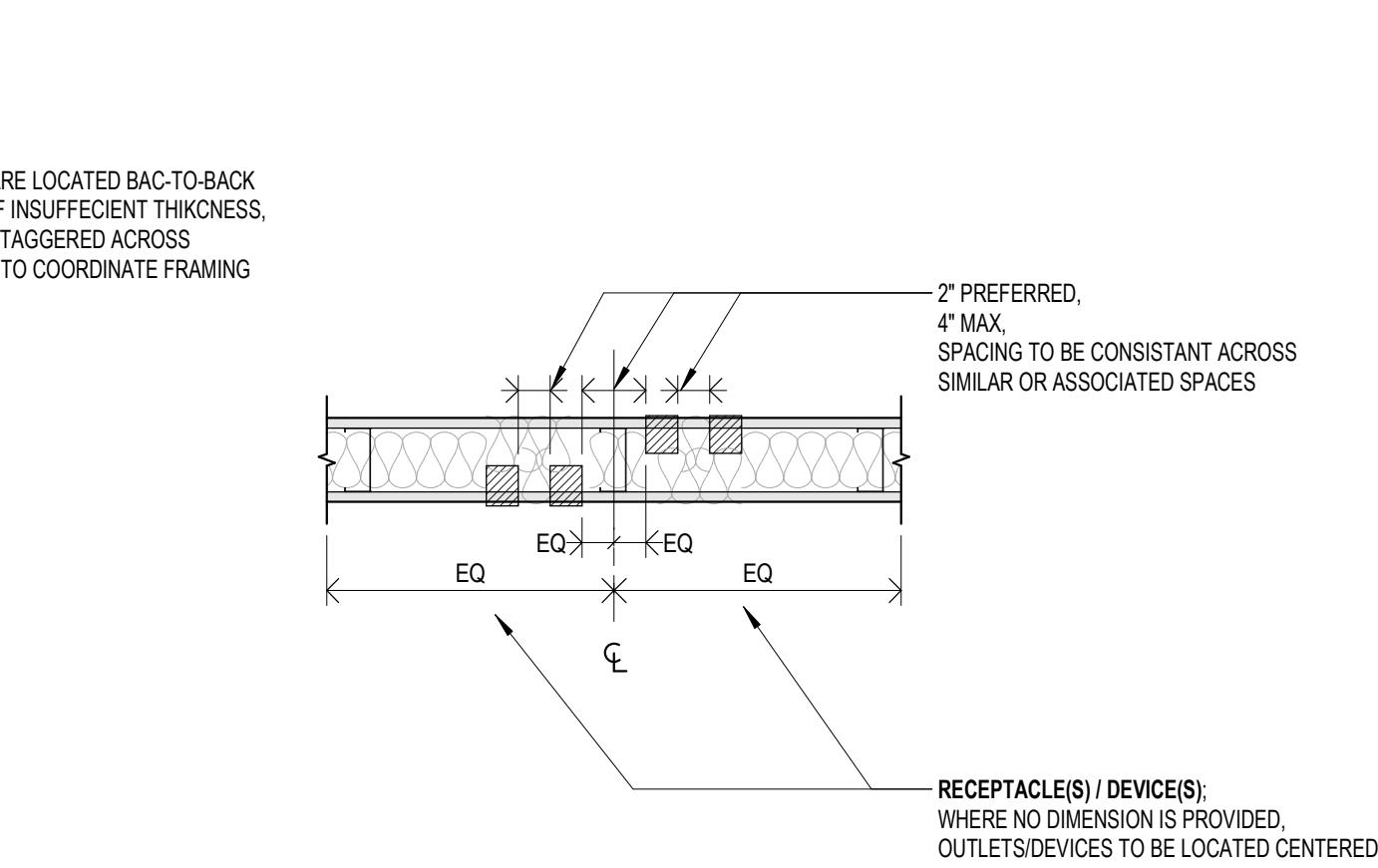
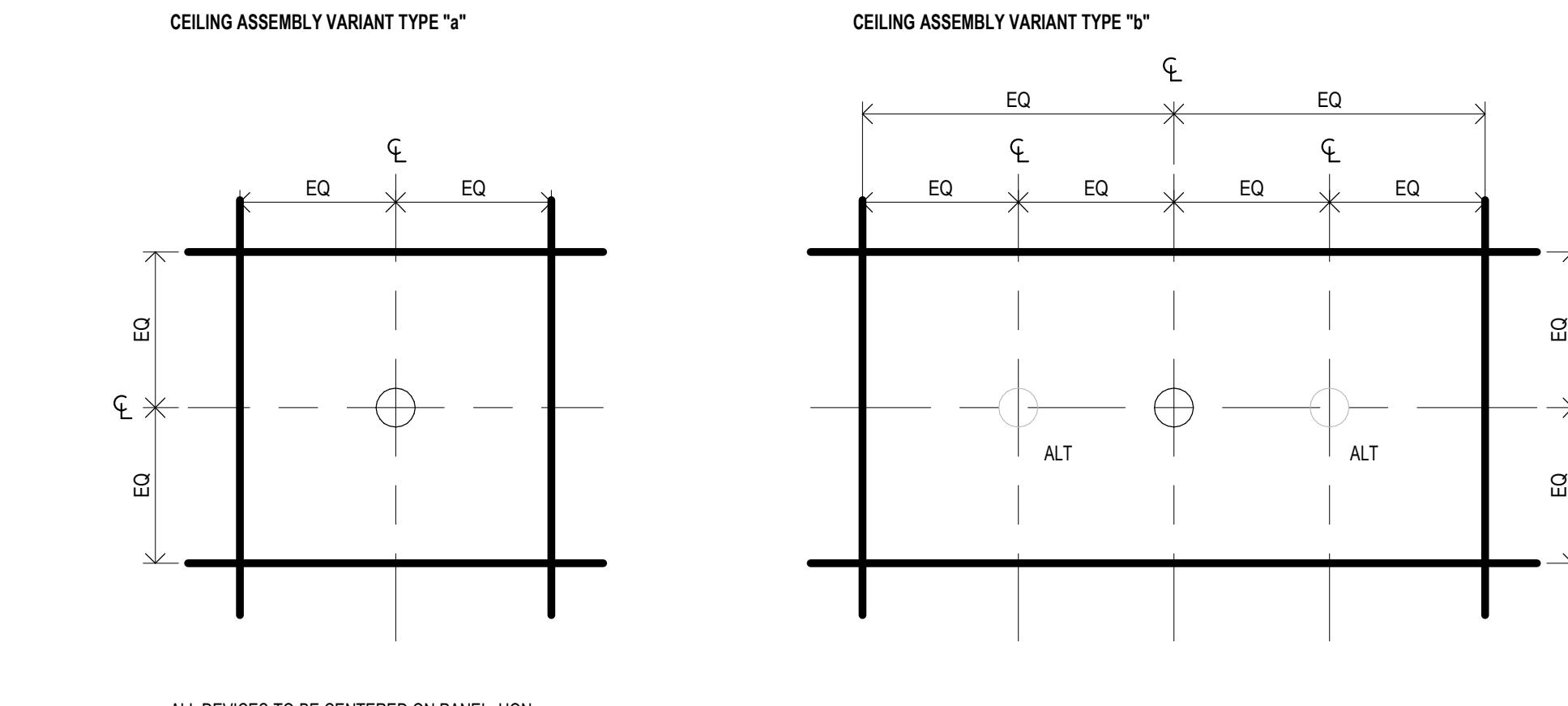
3 | STAGGERED DEVICES

1' = 1'-0"



2 | TYP CEILING TILE DEVICE LOCATIONS

1' = 1'-0"



INDIVIDUAL RECEPTACLE BOX:
WHERE NO DIMENSION IS PROVIDED,
OUTLETS/DEVICES TO BE LOCATED CENTERED ON WALL.

GROUDED RECEPTACLE DEVICE:
WHERE NO DIMENSION IS PROVIDED,
OUTLETS/DEVICES TO BE LOCATED CENTERED ON WALL.

RELEASE TITLE DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

SEATTLE DC USE ONLY BELOW THIS LINE

SHEET TITLE:
GENERAL DETAILS

SHEET NO. A501

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing the work or producing shop drawings. The original drawing must be checked immediately if any stamping. The drawing is copyrighted and remains the property of the original.

CASEWORK HARDWARE: GENERAL NOTES & SHEET SPECIFICATIONS:

GENERAL NOTES:

1. DEFER TO SPEC SUMMARY FOR FINISHES; IF FINISH IS NOT PROVIDED SEE BELOW
2. ALL CASEWORK/SHELVING SHALL BE **AMERICAN WOODWORKING STANDARD PREMIUM GRADE**
3. WORKSURFACES SHALL BE LEVEL AND PLUMB, TYP

GENERAL FINISHES:

- FER TO SPEC SUMMARY FOR FINISHES; IF FINISH IS NOT PROVIDED SEE BELOW
L CASEWORK/SHELVING SHALL BE AMERICAN WOODWORKING STANDARD PREMIUM GRADE
ORKSURFACES SHALL BE LEVEL AND PLUMB, TYP

HES:

ULLS : STAINLESS STEEL

CCE PANELS: 3/4" THICKNESS U.O.N.

RCASS CONSTRUCTION:

EXPOSED FACES: VNR-1

SEMI-EXPOSED: VNR-1

CONCEALED: BLACK MEL.

GING: PER SPECIFICATIONS

STENER COVER CAPS AND PLUGS:

AT CONCEALED LOCATIONS:

a. PVC SELF ADHESIVE CAPS

• FINISH TO MATCH ASSOCIATED SURFACE

AT EXPOSED LOCATIONS:

a. NO EXPOSED OR CAPPED FASTENERS ON EXPOSED SURFACES

• CONCEALED FASTENERS PREFERRED

PICAL CASEWORK HARDWARE

- JNNSERS**

CONCEALED RUNNERS/GLIDES
INTEGRATED SOFT CLOSE + SELF CLOSE FUNCTION

A. STANDARD DUTY BOD: BLUM - TANDEM W/ BLUMOTION

B. HEAVY DUTY BOD: BLUM MOMENTO W/ BLUMOTION + LATERAL STABILIZER

a. UTILIZE WASTE/RECYCLE KIT WHEN APPLICABLE

• HINGES

- OVERLAY DOOR TYPE HINGES
INTEGRATED SOFT CLOSE + SELF CLOSE FUNCTION
PROVIDE ANGLE RESTRICTION ACCESSORY

A. TO BE APPLIED TO DOORS ADJACENT TO WALLS OR CONFLICTING CASEWORK

B. ARCHITECT MAY CALL FOR ADDITIONAL RESTRICTOR CLIPS UPON REVIEW OF
SHOP DRAWINGS

4. BOD: BLUM CLIP-TOP W/ BL
A OPENING ANGLE: 11

- A. OPENING ANGLE: 110° TYPICAL UON
 - B. ACCESSORIES
 - a. PROVIDE ALL COVER CAPS
 - b. PROVIDE ANGLE RESTRICTION CLIPS WHEN APPLICABLE

2. ANTI-SLIP

- BOD: HAFELE - SHELF SUPPORT W/ ANTI-SLIP
a. FINISH: NICKEL

ANSWERS:

- SOLID WOOD
DOVETAIL CONSTRUCTION**

ELVES:

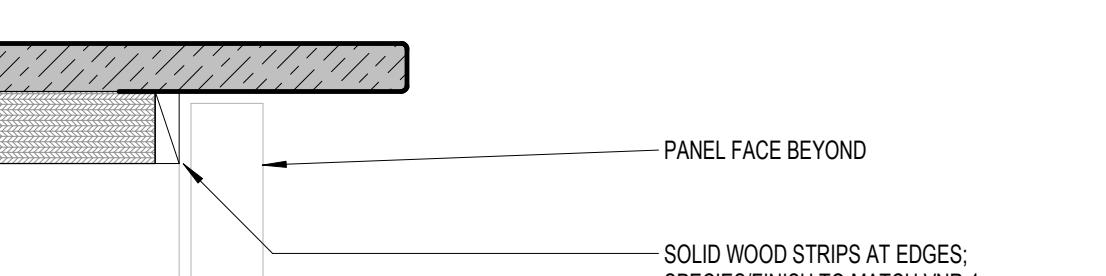
- CONSTRUCTION:**
SOLID WOOD

PROJECT ISSUANCE DATES:

DATE	DESCRIPTION
------	-------------

DESCRIPTION

Seal



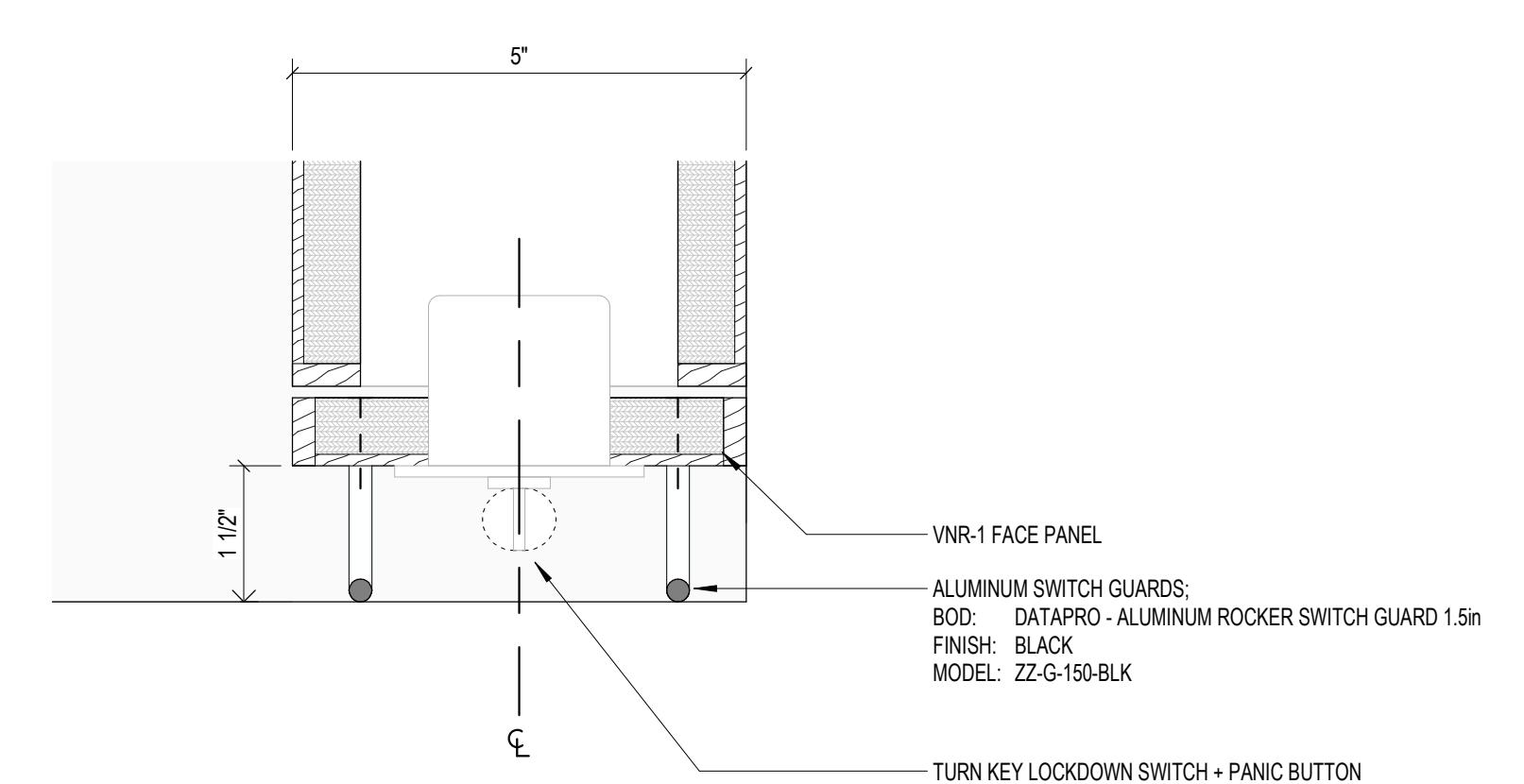
1b ENLARGED DETAIL - CASEWORK NOSING 2

RELEASE TITLE / DATE

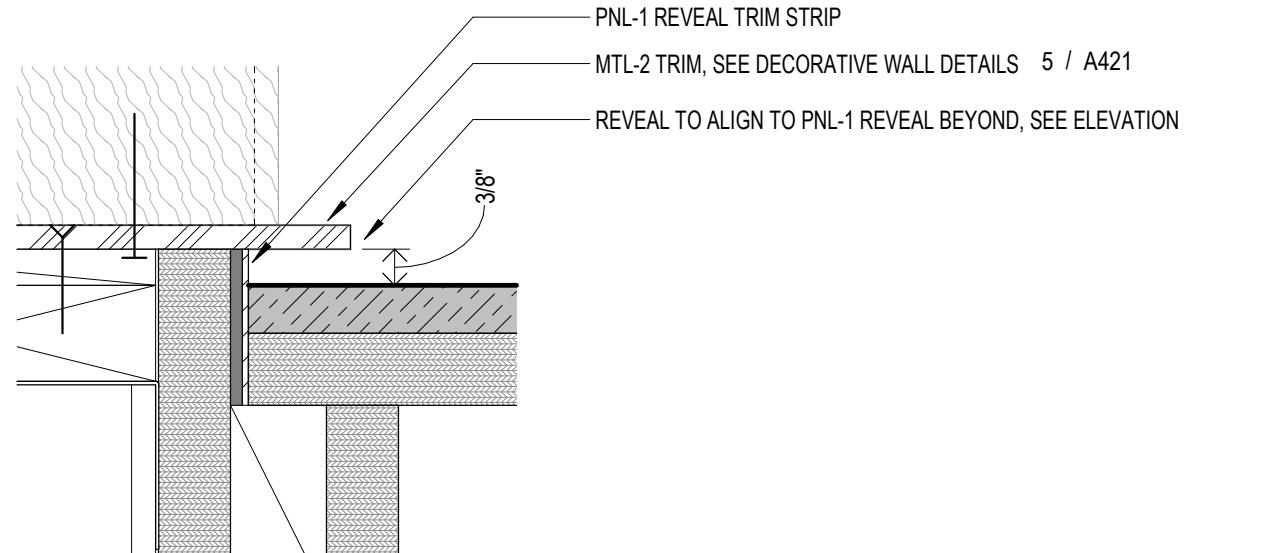
**CONSTRUCTION
DOCUMENT SET**

2025 03 17

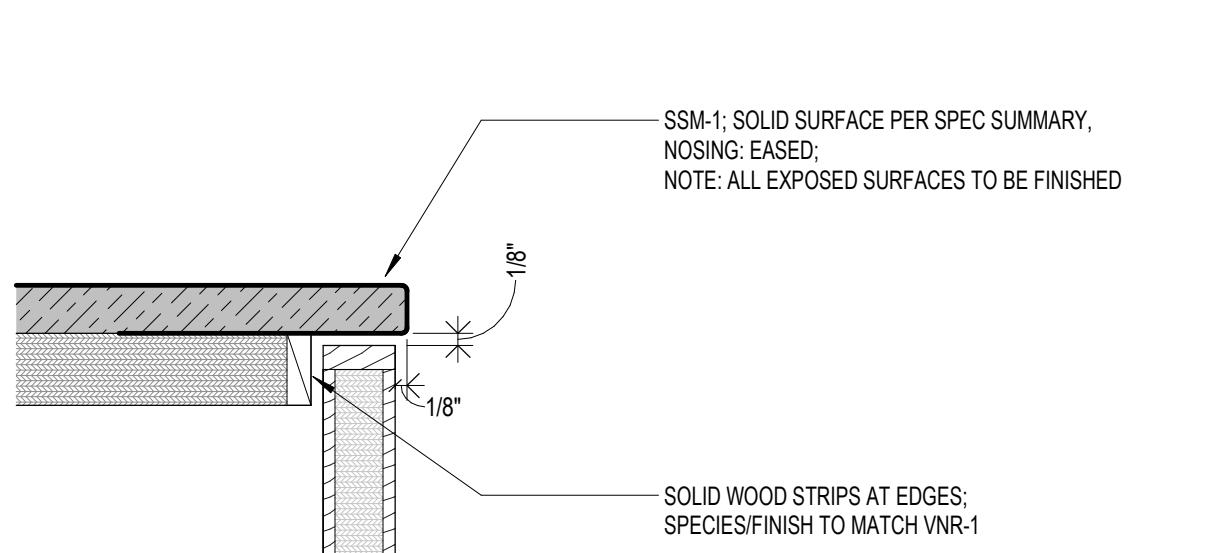
SEATTLE DCI USE ONLY BELOW THIS LINE



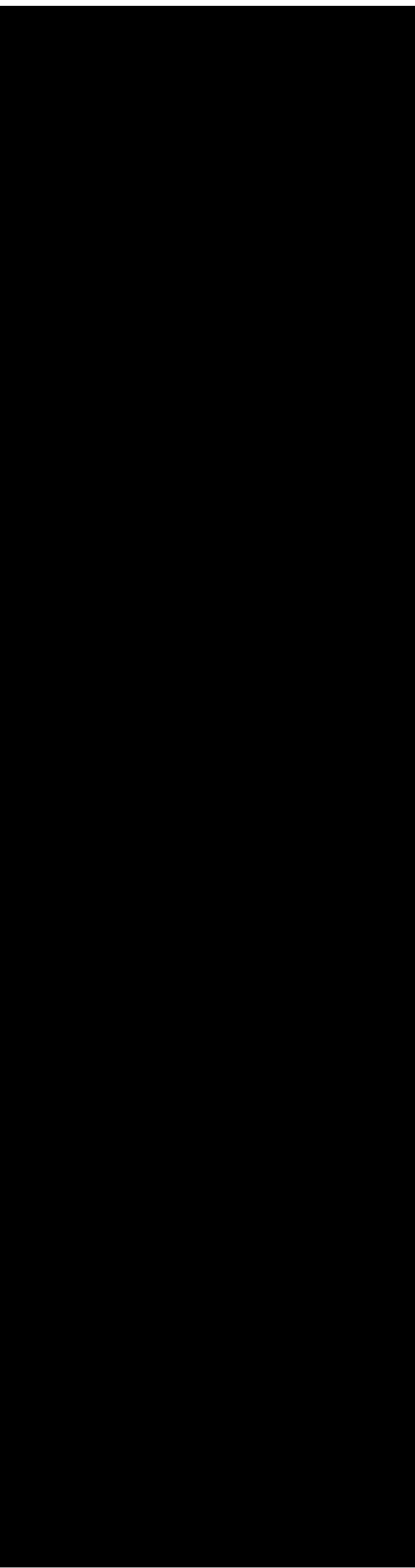
3 | ENLARGED PLAN DETAIL - SECURITY SWITCHES



ENLARGED DETAIL - COUNTERTOP EDGE AT MTL TRIM



1a ENLARGED DETAIL - CASEWORK NOSING 1



PROJECT ISSUANCE DATES

DATE

DESCRIPTION

SHEET REVISIONS

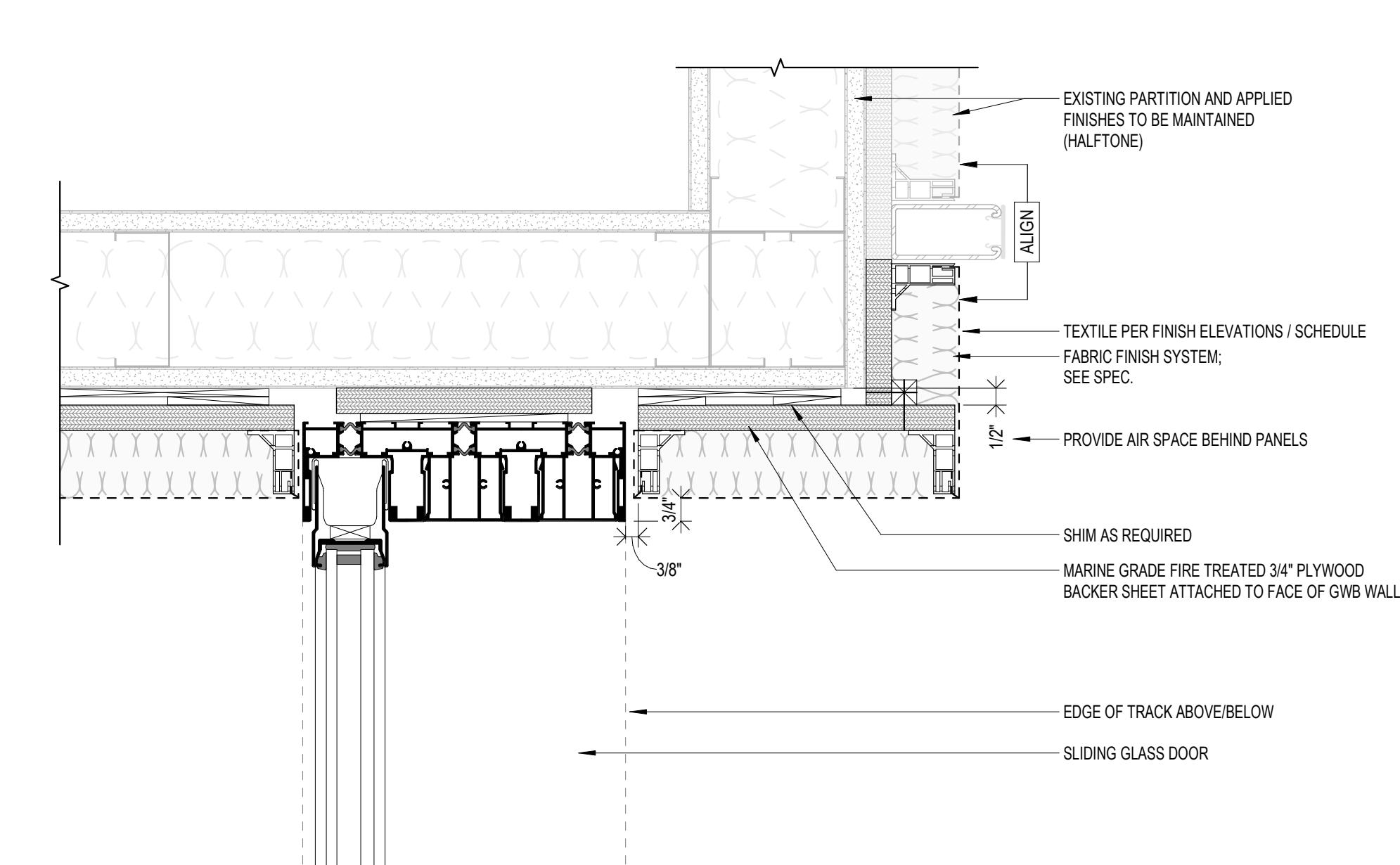
NO.	DATE
	DESCRIPTION

Seal

RELEASE TITLE / DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

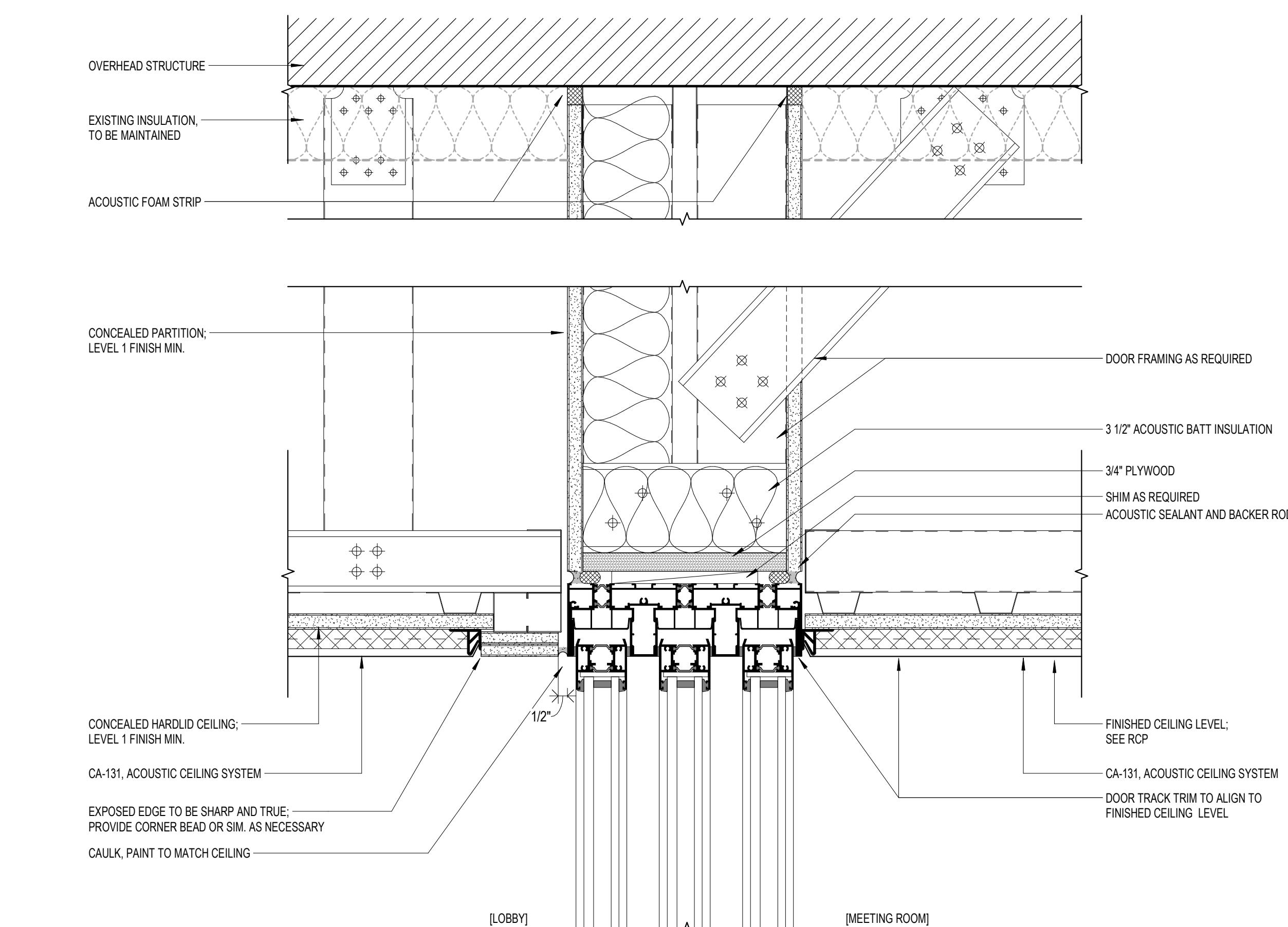
SEATTLE DC USE ONLY BELOW THIS LINE

SLIDING DOOR DETAILS



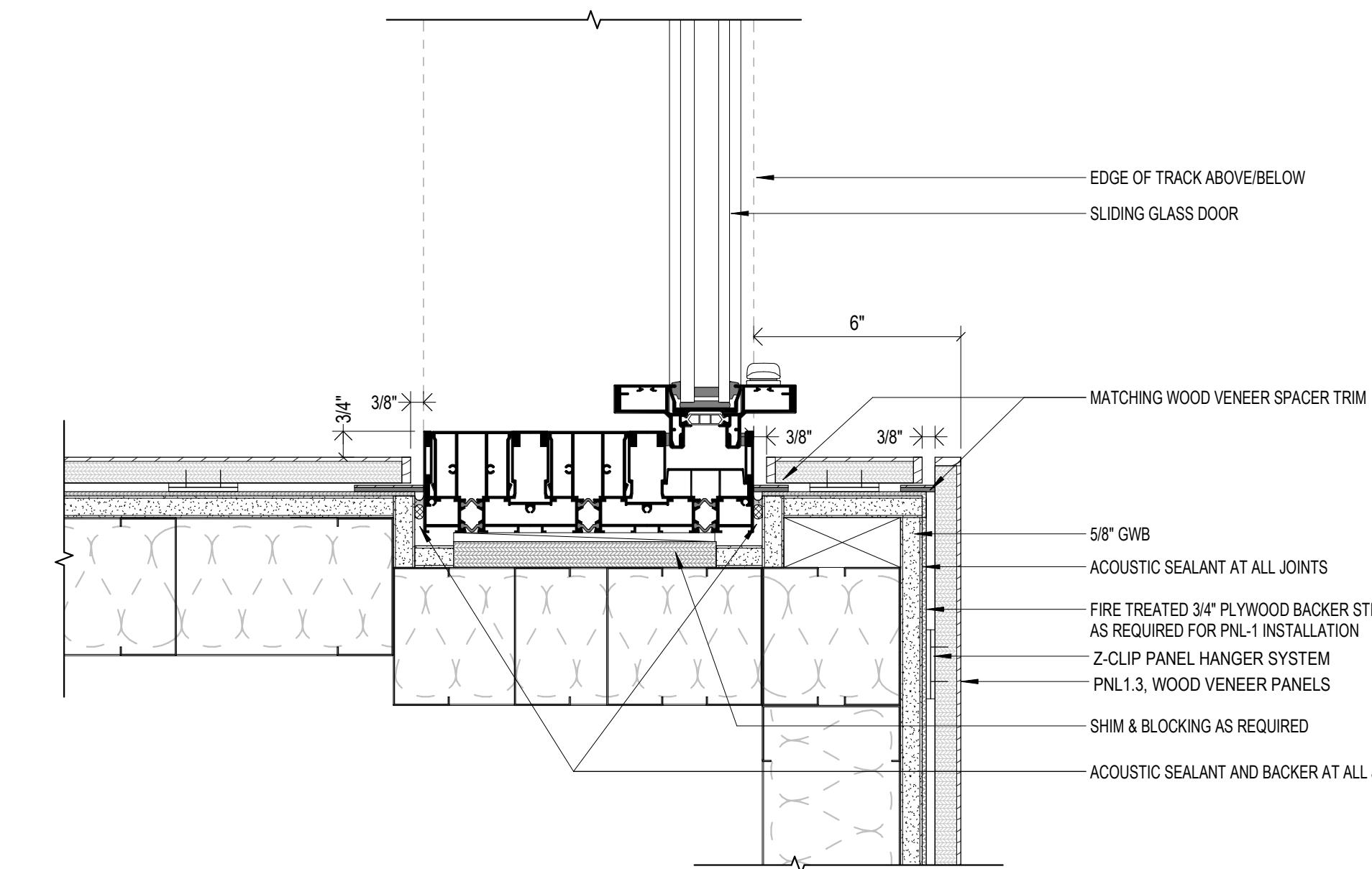
4 | PLAN DETAIL - SLIDING DOOR - TEXTILE + CORNER

3' = 1'0"



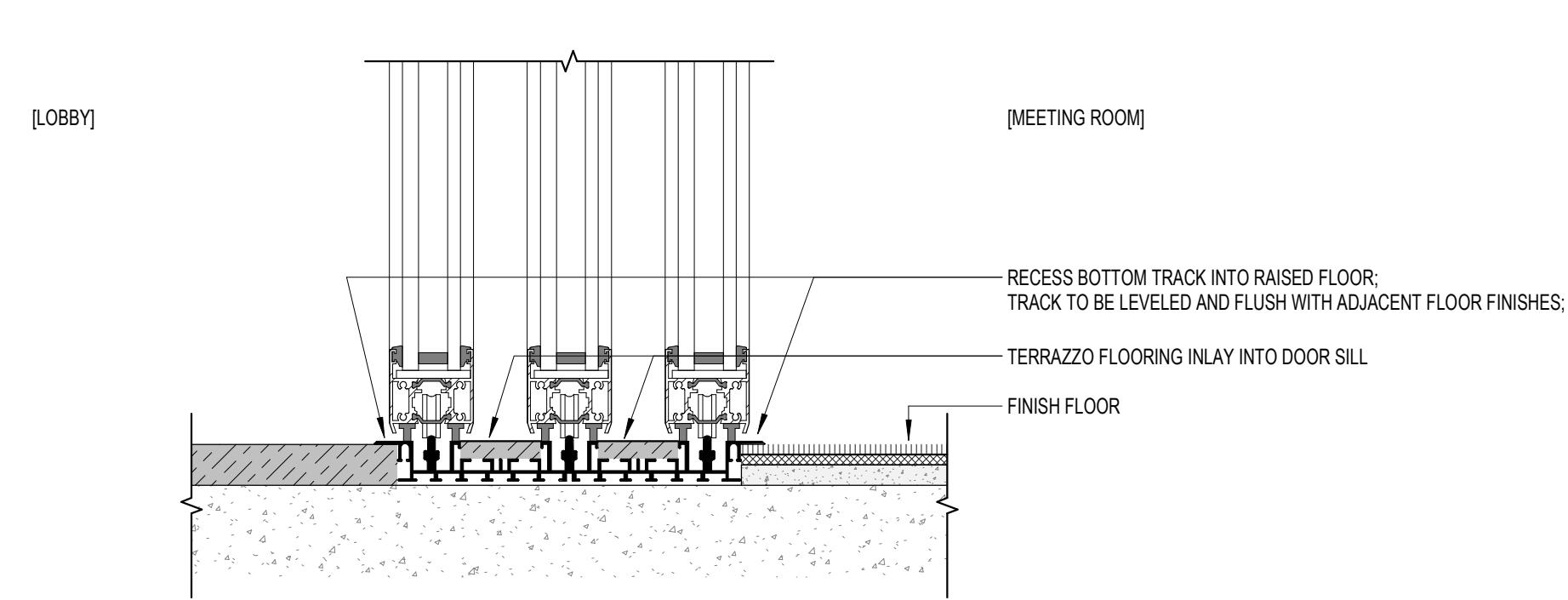
2 | SECTION DETAIL - SLIDING DOOR - HEAD

3' = 1'0"



3 | PLAN DETAIL - SLIDING DOOR - JAMB @ WD PNL

3' = 1'0"

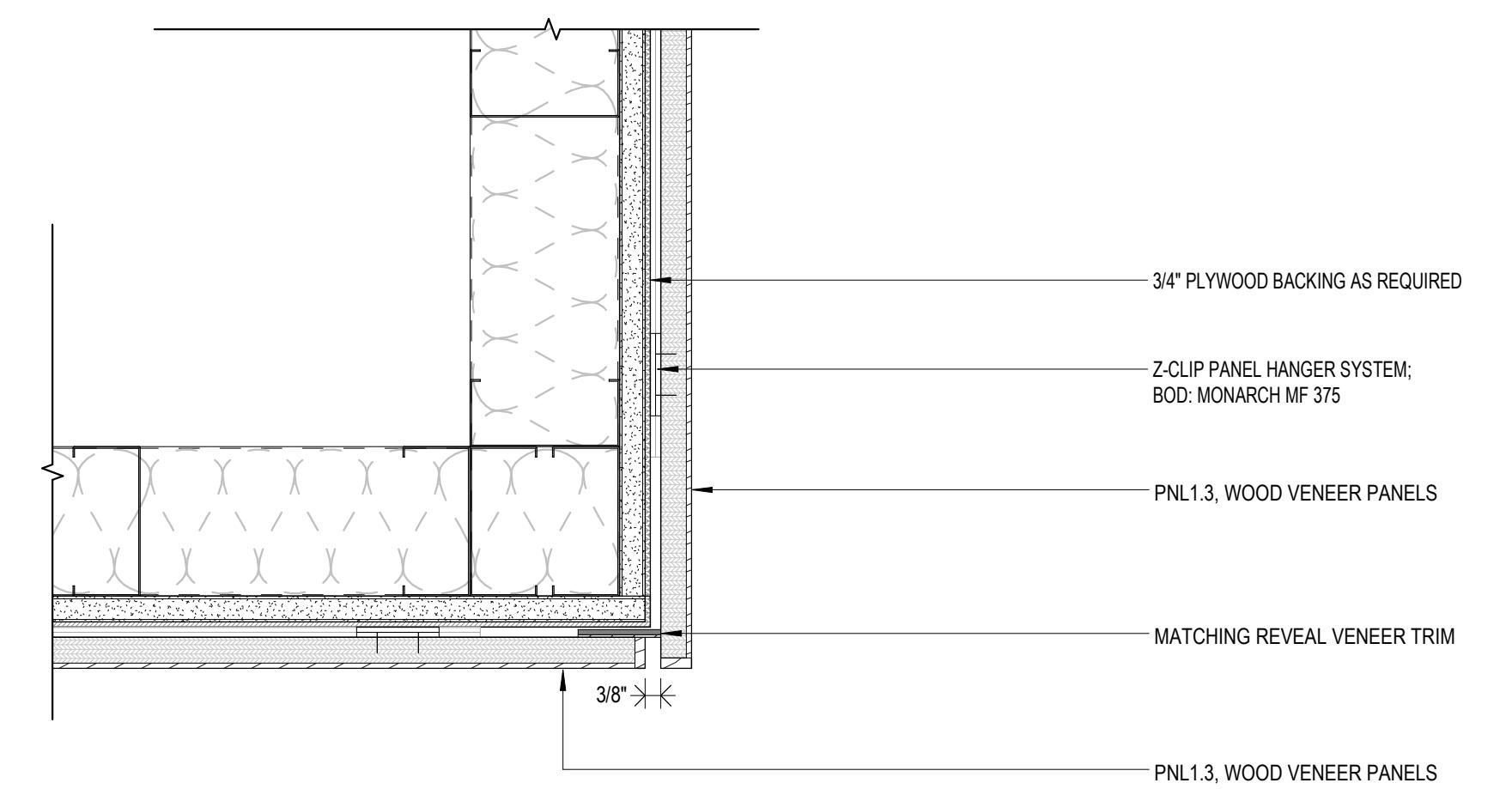


1 | SECTION DETAIL - SLIDING DOOR - BASE

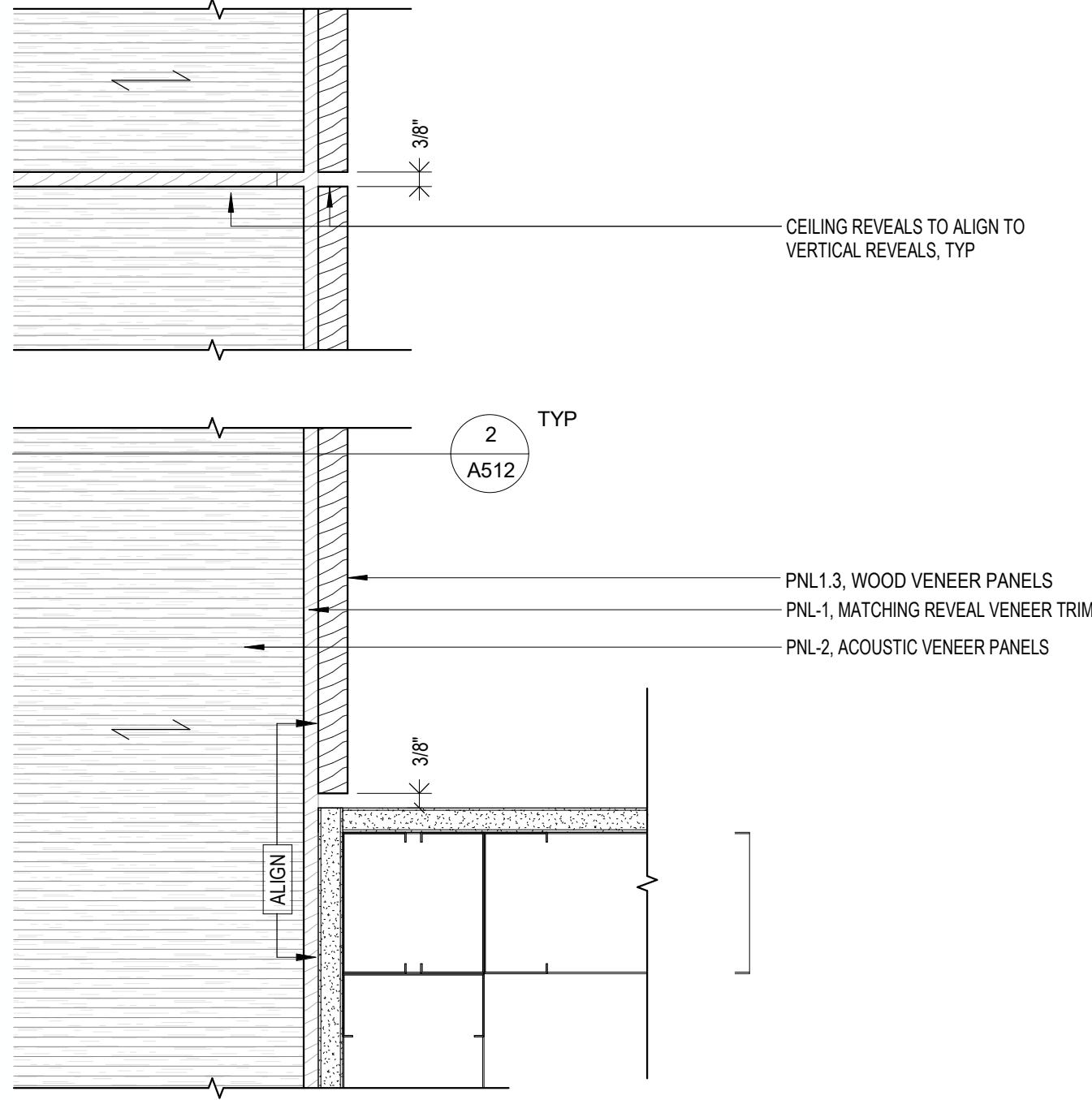
3' = 1'0"

A511

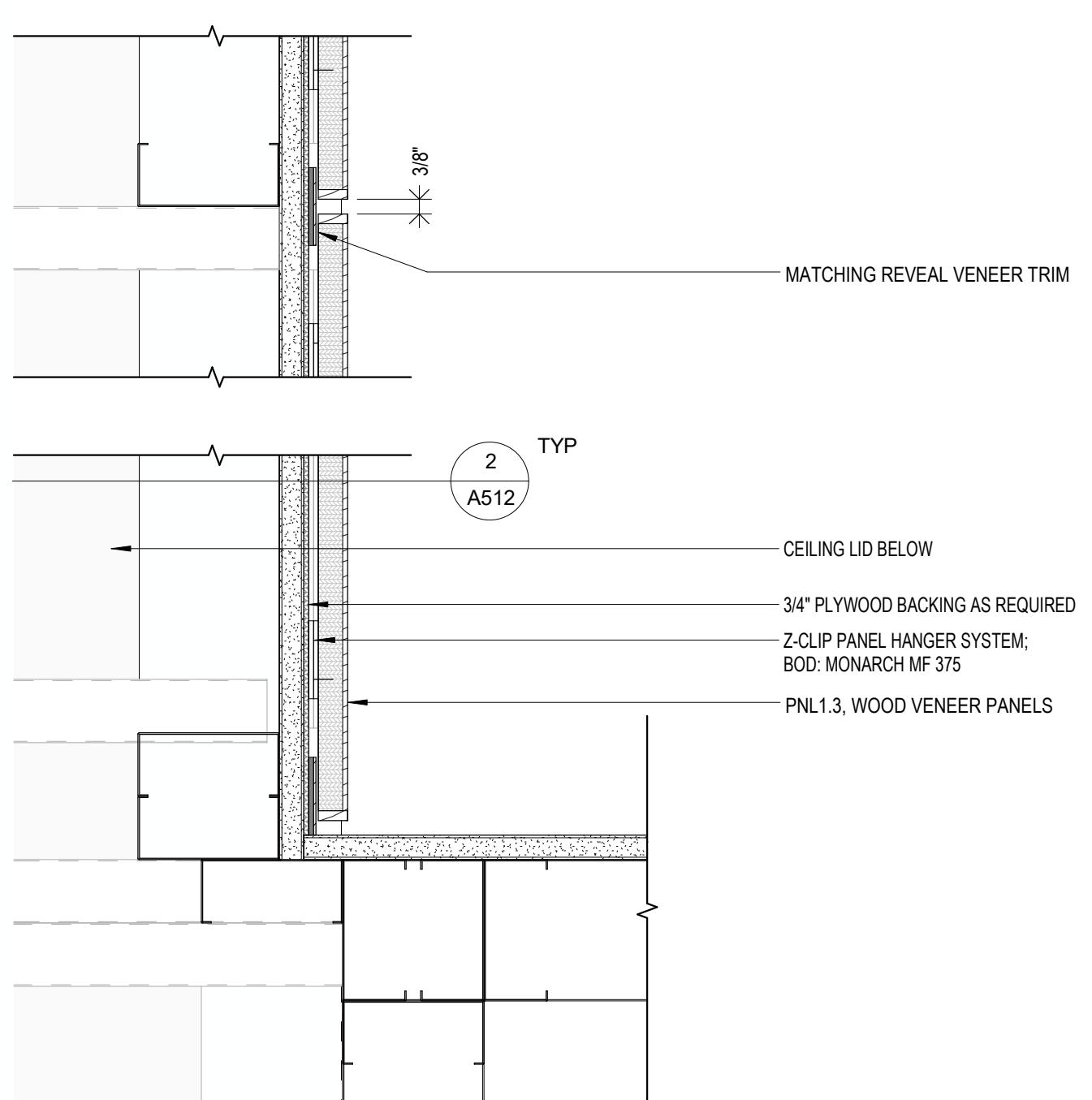
This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing the work or producing shop drawings. The original drawing must be checked immediately if any discrepancy. The drawing is the sole property of the designer.



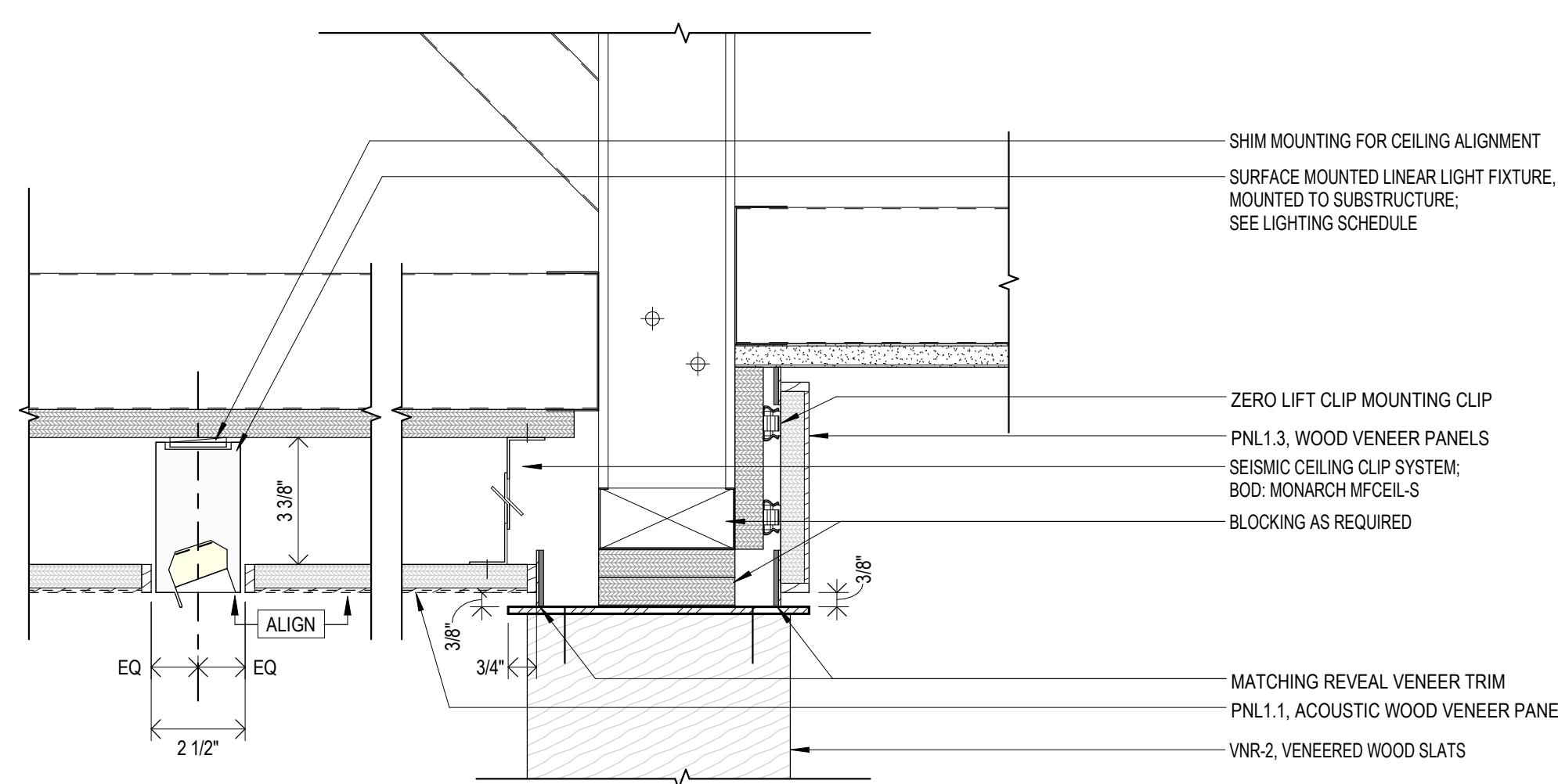
4 | PLAN DETAIL - DECORATIVE WOOD WALL - PNL WALL @ OUTSIDE CORNER



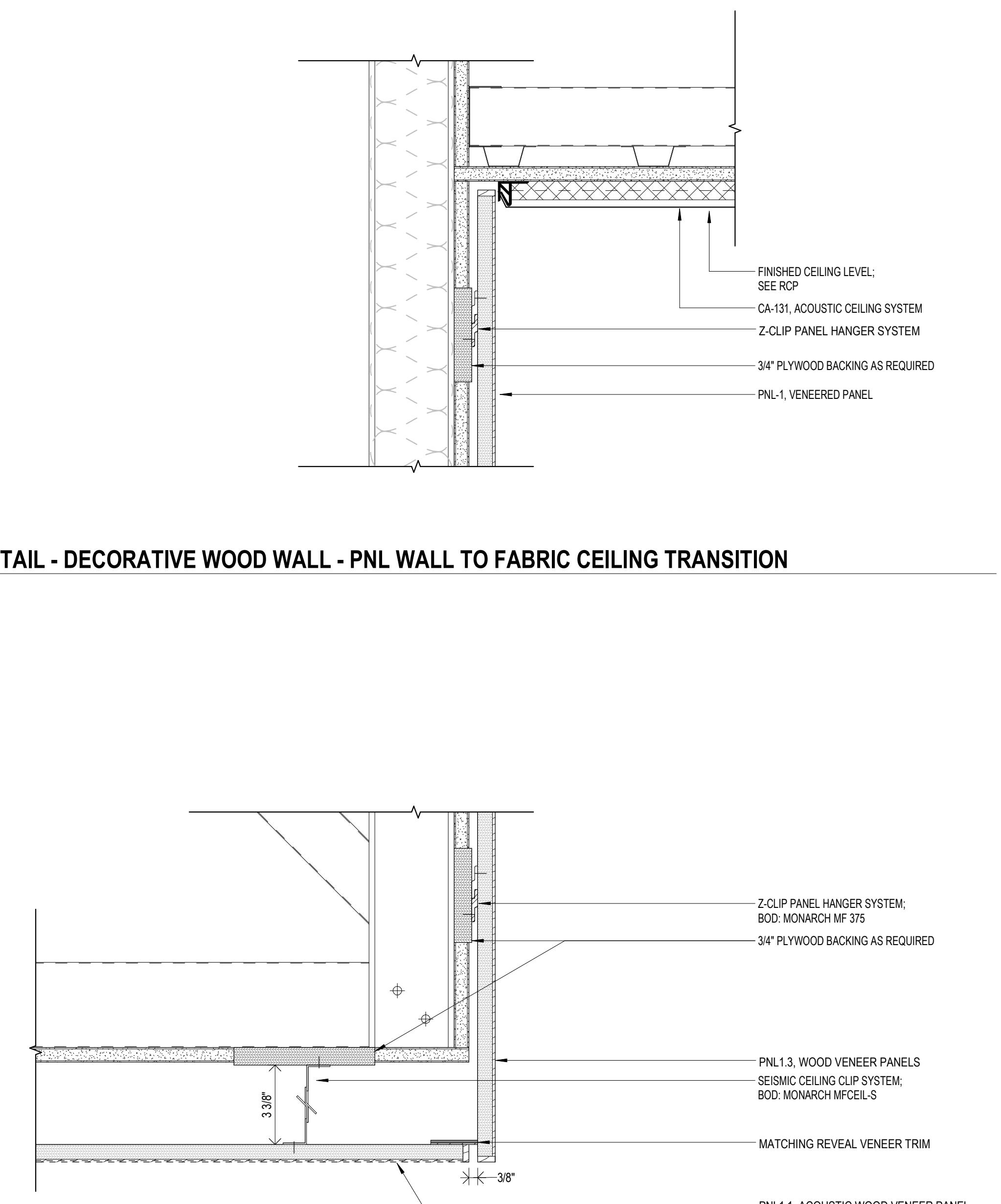
11b REFLECTED CEILING PLAN DETAIL - DECORATIVE WOOD WALL - PNL WALL @ ABUTTING WALL EDGE



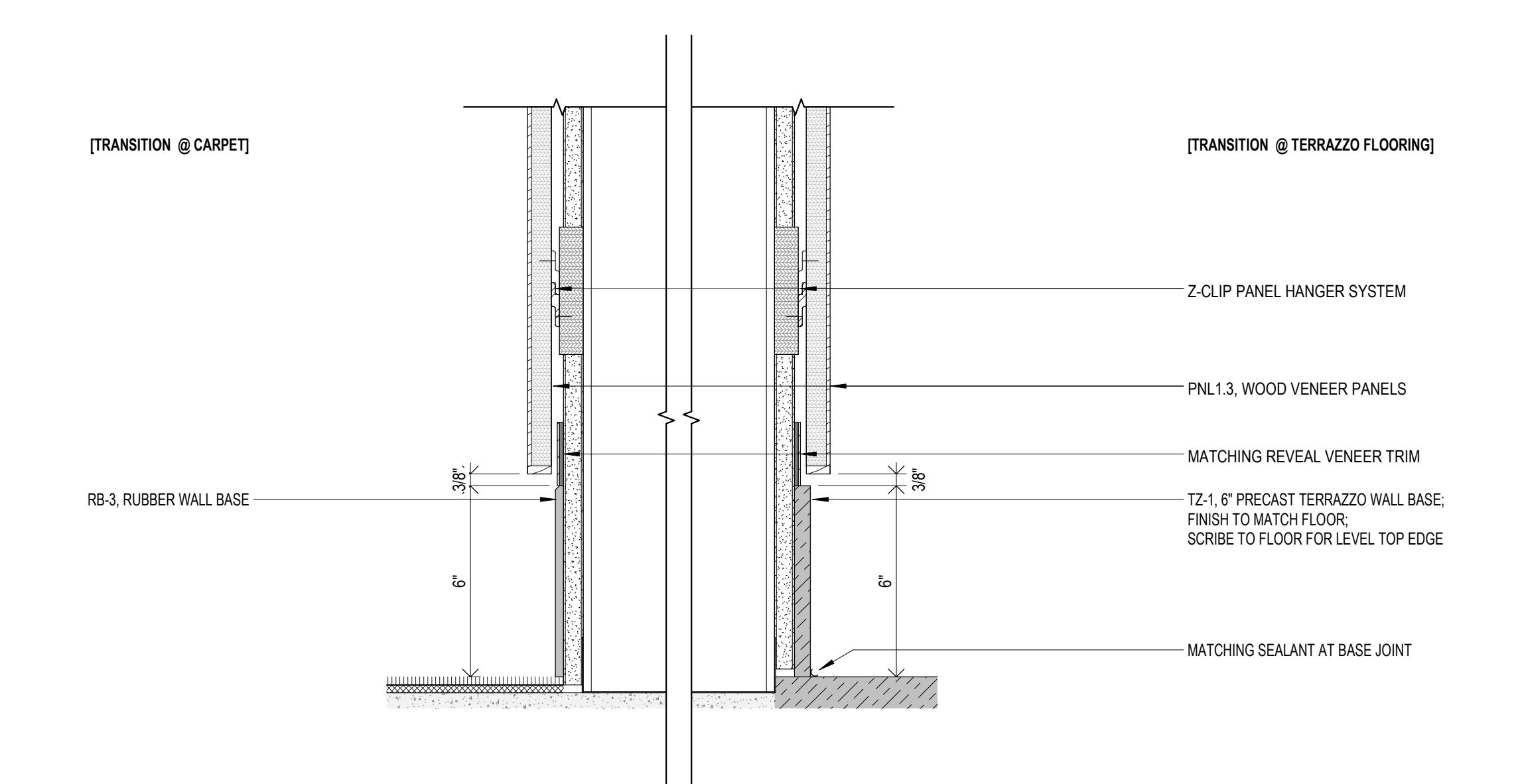
6 SECTION DETAIL - DECORATIVE WOOD WALL - PNL WALL/CEILING TRANSITION @ WD SCREEN HEAD



3 SECTION DETAIL - DECORATIVE WOOD WALL - PNL WALL TO FABRIC CEILING TRANSITION



2 | SECTION DETAIL - DECORATIVE WOOD WALL - PNL WALL TO PNL CEILING TRANSITION



1 SECTION DETAIL - DECORATIVE WOOD WALL - PNL WALL TO FLOOR TRANSITION



RELEASE TITLE / DATE

CONSTRUCTION DOCUMENT SET

2025 03 17

SHEET TITLE:

WOOD WALL DETAILS

SHEET NO.

A512

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The originator should be notified immediately of any discrepancy. This drawing is copyrighted and remains property of the originator.

ACT ISSUANCE DATES:

E DESCRIPTION

THE TITLE / DATE
**CONSTRUCTION
DOCUMENT SET**
25.03.17

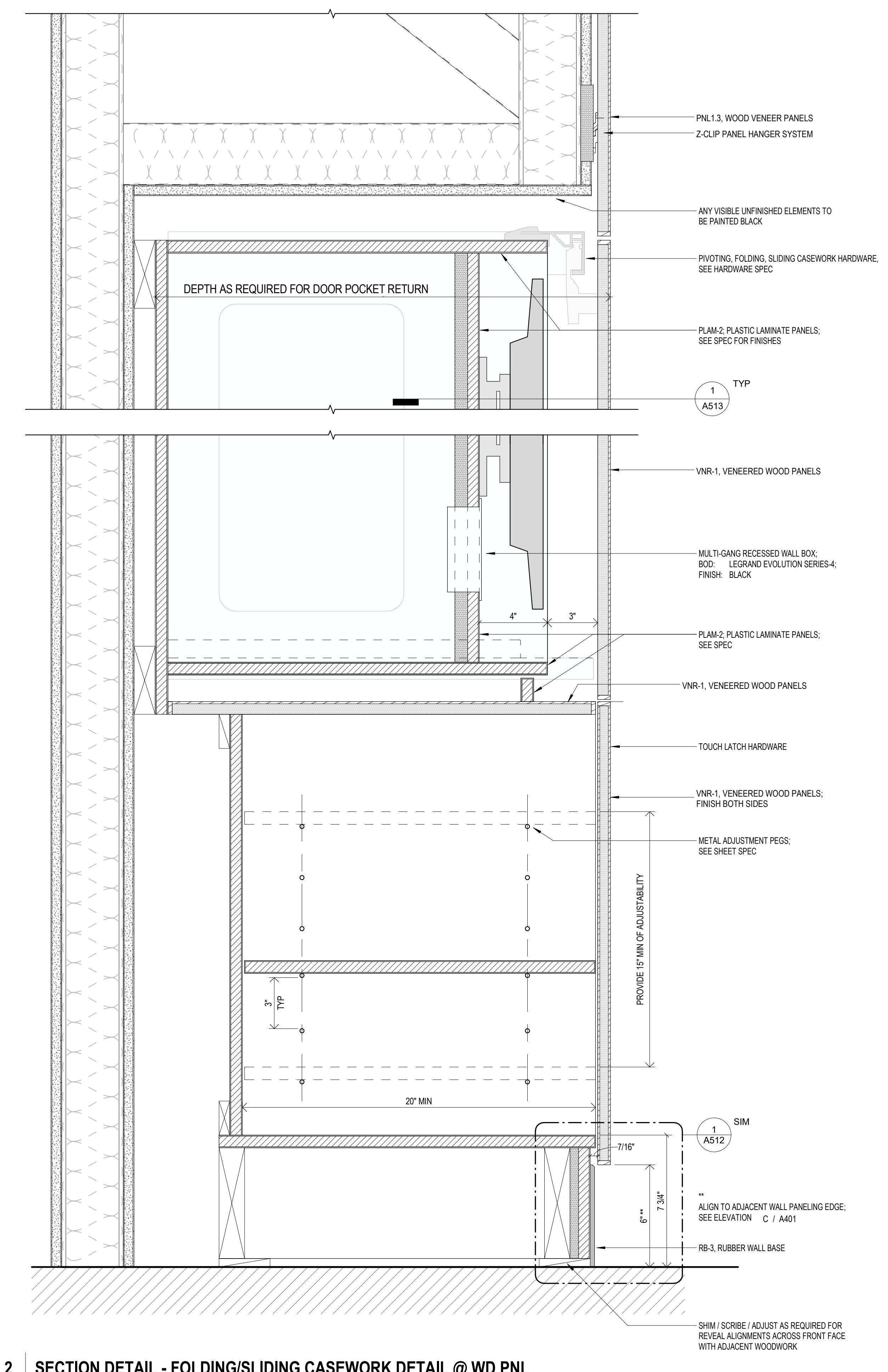
LE DCI USE ONLY BELOW THIS LINE

WOOD WALL DETAILS

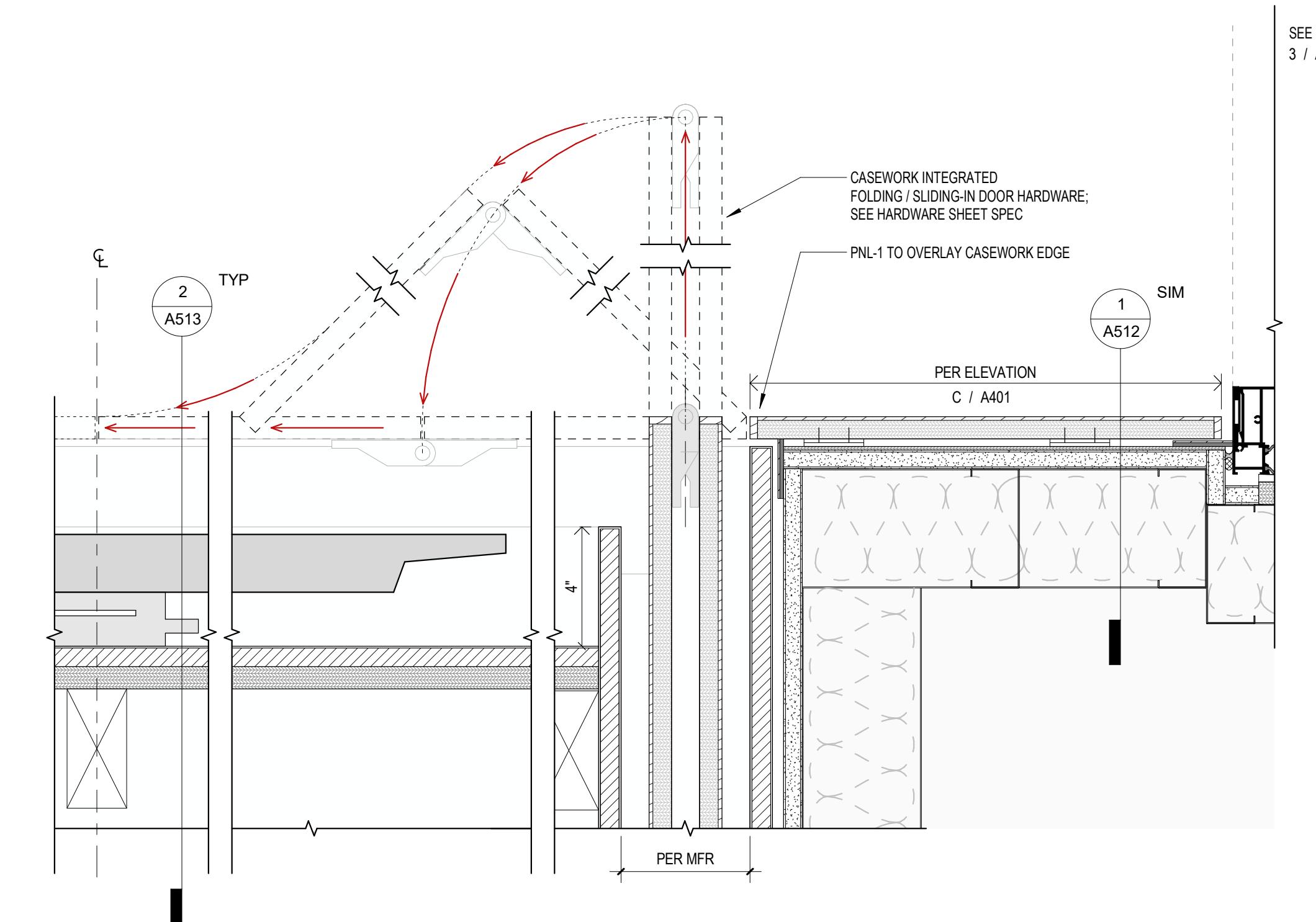
NO.

513

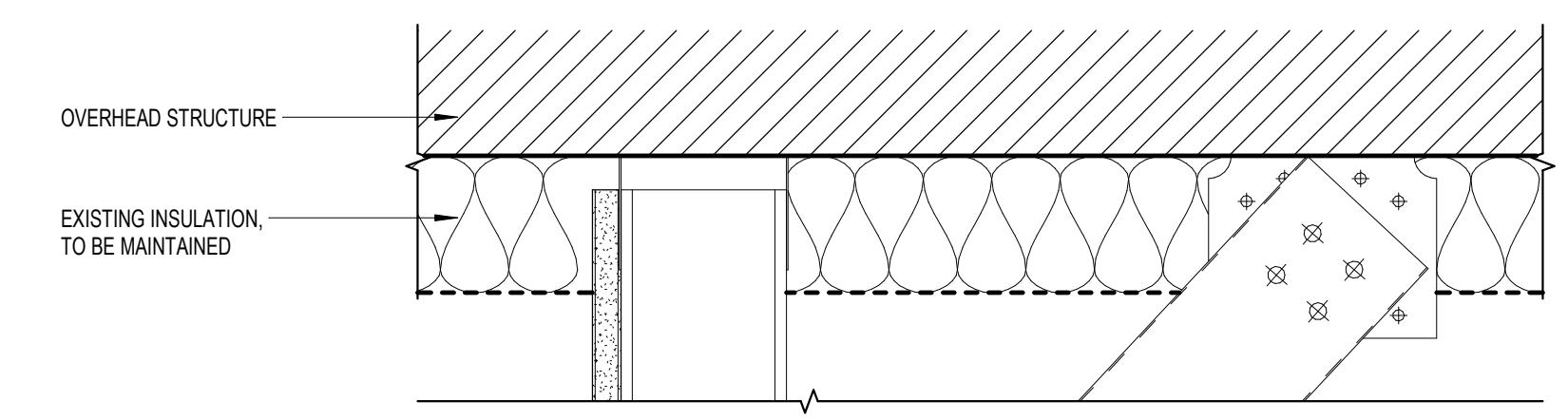
is to be read in conjunction with all related drawings. Do not scale from this drawing. All must be checked and verified on site before commencing any work or producing shop drawings. or should be notified immediately of any discrepancy. This drawing is copyrighted and remains the originator.



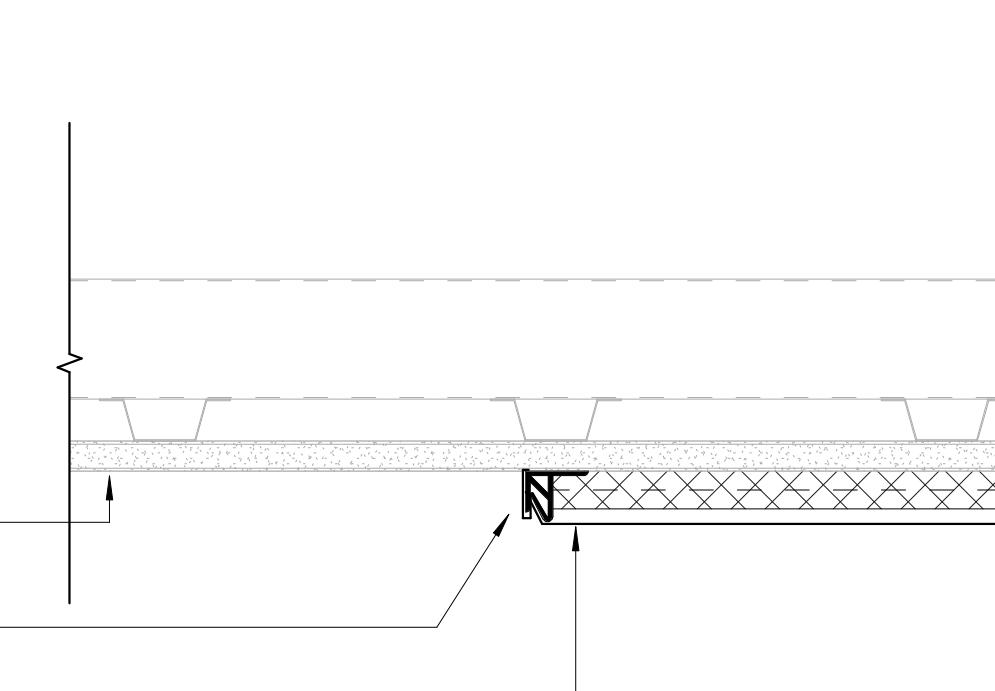
2 SECTION DETAIL - FOLDING/SLIDING CASEWORK DETAIL @ WD PNI



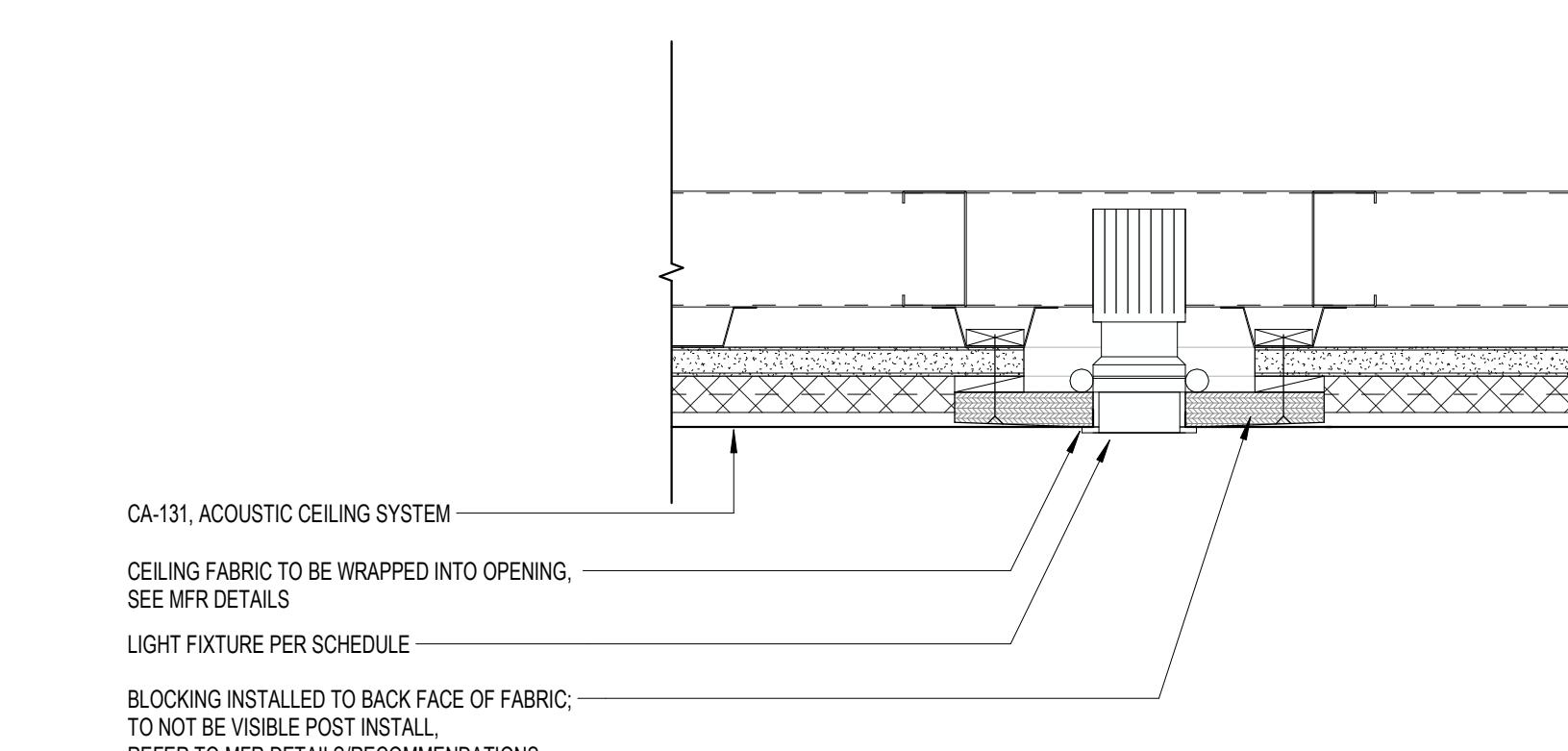
1 PLAN DETAIL - FOLDING/SLIDING CASEWORK DETAIL @ WD PNL



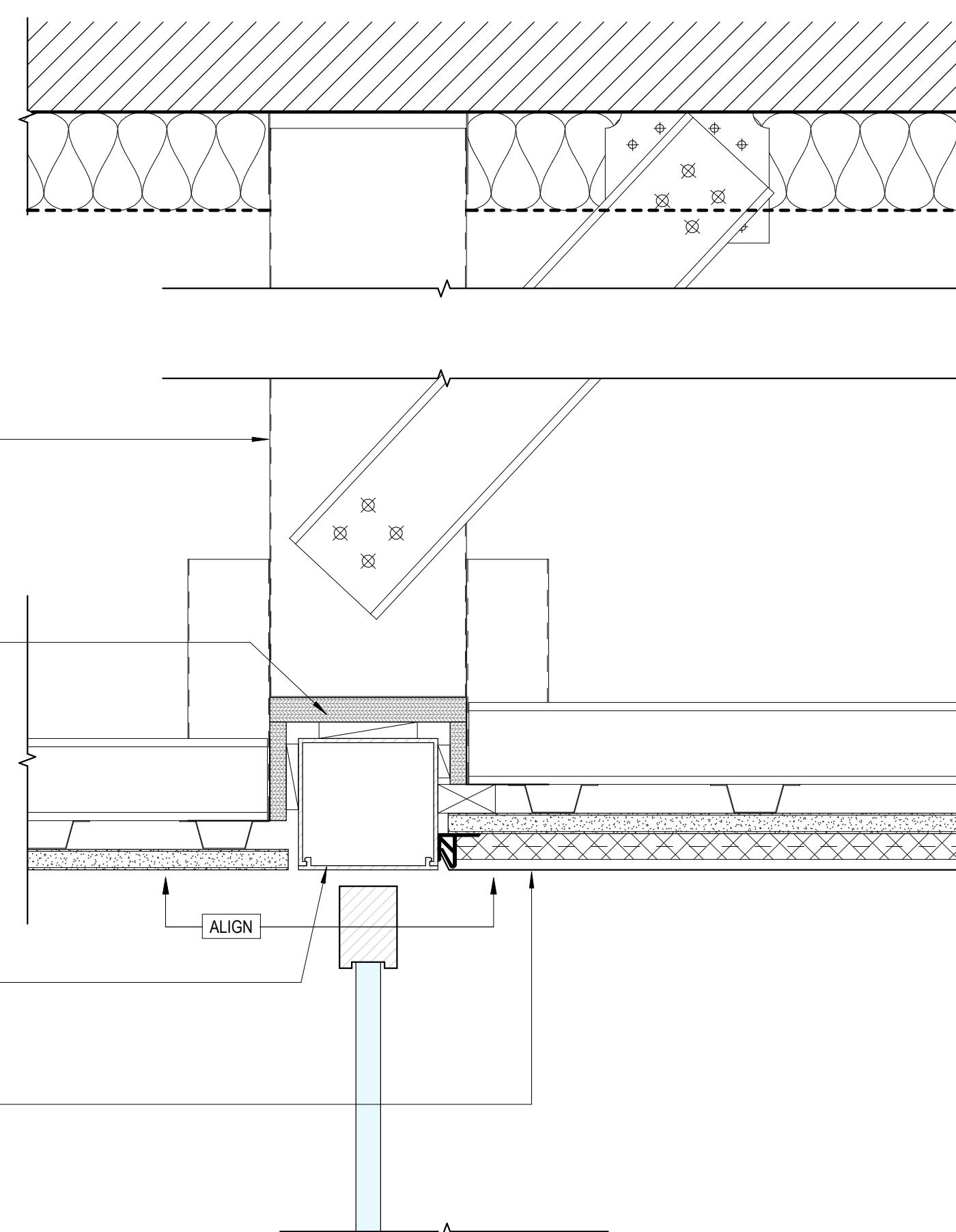
07 SECTION DETAIL - FABRIC CEILING @ SOFFIT PERIMETER



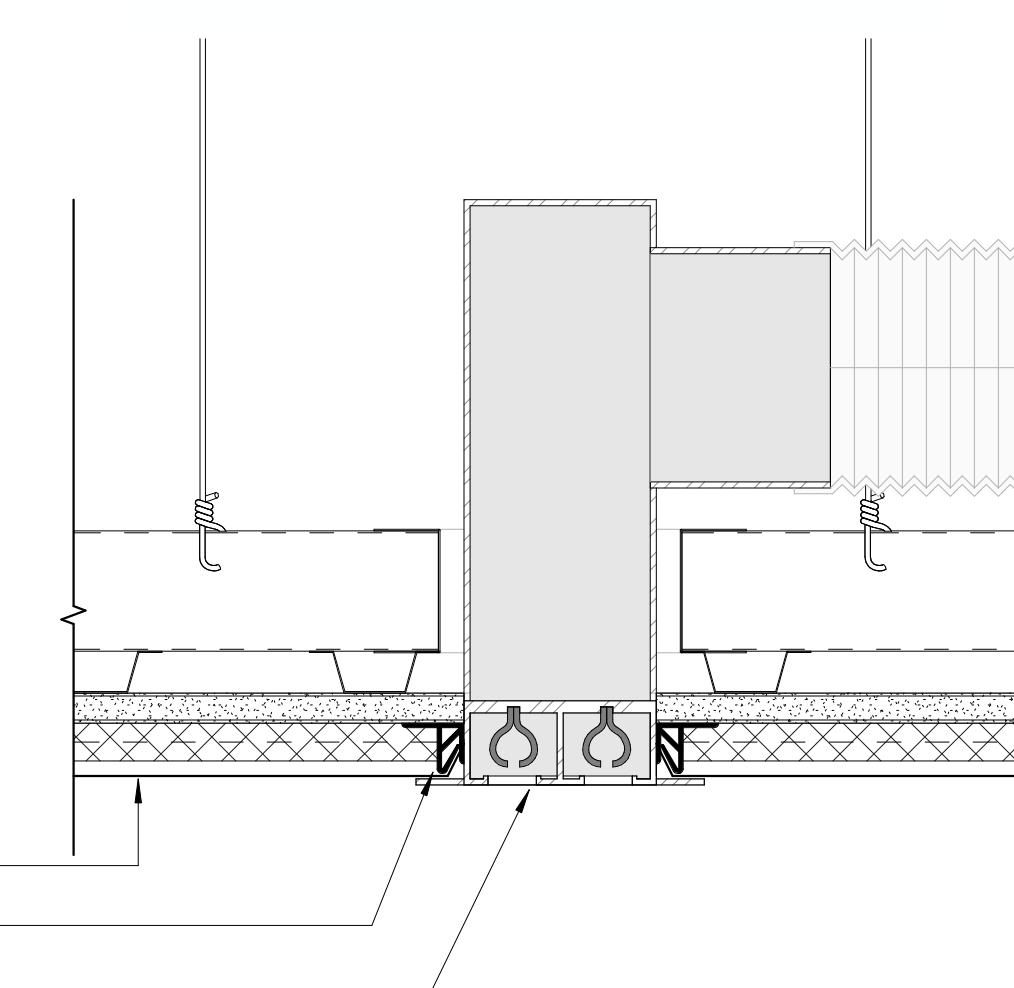
04 SECTION DETAIL - FABRIC CEILING @ EDGE TRANSITION



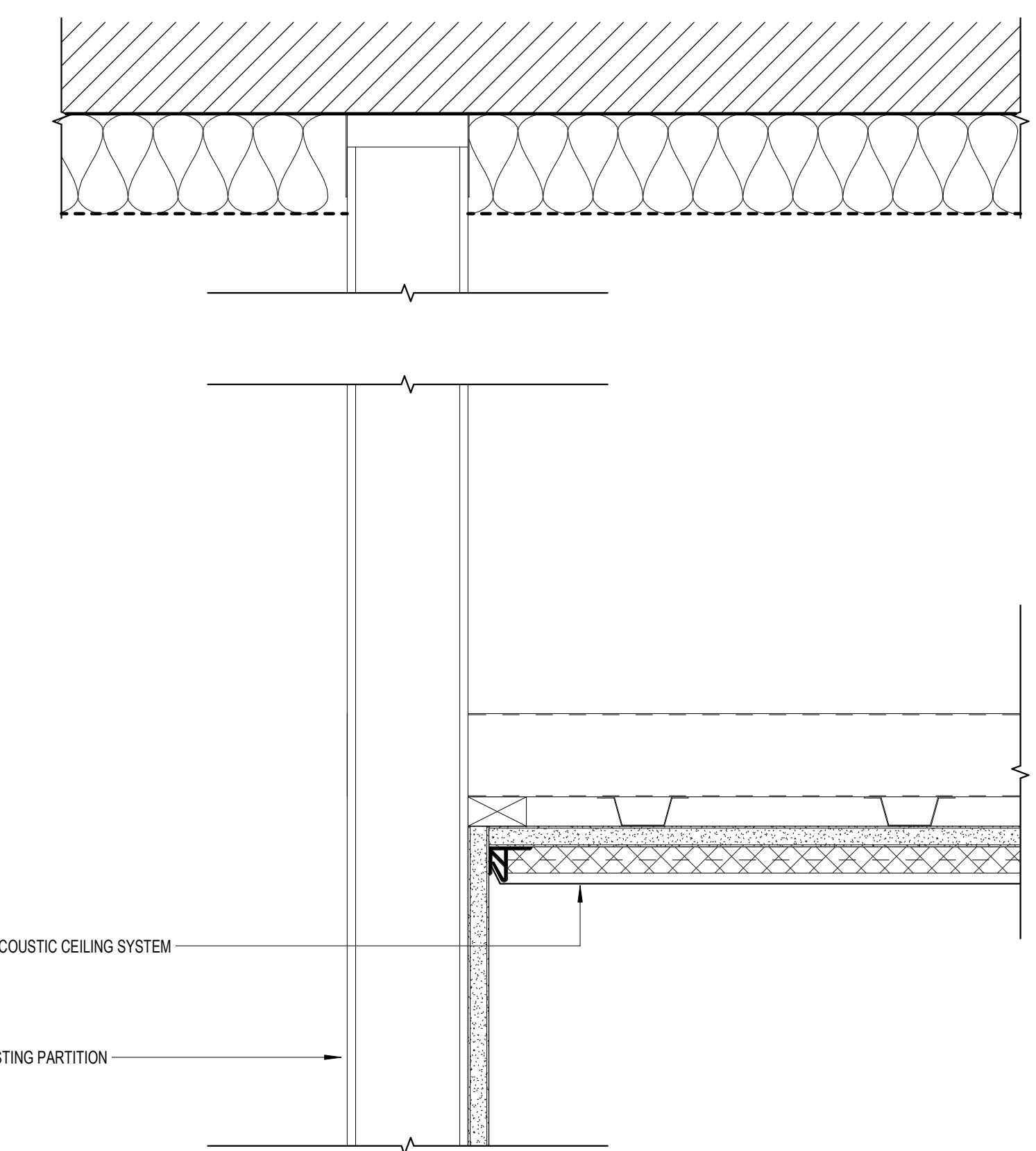
03 | SECTION DETAIL - FABRIC CEILING @ DOWNLIGHT



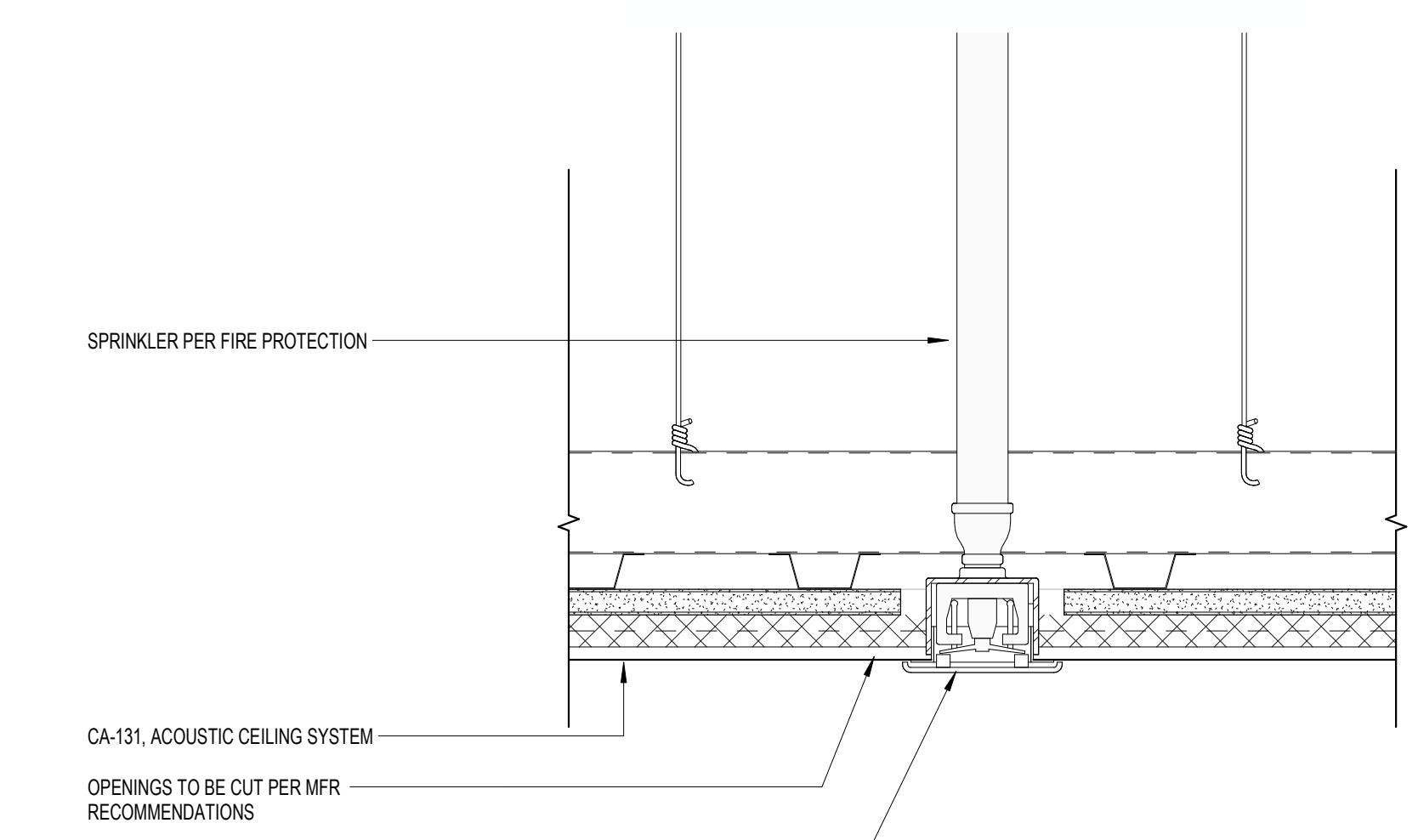
06 | SECTION DETAIL - FABRIC CEILING @ ENTRY DOOR



02 | SECTION DETAIL - FABRIC CEILING @ DIFFUSER



05 | SECTION DETAIL - FABRIC CEILING @ WALL



01 SECTION DETAIL - FABRIC CEILING @ SPRINKLER

PROJECT ISSUANCE DATES:

Seal

RELEASE TITLE / DATE

**CONSTRUCTION
DOCUMENT SET**

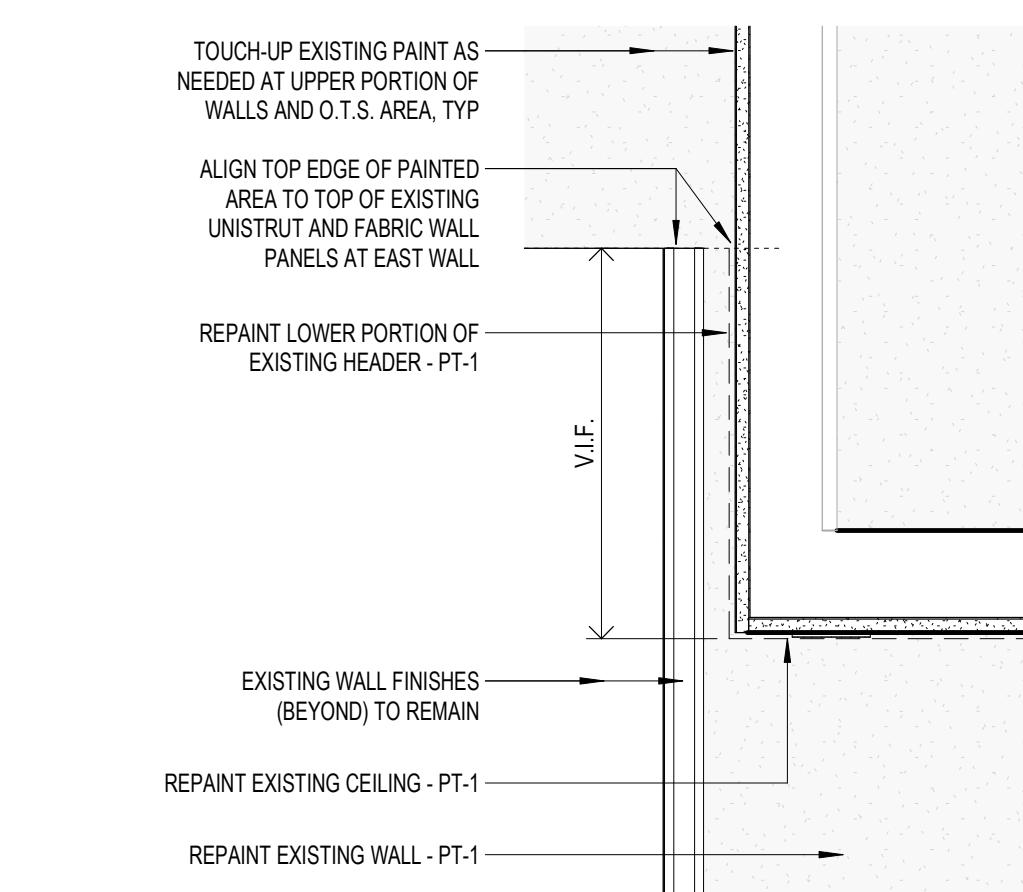
2025.03.17

SEATTLE DCI USE ONLY BELOW THIS LINE

ACOUSTIC CEILING DETAILS

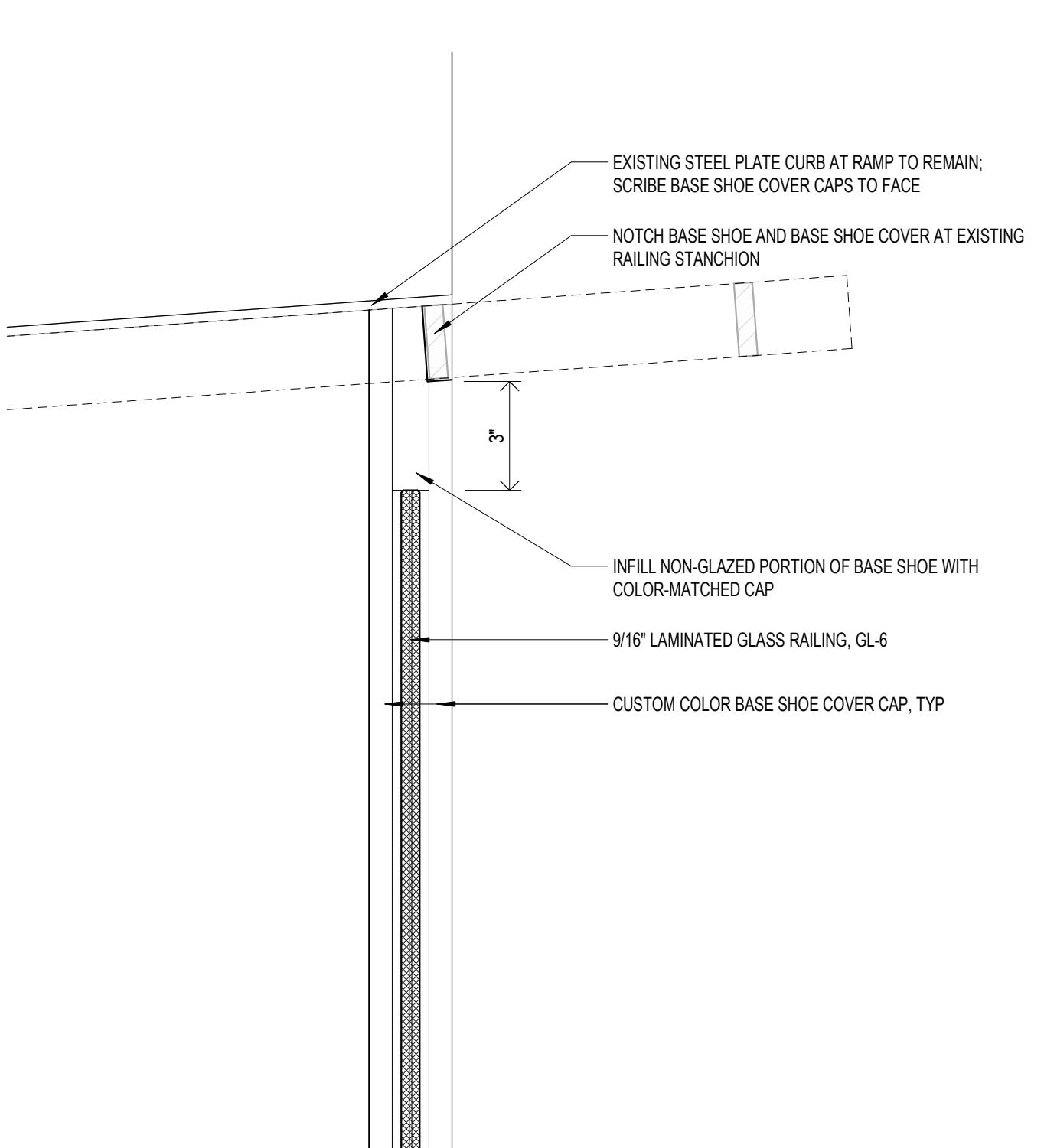
SHEET NO.

A515



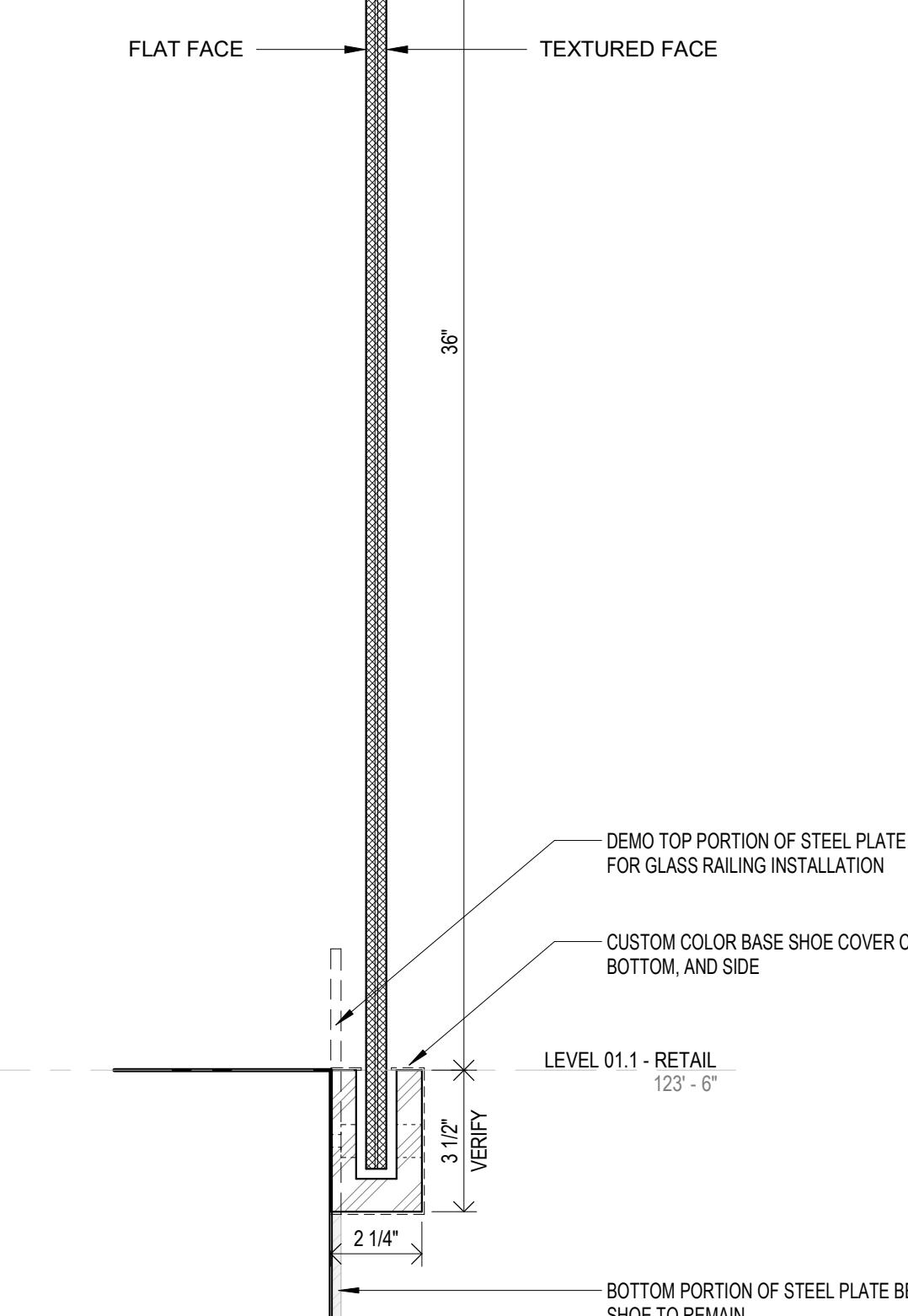
9 | DETAIL - EXISTING HEADER AT CEILING EDGE

$1\frac{1}{2} \times 1\frac{1}{4}$



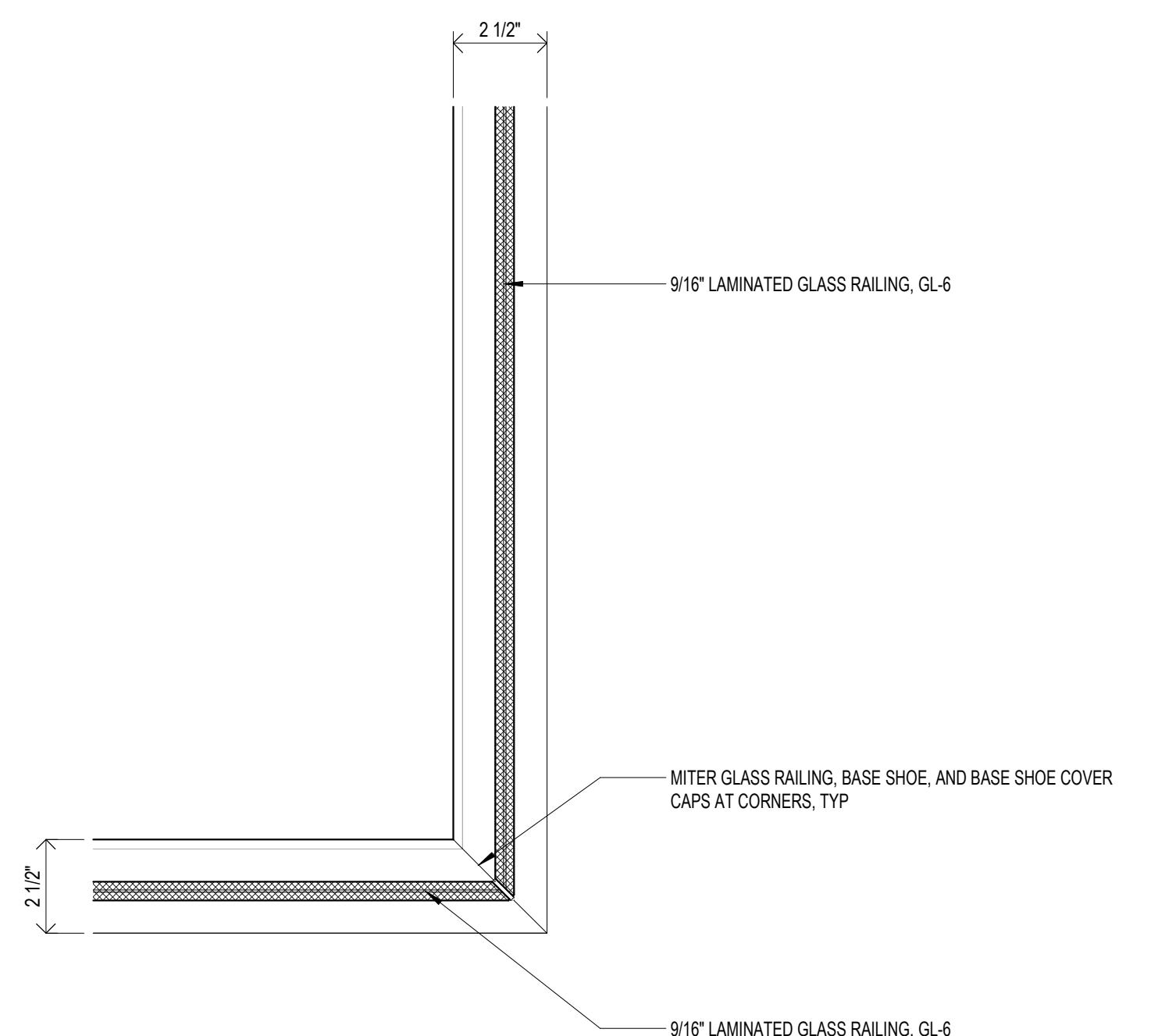
7 | PLAN DETAIL AT CORNER - GLASS RAILING TO EXISTING RAILING

$3\frac{1}{2} \times 1\frac{1}{4}$



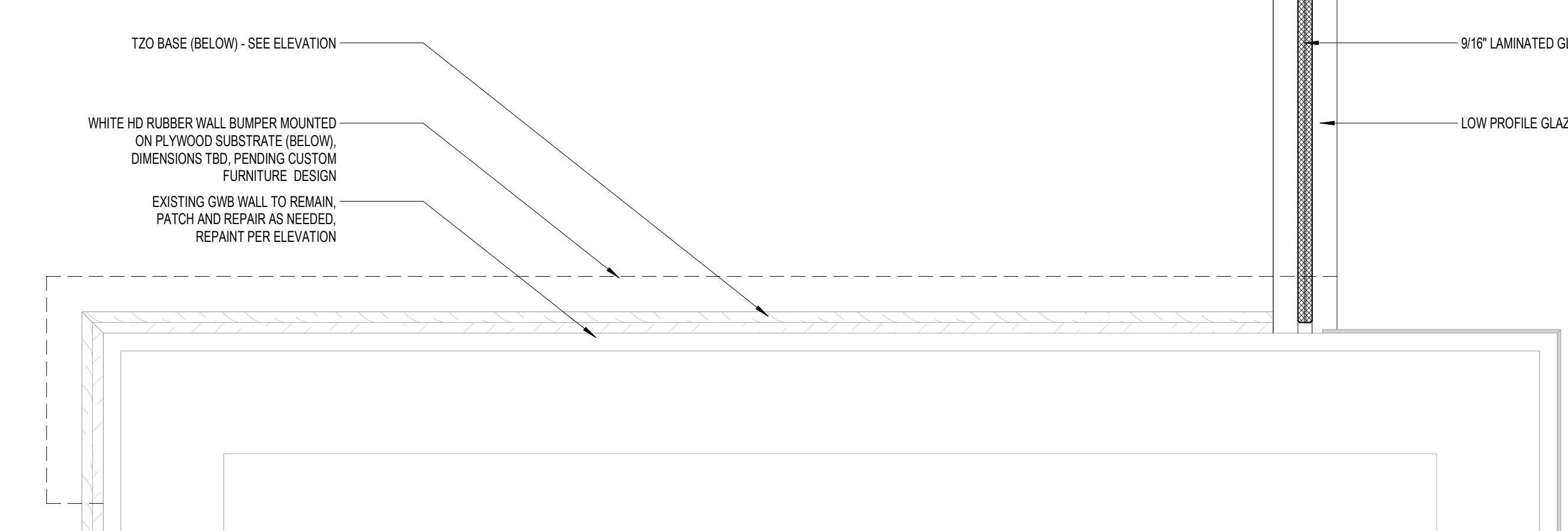
8 | SECTION DETAIL AT GLASS RAILING

$3\frac{1}{2} \times 1\frac{1}{4}$



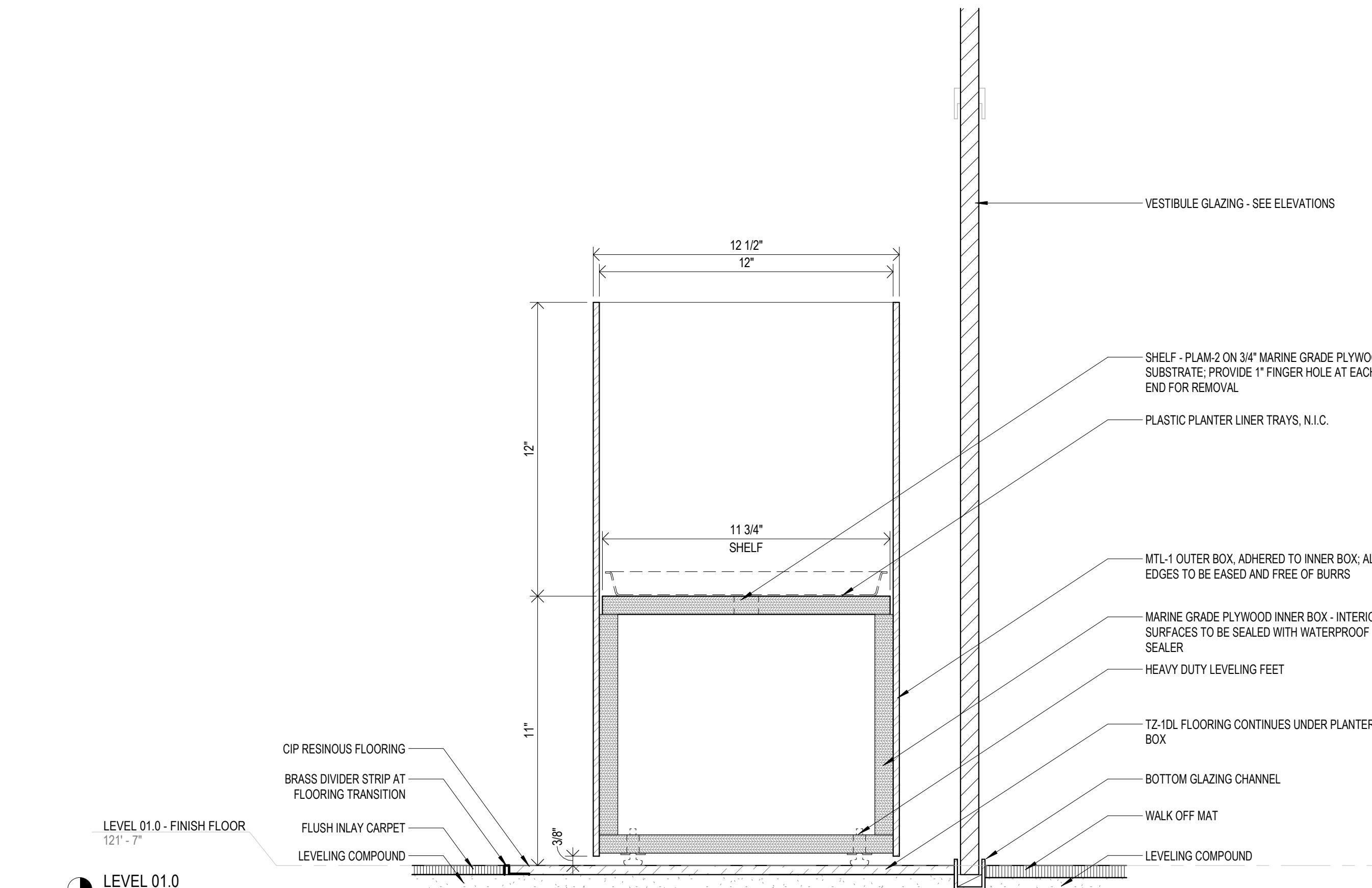
6 | SECTION DETAIL AT GLASS RAILING CORNER JOINT

$3\frac{1}{2} \times 1\frac{1}{4}$



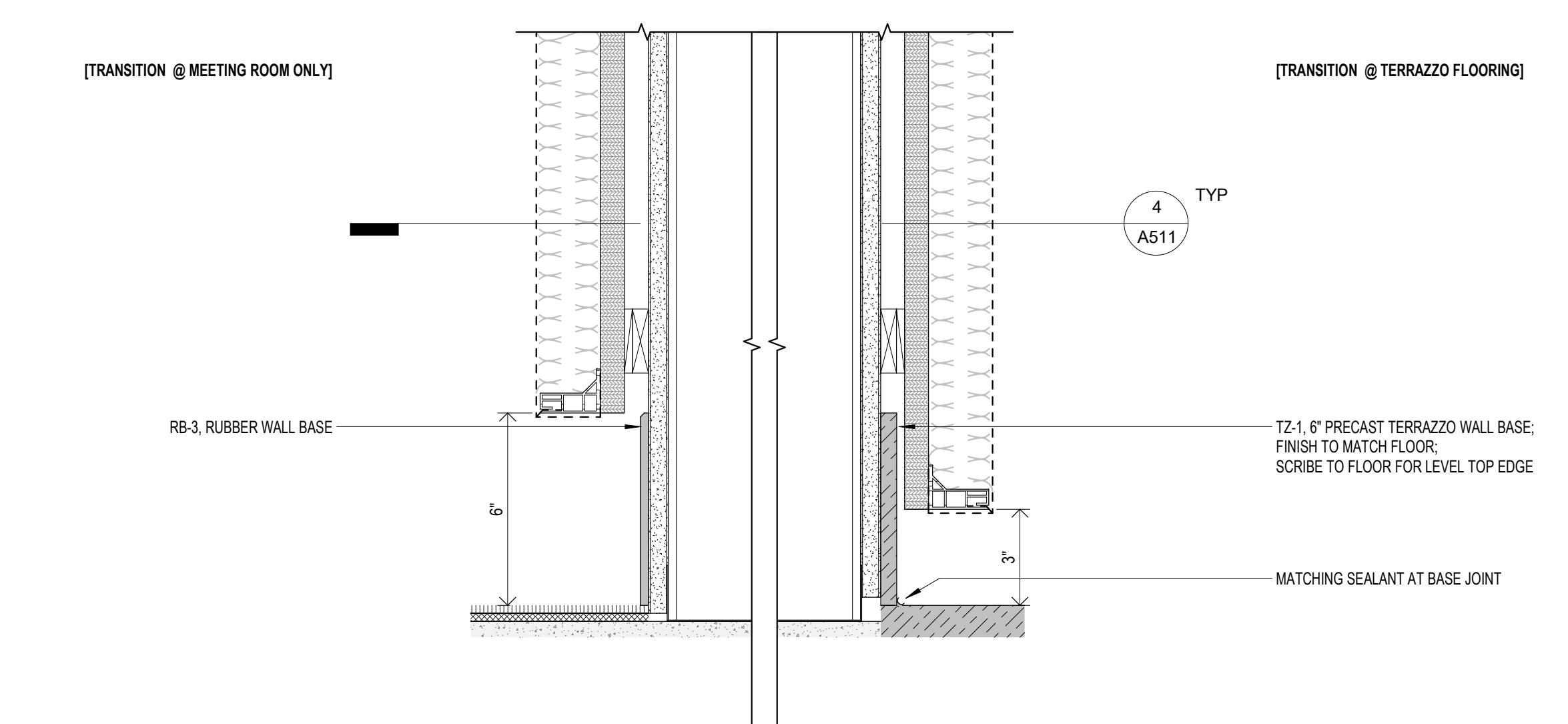
5 | PLAN DETAIL AT PILASTER

$3\frac{1}{2} \times 1\frac{1}{4}$



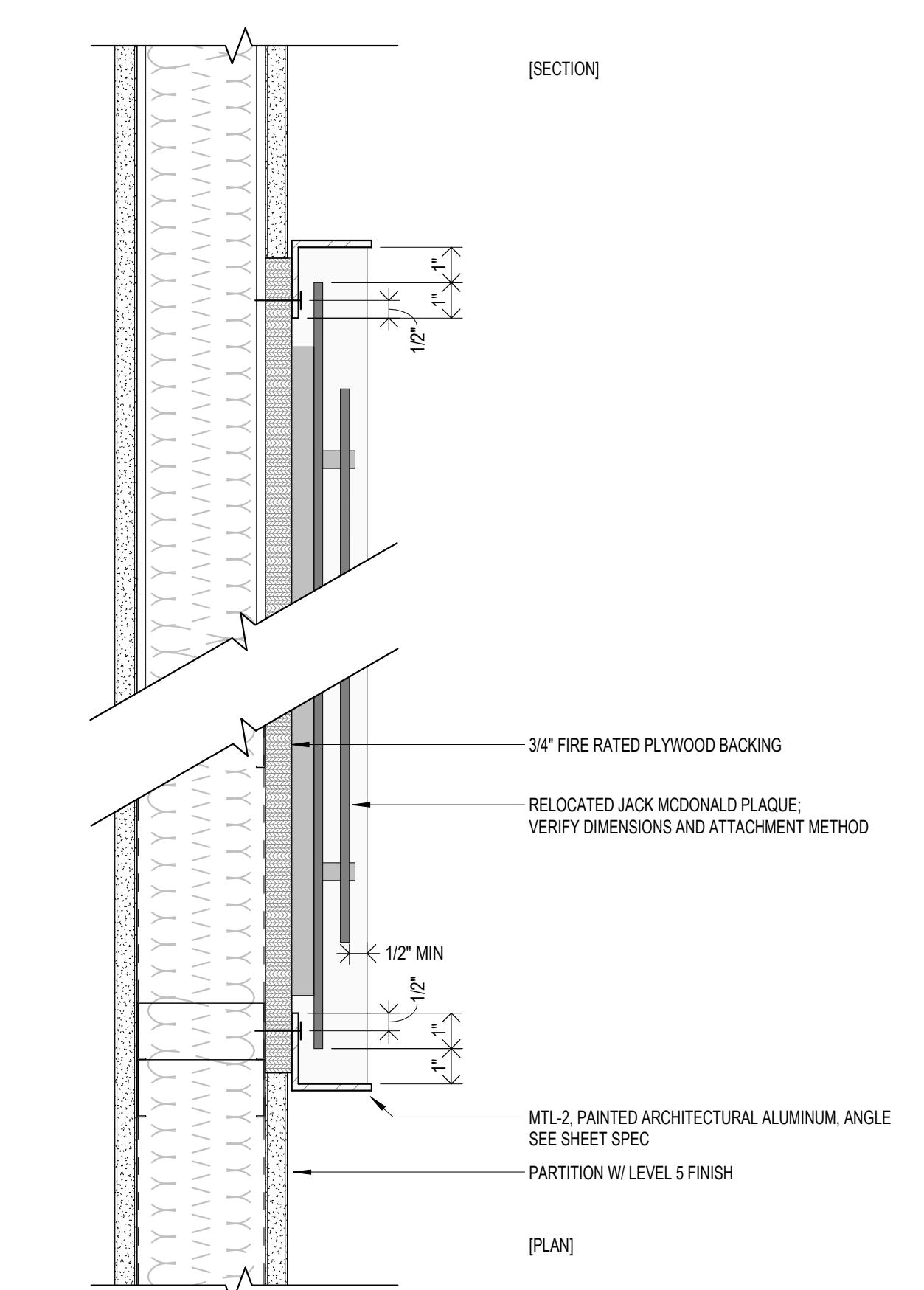
3 | SECTION DETAIL - PLANTER BOX AT CHANNEL-SET GLAZING

$3\frac{1}{2} \times 1\frac{1}{4}$



2 | SECTION DETAIL - DECORATIVE WOOD WALL - TXT-1 PANEL BASE

$3\frac{1}{2} \times 1\frac{1}{4}$



1 | PLAN/SECTION DETAIL - MTL FRAME @ PLAQUE

$3\frac{1}{2} \times 1\frac{1}{4}$

PROJECT ISSUANCE DATES

DATE DESCRIPTION

SHEET REVISIONS

NO. DATE DESCRIPTION

Seal

RELEASE TITLE / DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

SEATTLE DC USE ONLY BELOW THIS LINE

SHEET TITLE:
MISCELLANEOUS DETAILS

SHEET NO.

A517

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing the work or producing shop drawings. The original drawing must be checked and verified immediately after stamping. The drawing is the property of the original.

PARTITION NOTES
1. ACUSTIC WALLS TO HAVE ACUSTIC SEALANT AROUND ENTIRE PERIMETER WHERE THEY MEET ADJACENT WALLS OR OTHER ARCHITECTURAL ELEMENTS

A

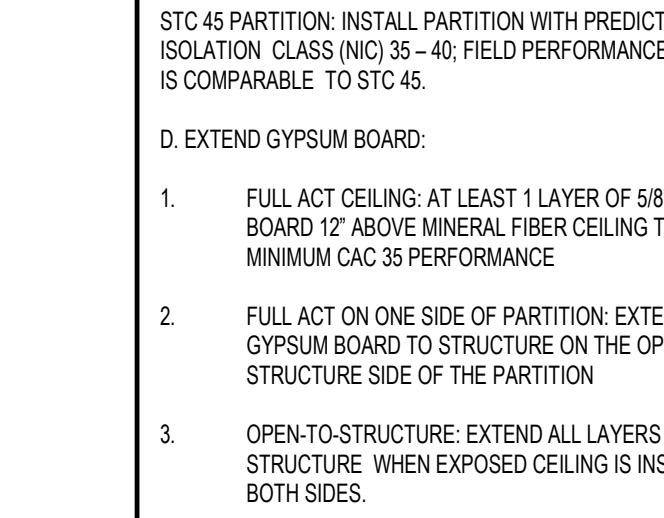
PARTITION TYPE A NOTES:

STC 45 PARTITION: INSTALL PARTITION WITH PREDICTED NOISE ISOLATION CLASS (INC 34-40). FIELD PERFORMANCE METRIC THAT IS COMPARABLE TO STC 45.
D. EXTEND GYPSUM BOARD:

- FULL ACT CEILING AT LEAST 1 LAYER OF 5/8" GYPSUM BOARD 12' ABOVE MINERAL FIBER CEILING TILE WITH MINIMUM CAC 35 PERFORMANCE
- FULL ACT ON ONE SIDE OF PARTITION EXTEND 1 LAYER OF GYPSUM BOARD TO STRUCTURE ON THE OPEN-TO-STRUCTURE SIDE OF THE PARTITION
- OPEN TO STRUCTURE: EXTEND ALL LAYERS TO STRUCTURE WHEN EXPOSED CEILING IS INSTALLED ON BOTH SIDES
- SEAL THE GYPSUM BOARD TO THE STRUCTURE (FIREPROOFING OR METAL FINISH) WITH SPRAY-APPLIED ELASTOMERIC SEALANT, SUCH AS HILTI CP-572 SMOKE AND ACOUSTICAL SPRAY OR STI SPECIAL SNS SMOKE N SOUND ACOUSTICAL SEALANT.
- G. GLASS SHOULD BE 5/16" ACOUSTICALLY LAMINATED GLASS OR 1/4" MONOLITHIC GLASS.

F. GLASS TESTED BY CALCULATED ADJUSTMENT OF SOUND TEST USGSB105²⁹

PLAN VIEW



GB + STUD + GB

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

TWO LAYERS OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATTENUATION INSULATION, SEE MATRIX FOR REQUIREMENTS

ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE

SEE FINISH PLAN FOR SCHEDULED FINISH

16 O.C. MAX

METAL STUD, SEE MATRIX FOR SIZE

SOUND ATT

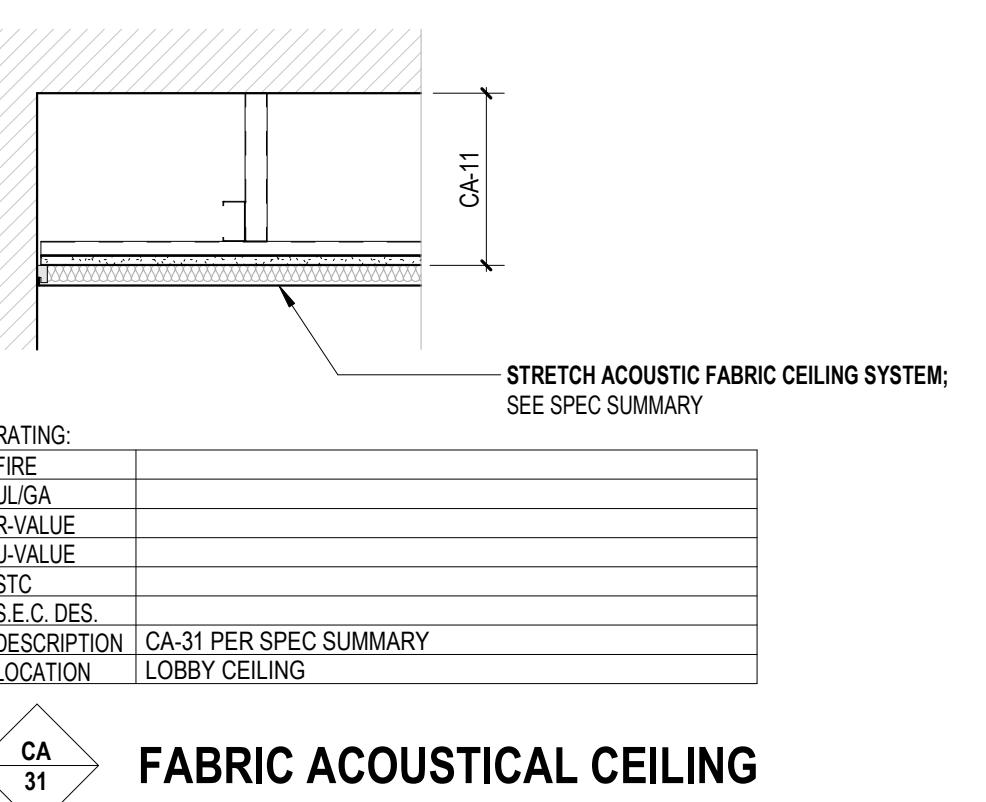
PROJECT ISSUANCE DATES:

DATE	DESCRIPTION
------	-------------

DESCRIPTION

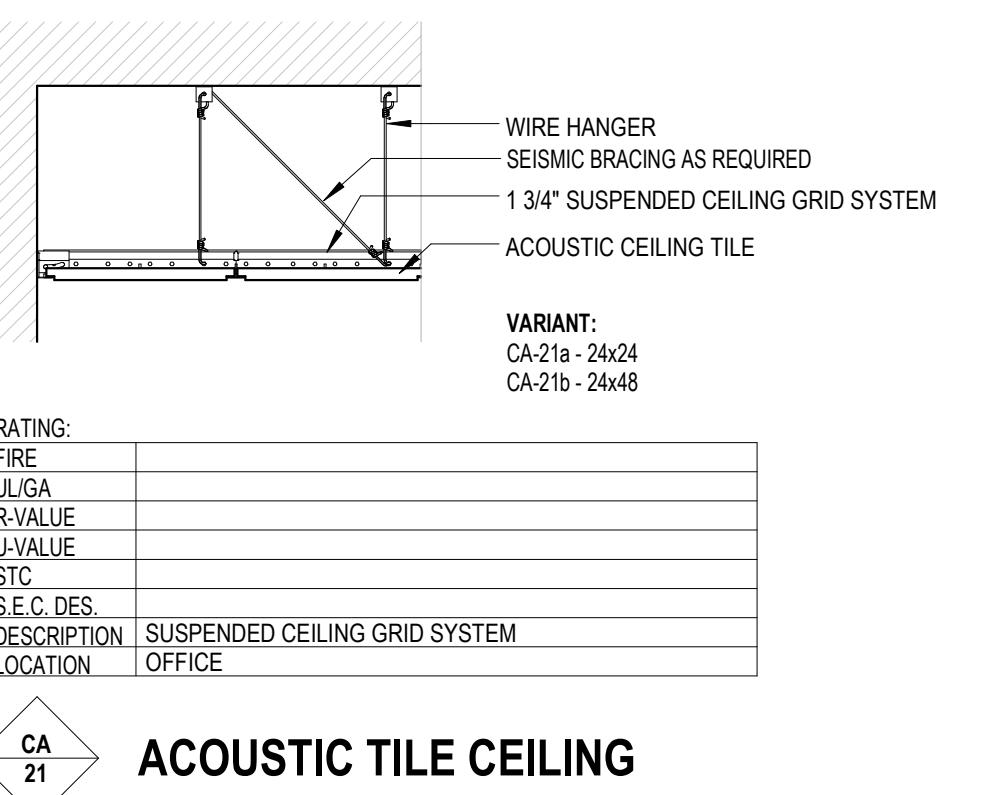
Seal

MISCELLANEOUS



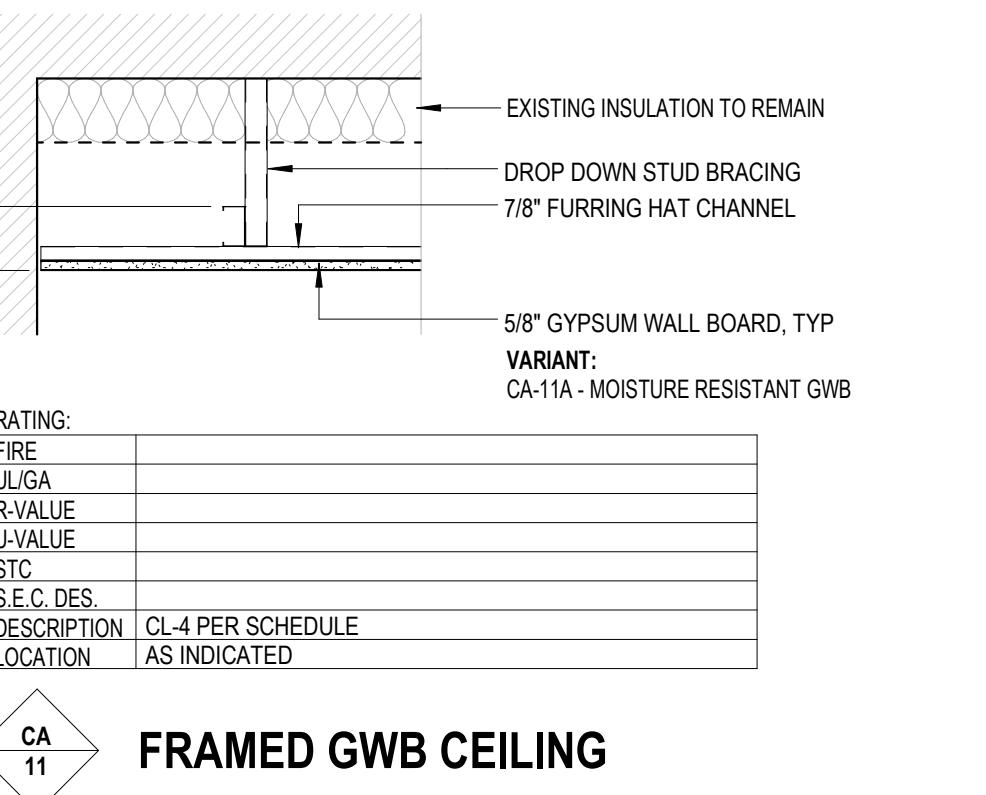
FABRIC ACOUSTICAL CEILING

[View Details](#) | [Edit](#) | [Delete](#)



ACOUSTIC TILE CEILING

[View Details](#) | [Edit](#) | [Delete](#)



FRAMED GWB CEILING

[View Details](#) | [Edit](#) | [Delete](#)

SHEET TITLE:
**TYP.CEILING
TYPES**

SHEET M

A631

This drawing

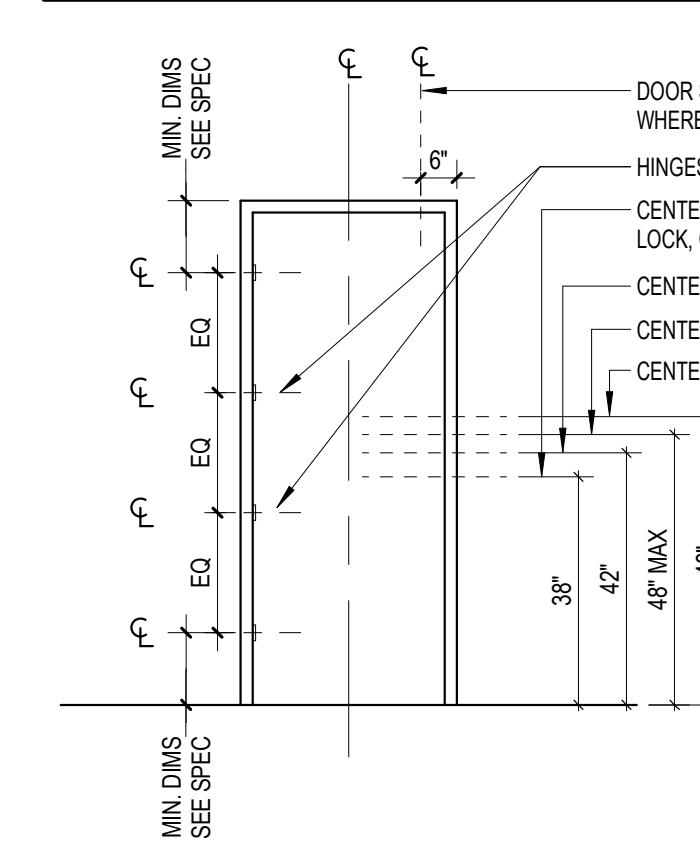
This drawing is to be read in conjunction with all related drawings. DO NOT SCALE from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The originator should be notified immediately of any discrepancy. This drawing is copyrighted and remains property of the originator.

DOOR NOTES

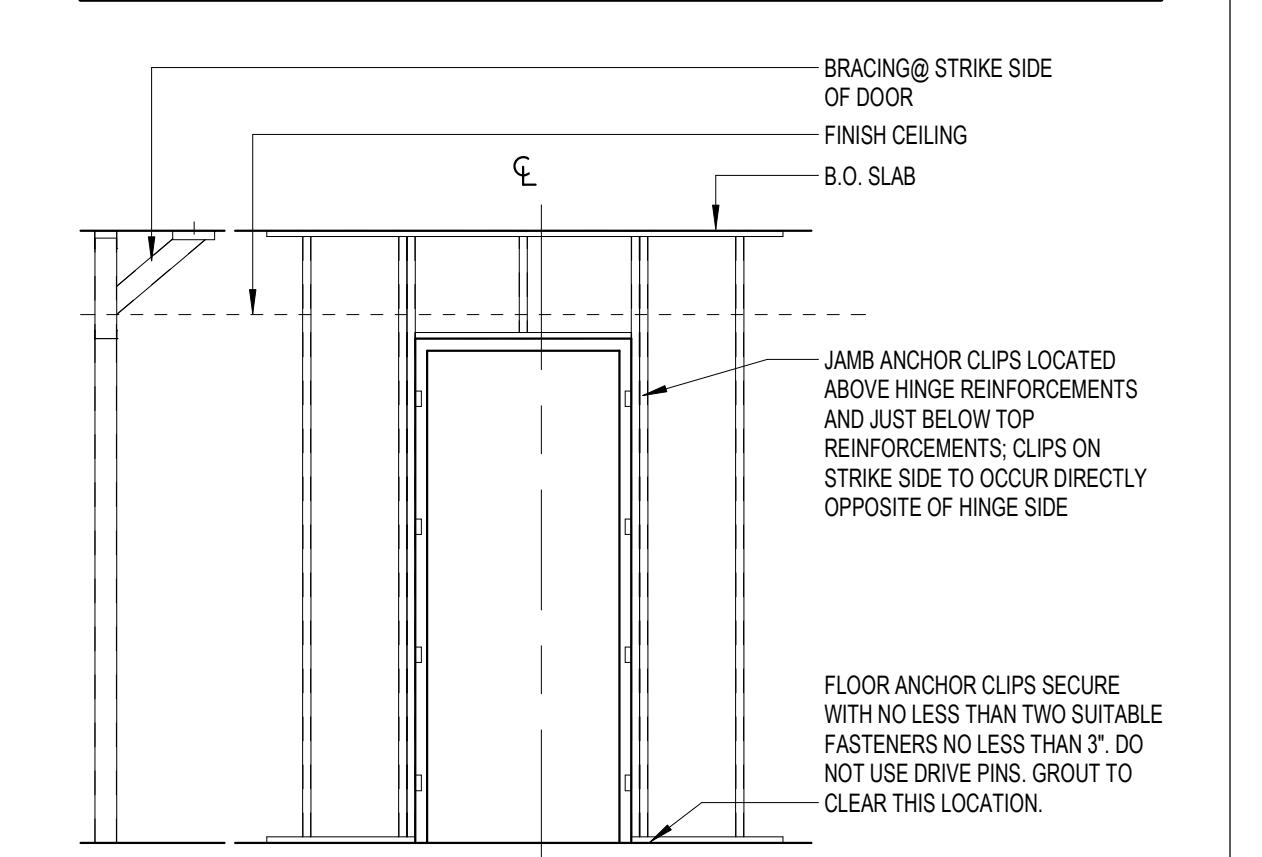
- NON-MASONRY DOOR FRAMES TO BE REINFORCED AT STRIKE SIDE
- INTERIOR METAL DOORS TO BE MIN. 18 GAUGE COLD-ROLLED STEEL WITH MIN. 16 GAUGE COLD-ROLLED FRAME
- EXTERIOR METAL DOOR FRAMES TO BE MIN. 16 GAUGE A-60 GALVANIZED
- ALL METAL FRAMES TO BE WELDED
- UNDERCUTS TO BE REDUCED TO 1/4" MAX AT PRIVATE OFFICE LOCATIONS

ADDITIONAL NOTES / DETAILS

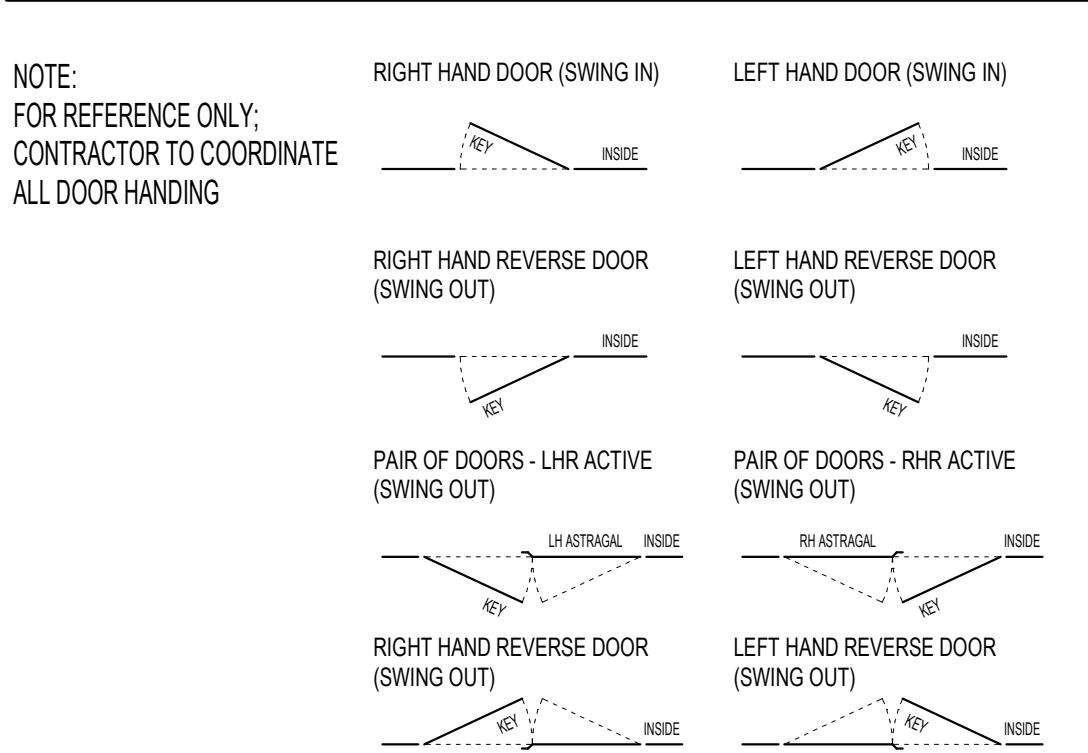
DOOR / FRAMES / HARDWARE TYPICAL DIMENSIONS



FRAMING AT METAL STUD PARTITIONS



DOOR HANDING LEGEND:

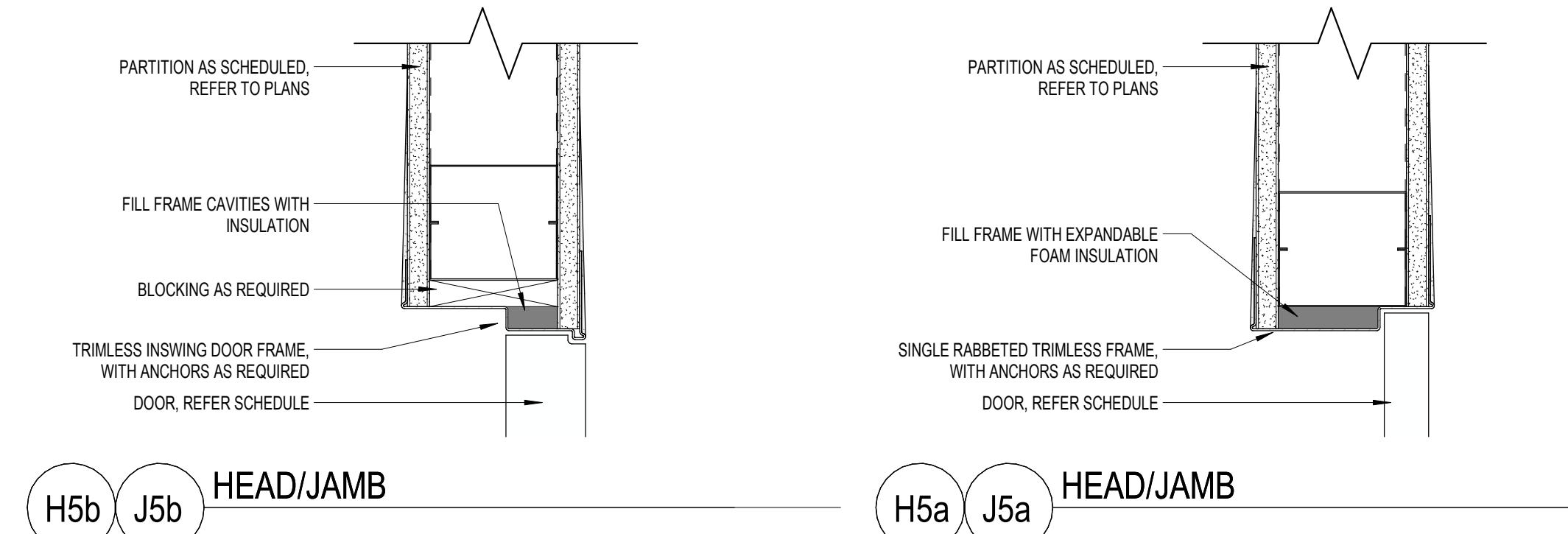


DOOR FINISH MATERIAL SUBTYPES:

FINISH	PANEL CONSTRUCTION	FINISH	PANEL CONSTRUCTION
PAINT VARNISH VENEERED	WOOD HOLLOW METAL GLASS/WOOD	MONOLITHIC SEE SCHED	TYPE -41 TYPE -42 TYPE -43
PAINT VARNISH VENEERED	SEE SCHED	SPECIALTY	TYPE -SS
PAINT VARNISH VENEERED	GLASS/WOOD GLASS/SHM	TYPE -21 TYPE -22 TYPE -23	TYPE -31 TYPE -32
PAINT VARNISH VENEERED	GLASS/SHM	TYPE -31 TYPE -32	TYPE -33

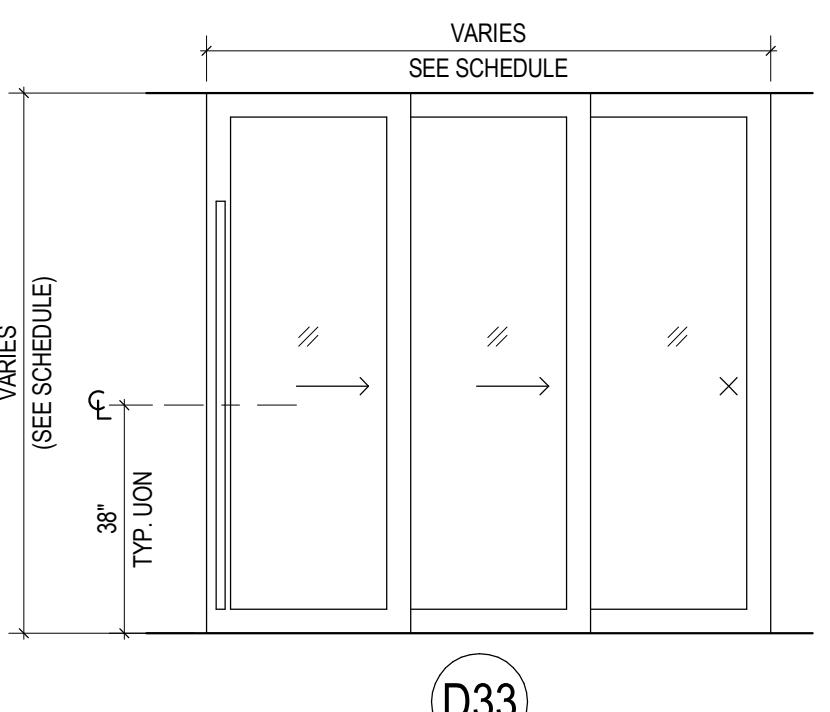
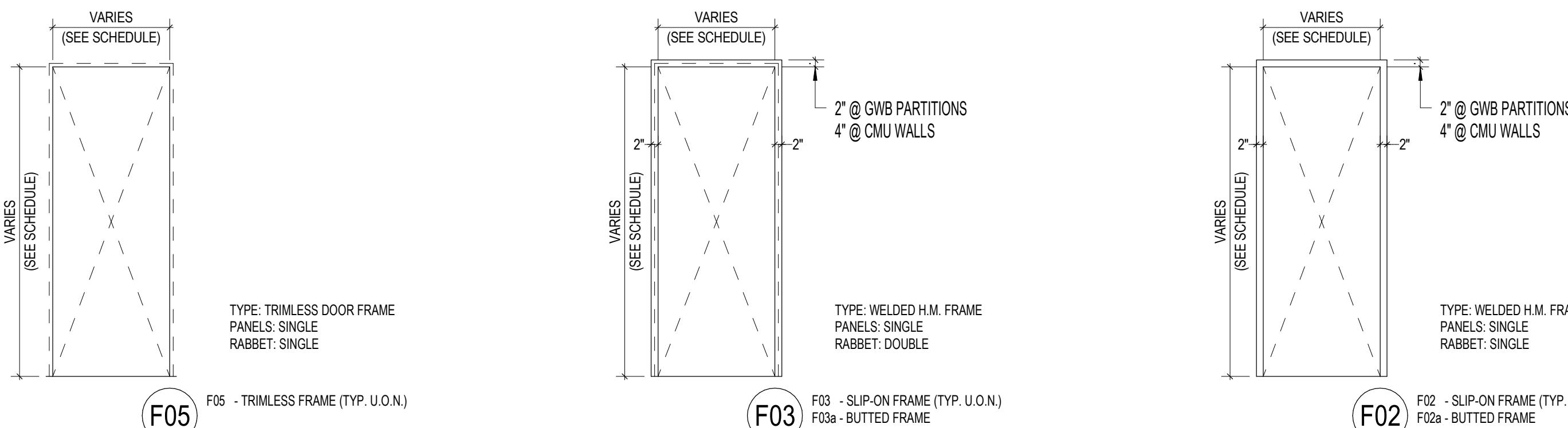
DOOR TYPE NOTES

DOOR JAMB AND HEADER TYPES

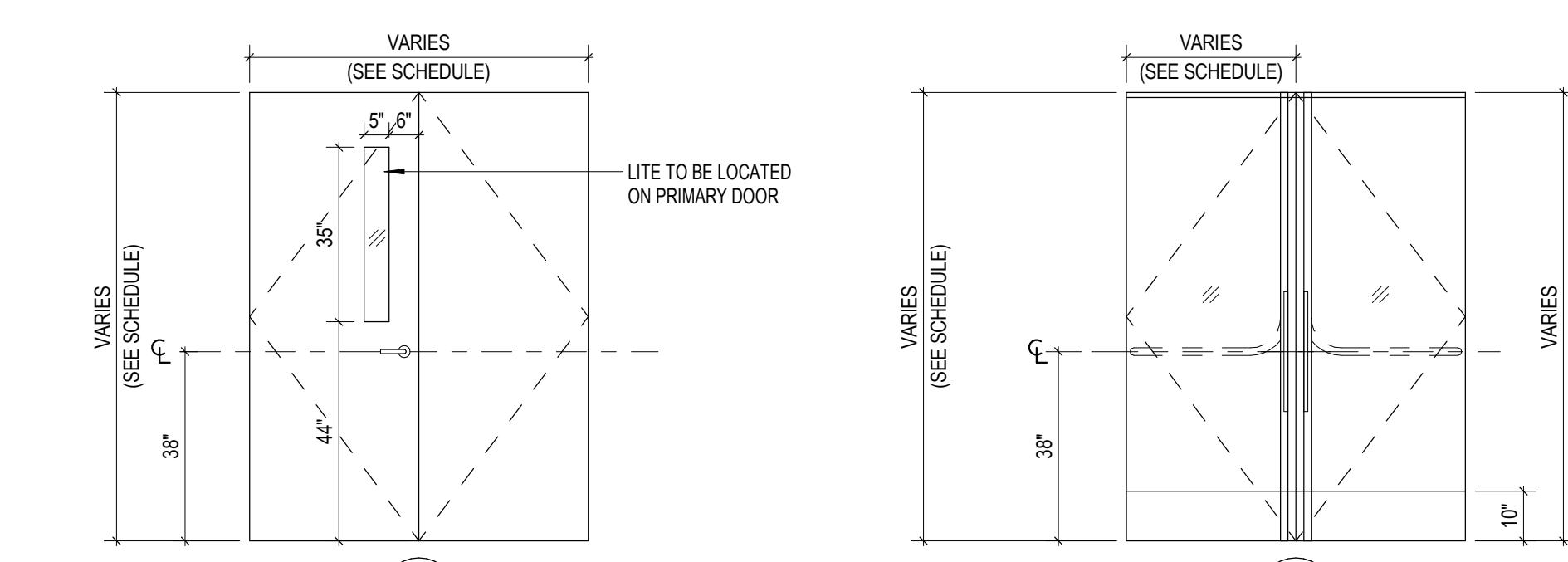


SPECIALTY

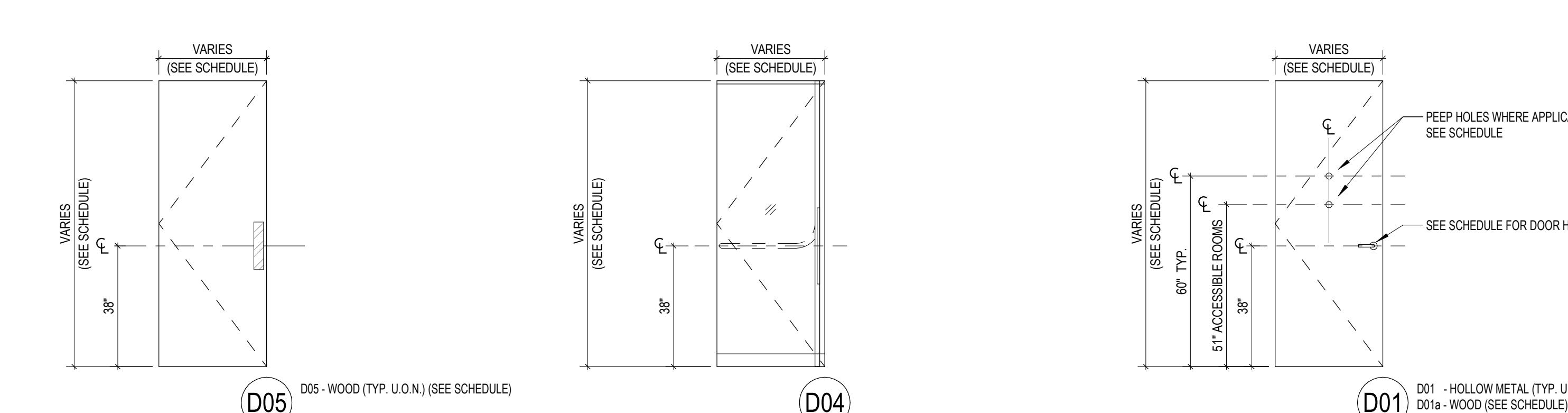
DOOR PANEL AND FRAME TYPES



DOOR FRAMES
SINGLE LEAF FRAMES
00



DOOR FRAMES
DOUBLE LEAF
10
SPECIALTY
30



DOOR PANELS
SINGLE LEAF
00

DOOR SCHEDULE - EXTERIOR

DOOR ID	DIMENSIONS			CONFIGURATION		DETAILS			HARDWARE DESCRIPTION	
	WIDTH	HEIGHT	FRAME	PANEL	MATERIAL	HEAD	JAMB	CARD READER	LOCK	
100.1a	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	→	→	EXISTING INTERIOR/EXTERIOR INTERCOMS / CARD READERS TO REMAIN; PATHWAYS AND WIRING TO BE REPLACED/REWIRED; ELEC DESIGNER TO COORDINATE
100.1b	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	→	→	EXISTING INTERIOR/EXTERIOR INTERCOMS / CARD READERS TO REMAIN; PATHWAYS AND WIRING TO BE REPLACED/REWIRED; ELEC DESIGNER TO COORDINATE
105	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	→	→	EXISTING LEVER/HANDLES TO BE REMOVED; PROVIDE TAMPER PROOF PLUG/CAPS WHERE HARDWARE HAS BEEN REMOVED; ASSOCIATED EXIT SIGNAGE TO BE REMOVED.

SHEET REVISIONS	
NO.	DATE
	DESCRIPTION

Seal

RELEASE TITLE / DATE
CONSTRUCTION DOCUMENT SET
2025.03.17

SEATTLE DC USE ONLY BELOW THIS LINE

TYP. DOOR TYPES

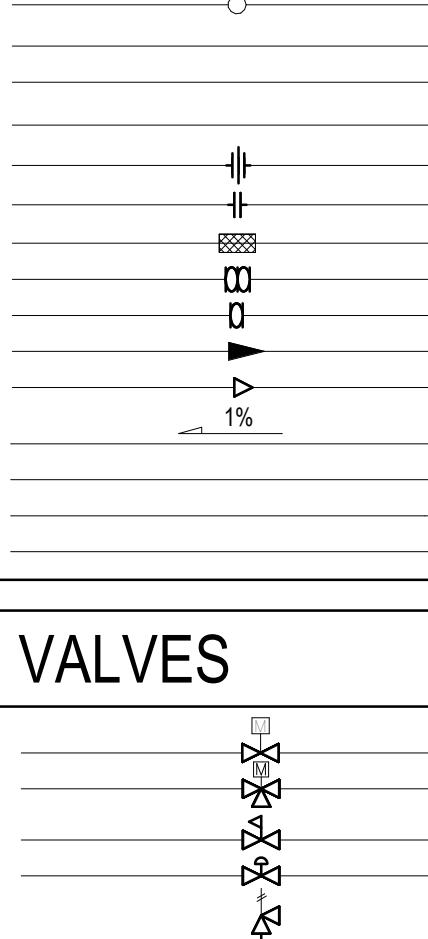
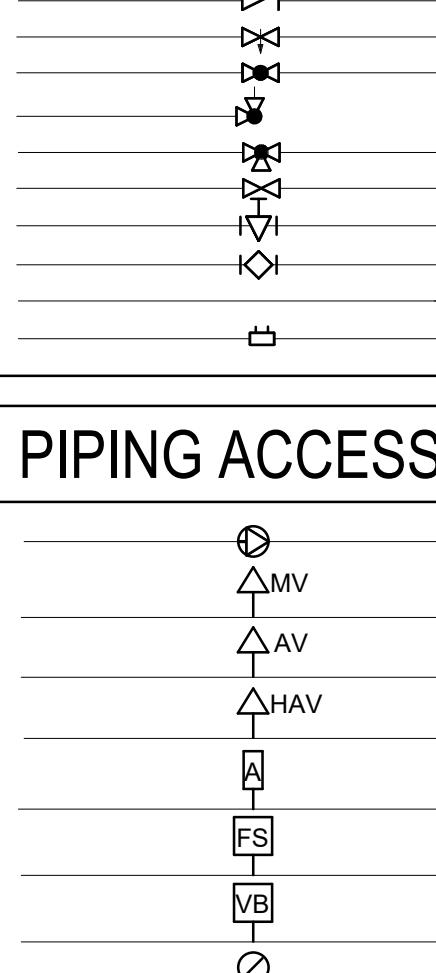
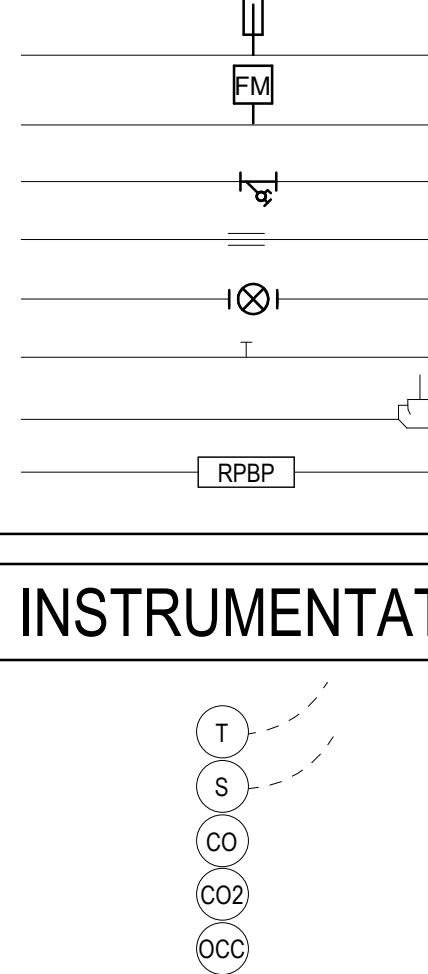
DOOR ID	DIMENSIONS			CONFIGURATION		DETAILS			HARDWARE DESCRIPTION	
	WIDTH	HEIGHT	FRAME	PANEL	MATERIAL	HEAD	JAMB	CARD READER	LOCK	
100	PER DWG	PER DWG	N/A	D14	41	H6a			- PASSAGE DOOR - OVERHEAD/UNDERHEAD AUTO OPERATOR - OFFSET HINGE - LADDER PULLS - PUSH/PULL INDICATORS	
102				D33		SEE DTL	SEE DTL		BOD: STRIKE: FHC - 1800 SERIES DOUBLE DOOR ELECTRONIC LOCKS RAIL: FMC - HERC DOOR RAILS CLOSER: FMC - OVERHEAD CONCEALED DOOR CLOSER - HEAVY DUTY F900 SERIES (TO BE SIZED AS REQUIRED) - NO HOLD OPEN PULL: FHC - BACK-TO-BACK LADDER PULLS (BRUSHED STAINLESS)	
103	36"	96"	F05	D01a	03	H5a	J5a	Y	- PASSAGE DOOR BOD: MFR: MFR: NANAWALL SERIES: ZERO II - SILL FLUSH W/TZ-1 INSERTS FINISH BLACK FRAME BOD: EZ-YJAMB TRIMLESS DOOR FRAME	

SHEET NO.

A641

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The original drawing is the definitive document. Any changes must be made by the original author. This drawing is the copyright of the original author. It is illegal to copy or reproduce this drawing without the express written permission of the original author.

ABBREVIATIONS			
GENERAL		HVAC CONT.	
AD	ACCESS DOOR	ECG	EGGCRATE GRILLE
AFF	ABOVE FINISHED FLOOR	EF	EXHAUST FAN
AFG	ABOVE FINISHED GRADE		
BHP	BRAKE HORSEPOWER	FCU	FAN COIL UNIT
BOP	BOTTOM OF PIPE	FD	FIRE DAMPER
BOT	BOTTOM	FE	EXHAUST AIR - FUME
C/L	CENTER LINE	FM	FREQUENCY MODULATION
CLG	CEILING	FP	FIRE PROTECTION; FAN POWERED
CFM	CUBIC FEET PER MINUTE	FSD	COMBINATION FIRE/SMOKE DAMPER
CO	CARBON MONOXIDE	FTU	FAN TERMINAL UNIT
CO2	CARBON DIOXIDE	GD	EXHAUST AIR - GREASE
CSR	CURRENT SENSING RELAY	GRD	GRILLE, REGISTER, DIFFUSER
DISCH	DISCHARGE	GX	EXHAUST AIR - GARAGE
DN	DOWN	HC	HEATING COIL
DS	DISCONNECT SWITCH; DOOR SWITCH	HVAC	HEATING, VENTILATION AND AIR CONDITIONING
(E)	EXISTING	LAT	LEAVING AIR TEMPERATURE
EA	EACH	LD	LINEAR DIFFUSER
EC	ELECTRICAL CONTRACTOR; END CAP	LPS	SUPPLY AIR - LOW PRESSURE
EP	ELECTRICAL PANEL; END PLUG	MA	MIXED AIR
EPO	EMERGENCY POWER OFF	MOD	MOTOR OPERATED DAMPER; MODULATING
ESP	EXTERNAL STATIC PRESSURE	MAU	MAKE-UP AIR UNIT
(F)	FUTURE	MPS	SUPPLY AIR - MEDIUM PRESSURE
FA	FIRE ALARM	MUA	SUPPLY AIR - MAKE-UP AIR
FD	FIRE DEPARTMENT CONNECTION	OA	OUTSIDE AIR
FDN	FOUNDATION	OBD	OPPOSED BLADE DAMPER
FLEX	FLEXIBLE		
FLR	FLOOR	PA	SUPPLY AIR - PRESSURIZATION
FP	FIRE PROTECTION		
FTG	FOOTING	RA	RETURN AIR
GA	GAGE	RAT	RETURN AIR TEMPERATURE
GALV	GALVANIZED	RTU	ROOF TOP UNIT
GC	GENERAL CONTRACTOR	SAT	SUPPLY AIR TEMPERATURE
HP	HORSEPOWER; HIGH PRESSURE	SD	SMOKE DAMPER; SMOKE DETECTOR
HTG	HEATING	SE	EXHAUST AIR - SMOKE
HTR	HEATER	SF	SUPPLY FAN
IAW	IN ACCORDANCE WITH	SL	SOUND LINED
ID	INSIDE DIAMETER/DIMENSION	SLSM	SOUND LINED SHEET METAL
IN WC	INCHES WATER COLUMN	SM	SHEET METAL
		SO	SCREENED OPENING
		SP	STATIC PRESSURE
MC	MECHANICAL CONTRACTOR	TA	TRANSFER AIR
MFR	MANUFACTURER	TG	TRANSFER GRILLE
MH	MANHOLE	TOD	TOP OF DUCT
MTD	MOUNTED	VAV	VARIABLE AIR VOLUME
N/A	NOT APPLICABLE	VD	VOLUME DAMPER
NC	NORMALLY CLOSED		
NIC	NOT IN CONTRACT	PIPING	
NO	NORMALLY OPEN; NUMBER	BD	STEAM BLOWDOWN
NOM	NOMINAL	BP	BACKFLOW PREVENTER
NTS	NOT TO SCALE	CA	COMPRESSED AIR
OC	ON CENTER	CHWR	CHILLED WATER RETURN
OD	OUTSIDE DIAMETER	CHWS	CHILLED WATER SUPPLY
OVHD	OVERHEAD	CLPS	CLEAN LOW PRESSURE STEAM
PERF	PERFORATED	CNDS	CONDENSATE
POC	POINT OF CONNECTION	CWR	CONDENSER WATER RETURN
		CWS	CONDENSER WATER SUPPLY
QTY	QUANTITY	DRAIN	TANK OVERFLOW & DRAINS
(R)	RELOCATED	DTR	DUAL TEMPERATURE RETURN
		DTS	DUAL TEMPERATURE SUPPLY
RCP	REFLECTED CEILING PLAN	EWT	ENTERING WATER TEMPERATURE
REQD	REQUIRED		
SECT	SECTION	FCD	FLUE CONDENSATE DRAIN
SIM	SIMILAR	FEED	BOILER FEED WATER
SPEC	SPECIFICATION	FOF	FUEL OIL FILL
STD	STANDARD	FOR	FUEL OIL RETURN
		FOS	FUEL OIL SUPPLY
		FOV	FUEL OIL VENT
TBD	TO BE DETERMINED		
TI	TENANT IMPROVEMENTS	G	NATURAL GAS
TOC	TOP OF CONCRETE	2# G	NATURAL GAS - LOW PRESSURE, 2 PSI
TOS	TOP OF STEEL	5# G	NATURAL GAS - LOW PRESSURE, 5 PSI
TSP	TOTAL STATIC PRESSURE		
TYP	TYPICAL	GE	GENERATOR EXHAUST
		GFWR	GEO - FIELD WATER RETURN
UG	UNDERGROUND	GFWS	GEO - FIELD WATER SUPPLY
UNO	UNLESS NOTED OTHERWISE	GWR	GROUND WATER RETURN
		GWS	GROUND WATER SUPPLY
VFD	VARIABLE FREQUENCY DRIVE		
VSD	VARIABLE SPEED DRIVE	HPC	HIGH PRESSURE CONDENSATE
		HPS	HIGH PRESSURE STEAM
W/	WITH	HWR	HEATING WATER RETURN
W/O	WITHOUT	HWS	HEATING WATER SUPPLY
WC	WATER COLUMN	LPC	LOW PRESSURE CONDENSATE
WG	WATER GAUGE	LPG	LIQUEFIED PROPANE GAS
		LPS	LOW PRESSURE STEAM
HVAC		LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	MPC	MEDIUM PRESSURE CONDENSATE
AHU	AIR HANDLING UNIT	MPS	MEDIUM PRESSURE STEAM
BDD	BACKDRAFT DAMPER	PCW	PROCESS COLD WATER
BOD	BOTTOM OF DUCT	PCWR	PROCESS COOLING WATER RETURN
CC	COOLING COIL	PCWS	PROCESS COOLING WATER SUPPLY
CRU	COMPUTER ROOM UNIT	PHW	PROCESS HOT WATER
CT	COOLING TOWER	PHWR	PROCESS HOT WATER RETURN
CV	CONSTANT VOLUME		
DB	DUCT BOARD	RL	REFRIGERATION LIQUID
DIFF	DIFFUSER	RS	REFRIGERATION SUCTION
DMPR	DAMPER	RV	REFRIGERATION VENT
DOA	SUPPLY AIR - DOAS		
DOAS	DEDICATED OUTSIDE AIR SYSTEM	SCW	SOFTENED COLD WATER
		SRV	STEAM RELIEF VENT
EA	EXHAUST AIR - GENERAL		
EA2	EXHAUST AIR - TYPE 2	TOP	TOP OF PIPE
EAT	ENTERING AIR TEMPERATURE		

PIPING IDENTIFICATION	
HVAC	RETURN PIPING SUPPLY PIPING
PIPING FITTINGS	
	TEE UP TEE DOWN TEE DN W/ ELBOW TEE UP W/ ELBOW 90° ELBOW UP 90° ELBOW DN CAP UNION FLANGE FLEX HOSE CONNECTION DOUBLE BELLOWS FLEX CONNECTION SINGLE BELLOWS FLEX CONNECTION FLOW ARROW REDUCER SLOPE SYMBOL BREAK OR CONTINUATION SYMBOL DOWN SPOUT NOZZLE CLEANOUT
VALVES	
	MOTORIZED 2-WAY VALVE MOTORIZED 3-WAY VALVE PRESSURE REDUCING VALVE CONTROL VALVE RELIEF VALVE BALL VALVE 3-WAY GATE VALVE BUTTERFLY VALVE DIAPHRAGM VALVE CHECK VALVE NEEDLE VALVE GLOBE VALVE GLOBE VALVE ANGLE GLOBE VALVE 3-WAY GATE VALVE PLUG VALVE BALANCING VALVE HOSE BIBB AUTO FLOW VALVE
PIPING ACCESSORIES	
	PUMP MANUAL AIR VENT AUTOMATIC AIR VENT HIGH CAPACITY AIR VENT SHOCK ARRESTOR FLOW SWITCH VACUUM BREAKER PRESSURE GAUGE TEMPERATURE SENSOR TEMPERATURE INDICATOR FLOW METER Y STRAINER W/ BALL VALVE PIPE SLEEVE STEAM TRAP PETES PLUG SUCTION DIFFUSER W/ STRAINER REDUCED PRESSURE BACKFLOW PREVENTOR
INSTRUMENTATION AND CONTROL	
	THERMOSTAT SENSOR CARBON MONOXIDE SENSOR CARBON DIOXIDE SENSOR OCCUPANCY SENSOR SMOKE DETECTOR

DUCTWORK ACCESSORIES PROJECT SPECIFIC	
	SUPPLY GRILLE
	RETURN OR EXHAUST GRILLE
	VOLUME DAMPER
	MOTOR OPERATED DAMPER
	AIRFLOW MONITOR
	REMOTELY OPERATED VOLUME DAMPER (YOUNG REGULATOR OR APPROVED)
	BACK DRAFT DAMPER COORDINATE WITH CEILING APPURTENANCES.
	FLEX CONNECTION
	FIRE DAMPER THROUGH WALL
	FIRE DAMPER THROUGH FLOOR
	FIRE/SMOKE DAMPER THROUGH WALL
	FIRE/SMOKE DAMPER THROUGH FLOOR
	ACCESS DOORS
	ACOUSTICALLY LINED DUCT (X" THICK SOUND LINING)
	CHANGE OF ELEVATION RISE(R) DROP(D)
	TURNING VANES
	RETURN / EXHAUST / OUTSIDE AIR
	SUPPLY / TRANSFER AIR
DUCTWORK	
	SUPPLY AIR DUCT TURNING UP OR TOWARD
	SUPPLY AIR DUCT TURNING DOWN OR AWAY
	RETURN AIR DUCT TURNING UP OR TOWARD
	RETURN AIR DUCT TURNING DOWN OR AWAY
	EXHAUST AIR DUCT TURNING UP OR TOWARD
	EXHAUST AIR DUCT TURNING DOWN OR AWAY
	SUPPLY AIR DUCT TURNING UP OR TOWARD
	SUPPLY AIR DUCT TURNING DOWN OR AWAY
	RETURN AIR DUCT TURNING UP OR TOWARD
	RETURN AIR DUCT TURNING DOWN OR AWAY
	EXHAUST AIR DUCT TURNING UP OR TOWARD
	EXHAUST AIR DUCT TURNING DOWN OR AWAY
	SUPPLY AIR DUCT TURNING UP OR TOWARD
	SUPPLY AIR DUCT TURNING DOWN OR AWAY
	FLEXIBLE DUCT

GRILLE/REGISTER/DIFFUSER PROJECT SPECIFIC	
	CEILING SUPPLY AIR DIFFUSER
	CEILING RETURN GRILLE OR TRANSFER AIR GRILLE
	CEILING EXHAUST GRILLE
	LINEAR DIFFUSER (CEILING)
	LINEAR DIFFUSER (WALL)
	LOUVER PLAN VIEW
	LOUVER (ELEVATION VIEW)
HVAC - ANNOTATION	
<u>EQUIPMENT / LOUVER TAG</u>	
	EQUIPMENT DESIGNATION CONSECUTIVE EQUIPMENT # FLOOR OF EQUIP. LOCATION
<u>GRILLE, REGISTER, OR DIFFUSER TAG</u>	
	TYPE CODE WIDTH HEIGHT x CFM CFM
<u>LINEAR SLOT DIFFUSER TAG</u>	
	TYPE CODE SLOT LENGTH QUANTITY OF SLOTS SLOT WIDTH LSD-LxQxW x CFM CFM

MECHANICAL INDEX	
SET NO	SHEET NAME
001	MECHANICAL LEGEND, ABBREVIATIONS, AND SHEET INDEX
002	MECHANICAL GENERAL NOTES
003	SPECIFICATIONS
020	CONTROLS
060	SCHEDULES
100	LEVEL 01 MECHANICAL FLOOR PLAN
500	DETAILS

PERMIT SET
3/12/2025

REGISTRATION:



GND BY: I. WILBER
VN BY: C. BRADY
KED BY: J. YIRAK
IO: 209628
ED ON: 3/12/2025

MECHANICAL LEGEND ABBREVIATIONS, AND SHEET INDEX

SHEET TITLE:
**MECHANICAL LEGEND
ABBREVIATIONS, AND
SHEET INDEX**

<u>GENERAL NOTES</u>	<u>DEMOLITION NOTES:</u>	<u>SEATTLE ENERGY CODE NOTES</u>
<p>1. THE CONTRACTOR IS RESPONSIBLE TO VISIT THE SITE AND DETERMINE THE EXACT EXTENT OF WORK, COORDINATION, DEMOLITION, TEMPORARY CONSTRUCTION, TEMPORARY FACILITIES, ETC., NECESSARY TO COMPLETE THE PROJECT AS INDICATED IN THE CONTRACT DOCUMENTS.</p> <p>2. INTERRUPTIONS OF SERVICES (POWER, WATER, HVAC, ETC.) AND WORK IN OCCUPIED TENANT SPACES MUST BE SCHEDULED THROUGH THE BUILDING MANAGER A MINIMUM OF 24 HOURS IN ADVANCE. ANY INTERRUPTIONS OR CONSTRUCTION WHICH WILL AFFECT NORMAL OPERATION OF THE BUILDING OR TENANTS MUST BE SCHEDULED, WITH THE BUILDING MANAGER'S APPROVAL, ON AN AFTER-HOURS BASIS.</p> <p>3. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR TEMPORARY COOLING DURING CONSTRUCTION. PERMANENT MECHANICAL EQUIPMENT SHALL NOT BE USED FOR TEMPORARY COOLING WITHOUT PROTECTION FROM DUST ACCUMULATION, WRITTEN ACCEPTANCE OF DUST RELATED WARRANTY COSTS, AND PRIOR APPROVAL BY THE MECHANICAL ENGINEER.</p> <p>4. FURNISH LABOR, MATERIALS, EQUIPMENT, APPARATUS, AND APPURTENANCES REQUIRED FOR A COMPLETE WORKING AND COORDINATED SYSTEM. MATERIALS, EQUIPMENT, APPARATUS, AND APPURTENANCES SHALL MATCH EXISTING BUILDING STANDARDS IN QUALITY, TYPE AND FINISH, UNLESS OTHERWISE NOTED.</p> <p>5. VERIFY PHYSICAL DIMENSIONS OF EQUIPMENT. COORDINATE THE EXACT LOCATIONS OF NEW MECHANICAL AND PLUMBING EQUIPMENT WITH THE LOCATIONS OF LIGHTING FIXTURES, PIPING, AND OTHER CONSTRUCTION, TO ALLOW FOR PROPER ACCESS TO SERVICE AND MAINTAIN EQUIPMENT PRIOR TO START OF CONSTRUCTION.</p> <p>6. COORDINATE THE LOCATION OF DUCTWORK AND PIPING WITH OTHER TRADES. PROVIDE OFFSETS IN DUCTWORK AND PIPING AS REQUIRED AT NO ADDITIONAL COST TO OWNER.</p> <p>7. TRADES TO LEAVE 36" CLEARANCE IN FRONT OF MECHANICAL EQUIPMENT ACCESS PANELS FOR SERVICING.</p> <p>8. INSTALL DUCTWORK AND PIPING TO ALLOW MINIMUM ACCESS OF 6" ABOVE AND TO THE SIDE OF THE ELECTRICAL CABLE TRAYS.</p> <p>9. SUPPORT CONDUIT, PIPING, AND DUCTWORK INDEPENDENTLY. SUPPORTS ARE INDEPENDENT OF PARTITION AND CEILING SYSTEM SUPPORTS.</p> <p>10. IN NO INSTANCE SHALL OTHER TRADES HANG OR SUPPORT EQUIPMENT, CEILING WIRES, LIGHT FIXTURE HANGERS, ETC., FROM HVAC EQUIPMENT, DUCTWORK, OR PIPING.</p> <p>11. CUTTING, FRAMING, PATCHING, AND PAINTING OF WALL, CEILING, AND FLOOR OPENINGS SHALL BE BY MCKINSTRY. THIS INCLUDES OPENINGS THROUGH AREA SEPARATION WALLS</p> <p>12. OBTAIN APPROVAL OF STRUCTURAL ENGINEER PRIOR TO INSTALLATION OF PENETRATIONS NOT PREVIOUSLY COORDINATED OR AGREED UPON, I.E. ANCHOR BOLT DEPTHS, ETC.</p> <p>13. REFER TO STRUCTURAL DRAWINGS FOR EQUIPMENT SUPPORTS. REFER TO THE SPECIFICATIONS MATRIX FOR ADDITIONAL SEISMIC INFORMATION.</p> <p>14. UNIT WEIGHTS AND LOCATIONS HAVE BEEN COORDINATED TO DETERMINE BUILDING STRUCTURAL ADEQUACY. IF IT IS NECESSARY TO RELOCATE A UNIT, NOTIFY MCKINSTRY ENGINEERING DEPARTMENT FOR RE-COORDINATION.</p> <p>15. PROVIDE SEISMIC RESTRAINTS AND ANCHORAGE PER SMACNA AND THE INTERNATIONAL BUILDING CODE FOR DUCTWORK, PIPING, AND EQUIPMENT.</p> <p>16. VERIFY THAT ALL NECESSARY INFORMATION HAS BEEN PROVIDED PRIOR TO CONNECTION OF EQUIPMENT FURNISHED BY THE OWNER OR OTHERS.</p> <p>17. PROVIDE ACCESS DOORS IN WALLS AND CEILINGS WHERE ACCESS IS REQUIRED TO CONCEALED MECHANICAL OR PLUMBING EQUIPMENT, VALVES, CONTROLS, AND OTHER DEVICES.</p> <p>18. PROVIDE PIPE, EQUIPMENT, AND VALVE LABELING FOR IDENTIFICATION. MATCH OWNERS EXISTING LABELING SCHEME IF APPLICABLE.</p> <p>19. LIGHT FIXTURE CLEARANCE: COORDINATE LOCATIONS OF MECHANICAL WORK TO PROVIDE CLEARANCES OVER LIGHTING FIXTURES FOR REMOVAL AND REPLACEMENT.</p> <p>20. PROVIDE MODIFICATIONS TO THE EXISTING SPRINKLER SYSTEM FOR ALL REMODEL AREAS AS NEEDED.</p> <p>21. PROVIDE FIRE SAFE PENETRATIONS OF FIRE RATED CONSTRUCTION.</p>	<p>1. DEMOLITION DRAWINGS ARE INCLUDED TO GIVE A COMMON BASIS FOR BIDDING AND MAY NOT SHOW EVERY ITEM TO BE DEMOLISHED. VISIT SITE TO DETERMINE AND COORDINATE THE EXACT EXTENT OF DEMOLITION TO FACEPLATE WORK INDICATED BY THE CONTRACT DOCUMENTS. REWORK EXISTING TERMINATIONS, CONNECTIONS, ETC., TO ACCEPT NEW WORK. PRIOR TO START OF ANY DEMO WORK, VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES FOR RESOLUTION.</p> <p>2. REMOVE EXISTING HVAC EQUIPMENT AS INDICATED, INCLUDING ASSOCIATED PIPING, CONTROL SYSTEMS, AND APPURTENANCES.</p> <p>3. REMOVE EXISTING DUCTWORK AS INDICATED. CAP EXISTING OPENINGS NOT BEING REUSED.</p> <p>4. REMOVE EXISTING PIPING SERVING ITEMS TO BE REMOVED. CAP OR PLUG BRANCH LINES NOT BEING REUSED.</p> <p>5. GIVE OWNER THE OPPORTUNITY TO RETAIN ANY REMOVED ITEMS THAT ARE NOT BEING REUSED. DISPOSE OF OTHER ITEMS LEGALLY.</p> <p>6. CLEAN AND REFURBISH ITEMS INDICATED TO BE REMOVED AND REUSED PRIOR TO REUSE.</p>	<p>1. PROVIDE TO THE BUILDING OWNER ALL NECESSARY DOCUMENTATION IN ACCORDANCE WITH 2021 SEATTLE ENERGY CODE SECTION C103.6.</p> <p>A. PROVIDE RECORD DRAWINGS IN ACCORDANCE WITH SECTION C103.6.1.</p> <p>B. PROVIDE OPERATIONS AND MAINTENANCE INFORMATION, INCLUDING MANUALS, HVAC CONTROL SYSTEM MAINTENANCE AND CALIBRATION INFORMATION, AND HVAC CONTROL SEQUENCE OF OPERATION IN ACCORDANCE WITH SECTION C103.6.2.</p> <p>C. PROVIDE COMMISSIONING REPORT AND CODE COMPLIANCE DOCUMENTATION IN ACCORDANCE WITH SECTION C103.6.3.</p> <p>D. PROVIDE OWNER TRAINING FOR NECESSARY SYSTEMS PER SECTION C103.6.4.</p> <p>2. HVAC EQUIPMENT SHALL NOT BE SIZED LARGER THAN THE NEXT LARGEST SIZE EXCEEDING THE LOAD CALCULATION PER 2021 SEATTLE ENERGY CODE SECTION C403.3.1.</p> <p>3. SYSTEMS SHALL BE INSULATED AS PRESCRIBED IN 2021 SEATTLE ENERGY CODE SECTIONS C403.10.1., C403.10.3, AND TABLE C403.10.3. FOR ADDITIONAL DETAILS, SEE DUCTWORK AND PIPING SPECIFICATION MATRICES CONTAINED WITHIN THIS DRAWING SET.</p> <p>4. PERFORMANCE OF ALL NEW BUILDING MECHANICAL SYSTEMS SHALL COMPLY WITH OR EXCEED THE MINIMUM REQUIREMENTS ARE SET FORTH IN THE 2021 SUPPLEMENT TO THE 2021 WASHINGTON STATE ENERGY CODE SECTION C403.</p> <p>5. MINIMUM VENTILATION QUANTITIES SHALL COMPLY WITH OR EXCEED THE 2021 SEATTLE MECHANICAL CODE BUT SHALL NOT EXCEED 150% CALCULATED VALUE PER 2021 SEATTLE ENERGY CODE SECTIONS C403.2.2.1 AND C403.8.4.</p> <p>6. ALL MOTORS WILL COMPLY WITH THE 2021 SEATTLE ENERGY CODE SECTION C405.8. FOR ADDITIONAL DETAILS, SEE EQUIPMENT SCHEDULES CONTAINED WITHIN THIS DRAWING SET.</p> <p>7. COMPLETION AND COMMISSIONING FOR MECHANICAL SYSTEMS:</p> <p>A. DEVELOP COMMISSIONING PLAN PREPARED BY A CERTIFIED COMMISSIONING PROFESSIONAL PER 2021 SEATTLE ENERGY CODE SECTION C408.1.2. INCLUDE NARRATIVE OF ACTIVITIES, ROLES, RESPONSIBILITIES AND QUALIFICATIONS OF THE CX TEAM, LIST OF ITEMS TO BE TESTED AND CONFLICT OF INTEREST PLAN IF APPLICABLE.</p> <p>B. MECHANICAL SYSTEMS, EQUIPMENT AND CONTROLS SHALL BE COMMISSIONED ACCORDING TO 2021 SEATTLE ENERGY CODE SECTION C408.2.</p> <p>C. BALANCE ALL HVAC SYSTEMS IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING STANDARDS AND TO WITHIN TOLERANCES SPECIFIED IN PROJECT SPECIFICATIONS PER 2021 SEATTLE ENERGY CODE SECTION C408.2.2. FIRST BALANCE TO MINIMIZE THROTTLING LOSSES AND THEN TO MEET DESIGN FLOW CONDITIONS PER 2021 SEATTLE ENERGY CODE SECTIONS C408.2.2.1 AND C408.2.2.2. PROVIDE TO THE BUILDING OWNER A WRITTEN BALANCING REPORT.</p> <p>D. TEST MECHANICAL SYSTEMS, EQUIPMENT, AND CONTROLS IN ACCORDANCE WITH ALL SYSTEMS TESTING REQUIREMENTS SPECIFIED IN 2021 SEATTLE ENERGY CODE SECTION C.408.</p> <p>E. PROVIDE TO THE BUILDING OWNER ALL NECESSARY DOCUMENTATION PER 2021 SEATTLE ENERGY CODE SECTION C408.1.3.</p> <p>F. PROVIDE TO THE BUILDING OWNER AND AHJ SUMMARY OF REPORT OR COMPLIANCE CHECKLIST PER 2021 SEATTLE ENERGY CODE SECTION C408.1.4 PRIOR TO FINAL MECHANICAL INSPECTION OR OBTAINING CERTIFICATE OF OCCUPANCY.</p>

ISSUE:

PERMIT SET
3/12/2025

REGISTRATION:



DESIGNED BY: I. WILBER
DRAWN BY: C. BRADY
CHECKED BY: J. YIRAK
JOB NO: 209628
ISSUED ON: 3/12/2025

SHEET TITLE:
**MECHANICAL
GENERAL NOTES**

SHEET TITLE:
**MECHANICAL
GENERAL NOTES**

SHEET TITLE:
**MECHANICAL
GENERAL NOTES**

M-002

HVAC DUCT SPECIFICATION - WASHINGTON

NOTES:
 1. ALL DUCTWORK TO BE FABRICATED IN ACCORDANCE WITH MCKINSTRY DUCT CONSTRUCTION STANDARDS / SUBMITTALS WHICH MEET OR EXCEED SMACNA GUIDELINES.
 2. ALL DIMENSIONS SHOWN ON PLANS ARE INSIDE CLEAR DIMENSIONS.
 3. THE MECHANICAL ENGINEER RESERVES THE RIGHT TO AUTHORIZE DEVIATIONS TO THESE STANDARDS TO ACCOMMODATE UNIQUE SITUATIONS AS APPLICABLE.
 4. USE DOUBLE WIDTH VANES UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 5. USE OF DUCTWORK FOR TEMPORARY HEATING / CONDITIONING DURING CONSTRUCTION NOT ALLOWED WITHOUT SPECIAL APPROVAL BY THE ENGINEER.

DUCT SYSTEM	PRESSURE CLASS	DUCT MATERIALS	FITTINGS	FLEX CONNECTION/FLEX DUCT	SEAL CLASS	CLEANLINESS DURING CONSTRUCTION	INSULATION (INDOOR, OUTDOOR)	LINING MATERIALS	SEISMIC CRITERIA	SEISMIC IMPORTANCE FACTOR IP	NOTES
HVAC SUPPLY LOW PRESSURE FAN COIL UNITS TO DIFFUSERS	SMACNA +1/2" OR +1" PRESSURE NOTE: MCKINSTRY BUILDS ALL LOW PRESSURE DUCTWORK IN ACCORDANCE WITH +1" SMACNA GUIDELINES TO MAXIMIZE PRODUCTION EFFICIENCY NO PRESSURE TEST REQUIRED PER 2021 WSEC C403.10.2	GALVANIZED DUCT; GAUGE AND REINFORCEMENT SHALL BE SMACNA OR BETTER RECTANGULAR MAY BE S-DRIVE ROUND MAY BE SNAPLOCK.	ELBOWS: PURCHASED ADJUSTABLE ELBOWS IN ACCORDANCE WITH SMACNA +1" STANDARDS CL RADIUS OF 1.0 DIA ON DUCTS LARGER THAN 24" ATTO BRANCHES OK	12'FOOT MAX LENGTH WITH NO OFFSETS; USE JPL OR EQUAL	SMACNA SEAL CLASS C, PER 2021 WSEC C403.10.2.1	FOLLOW BASIC "LEVEL A" SMACNA	CLIMATE ZONE 4C: WITHIN CONDITIONED SPACE WHERE THE SUPPLY DUCT CONVEYS AIR THAT IS LESS THAN 55°F OR GREATER THAN 100°F; R-3.3 WITHIN CONDITIONED SPACE WHERE THE SUPPLY DUCT CONVEYS AIR THAT IS 55°F OR GREATER AND 105°F OR LESS; NONE	LINING WHERE INDICATED ON THE PLANS	SEISMIC SUPPORT PER APPLICABLE CODE / LOCAL JURISDICTION. SEE MECHANICAL SEISMIC SHEET WHEN APPLICABLE.	IP = 1.0	1,2,3,4,5
HVAC RETURN LOW PRESSURE	SMACNA -1/2" OR -1" PRESSURE NOTE: MCKINSTRY BUILDS ALL LOW PRESSURE DUCTWORK IN ACCORDANCE WITH +1" SMACNA GUIDELINES TO MAXIMIZE PRODUCTION EFFICIENCY NO PRESSURE TEST REQUIRED PER 2021 WSEC C403.10.2	GALVANIZED DUCT; GAUGE AND REINFORCEMENT SHALL BE SMACNA OR BETTER RECTANGULAR TO HAVE S&D CONNECTIONS, ROUND MAY BE SPIRAL SNAP LOCK PIPE STANDARD	ELBOWS: CENTERLINE RADIUS OF 1.5 DIA OR MITERED 90S WITH VANES OR PURCHASED ADJUSTABLE ELBOWS IN ACCORDANCE WITH SMACNA +1" CL RADIUS OF 1.0 DIA ON DUCTS LARGER THAN 24" DIA TAPS: CONICAL OR BOOT-STYLE ATTO BRANCHES OK	3'FOOT MAX LENGTH WITH NO OFFSETS; USE JPL OR EQUAL; FLEX AT EQUIP CONNECTIONS TO COMPLY WITH SMACNA APPLICABLE PRESSURE CLASS	SMACNA SEAL CLASS C, PER 2021 WSEC C403.10.2.1	FOLLOW BASIC "LEVEL A" SMACNA	CLIMATE ZONE 4C: CONDITIONED SPACE AND DOWNSTREAM OF AN AUTOMATIC SHUTOFF DAMPER; R-16 UNCONDITIONED SPACE WHERE THE DUCT CONVEYS AIR THAT IS WITHIN 15° OF THE AIR TEMPERATURE OF THE SURROUNDING UNCONDITIONED SPACE; R-3.3	* LINING ONLY WHERE INDICATED ON PLANS R-4.4 PER INCH	SEISMIC SUPPORT PER APPLICABLE CODE / LOCAL JURISDICTION. SEE MECHANICAL SEISMIC SHEET WHEN APPLICABLE.	IP = 1.0	1,2,3,4,5
HVAC OA INTAKE LOUVER CAN / PLENUMS UPSTREAM OF MOTORIZED DAMPER	SMACNA ±2" NO PRESSURE TEST REQUIRED PER 2021 WSEC C403.10.2	GALVANIZED DUCT; GAUGE AND REINFORCEMENT SHALL BE SMACNA OR BETTER RECTANGULAR TO HAVE TDF CONNECTIONS ROUND MAY BE SNAPLOCK	ELBOWS: CENTERLINE RADIUS OF 1.5 DIA OR MITERED 90S WITH VANES OR PURCHASED ADJUSTABLE ELBOWS IN ACCORDANCE WITH SMACNA +1" CL RADIUS OF 1.0 DIA ON DUCTS LARGER THAN 24" DIA TAPS: CONICAL OR BOOT-STYLE	FLEX AT EQUIP CONNECTIONS TO COMPLY WITH SMACNA APPLICABLE PRESSURE CLASS	SMACNA SEAL CLASS C, PER 2021 WSEC C403.10.2.1	FOLLOW BASIC "LEVEL A" SMACNA	CLIMATE ZONE 4C: INSIDE CONDITIONED SPACE: R-7 (LESS THAN 2800 CFM)	LINING WHERE INDICATED ON THE PLANS R-4.4 PER INCH	SEISMIC SUPPORT PER APPLICABLE CODE / LOCAL JURISDICTION. SEE MECHANICAL SEISMIC SHEET WHEN APPLICABLE.	IP = 1.0	1,2,3,4,5

HVAC PIPING SPECIFICATION

ID	CATEGORY	SERVICE DESCRIPTION	MAXIMUM PRESSURE & TEMP	MANUFACTURER, PRODUCT OR EQUAL	PRESSURE TEST PROCEDURE			
					MEDIA	TEST...	DURATION	CODE
CHWS&R	CHILLED WATER PIPE IDENTIFICATION MARKER DESIGN OPERATING PRESS & TEMP	HVAC COOLING WATER WHITE LETTERING ON GREEN BACKGROUND - ANSI/ASME A 13.1 - 2007 UP TO 200 PSIG, 40 F TO 55 F	PRESURES NOTED FOR WATER/OIL/GAS (WOG)	HANPLY (HANSEN SUPPLY), MARKING SERVICES INC. MS-970 (INDOOR); MS-995 (OUTDOOR); DURALABEL				
	SIZES THRU 2"			SEE SUBMITTAL				
	PIPE MATERIAL	COPPER TUBE TYPE L, ASTM B88						
	JOINTS	PRESS-FIT MECHANICAL COMPRESSION, THREADED AT SPECIALTIES AS APPLICABLE	300 PSI @ 250 F (Vega)	VIEGA PROGRESS, EPDM SEAL (BLACK) TYCO-GRINNELL G-PRESS EPDM SEAL (BLACK); APOLLO PRESS-EPDM SEAL				
	JOINTS	SWT, THREADED AT SPECIALTIES AS APPLICABLE	-	-				
	FITTINGS	PRESS-FIT MECHANICAL COMPRESSION	300 PSI @ 250 F (Vega)	VIEGA PROGRESS, EPDM SEAL (BLACK) TYCO-GRINNELL G-PRESS EPDM SEAL (BLACK); APOLLO PRESS-EPDM SEAL				
	FITTINGS	WRIT COPPER/BRONZE SWT JOINT	-	-				
	FLANGES	PRESS-FIT MECHANICAL COMPRESSION	200 PSI @ 250 F (Vega)	VIEGA PROGRESS, EPDM SEAL (BLACK) TYCO-GRINNELL G-PRESS EPDM SEAL (BLACK); APOLLO PRESS-EPDM SEAL				
	FLANGES	SWT OR THREADED (WRIT OR CAST COPPER) CLASS 150	-	-				
	FLANGED GASKETS - RAISED FACED	SPRAL WOUND GASKET	TO 1200°F	GARLOCK STYLE BLUE-GARD 3000				
	FLANGED BOLTS (PLATED)	CARBON STEEL BOLTS AND STUDS - GRADE A - FOR FLANGED JOINTS IN PIPING SYSTEMS; NUTS: A536A HEX. WASHERS: F884 STANDARD FLAT	-	-				
	VALVES - ISOLATION	2-PC BAL - CAST BRONZE BODY OR BRASS - SWT - 600 PSI WOG	600 PSI @ 250 F	BRONZE - MILWAUKEE BA-400, APOLLO SERIES 77CA-100; BRASS - MILWAUKEE BA-475B				
	VALVES - ISOLATION	2-PC BAL - CAST BRONZE BODY - SWT - 600 PSI WOG	600 PSI @ 250 F	MILWAUKEE BA-450, APOLLO SERIES 77CA-200				
	VALVES - CHECK	HORIZONTAL CHECK VALVE - 2-PC BAL - CAST BRONZE BODY - SWT - 600 PSI WOG	300 PSI	MILWAUKEE BA-150-1, APOLLO 1641				
	VALVES - CHECK	GLOBE SILENT CHECK - BRONZE BODY - THREADED - CLASS 250	-	MILWAUKEE 549B				
	VALVES - DRAINING	3/4" 2-PC BAL - HOSE END WITH CAP & CHAIN - THANDLE - 600 PSI WOG/CWP - SWT	600 PSI @ 250 F	MILWAUKEE BA-109H/150H ; APOLLO 70-200-HC				
	VALVE STRAINERS	CAST BRONZE BODY - 20 MESH SS SCREEN - CLASS 125 - PTF - 600 PSI WOG	200 PSI @ 150°F WOG	KEELEY-F-150				
	VALVE STRAINERS	CAST BRONZE BODY - 20 MESH SS SCREEN - CLASS 125 - SWT	200 PSI @ 150°F WOG	KEELEY-F-150				
	VALVES - AUTO BALANCE, BALANCE 2" & BELOW	MANUAL BALANCE ZONE WITH TEST PORTS	-	GROSVENOR FLOW SET, TIA - VICTAULIC TA-SERIES 780/791 STAD; TYCO-GRINNELL CB800 SERIES...				
	VALVES - AUTO BALANCE, PRESSURE INDEPENDENT	PRESSURE INDEPENDENT AUTO FLOW CONTROL	-	GROSVENOR ISOLATOR, TIA - VICTAULIC SERIES 76, BELL & COSETTE CIRCUIT SENTRY (ALT WITH FLO-SETTER)				
	VALVES - BALANCE, DIFFERENTIAL PRESSURE CONTROLLERS (PART A)	PRESSURE INDEPENDENT DIFFERENTIAL PRESSURE CONTROLLER FOR HYDRONIC ZONES - STAP	-	TOUR ANDERSON - VICTAULIC SERIES 789 (THREADED, 784 (FLANGED))				
	VALVES - BALANCE, DIFFERENTIAL PRESSURE CONTROLLERS (PART B)	CIRCUIT BALANCING VALVE WITH TEST PORTS AND CAPILLARY TUBE - STAD	-	TOUR ANDERSON - VICTAULIC SERIES 787 (THREADED), 788 (FLANGED)				
	VALVES - BALANCE, DIFFERENTIAL PRESSURE CONTROLLERS (PART C)	CIRCUIT BALANCING VALVE TO MAINTAIN MINIMUM FLOW THROUGH STAP	-	TOUR ANDERSON - BPV, TACO 3196-1 (3/4")				
CND5	CONDENSATE DRAIN	CONDENSATE DRAIN FROM EQUIPMENT COIL DRAIN PANS						
	PIPE IDENTIFICATION MARKER	WHITE LETTERING ON GREEN BACKGROUND - ANSI/ASME A 13.1 - 2007		HANPLY (HANSEN SUPPLY), MARKING SERVICES INC. MS-970 (INDOOR); MS-995 (OUTDOOR); DURALABEL				
	DESIGN OPERATING PRESS & TEMP	ATMOSPHERIC						
	SIZES THRU 2"							
	PIPE MATERIAL	COPPER TUBE TYPE L, ASTM B88						
	JOINTS	SWT, THREADED AT SPECIALTIES AS APPLICABLE	-					
	JOINTS	PRESS-FIT MECHANICAL COMPRESSION, THREADED AT SPECIALTIES AS APPLICABLE	-					
	FITTINGS	PRESS-FIT MECHANICAL COMPRESSION	300 PSI @ 250°F (Vega)	VIEGA PROGRESS, EPDM SEAL (BLACK) TYCO-GRINNELL G-RESS EPDM SEAL (BLACK); APOLLO PRESS-EPDM SEAL				
	FITTINGS	WRIT COPPER/BRONZE SWT JOINT	-	-				
	COUPLINGS	PRESS-FIT MECHANICAL COMPRESSION	300 PSI @ 250°F (Vega)	VIEGA PROGRESS, EPDM SEAL (BLACK) TYCO-GRINNELL G-PRESS EPDM SEAL (BLACK); APOLLO PRESS-EPDM SEAL				
	COUPLINGS	WRIT COPPER/BRONZE SWT JOINT	-	-				
	DEFINITIONS							
	ABS	ACRYLONITRILE BUTADIENE STYRENE (PLASTIC PIPE)						
	ACR	AIR CONDITIONING & REFRIGERATION CLEAN & CAPPED						
	ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS						
	ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS						
	BTU	BTU - BRITISH THERMAL UNIT						
	CLPS	CLEAN LOW PRESSURE STEAM						
	ERW	ELECTRIC RESISTANCE WELD						
	F	FAHRENHEIT (TEMPERATURE)						
	FT HD	FEET OF HEAD (PRESSURE)						
	FPT	FEET OF PIPE THREAD						
	GR	GRADE						
	HG	INCHES MERCURY (PRESSURE)						
	IP	IMPORTANCE FACTOR - SEISMIC						
	IFGC	INTERNATIONAL FUEL GAS CODE						
	IMC	INTERNATIONAL MECHANICAL CODE						
	LB	POUND (PSI)						
	MED	MEDIUM						
	N/A	NOT APPLICABLE						
	NHCl	NO HUB CAST IRON						
	NPT	NATIONAL PIPE THREAD						
	PC	PIECE						
	PSI	POUNDS PER SQUARE INCH (PRESSURE)						
	PRV	PRESSURE RELIEF VALVE / PRESSURE REGULATING VALVE						
	PROJ	PROJECT						
	PVC	POLYVINYL CHLORIDE						
	PVDF	POLY(VINYLIDENE FLUORIDE) (PLASTIC PIPE)						
	SCH	SCHEDULE (PIPE WALL THICKNESS)						
	SCH EH	SCHEDULE EH EXTRA HEAVY						
	SDH STD	SCREW HEAD FORWARD						
	SS	STAINLESS STEEL						
	STD WT	STANDARD WEIGHT						
	SWT	SWEEP (SOLDERED JOINTS)						
	SWP	STEAM WORKING PRESSURE (PRESSURE CLASS)						
	UPC	UNIFORM PLUMBING CODE						
	WOG	WATER-OIL-GAS (PRESSURE CLASS)						
	WRGT	WRUGHT						
	WSEC	WASHINGTON STATE ENERGY CODE						

PIPE SUPPORT SPECIFICATION

STEEL PIPE		SMOOTH-WALL TUBING	
PIPE SIZE (IN)	SPACING OF SUPPORTS (FT)	PIPE SIZE (IN)	SPACING OF SUPPORTS (FT)

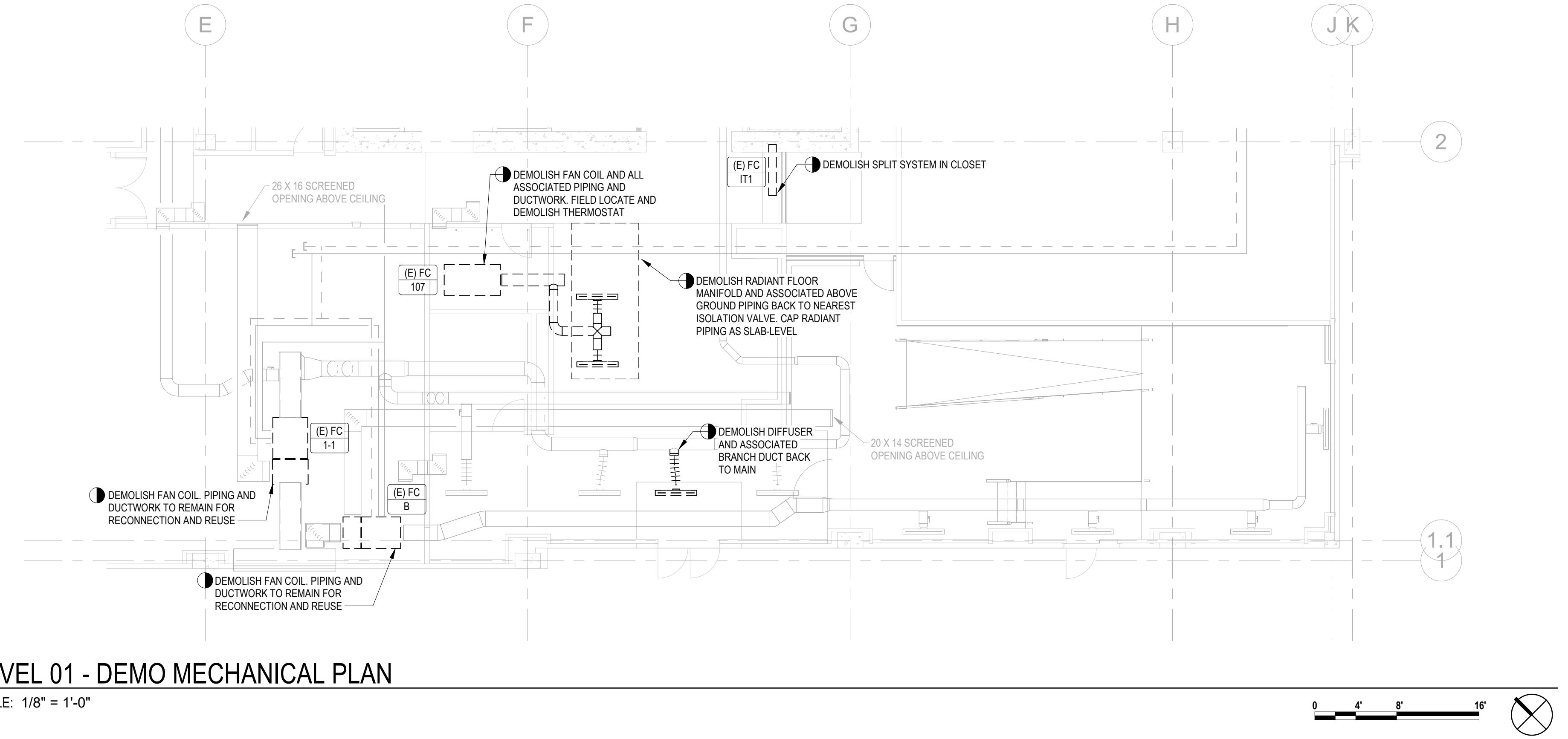
<tbl_r cells

KEY NOTES

- 1** FIELD VERIFY LOCATION OF AIR TRANSFER.
 - 2** CONFIRM EXISTING THERMOSTAT LOCATION.
DESIGN INTENT IS TO INSTALL NEW THERMOSTAT
IN SAME LOCATION AS EXISTING.
 - 3** COORDINATE FINAL THERMOSTAT LOCATION
WITH OWNER.

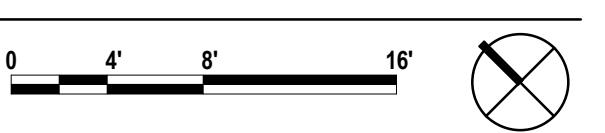
GENERAL NOTES

1. BACKGROUNDS REFERENCE CURRENT CONDITION. EQUIPMENT, DUCTWORK, AND PIPING SHOWN IN LIGHT LINETYPE ARE EXISTING TO REMAIN. EQUIPMENT, DUCTWORK, AND PIPING SHOWN IN BOLD LINE TYPE ARE NEW.
 2. ARRANGE EQUIPMENT SUCH THAT ACCESS CLEARANCES REQUIRED BY CODE, OR RECOMMENDED BY MANUFACTURER ARE PROVIDED.
 3. PROVIDE ACOUSTIC SEALANT / TREATMENT AT ALL LOCATIONS WHERE DUCT AND PIPING PENETRATES WALL.
 4. PROVIDE VOLUME DAMPERS AT ALL DIFFUSERS AND GRILLE LOCATIONS. OPPOSED BLADE DAMPERS ARE PROHIBITED. PLACE VOLUME DAMPER AS FAR AWAY AS POSSIBLE FROM DIFFUSER / GRILLE.



2 LEVEL 01 - DEMO MECHANICAL PLAN

SCALE: 1/8" = 1'-0"



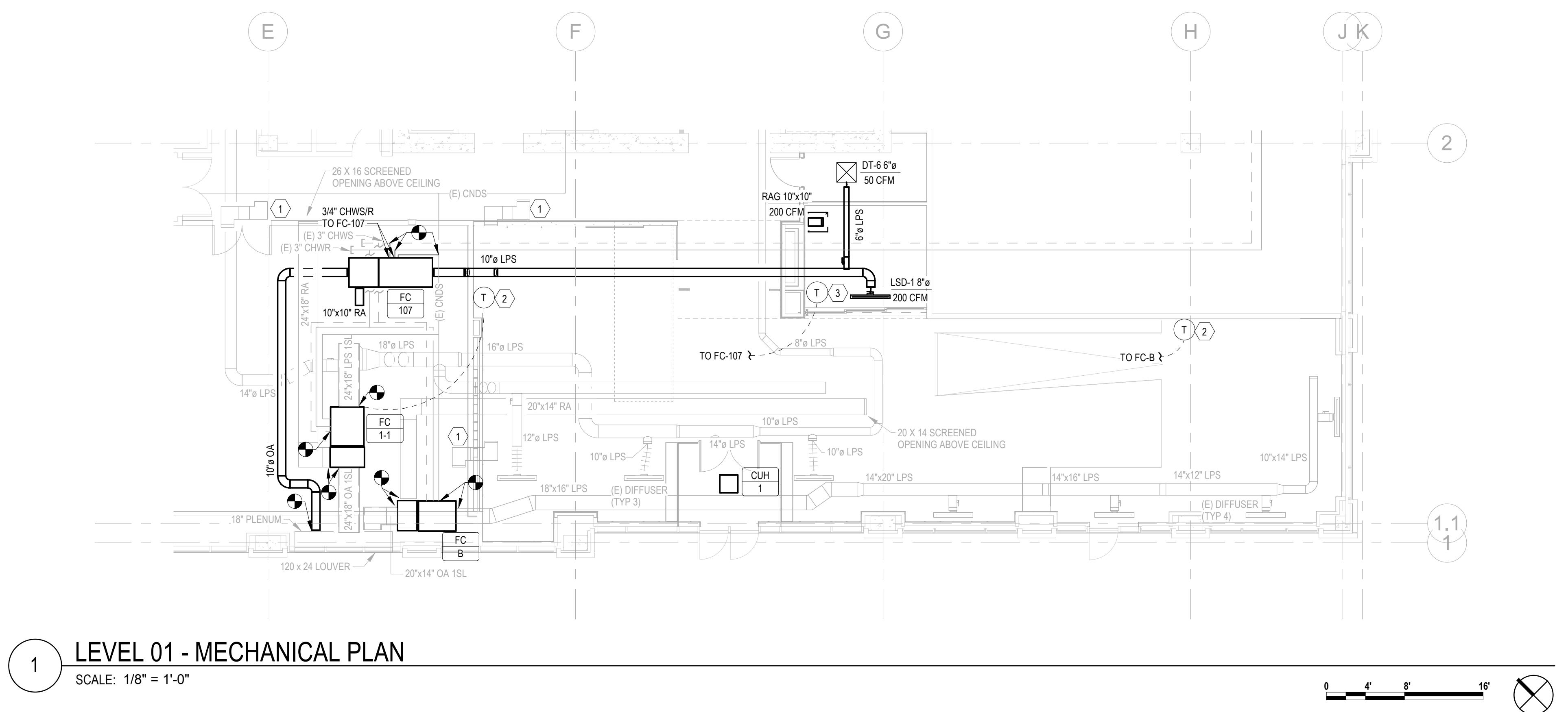
PERMIT SET

3/12/2025



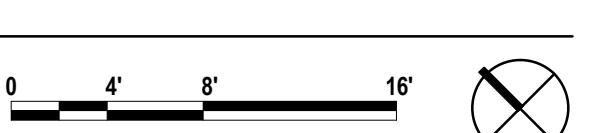
DESIGNED BY:	I. WILBER
DRAWN BY:	C. BRADY
CHECKED BY:	J. YIRAK
JOB NO:	209628
ISSUED ON:	3/12/2025

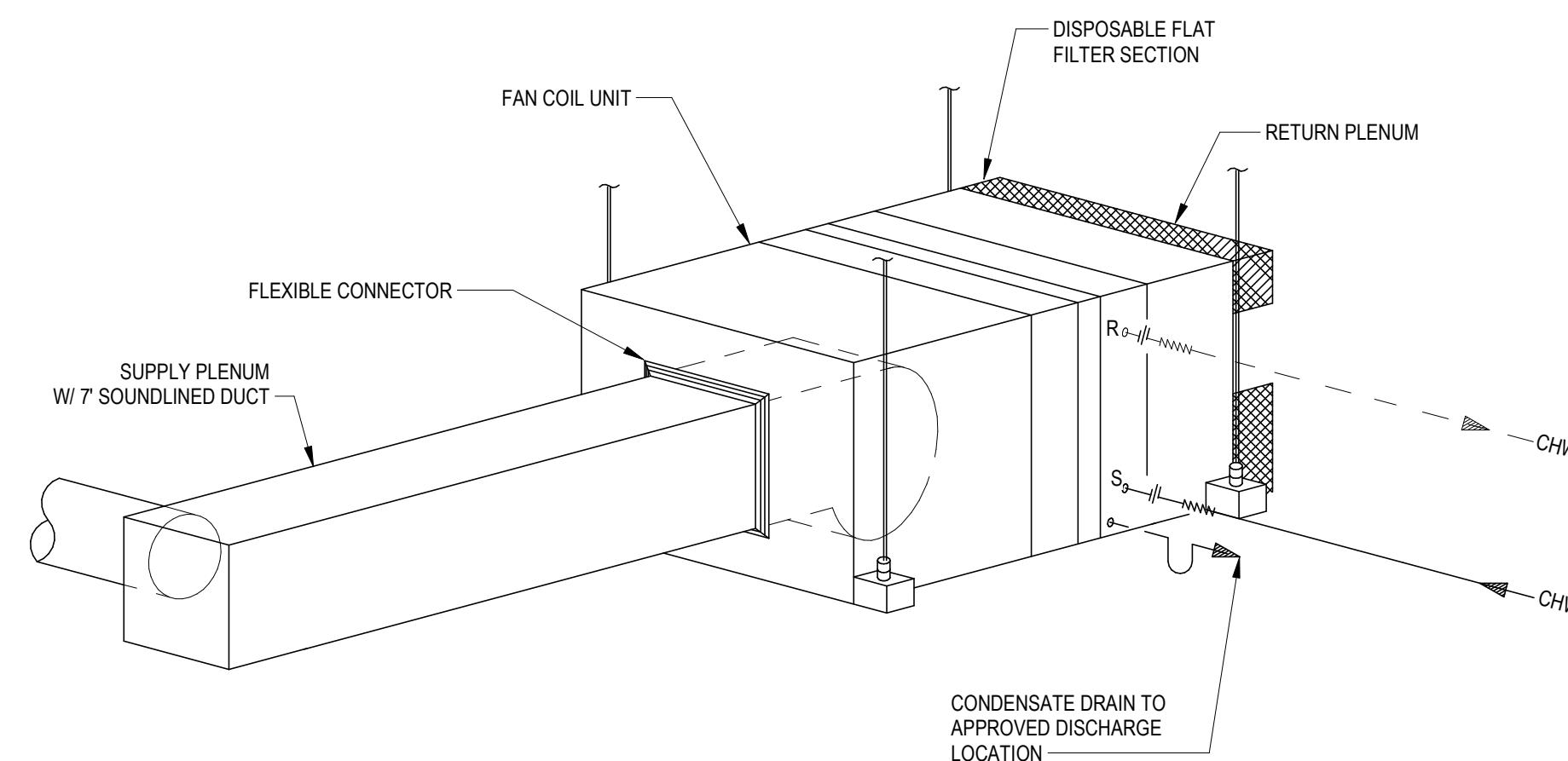
**LEVEL 01 MECHANICAL
FLOOR PLAN**



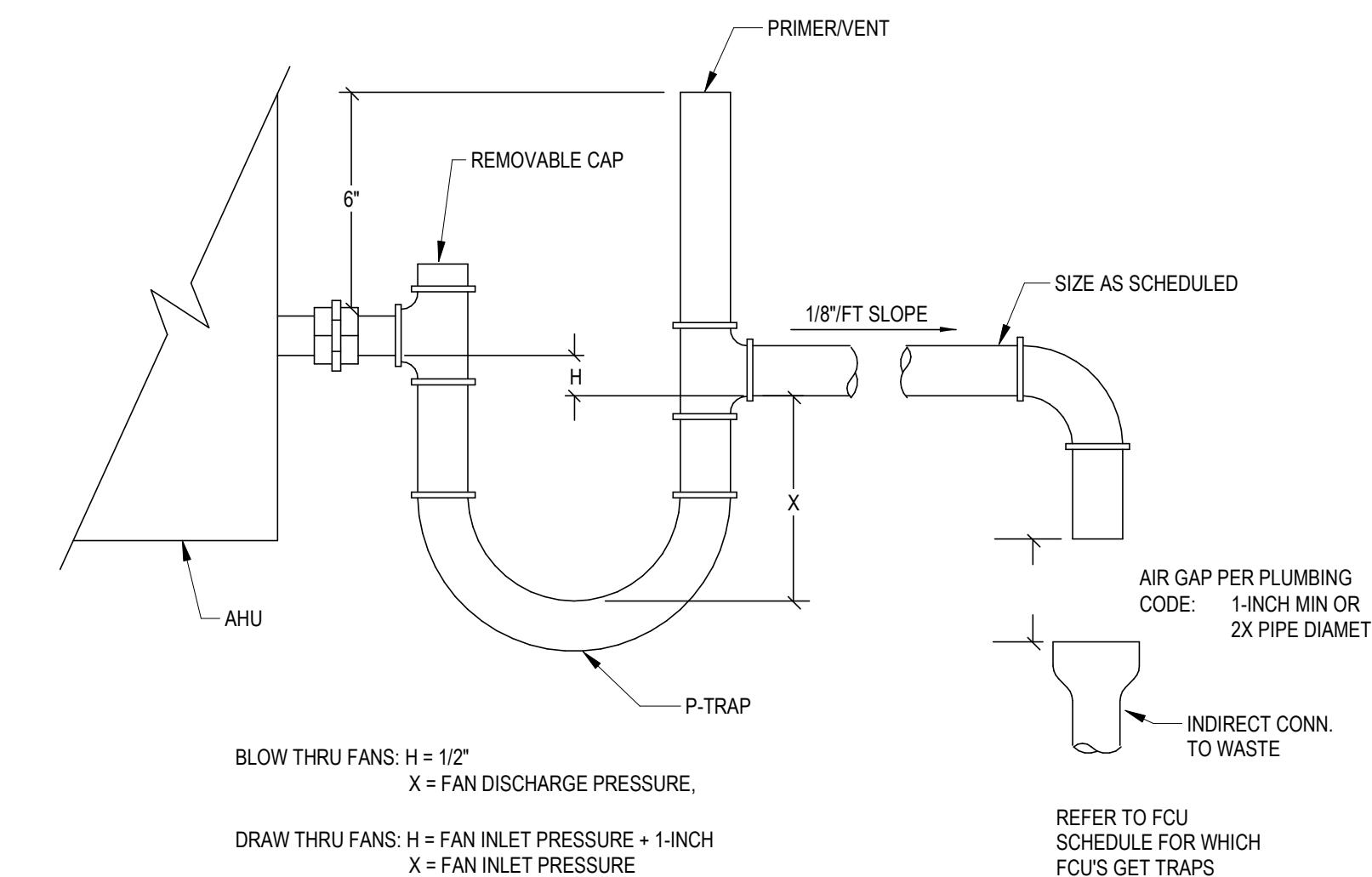
1 LEVEL 01 - MECHANICAL PLAN

SCALE: 1/8" = 1'-0"

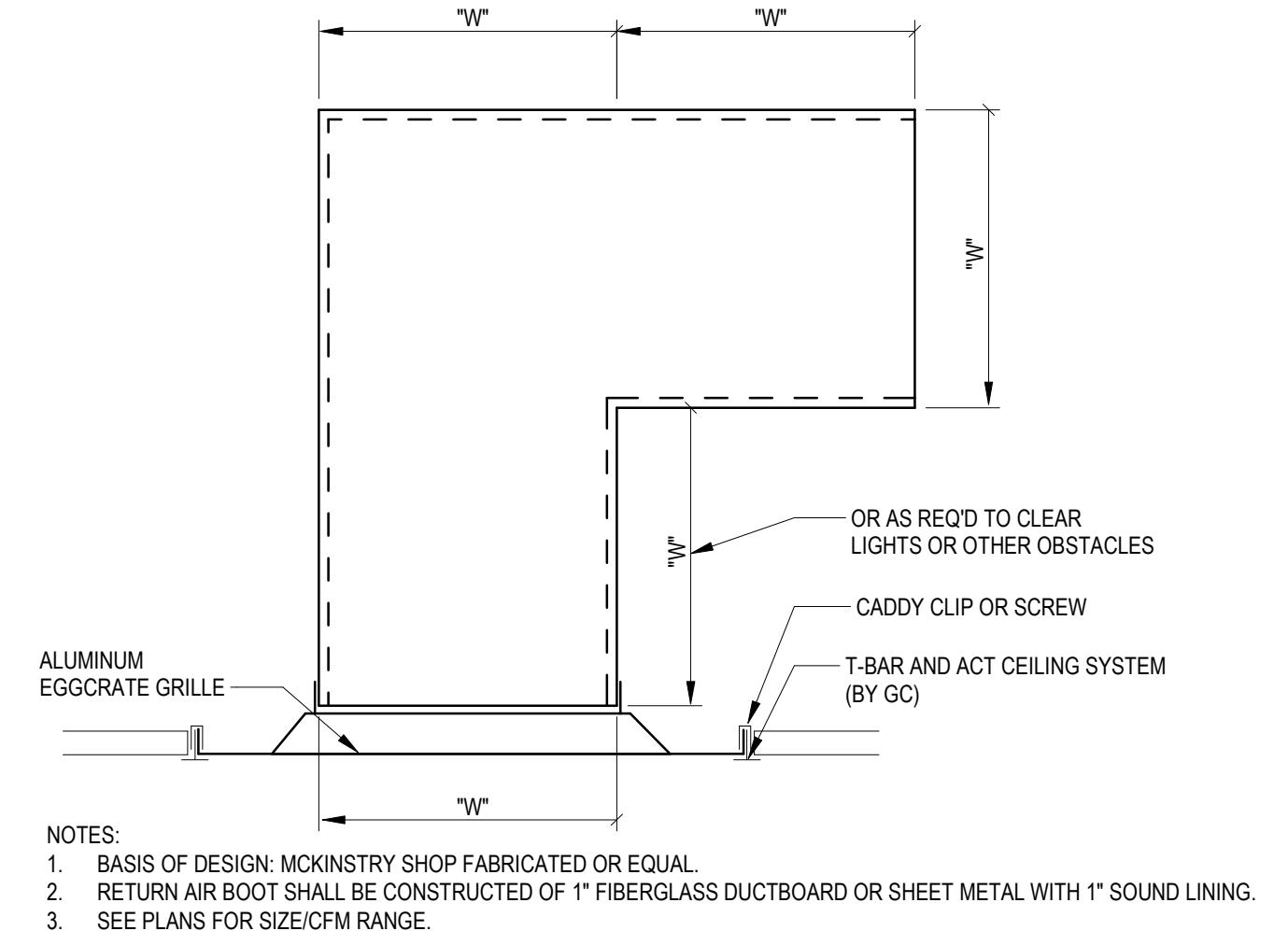




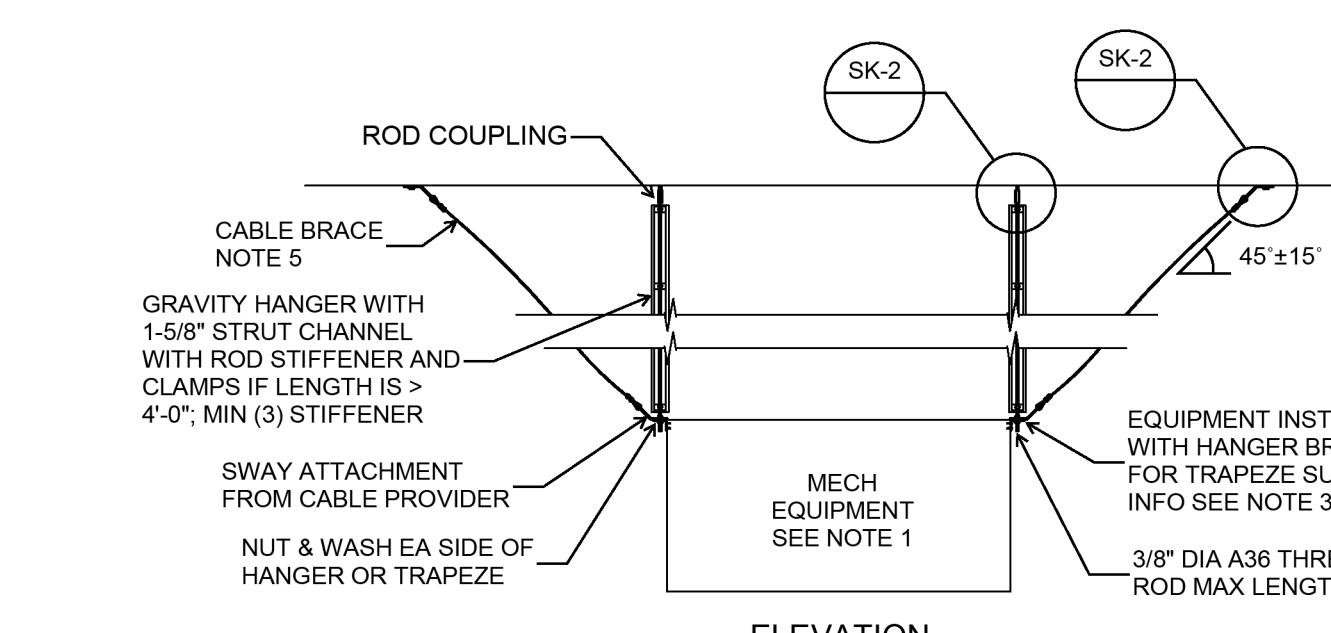
1 FAN COIL (FCU) DETAIL



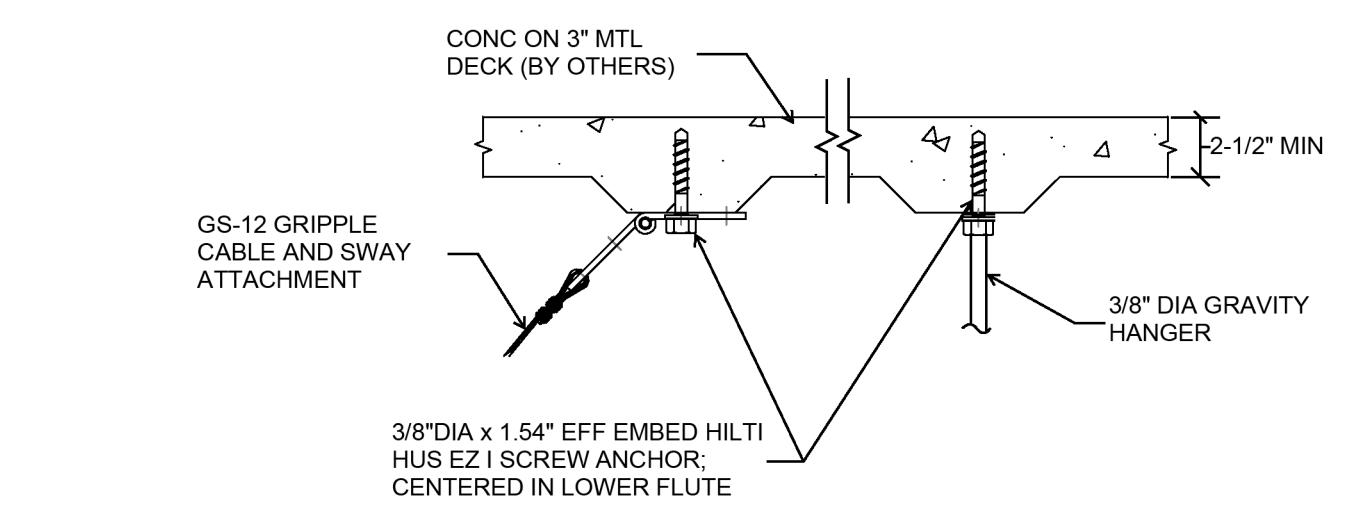
FCU CONDENSATE TRAP DETAIL



3 RETURN AIR GRILLE AND CAN DETAIL



4 TYPICAL SUSPENDED EQUIPMENT SEISMIC DETAIL
SCALE: NTS



5 TYPICAL SUSPENDED EQUIPMENT SEISMIC DETAIL
SCALE: NTS

ISSUE

PERMIT SET
3/12/2025



EXPIRES: 9-23-26
THIS IS AN ELECTRONIC SIGNATURE. DIGITAL



EXPIRES: 9-23-26
THIS IS AN ELECTRONIC SIGNATURE. DIGITAL

DESIGNED BY: I. WILBER
DRAWN BY: C. BRADY
CHECKED BY: J. YIRAK
JOB NO: 209628
ISSUED ON: 03/12/25

SHEET TITLE:

DETAILS

SHEET NUMBER:

M

IVI

[REDACTED]

M-500

M-500

ELECTRICAL SYMBOLS	
LIGHTING	RECEPTACLES
<p>FIXTURE TYPE SWITCH ZONE • INDICATE LETTER X INDICATES TIME CLOCK CONTROL • LOWERCASE LETTER X INDICATES LOCAL • (a) INDICATES DAYLIGHT ZONE CONTROLLED BY PHOTOCELL (WHERE BROWN) • (b) INDICATES ZONES CONTROLLED • FIXTURE IS ON EMERGENCY POWER • EXIT SIGN, CEILING MOUNT REFER TO ARCHITECTURAL LIFE SAFETY PLAN FOR DIRECTIONS & TRAVEL • EXIT SIGN, WALL MOUNT REFER TO ARCHITECTURAL LIFE SAFETY PLAN FOR DIRECTIONS & TRAVEL • CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY OR VACANCY SENSOR • DAYLIGHT SENSOR (x) INDICATES ZONES CONTROLLED • LOW VOLTAGE MULTI-BUTTON SCENE CONTROL SWITCH WITH DIM UP/DOWN x/y = SWITCH LEG(S) CONTROLLED • PROVIDE SEPARATE ON/OFF AND DIM UP/DOWN FUNCTIONALITY FOR EACH SWITCH LEG NOTED. • LOW VOLTAGE TWO-BUTTON SCENE SWITCH x/y = SWITCH LEG(S) CONTROLLED • PROVIDE SEPARATE ON/OFF FUNCTIONALITY FOR EACH SWITCH LEG NOTED • LOW VOLTAGE MULTI-BUTTON SCENE CONTROL SWITCH WITH DIM UP/DOWN • OCCUPANCY OR VACANCY SENSOR SWITCH WITH ON/OFF AND DIM UP/DOWN FUNCTIONALITY FOR EACH SWITCH LEG NOTED • OCCUPANCY OR VACANCY SENSOR SWITCH \$ ON/OFF TOGGLE SWITCH \$ THREE WAY TOGGLE SWITCH ON/OFF SWITCH \$ OCCUPANCY SENSOR, IR, CEILING MOUNT \$ OCCUPANCY SENSOR, DIAL TECHNOLOGY, WALL MOUNT C CONTACTOR R RELAY RC LIGHTING ROOM CONTROLLER - SUBSCRIPT INDICATES NUMBER OF CONTROL ZONES: PROVIDE ONE RELAY FOR EACH CONTROL ZONE RD RC LIGHTING ROOM CONTROLLER (DIMMING) - SUBSCRIPT INDICATES NUMBER OF DIMMING ZONES: PROVIDE ONE RELAY FOR EACH DIMMING ZONE.</p>	<p>DUPLEX RECEPTACLE - NEMA 5-15R (NEMA 5-20R FOR DEDICATED CIRCUIT) • LOWERCASE LETTER X INDICATES LOCAL • (a) INDICATES DAYLIGHT ZONE CONTROLLED BY PHOTOCELL (WHERE BROWN) • (b) INDICATES ZONES CONTROLLED • FIXTURE IS ON EMERGENCY POWER • EXIT SIGN, CEILING MOUNT • EXIT SIGN, WALL MOUNT • CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY OR VACANCY SENSOR • DAYLIGHT SENSOR (x) INDICATES ZONES CONTROLLED • LOW VOLTAGE MULTI-BUTTON SCENE CONTROL SWITCH WITH DIM UP/DOWN x/y = SWITCH LEG(S) CONTROLLED • PROVIDE SEPARATE ON/OFF AND DIM UP/DOWN FUNCTIONALITY FOR EACH SWITCH LEG NOTED. • LOW VOLTAGE TWO-BUTTON SCENE SWITCH x/y = SWITCH LEG(S) CONTROLLED • PROVIDE SEPARATE ON/OFF FUNCTIONALITY FOR EACH SWITCH LEG NOTED • LOW VOLTAGE MULTI-BUTTON SCENE CONTROL SWITCH WITH DIM UP/DOWN • OCCUPANCY OR VACANCY SENSOR SWITCH WITH ON/OFF AND DIM UP/DOWN FUNCTIONALITY FOR EACH SWITCH LEG NOTED • OCCUPANCY OR VACANCY SENSOR SWITCH \$ ON/OFF TOGGLE SWITCH \$ THREE WAY TOGGLE SWITCH ON/OFF SWITCH \$ OCCUPANCY SENSOR, IR, CEILING MOUNT \$ OCCUPANCY SENSOR, DIAL TECHNOLOGY, WALL MOUNT C CONTACTOR R RELAY RC LIGHTING ROOM CONTROLLER - SUBSCRIPT INDICATES NUMBER OF CONTROL ZONES: PROVIDE ONE RELAY FOR EACH CONTROL ZONE RD RC LIGHTING ROOM CONTROLLER (DIMMING) - SUBSCRIPT INDICATES NUMBER OF DIMMING ZONES: PROVIDE ONE RELAY FOR EACH DIMMING ZONE.</p>
ELECTRICAL RISER	LOW VOLTAGE SYSTEMS
<p>GROUND 30A/3P CIRCUIT BREAKER NUMBER INDICATES TRIP SETTING AND NUMBER OF POLES 400A/300AT ADJUSTABLE TRIP CIRCUIT BREAKER NUMBER INDICATE FRAME SIZE /TRIP SETTING 400A/300MF FUSED DISCONNECT SWITCH NUMBERS INDICATE SWITCH SIZE / FUSE SIZE PNL PANELBOARD CURRENT TRANSFORMER (CT) CABLE TO BUS CONNECTION AUTOMATIC TRANSFER SWITCH (ATS) FEEDER TYPE - REFER TO FEEDER SCHEDULE ON ONE-LINE UTILITY METER BRANCH CIRCUIT METER SURGE PROTECTIVE DEVICE (SPD) AVAILABLE SYMMETRICAL FAULT CURRENT IN AMPS</p>	<p>FIRE ALARM MANUAL PULL STATION WITH GUARD HORN/STROBE HORN/STROBE - CEILING MOUNT STROBE STROBE - CEILING MOUNT BELL SMOKE DETECTOR DUCT TYPE SMOKE DETECTOR (SUPPLY DUCT U.O.N.) FIXED TEMPERATURE HEAT DETECTOR ADRESSABLE RELAY MONITOR MODULE CONNECTION TO ELECTROMAGNETIC DOOR HOLDER CONNECTION TO ELECTROMAGNETIC DOOR HOLDER (MOUNT IN HEAD OF DOOR) 'G' INDICATES DEVICE WITH GUARD INFRARED BEAM SMOKE DETECTOR TRANSMITTER INFRARED BEAM SMOKE DETECTOR RECEIVER TELECOMMUNICATIONS PANELBOARD 277/480V PANELBOARD 120/208V OR 120/240V CABINET - TYPE AS INDICATED ON PLAN SWITCHBOARD TRANSFORMER COMBINATION STARTER NON-FUSED DISCONNECT SWITCH - SIZE PER CONNECTED LOAD FUSED DISCONNECT SWITCH - SIZE PER CONNECTED LOAD EQUIPMENT CONNECTION REFER TO EQUIPMENT CONNECTION SCHEDULE ON GENERAL NOTES SHEET WHEN 'XX' IS SHOWN. MECHANICAL EQUIPMENT CALLOUT. REFER TO MECHANICAL EQUIPMENT SCHEDULE EF-1 FLUSH FLOOR BOX POKE THRU FITTING POKE THRU FITTING WITH FURNITURE FEED WALL FURNITURE FEED POWER POLE RACEWAYS RACEWAY CONCEALED IN WALL OR CEILING, EXPOSED IN UNFINISHED AREAS RACEWAY CONCEALED BELOW FLOOR FLEXIBLE CONDUIT FIXTURE WHIP WITH CONDUCTORS A-1.3.5 BRANCH CIRCUIT WIRING SHOWING CIRCUIT HOME RUN TO PANELBOARD. PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT. CABLE TURNING UP CABLE TURNING DOWN AUTOMATIC TRANSFER SWITCH (ATS) CIRCUIT CONTINUATION FEEDER TYPE - REFER TO FEEDER SCHEDULE ON ONE-LINE UTILITY METER BRANCH CIRCUIT METER SURGE PROTECTIVE DEVICE (SPD) AVAILABLE SYMMETRICAL FAULT CURRENT IN AMPS</p>

ELECTRICAL ABBREVIATIONS	
AF	AMPERE FRAME
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AC	ACCELERATING CURRENT
AMP	AMPERE
AS	AMPERE SWITCH
ASV	AIR SOLENOID VALVE
AT	ANALOG
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BDG	BUILDING
BEL	BELL
BELD	BELLBOARD OPERATOR
BLDG	BUILDING
BLS	BREAKERS
BOL	BOLTS
BSP	BRAZING STEEL PLATE
C	CONDUT
CAB	CABINET
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
CM	COFFEE MAKER
CNU	CEILING/NEUTRAL/UNBALANCED
CO	CONDUIT ONLY
COMM	COMMUNICATION
COP	COPIER
CT	COOK TOP
CTT	COIL TRANSFORMER
CU	COPPER
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DET	DETAIL
DIA	DIAMETER
MCC	MOTOR CONTROL CENTER
DISC	DISCONNECT
DSPL	DISPOSAL
DN	DOWN
DO	DOOR OPERATOR
DPS	DOUBBLE POLE SINGLE THROW
DRY	DRYER
DW	DISHWASHER
DWG	DRAWING
EA	EACH
EF	EMERGENCY FAN
EH	ELECTRIC HEATER
EHD	ELECTRIC HAND DRYER
ELEC	ELECTRIC
ELEV	ELEVATOR
EMT	ELECTRICAL METALIC TUBING
EPO	EMERGENCY POWER OFF
EQUIP	EQUIPMENT
EWT	ELECTRICAL WATER COOLER
EWH	ELECTRIC WATER HEATER
EWS	ELECTRIC WINDOW SHADE
EXIST	EXISTING
EWI	EXISTING
FA	FEAR ALARM
PNL	PANEL
PROJ	PROJECTOR
PS	PROJECTION SCREEN
PTR	PRINTER
PVC	POLYVINYL CHLORIDE (PLASTIC)
PWR	POWER
QTY	QUANTITY
RAN	RETURN AIR FAN
RECPT	RECEPCTALE
REF	REFRIGERATOR
REQ	REQUIRED
RHD	RANGE HOOD
RMC	RIGID METAL CONDUIT
RNG	RANGE
RSD	ROLLING STEEL DOOR
SMOKE DAMPER	SMOKE DAMPER
SF	SUPPLY FAN
SOLV	SOLVENT
SPD	SURGE PROTECTIVE DEVICE
SPFC	SPECIFICATION
SPST	SINGLE POLE SINGLE THROW
ST	SHUNT TRIP
STD	STANDARD
STEEL	STEEL
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TEL	TELEPHONE
TEMP	TEMPERATURE
TP	TRAP PRIMER
TR	TAMPER RESISTANT
TTB	TELEPHONE TERMINAL BOARD
TYP	TYPE
UC	UNDERCOUNTER
UGND	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRINKS LABORATORIES
UNL	UNLISTED
UPS	UNINTERUPPABLE POWER SUPPLY
USB	UNIVERSAL SERIAL BUS
V	VOLT
V.A.	VOL AMPERE
VFD	VARIABLE FREQUENCY DRIVE
VGM	VENDING MACHINE
WATT	WATT
WHT	WHITE
WAC	WASHINGTON ADMINISTRATIVE CODE
WASHER	WASHER
WD	STACKED WASHER / DRYER
WF	WASH FOUNTAIN
WM	WASHING MACHINE
WON	WON DOOR
WP	WEATHERPROOF; WATERPROOFING
XFMR	TRANSFORMER
Z	IMPEDANCE

DRAWING INDEX	
SHEET NUMBER	DESCRIPTION
E001	COVER SHEET AND GENERAL INFORMATION
E002	SEC
E201	LOBBY LIGHTING PLAN
E301	LOBBY POWER PLAN
E31	LOBBY MECHANICAL POWER PLAN
E401	LOBBY SYSTEMS PLAN
E501	ONE-LINE DIAGRAM - NORMAL POWER
E502	ONE-LINE DIAGRAM - NORMAL POWER
E503	ONE-LINE DIAGRAM - EMERGENCY & STANDBY
E504	ONE-LINE DIAGRAM - EMERGENCY & STANDBY
E601	PANEL SCHEDULES

PROJECT ISSUANCE DATES:		
DATE	DESCRIPTION	
Sheet Revisions:		
No. Date Description		
Seal		

RELEASE DATE / DATE
OWNER REVIEW
2025.03.26

SEATTLE DCI USE ONLY BELOW THIS LINE

COVER SHEET
AND GENERAL
INFORMATION

SHEET NO.

E001

This drawing is to be used in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The original drawing must be checked immediately after completion. This drawing is copyrighted and remains the property of the original owner.

THE FOLLOWING GENERAL NOTES APPLY TO ALL DRAWINGS

- ITEMS NOTED AS "TYPICAL" ON ANY DRAWING REFERS TO ALL DRAWINGS.
- PROVIDE NYLON FULL STRING IN ALL EMPTY RACEWAYS.
- NO STRUCTURAL MEMBERS SHALL BE CUT OR TEROED WITHOUT PRIOR APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER.
- ALL RACEWAYS WITHIN THE BUILDING SHALL BE RUN OVERHEAD U.O.N. RACEWAYS SHALL NOT BE RUN UNDER THE FLOOR SLAB UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS.
- NO RACEWAYS SHALL BE RUN IN FLOOR SLABS.
- LOCATIONS OF ALL WALL MOUNTED DEVICES ARE SHOWN SCHEMATICALLY. COORDINATE WITH THE ARCHITECTURAL DRAWINGS, ELEVATIONS AND CASEWORK SUPPLIERS SHOP DRAWINGS FOR EXACT LOCATION OF DEVICES PRIOR TO ROUGH-IN.
- ALL RACEWAYS IN FINISHED SPACES SHALL BE CONCEALED.
- PROVIDE 2" CAT 5E SLEEVES FOR LOW VOLTAGE WIRING RUNNING THROUGH NON-RATED WALLS, FLOORS AND CEILINGS.
- PROVIDE SLEEVES WITH APPROVED FIRE STOPPING AT EACH LOCATION WHERE LOW VOLTAGE WIRING PENETRATES A RATED WALL OR CEILING.
- SEAL ALL PENETRATIONS IN RATED FLOORS AND CEILINGS WITH A UL APPROVED FIRE STOP SYSTEM.
- PROVIDE A COMPLETE DESIGN BUILD PATHWAY SYSTEM FOR ALL LOW VOLTAGE WIRING. SEE SPECIFICATIONS. QUANTITY AND SIZE OF RACEWAYS SHOWN ON LOW VOLTAGE SYSTEMS PLANS ARE THE MINIMUM TO BE PROVIDED. CONTRACTOR SHALL PROVIDE ALL RACEWAYS AS REQUIRED.
- ALL LOW VOLTAGE WIRING NOT RUN IN A METALLIC RACEWAY SHALL BE PLenum RATED.
- ALL EQUIPMENT, LUMINAIRES, RACEWAYS, DEVICES, ETC. SHALL BE UL LISTED.
- MOUNT ALL DEVICES ABOVE COUNTERS 6' ABOVE BACKSPLASH UNLESS NOTED OTHERWISE.
- ALL CONTROLLED RECEPTACLES SHALL BE PERMANENTLY LABELED AS REQUIRED TO BY THE NEC.
- REFER TO ARCHITECTURAL DRAWINGS FOR DEVICE MOUNTING HEIGHTS.

LIGHTING REQUIREMENTS

THE FOLLOWING GENERAL NOTES APPLY TO ALL LIGHTING PLAN DRAWINGS

- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR EXACT LOCATION OF LUMINAIRES.
- WHERE THERE IS A CONFLICT ARCHITECTURAL PLANS SHALL GOVERN.
- COORDINATE THE FINAL LOCATION OF LUMINAIRES IN MECHANICAL ROOMS AND ATTIC SPACES TO AVOID CONFLICTS WITH DUCT WORK, PIPING, AND MECHANICAL EQUIPMENT.
- ROUTE ALL EXTERIOR LIGHTING CIRCUITS VIA LIGHTING CONTROL PANEL.
- INSTALL AND WIRE REMOTE DRIVERS. REFER TO LUMinaire SCHEDULE. MOUNT IN ACCESSIBLE LOCATIONS. SHOW LOCATIONS ON THE AS-BUILT DRAWINGS.

POWER REQUIREMENTS

THE FOLLOWING GENERAL NOTES APPLY TO ALL POWER PLAN DRAWINGS

- CIRCUIT ALL PRESSURE DAMPERS AND SMOKE DAMPERS FROM NEAREST 120V EMERGENCY PAN. WITH 1/2" 3/4" UTILITY SHARE 20A-IP BREAKER PROVIDED. RECORD CIRCUITING ON AS-BUILT PANEL SCHEDULES AND DRAWINGS. REFER TO MECHANICAL DRAWINGS FOR DAMPERS LOCATIONS.
- COORDINATE LOCATIONS OF BAS CONTROL POWER WITH THE CONTROLS CONTRACTOR PRIOR TO ROUGH-IN.
- PRIOR TO ORDERING EQUIPMENT OR ROUGH-IN, COORDINATE WITH THE MECHANICAL CONTRACTOR TO ESTABLISH THE LOAD AND OVERCURRENT PROTECTION REQUIREMENTS FOR EACH PIECE OF EQUIPMENT.
- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR EQUIPMENT RATINGS AND FEEDER SIZES.
- PROVIDE DISCONNECT SWITCH OR COMBINATION STARTER FOR EACH PIECE OF EQUIPMENT AS SHOWN ON MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
- PRIOR TO ROUGH-IN OF ALL EQUIPMENT SPECIFIED BY OTHER DIVISIONS, COORDINATE WITH THE MECHANICAL CONTRACTOR TO ESTABLISH ALL REQUIREMENTS FOR EACH PIECE OF EQUIPMENT.
- ALL EXTERIOR RECEPTACLES SHALL BE W/GFCI TYPE.
- COORDINATE WITH THE ELEVATOR SHOP DRAWINGS AND THE ELEVATOR INSPECTOR PRIOR TO ROUGH-IN OF THE ELEVATOR MACHINE ROOM.
- ALL HEAT TRACE AND SNOW MELT EQUIPMENT CIRCUITS SHALL BE FED WITH GFI CIRCUIT BREAKERS.
- PROVIDE 100-16 HARDWIRED CONNECTION TO EACH TRAP PRIMER FROM NEAREST ADJACENT GENERAL RECEPTACLE CIRCUIT UTILIZING "X" 3/8". REFER TO MECHANICAL DRAWINGS FOR LOCATIONS. RECORD CIRCUITING ON AS-BUILT PANEL SCHEDULES AND DRAWINGS.

EQUIPMENT CONNECTIONS

1. PROVIDE ALL RACEWAYS, WIRING AND AUXILIARY EQUIPMENT AS SHOWN ON MANUFACTURER SHOP DRAWINGS.

2. PROVIDE HARDWIRED CONNECTION, RECEPTACLE OR FUSED DISCONNECT SWITCH AS SHOWN ON MANUFACTURER SHOP DRAWINGS.

ONE-LINE DIAGRAM

THE FOLLOWING GENERAL NOTES APPLY TO ALL ONE-LINE DRAWINGS

- PROVIDE PULL BOXES AS REQUIRED BY THE NEC.
- SHORT CIRCUIT CURRENTS LESS THAN 10,000 ASYM FOR 208V PANELS AND 14,000 ASYM FOR 480V PANELS ARE NOT SHOWN.
- THE ONE-LINE DIAGRAM IS DIAGRAMMATIC AND DOES NOT SHOW THE ACTUAL ROUTING OF THE RACEWAYS.
- FOR TWO SECTION PANELS PROVIDE FULL SIZE FEEDER CONNECTIONS FROM SECTION 1 TO SECTION 2.
- ROUTE ALL CIRCUITS FROM THE PANELS TO THE CIRCUIT BREAKERS.
- THE ELECTRICAL DISTRIBUTION SYSTEM SHALL BE FULLY RATED. A SERIES RATED SYSTEM IS NOT ACCEPTABLE.
- ALL TRANSFORMERS ARE 480V 3 PHASE PRIMARY; 120/240V 3 PHASE, 4 WIRE SECONDARY. DOE 2016 RATED, U.O.N.
- NOT ALL CIRCUIT BREAKERS ARE SHOWN. REFER TO PANEL SCHEDULES AND DRAWINGS FOR CIRCUIT BREAKER SIZES.
- CONTRACTOR TO PROVIDE COORDINATION AND ARC FLASH STUDY. ALL DISTRIBUTION SYSTEMS SHALL BE RATED FOR THE AVAILABLE FAULT CURRENT AND SHALL BE LABELED WITH THE ARC FLASH HAZARD CATEGORY AND AVAILABLE FAULT CURRENT. ALL NEC

Lighting Summary		LTG-SUM	
2018 Seattle Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1			
Revised Aug 2021 rev. 3			
Project Info <i>Compliance forms do not require a password to use. Instructional and calculating cells are write-protected.</i>		Project Title: <input type="text"/> <i>Applicant Information. Provide contact information for individual who can respond to inquiries about compliance form information provided.</i> Company Name: COFFMAN ENGINEERS Company Address: 1101 2ND AVE SEATTLE WA 98101 Applicant Name: COFFMAN ENGINEERS Applicant Phone: 206-521-0754 Applicant Email: SEATTLENREC@COFFMAN.COM	
Project Description <input type="checkbox"/> New Building <input type="checkbox"/> Addition <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> No Lighting Scope <i>Include PROJ-SUM form (included in envelope forms workbook) with lighting compliance forms.</i>			
Interior Lighting System Description <input type="checkbox"/> Interior Lighting Plans Included			
Interior Lighting Power Allowance Method <input type="checkbox"/> Building Area Method <input checked="" type="checkbox"/> Space-by-space Method <i>Select method used in project.</i>			
Interior Lighting Controls <input checked="" type="checkbox"/> All C405.2, Item 1 Lighting Controls <input type="checkbox"/> C405.2, Item 2 Luminaire Level Lighting Control (LLLC) <input type="checkbox"/> Additional Efficiency Package Option C406.4 Enhanced Digital Lighting Controls <i>To comply with C406.4, no less than 90% of the total installed interior lighting power shall comply with the required controls per C406.4.</i>			
Sleeping / Dwelling Unit Interior Lighting <input type="checkbox"/> Exterior Lighting Plans Included		Area of multifamily dwelling units complying with C405.1.1 and C405.7 Area of all other dwelling and sleeping units complying with C405.1.1 and C405.2.5 Area of all other dwelling and sleeping units complying with C405.5 and C405.2.5	
Exterior Lighting System Description <input type="checkbox"/> Exterior Lighting Plans Included			
Building Additions <i>Refer to Section C502.2.6 for additional requirements.</i>		Compliance Method Lighting systems in addition area comply with all applicable provisions as a stand alone new construction project Lighting systems in addition are combined with existing building lighting systems to demonstrate compliance	Interior lighting <input checked="" type="checkbox"/> Exterior lighting <input type="checkbox"/>
<i>Addition is combined with existing:</i> <i>For interior lighting projects, include new + existing-to-remain interior lighting fixture wattage in Proposed Lighting Wattage table in LTG-INT-BLD or LTG-INT-SPACE form.</i> <i>For exterior lighting projects, include new + existing-to-remain exterior lighting fixture wattage in Proposed Tradable and Proposed Non-Tradable Lighting Wattage tables in LTG-EXT form.</i>			

Interior Lighting - Space-By-Space Method			LTG-INT-SPACE		
2018 Seattle Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1			Revised Aug 2021 rev. 3		
Project Title:			Date	3/26/2025	
Calculation Area <small>NOTE 9:</small>	<input type="radio"/> New Construction	<input type="radio"/> Addition - stand alone	<input type="radio"/> Addition + existing	For SDCI Use:	
	<input type="radio"/> Spaces where < 20% of luminaires are replaced	<input type="radio"/> Spaces where ≥ 20% of luminaires are replaced	<input type="radio"/> Spaces where the Use is changing (C505)		
LPA Calculation Type	<input checked="" type="radio"/> Standard	<input type="radio"/> C406.3.1 Reduced LPA 10%	C406.3.2 Reduced LPA 20%	User Note	
	To comply with C406.3.1 or C406.3.2, the Proposed LPD shall be 10% or 20% lower respectively than the Target LPA. Refer to C406.3 for additional requirements				
Maximum Allowed Lighting Wattage <small>NOTE 1:</small>					
Location (plan #, room #)	Space Type		Gross Interior Area in ft ²	Allowed Watts per ft ²	Watts Allowed (watts/ft ² x area)
E201	Lobby; all other		3400	0.760	2584
Total Area	3400	Retail Display Allowance from LTG-INT-DISPLAY			

Lighting, Motor, and Electrical Permit Checklist, Pg. 1			LTG-CHK	
e Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1			Revised Aug 2021 rev. 3	
e: JMB LOBBY		Date	3/26/2025	
Information is necessary to check a permit application for compliance with the lighting, motor, and electrical requirements in the State Energy Code, Commercial Provisions.				
Code Section	Component	Compliance information required in permit documents	Location in Documents	SDCI Notes
G CONTROLS				
C405.2	Lighting controls, general	For all lighting systems, indicate lighting control method on plans for spaces and lighting zone(s) served, or exception taken	E201	
C405.2	LLLC required for open office	For open office areas larger than 5000 sf, provide LLLC fixtures or enhanced digital lighting control system		
C405.2, Option 2	Luminaire level lighting controls (LLLC)	Indicate on plans all fixtures provided with LLLC complying with C405.2 option 2 lighting controls; provide description of control capabilities and performance parameters		
C405.2.5 Item 3 C405.2.1.1 C405.2.3.1	Lighting in dwelling units (dormitory, hotel and all other than multifamily)	Indicate method of automatic control of all installed luminaires in dwelling units in buildings other than multifamily (occupancy or light reduction controls)		
C405.2.5 Item 2	Lighting in sleeping units	Indicate method of automatic off control of all installed luminaires in sleeping units (vacancy or key card control); also refer to Receptacles		
C405.2.3 C405.2.3.1 C405.2.5	Manual controls	Indicate on plans the method of manual lighting control, location of manual control device and the area or specific application it serves		
C405.2.4.1	Manual lighting controls for emergency lighting, 150% lighting levels			

Lighting, Motor, and Electrical Permit Checklist, Pg. 2					LTG-CHK
Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1					Revised Aug 2021 rev. 3
JMB LOBBY			Date	3/26/2025	
Information is necessary to check a permit application for compliance with the lighting, motor, and electrical requirements in the State Energy Code, Commercial Provisions.					
Code Section	Component	Compliance information required in permit documents		Location in Documents	#REF!
C405.2.4	Daylight responsive controls	Indicate on plans lighting zone(s) served by daylight responsive controls; indicate that the area served by each control device does not exceed 2,500 sf;		E201	
		Identify sidelit and toplit daylight zones that are not provided with daylight sensing controls and the exception(s) that apply;			
		Indicate on plans the lighting load reduction method (continuous dimming, or stepped dimming that provides at least two even steps between 0%-100% of rated power);			
		Indicate that daylight sensing controls are configured to completely shut off all controlled lights in the lighting zone			
C405.2.5	Additional controls - Specific application lighting controls	Identify spaces and lighting fixtures on plans that require specific application lighting controls per this section			
C405.2.5 - Item 1	Display and accent lighting	Indicate on plans that manual controls are provided that control display, accent lighting and display case lighting independently from both general area lighting and other lighting applications within the same space;			
		Indicate manual and automatic (occupant sensor or time switch) lighting control methods			
C405.2.5 - Item 2	Hotel/motel guest rooms	Indicate method of automatic control - vacancy or captive key control of all installed luminaires and switched receptacles in guest room			
C405.2.5 - Item 1	Supplemental task lighting	Indicate method and location of manual and automatic shut-off control (occupant sensor or time switch) for supplemental task lighting, including under-shelf or under-cabinet lighting			
C405.2.5 - Item 1	Supplemental task lighting	Indicate on plans that lighting equipment for sale or demonstration are controlled independently from both general area lighting and other lighting applications within the same space;			
		Indicate manual and automatic (occupant sensor or time switch) lighting control methods			
C405.2.5 - Item 4	Lighting for non-visual applications	Identify all eligible non-visual lighting applications on plans; indicate that the area served by each control device does not exceed 4,000 sf;			
		Indicate on plans that non-visual lighting are controlled independently from both general area lighting and other lighting applications within the same space;			
		Indicate method of manual lighting control and applicable automatic lighting control			
C405.2.5 - Item 5	Means of egress lighting	Identify on plans egress fixtures that function as both normal and emergency means of egress illumination;		E201	
		Provide calculation of lighting power density of total egress lighting operating 24/7 and demonstrate that is is equal to or less than 0.01 W/ft ² ;			
		Indicate method of automatic shut-off control			
C405.2.6	Exterior lighting controls	For decorative exterior lighting, indicate on plans automatic daylight shut-off controls, or exception taken			
		For exterior lighting that is not decorative, indicate on plans automatic daylight or time-switch shut-off controls and setback controls; or indicate exception taken			
		For lighting requiring setback controls, include control sequence that reduces lighting power by at least 30% between 12am-6am, or from 1 hour after closing to 1 hour before opening, or based upon motion sensor			
C405.2.6	Exterior lighting controls - Building facade and landscape	For building facade and landscape lighting, indicate control sequence for shut-off control is based on dawn-to-dusk and business opening/closing schedule; indicate whether automatic or time switch controls will be provided for this function			
C405.5.4	Exterior gas-fired lighting appliances	Indicate ignition system is a method other then continuously burning pilot light			
C405.2.7	Area controls - Master control switches and circuit power limit	Indicate location(s) of master control switch(es) intended to control multiple independent switches; circuit breaker may not be used as a master control switch;			
		Verify that no single switch controls more than one 20-amp circuit, loaded to maximum 80% capacity			
ENERGY EFFICIENCY PACKAGE OPTION - ENHANCED DIGITAL LIGHTING CONTROLS					
C406.4	Enhanced digital lighting controls	To comply with additional efficiency credit, indicate on plans that interior lighting fixtures are configured with all of the following control functions, as applicable: 1) Each fixture is individually addressed, or exception taken; 2) Fixtures are configured for continuous dimming; 3) No more than eight fixtures are controlled by a single daylight sensor; 4) In enclosed and open office areas, illumination levels of overhead general area lighting is configured to be individually adjusted by occupants;			
		Include calculations that demonstrate the total lighting power of all interior lighting fixtures configured with enhanced lighting controls is no less than 90% of the total interior lighting power for the area the enhanced lighting controls credit is being applied to			

Lighting Summary, cont.		LTG-SUM																																		
2018 Seattle Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1																																				
Project Title:		Revised Aug 2021 rev. 3																																		
		Date	3/26/2025																																	
Change of Space Use		<input type="checkbox"/> Existing interior lighting systems in areas undergoing a change in space use are upgraded to comply with LPAs for the new space types per Tables C405.4.2(1) or C405.4.2(2). <i>Identify interior spaces requiring LPD upgrade to the current Code in Proposed Lighting Wattage table in LTG-INT-BLD or LTG-INT-SPACE form.</i>																																		
Interior and Exterior Lighting Alterations		<table border="1"> <thead> <tr> <th>Lighting Power</th> <th>Interior lighting</th> <th>Parking garage</th> <th>Exterior lighting</th> </tr> </thead> <tbody> <tr> <td>Spaces with more lighting than threshold added, altered or replaced (20% int., 20% garage, 20% ext.)</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Spaces with less lighting than threshold added, altered, or replaced (20% int., 20% garage, 20% ext.)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Lamp and/or ballast replacement only – existing total wattage not increased</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table> <p>More lighting than threshold replaced - Total lighting power of new + existing-to-remain fixtures shall comply with total LPA per Sections C405.4.2 and C405.5.3. Include new + existing-to-remain fixtures in Proposed Lighting Wattage table in LTG-INT-BLD, LTG-INT-SPACE or LTG-EXT form.</p> <p>Less lighting than threshold replaced - Total lighting power of new + existing-to-remain fixtures shall not exceed the total lighting power prior to alteration. Include new + existing-to-remain fixtures in the Proposed Lighting Wattage table in LTG-INT-BLD, LTG-INT-SPACE or LTG-EXT form.</p> <p>The threshold for interior lighting is 20% of the luminaires within an enclosed space, for parking garages the threshold is 20% of the luminaires within the garage, and for exterior spaces the threshold is 20% of the total installed lighting power for the exterior luminaires.</p> <table border="1"> <thead> <tr> <th>Lighting Controls</th> <th>Interior lighting</th> <th>Parking garage</th> <th>Exterior lighting</th> </tr> </thead> <tbody> <tr> <td>New wiring installed to serve added fixtures and/or fixtures relocated to new circuit(s)</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>New or moved lighting panel</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Interior space is reconfigured – luminaires unchanged or relocated only</td> <td><input type="checkbox"/></td> <td></td> <td></td> </tr> </tbody> </table> <p>New wiring or circuit - For interior lighting, provide required manual controls per C405.2.3, occupancy sensor controls per C405.2.1, daylight responsive controls per C405.2.4 and application specific lighting controls per C405.2.5. For exterior lighting, provide required controls per C405.2.6.</p> <p>New or moved panel - Provide all applicable lighting controls as noted for New Wiring and automatic time switch controls per C405.2.2.</p> <p>Reconfigured interior space - Provide all required lighting controls that apply to a new interior space. Application specific lighting control provisions per C405.2.5 do not apply to reconfigured spaces.</p>			Lighting Power	Interior lighting	Parking garage	Exterior lighting	Spaces with more lighting than threshold added, altered or replaced (20% int., 20% garage, 20% ext.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spaces with less lighting than threshold added, altered, or replaced (20% int., 20% garage, 20% ext.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lamp and/or ballast replacement only – existing total wattage not increased	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lighting Controls	Interior lighting	Parking garage	Exterior lighting	New wiring installed to serve added fixtures and/or fixtures relocated to new circuit(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	New or moved lighting panel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Interior space is reconfigured – luminaires unchanged or relocated only	<input type="checkbox"/>		
Lighting Power	Interior lighting	Parking garage	Exterior lighting																																	
Spaces with more lighting than threshold added, altered or replaced (20% int., 20% garage, 20% ext.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																	
Spaces with less lighting than threshold added, altered, or replaced (20% int., 20% garage, 20% ext.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																	
Lamp and/or ballast replacement only – existing total wattage not increased	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																	
Lighting Controls	Interior lighting	Parking garage	Exterior lighting																																	
New wiring installed to serve added fixtures and/or fixtures relocated to new circuit(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																	
New or moved lighting panel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																	
Interior space is reconfigured – luminaires unchanged or relocated only	<input type="checkbox"/>																																			
<input type="checkbox"/> No changes are being made to the interior or exterior lighting systems and existing space uses and configuration are not changed.																																				

Interior Lighting Power & Efficacy				
Applicability (yes,no,na)	Code Section	Component	Compliance information required in permit documents	Location in Documents
INTERIOR LIGHTING POWER & EFFICACY				
Yes	C405.4.1 C405.4.2	Total connected interior lighting power	Include all luminaires in interior lighting fixture schedule; indicate fixture types, lamps, ballasts, and manufacturer's watts per fixture for the installed lamp; Identify spaces eligible for lighting power exemption on plans and in SEC Interior lighting compliance reports; indicate the exception applied; Identify lighting equipment eligible for lighting power exemption in fixture schedule and in SEC interior lighting compliance reports; indicate the exception applied;	E201
Yes	C405.4.1	Total connected interior lighting power alternative	Indicate on plans any areas where proposed wattage is calculated as the total dedicated lighting branch wattage; detail rated wattage and proposed lighting power for each branch.	E002
NA	C405.1 C405.1.1	Lighting in dwelling units (multifamily)	For all installed luminaires, include lamp type and number of lamps in lighting fixture schedule; for lamps that are not LED, T-8 or small diameter fluorescent, indicate efficacy of other lamp types is 65 lumens per watt or greater	
NA	C405.1 C405.1.1	Lighting in dwelling units (dormitory, hotel and all other than multifamily)	For all installed luminaires, indicate in lighting fixture schedule whether complying via lighting power density or by qualifying lamp type; if by lamp type, include number of lamps	
NA	C405.1 C405.1.1	Lighting in sleeping units	For all installed luminaires, indicate in lighting fixture schedule whether complying via lighting power density or by qualifying lamp type; if by lamp type, include number of lamps	
Interior Lighting Power Calculation - Indicate compliance path taken				
NA	C405.4.2.1	Building Area Method	Demonstrate that total proposed wattage per building area does not exceed maximum allowed wattage per building area; identify locations of building areas on plans; provide SEC exterior lighting compliance reports	
Yes	C405.4.2.2	Space-By-Space Method	Demonstrate that total proposed wattage does not exceed maximum allowed wattage; identify locations of space types on plans, including retail display areas and areas with display, highlight and decorative lighting; provide SEC exterior lighting compliance reports	E002
ADDITIONAL EFFICIENCY PACKAGE OPTION - REDUCED INTERIOR LIGHTING POWER DENSITY				
NA	C406.3.1 C406.3.2	Reduced interior lighting power density	To comply with additional efficiency credit, demonstrate that total connected interior lighting wattage is 10% or 20% less than the total maximum allowed lighting wattage for the area the reduced lighting power credit is being applied to; indicate whether lighting power allowance is based on the building area method or space-by-space method; provide SEC exterior lighting compliance reports	
NA	C406.3	Reduced interior lighting power density - dwelling unit lamp efficacy	For project with dwelling units, to comply with additional efficiency credit indicate in lighting fixture schedule that lamps within installed interior luminaires have an efficacy rating of at least 65 lumens per watt; include number of lamps and provide calculations that demonstrate at least 95% of lamps have this efficacy rating	
Exterior Lighting Power & Efficacy				
NA	C405.5.2	Total connected exterior lighting power	Include all luminaires in exterior lighting fixture schedule; indicate fixture types, lamps, ballasts, and manufacturer's watts per fixture for the installed lamp; Identify exterior applications eligible for lighting power exemption on plans and in SEC exterior lighting compliance reports; indicate exception applied; Indicate that exempt exterior lighting and lighting located within exterior areas/surfaces that eligible for a lighting power exemption are controlled independently from non-exempt exterior lighting;	
NA	C405.5.3(1)	Exterior lighting zone	Indicate building exterior lighting zone as specified by the AHJ	
NA	C405.5.1	Exterior building grounds lighting	For building grounds fixtures rated at greater than 50 watts, indicate rated lamp efficacy (in lumens per watt) in fixture schedule	
NA	C405.5.3	Exterior lighting power calculations	Identify locations of tradable and non-tradable surfaces on plans Complete required compliance form – proposed wattage for exterior lighting plus base site allowed does not exceed maximum allowed	
	C405.5.5	Full cutoff luminaires	For open parking, outdoor area, and roadway luminaires mounted more than 15 feet above the ground, indicate fixture	

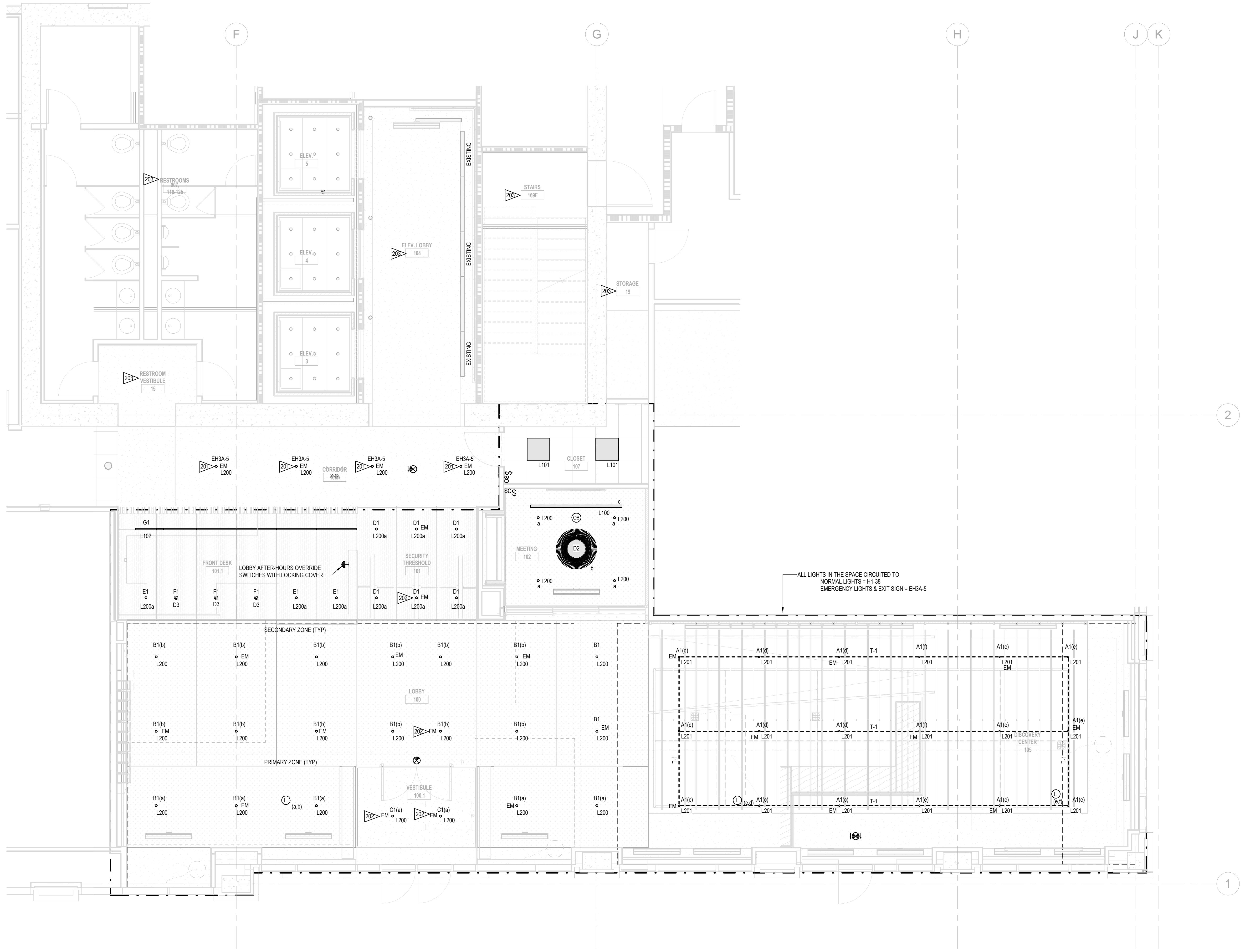
Lighting, Motor, and Electrical Permit Checklist, Pg. 4					LTG-CHK
e Energy Code Compliance Forms for Commercial Buildings including R2, R3, R4 over 3 stories and all R1					Revised Aug 2021 rev. 3
Code Section	Component	Compliance information required in permit documents	Date	SDCI Notes	
G ALTERATIONS					
C503.6.1	Interior and parking garage lighting fixture alterations	Where ≥ 20% of existing luminaires in an interior space or parking garage are replaced; indicate compliance path (building area or space-by-space method); include all new and existing-to-remain luminaires in SEC interior lighting compliance reports; indicate proposed lighting wattage does not exceed maximum allowed per compliance path	E002		
		Where < 20% of existing luminaires in an interior space or parking garage are replaced; indicate total existing lighting wattage in each space prior to alteration; include all new and existing-to-remain luminaires in SEC interior lighting compliance reports; indicate proposed total lighting wattage in alteration area does not exceed total existing lighting wattage prior to alteration			
C503.6.1	Exterior lighting fixture alterations	Where ≥ 20% of existing exterior lighting wattage is replaced; include all new and existing-to-remain luminaires in SEC exterior lighting compliance reports; indicate proposed total exterior lighting wattage does not exceed maximum allowed			
		Where < 20% of existing exterior lighting wattage is replaced; indicate total existing lighting wattage prior to alteration; include all new and existing-to-remain luminaires in SEC exterior lighting compliance reports; indicate proposed total exterior lighting wattage does not exceed total existing wattage prior to alteration			
C503.6.2	Interior lighting wiring alterations	Where new wiring is installed to serve new interior luminaires and/or luminaires are relocated to a new circuit; indicate manual and automatic lighting controls are provided (as applicable) - manual (C405.2.3); occupancy sensor (C405.2.1); light reduction (C405.2.3); daylight responsive (C405.2.4); specific application (C405.2.5);	E201		
C503.6.2	Exterior lighting wiring alterations	Where new wiring is installed to serve new exterior luminaires and/or luminaires are relocated to a new circuit; indicate automatic lighting controls are provided (C405.2.6)			
C503.6.3	Lighting panel alterations	Where a new interior and/or exterior lighting panel is installed or an existing panel is moved (all new raceway and conductor wiring), indicate all applicable lighting controls requirements apply			
C503.6.4	Newly-created rooms	Where interior space(s) is reconfigured (permanently installed walls or ceiling-height partitions) to create new enclosed spaces, indicate all applicable lighting controls requirements apply			
C505.1	Change of interior space use	Identify spaces on plans where the building area type or space use type is being changed from one type to another per Tables C405.4.2(1) or (2)			
		Indicate compliance method (building area or space-by-space); include all new and existing-to-remain luminaires in SEC interior lighting compliance reports; indicate proposed lighting wattage does not exceed maximum allowed per compliance path			
		Indicate lighting controls provided per C405.2			
ACLES					
C405.10	Controlled receptacles	Identify all controlled and uncontrolled receptacles on electrical plans in each space in which they are required; include receptacle configuration such as spacing between controlled and uncontrolled, duplex devices, etc;	E301		
		Provide schedule that lists the number of controlled and uncontrolled receptacles in each space where controlled receptacles are required - classrooms, private offices, open office areas, conference rooms, copy rooms, break rooms and modular partitions/workstations			
		Indicate on plans the method of automatic control for each controlled receptacle zone (occupant sensor or programmable time-of-day control); indicate that each zone served by a single controller does not exceed 5,000 sf;			
C405.2.5 Item 2	Switched receptacles in sleeping units	Indicate method of automatic off control of all switched receptacles in sleeping units (vacancy or key card control)			
C503.6.6	Electrical receptacle alterations	Where new receptacles are added or replaced within an alteration project that is 5,000 sf or larger, indicate new or altered receptacles are provided with automatic controls per C405.10, or exception taken			

SHEET TITLE:

STREET NO.

LIGHT FIXTURE SCHEDULE														
TAG	DESCRIPTION	MANUFACTURER	MODEL	MODEL CODE	SIZE	FINISH	LAMP SOURCE			INPUT		DIMMER/DRIVER	REMARKS	
							TYPE	CRI	TEMPERATURE	DELIVERED LUMENS	MOUNTING	WATTS	VOLTAGE	
D2	DECORATIVE LED PENDANT CONFERENCE	A EMOTIONAL LIGHT	V-LARGE	VVG4-B	41" Dia x 11.7H	BLACK (N)	LED	90 CRI	3000K	1800 LM	PENDANT	20W	PER ELEC	ELV DIMMING
D3	DECORATIVE CYLINDER LED PENDANT	GREYPANTS	ROEST 30V	ROEST-OF2021-C-STD-INT	2.375" Dia x 11.75H	CARBON	LED	80 CRI	2700K		PENDANT	12W	PER ELEC	0-10V DIMMING 1%
L100	RECESSED LED LINEAR WALL WASH MEETING ROOM	FINEELITE	HP-2	HP-2-R-WW-D-(LENGTH)-V-850-K-SW-(VOLT)-SC-FC-1%-SF-FE-(FINISH)	2 7/8" W x 4 1/4" H x 9 1/2"	WHITE	LED	90 CRI	3000K	992 LMFT	RECESSED (FLANGED)	4.9W/FT	PER ELEC	0-10V DIMMING 1%
L101	RECESSED 2X2 LED TRIFER	FINEELITE	HPR-2X2	HPR-LED-ANF-2X2-S-850-DO-96-G-(VOLT)-FC-1%-CEILING-(96L)	24" x 24"	WHITE	LED	90 CRI	3000K	3142 LMFT	RECESSED (CEILING GRID)	28.6W	PER ELEC	0-10V DIMMING 1%
L102	RECESSED LINEAR LED WALL WASH RECEPTION	FINEELITE	HP-2-R-WW-D-(LENGTH)-V-850-K-SW-(VOLT)-SC-FC-1%-VF-FE-(FINISH)	2 7/8" W x 4 1/4" H (Length Per Plan)	BLACK	LED	90 CRI	3000K	992 LMFT	SURFACE (SEE DETAIL)	4.9W/FT	PER ELEC	0-10V DIMMING 1%	
L200	RECESSED ROUND LED DOWNLIGHT LOBBY	LUCIFER	ATOMOS	A2RS-F-1-WH-WM-FD-9010D-30-50-4-SN	2 1/4" Dia x 7.75W x 5.52H x 12.75L	WHITE	LED	90 CRI	3000K	728 LM	RECESSED (FLANGED)	12W	PER ELEC	0-10V DIMMING 1%
L200a	RECESSED ROUND LED DOWNLIGHT RECEPTION	LUCIFER	ATOMOS	A2RS-F-1-BK-BK-FD-9010D-30-50-4-SN	2 1/4" Dia x 7.75W x 5.52H x 12.75L	BLACK	LED	90 CRI	3000K	728 LM	RECESSED (FLANGED)	12W	PER ELEC	0-10V DIMMING 1%
L201	TRACK MOUNTED PENDANT ROUND LED DOWNLIGHT	LIGHTING SERVICES INC	LX204B	TRACK HEAD LS1 LSX204B LSX204B-V18-28-83-MB-CT-10-(VOLT)-(FINISH)	4 1/4" Dia x 8'H	BLACK	LED	90 CRI	3000K	2016 LM	TRACK	23W	PER ELEC	0-10V DIMMING 1%
T-1	EXISTING TRACK TO BE RELOCATED LOBBY / DISCOVERY LOUNGE	LIGHTING SERVICES INC	3 SERIES	TRACK LS1 3 SERIES	1 13/16W x 1 7/16H (Length Per Plan)	BLACK	N/A	N/A	N/A	N/A	SURFACE	N/A	PER ELEC	N/A
X-R	EXIT SIGN	LITHONIA LIGHTING	EDGR	EDGR-(COLOR)-(FACE)-(LETTER COLOR)			W/GMR	LED	N/A	N/A	RECESSED (CEILING)	PER ELEC	N/A	PROVIDE MOUNT KITS PER PLAN

Keynote Legend	
Key	Value
201	LUMINAIRE CONTROLLED WITH EXISTING FIXTURES IN CORRIDOR.
202	PROVIDE UNSWITCHED HOT FOR 24-HOUR EGRESS LIGHT.
203	EXISTING LIGHTS IN THE SPACE TO REMAIN.



PROJECT ISSUANCE DATES		
DATE	DESCRIPTION	
SHEET REVISIONS		
NO.	DATE	DESCRIPTION

Seal

RELEASE TITLE / DATE
OWNER REVIEW
2025.03.26

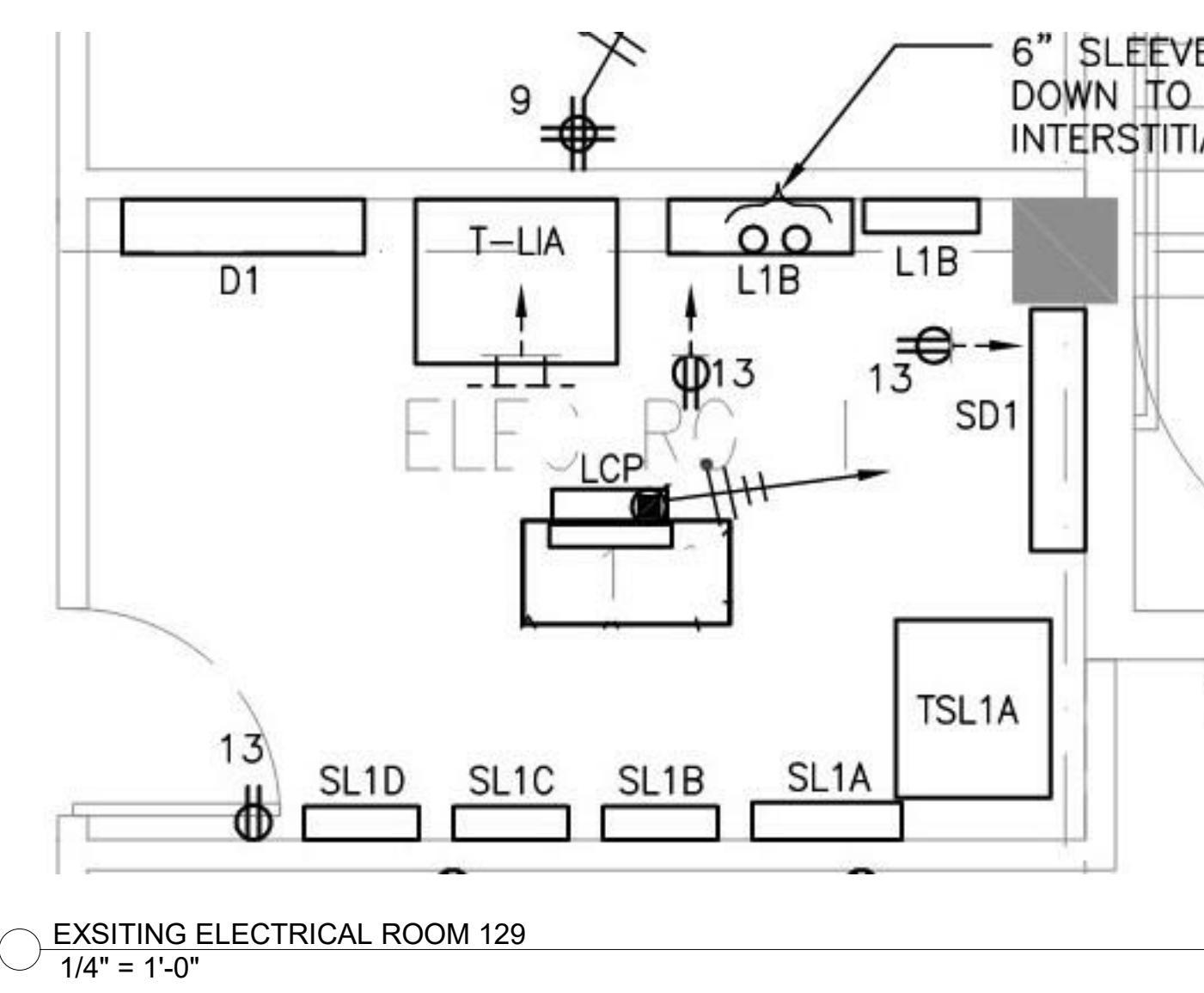
SEATTLE DC USE ONLY BELOW THIS LINE

SHEET TITLE:
LOBBY LIGHTING PLAN

SHEET NO.

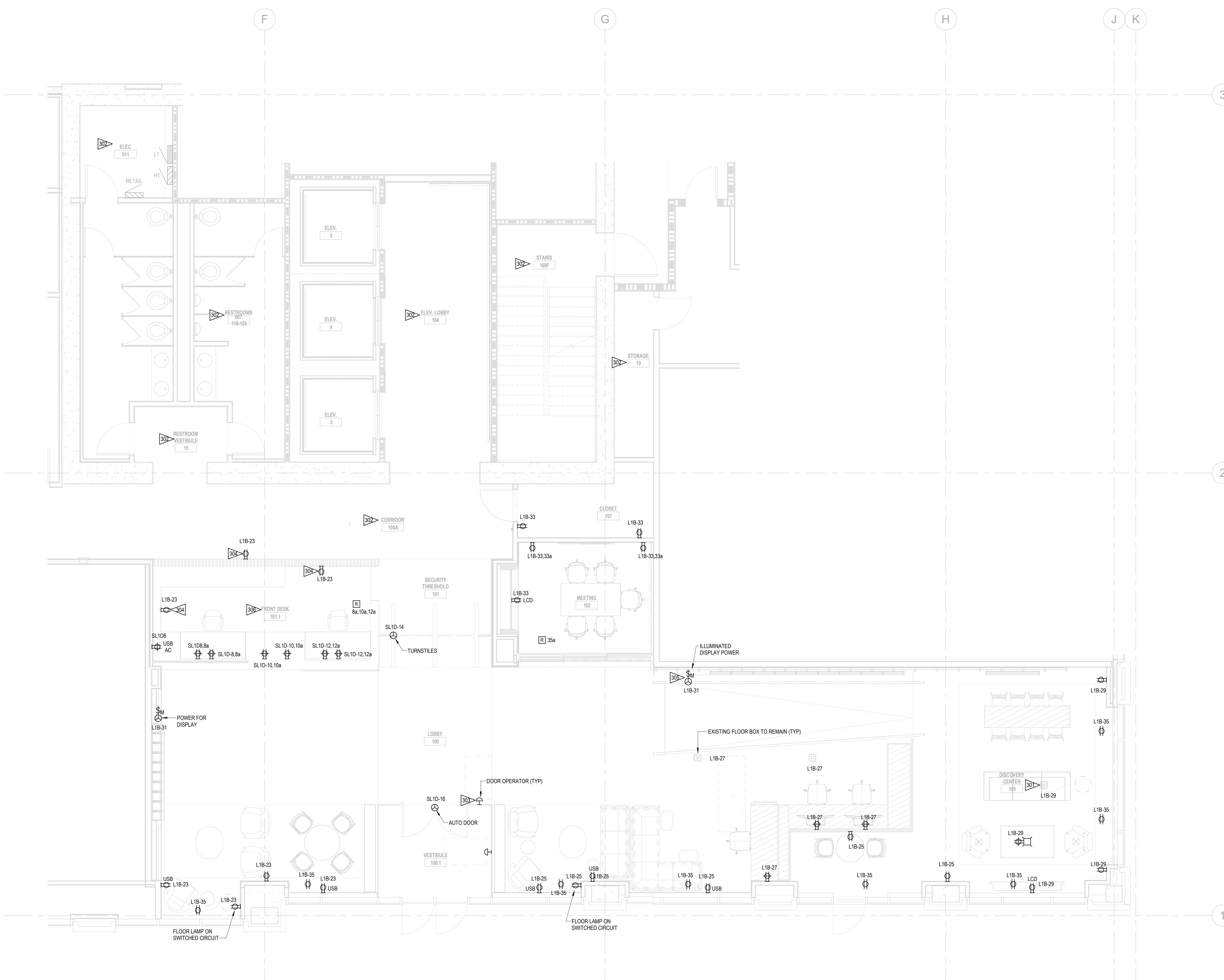
E201

This drawing is to be read in conjunction with all related drawings. Do not scale from the drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The original drawing is to be checked immediately if any discrepancy. The drawing is copyrighted and owned by the original owner.



GENERAL NOTES:

Keynote Legend	
Key Value	Keynote Text
301	FLOOR LAMP POWERED FROM EXISTING FLOOR BOX.
302	EXISTING POWER IN THE SPACE TO REMAIN, UNLESS OTHERWISE NOTED.
303	PROVIDE WIRING BETWEEN DOOR CONTROL AND CONTROL STATION. COORDINATE REQUIREMENTS WITH DOOR SHOP DRAWINGS AND LOCATION OF CONTROL STATION WITH ARCHITECT.
304	MOUNT HORIZONTALLY IN TOE KICK.
305	COORDINATE LOCATION OF 120V CONNECTION TO DRIVER AND DISCONNECT SWITCH WITH OWNER.
306	COORDINATE EXACT LOCATION OF RECEPTACLES IN SECURITY DESK WITH ARCHITECT PRIOR TO ROUGH-IN.



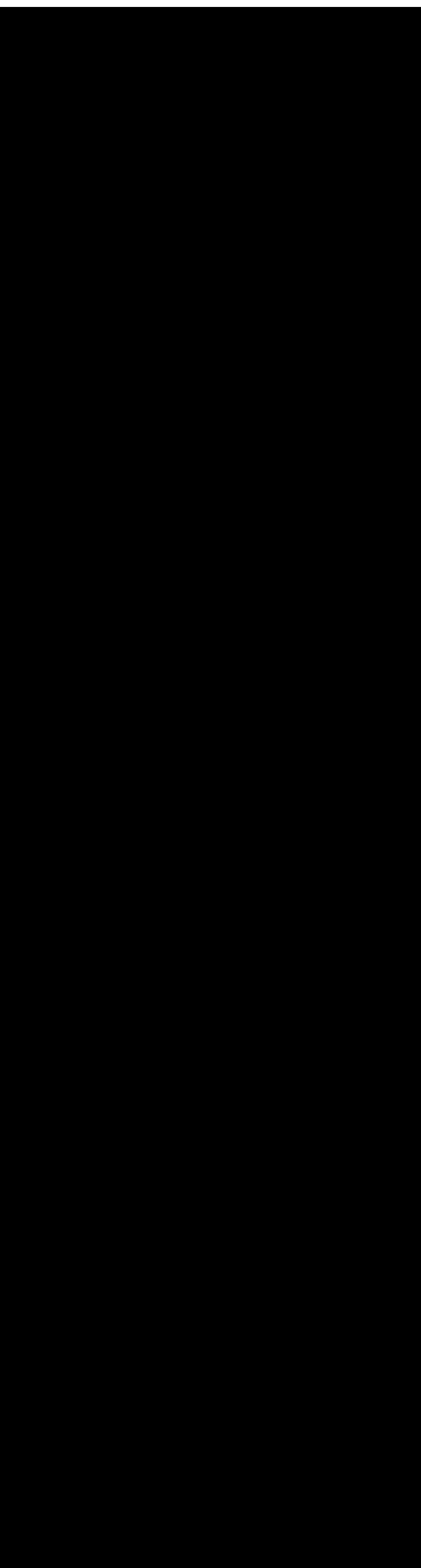
LEASE TITLE / DATE
OWNER REVIEW
2025.03.26

LOBBY POWER PLAN

HEET NO.

E301

Keynote Legend	
Key	Value
307	PROVIDE LOCKOUT HASP ON BREAKER SERVING THE UNIT HEATER



PROJECT ISSUANCE DATES

DATE

DESCRIPTION

SHEET REVISIONS		
NO.	DATE	DESCRIPTION

Seal

RELEASE TITLE / DATE
OWNER REVIEW
2025.03.26

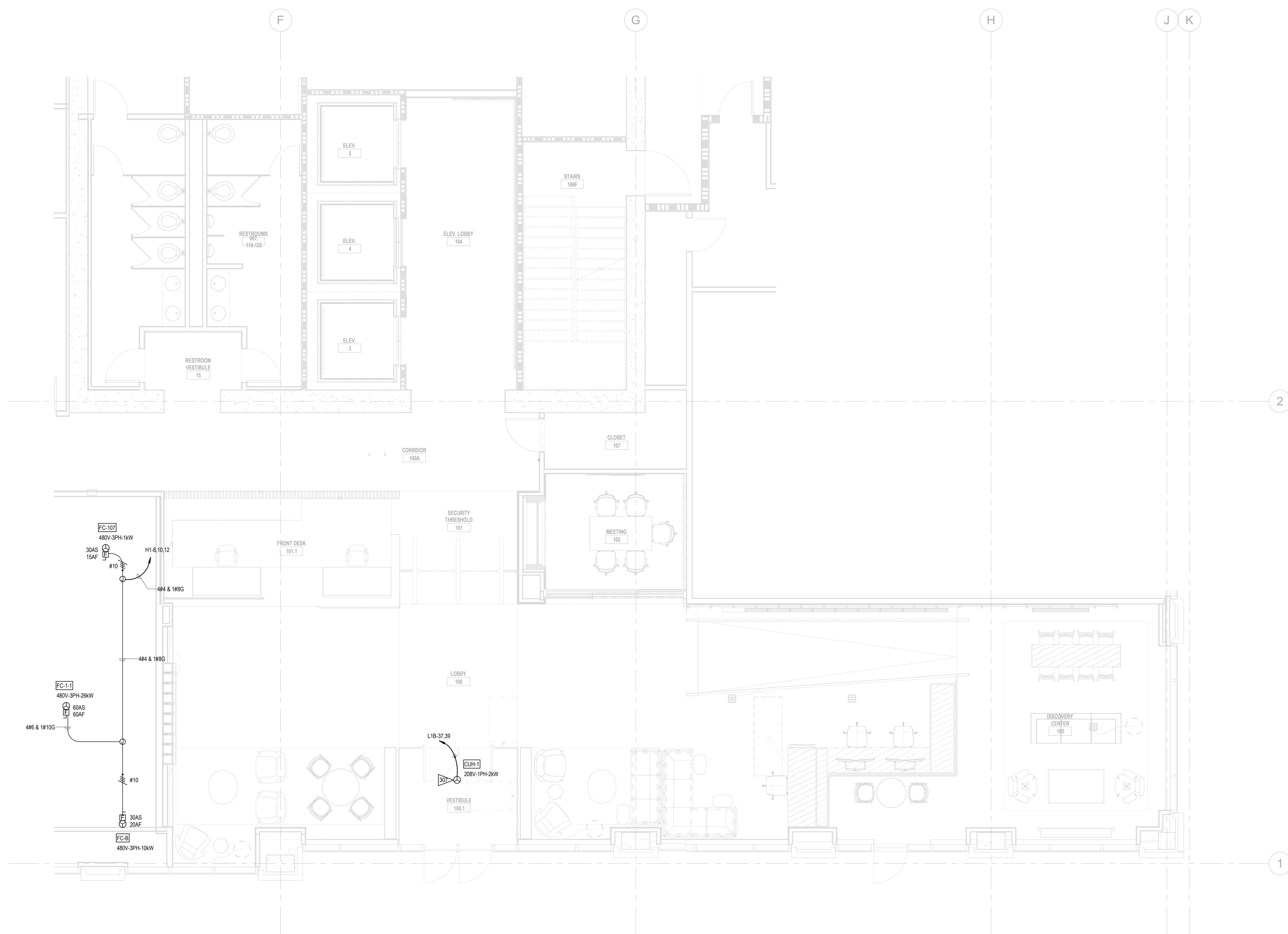
SEATTLE DO USE ONLY BELOW THIS LINE

SHEET TITLE:
**LOBBY
MECHANICAL
POWER PLAN**

SHEET NO.

E311

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The original drawing must be checked immediately if any discrepancy. This drawing is copyrighted and owned by the copyright holder.



Keynote Legend	
Key	Value
	Keynote Text

1 LOBBY SYSTEMS PLAN

1/4" = 1'-0"

E401

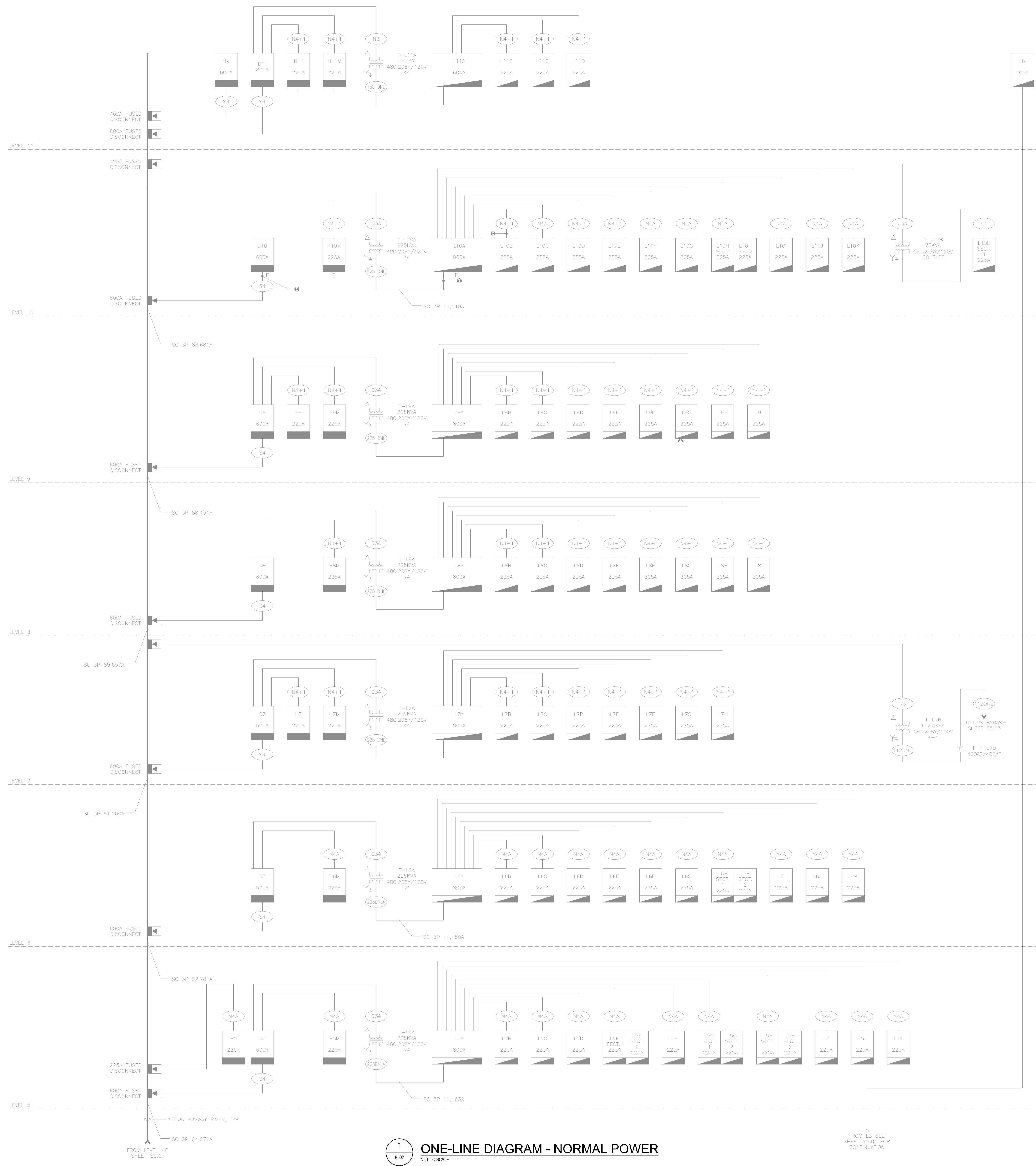
This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. Originator should be notified immediately of any discrepancy. This drawing is copyrighted and remains property of the originator.



ONE-LINE DIAGRAM - NORMAL POWER

NOT TO SCALE

LEVEL 12



PROJECT ISSUANCE DATES
DATE DESCRIPTION

SHEET REVISIONS		
NO.	DATE	DESCRIPTION

Seal

RELEASE TITLE/DATE
OWNER REVIEW
2025.03.26

SEATTLE DO NOT USE ONLY BELOW THIS LINE

SHEET TITLE:
**ONE-LINE
DIAGRAM -
NORMAL POWER**

SHEET NO.

E502

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. All dimensions must be checked and verified on site before commencing any work or producing shop drawings. The project is to be checked and verified immediately after completion. This drawing is the property of the copyright holder.

FLAG NOTES

 LOAD MODIFIED ON THIS PANEL.

SHEET TITLE:


ONE-LINE DIAGRAM - EMERGENCY & STANDBY

CLIFFET N

E503

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. Dimensions must be checked and verified on site before commencing any work or producing shop drawings. The originator should be notified immediately of any discrepancy. This drawing is copyrighted and the property of the originator.

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. Dimensions must be checked and verified on site before commencing any work or producing shop drawings. The originator should be notified immediately of any discrepancy. This drawing is copyrighted and the property of the originator.



The diagram illustrates the relationship between two types of systems: **EMERGENCY SYSTEMS** and **STANDBY SYSTEMS**. It features two large, bold, uppercase text labels at the ends of a horizontal axis. On the left is **EMERGENCY SYSTEMS** and on the right is **STANDBY SYSTEMS**. A double-headed arrow is positioned between the two labels, indicating a bidirectional relationship or comparison. Above the center of the axis is a small vertical line segment, likely representing a vertical axis or a reference point.

IS

1
E504

ONE-LINE DIAGRAM - EMERGENCY & STANDBY

NOT TO SCALE

FOR REFERENCE ONLY

SHEET TITLE:

ONE-LINE DIAGRAM - EMERGENCY & STANDBY

SHEET NO.

E504

This drawing is to be read in conjunction with all related drawings. Do not scale from this drawing. Dimensions must be checked and verified on site before commencing any work or producing shop drawings.

The originator should be notified immediately of any discrepancy. This drawing is copyrighted and property of the originator.

