

PROJECT DATA

- SCOPE OF WORK**
Tenant improvement of existing space. Addition of patio within existing footprint of building. Reduction of enclosed square footage. Change in use from B to A2. Existing basement and second floor to remain in existing condition.
- BUILDING CODES ENFORCED**
2018 INTERNATIONAL BUILDING CODES
2017 NATIONAL ELECTRICAL CODE
2009 ICC/ANSI A117.1 STANDARD FOR ACCESSIBLE & USABLE BUILDINGS & FACILITIES
- WORK CLASSIFICATION** (Per IBC chapter 6)
Level 2 Alteration
- BUILDING CLASSIFICATION** (Per IBC section 602.1)
4.1 CONSTRUCTION TYPE V-B Construction - NFPA 13 Automatic Sprinkler System Added Throughout
- OCCUPANCY CLASSIFICATION** (Per IBC section 302.1)
5.1 OCCUPANCY GROUPS
A-2 - Restaurant

6. BUILDING AREA/OCCUPANCY

6.1 AREA
Floor area includes the entire area "within the surrounding exterior walls."

BASEMENT =	5,851 sf
LEVEL 1 =	5,251 sf
LEVEL 2 =	3,023 sf
TOTAL SQUARE FOOTAGE =	14,125 sf

- OCCUPANT LOAD**

7.1 OCCUPANT LOAD / EGRESS REQUIREMENTS (Per IBC table 1004.5)

FUNCTION	AREA	LOAD FACTOR	OCC. LOAD	EGRESS REQ'D	EGRESS PROV'D
BASEMENT					
Storage (A-2)	3,393 sf	300 gross	12	1	2
Mech. (A-2)	2,115 sf	300 gross	8	1	2
BASEMENT OCCUPANT LOAD			20		
FIRST FLOOR					
Dining (A-2)	1,908 sf	15 net	128	2	2
Kitchen (A-2)	2,172 sf	200 gross	11	1	1
FIRST FLOOR OCCUPANT LOAD			139		
PATIO					
Patio (A-2)	536 sf	15 net	36	1	2
PATIO OCCUPANT LOAD			36		
SECOND FLOOR					
Dining (A-2)	677 sf	15 net	46	1	1
Storage (A-2)	1,302 sf	300 gross	5	1	2
Mech. (A-2)	746 sf	300 gross	3	1	2
SECOND FLOOR OCCUPANT LOAD			54		
TOTAL OCCUPANT LOAD			249		

8. **ALLOWABLE HEIGHT/AREA** (Per IBC tables 504.3 & 504.4)

8.1 HEIGHT - Building Stories

USE	CONST. TYPE	ALLOWABLE HEIGHT	ACTUAL HEIGHT	ALLOWABLE STORIES	ACTUAL STORIES
A-2	VB	60'	24'	2	2

Building height for most restrictive occupancy per IBC table 504.4 = 2 stories

8.2 FLOOR AREA CALCULATIONS (Per IBC table 506.2)

OCCUPANCY	GROUP A-2
TABULAR AREA - A _t for SM (table 506.2)	18,000
TABULAR AREA - N _s (table 506.2)	6,000
FRONTAGE INCREASE (Equation 5-5)	
$l_i = (101/250 - 0.25) \times 30/30 = 0.15$	
$(N_s \times l_i) = N_s \times 0.15 = 900$	
ALLOWABLE AREA (Equation 5-3)	24,900
$A_a - A_t = (N_s \times l_i) = 900$	

The actual building height (2 stories) is equal to the allowable height (2 stories).
The actual first floor area (5,251 s.f.) is less than allowable floor area (24,900 s.f.).

- BUILDING FIRE RESISTANCE**

9.1 RATINGS AT STRUCTURAL / BUILDING ELEMENTS (Per IBC table 601)

BUILDING ELEMENT	FIRE RESISTIVE RATING
STRUCTURAL FRAME	0-HOURS
BEARING WALLS	0-HOURS
EXT. NON-BEARING WALLS (NB)	See section 9.2 for specific ratings
INTERIOR PARTITIONS (IB)	0-HOURS
FLOORS & FLOORS/CEILINGS	0-HOURS
ROOFS & ROOFS/CEILINGS	0-HOURS
SHAFT ENCLOSURES	0-HOURS

- EXTERIOR WALL PROTECTION AND OPENINGS** (Per table 602 and section 705.8)

WALL LOCATION	FIRE SEPARATION DISTANCE	EXTERIOR WALL (Table 602)	WALL OPENINGS UNPROTECTED (Table 705.8)
NORTH	0'	1-HOURS	NOT PERMITTED
EAST	>30'	0-HOURS	NO LIMIT
SOUTH	0'	1-HOURS	NOT PERMITTED
WEST	>30'	0-HOURS	NO LIMIT

- EXIT SEPARATION** (Per IBC 1007.1.1 - Exception 2)

BASEMENT
MINIMUM DISTANCE REQ'D = $128\text{'-}7\text{'}/3 = 42\text{'-}10\text{'}$
ACTUAL SEPARATION DISTANCE = $68\text{'-}2\text{'}$ > 42'-10"

FIRST FLOOR
MINIMUM DISTANCE REQ'D = $124\text{'-}8\text{'}/3 = 41\text{'-}7\text{'}$
ACTUAL SEPARATION DISTANCE = $44\text{'-}11\text{'}$ > 41'-7"

- MISCELLANEOUS REQUIREMENTS**

- 75 FT (WITH SPRINKLER SYSTEM)
- MAX TRAVEL DISTANCE: (TABLE 1017.2) 250 FT (WITH SPRINKLER SYSTEM)
- ACCESSIBLE ROUTE TO PUBLIC WAY: 1:20 MAX SLOPE W/ 1:50 MAX CROSS SLOPE

- ACCESSIBILITY**

10.1 ACCESSIBILITY - All primary functions are fully accessible at first level per IBC chapter 11. Sloped approach added at entry to make front entrance accessible.
10.2 NON-ACCESSIBLE AREAS - Second floor is not required to be accessible per IBC Section 1104.4 (exception 1). Area Calculated for public areas only. Basement & Storage / Mechanical at second floor are not open to the public.

LEVEL	NON-ACCESSIBLE AREA	REFER
BASEMENT	0 sf	1/A0.1
FIRST FLOOR	0 sf	2/A0.1
SECOND FLOOR	677 sf	3/A0.1
TOTAL AREA	677 sf	

- ENERGY COMPLIANCE**

- 11.1 CLIMATE ZONE: (per table C301.1) BOULDER COUNTY = 5A
- 11.2 OPAQUE THERMAL ENVELOPE REQUIREMENTS: (per table C402.1.3)
ROOF: INSULATION COMPLETELY ABOVE = R-30g
ROOF: ATTIC AND OTHER = R-38
WALLS ABOVE GRADE: METAL FRAMED AND OTHER = R-13 = 13ci
WALLS ABOVE GRADE: WOOD FRAMED = R-13 = 5.8 ci OR R-20
SLAB-ON-GRADE FLOORS: UNHEATED SLAB = R-10 FOR 24" BELOW
OPAQUE DOORS: SWINGING = U-0.61
OVERHEAD DOORS = 14% GLAZED U-0.31
- 11.3 BUILDING ENVELOPE REQUIREMENTS: FENESTRATION (per table C402.3)
VERTICAL FENESTRATION:
FIXED FENESTRATION = U-0.38
OPERABLE FENESTRATION = U-0.45
ENTRANCE DOORS = U-0.77
SHGC = 0.38

PROJECT DATA

- PLUMBING REQUIREMENTS**

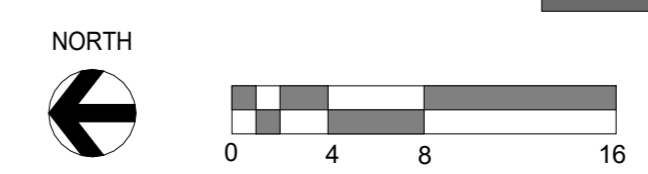
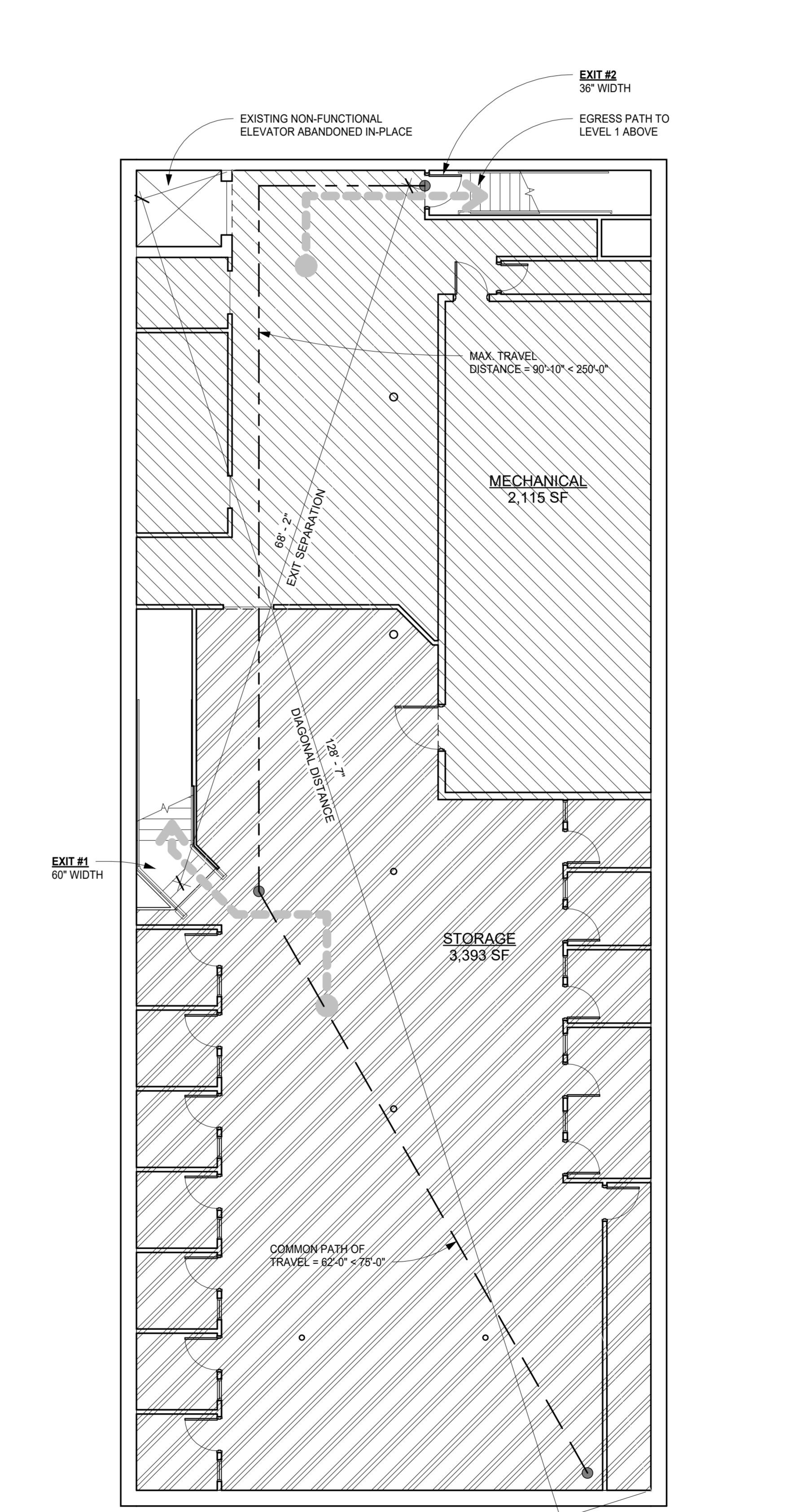
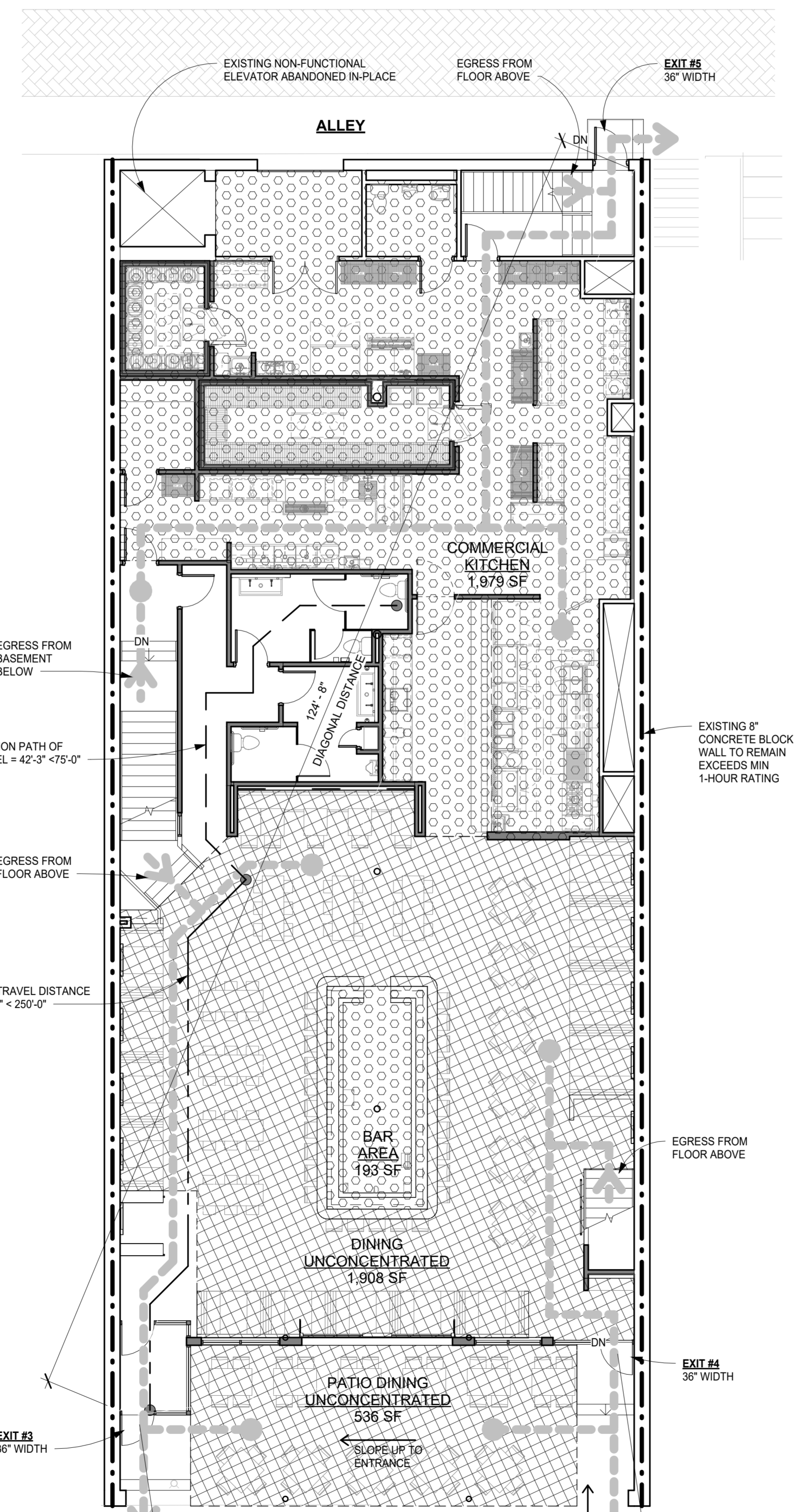
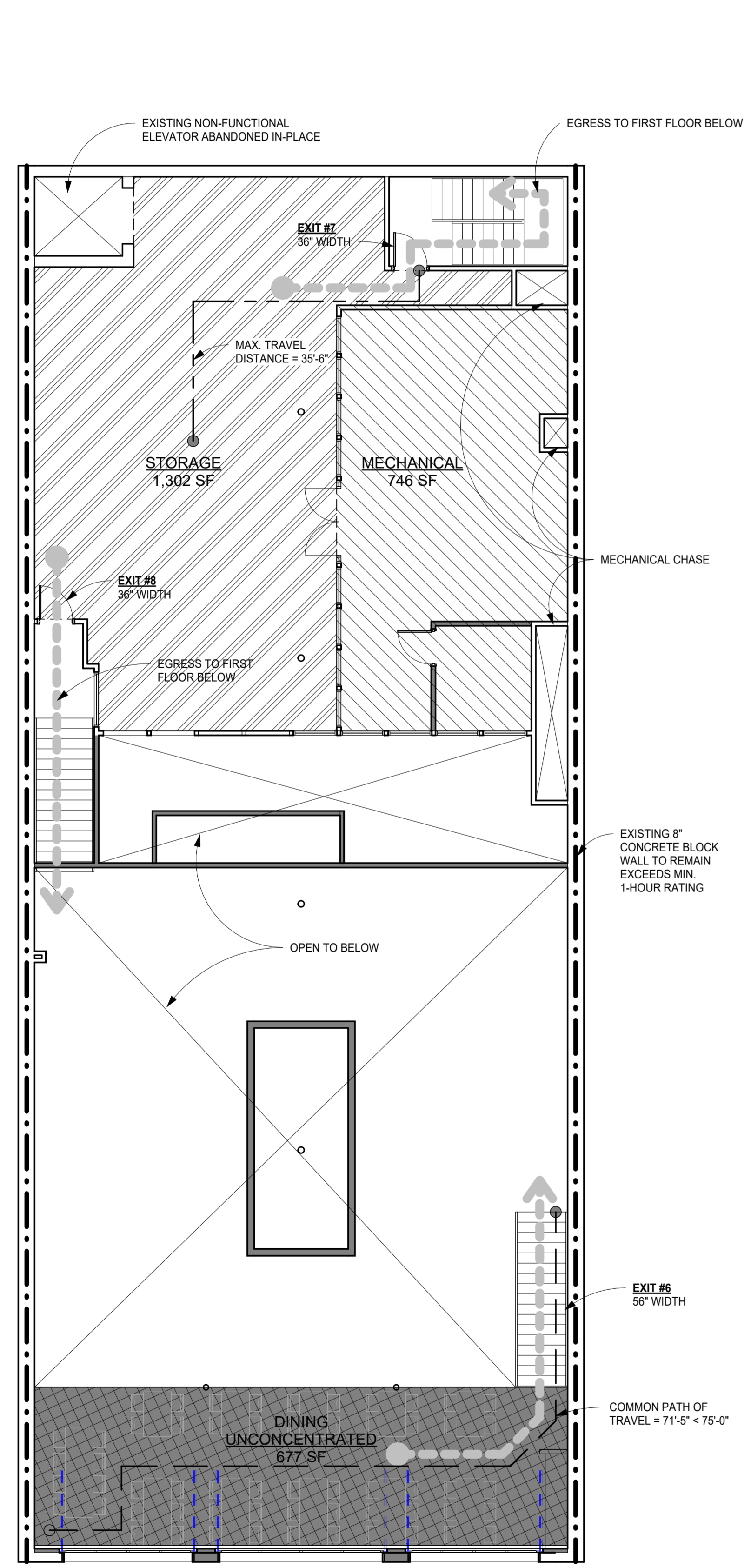
12.1 OCCUPANT LOAD - Per code Analysis, Section 7.1 = 249 Occupants
12.2 PLUMBING REQUIREMENTS (IBC table 2902.2)

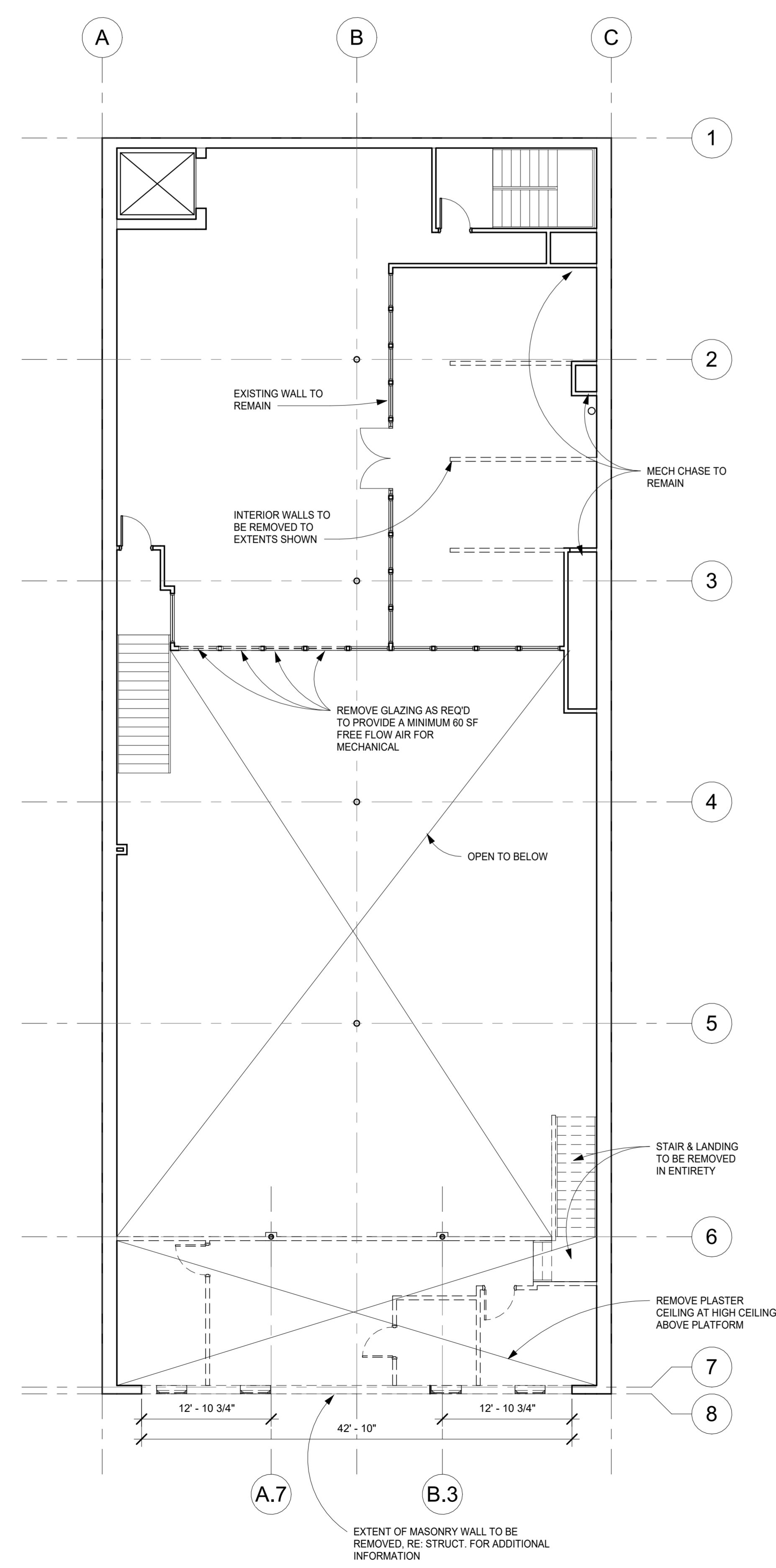
GENDER	WATER CLOSETS (per 75)	LAVATORIES (per 200)	URINALS	SERVICE SINK
REQUIRED				
MALE	2	1	-	1
FEMALE	2	1	-	-
PROVIDED				
MALE	1	2	1	-
FEMALE	2	2	-	1
UNI-SEX	1	1	1	-

*Urinal substitution allowed per IPC, section 419.2

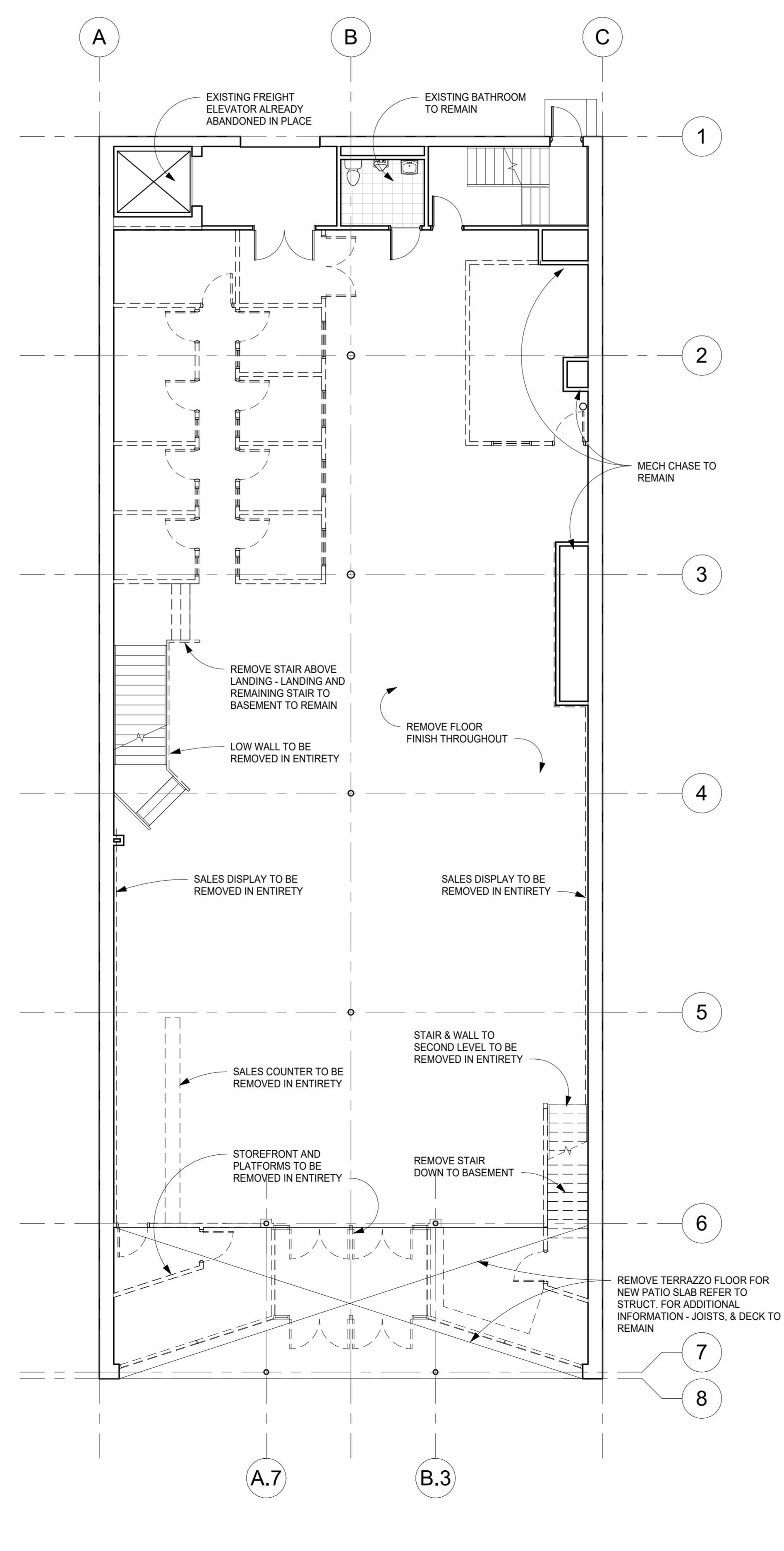
CODE PLAN LEGEND

	UNCONCENTRATED (TABLES & CHAIRS)
	COMMERCIAL KITCHEN SPACE
	STORAGE SPACE
	MECHANICAL SPACE
	NON-ACCESSIBLE AREA (OPEN TO PUBLIC)
	MAX PATH OF TRAVEL
	COMMON PATH OF TRAVEL
	EGRESS PATH
	1-HOUR RATED WALL

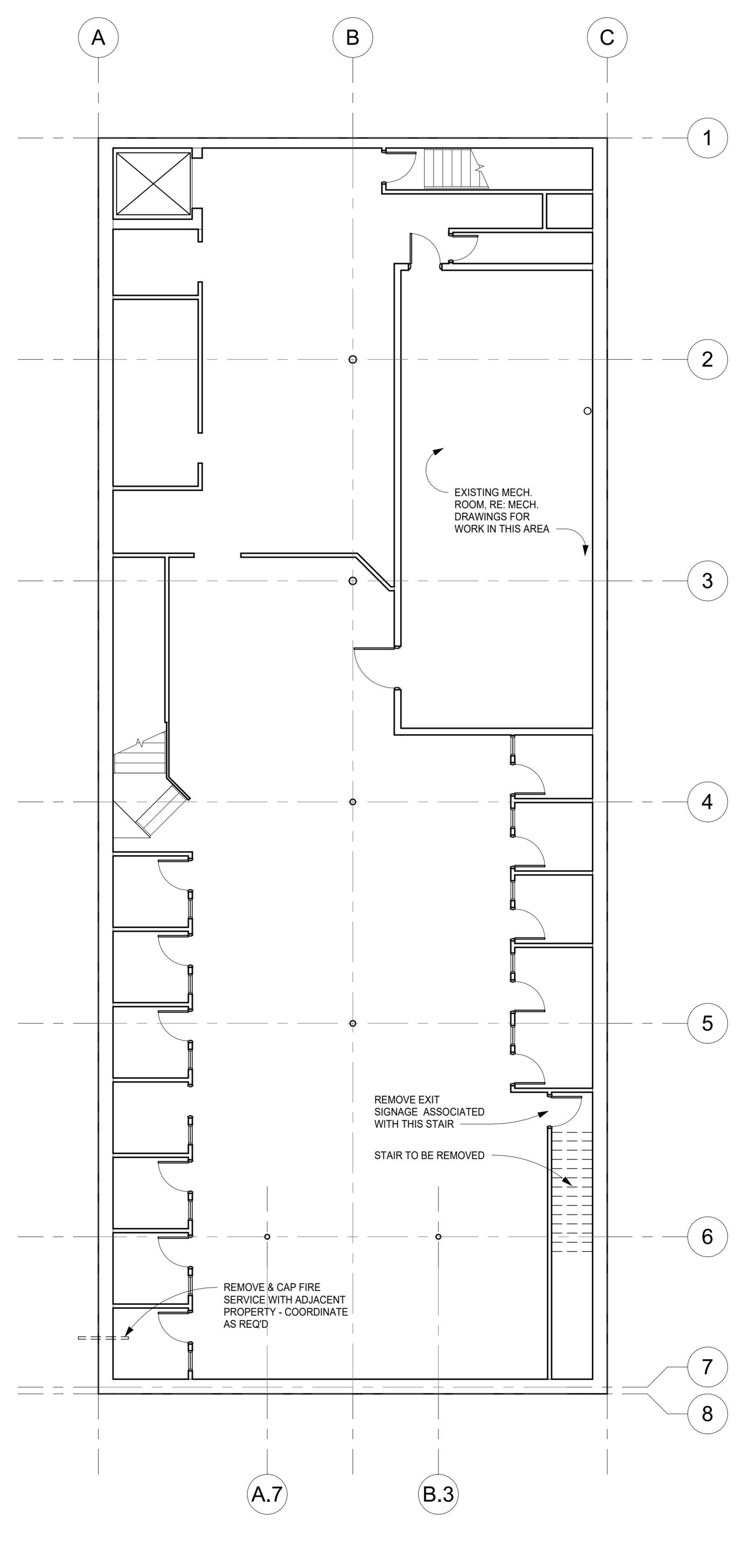




3 LEVEL 2 DEMOLITION PLAN
 A2.0 1/8" = 1'-0"



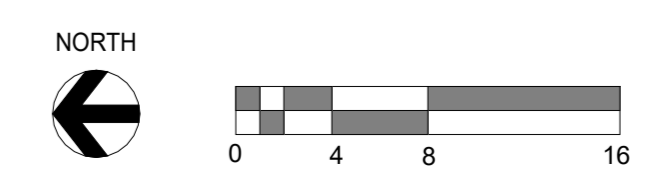
1 LEVEL 1 DEMOLITION PLAN
 A2.0 1/8" = 1'-0"



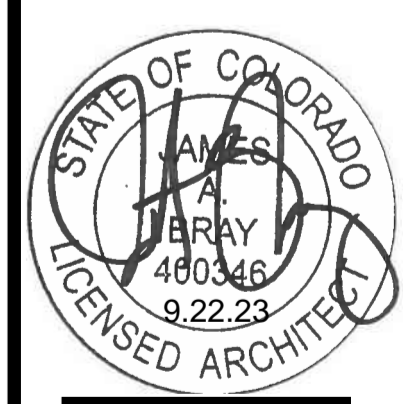
2 BASEMENT DEMOLITION PLAN
 A2.0 1/8" = 1'-0"

DEMOLITION LEGEND	
	EXISTING TO REMAIN
	PARTITION OR ITEM TO BE REMOVED

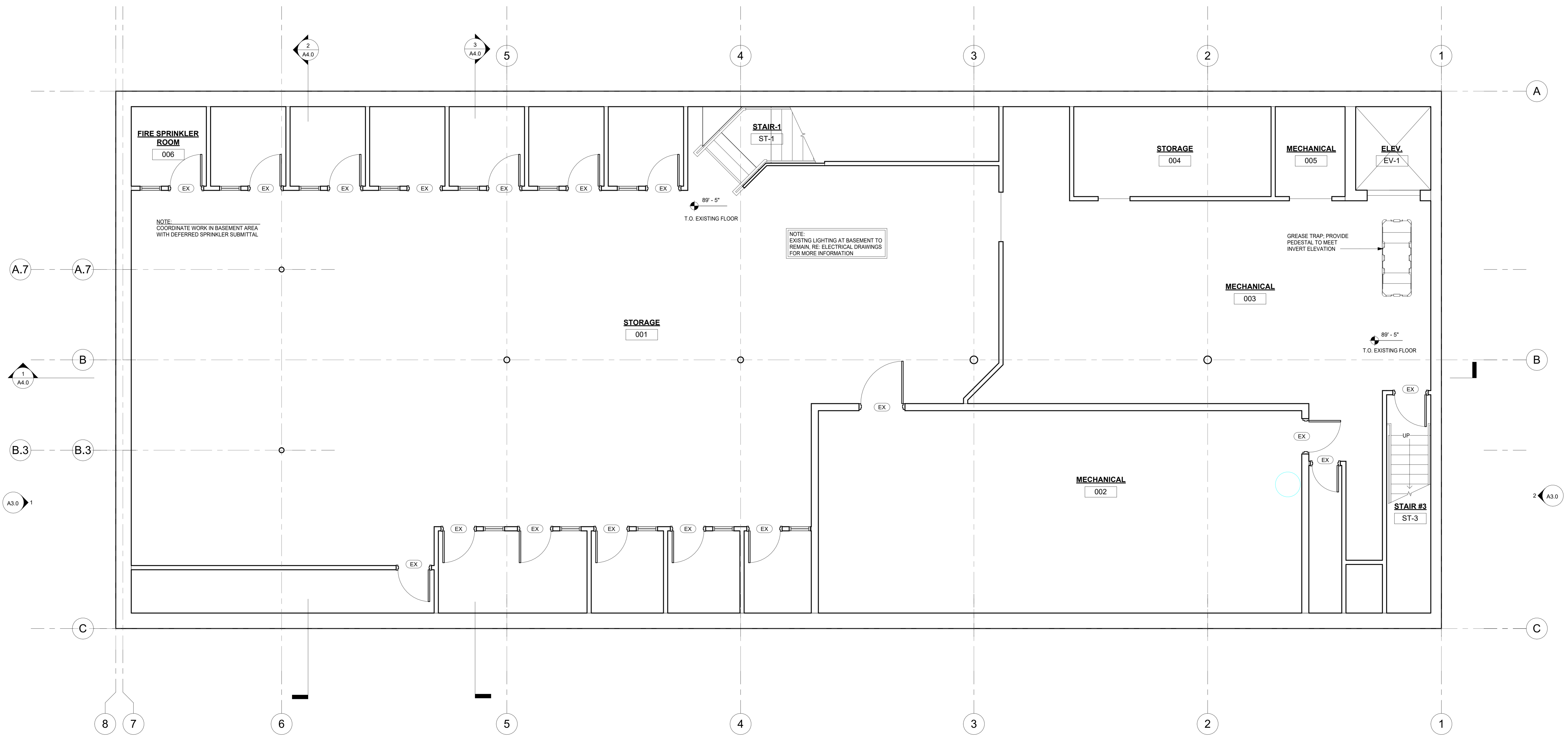
DEMOLITION NOTES	
1.	ALL REMOVAL OR RELOCATION OF EXISTING WATER, SEWER, GAS, ELECTRICAL, AND OTHER UTILITY LINES SHALL BE COORDINATED WITH MECHANICAL, ELECTRICAL, AND PLUMBING CONTRACTORS' ENGINEERS, AND WITH LOCAL UTILITY SERVICES.
2.	EXECUTE ALL CUTTING, REMOVAL AND DEMOLITION BY METHODS THAT WILL PREVENT DAMAGE TO ADJACENT REMAINING CONSTRUCTION AND UTILITIES.
3.	NOTIFY THE STRUCTURAL ENGINEER IN ADVANCED OF EXECUTING ANY CUTTING, REMOVAL OR DEMOLITION WHICH AFFECTS THE STRUCTURAL COMPONENTS OF THE BUILDING.
4.	REMOVE ALL EXISTING EQUIPMENT, FINISHES, MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT NOT INDICATED TO BE RE-USED.
5.	COORDINATE BARRICADE AND SEQUENCE PLANS WITH OWNER REPRESENTATIVE.
6.	PROTECT ALL FINISHES TO REMAIN FROM ANY DAMAGE OR WEATHER DURING DEMOLITION.
7.	KEEP SIGHT FREE OF WASTE AND CONSTRUCTION DEBRIS THROUGHOUT DEMOLITION/CONSTRUCTION.
8.	ASBESTOS TESTING AND ABATEMENT BY OTHERS. COORDINATE WITH BUILDING OWNER AND TENANT PER ASBESTOS REPORT SEI23-P017 BY SUNRISE ENVIRONMENTAL, INC.
9.	COORDINATE WITH STRUCTURAL, PLUMBING, MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.



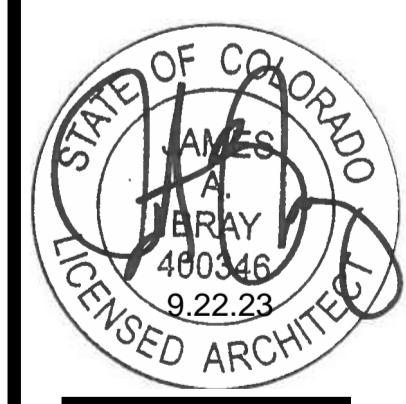
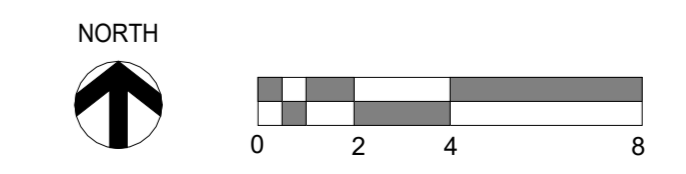
TEOCALI CUCINA
 460 MAIN STREET
 LONGMONT, COLORADO



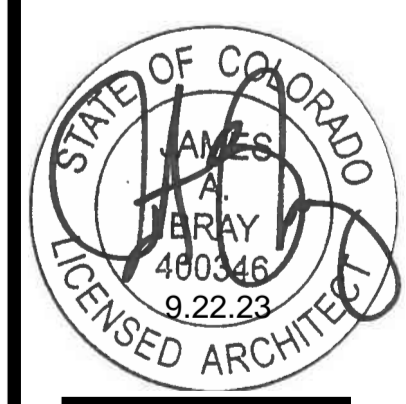
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 DEMOLITION PLANS
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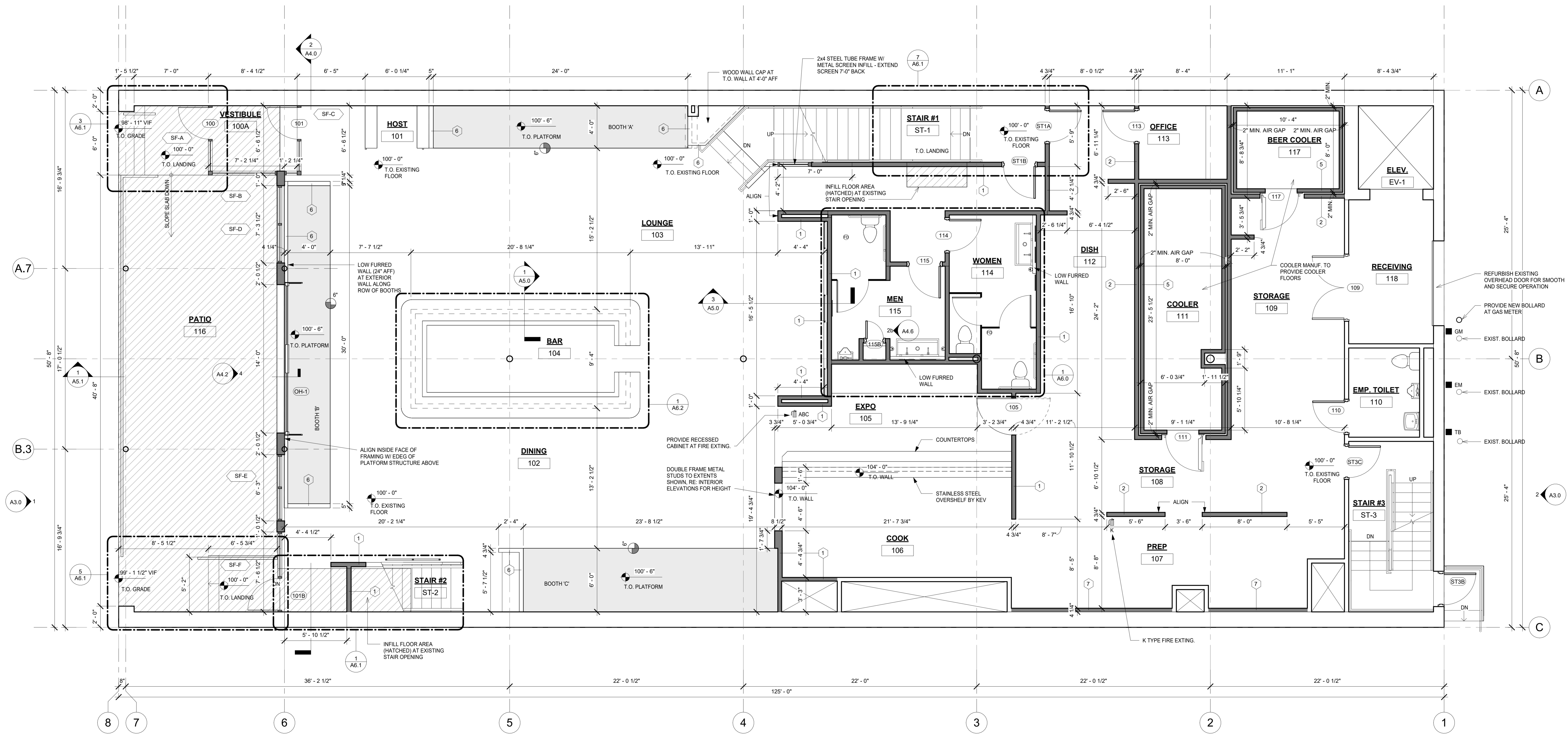
1 BASEMENT FLOOR PLAN
A2.1 1/4" = 1'-0"



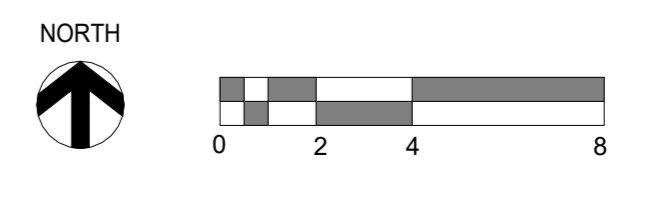
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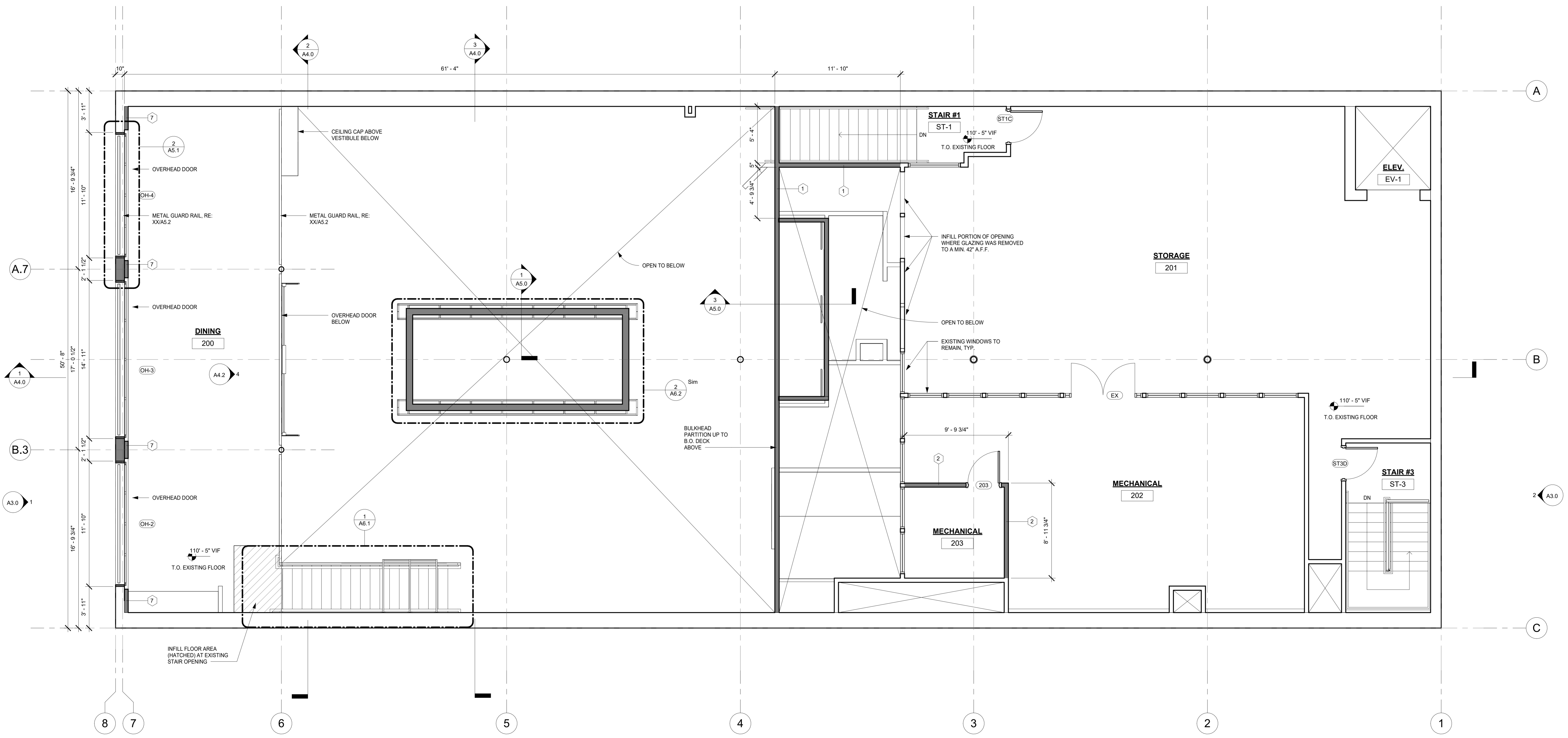


WALL/ PARTITION NOTES	WALL/ PARTITION TYPES	PLAN LEGEND
<ol style="list-style-type: none"> ALL DIMENSIONS ARE TO FINISH FACE OF SHEATHING AND DO NOT INCLUDE THE THICKNESS OF TILE, FRP, OR OTHER FINISH MATERIALS. ALL DIMENSIONS TO MASONRY WALLS ARE TO FACE OF BRICK OR BLOCK. UNLESS NOTED OTHERWISE, ALL WALL TYPES TO RECEIVE ONE LAYER OF 5/8" GYP. BD. SHEATHING AT EACH SIDE. IF WALL CONSTRUCTION CREATES A CONCEALED SPACE, WALL SHEATHING MAY BE OMITTED FROM INSIDE THE CONCEALED AREA, UNLESS NOTED OTHERWISE. BOTTOM 12" OF SHEATHING TO BE 1/2" CEMENT BOARD AND PLYWOOD FOR REMAINING HEIGHT OF WALLS AT THE FOLLOWING ROOMS: (BAR 104, DRY STORAGE 108 / 109, EXPO 105, COOK 106, PREP 107, OFFICE 113, DISH 112). 1/2" MOLD RESISTANT GYP. BD. AT ALL WALLS BEHIND WALK-IN COOLERS (COOLER 111 & FREEZER 110). 	<ol style="list-style-type: none"> 1/2" CEMENT BOARD FROM FLOOR TO CEILING BEHIND HOODS, DISHWASHER & 3-COMPARTMENT SINK. EXTEND CEMENT BOARD MIN. 18" PAST HOODS ON EACH SIDE. 1/2" CEMENT BOARD SHEATHING AT TILE (EXPO 105). PROVIDE SOUND BATT INSULATION IN WALLS SURROUNDING BATHROOMS & OFFICE. REFERENCE K DRAWINGS FOR ANY ADDITIONAL BACKING REQUIREMENTS. 	<p>FULL HEIGHT PARTITIONS</p> <p>PARTIAL HEIGHT PARTITIONS</p> <p>COOLER WALL</p> <p>EXISTING FULL HEIGHT WALLS</p> <p>WINDOW TAG - REFER TO WINDOW SCHEDULE</p> <p>DOOR TAG - REFER TO DOOR SCHEDULE</p> <p>F.E.C.</p> <p>(ABC)</p> <p>FIRE EXTINGUISHER (TYPE IN PARENTHESIS) COORDINATE FINAL LOCATION WITH FIRE MARSHAL</p>
	<ol style="list-style-type: none"> FULL HEIGHT PARTITION FROM FLOOR TO DECK. 3 5/8" STEEL STUDS AT 16" O.C. BRACE TO ADJACENT DECK AS REQUIRED. FULL HEIGHT PARTITION FROM FLOOR TO 6" ABOVE CEILING. 3 5/8" STEEL STUDS AT 16" O.C. BRACE TO ADJACENT DECK AS REQUIRED. FULL HEIGHT PARTITION FROM FLOOR TO DECK. 6" STEEL STUDS AT 16" O.C. BRACE TO ADJACENT DECK AS REQUIRED. FULL HEIGHT PARTITION FROM FLOOR TO 6" ABOVE CEILING. 6" STEEL STUDS AT 16" O.C. BRACE TO ADJACENT DECK AS REQUIRED. SUSPENDED BULKHEAD TO DECK. 6" STEEL STUDS AT 16" O.C. BRACE TO ADJACENT DECK. PREFABRICATED COOLER WALL BY MFR. G.C. TO COORDINATE CLOSURE PANELS ADJACENT WALLS AND SEALANT AT FLOOR PERIMETER. LOW HEIGHT PARTITION, MIN. 26 GA. 3 5/8" STEEL STUDS AT 16" O.C. AS REQUIRED FOR VARYING WALL WIDTHS. RE. FLOOR PLANS & MILLWORK DRAWINGS FOR HEIGHTS, WIDTHS, AND FINISHES. FULL HEIGHT FURRING WALL FROM FLOOR TO DECK, 3 5/8" STEEL STUDS AT 16" O.C. <p>NOTE: THESE ARE ALL GENERAL WALL ASSEMBLIES NOTED ON THE PLAN REFER TO WALL PARTITION NOTES BELOW FOR SPECIAL CONSIDERATIONS IN SPECIFIC ROOMS, OR AREAS OF THE PLAN.</p>	

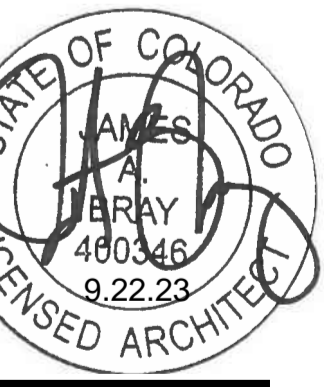
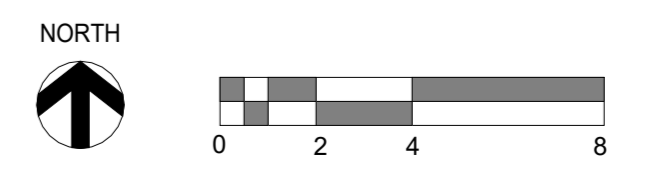


1 LEVEL 1 FLOOR PLAN
A2.2 1/4" = 1'-0"

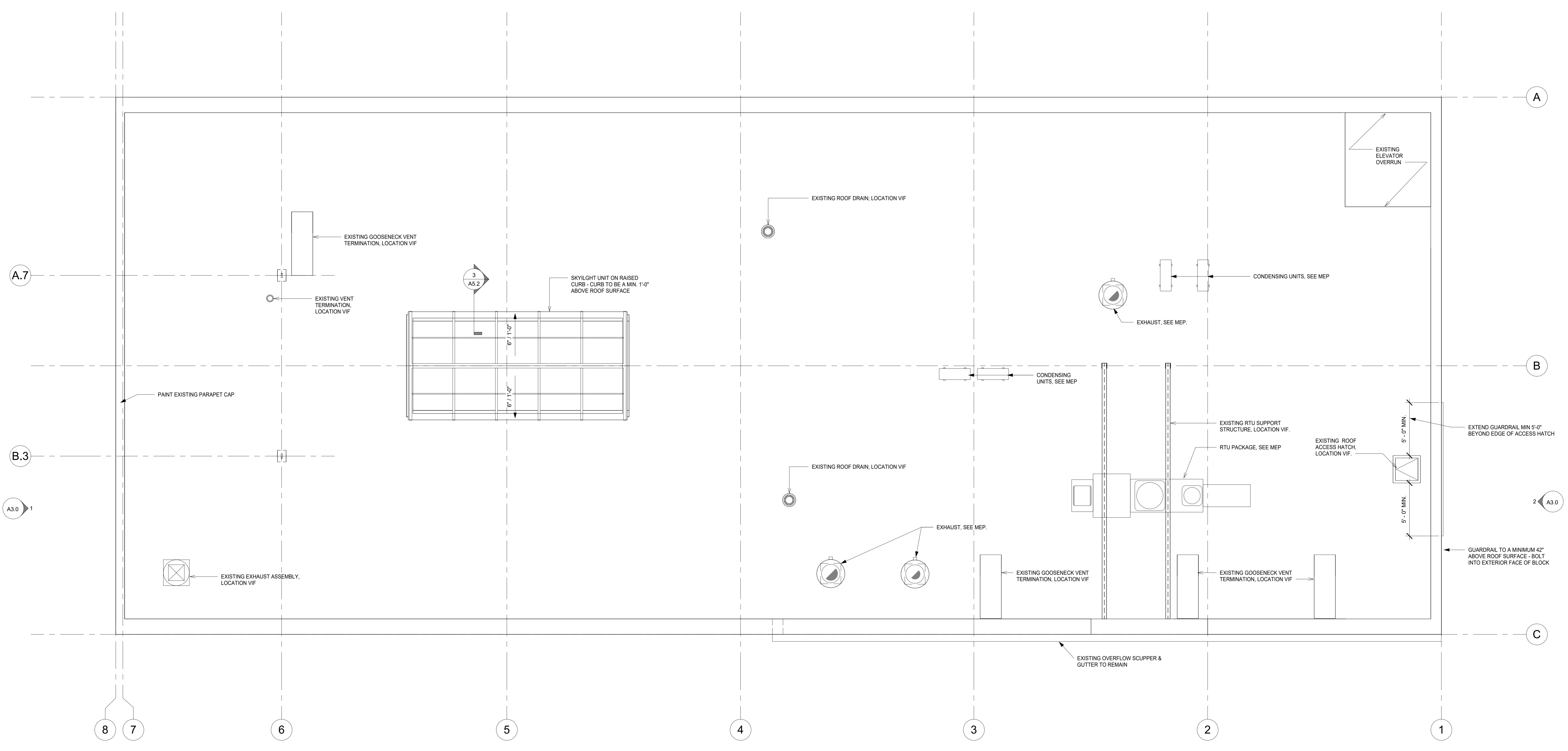




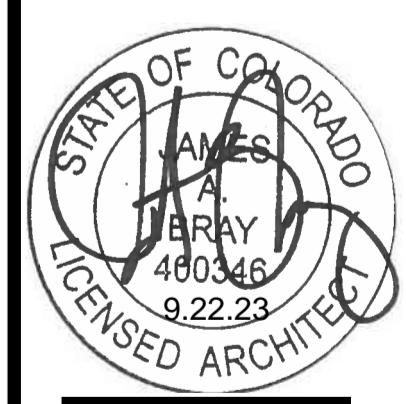
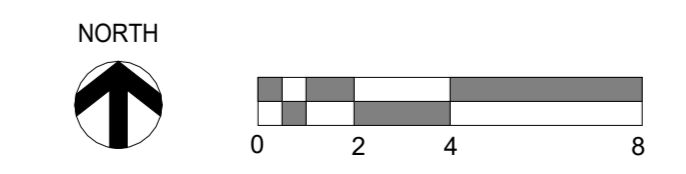
1 LEVEL 2 FLOOR PLAN
A2.3 1/4" = 1'-0"



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1 ROOF PLAN
A2.4 1/4" = 1'-0"



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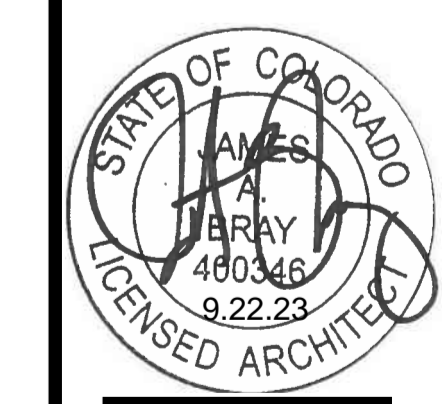
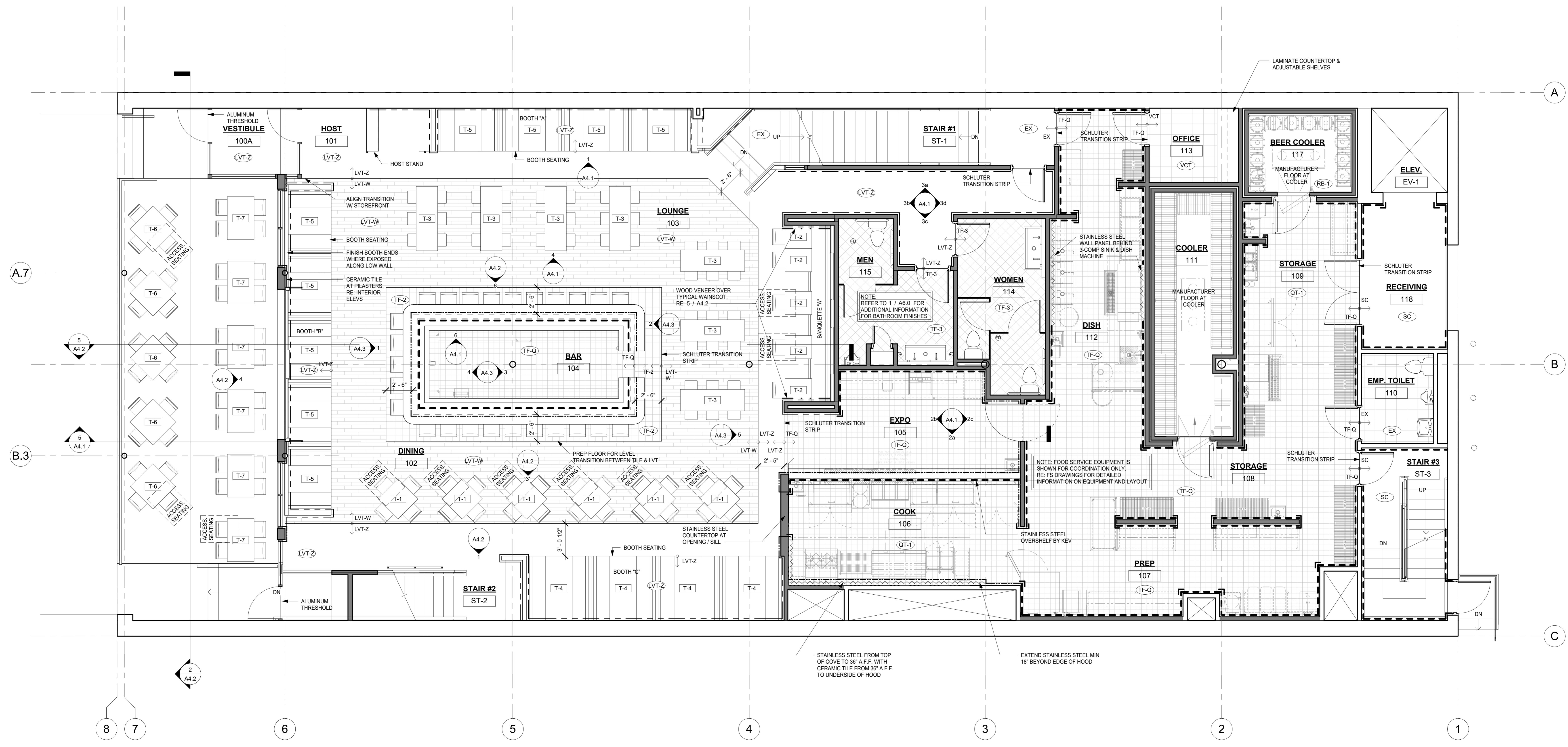
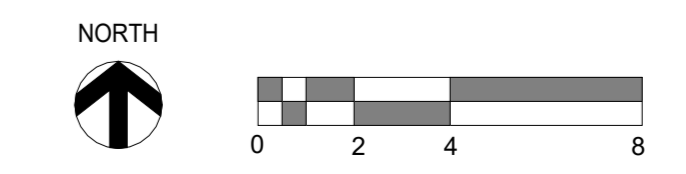
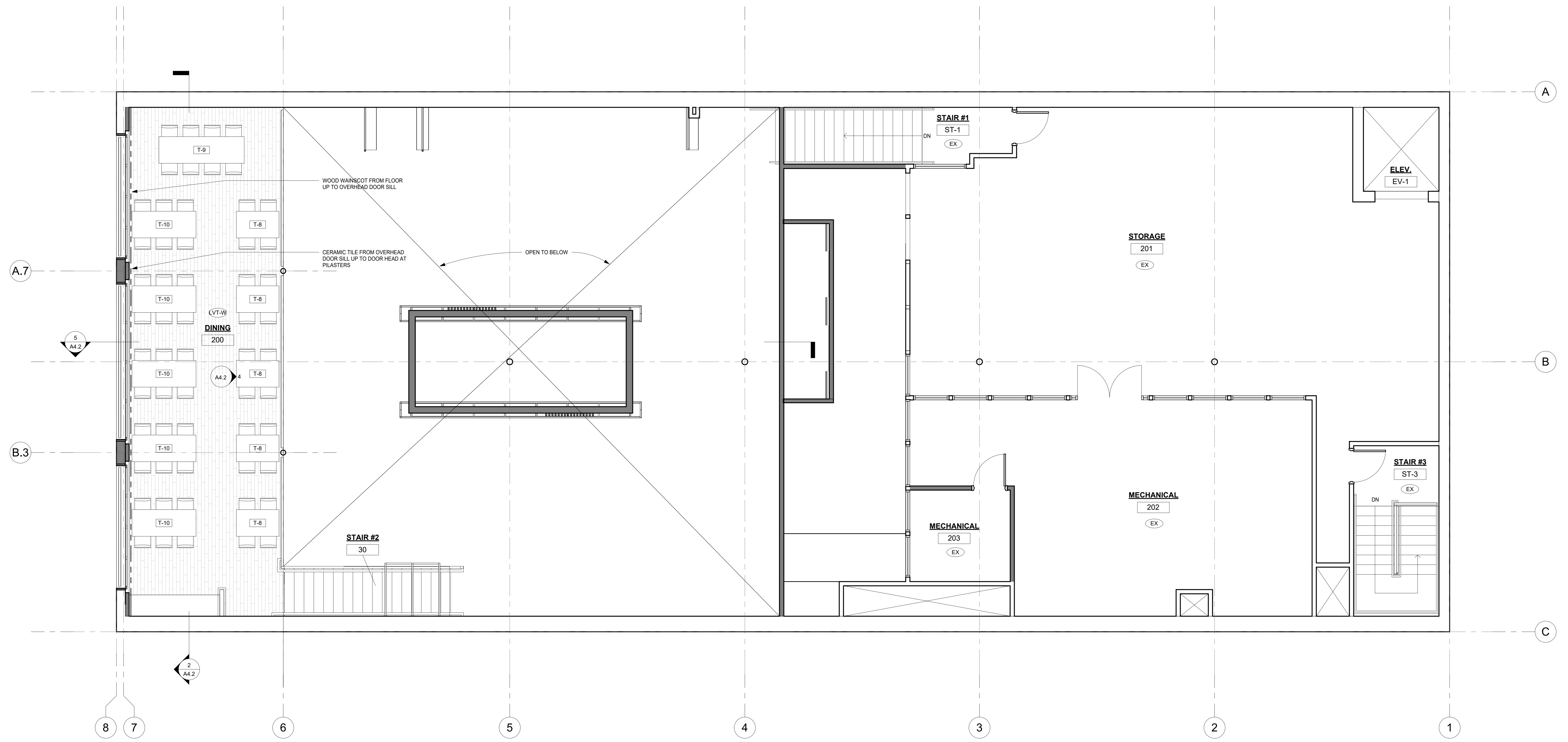


TABLE & SEATING LEGEND					SEATING SUMMARY			WALL FINISH NOTES	FLOOR FINISH KEY		WALL FINISH LEGEND		
TABLE	DESCRIPTION	HEIGHT	QUANTITY	BASE	SEATS	TYPE	TABLES	SEATS	1. INTERIOR WALL AND CEILING FINISHES TO HAVE A FLAME SPREAD INDEX NOT GREATER THAN CLASS C AT ROOMS AND ENCLOSURES AND CLASS B AT CORRIDORS PER IBC (2018) TABLE 903.1.3 2. INTERIOR FLOOR FINISHES AND FLOOR COVERING MATERIALS SHALL NOT BE LESS THAN CLASS II PER IBC (2018) SECTION 904.4.2. 3. COOLER WALLS TO HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 75 AND A SMOKE-DEVELOPMENT INDEX OF NOT MORE THAN 450 PER IBC (2018) SECTION 2603.3 4. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISHES OVERHEAD. 5. PROVIDE STAINLESS STEEL WALL CAPS AT ALL WALL WALLS LESS THAN 6" WIDE AND CORNER GUARDS AT ALL EXTERIOR CORNERS FROM TOP OF COVE TO B.O. CEILING GRID AT ALL KITCHEN AREAS. 6. PROVIDE S.S. TRANSITION STRIPS AT ALL FLOORING MATERIAL CHANGES AS REQUIRED. TYP. RE: A7.1 FOR PROFILES	EX		WALLS WITH FRP PANELING UP TO 8'-6" A.F.F.	
T-1	28" x 28" FREESTANDING TABLE	30"	6	-	-	BAR / LOUNGE	-	-		CC-0	CONCRETE	EX	WALLS WITH FULL HEIGHT STAINLESS STEEL PANELS
T-2	30" x 30" FREESTANDING TABLE	30"	5	-	-	STOOLS	-	25		LVT-Z	LUXURY VINYL TILE	CC-0	WALLS WITH DECORATIVE TILE HEIGHT AS INDICATED ON INT. ELEV.
T-3	72" x 24" FREESTANDING TABLE	30"	7	-	-	2-TOPS	5	10		LVT-W	LUXURY VINYL TILE	LVT-Z	WALLS WITH WOOD PANEL WAINSCOTING HEIGHT AS INDICATED ON INT. ELEV.
T-4	72" x 30" BOOTH TABLE	30"	4	-	-	4-TOPS	15	60		TF-Q	QUARRY TILE	LVT-W	WALLS WITH DECORATIVE WOOD PLANK WALL VENEER
T-5	48" x 30" BOOTH TABLE	30"	9	-	-	6-TOPS	0	0		RF-4	VINYL COMPOSITE TILE	TF-Q	WALL WITH THIN BRICK VENEER HEIGHT AS INDICATED ON INT. ELEV.
T-6	36" x 36" FREESTANDING PATIO TABLE	30"	5	-	-	8-TOPS	0	0	RF-3	RUBBER MAT	RF-4	WALL WITH DECORATIVE WOOD PLANK WALL VENEER	
T-7	48" x 30" FREESTANDING PATIO TABLE	30"	6	-	-	PATIO SEATING	31	161	SC	SEALED CONCRETE	RF-3	WALL WITH DECORATIVE WOOD PLANK WALL VENEER	
T-8	48" x 30" TABLE	30"	5	-	-	STOOLS	-	0	CT-1	CERAMIC TILE	RF-3	WALL WITH THIN BRICK VENEER HEIGHT AS INDICATED ON INT. ELEV.	
T-9	96" x 30" TABLE	30"	1	-	-	2-TOPS	0	0	CT-2	CERAMIC TILE	CT-1	WALL WITH DECORATIVE WOOD PLANK WALL VENEER	
T-10	72" x 30" TABLE	30"	5	-	-	4-TOPS	11	44	-	-	CT-2	FULL HEIGHT STAINLESS STEEL "L" CORNER GUARD	
-	-	-	-	-	-	6-TOPS	0	0	-	-	-	FULL HEIGHT STAINLESS STEEL "U" CORNER GUARD	
-	-	-	-	-	-	8-TOPS	0	0	-	-	-	-	
-	-	-	-	-	-	TOTAL	11	44	-	-	-	-	
-	-	-	-	-	-	TOTAL SEATING	42	205	-	-	-	-	
-	-	-	-	-	-	REQUIRED ACCESSIBLE SEATING PER IBC 2018, SECTION 1108.2.9.1	-	-	-	-	-	-	
-	-	-	-	-	-	DINING: = 161 SEATS X 0.05 = 8 SEATS	-	-	-	-	-	-	
-	-	-	-	-	-	PATIO: = 44 SEATS X 0.05 = 3 SEATS	-	-	-	-	-	-	

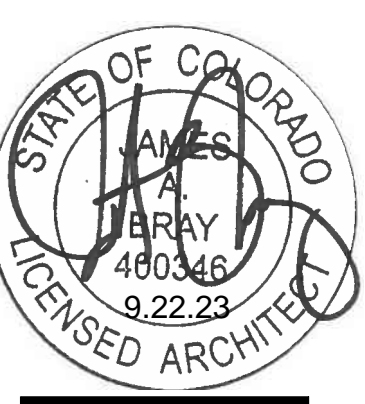
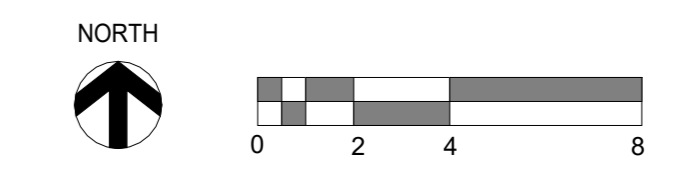


1 LEVEL 1 FURNITURE & FINISH PLAN
A2.5 1/4" = 1'-0"

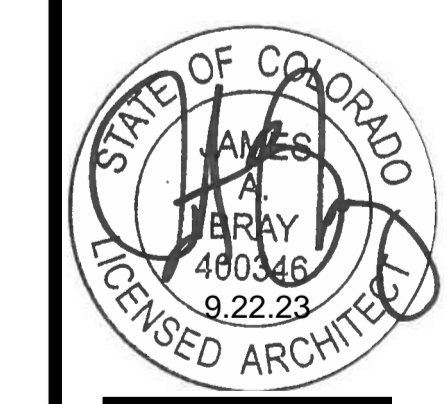




1 LEVEL 2 FURNITURE & FINISH PLAN
A2.6 1/4" = 1'-0"



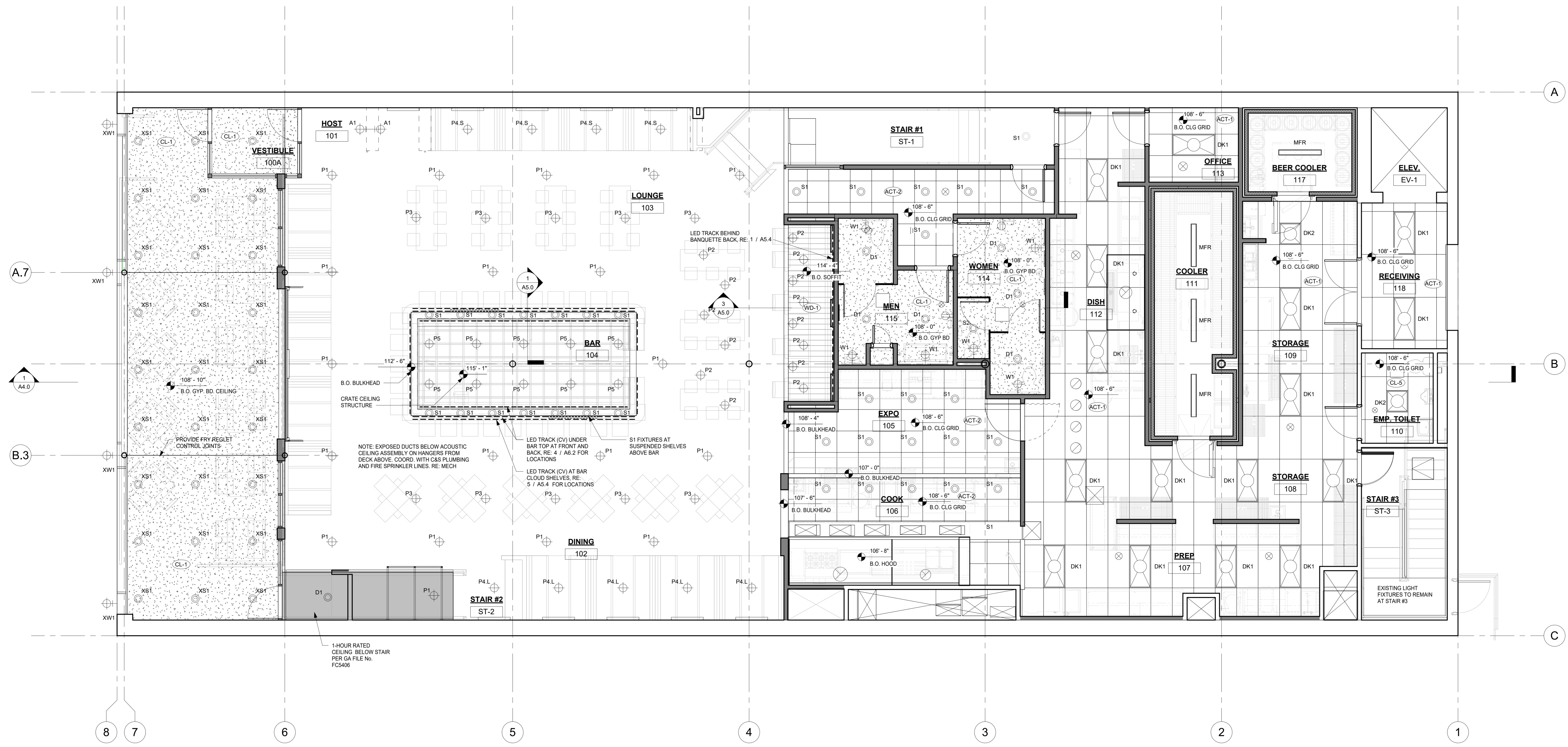
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LEVEL 2 FURNITURE & FINISH PLAN
SHEET NUMBER:



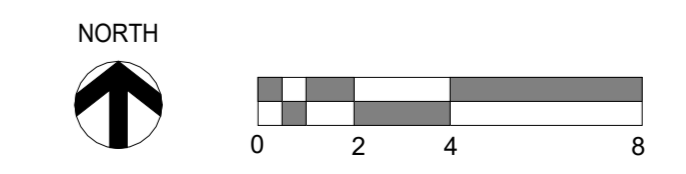
PROJECT No: 202305
ISSUE DATE: 09/22/23
REVISIONS:
SHEET TITLE:
LEVEL 1 REFLECTED CEILING PLAN
SHEET NUMBER:

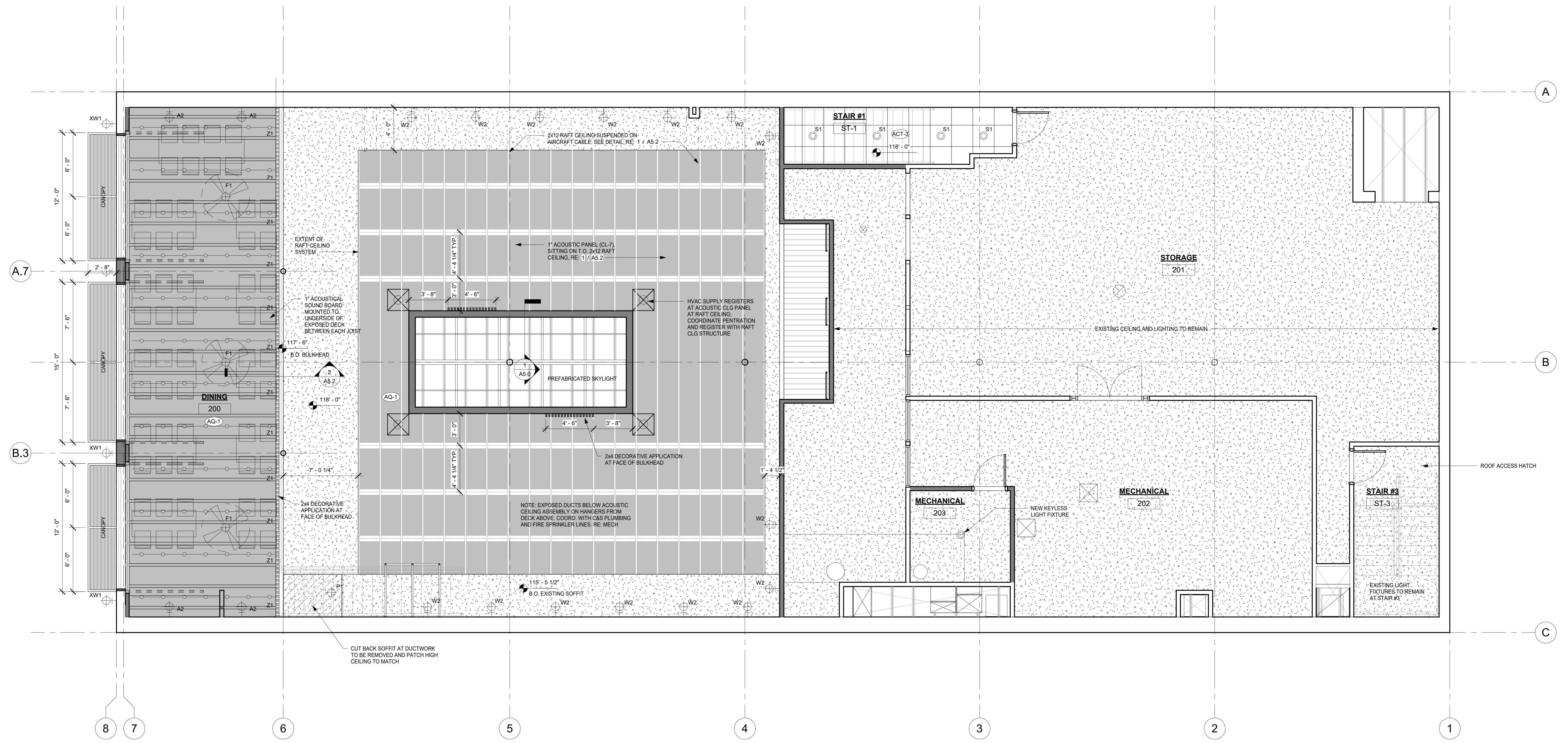
REFLECTED CEILING LEGEND		REFLECTED CEILING NOTES	
	PAINTED TYPE 'X' GYP. BD. CEILING - HEIGHT AS INDICATED		EXIT SIGN
	WOOD SOFFIT		SPEAKER
	VINYL CEILING TILES: ACT-1 TIN CEILING TILES: ACT-2 ACOUSTICAL CEILING TILE: ACT-3		CAMERA
	ACOUSTIC CEILING PANELS		RESTROOM EXHAUST FAN
	LIGHT FIXTURES		

- CENTER LIGHT FIXTURES IN SPACES AND CORRIDORS UNLESS NOTED OTHERWISE.
- ALL LIGHTING AND FIXTURE DIMENSIONS ARE TO CENTER LINE UNLESS NOTED OTHERWISE.
- ALL SPRINKLER HEADS IN GYPSUM BOARD CEILINGS TO BE FULLY RECESSED.
- ALL SIGNAGE UNDER SEPARATE PERMIT.
- MFR INDICATES NEW FIXTURE PROVIDED BY MANUFACTURER
- ALL DUCTWORK, ELECTRICAL & PLUMBING LINES, AND EXPOSED CEILING STRUCTURE IS TO BE PAINTED.
- SEE ELECTRICAL FOR FIXTURE KEY AND LUMINAIRE SCHEDULE, TYP.
- COORDINATE LOCATIONS OF EXIT AND EMERGENCY LIGHTS WITH ELECTRICAL DRAWINGS.

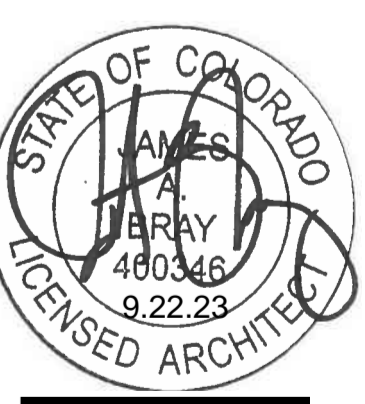
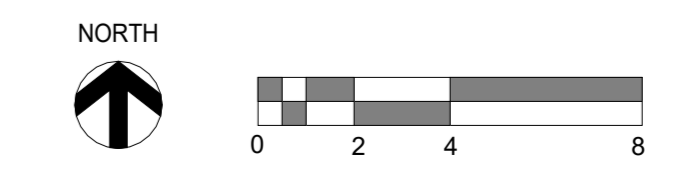


1 LEVEL 1 REFLECTED CEILING PLAN
A2.7 1/4" = 1'-0"





1 LEVEL 2 REFLECTED CEILING PLAN
A2.8 1/4" = 1'-0"

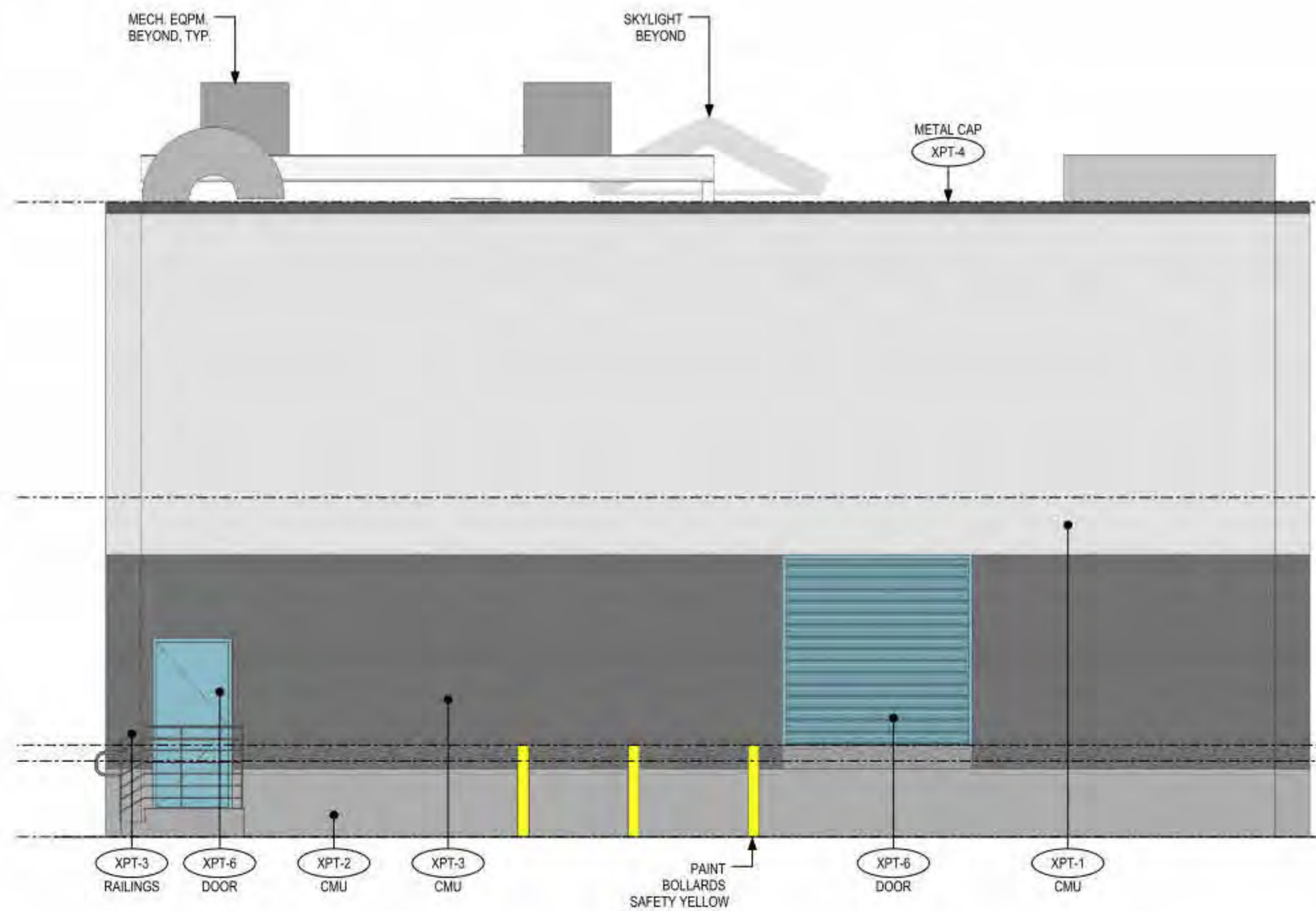


PROJECT No. 202305
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SHEET TITLE:
LEVEL 2 REFLECTED CEILING PLAN
SHEET NUMBER:



4 3D - BLDG. - WEST
A3.0 NTS

3 3D - BLDG. - WEST
A3.0 NTS



2 BLDG. ELEV. - EAST
A3.0 1/4" = 1'-0"

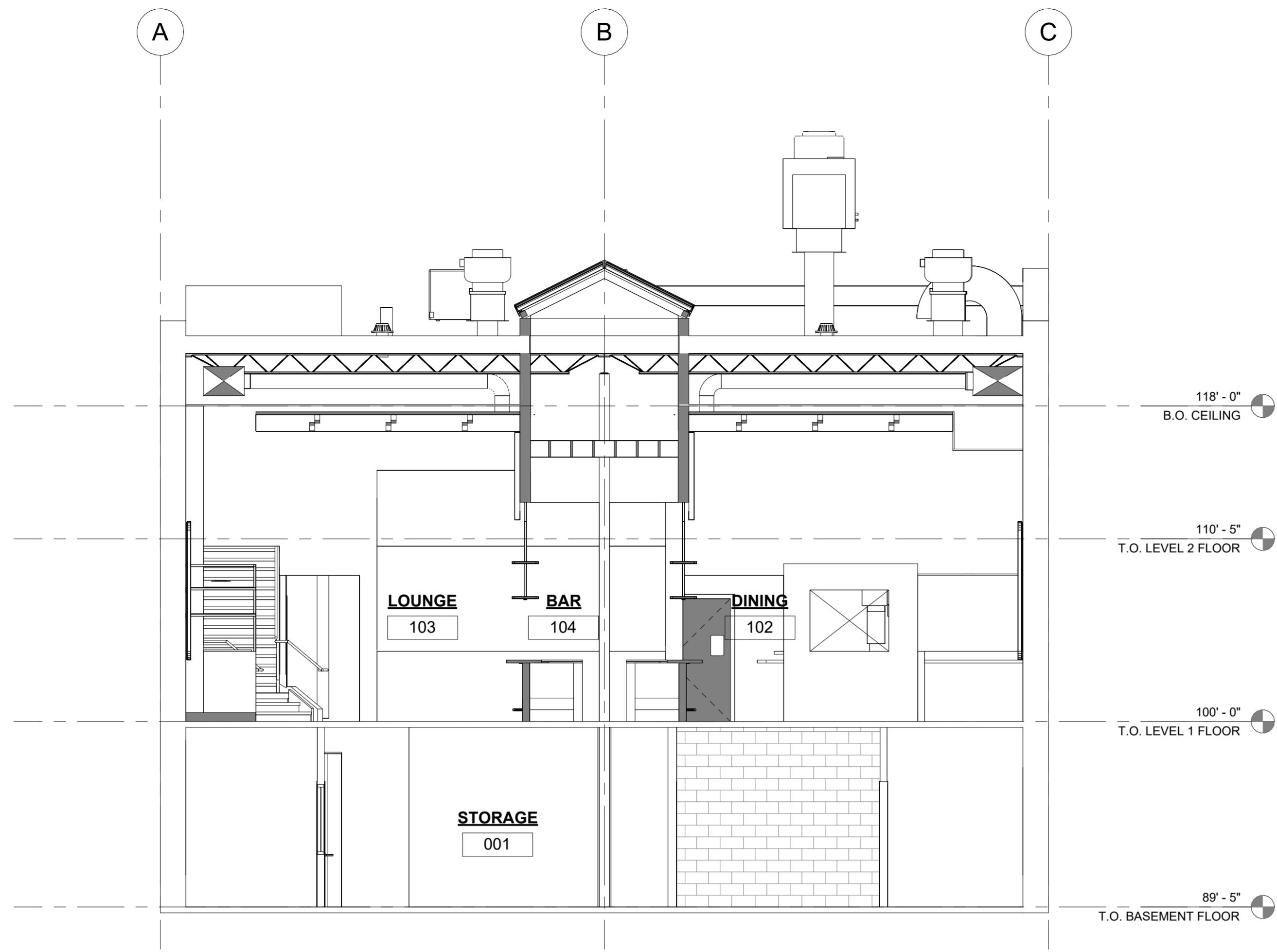


1 BLDG. ELEV. - WEST
A3.0 1/4" = 1'-0"

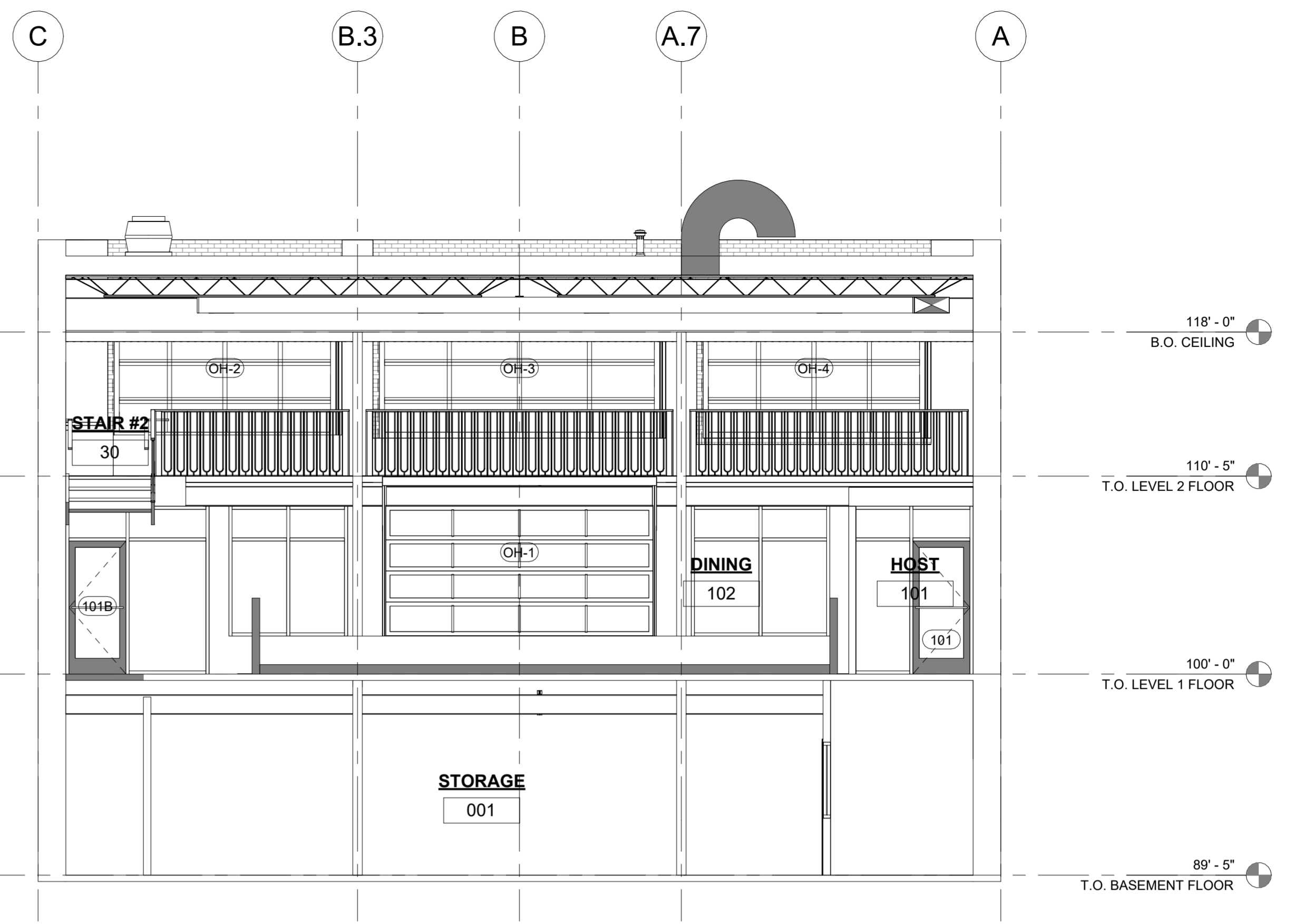


PROJECT No: 202305
ISSUE DATE: 09/22/23
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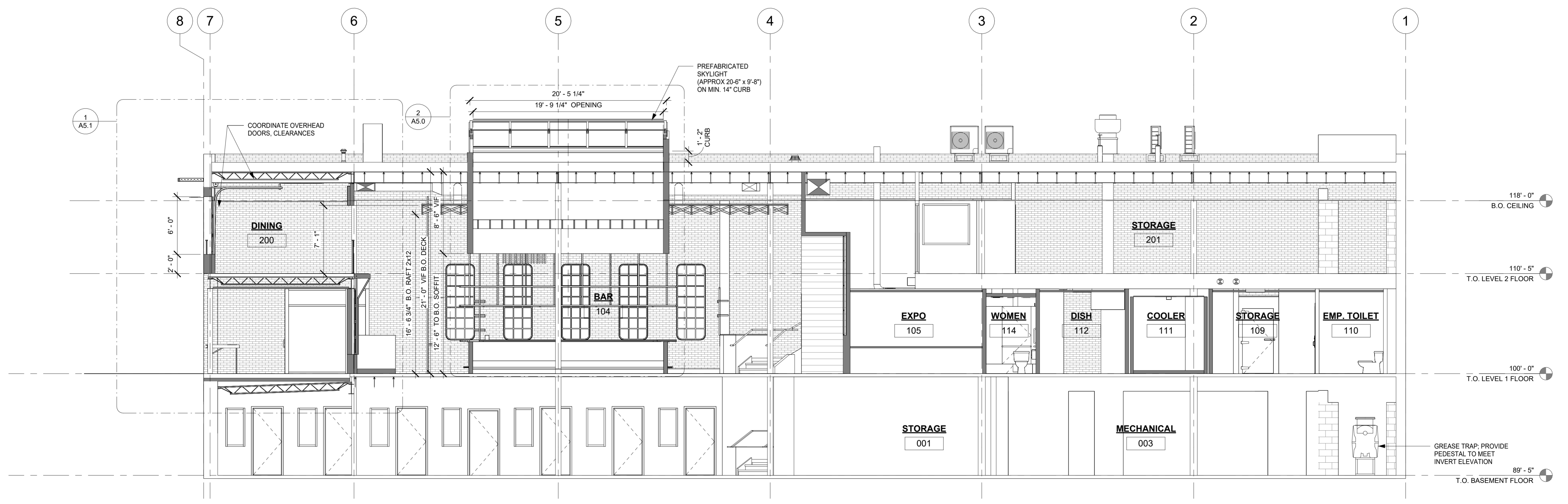
SHEET TITLE:
EXTERIOR ELEVATIONS



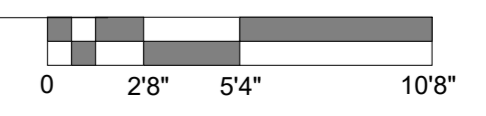
3 BUILDING SECTION 3
A4.0 3/16" = 1'-0"



2 BUILDING SECTION 2
A4.0 3/16" = 1'-0"

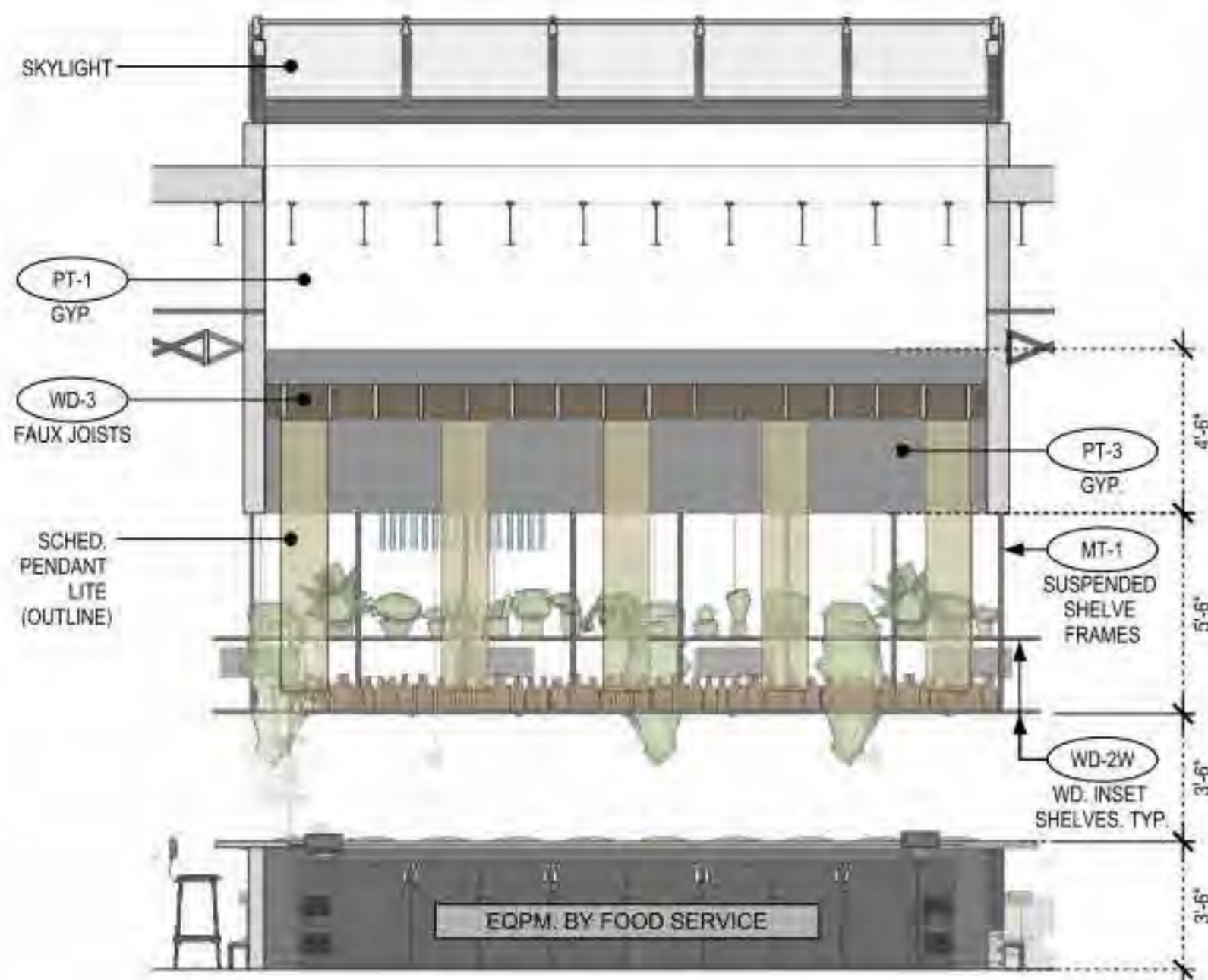


1 BUILDING SECTION 1
A4.0 3/16" = 1'-0"

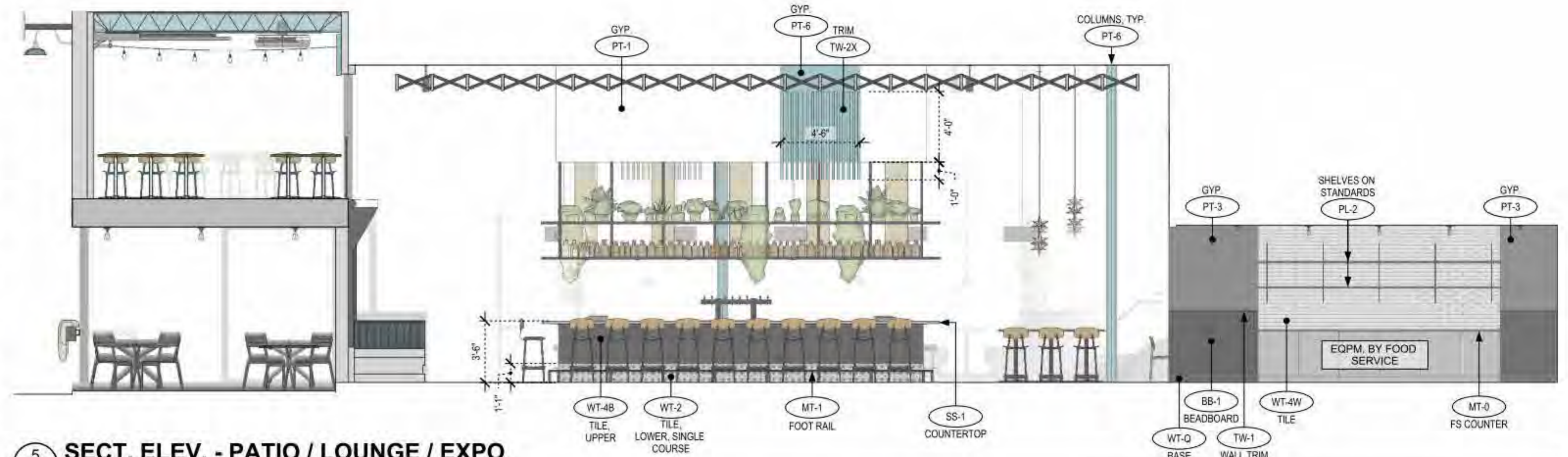


PROJECT No: 202305
ISSUE DATE: 09/22/23
REVISIONS:

SHEET TITLE:
BUILDING SECTIONS



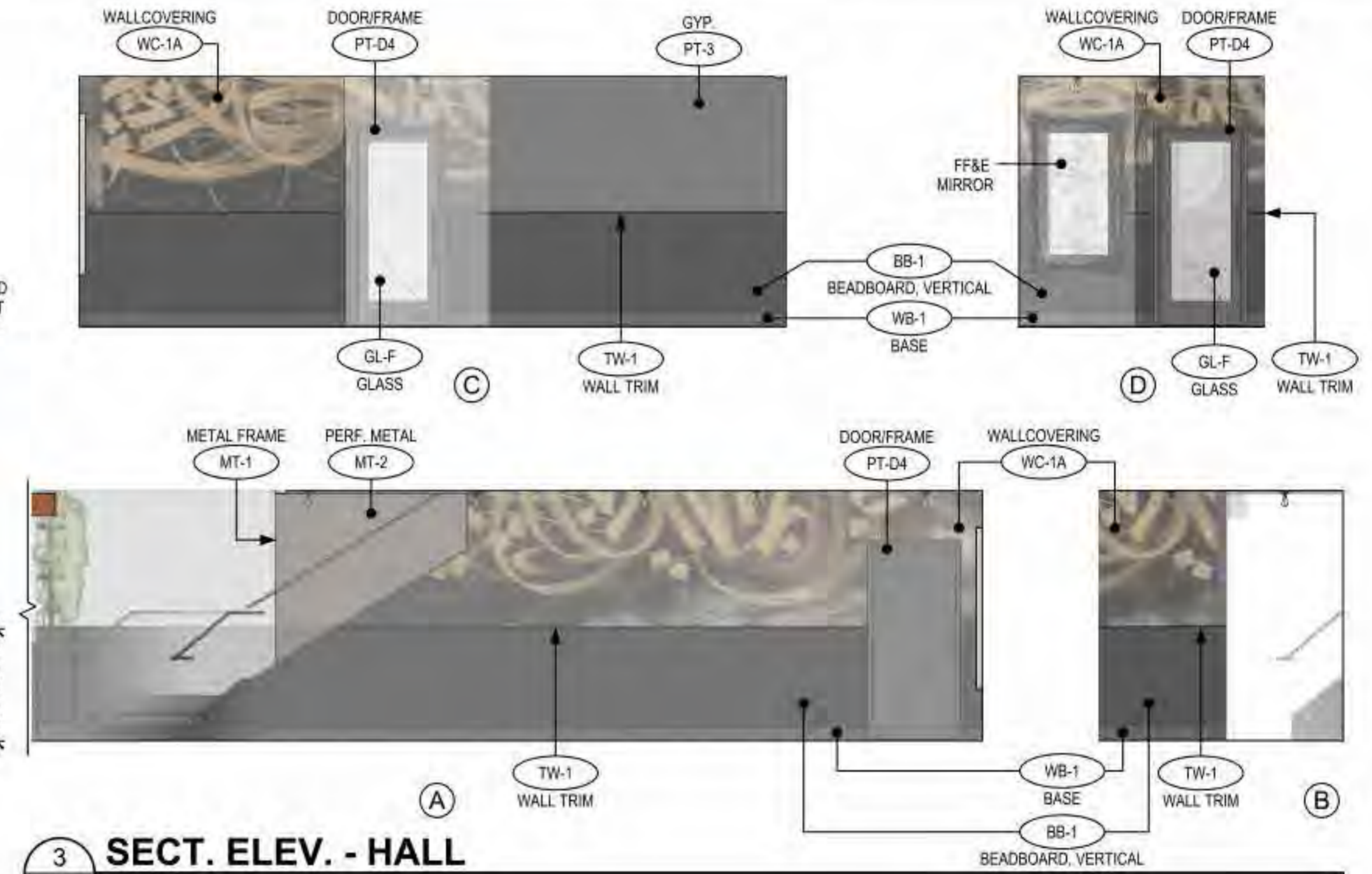
6 SECT. ELEV. - BAR BACK / SKYLIGHT
A4.1 1/4" = 1'-0"



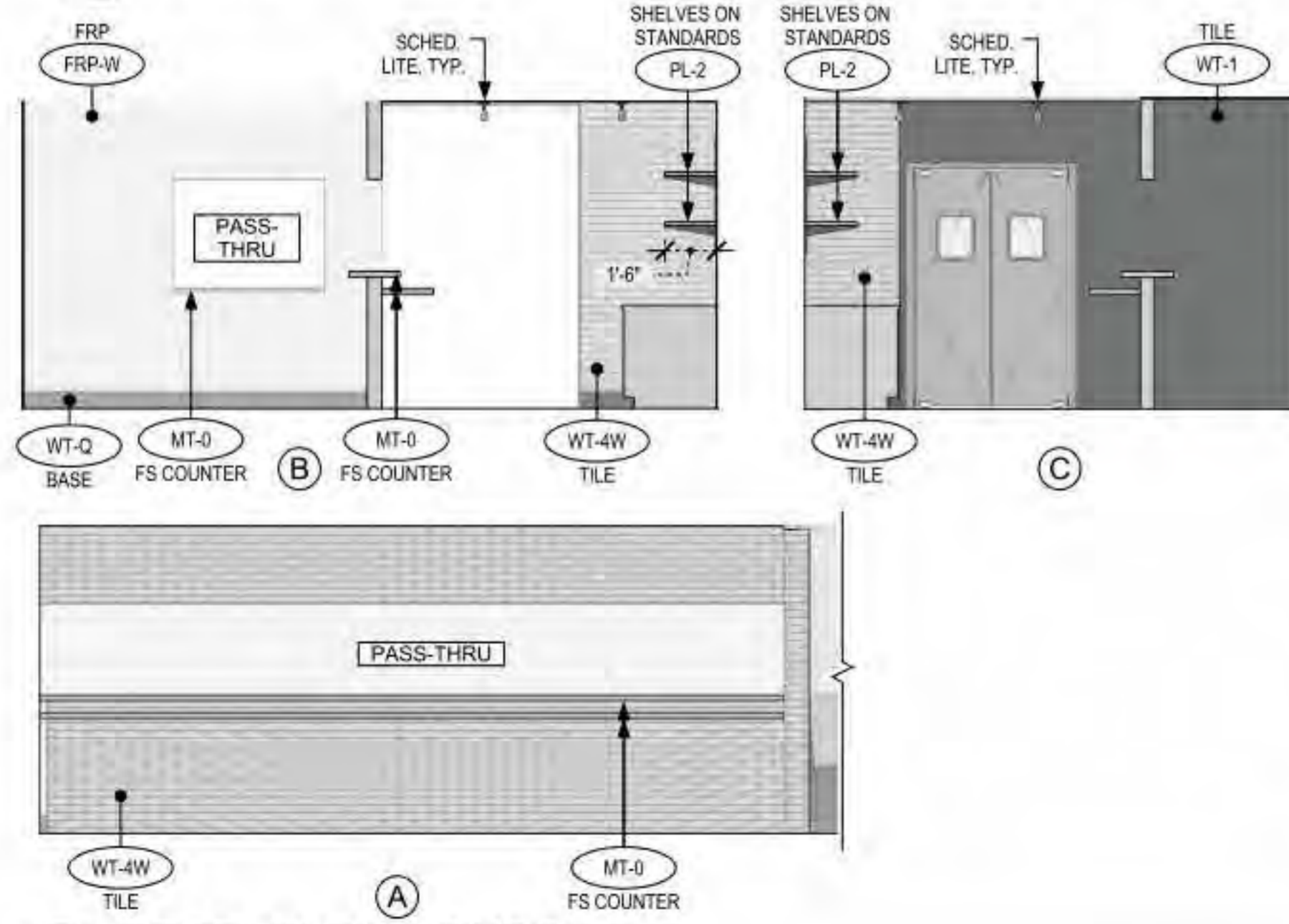
5 SECT. ELEV. - PATIO / LOUNGE / EXPO
A4.1 1/4" = 1'-0"



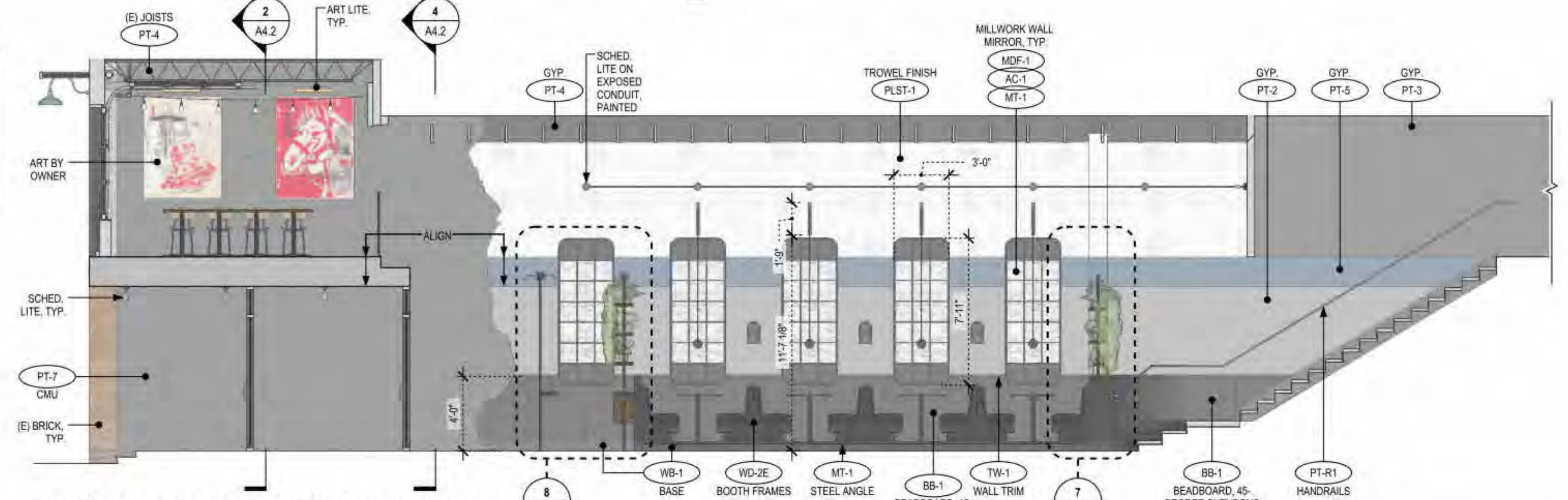
4 SECT. ELEV. - PATIO / LOUNGE
A4.1 1/4" = 1'-0"



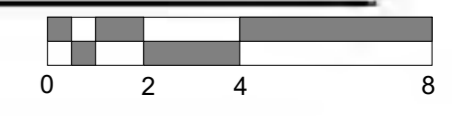
3 SECT. ELEV. - HALL
A4.1 1/4" = 1'-0"



2 SECT. ELEV. - EXPO
A4.1 1/4" = 1'-0"

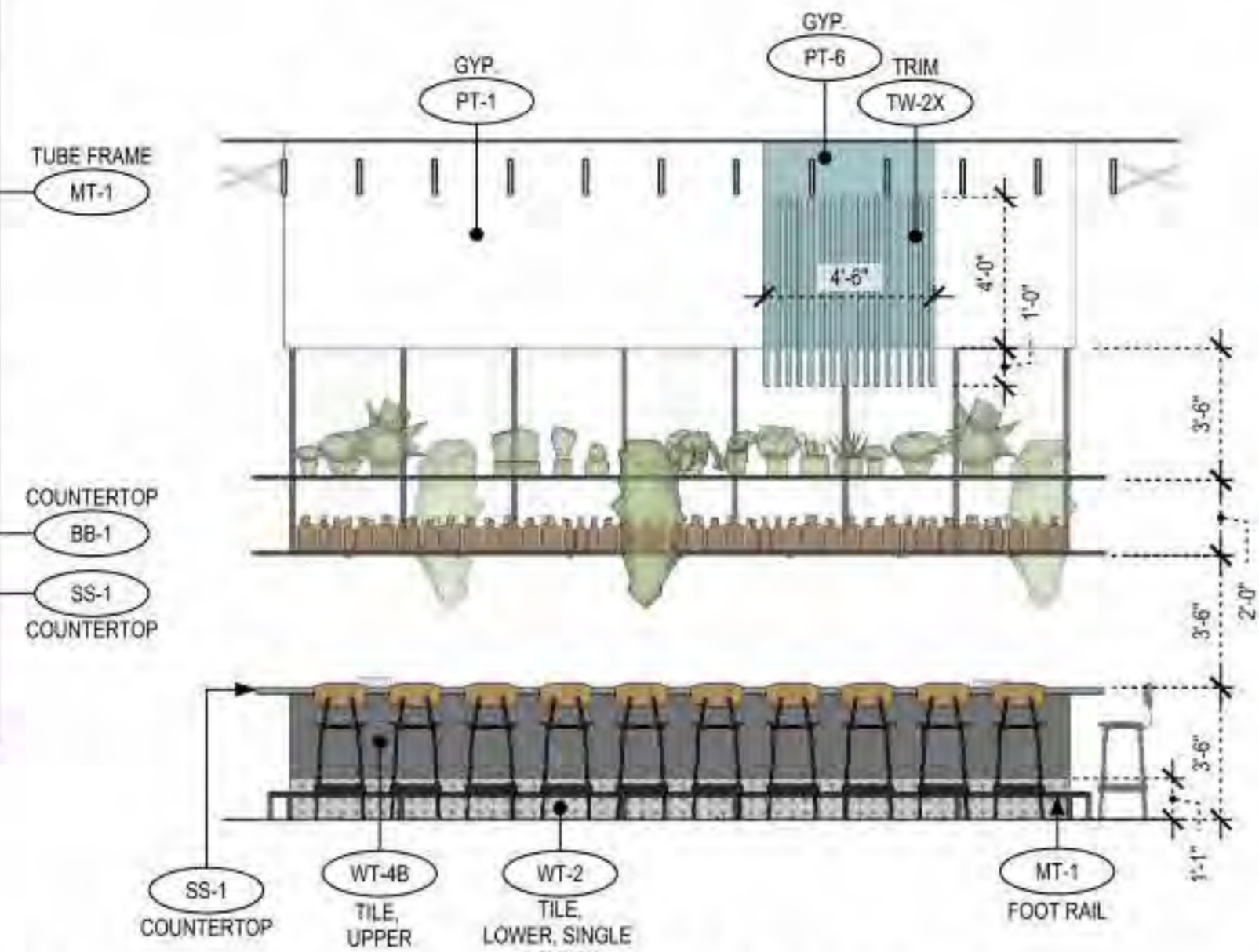
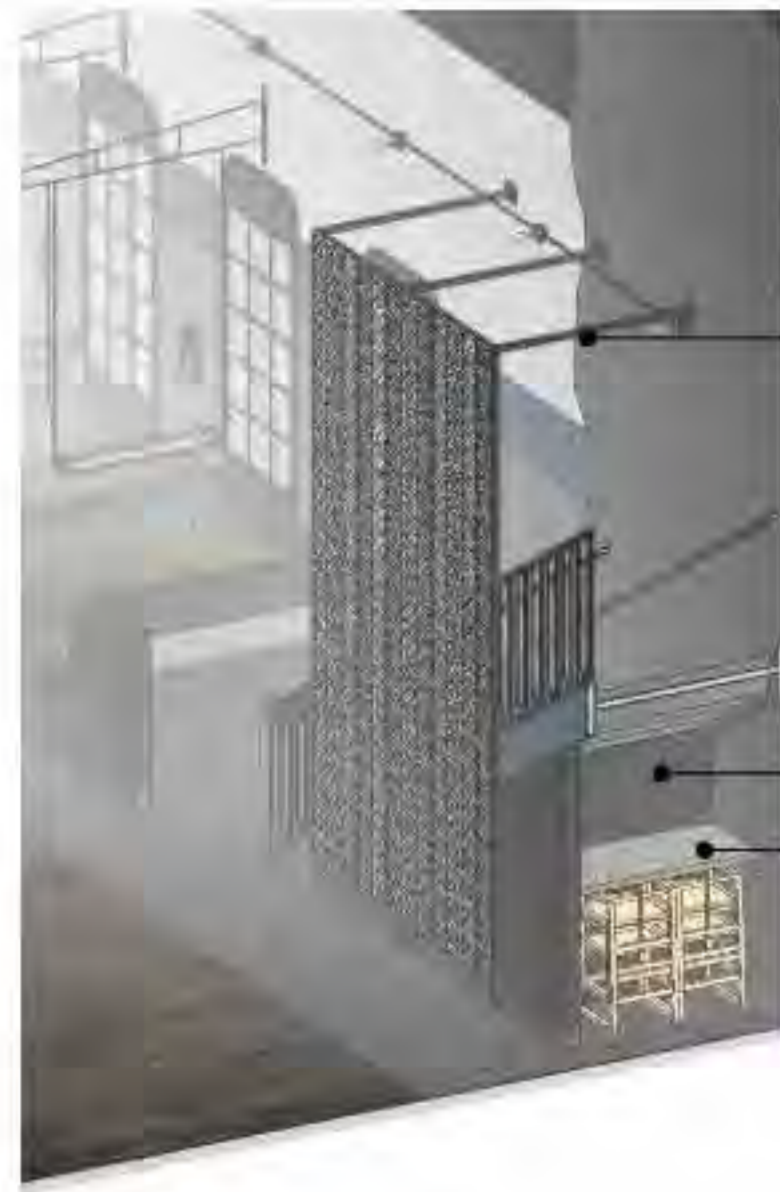


1 SECT. ELEV. - ENTRY / LOUNGE
A4.1 1/4" = 1'-0"



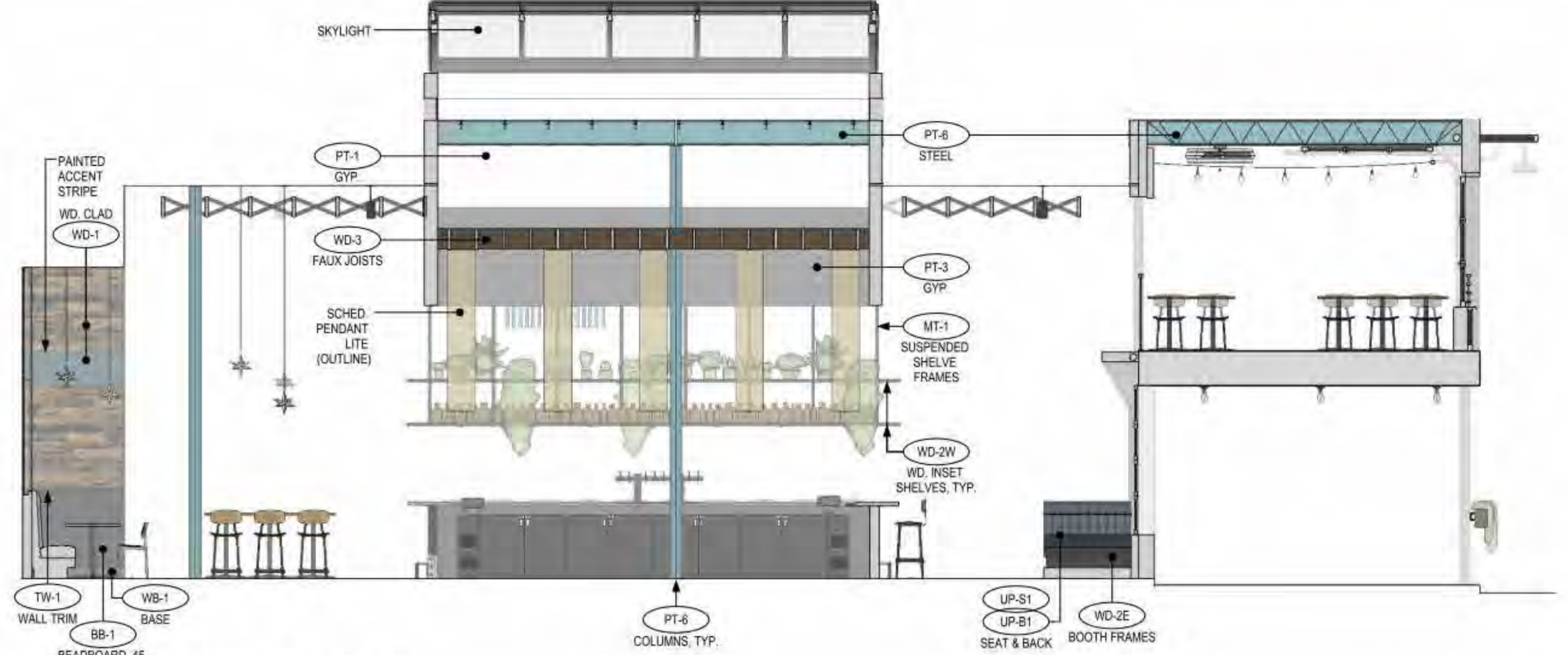
PROJECT No: 202305
ISSUE DATE: 09/22/23
REVISIONS:

SHEET TITLE:
INTERIOR ELEVATIONS

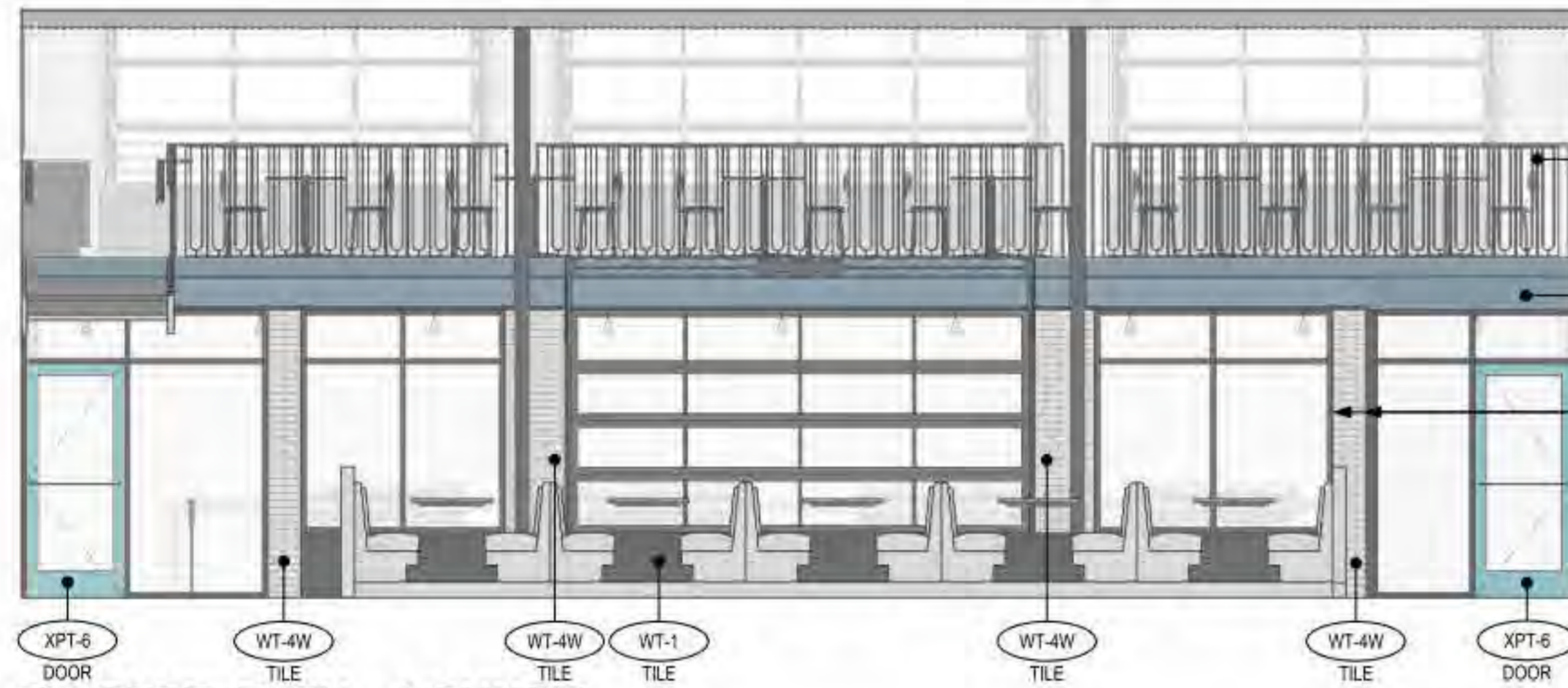


7 3D DTL. - STAIR / SCREEN
A4.2 1/4" = 1'-0"

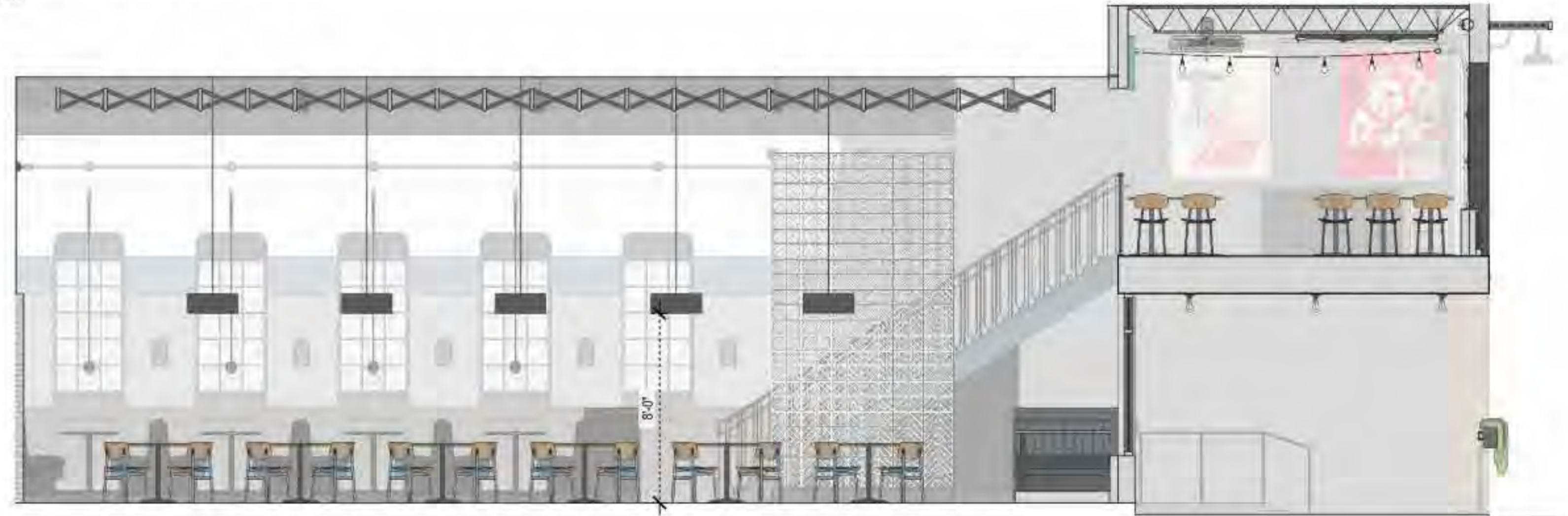
6 SECT. ELEV. - BAR FRONT
A4.2 1/4" = 1'-0"



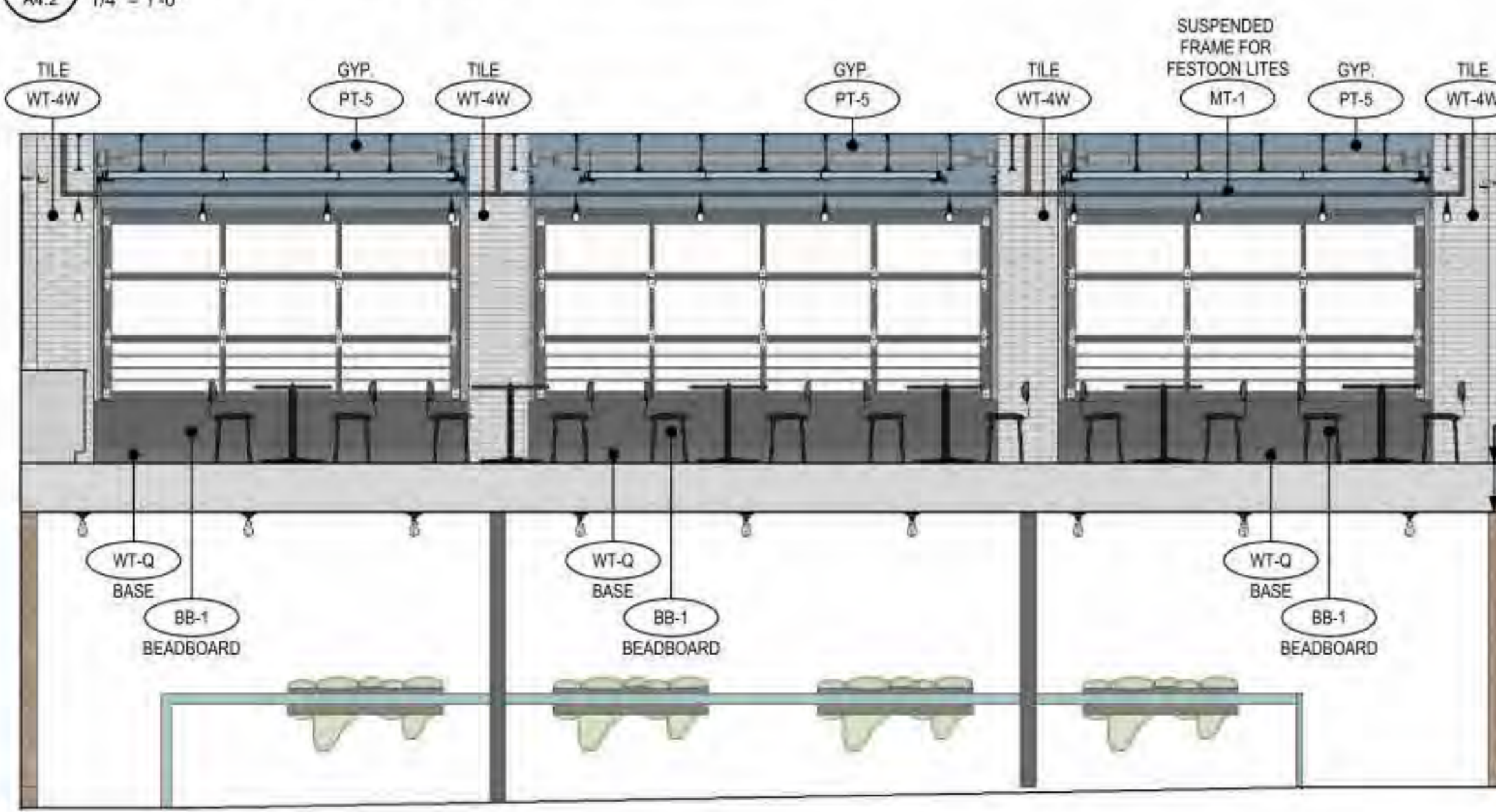
5 SECT. ELEV. - LOUNGE
A4.2 1/4" = 1'-0"



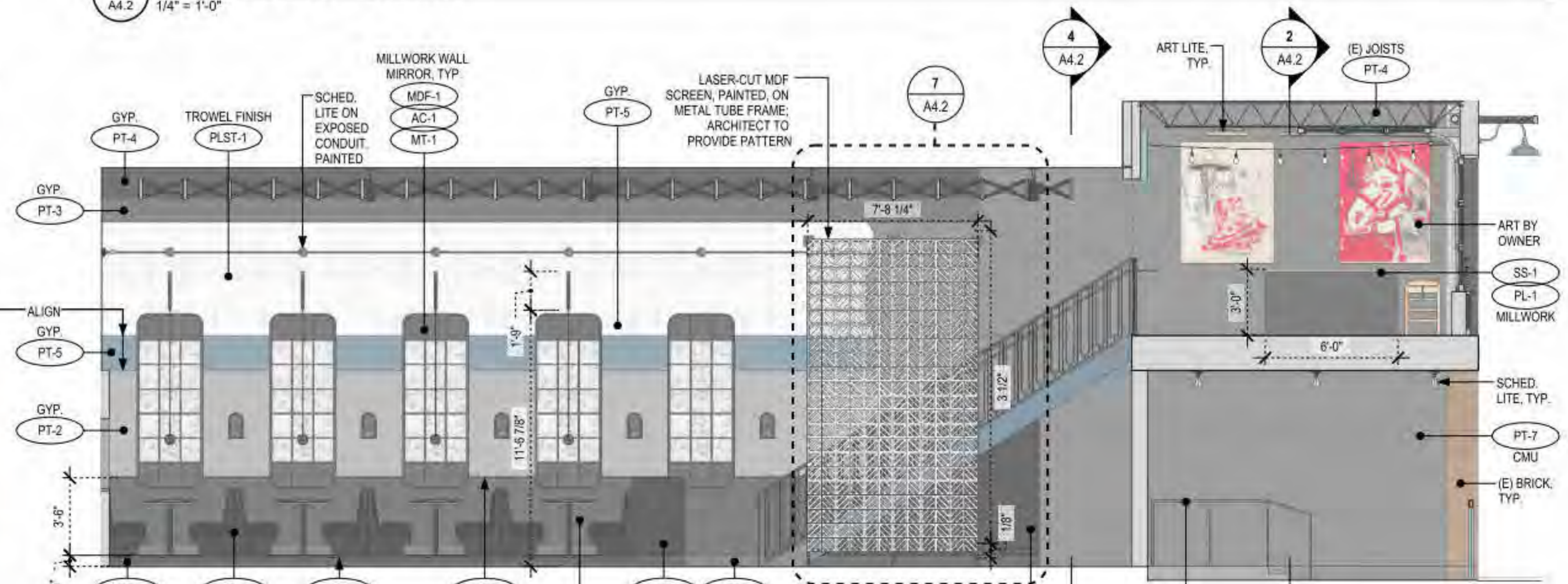
4 SECT. ELEV. - LOUNGE
A4.2 1/4" = 1'-0"



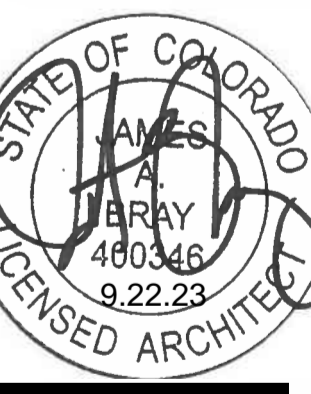
3 SECT. ELEV. - DINING
A4.2 1/4" = 1'-0"



2 SECT. ELEV. - UPPER DINING
A4.2 1/4" = 1'-0"



1 SECT. ELEV. - DINING
A4.2 1/4" = 1'-0"



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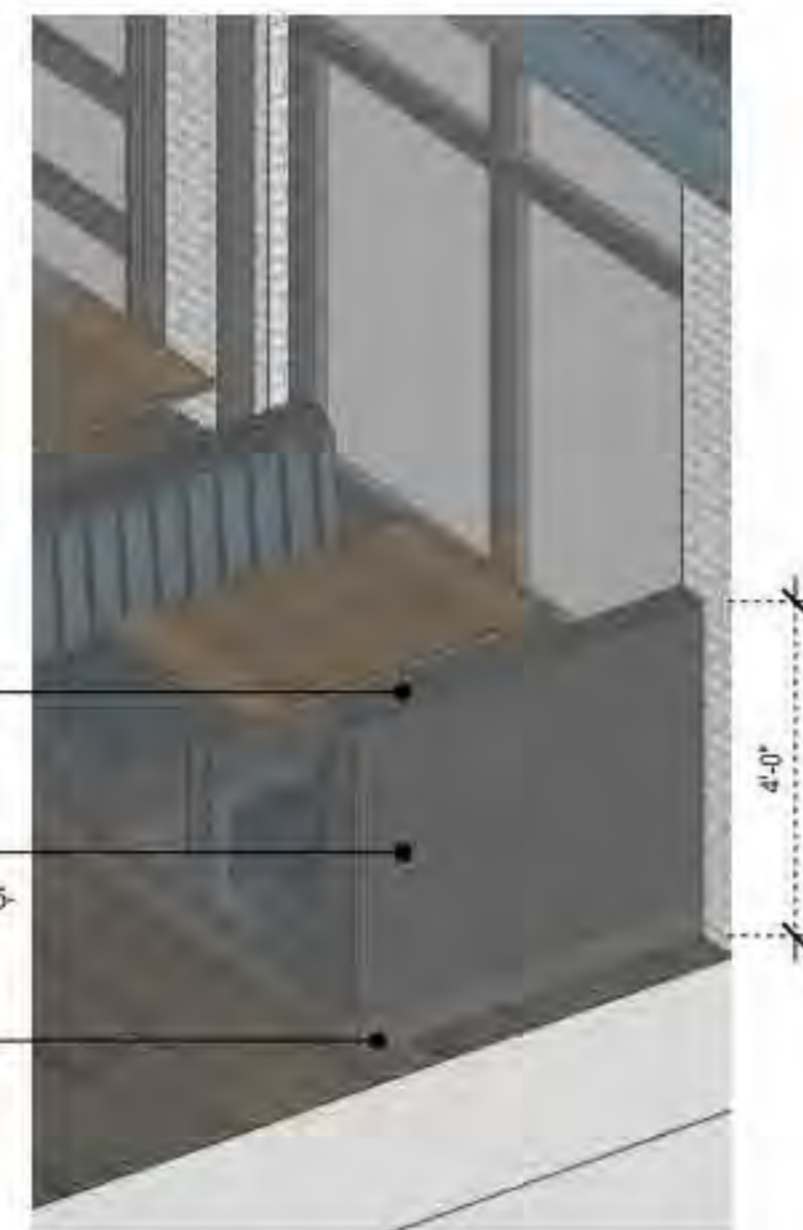
INTERIOR ELEVATIONS



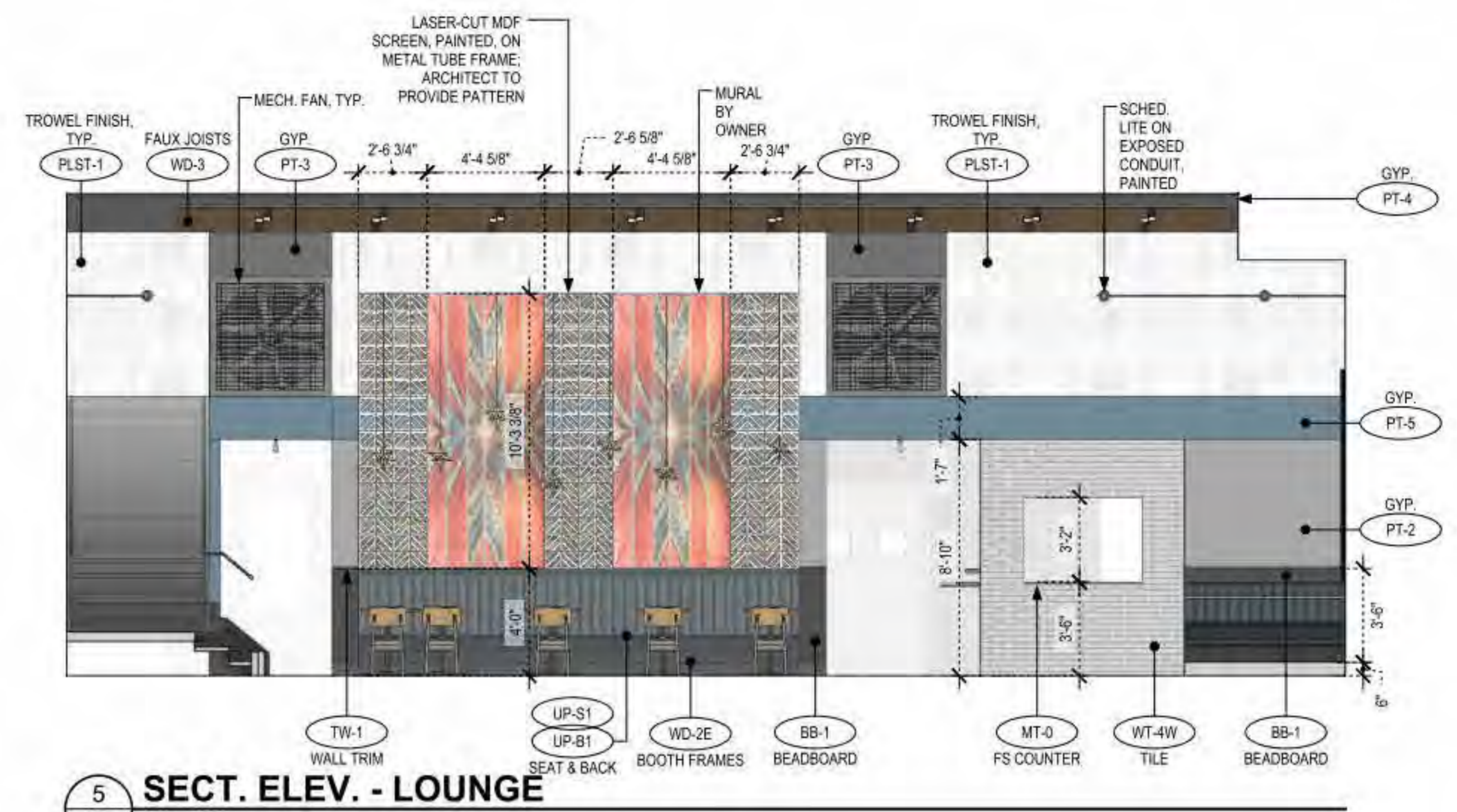
8 3D DTL. - HOST
A4.3 1/2" = 1'-0"



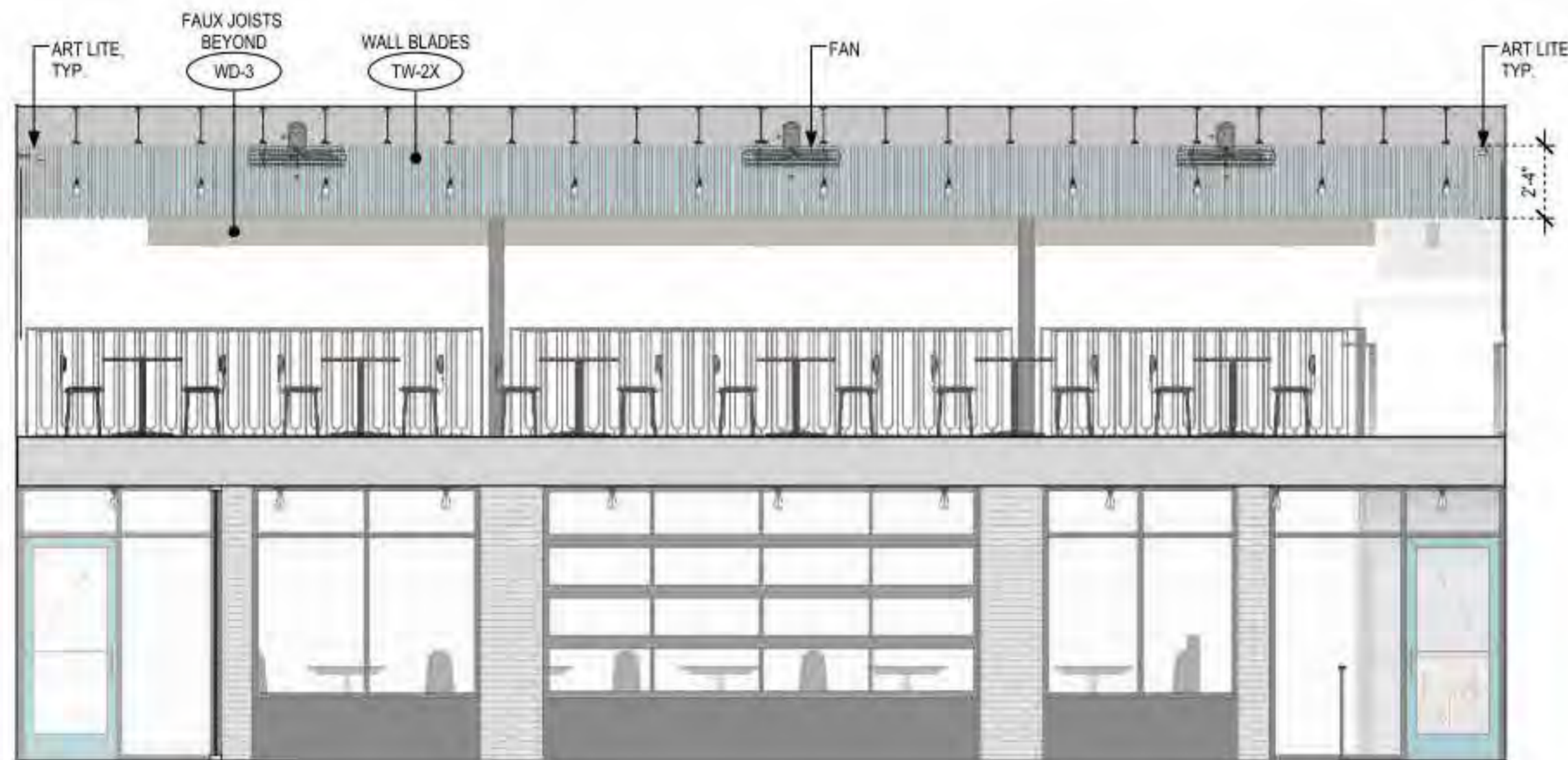
7 3D DTL. - SHELF
A4.3 1/2" = 1'-0"



6 3D DTL. - HALF-WALL
A4.3 1/2" = 1'-0"



5 SECT. ELEV. - LOUNGE
A4.3 1/4" = 1'-0"



4 SECT. ELEV. - LOUNGE
A4.3 1/4" = 1'-0"



3 SECT. ELEV. - LOUNGE
A4.3 1/4" = 1'-0"



2 SECT. ELEV. - LOUNGE
A4.3 1/4" = 1'-0"



1 SECT. ELEV. - LOUNGE
A4.3 1/4" = 1'-0"



6 3D VIEW - LOUNGE / ENTRY
A4.4 NTS



5 3D VIEW - DINING / STAIR
A4.4 NTS



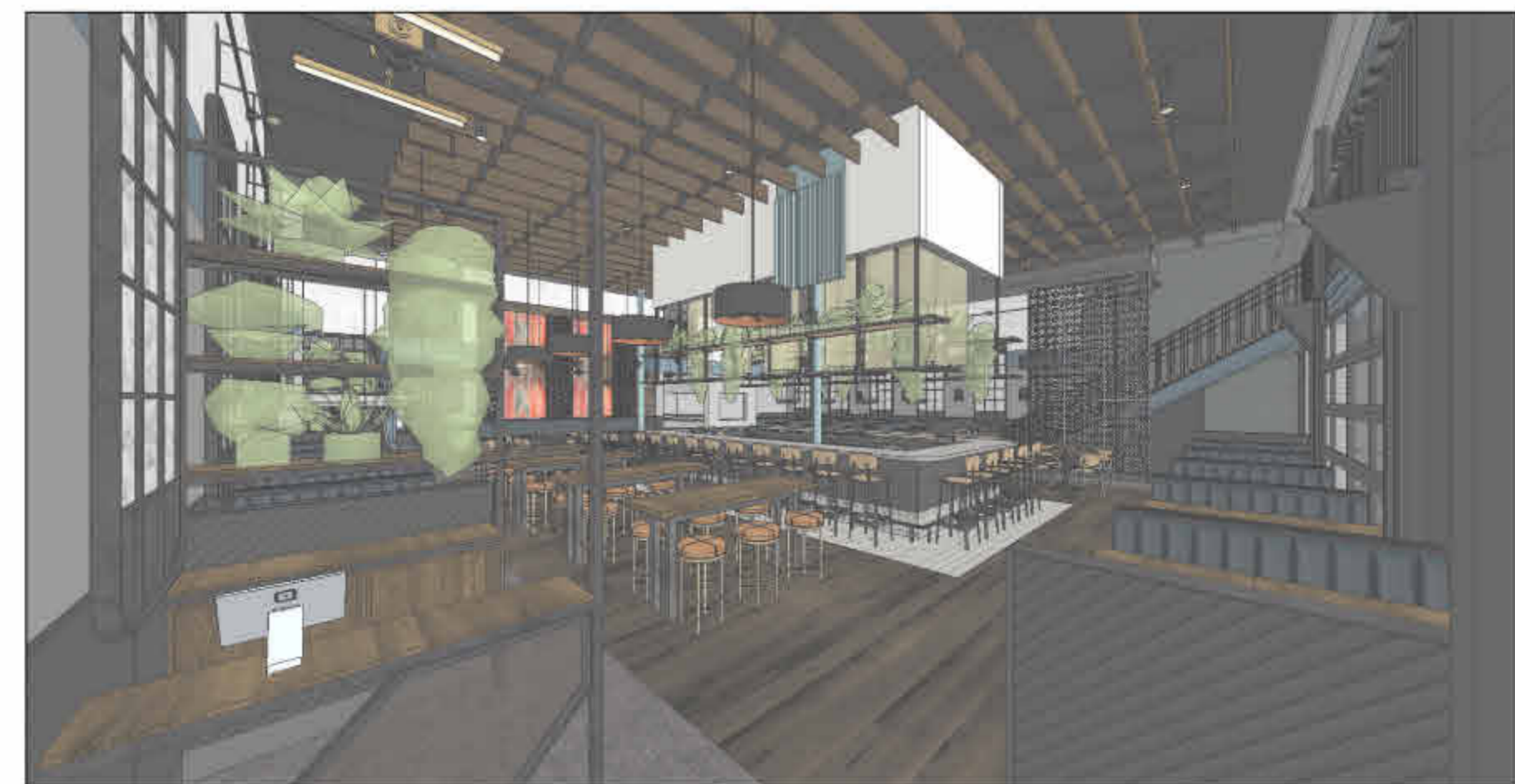
4 3D VIEW - DINING
A4.4 NTS



3 3D VIEW - DINING
A4.4 NTS



2 3D VIEW - LOUNGE
A4.4 NTS



1 3D VIEW - ENTRY / HOST
A4.4 NTS



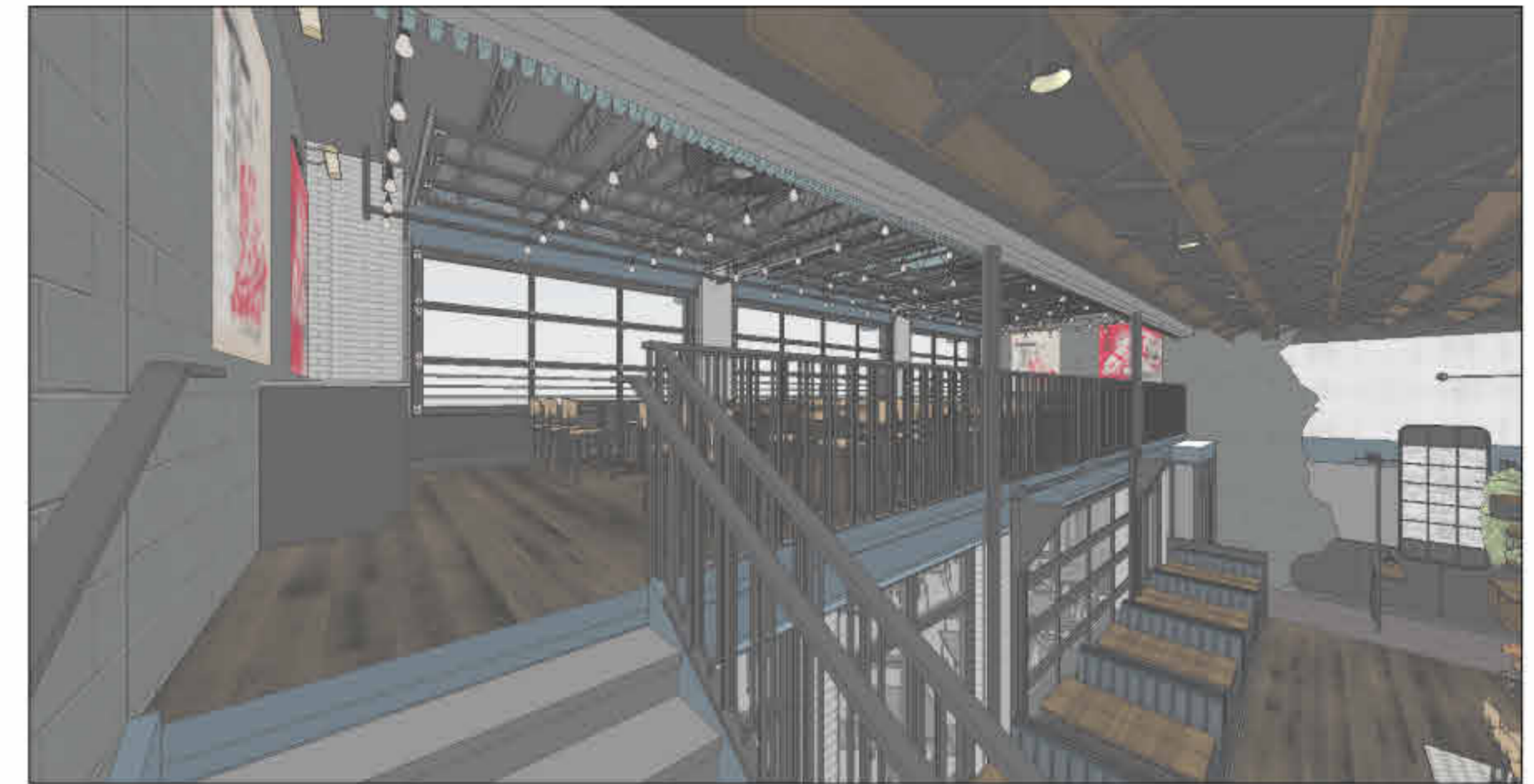
6 3D VIEW - LOUNGE / DINING
A4.5 NTS



5 3D VIEW - UPPER DINING
A4.5 NTS



4 3D VIEW - UPPER DINING
A4.5 NTS



3 3D VIEW - UPPER DINING
A4.5 NTS



2 3D VIEW - HALL / EXPO
A4.5 NTS



1 3D VIEW - LOUNGE / EXPO
A4.5 NTS



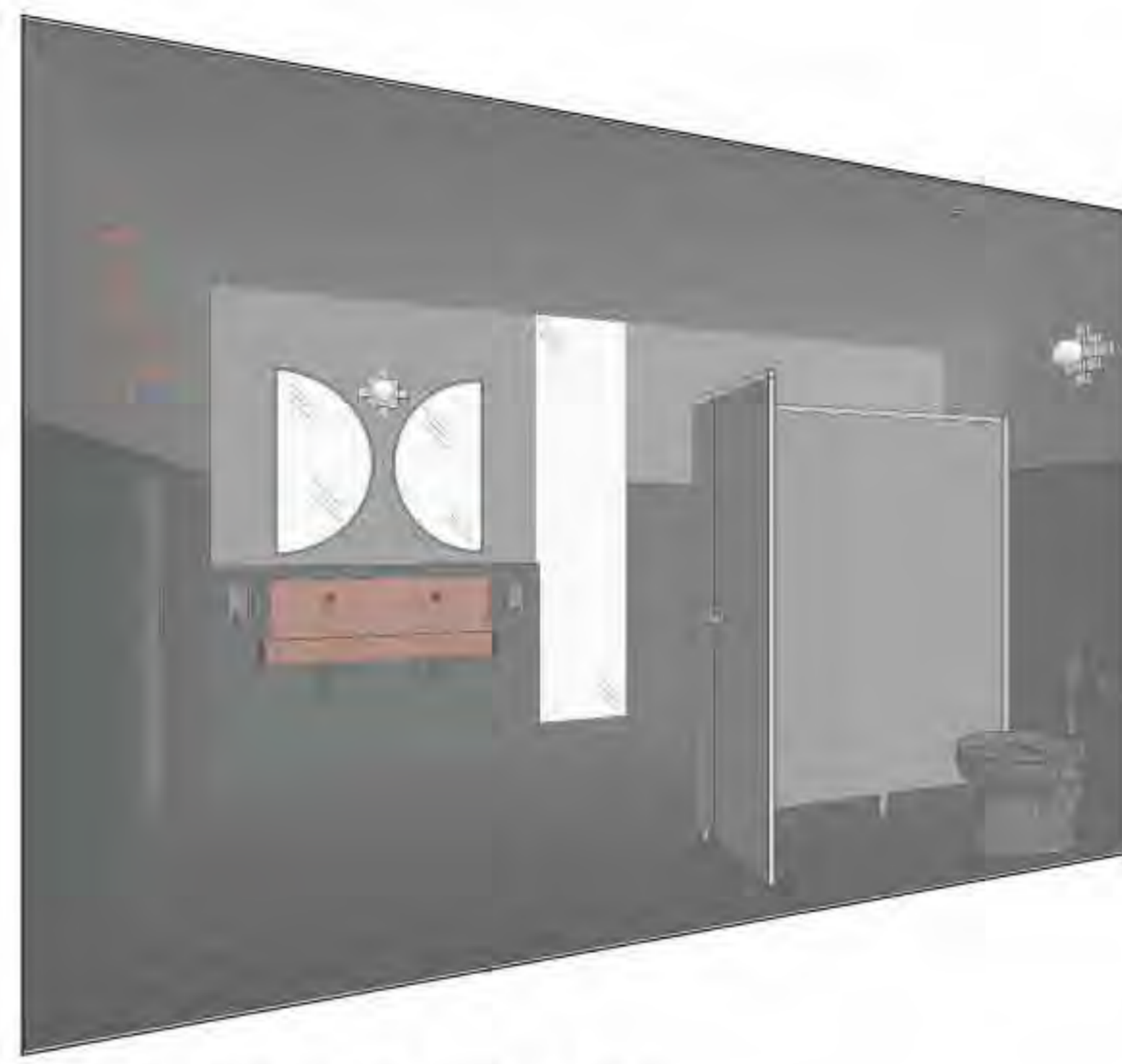
PROJECT No: 202305
ISSUE DATE: 09/22/23
REVISIONS:

SHEET TITLE:
INTERIOR PERSPECTIVES

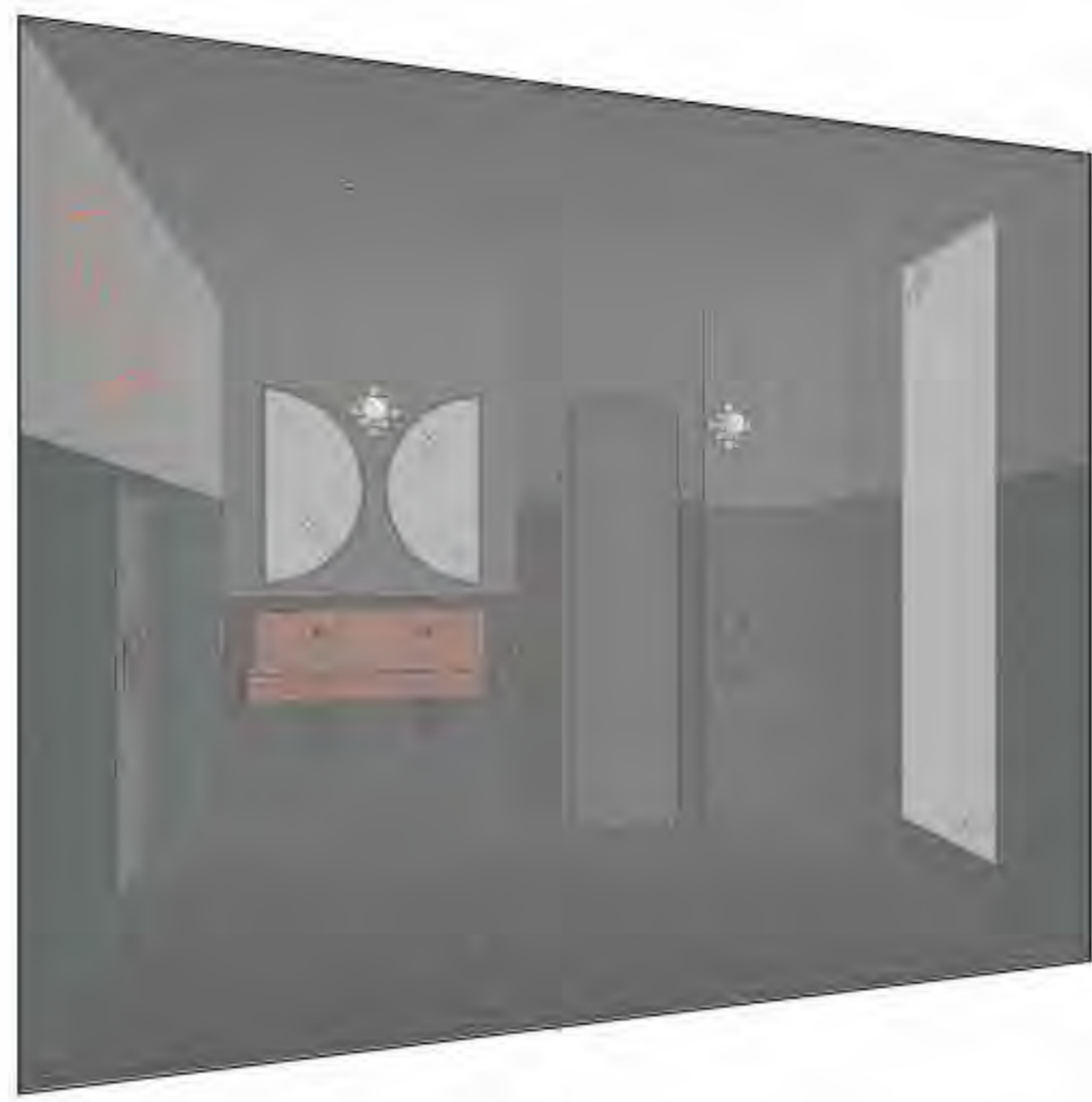


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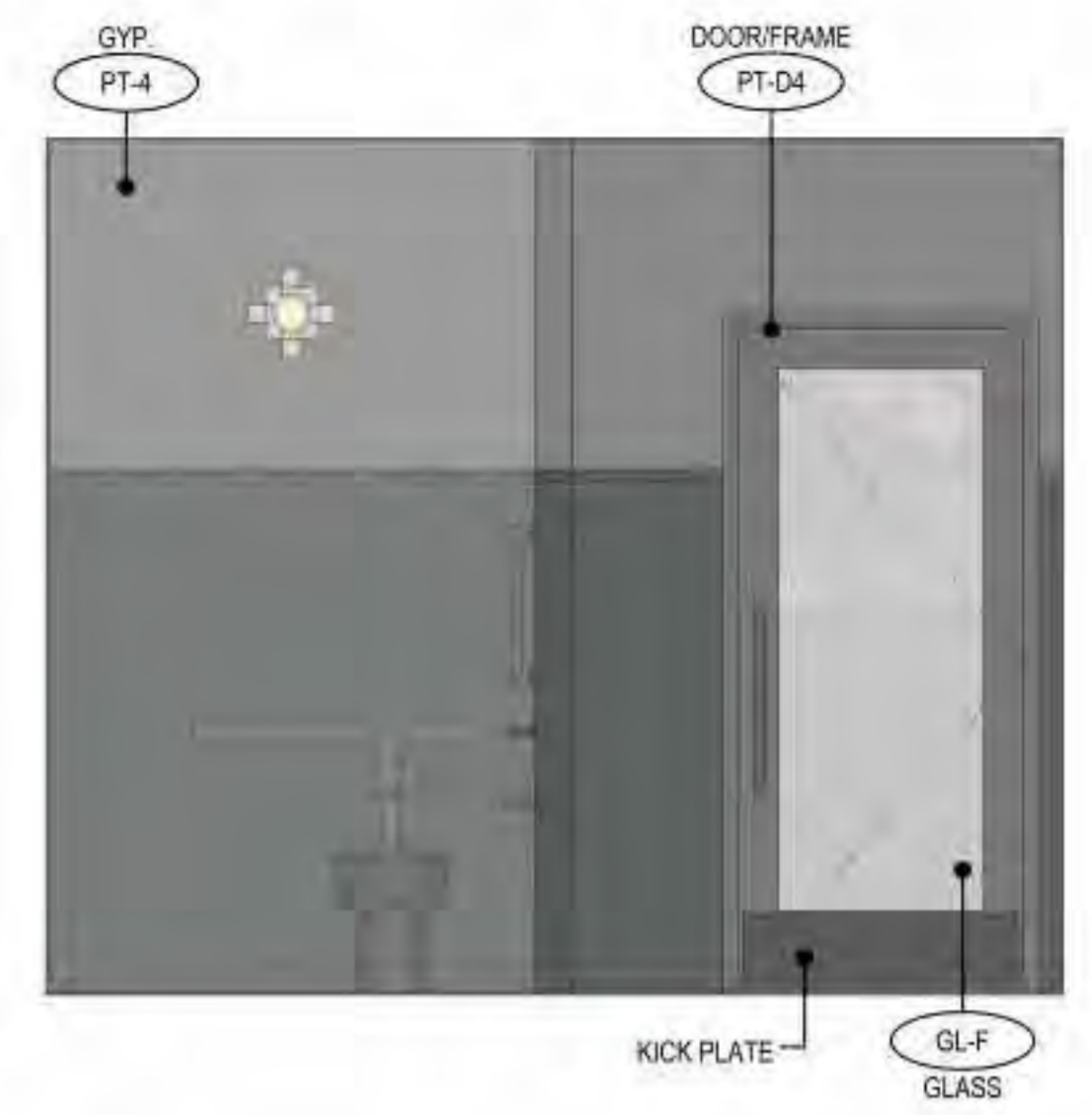
SHEET TITLE:
 BATHROOM ELEVATIONS



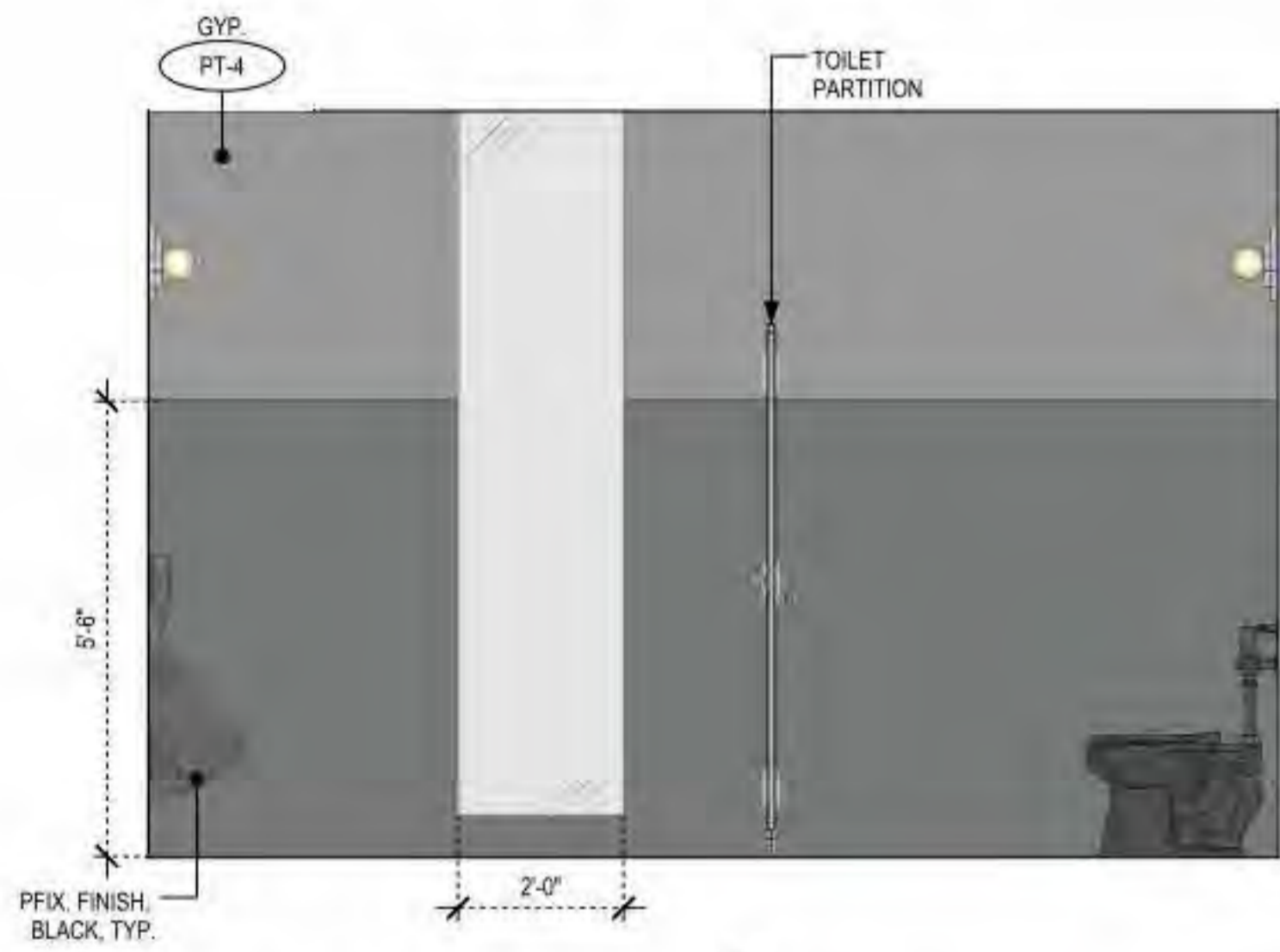
3 3D VIEW - WOMENS RR
 A4.6 NTS



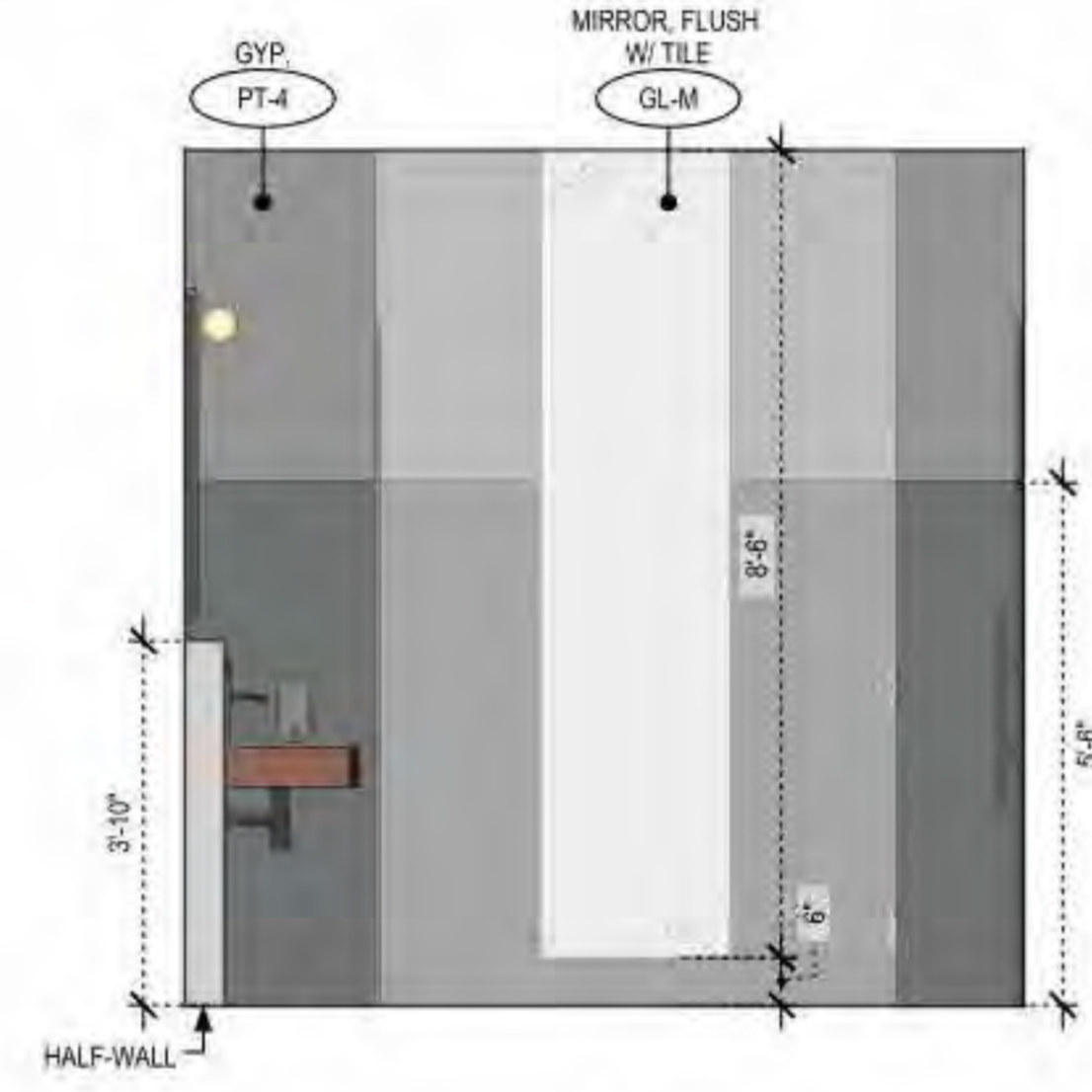
4 3D VIEW - MENS RR
 A4.6 NTS



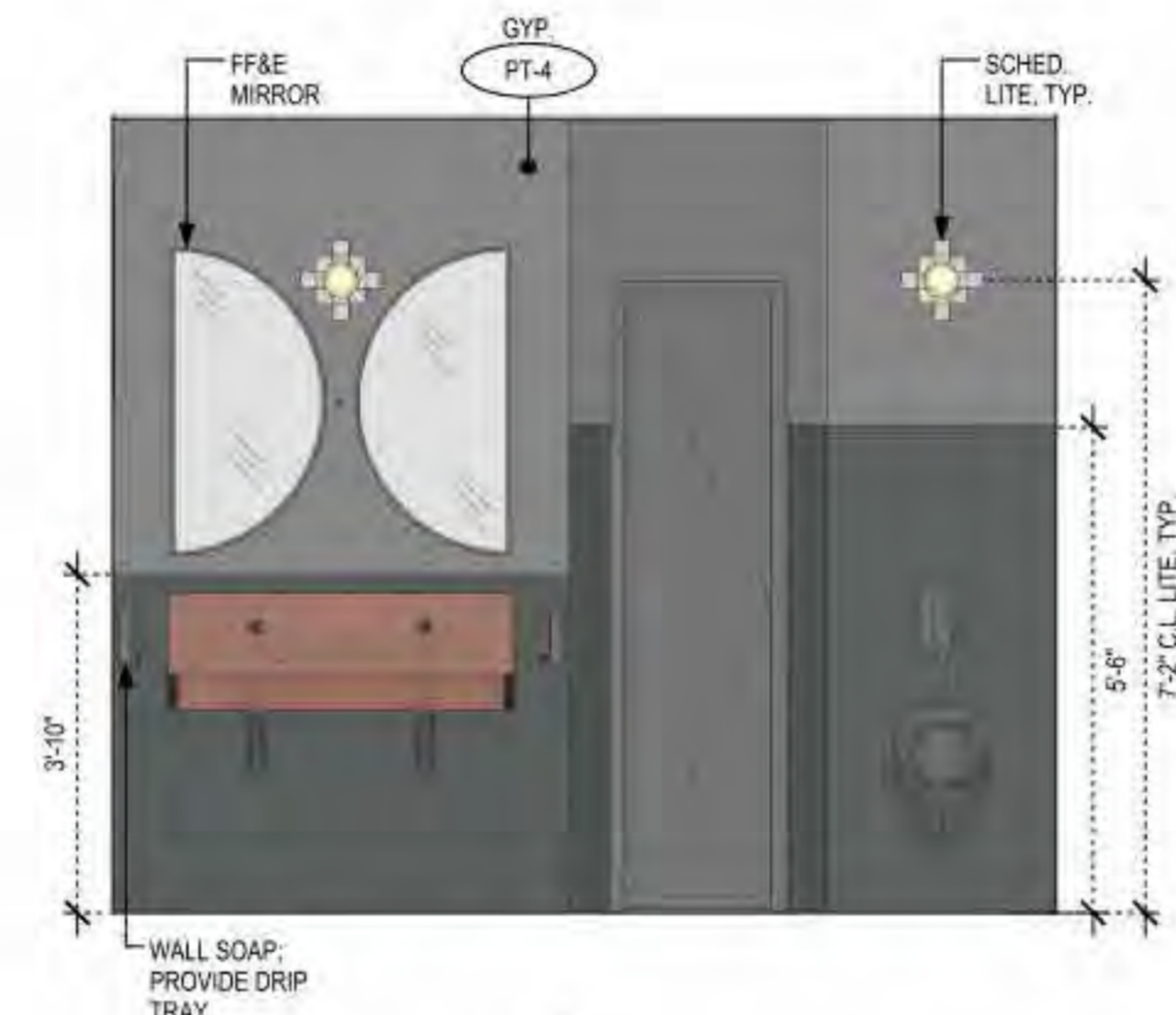
E



A



B

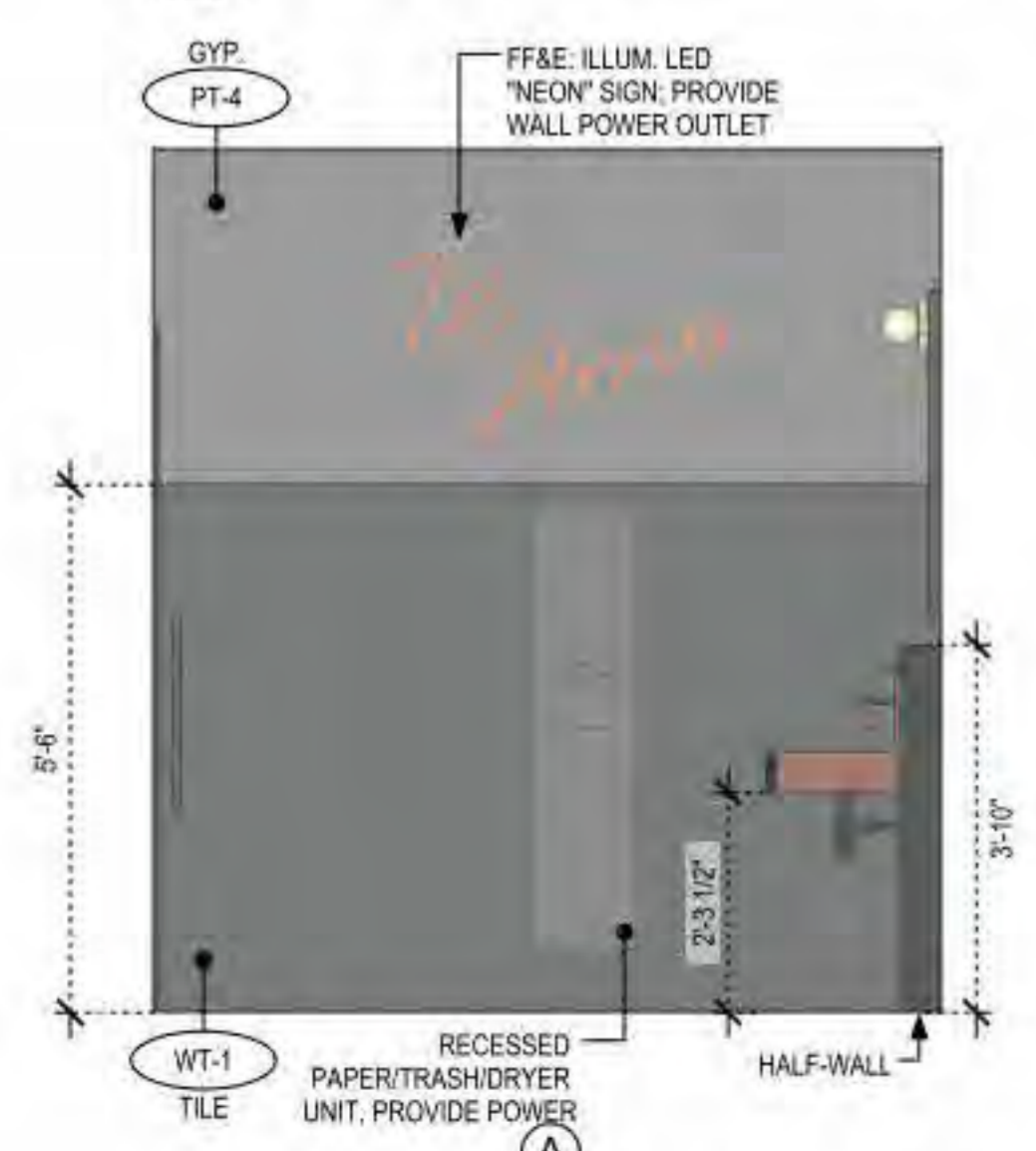


C

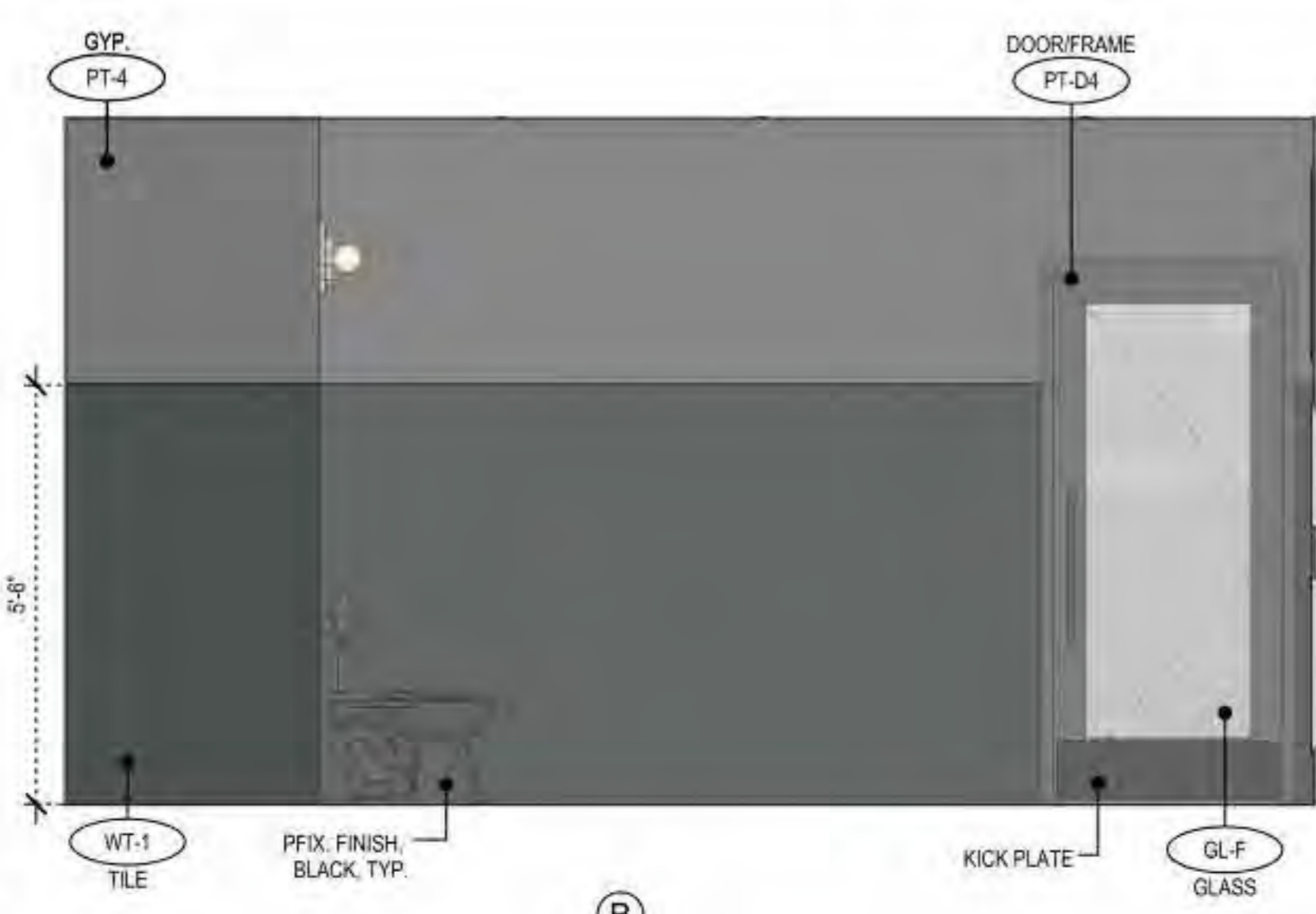


D

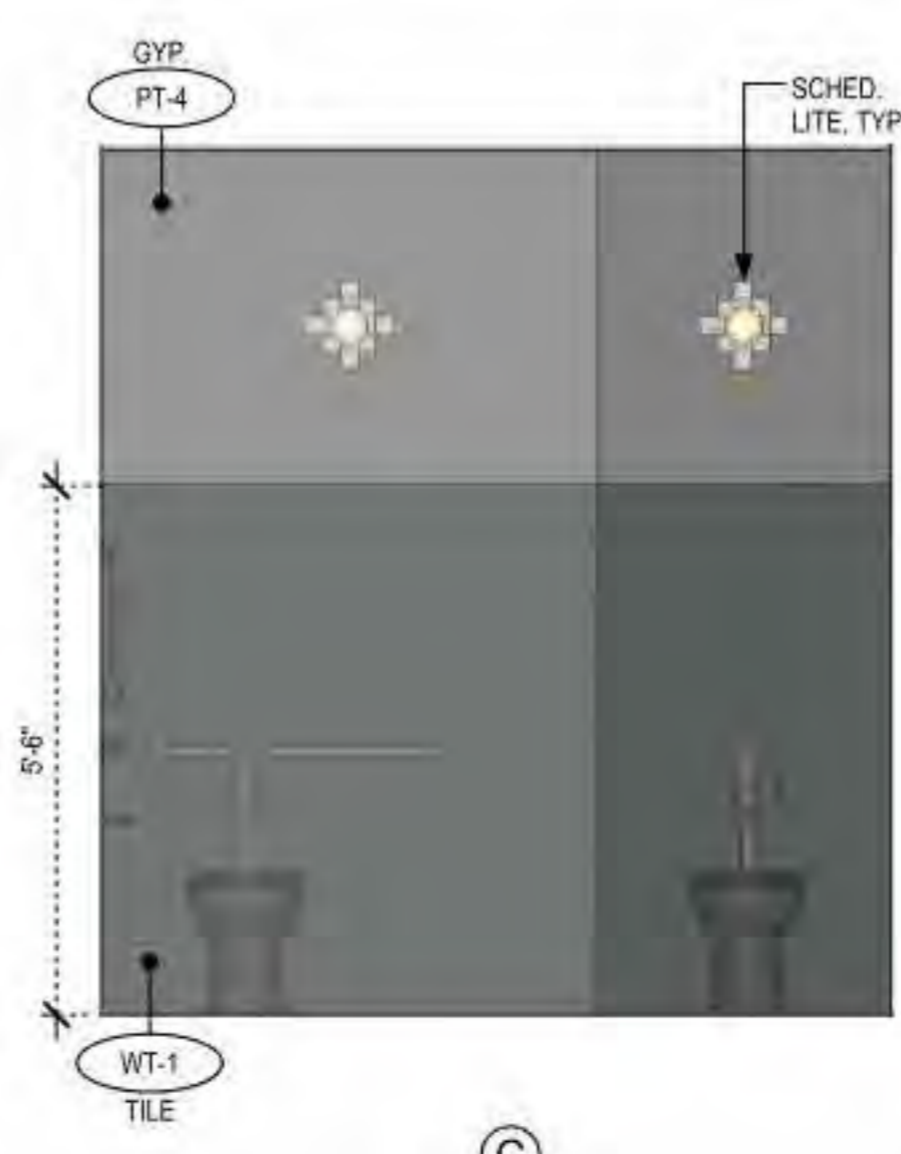
2 SECT. ELEV. - MENS RR
 A4.6 1/2" = 1'-0"



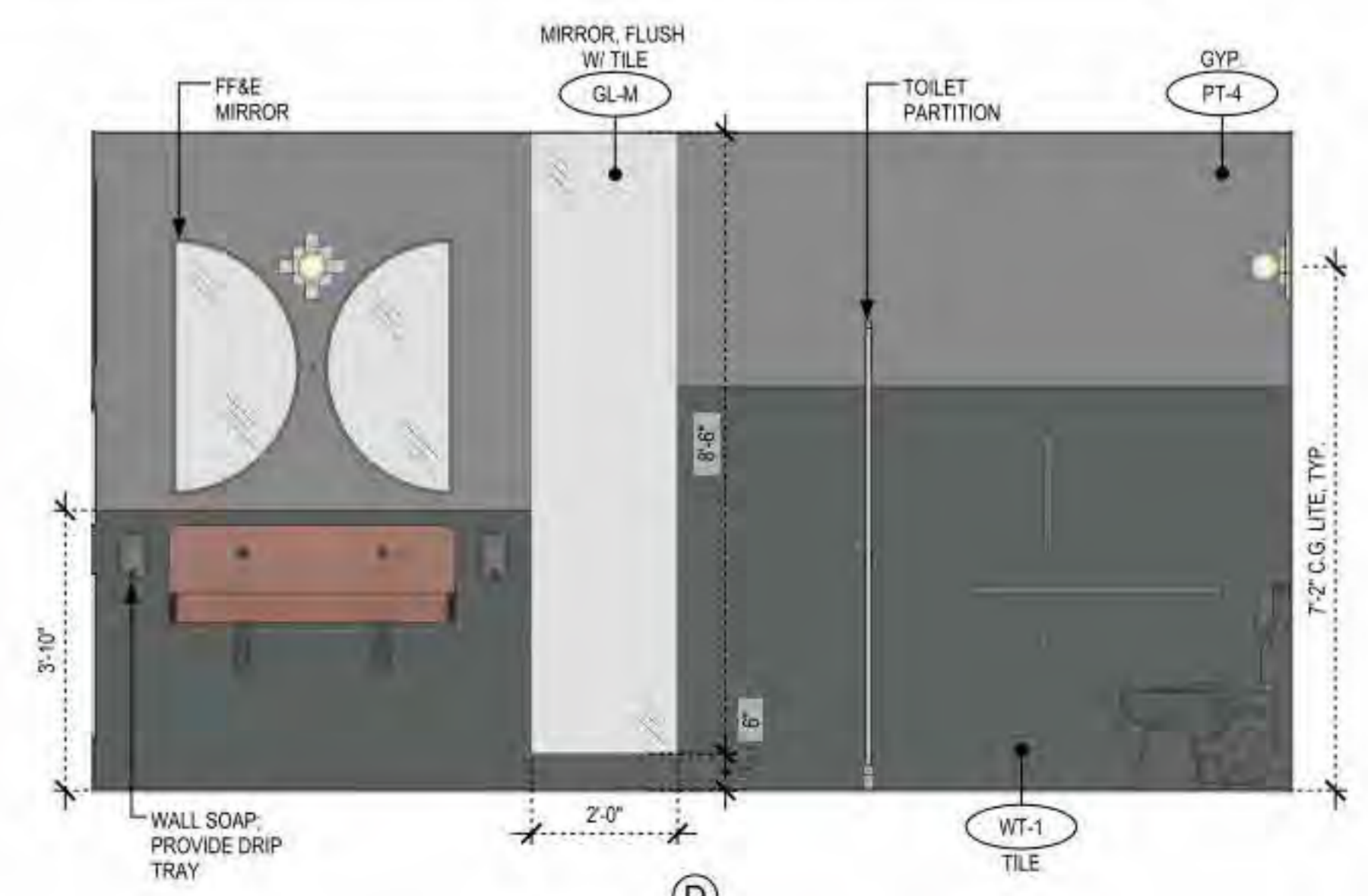
A



B

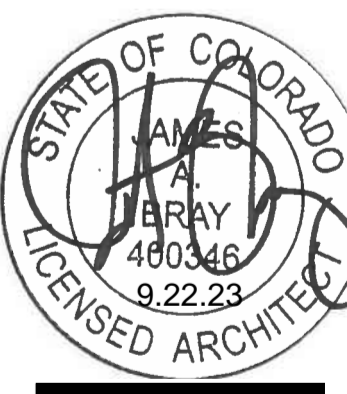


C



D

1 SECT. ELEV. - WOMENS RR
 A4.6 1/2" = 1'-0"



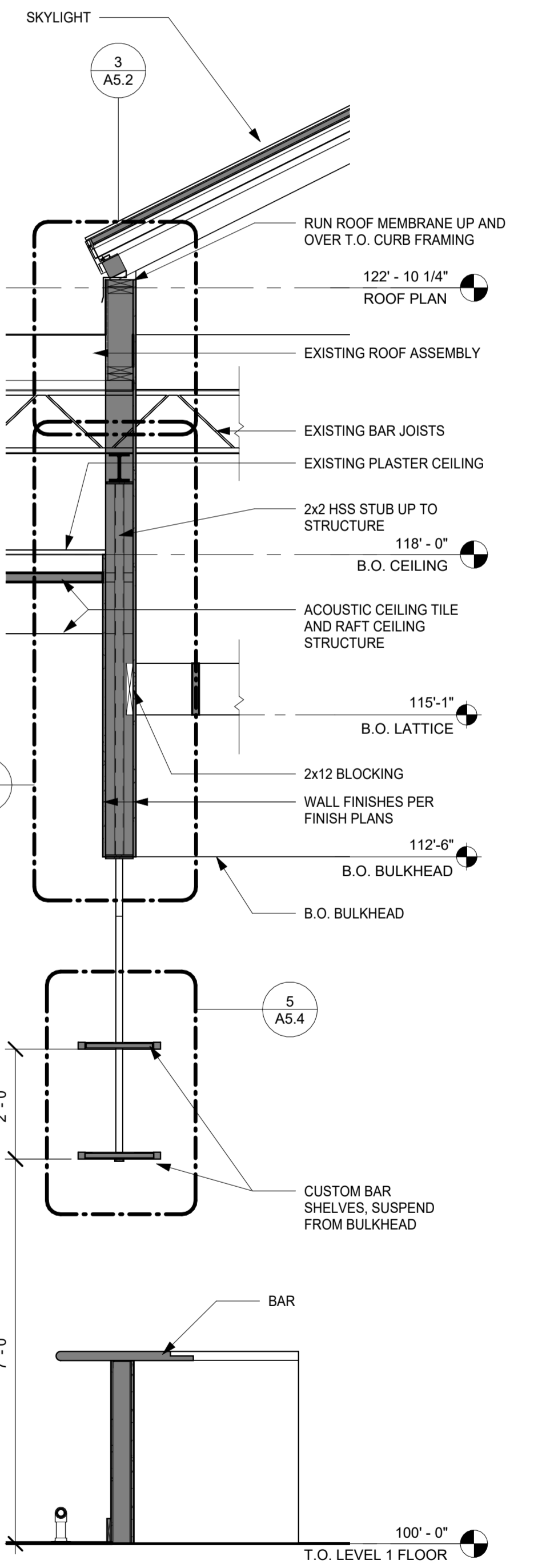
PROJECT No: 202305
ISSUE DATE: 09/22/23
REVISIONS:

SHEET TITLE:

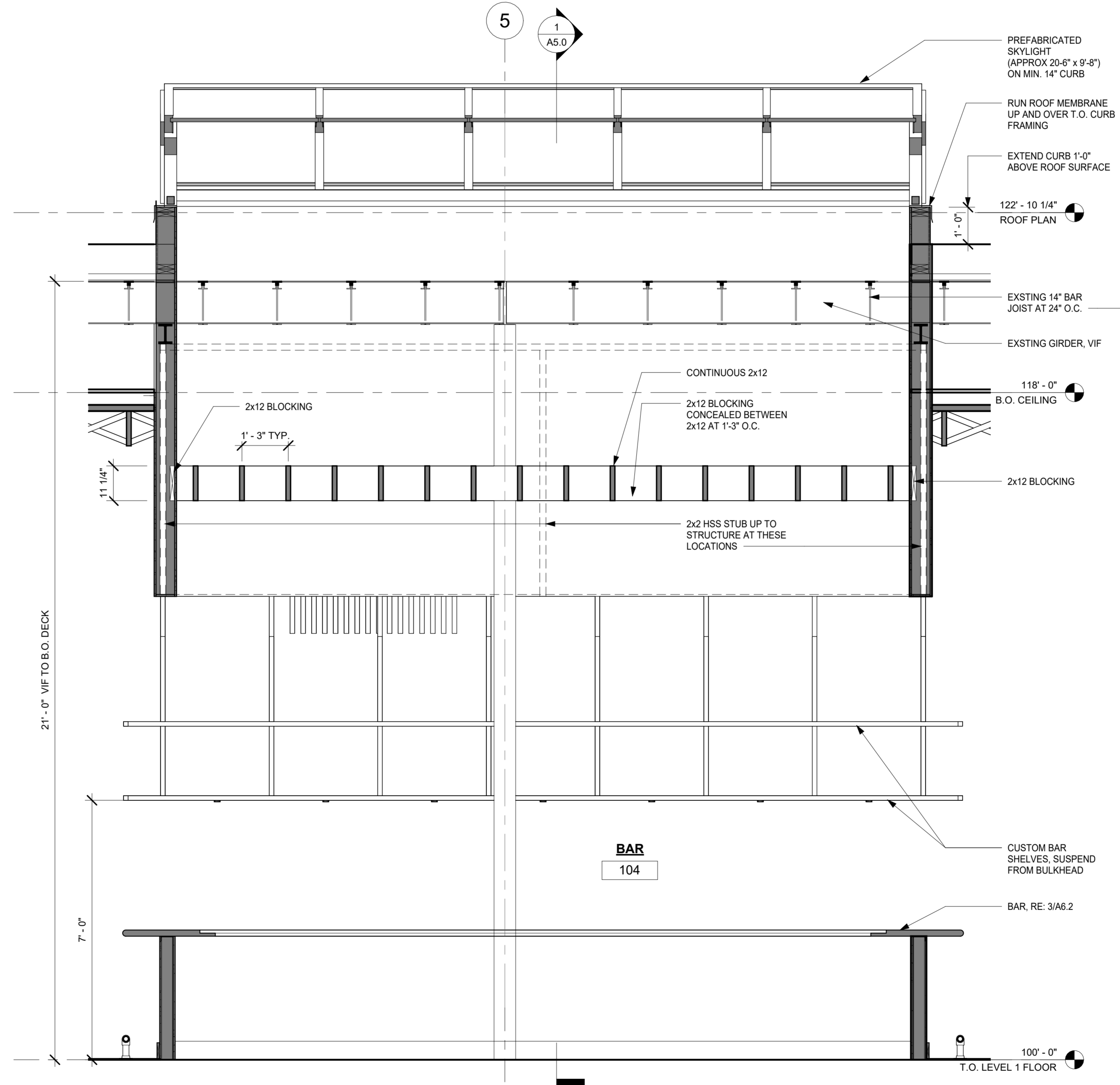
WALL SECTIONS

SHEET NUMBER:

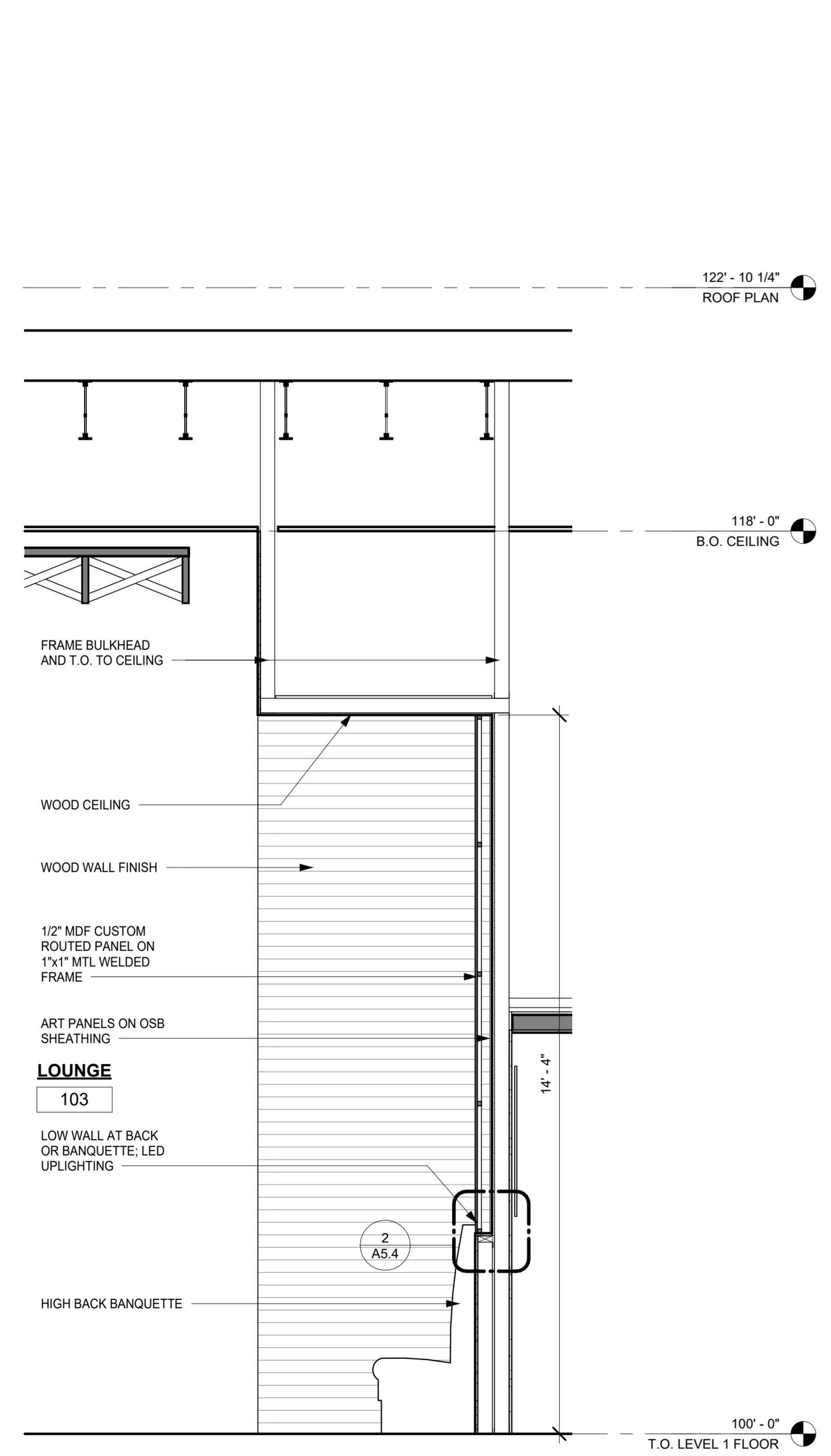
A5.0



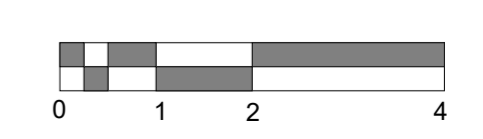
1 SECTION AT BAR / SKYLIGHT
A5.0 1/2" = 1'-0"

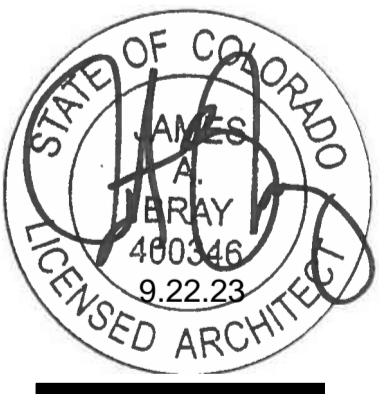


2 BAR / SKYLIGHT DETAIL
A5.0 1/2" = 1'-0"



3 SECTION AT CEILING TRANSITION
A5.0 1/2" = 1'-0"

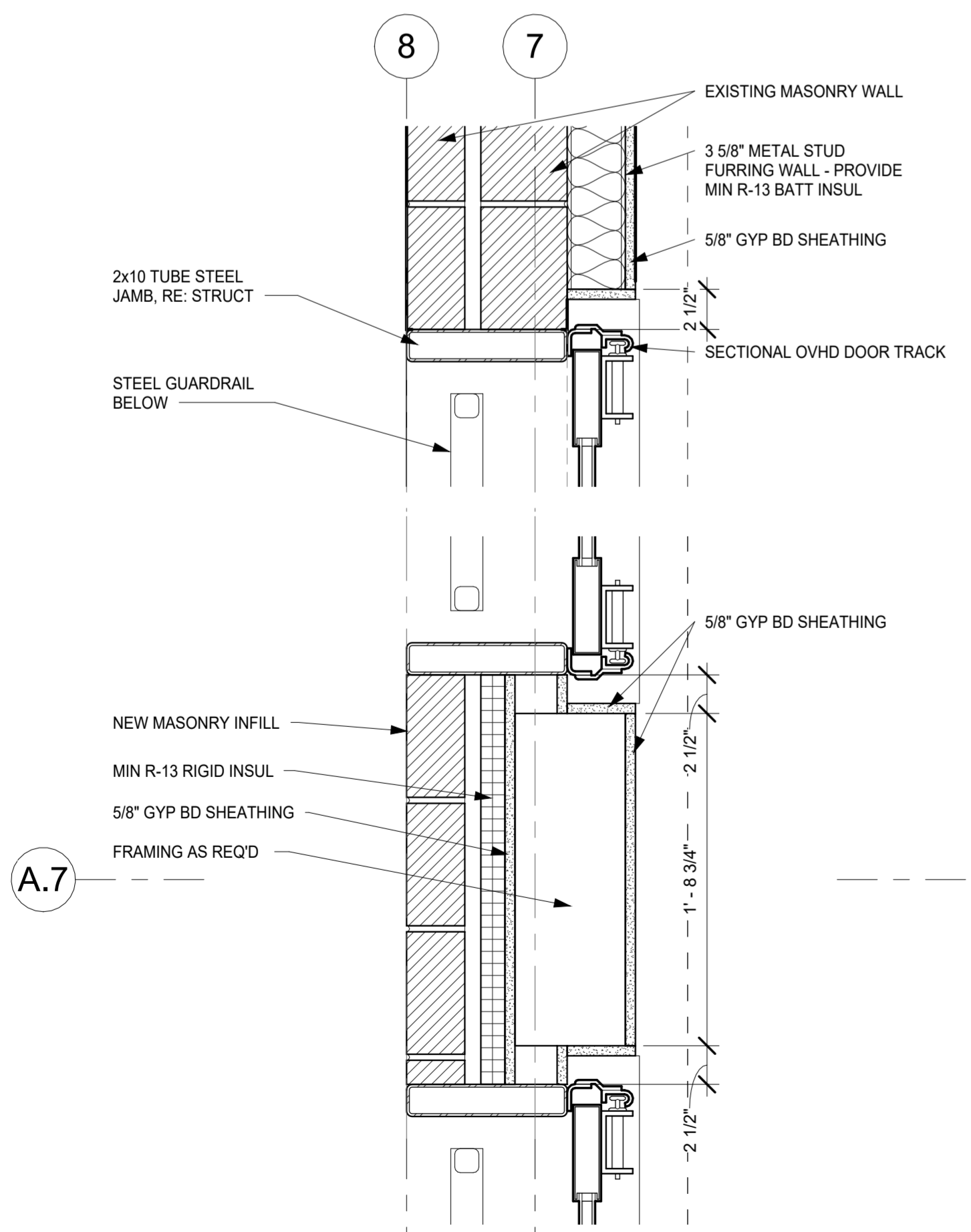
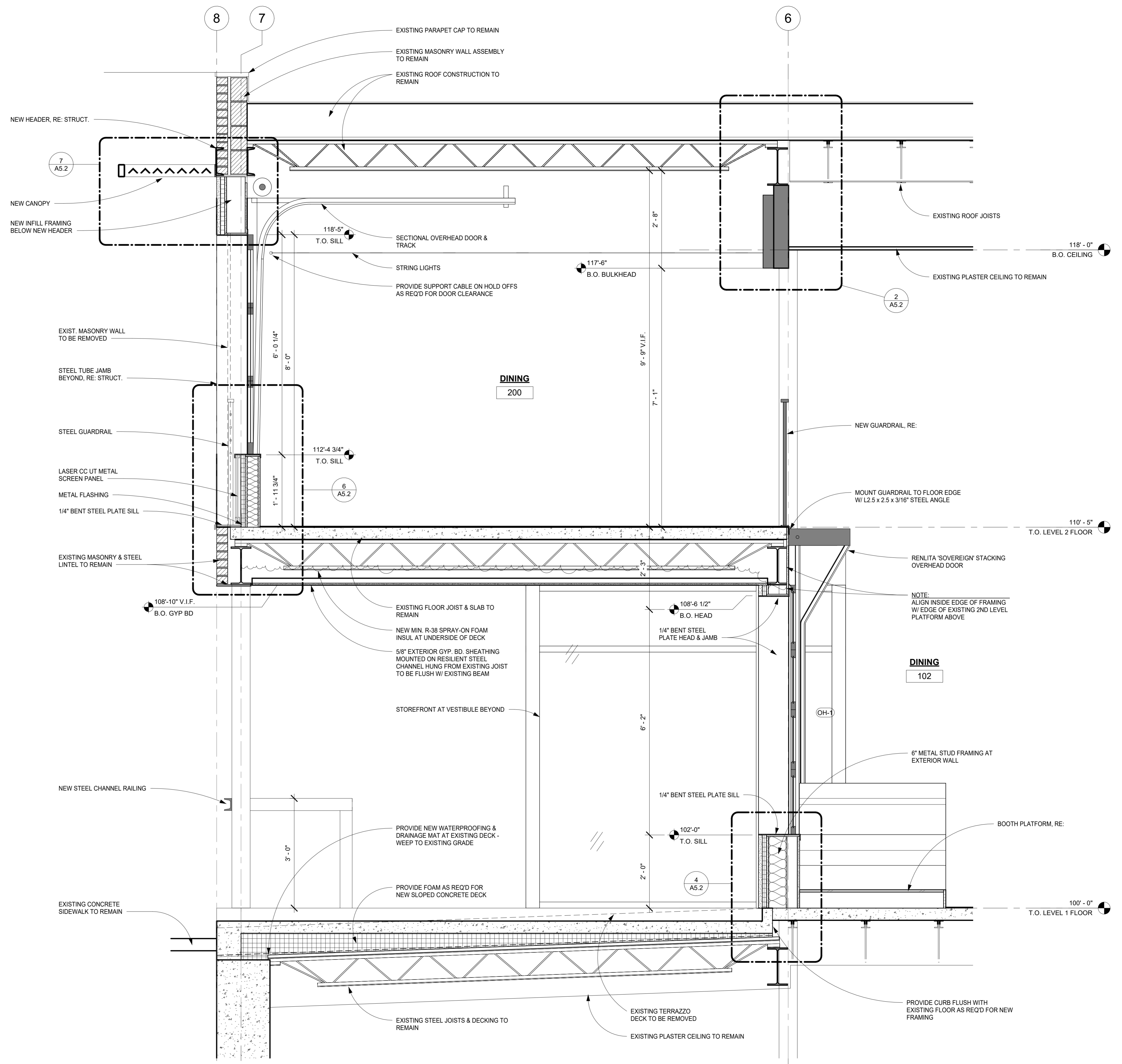




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REVISIONS:	1 ASI 2 6/18/20

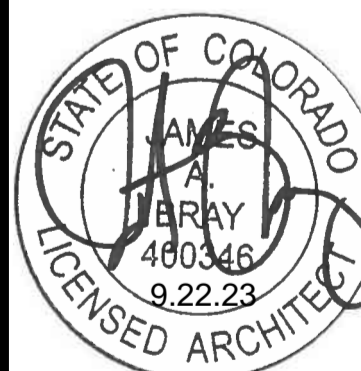
SHEET TITLE:
WALL SECTIONS

SHEET NUMBER:



2 OVHD DOOR JAMB
A5.1 1 1/2\" = 1'-0"

1 SECOND FLOOR DINING PLATFORM SECTION
A5.1 3/4\" = 1'-0"

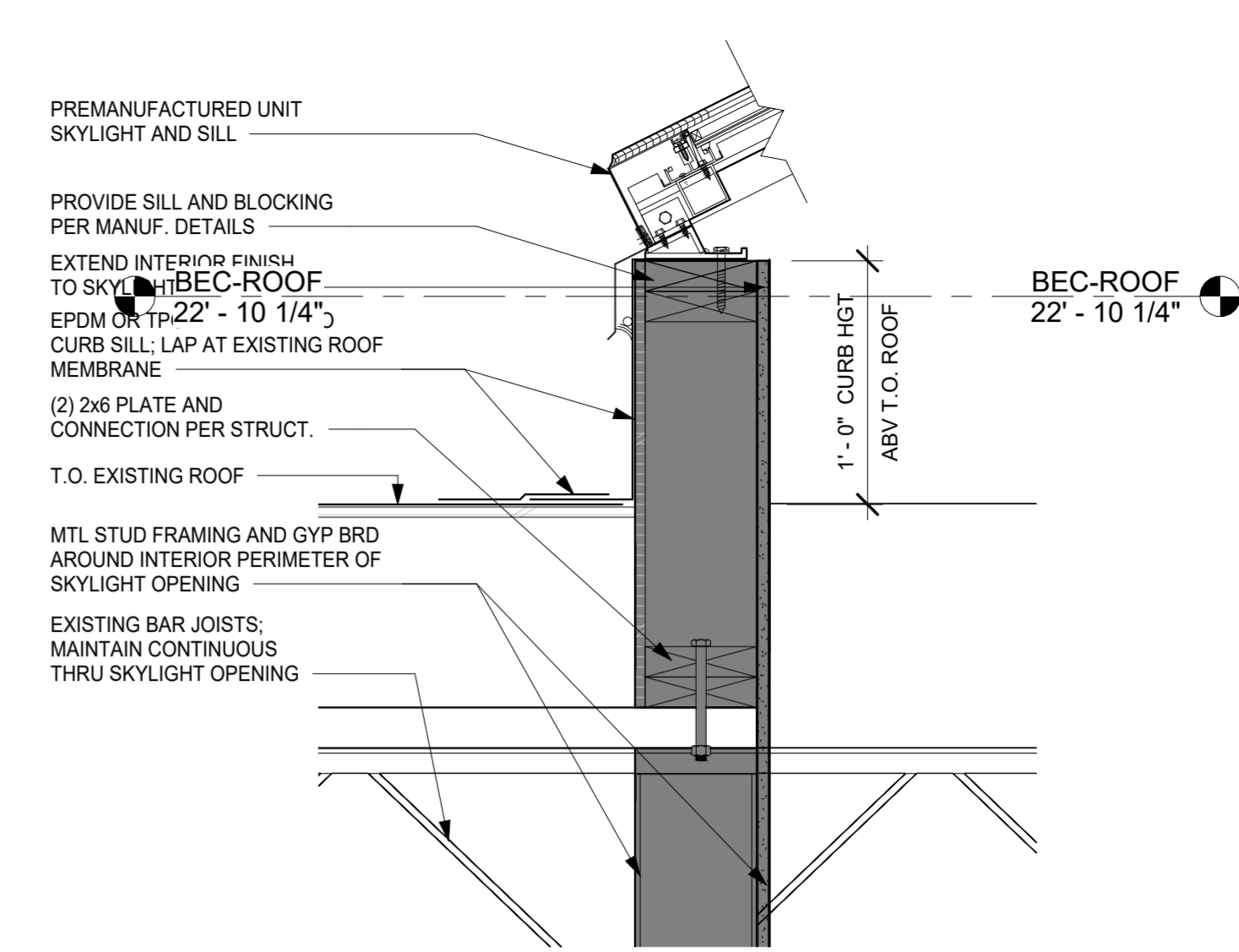


PROJECT No: 202305
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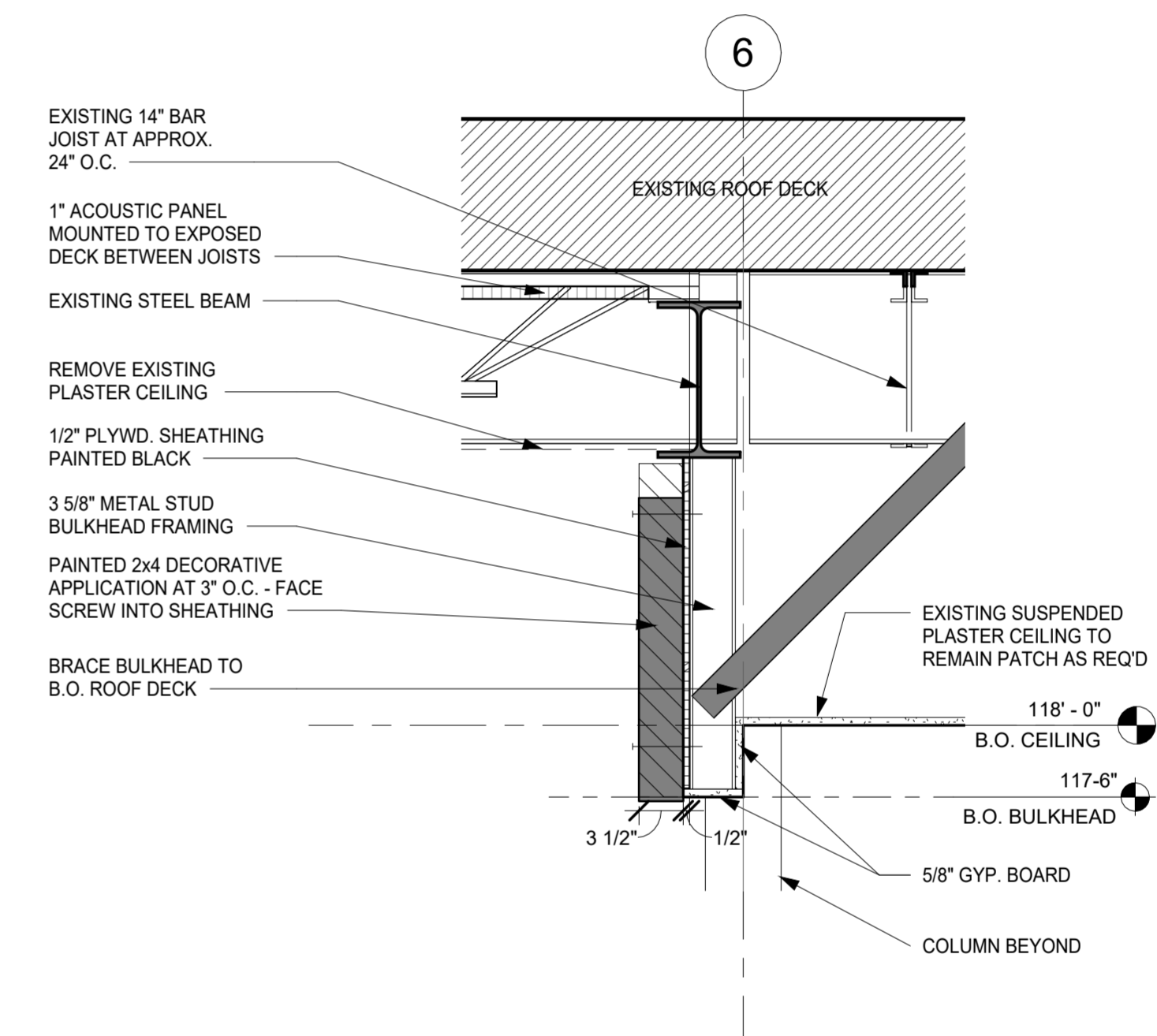
SHEET TITLE:

DETAILS

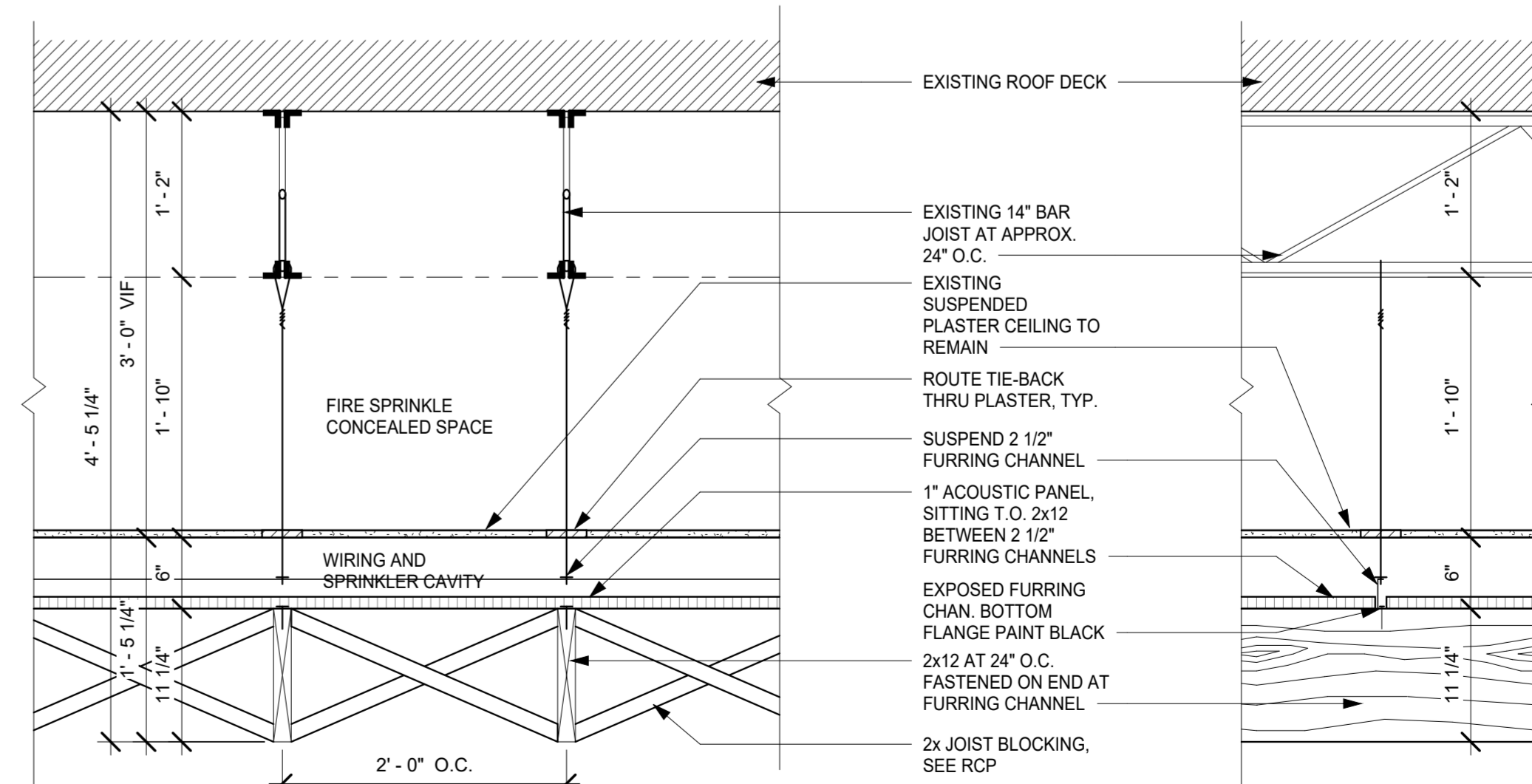
SHEET NUMBER:



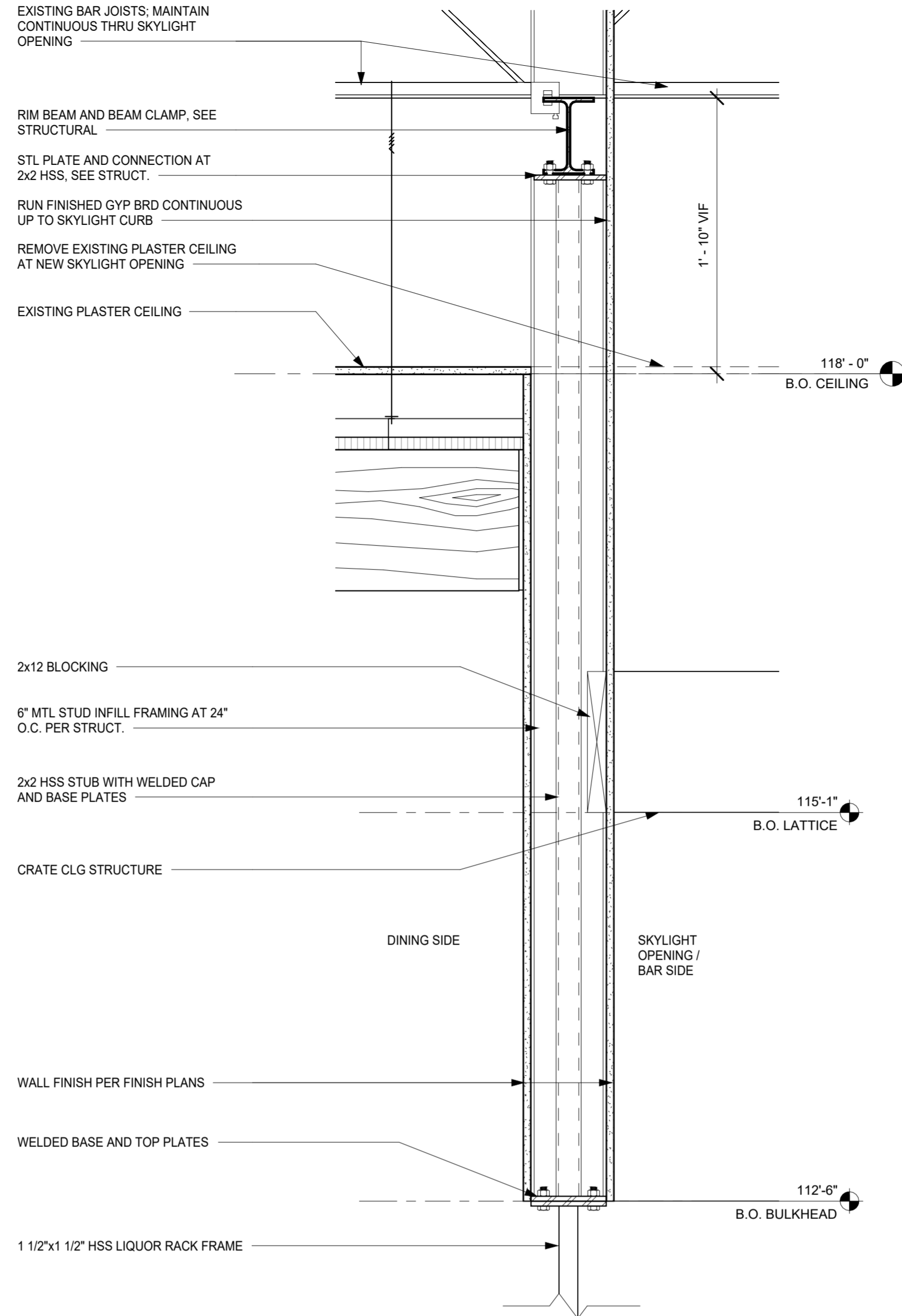
3 SKYLIGHT CURB DETAIL
A5.2 1 1/2" = 1'-0"



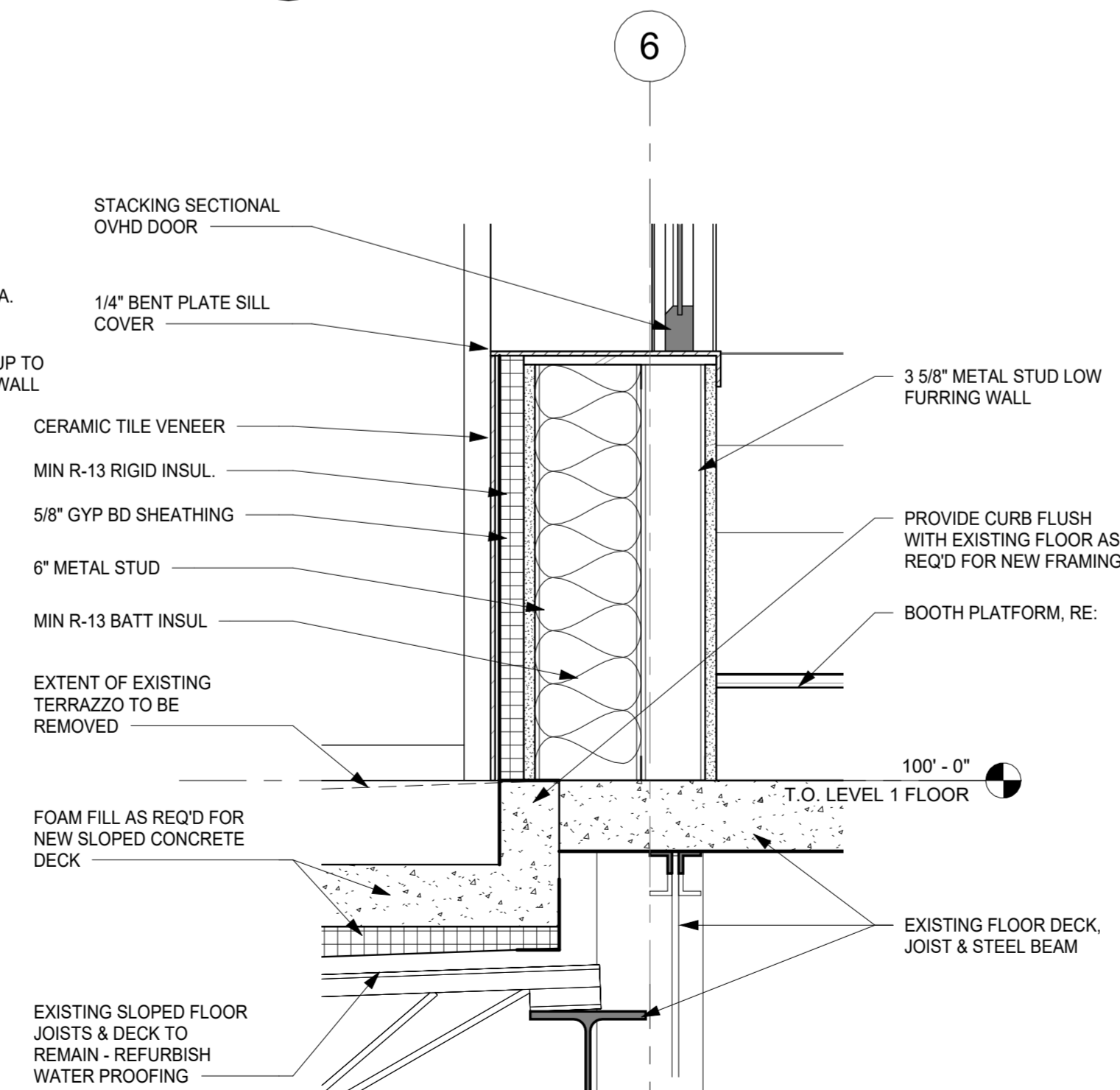
2 CEILING BULKHEAD TRANSITION
A5.2 1" = 1'-0"



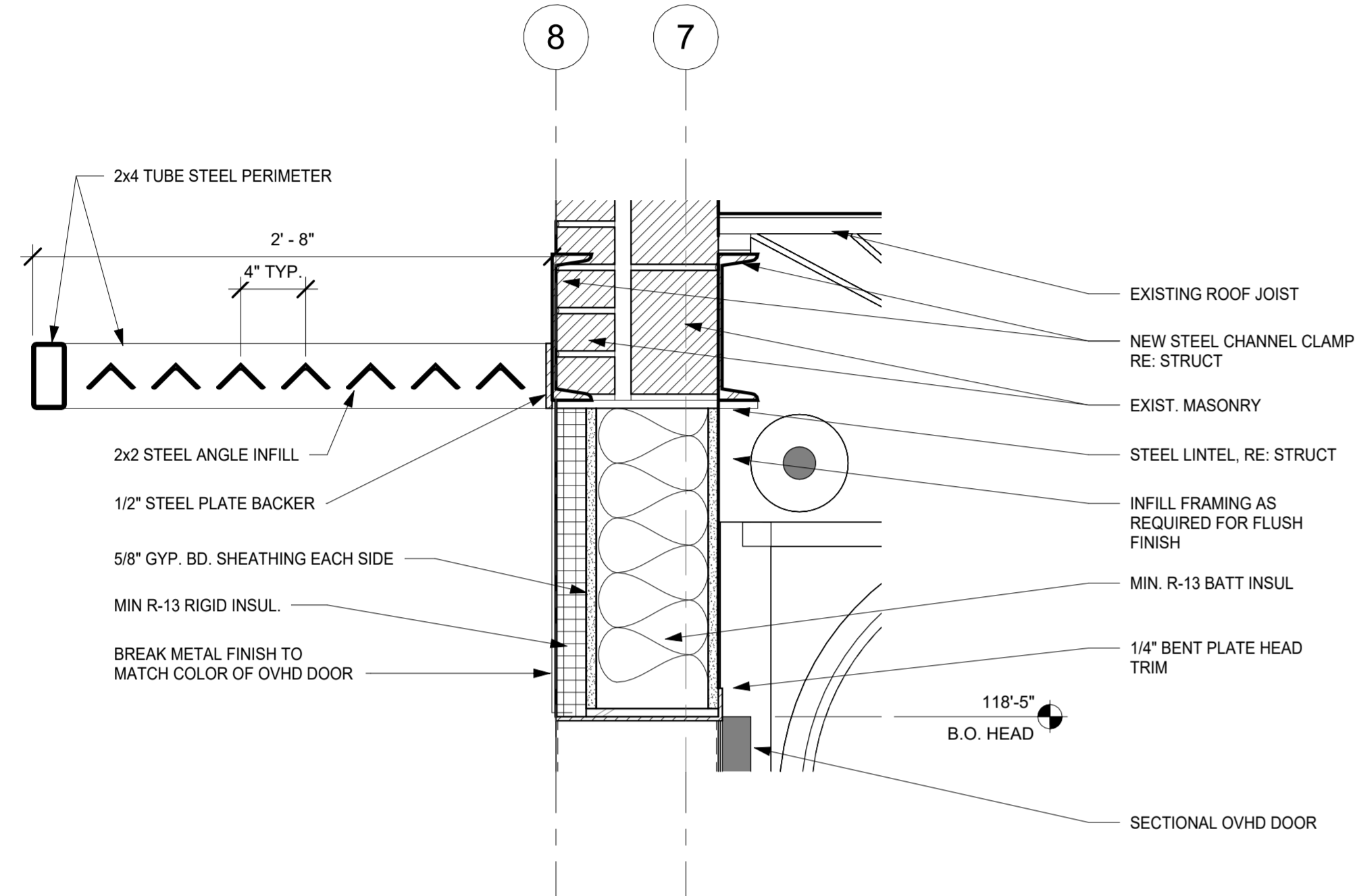
1 RAFT CEILING DETAIL
A5.2 1" = 1'-0"



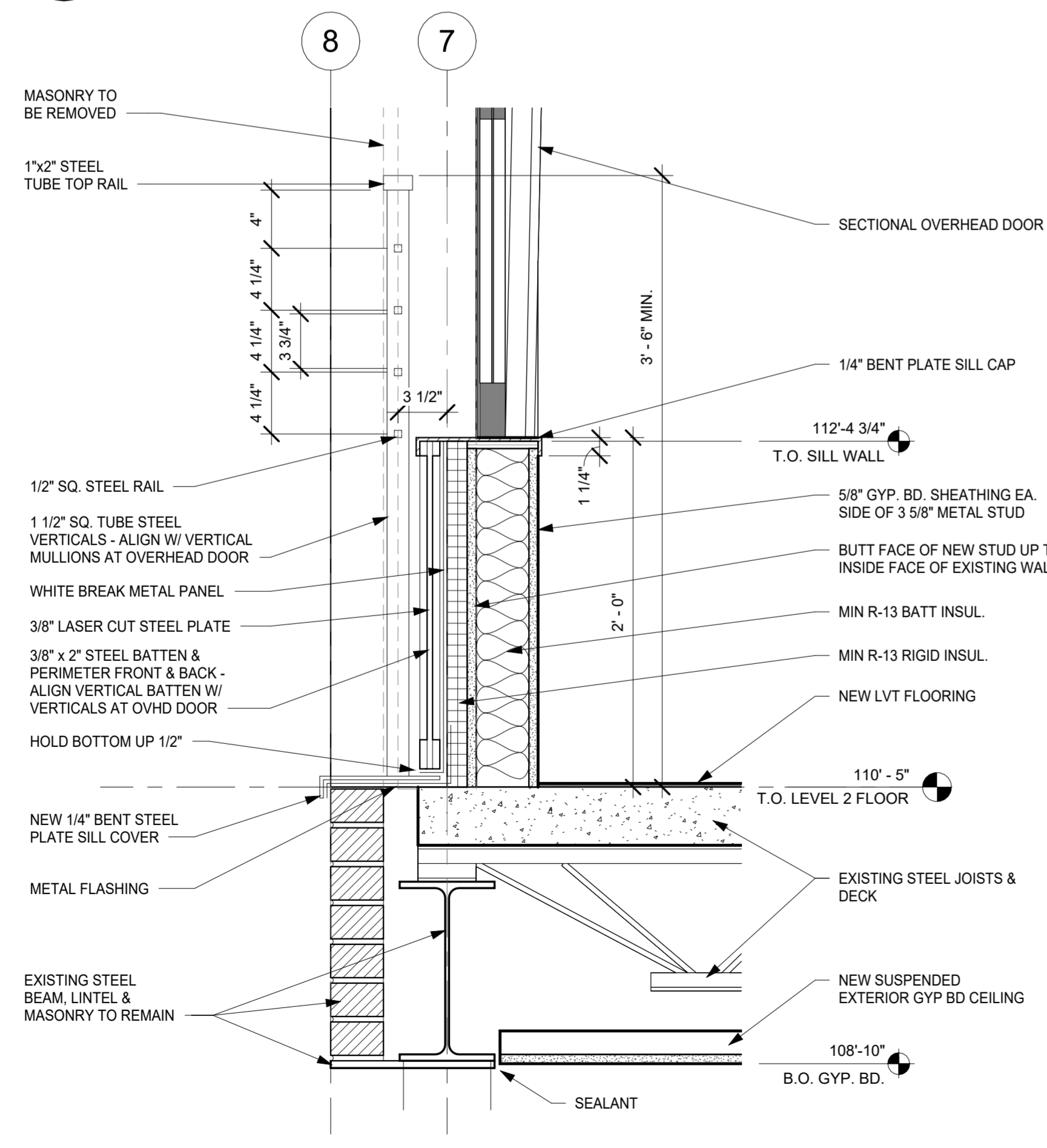
5 BAR BULKHEAD
A5.2 1 1/2" = 1'-0"



4 FIRST LEVEL SILL DETAIL
A5.2 1 1/2" = 1'-0"

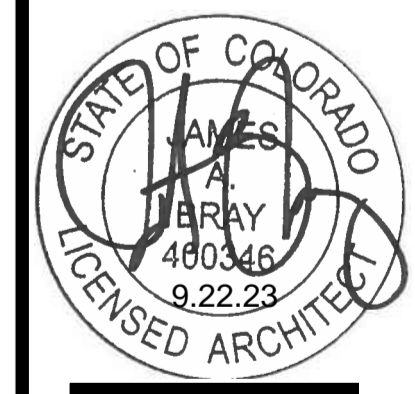


7 SECOND LEVEL HEAD DETAIL
A5.2 1 1/2" = 1'-0"



6 SECOND LEVEL SILL DETAIL
A5.2 1 1/2" = 1'-0"





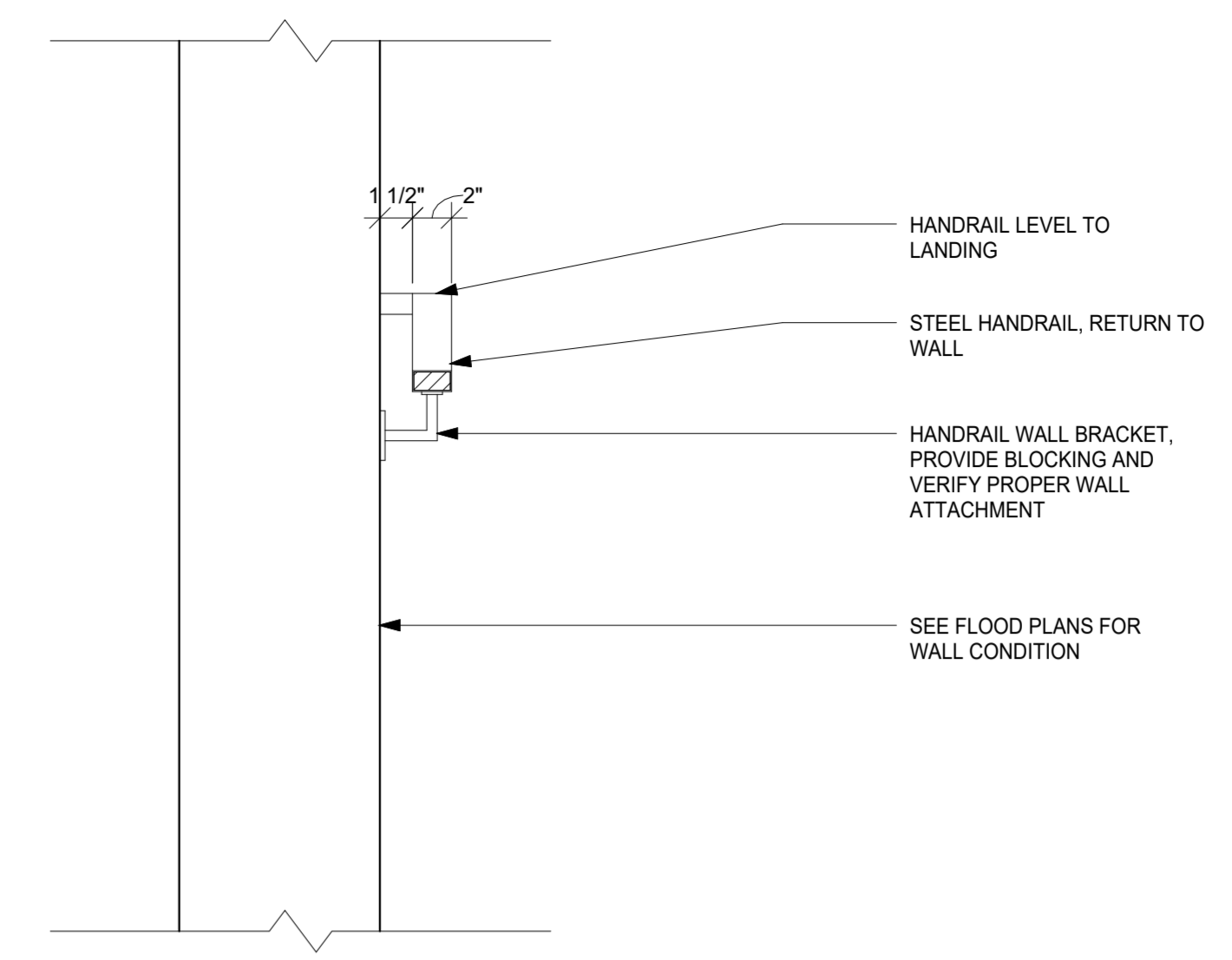
PROJECT No: 202305
 ISSUE DATE: 09/22/23
 REVISIONS:

SHEET TITLE:

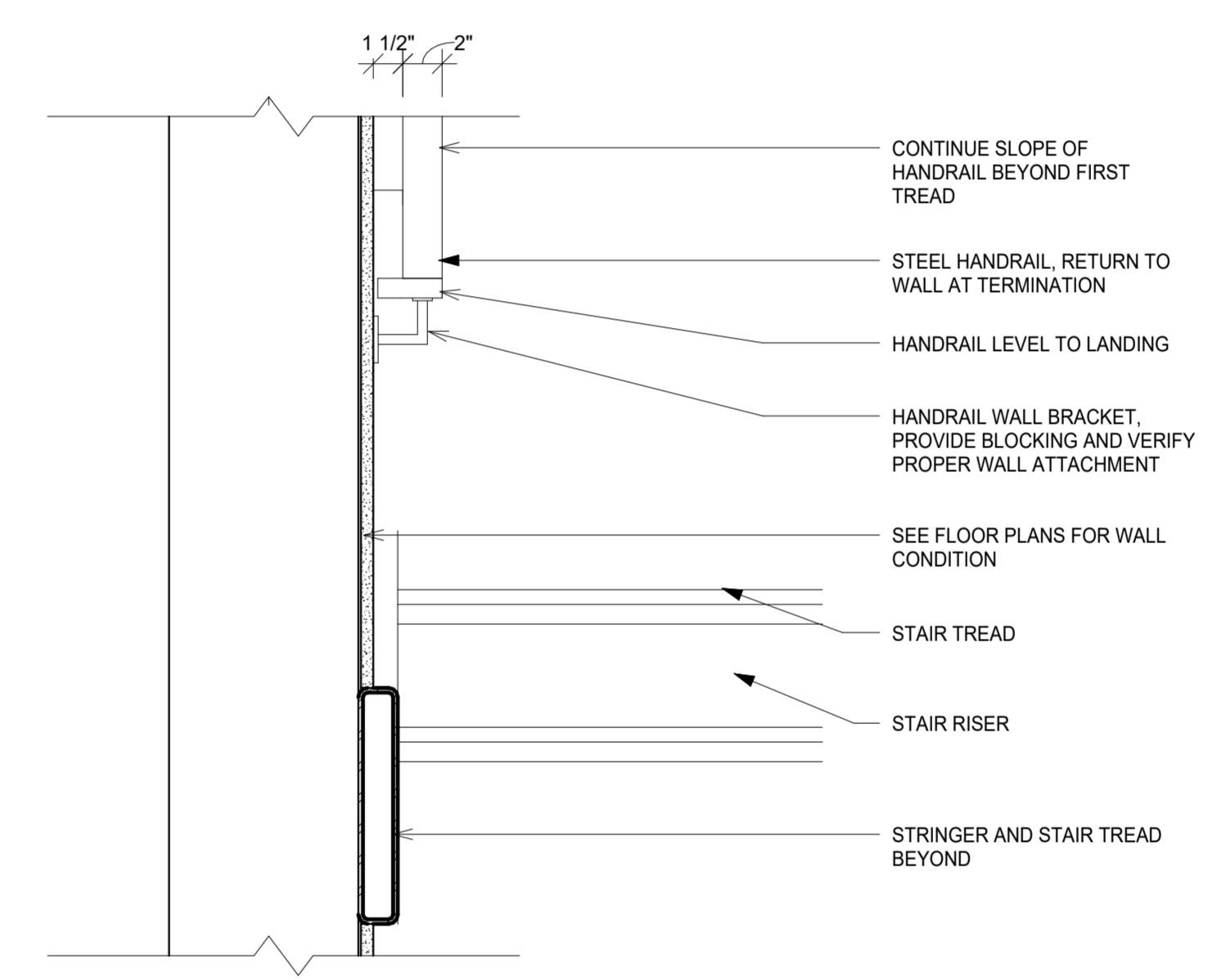
RAILING DETAILS

SHEET NUMBER:

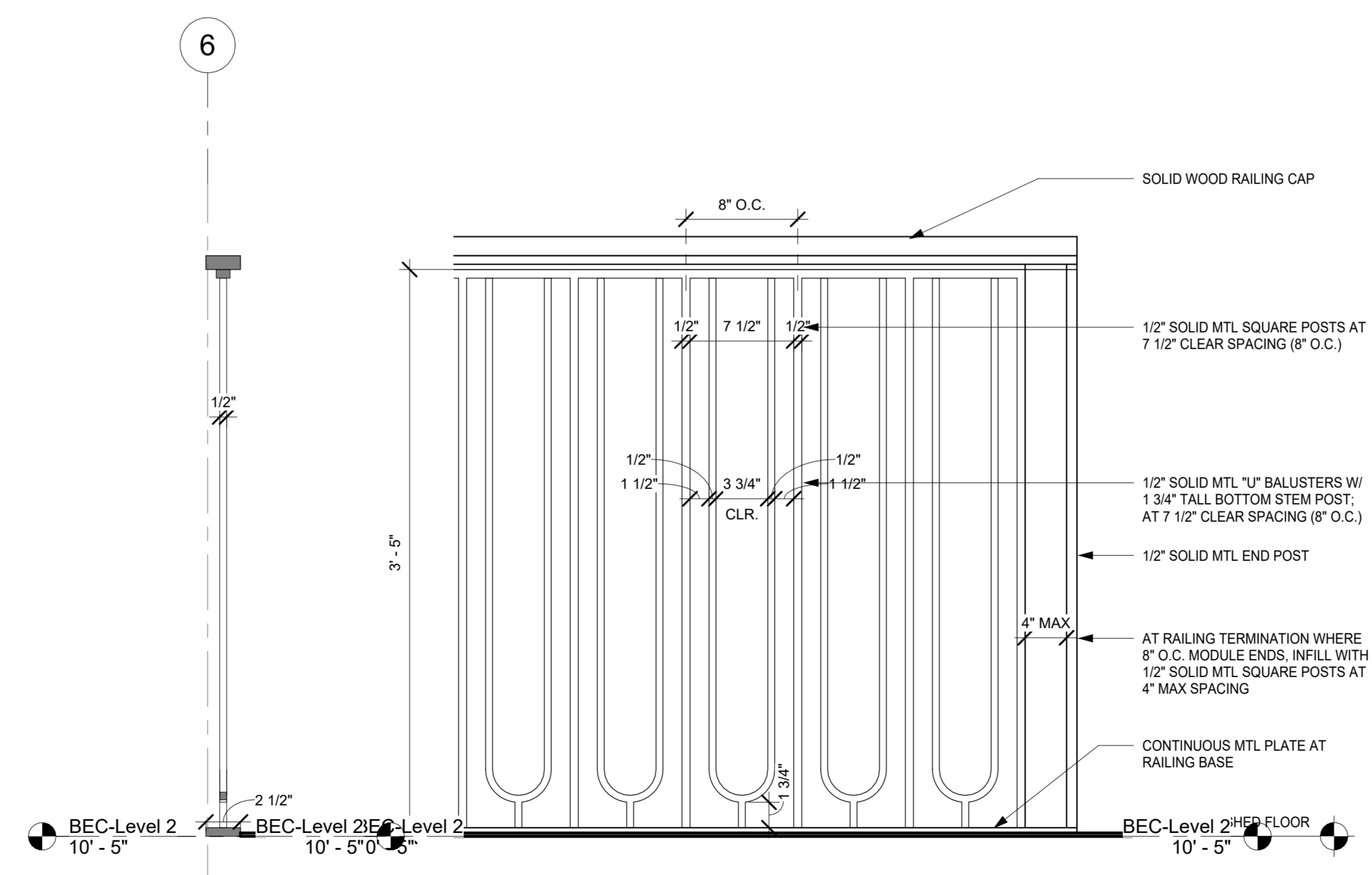
A5.3



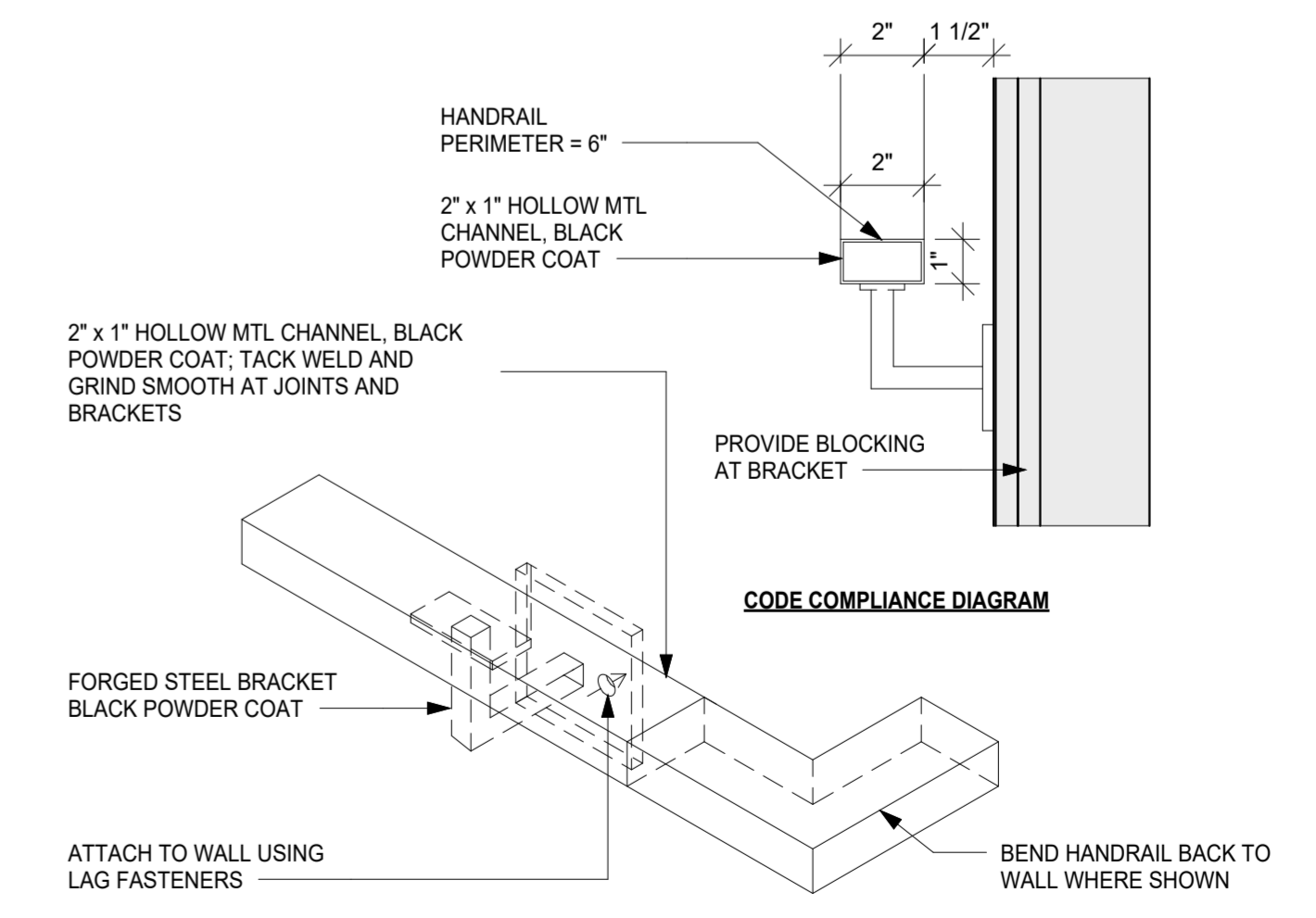
3 HANDRAIL TOP LANDING, TYP.
 A5.3 1 1/2" = 1'-0"



2 HANDRAIL BOTTOM LANDING, TYP.
 A5.3 1 1/2" = 1'-0"

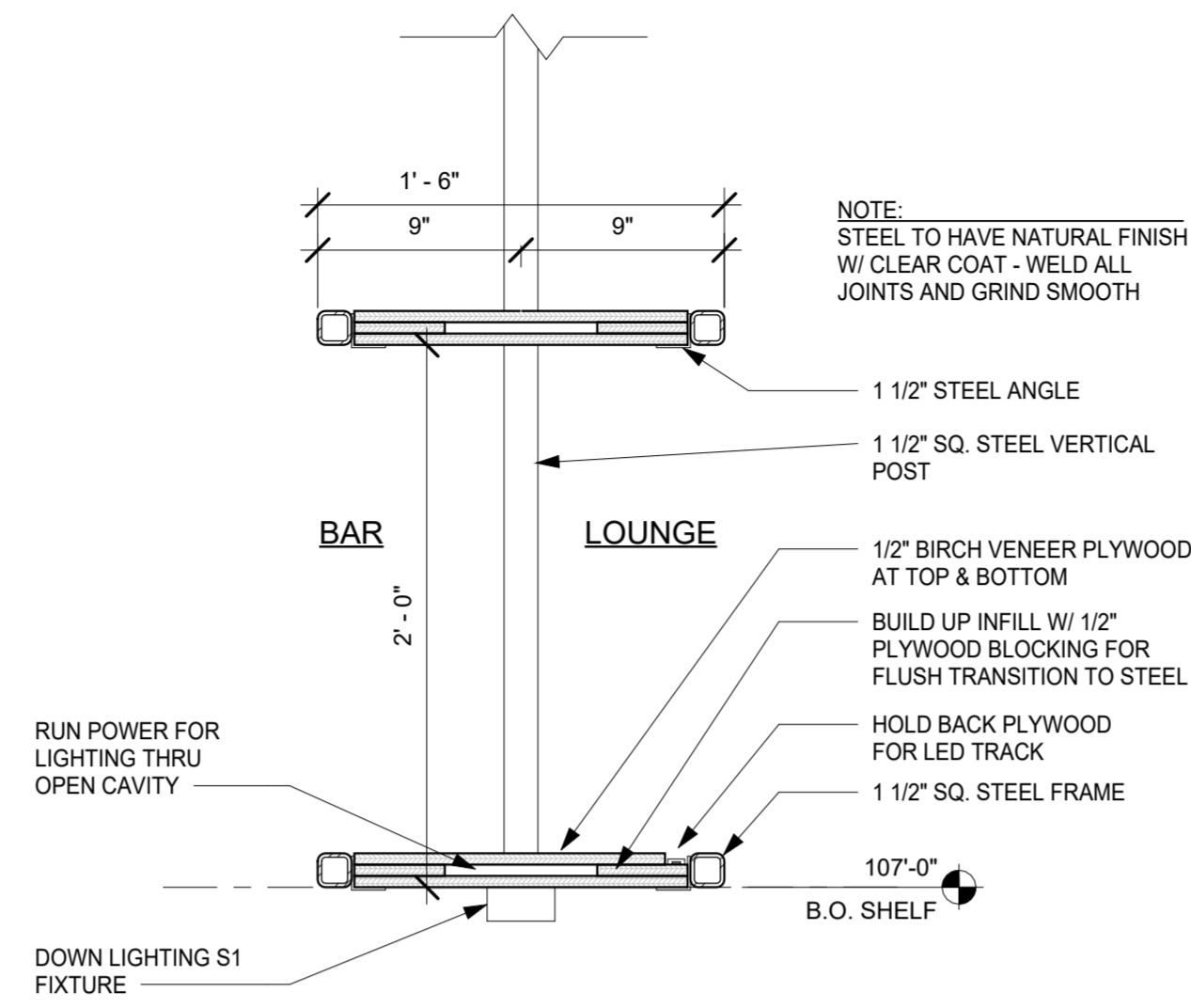


4 TYPICAL DECORATIVE RAILING
 A5.3 1 1/2" = 1'-0"

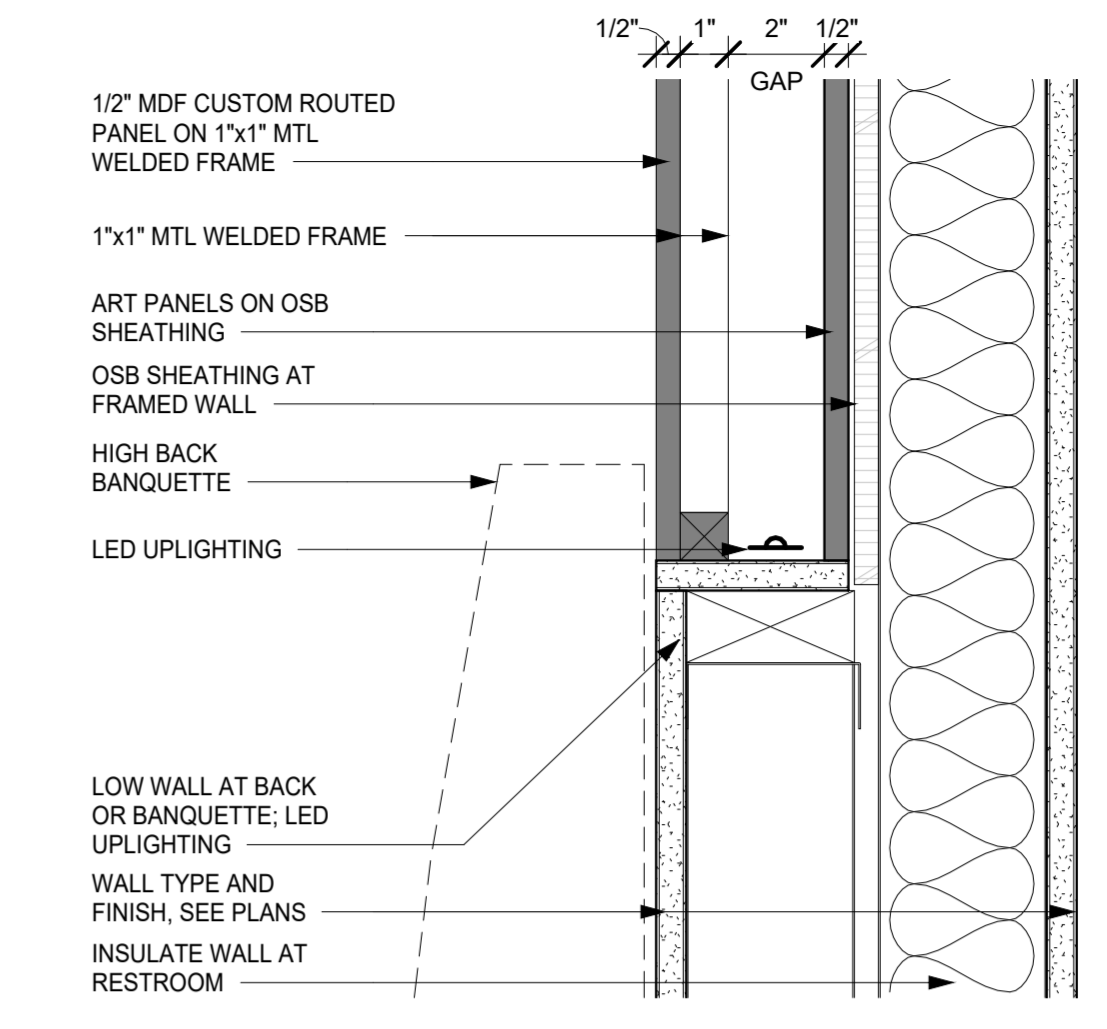


1 HANDRAIL PROFILE
 A5.3 3" = 1'-0"

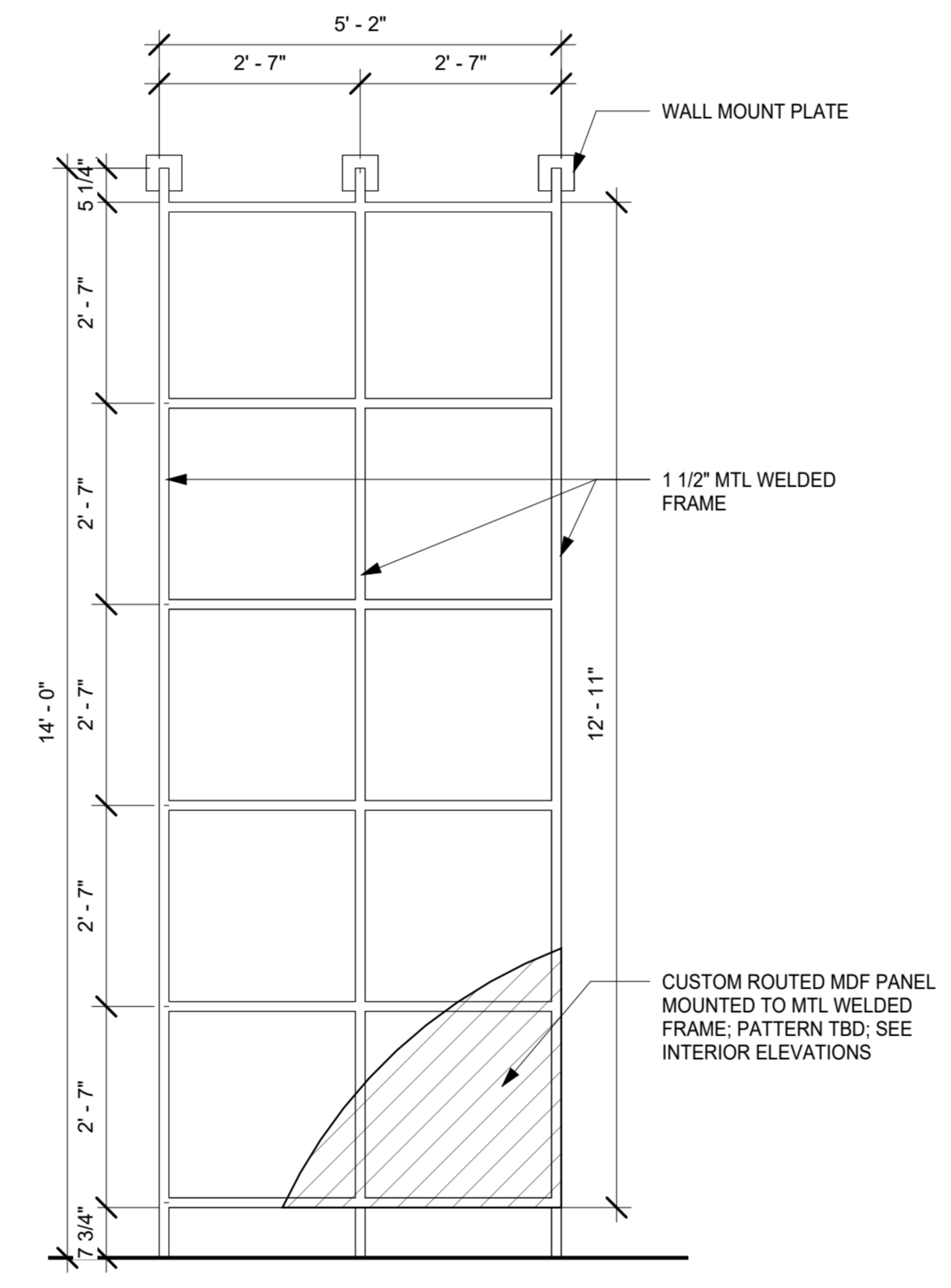
NOTES:
 -ALL SURFACES TO RECEIVE BLACK MAGIC FINISH
 -PROVIDE BLOCKING IN WALL AS REQ.



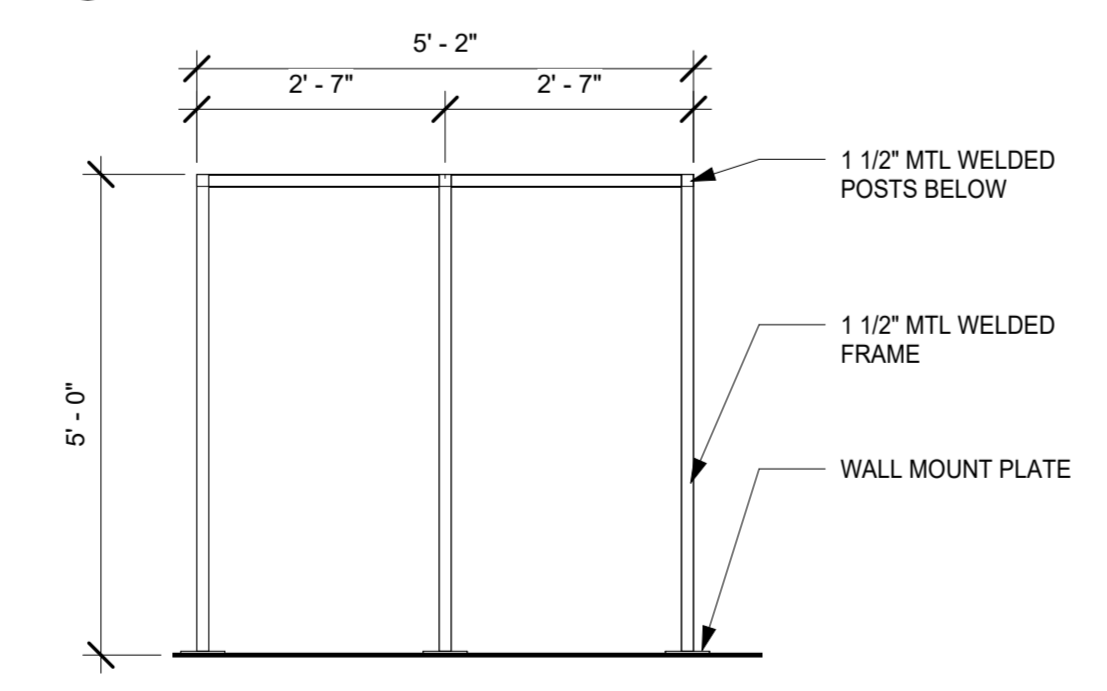
5 BAR SHELF DETAIL
A5.4 1/2" = 1'-0"



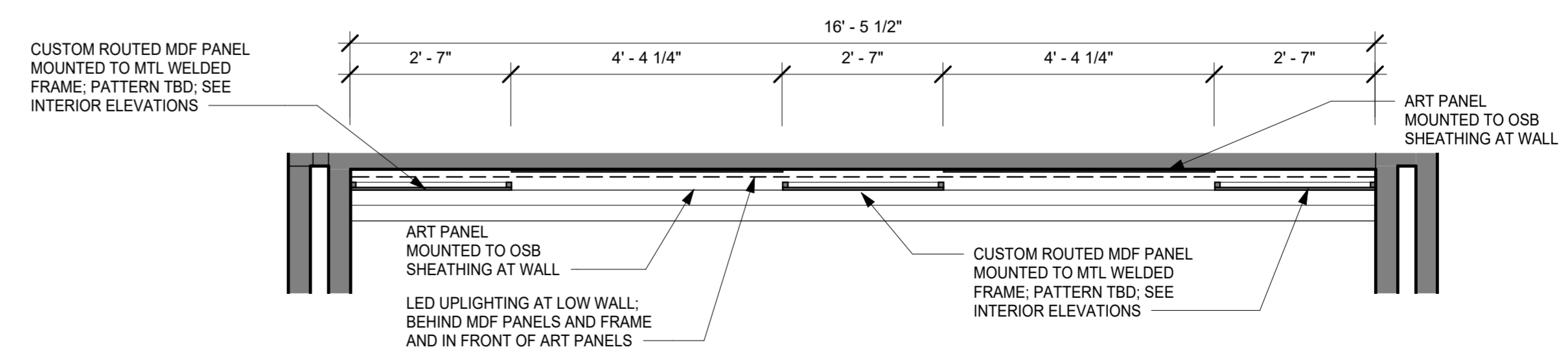
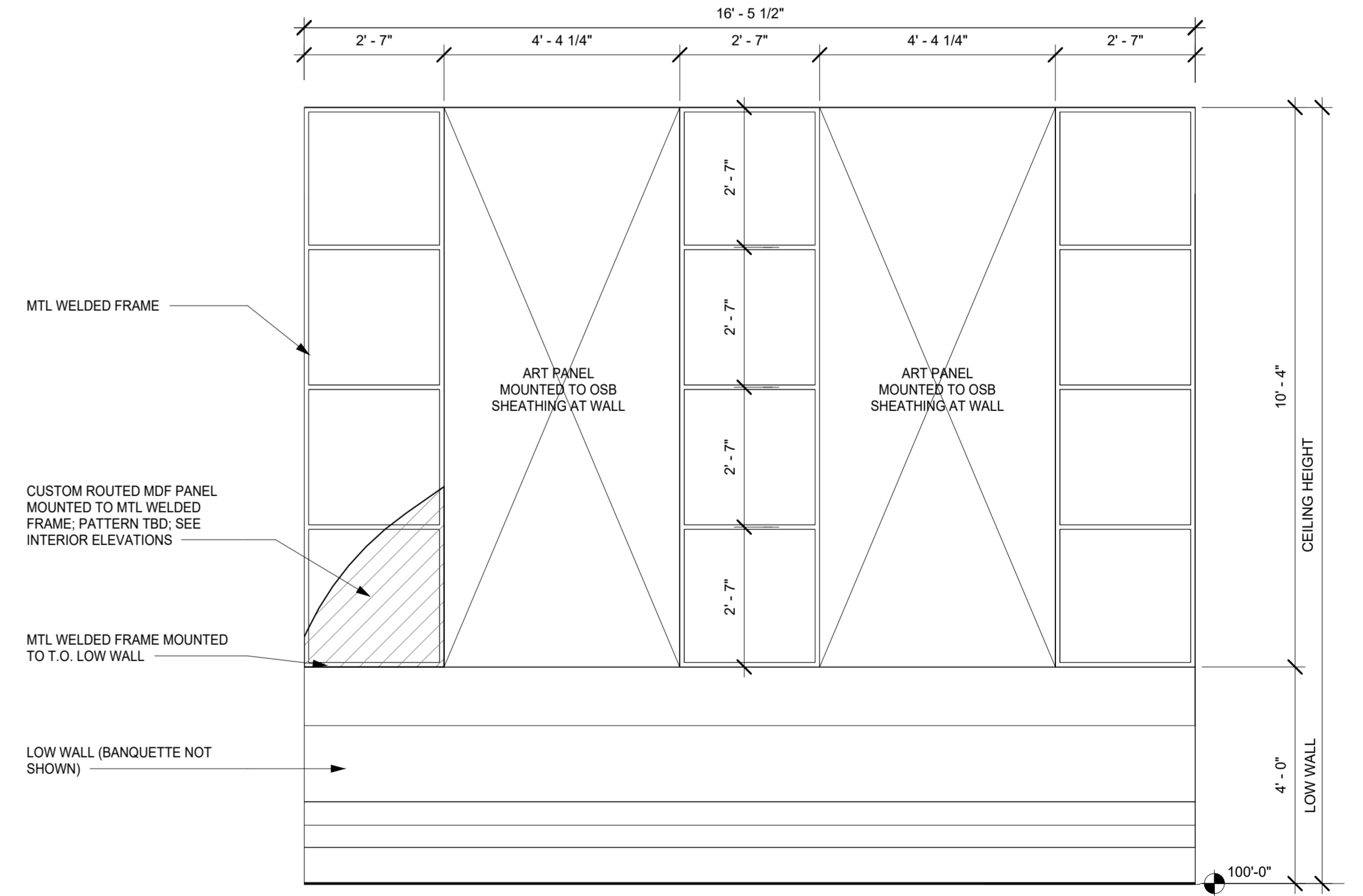
2 BANQUETTE WALL DETAIL
A5.4 3" = 1'-0"



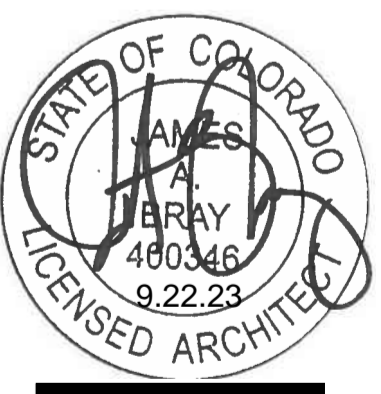
3 STAIR SCREEN ELEVATION
A5.4 1/2" = 1'-0"



4 STAIR SCREEN PLAN
A5.4 1/2" = 1'-0"

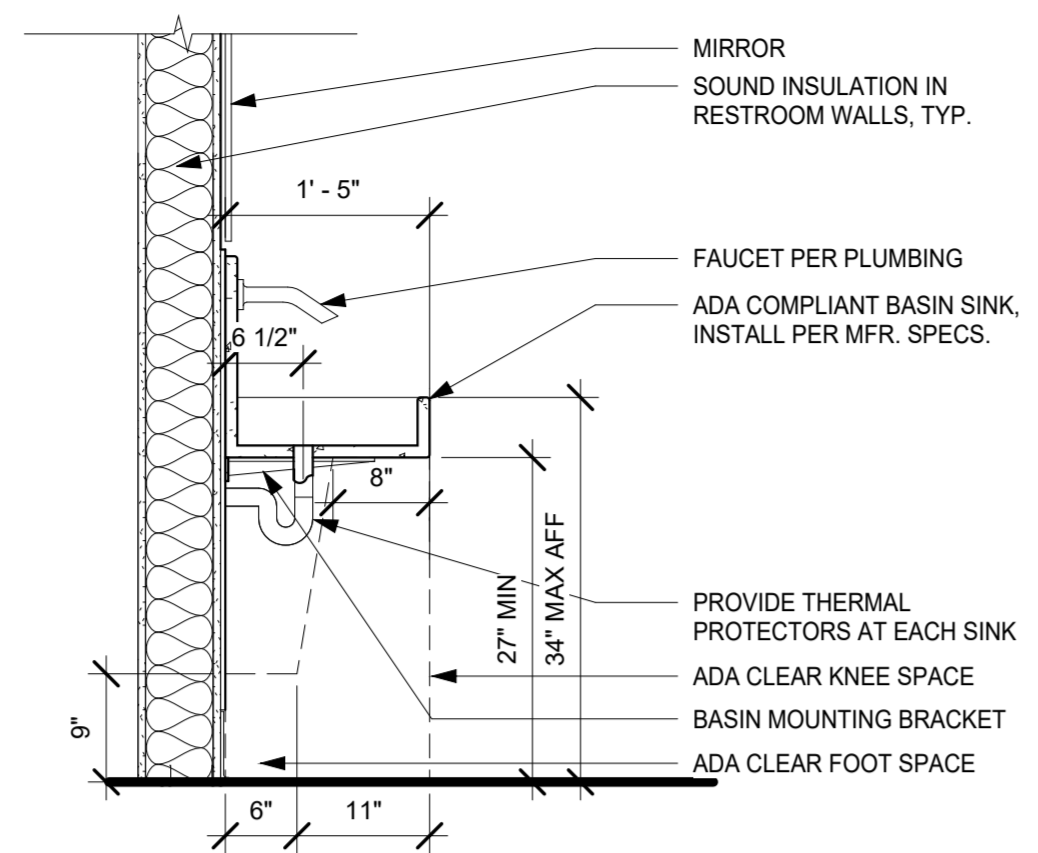


1 WALL TREATMENT AT BANQUETTE
A5.4 1/2" = 1'-0"

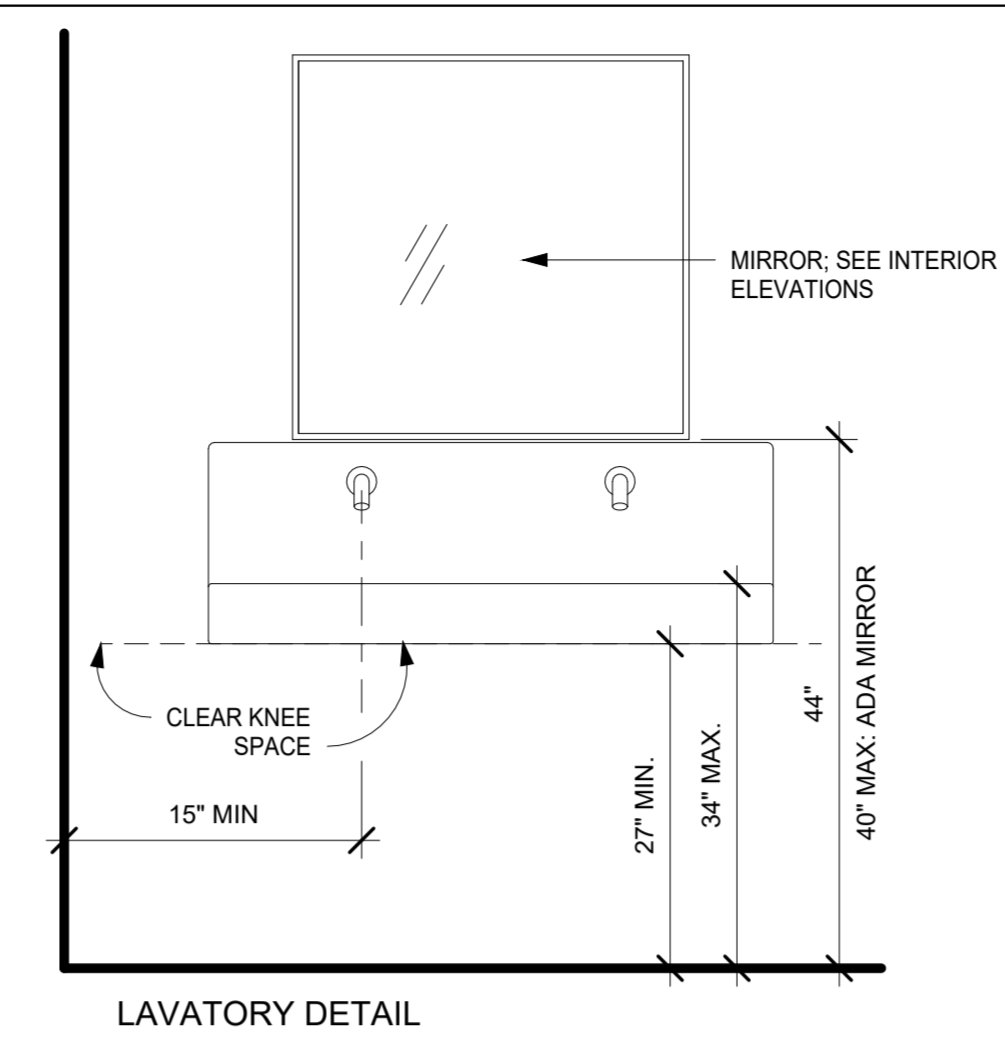


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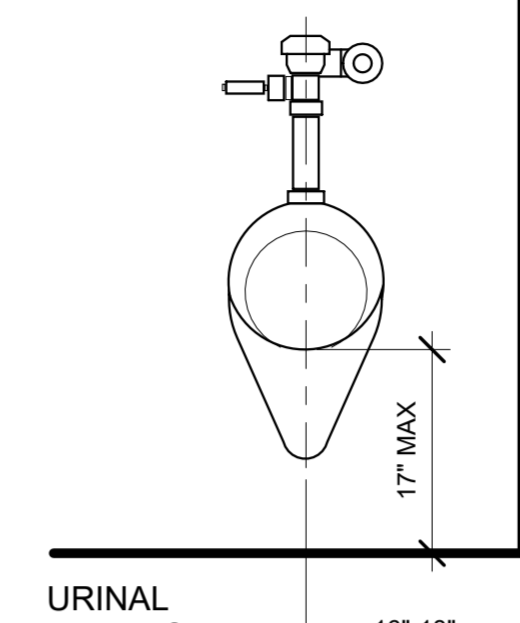
SHEET TITLE:
SCREEN WALL DETAILS



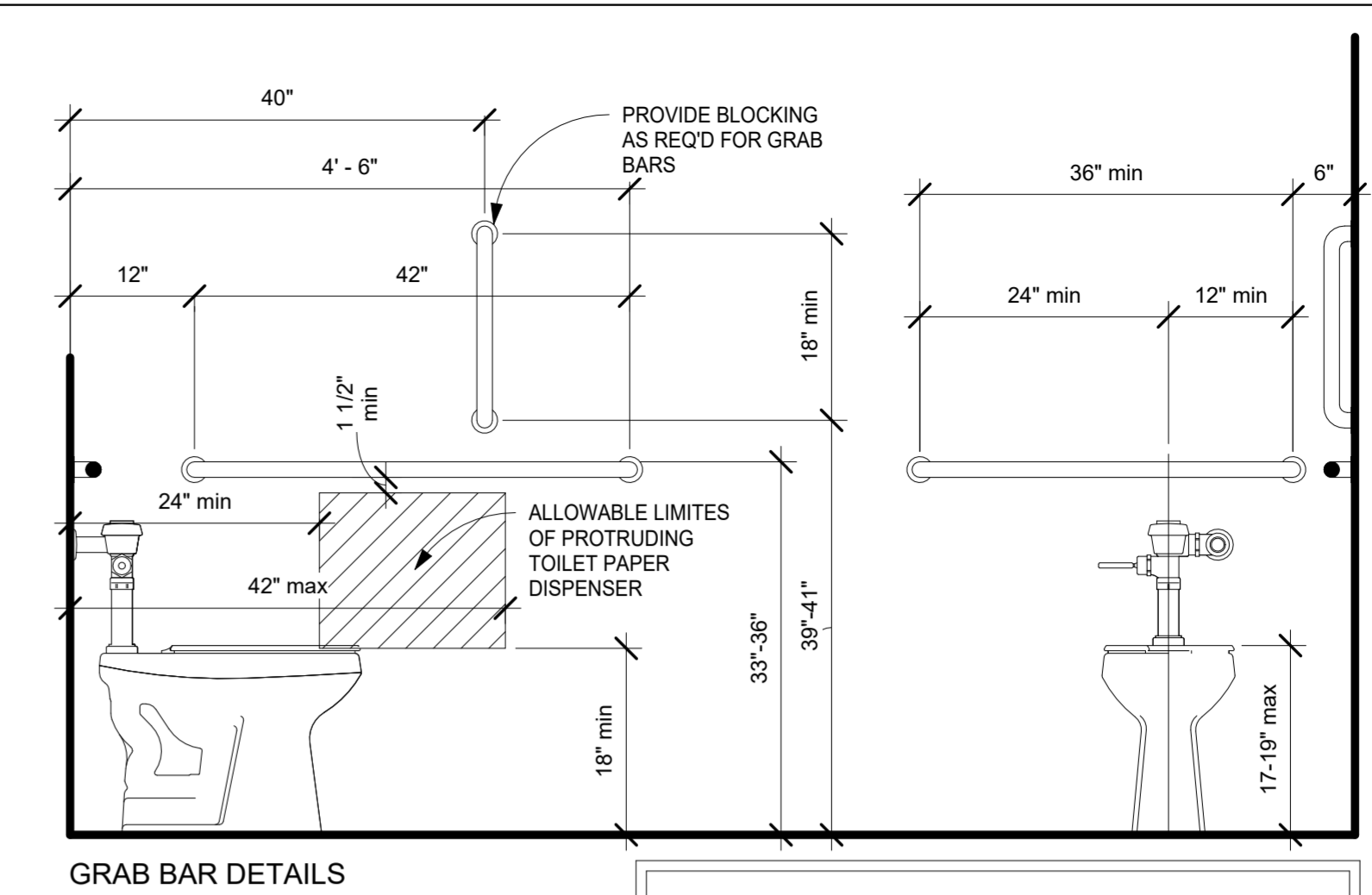
3 LAVATORY SECTION
A6.0 3/4" = 1'-0"



LAVATORY DETAIL



URINAL DETAILS



GRAB BAR DETAILS

NOTE: TOILETS SHOWN GRAPHICALLY MAY NOT REPRESENT TYPE OF TOILET SPECIFIED. SEE PLUMBING DRAWINGS FOR TYPE/SPEC.

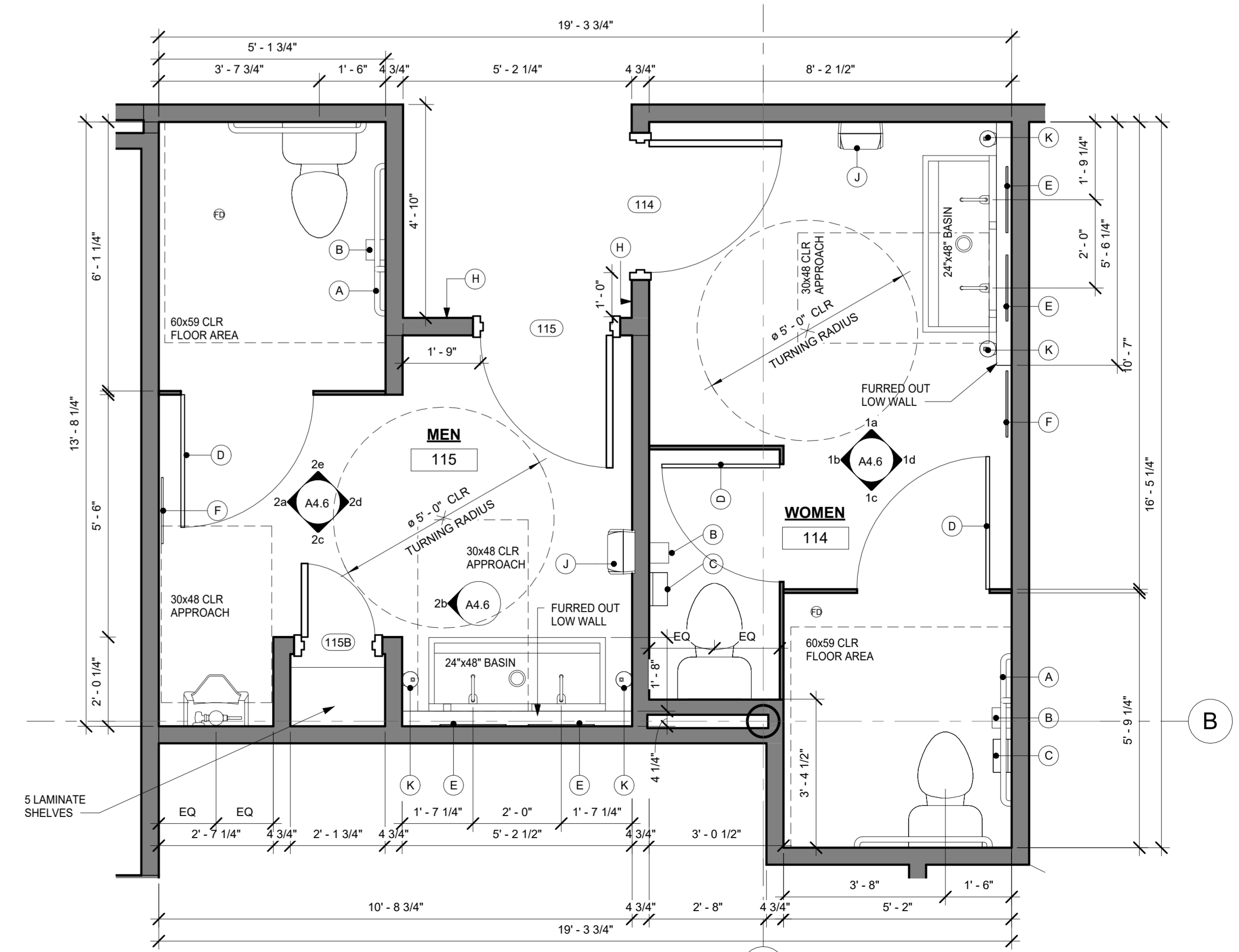
2 ACCESSIBILITY DETAILS
A6.0 3/4" = 1'-0"

REFERENCE DETAILS

TOILET ACCESSORIES SCHEDULE

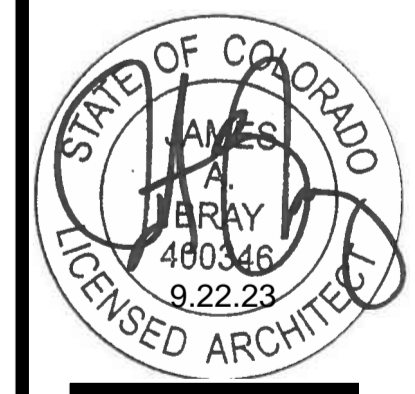
REF.	DESCRIPTION	MOUNTING HEIGHT
A	GRAB BARS: 1 1/2" DIA., SATIN FINISH, SIDE- 42" LONG, VERT- 18" LONG, BACK- 36" LONG	SEE ACCESSIBILITY DETAILS
B	SURFACE MOUNTED TOILET TISSUE DISPENSER, F.B.O.	34" T.O. UNIT U.N.O., 28" T.O. AT HC STALL
C	SANITARY NAPKIN DISPOSAL, F.B.O.	SEE ACCESSIBILITY DETAILS
D	COAT HOOK WITH BUMPER - BOBRICK B-212	76" T.O. UNIT
E	MIRROR	44" A.F.F.
F	FULL HEIGHT MIRROR	12" A.F.F.
G	DIAPER CHANGING STATION - HORIZONTAL - BOBRICK-KB200-01	PER MFR. FOR UNIVERSAL DESIGN
H	SIGNAGE W/ HC INDICATION	BRAILLE TO BE MIN 48" AND 60" MAX. ABOVE FLOOR
J	SS EN-MOTION RECESSED AUTOMATIC TOUCHLESS PAPER TOWEL DISPENSER - 59466	44" TO BOTTOM
K	SOAP DISPENSER	PER MFR. FOR UNIVERSAL DESIGN
L	TRASH RECEPTACLE - F.B.O.	SET ON FLOOR BY OWNER

NOTE: PROVIDE BLOCKING FOR ALL WALL MOUNTED EQUIPMENT & ACCESSORIES



1 ENLARGED RESTROOM PLAN
A6.0 1/2" = 1'-0"

TEOCALI CUCINA
460 MAIN STREET
LONGMONT, COLORADO



PROJECT No: 202305
ISSUE DATE: 09/22/23
REVISIONS:

SHEET TITLE:
ENLARGED RESTROOM PLANS

SHEET NUMBER:
A6.0

BRAY Architecture, Inc.
1300-C Yellow Pine
Boulder, CO 80304



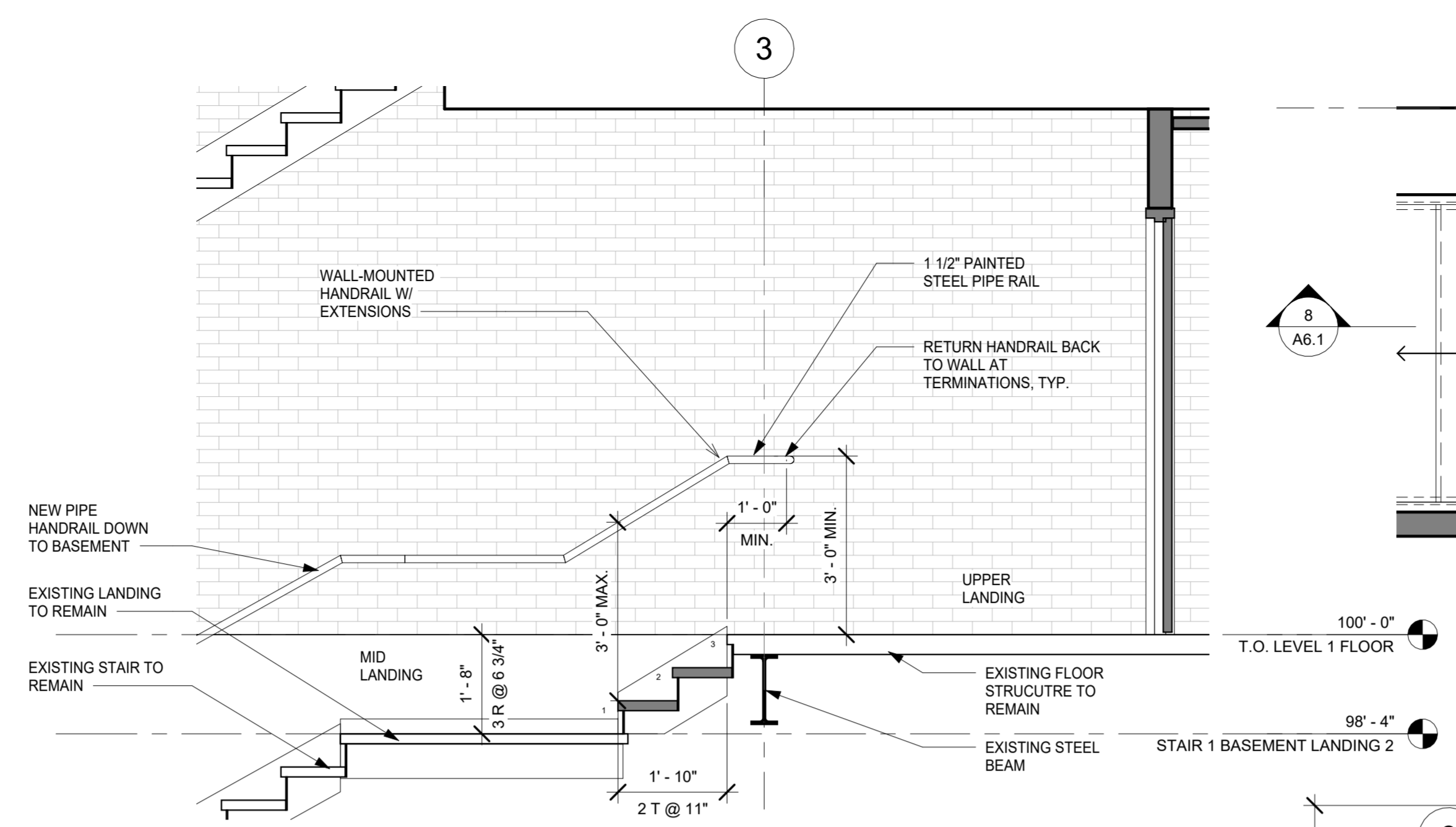
PROJECT No: 202305
 ISSUE DATE: 09/22/23
 REVISIONS:

SHEET TITLE:

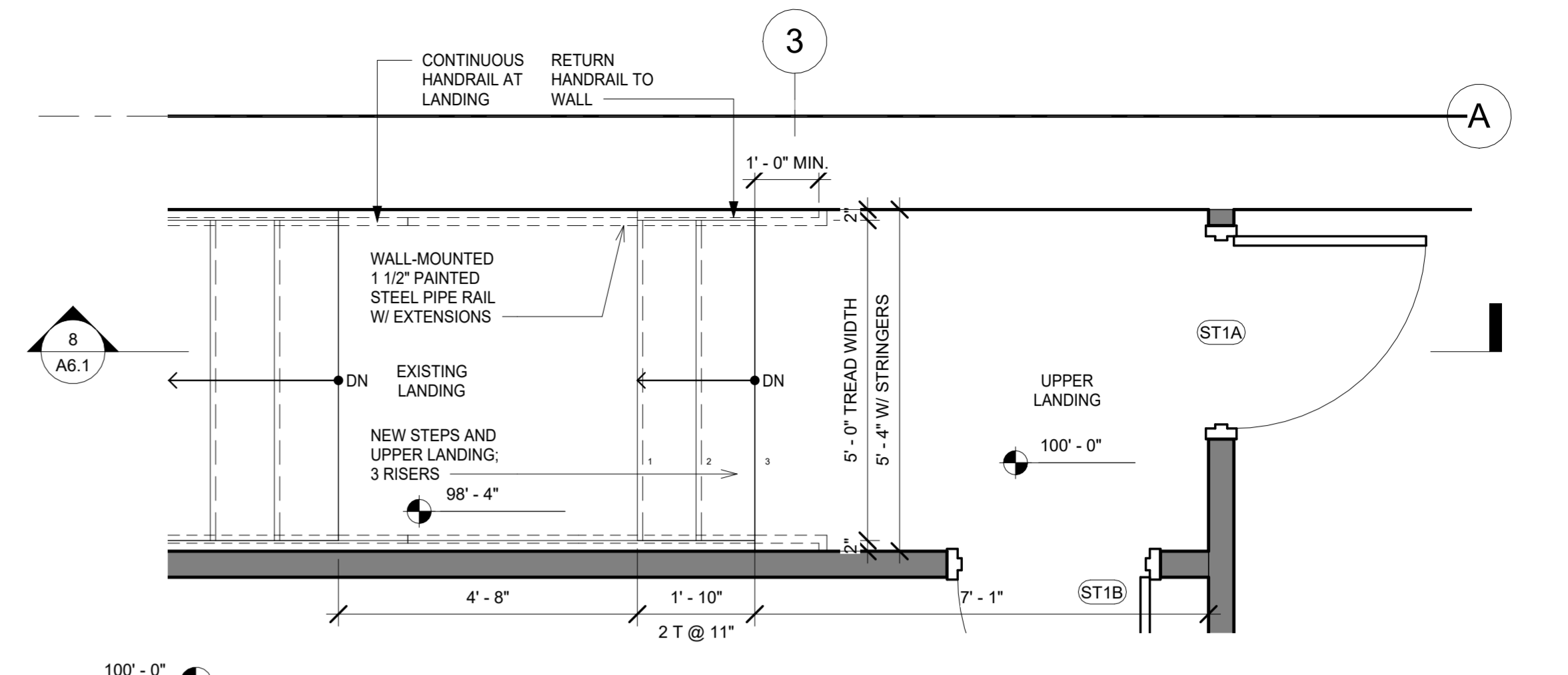
ENLARGED
 STAIR PLANS

SHEET NUMBER:

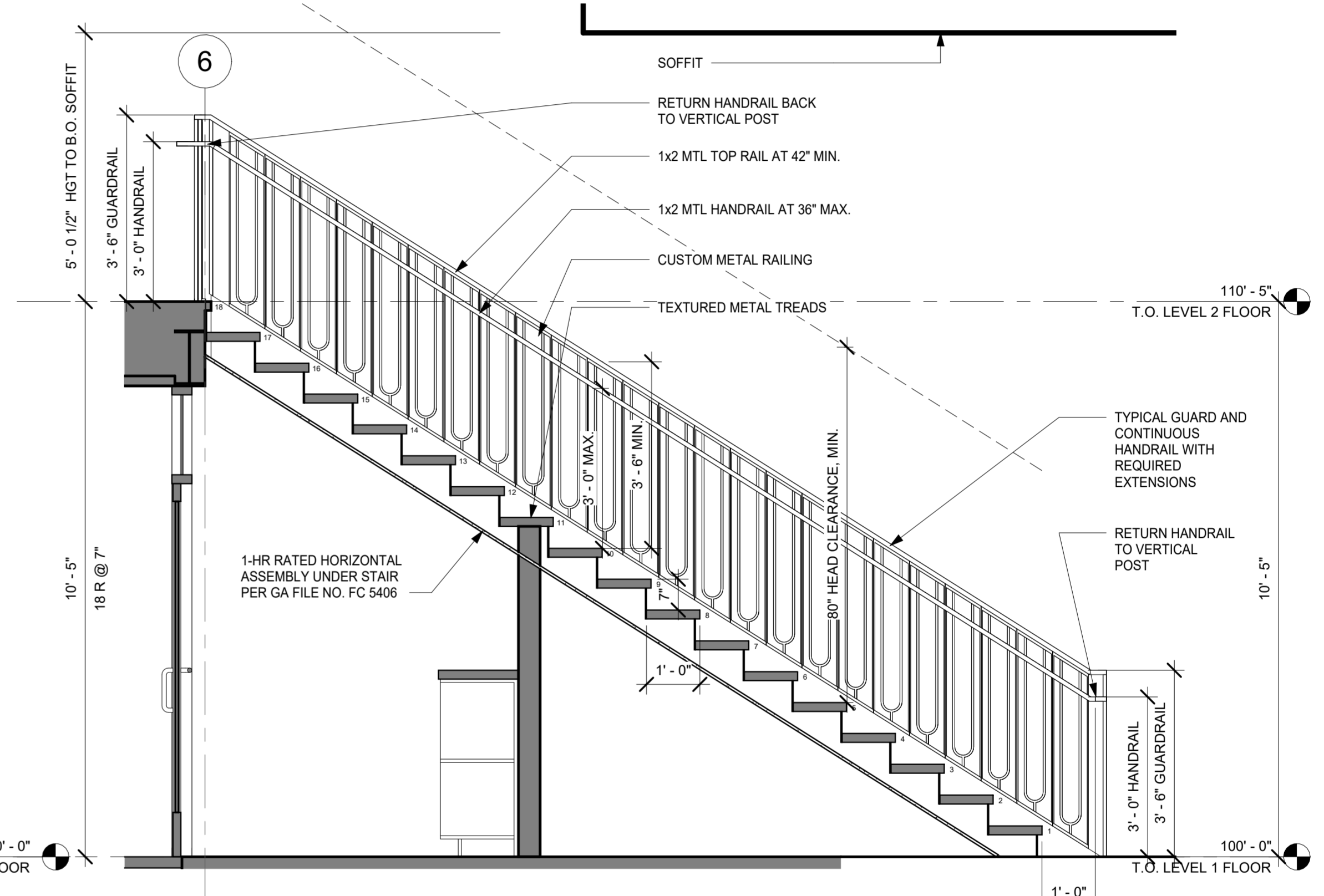
A6.1



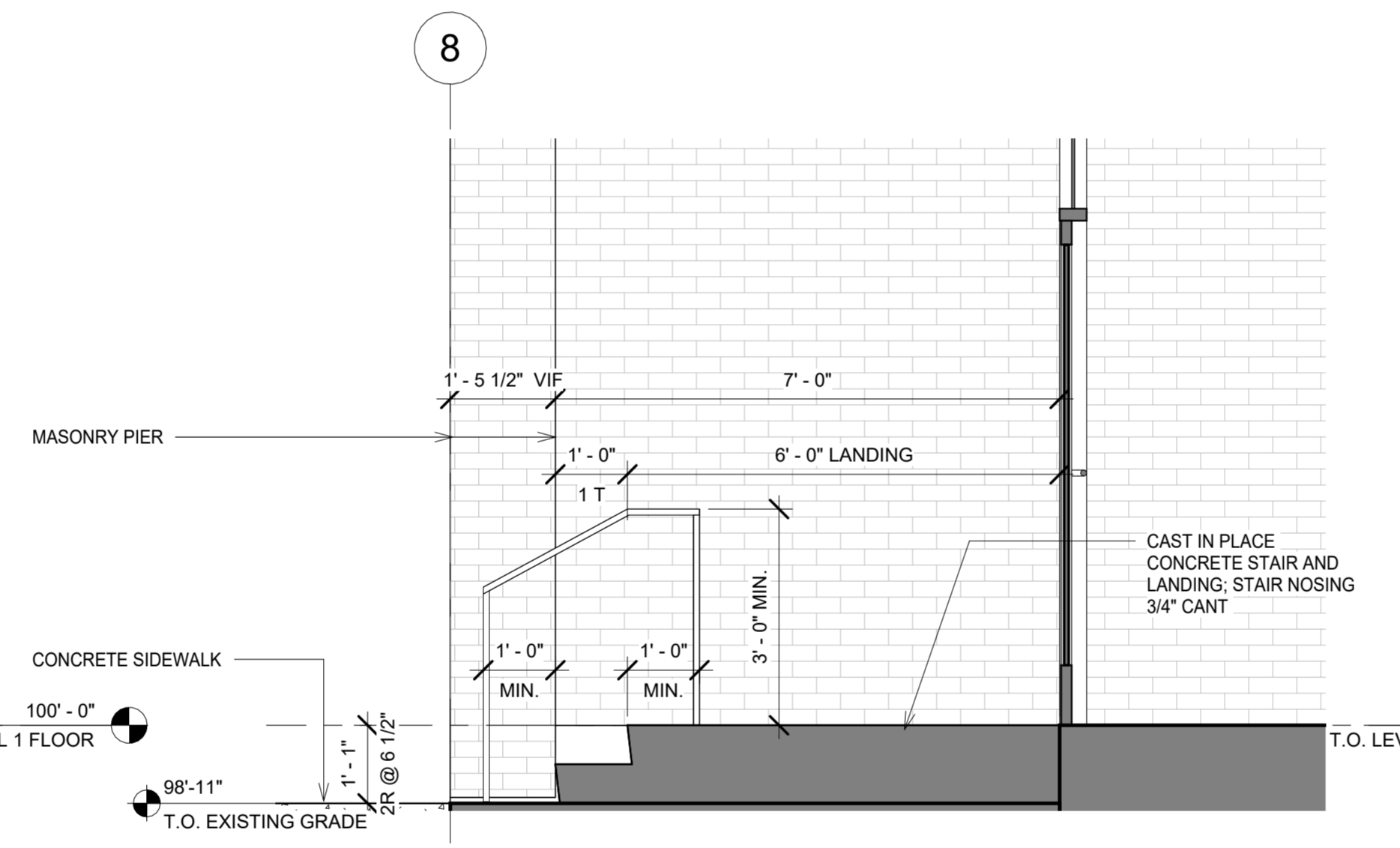
8 STAIR #1 SECTION
 A6.1 1/2" = 1'-0"



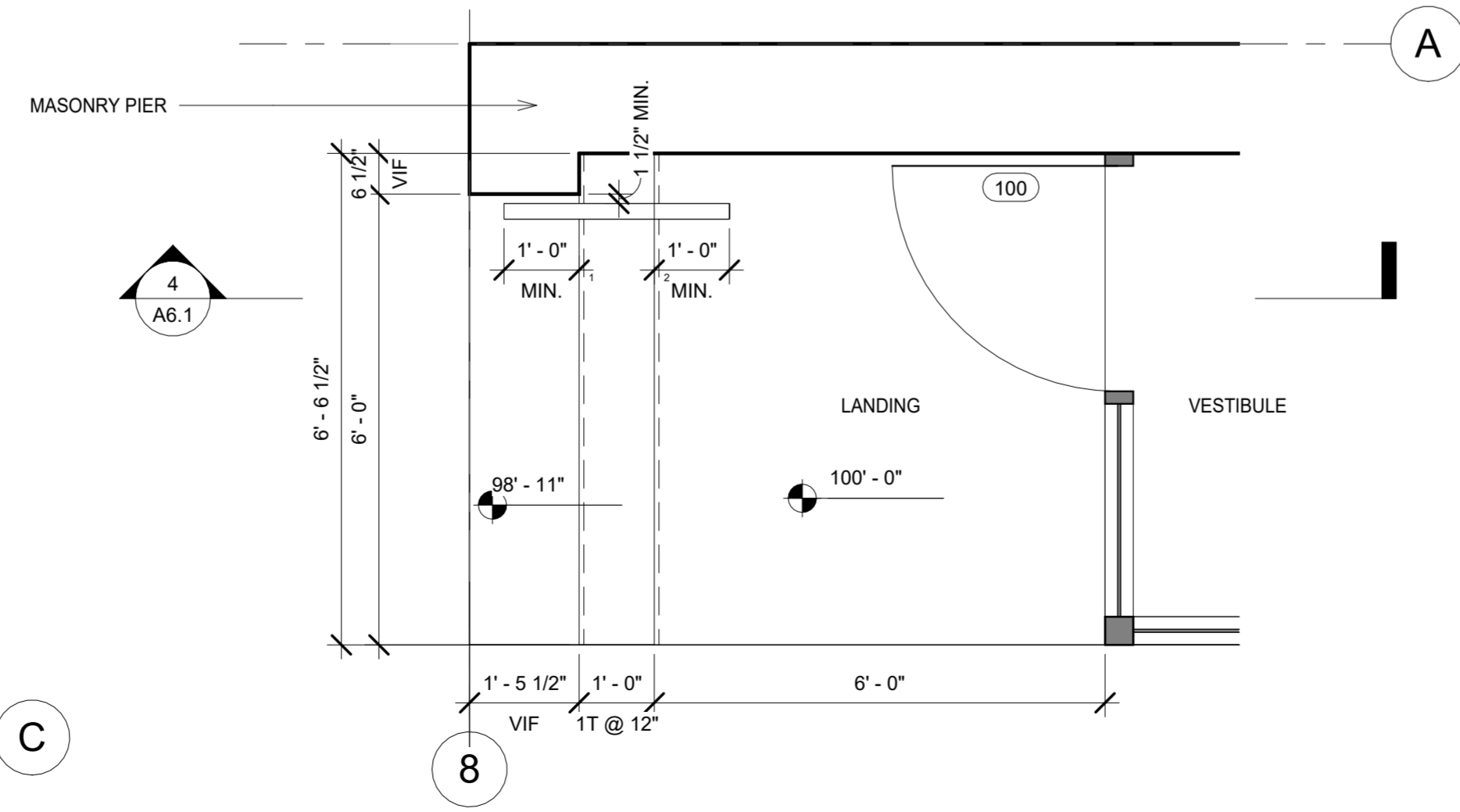
7 STAIR #1 ENLARGED PLAN
 A6.1 1/2" = 1'-0"



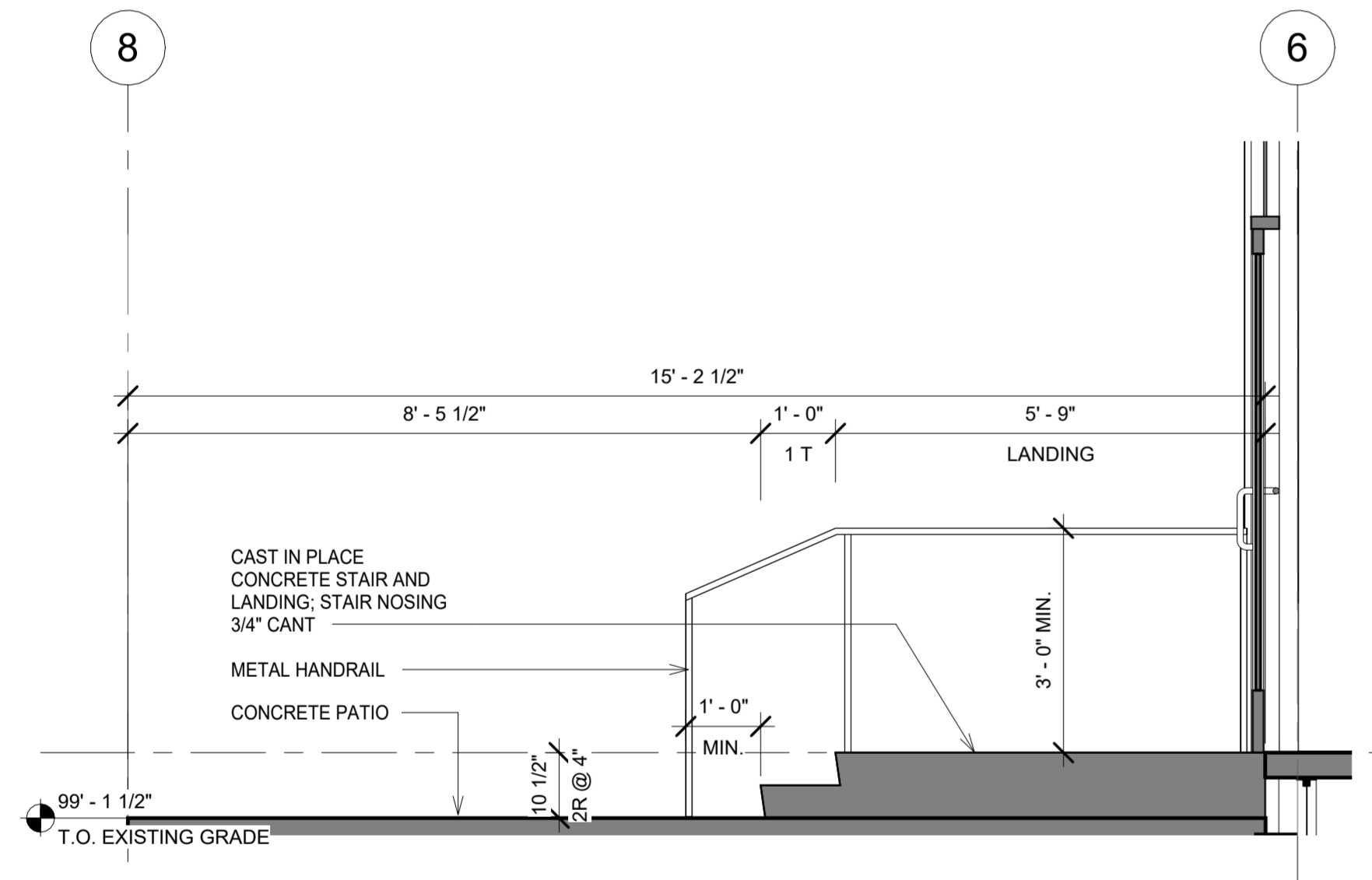
2 STAIR #2 SECTION
 A6.1 1/2" = 1'-0"



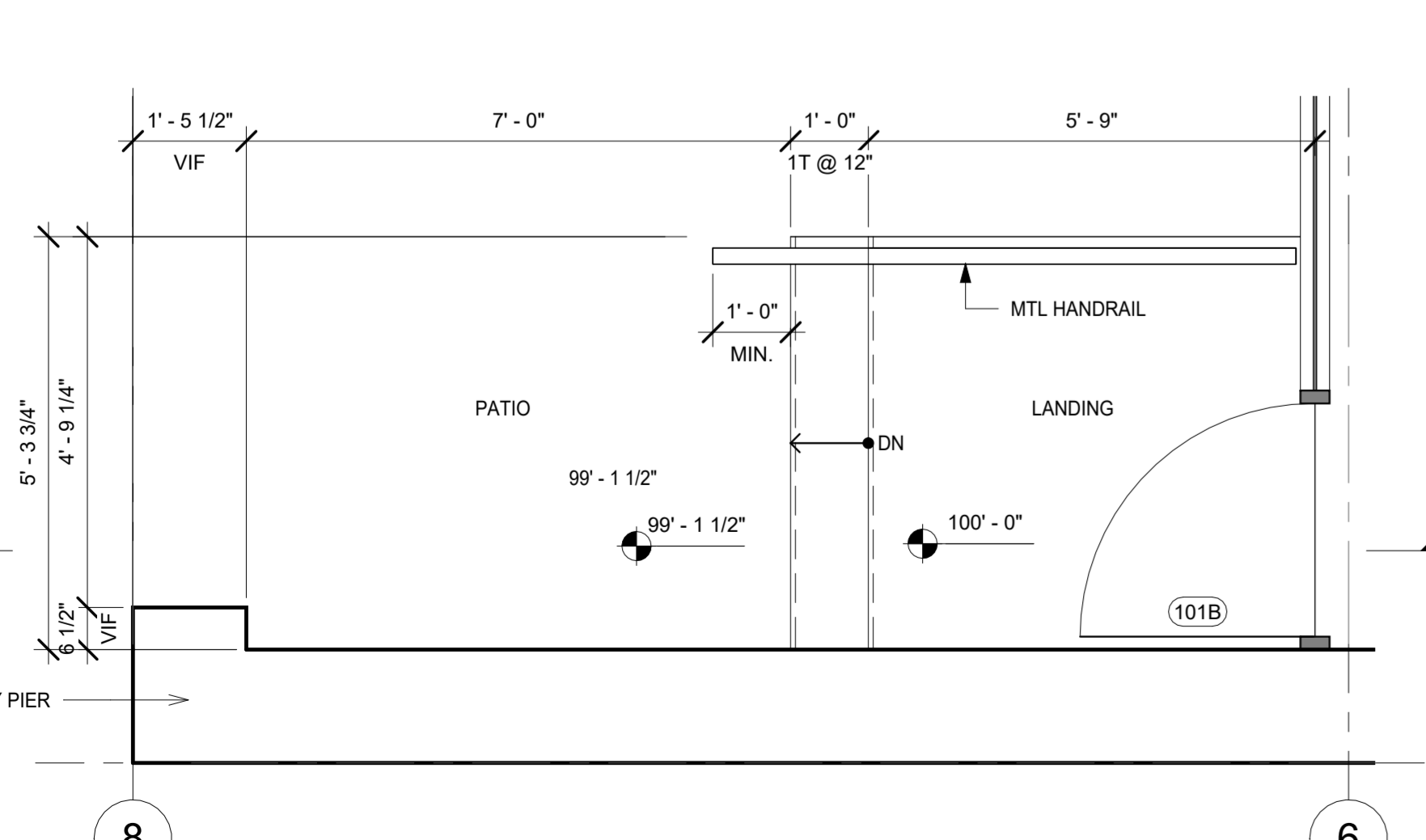
4 MAIN ENTRY STAIR SECTION
 A6.1 1/2" = 1'-0"



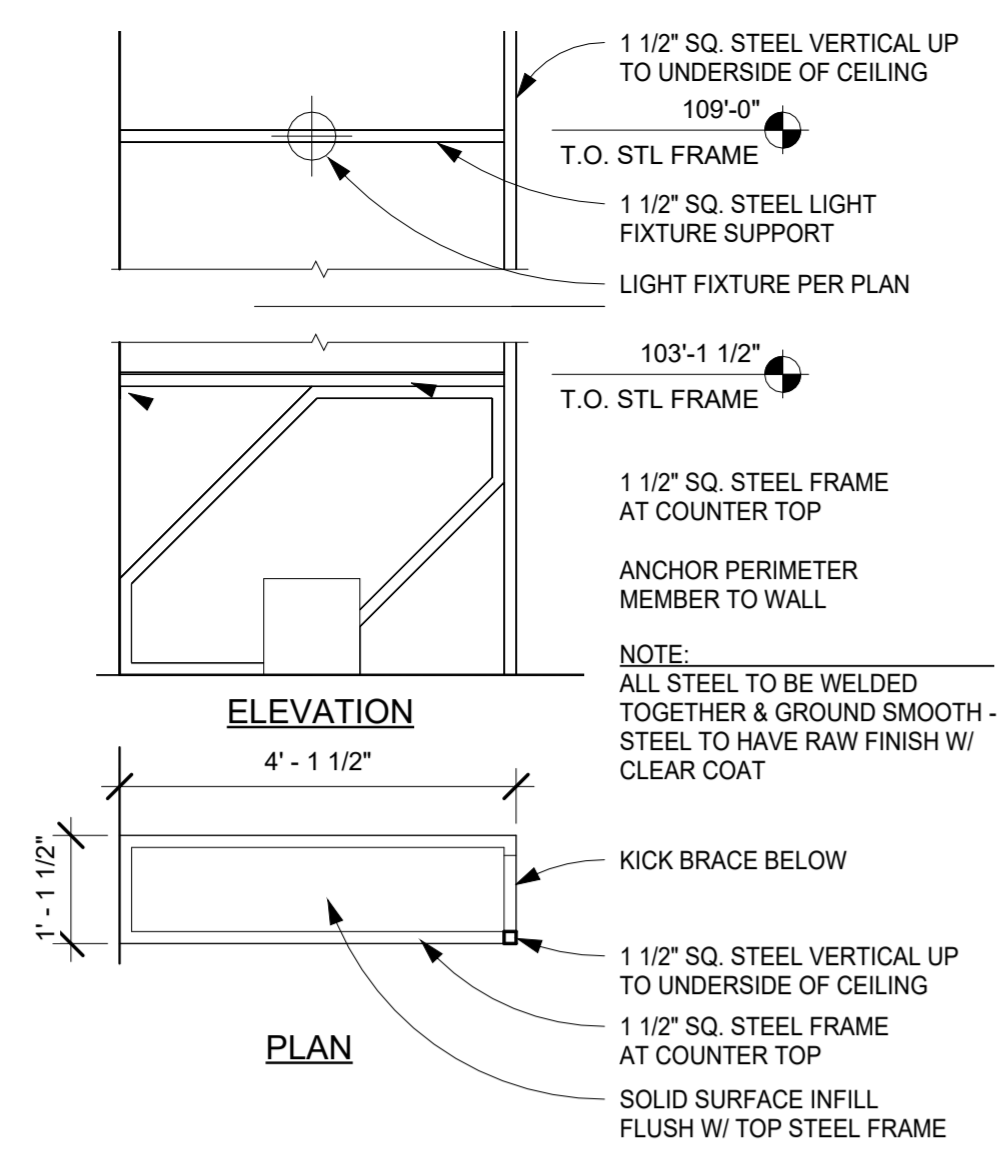
3 MAIN ENTRY STAIR PLAN
 A6.1 1/2" = 1'-0"



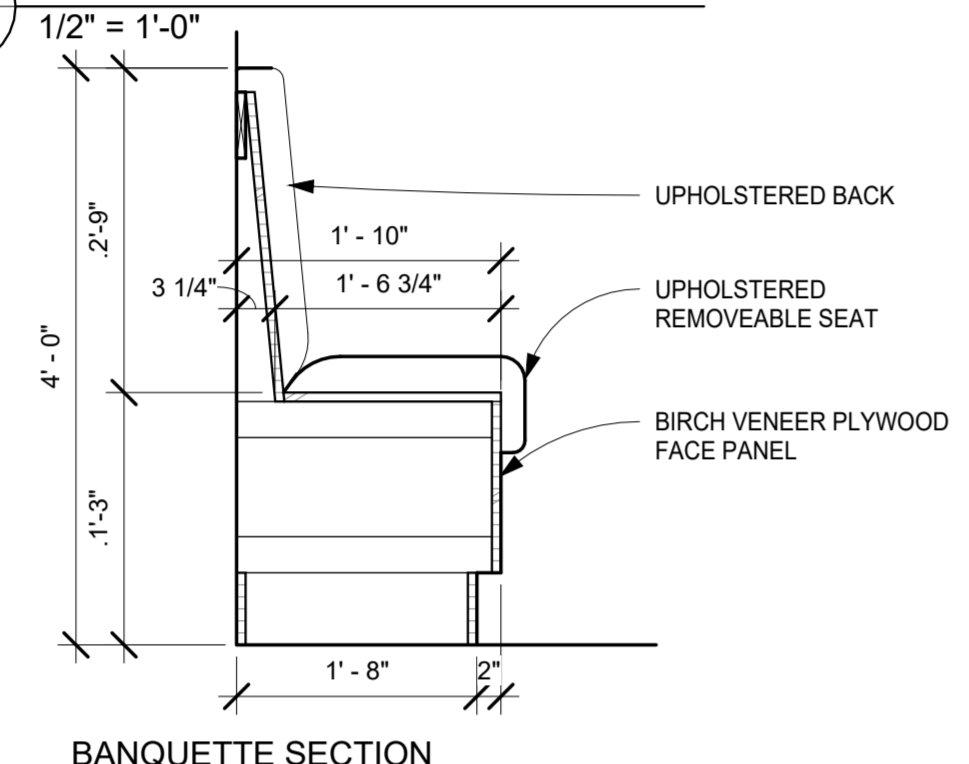
6 SECONDARY ENTRY STAIR SECTION
 A6.1 1/2" = 1'-0"



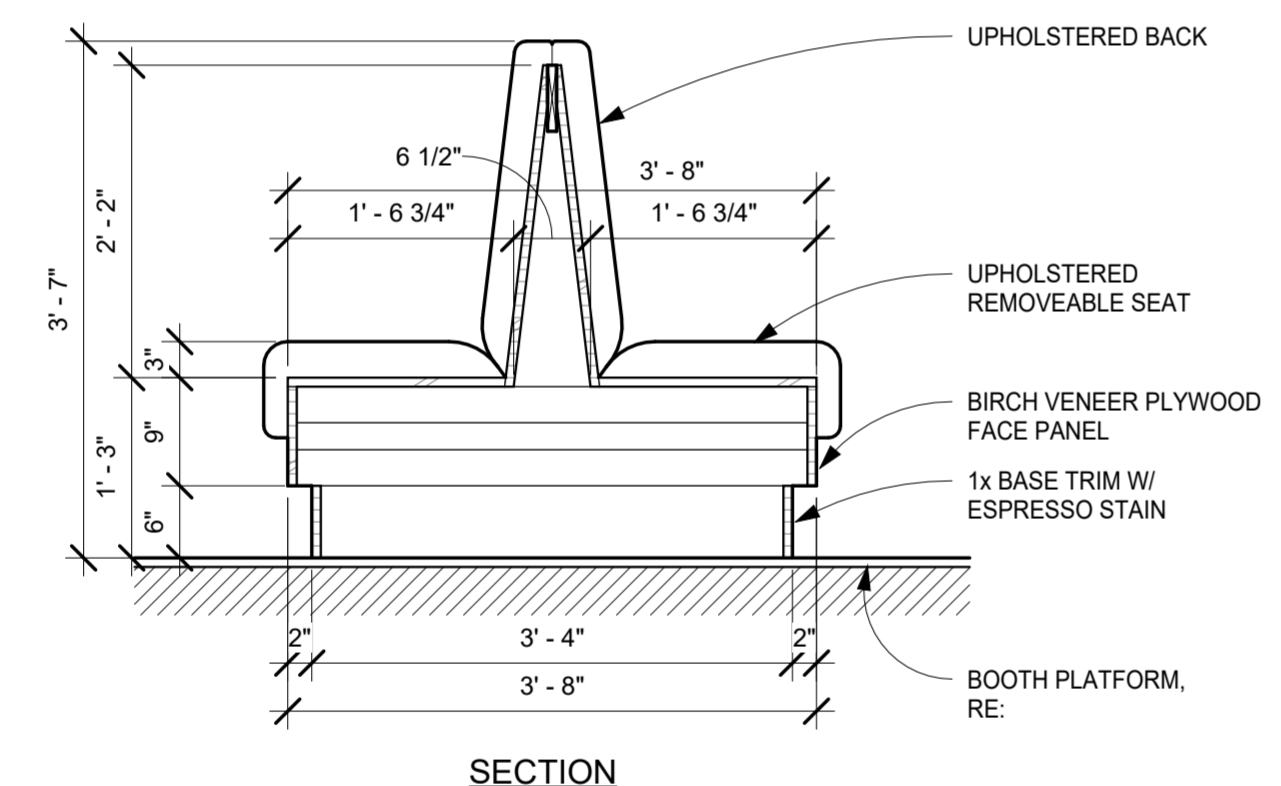
5 SECONDARY ENTRY STAIR PLAN
 A6.1 1/2" = 1'-0"



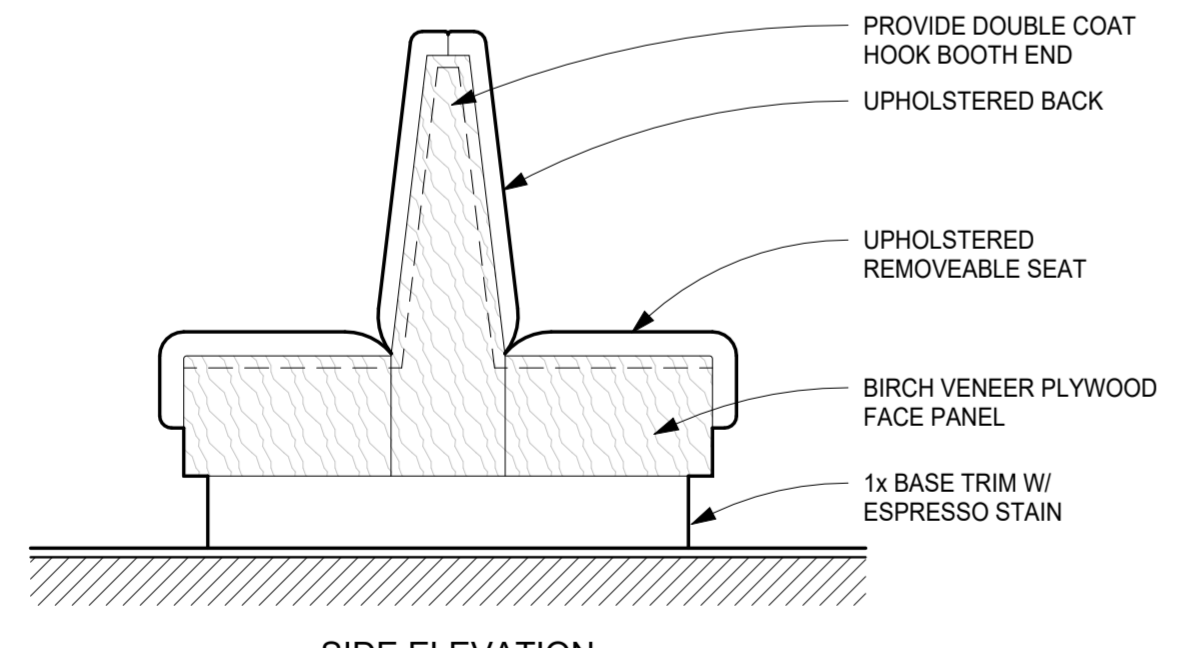
8 HOST STAND DETAIL
A6.2 1/2" = 1'-0"



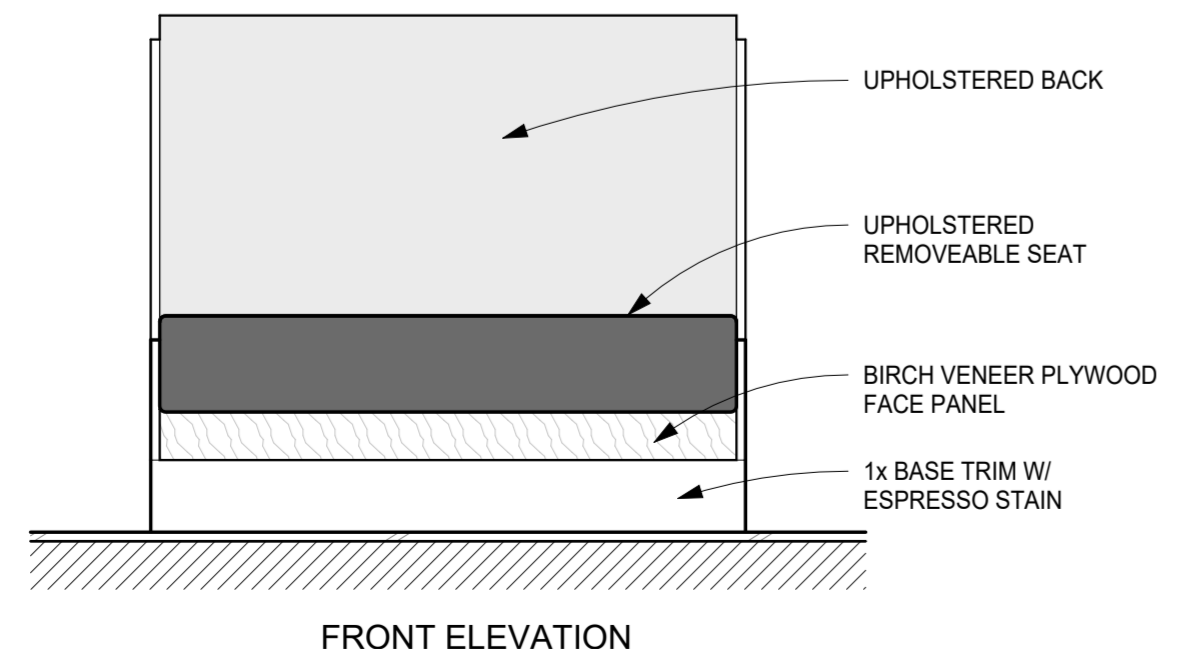
BANQUETTE SECTION



SECTION

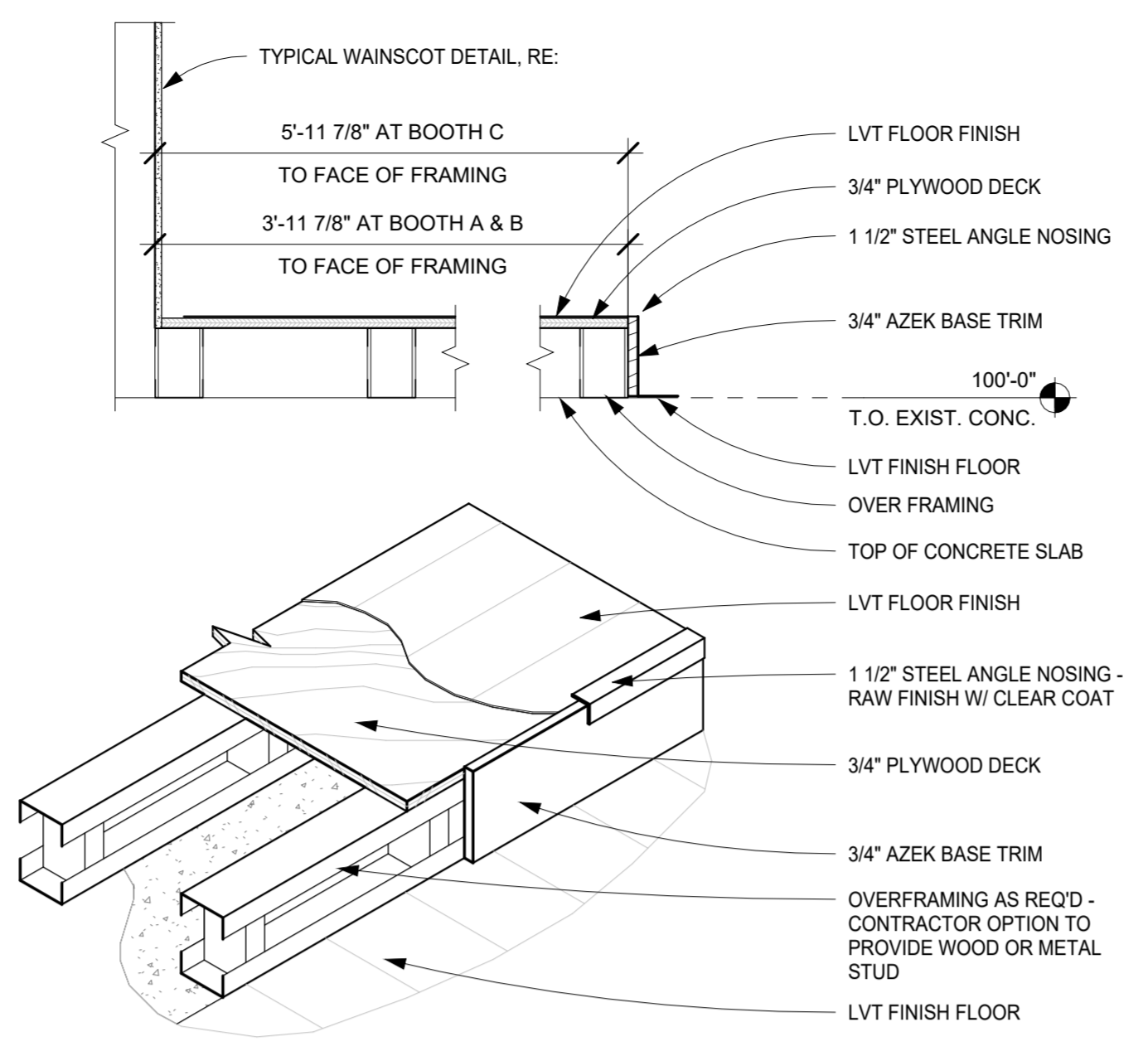


SIDE ELEVATION

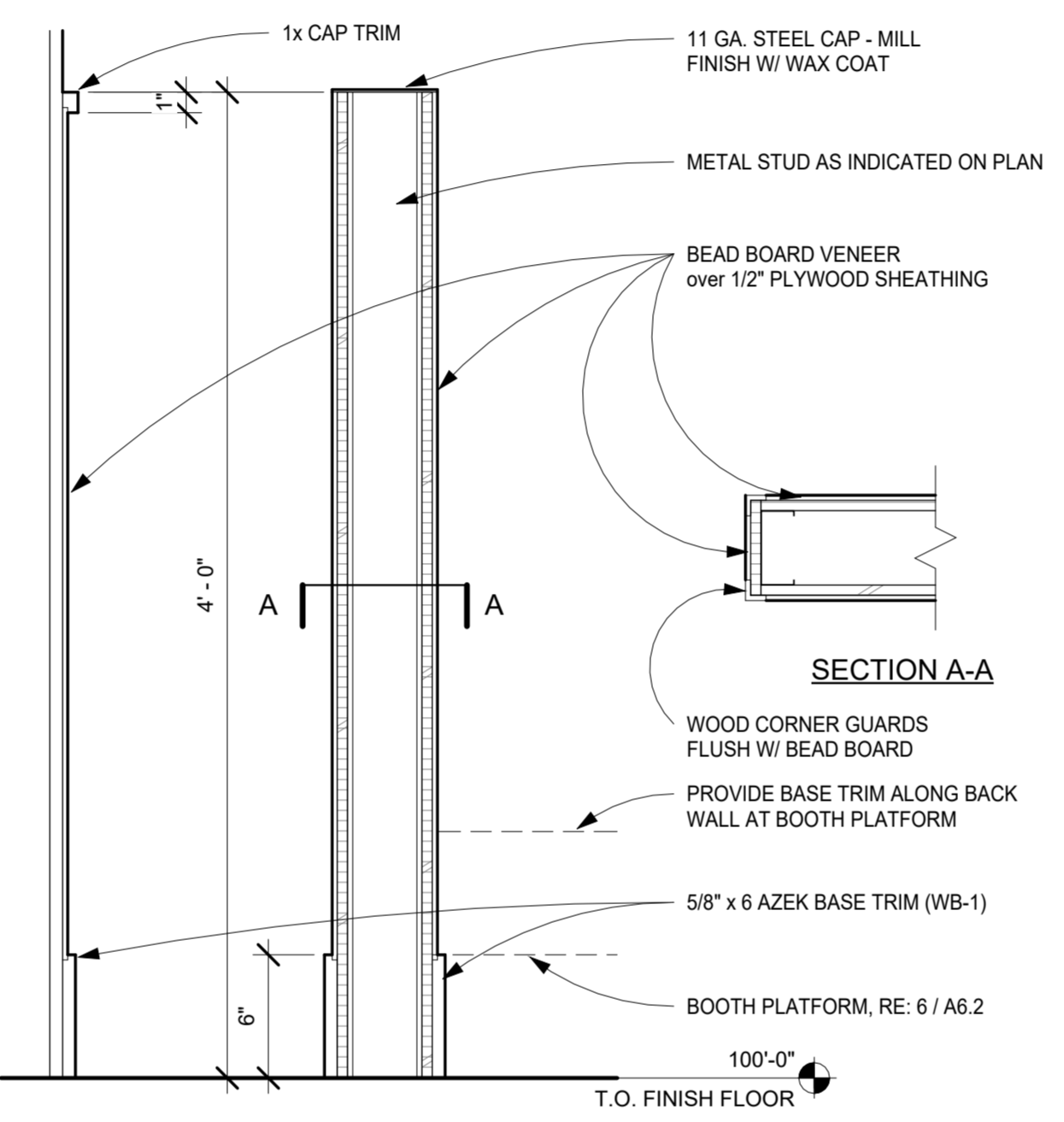


FRONT ELEVATION

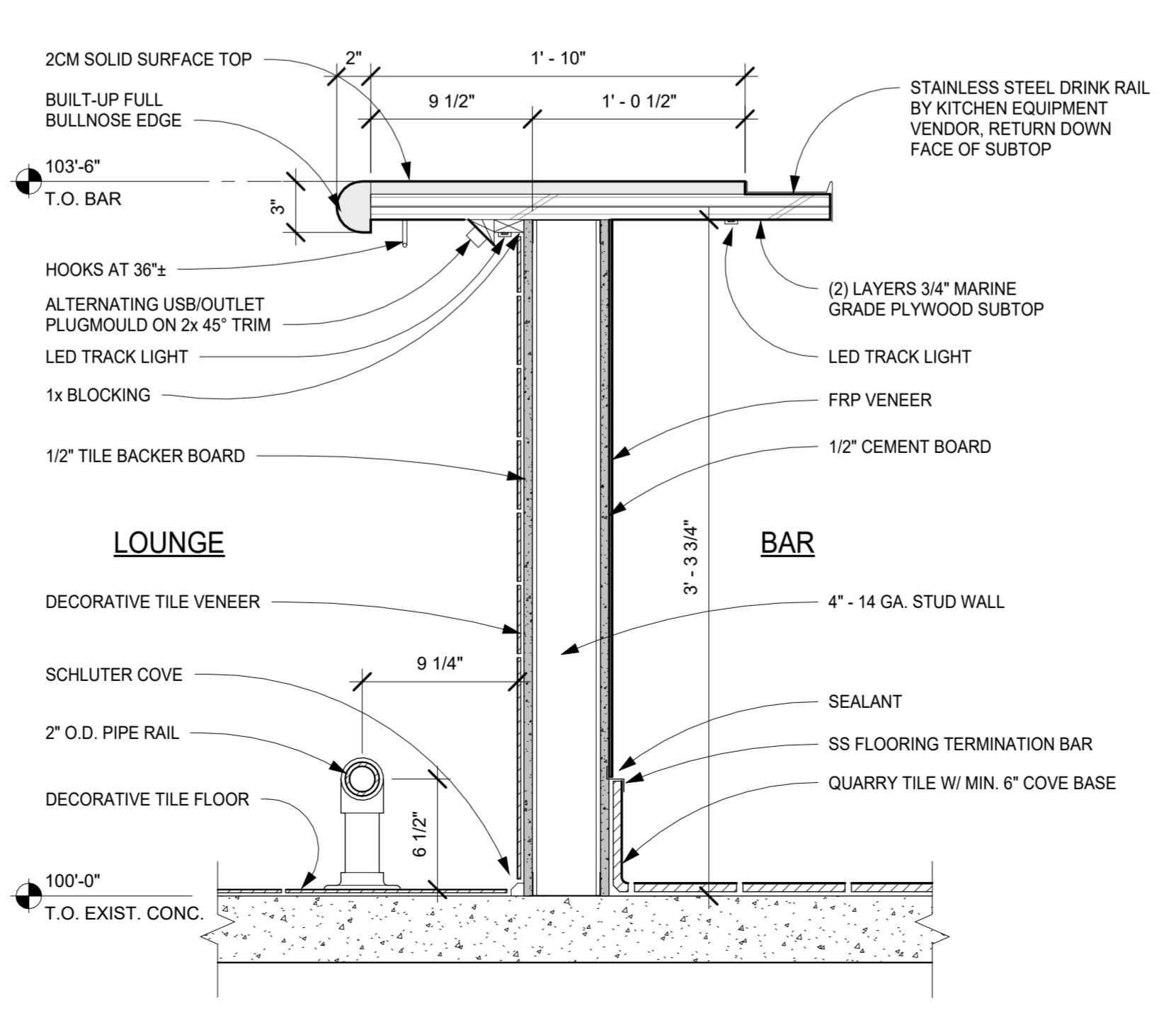
7 TYPICAL BOOTH DETAIL
A6.2 3/4" = 1'-0"



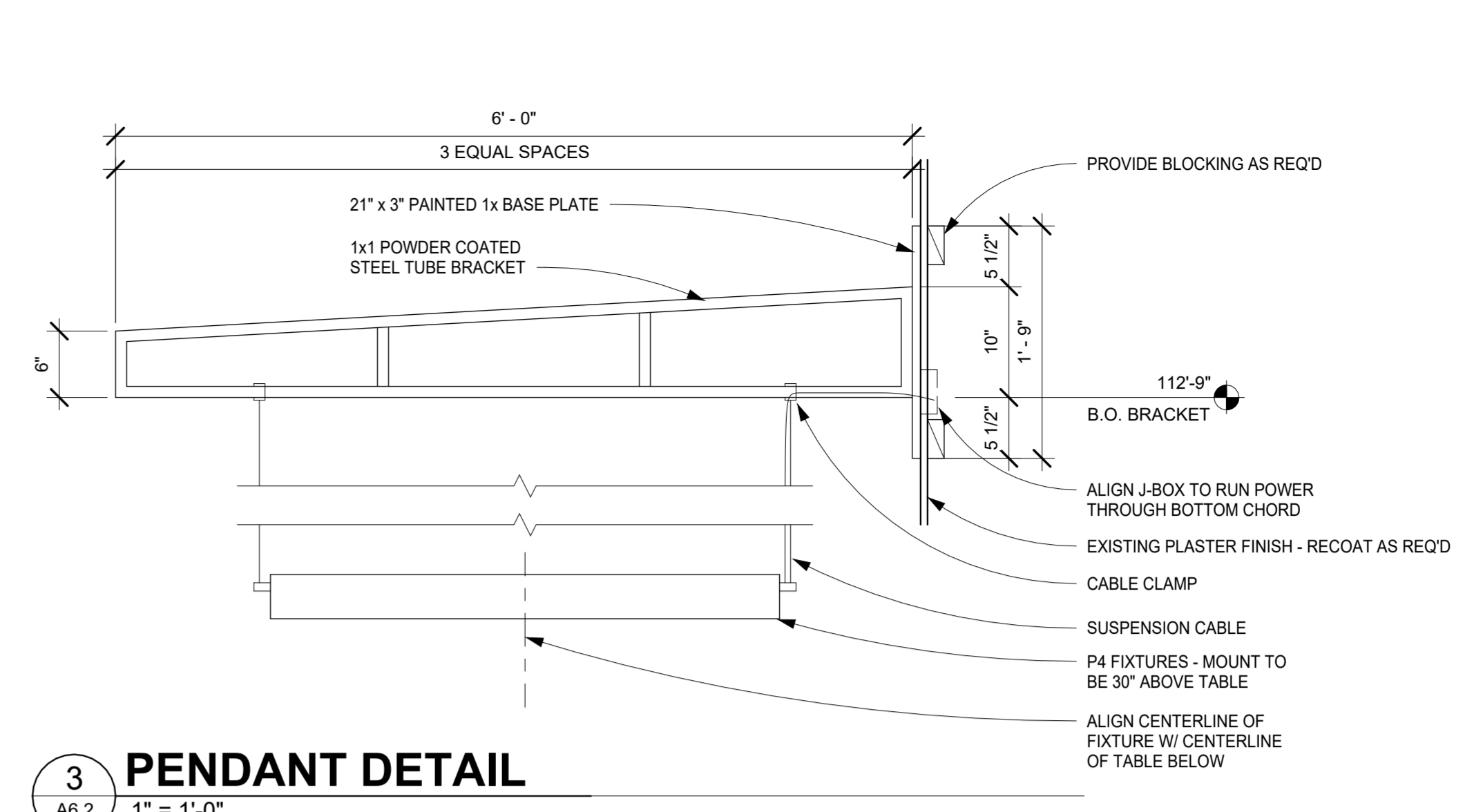
6 TYPICAL BOOTH PLATFORM
A6.2 1" = 1'-0"



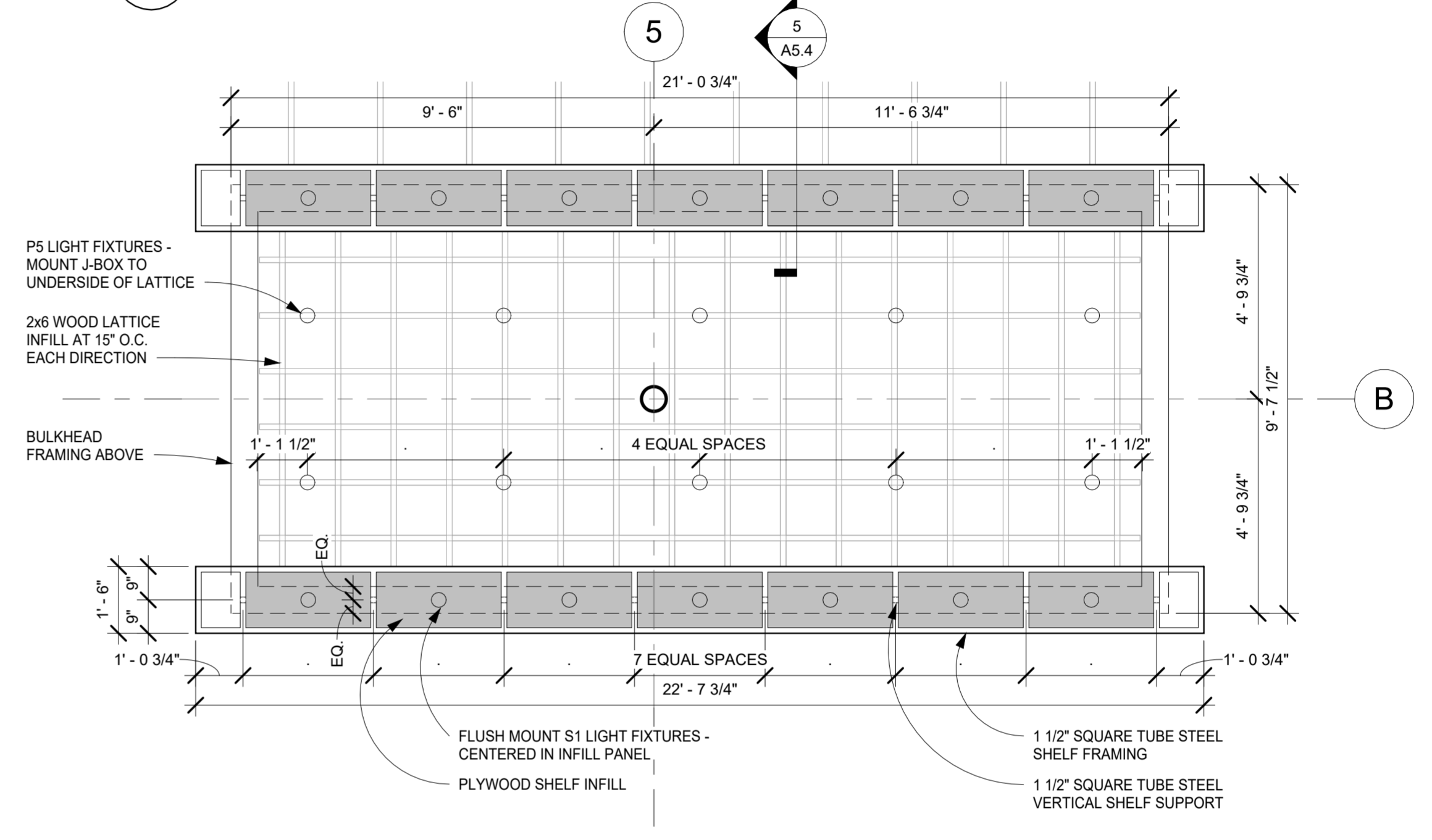
5 LOW WALL & WAINSCOT DETAIL
A6.2 1 1/2" = 1'-0"



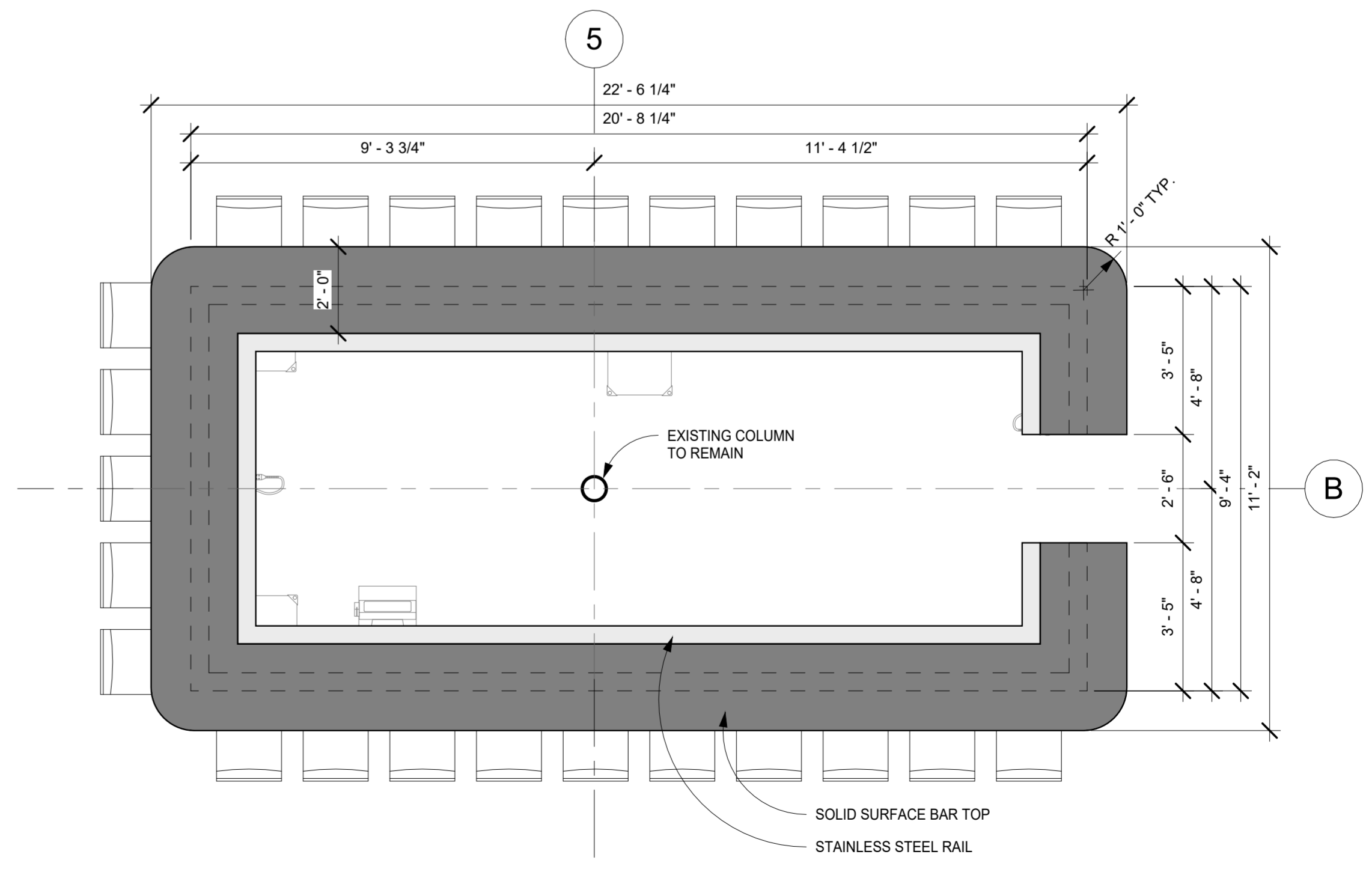
4 BAR SECTION
A6.2 1 1/2" = 1'-0"



3 PENDANT DETAIL
A6.2 1" = 1'-0"



2 ENLARGED BAR CLOUD PLAN
A6.2 3/8" = 1'-0"

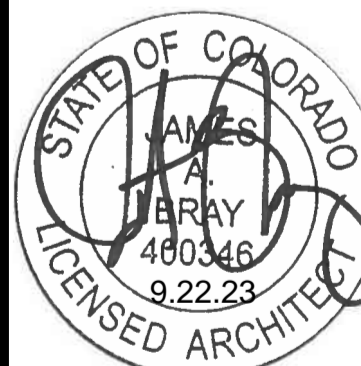


1 LEVEL 1 FURNITURE & FINISHPLAN
A6.2 3/8" = 1'-0"



PROJECT No: 202305
ISSUE DATE: 09/22/23
REVISIONS:

SHEET TITLE:
ENLARGED BAR PLAN & MILLWORK DETAILS



PROJECT No: 202305
ISSUE DATE: 09/22/23
REVISIONS:

SHEET TITLE:
DOOR AND WINDOW SCHEDULE

SHEET NUMBER:

DOOR SCHEDULE

NO.	WIDTH	HEIGHT	DOOR TYPE	MATERIAL	FINISH	GLASS	FRAME TYPE	FRAME FINISH	HARDWARE GROUP	REMARKS
100	3'-0"	7'-0"	C	ALUM	ANOD	CLEAR	ALUM	ANOD	B	
101	3'-0"	7'-0"	C	ALUM	ANOD	CLEAR	ALUM	ANOD	B	
101B	3'-0"	7'-0"	C	ALUM	ANOD	CLEAR	ALUM	ANOD	B	
105	3'-6"	7'-0"	F	MFR	MFR	CLEAR	MFR	MFR	MFR	1
109	6'-0"	7'-0"	EXIST							2
110	3'-0"	7'-0"	EXIST						E	3
111	3'-0"	6'-8"	-	MFR	MFR	-	MFR	MFR	MFR	4
113	3'-0"	7'-0"	E	HM	PAINT	-	HM	PAINT	D	
114	3'-0"	7'-0"	G	WD	STAIN	-	HM	PAINT	A	
115	3'-0"	7'-0"	G	WD	STAIN	-	HM	PAINT	A	
115B	1'-8"	7'-0"	E	HM	PAINT	-	HM	PAINT	C	
117	3'-0"	6'-8"	-	MFR	MFR	-	MFR	MFR	MFR	4
203	3'-0"	7'-0"	E	HM	PAINT	-	HM	PAINT	C	
OH-1	14'-0"	6'-10"	A	ALUM	ANOD	CLEAR	MFR	MFR	MFR	5
OH-2	6'-0"	11'-8"	B	ALUM	ANOD	CLEAR	MFR	MFR	MFR	6
OH-3	6'-0"	14'-9"	B	ALUM	ANOD	CLEAR	MFR	MFR	MFR	6
OH-4	6'-0"	11'-8"	B	ALUM	ANOD	CLEAR	MFR	MFR	MFR	6
ST1A	3'-0"	7'-0"	E	HM	PAINT	-	HM	PAINT	A	
ST1B	3'-0"	7'-0"	E	HM	PAINT	-	HM	PAINT	A	
ST1C	3'-0"	7'-0"	EXIST							2
ST3B	3'-0"	7'-0"	EXIST							2,7
ST3C	3'-0"	7'-0"	EXIST							2
ST3D	3'-0"	7'-0"	EXIST							2

DOOR NOTES:

- ELIASON LWP6 DOUBLE ACTION DOOR.
- EXISTING DOOR TO REMAIN.
- REPLACE EXISTING HARDWARE W/ NEW PRIVACY FUNCTION LOCK HARDWARE GROUP E.
- COOLER DOOR PER MANUFACTURER.
- RENLITA - SOVEREIGN SECTIONAL OVERHEAD STACKING DOOR.
- OVERHEAD DOOR COMPANY - 511 SERIES SECTIONAL OVERHEAD DOOR - PROVIDE ALTERNATE FOR RELITA SOVEREIGN.
- VERIFY PANIC HARDWARE AT EXISTING DOOR - PROVIDE AS REQUIRED.

DOOR HARDWARE SCHEDULE

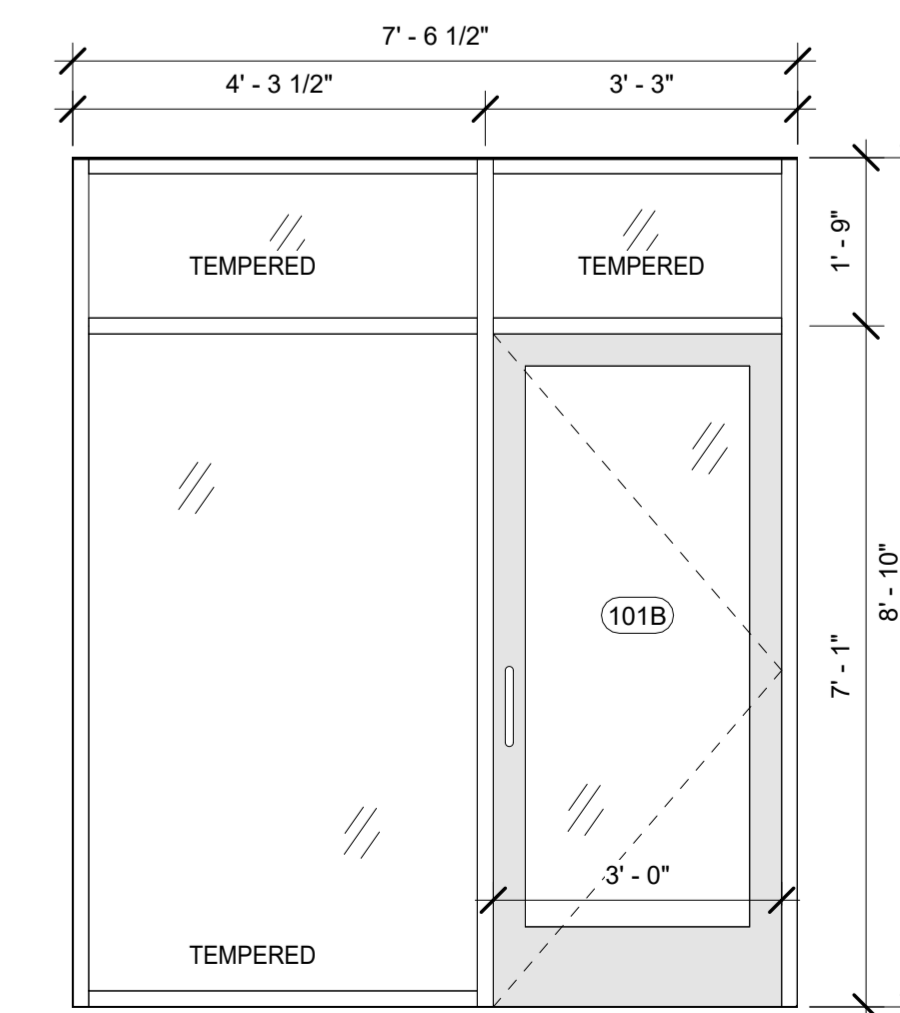
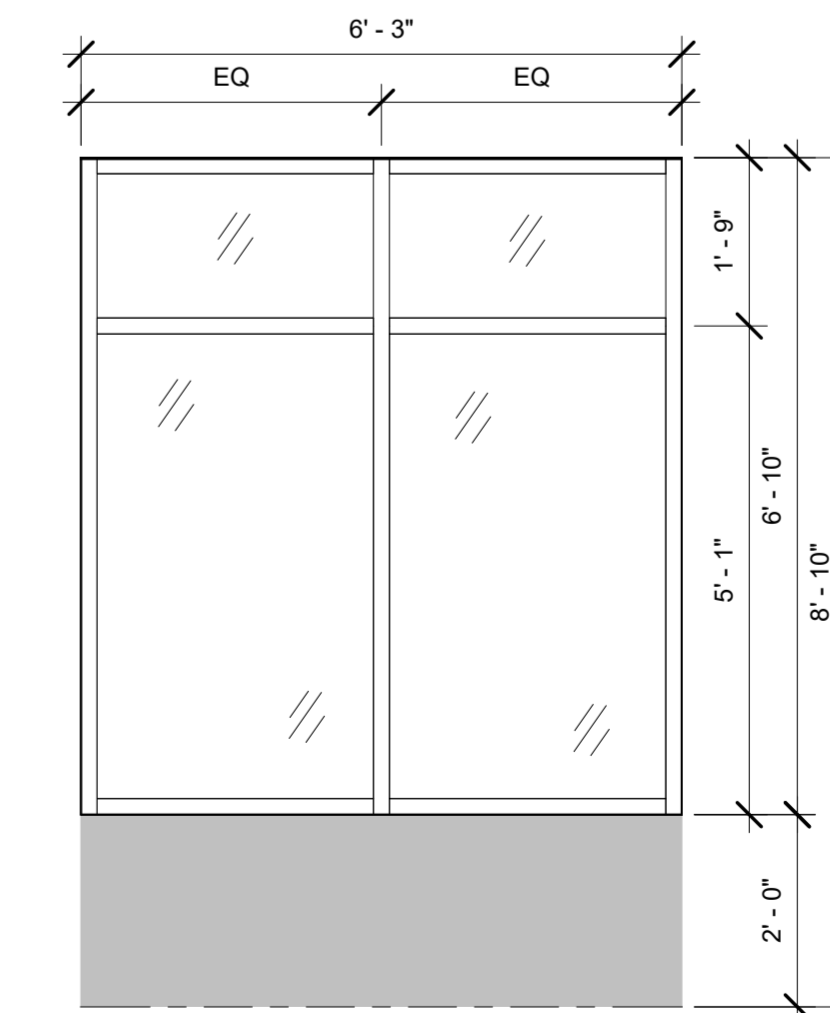
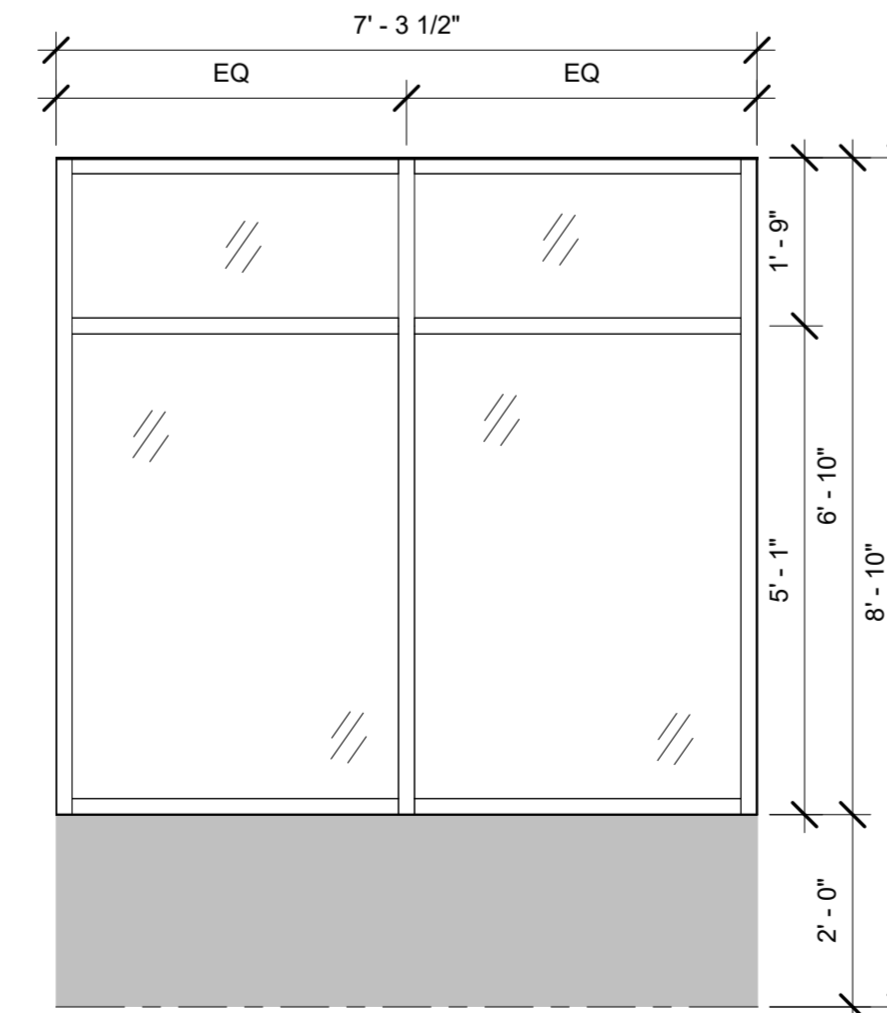
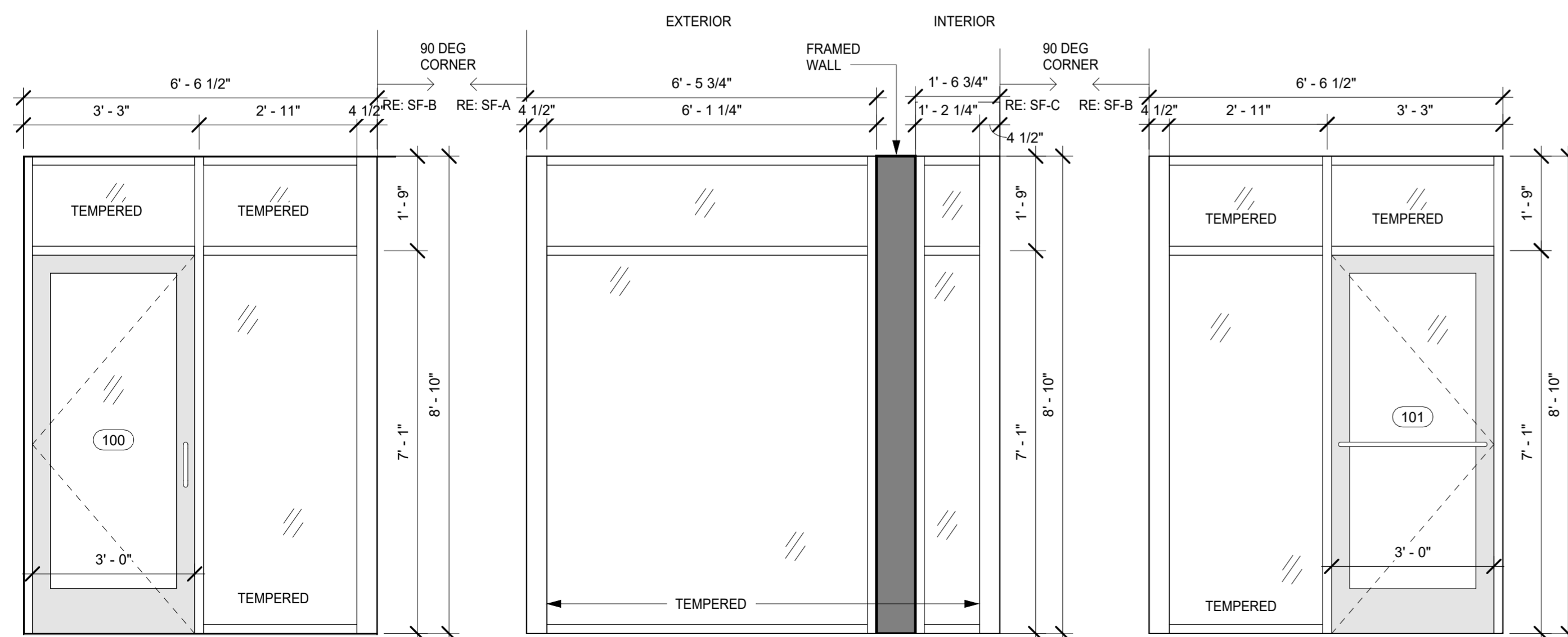
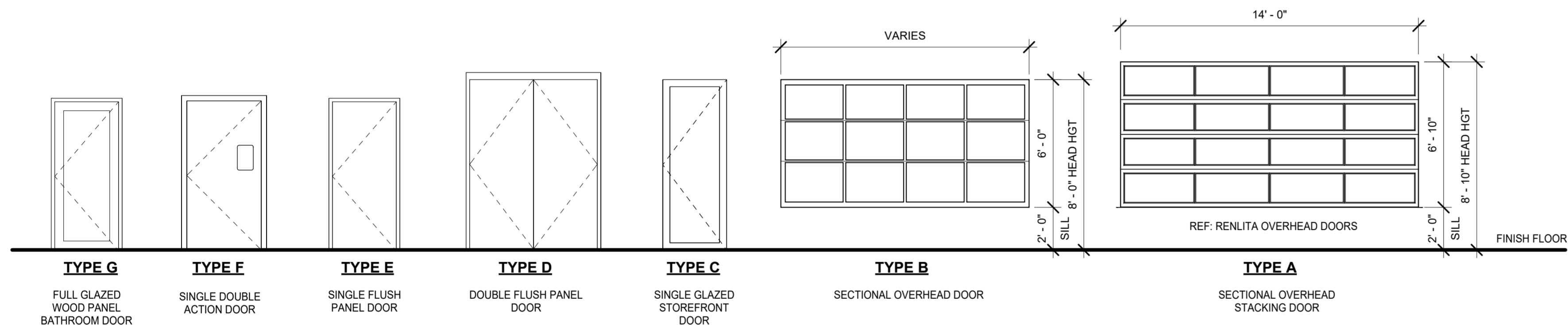
GROUP	CLOSER	HANDLE	FUNCTION	ACCESSORIES	COMMENTS
A	SURFACE	PUSH PLATE & D PULL	PASSAGE	KICK PLATES BOTH SIDES	PROVIDE HOLD OPEN FUNCTION AT CLOSER
B	SURFACE	FALCON 2090 PANIC DEVICE & D PULL	ENTRANCE	-	PROVIDE HOLD OPEN FUNCTION AT CLOSER
C	SURFACE	ATHENS - 626	STOREROOM	-	-
D	SURFACE	ATHENS - 626	OFFICE	PEEP HOLE	PROVIDE HOLD OPEN FUNCTION AT CLOSER
E	SURFACE	ATHENS - 626	PRIVACY	-	SINGLE OCCUPANT BATHROOM

GENERAL DOOR NOTES:

- ALL NEW STOREFRONT DOORS TO HAVE ANODIZED FINISH TO MATCH EXISTING.
- ALL GLAZING IN DOORS TO BE SAFETY GLAZING.
- REFER TO INTERIOR ELEVATIONS AND MILLWORK DRAWINGS FOR WOOD AND STAIN TYPES ON DOORS UNLESS NOTED OTHERWISE.
- FIELD VERIFY ALL OPENINGS PRIOR TO FABRICATION.

DOOR HARDWARE NOTES:

- ALL HARDWARE REFERENCED IS TO BE SCHLAGE OR APPROVED EQUAL UNLESS NOTED OTHERWISE.
- UNLESS NOTED OTHERWISE, ALL DOORS WITH HEAD HEIGHT 8'-0" AND BELOW TO HAVE 1-1/2" PAIR HINGES - W/ MATCHING 626 FINISH.
- G.C. TO FURNISH LOCK SETS, LEVERS, STRIKE PLATES, BUMPERS AND ALL OTHER ITEMS TO PROVIDE A COMPLETE AND FUNCTIONING HARDWARE PACKAGE ALL OF MATCHING 626 FINISH. REFER TO OWNER REPRESENTATIVE FOR KEYING REQUIREMENTS.
- PACKAGE IS SUBJECT TO ADDITIONAL ELECTRONIC / SECURITY DEVICES - G.C. TO COORDINATE.
- PROVIDE STOPS AS REQUIRED.
- PROVIDE WEATHER-STRIPPING AND THRESHOLDS AT ALL EXTERIOR DOORS.
- REFER TO OWNER REPRESENTATIVE FOR KEYING REQUIREMENTS.



1 SF-A
A7.0 1/2" = 1'-0"

2 SF-B
A7.0 1/2" = 1'-0"

3 SF-C
A7.0 1/2" = 1'-0"

4 SF-D
A7.0 1/2" = 1'-0"

5 SF-E
A7.0 1/2" = 1'-0"

6 SF-F
A7.0 1/2" = 1'-0"

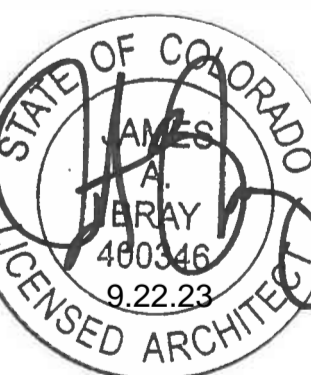
FINISHES SPECIFICATIONS – INTERIOR & EXTERIOR						
TAG	APPLICATIONS / LOCATIONS	MANUFACTURER	PRODUCT	COLOR / FINISH	SIZE / TYPE	NOTES
FLOORING						
TF-1	GLAZED CERAMIC (BLACK) (RESTROOMS)	DALTILE	NATURAL HUES, WALL, CORNER, COVE, & BULLNOSE PIECES	BLACK (CONFIRM), MATTE	2"x2"	INSTALL: STACK, PER PLAN GROUT; TEAL-COLORED GROUT, TBD
TF-2	CERAMIC FLOOR/WALL (STAR) (BAR FLOOR/DIE WALL LOWER)	MEROLA	HARMONIA KINGS STAR	NERO	13"x13"	INSTALL: PER FINISH PLAN
TF-3	HEX CERAMIC FLOOR (RESTROOMS)	GLENROCK DIST. 303-761-8453 REP: AURORA SALINAS	SHADOW HEX	BLACK	8"x9"	INSTALL: PER PLAN GROUT; TEAL-COLORED GROUT, TBD
TF-0	QUARRY TILE (EXPO, KITCHEN, BACK BAR)	GLENROCK DIST. 303-761-8453 REP: AURORA SALINAS	METROPOLITAN QUARRY BASICS, SINGLE TONE	705 PEWTER	6"x6"	INSTALL W/ 6" COVE WALL BASE; STACK, PER PLAN GROUT; GROUT, TBD
LVT-W	LVT (WOOD-LOOK) (THROUGHOUT)	KARNDIEN	VAN GOGH	SMOKED BEECH, VQW98T	48"x7"	INSTALL: PER FINISH PLAN
LVT-2	LVT (TERRAZZO-LOOK) (THROUGHOUT)	ARMSTRONG / AHF CONTRACT	TERRA	ST550, PALAZZO NERO	18"x36"	INSTALL: PER FINISH PLAN
WALL TILE						
WT-0	COVE BASE, QUARRY TILE (EXPO, KITCHEN, BACK BAR)	GLENROCK DIST. 303-761-8453 REP: AURORA SALINAS	METROPOLITAN CERAMICS, QUARRY BASICS, SINGLE TONE	705 PEWTER	6"x6"	INSTALL W/ 6" COVE WALL BASE; STACK, PER PLAN GROUT; COLORED GROUT, TBD
WT-1	GLAZED CERAMIC (BLACK) (RESTROOMS, EXPO, BAR, FRONT WALL)	DALTILE	NATURAL HUES, WALL, CORNER, COVE, & BULLNOSE PIECES	BLACK (CONFIRM), MATTE	2"x2"	INSTALL: STACK, RE: INT. ELEVS. GROUT: COLORED GROUT, TBD PROVIDE SCHLUTER TRIM AT OUTER/EXPOSED CORNERS EXPECT AT RESTROOMS
WT-2	CERAMIC FLOOR/WALL (STAR) (BAR FLOOR/DIE WALL LOWER)	MEROLA	HARMONIA KINGS STAR	NERO	13"x13"	INSTALL: PER FINISH PLAN / INT. ELEVS. PROVIDE SCHLUTER TRIM AT OUTER/EXPOSED CORNERS
WT-4W	GLAZED CERAMIC (WHITE) (EXPO, FRONT WALL)	GLENROCK DIST. 303-761-8453 REP: AURORA SALINAS	LOOK	BIANCO, GLOSS	2-1/4"x9-3/8"	INSTALL: 1/2" OFFSET, HORIZONTAL, RE: INT. ELEVS. *1/4" GROUT JOINT GROUT: TEAL-COLORED GROUT, TBD PROVIDE SCHLUTER TRIM AT OUTER/EXPOSED CORNERS
WT-4B	GLAZED CERAMIC (BLACK) (BAR DIE WALL)	GLENROCK DIST. 303-761-8453 REP: AURORA SALINAS	LOOK	NERO, GLOSS	2-1/4"x9-3/8"	INSTALL: STACK VERTICAL RE: INT. ELEVS. *1/4" GROUT JOINT GROUT: TEAL-COLORED GROUT, TBD PROVIDE SCHLUTER TRIM AT OUTER/EXPOSED CORNERS
WALL BASE (NON-TILE) / WALL TRIM						
WB-1	WALL BASE, PVC, (BLACK)	AZEK OR EQUAL	PVC SHEET TRIM	FACTORY BLACK, SMOOTH	3/4"x6"H	CUT TRIMBOARD FROM SHEETGOOD
TW-1	WALL TRIM, WOOD, STAINED (UPPER MAINSCOT CAP THROUGHOUT)	GC	SOLID ASH	STAIN (DARK), TBD	1"H x 1/2"D	RE: INT. ELEVS.
TW-2X	2x4, SELECT GRADE, PAINTED (VERTICAL DECORATIVE WALL BLADES)	GC	2x4	PAIN, COLOR TBD	1-1/2" x 3-1/2"	RE: INT. ELEVS.
ACOUSTIC CEILING TILE						
ACT-1	2' x 4' VINYL KITCHEN TILE	USG SHEETROCK	CLIMAPLUS PERFORMANCE VINYL LAMINATED GYPSUM CEILING TILES	FLAT WHITE	SQUARE EDGE	USG DOWN BRAND DX/DXL24 *9/16" EXPOSED TEE TRACK & M7 7/8" MOLDING – FLAT WHITE.
ACT-2	METAL CLING TILE (EXPO, HALL)	AMERICAN TIN	#7, DROP-IN, NON-ACOUSTIC	GUN METAL		15/16" T-GRID, FACTORY FINISH MATTE BLACK, ARMSTRONG OR EQUAL, FIELD PAINT TO MATCH CEILING TILE FINISH
CONCRETE / CMU / BRICK						
CMU-E	EXISTING CMU BLOCK	EXISTING		PAIN, COLOR TBD		
XBK-E	EXISTING EXTERIOR BRICK	EXISTING		REMAIN AS-IS		
XCC-1	EXTERIOR CONCRETE FLOOR	GC		FINISH TBD		
FIBERGLASS REINFORCED PANELS (FRP)						
FRP-W	WHITE FRP PANELS (BOH KITCHEN)	KEMLITE or EQUAL	WHITE, SMOOTH	85	4' x 10' SHEET	INSTALL OVER 5/8" CDX PLYWOOD; COORD. W/ FOOD SERVICE DRAWINGS
FRP-B	BLACK FRP PANELS (BOH BAR DIE WALL)	KEMLITE or EQUAL	BLACK, SMOOTH	1201	4' x 10' SHEET	INSTALL OVER 5/8" CDX PLYWOOD; COORD. W/ FOOD SERVICE DRAWINGS
GLASS / ACRYLIC						
AC-1	ACRYLIC, MIRRORRED, SHEET (MILLWORK WALL MIRRORS)	GC				RE: INT. ELEVS. & DETAILS
GL-C	CLEAR, TEMPERED	GC				RE: EXT. ELEVS. & DETAILS
GL-M	MIRROR GLASS, TEMPERED (RESTROOMS)	GC				RE: INT. ELEVS. & DETAILS
GL-F	GLASS, FLUTED	BENDHEIM OR EQUAL	CORDUROY MINI FLUTED PRIVACY GLASS, REGULAR			RE: INT. ELEVS. & DETAILS
HARDWARE						
HW-P1.6	6" PULLS @ MILLWORK CABS.	MFR.				
HW-P1.10	10" PULLS @ MILLWORK CABS.	MFR.				
HW-G1	GLIDES @ MILLWORK CABS.	BLUM	TANDEM			SOFT / SELF CLOSE
HW-H1	HINGES @ MILLWORK CABS.	BLUM	CLIP TOP			SOFT CLOSE
METALS						
XMT-1	EXTERIOR STEEL (SEE STRUCTURAL)	GC				
MT-0	STAINLESS STEEL	GC / FOODSERVICE	COUNTERS, WALLS, CORNER GUARDS			
MT-1	STEEL, STOCK TUBE, SHEET, & ANGLE (INTERIOR CUSTOM FAB.)	GC		NATURAL BLACKENED, WAX FINISH (U.N.O.)		RE: INT. ELEVS. & DETAILS PROVIDE SAMPLE FOR ARCHITECT REVIEW
MT-2	EXPANDED PERF. METAL (INTERIOR CUSTOM FAB.)	MCMCHOLS	#16183116M1 (ARCH. TO CONFIRM)	PAINTED FINISH, PT-XX		RE: INT. & EXT. ELEVS. & DETAILS

FINISHES SPECIFICATIONS – INTERIOR & EXTERIOR						
TAG	APPLICATIONS / LOCATIONS	MANUFACTURER	PRODUCT	COLOR / FINISH	SIZE / TYPE	NOTES
PAINTS & COATINGS – INTERIOR						
PT-1	WALLS – FIELD (WHITE)	SHERWIN WILLIAMS		TBD		
PT-2	WALLS – FIELD (LIGHT GREY)	SHERWIN WILLIAMS		TBD		
PT-3	WALLS – FIELD (DARK GREY)	SHERWIN WILLIAMS		TBD		
PT-4	WALLS – FIELD (BLACK)	SHERWIN WILLIAMS		TBD		
PT-5	ACCENT WALL (BLUE)	SHERWIN WILLIAMS		TBD		
PT-6	ACCENT WALL (TEAL)	SHERWIN WILLIAMS		TBD		
PT-7	CMU ACCENT WALL (BLUE/GREY)	SHERWIN WILLIAMS		TBD		
PT-R1	RAILING (BLACK)	SHERWIN WILLIAMS	DIRECT-TO-METAL	TBD		
PAINT & COATINGS – EXTERIOR						
XPT-1	FIELD (WHITE)	SHERWIN WILLIAMS		TBD		
XPT-2	FIELD (LIGHT GREY)	SHERWIN WILLIAMS		TBD		
XPT-3	FIELD (DARK GREY)	SHERWIN WILLIAMS		TBD		
XPT-4	FIELD (BLACK)	SHERWIN WILLIAMS		TBD		
XPT-5	ACCENT (BLUE)	SHERWIN WILLIAMS		TBD		
XPT-6	ACCENT (TEAL)	SHERWIN WILLIAMS		TBD		
PLASTIC LAMINATE						
PL-1	MILLWORK LAMINATE, CASE INTERIOR & EXTERIOR	FORMICA	COLORCORE 2	BLACK 909C		MATTE, -58
PL-2	MILLWORK, LAMINATE (WOOD-LOOK) (MILLWORK)	FORMICA	WOOD-LOOK	OXIDIZED BEAMWOOD 9484		NAT. GRAIN, -HG
SOLID SURFACE (RESIN, QUARTZ, & NAT. STONE)						
SS-1	QUARTZ COUNTERTOP (COFFEE BAR, PARENT RM, CONF. RM.)	CORIAN	DOVE GREY	LEATHERED; FLAT/STRAIGHT EDGE	3 CM	
TYP. TRANSITION STRIPS						
TR-1	TILE-to-GYP.	SCHLUTER	JOLLY	ANODIZED ALUM., BRUSHED GRAPHITE		RE: INT. ELEVS.
TR-2	TILE-to-TILE (OUTER CORNER)	SCHLUTER	FINEC	ANODIZED ALUM., BRUSHED GRAPHITE		RE: INT. ELEVS.
TR-3	TILE-to-CONCRETE	SCHLUTER	RENO-U	ANODIZED ALUM., BRUSHED GRAPHITE		RE: FLOOR FINISH PLANS
TR-4	TILE-to-LVT	SCHLUTER	SHIENE	ANODIZED ALUM., BRUSHED GRAPHITE		RE: FLOOR FINISH PLANS
TR-5	CONCRETE-to-PVC	SCHLUTER	RENO RAMP	ANODIZED ALUM., BRUSHED GRAPHITE		RE: FINISH PLANS
WOOD						
MDF-1	MDF, PAINTED (MILLWORK)	GC		PAINTED		RE: INT. ELEVS. & DTLS.
WD-1	BARNWOOD WALL CLADDING (BANQ. FEATURE WALL)	GC	T&G WALL PANEL	RECLAIMED BARNWOOD	3/4"x5-1/2"	ARCH. TO PROVIDE CONTROL SAMPLE FOR COLOR & FINISH RE: INT. ELEVS. & DETAILS
WD-2E	SOLID WOOD, ASH (DARK-EBONY) (MILLWORK TOPS, SHELVES)	GC	PLAIN-SAWN	DARK/EBONY STAIN FINISH TBD W/ CLEAR POLYURETHANE	SEE MILLWORK DTLS.	RE: INT. ELEVS.
WD-2W	SOLID WOOD, ASH (DARK-WALNUT) (MILLWORK TOPS, SHELVES)	GC	PLAIN-SAWN	DARK/WALNUT STAIN FINISH TBD W/ CLEAR POLYURETHANE	SEE MILLWORK DTLS.	RE: INT. ELEVS.
WD-3	FAUX CEILING JOISTS & KICKERS (LOUNGE/DINING)	GC	DOUG. FIR	STAIN, MINWAX TBD		RE: RCP & DTLS.
BB-1	BEAD BOARD, SOLID WOOD, PRIMED & PAINTED (MAINSCOT THROUGHOUT)	GC		2" O.C. BEAD PLANKS OR SHEET W/ 1-1/4" MATCHING SOLID WOOD INNER/OUTER CORNER PROFILES	PAINTED, COLOR TBD, SEMI-GLOSS	1/4" THICK VERTICAL & 45-DEGREE INSTALLATIONS – SEE: INT. ELEVS.
SPECIALTIES						
AQ-1	ACOUSTIC PANEL (BAR/DINING CEILING)	OWENS CORNING	SOUND SELECT	BLACK		1" THICK
UP-S1	UPHOLSTERY, SEATS (NON-WOVEN) (BOOTH, BANQUETTE)	ARCHITEX	WORMWOOD	COLOR TBD		ALLOW \$40/YD
UP-B1	UPHOLSTERY, BACKS (WOVEN) (BOOTH, BANQUETTE)	ARCHITEX	WORMWOOD	COLOR TBD		ALLOW \$40/YD; VERTICAL FLUTES @ BANQUETTE ONLY
WC-1A	WALLCOVERING – DIGITAL PRINT #1 ON VINYL (HALL)	AREA ENVIRONMENTS				PROVIDE LEVEL-5 SUBSTRATE VIF REQ'D SIZE
PLST-1	TROWEL PLASTER WALL FINISH, PAINTED (UPPER WALLS DINING/LOUNGE)	GC		NOTCHED-TROWEL FINISH, VERTICAL FLUTING	PAINTED, COLOR TBD	ARCHITECT TO PROVIDE REFERENCE IMAGE FOR DESIRED TEXTURE; PROVIDE FIELD MOCK-UP FOR REVIEW

FINISH NOTES:	
1.	MOCK-UP 2x2 FT. SAMPLE OF ALL PAINT COLORS FOR OWNER/ARCHITECT REVIEW AND APPROVAL PRIOR TO PAINTING SURFACES
2.	PROVIDE PHYSICAL AND/OR DIGITAL SAMPLE SUBMITTALS TO ARCHITECT FOR ALL INTERIOR AND EXTERIOR FINISHES
3.	PROVIDE MANUFACTURER GROUT COLOR CHART/SAMPLES TO ARCHITECT & OWNER.
4.	REFERENCE SPECIFICATION FOR FURTHER TILE SETTING METHODS
5.	WATERPROOF ALL WET AREAS, FLOORS AND WALLS UP TO 6" VERTICALLY & 12" HORIZONTALLY, INCLUDING RESTROOMS, BAR, KITCHEN & MECHANICAL AREAS PER FLOORING MANUFACTURER'S RECOMMENDED PRODUCT.
6.	USE OPAQUE PAINTABLE SEALANT BETWEEN ALL DISSIMILAR MATERIALS WHERE ONE OR BOTH OF THE MATERIALS ARE PAINTABLE.
7.	PAIN SEALANT TO MATCH PAINTED SURFACE. AVOID THE USE OF CLEAR SEALANTS EXCEPT AT THE FOLLOWING GENERAL LOCATIONS: 7.1. STAINLESS STEEL TO ANY OTHER SURFACE THAN PAINTED DRYWALL 7.2. MILLWORK TO MILLWORK 7.3. STOREFRONT TO ANY OTHER SURFACE THAN PAINTED DRYWALL 7.4. AS SPECIFICALLY NOTED ON THE PLANS 7.5. USE EPOXY PAINT AT WET LOCATIONS.
8.	GC TO PROVIDE SAMPLES OF ALL PAINTED AND STAINED MATERIALS FOR OWNER AND ARCHITECT REVIEW AND APPROVAL PRIOR TO WORK COMMENCING.
9.	INTERIOR TILE GROUTS & SEALERS: 9.1. SANDED, TYP. 9.2. EPOXY AT WET LOCATIONS 9.3. CLEAR ACRYLIC SEALER OR USE MAPEI POLYMER GROUT ADDITIVE
10.	TRANSITIONS STRIPS: 10.1. U.N.O. ALL EXPOSED TILE EDGES AND TRANSITIONS TO DISSIMILAR MATERIALS TO RECEIVE TRANSITION STRIP RE: FINISH SCHEDULE
11.	DRYWALL FINISH: 11.1. U.N.O. ALL DRYWALL WALLS, CEILINGS, & SOFFITS SHALL BE LEVEL-4 FINISH 11.2. PROVIDE LEVEL-5 FINISH AT ALL DRYWALL SURFACES THAT ARE TO RECEIVE VINYL WALL COVERING
PAINT SHEEN NOTES:	
1.	NO COLOR MATCHING; USED SPECIFIED MFR. ONLY
2.	INTERIOR WALLS: 2.1. PRO-200 LOW-GLOSS EGGSHELL
3.	INTERIOR CEILINGS: 3.1. FLAT
4.	INTERIOR BASE, CASE, TRIM, DOORS, WALL PANELS, MOULDING: 4.1. SEMI-GLOSS

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1300-C Yellow Pine
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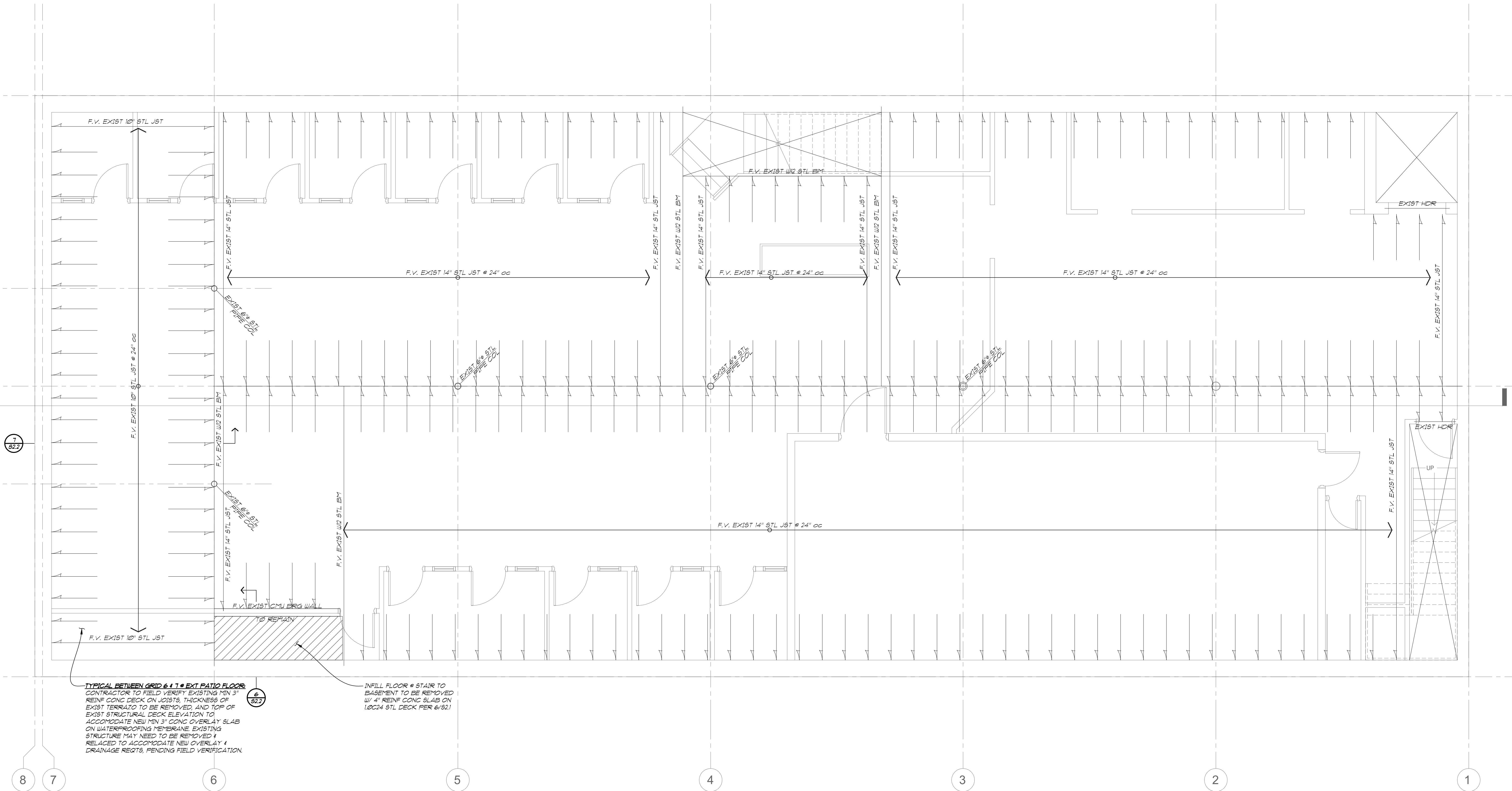
PROJECT No: 202305
ISSUE DATE: 09/22/23
REVISIONS:

SHEET TITLE:

FINISH SCHEDULE

SHEET NUMBER:

A7.1



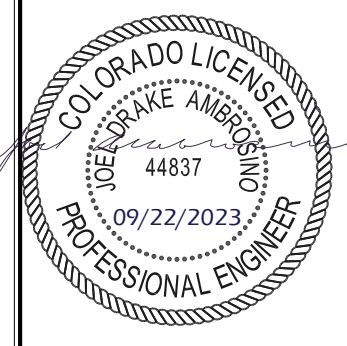
TYPICAL BETWEEN GRID & 1 - EXT PATIO FLOOR
 CONTRACTOR TO FIELD VERIFY EXISTING MIN 3" REINFC CONC DECK ON JOISTS, THICKNESS OF EXIST TERRAZZO TO BE REMOVED, AND TOP OF EXIST STRUCTURAL DECK ELEVATION TO ACCOMMODATE NEW MIN 3" CONC OVERLAY SLAB ON WATERPROOFING MEMBRANE. EXISTING STRUCTURE MAY NEED TO BE REMOVED & RELAGED TO ACCOMMODATE NEW OVERLAY & DRAINAGE REQTS, PENDING FIELD VERIFICATION.

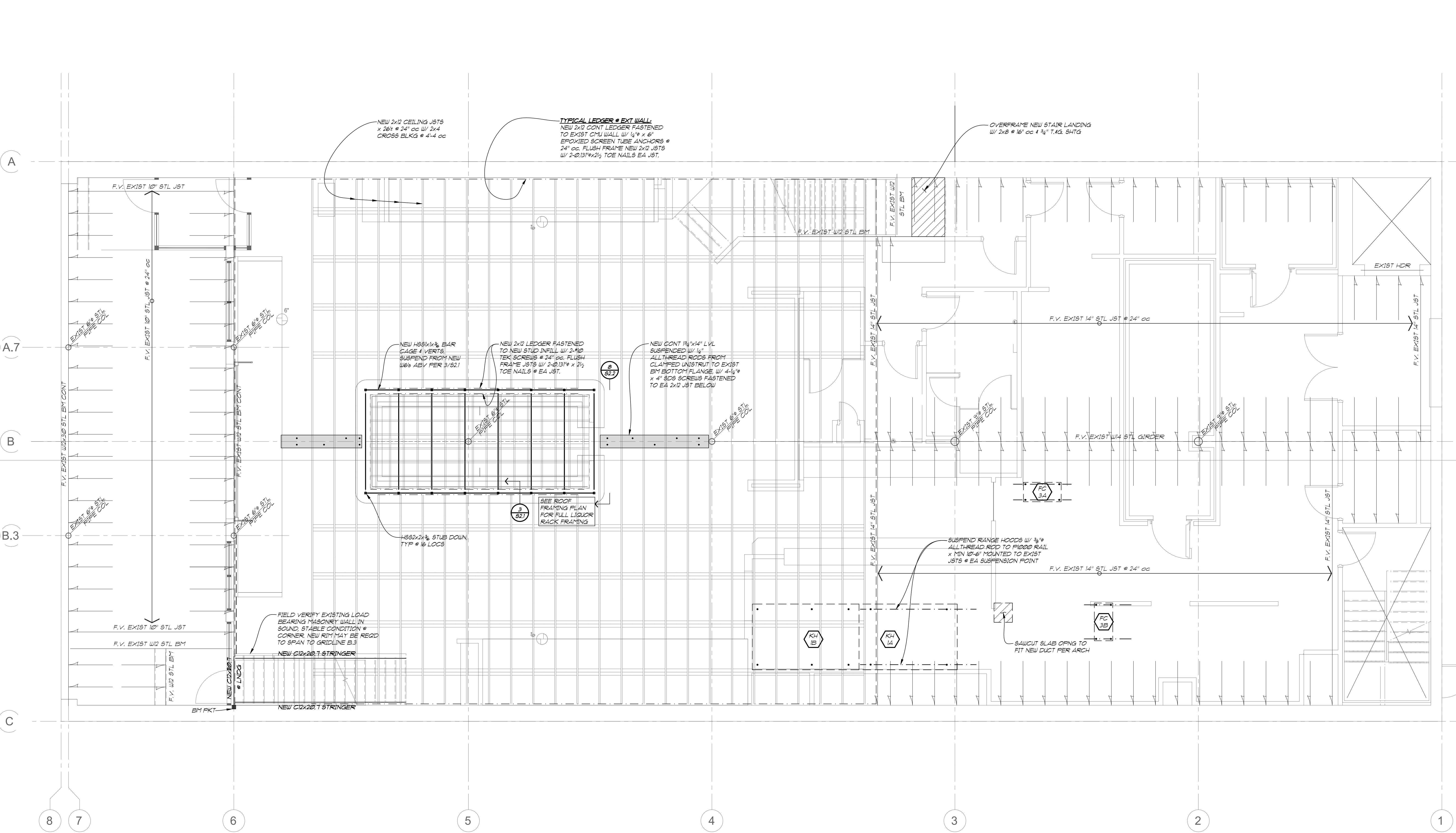
INFILL FLOOR @ STAIR TO BASEMENT TO BE REMOVED W/ 4" REINFC CONC SLAB ON 10024 STL DECK PER 6/521

MAIN FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0"
 - FIELD VERIFY (F.V.) EXISTING (E) CONDITIONS PRIOR TO NEW (N) CONSTRUCTION & NOTIFY GEBAU, INC OF ANY DISCREPANCIES.
 - SEE SHEET S21 FOR GENERAL STRUCTURAL NOTES

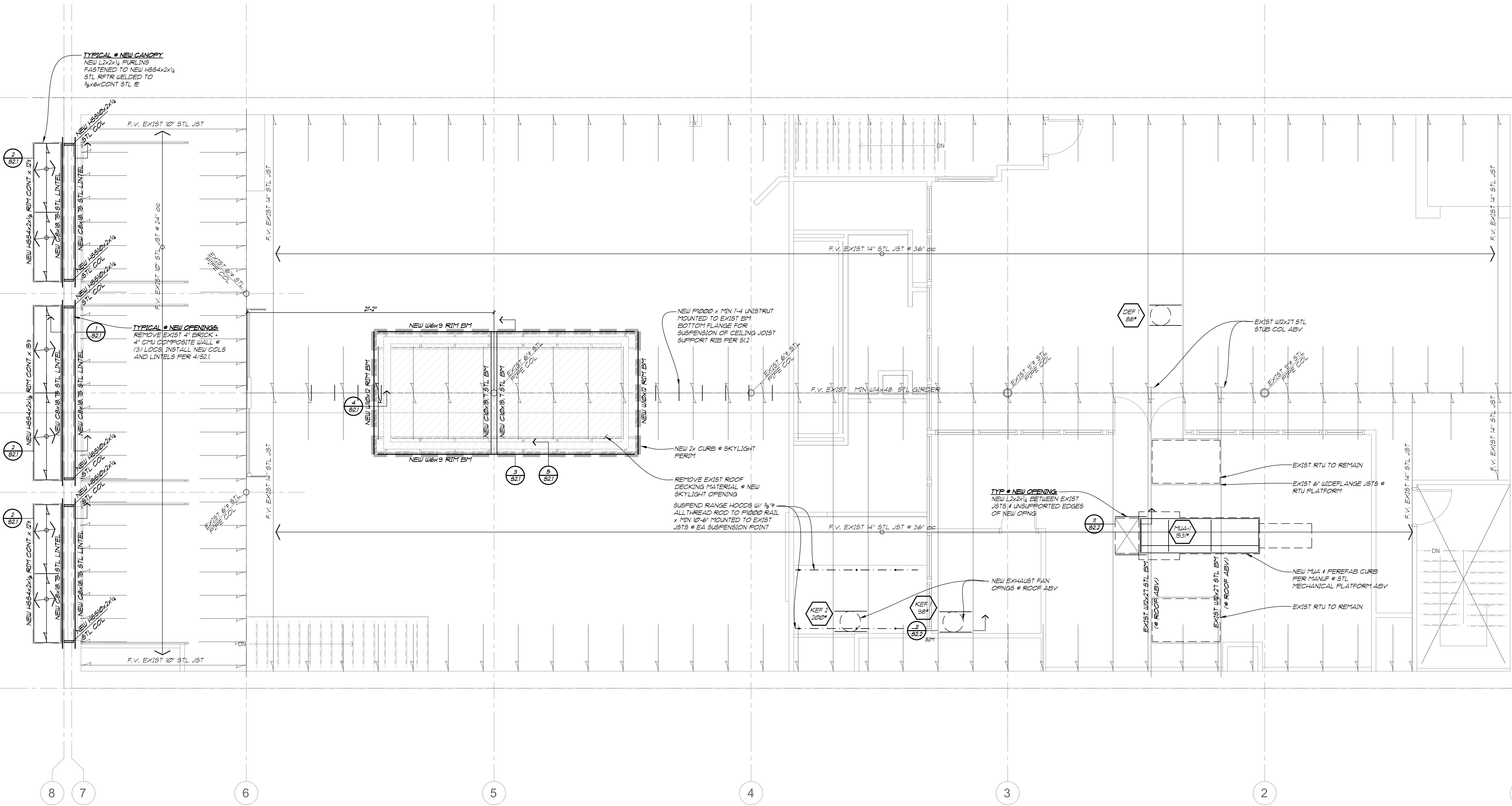
DATE: 09/22/23
JOB #: 23085
DRAWN BY: RCM
CHECKED BY: JA
REVISED:





MEZZANINE FRAMING PLAN

SCALE: 1/2" = 1'-0"
- FIELD VERIFY (F.V.) EXISTING (E) CONDITIONS PRIOR TO NEW (N) CONSTRUCTION & NOTIFY GEBAU, INC OF ANY DISCREPANCIES.
- (N) INTERIOR PARTITIONS TO BE MIN 2x4 @ 24" w/ 1/2" GYPSUM BOARD 2-SIDES w/ 1/4" DRYWALL SCREWS OR EQUIV @ 12" oc @ PANEL EDGES & 12" oc IN FIELDS
- SEE SHEET S2.1 FOR GENERAL STRUCTURAL NOTES



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JOB #: 23085
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REVISED:

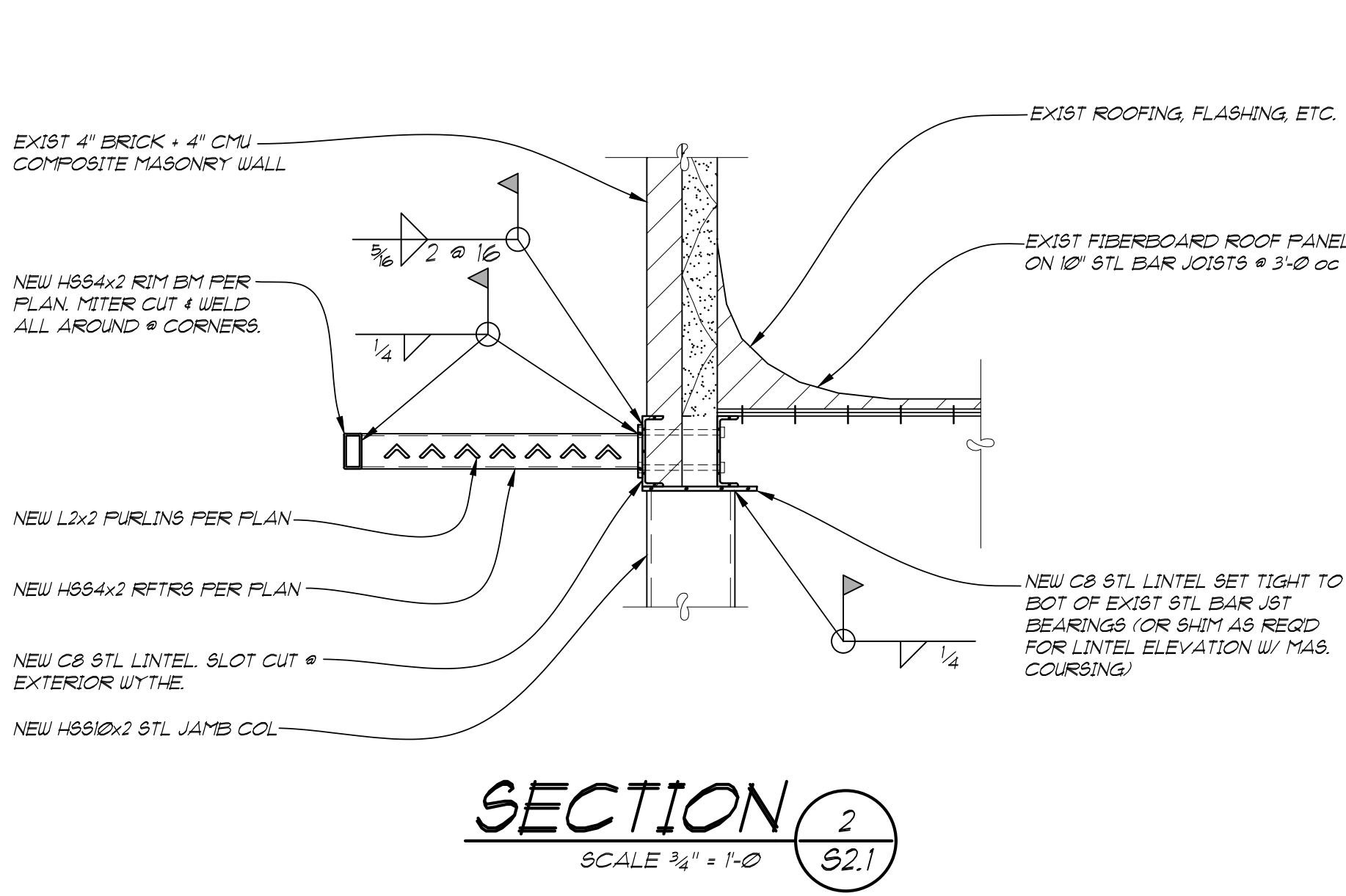
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PROFESSIONAL ENGINEER

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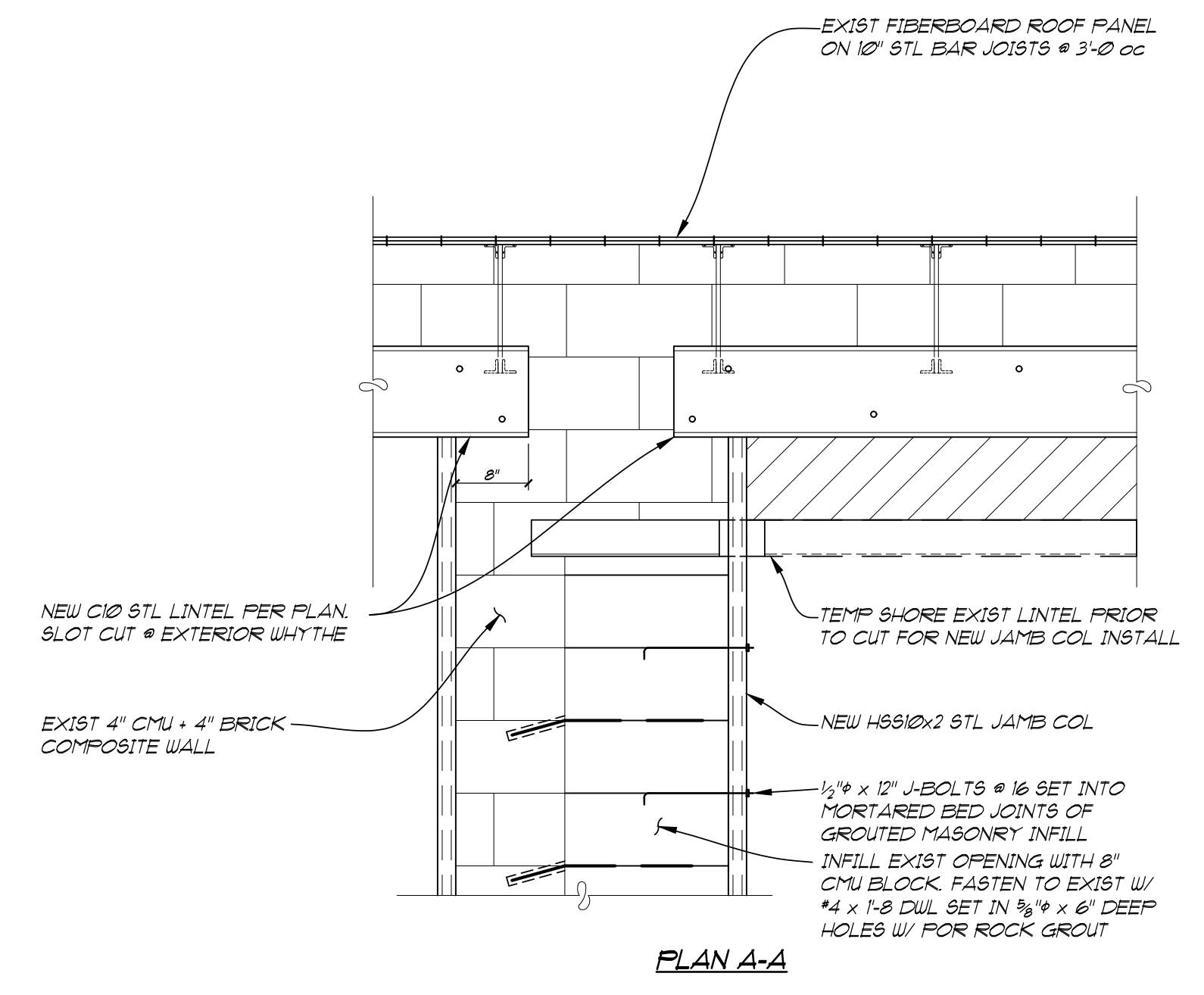
ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"

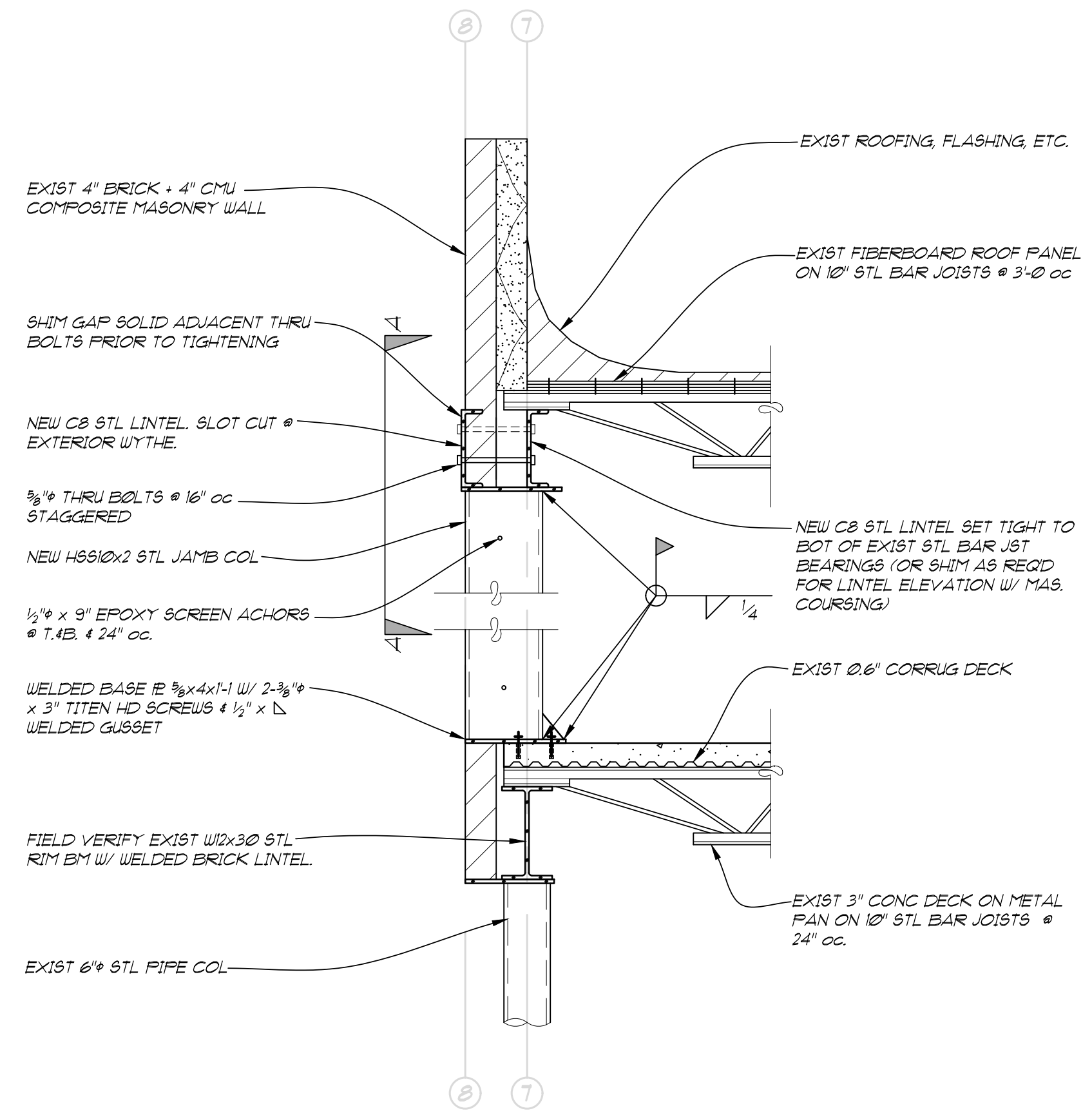
- FIELD VERIFY (F.V.) EXISTING (E) CONDITIONS PRIOR TO NEW (N) CONSTRUCTION & NOTIFY GEBAU, INC. OF ANY DISCREPANCIES.
- (N) INTERIOR PARTITIONS TO BE MIN 2x4 @ 24 W/ 1/2" GYPSUM BOARD 2-SIDES W/ 1/4" DRYWALL SCREWS OR EQUIV 8" oc @ PANEL EDGES 12" oc IN FIELDS
- SEE SHEET S2.1 FOR GENERAL STRUCTURAL NOTES



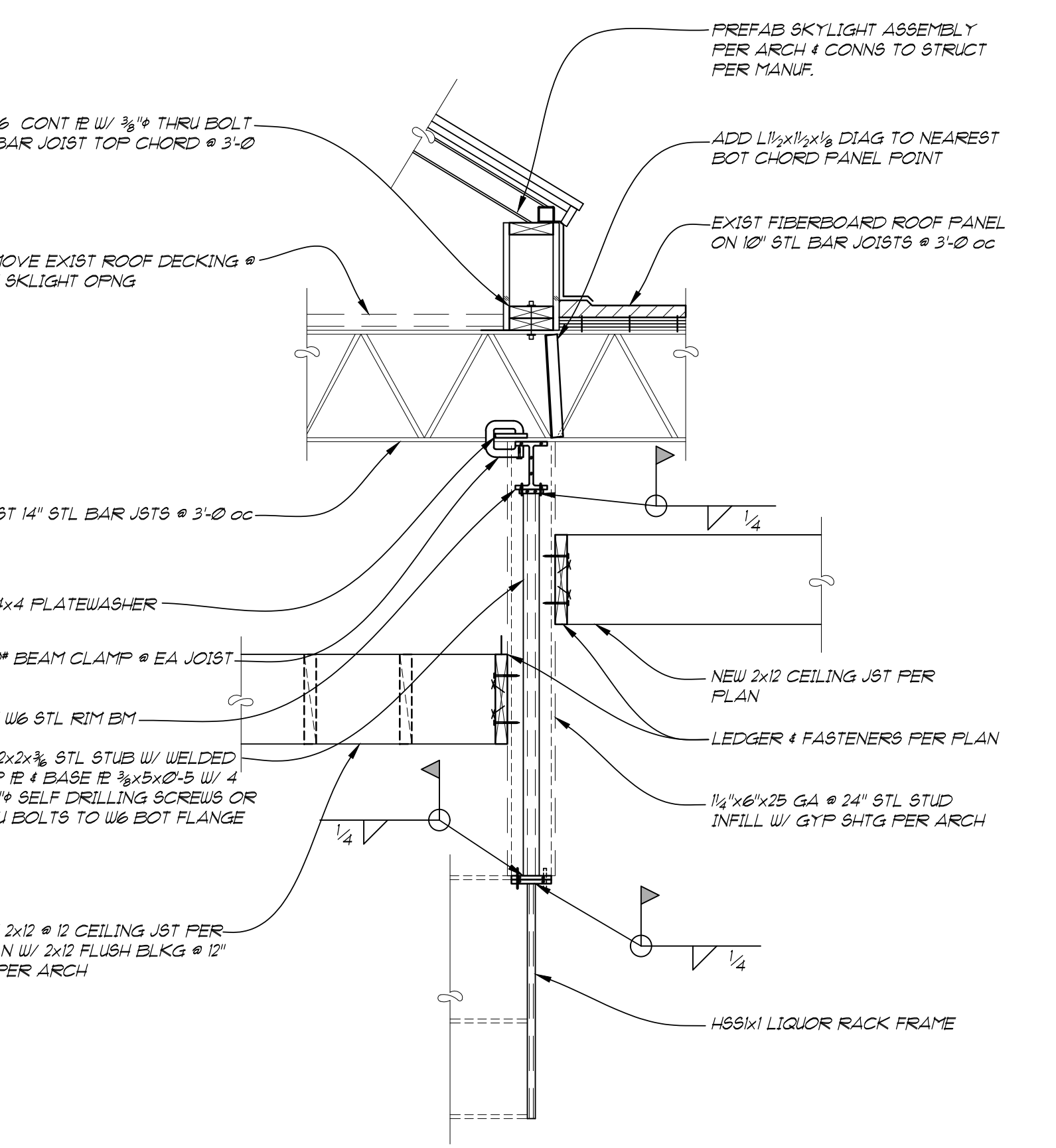
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SCALE 3/4" = 1'-0"
S2.1



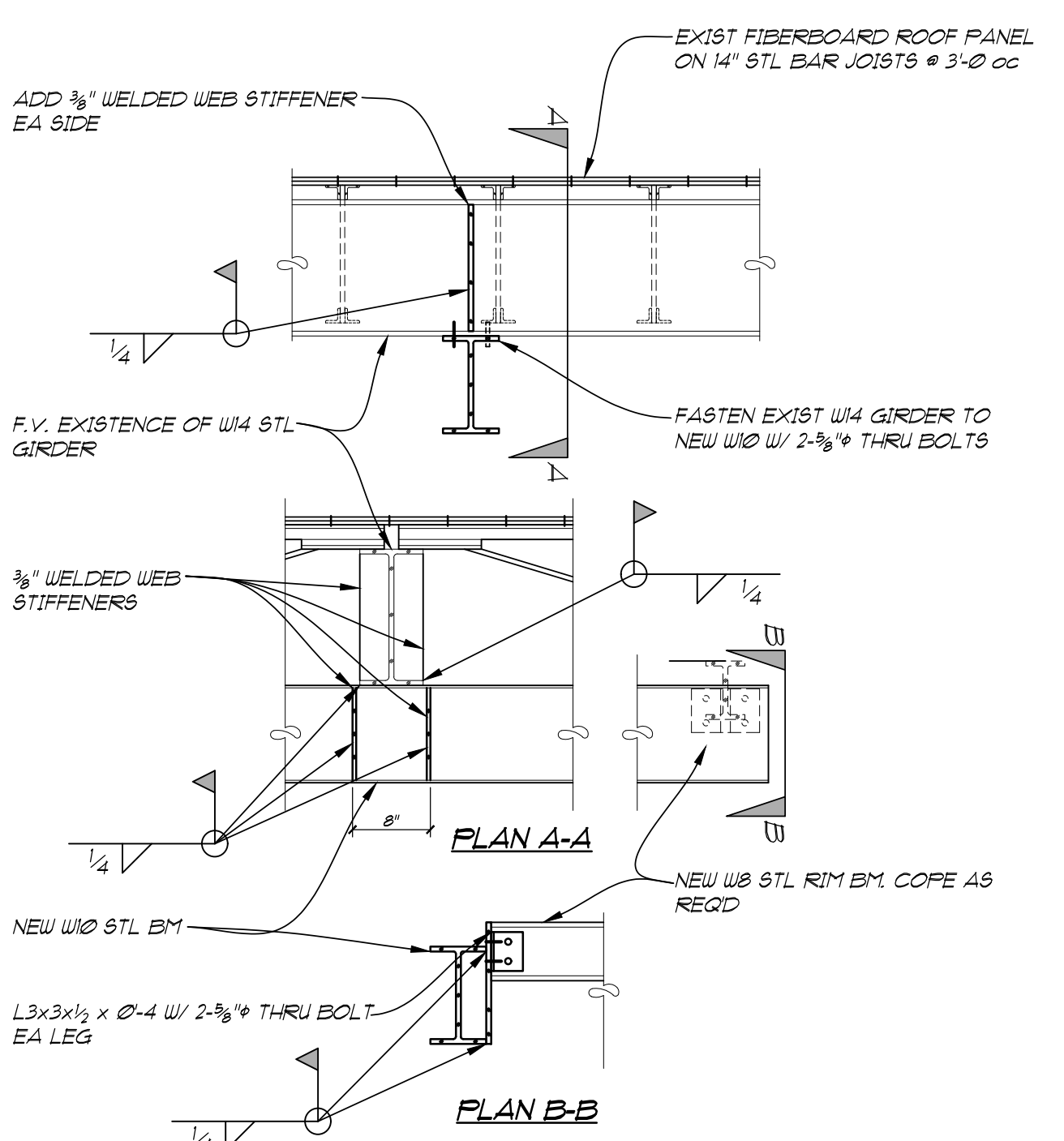
PLAN A-A



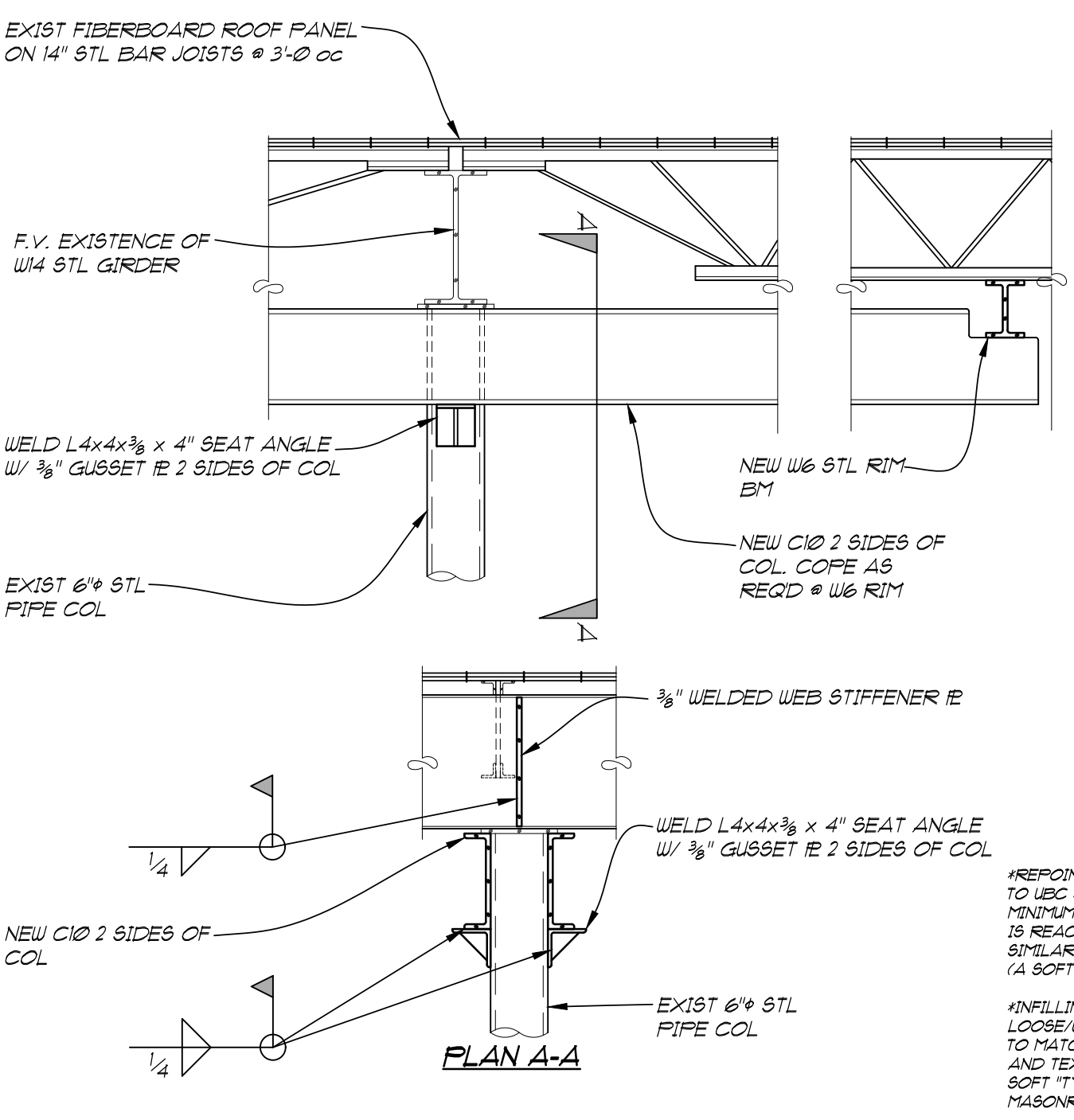
SECTION 1
SCALE 3/4" = 1'-0"
S2.1



SECTION 5
SCALE 3/4" = 1'-0"
S2.1



SECTION 4
SCALE 3/4" = 1'-0"
S2.1



SECTION 3
SCALE 3/4" = 1'-0"
S2.1

GENERAL STRUCTURAL NOTES

JOB #	23085
PROJECT	460 MAIN STREET
DESIGN CRITERIA	
BUILDING CODE	2018 INTERNATIONAL BUILDING CODE
JURISDICTION	CITY OF LONGMONT
RISK CATEGORY	II
DESIGN LOADS	
FLOORS	DEAD LOAD 10 PSF
	LIVE LOAD 40 PSF
ROOF	DEAD LOAD 10 PSF
	GROUND SNOW LOAD, S_g 30 PSF
WIND	1/4 EXPOSURE CATEGORY
	135 MPH
	B

INSPECTIONS

THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION FROM GEBAU INC. OR BY AN INSPECTION AGENCY APPROVED BY GEBAU INC. WITH A 48 HOUR ADVANCED NOTICE.

GEOTECHNICAL ENGINEER OF RECORD SHALL PERFORM OPEN HOLE VERIFICATION OF SOIL CONDITIONS PRIOR TO CONSTRUCTION.

FOOTINGS PRIOR TO CONCRETE POUR

FOUNDATION WALL FORMS, REINFORCING, ANCHOR BOLTS, EMBEDDED HOLDINGS, MOMENT FRAME EMBED PLATES, AND WELDED DOUELS PRIOR TO POUR.

REINFORCED CONCRETE STRUCTURAL FLOOR SLAB FORMS, REINFORCEMENT, AND VOID.

STRUCTURAL STEEL FRAMING ELEMENTS, BOLTING, FIELD WELDS, STEEL ROOF DECK, AND STEEL ROOF DECK CONNECTIONS.

GENERAL WOOD FRAMING CONNECTORS, AND FASTENING.

CMU VERTICAL REINFORCING, BOND BEAM STEEL, AND EMBED LOCATIONS PRIOR TO GROUTING AT ALL LIFTS.

CONCRETE AND REINFORCEMENT

CONCRETE SHALL CONFORM TO APPLICABLE PROVISIONS OF LATEST REVISION OF ACI 308.1 AND 308.3M 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:

ALL CONCRETE: 3000 PSI

CEMENT TYPE II IN CONCRETE EXPOSED TO SOIL. ALL OTHER TYPE I OR I/II.

WELDED WIRE FABRIC: ASTM A65

REINFORCEMENT FABRICATED AND PLACED PER ACI MANUAL OF STANDARD PRACTICE (ACI-308.1). SEE PLANS FOR OTHER REQUIREMENTS.

CONCRETE MUST BE PLACED CONTINUOUSLY WITHOUT HORIZONTAL COLD JOINT. IF COLD JOINT IS DESIRED, APPROPRIATE VERTICAL REINFORCEMENT MUST BE PROVIDED.

COLD WEATHER PLACEMENT SHALL CONFORM TO PRACTICE SET FORTH IN ACI MANUAL OF CONCRETE PRACTICE.

ADHESIVES: SIMPSON ACRYLIC TIE (A.T.), SIMPSON AT-XP, SIMPSON SET-XP, OR APPROVED EQUIVALENT UNLESS NOTED OTHERWISE. CONTRACTOR SHALL DETERMINE APPROPRIATE PRODUCT FOR CURING CONDITIONS (TEMPERATURE, MOISTURE).

STRUCTURAL STEEL

STRUCTURAL STEEL: W-SHAPES ASTM A992 F_y = 50 KSI, ALL OTHER A36 F_y = 36 KSI

STANDARD PIPE COLUMNS: ASTM A53 GRADE B

HOLLOW STRUCTURAL SECTIONS (HSS): ASTM A500 GRADE B F_y = 46 KSI

ALL ANGLES SHALL CONFORM TO ASTM A36

BOLTS: ASTM A307 FOR STEEL TO WOOD, ASTM A325 FOR STEEL TO STEEL

ELECTRODE FILLER WELD MATERIAL: E70XX MIN (STICK WELDING) OR MINIMUM 70KSI

ALL WELDERS SHALL HAVE EVIDENCE OF HAVING PASSED THE AWS STANDARD QUALIFICATION TEST

ALL EXPANSION ANCHORS TO BE KWIK BOLT 7.3, AS MANUFACTURED BY HELTI, OR STROBEK 1.1 AS MANUFACTURED BY SIMPSON OR EQUIVALENT TO BE REVIEWED AND APPROVED BY GEBAU PRIOR TO INSTALLATION.

MASTIC COAT ALL STEEL BELOW GRADE

ALL STRUCTURAL STEEL BEAMS SHALL BEAR MINIMUM OF 3" IN BEAM POCKETS WITH STEEL SHIMS + NON-SHRINK GROUT AS REQUIRED OR AS NOTED. ALL BEAMS TO BE LATERALLY BRACED AT BEARING.

ALL STRUCTURAL STEEL FABRICATED AND ERECTED PER AISC STEEL CONSTRUCTION MANUAL.

WOOD DESIGN

WOOD DESIGN VALUES IN PSI OR AS NOTED:

LAMINATED VENEER LUMBER (LVL) (1/4" LAMINATIONS):
F_b = 2600, F_v = 150, E = 1,900,000

FRAMING LUMBER - MAXIMUM MOISTURE CONTENT: 19%

WALL PLATE MTLR -
MEM NO. 2
F_b = 850, F_v = 405, F_c = 180, E = 1,300,000

JOISTS + RAFTERS - DOUGLAS FIR NO. 2
F_b = 900, F_v = 405, F_c = 180, E = 1,600,000

CONTRACTOR TO CONTACT GEBAU INC. IF ANY OF SUPPLIED WOOD MEMBERS DIFFER FROM THE MATERIAL SPECIFICATIONS ABOVE, PRIOR TO CONSTRUCTION.

NAILING PER INTERNATIONAL BUILDING CODE TABLE 2304.101 EXCEPT WHERE MORE OR LARGER NAILING SHOWN ON DRAWINGS.

CROSS BRIDGE ALL ROOF AND FLOOR JOISTS AT MIDSPAN WHERE BOTTOM DOES NOT RECEIVE DRY WALL OR OTHER SHEATHING. AS PER MANUFACTURER'S RECOMMENDATIONS.

GENERAL

CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO EXECUTING CORRESPONDING MODIFICATIONS AND SHALL NOTIFY GEBAU INC. IMMEDIATELY UPON DISCOVERY OF CONDITIONS DIFFERING FROM THOSE SHOWN.

THESE PLANS HAVE BEEN ENGINEERED FOR CONSTRUCTION AT ONE SPECIFIC BUILDING SITE. BUILDER ASSUMES ALL RESPONSIBILITY FOR USE OF THESE PLANS AT ANY OTHER BUILDING SITE.

MASONRY AND REINFORCEMENT

CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90-11 F₁ = 2000.

CLAY OR SHALE BRICK MASONRY UNITS SHALL CONFORM TO ASTM C216-MF85

MORTAR SHALL CONFORM TO ASTM C270 TYPE S.

GROUT SHALL CONFORM TO ASTM 416, 2500 PSI, 28 DAY STRENGTH.

MASONRY WALLS, PIERS, ETC SHALL BE GROUTED IN LIFTS NOT EXCEEDING 6'-0".

LAY MASONRY IN RUNNING BOND UNO.

CLEAN CELLS AND ROD GROUT INTO PLACE. PROVIDE CLEANOUTS AT BASE OF WALL.

TO MINIMIZE LEACHING, PROTECT ALL MASONRY WORK FROM MOISTURE INTRUSION DURING CONSTRUCTION.

GROUT REINFORCED CELLS, BOND BEAMS AND ALL CELLS BELOW GRADE.

MASONRY REINFORCEMENT: ASTM A65 GRADE 60.

ALL MASONRY WALLS TO BE HORIZONTALLY REINFORCED WITH STANDARD DURA-WALL AT 16" OC.

TYPICAL MINIMUM MASONRY VERTICAL REINFORCEMENT: #4 AT 32 OC UNLESS OTHERWISE NOTED OR DETAILED ON DRAWING MINIMUM LAP 24".

PROVIDE #5 AT SIDES OF ALL OPENINGS, CORNERS, CONTROL JOINTS AND WALL ENDS.

TYPICAL BOND BEAM REINFORCEMENT: 2-#4 CONTINUOUS GROUT SOLID.

REINFORCEMENT FABRICATED AND PLACED PER ACI MANUAL OF STANDARD PRACTICE (ACI-308.1).

COLD WEATHER PLACEMENT SHALL CONFORM TO PRACTICE SET FORTH IN GUIDE SPECIFICATIONS FROM INTERNATIONAL MASONRY ALL WEATHER COUNCIL AVAILABLE THROUGH PCA #1101A9.

SEE CONCRETE SECTION FOR MASONRY REINFORCEMENT NOTES.

REPOINTING OF CLAY MASONRY JOINTS - REPOINTING OF JOINTS SHALL CONFORM TO UBC STANDARD 218 - THE OLD OR DETERIORATED JOINT SHALL BE CUT OUT TO MINIMUM DEPTH OF TWO TIMES THE JOINT HEIGHT (MIN 1" TO MAX 3") UNTIL SOUND MORTAR IS REACHED AND ALL LOOSE MATERIAL REMOVED. PACK JOINTS WITH NEW MORTAR OF SIMILAR PHYSICAL STRENGTH, COLOR AND TEXTURE PROPERTIES IN 1/4" LAYERS UNTIL THE JOINT IS FILLED (A SOFT TYPE OF MORTAR WITH HIGH LIME CONTENT IS RECOMMENDED FOR HISTORIC MASONRY).

REPOINTING OF RUBBLE FOUNDATION JOINTS - REPOINTING OF JOINTS SHALL CONFORM TO UBC STANDARD 218 - THE OLD OR DETERIORATED JOINT SHALL BE CUT OUT TO MINIMUM DEPTH OF TWO TIMES THE JOINT HEIGHT (MIN 1" TO MAX 3") UNTIL SOUND MORTAR IS REACHED AND ALL LOOSE MATERIAL REMOVED. PACK JOINTS WITH NEW MORTAR OF SIMILAR PHYSICAL STRENGTH, COLOR AND TEXTURE PROPERTIES IN 1/4" LAYERS UNTIL THE JOINT IS FILLED (A SOFT TYPE OF MORTAR WITH HIGH LIME CONTENT IS RECOMMENDED FOR HISTORIC MASONRY).

INFILLING EXISTING MASONRY OPENINGS - INFILL EXISTING OPENINGS AND LOOSE/UNSTABLE MASONRY AT LOCATIONS NOTED PER PLAN WITH NEW MASONRY UNITS TO MATCH EXISTING UNITS. USE A NEW MORTAR OF SIMILAR PHYSICAL STRENGTH, COLOR AND TEXTURE PROPERTIES WITH A JOINT HEIGHT AND WIDTH TO MATCH EXISTING. (A SOFT TYPE OF MORTAR WITH HIGH LIME CONTENT IS RECOMMENDED FOR HISTORIC MASONRY).

COLD-FORMED STEEL STRUCTURAL FRAMING

ALL COLD-FORMED STEEL STRUCTURAL FRAMING SECTIONS SHALL BE FORMED OF STEEL MEETING THE REQUIREMENTS OF THE LATEST EDITION OF ASTM A510 WITH MINIMUM YIELD STRESSES AS FOLLOWS:

ALL COLD-FORMED STEEL STRUCTURAL FRAMING TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH IBC 2202 AND 2201

12 x 14 16 GAUGE STEEL STUDS, JOISTS, AND TRACK:
F_y = 50,000 PSI

18 x 20 GAUGE STEEL STUDS, JOISTS, AND TRACK:
F_y = 33,000 PSI

12 x 14 GAUGE STEEL CLIPS
F_y = 50,000 PSI

PROVIDE ADDITIONAL STUDS AT CORNERS, INTERSECTIONS, DOOR JAMBS, ETC. PER MANUFACTURER'S SPECIFICATIONS AND AS REQUIRED BY DRAWINGS.

SHOP DRAWINGS REQUIRED PRIOR TO FABRICATION OF ELEMENTS.

FRAMING SECTIONS ARE PER 887A (STEEL STUD MANUFACTURERS ASSOCIATION) SECTIONS SUPPLIED BY ALTERNATE MANUFACTURERS SHALL BE EQUIVALENT.

AXIALLY LOADED MEMBERS SHALL BE INSTALLED WITH ENDS TIGHT TO TOP + BOTTOM TRACKS PRIOR TO FASTENING. PROVIDE WEAK AXIS BRACINGS @ 48" OC VERTICALLY. MAX FASTENING OF LOAD BEARING COMPONENTS SHALL BE WITH MIN 1/8" TEK SCREW PER FLANGE OR WELDING (OR AS NOTED ON PLANS).

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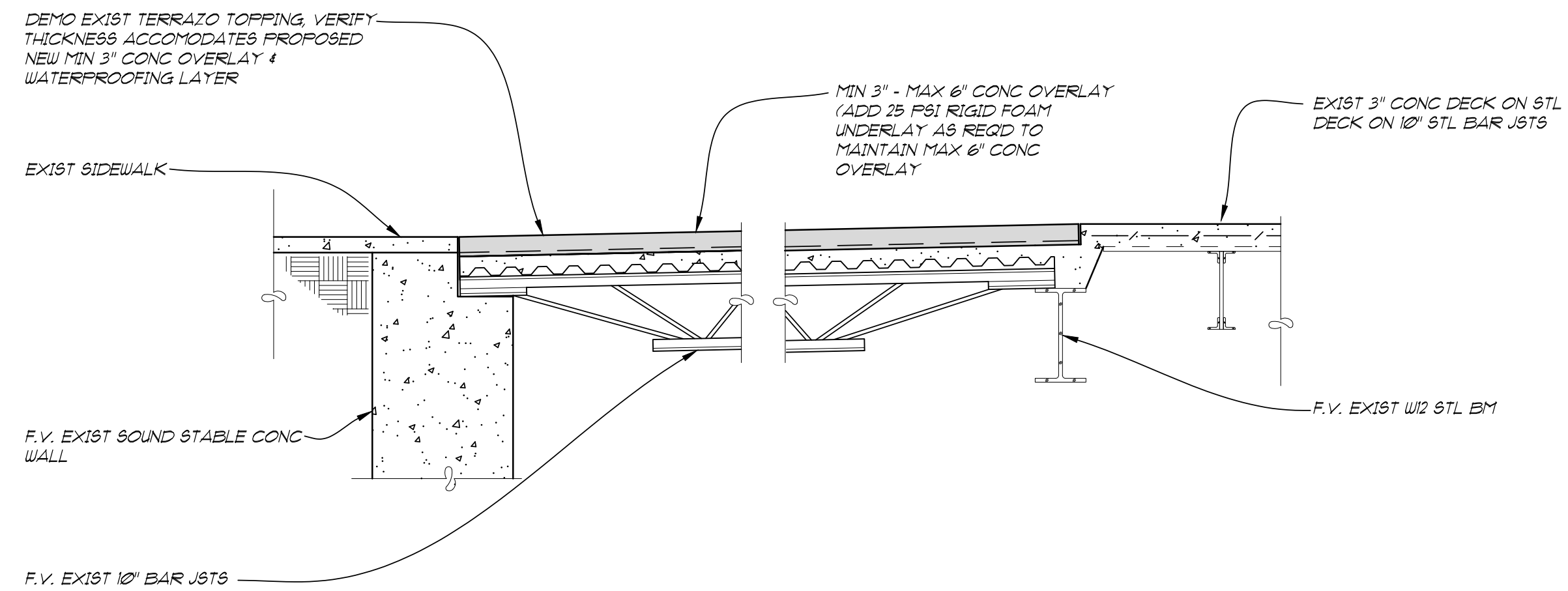
TEOCALLI CUCINA
 460 MAIN STREET
 LONGMONT, COLORADO

DATE: 09/22/23
 JOB #: 23085
 DRAWN BY: RCM
 CHECKED BY: JA
 REVISED:

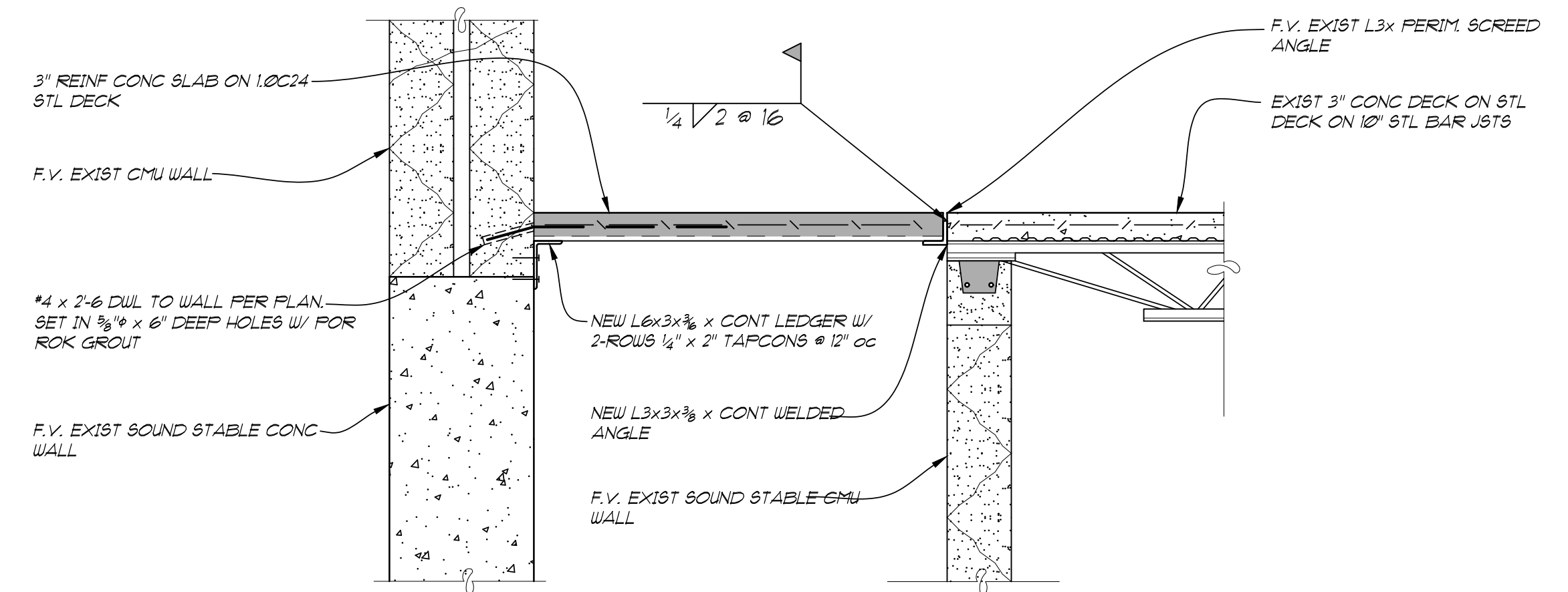
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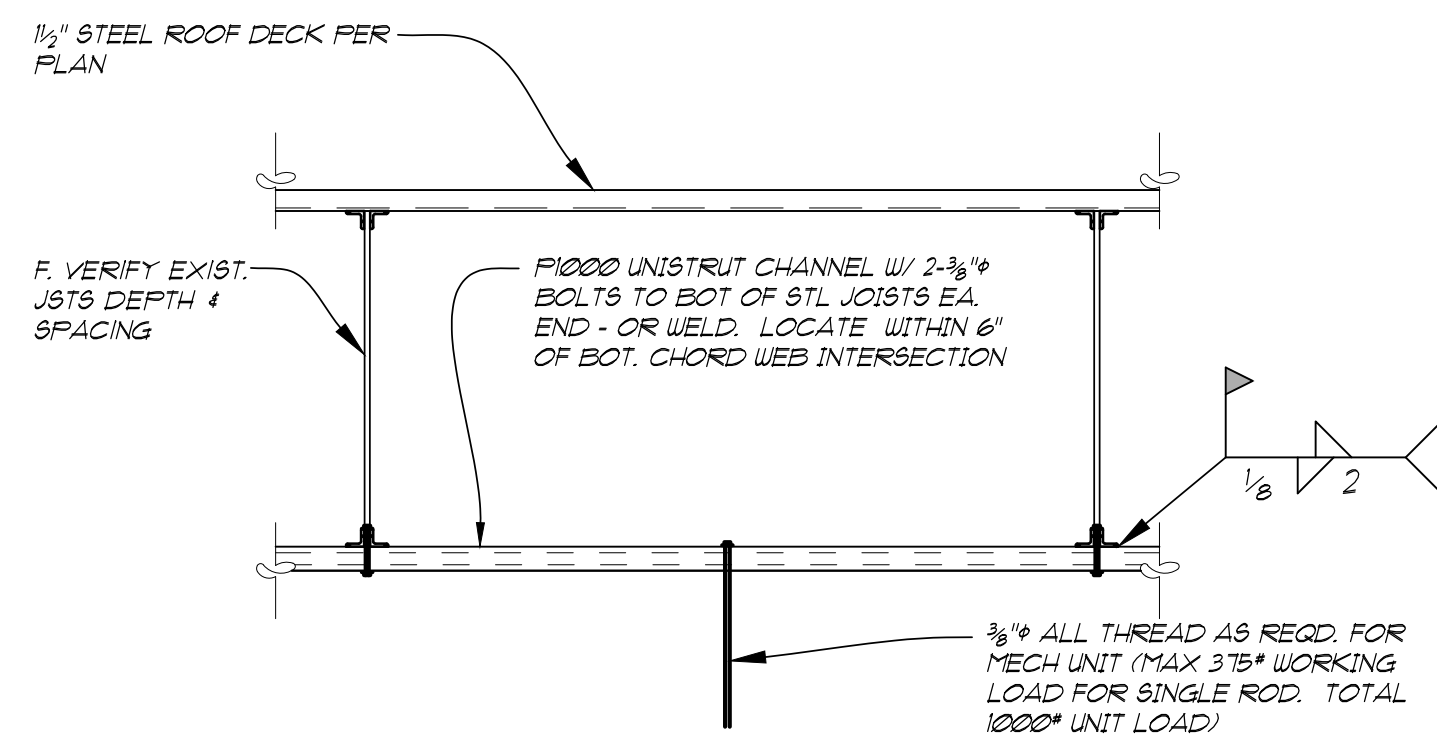
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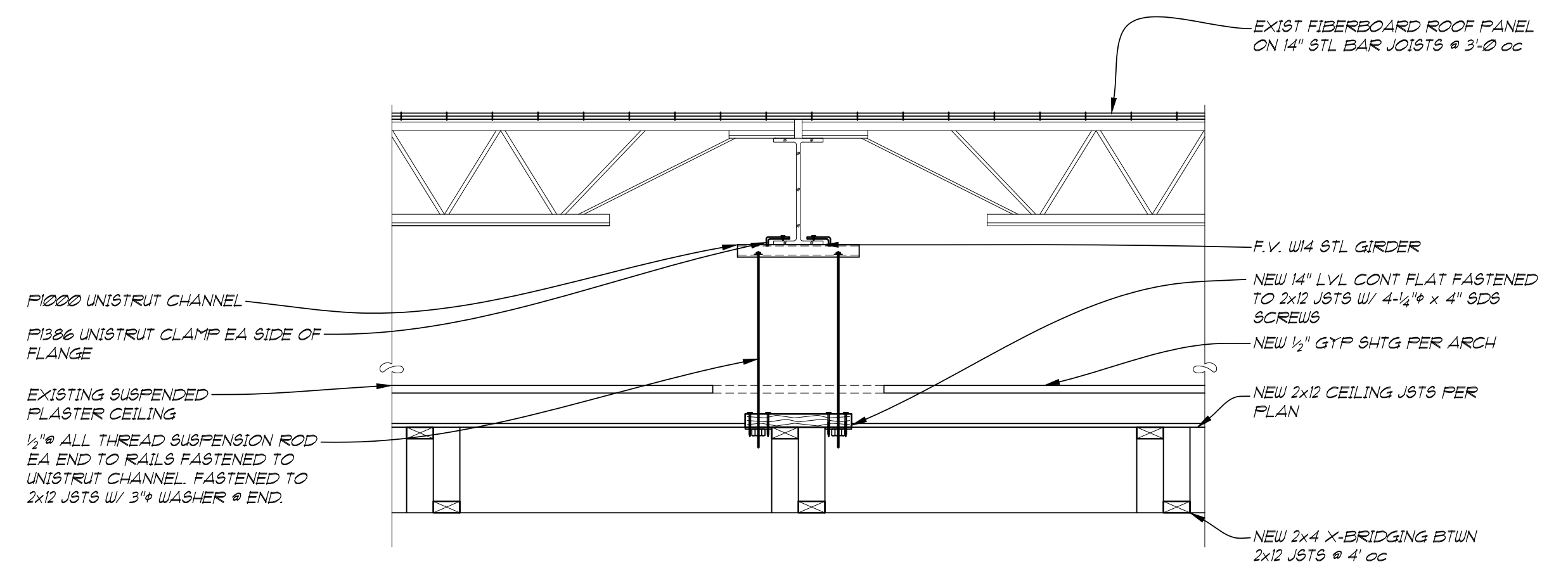
SECTION 7
SCALE 3/4" = 1'-0"
S2.2



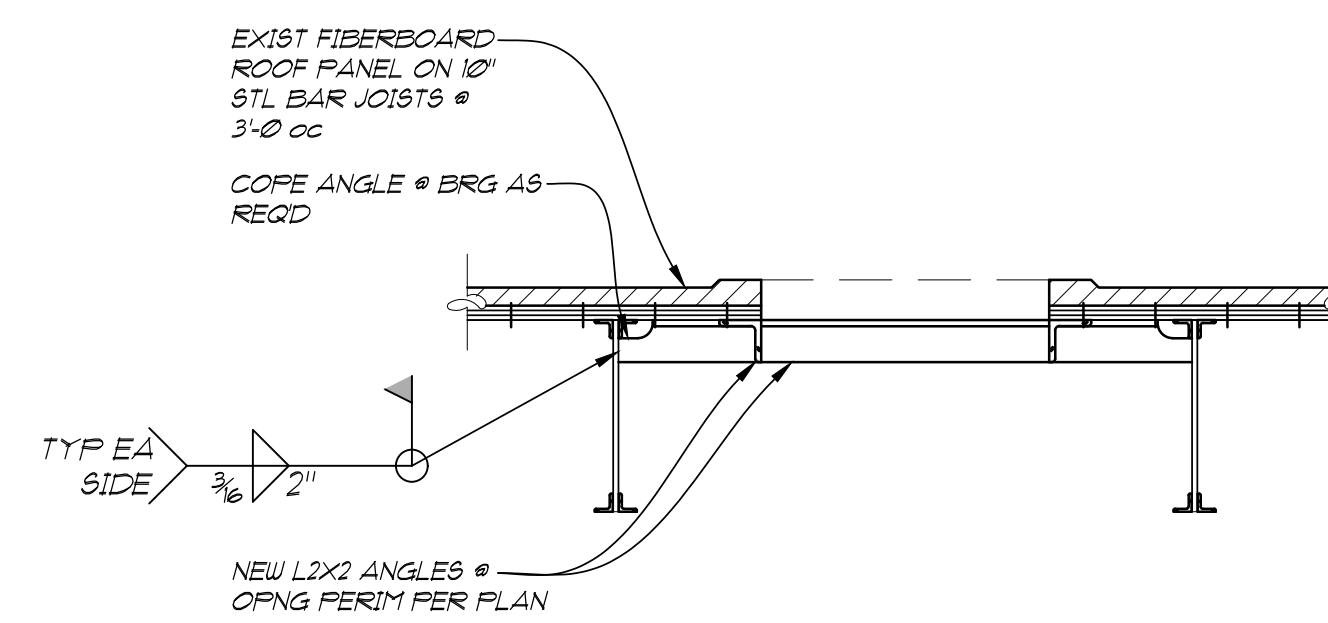
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S2.2



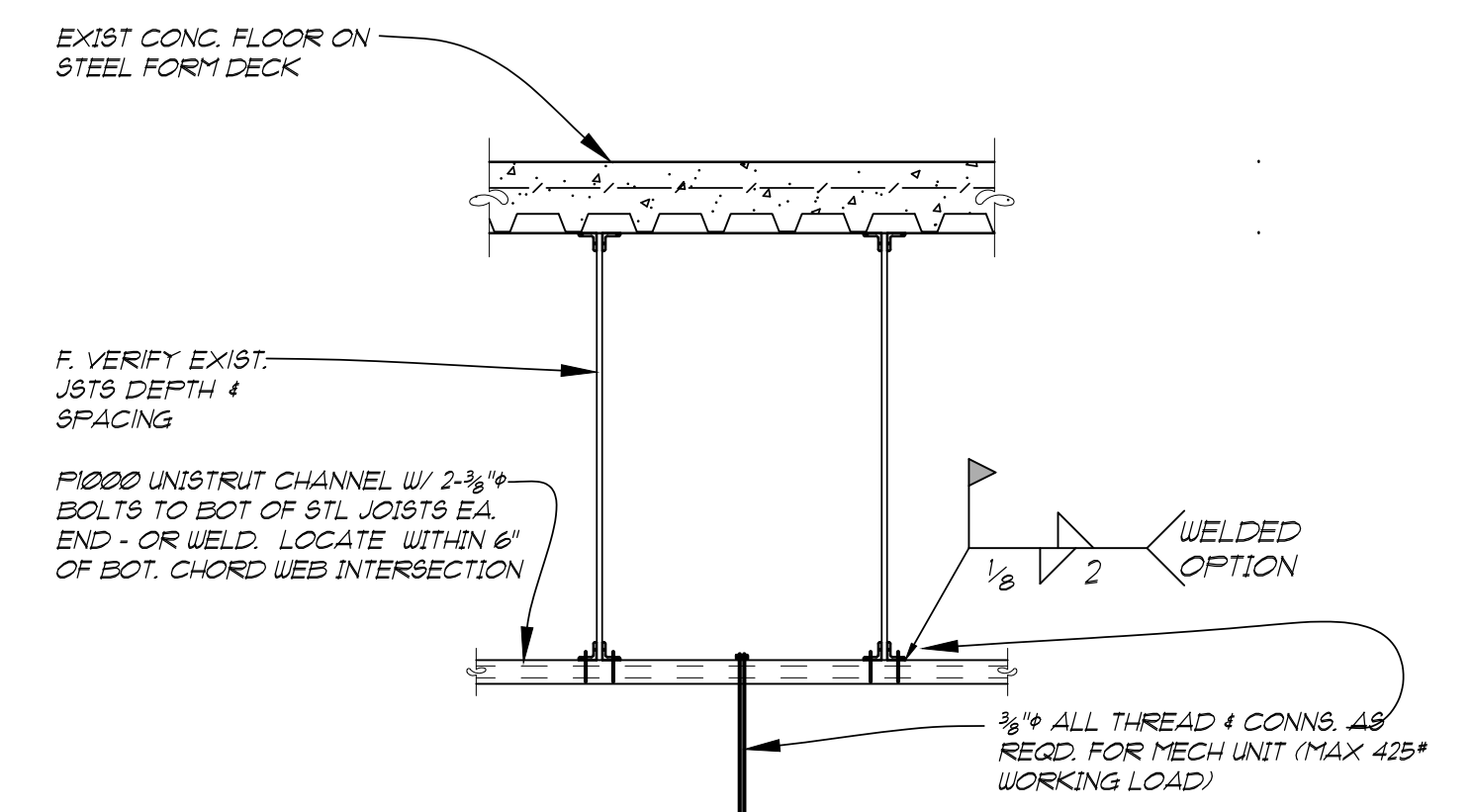
SECTION 9
SCALE 3/4" = 1'-0"
S2.2



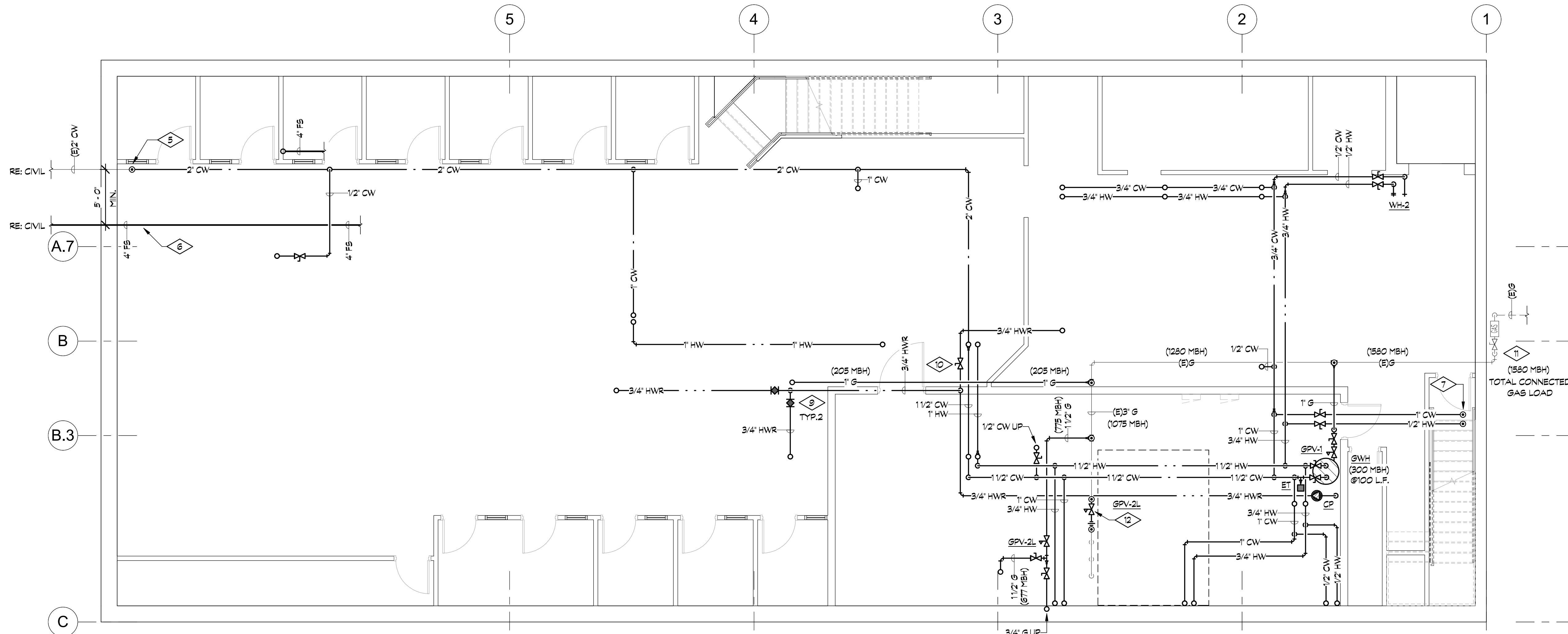
SECTION 8
SCALE 3/4" = 1'-0"
S2.2



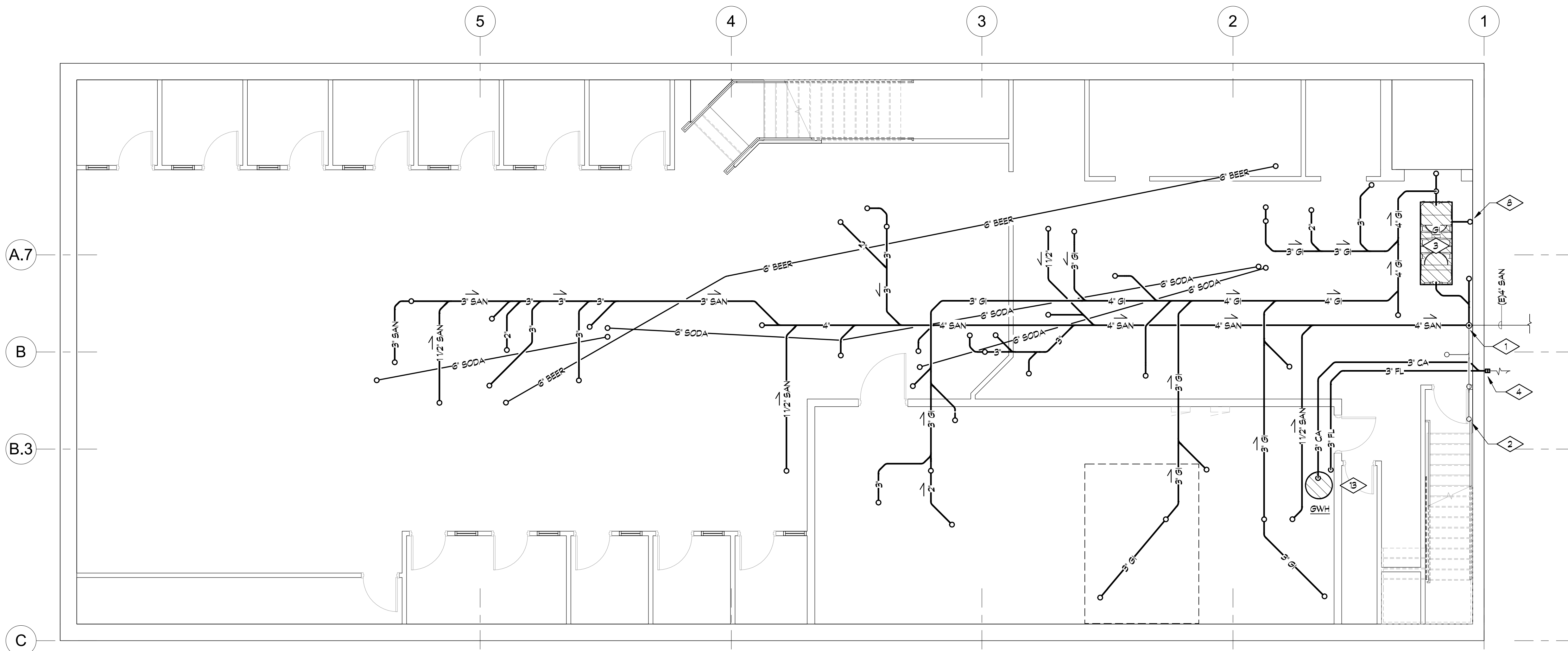
SECTION 11
SCALE 3/4" = 1'-0"
S2.2



SECTION 10
SCALE 3/4" = 1'-0"
S2.2



BASEMENT PIPING PLAN
3/16" = 1'-0"



BASEMENT SEWER PLAN
3/16" = 1'-0"

GENERAL NOTES

- A. PLUMBING CONTRACTOR TO COORDINATE SCOPING OF THE EXISTING SANITARY LINES PRIOR TO STARTING WORK. NOTIFY BUILDING OWNER OF ANY DEFICIENCIES OR REPAIRS REQUIRED.
- B. FIELD VERIFY ALL PLUMBING SYSTEMS, PIPE SIZES, LOCATIONS, ROUTING AND SERVICE IN THE AREA OF WORK PRIOR TO THE START OF ANY WORK.
- C. REFER TO SCHEDULES, DIAGRAMS AND ISOMETRIC DIAGRAMS FOR ALL PIPE SIZES NOT SHOWN ON PLAN. PIPE SIZES OF EXISTING PIPING SHOWN ON PLAN ARE TO BE FIELD VERIFIED, NOTIFY ENGINEER OF ANY DISCREPANCIES.
- D. FIELD COORDINATE ALL EQUIPMENT LOCATIONS AND PIPE ROUTINGS WITH ALL NEW AND EXISTING STRUCTURAL, HVAC, LIGHTS AND ALL OTHER DISCIPLINES PRIOR TO BEGINNING WORK.
- E. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ANY AND ALL CUTTING AND PATCHING AS REQUIRED TO ACCOMMODATE THEIR WORK, COORDINATE LOCATIONS WITH GENERAL CONTRACTOR.
- F. PLUMBING CONTRACTOR TO COORDINATE ROUGH-IN DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
- G. PLUMBING CONTRACTOR TO COORDINATE INSTALLATION HEIGHTS WITH KITCHEN PLANS PRIOR TO ROUGH-IN. MAKE CONNECTION TO EQUIPMENT AS PER KITCHEN SCHEDULE ON P.4.1.
- H. WATER, SEWER, GAS AND ELECTRICAL CONDUITS MUST FIT WITHIN WALLS. CONFLICTS WITH OTHER TRADES MUST BE COORDINATED OR WORK WILL BE REDONE.
- I. COORDINATE ALL ACCESS PANEL LOCATIONS FOR VALVES, SHOCK ARRESTORS, AIR ADMITTANCE VALVES AND ALL OTHER PLUMBING COMPONENTS INVOLVING ACCESS WITH ARCHITECT.
- J. NOT ALL ISOLATION VALVES SHOWN ON PLANS. PROVIDE ISOLATION VALVES ON ALL DOMESTIC WATER BRANCH PIPING. COORDINATE ANY AND ALL ACCESS PANELS WITH ARCHITECT.
- K. EQUIPMENT GAS CONNECTION SIZE PER PLANS OR SAME AS APPLIANCE SIZE, WHICHEVER IS LARGER. TRANSITION DOWNSTREAM OF ALL SHUTOFFS AND REGULATORS AS CLOSE TO APPLIANCE AS POSSIBLE WHEN PLANS CALL FOR LARGER THAN APPLIANCE.
- L. EXPOSED SEWER PIPING (TRAPS & INDIRECT DRAINS) MUST BE COPPER, EXCEPT FOR SODA MACHINES (PVC OK). RE: PROJECT SPECS.

DETAIL NOTES THIS SHEET

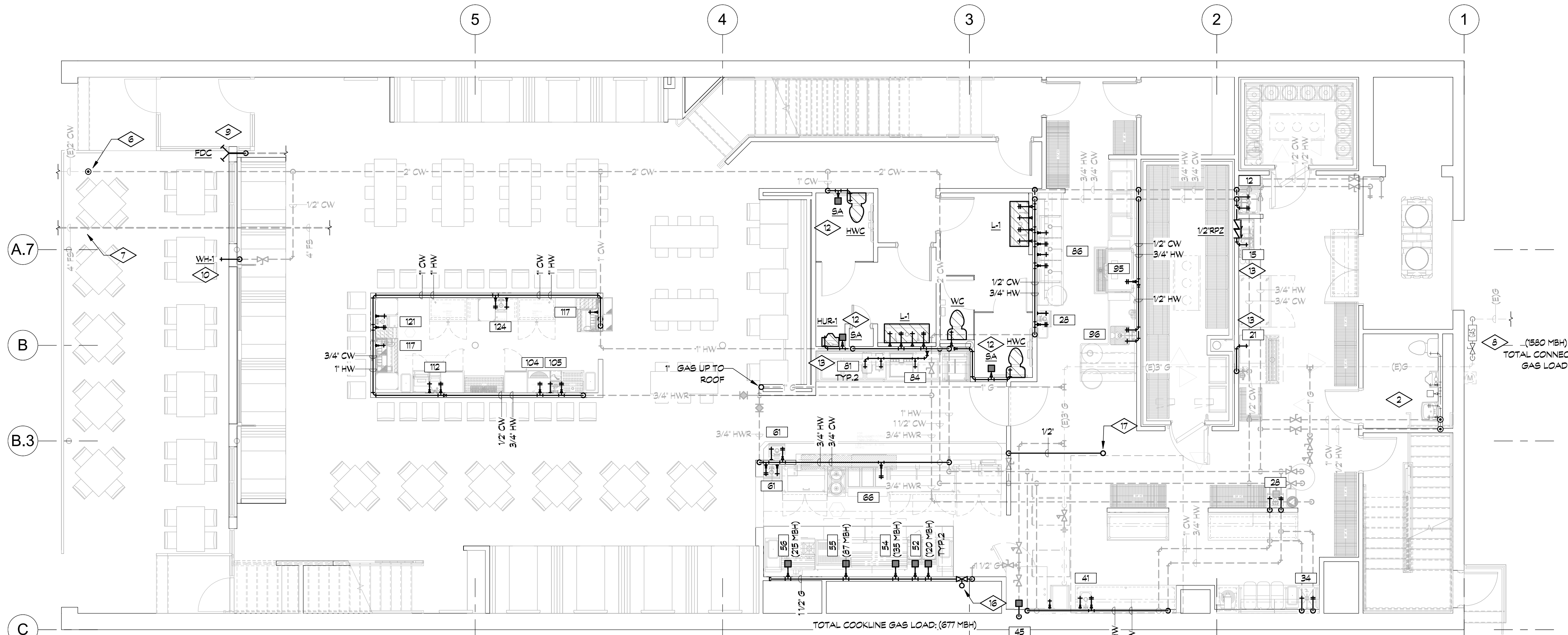
1. EXTEND AND CONNECT NEW SANITARY WASTE TO EXISTING SANITARY WASTE IN APPROXIMATE LOCATION SHOWN. FIELD VERIFY EXACT LOCATION, PIPE ROUTING AND INVERT ELEVATION AT POINT OF CONNECTION.
2. EXISTING RESTROOM WASTE PIPING TO REMAIN, NO NEW WORK.
3. PROVIDE NEW GREASE INTERCEPTOR IN LOCATION SHOWN. PROVIDE WITH BASE TO KEEP OUTLET PIPING AS HIGH AS POSSIBLE FOR CONNECTION TO EXISTING SANITARY SEWER. COORDINATE PLATFORM DIMENSIONS AND CONSTRUCTION WITH G.C. MAINTAIN VERTICAL CLEARANCE (MINIMUM 16") FOR REMOVAL OF LID(S). PROVIDE RISER KIT(S) IF REQUIRED TO MAKE COVER FLUSH WITH FIRST FLOOR (IF REQUIRED).
4. ROUTE NEW FLUE AND COMBUSTION AIR FOR GAS FIRED WATER HEATER THRU BUILDING EXTERIOR, TERMINATE IN CONCENTRIC VENT PER MANUFACTURERS INSTRUCTIONS.
5. EXTEND AND CONNECT DOMESTIC COLD WATER TO EXISTING COLD WATER TAP/METER IN APPROXIMATE LOCATION SHOWN. FIELD VERIFY EXACT LOCATION AND PIPE ROUTING AT POINT OF CONNECTION.
6. EXTEND AND CONNECT NEW FIRE PROTECTION PIPING TO CIVIL POC (APPROX. 5 FT OUTSIDE BUILDING). FIELD VERIFY EXACT LOCATION AND CONNECTION. COORDINATE FIRE RISER ROOM LOCATION WITH G.C. COORDINATE FDC LOCATION WITH AHJ. SPRINKLER DESIGN TO BE PERFORMED BY NFPA CERTIFIED DESIGNER, SHOP DRAWINGS BY DEFERRED SUBMITTAL.
7. RECONNECT NEW CW/HW TO EXISTING PIPING SERVING RESTROOM TO REMAIN. FIELD VERIFY EXACT LOCATION, SIZE AND PIPE ROUTING AT POINT OF CONNECTION.
8. ROUTE 3" PIPING FROM GREASE INTERCEPTOR REMOTE PUMP OUT KIT TO BUILDING EXTERIOR. COORDINATE EXTERIOR PENETRATION WITH G.C.
9. PROVIDE THERMOSTATIC BALANCING VALVE (CIRCUIT SOLVER CS-3/4-120) ON HOT WATER RECIRCULATION PIPING IN APPROXIMATE LOCATION SHOWN.
10. PROVIDE BALANCING VALVE SET TO 0.5 GPM ON HOT WATER RECIRCULATION PIPING IN APPROXIMATE LOCATION SHOWN.
11. EXISTING GAS SERVICE AND METER TO REMAIN. COORDINATE INCREASE IN GAS PRESSURE TO 14" W.C. WITH LOCAL UTILITY PROVIDER FOR TOTAL CONNECTED GAS LOAD INDICATED.. EXISTING GAS PIPING INTO BUILDING TO REMAIN.
12. PROVIDE NEW LINE PRESSURE GAS REGULATOR (MAXITROL 325-7AL) AT EXISTING MECHANICAL EQUIPMENT PIPING TO ACCOMMODATE INCREASE IN GAS PRESSURE. PROVIDE WITH VENT LIMITER (12449).
13. ROUTE CONDENSATE/ TEP RELIEF FROM WATER HEATER TO EXISTING SUMP IN MECHANICAL ROOM. FIELD COORDINATE EXACT LOCATION AND PIPE ROUTING.

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1300-C Yellow Pine
Boulder, CO 80304
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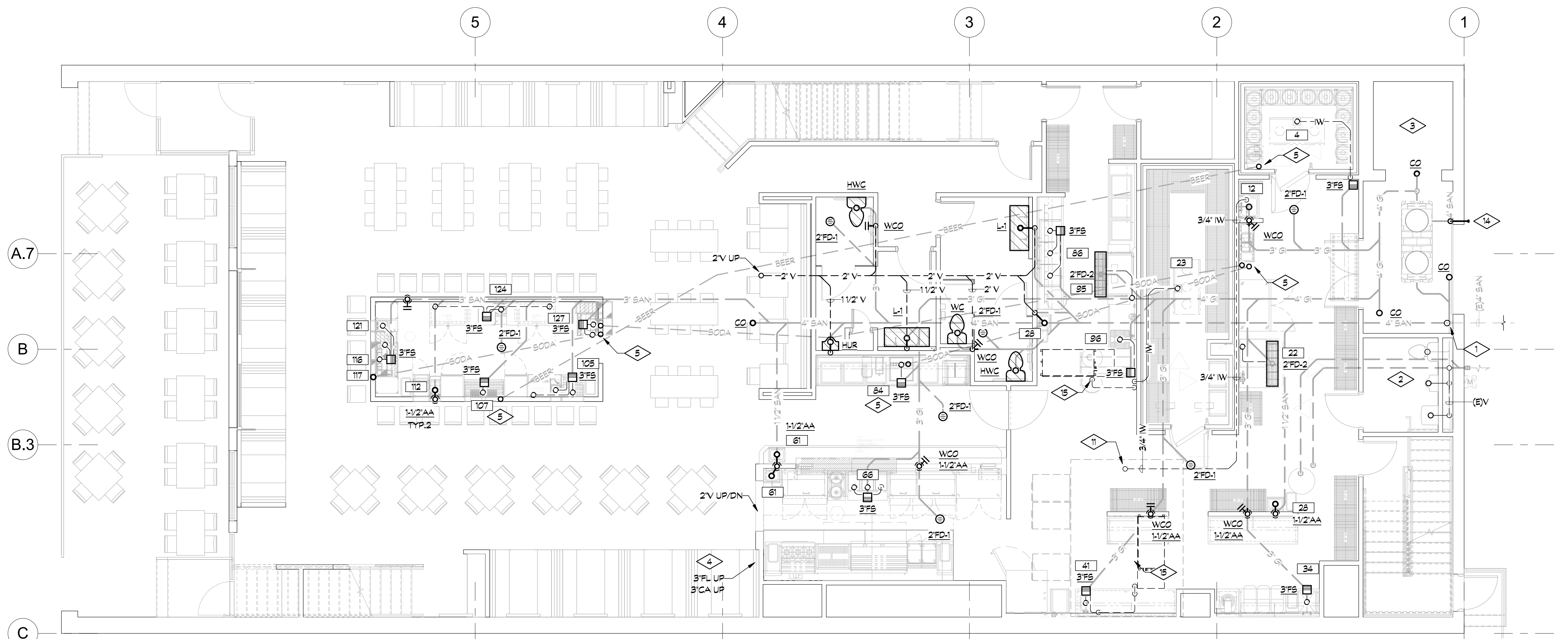
TEOCALLI - LONGMONT
460 Main St.
Longmont, CO 80501



PROJECT No:	23086
ISSUE DATE:	09/21/2023
REVISIONS:	
SHEET TITLE:	BASEMENT PLUMBING PLANS
SHEET NUMBER:	P1.0



FIRST FLOOR PIPING PLAN
3/8" = 1'-0"



FIRST FLOOR SEWER PLAN
3/8" = 1'-0"

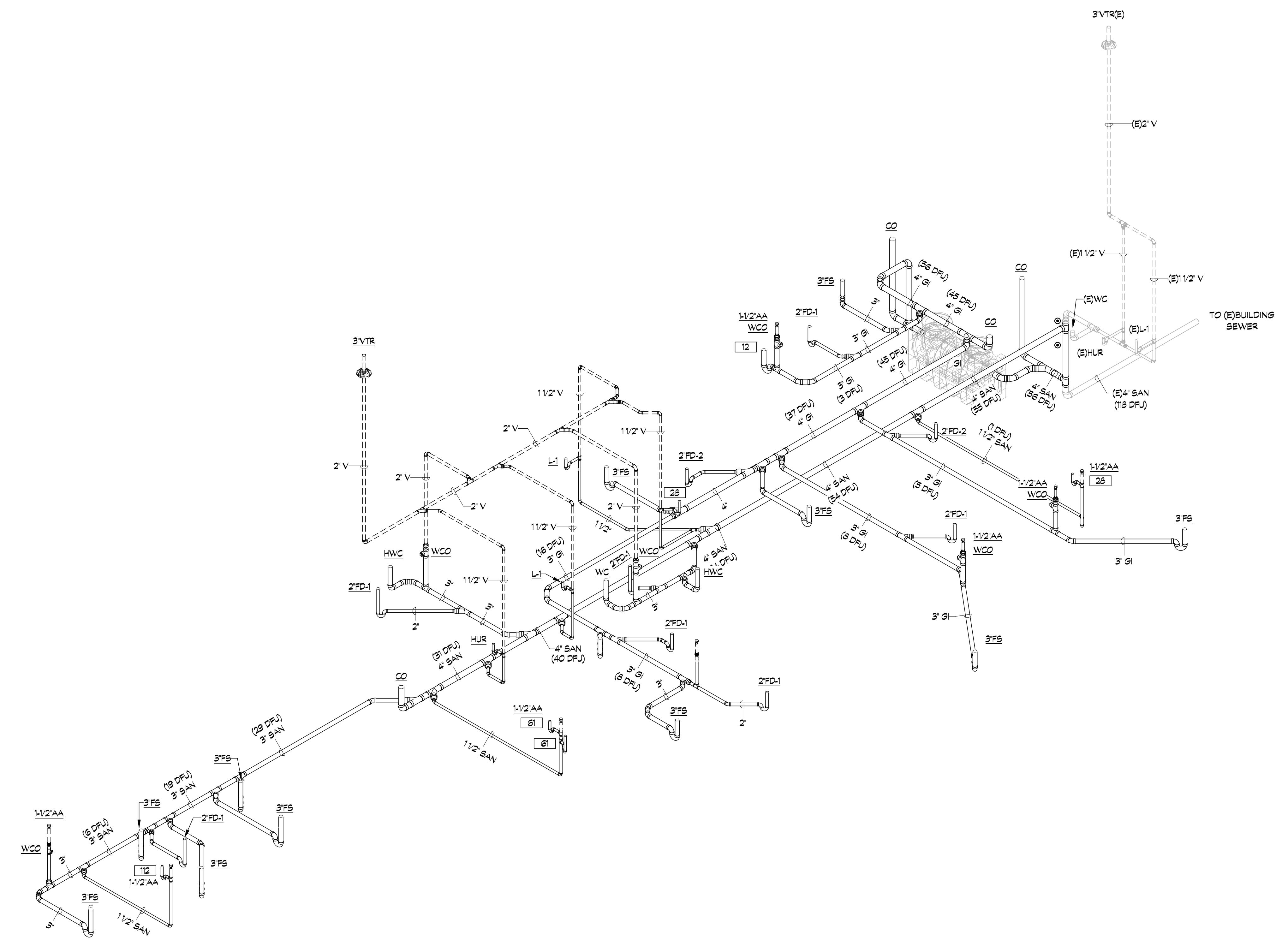
DETAIL NOTES THIS SHEET

1. EXTEND AND CONNECT NEW SANITARY WASTE TO EXISTING SANITARY WASTE IN APPROXIMATE LOCATION SHOWN. FIELD VERIFY EXACT LOCATION, PIPE ROUTING AND INVERT ELEVATION AT POINT OF CONNECTION.
2. EXISTING RESTROOM TO REMAIN, NO NEW WORK.
3. PROVIDE NEW GREASE INTERCEPTOR IN LOCATION SHOWN. PROVIDE WITH BASE TO KEEP OUTLET PIPING AS HIGH AS POSSIBLE FOR CONNECTION TO EXISTING SANITARY SEWER. COORDINATE PLATFORM DIMENSIONS AND CONSTRUCTION WITH G.C. CLEANOUT TO BE FLUSH WITH 1ST FLOOR.
4. ROUTE NEW FLUE AND COMBUSTION AIR FOR GAS FIRED WATER HEATER UP IN WALL AND THRU ROOF. RE: P1.1 FOR CONTINUATION.
5. PROVIDE 6" PVC CONDUIT WITH LONG SWEEP ELBOWS FOR SODA / BEER LINES. FIELD COORDINATE EXACT LOCATION AND ROUTING. SANITARY/GREASE WASTE PIPING TO TAKE PRECEDENCE.
6. EXTEND AND CONNECT DOMESTIC COLD WATER TO EXISTING COLD WATER TAP/METER IN APPROXIMATE LOCATION SHOWN. FIELD VERIFY EXACT LOCATION AND PIPE ROUTING AT POINT OF CONNECTION.
7. EXTEND AND CONNECT NEW FIRE PROTECTION PIPING TO CIVIL POC (APPROX. 5 FT OUTSIDE BUILDING). FIELD VERIFY EXACT LOCATION AND CONNECTION. COORDINATE FIRE RISER ROOM LOCATION WITH G.C. COORDINATE FDC LOCATION WITH AHJ. SPRINKLER DESIGN TO BE PERFORMED BY NFPA CERTIFIED DESIGNER. SHOP DRAWINGS BY DEFERRED SUBMITTAL.
8. EXISTING GAS SERVICE AND METER TO REMAIN. COORDINATE INCREASE IN GAS PRESSURE TO 14" W.C. WITH LOCAL UTILITY PROVIDER FOR TOTAL CONNECTED GAS LOAD INDICATED. EXISTING GAS PIPING INTO BUILDING TO REMAIN.
9. PRELIMINARY FDC LOCATION, COORDINATE FINAL LOCATION WITH AHJ AND FIRE SPRINKLER DESIGN. COORDINATE HORN/STROBE LOCATION WITH FIRE ALARM CONTRACTOR.
10. PRELIMINARY WALL HYDRANT LOCATION, COORDINATE FINAL LOCATION WITH TENANT. COORDINATE MOUNTING ELEVATION WITH G.C. AND ARCHITECT.
11. ROUTE DRAIN FROM MAKE-UP AIR UNIT TO SERVICE SINK. PROVIDE MINIMUM 1" AIR GAP AT SERVICE SINK.
12. PROVIDE SHOCK ARRESTOR ON WATER SUPPLY FOR FLUSH VALVE/URINALS. COORDINATE ACCESS PANEL WITH G.C. AND ARCHITECT.
13. MAKE CONNECTION TO FIXTURE THRU WATER FILTER (OWNER PROVIDED, P.C. INSTALLED).
14. ROUTE 3" PIPING FROM GREASE INTERCEPTOR REMOTE PUMP OUT KIT TO BUILDING EXTERIOR. COORDINATE EXTERIOR PENETRATION WITH G.C.
15. ROUTE INDIRECT WASTE FROM HVAC EQUIPMENT TO HUB DRAIN AT RESTROOM LAVATORY WASTE STANDPIPE. COORDINATE CONNECTION REQUIREMENTS AND SCOPE OF WORK WITH M.C.
16. 1/2" GAS COCK AND MECHANICAL GAS VALVE (BY KEC) IN WALL WITH LABELED ACCESS PANEL. PROVIDE NECESSARY INTERLOCKS WITH HOOD FIRE PROTECTION SYSTEM. RUN GAS PIPING IN WALL, STUB OUT TO EQUIPMENT W/ QUICK CONNECT FITTINGS PER SCHEDULES AND SPECS. PROVIDE ESCUTCHEONS FOR WALL PENETRATIONS.
17. 1/2" COLD WATER, 3/4" DRAIN UP TO KITCHEN MAKE-UP AIR UNIT ABOVE IN APPROXIMATE LOCATION SHOWN. FIELD VERIFY EXACT LOCATION AND EQUIPMENT CONNECTION REQUIREMENTS. COORDINATE WORK WITH M.C.



PROJECT No:	23086
ISSUE DATE:	09.21.2023
REVISIONS:	

SHEET TITLE:
FIRST FLOOR PLUMBING PLANS



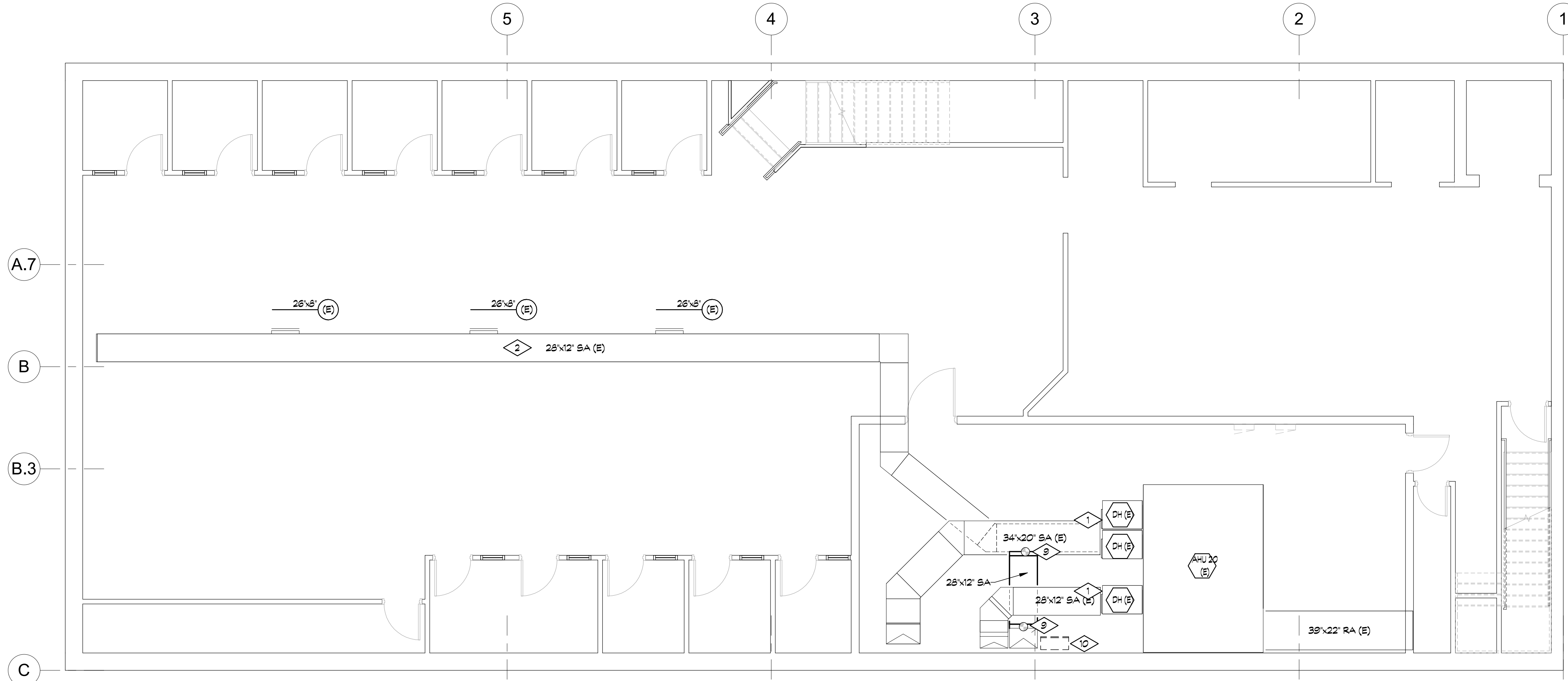
1 OVERALL DWV ISOMETRIC DIAGRAM



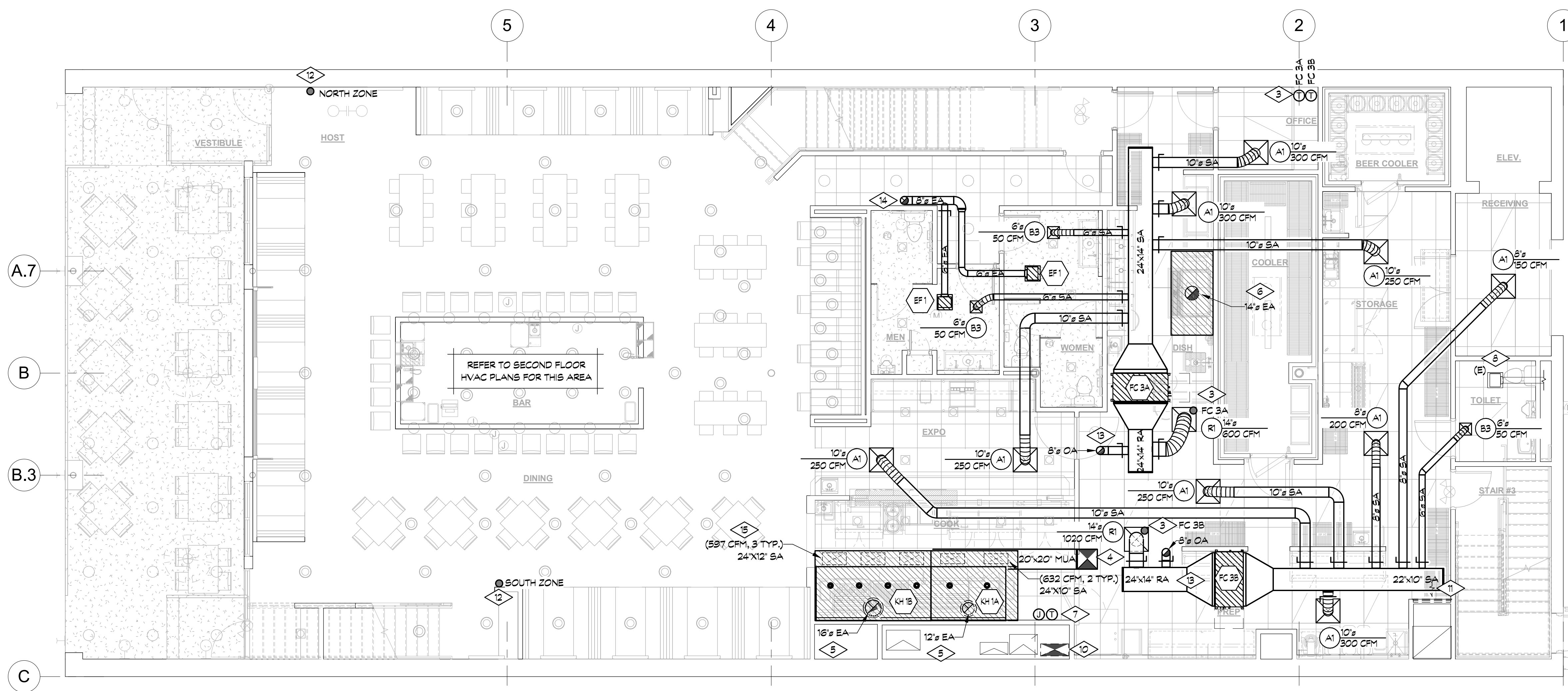
PROJECT No: 23086
ISSUE DATE: 09.21.2023
REVISIONS:

SHEET TITLE:
PLUMBING ISOMETRIC DIAGRAM

SHEET NUMBER:



BASEMENT HVAC PLAN
3/16" = 1'-0"



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

GENERAL NOTES

- A. FIELD VERIFY EXISTING SIZE AND LOCATION OF DUCTS & MECHANICAL EQUIPMENT PRIOR TO BEGINNING WORK.
- B. INSPECT EXISTING DUCT MAINS & SEAL ANY AUDIBLE AIR LEAKS AS REQUIRED TO ACHIEVE AIR FLOW WITHIN 5% OF NOTED TOTALS. REMOVE ANY DUCT WRAP ON EXPOSED DUCTWORK.
- C. FLEX DUCT MAY NOT BE USED IN EXPOSED LOCATIONS. WHERE CONCEALED, FLEX DUCT RUNS NO LONGER THAN 2', REFER TO SPECIFICATIONS.
- D. GRILLES, REGISTERS & DIFFUSERS & EXPOSED DUCTWORK TO MATCH ADJACENT CEILING/STRUCTURE COLOR. REFER TO ARCH PLANS FOR FINISHES.
- E. FIELD VERIFY EXISTING DUCT MAINS ARE TIGHT TO STRUCTURE. NOTIFY ENGINEER OF ANY DUCTS NOT TIGHT TO STRUCTURE.
- F. MECHANICAL SYSTEM IS LESS THAN 480,000 BTU/H COOLING AND 600,000 BTU/H HEATING AND IS THEREFORE NOT REQUIRED TO BE COMMISSIONED PER IECC C408.2.

DETAIL NOTES THIS SHEET

1. EXISTING DUCT HEATER TO REMAIN. CLEAN, TEST AND INSPECT FOR PROPER OPERATION. NOTIFY OWNER OF ANY DEFICIENCIES OR REPAIRS REQUIRED.
2. CLOSE OFF ALL DIFFUSERS TO BALANCE TO 600 CFM IN BASEMENT.
3. LOCATE NEW THERMOSTATS IN MANAGER OFFICE, PROVIDE REMOTE BULB SENSORS AT RETURN GRILLE.
4. ROUTE NEW MAKE-UP AIR DUCTWORK UP TO NEW MUA-1 ON ROOF. RE: M2.1 FOR CONTINUATION.
5. DOUBLE WALL STAINLESS STEEL, ZERO CLEARANCE EXHAUST DUCTWORK (ASTM E814) FROM HOODS TO ROOF. CAPTIVEAIRE DW-2R OR EQUIV. SLOPE DUCTWORK TO HOOD AT 1/4" PER 12". VERIFY EXACT CLEANOUT LOCATIONS PRIOR TO CONSTRUCTION. TRANSITION TO HOOD & EXHAUST FAN AS REQD.
6. DUCT UP FROM DISHWASHER HOOD TO EXHAUST FAN. ALL EXPOSED DUCTWORK TO BE STAINLESS STEEL. SLOPE DUCTWORK BACK TO HOOD AT 1/8" PER 12". DUCT TO BE WATER TIGHT PER SPECIFICATIONS. TRANSITION AS NEEDED TO TYPE II HOOD AT DISH MACHINE, BALANCE AS INDICATED.
7. MAKE UP AIR CONTROL STATION/ ROOM OVERRIDE T-STAT. COORDINATE EXACT LOCATION WITH ARCHITECT AND GENERAL CONTRACTOR.
8. EXISTING RESTROOM EXHAUST FAN TO REMAIN. CLEAN & SERVICE AS REQUIRED.
9. CONNECT NEW DUCT FROM EXISTING SUPPLY TO EXISTING OUTSIDE AIR DUCT. TO BE USED AS SUPPLY FOR UPPER LEVEL.
10. DEMO EXISTING FIRST FLOOR SUPPLY DUCT. CAP AND SEAL MAIN TRUNK.
11. REMOVE EXISTING 36X36 RETURN GRILLE. CAP AND SEAL.
12. REMOTE BULB SENSOR FOR REHEAT ZONES, COORDINATE WITH EXISTING CONTROLS.
13. 8" OA UP TO ROOF. SEE SHEET M2.1 FOR CONTINUATION.
14. 6" EA UP TO ROOF. SEE SHEET M2.1 FOR CONTINUATION.
15. MAKE UP AIR DUCT SIZED AS SHOWN. TRANSITION TO HOOD SUPPLY COLLAR AS NEEDED AND BALANCE TO AIR QUANTITY.

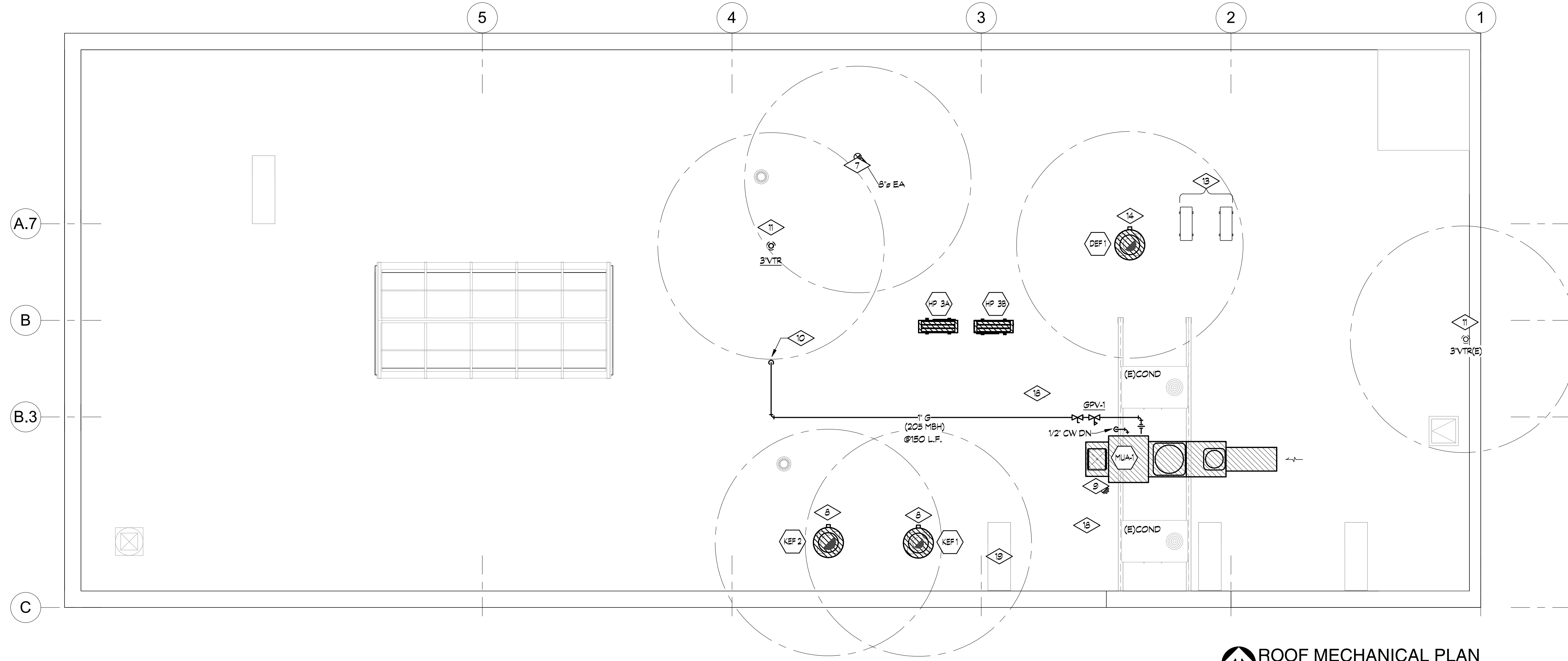


PROJECT No:	23086
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REVISIONS:	

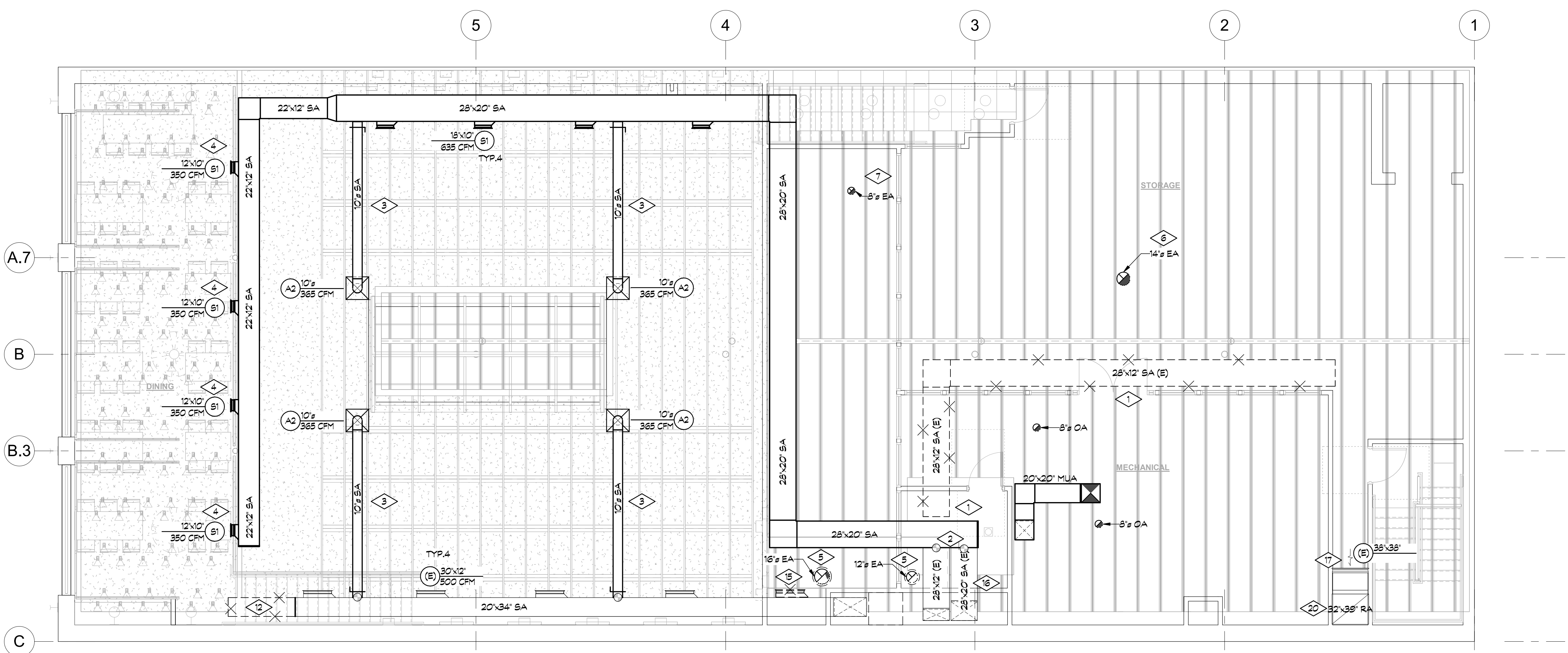
SHEET TITLE:
BASEMENT & FIRST FLOOR HVAC PLAN

SHEET NUMBER:

M1.1



ROOF MECHANICAL PLAN
3/16" = 1'-0"



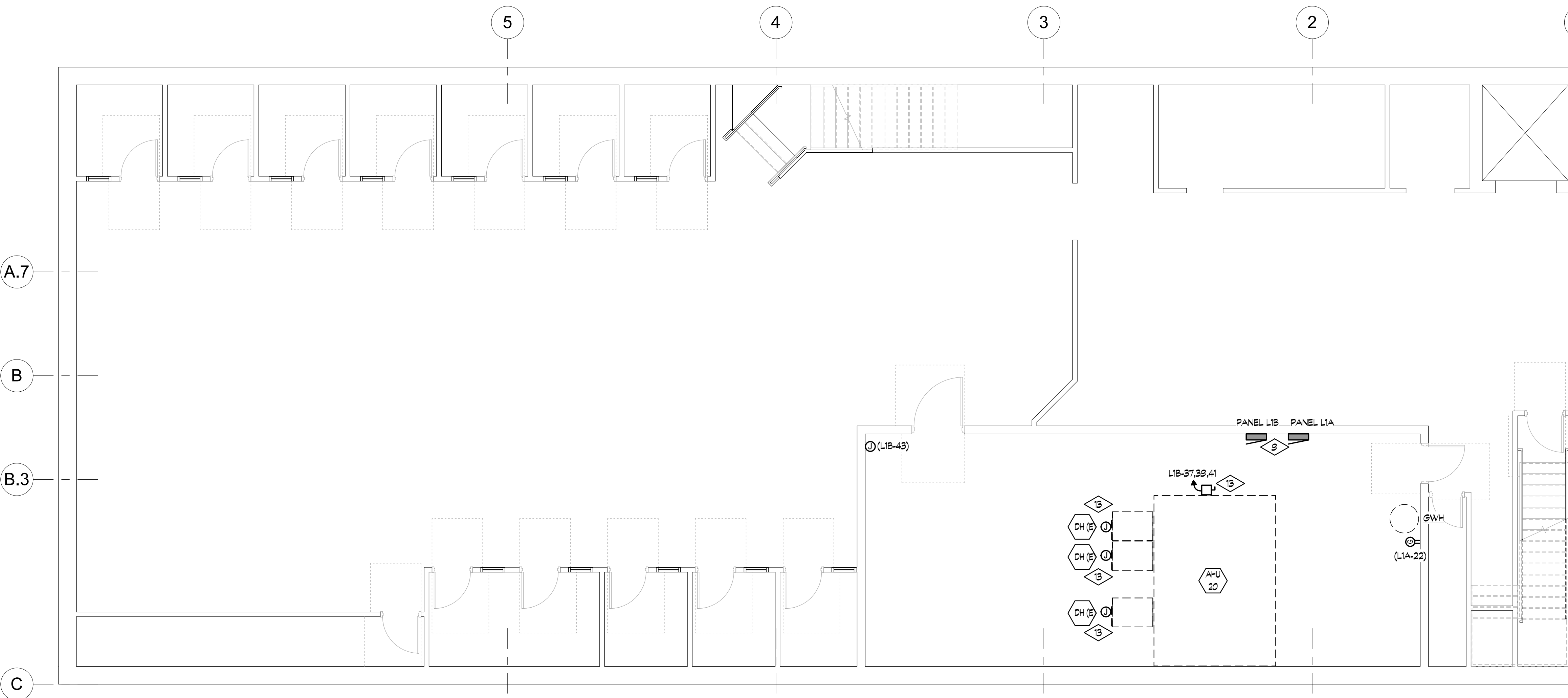
SECOND FLOOR HVAC PLAN
3/16" = 1'-0"

DETAIL NOTES THIS SHEET

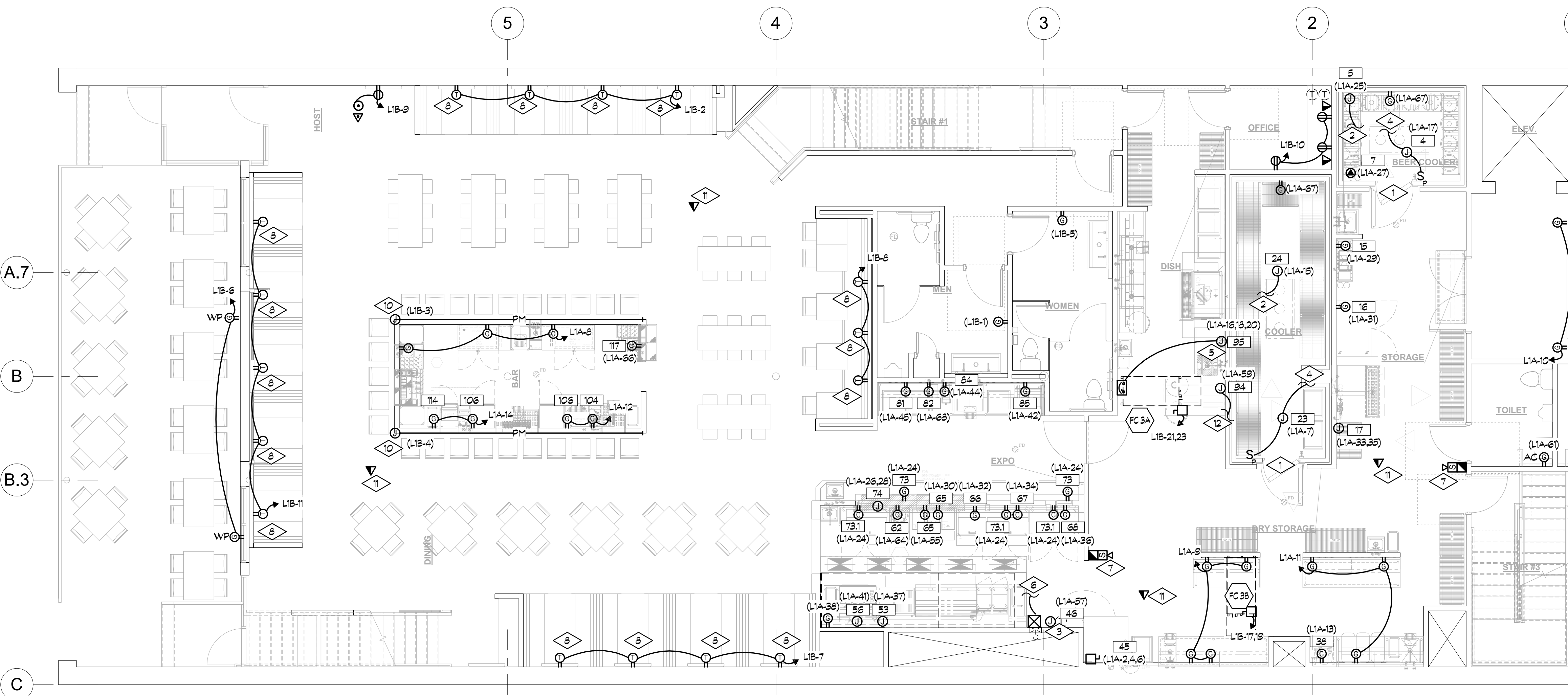
1. REMOVE EXISTING SUPPLY DUCTWORK AS INDICATED. EXISTING DUCT RISER FROM FURNACE TO REMAIN. FIELD COORDINATE EXTENT OF DUCTWORK REMOVAL WITH G.C.
2. EXTEND AND CONNECT NEW DUCTWORK TO EXISTING DUCTWORK AS INDICATED.
3. DUCTWORK TO BE PAINTED TO MATCH STRUCTURE, LOCATE DIFFUSER IN CLOUD. RE: ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. PROVIDE SIDEWALL DIFFUSER TO SERVE 2ND FLR DINING AREA AS SHOWN, BALANCE TO CFM NOTED.
5. DOUBLE WALL STAINLESS STEEL, ZERO CLEARANCE EXHAUST DUCTWORK (ASTM E834) FROM HOODS TO ROOF. CAPTIVEAIRE DW-2R OR EQUIV. SLOPE DUCTWORK TO HOOD AT 1/4" PER 12". VERIFY EXACT CLEANOUT LOCATIONS PRIOR TO CONSTRUCTION. TRANSITION TO HOOD & EXHAUST FAN AS REQ'D.
6. DUCT UP FROM DISHWASHER HOOD TO EXHAUST FAN. ALL EXPOSED DUCTWORK TO BE STAINLESS STEEL. SLOPE DUCTWORK BACK TO HOOD AT 1/8" PER 12". DUCT TO BE WATER TIGHT PER SPECIFICATIONS. TRANSITION AS NEEDED TO TYPE II HOOD AT DISH MACHINE, BALANCE AS INDICATED.
7. EXHAUST DUCTWORK UP THRU ROOF, TERMINATE IN ROOF CAP WITH BACK DRAFT DAMPER. COORDINATE ROOF PENETRATION WITH G.C.
8. MOUNT ROOF GREASE EXHAUST FAN ON SPRING ISOLATORS. PROVIDE CURB W/ GALVANIZED CAP W/ 1/2" LIP ON ALL SIDES. PROVIDE GREASE GUARD PROTECTION SYSTEM (FACILITEC G2 GREASE GUARD XD). GREASE GUARD SYSTEM TO BE A MINIMUM OF 18" LARGER THAN THE EXHAUST FAN CURB. MAINTAIN 10'-0" CLEARANCE FROM MECHANICAL AIR INTAKES AND BUILDING OPENINGS.
9. ROUTE MAKE-UP AIR DUCTWORK FROM UNIT DOWN IN AREA SHOWN. FIELD COORDINATE EXACT LOCATION AND ROOF PENETRATION WITH G.C. RE: M2.1 FOR CONTINUATION.
10. GAS PIPING DOWN THRU ROOF TO EXISTING GAS METER, RE: PLUMBING PLANS FOR ADDITIONAL INFORMATION.
11. PLUMBING VENT THRU ROOF. MAINTAIN 10'-0" CLEARANCE FROM MECHANICAL AIR INTAKES AND BUILDING OPENINGS.
12. CUT BACK EXISTING SUPPLY DUCT AND REMOVE EXISTING FURNACE. CAP AND SEAL.
13. WALK IN COOLER/BEER COOLER CONDENSING UNITS SHOWN FOR COORDINATION. COORDINATE EXACT LOCATION, WIRING AND LINESSET LENGTH WITH FINAL LOCATION IN FIELD.
14. ROOF MOUNTED EXHAUST FAN, TRANSITION DUCTWORK WITHIN CURB AS REQUIRED. MAINTAIN 10'-0" CLEARANCE FROM MECHANICAL AIR INTAKES AND BUILDING OPENINGS.
15. REMOVE EXISTING SUPPLY GRILLE AND CAP OPENING.
16. USE EXISTING OUTSIDE AIR DUCT AS SUPPLY DUCT. CAP AND SEAL ROOF PENETRATION.
17. ADD ADDITIONAL 36X36 RETURN GRILLE IN THIS AREA. MATCH EXISTING GRILLE.
18. TERMINATE IN ROOF CAP. COORDINATE ROOF PENETRATION WITH G.C.
19. CAP AND SEAL OUTSIDE AIR DUCT.
20. VERIFY OPERATION OF EXISTING MOTORIZED DAMPER FOR ECONOMIZER AND MIXING DAMPER.



PROJECT No:	23086
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REVISIONS:	
SHEET TITLE:	SECOND FLOOR & ROOF HVAC PLAN
SHEET NUMBER:	M2.1



BASEMENT POWER PLAN
3/16" = 1'-0"



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

GENERAL NOTES

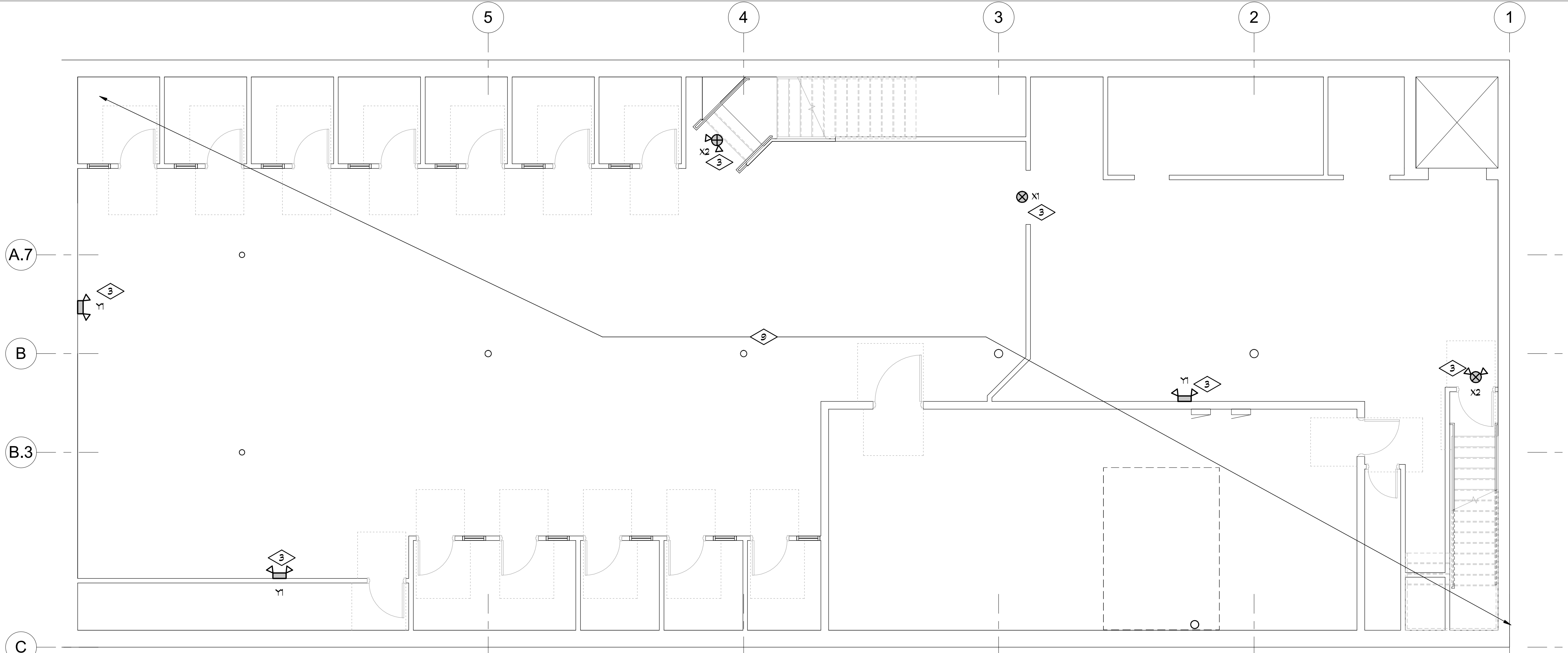
- A. ELECTRICAL CONDUITS, WATER, SEWER AND GAS LINES MUST FIT WITHIN WALLS. CONFLICTS WITH OTHER TRADES MUST BE COORDINATED OR WORK WILL BE REDONE.
- B. GFCI PROTECTION: BASIS OF DESIGN IS GFCI PROTECTION PROVIDED AT PANEL. EC MAY PROVIDE ALTERNATE PRICING WHERE PERMITTED BY CODE TO PROVIDE DOWNSTREAM GFCI PROTECTION OF DEVICES WITH A SINGLE GFCI RECEPTACLE. (DEDICATED NEUTRAL SHALL BE PROVIDED FOR GFCI BREAKERS)
- C. COORDINATE ALL DEVICE AND FIXTURE LOCATIONS WITH FURNITURE, EQUIPMENT, MILLWORK AND MECHANICAL SYSTEM (DUCTWORK) LAYOUT PRIOR TO ROUGH-IN.
- D. ALL EXTERIOR ELECTRICAL COMPONENTS SHALL MEET ALL NEC INSTALLATION AND LABELING REQUIREMENTS FOR WET LOCATIONS.
- E. ALL RECEPTACLES TO BE LABELED WITH PANEL CIRCUIT ID.
- F. DEVICE MOUNTING LOCATIONS AT COUNTERS IN FRONT OF HOUSE AREAS; MOUNT DEVICES BELOW COUNTERS WITH HOLES AND GROMMETS UNLESS NOTED OTHERWISE. IN "BACK OF HOUSE AREAS" MOUNT DEVICES ABOVE COUNTERS.
- G. INTERLOCK HOOD FIRE SUPPRESSION SYSTEM WITH BUILDINGS FIRE ALARM SYSTEM.
- H. THE E.C. SHALL USE THE KITCHEN EQUIPMENT / FOOD SERVICE PLANS TO DIMENSION ROUGH-IN LOCATIONS. THESE PLANS ARE SCHEMATIC AND MAY SHOW DEVICES OFFSET FOR GRAPHIC PURPOSES. DO NOT TAKE DIMENSIONS FROM THESE PLANS TO DETERMINE ROUGH-IN LOCATIONS.

DETAIL NOTES THIS SHEET

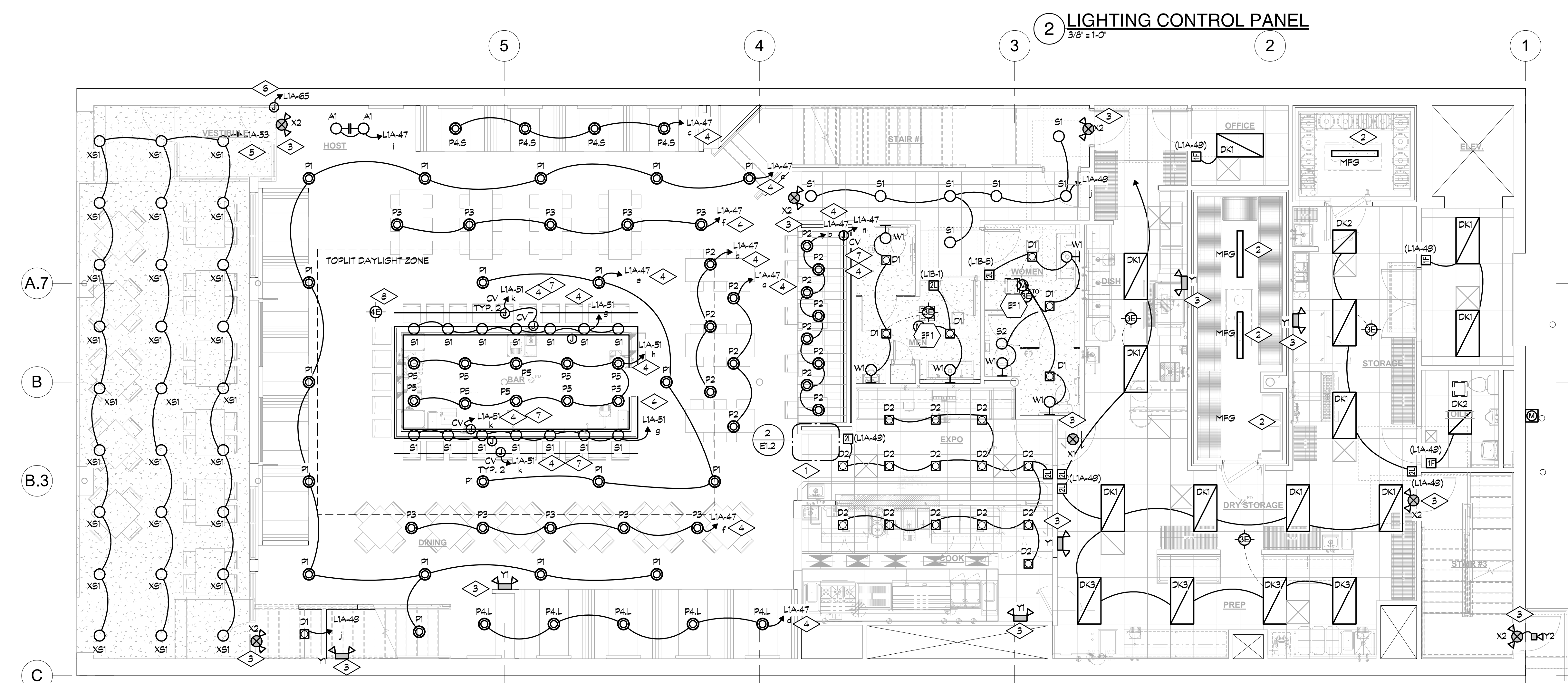
- 1. PROVIDE EXPANSION JOINTS AND INTERIOR AND EXTERIOR MOISTURE SEALS FOR ALL CONDUITS ENTERING WALK-IN COOLERS AND FREEZER PER NEC 300.7 AND MANUFACTURER'S RECOMMENDATIONS.
- 2. PROVIDE (5-H2)1/2" (OR INTER-WIRING AS REQUIRED) FROM EVAP COIL TO REMOTE CONDENSER. VERIFY AND COORDINATE EXACT REQUIREMENTS AND CONNECTION DETAILS W/ REFRIGERATION EQUIPMENT MFG'S SPECIFICATIONS.
- 3. PRE-WIRED EXHAUST HOOD CABINET; PROVIDE CIRCUITS, CONNECTION AND INTER-WIRING FOR FIRE SYSTEM SHUT DOWN, HOOD CONTROLS, HOOD LIGHTS, ETC. DO NOT CONNECT HOOD CONTROLS OR FIRE SYSTEM POWER TO A SHUNT TRIP BREAKER. THE E.C. IS TO COORDINATE THE EXACT LOCATION AND CONNECTION REQUIREMENTS W/ HOOD MANUFACTURER AND KITCHEN DESIGNER. INSTALLATION SPECIFICATIONS AND DRAWINGS. ALL MOTOR STARTERS TO BE PROVIDED BY EC.
- 4. EXTEND CIRCUIT TO WALK-IN COOLER / FREEZER LIGHTS VIA TOGGLE SWITCH WITH PILOT LIGHT MOUNTED ON LATCH SIDE OF DOOR. SEE THE FIRST FLOOR LIGHTING PLAN ON SHEET EX.X FOR FIXTURE TYPE AND LOCATION.
- 5. DISH MACHINE; PROVIDE FLUSH MOUNTED CIRCUIT BREAKER. SEE KITCHEN EQUIPMENT SCHEDULE FOR SIZE. MOUNT AS HIGH AS POSSIBLE IN WALL. FIELD VERIFY LOCATION AND CONNECTION REQUIREMENTS PRIOR TO ROUGH-IN.
- 6. EXTEND CIRCUITS FROM PRE-WIRED HOOD TERMINAL BOX UP TO KEF AND KMUA AS SHOWN OR AS REQUIRED. FIELD VERIFY AND COORDINATE ALL FAN, FIRE SYSTEM AND SHUTDOWN CONTROL CONNECTION REQUIREMENTS.
- 7. ANSUL PULL STATION. COORDINATE REQUIREMENTS WITH HOOD PROVIDER.
- 8. COMBINATION USB CHARGER WITH TAMPER RESISTANT 125V, 20 AMP DUPLEX RECEPTACLE MOUNTED AT BACK OF BOOTH 36" ABOVE THE FLOOR PLATFORM, ABOVE THE TABLE TOP, MOUNTED HORIZONTALLY, CENTERED ON THE TABLE TOP, OR BELOW COUNTERTOP AT 36" ABOVE FINISHED FLOOR MOUNTED VERTICALLY. FIELD VERIFY AND COORDINATE DEVICE LOCATION, ROUGH-IN HEIGHT, MOUNTING METHOD AND CONCEALED CONDUIT RUNS WITH MILLWORK (COOPER TR7746 OR EQUAL, COORDINATE COLOR W/ ARCHITECT).
- 9. MAINTAIN MINIMUM WORKING SPACE IN FRONT AND ABOVE ALL ELECTRICAL PANELS PER NEC 110.26 AS REQUIRED.
- 10. PROVIDE PLUG MOLD (LEGRAND PLUGMOLD - AL20GB518TR) ALONG MILLWORK AS SHOWN, ALTERNATE WITH USB RECEPTACLE EVERY 18" ALONG LENGTH INDICATED (2FT, 3FT, 5FT, 6FT SECTIONS).
- 11. PROVIDE CEILING POWER DATA FOR WIRELESS ACCESS POINT IN APPROXIMATE LOCATION SHOWN. WAP EQUIPMENT PROVIDED BY TENANT, INSTALLED BY LV CONTRACTOR.
- 12. EXTEND POWER TO ROOFTOP EXHAUST FAN DEF. PROVIDE INTERLOCK W/ DISH MACHINE. EXTEND CKT TO DEF.
- 13. FIELD VERIFY AND WIRING OUT EXISTING MECHANICAL EQUIPMENT CIRCUITS AND REWIRE TO NEW ELECTRICAL PANEL 'L1B'



PROJECT No:	23086
ISSUE DATE:	09.21.2023
REVISIONS:	
SHEET TITLE:	BASEMENT & FIRST FLOOR POWER PLAN
SHEET NUMBER:	E1.1



BASEMENT LIGHTING PLAN
3/16" = 1'-0"



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

GENERAL LIGHTING NOTES

- A. E.C. SHALL VERIFY THE EXACT LOCATION, MOUNTING HEIGHTS AND QUANTITY OF ALL FIXTURES AND DEVICES WITH THE ARCHITECTURAL DRAWINGS.
- B. SOME LIGHTING FIXTURES AND DEVICES ARE SHOWN OFFSET ON THE PLAN FOR GRAPHIC PURPOSES. E.C. SHALL COORDINATE THE EXACT LOCATION AND ROUGH-IN HEIGHT OF ALL FIXTURES AND DEVICES.
- C. ALL EMERGENCY EGRESS LIGHTING SHALL COMPLY WITH 2021 - IBC 1008.2.1
- D. ALL EXTERIOR LIGHTING FIXTURES SHALL BE INSTALLED, SHIELDED AND/OR CONTROLLED IN COMPLIANCE WITH LOCAL ORDINANCES.
- E. ALL EXTERIOR ELECTRICAL COMPONENTS SHALL MEET ALL NEC INSTALLATION AND LABELING REQUIREMENTS FOR WET LOCATIONS.
- F. COORDINATE REQUIRED BLOCKING FOR ADDED CEILING FANS WITH LANDLORD'S REPRESENTATIVE.
- G. LIGHTING SYSTEM FUNCTIONALITY TESTING/COMMISSIONING SHALL BE PERFORMED IN ACCORDANCE WITH IECC 408.3, ADDITIONAL LOCAL JURISDICTIONAL REQUIREMENTS TO BE CONFIRMED WITH BUILDING OFFICIAL PRIOR TO COMPLETION OF PROJECT.

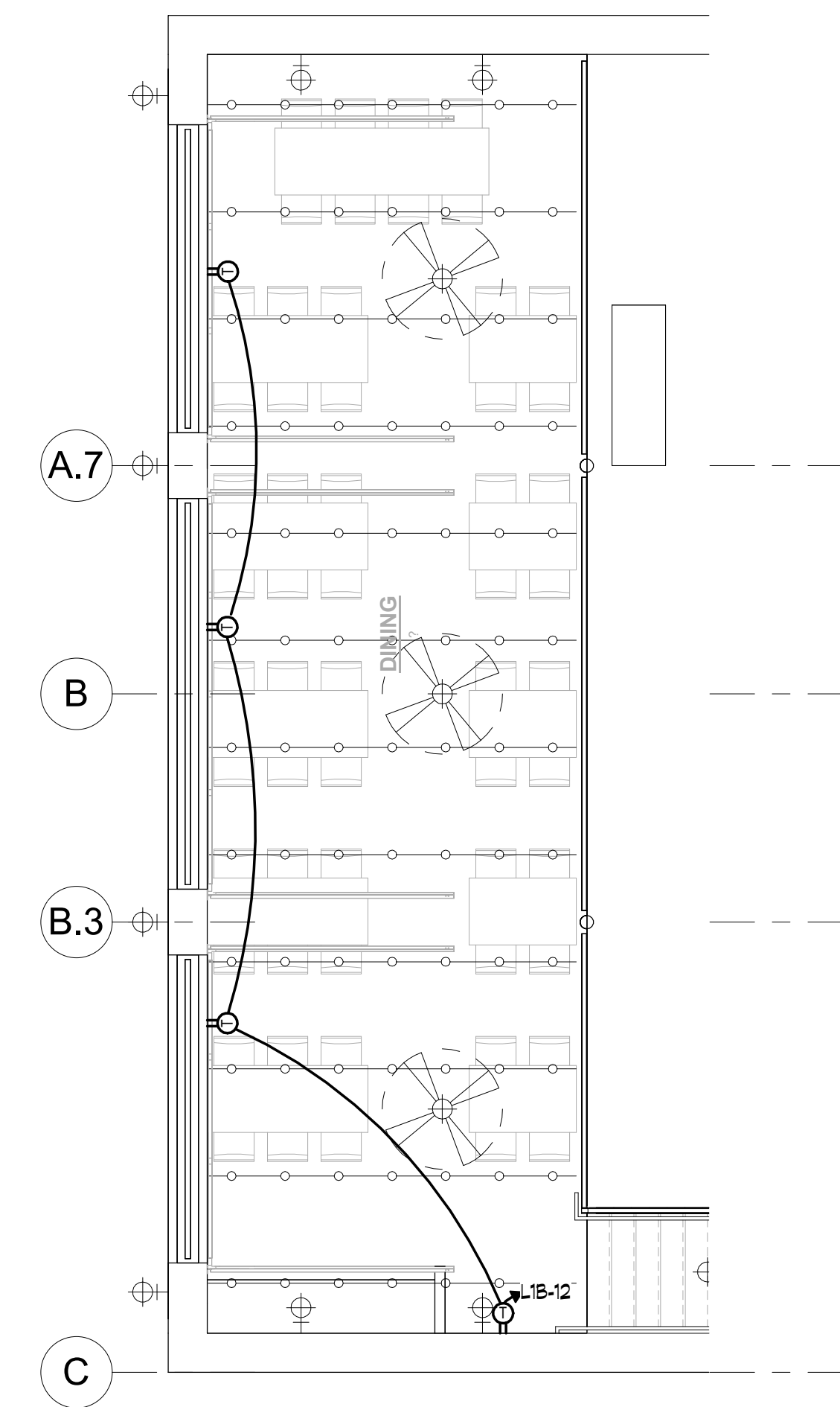
LIGHTING CONTROL NOTES

- 1. LIGHTING DESIGN, LAYOUT AND FIXTURE PLACEMENT SHOWN FOR SCHEMATIC PURPOSES AND DESIGN INTENT. E.C. SHALL FIELD VERIFY AND COORDINATE EXACT LOCATIONS, LAYOUT, CONFIGURATION AND CONNECTION REQUIREMENTS. E.C. TO PROVIDE LABELING OF ALL FIXTURES AND CONTROLS DURING ROUGH-IN.
- 2. LIGHTING CONTROL SYSTEM BASIS OF DESIGN TO BE ACQUITY LIGHT, COORDINATE MANUAL DIMMER LOCATIONS AND CONFIGURATION WITH TENANT AND ARCHITECT.
 - A. DIMMERS AND SWITCHES SHALL BE ACQUITY iPODMA, PROVIDE WITH POWER/SWAVE PACKS (iPP16/iSP16) AS REQUIRED.
 - B. COORDINATE DIMMER TYPE (0-10V, ELV, MLV, TRIAC, ETC.) AND PROVIDE DIMMER PACK FOR FIXTURE CONTROL ZONE. VERIFY CAPACITY AND DIMMER COMPATABILITY WITH LIGHTING FIXTURE MANUFACTURER.
 - C. WHERE MULTIPLE DIMMERS ARE PROVIDED AT SAME CONTROL LOCATION, EACH DIMMER SHALL BE PROVIDED WITH DEDICATED BOX, KEEP MINIMUM SPACING SEPERATIONS AS RECOMMENDED BY MANUFACTURER.
 - D. WIRING DIAGRAM ARE FOR REFERENCE ONLY. E.C. TO PROVIDE COMPLETE SHOP DRAWINGS FROM CONTROLS MANUFACTURER WITH FINAL DEVICE INFORMATION, LOCATIONS, LAYOUT AND SPECIFICATIONS FOR REVIEW.
 - E. EACH DIMMER SHALL BE PROVIDED WITH AN ENGRAVED NAMEPLATE FOR IDENTIFICATION OF ZONE. E.C. TO COORDINATE NAMING CONVENTION OF ZONES WITH OWNER.
- 3. INSTALLATION AND OPERATION OF DIMMING DEVICES AND FIXTURES SHALL CARRY A MINIMUM OF 5 YEAR WARRANTY. PROVIDE OWNER WITH APPLICABLE COMPLETED WARRANTY FORMS FOR SUBMISSION AT COMPLETION OF PROJECT.
- 4. PROVIDE ALTERNATE PRICING FOR LIGHT AIR WIRELESS CONTROLS SYSTEM IN LIEU OF BASE LIGHT WIRELESS CONTROLS. CONFIRM FINAL ACCEPTANCE OF LIGHTING CONTROL SYSTEM WITH OWNER PRIOR TO COMMENCING WORK. WHERE FEASIBLE AND AVAILABLE, LIGHTING FIXTURES WITH INTEGRATED COMPATIBLE WIRELESS CONTROLS MAY BE SUBSTITUTED, FINAL ACCEPTANCE BY OWNER.

DETAIL NOTES THIS SHEET

- 1. PROPOSED LOCATION FOR LIGHTING CONTROL PANEL AND TIMECLOCK.
- 2. EXTEND CIRCUIT TO WALK-IN COOLER / FREEZER LIGHTS VIA TOGGLE SWITCH WITH PILOT LIGHT MOUNTED ON LATCH SIDE OF DOOR. SEE THE FIRST FLOOR LIGHTING PLAN ON SHEET EXX FOR FIXTURE TYPE AND LOCATION.
- 3. EXTEND EMERGENCY/EXIT LIGHTINGS TO AN UNSWITCHED LIGHTING CIRCUIT SERVING THE AREA.
- 4. LIGHTING IN THIS AREA CONTROLLED VIA TIMECLOCK. SEE LIGHTING CONTROL PANEL. COORDINATE OVERRIDE SWITCH LOCATION AND HOURS OF OPERATION WITH TENANT.
- 5. EXTERIOR LIGHTING TO BE CONTROLLED VIA TIMECLOCK. COORDINATE OVERRIDE SWITCH LOCATION AND HOURS OF OPERATION WITH TENANT.
- 6. PROVIDE EXTERIOR JUNCTION BOX FOR FUTURE SIGNAGE, HOMERUN CIRCUIT VIA TIMECLOCK.
- 7. PROVIDE TAPE LIGHTS COORDINATED WITH CASEWORK/FURNITURE. COORDINATE EXACT LENGTH AND LOCATION WITH ARCHITECT/OWNER. RELOCATE OR ADD ADDITIONAL J-BOXES AS NEEDED PER FIXTURE LENGTH REQUIREMENTS AND MANUFACTURERS DIRECTIONS.
- 8. LIGHTS WITHIN INDICATED DAYLIGHT ZONE TO BE UNDER CONTROL OF PHOTOCELL.
- 9. EXISTING LIGHTING AND CONTROLS TO REMAIN.

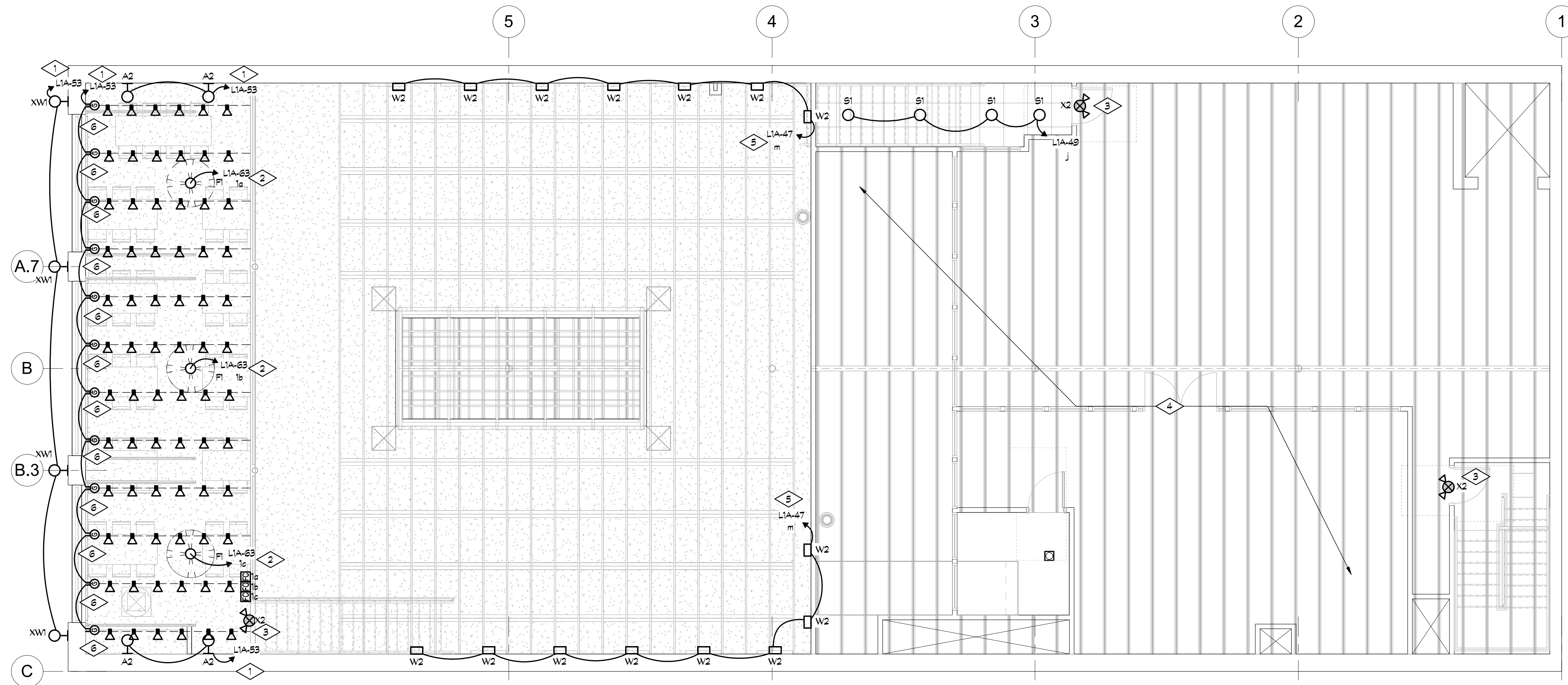




DETAIL NOTES THIS SHEET

1. EXTERIOR LIGHTING TO BE CONTROLLED VIA TIMECLOCK. COORDINATE OVERRIDE SWITCH LOCATION AND HOURS OF OPERATION WITH TENANT.
2. COORDINATE FAN AND FAN CONTROL SETUP WITH MANUFACTURER.
3. EXTEND EMERGENCY/EXIT LIGHTING TO AN UNSWITCHED LIGHTING CIRCUIT SERVING THE AREA.
4. EXISTING LIGHTING TO REMAIN.
5. LIGHTING TO BE CONTROLLED VIA TIMECLOCK. SEE LIGHTING CONTROL ON E1.2.
6. PROVIDE RECEPTACLES FOR STRING LIGHTS. COORDINATE EXACT LOCATION WITH OWNER/ARCHITECT.

SECOND FLOOR POWER PLAN
3/8" = 1'-0"



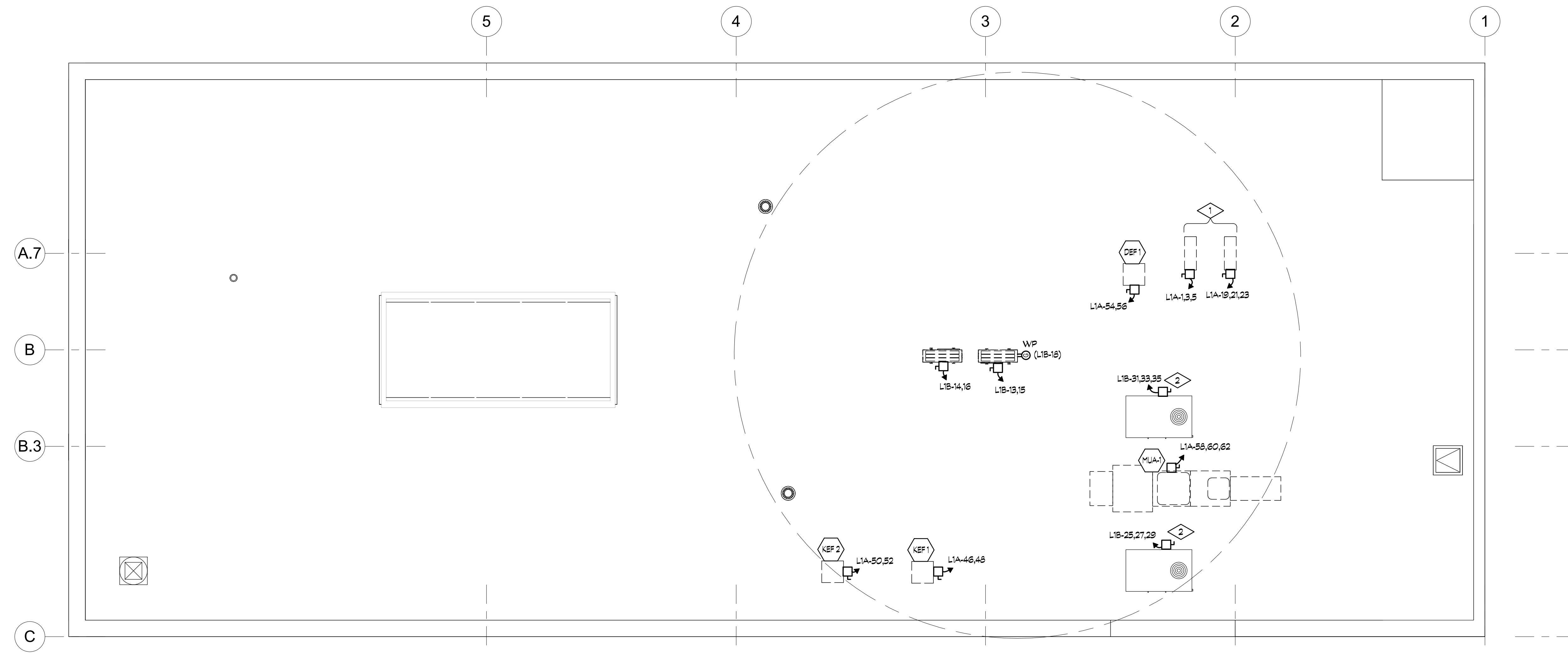
SECOND FLOOR LIGHTING PLAN
3/8" = 1'-0"



PROJECT No:	23086
ISSUE DATE:	09.21.2023
REVISIONS:	
SHEET TITLE:	SECOND FLOOR ELECTRICAL PLAN
SHEET NUMBER:	E2.2

DETAIL NOTES THIS SHEET

1. WALK IN COOLER/BEER COOLER CONDENSING UNITS SHOWN FOR COORDINATION. COORDINATE EXACT LOCATION, WIRING AND LINESSET LENGTH WITH FINAL LOCATION IN FIELD.
2. EXISTING AC UNITS TO REMAIN, WIRING OUT EXISTING CIRCUITS AND REWIRE TO NEW ELECTRICAL PANEL.



ROOF ELECTRICAL PLAN
3/8" = 1'-0"



PROJECT No:	23086
ISSUE DATE:	09.21.2023
REVISIONS:	
SHEET TITLE:	ROOF ELECTRICAL PLAN
SHEET NUMBER:	E3.1

LIGHTING CONTROL DEVICE SCHEDULE table with columns: KEY, MODE, DESCRIPTION, MOUNTING, MANUFACTURER/#, VOLT. Includes rows for VACANCY/DIMMING, SWITCH, VACANCY, VACANCY/PHOTOCELL, FAN CONTROL, POWER PACK, and TIMECLOCK.

MECHANICAL EQUIPMENT table with columns: KEY, DESCRIPTION, LOAD, VOLT, CIRCUIT, CONNECTION, REMARKS. Includes rows for MAKE UP AIR UNIT, FAN COIL, HEAT PUMP, CEILING EXHAUST FAN, UTILITY SET EXHAUST FAN, GAS FRED WATER HEATER, and RECIRC PUMP.

KITCHEN EQUIPMENT table with columns: KEY, DESCRIPTION, LOAD, VOLT, CIRCUIT, CONNECTION, REMARKS. Includes rows for BEER COOLER LIGHTS/CONTROLS, BEER COOLER COIL, BEER COOLER COMPRESSOR, BEER SYSTEM POWER PACK, BIB SODA RACK, REACH IN FREEZER, ICE MACHINE, WALK-IN COOLER LIGHTS/CONTROLS, WALK-IN COOLER COIL, WALK-IN COOLER COMPRESSOR, 20 QT. MIXER, COMBINATION OVEN, EXHAUST HOOD, FIRE SUPPRESSION SYSTEM, REFRIGERATED EQUIPMENT STAND, 6 BURNER RANGE W/ CONVECTION OVEN, SALAD PREP REFRIGERATOR, RICE COOKER, HOT FOOD TABLE, MESA TOP PREP REFRIGERATOR, WORKTOP FREEZER, POS TERMINAL, POS PRINTER, HEAT LAMP, ICED TEA BREWERS, SODA/ICE DISPENSER, NACHO CHIP WARMER, CONDENSATE HOOD, DISH MACHINE, GLASS WASHER, UC FREEZER, POS TERMINAL, SODA GUN, BACKBAR COOLER, and BACKBAR COOLER.

LUMINAIRE SCHEDULE table with columns: KEY, LAMP, DESCRIPTION, CEILING (DEPTH), MANUFACTURER/#, VOLT. Includes rows for A1, A2, D1, D2, DK1, DK2, DK3, DK3, P1, P1, P2, P3, P4.L, P4.S, P5, CV, S1/W2, S2, W1, Z1, X1, X1, X1, X1, X1, X1, X1, X1, X1, X1, Y1, Y2.

A B C D E Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast Lamps/Fixture # of Fixture Fixture Watt. (C X D) table with rows for LED UC SHELF-TAPE, LED UC SURFACE, DRY/STORAGE, OFFICE, HALL, ENTRY/HOST, and RECEIVING.

Interior Lighting PASSES Interior Lighting Compliance Statement Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application.

Project Title: 23086 - Teocalli Longmont Data filename: Report date: 09/20/23 Page 2 of 6

COMcheck Software Version COMcheckWeb Exterior Lighting Compliance Certificate Project Information Energy Code: 2021 IECC Project Title: 23086 - Teocalli Longmont Alteration Construction Site: Owner/Agent: Designer/Contractor:

Allowed Interior Lighting Power Area Category B Floor Area (ft2) C Allowed Watts / ft2 D Allowed Watts table with rows for 1-MEN/WOMEN, 2-KITCHEN PREP, BAR, DISH, 3-DINING, 4-DRY/STORAGE, 5-OFFICE, 6-HALL, 7-ENTRY/HOST, 8-RECEIVING.

Proposed Interior Lighting Power Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast Lamps/Fixture # of Fixture Fixture Watt. (C X D) table with rows for MEN/WOMEN, KITCHEN PREP, BAR, DISH, and DINING.

Project Title: 23086 - Teocalli Longmont Data filename: Report date: 09/20/23 Page 1 of 6

COMcheck Software Version COMcheckWeb Exterior Lighting Compliance Certificate Project Information Energy Code: 2021 IECC Project Title: 23086 - Teocalli Longmont Alteration Exterior Lighting Zone: 2 (Residential mixed use area (LZ2)) Construction Site: Owner/Agent: Designer/Contractor:

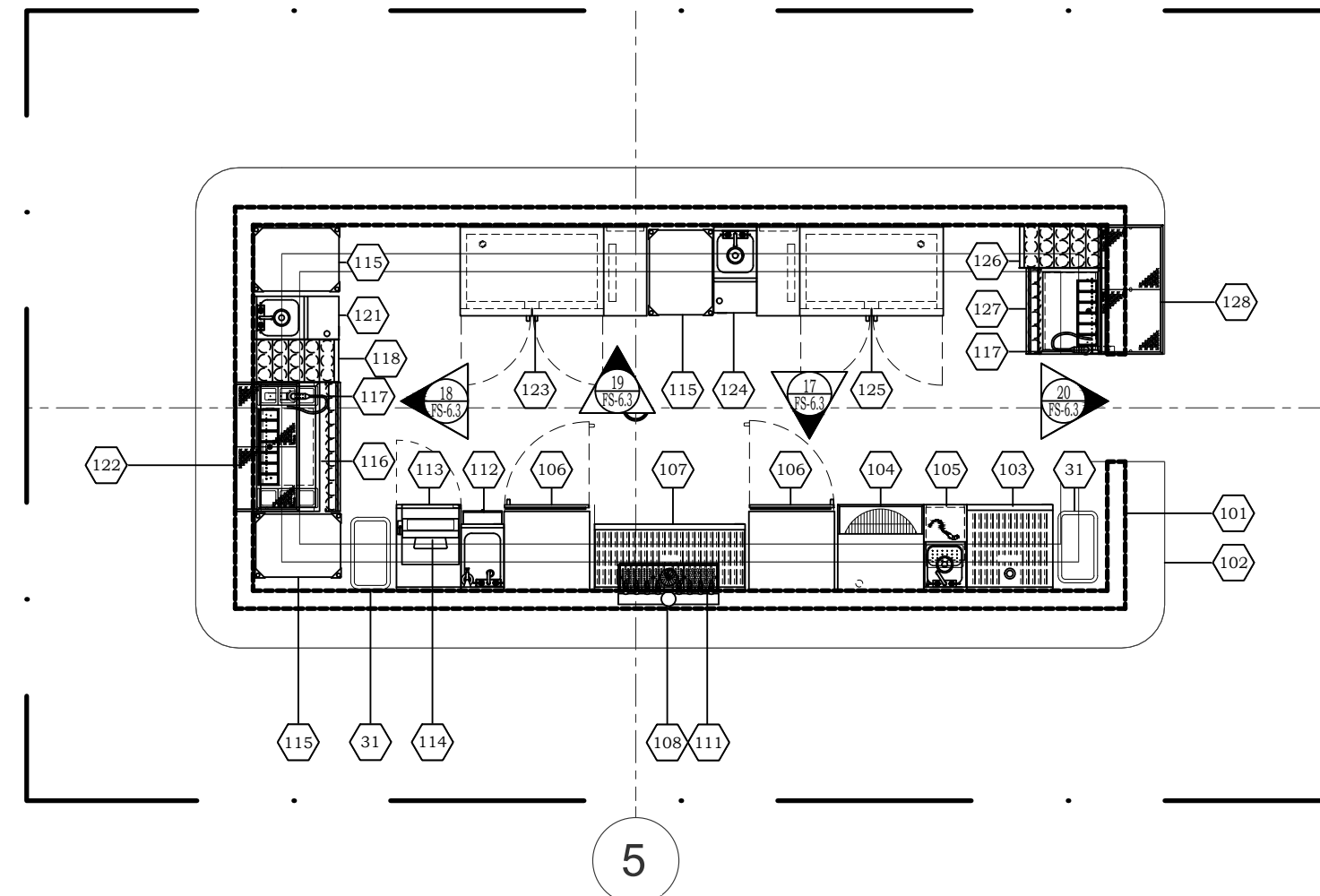
Allowed Exterior Lighting Power Area/Surface Category B Quantity C Allowed Watts / ft2 D Tradable Watts E Allowed Watts (B X C) table with rows for PATIO (Dining area).

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces. (b) A supplemental allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast Lamps/Fixture C of Fixture D Tradable Watt. E Allowed Watts (C X D) table with rows for PATIO (Dining area, 1398 ft2): Tradable Wattage.

Exterior Lighting PASSES Exterior Lighting Compliance Statement Compliance Statement: The proposed exterior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application.

Name - Title Signature Date Project Title: 23086 - Teocalli Longmont Data filename: Report date: 09/14/23 Page 3 of 7

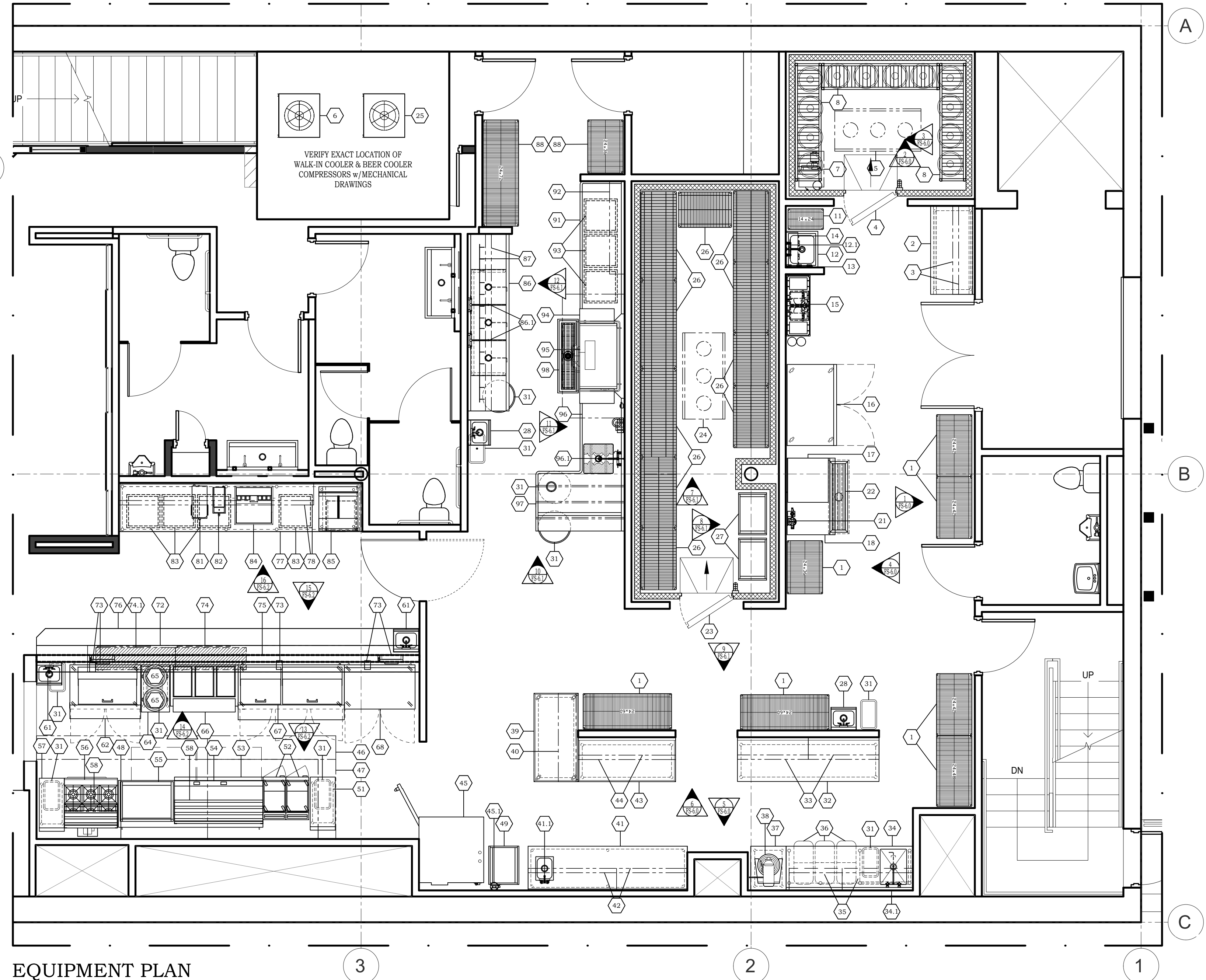


GENERAL CONTRACTOR NOTES

1. GENERAL CONTRACTOR TO CUT AND PROVIDE HOLES THROUGH CEILINGS, ROOFS, WALLS AND FLOORS FOR DUCTS, ETC., IN ACCORDANCE WITH LOCAL FIRE AND BUILDING CODES AND IN ACCORDANCE WITH DUCT SIZES SPECIFIED. GENERAL CONTRACTOR ALSO TO PROVIDE ALL DUCT FIRE SEPARATIONS, ENCLOSURES, WRAPPINGS, ETC., AS MAY BE REQUIRED BY LOCAL BUILDING AND FIRE CODES.
2. WHERE NOISE OR VIBRATION PRODUCING EQUIPMENT (DISHWASHER, DISPOSER, ETC.) IS LOCATED ADJACENT TO DINING AREAS AND/OR PUBLIC AREAS, PROVISIONS SHOULD BE MADE BY GENERAL CONTRACTOR TO "DOUBLE STUD" AND SOUND PROOF COMMON WALLS.
3. IF CANTILEVER BRACKETS FOR TABLE AND STOOL SEATS OR OTHER EQUIPMENT ARE SPECIFIED, THE BRACKETS SHALL BE PROVIDED BY W.WEST, BUT INSTALLED BY GENERAL CONTRACTOR IN ACCORDANCE WITH SPECIFICATIONS AND DIMENSIONS PROVIDED BY W.WEST.
4. W.WEST PLANS ARE PROVIDED FOR THE SOLE PURPOSE OF INDICATING OUTLET LOCATIONS AND EQUIPMENT REQUIREMENTS ONLY AND DO NOT RELIEVE THE GENERAL CONTRACTOR OR SUB-CONTRACTOR OF THE RESPONSIBILITY OF COMPLYING WITH ALL APPLICABLE CODES.
5. IT IS THE RESPONSIBILITY OF THE OWNER AND/OR GENERAL CONTRACTOR TO INSURE THAT W.WEST RECEIVES COPIES OF ALL ADDENDUMS AND CHANGES TO BUILDING PLANS WHICH ARE MADE PRIOR TO AND DURING CONSTRUCTION. IN THE EVENT THAT THIS INFORMATION IS NOT DELIVERED TO W.WEST, OWNER WILL BE RESPONSIBLE FOR ALL COSTS INCURRED BY THE FAILURE TO GIVE W.WEST THIS INFORMATION.
6. LAST DATED REVISION Voids ALL PREVIOUS DRAWINGS.
7. GENERAL CONTRACTOR TO PROVIDE ACCESS TO HOODS AT AREA ABOVE HOODS FOR MOUNTING OF HOOD SUPPORTS (IF ACCESS NOT PROVIDED, GENERAL CONTRACTOR TO PROVIDE HOOD SUPPORTS.)
8. GENERAL CONTRACTOR TO PROVIDE FLOOR RECESSES (FLAT AND LEVEL), VAPOR BARRIERS AND BUILT-IN INSULATED FLOORS (AS SHOWN ON PLAN).
9. WEARING FLOOR FINISH AND INTERIOR FINISH IN WALK-IN BOXES BY GENERAL CONTRACTOR UNLESS OTHERWISE SPECIFIED.
10. SLEEVES TO BE PROVIDED BY GENERAL CONTRACTOR IN ALL WALLS, FLOOR AND CEILINGS FOR ALL LINES (DRAIN, REFRIGERATION, ETC.) TO PASS THROUGH AND RESEAL AFTER LINES ARE RUN. PROVIDE ESCUTCHEON PLATES WHERE APPROPRIATE.
11. SPRINKLER HEADS IN WALK-IN FREEZER AND COOLER BOXES MUST BE PROVIDED AND ADEQUATELY PROTECTED AGAINST FREEZING, BY GENERAL CONTRACTOR.
12. REMOVAL OF WINDOWS, WINDOW FRAMES AND CENTER DOOR POST FOR ENTRY OF EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND AT NO EXPENSE TO W.WEST.

NOTE:

ANY DIMENSIONS ARCHITECTURAL OR STRUCTURAL, ON THESE DRAWINGS THAT ARE IN CONFLICT WITH WHAT ACTUAL JOB SITE CONDITIONS NEED TO BE BROUGHT TO THE ATTENTION OF THE K.E.C.



EQUIPMENT PLAN

SCALE: 1/4" = 1'-0"



Food Service Design/Planning

Stacy Jackson
Project Manager
9355 Northfield Blvd.
Denver, CO 80238
Phone: 303.289.9378
Fax: 303.289.9505

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Teocalli - Longmont
460 Main St.
Longmont, C.O. 80501

Project Number:H41178

Scale:As Noted

Date: 09.22.23

Revisions:

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△

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Sheet Name:

Equipment Schedules

Sheet Number:

FS1.1

Drawn By: KS
Checked By: JVB

EQUIPMENT SCHEDULE table with columns: ITEM NO, QTY, EQUIPMENT CATEGORY, EQUIPMENT REMARKS. Includes items like WIRE SHELVING UNIT, WORK TABLE, WALK SHELVE, BEER COOLER, BEER SYSTEM POWER PAK, KEG STORAGE RACK, MOP SINK, etc.

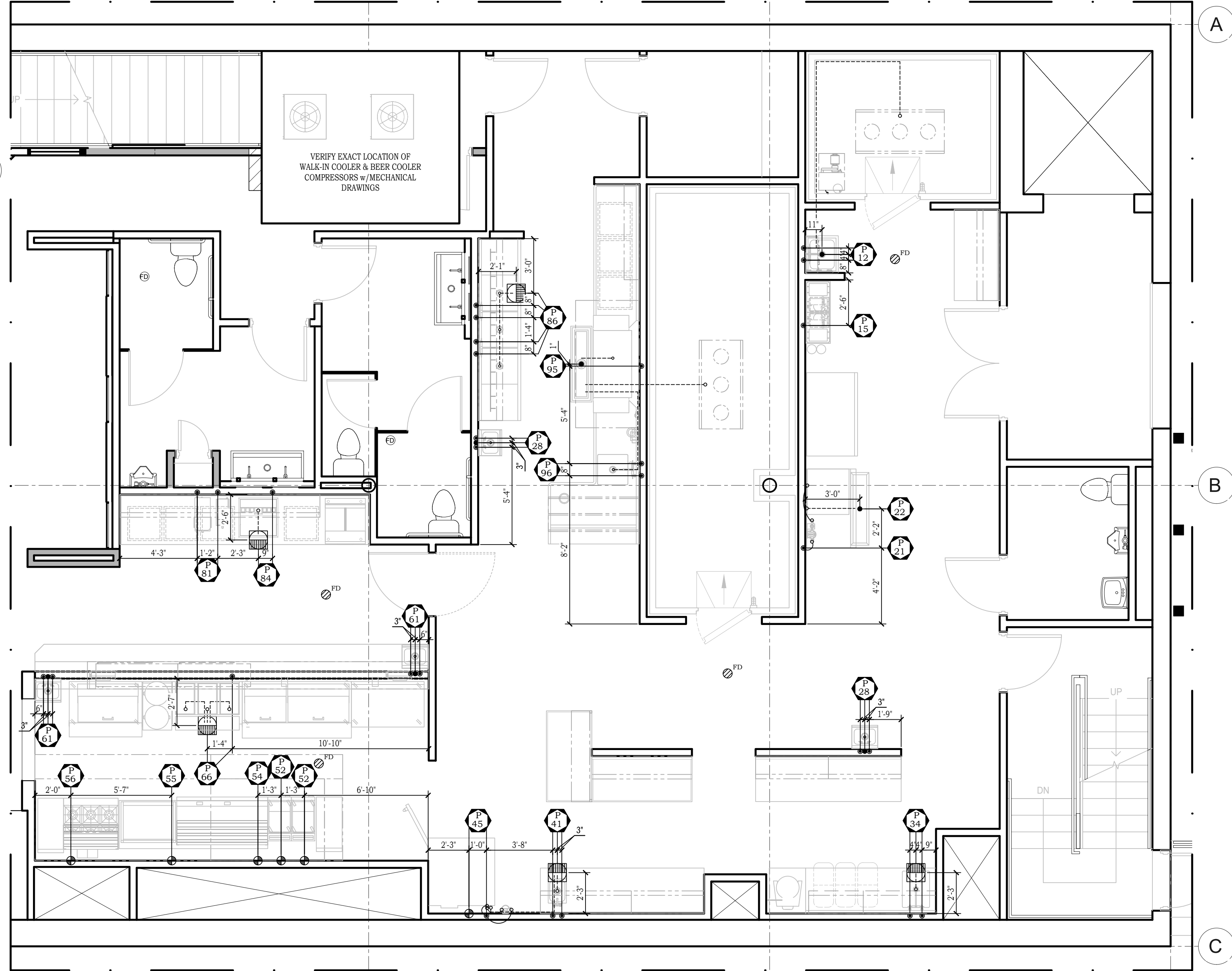
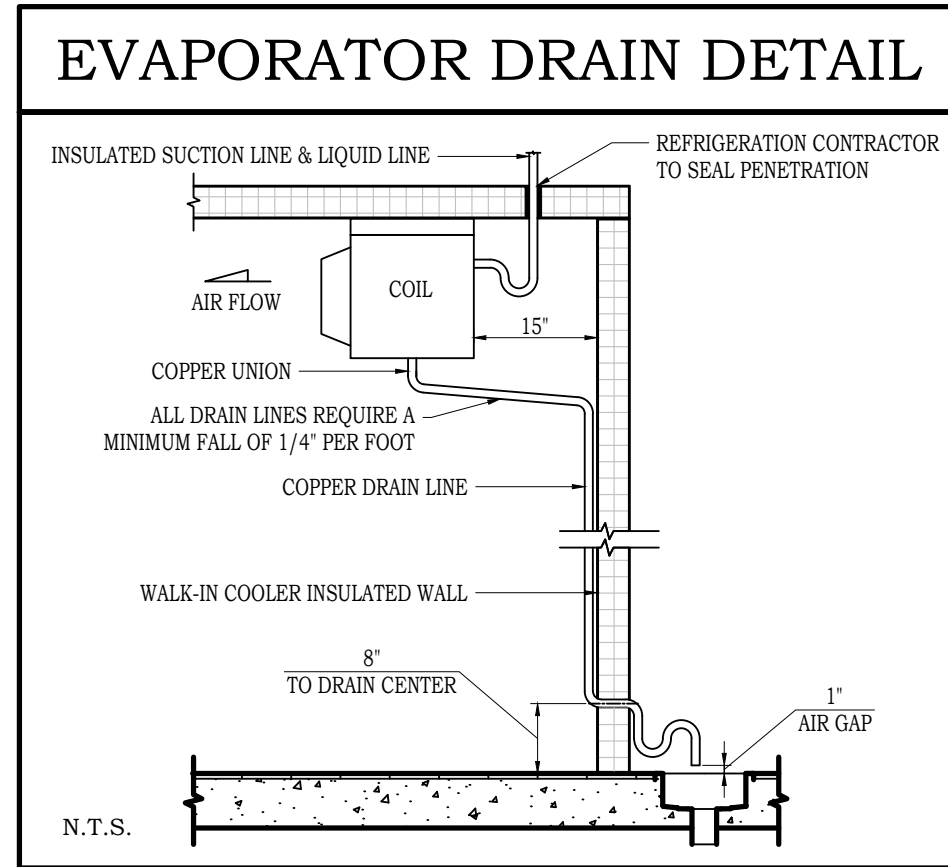
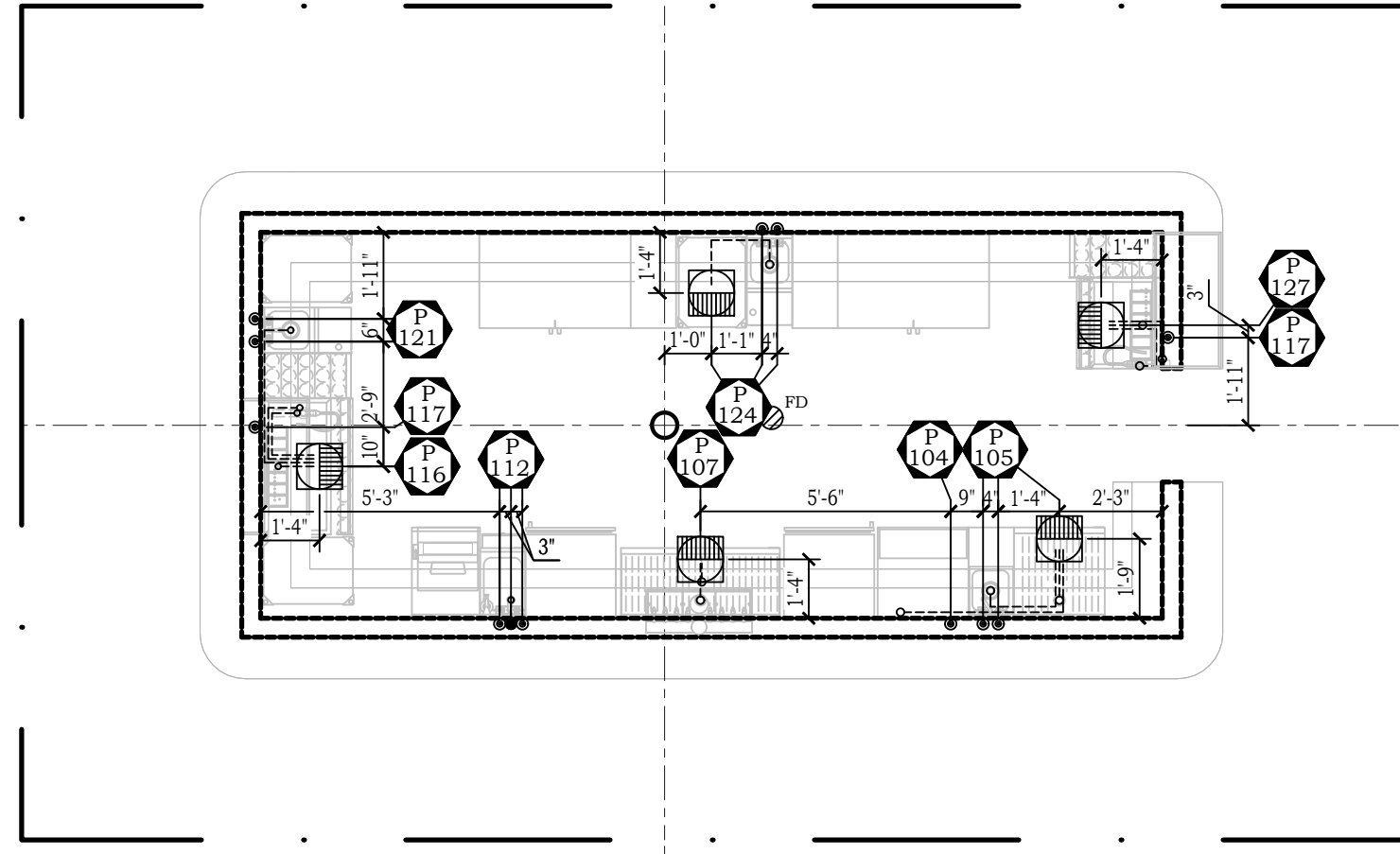
EQUIPMENT SCHEDULE table with columns: ITEM NO, QTY, EQUIPMENT CATEGORY, EQUIPMENT REMARKS. Includes items like RICE COOKER, HOT FOOD TABLE, MEGATOP SANDWICH/SALAD PREP REFRIGERATOR, U/C FREEZER, SPARE NUMBER, PASS-THRU SHELF, P.O.S. SYSTEM/TICKET PRINTER, HEAT LAMP, ISLAND DIE WALL, S/S PLATE STORAGE CABINET, BEVERAGE COUNTER, WALL SHELVING, etc.

PLUMBING SCHEDULE table with columns: No., Item, Size, BTU, AFF, RIP LOC., Conn. Type, Remarks. Lists plumbing fixtures and their specifications.

ELECTRICAL SCHEDULE table with columns: No., Item, Volts, Amp, KW, HP, AFF, RIP LOC., CONN. TYPE, REMARKS. Lists electrical equipment and their specifications.

PLUMBING NOTES:

1. ALL ROUGH-INS SHOWN RELATE TO FOOD SERVICE EQUIPMENT ONLY. SEE ARCHITECTURAL/ENGINEERING PLANS FOR ADDITIONAL PLUMBING REQUIREMENTS.
2. FINAL CONNECTIONS TO ALL EQUIPMENT BY PLUMBING CONTRACTOR, INCLUDING REQUIRED MATERIALS, SUCH AS STOPS, VALVES, FILTERS, TRAPS, CHECK VALVES, PRESSURE REDUCING VALVES, PIPING, ESCUTCHEON PLATES, TUBING, ETC..
3. WATER QUALITY REQUIREMENT. THE RECOMMENDED MINIMUM WATER QUALITY STANDARDS WHETHER UNTREATED OR PRE-TREATED, BASED UPON 10 HOURS OF USE PER DAY AND A DAILY FLOW DOWN, ARE AS FOLLOWS:
 - TOTAL DISSOLVED SOLIDS LESS THEN 300 P.P.M.
 - TOTAL ALKALINITY LESS THEN 85 P.P.M.
 - SILICA LESS THEN 13 P.P.M.
 - pH FACTOR GREATER THEN 7.5 P.P.M.
4. VERIFY ALL PLUMBING ROUGH-INS & LOCATIONS WITH OWNER, VENDOR, OR G.C. ON EXISTING EQUIPMENT OR OTHER EQUIPMENT NOT PROVIDED BY W.WEST.
5. PLUMBING CONTRACTOR TO FURNISH AND INSTALL THE FOLLOWING AS PER CODE
 - a. ALL WATER, WASTE, GAS, AND STEAM SERVICE TO POINT OF ROUGH-IN AS SHOWN ON PLAN. ROUGH-IN OUTLETS TO STUB 4" OUT OF WALL AT HEIGHT INDICATED FROM FINISHED FLOOR OR CURB. ALL FLOOR OPENINGS ARE TO BE SEALED WATERTIGHT.
 - b. PRESSURE REDUCING AND/OR REGULATING VALVES FOR DISHWASHERS, BOOSTER HEATERS, AND AS OTHERWISE NOTED, KITCHEN AREAS.
 - c. ALL FLOOR SINKS, COMPLETE WITH TOP GRATES INDICATED AND REMOVABLE SEDIMENT BUCKETS SET FLUSH WITH FINISHED FLOOR, UNLESS NOTED OR AS PER LOCAL CODE.
 - d. ALL WASTE LINES, DIRECT OR INDIRECT, EXCEPT AS NOTED, SHALL BE PITCHED DOWNWARD. ALL WASTE LINES SHALL HAVE ADEQUATE, CLEAN-OUT PROVISIONS.
 - e. INDIRECT WASTE LINES FOR WALK-IN REFRIGERATOR/FREEZER TO BE COPPER & PITCHED 1/4" TO 1'-0" (MINIMUM) AND WITH A "P" TRAP AT MINIMUM 2" ABOVE FLOOR SINK.
 - f. HEATER TAPE WITH 35 WATTS PER LINEAL FOOT OF DRAIN LINE AND INSULATION OF ALL DRAIN LINES INSIDE WALK-IN FREEZER COMPARTMENTS.
 - g. INSTALL FIRE CONTROL GAS SHUT-OFF VALVES AS PER SUPPLIED BY FIRE PROTECTION SYSTEM CONTRACTOR. (IF GAS COOKING EQUIPMENT IS USED.)
 - h. VACUUM BREAKERS AS REQUIRED.
 - i. INSULATION OF ALL STEAM, HOT WATER AND CONDENSATE LINES IN KITCHEN. ALL SUCH LINES ARE TO BE COLOR CODED ACCORDING TO LOCAL CODES.
 - j. CLEAN-OUT VALVES FOR STEAM CONDENSATE AND AIR LINES.
 - k. ALL PIPING TO AND FROM EQUIPMENT SHALL BE KEPT AT A MINIMUM OF SIX INCHES (6") CLEAR ABOVE FINISHED FLOOR TO ALLOW CLEANING, OR PREVAILING LOCAL CODES.
6. IN-LINE WATER FILTERS ARE RECOMMENDED FOR THE FOLLOWING EQUIPMENT (WATER FILTERS TO BE BY P.C UNLESS OTHERWISE NOTED.)
 - WATER HEATERS
 - BOOSTER HEATERS
 - SINK HEATERS
 - DISHWASHERS
 - GLASSWASHERS
 - SODA SYSTEMS
 - STEAM EQUIPMENT
 - ICE MAKING MACHINES
 - WATER STATIONS
7. ALL HIGH TEMP. INDIRECT WASTE LINES TO BE COPPER. VERIFY WITH LOCAL CODE IF DRAIN-WATER TEMPERING KIT IS REQUIRED. IF REQUIRED BY CODE, PLUMBING ENGINEER IS TO NOTIFY W.WEST.
8. PLUMBING DIVISION TO INTERCONNECT DISHWASHER WITH BOOSTER HEATER AND WATER TYPE VENTILATORS WITH CONTROL PANELS AS PER MANUFACTURER'S INSTRUCTIONS, WHEN APPLICABLE AND NOTED.
9. ALL VENT PIPES ARE TO BE CONCEALED IN WALLS OR COLUMN CHASES.
10. ALL LINES ROUTED THROUGH EQUIPMENT SHALL NOT INTERFERE WITH INTENDED USE OF, OR SERVICING OF EQUIPMENT.
11. INTERCONNECTION BETWEEN STEAM EQUIPMENT AND STEAM GENERATOR.
12. GREASE TRAP TO BE SPECIFIED AND LOCATED BY MECHANICAL ENGINEER AND PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR OR PLUMBING CONTRACTOR.
13. A GAS PRESSURE REGULATOR FOR EACH PIECE OF GAS FIRED EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY P.C. UNLESS OTHERWISE NOTED. IN ADDITION A HIGH PRESSURE GAS REGULATOR (VENTED) SHALL BE PROVIDED AND INSTALLED BY P.C. WHEN NECESSARY.
14. FLEXIBLE GAS CONNECTIONS WITH OR WITHOUT QUICK DISCONNECT FEATURE SHALL BE PROVIDED WITH SHUT-OFF VALVE BY K.E.C. THIS VALVE SHALL HAVE PERMANENT HANDLE, AND NOT BE LESS THEN THE NOMINAL SIZE OF THE CONNECTOR AND BE INSTALLED AT THE GAS PIPING OUTLET IMMEDIATELY AHEAD OF THE FLEXIBLE GAS CONNECTION. INSTALLED BY P.C..
15. PLUMBER SHALL PROVIDE ALL DRAINS FROM FIXTURES, INCLUDING WALK-IN BOX EVAPORATORS.
16. IF REQUIRED BY THE BUILDING DEPARTMENT, THE P.C. UNDER HIS PERMIT APPLICATION, SHALL PROVIDE DRAWINGS OR DIAGRAMS OF PIPING LAYOUT, SEWER PIPE SIZES, VENTING CONNECTIONS, ETC.
17. PLUMBER SHALL DETERMINE AND BE RESPONSIBLE FOR THE TOTAL PROJECT REQUIREMENTS AND VERIFY SIZE OF SERVICE REQUIRED FOR GAS OR WATER.
18. ALL PIPING, EXCEPT AS SHOWN OTHERWISE ON PLANS OR AS INSTRUCTED OTHERWISE BY THE ARCHITECT, SHALL BE RUN CONCEALED IN FURRED WALLS, PARTITIONS, FURRED CEILING, ETC. WHERE PIPING IS EXPOSED, IT SHALL BE RUN ADJACENT TO WALLS OR PARALLEL TO CONSTRUCTION IN NEAT AND ORDERLY FASHION AS DIRECTED BY THE ARCHITECT.
19. P.C. RESPONSIBLE FOR MAKING ALL FINAL CONNECTIONS. MODULAR BAR DIE WALL DOES NOT COME FROM FACTORY PRE-PLUMBED.
20. P.C. TO VERIFY LOCATIONS OF ALL CLEANOUTS WITH W.WEST PRIOR TO DRYWALL INSTALLATION.



PLUMBING ROUGH-IN PLAN

SCALE: 1/4" = 1'-0"

SYMBOLS & ABBREVIATIONS

*	HW	HOT WATER
*	CW	COLD WATER
•	TW	110° TEMPERED WATER
•	FCW	FILTERED COLD WATER
•	DW	DIRECT WASTE
⊙	FD	FLOOR DRAIN
⊙	FFD	FUNNEL FLOOR DRAIN
⊙	FS	FLOOR SINK 3/4 GRATE
⊙	FSHG	FLOOR SINK 1/2 GRATE
⊙	G	GAS
⊙	SS	STEAM SUPPLY
⊙	SR	STEAM RETURN
⊙	IW	INDIRECT WASTE
AFF	ABOVE FINISHED FLOOR	
FA	FROM ABOVE	
P.C.	PLUMBING CONTRACTOR	
RIP	ROUGH-IN POINT	

CONNECTION TYPES

1)	CONNECT WATER SUPPLY TO FAUCETS
2)	CONNECT WATER SUPPLY TO WATER CONNECTION
3)	DIRECT WASTE CONNECTION TO UNIT
4)	INDIRECT WASTE CONNECTION TO UNIT
5)	QUICK DISCONNECT FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR
6)	QUICK DISCONNECT FURNISHED BY MECHANICAL CONTRACTOR
7)	MANIFOLD GAS CONNECTION
8)	DIRECT GAS CONNECTION

GENERAL G.P.H. LOADS

EQUIPMENT TYPE	G.P.H. HIGH	G.P.H. LOW
VEGETABLE SINK	25	15
TRIPLE POT SINK	60	45
PRE-RINSE	45	45
BAR 4-COMP SINK	25	25
HOT WATER FILLER	15	15
COFFEE URN	5	5
MOP SINK	15	15
HAND SINK	5	5

W. WEST EQUIPMENT 9/22/2023 10:51 AM, PLOTTED BY: JEFF VAN BENSCHÖTEN



Food Service Design/Planning

Stacy Jackson
Project Manager
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Teocalli - Longmont
460 Main St.
Longmont, C.O. 80501

Project Number: H41178

Scale: As Noted

Date: 09.22.23

Revisions:

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Sheet Name:
**Plumbing
Rough-in Plan**

Sheet Number:

FS2

Drawn By	Checked By
KS	JVB

Teocalli - Longmont
460 Main St.
Longmont, C.O. 80501

Project Number: H41178

Scale: As Noted

Date: 09.22.23

Revisions:

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Sheet Name:

Electrical
Rough-in Plan

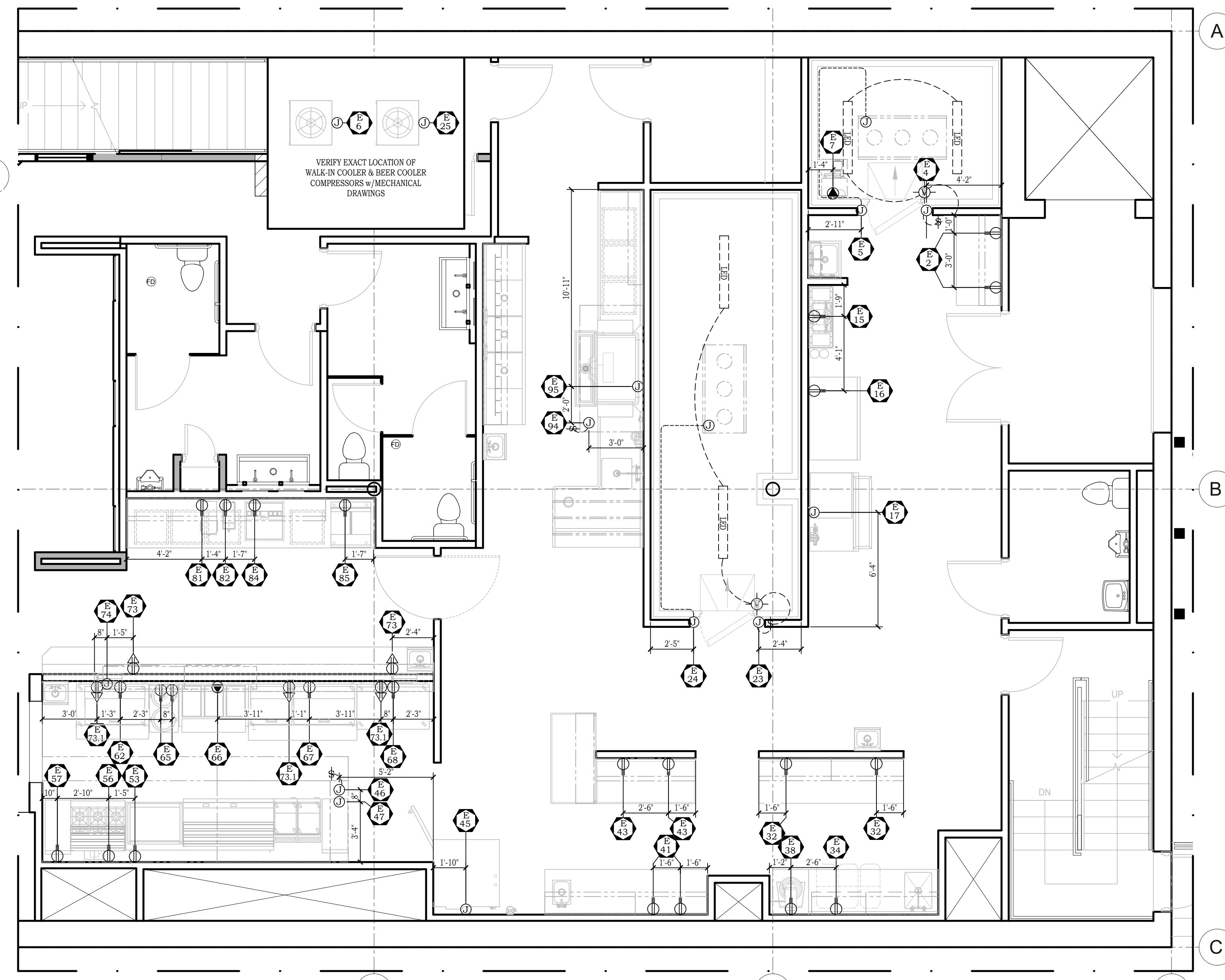
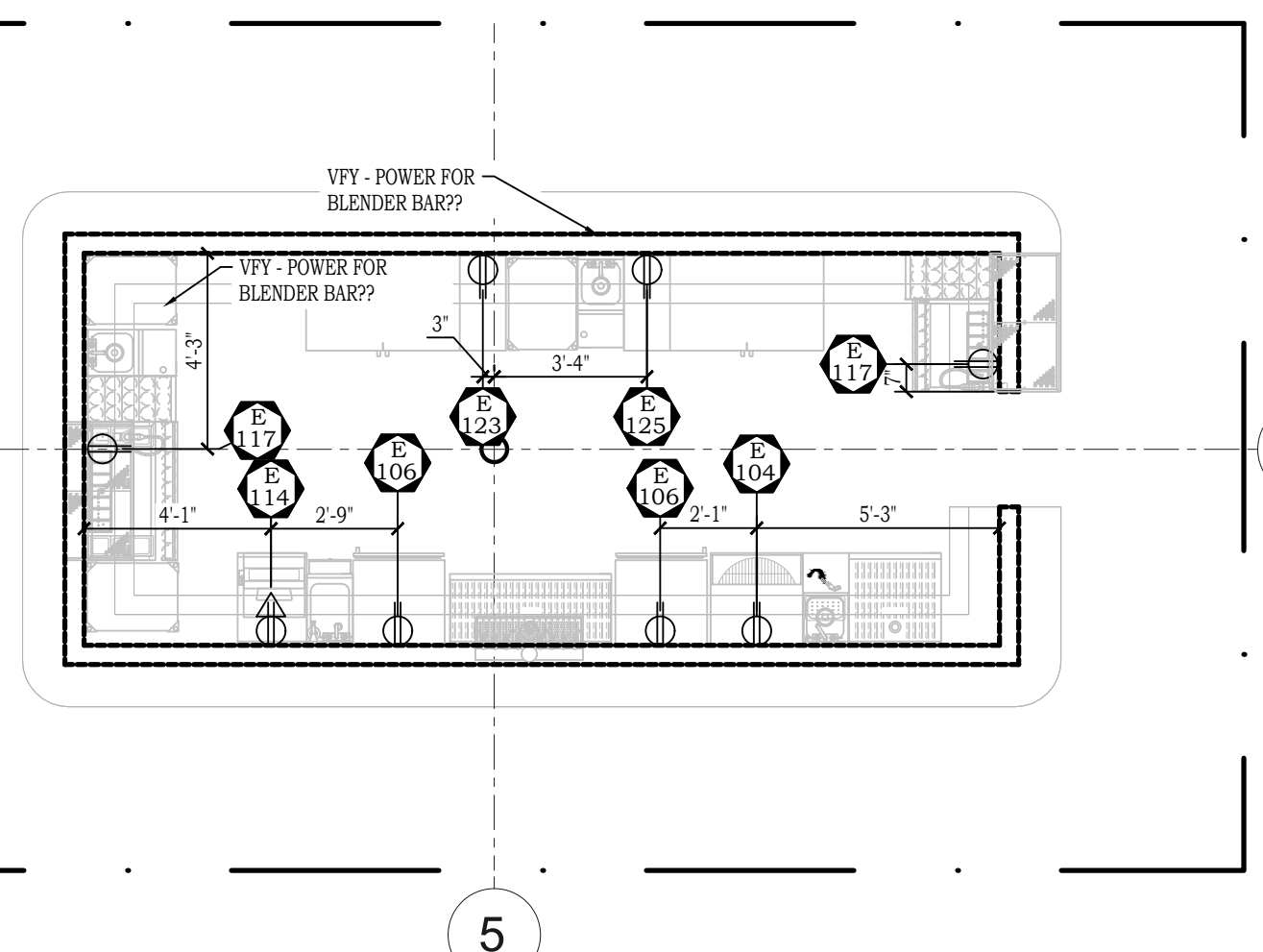
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FS3

Drawn By	Checked By
KS	JVB

ELECTRICAL NOTES:

- ALL ROUGH-INS SHOWN RELATE TO FOOD SERVICE EQUIPMENT ONLY. SEE ARCHITECTURAL/ENGINEERING PLANS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
- FINAL CONNECTIONS TO ALL EQUIPMENT BY ELECTRICAL CONTRACTOR, INCLUDING MATERIALS.
- ALL LOADS INDICATED ARE ACTUAL AND NOT CIRCUIT BREAKER SIZE UNLESS OTHERWISE NOTED.
- ALL CONVENIENCE OUTLETS TO BE SET HORIZONTALLY.
- ALL ROUGH-IN HEIGHTS INDICATED FROM FLOOR TO THE CENTER LINE OF THE OUTLET. FLOOR ROUGH-INS TO BE STUBBED UP 4" ABOVE FINISHED FLOOR OR CURB. ALL FLOOR OPENINGS ARE TO BE SEALED WATERTIGHT.
- ELECTRICAL CONTRACTOR TO PROVIDE SHUNT TRIP BREAKERS FOR EQUIPMENT UNDER HOOD AND INTERWIRE TO FIRE PROTECTION SYSTEM, PER LOCAL CODE.
- FINAL CONNECTIONS TO EQUIPMENT JUNCTION BOX OR PULL-BOX AND ALL ELECTRICAL WORK FROM PANEL BOARDS, TO BE BY THE ELECTRICAL CONTRACTOR.
- VERIFY ALL ELECTRICAL ROUGH-INS AND LOCATIONS WITH OWNER, VENDOR OR G.C. ON EXISTING EQUIPMENT OR OTHER EQUIPMENT NOT PROVIDED BY W.WEST.
- ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL THE FOLLOWING AS PER CODE.
 - ALL JUNCTION BOXES, ELECTRICAL OUTLETS, COVER PLATES, SWITCHES, ECT., NOT BUILT INTO FIXTURES OR EQUIPMENT. ALL OUTLETS, JUNCTION BOXES, COVER PLATES, ETC., IN LAUNDRY AREAS, DISHROOM OR AS INDICATED ON SCHEDULES, MUST BE VAPOR PROOF, OR AS PER LOCAL CODE.
 - ALL PLUGS & CORDS AS NOTED ON SCHEDULE. ALL CORDS SHALL BE N.E.M.A. RATED AND U.L. APPROVED FOR MANUFACTURED AND/OR FABRICATED EQUIPMENT.
 - SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTS FOR FIRE CONTROL SYSTEM SHUT-OFF OF FOOD SERVICE EQUIPMENT BELOW HOODS/VENTILATORS AS REQUIRED BY N.F.P.A. 96 CODE OR LOCAL CODE.
 - DISCONNECTS OR OTHER DEVICES AS REQUIRED BY CODES.
 - ELECTRO-MAGNETIC OVERLOAD PROTECTION FOR AIR COMPRESSORS AND VACUUM PUMPS IN THE LAUNDRY, AS NOTED.
 - ALL REQUIRED BULBS FOR FIXTURES.
 - PLUG MOLDS SUPPLIED & INSTALLED WHERE INDICATED.
- WHEN APPLICABLE, ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT WIRING, INSTALL ELECTRICAL COMPONENTS AND INTERWIRE BETWEEN THE FOLLOWING:
 - REMOTE REFRIGERATION EQUIPMENT TO EVAPORATOR COILS AND FOR DEFROST CONTROLS.
 - CONTROL PANELS TO VENTILATORS AND EXHAUST/SUPPLY FANS PER MANUFACTURER'S INSTRUCTIONS.
 - KITCHEN EXHAUST HOOD/VENTILATORS TO FIRE CONTROL SYSTEM AND HOOD CONTROLS.
 - CALL LIGHTS AND WAITRESS CONTROL SYSTEMS.
 - LIGHT FIXTURES, CHANDELIERS, ETC., LAMPS FOR ANY LIGHT FIXTURE ARE TO BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS INDICATED ON THE LIGHTING SCHEDULES OR DRAWINGS.
 - MODULE COUNTERS AND COMPONENTS OR EQUIPMENT MOUNTED ON COUNTERS.



ELECTRICAL ROUGH-IN PLAN

SCALE: 1/4" = 1'-0"

SYMBOLS & ABBREVIATIONS	
	JUNCTION BOX
	DUPLEX RECEPTACLE
	QUAD RECEPTACLE
	SPECIAL PURPOSE OUTLET
	P.O.S. POWER/DATA PORT
	P.O.S. POWER/DATA/TELE PORT
	STUB UP 4" TO JUNCTION BOX
	STUB UP 4" TO FLOOR MOUNTED OUTLET
	STUB UP 4" TO FLOOR MOUNTED SPECIAL PURPOSE OUTLET
	JUNCTION BOX MOUNTED IN EQUIPMENT
	DUPLEX RECEPTACLE MOUNTED IN/ON EQUIPMENT
	DROP CORD - PROVIDED & INSTALLED BY E.C.
	SWITCH
	FLEX
	PHASE
	FLOOR OUTLET
	ROUGH-IN POINT
	AMP
	KILOWATT
	HORSE POWER
	ABOVE FINISHED FLOOR
	FROM ABOVE
	CEILING
	ELECTRICAL CONTRACTOR

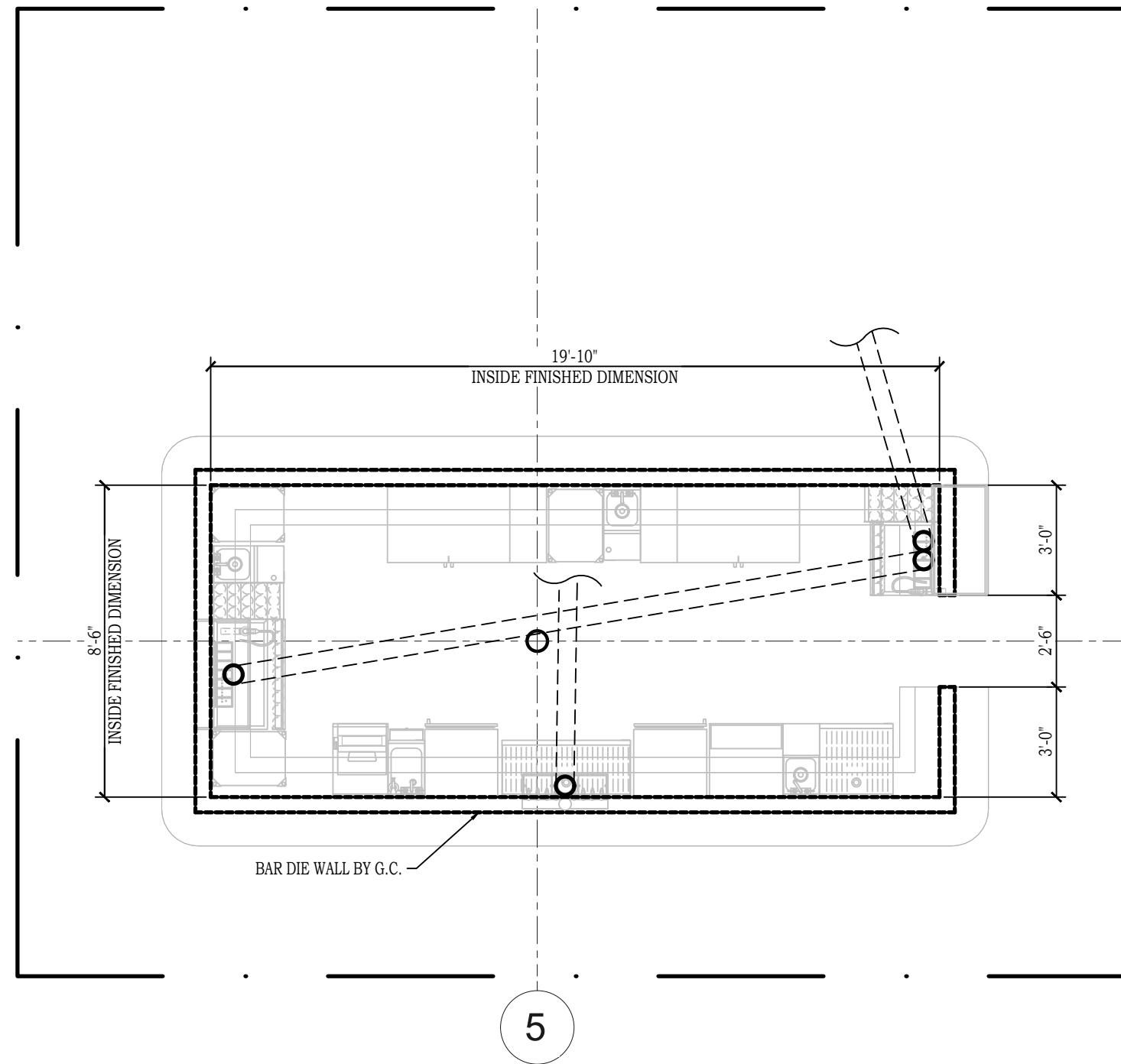
CONNECTION TYPES	
1)	DIRECT TO JUNCTION BOX ON EQUIPMENT.
2)	DIRECT TO OUTLETS INCLUDED WITH DISCONNECT.
3)	DIRECT TO JUNCTION BOX THROUGH DISCONNECT.
4)	DIRECT SERVICE TO CIRCUIT BREAKER PANEL INCLUDED WITH EQUIPMENT.
5)	REQUIRES INTERWIRING BETWEEN CONTROLS AND EQUIPMENT.
6)	CORD & PLUG FURNISHED WITH EQUIPMENT.
7)	CORD & PLUG FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
8)	OUTLET FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR.
9)	OUTLET FURNISHED WITH EQUIPMENT & INSTALLED BY ELECTRICAL CONTRACTOR.
10)	EQUIPMENT INSTALLED IN COUNTER & WIRED BY MANUFACTURER.
11)	FINAL CONNECTION BY ELECTRICAL CONTRACTOR TO PRE-WIRED JUNCTION BOX OUTLET IN COUNTER
12)	FLEX OUT OF WALL @ ROUGH-IN POINT (NO J-BOX REQ'D)
13)	SEALTIGHT CONDUIT REQUIRED PER F.R.C.

GENERAL WALK-IN NOTES:	
1.	E.C. TO VERIFY EXACT SIZE & LOCATION OF COMPRESSORS FOR WALK-IN BOXES W/MECHANICAL CONTRACTOR.
2.	E.C. TO MOUNT & INTERWIRE VAPOR-PROOF OR FLUORESCENT LIGHTS, WHICHEVER PROVIDED, PER SPEC. RUN CONDUIT ON EXTERIOR TOP OF WALK-IN BOXES. LIGHTS FOR WALK-INS PER SPEC.
3.	E.C. TO SUPPLY & MOUNT SERVICE DISCONNECTS @ ALL WALK-IN CONNECTIONS.
4.	E.C. TO RUN (5) #12 WIRES FROM COIL TO FREEZER COMPRESSOR FOR TIME CLOCK, DEFROST CYCLE & COIL POWER.
5.	REFRIGERATION CONTRACTOR PROVIDE DRAIN LINE HEATER TAPE, ELECTRICAL CONTRACTOR TO INSTALL IT. E.C. TO PROVIDE & MOUNT A JB AT FREEZER COIL FOR DRAIN LINE HEAT TAPE.

W.WEST EQUIPMENT 9/22/2023 10:51 AM. PLOTTED BY: JEFF VAN BENSCHÖTEN

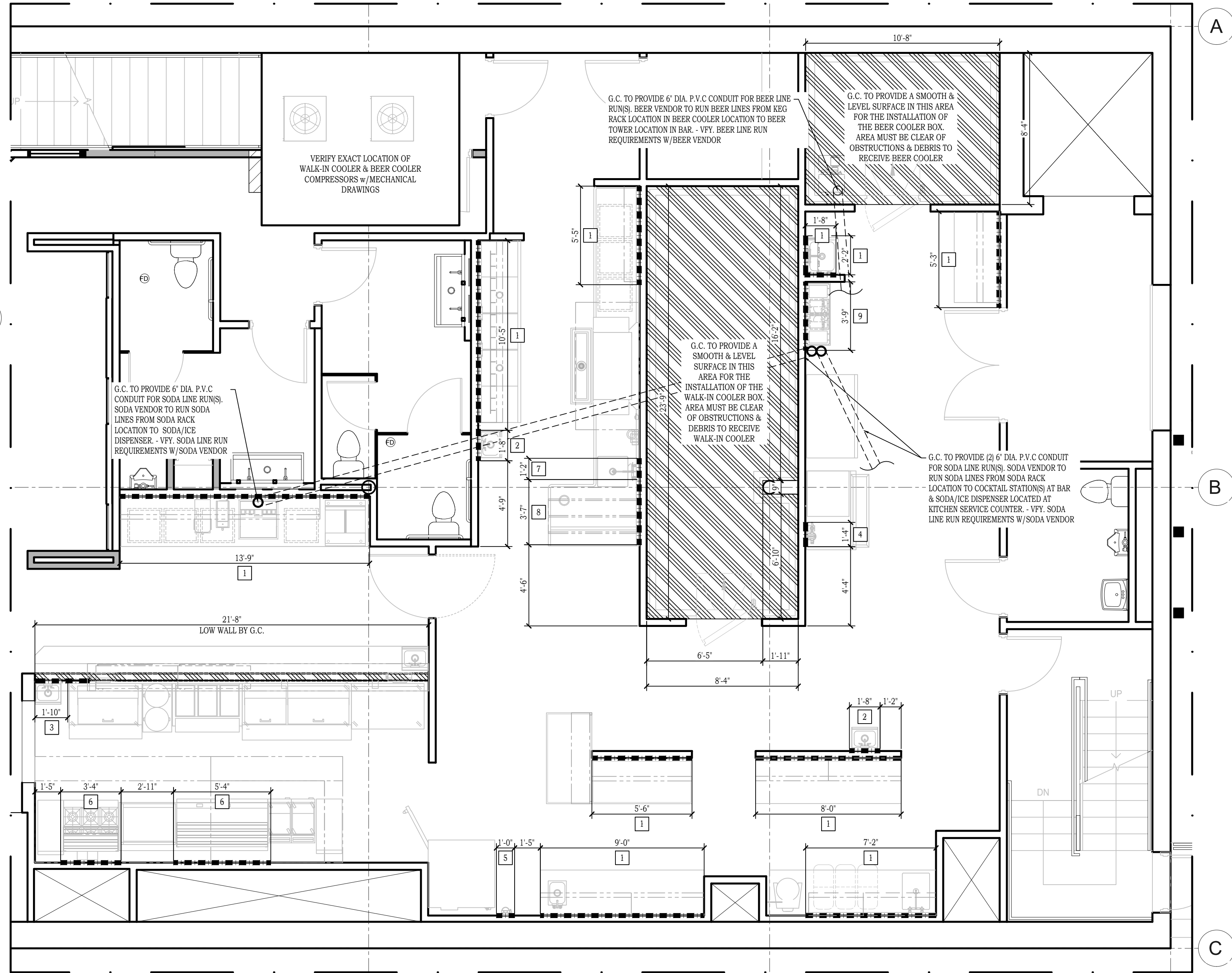
BUILDING CONDITIONS NOTES:

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- WALLS, FLOORS, AND CEILINGS IN KITCHEN, PREP, SERVICE, WASHING AND BAR AREAS OR ANY OTHER LOCATION WHERE FOOD OR BEVERAGES ARE PREPARED SHALL BE SMOOTH, EASILY CLEANABLE, NONABSORBENT AND DURABLE. WALL AND CEILINGS SHALL BE LIGHT COLORED, AS PER LOCAL CODES. LEAD BASED PAINT SHALL NOT BE USED.
- PARTITION WALLS BETWEEN KITCHEN AREAS AND PUBLIC AREAS SHOULD BE CONSTRUCTED FOR MAXIMUM SOUND CONTROL.
- GENERAL CONTRACTOR OR EQUIVALENT SHALL:
 - PROVIDE WALL REINFORCING OR BACKING AS REQUIRED FOR WALL MOUNTED KITCHEN EQUIPMENT. SEE WALL BACKING SCHEDULE FOR BACKING TYPES AND HEIGHTS.
 - SLOPE FLOORS TO FLOOR DRAINS OR FLOOR TROUGHS, AND FLOOR SINKS IF NOT ELEVATED.
 - PROVIDE DOOR/WALL OPENINGS AND/OR PASSAGES TO ASSURE ACCESS FOR ALL KITCHEN EQUIPMENT AND FRONT END ITEMS. COORDINATE SIZES WITH W.WEST.
 - PROVIDE DEPRESSIONS FOR WALK-IN COOLER/FREEZER. SMOOTH AND TRANSIT LEVEL, WHERE DEPRESSIONS ARE REQUIRED. DEPTH AS NOTED.
 - AFTER WALK-IN COOLER/FREEZER HAS BEEN INSTALLED BY W.WEST, FILL EXCESS DEPRESSION AROUND WALK-IN COOLER/FREEZER w/GROUT, FINISH FLOOR MATERIAL AND COVERED BASE. PROVIDE ENCLOSURES FROM TOP OF WALK-IN TO FINISHED CEILING IF REQUIRED. E.C. WALK-IN PENETRATIONS SHALL BE PROVIDED WITH ESCUTCHEON PLATES BY ELECTRICAL CONTRACTOR.
 - PROVIDE MASONRY PADS WITH TROWEL SMOOTH AND LEVEL FINISH AS REQUIRED. (SEE MASONRY CONTRACTOR NOTES)
 - PROVIDE FIRE RATED MATERIALS AND/OR INSULATION AS REQUIRED FOR EXHAUST DUCTS, VENT STACKS, HEAT PRODUCING EQUIPMENT, ROOF/WALL PENETRATIONS, ETC., PER LOCAL CODES.
 - PROVIDE COVERED BASE-MOULDING OR COVERED INTEGRAL FLOOR MATERIALS AS REQUIRED AT ALL VERTICAL SURFACES FOR KITCHEN FLOORS.
 - PROVIDE FANS, DUCTWORK, CONTROLS, DUCT COLLAR, FINAL CONNECTION, HANGING OF HOODS, PERMITS, AND MAKE-UP AIR EQUIPMENT. THE ABOVE FURNISHED BY H.V.A.C. CONTRACTOR UNLESS NOTED ON DRAWING OR CONTRACT WITH W.WEST.
 - MECHANICAL CONTRACTOR (H.V.A.C.) TO BALANCE EXHAUST SYSTEM. (NEGATIVE PRESSURES IN THE FACILITY SHALL MEET LOCAL CODES.)
 - ALL ROOF CURBS AND ROOF JACKS TO BE PROVIDED AND INSTALLED BY G.C. INCLUDING RESEALING OF ROOF PENETRATIONS.
- ALL C.F.M. REQUIREMENTS SHOWN ON DRAWING TO BE VERIFIED BY M.C.
- ALL DUCT COLLARS, CUT-OUTS AND PENETRATIONS IN HOODS TO BE LOCATED AND PROVIDED BY MECHANICAL CONTRACTOR IN FIELD.
- M.C. TO PROVIDE ADEQUATE VENTILATION AT/AROUND ALL REMOTE COMPRESSORS & CONDENSERS.
- ALL REMOTE COMPRESSORS & CONDENSERS ARE TO BE LOCATED OUTDOORS UNLESS OTHERWISE NOTED BY ARCHITECT & MECHANICAL ENGINEERS.
- CO2 SAFETY REQUIREMENTS TO BE VERIFIED BY MECHANICAL ENGINEER & DESIGNED PER LOCAL CODE.



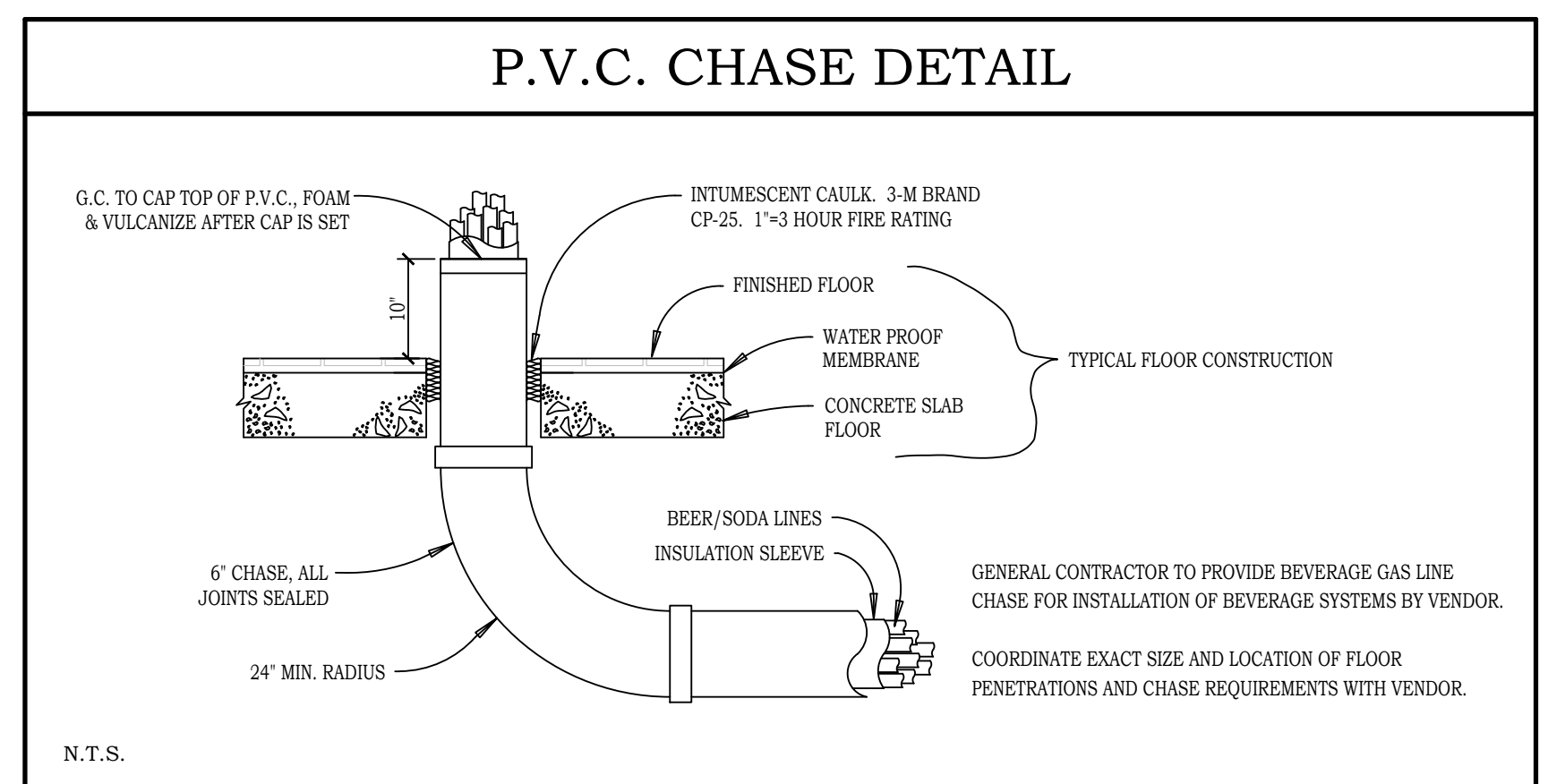
NO.	TYPE	HGT. ABOVE FINISHED FLOOR (TOP OF BACKING)	REMARKS
1	5/8" PLYWOOD	108" DOWN TO 36"	WALL SHELF, POT RACK, MOP RACK
2	5/8" PLYWOOD	72" DOWN TO 24"	HAND SINK/SOAP & PAPER TOWEL DISPENSER
3	5/8" PLYWOOD	TOP OF WALL DOWN TO 24"	HAND SINK/SOAP & PAPER TOWEL DISPENSER
4	5/8" PLYWOOD	96" DOWN TO 60"	ICE MACHINE WATER FILTER
5	5/8" PLYWOOD	72" DOWN TO 36"	COMBI-OVEN WATER FILTRATION SYSTEM
6	12 GA. STEEL	81" DOWN TO 45"	WALL MOUNTED COOKLINE ITEMS
7	5/8" PLYWOOD	66" DOWN TO 48"	PRE-RINSE
8	5/8" PLYWOOD	82" DOWN TO 52"	DOUBLE SLANT RACK SHELF
9	5/8" PLYWOOD	CEILING DOWN TO 72"	SODA RACK CARBONATOR

WALL BACKING IS TO PROVIDE SUPPORT FOR ALL MOUNTED EQUIPMENT. ALWAYS EXTEND BACKING TO THE NEXT STUD IN EACH DIRECTION. WALL BACKING MAYBE INDICATED ON WALLS THAT MAY BE OF CONCRETE BLOCK CONSTRUCTION, AND THEREFORE WALL BACKING MAY NOT BE REQUIRED. WALL BACKING AT COOKLINE WALLS TO BE OF A CODE COMPLIANT, FIRE-RATED CONSTRUCTION PER ARCHITECT'S DRAWINGS AND DETAILS.



BUILDING CONDITIONS PLAN

SCALE: 1/4" = 1'-0"



SYMBOLS & ABBREVIATIONS

	EXHAUST DUCT CONNECTION
	MAKE-UP AIR DUCT CONNECTION
	SPECIAL PURPOSE EXHAUST DUCT w/GRILLE
	FLOOR DEPRESSION
	SMOOTH & LEVEL FLOOR
	INSULATED FLOOR
	CONCRETE CURB
	6" DIA. P.V.C. SODA/BEER CHASE
	1" DIA. P.V.C. CO2/NITROGEN CHASE
	WALL BACKING
	B — BEER CHASE
	C — CO2 CHASE
	N — NITROGEN CHASE
	S — SODA CHASE



Food Service Design/Planning

Stacy Jackson
Project Manager
9355 Northfield Blvd.
Denver, CO 80238
Phone: 303.289.9378
Fax: 303.289.9505

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Longmont, C.O. 80501

Project Number:H41178

Scale:As Noted

Date: 09.22.23

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Sheet Name:
Building Conditions Plan & Schedule

Sheet Number:

FS4

Drawn By	Checked By
KS	JVB

W.WEST EQUIPMENT 9/22/2023 10:51 AM, PLOTTED BY: JEFF VAN BENSCHÖTEN

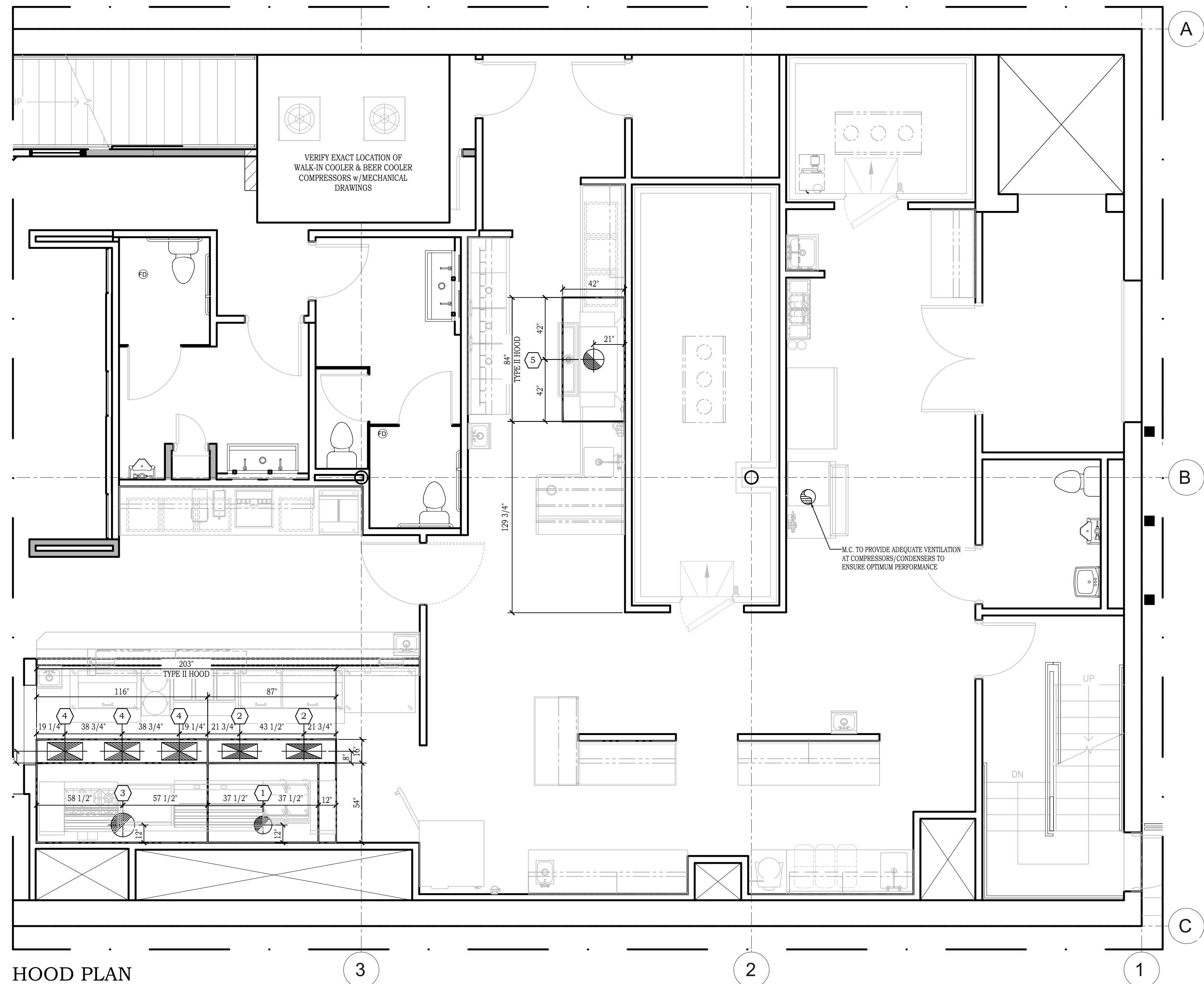
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SYMBOLS & ABBREVIATIONS

	EXHAUST DUCT CONNECTION
	MAKE-UP AIR DUCT CONNECTION
	SPECIAL PURPOSE EXHAUST DUCT w/GRILLE
	FLOOR DEPRESSION
	SMOOTH & LEVEL FLOOR
	INSULATED FLOOR
	CONCRETE CURB
	6" DIA. P.V.C. SODA/BEER CHASE
	1" DIA. P.V.C. CO2/NITROGEN CHASE
	WALL BACKING
	BEER CHASE
	CO2 CHASE
	NITROGEN CHASE
	SODA CHASE

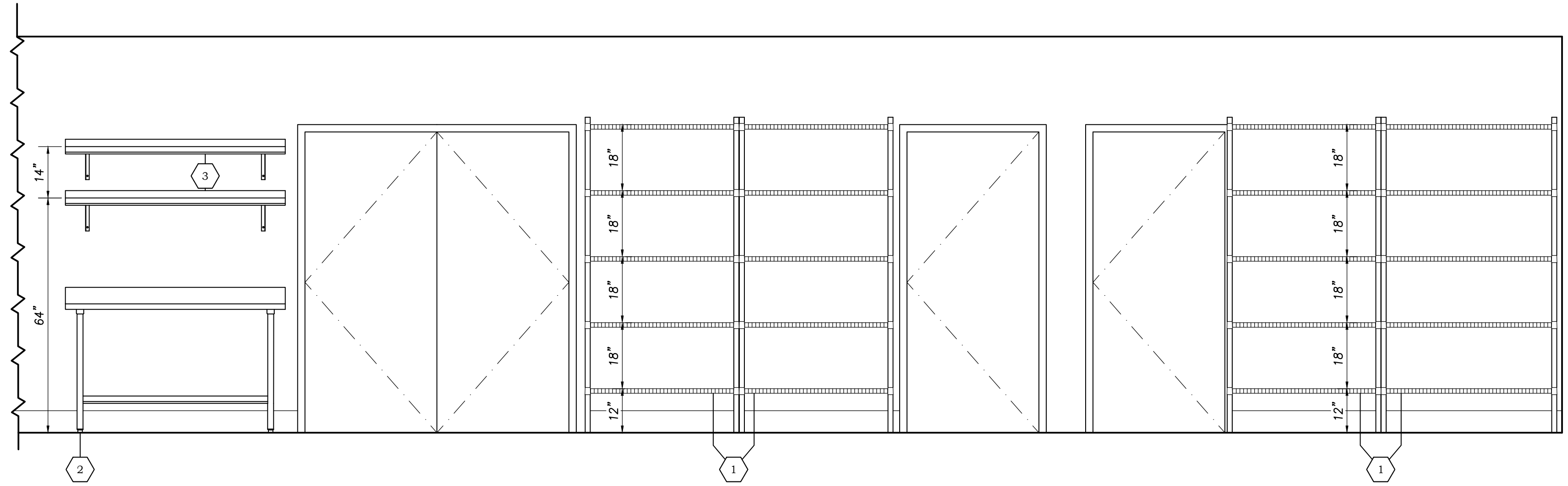
No.	Size	C.F.M.		W.G.S.P. @Collar	Remarks
		Exhaust	Make-up		
1	12" DIA.	1406		-0.692"	EXHAUST DUCT COLLAR
2	10" x 24" EA.		632 EA.	0.214" EA.	(2) SUPPLY DUCT COLLARS
3	16" DIA.	2635		-1.080"	EXHAUST DUCT COLLAR
4	12" x 24" EA.		597 EA.	0.160" EA.	(3) SUPPLY DUCT COLLARS
5	14" DIA.	1400		-0.173"	EXHAUST DUCT COLLAR



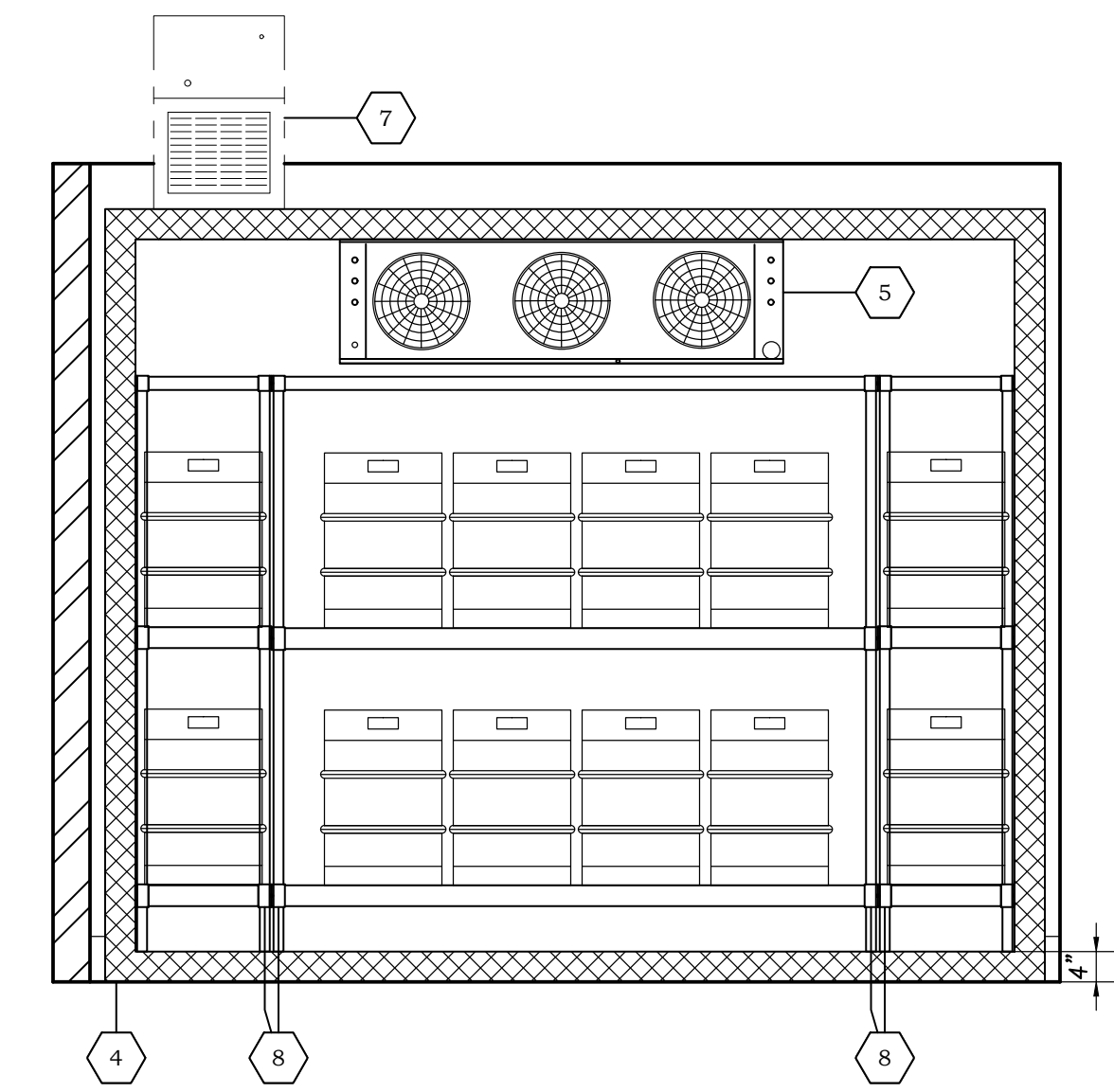
HOOD PLAN
SCALE: 1/4" = 1'-0"

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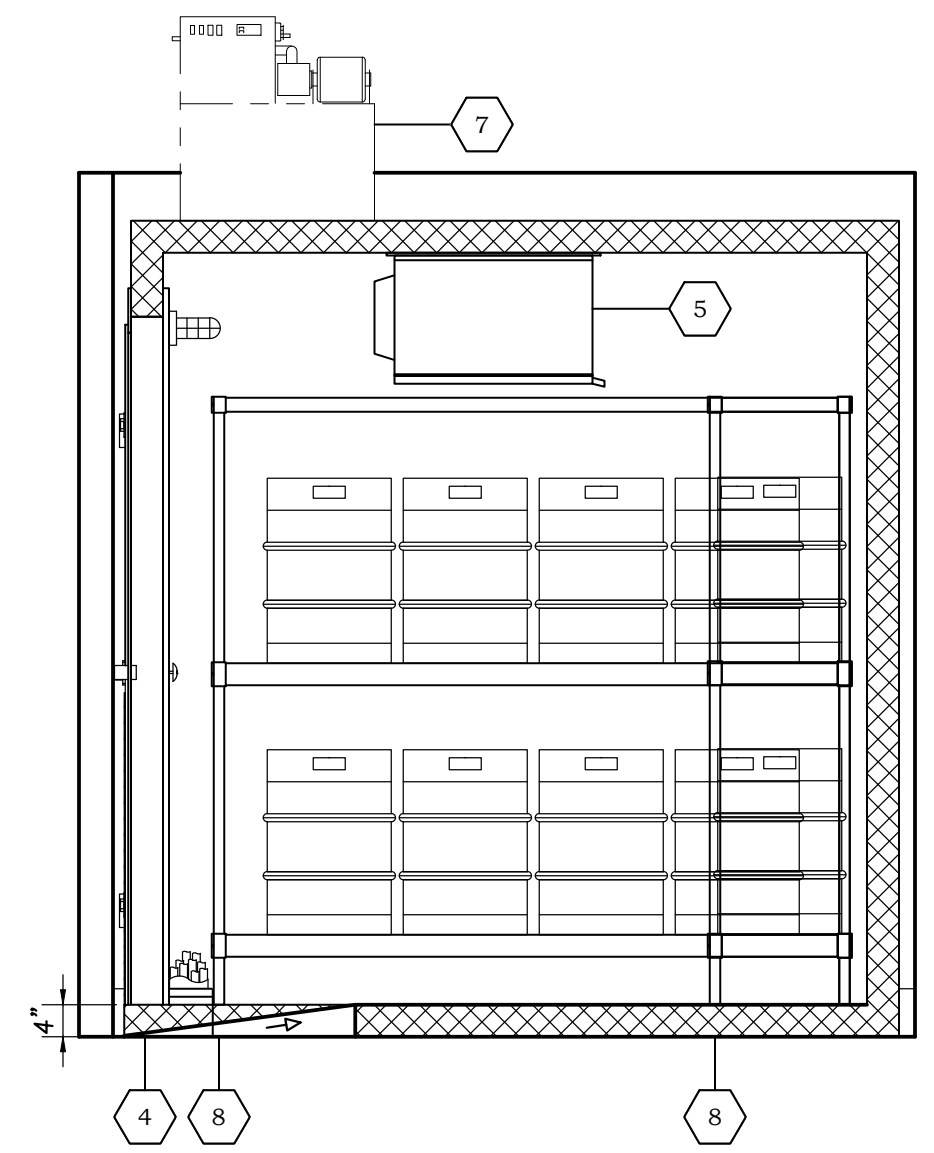
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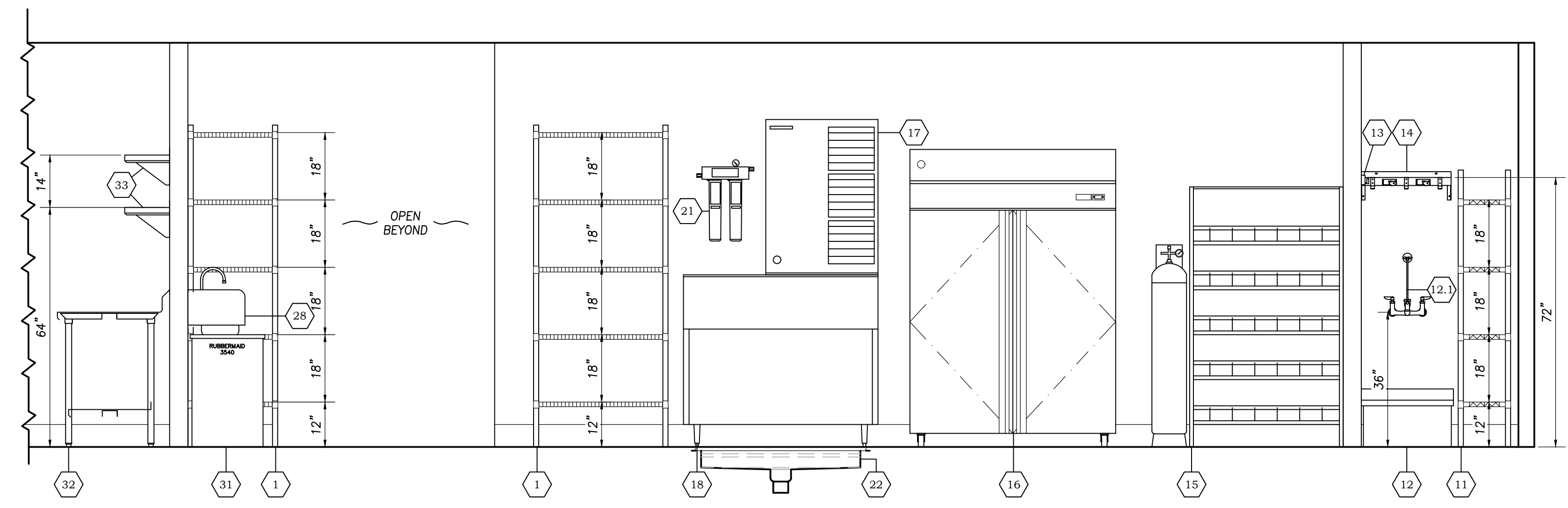
1 PREP TABLE/WIRE SHELVING
SCALE: 1/2" = 1'-0"



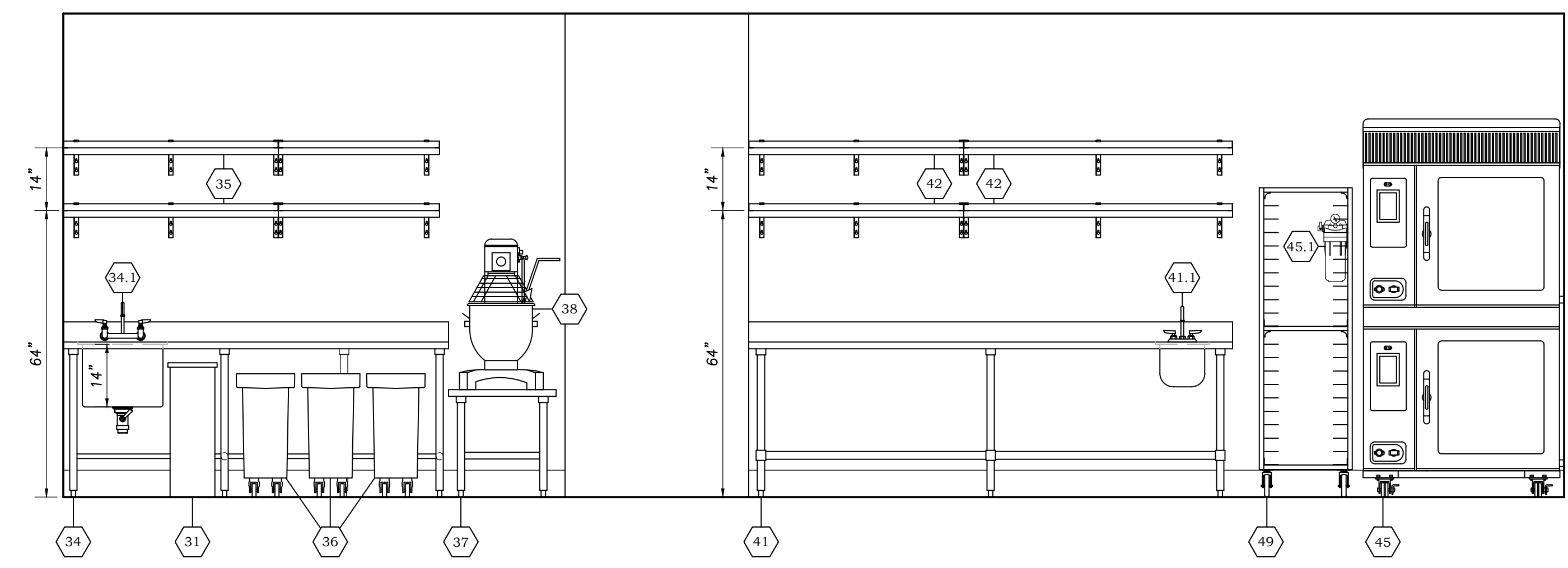
2 BEER/KEG COOLER - 1
SCALE: 1/2" = 1'-0"



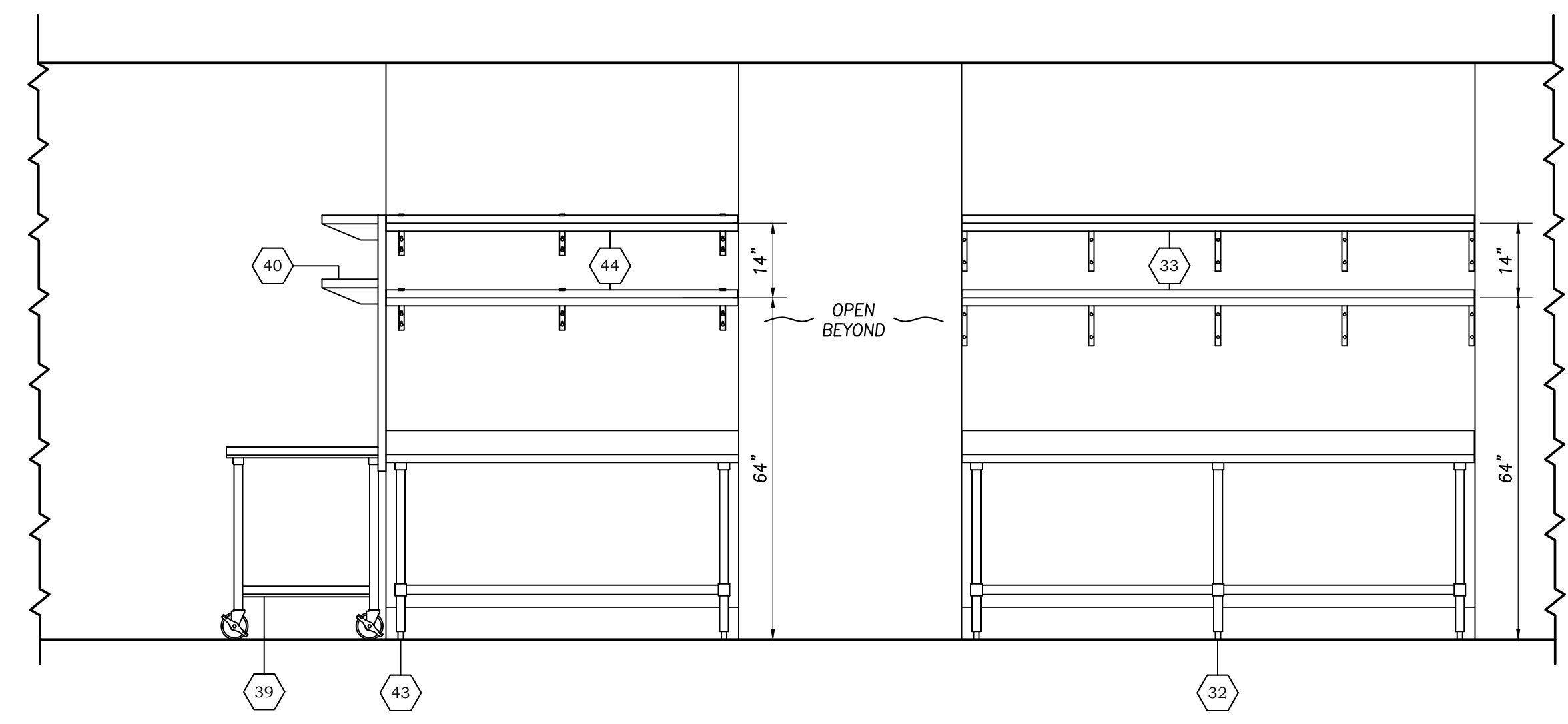
3 BEER/KEG COOLER - 2
SCALE: 1/2" = 1'-0"



4 PREP STATION/ICE MACHINE/SODA RACK/MOP SINK
SCALE: 1/2" = 1'-0"



5 PREP STATION - 1
SCALE: 1/2" = 1'-0"



6 PREP STATION - 2
SCALE: 1/2" = 1'-0"

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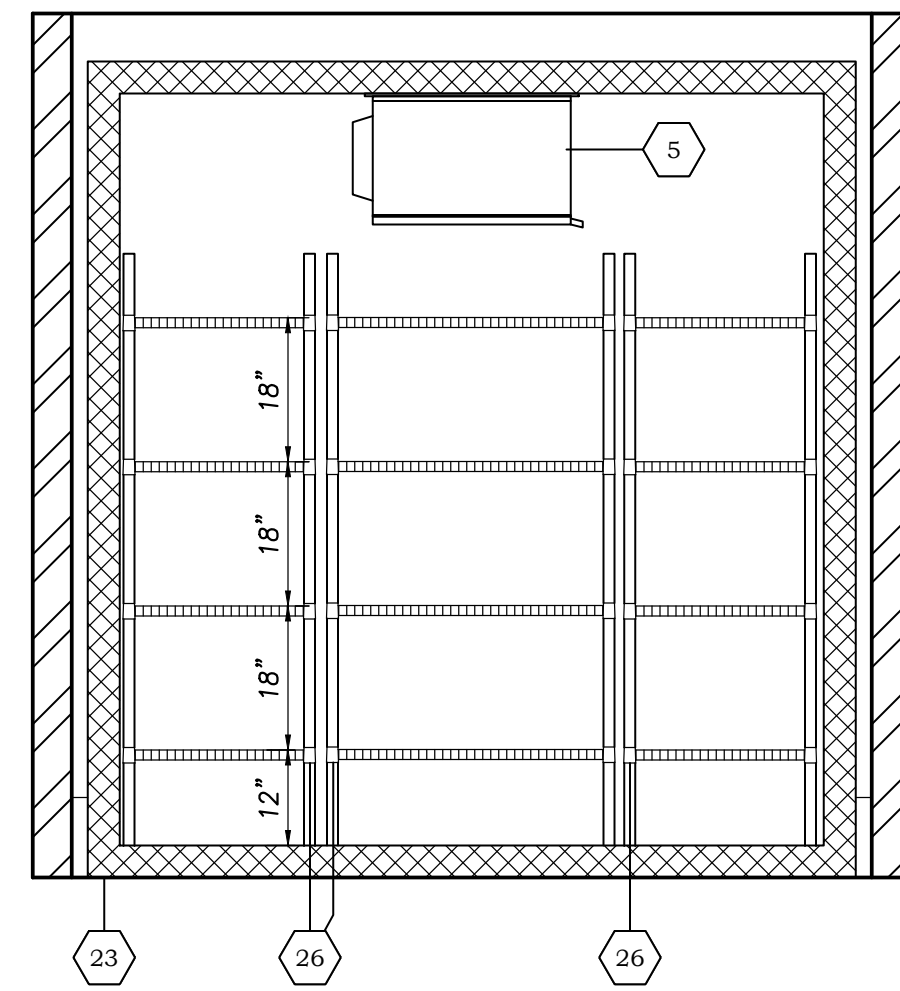
Equipment Elevations

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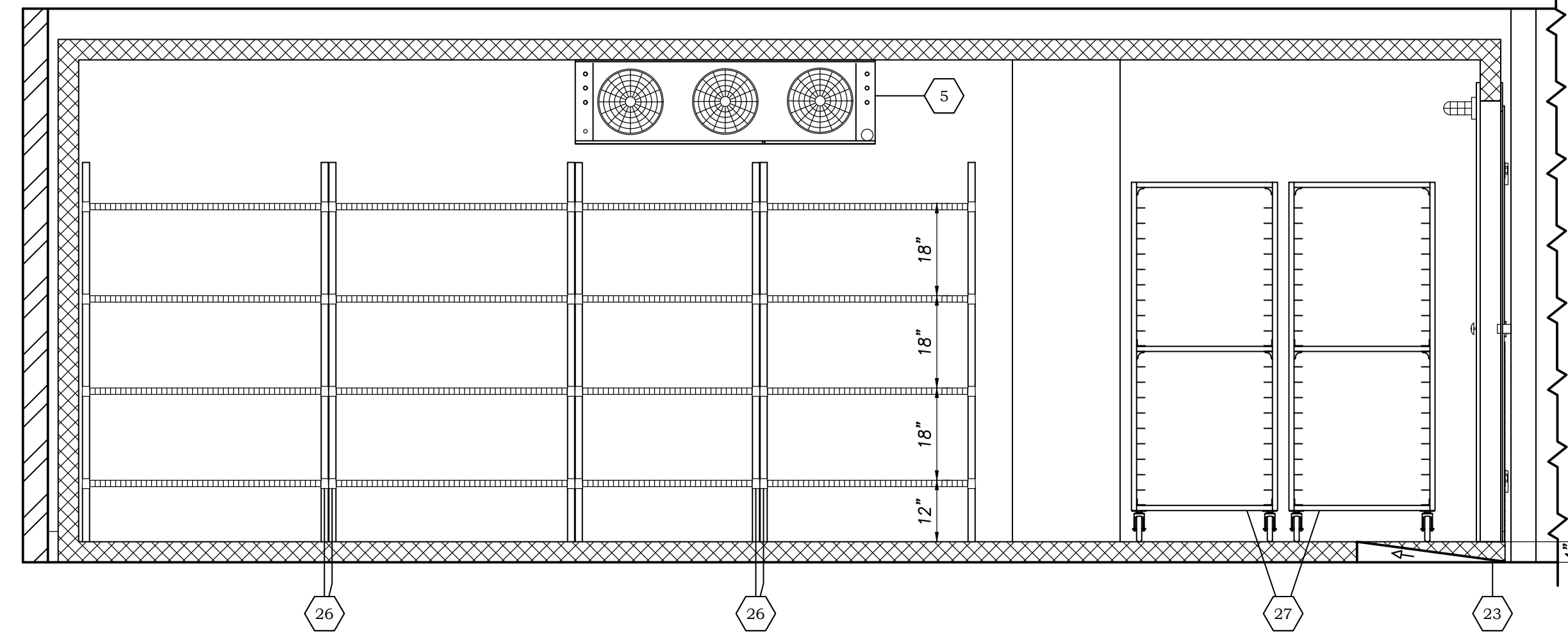
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Drawn By	Checked By
KS	JVB

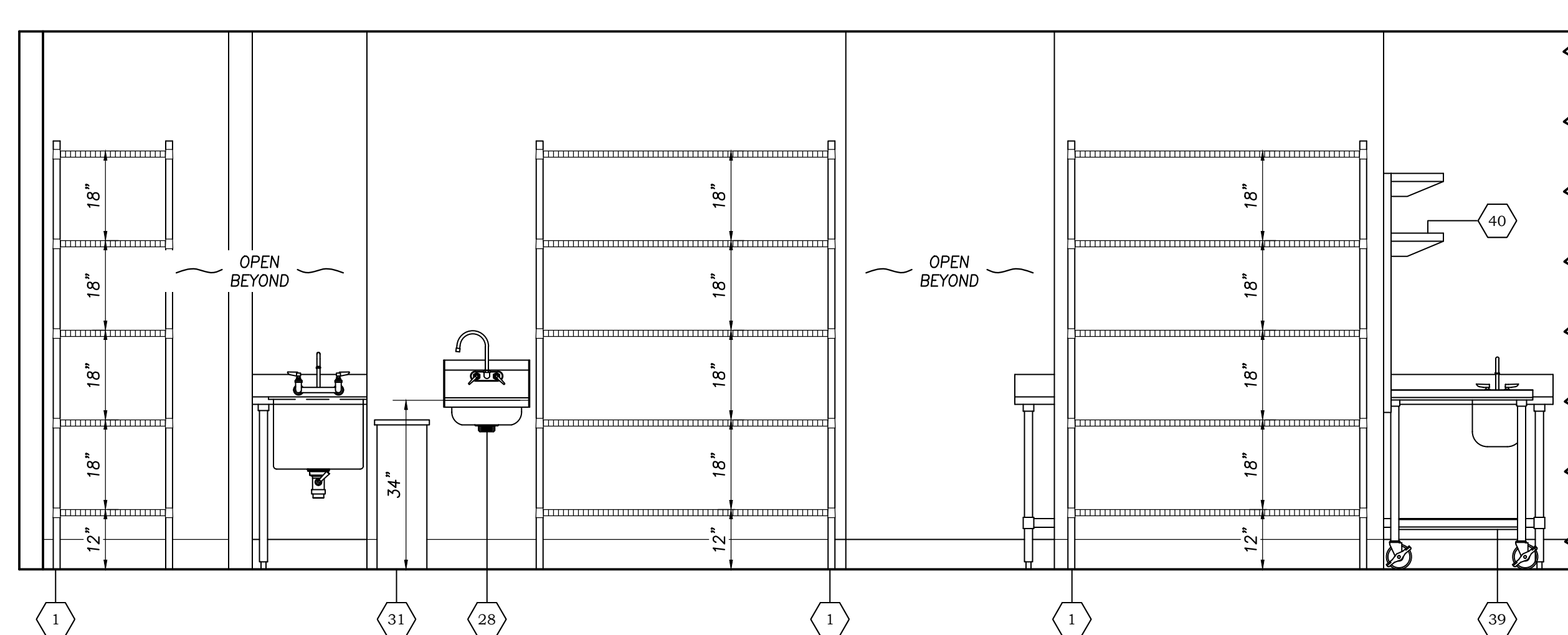
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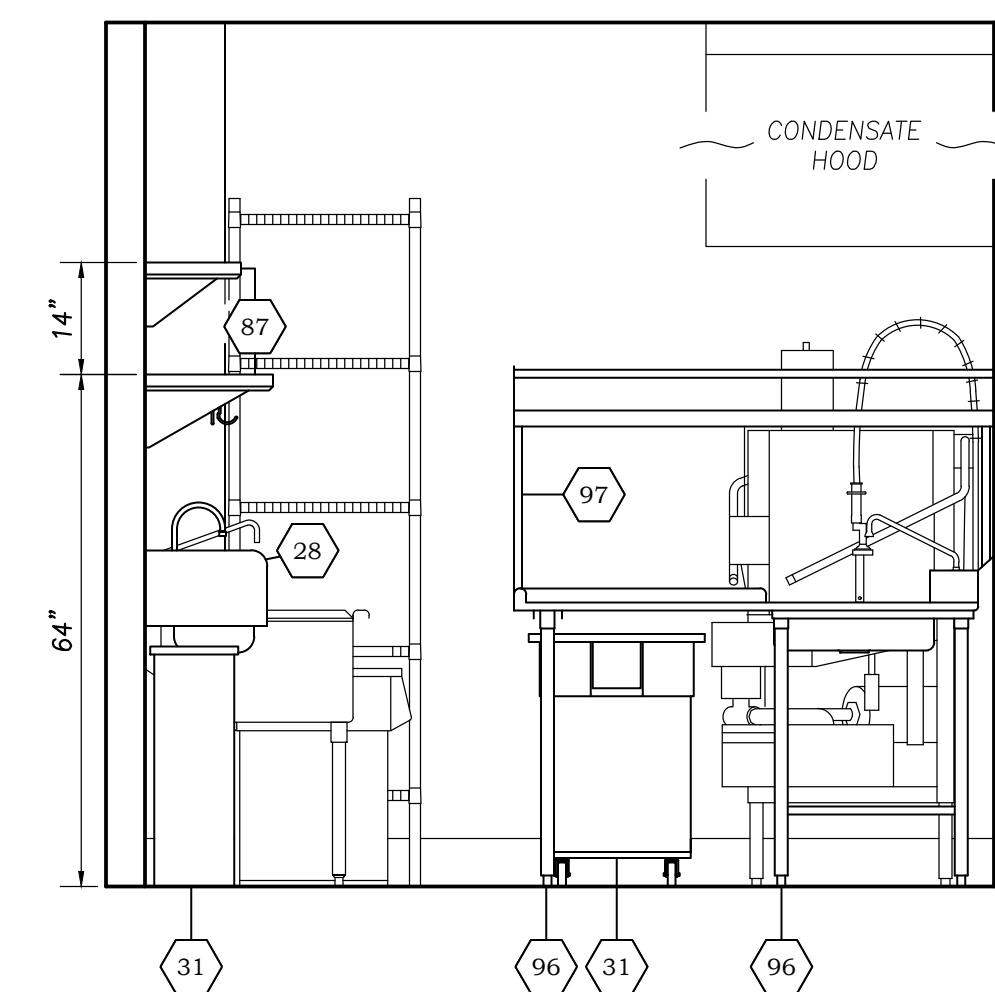
7 WALK-IN COOLER - 1
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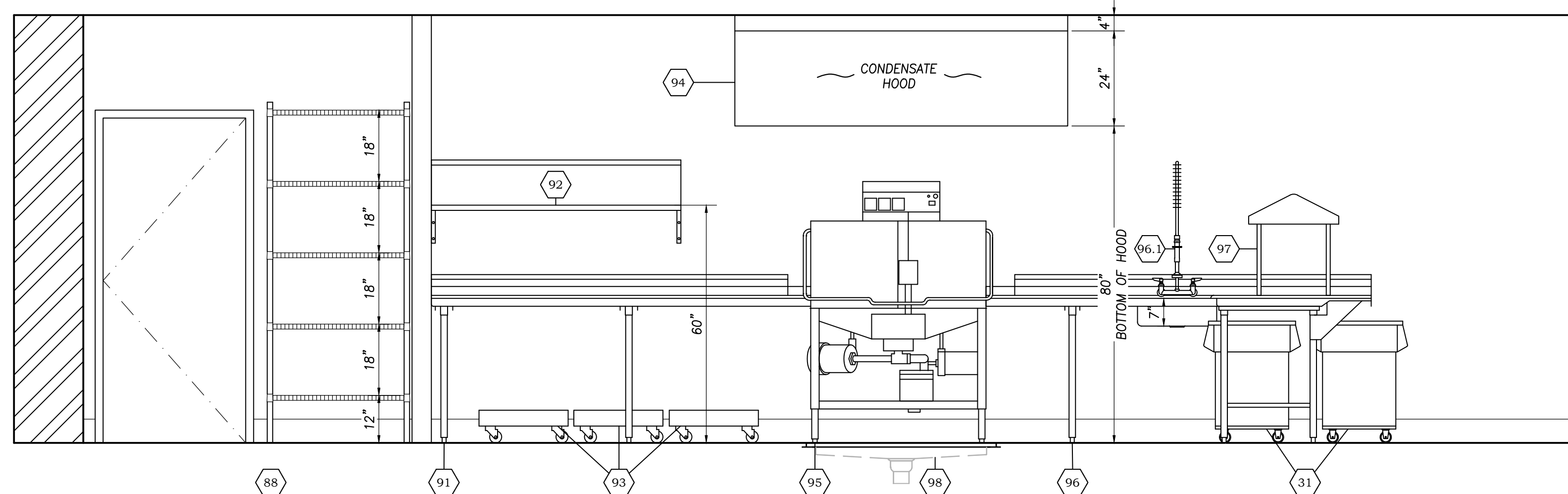
8 WALK-IN COOLER - 2
SCALE: 1/2" = 1'-0"



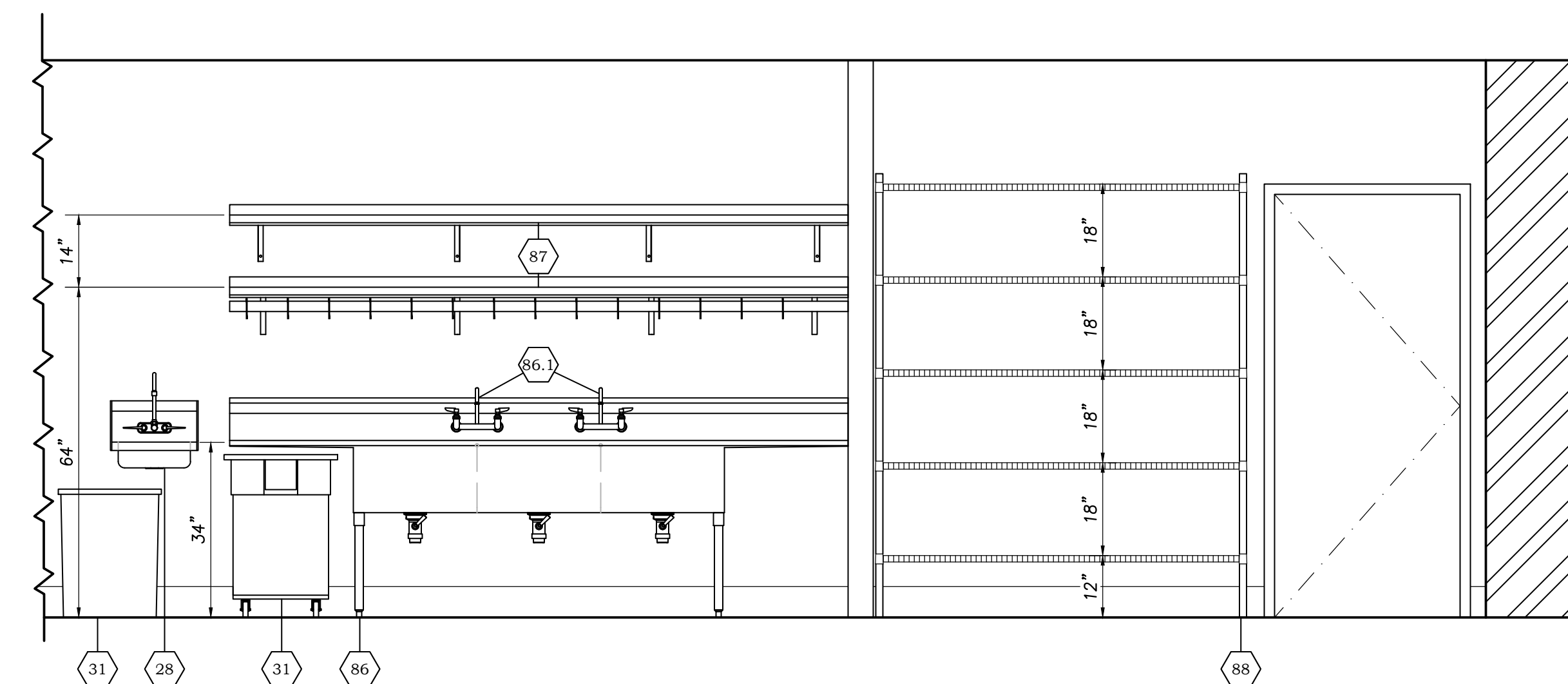
9 HAND SINK/WIRE SHELVING
SCALE: 1/2" = 1'-0"



10 SOILED DISH DROP
SCALE: 1/2" = 1'-0"



11 DISH STATION - 1
SCALE: 1/2" = 1'-0"



12 DISH STATION - 2
SCALE: 1/2" = 1'-0"

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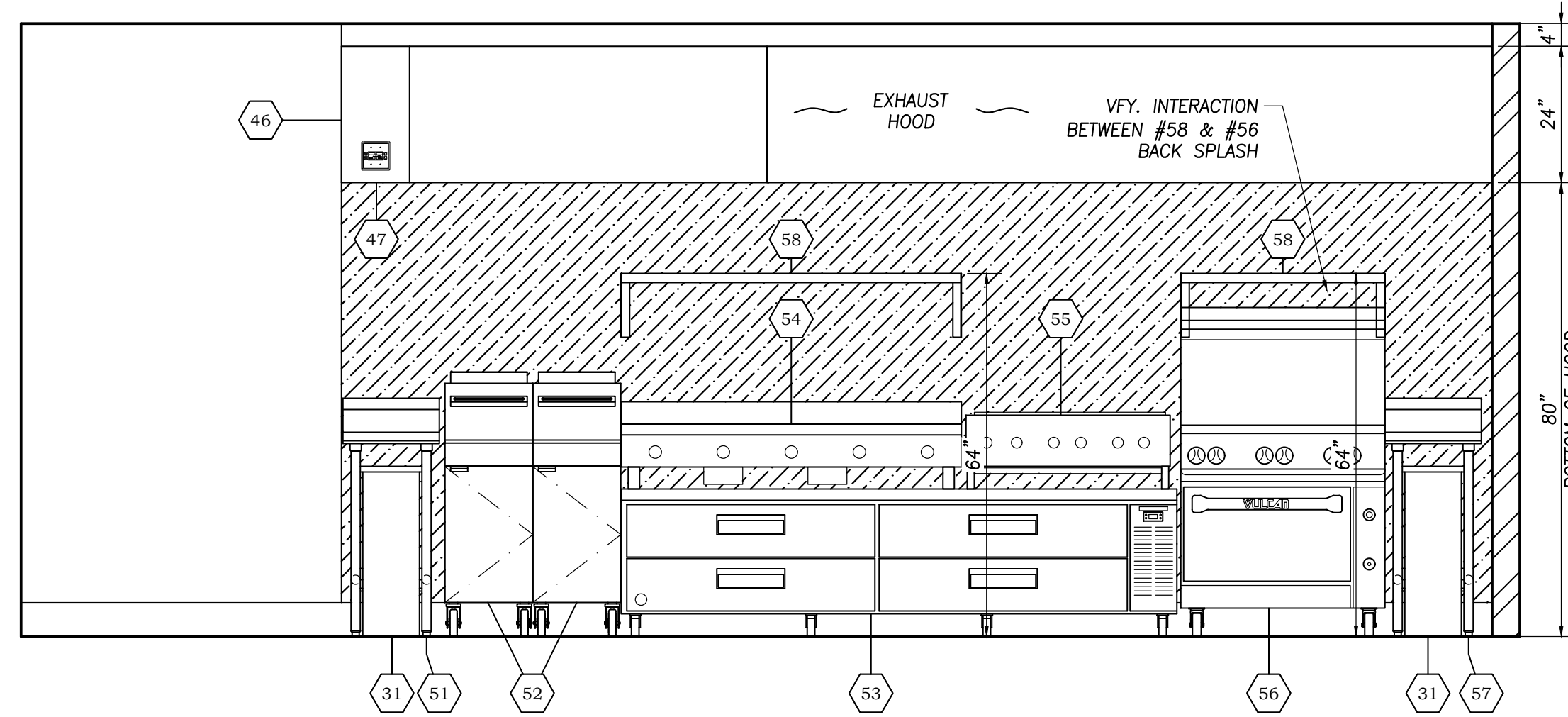
Equipment Elevations

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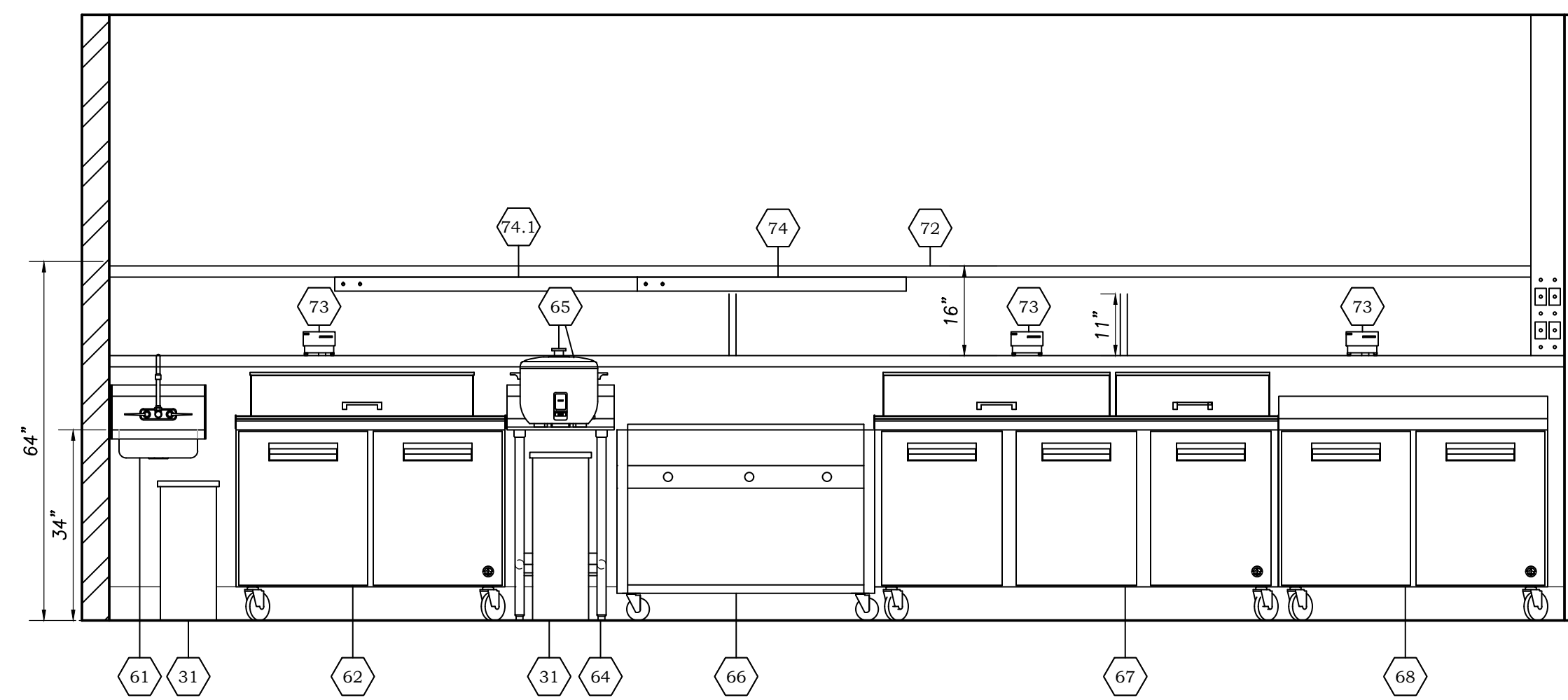
FS6.1

Drawn By	Checked By
KS	JVB

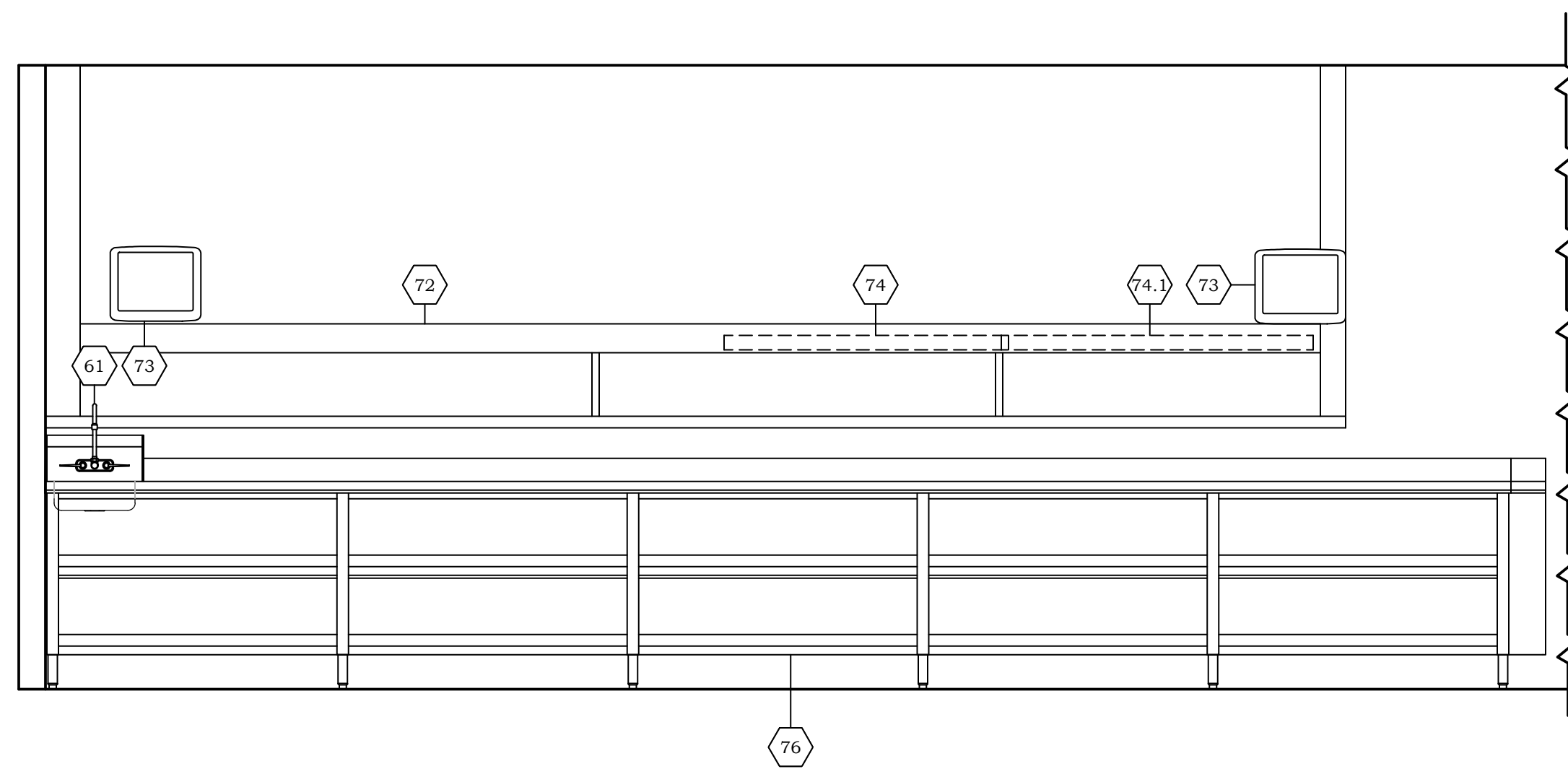
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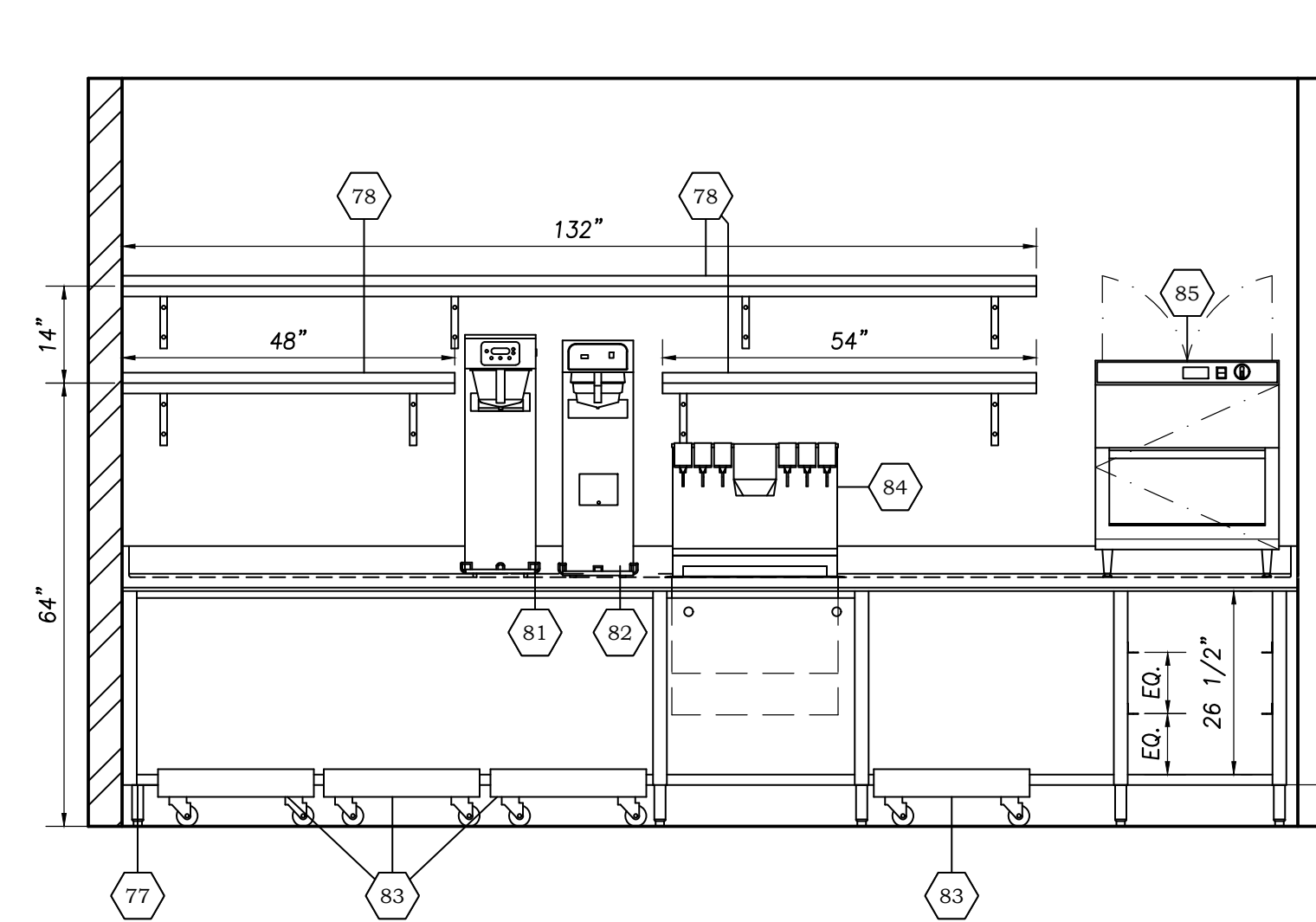
13 COOKLINE - 1
SCALE: 1/2" = 1'-0"



14 COOKLINE - 2
SCALE: 1/2" = 1'-0"

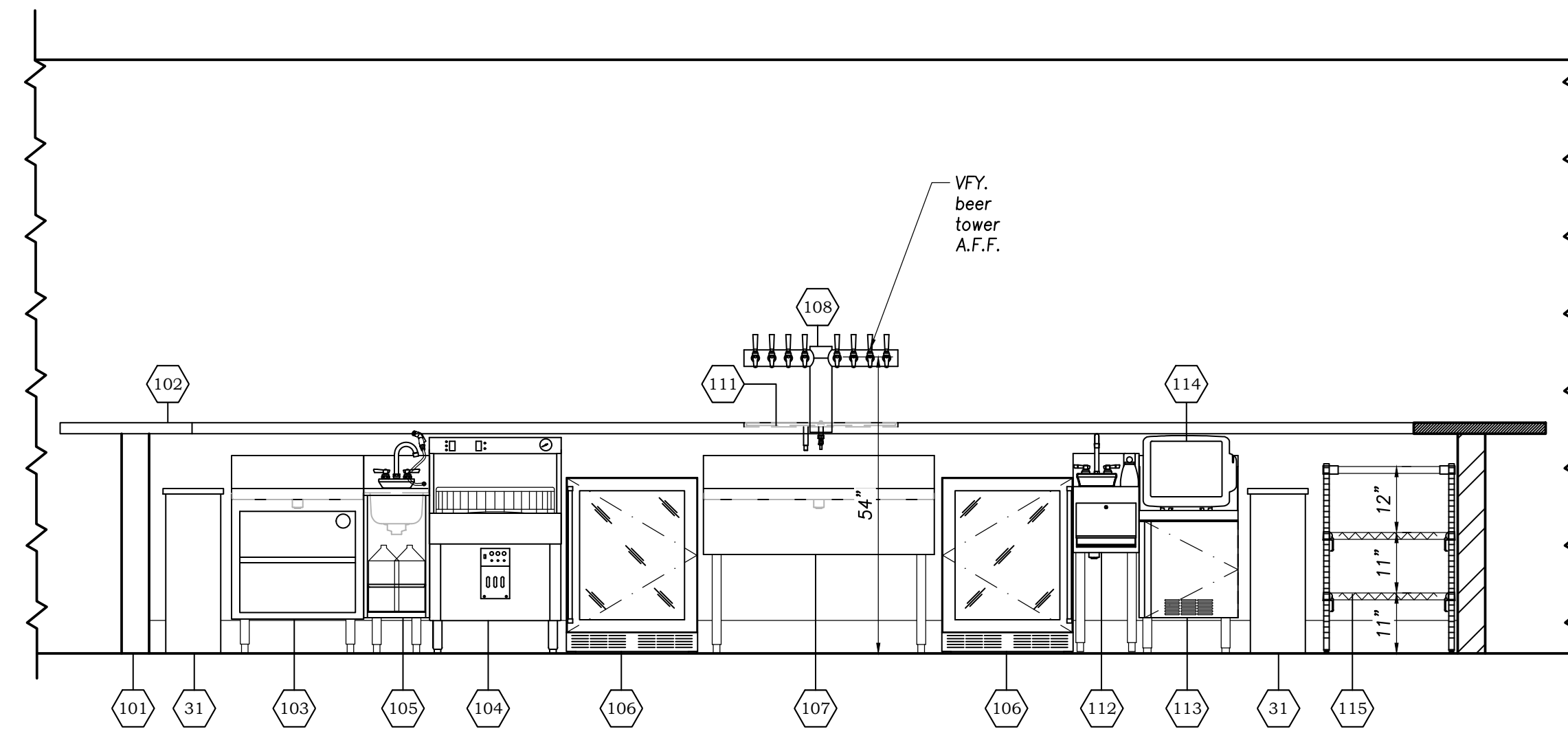


15 EXPO STATION
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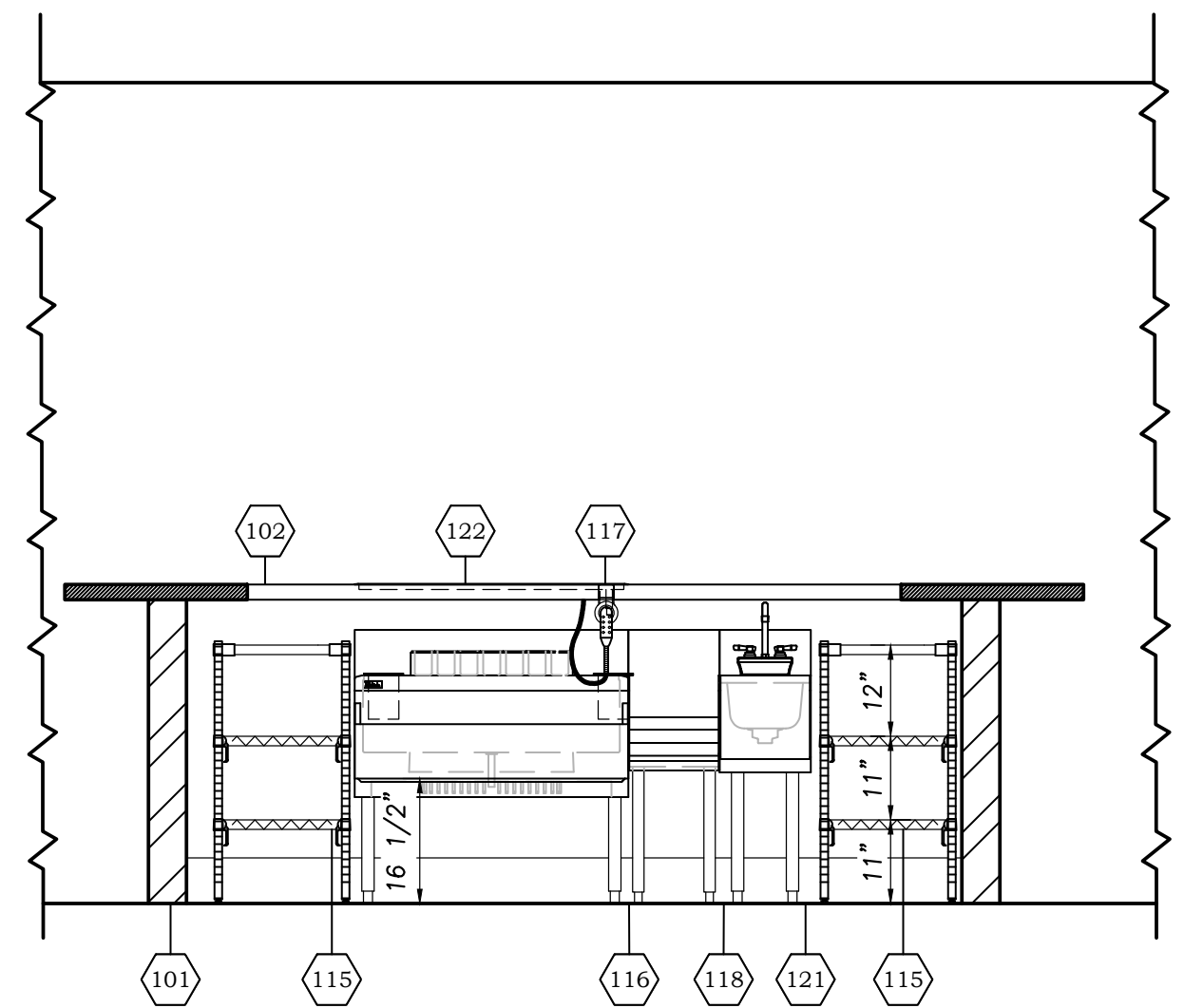


16 BEVERAGE/SERVICE STATION
SCALE: 1/2" = 1'-0"

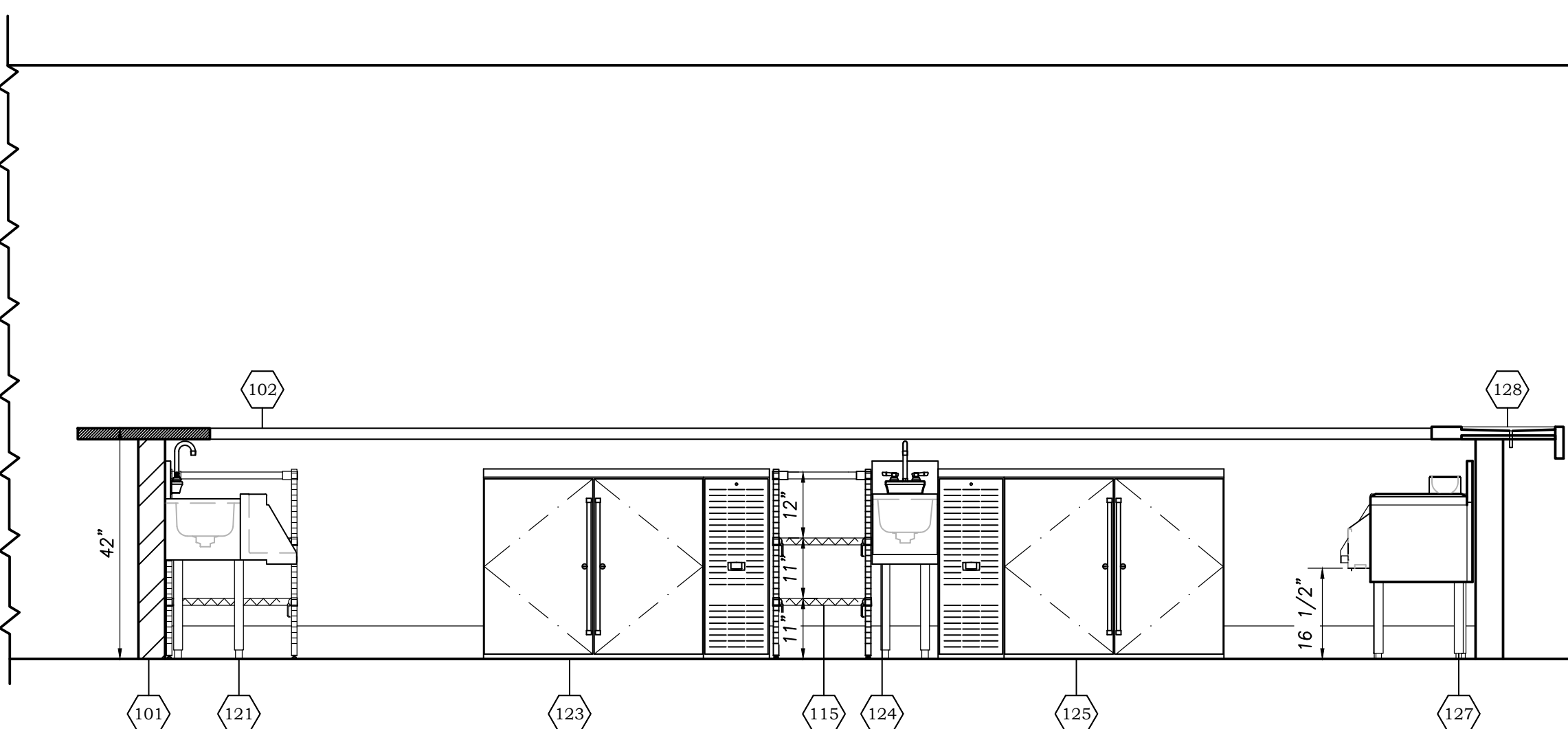
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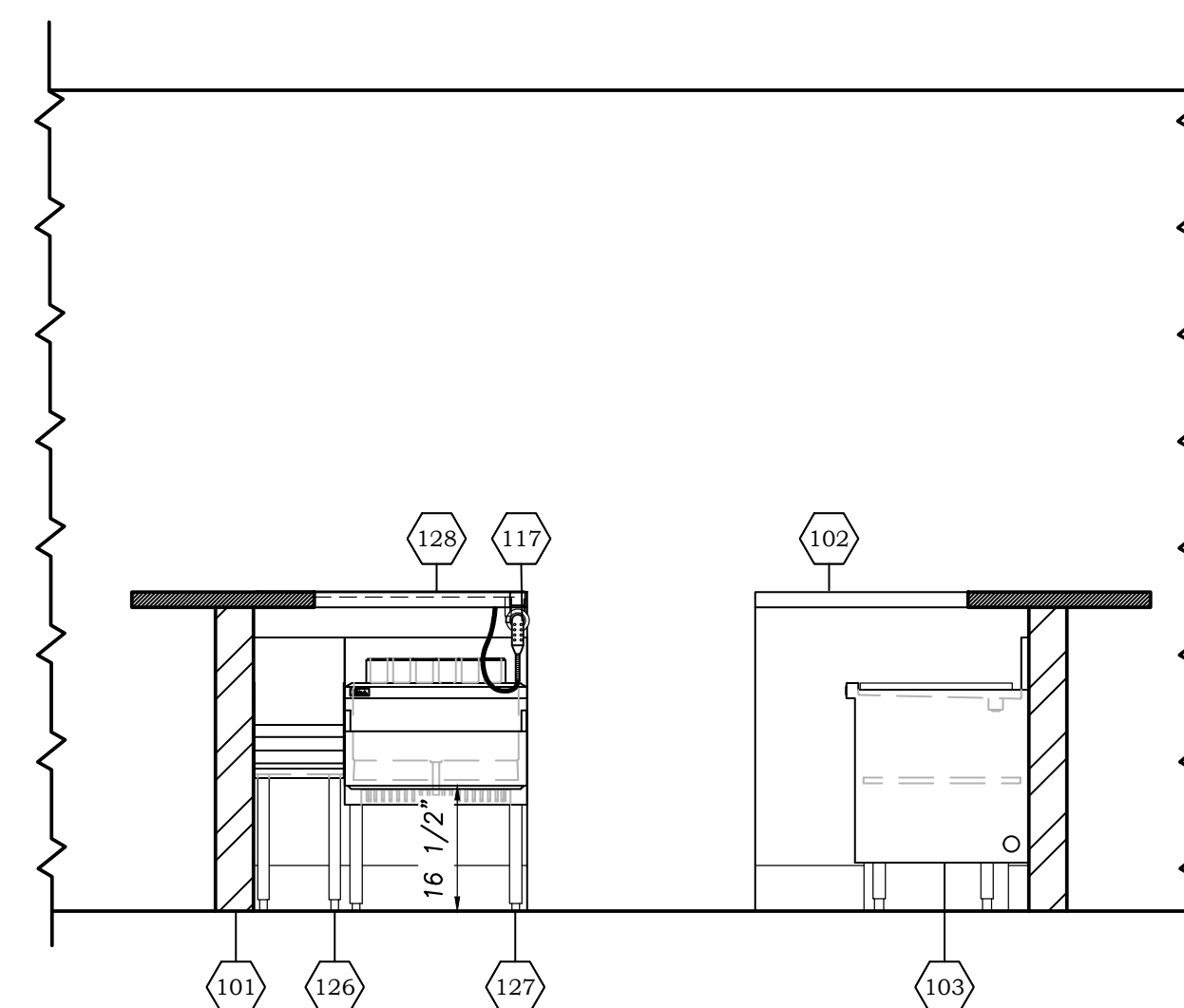
17 BAR - 1
SCALE: 1/2" = 1'-0"



18 BAR - 2
SCALE: 1/2" = 1'-0"



19 BAR - 3
SCALE: 1/2" = 1'-0"



20 BAR - 4
SCALE: 1/2" = 1'-0"

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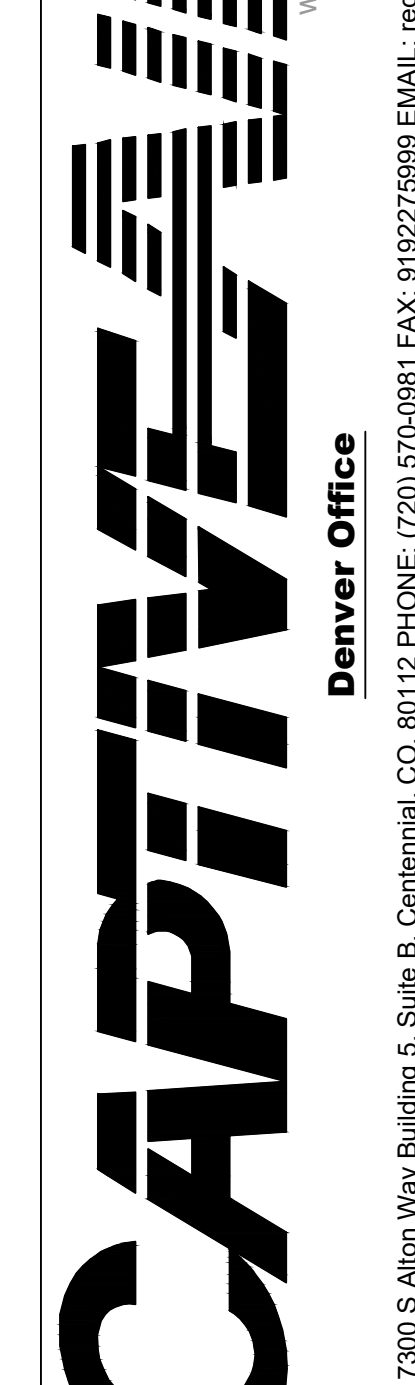
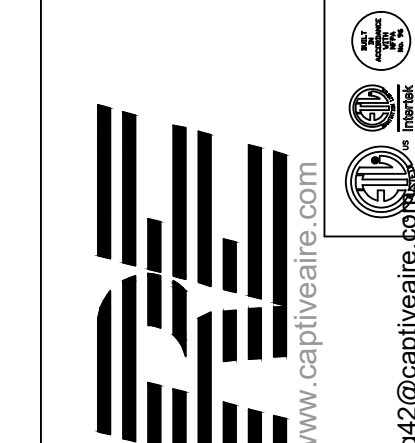
Equipment Elevations

Sheet Number:

FS6.3

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KS	JVB

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Teocalli - Longmont, CO
LONGMONT, CO, 80501

DATE: 7/14/2023
DWG.#: 6109066
DRAWN BY: RJC - 42
SCALE: 3/4" = 1'-0"
MASTER DRAWING
SHEET NO. 1

FOR QUESTIONS, CALL THE
Denver Office
REGION 42
PHONE: (720) 570-0981
EMAIL: reg42@captivair.com

HOOD INFORMATION - JOB#6109066

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)				TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG				
										WIDTH	LENG	HEIGHT	DIA			CFM	VEL	SP	END TO END	ROW
1	46-L	5424 ND-2-PSP-F	CAPTIVEAIRE	6' 3"	600 DEG	I	HEAVY	225	1406			4'	12'	1406	1790	-0.692'	1265	430 SS WHERE EXPOSED	LEFT	ALDNE
2	46-R	5424 ND-2-PSP-F	CAPTIVEAIRE	9' 7"	600 DEG	I	HEAVY	275	2635			4'	16'	2635	1887	-1.080'	1792	430 SS WHERE EXPOSED	RIGHT	ALDNE
3	94	4224 VHB-G-ND	CAPTIVEAIRE	7' 0"	700 DEG	II	N/A	200	1400			4'	14'	1400	1310	-0.173'	0	304 SS 100%	ALDNE	ALDNE

HOOD INFORMATION

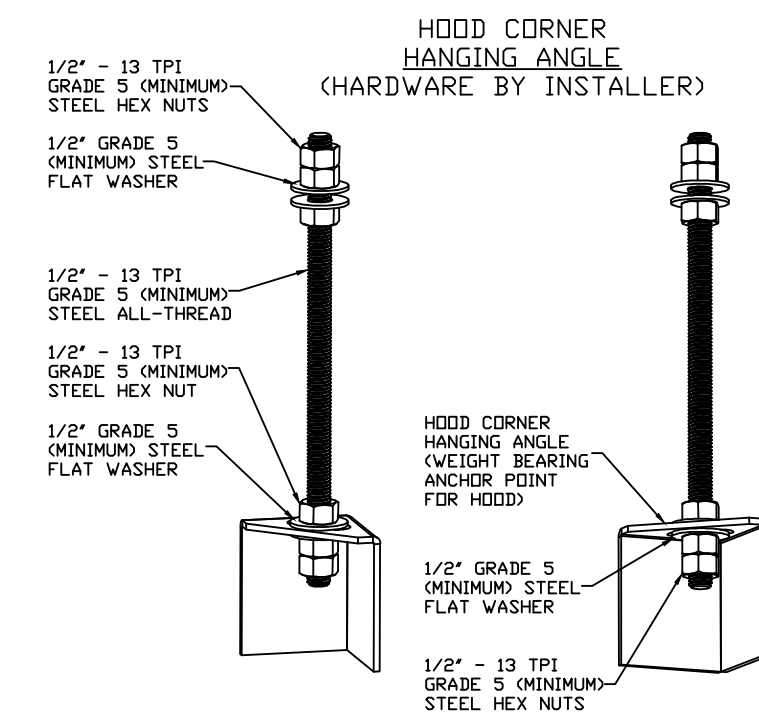
HOOD NO	TAG	TYPE	FILTER(S)				LIGHT(S)				UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WEIGHT	
			QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	TYPE	SIZE	ELECTRICAL			SWITCHES
1	46-L	CAPTRATE SOLO FILTER	4	20"	16"	85% SEE FILTER SPEC	2	RECESSED ROUND	NO	LEFT	12"x54"x24"	TANK FS	4.0/4.0/4.0	DCV-2111	1 LIGHT 1 FAN	YES	799 LBS
2	46-R	CAPTRATE SOLO FILTER	7	20"	16"	85% SEE FILTER SPEC	4	RECESSED ROUND	NO							YES	535 LBS
3	94						2	L55 SERIES E26	NO							NO	256 LBS

HOOD OPTIONS

HOOD NO	TAG	OPTION
1	46-L	FIELD WRAPPER 18.00" HIGH FRONT, LEFT. BACKSPLASH 122.00" HIGH X 203.00" LONG 430 SS VERTICAL. RISER SENSOR INSTALL 6IN PLEN.
2	46-R	FIELD WRAPPER 18.00" HIGH FRONT, RIGHT. RIGHT SIDESPLASH 122.00" HIGH X 72.00" LONG 430 SS VERTICAL. RIGHT END STANDOFF (FINISHED) 1" WIDE 54" LONG INSULATED. RISER SENSOR INSTALL 6IN PLEN.
3	94	FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT.

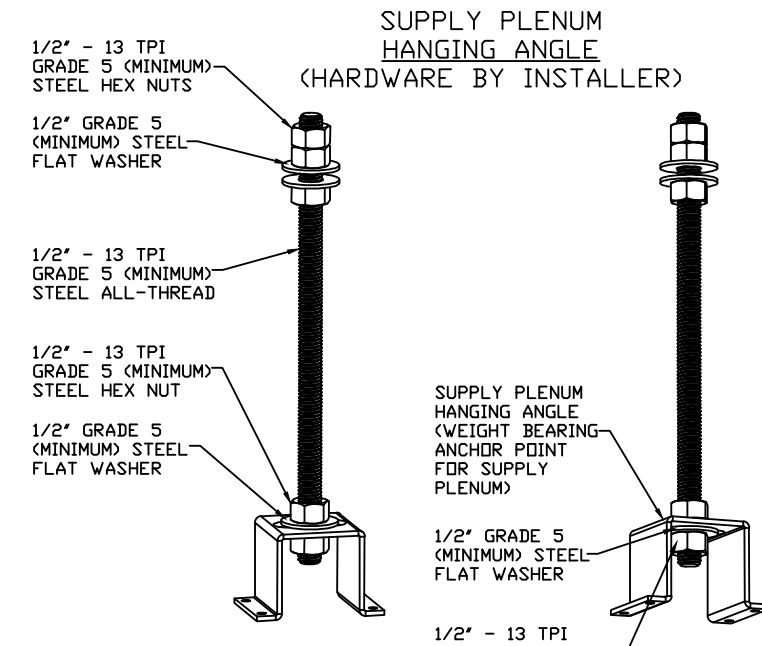
PERFORATED SUPPLY PLENUM(S)

HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
							WIDTH	LENG	DIA	CFM	SP
1	46-L	Front	87'	16'	6'	MUA	10"	24"		632	0.214'
						MUA	10"	24"		632	0.214'
2	46-R	Front	116'	16'	6'	MUA	12"	24"		597	0.160'
						MUA	12"	24"		597	0.160'



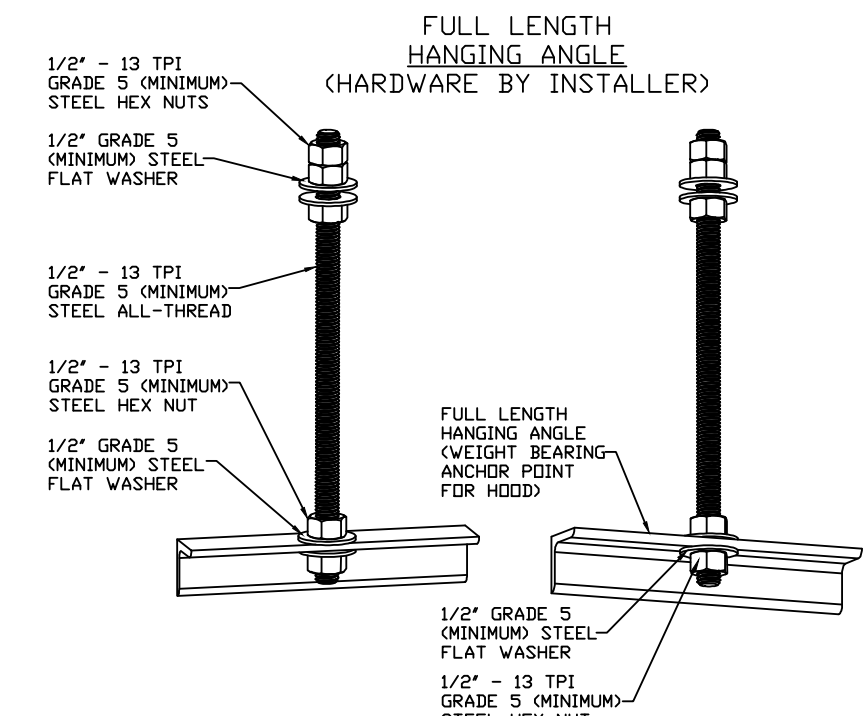
ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR FULL LENGTH HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

System Design Verification (SDV)

If ordered, CAS Service will perform a System Design Verification (SDV) once all equipment has had a complete start up per the Operation and Installation Manual. Typically, the SDV will be performed after all inspections are complete.

Any field related discrepancies that are discovered during the SDV will be brought to the attention of the general contractor and corresponding trades on site. These issues will be documented and forwarded to the appropriate sales office. If CAS Service has to resolve a discrepancy that is a field issue, the general contractor will be notified and billed for the work. Should a return trip be required due to any field related discrepancy that cannot be resolved during the SDV, there will be additional trip charges.

During the SDV, CAS Service will address any discrepancy that is the fault of the manufacturer. Should a return trip be required, the general contractor and appropriate sales office will be notified. There will be no additional charges for manufacturer discrepancies.

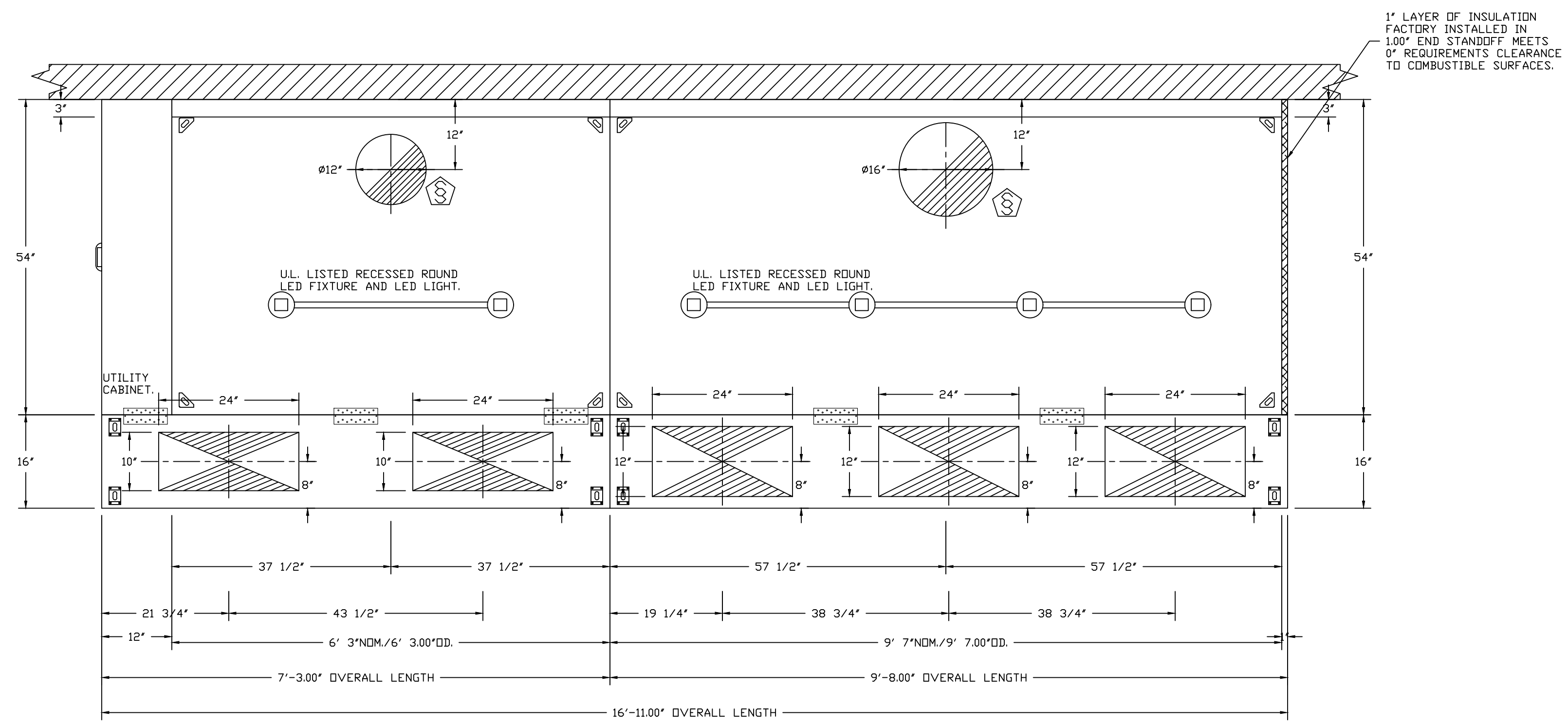
Hoods are ETL Listed And Complies with UL710, ULC710, and ULC-S646 Standards. Fire Systems ETL Listed and Complies With UL300 and Meets requirements of NFPA 96 and NFPA 17A

***** NOTE *****
ALL WALLS AND STRUCTURES THAT COME WITHIN 18' OF HOOD MUST BE METAL STUDS AND SHEETROCK. WOOD STUDS OR ANY OTHER COMBUSTIBLE MATERIAL WITHIN 18' OF HOOD NOT ALLOWED

***** NOTE *****
HOOD MANUFACTURER RECOMMENDS NO RETURNS OR 4-WAY DIFFUSERS WITHIN 10 FEET OF HOOD IN ALL DIRECTIONS.

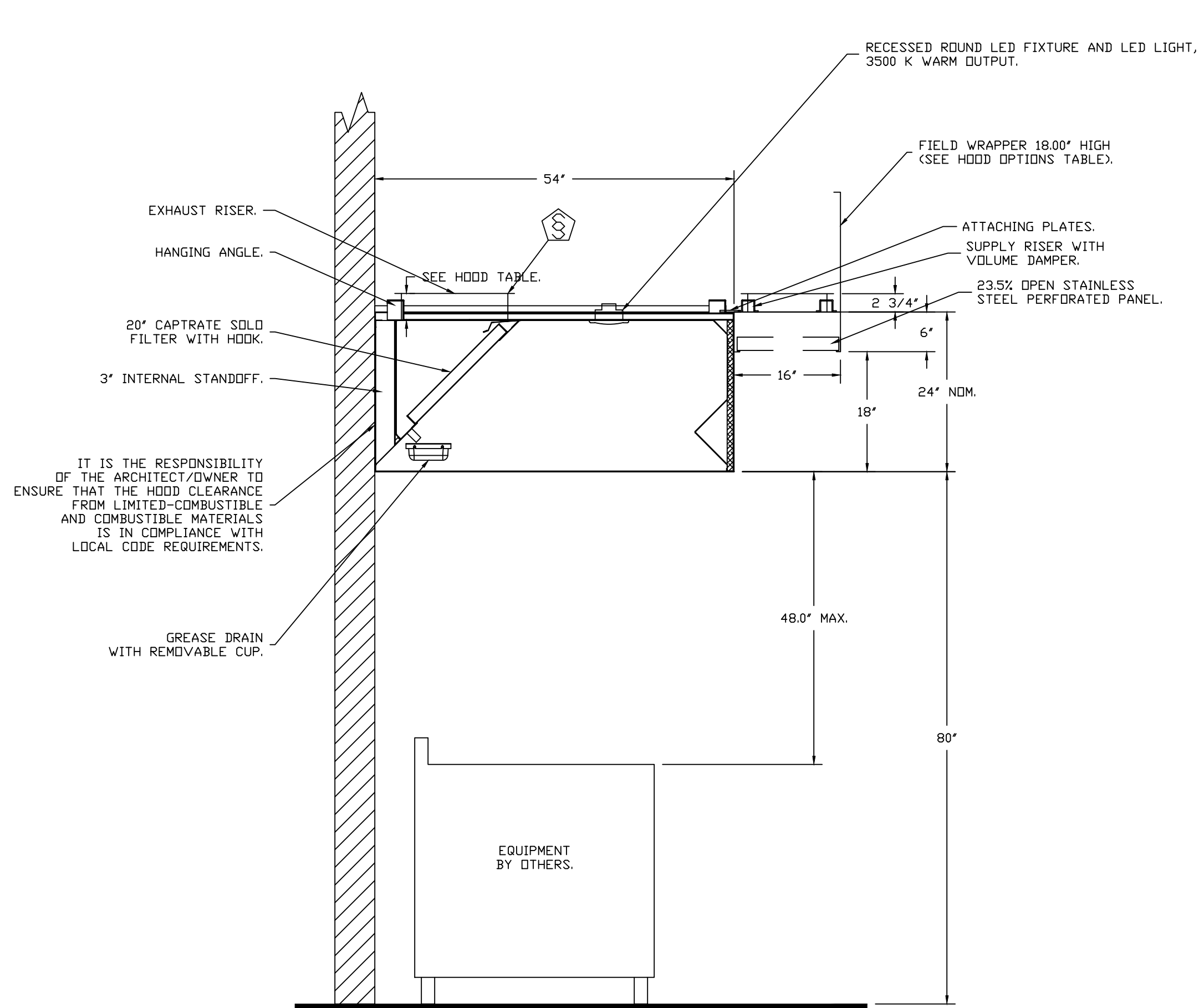
***** NOTE *****
MAKE-UP AIR SHALL BE DELIVERED INTO SPACE IN MANNER THAT WILL NOT DISRUPT HOODS ABILITY TO CAPTURE AND CONTAIN.

W. WEST EQUIPMENT 9/22/2023 10:51 AM. PLOTTED BY: JEFF VAN BENSCHÖTEN

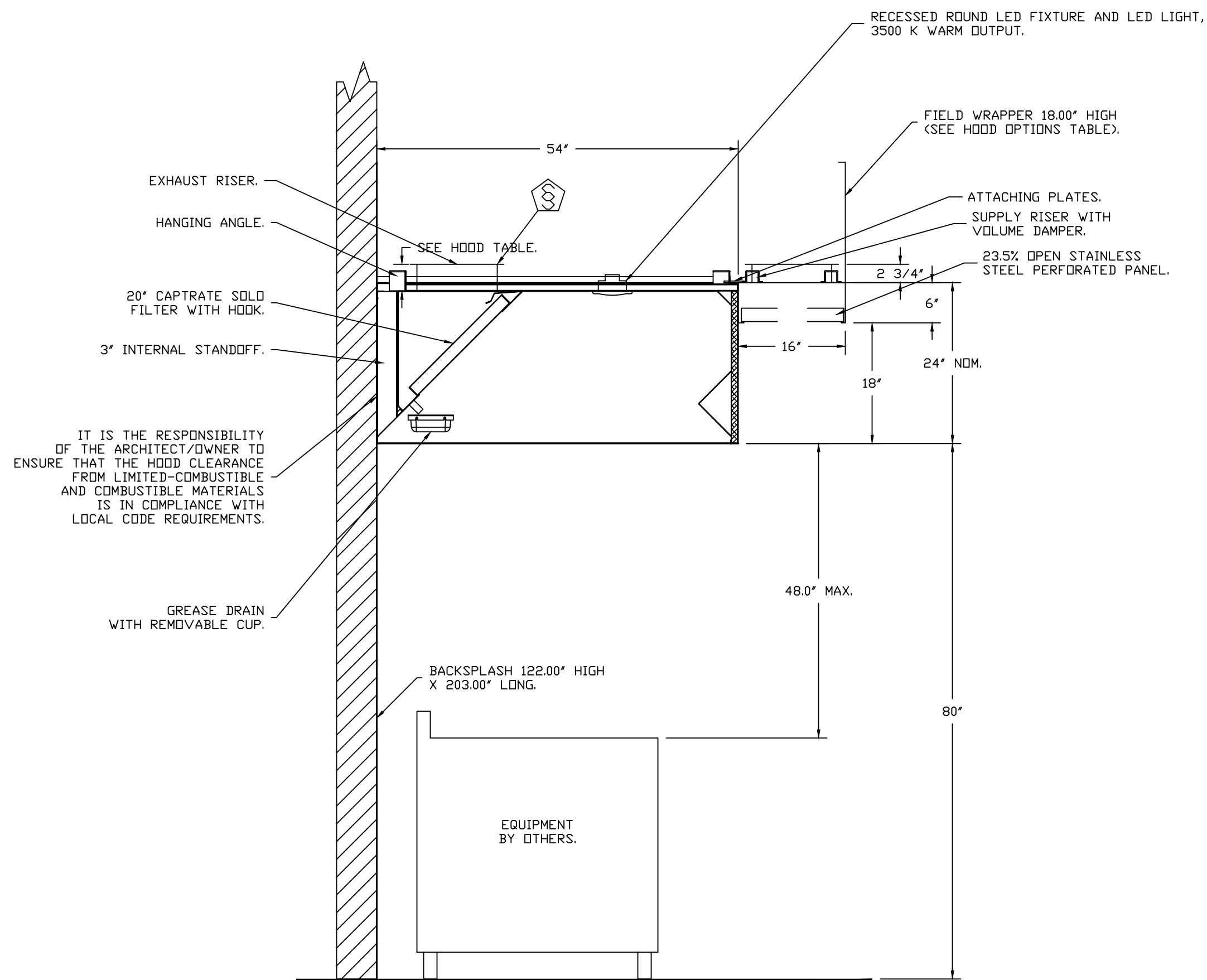


PLAN VIEW - HOOD #1 (46-L)
6' 3.00" LONG 5424ND-2-PSP-F

PLAN VIEW - HOOD #2 (46-R)
9' 7.00" LONG 5424ND-2-PSP-F

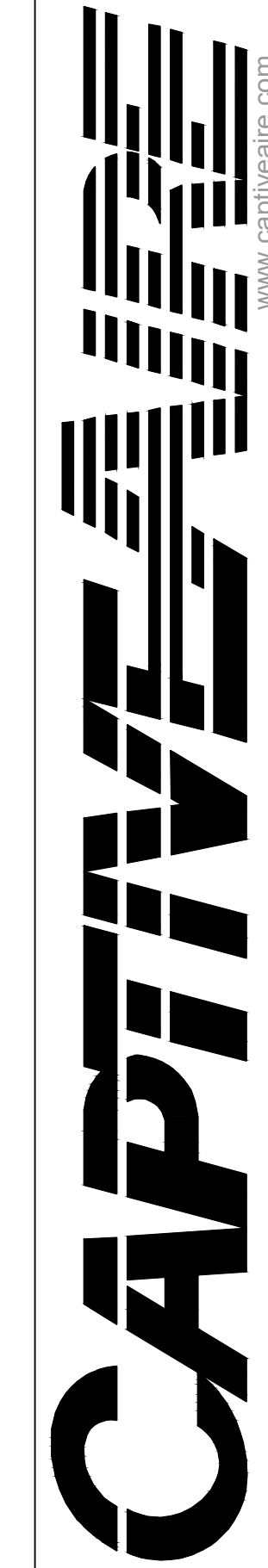


SECTION VIEW - MODEL 5424ND-2-PSP-F
HOOD - #2 (46-R)



SECTION VIEW - MODEL 5424ND-2-PSP-F
HOOD - #1 (46-L)

REVISIONS	
DESCRIPTION	DATE



7300 S Alton Way Building 5, Suite B, Centennial, CO, 80112 PHONE: (720) 570-0981 FAX: 9192275999 EMAIL: reg@captiveware.com
www.captiveware.com

Teocalli - Longmont, CO
LONGMONT, CO, 80501
DATE: 7/14/2023
DWG.#: 6109066
DRAWN BY: RJC - 42
SCALE: 3/4" = 1'-0"
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SHEET NO.
2



Food Service Design/Planning

Stacy Jackson
Project Manager
9355 Northfield Blvd.
Denver, CO 80238
Phone: 303.289.9378
Fax: 303.289.9505

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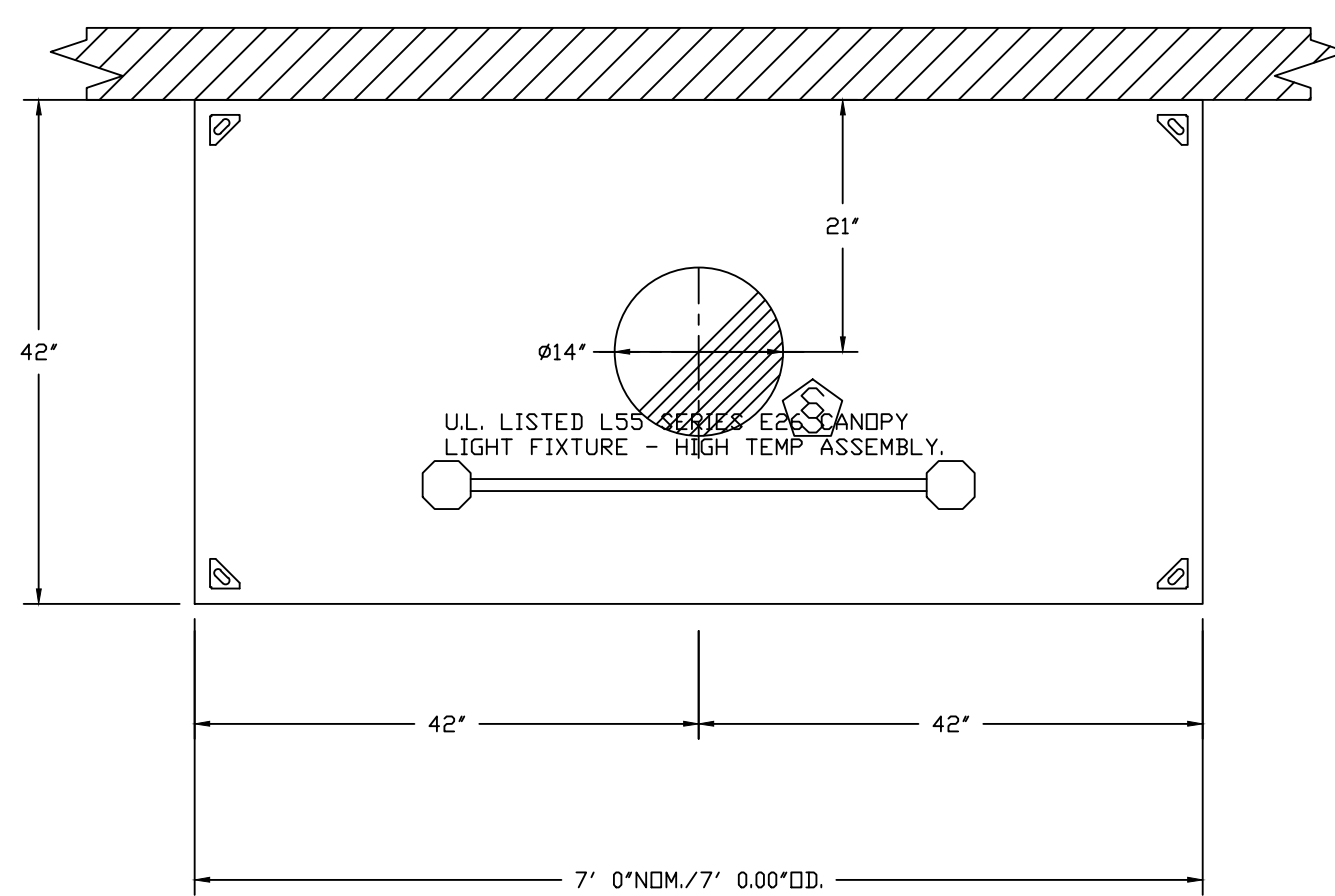
Revisions:

Sheet Name:
Kitchen Hood Shop Drawings

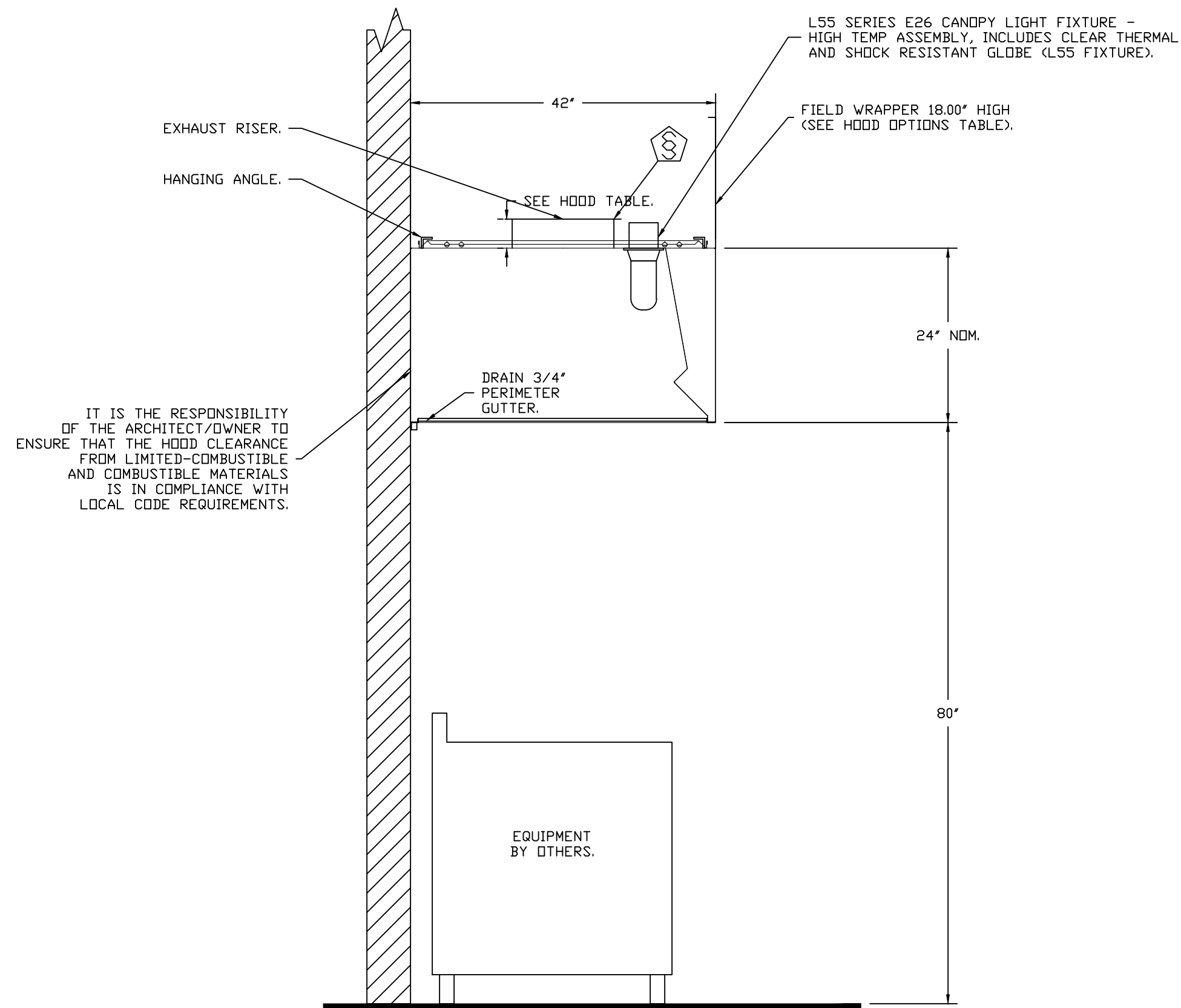
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KS	JVB



PLAN VIEW - HOOD #3 (94)
7'-0.00" LONG 4224VHB-G-ND



SECTION VIEW - MODEL 4224VHB-G-ND
HOOD - #3 (94)

IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE AND COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS.

REVISIONS	
DESCRIPTION	DATE

CAPTIVE
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Denver Office
7300 S Alton Way Building 5, Suite B, Centennial, CO 80112 PHONE: (720) 570-0981 FAX: 9192275999 EMAIL: reg@2@captiveaire.com

Teocalli - Longmont, CO
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DWG.#:
6109066

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SCALE:
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MASTER DRAWING

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Sheet Name:

Kitchen Hood
Shop Drawings

Sheet Number:

FS7.2

Drawn By	Checked By
KS	JVB

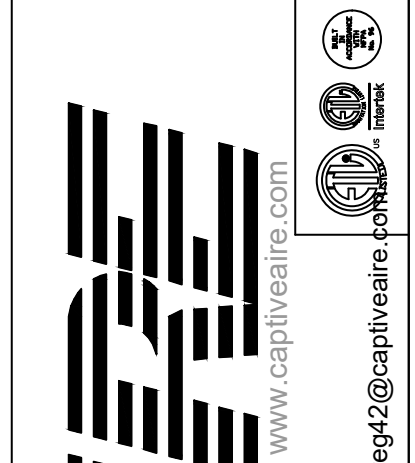
FIRE SYSTEM INFORMATION - JOB#6109066

FIRE SYSTEM NO	TAG	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1	47	TANK FS	4.0/4.0/4.0	54	FIRE CABINET LEFT	LEFT, HOOD 1

GAS VALVE(S)

FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY
1	47	SC ELECTRICAL	2.000	CAPTIVEAIRE SYSTEMS

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 SCALE: 1/2" = 1'-0"
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SHEET NO. 4

W. WEST
 Equipment & Furnishings Co.

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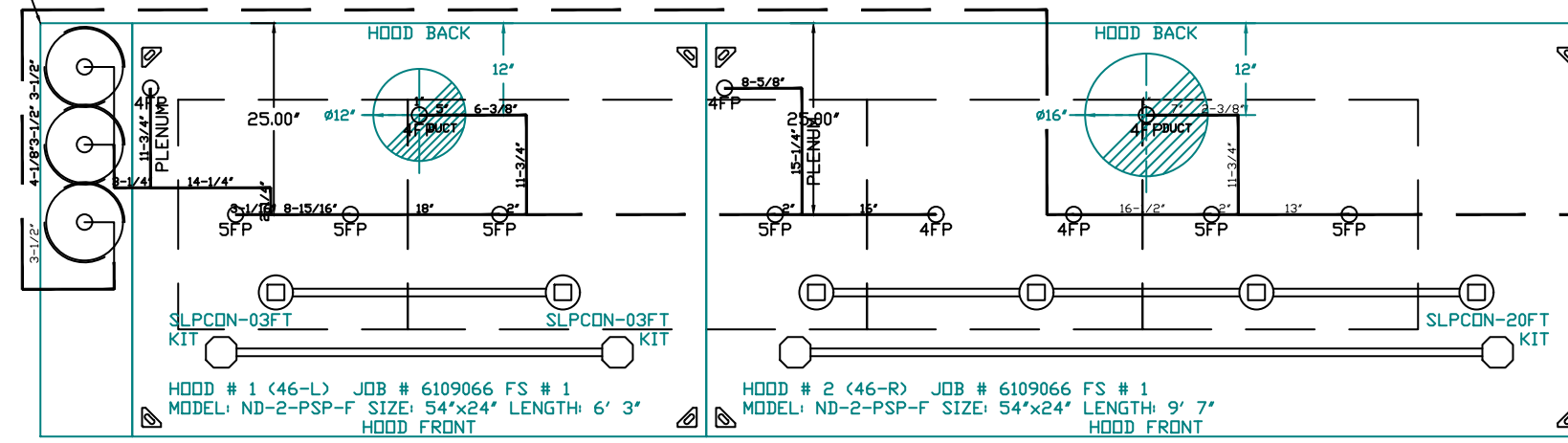
Revisions:

Sheet Name: Kitchen Hood Shop Drawings

Sheet Number: FS7.3

Drawn By: KS
 Checked By: JVB

SYSTEM REQUIRES A MINIMUM OF 7 FT OF EQUIVALENT PIPE LENGTH BETWEEN TANK AND NEAREST APPLIANCE NOZZLE FOR MOST APPLIANCES. EACH 90 DEGREE ELBOW ADDS 1.5 FT OF EQUIVALENT LENGTH. SEE MANUAL FOR DETAILS.



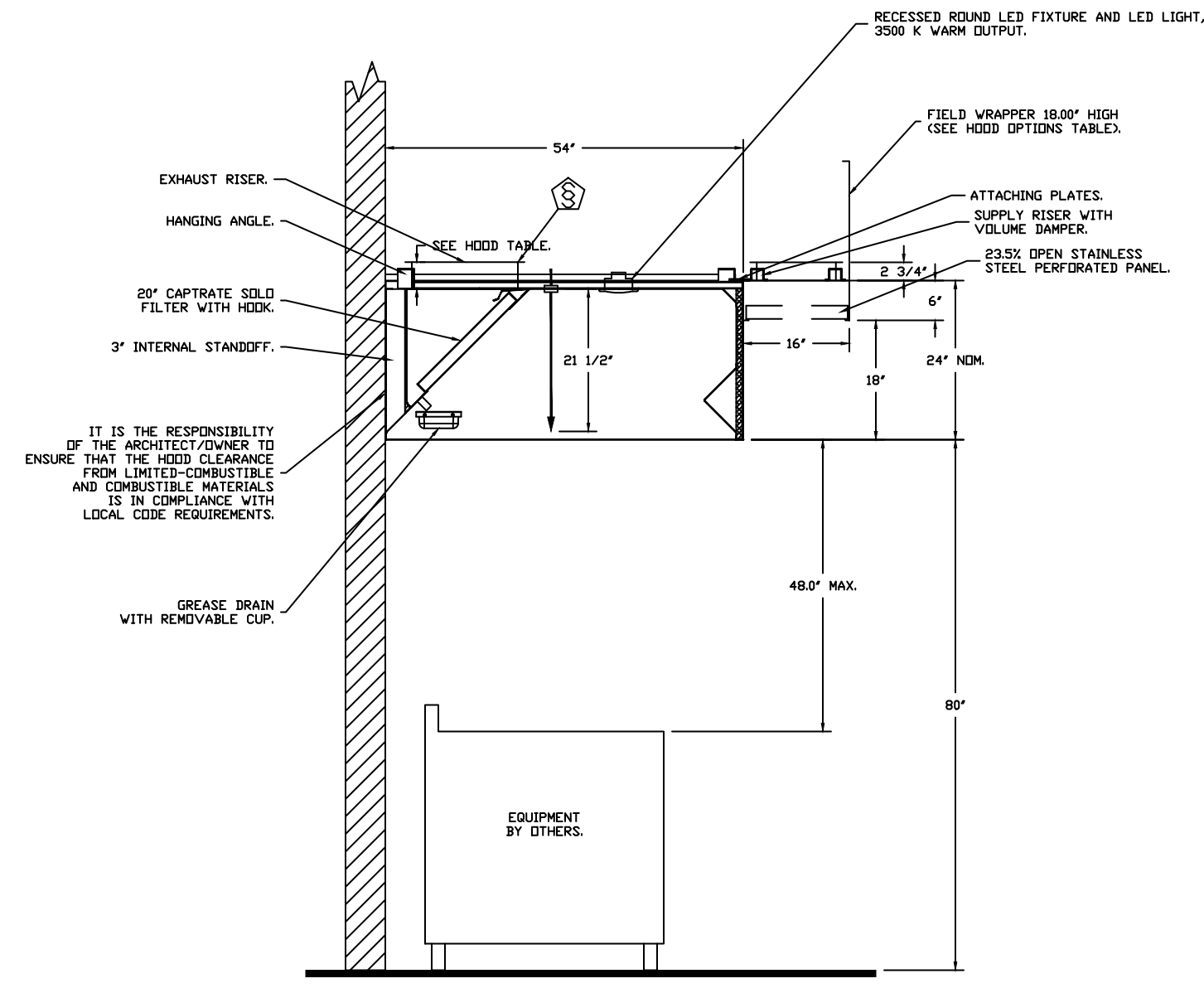
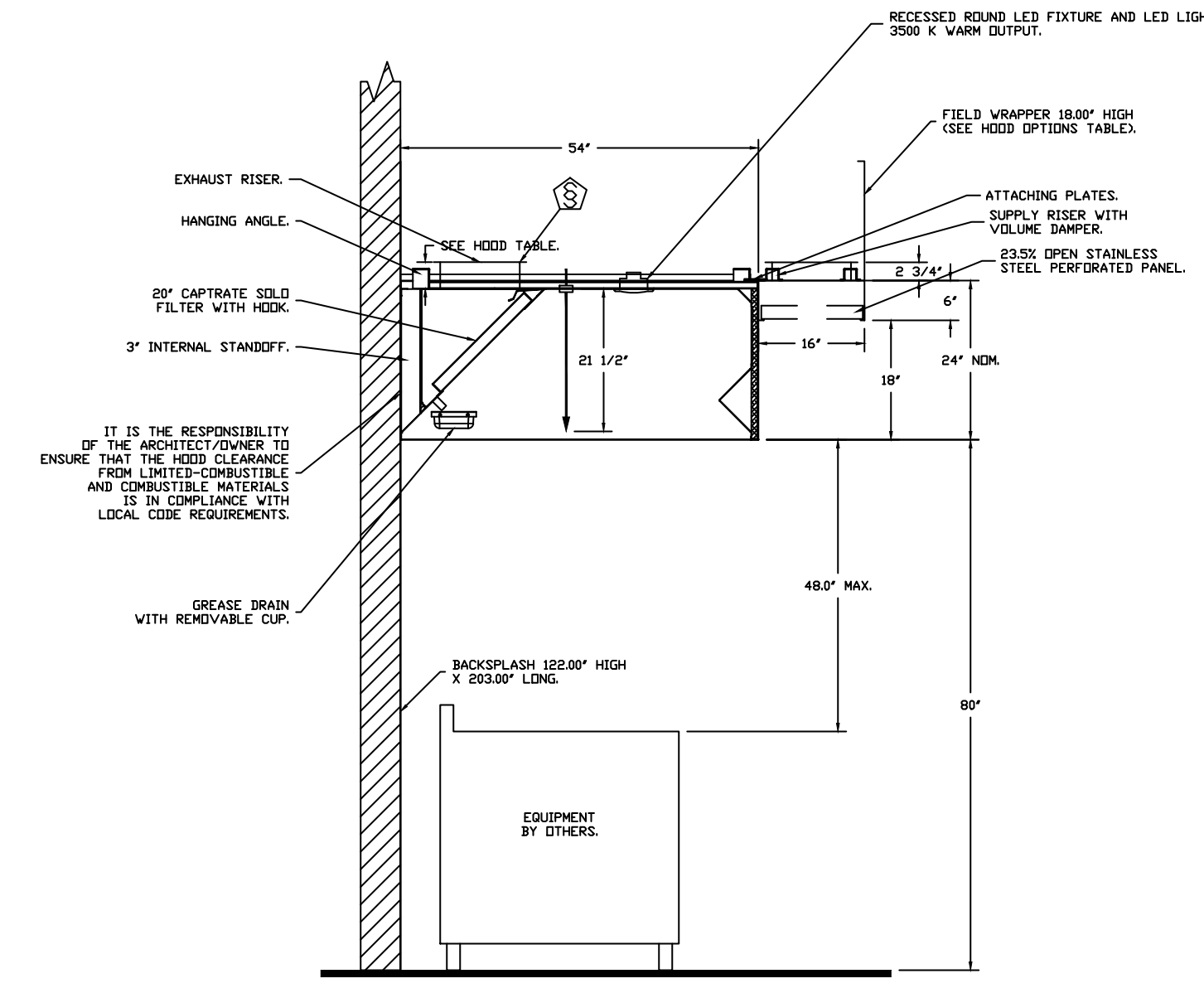
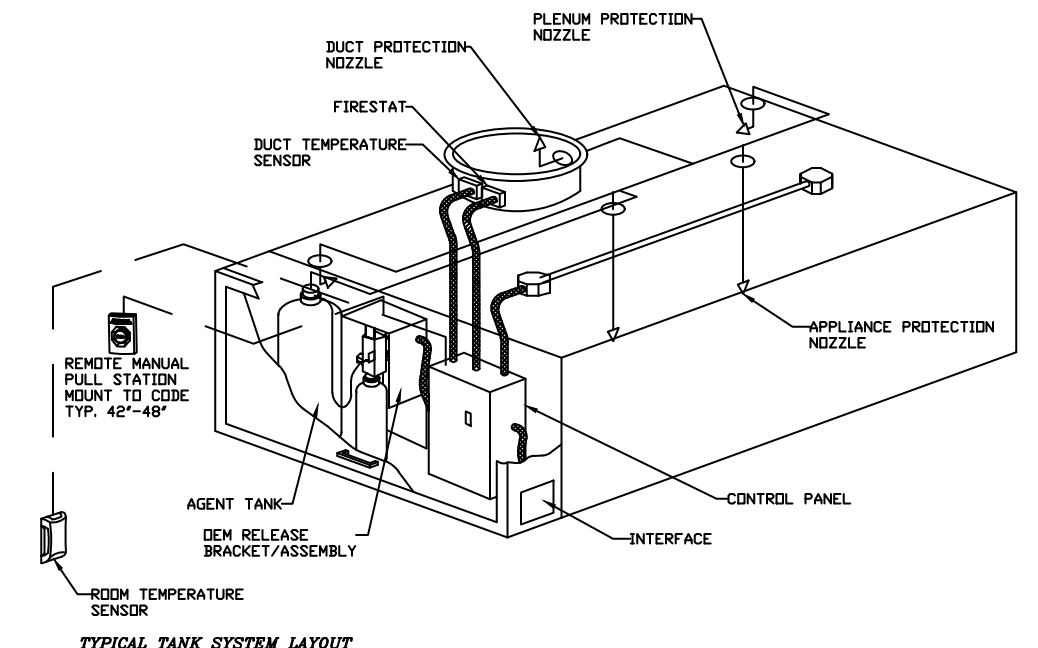
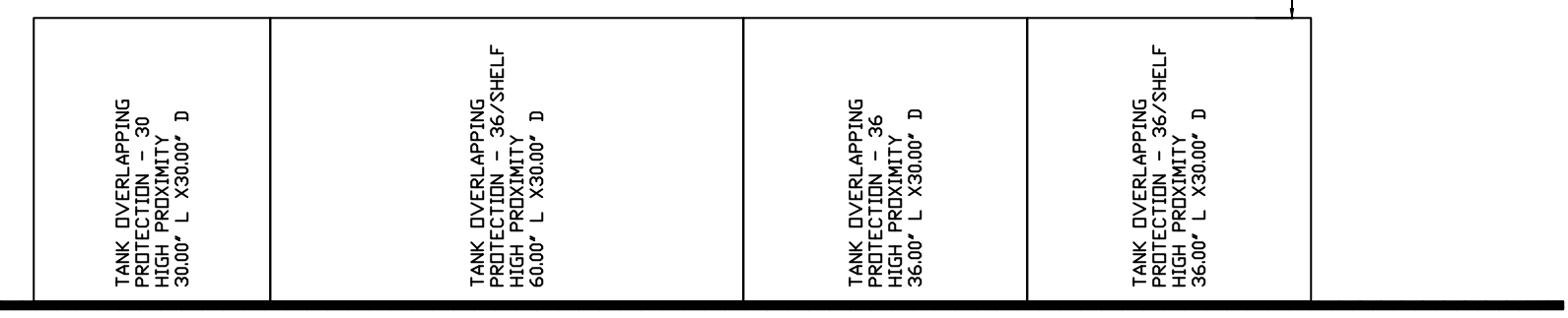
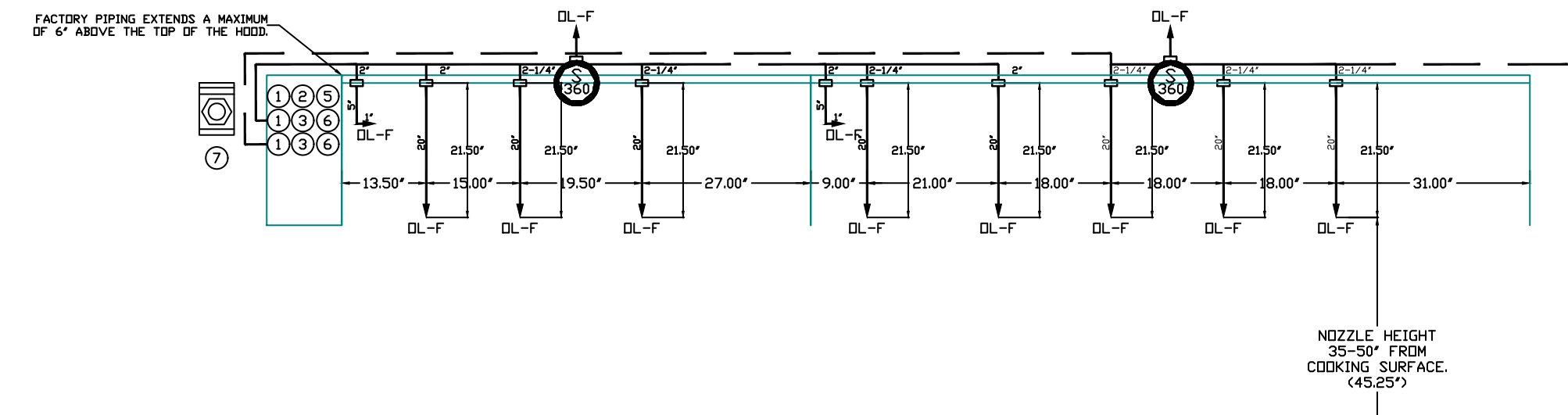
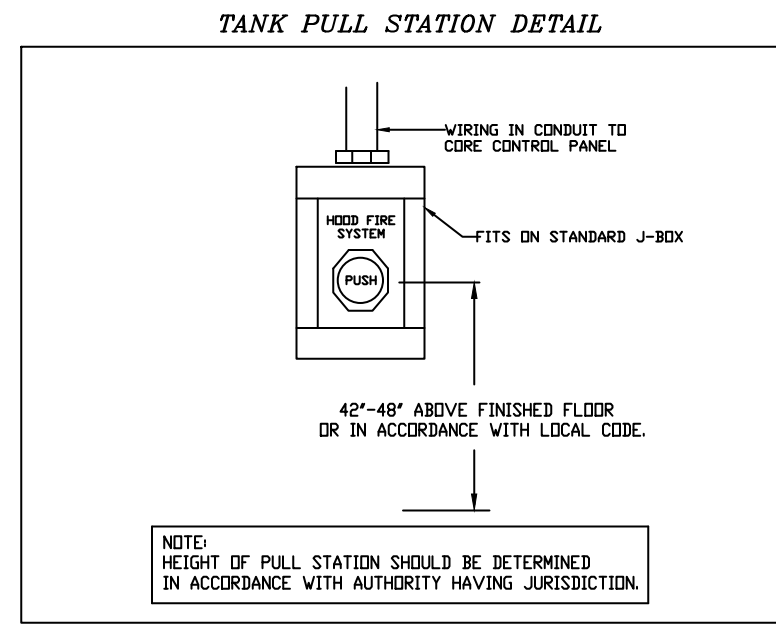
- NOTES**
- FIELD PIPE DROPS AS SHOWN
 - PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
 - FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 2 60IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
 - SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED SHIPPED LOOSE TO BE FIELD-INSTALLED.
 - RELOCATE NOZZLES IF FLDW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
 - OVERLAPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
 - IF APPLICABLE, EXTENDED PRE-PIPED DROPS ARE SHIPPED LOOSE.
 - FACTORY PIPING EXTENDS A MAXIMUM OF 6' ABOVE THE TOP OF THE HOOD.
 - APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
 - THIS FIRE SYSTEM COMPLIES WITH UL 300 REQUIREMENTS.
 - DL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

JOB #: 6109066
 JOB NAME: TEOCALLI - LONGMONT, CO.

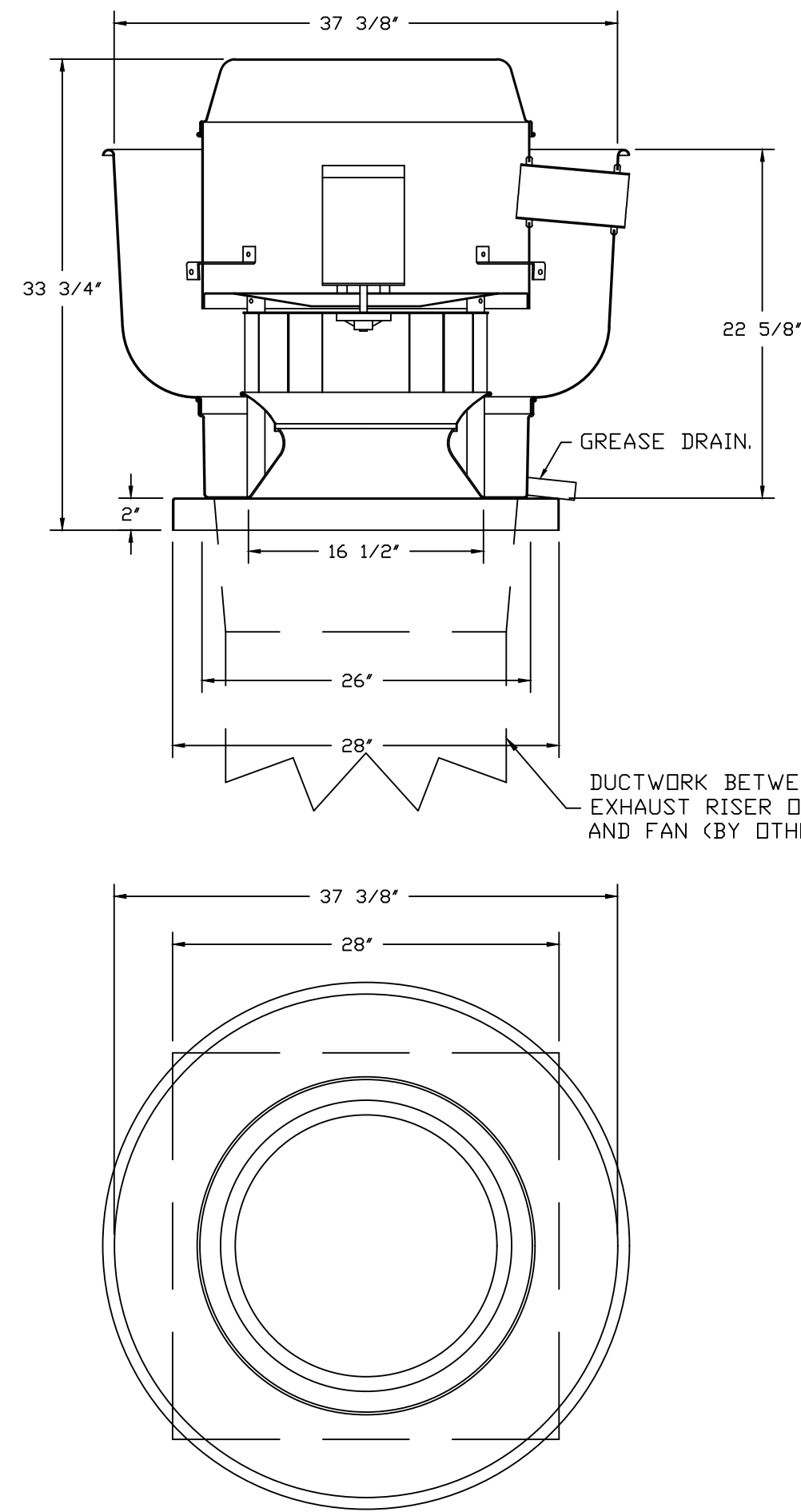
SYSTEM SIZE: TANK-SP-3 TOTAL FP REQUIRED: 54.
 HOOD # 1 6' 3.00" LONG x 54" WIDE x 24" HIGH.
 RISER # 1 SIZE: 1 1/2" DIA.
 HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.
 HOOD # 2 9' 7.00" LONG x 54" WIDE x 24" HIGH.
 RISER # 1 SIZE: 1 1/2" DIA.
 HOOD # 2 METAL BLOW-OFF CAPS INCLUDED.

- HEAVY-DUTY APPLIANCES (RATED 600°F) WILL REQUIRE AN ADDITIONAL DOWNSTREAM FIRESTAT IN THE EVENT THAT THE DUCTWORK CONTAINS ANY HORIZONTAL RUNS OVER 25 FT IN LENGTH.
 - MEDIUM TO LIGHT-DUTY APPLIANCES (RATED 450°F) WILL NOT REQUIRE ANY ADDITIONAL DOWNSTREAM DETECTION.

- LEGEND - FIRE CABINET TANK SYSTEM**
- 4 GALLON TANK.
 - PRIMARY ACTUATOR RELEASE.
 - SECONDARY ACTUATOR RELEASE.
 - PRESSURE SUPERVISION SWITCH.
 - PRIMARY HOSE ASSEMBLY.
 - SECONDARY HOSE ASSEMBLY.
 - REMOTE MANUAL ACTUATION DEVICE.



FAN #2 DU80HFA - EXHAUST FAN (KEF-2)



FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTRL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

NORMAL TEMPERATURE TEST

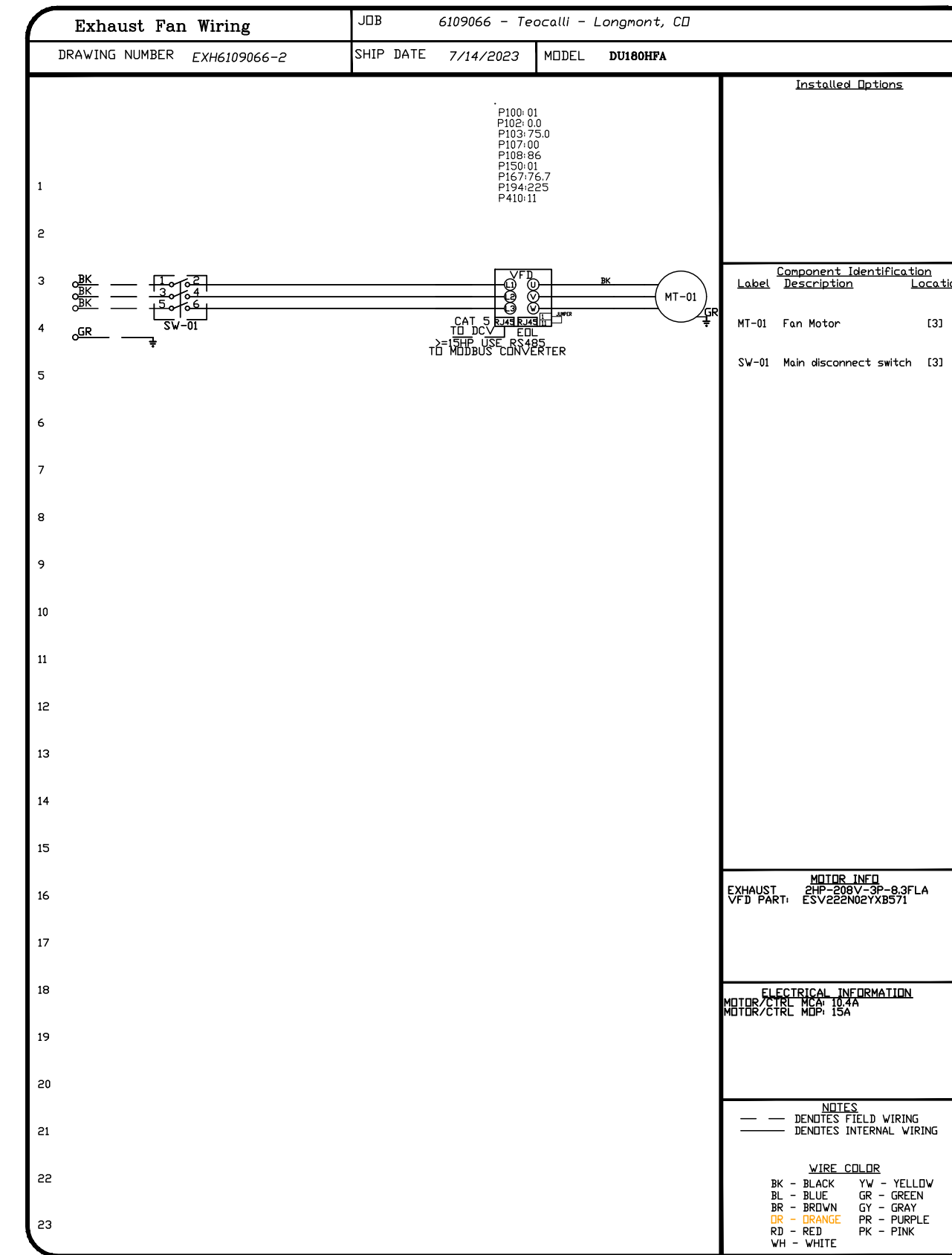
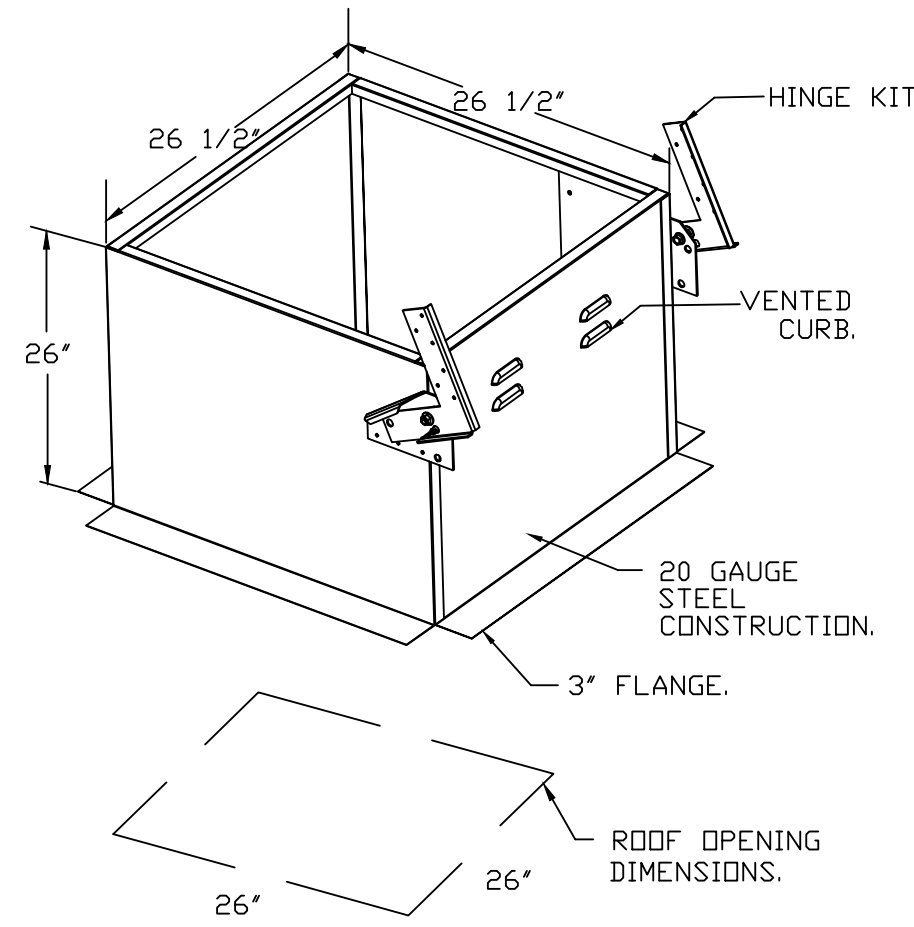
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS

- GREASE BOX.
- FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS.
- ROOF MOUNTED VFD FOR USE WITH ECPM03.
- VFD MOUNTING BRACKET FOR DU/DR 180
- EXHAUST FAN HEAT BAFFLE.
- 2 YEAR PARTS WARRANTY.



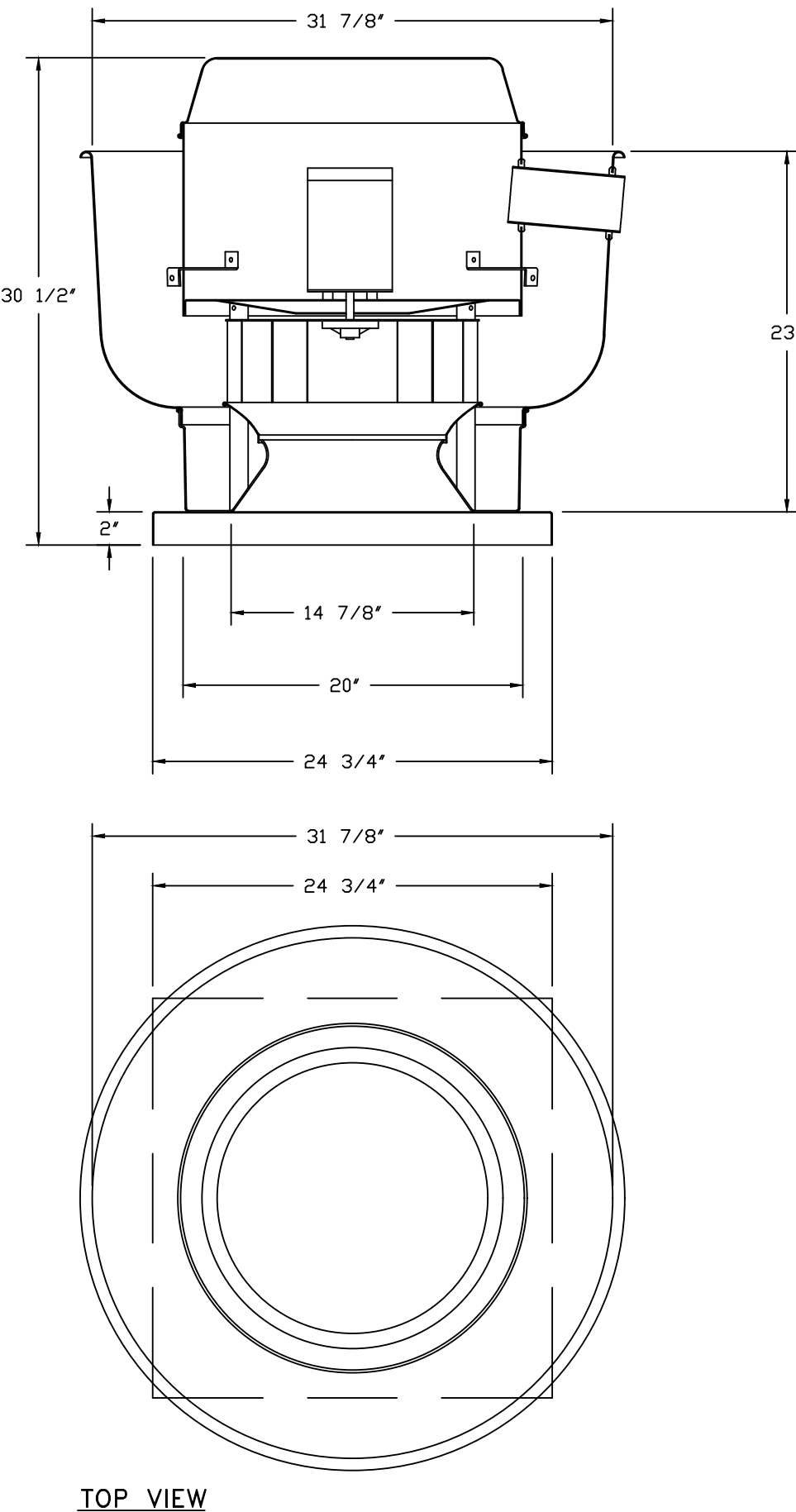
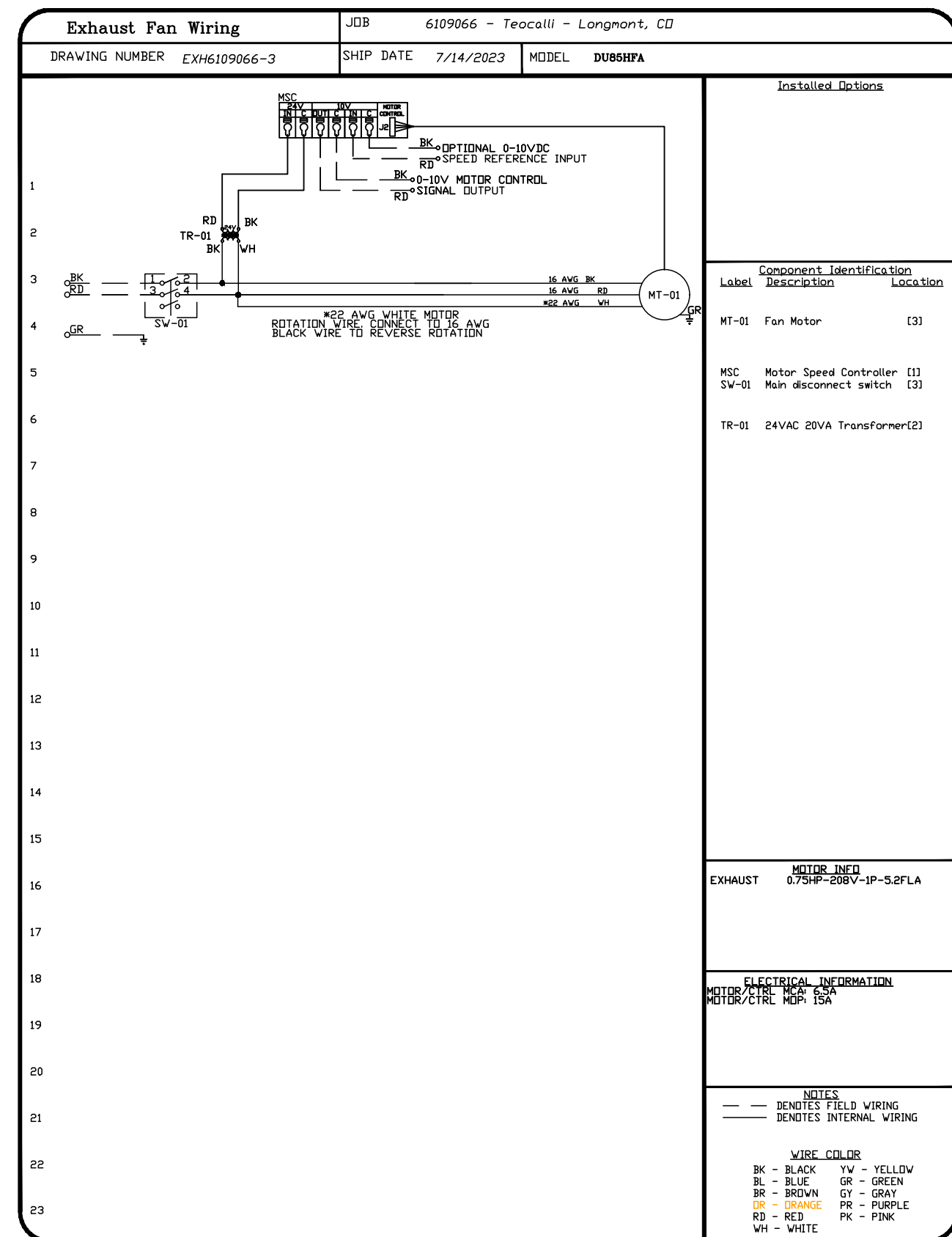
REVISIONS	DESCRIPTION	DATE:

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FAN #3 DUBSHFA - EXHAUST FAN (DEF-1)

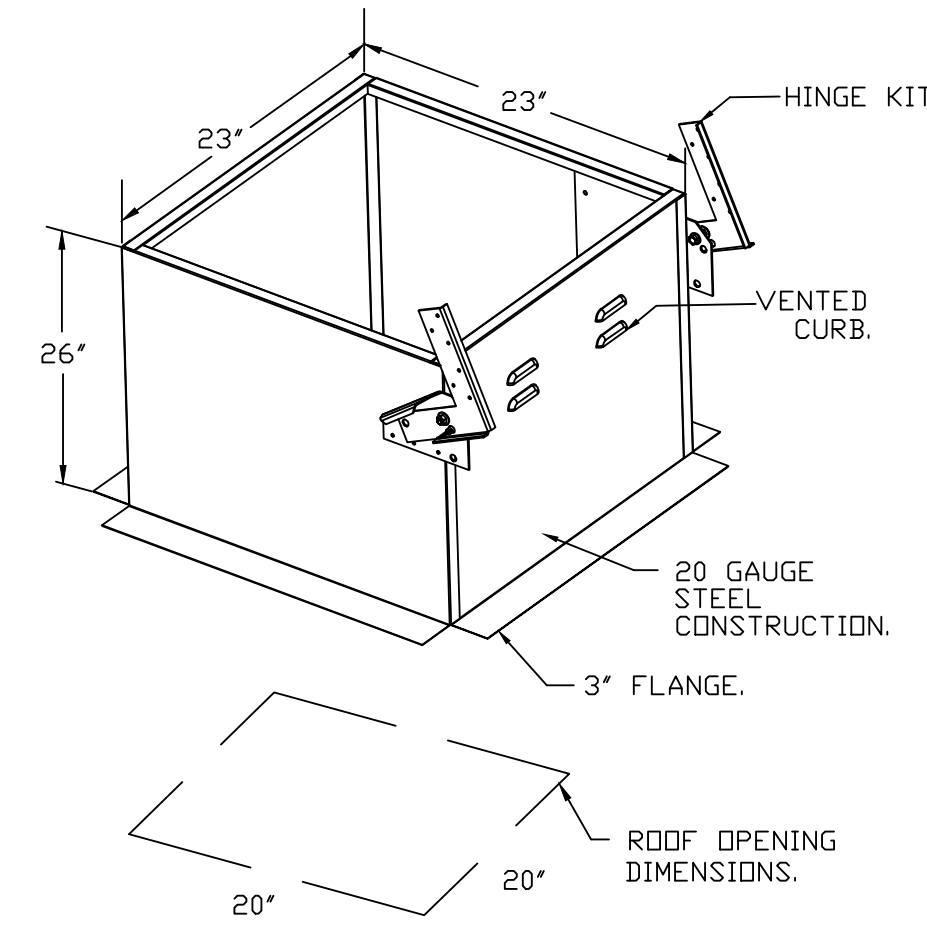


FEATURES:

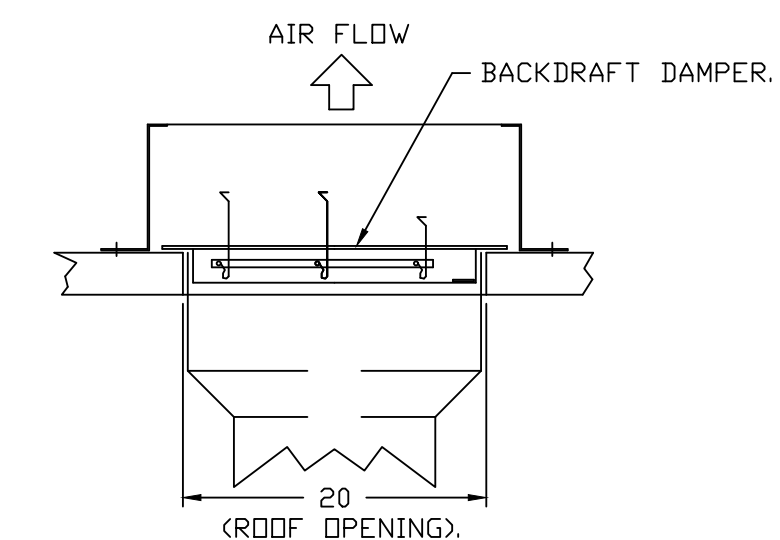
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- UL705.
- VARIABLE SPEED CONTRL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- NEMA 3R SAFETY DISCONNECT SWITCH.

OPTIONS

- ECM WIRING PACKAGE - EXHAUST - MANUAL OR 0-10VDC REFERENCE SPEED CONTROL -MSC- (TELCD), CCW ROTATION.
- SCR-15 BIRD SCREEN.
- 1 1/2" BDD DAMPER.
- 2 YEAR PARTS WARRANTY.



BACKDRAFT DAMPER INSTALLATION



Teocalli - Longmont, CO
LONGMONT, CO, 80501

DATE: 7/14/2023
DWG.#: 6109066
DRAWN BY: RJC - 42
SCALE: 3/4" = 1'-0"
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Food Service Design/Planning

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 Phone: 303.289.9378
 Fax: 303.289.9505

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Project Number: H41178

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Date: 09.22.23

Revisions:

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Kitchen Hood Shop Drawings

Sheet Number:

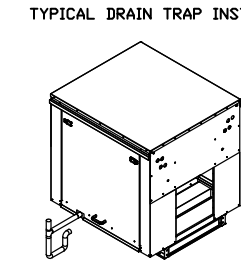
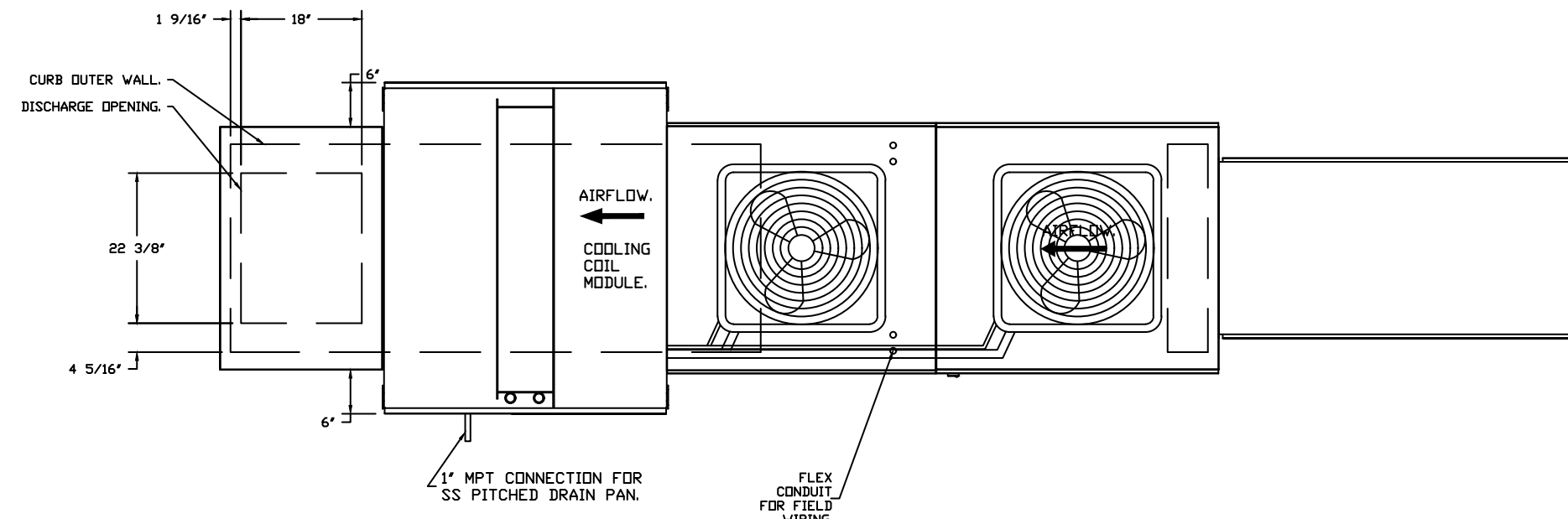
FS7.5

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KS	JVB

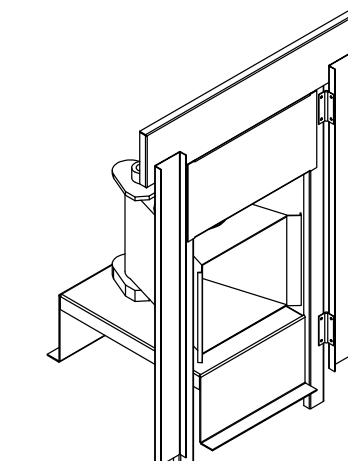
W. WEST EQUIPMENT 9/22/2023 10:51 AM. PLOTTED BY: JEFF VAN BENSCHÖTEN

1. DIRECT GAS FIRED HEATED MAKE UP AIR UNIT WITH 20" MIXED FLOW DIRECT DRIVE FAN.
2. INTAKE HOOD WITH 12 FILTERS.
3. DOWN DISCHARGE AIR FLOW RIGHT -> LEFT.
4. GAS PRESSURE GAUGE, 0-20 PSI DIAMETER, 1/4" THREAD SIZE.
5. GAS PRESSURE GAUGE, 0 TO 15 INCHES WC, 2 1/2" DIAMETER, 1/4" THREAD SIZE.
6. BUTTERFLY MD VALVE OPTION FOR HOOD SIZE 2 1/2" MD VALVE.
7. SHIP LOSS GAS STRAINER TO BE INSTALLED UPSTREAM OF UNIT CONNECTION IF CONNECTION IS GASLINE. BUILDING MONITORING SYSTEM COMMUNICATIONS MODULE REQUIRED. INTERNET, 5 FT 3 FT CAT5 CABLE, AND 1 FT 3 FT
8. 30 CELLULAR SERVICE. INCLUDES REV. 3 COMM MODULE, 2 GAS TO MODBUS CONVERTER, 3 FT 3 FT SHIELDED TWISTED PAIR.
9. METROIZED BURNER DAMPER 22 7/8" X 24" FOR SIZE 2 STANDARD & MODULAR HEATER UNITS VENTED SHAF. STANDARD GALVANIZED CONSTRUCTION 3/4" REAR FLANGE, LOW LEAKAGE. 1 FISH ACTUATOR INCLUDED.
10. 75 TON DIA. CIRCUIT 125/20 MODULAR PACKAGED COILING OPTION FOR SIZE 2 30" MODULAR PACKAGED UNIT. INCLUDES CONDENSER, DR. COIL, FILTER/DRYER KIT, THERMAL EXPANSION VALVE, R410A REFRIGERANT, AND REFRIGERANT PIPING (2,700 TO 4,500 CFM WHEN ORDERED WITH OPPOSITE AIRFLOW CONDENSERS ACCESS AND COIL PIPING WILL REMAIN IN STANDARD POSITION. DRAIN AND SLEDS WILL MOVE TO THE OPPOSITE SIDE. ANY OTHER CHANGE WILL REQUIRE OIL CONDENSERS REQUIRE SEPARATE DRAIN. 3 PHASE POWER SUPPLY UNLESS ORDERED WITH SINGLE POINT CONNECTION. COIL = SEIZING.
11. DOWNDRAFT PLENUM FOR SIZE 2 COILING COIL MIDDLE - REQUIRED FOR DOWN DISCHARGE COILING COIL APPLICATIONS.
12. PROFILE PLATE CONFIGURATION FOR SIZE 2 DIRECT FIRE UNIT FOR LOW CFM APPLICATIONS.
13. UNIT MOUNTED VFD FOR USE WITH EQUIPMENT.
14. HOODS SQUARE WALL ISOLATED BOOR ASSEMBLY (BURNER/BLOWER/MPU SECTION).
15. 2 YEAR PARTS WARRANTY

SUPPLY SIDE HEATER INFORMATION
 WINTER TEMPERATURE = 47°. TEMP. RISE = 69°F.
 BTU'S CALCULATED OFF ACTUAL AIR BENSITY.
 OUTPUT BTU'S AT ALTITUDE OF 60 FT. = 225348
 INPUT BTU'S AT ALTITUDE OF 60 FT. = 244944
 OUTPUT BTU'S AT ALTITUDE OF 4500 FT. = 187315
 INPUT BTU'S AT ALTITUDE OF 4500 FT. = 205962.

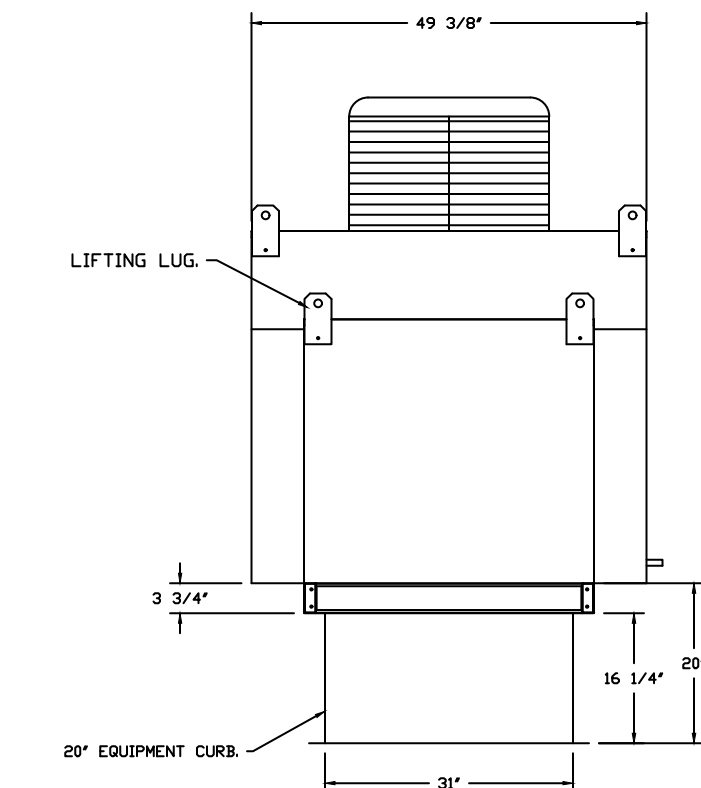


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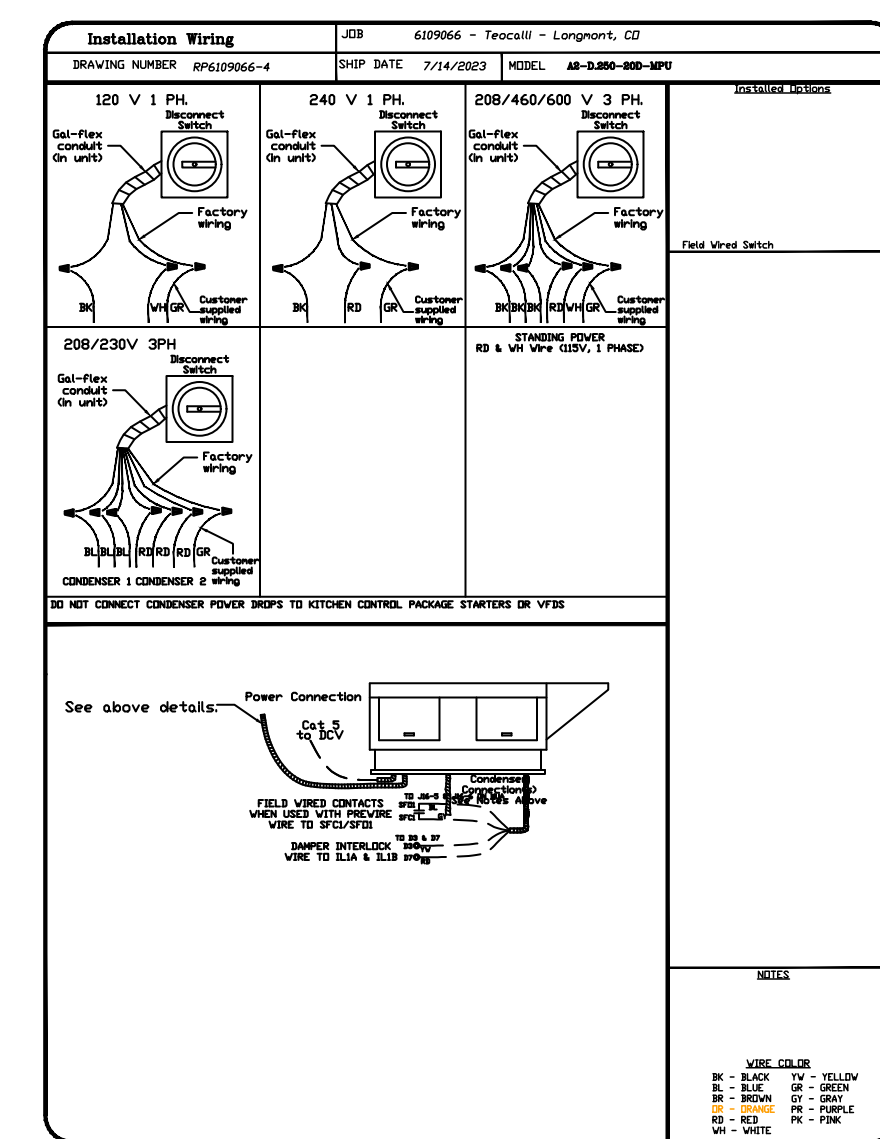
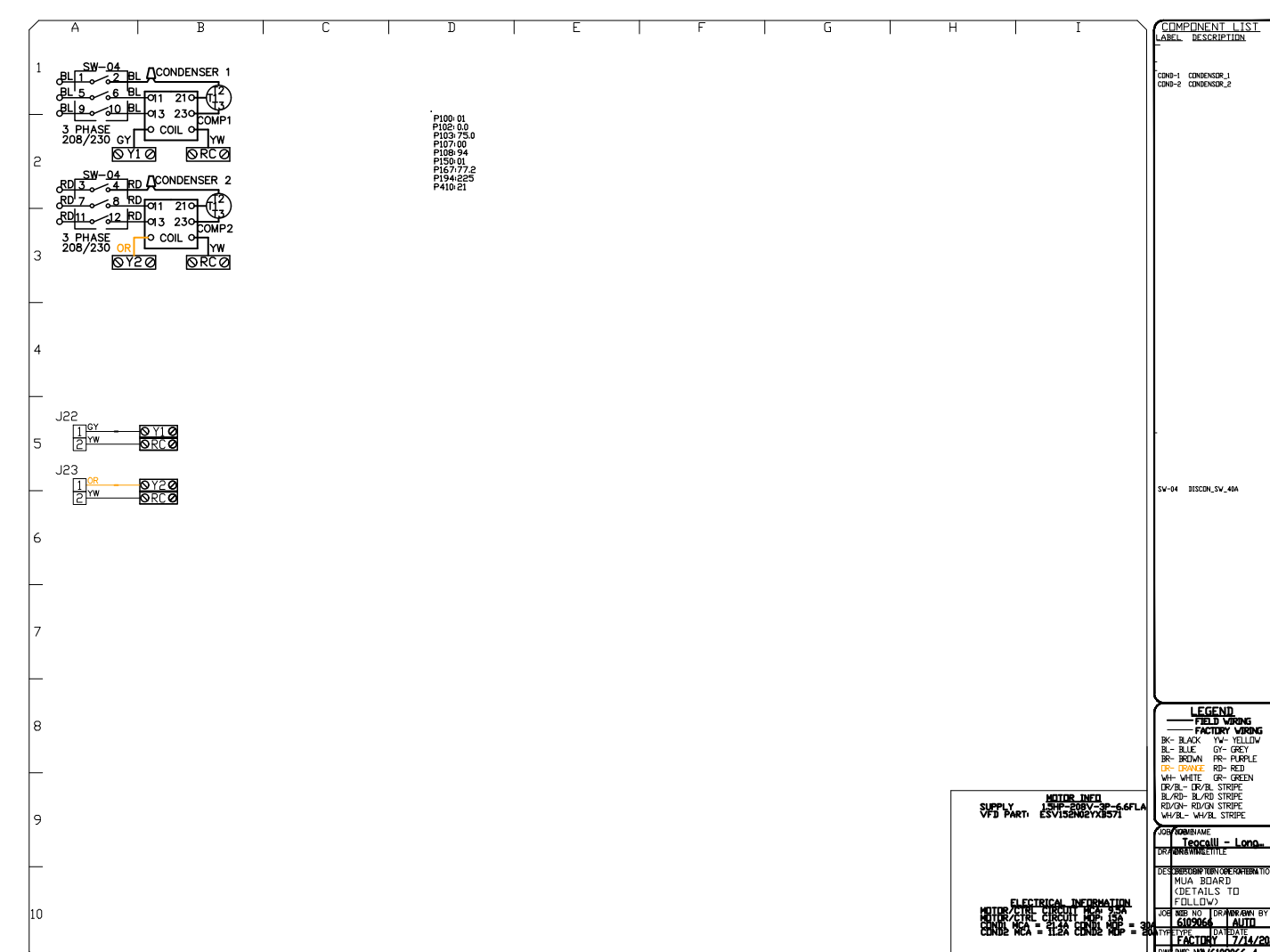
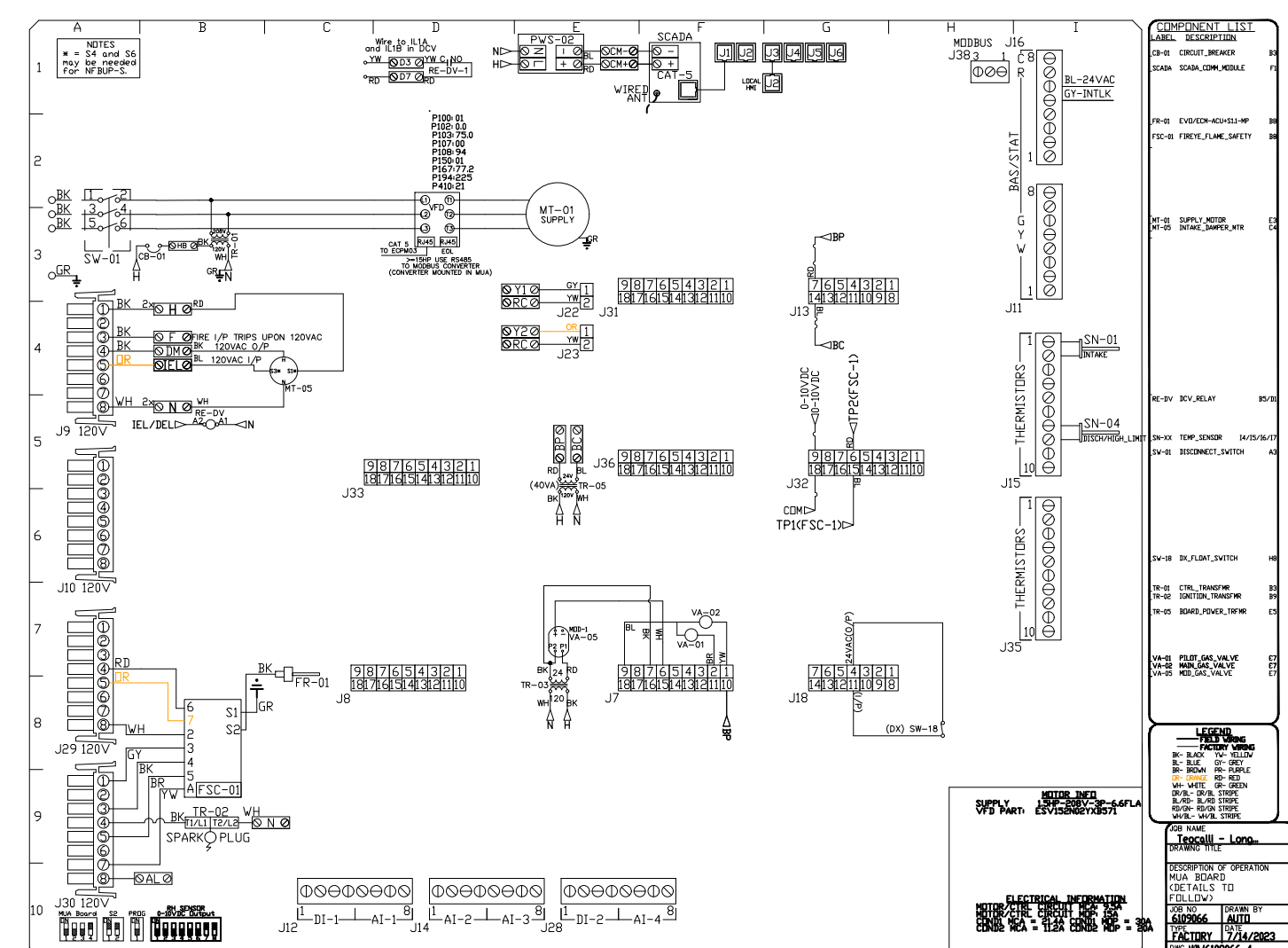
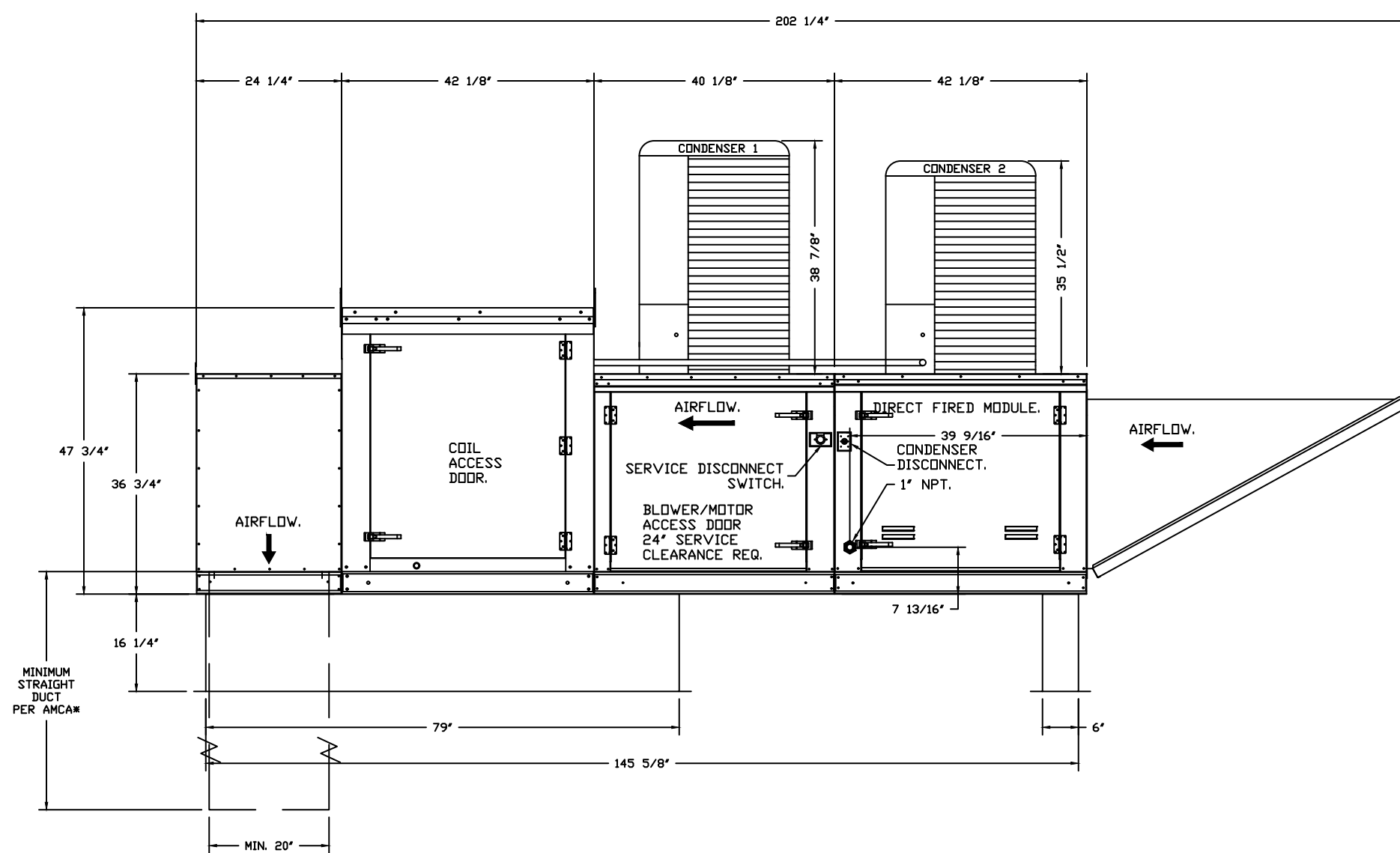
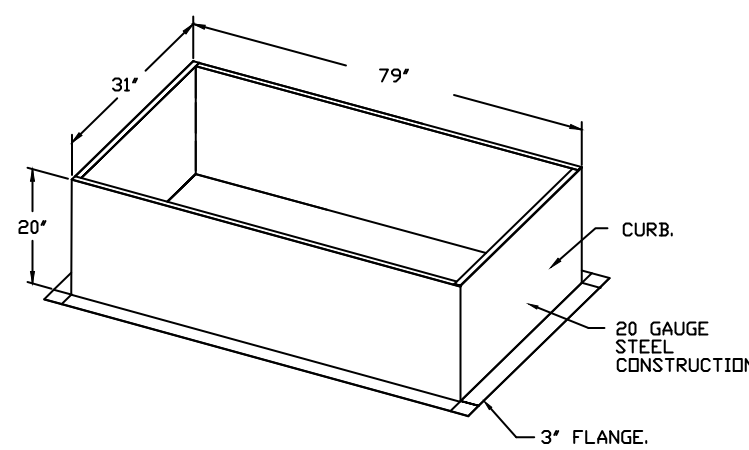


DIRECT FIRED (GF) PROFILE PLATE ASSEMBLY

DIRECT FIRED PROFILE PLATE SPECIFICATIONS:
DESCRIPTION:
 DIRECT FIRED BURNERS SHALL HAVE PATENTED (US PATENT NO. US6469529B3), SELF-ADJUSTING PROFILE PLATES DESIGNED TO ENSURE PROPER AIR VELOCITY AND PRESSURE DROP ACROSS THE BURNER. PROFILE PLATES SHALL ALLOW BURNERS TO ACHIEVE CLEAN COMBUSTION BY LIMITING BY-PRODUCT LEVELS TO A MAXIMUM OF 50PPM OF CARBON MONOXIDE (CO) AND 50PPM OF NITROGEN DIOXIDE (NO2). DIRECT FIRED UNITS SHALL BE CONFIGURED WITH THE BURNER MOUNTED DOWNSTREAM OF THE BURNER. THIS ARRANGEMENT WILL ENSURE A CONSISTENT AIRFLOW, REGARDLESS OF INLET AIR TEMPERATURE.
APPLICATION:
 SPRING-LADED BURNER PROFILE PLATES ARE ENGINEERED TO AUTOMATICALLY REACT TO THE MOMENTUM OF A FRESH AIR STREAM WITHOUT THE NEED FOR ANY MOTORS OR ACTUATORS TO MECHANICALLY ADJUST THEM WITH THIS FEATURE, ALL OF UNITS ARE DESIGNED FOR DEMAND CONTROL VENTILATION (DCV) REQUIREMENTS.
CERTIFICATION:
 PROFILE PLATE ASSEMBLIES SHALL BE INCLUDED IN THE IFU'S ETL LISTING AND COMPLY WITH COMBINED GAS I.T.T STANDARDS ANSI Z84.1 AND CSA 3.7 (NON-REGULATING IF HEATERS) AND ANSI Z88.10 (REGULATING IF HEATERS).
GENERAL CONSTRUCTION:
 -PROFILE PLATES SHALL BE FORMED FROM G90 GALVANIZED STEEL.
 -PROFILE PLATES SHALL VARY IN SIZE PER UNIT.
 -PROFILE PLATES SHALL BE MOUNTED ALONG THE SAME PLANE AS THE DISCHARGE OF THE BURNER.
 -DESIGN SHALL INCORPORATE PROPERLY TORQUED, PERMANENTLY MOUNTED SPRING HINGES.
 -SPRING HINGES SHALL BE MADE FROM PLATED STEEL.



OPTIONS:
 - FULL BOTTOM CORNERS.



REVISIONS	
DESCRIPTION	DATE

CAPTIVE

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Teocalli - Longmont, CO
 LONGMONT, CO, 80501

DATE: 7/14/2023
DWG.#: 6109066
DRAWN BY: RJC - 42
SCALE: 1/2" = 1'-0"
MASTER DRAWING

SHEET NO.
 7



Food Service Design/Planning

Stacy Jackson
 Project Manager
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 Denver, CO 80238
 Phone: 303.289.9378
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Teocalli - Longmont
 460 Main St.
 Longmont, C.O. 80501

Project Number: H41178

Scale: As Noted

Date: 09.22.23

Revisions:

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Sheet Name:
 Kitchen Hood Shop Drawings

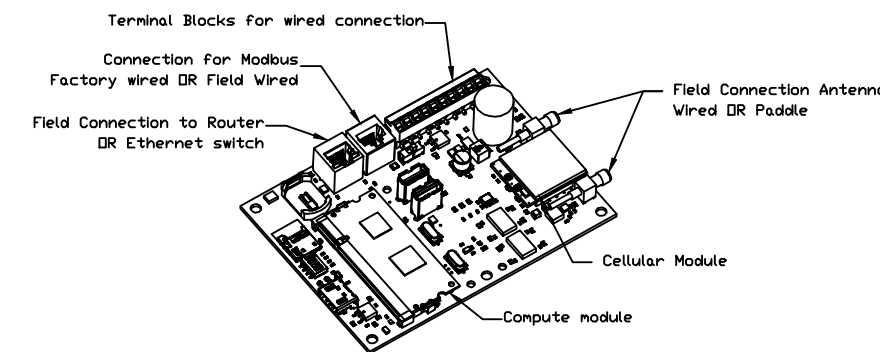
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FS7.6

Drawn By	Checked By
KS	JVB

ELECTRICAL PACKAGE - JOB#6109066

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED								
				LOCATION	QUANTITY		FAN TAG	TYPE	Φ	HP	VOLT	FLA			
1		DCV-2111	UTILITY CABINET LEFT	UTILITY CABINET LEFT	1 LIGHT										
				HOOD # 1	1 FAN										



CASlink Monitor and Control

- Hood control panel to support communications to cloud-based Building Management System.
- Hood Control Panel to allow cloud-based Building Management System to monitor real time parameters outlined as MONITOR in the points list.
- Hood Control Panel to allow cloud-based Building Management System to control parameters outlined as CONTROL in the points list.
- Hood Control Panel to allow cloud-based Building Management System to implement SYSTEM ECONOMIZER control strategies for fully integrated Building Management.

MONITORING AND CONTROL POINTS LIST

DCV Packages	Function	SC Packages	Function
Room Temperature	MONITOR	Room Temperature(s)	MONITOR
Duct Temperature(s)	MONITOR	Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR	MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR	Kitchen RTU Discharge Temperature	MONITOR
Fan Speed	MONITOR	Controller Faults	MONITOR
Fan Amperage	MONITOR	Fan Status	MONITOR
Fan Power	MONITOR	Fan Status	MONITOR
VFD Faults	MONITOR	PCU Faults	MONITOR
Controller Faults	MONITOR	PCU Filter Clap Percentages	MONITOR
Fan Faults	MONITOR	Pipe Condition	MONITOR
Fan Status	MONITOR	CORE Fire System	MONITOR
PCU Faults	MONITOR	Building Pressures	MONITOR
PCU Filter Clap Percentages	MONITOR	Fans Status(s)	MONITOR & CONTROL
Pipe Condition	MONITOR	Light(s) Button(s)	MONITOR & CONTROL
CORE Fire System	MONITOR	Wash Button	MONITOR & CONTROL
Building Pressures	MONITOR		
Prep Area Buttons	MONITOR & CONTROL		
Fans Buttons	MONITOR & CONTROL		
Light(s) Buttons	MONITOR & CONTROL		
Wash Buttons	MONITOR & CONTROL		

HOOD CONTROL PANEL- DEMAND CONTROL VENTILATION (DCV)

Written Specifications: The hood control panel with demand control ventilation automatically modulates fans based on cooking load. Modulation allows for energy savings compared to fans running on high speed during cooking operation.

Listings: Models Electrical Control Panel are ETL Listed under file number 10175459ICDL-001 and complies with UL508A Standards and CAN/CSA C22.2, No. 14-05 Standards.

ECPM03 Circuit Board is ETL Listed under file number 100901773BDX-001 and complies with UL 61010-1 Standard and CAN/CSA C22.2, No. 61010-1 Standards.

Sequence of Operations: The hood control panel interlocks the exhaust fan with makeup air unit.

The hood control panel is capable of operating in one or more of the following states at any given time.

Automatic: The DCV hood control package is designed to thermostatically activate the exhaust fans and make-up air for an exhaust hood whenever elevated temperatures are sensed in the exhaust system. This option will meet the requirements of IMC 507.1.1 and IMC 508.1 by providing a thermostat(s) mounted in the duct or hood riser to sense increased exhaust temperatures.

Once the duct temperature reaches the activation point, the exhaust fans and MAU will be activated. The controls also provide hysteresis to prevent cycling of the fans after the cooking appliances have been turned off and the heat in the exhaust system is reduced. The hysteresis is factory set 2 degrees and will keep the exhaust running until the temperature falls 2 degrees below the activation set point. A hysteresis timer also exists to keep the fans running for at least 30 min after being activated by the temperature rise.

The panel is factory configured to shut down supply fans, turn on the exhaust fans and turn off the hood lights in a fire condition.

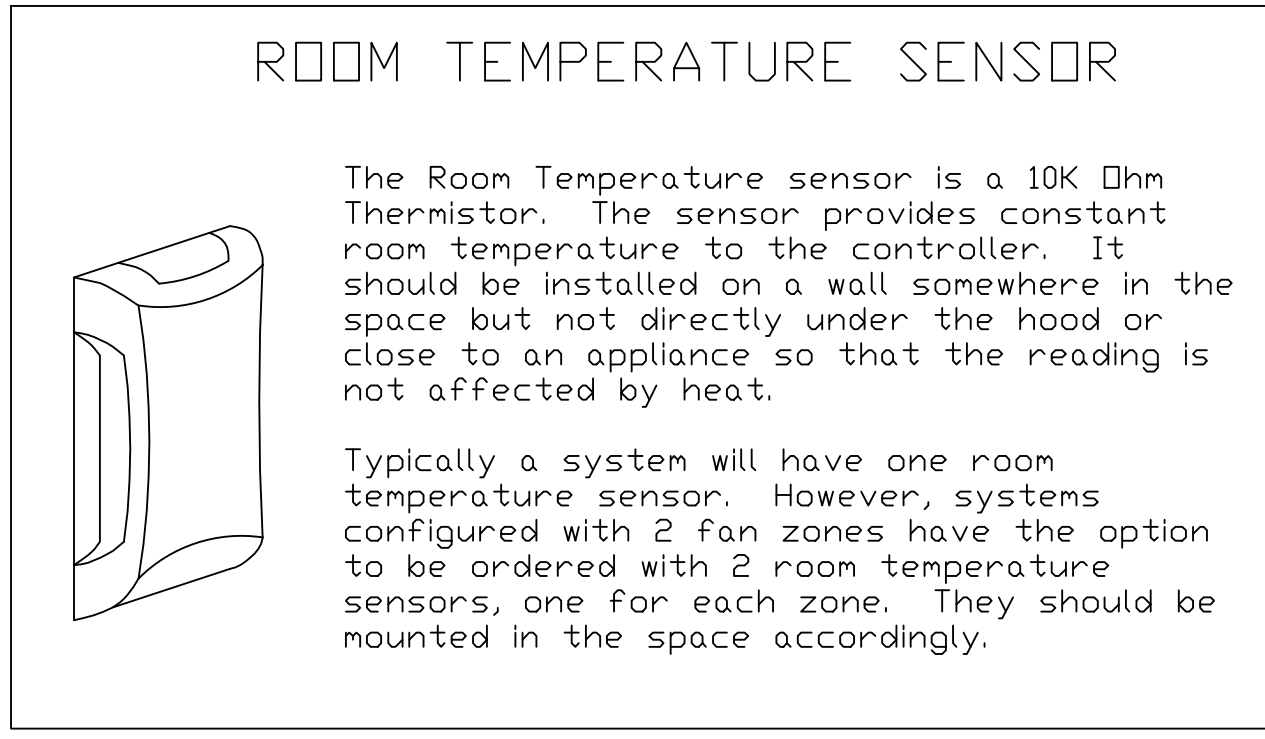
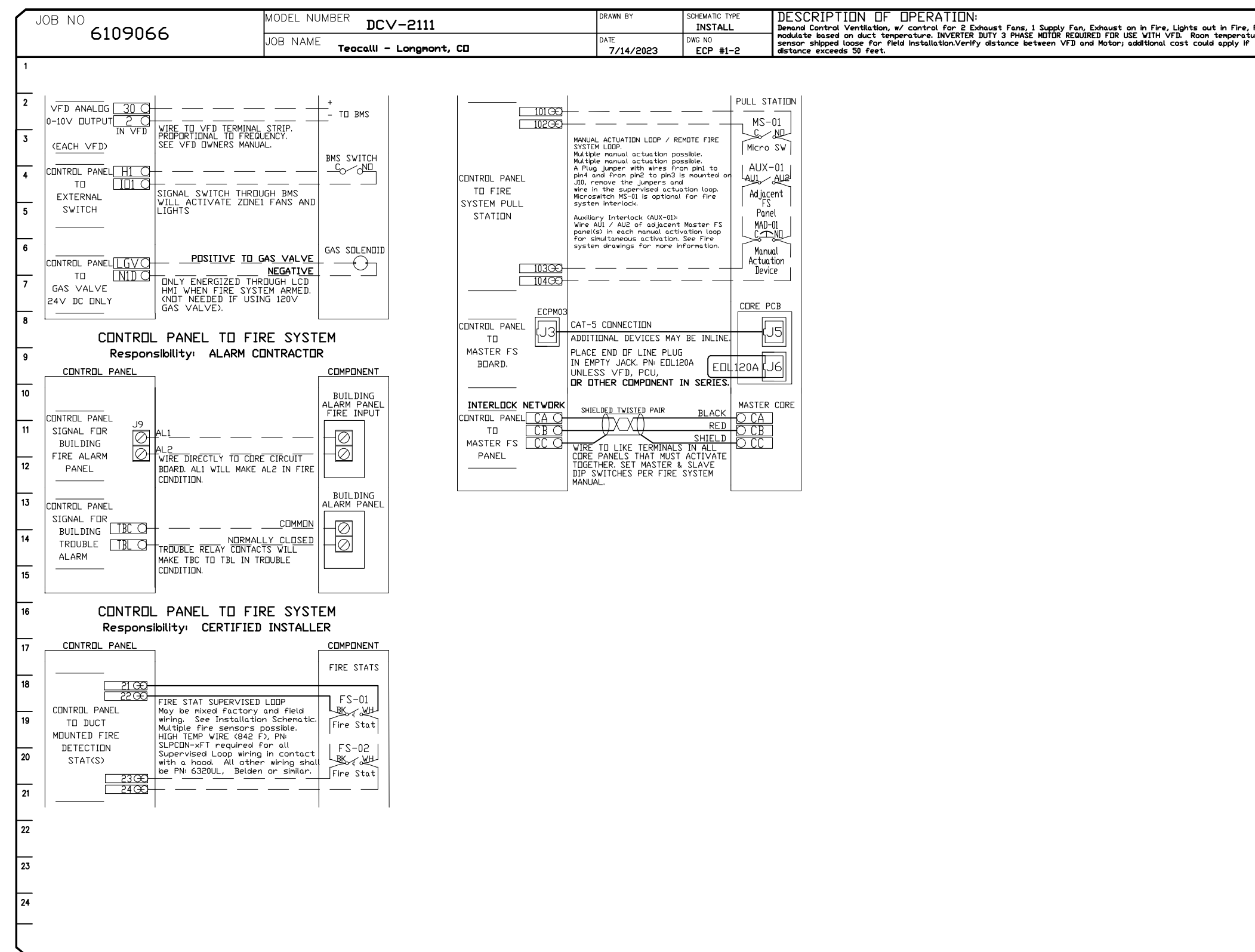
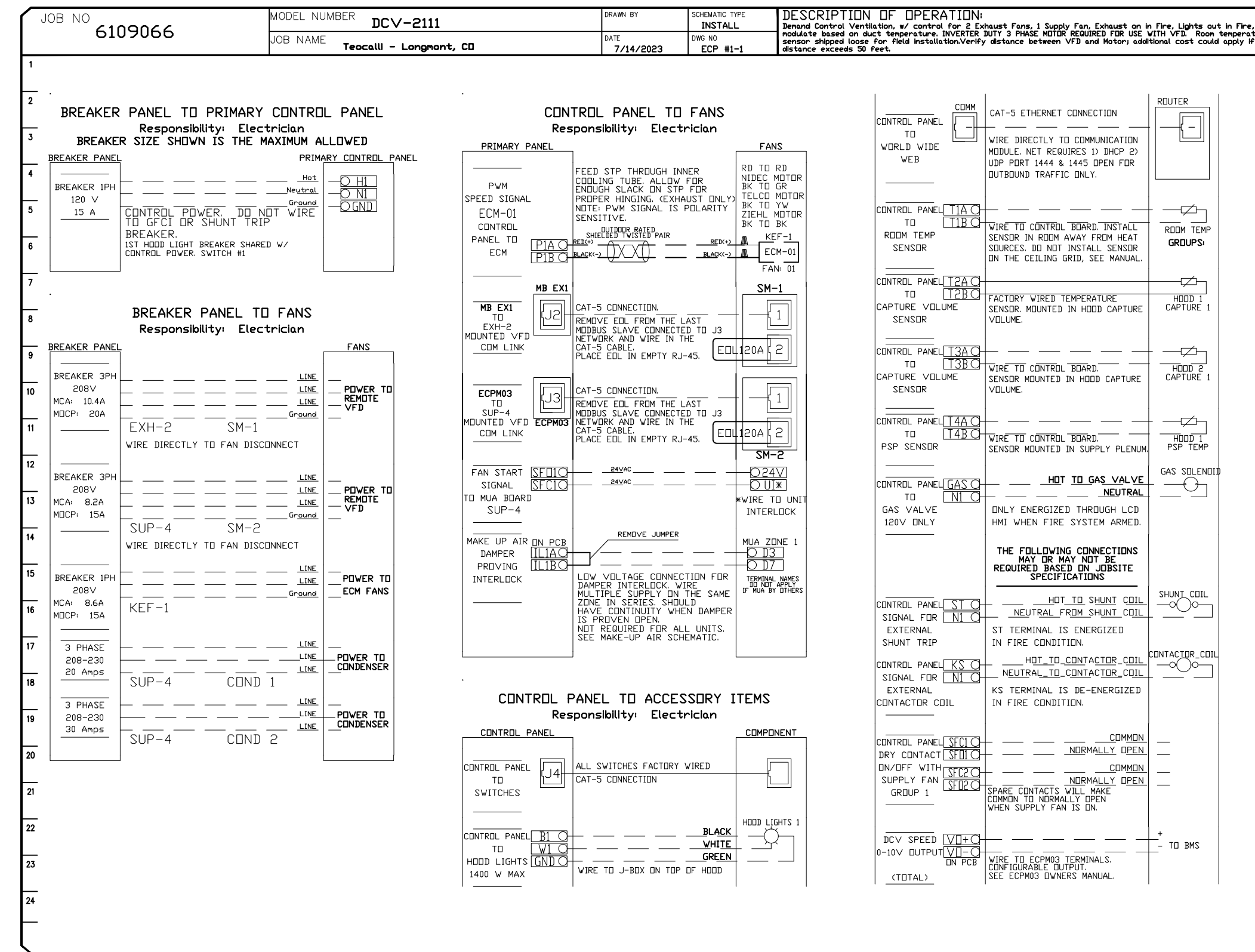
The DCV turns down to 20-25% of total exhaust in prep mode. The system is capable of turning down to 0% when operating automatically if it does not sense a need for hood operation. The DCV will modulate the fans it is controlling based on demand and the low speed and high speed settings are fully adjustable based on demand.

In the event of a fire, there are two forms of activation. The mechanical remote pull may be activated or the mechanical detection link in the hood may melt. The Ansul Automaton takes this mechanical activation and converts it to an electric notification signal via the microswitch and building-initiating switch. In either event, the DCV will be electrically notified via the Ansul Automaton. The DCV will then turn ON the exhaust fan, turn off the make-up air unit and turn off the hood lights. The Ansul Automaton will close the mechanical gas valve to close the gas line or if an electric gas valve is used, the hood control panel will send a signal to the shunted portion of the breaker panel to remove power from the cooking appliances. The building-initiating switch can be used to notify the building alarm system.

Manual: The system operates based on human input from an HMI.

Schedule: A weekly schedule can be set to run fans for a specified period throughout the day. There are three occupied times per day to allow for the user to set up a time that is suitable to their needs. Any time that is within the defined occupied time, the system will run suitable to their needs. Any time that is within the defined occupied time, the system will run at modulation mode and follow the fan procedure algorithm based on temperature during this time. During unoccupied time, the system will have an extra offset to prevent unintended activation of the system during a time where the system is not being occupied.

Other: The system operates based on the input from an external source (DDC, BMS or hard-wired interlock)



ROOM TEMPERATURE SENSOR

The Room Temperature sensor is a 10K Ohm Thermistor. The sensor provides constant room temperature to the controller. It should be installed on a wall somewhere in the space but not directly under the hood or close to an appliance so that the reading is not affected by heat.

Typically a system will have one room temperature sensor. However, systems configured with 2 fan zones have the option to be ordered with 2 room temperature sensors, one for each zone. They should be mounted in the space accordingly.

REVISIONS

NO.	DESCRIPTION	DATE

www.captiveaire.com

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MASTER DRAWING

SHEET NO.
8

W.WEST
Equipment & Furnishings Co.

Food Service Design/Planning

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Longmont, C.O. 80501

Project Number:H41178

Scale:As Noted

Date: 09.22.23

Revisions:

Sheet Name:
Kitchen Hood Shop Drawings

Sheet Number:
FS7.7

Drawn By: KS
Checked By: JVB

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