

HAZARDOUS MATERIALS

- COUNTY SHALL OBTAIN A PERMIT FROM THE NORTH COAST UNIFIED AIR QUALITY MANAGEMENT DISTRICT (NCAUQMD) FOR NOTIFICATIONS OF DEMOLITION AND ASBESTOS ABATEMENT IN ACCORDANCE WITH NESHAP REGULATIONS.
- COUNTY SHALL PERFORM ANY NECESSARY ABATEMENT IN-HOUSE OR CONTRACT SEPARATELY WITH A QUALIFIED HAZARDOUS MATERIALS SPECIALIST TO CONDUCT HAZARDOUS MATERIALS SURVEY REPORT FOR THE ENTIRE EXISTING FACILITY FOR MATERIALS INCLUDING, BUT NOT LIMITED TO ASBESTOS, LEAD, PCB'S, HYDROCARBONS, REFRIGERANTS, MOLD, AND COMMON WASTES SUCH AS MERCURY LAMPS, BATTERIES, COATINGS, E-WASTE, AND OTHER SUCH PRODUCTS.
- COMPLY WITH ALL SPECIFICATIONS BY OTHERS, AS WELL AS ALL LAWS, REGULATIONS, AND STATUTES INCLUDING, BUT NOT LIMITED TO THE COUNTY OF HUMBOLDT, AND CAL-OSHA. THE ARCHITECT HAS NO RESPONSIBILITY FOR ANY SUCH COMPLIANCE REQUIREMENTS. ALL OTHER NOTES ON THESE DRAWINGS ASSUME THAT HAZARDOUS MATERIALS HAVE ALREADY BEEN ABATED OR RENDERED HARMLESS PRIOR TO THE WORK INDICATED.
- CONTRACTOR'S RESPONSIBILITY: IF DURING THE COURSE OF THE WORK, ADDITIONAL MATERIALS ARE DISCOVERED THAT ARE SUSPECTED OF CONTAINING HAZARDOUS SUBSTANCES, STOP WORK AND CONSULT THE COUNTY IMMEDIATELY.

DOOR CLEARANCES

- AT ALL NEW OR RELOCATED DOORS AND GATES, UNLESS NOTED OTHERWISE, PROVIDE LEVEL LANDING ON BOTH SIDES OF DOOR, WITH 2% MAX SLOPE IN ANY DIRECTION.
- PROVIDE CLEAR MANUEVERING AREAS AT DOORS AND GATES IN ACCORDANCE WITH CBC TABLE 11B-404.2.3. TYPICAL FORWARD-APPROACH DOORS INCLUDE 18" CLEAR ON PULL STRIKE SIDE FOR INTERIOR DOORS (24" FOR EXTERIOR DOORS), AND 12" CLEAR ON PUSH STRIKE SIDE WHERE THERE IS A CLOSER, OR 0" ON PUSH STRIKE SIDE WHERE NO CLOSER.
- DOORS AND GATES SHALL BE OPERATED WITH LESS THAN 5 LBS OF FORCE PER CBC 11B-404.2.9.
- SEE ADDITIONAL NOTES ON DRAWINGS AND SCHEDULES.
- DOOR CONTROLS SHALL BE AT AN ACCESSIBLE HEIGHT WITHIN THE REACH RANGE OF CBC 11B-308, GENERALLY 48" MAX. AFF, LESS WHERE REACH OVER OBSTRUCTIONS PER 11B-308.3.2.

EGRESS

- BASED ON OCCUPANT LOAD CALCULATION ON SHEET A1.2, AND 2016 CBC 1006.2.1: A) THERE ARE SPACES WITHIN THE BUILDING THAT HAVE AN OCCUPANT LOAD OR CUMULATIVE OCCUPANT LOAD OF 50 OR MORE PERSONS, BUT THE PROPOSED TENANT IMPROVEMENT SPACE IS LESS THAN 50 OCCUPANTS. B) THE BUILDING IS NOT EQUIPPED THROUGHOUT WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM. C) LONGEST EXIT ACCESS TRAVEL DISTANCE IS COMPLIANT PER CBC TABLE 1017.2, WHICH PERMITS UP TO 200 FEET EXIT ACCESS TRAVEL DISTANCE WITH NON-SPRINKLERED BUILDING.
- THERE ARE ASSEMBLY SPACES WITH AN OCCUPANT LOAD OF 50 OR MORE PERSONS. PERMANENT OCCUPANT LOAD SIGNS ARE REQUIRED.
- PANIC EXIT DEVICES REQUIRE WHERE TWO OR MORE EXITS ARE REQUIRED, UNLESS THE EXIT DOOR HAS NO OTHER LATCH OR LOCK, REGARDLESS OF THE TYPE OF DOOR HARDWARE, ALL DOORS SHALL OPEN FREELY IN THE DIRECTION OF EGRESS WITHOUT A KEY OR SPECIAL KNOWLEDGE OR ABILITY. THE AREAS WITHIN EXIT ROUTES SHALL BE FREE AND CLEAR OF ANY OBSTRUCTIONS AT ALL TIMES.
- MEANS OF EGRESS ILLUMINATION WITH BATTERY BACK-UP POWER IS REQUIRED PER CBC 1006. A TACTILE 'EXIT' OR 'EXIT ROUTE' SIGN IS ALSO PROVIDED AS INDICATED ON PLAN.

GENERAL NOTES

- ANY INFORMATION SHOWN IN THE DRAWINGS AND/OR SPECIFICATIONS, CALCULATIONS, OR APPROVED SUBMITTALS, OR SHOP DRAWINGS IS REQUIRED AS IF SHOWN IN ALL.
- THE WORK IS REQUIRED IF IT IS REASONABLY WITHIN THE SCOPE OF THE PROJECT AND NECESSARY AS PER CODE AND INDUSTRY STANDARDS TO PRODUCE THE INTENDED RESULTS COMPLETELY.
- PROVIDE ACCESS TO THE COMPLETE CONSTRUCTION DOCUMENTS AND ANY ADDENDA TO ALL NECESSARY SUB-CONTRACTORS AND SUPPLIERS. SEPARATIONS OF SPECIFICATION SECTIONS AND DRAWING SHEETS ARE NOT TO BE CONSIDERED LIMITS OF WORK OF SEPARATE TRADES. THE CONSTRUCTION DOCUMENTS DO NOT DEFINE ANY SUCH LIMITS OF WORK; THIS RESPONSIBILITY IS SOLELY THAT OF THE CONTRACTOR.
- VERIFY SITE CONDITIONS, TAKE FIELD MEASUREMENTS, AND CAREFULLY STUDY AND COMPARE CONSTRUCTION DOCUMENTS FOR THE PURPOSE OF FACILITATING COORDINATION AND CONSTRUCTION PRIOR TO STARTING EACH PORTION OF THE WORK.
- DIMENSIONS SHOWN ON DRAWINGS TAKE PRECEDENCE OVER SCALE ON DRAWINGS, DO NOT MANUALLY SCALE DRAWINGS. IF A DIMENSION IS NOT INDICATED, REQUEST ARCHITECT TO PROVIDE.
- COMPLY WITH MANUFACTURER'S SUGGESTED INSTALLATION METHODS EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE OR WHERE PROHIBITED BY CODE REQUIREMENTS.
- WORK AND MATERIAL IN THIS PROJECT MUST MEET THE REQUIREMENTS OF THE LATEST REGULATIONS OF AUTHORITIES HAVING JURISDICTION AND WITH RULES OF UTILITY COMPANIES FURNISHING SERVICES. THE DRAWINGS AND SPECIFICATIONS ARE NOT TO BE CONSTRUED AS PERMITTING WORK NOT IN CONFORMANCE WITH CODE REQUIREMENTS.
- THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, SCAFFOLDING, AND CONSTRUCTION METHODS, IS THE RESPONSIBILITY SOLELY OF THE CONTRACTOR. CONTRACT.
- OCCUPATIONAL SAFETY AND HEALTH: CONSTRUCTION PROCESS IS GOVERNED, AT ALL TIMES, BY THE APPLICABLE PROVISIONS OF THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT (CURRENT RULES). CAL/OSHA. SITE SAFETY IS THE RESPONSIBILITY SOLELY OF THE CONTRACTOR.
- UPON DISCOVERY OR BEING MADE KNOWN OF A CONFLICT, ERROR, NONCONFORMITY, INCONSISTENCIES, OR DISCREPANCY IN THE CONSTRUCTION DOCUMENTS, PROVIDE IMMEDIATE NOTICE IN WRITING AS A REQUEST FOR INFORMATION (RFI) TO THE ARCHITECT. WITHHOLDING ANY SUCH KNOWN INFORMATION SHALL BE CONSIDERED BREACH OF CONTRACT.
- REVISIONS ISSUED AFTER PROJECT BID SET, MAY BE INDICATED WITH REVISION "CLOUDS" FOR MOST MAJOR CHANGES. HOWEVER, NOT ALL CHANGES HAVE NECESSARILY BEEN MARKED. CONTRACTOR AND SUBS ARE RESPONSIBLE FOR THOROUGH REVIEW OF ALL PLANS AND MUST WORK ONLY FROM THE APPROVED LATEST SETS OF DRAWINGS, CALCS, ADDENDA, RFI RESPONSES, APPROVED SUBMITTALS, AND OTHER PROJECT DOCUMENTS.
- THE ABOVE NOTES ARE COMMON REMINDERS, MANY OF WHICH ARE DESCRIBED IN MORE DETAIL, ALONG WITH OTHER REQUIREMENTS OF NO LESS IMPORTANCE, IN THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION.
- ALLOWABLE HOURS OF CONSTRUCTION:
DAY: MONDAY through FRIDAY 7:00 AM TO 6:00 PM
SATURDAY and SUNDAY 9:00 AM TO 5:00 PM
NO LOUD CONSTRUCTION ACTIVITIES ALLOWED ON SUNDAYS.

PORTABLE FIRE EXTINGUISHERS

- COUNTY SHALL PROVIDE FIRE EXTINGUISHERS PER 2016 CA FIRE CODE, SECTION 906, WITH ALL FINAL LOCATIONS PER THE DETERMINATION OF THE AHJ.
- FIRE EXTINGUISHERS NOT TO BE OBSTRUCTED OR OBSCURED FROM VIEW. IN LARGE ROOMS AND IN LOCATIONS WHERE VISUAL OBSCURING CANNOT BE COMPLETELY AVOIDED, PROVIDE SIGNAGE TO INDICATE LOCATION.
- FIRE EXTINGUISHERS SHALL BE CONSPICUOUSLY LOCATED ALONG NORMAL PATHS OF TRAVEL WHERE THEY WILL BE READILY ACCESSIBLE AND IMMEDIATELY AVAILABLE IN THE EVENT OF A FIRE.
- IT IS RECOMMENDED, WHERE POSSIBLE, PORTABLE FIRE EXTINGUISHERS ARE LOCATED ADJACENT TO MANUAL FIRE ALARM PULL STATIONS.
- MAX. TRAVEL DISTANCE TO EXTINGUISHER = 75 FT MAX. MAX DISTANCE FROM COMMERCIAL KITCHEN EQUIPMENT = 30 FT.
- EXTINGUISHERS LOCATED IN CONDITIONS SUBJECT TO PHYSICAL DAMAGE SHALL BE ADEQUATELY PROTECTED (E.G. FROM IMPACT, VIBRATION, ENVIRONMENT, ETC.)
- BRACKET MOUNTING: WHERE INSTALLED ON A HANGER OR BRACKET, THEY SHALL BE THOSE SUPPLIED WITH THE EXTINGUISHER AND BE MOUNTED SECURELY PER MANUFACTURER INSTRUCTIONS.
- HEIGHT: PORTABLE EXTINGUISHERS WEIGHING <40 LBS MAY BE INSTALLED WITH TOP OF EXTINGUISHER AT 5' AFF. HOWEVER, SET IT AT 48" AFF MAX TO COMPLY WITH ACCESSIBLE REACH RANGES AS DEFINED BY CBC CH.11B. AND ALSO SET SO BOTTOM EDGE IS NOT HIGHER THAN 26" AFF. THIS KEEPS THE EXTINGUISHER WITHIN THE CANE DETECTION AREA AND THUS ELIMINATES THE 4" MAX. PROJECTION REQUIREMENT.

EXIT SIGNS & EGRESS LIGHTING

- EXIT SIGNS - WHERE REQUIRED: CBC 1011.1 - EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL IN CASES WHERE THE EXIT OR THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. INTERVENING MEANS OF EGRESS DOORS WITHIN EXITS SHALL BE MARKED BY EXIT SIGNS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS MORE THAN 100 FEET OR THE LISTED VIEWING DISTANCE FOR THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.
EXCEPTIONS:
 - EXIT SIGNS ARE NOT REQ'D IN AREAS THAT REQUIRE ONLY ONE EXIT.
 - MAIN EXTERIOR EXIT DOORS OR GATES THAT ARE OBVIOUSLY AND CLEARLY IDENTIFIABLE AS EXITS NEED NOT HAVE EXIT SIGNS WHERE APPROVED BY THE BUILDING OFFICIAL.
 - EXIT SIGNS ARE NOT REQUIRED IN OCCUPANCIES IN GROUP U AND INDIVIDUAL SLEEPING UNITS OR DWELLING UNITS IN GROUP R-2.
- SIGN REQUIREMENTS: PROVIDE INTERNALLY ILLUMINATED OR PHOTOLUMINESCENT EXIT SIGNS LISTED AND LABELED PER UL 924, INSTALLED PER MANUFR INSTNS AND CBC CH. 27.
- SIGN ILLUMINATION: EXIT SIGN SHALL BE ILLUMINATED AT ALL TIMES WITH NOT LESS THAN 5 LUMENS AT THE FACE OF SIGN, AND FOR NOT LESS THAN 90 MINUTES AFTER LOSS OF ELECTRIC POWER SOURCE, OR LOSS OF EXTERNAL ILLUMINATION SOURCE WHERE SIGN IS PHOTOLUMINESCENT TYPE.
- EGRESS ILLUMINATION: AS DEPICTED ON PLAN, PROVIDE MEANS OF EGRESS ILLUMINATION PER CBC 1006 & TECHNICAL PERFORMANCE REQUIREMENTS OF CBC 1006.4. PROVIDE 1 FC MIN. AT WALKING SURFACE FOR 90 MINUTES AFTER LOSS OF ELECTRIC POWER SOURCE FOR EXIT DISCHARGE ELEMENTS AND EXTERIOR LANDINGS AT EXIT DOORWAYS.

ACCESSIBILITY

- THERE IS A SEPARATELY PERMITTED AND APPROVED PROJECT AT THIS EXISTING FACILITY TO PROVIDE COMPLIANT ACCESSIBLE PARKING SPACES, PATH FROM THE PUBLIC RIGHT OF WAY, RAMP, DOOR HARDWARE, ACCESSIBLE RESTROOM, AND SIGNANGE.
- THE PROPOSED IMPROVEMENTS IN THIS PROJECT SHALL ALSO COMPLY WITH ALL PROVISIONS OF THE 2016 CA BUILDING CODE, CHAPTER 11B, FOR ALTERATIONS, AND 2010 ADA, BUT THE ARCHITECT MAY RELY UPON THE RECENT SEPARATE PROJECT FOR HAVING ACHIEVED COMPLIANCE WITH 2016 CBC SECTION 11B-202.4 PATH OF TRAVEL REQUIREMENTS TO THE SPECIFIC AREA OF ALTERATION OR ADDITION. THE PRIMARY ACCESSIBLE PATH OF TRAVEL SHALL INCLUDE:
- PRIMARY ENTRANCE TO THE BUILDING OR FACILITY.
-RESPONSE: COMPLIANT. SEE IMPROVEMENTS BY OTHERS.
 - TOILET AND BATHING FACILITIES SERVING THE AREA
-RESPONSE: COMPLIANT. SEE IMPROVEMENTS BY OTHERS.
 - DRINKING FOUNTAINS SERVING THE AREA.
-RESPONSE: EXISTING NON-FUNCTIONAL DRINKING FOUNTAIN IS TO BE REMOVED AS PART OF THIS PROJECT. THERE IS NO FUNCTIONAL PLUMBING SERVING THE EXISTING FOUNTAIN, AND THE FACILITY INCLUDES FOOD SERVICE, WHICH HAS WATER SERVICE, WHICH MAY BE SUBSTITUTED FOR THE NEED FOR A DRINKING FOUNTAIN PER 2016 CPC 415.2 DRINKING FOUNTAIN ALTERNATIVES. IF
 - PUBLIC TELEPHONES SERVING THE AREA.
-RESPONSE: NOT APPLICABLE, NO PUBLIC PHONES.
 - SIGNS.
-RESPONSE: SEE RECENT SIGNAGE IMPROVEMENTS BY OTHERS. ADDITIONALLY, AS PART OF THIS PROJECT THERE ARE NEW TACTILE SIGNS AS INDICATED.

BUILDING CODE ANALYSIS

NOTE: THERE IS NO CHANGE IN BUILDING OCCUPANCY, USE, AREA, OCCUPANT LOAD, OR EGRESS. THE FOLLOWING BUILDING CODE ANALYSIS IS PROVIDED FOR REFERENCE ONLY.

OCCUPANCY PER 2016 CBC: GROUP A-3 ASSEMBLY, COMMUNITY HALL
GROUP A-2 ASSEMBLY, DINING FACILITY
-INCLUDING ASSOCIATED COMMERCIAL KITCHEN.

CONSTRUCTION TYPE: TYPE V-B
FIRE SPRINKLER SYSTEM: NO
FIRE ALARM SYSTEM: NO

BLDG AREA: 10,684 SF (APPROX. GROSS AREA)
BLDG STORIES: 1-STORY PLUS MECHANICAL BASEMENT
BUILDING HEIGHT: APPROX. 35 FEET

BUILDING ELEMENT	TYPE I		TYPE II		TYPE III		TYPE IV		TYPE V	
	A	B	A	B	A	B	HT	A*	B	
Primary structural frame* (see Section 202)	3 ^h	2 ^h	1	0	1	0	HT	1	0	
Bearing walls										
Exterior	3	2	1	0	2	2	2	1	0	
Interior	5 ^h	2 ^h	1	0	1	0	1/HT	1	0	
Nonbearing walls and partitions	See Table 602									
Exterior										
Nonbearing walls and partitions	0	0	0	0	0	0	0	0	0	
Interior							See Section 602.4.6			
Floor construction and associated secondary members (see Section 202)	2	2	1	0	1	0	HT	1	0	
Roof construction and associated secondary members (see Section 202)	1 1/2 ^h	1 ^h	1 ^h	0 ^h	1 ^h	0	HT	1 ^h	0	

For SI: 1 foot = 304.8 mm.
a. Roof supports: Fire-resistance ratings of primary structural frame and bearing walls are permitted to be reduced by 1 hour where supporting a roof only.
b. Except in Group A, E, F, J, H, L, M, R, L, R, 2, R, 2.1 and S1 occupancies, high-rise buildings, and other applications listed in Section 1.11 regulated by the Office of the State Fire Marshal, fire protection of structural members shall not be required, including protection of roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members.
c. For Group A, E, F, J, H, L, M, R, L, R, 2, R, 2.1 occupancies, high-rise buildings, and other applications listed in Section 1.11 regulated by the Office of the State Fire Marshal, fire protection of members other than the structural frame shall not be required, including protection of roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members.
d. One-story portions of Group A and E assembly occupancies the roof framing system of Type II A or Type III A construction may be of unprotected construction when such roof framing system is open to the assembly area and does not contain concealed spaces.
e. In all occupancies, heavy timber shall be allowed where a 1-hour or less fire-resistance rating is required.
f. Not less than the fire-resistance rating required by other sections of this code.
g. Not less than the fire-resistance rating based on fire separation distance (see Table 602).
h. Not less than the fire-resistance rating as referenced in Section 704.10.

FIRE SEPARATION DISTANCE - X (feet)	TYPE OF CONSTRUCTION	OCCUPANCY GROUP 1 ^A , L, 1	OCCUPANCY GROUP 1 ^B , 9 ^A , 1 ^A	OCCUPANCY GROUP A, B, E, F, I, 1 ^B , 9 ^A , 2 ^A , U
X < 5'	All	0	2	1
5 ≤ X < 10	IA	3	2	1
	Others	2	1	1
10 ≤ X < 30	IA, IB	2	1	1'
	IB, VB	1	1	1'
	Others	1	1	1'
X ≥ 30	All	0	0	0

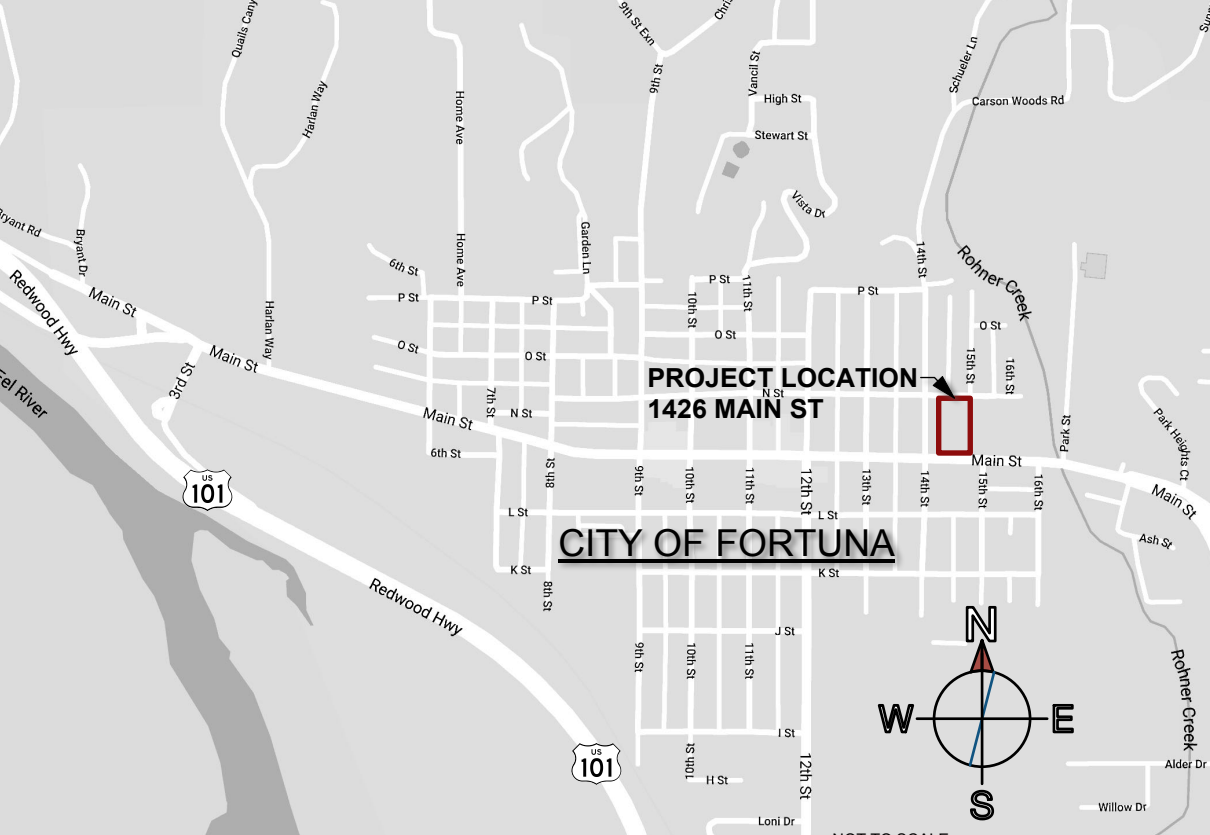
For SI: 1 foot = 304.8 mm.
a. Load-bearing exterior walls shall also comply with the fire-resistance rating requirements of Table 601.
b. See Section 706.1.1 for party walls.
c. Open parking garages complying with Section 406 shall not be required to have a fire-resistance rating.
d. The fire-resistance rating of an exterior wall is determined based upon the fire separation distance of the exterior wall and the story in which the wall is located.
e. For special requirements for Group H occupancies, see Section 415.4.
f. For special requirements for Group S aircraft hangars, see Section 412.4.1.
g. Where Table 705.8 permits nonbearing exterior walls with unlimited area of unprotected openings, the required fire-resistance rating for the exterior walls is 0 hours.
h. Group R-2 and Group U occupancies when used as accessory to Group R-1 occupancies, shall not be required to have a fire-resistance rating where the fire separation distance is 5 feet or more; or when equipped throughout with an automatic residential fire sprinkler system installed in accordance with Section 903.3 the fire-resistance rating shall not be required where the fire separation distance is 3 feet or more.

APPLICABLE CODES

- APPLICABLE CODES FOR ALL WORK, AS CURRENTLY ADOPTED INCLUDING ALL ERATTA & SUPPLEMENTS:
2016 CA ADMINISTRATIVE CODE, TITLE 24, PART 1
2016 CA BUILDING CODE, TITLE 24, PART 2
2016 CA ELECTRICAL CODE, TITLE 24, PART 3
2016 CA MECHANICAL CODE, TITLE 24, PART 4
2016 CA PLUMBING CODE, TITLE 24, PART 5
2016 CA ENERGY CODE, TITLE 24, PART 6
2016 CA FIRE CODE, TITLE 24, PART 9
(INCLUDING CPC CHAPTER 38 PLANT PROCESSING & EXTRACTION FACILITIES, SUPPLEMENT EFFECTIVE JULY 1, 2018)
2016 CA EXISTING BLDG CODE, TITLE 24, PART 10
2016 CA GREEN BLDG STNDS CODE, TITLE 24, PART 11
- 2016 NFPA 13 FIRE SPRINKLER SYSTEM (CA AMENDED)
2014 NFPA 14 STANDPIPE & HOSE (CA AMENDED)
2016 NFPA 24 FIRE SERVICE MAINS (CA AMENDED)
2016 NFPA 72 FIRE ALARM CODE (CA AMENDED)

- ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES & REGULATIONS, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING SPECIFIC ITEMS:
- CALIFORNIA RETAIL FOOD CODE, JAN 1, 2017, REGULATED BY THE COUNTY OF HUMBOLDT ENVIR. HEALTH, <https://humboldtgov.org/896/Retail-Food-Facility-Safety>
 - ALL COUNTY OF HUMBOLDT CODES & REGULATIONS
 - NESHAP ASBESTOS CLEARANCE MUST BE OBTAINED FOR ALL WORK PER CFR 40, PART 61, SUBPART M. NOTE THIS APPLIES TO ALL EXISTING BUILDINGS NO MATTER HOW RECENTLY THEY WERE CONSTRUCTED. CONTACT NORTH COAST UNIFIED AIR QUALITY MANAGEMENT DISTRICT, 707.443.3093. ALSO SEE HAZARDOUS MATERIALS NOTES ON THIS SHEET.

VICINITY MAP



PROJECT DESCRIPTION

THIS PUBLIC WORKS PROJECT INCLUDES INTERIOR IMPROVEMENTS TO AN EXISTING FACILITY. THERE IS NO CHANGE OR EXPANSION OF USE.

THE SCOPE OF WORK INCLUDES NEW EXIT SIGNS, EMERGENCY EGRESS ILLUMINATION, NEW PARTITIONS, NEW DOORS, AND IMPROVEMENTS TO EXISTING DOOR HARDWARE THROUGHOUT THE FACILITY. IN THE SOUTHWEST CORNER OF THE BUILDING THE WORK INCLUDES NEW FLOORING, BASEBOARD, TRIM, MILLWORK, NEW INTERIOR DOOR, SERVICE PASS THRU WINDOW, REPLACED BAR PLUMBING FIXTURES, ELECTRICAL UPGRADES, LIGHTING REPLACEMENTS, A NEW DUCTLESS MINI-SPLIT HEAT PUMP, AND OTHER WORK AS INDICATED.

THE BUILDING QUALIFIES AS A HISTORICALLY SIGNIFICANT STRUCTURE AND THE CALIFORNIA HISTORICAL BUILDING CODE APPLIES.

THERE WAS A RECENT PROJECT THAT INCLUDED ADA UPGRADES. SEE ACCESSIBILITY REVIEW ON THIS SHEET FOR ANALYSIS OF 2016 CBC 11B-202.4 PATH OF TRAVEL COMPLIANCE.

THE PROJECT IS INTERIOR ONLY AND DOES NOT REQUIRE STORMWATER MS4 PERMITTING.

PROJECT CONTACTS

OWNER:
COUNTY OF HUMBOLDT
PUBLIC WORKS
SEAN P. MEEHAN, ARCHITECT, LEED AP
DEPUTY DIRECTOR – FACILITIES MANAGEMENT
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ARCHITECT:
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MCSORLEY ARCHITECTURE
PO BOX 2472
MCKINLEYVILLE, CA 95519
707-633-9283

ZONING CODE

PROJECT ADDRESS: 1426 MAIN STREET
FORTUNA, CA 95540
APN: 040-021-007
PARCEL AREA: 0.85 ACRES
LOCATION: CITY OF FORTUNA (WITHIN CITY LIMITS)

AUTHORITY HAVING JURISDICTION: COUNTY OF HUMBOLDT, PUBLIC WORKS

FIRE DISTRICT: FORTUNA FIRE PROTECTION DISTRICT

ZONING: PER FORTUNA, N/A
CURRENT GENERAL PLAN: PER FORTUNA, N/A

EXISTING USE: PUBLIC ASSEMBLY
(NO CHANGE OR EXPANSION OF USE)

INFO PER COUNTY OF HUMBOLDT WEB GIS:
ALQUIST-PRIOLO FAULT: N
COASTAL ZONE BOUNDARY: N
CREEK ZONE (WITHIN 25'): N
COASTAL JURISDICTION: N
FEMA FLOOD ZONE: N
HILLSIDE ZONE: N

SRA / HIGH FIRE ZONE: N

PARKING: EXISTING, NO CHANGE.
ACCESSIBLE STALLS: EXISTING, FROM RECENT SEPARATE ADA IMPROVEMENT PROJECT, NOT A PART

SHEET INDEX

TITLE / SITE	A 1.1	TITLE SHEET
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	A 2.1	DEMOLITION PLAN
	A 2.2	PROPOSED FLOOR PLAN
	A 3.1	INTERIOR ELEVATIONS
MEP	A 4.1	DETAILS
	M 1.1	MECHANICAL PLAN
	E 1.1	ELECTRICAL POWER & LIGHTING
CAL-GREEN	P 1.1	PLUMBING PLAN
	G 1.1	CAL-GREEN CODE

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FORTUNA VETERANS MEMORIAL BLDG
INTERIOR IMPROVEMENTS
1426 MAIN STREET
FORTUNA, CALIFORNIA 95540
APN: 040-021-007

PROJECT NUMBER: 170248

TITLE SHEET

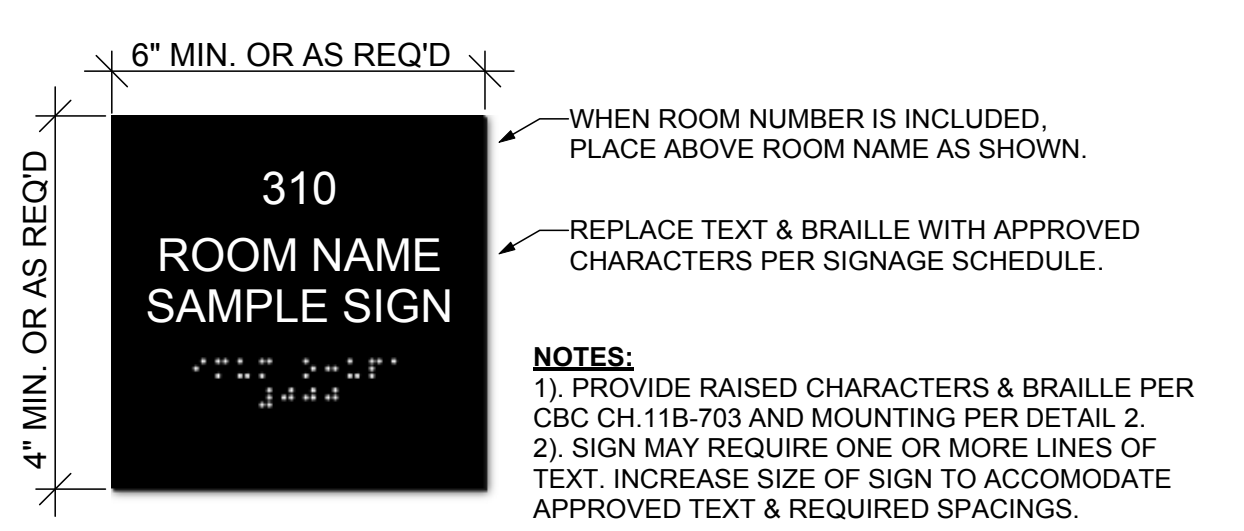
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Issue Date:
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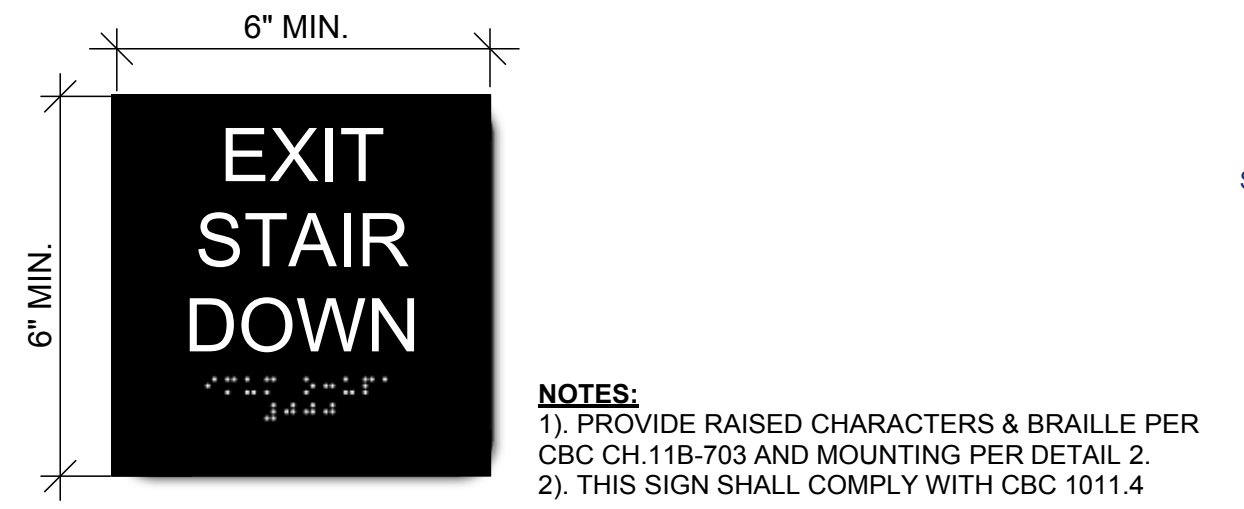
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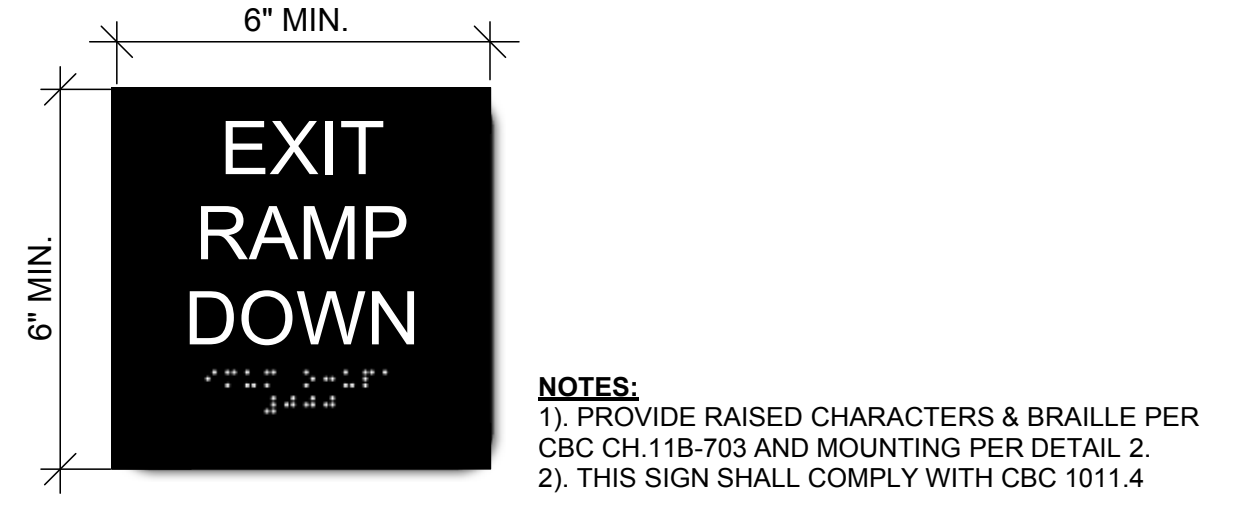
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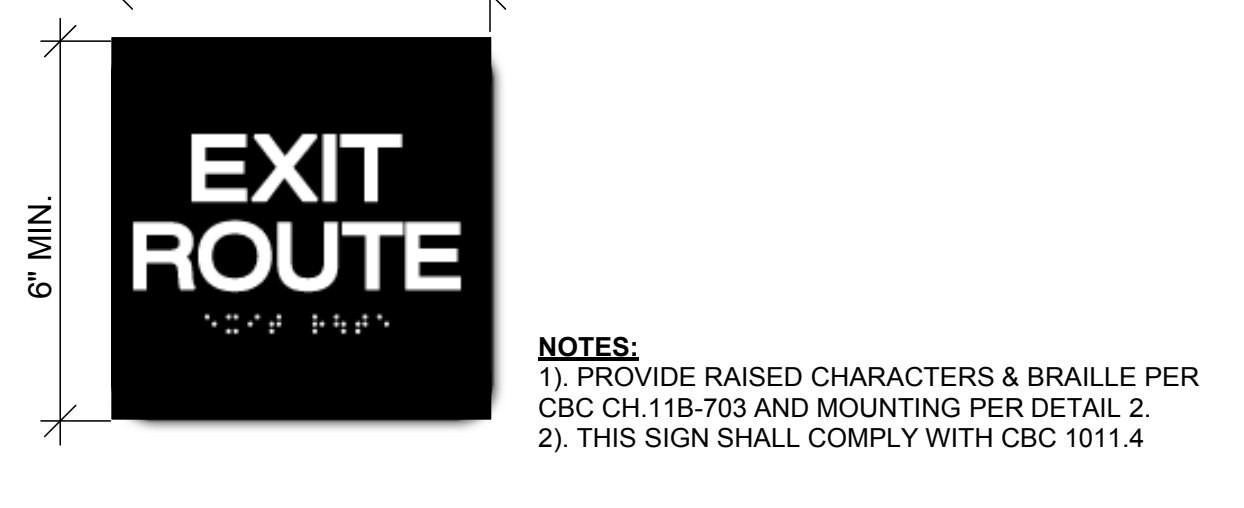
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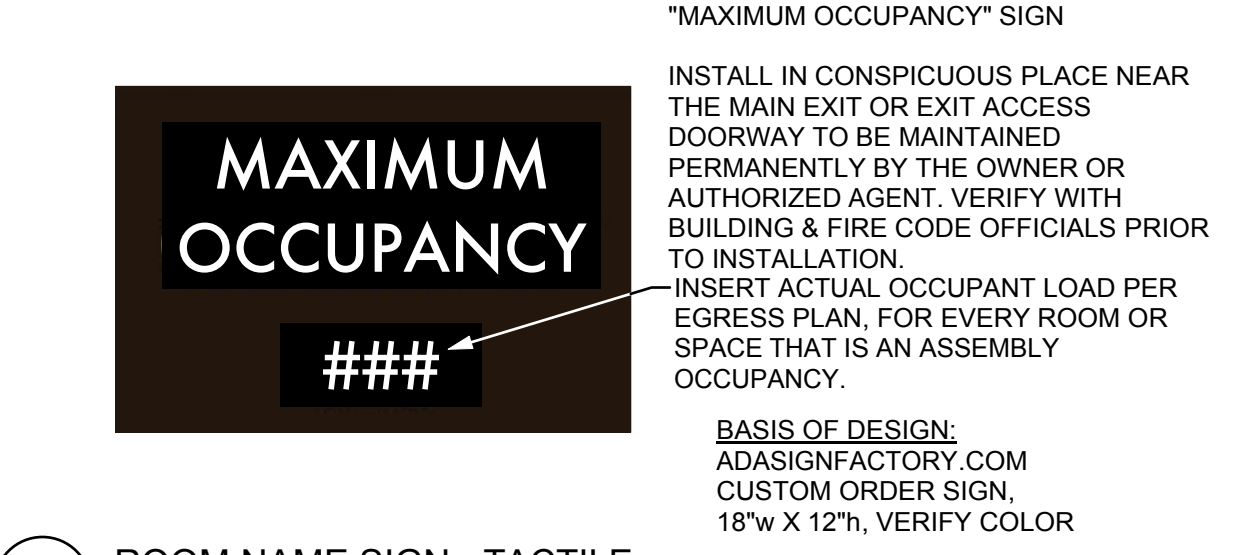
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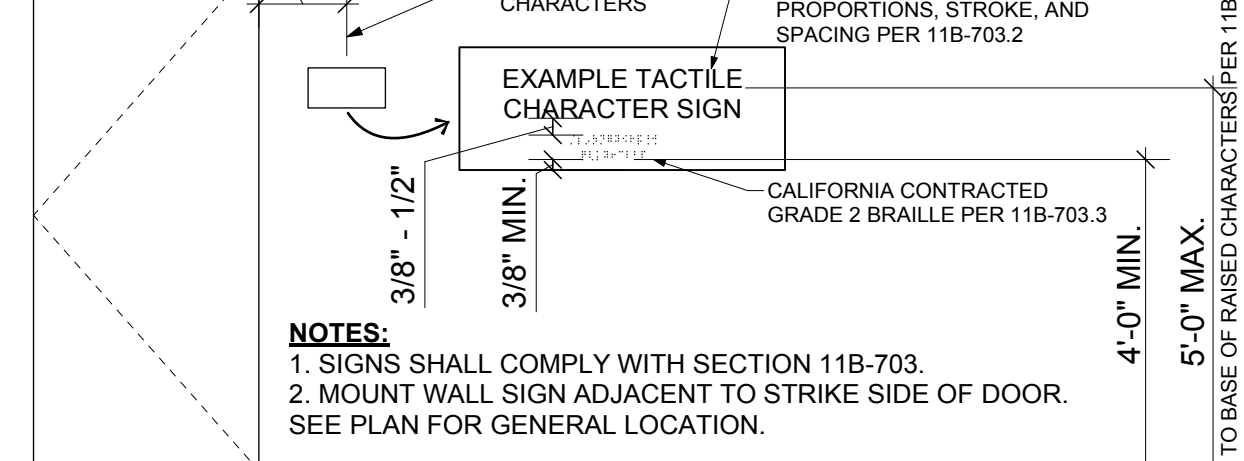
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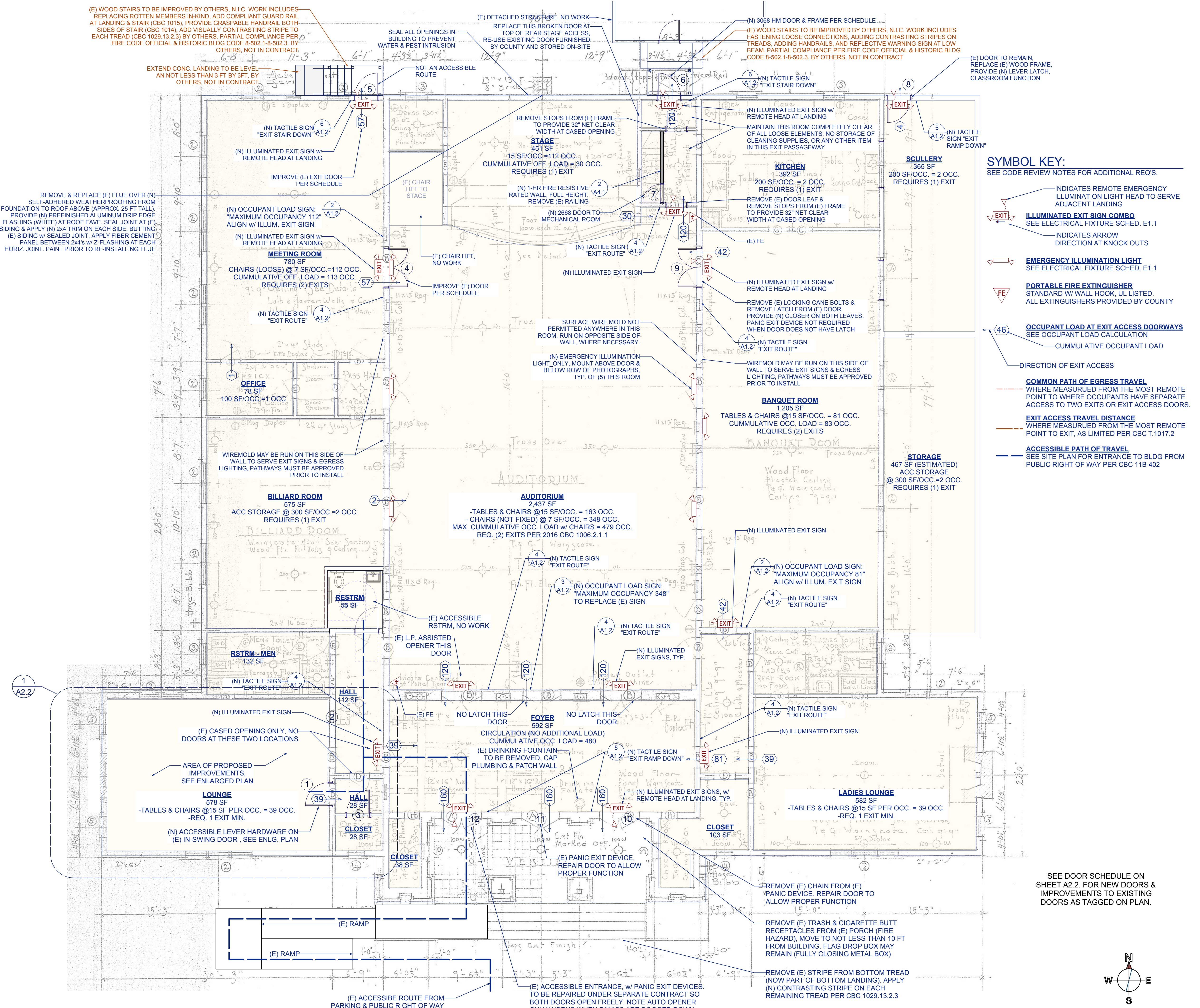
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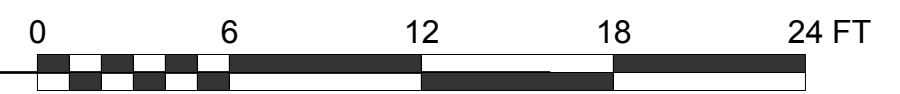
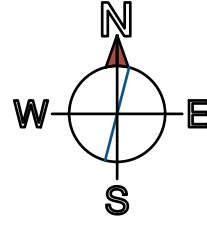
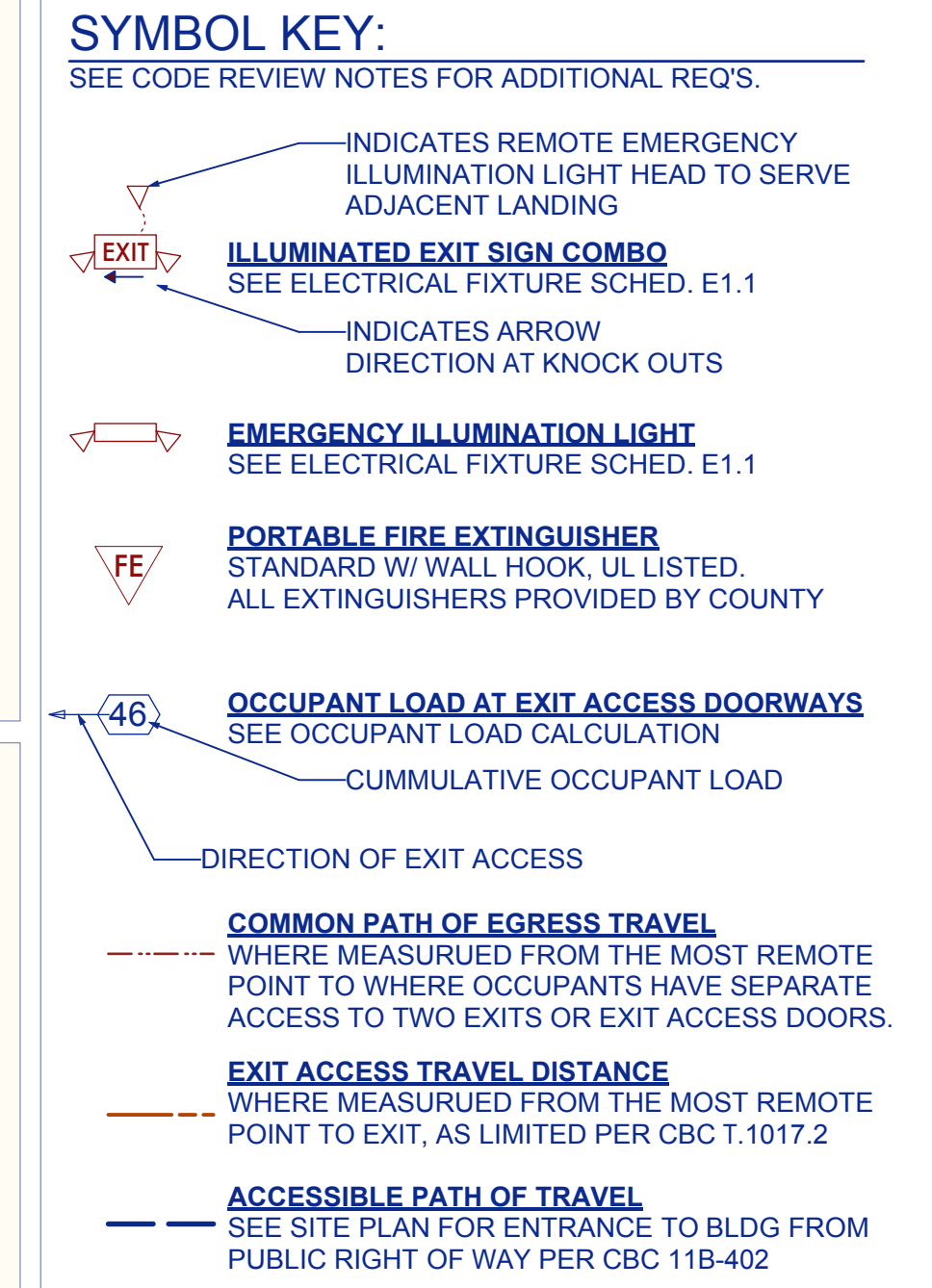
5 MAXIMUM OCCUPANCY
NTS



6 ROOM NAME SIGN - TACTILE
NTS



1 OCCUPANCY & CODE REVIEW FLOOR PLAN
Scale: 1/72



FOOD SERVICE EQUIPMENT NOTES:

1. REFER TO SHEET P1.1 PLUMBING PLAN FOR EQUIPMENT AND PLUMBING FIXTURE SCHEDULE.
2. SEE MANUFACTURER'S SPECIFICATION SHEETS FOR DETAILS FOR ALL EQUIPMENT.
3. SEE PLUMBING, ELECTRICAL, AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION, COORDINATE ALL EQUIPMENT UTILITY CONNECTIONS.
3. VERIFY WITH OWNER PRIOR TO INSTALLATION OF ALL EQUIPMENT.

FINISHES IN FOOD SERVICE AREAS:

ALL FINISHES IN FOOD SERVICE AREAS TO COMPLY WITH THE LATEST CALIFORNIA RETAIL FOOD CODE (CRFC).

1. FLOORS SHALL BE DURABLE, SMOOTH, AND IMPERVIOUS TO WATER, GREASE AND ACID, AND OF EASILY CLEANABLE CONSTRUCTION. CRFC 114268(A).
2. FLOORS SHALL CONTINUE UP WALLS OR TOE-KICKS AT LEAST 4" FORMING AN INTEGRAL 3/8" MINIMUM RADIUS COVE. (CRFC 114268(B))
3. WHERE FLOOR DRAINS ARE REQUIRED, THE FLOOR SURFACES SHALL SLOPE AT A MINIMUM OF 1/32" PER FOOT TOWARDS THE FLOOR DRAIN. (CRFC 114269(A))
4. WALLS AND CEILINGS OF ALL AREAS (EXCEPT BAR AREAS, CONTAINERED FOOD STORAGE ROOMS, DINING AREAS, AND OFFICES) SHALL BE DURABLE, SMOOTH, NONABSORBENT, AND WASHABLE. (CRFC 114271(A & B))
5. WALLS AND CEILINGS IN FOOD PREPARATION, AND UTENSIL WASHING AREAS SHALL BE LIGHT COLORED.
6. ACOUSTICAL CEILING TILES MAY BE USED PROVIDED THEY MEET REQUIREMENTS SET FORTH IN CRFC 114271.
7. WALLS BEHIND SINKS AND DISHTABLES SHALL BE COVERED WITH A DURABLE WATERPROOF MATERIAL EXTENDING FROM THE TOP OF THE COVED BASE TO AT LEAST 12" ABOVE BACKSPLASH.
8. WALLS ADJACENT TO FLOOR MOUNTED MOP SINKS SHOULD BE COVERED WITH A DURABLE WATERPROOF MATERIAL EXTENDING FROM THE TOP OF THE SINK TO AT LEAST 48" ABOVE THE FLOOR. (CRFC 114155)
9. PROVIDE A DURABLE, CLEANABLE, SMOOTH, NONCORRODIBLE AND NONFLAMMABLE MATERIAL BEHIND THE COOK LINE AND ANY ADJACENT SIDEWALLS, OR THOSE IN CLOSE PROXIMITY. (CRFC 114155)

SERVICE AREA ACCESSIBILITY NOTES:

1. ALL DINING AREAS SHALL BE ACCESSIBLE PER 2016 CBC CH. 11B.
2. EACH DINING, BANQUET AND BAR AREA SHALL HAVE AT LEAST ONE WHEELCHAIR SEATING SPACE FOR EACH 20 SEATS, WITH AT LEAST ONE MINIMUM WHEELCHAIR SEATING SPACE PER FUNCTIONAL AREA. SUCH SEATING SHALL BE DESIGNED AND ARRANGED TO PERMIT USE BY WHEELCHAIR OCCUPANTS, AND SHALL COMPLY WITH SECTION 2016 CBC 11B-206, FIXED OR BUILT-IN SEATING, TABLES, AND COUNTERS. ACCESS TO SUCH SEATING SPACES SHALL BE PROVIDED WITH MAIN AISLES NOT LESS THAN 36" CLEAR WIDTH. THE OWNER SHALL PROVIDE ALL FURNITURE UNLESS SPECIFIED OTHERWISE.
3. WHERE FOOD OR DRINK IS SERVED AT COUNTERS EXCEEDING 34" IN HEIGHT FOR CONSUMPTION BY CUSTOMERS SEATED OR STANDING AT THE COUNTER, A PORTION OF THE MAIN COUNTER WHICH IS 60" IN LENGTH MINIMUM SHALL BE PROVIDED IN COMPLIANCE WITH 2016 CBC 11B-306)
4. SALES SERVICE COUNTERS AND SELF SERVICE TABLEWARE, DISHWARE, CONDIMENTS, FOOD AND BEVERAGE DISPLAY SHELVES AND DISPENSING DEVICES SHALL COMPLY WITH 2016 CBC 11B-227.1.
5. FOOD PREPARATION AREA: ACCESS TO FOOD PREPARATION AREAS SHALL COMPLY WITH THE PROVISIONS FOR ENTRANCE DOORS AND DOORWAYS IN CBC SECTION 1008, AND AISLES IN SECTIONS 1014.4 AND 1014.4.1 AND 2016 CBC 11B.

FLOOR FINISH SCHEDULE:

- VINYL FLOORING, SELF-COVE:
- **ARMSTRONG - IRONBARK 5A061, ACCOLADE PLUS, OR EQ.**
- HOMOGENEOUS SHEET, SELF COVE, 2.0mm COMMERCIAL VINYL w/ POLYURETHANE COATING, INSTALL w/ (N) 1/4" PLYWD UNDERLAYMENT or (E) 3/4" PLYWD SUBFLR, w/ FULL ADHESIVE & COVE PER MANUFR INSTNS.
- LUXURY VINYL PLANK:
- **MOHAWK RVL44-RELEVANCE, COLOR 13 SANDSTORM, OR EQ.**
- WATERPROOF CLICK-LOCKING, 6.5mm, 7"x49" FLOATING INSTALL w/ BUILT-IN PAD ON BOTTOM OF PLANKS, COVER PERIMETER EDGES w/ BASEBOARD.

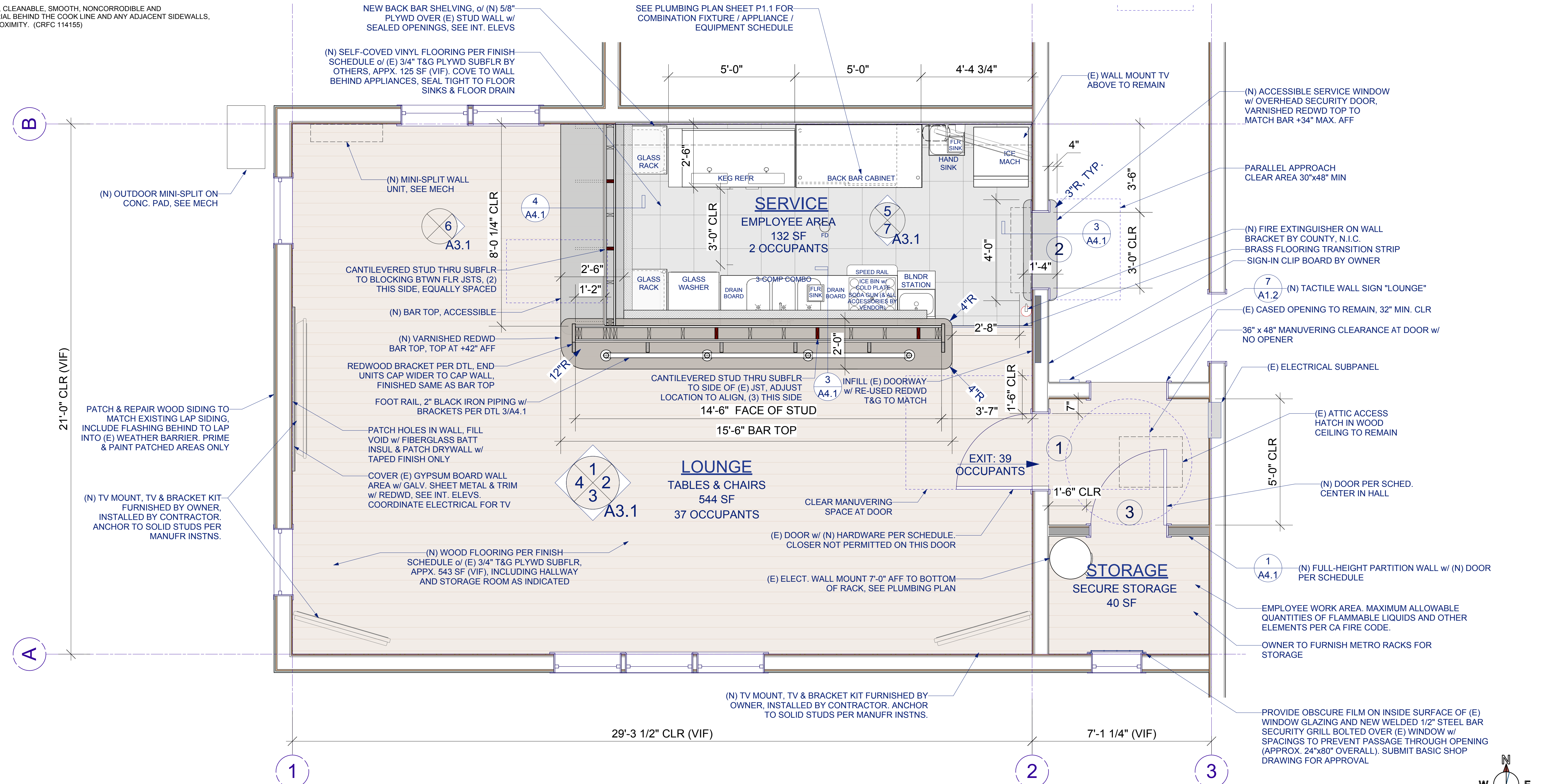
DOOR SCHEDULE

ID	WIDTH	HEIGHT	NEW / EXISTING	DOOR TYPE	FRAME	FIRE RATING	GLAZING	EXT. INT.	KICK PLATE(S)	CLOSER	LOCK TYPE (ANSI #)	NOTES
1	3'-0"	6'-8"	(E) DOOR (N) HDWR	(E) WOOD	(E) WOOD	NO	NO	-	X	BOTH SIDES	NO	(N) LEVER - CLASSROOM
2	3'-0"	3'-6"	ALL NEW	(N) ROLL-UP	(N) ROLL-UP	NO	NO	-	X	-	N/A	(N) INTERIOR SLIDE BOLT PER MANUFR
3	3'-0"	6'-8"	ALL NEW	(N) WOOD	(N) WOOD	NO	NO	-	X	BOTH SIDES	NO	(N) LEVER - STOREROOM FUNCTION
4	(2) 3'-0"	6'-8"	(E) DOOR (N) HDWR	(E) WOOD	(E) WOOD	NO	NO	-	X	NONE	NO	(N) PANIC DEVICE BOTH LEAVES w/ UPRODS ONLY
5	3'-0"	6'-8"	(E) DOOR (N) HDWR	(E) WOOD	(E) WOOD	NO	NO	X	-	(N) PUSH SIDE	YES (N)	(N) PANIC DEVICE, RIM TYPE
6	3'-0"	6'-8"	ALL NEW	(N) HM	(N) HM	NO	NO	X	-	(N) PUSH SIDE	YES (N)	(N) PANIC DEVICE, RIM TYPE
7	3'-0"	6'-8"	ALL NEW	(N) HM	(N) HM	NO	NO	X	-	NONE	YES (N)	(N) LEVER - CLASSROOM
8	3'-0"	6'-8"	(E) DOOR	(E) WOOD	REPLACE (E) WOOD FRAME	NO	NO	-	X	NONE	NO	(N) LEVER - CLASSROOM
9	(2) 3'-0"	6'-8"	(E) DOOR	(E) WOOD	(E) WOOD	NO	NO	-	X	NONE	YES (N)	NONE - NO LATCH ON THESE DOORS
10	(2) 2'-6"	6'-8"	(E) DOOR	(E) WOOD	(E) WOOD	NO	(E)	X	-	NONE	YES (E)	(E) PANIC w/ UP-DOWN RODS
11	(2) 2'-6"	6'-8"	(E) DOOR	(E) WOOD	(E) WOOD	NO	(E)	X	-	NONE	YES (E)	(E) PANIC w/ UP-DOWN RODS
12	(2) 2'-6"	6'-8"	(E) DOOR	(E) WOOD	(E) WOOD	NO	(E)	X	-	NONE	YES (E)	(E) PANIC w/ UP-DOWN RODS & ADA OPENER

DOOR NOTES:

1. SUBMIT DOOR & HARDWARE SCHEDULES AND PRODUCT DATA FOR APPROVAL.
2. ALL DOORS SHALL COMPLY WITH ALL ACCESSIBILITY AND EGRESS PROVISIONS.
3. ALL DOORS ARE 1-3/4" THICK UNLESS NOTED OTHERWISE.
4. ROLL-UP SECURITY DOOR #2 BASIS OF DESIGN:
OVERHEAD DOOR - MODEL 850, COUNTER DOOR OR PRE-APPROVED EQUAL.
SLATS F-158, GALVANIZED STEEL, BAKED ON POLYESTER TOP COAT - GRAY, w/ HOOD, FACE-OF-WALL MOUNT, MANUAL PUSH-UP.
5. INTERIOR SOLID CORE WOOD DOOR #3 BASIS OF DESIGN:
SIMPSON WOOD PANEL DOOR, FINISH TO MATCH (E) REDWOOD DOORS, SEE RECENTLY INSTALLED RESTROOM DOOR ACROSS HALL.
6. EXT. HOLLOW METAL DOORS: LEVEL 3, GALVANIZED 16 GAUGE SEAMLESS, POLYSTYRENE FOAM INSUL. CORE, WEATHERSTRIPPED.
7. INTERIOR HOLLOW METAL DOOR FRAMES ARE KNOCK DOWN TYPE HOLLOW METAL.
8. HARDWARE FINISH: ANTIQUE BRONZE.
9. DOOR & FRAME FINISH: PAINT DOORS PER MANUFR INSTRUCTIONS. TOUCH-UP WHERE AREAS ARE AFFECTED BY DOOR INSTALLATION. PREP WITH PRIMER & SEALANT AT ALL JOINTS.
10. DOORS SHALL BE OPERABLE WITHOUT THE USE OF TIGHT GRASPING, PINCHING, TWISTING, ETC. USE LEVER TYPE HANDLES.
11. ALL GLAZING IN INTERIOR DOORS AND SIDELITES IS SINGLE-PANE SAFETY GLAZING, LABELED ON GLASS SURFACE.
12. ALL THRESHOLDS SHALL COMPLY WITH CBC 11B-404.2.5 THRESHOLDS SO THAT THEY ARE NOT MORE THAN 1/2" TALL & BEVELED 2:1 w/ NOT MORE THAN 1/4" VERTICAL FACE PER CBC FIGURES 11B-303.2 AND 11B-303.3.
13. ALL DOORS SHALL HAVE LANDINGS SLOPED NOT MORE THAN 2% ON BOTH SIDES OF DOOR.

SEE DOOR LOCATIONS TAGGED ON PLAN ON SHEET A1.2.



1 PROPOSED PLAN
Scale: 1/2" = 1'-0"

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PROPOSED PLAN

Drawing Status:
CONSTRUCTION DOCUMENTS

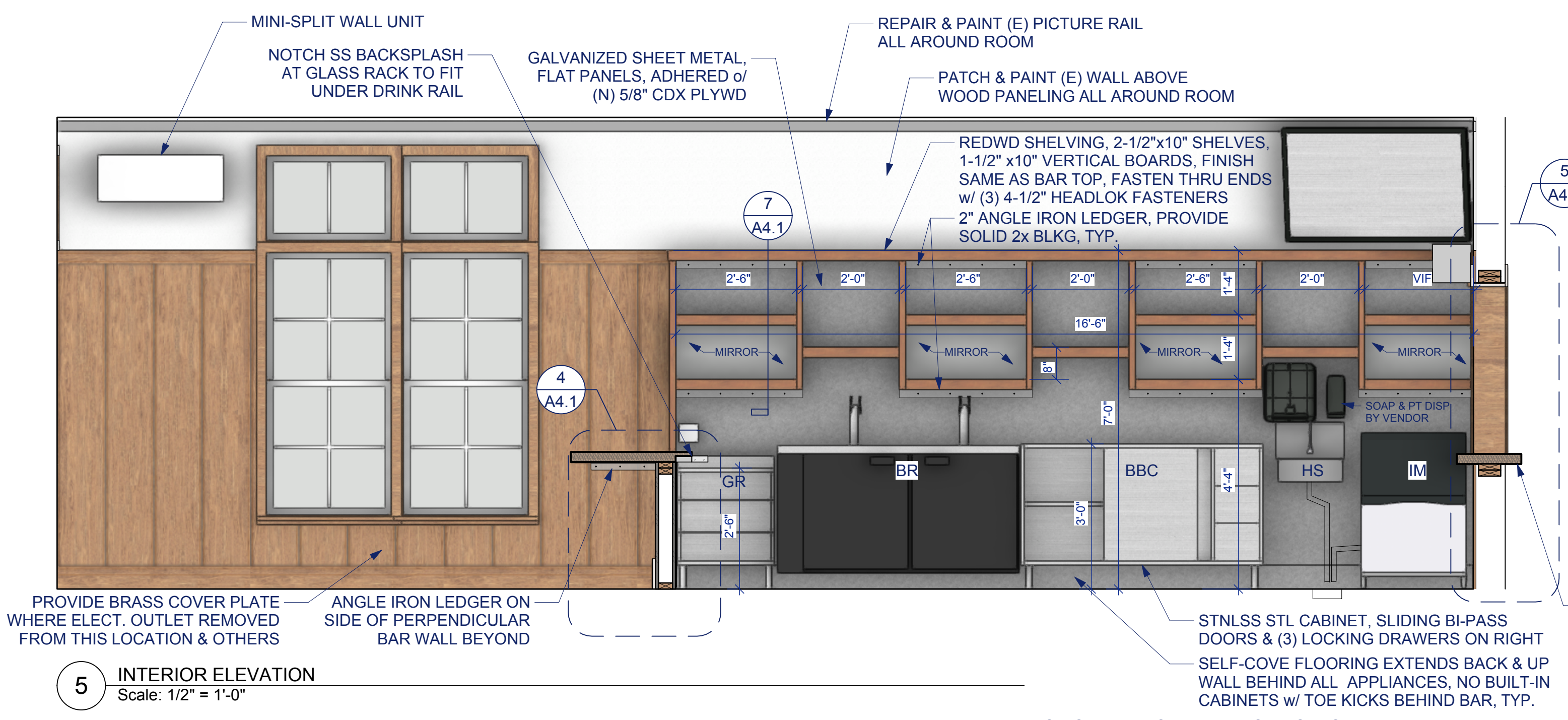
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Revisions:

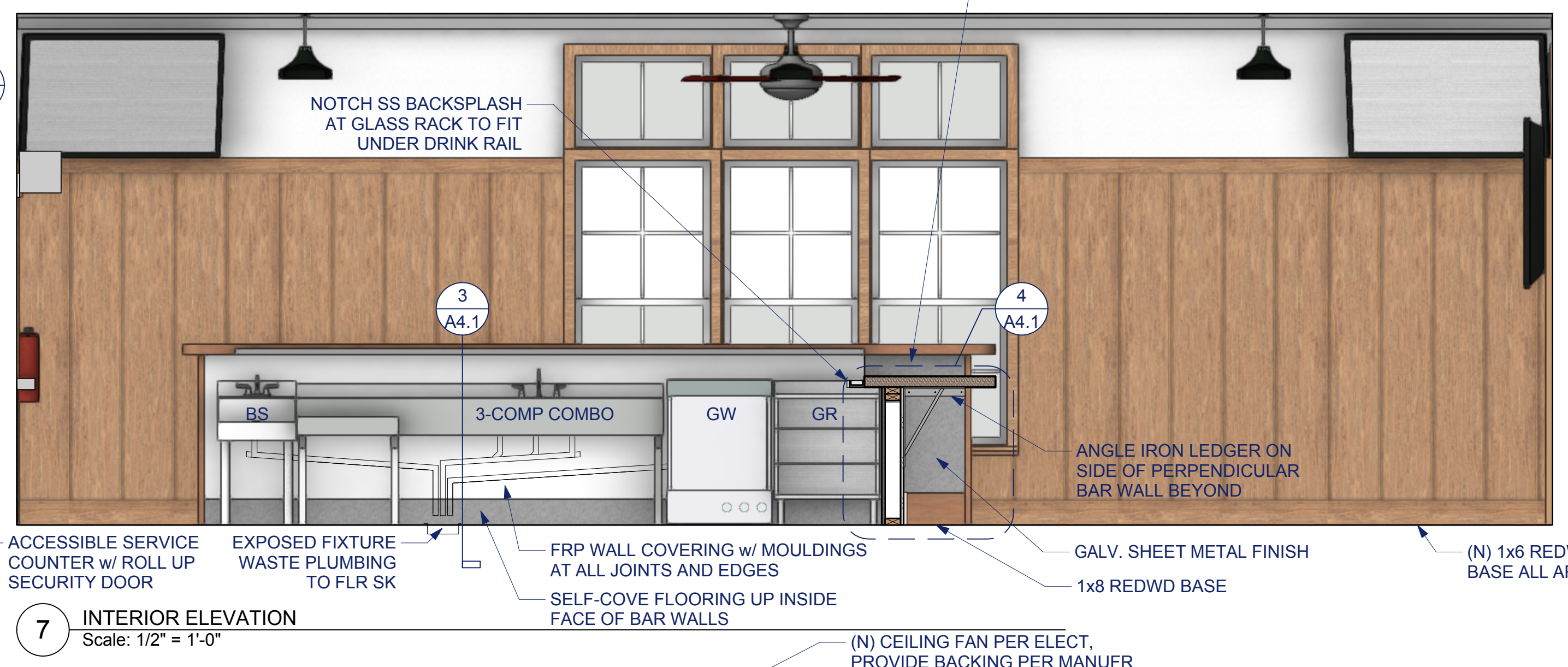
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A2.2

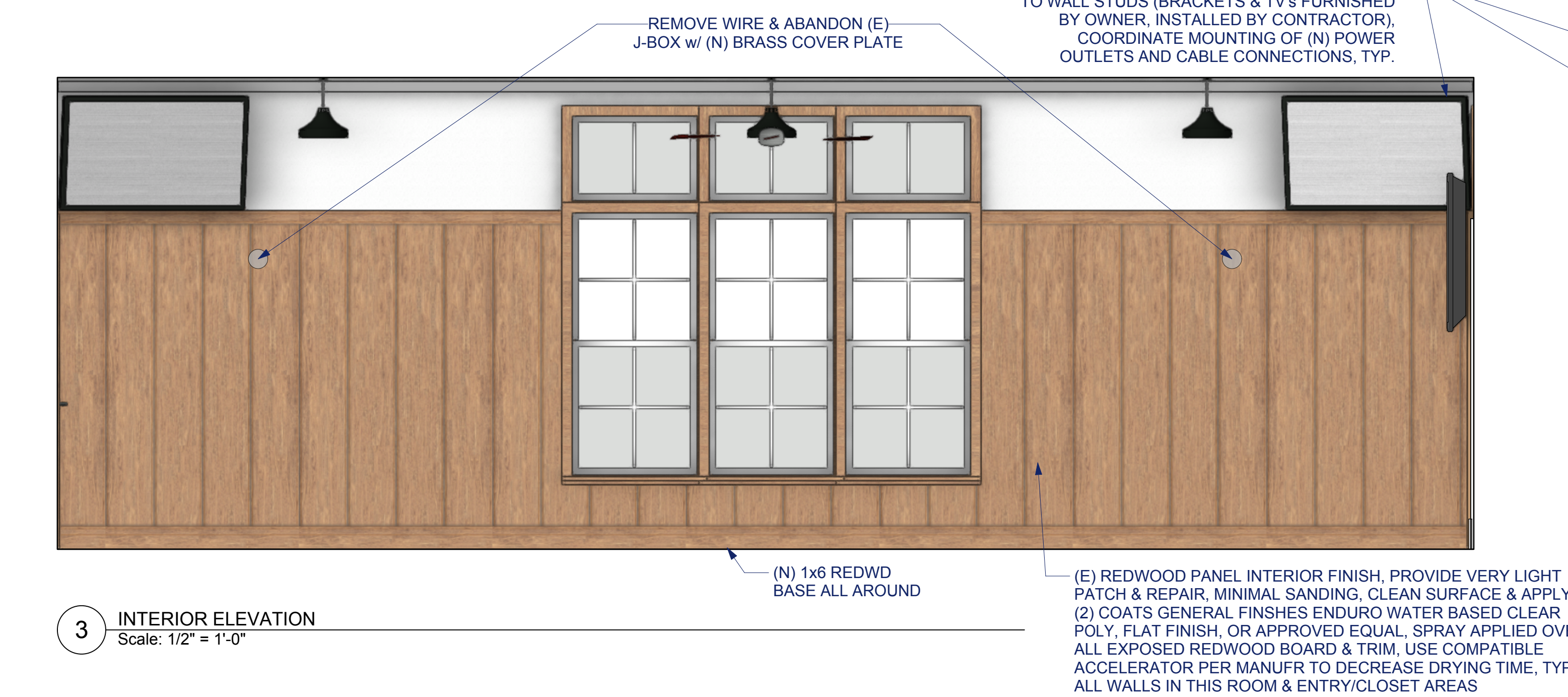
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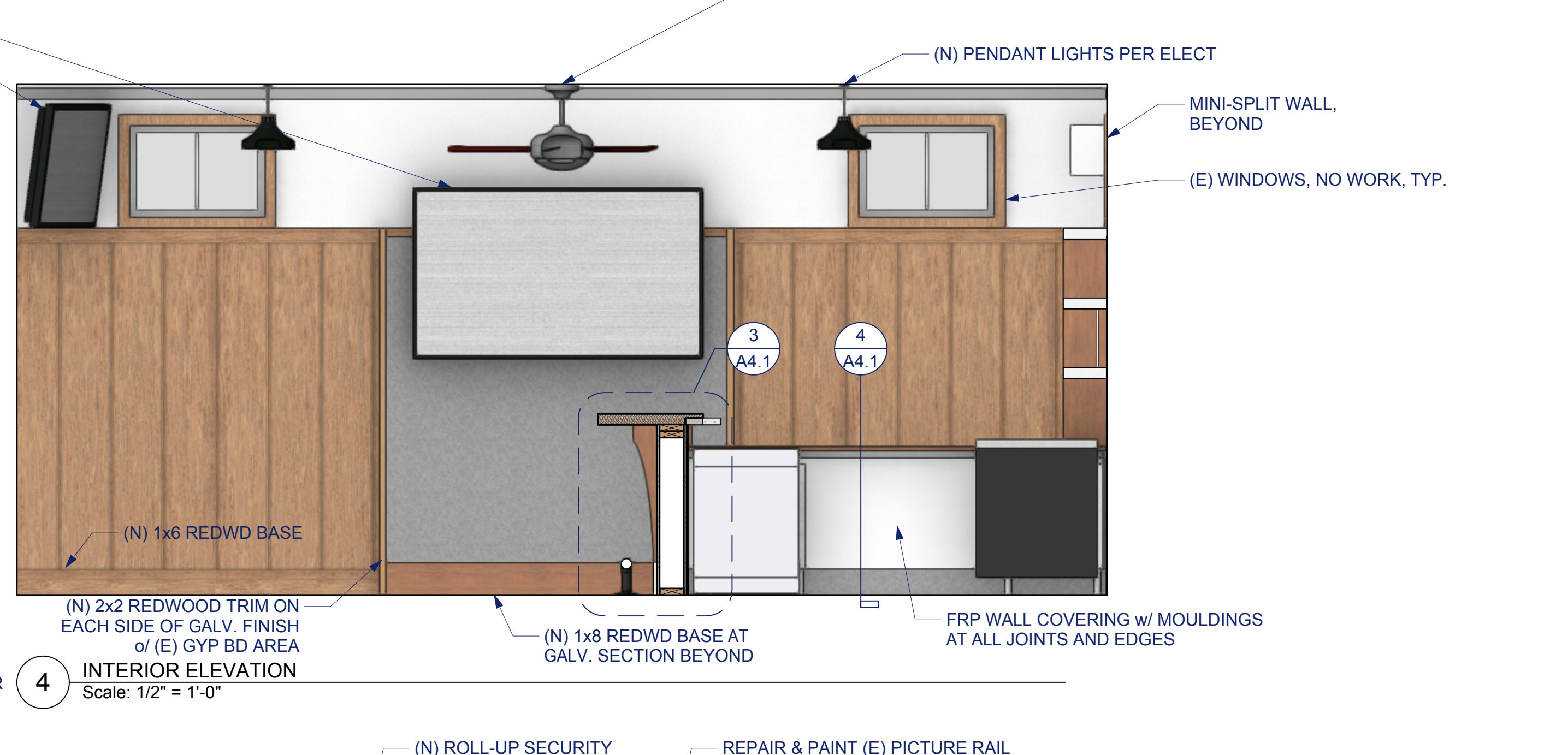
5 INTERIOR ELEVATION
 Scale: 1/2" = 1'-0"



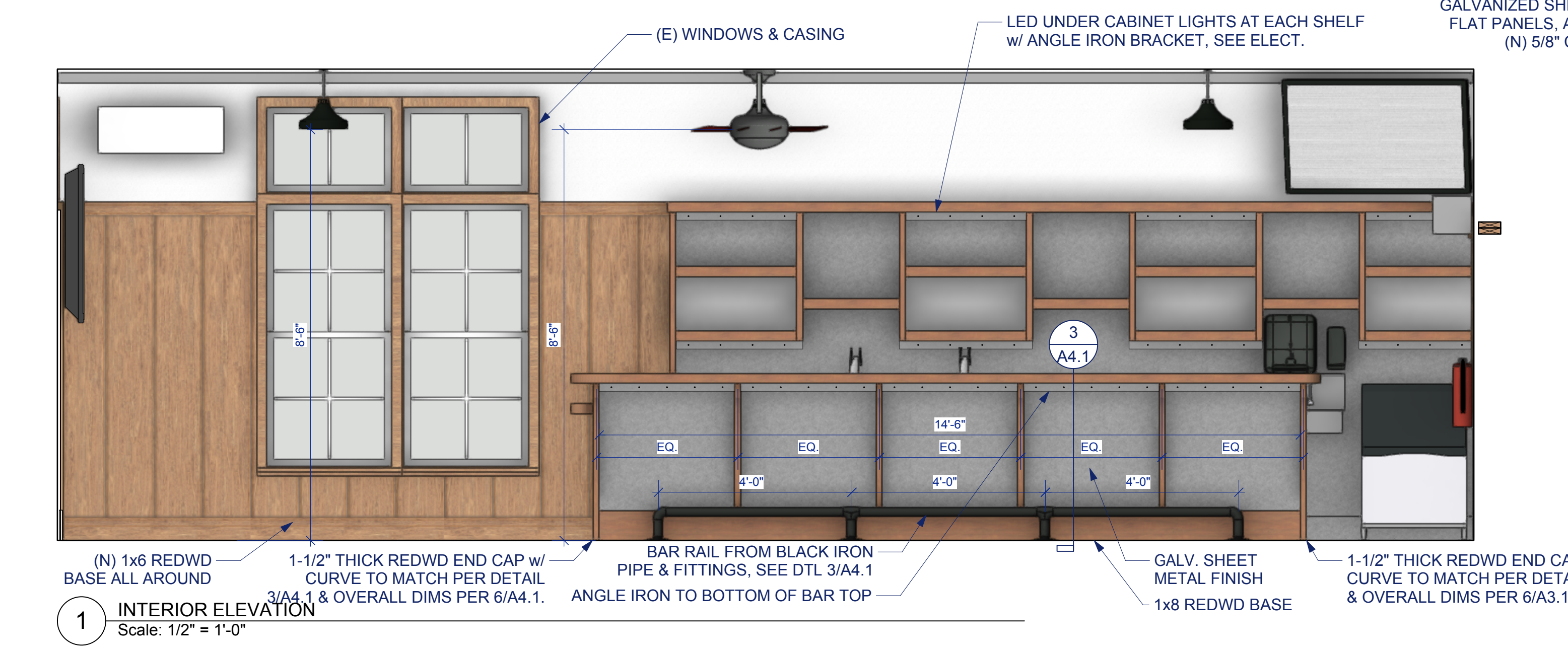
7 INTERIOR ELEVATION
 Scale: 1/2" = 1'-0"



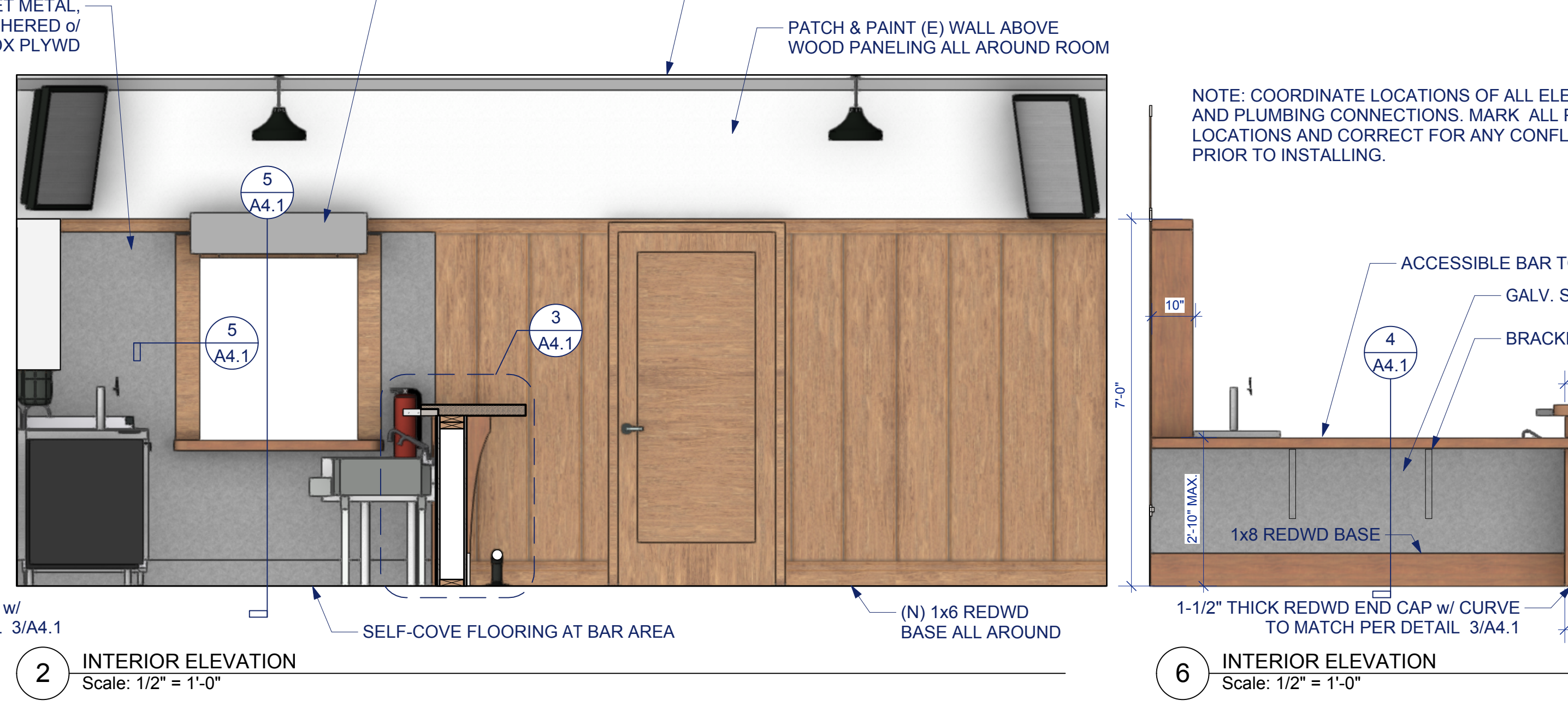
3 INTERIOR ELEVATION
 Scale: 1/2" = 1'-0"



4 INTERIOR ELEVATION
 Scale: 1/2" = 1'-0"

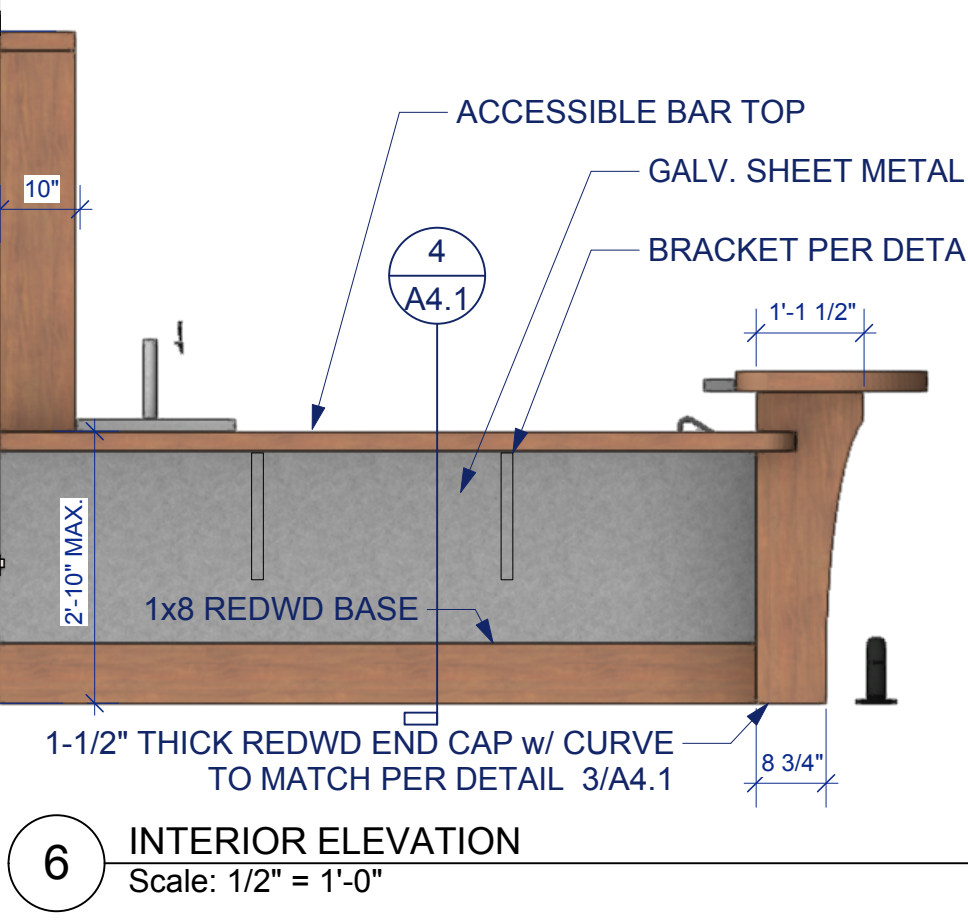


1 INTERIOR ELEVATION
 Scale: 1/2" = 1'-0"

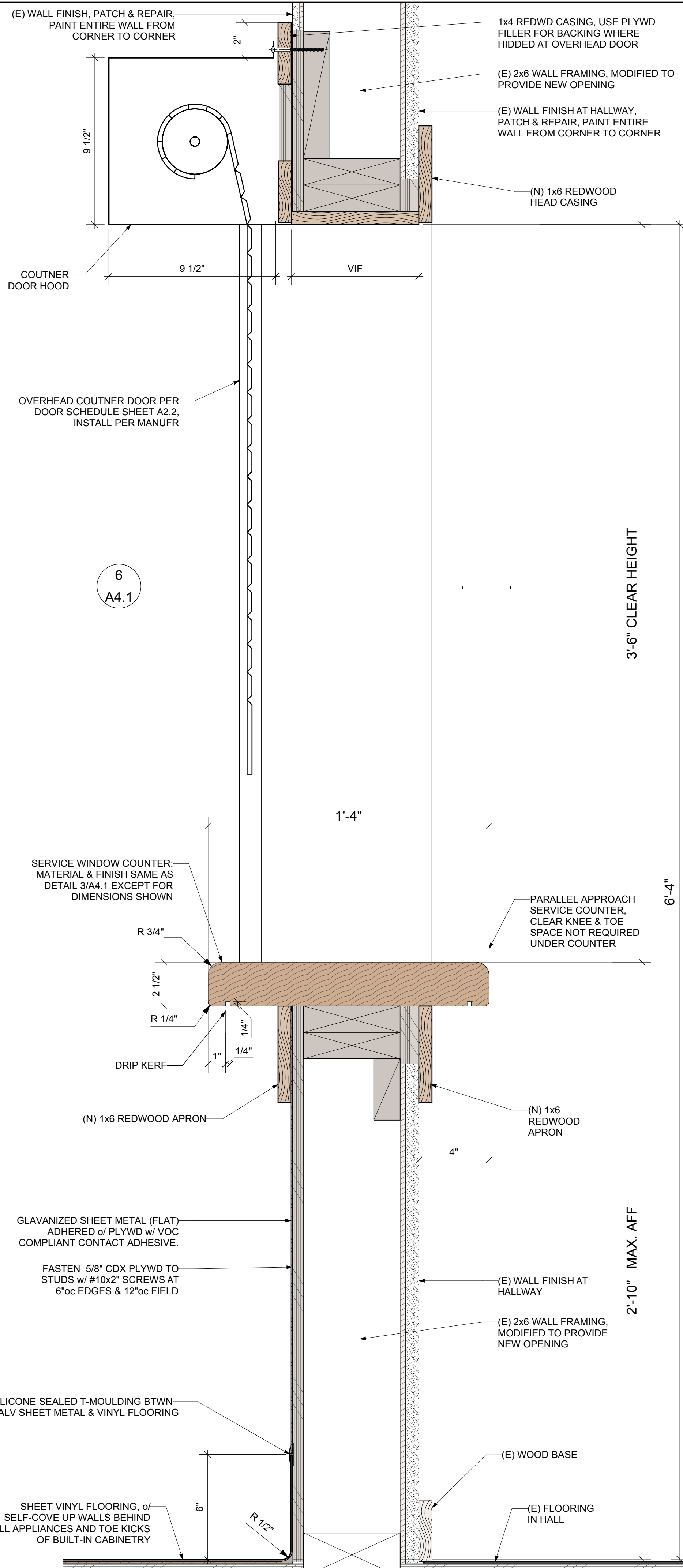


2 INTERIOR ELEVATION
 Scale: 1/2" = 1'-0"

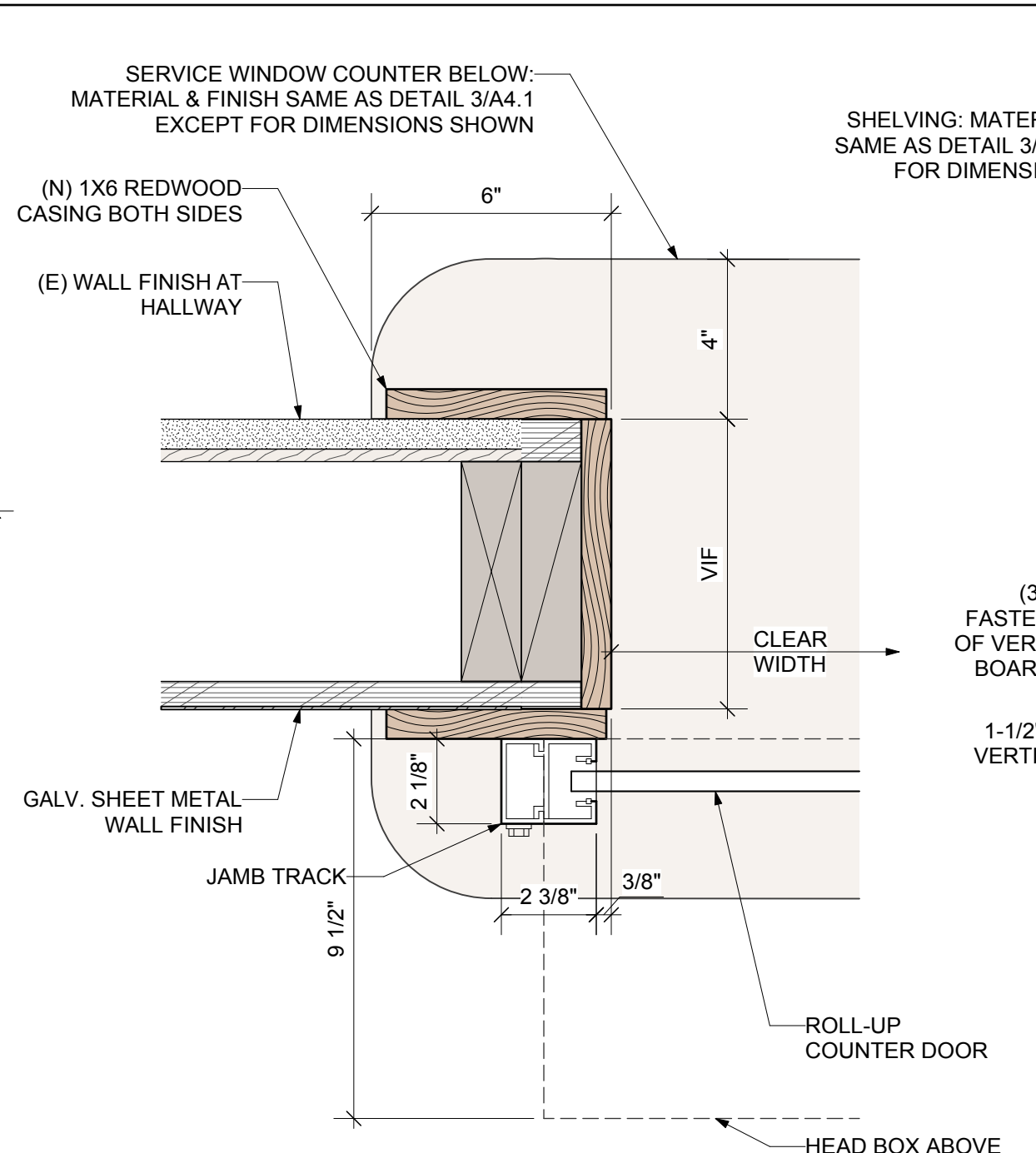
NOTE: COORDINATE LOCATIONS OF ALL ELECTRICAL AND PLUMBING CONNECTIONS. MARK ALL PROPOSED LOCATIONS AND CORRECT FOR ANY CONFLICTS PRIOR TO INSTALLING.



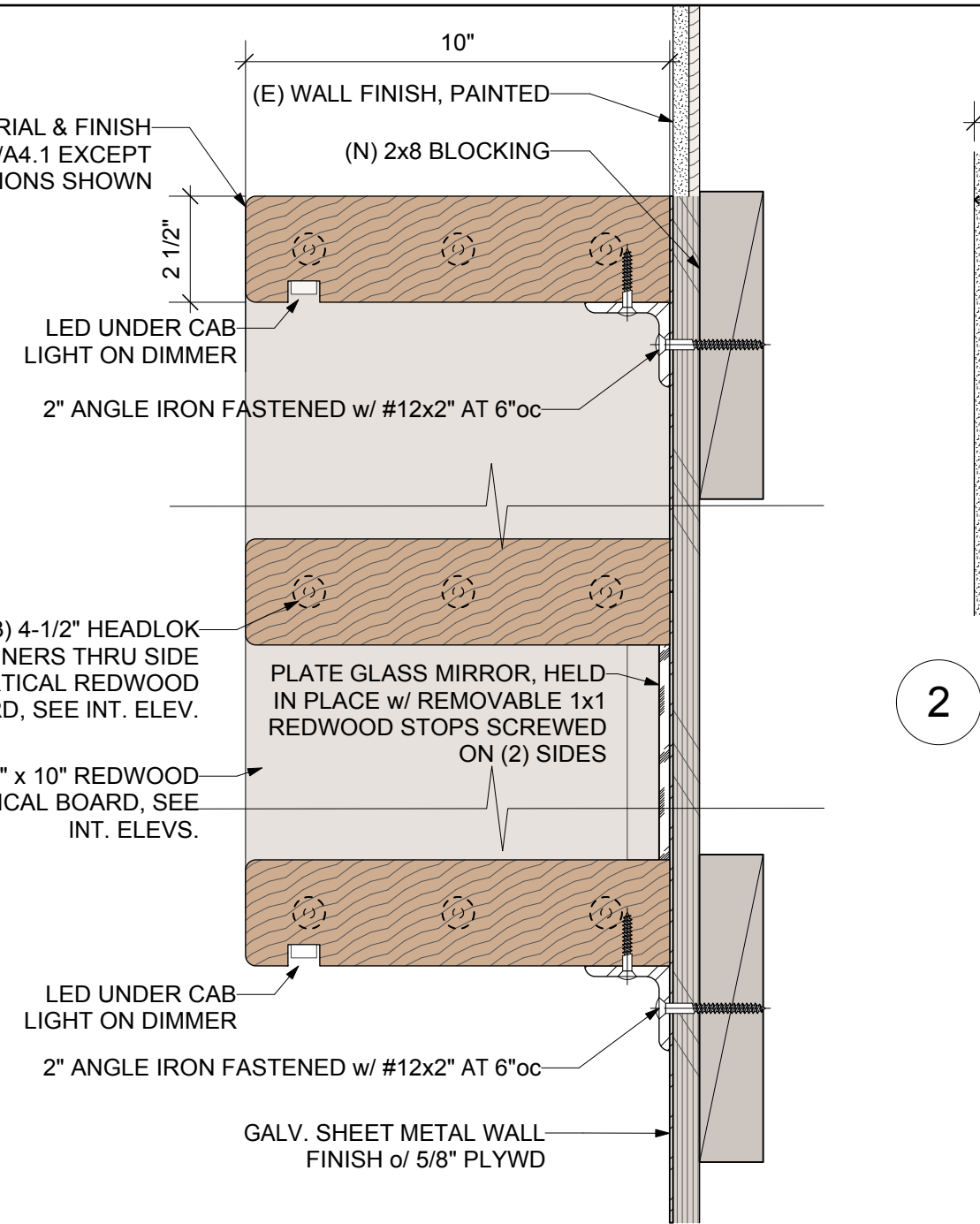
6 INTERIOR ELEVATION
 Scale: 1/2" = 1'-0"



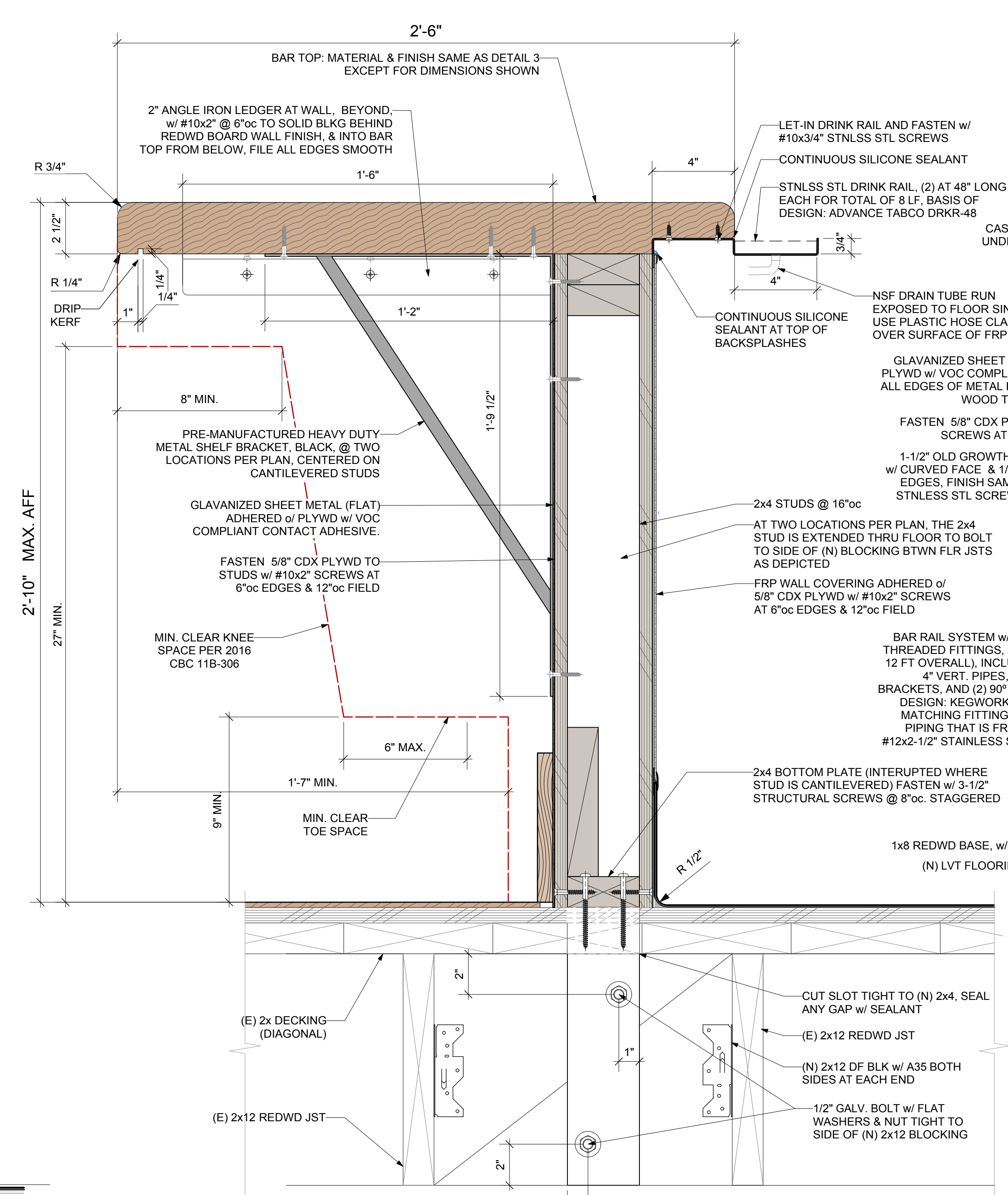
5 ACCESSIBLE SERVICE WINDOW SECTION
Scale: 3" = 1'-0"



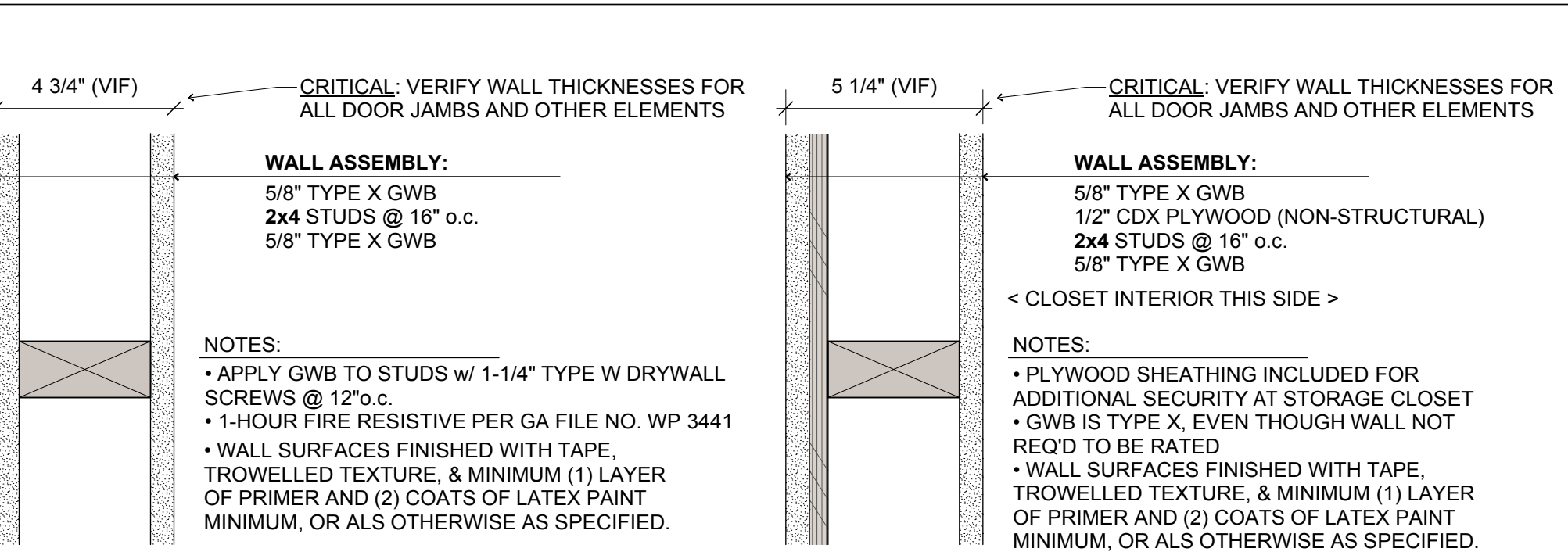
6 SERVICE WINDOW JAMB
Scale: 3" = 1'-0"



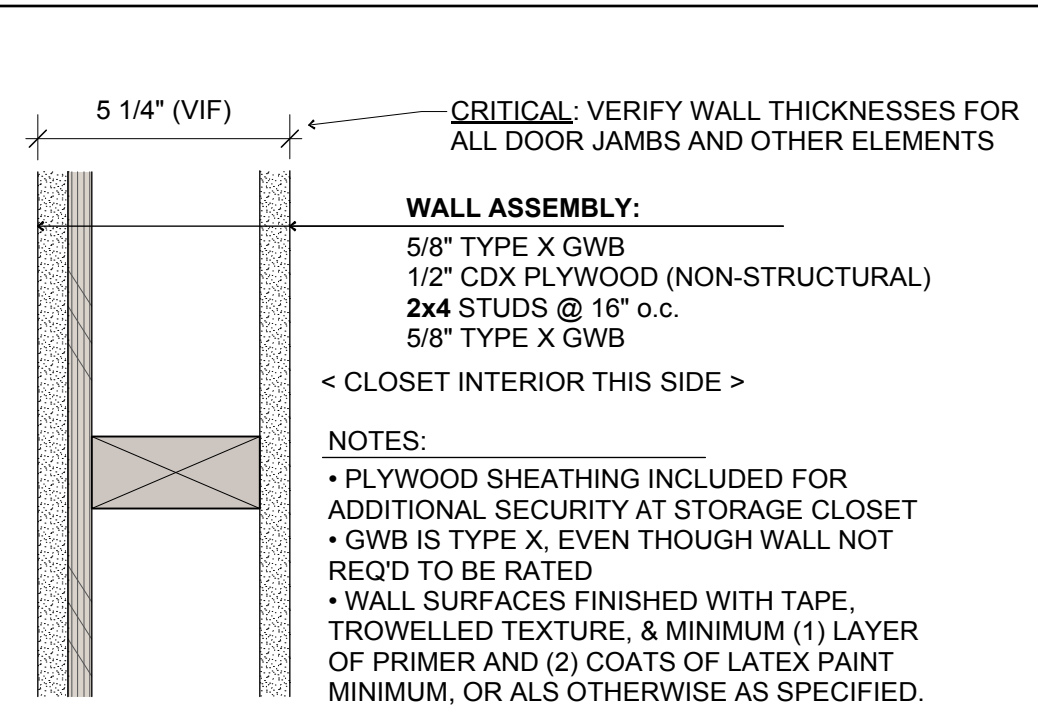
7 BACK BAR SHELVES
Scale: 3" = 1'-0"



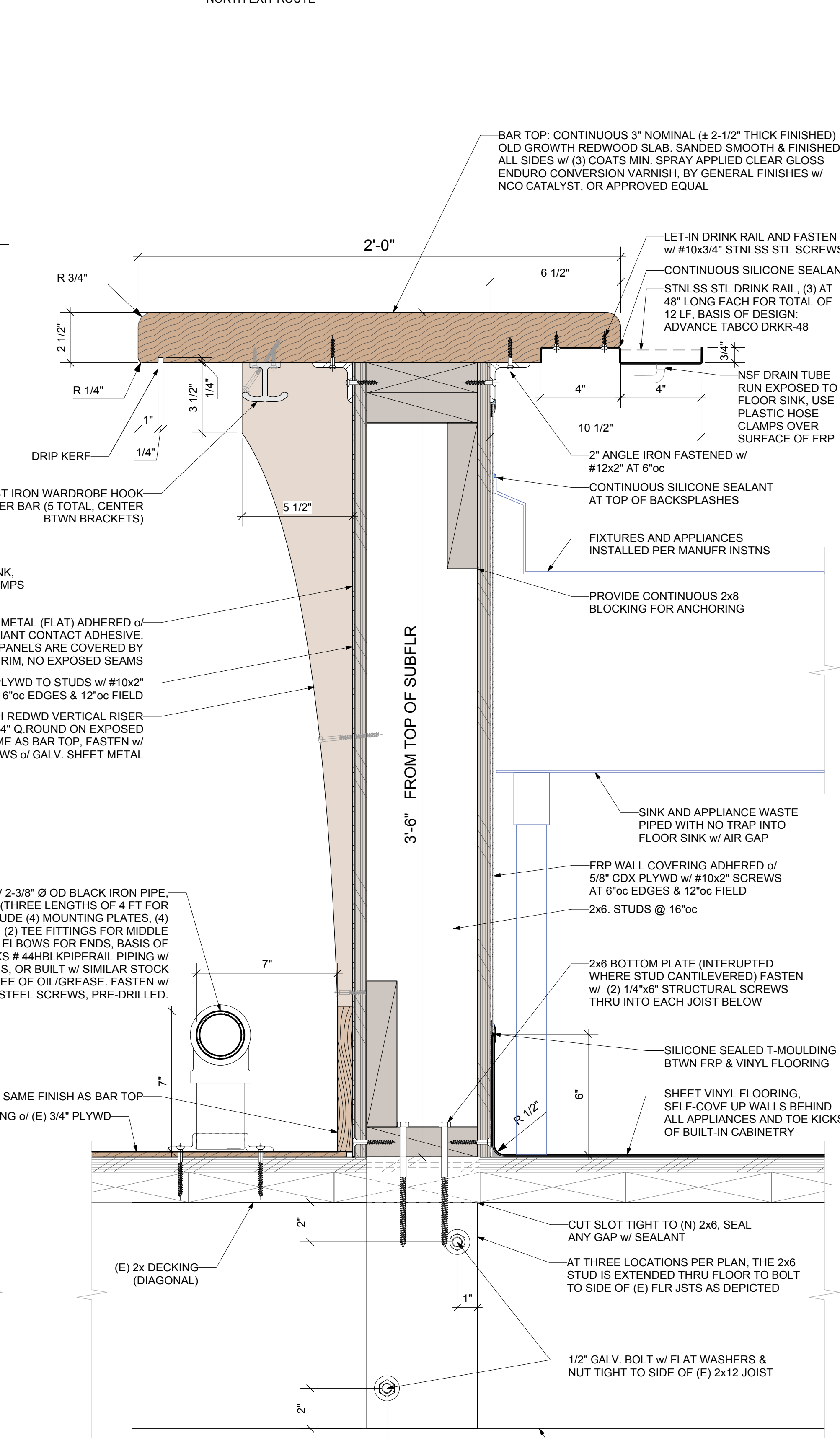
4 ACCESSIBLE BAR CROSS SECTION
Scale: 3" = 1'-0"



2 WALL ASSEMBLY: INTERIOR 2x4, 1-HR RATED
Scale: 3" = 1'-0"
SEE PLAN A1.2 FOR LOCATION AT NORTH EXIT ROUTE




1 WALL ASSEMBLY: INTERIOR 2x4 NON-RATED
Scale: 3" = 1'-0"



3 BAR CROSS SECTION
Scale: 3" = 1'-0"

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DETAILS

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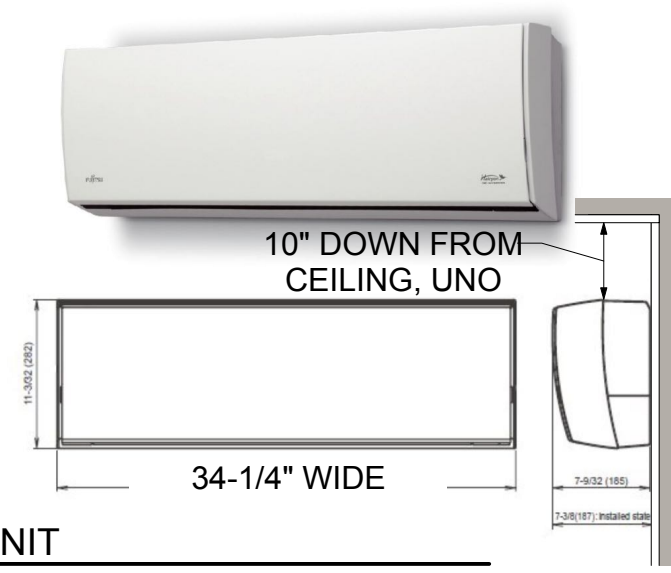
Revisions:

Sheet No.

A4.1

Indoor Unit Power	208-230VAC-1Ph-60Hz
Available Voltage Range	197-253VAC
Fan Type	Cross flow
Motor Output	29W
MCA	0.4A
Sound Pressure Level	
Cooling	Lo-Hi 25-45dB
Heating	Lo-Hi 25-45dB
Airflow rate	
Cooling	Lo-Hi 229-529dB
Heating	Lo-Hi 233-559dB
Dimensions	H x W x D
Uncrated	(in) 11-3/32 x 34-1/4 x 7-9/32
	(mm) (282 x 870 x 185)
Crated	(in) 9-23/32 x 36-7/32 x 14-11/16
	(mm) (247 x 920 x 373)
Weight	Indoor
Net	21lbs (9.5kg)
Gross Shipping	27lbs (12.2kg)

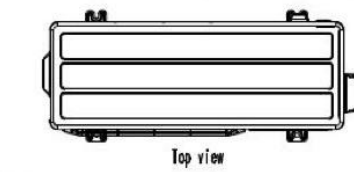
EQUIPMENT ANCHORAGE: FASTEN UNIT TO USING MANUFR'S BRACKET, USE (4) #10 MIN. SCREWS TO WOOD STUDS OR SOLID BLOCKING w/ 2" MIN. EMBEDMENT



2 HEAT PUMP - INDOOR WALL UNIT
NTS



EQUIPMENT ANCHORAGE: FASTEN UNIT TO CONCRETE PAD USING (4) 1/4"x1-3/4" HEX-HEAD CORROSION RESISTANT CONCRETE SCREWS, SIMPSON TITEN 2, OR EQ.



3 HEAT PUMP - OUTDOOR UNIT
NTS

HVAC SPACE HEATING EQUIPMENT SCHEDULE

CODE	MAUNFR	MODEL	NOTES
OU-9	FUJITSU	OUTDOOR UNIT AOU9RLS2	SINGLE-ZONE HEAT PUMP UNIT, MOUNTED ON CONCRETE PAD REFRIGERANT TYPE: R410A, CHARGE PER MANUFR SPECIFICATIONS PAIRED w/ (1) WU-9 WALL UNIT
WU-9	FUJITSU	WALL UNIT (INDOOR) ASU9RLS2	DUCTLESS INVERTER COOLING & HEATING UNIT, WALL MOUNTED, ENERGY STAR BUILT-IN AIR FILTER SYSTEM, WIRELESS REMOTE CONTROL THERMOSTAT w/ WALL MOUNTING PAIRED w/ (1) OU-9 OUTDOOR UNIT

MINI-SPLIT HEAT PUMP OUTDOOR UNIT TYPICAL NOTES:

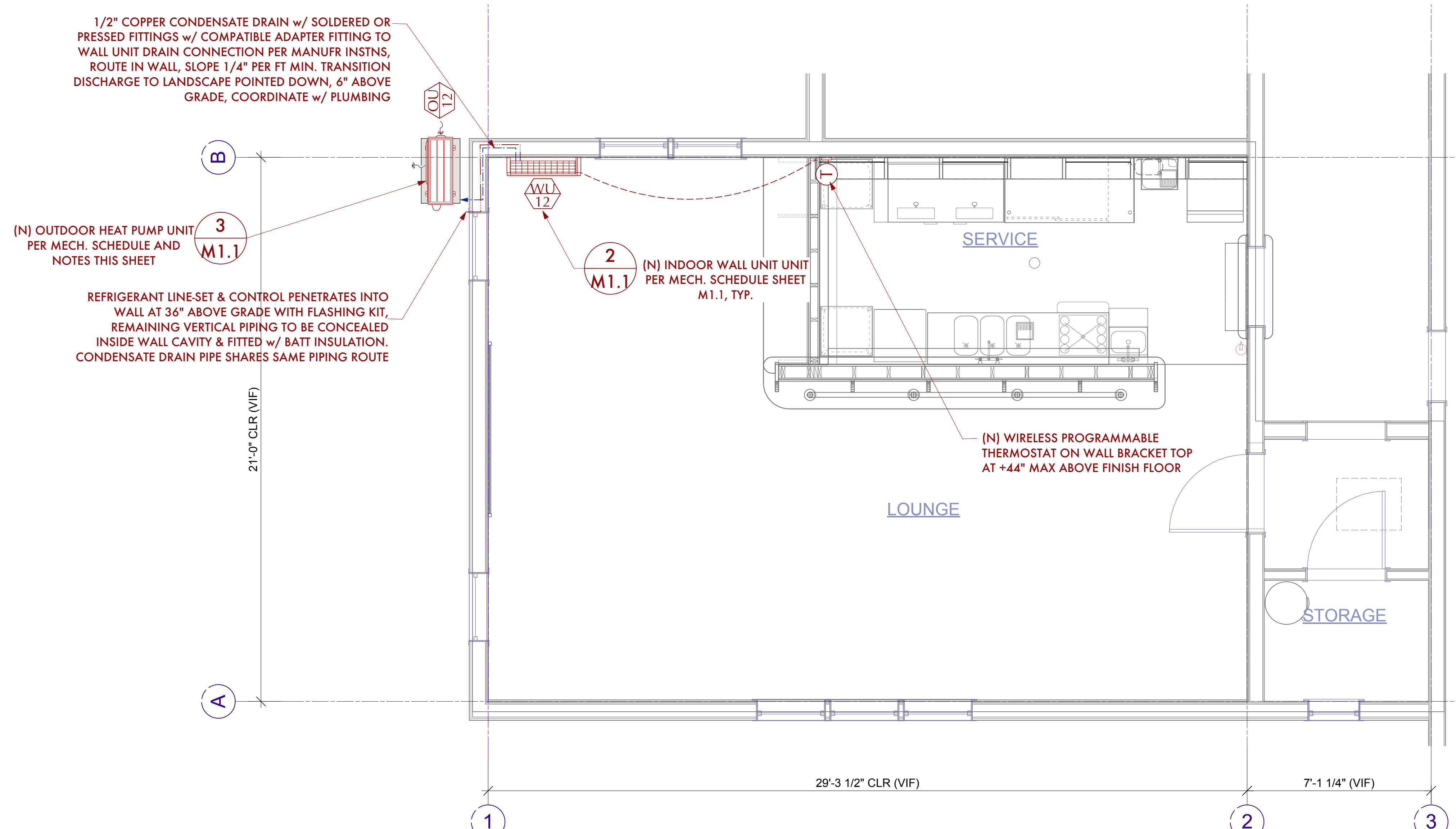
- REFER TO PLANS FOR UNIT TYPES AND LOCATIONS. FOR MINI-SPLITS EACH OUTDOOR UNIT SERVES ONE OR MORE INDOOR WALL UNIT(S).
- INSTALL PER MANUFR INSTRUCTIONS. MAINTAIN A COPY OF ALL MANUFACTURER INSTRUCTIONS ON-SITE WITH THE APPROVED CONSTRUCTION DRAWINGS AT ALL TIMES.
- MOUNT MINI-SPLIT OUTDOOR UNIT ON NEW 36"x18"x4" THICK MIN. CONCRETE PAD ON COMPACTED AGGREGATE, BY CONCRETE CONTRACTOR SEPARATE FROM BLDG FOUNDATION. SET TOP OF PAD 6" ABOVE EXISTING GRADE. CONFIRM LAYOUT WITH ARCHITECT PRIOR TO FORMING PADS.
- ELECTRICAL CONTRACTOR PROVIDES POWER TO OUTDOOR UNIT, WITH A/C DISCONNECT WITH WHIP TO MAIN POWER TERMINAL.
- HVAC CONTRACTOR PROVIDES & INSTALLS CONNECTING WIRING BETWEEN OUTDOOR UNIT AND INDOOR UNIT TERMINALS, INCLUDING 3-POLE NON-FUSED DISCONNECT SWITCH (3 mm MIN. CONTACT GAP IN ALL POLES) BASIS OF DESIGN: LEVITON MS303-DS (OR PRE-APPROVED SUBSTITUTION) LOCATED ON WALL ADJACENT TO INDOOR WALL UNIT.
- INSULATED REFRIGERANT LINE-SETS RUN COMPLETELY CONCEALED IN WALL AND ATTIC FRAMING TO EACH WALL UNIT. SEAL ALL PENETRATIONS WITH INSULATING FOAM SEALANT. COVER & PROTECT ALL LINE SETS RUNNING OUTSIDE OF BUILDING WITH DURABLE UV RESISTANT COVER.

MINI-SPLIT HEAT PUMP INDOOR WALL UNIT TYPICAL NOTES:

- REFER TO PLANS FOR MOUNTING LOCATIONS AND SEE NOTES ABOVE FOR RELEVANT INFORMATION.
- INSTALL ON MANUFR'S WALL HOOK BRACKET FASTENED TO STUDS OR 2x BLOCKING. CONFIRM INSTALLATION POSITION WITH ARCHITECT PRIOR TO INSTALLATION. TYPICAL MOUNTING HEIGHT IS WITH TOP OF UNIT 6" BELOW CEILING. COORDINATE WITH OTHER TRADES PRIOR TO ROUGH-IN.
- CONDENSATE WASTE PIPING INSTALLED BY HVAC CONTRACTOR, COMPLETELY CONCEALED IN WALL & DRAINED DIRECTLY TO OUTSIDE AND TERMINATE 6" ABOVE FINISH GRADE w/ 1/2" PVC PIPE & ELBOW FITTINGS TO DISCHARGE IN LANDSCAPE. TEST & INSPECT ALL CONDENSATE DRAINS PRIOR TO CONCEALING ANY WORK. IN CERTAIN CONDITIONS, ACCESS TO AN EXTERIOR DISCHARGE MAY NOT BE AVAILABLE. WHERE NOTED SPECIFICALLY ON PLAN, PIPE CONDENSATE TO SINK TAIL-PIECE FITTING.
- HVAC CONTRACTOR PROVIDES & INSTALLS CONNECTING WIRING BETWEEN OUTDOOR UNIT AND INDOOR UNIT TERMINALS, INCLUDING 3-POLE NON-FUSED DISCONNECT SWITCH (3 mm MIN. CONTACT GAP IN ALL POLES) BASIS OF DESIGN: LEVITON MS303-DS (OR PRE-APPROVED SUBSTITUTION) LOCATED ON WALL ADJACENT TO INDOOR WALL UNIT.

MECHANICAL GENERAL NOTES:

- REFER TO SPECIFICATION SECTION 15700 HVAC GENERAL REQUIREMENTS.
- OTHER SPECIFICATION SECTIONS ARE APPLICABLE, INCLUDING BUT NOT LIMITED TO COMMISSIONING, GREEN BUILDING REQUIREMENTS, DEMONSTRATION & TRAINING, RESIDENTIAL APPLIANCES, ETC.
- MECHANICAL PLANS ARE DIAGRAMMATIC IN NATURE AND REQUIRE COORDINATION AMONG TRADES. NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERY OF POTENTIAL CONFLICT.
- CUTTING, DRILLING, AND NOTCHING OF STRUCTURAL FRAMING MEMBERS ONLY PERMITTED WHEN IN COMPLIANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, IS WITHIN CODE PRESCRIPTIVE ALLOWANCES, OR WITH SPECIFIC WRITTEN APPROVAL BY ENGINEER OF RECORD. HVAC INSTALLER IS RESPONSIBLE FOR REPAIRS TO ANY DAMAGE CAUSED BY NON-PERMITTED CUTTING.
- SIZE ALL REFRIGERANT LINES PER MANUFACTURER WRITTEN INSTRUCTIONS.
- PROVIDE ALL FLASHINGS AND SEALANTS REQUIRED FOR WATERTIGHT FINISH AT EXTERIOR WALL AND ROOF PENETRATIONS. COORDINATE SEQUENCING OF INSTALLATION WITH OTHER TRADES.
- DUCT SYSTEMS, IF ANY, SHALL BE INSTALLED PER 2016 CMC 602, 603, 604, AND SHALL COMPLY WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS. CMC CH. 6.



1 MECHANICAL PLAN
Scale: 3/8" = 1'-0"



LIGHT FIXTURE SCHEDULE:

Fixture ID	Lamp Watts	Lamp Type	Manufacturer Order #	Description	Mounting	Remarks
CF	N/A	NO LIGHT	CASA VIEJA - 52" CASA DELTA #B00KHSLHB6	CEILING FAN WITH SOLID WALNUT BLADES, OIL RUBBED BRONZE MOTOR, NO LIGHT, INCLUDES REMOTE CONTROL, UL LISTED	CEILING SHORT STEM 6" DOWNROD	PROVIDE STANDARD ON/OFF WALL SWITCH SPEED CONTROLLED BY REMOTE
D	12w	LED, 320 L, 3000K	JOHN TIMBERLAND LIGHTING LAMPS PLUS - STYLE # T6277	LED ENERGY EFFICIENT BLACK 6" HIGH OUTDOOR WALL LIGHT UL LISTED, NOT DIMMABLE, BLACK FINISH STEEL, DARK SKY COMPLIANT	WALL-EXTERIOR	THESE FIXTURES ARE CONTROLLED BY WALL SWITCH THAT IS POWERED BY PHOTOCELL FOR TO RESTRICT OPERATION TO DUSK-TO-DAWN ONLY
P	8w	LED LAMP, 2700K 6w LAMP, 550L, 2700K	CLAXY T2926DU BARN LIGHT PENDANT LAMP, YFXRLIGHT ANTIQUE LED LAMP #B06XTYG2HN	PENDANT w/ BLACK FINISH, UPLIGHT NOTCHES AT TOP PROVIDE NOT LESS THAN (1) EXTRA REPLACEMENT LAMP PER FIXTURE	CEILING-SUSPENDED	VERIFY POSITION & HEIGHT IN-FIELD w/ ARCHITECT INSTALLED WITH LUTRON DVCL-153P-WH DIMMING SWITCH CONTROL
R	13w	LED, 3000K, 90 CRI	OSRAM SYLVANIA: LED ULTRA LIGHT DISK	LOW PROFILE 6" DISK, FLUSH MOUNT IN 4" JUNCTION BOX, 900 LUMENS @ 13w INTEGRATED WHITE TRIM, DIMMABLE 20%-100%, DRY & DAMP, 5 YEAR WARRANTY	CEILING-RECESSED	
X	6W	LED	LITHONIA - ECC LED COMBO ECC-G-M6, EQ. USE ECC-R-REM-M6 WHERE REMOTE HEAD PROVIDED	EGRESS DUAL LIGHT WALL PACK, WHITE HOUSING, GREEN LETTERS 90 MINUTE EMERGENCY BATTERY, PROVIDE REMOTE HEAD AT LANDING WHERE SHOWN	WALL	SEE SHEET A1.2 FOR LOCATIONS, NONE INSIDE LOUNGE
Y	.33W	LED	LITHONIA - EU2L M12, EQ.	EMERGENCY LIGHTING UNIT (NO EXIT SIGN) 90 MINUTE EMERGENCY BATTERY, PROVIDE REMOTE HEAD AT LANDING WHERE SHOWN	WALL	SEE SHEET A1.2 FOR LOCATIONS, NONE INSIDE LOUNGE

ELECTRICAL KEY

COLOR: ALL SWITCHES, OUTLETS, AND COVER PLATES - **WHITE**.

POWER

- DUPLEX WALL OUTLET
- GFI
- WET LOCATION DUPLEX WALL OUTLET
- EQUIPMENT CONNECTION- WATER HEATER w/ DISCONNECT AT JUNCTION BOX

CONTROLS

- STANDARD SWITCH, TOGGLE, WHITE
- 3-WAY SWITCH, TOGGLE, WHITE
- DIMMER SWITCH BASIS OF DESIGN, LUTRON DVCL-153P-WH, OR APPROVED EQUAL, VERIFY COMPATIBILITY w/ LAMPS CONTROLLED
- THERMOSTAT, REFER TO MECH.

COMMUNICATION

- TELEPHONE JACK
- TELEVISION CABLE
- COMBINATION PHONE/CABLE

EXIT & EGRESS

- WHERE SHOWN ON PLAN, INDICATES REMOTE EMERGENCY LIGHTING HEAD AT EXT. LANDING
- ILLUMINATED EXIT SIGN COMBO w/ EMERGENCY EGRESS ILLUMINATION, 90 MIN. BATTERY BACK-UP, SEE LIGHT FIXTURE SCHEDULE FOR MODEL & ADDITIONAL SPECIFICATIONS
- ARROW, WHERE SHOWN ON PLAN, INDICATES KNOCK-OUT ARROW DIRECTION
- EMERGENCY EGRESS LIGHTING UNIT ONLY (NO EXIT SIGN), 90 MIN. BATTERY BACK-UP, SEE LIGHT FIXTURE SCHEDULE FOR MODEL & ADDITIONAL SPECIFICATIONS

MECH EQUIPMENT

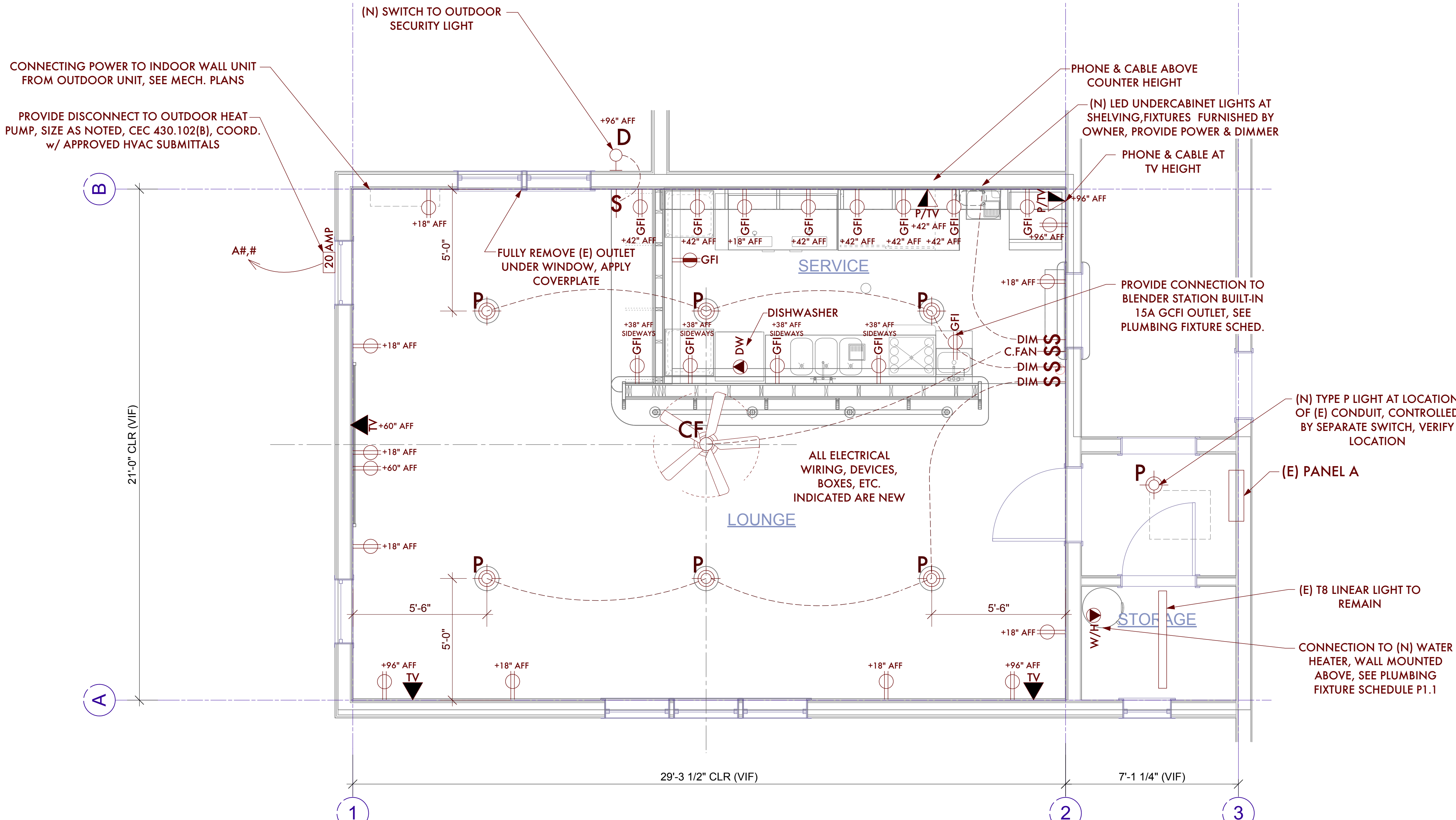
- HEAT PUMP WALL UNIT, PROVIDED BY MECH. CONTRACTOR. HVAC CONTRACTOR ALSO PROVIDES CONNECTING WIRING & DISCONNECT SWITCH ADJACENT TO INDOOR WALL UNIT AS SPECIFIED WITH BASIS OF DESIGN SWITCH ON M1.1.
- HEAT PUMP OUTDOOR UNIT, PROVIDED BY MECH. CONTRACTOR. ELECTRICAL CONTRACTOR PROVIDES FUSED AC DISCONNECT SWITCH ADJACENT TO OR MOUNTED TO UNIT PER MANUF. INSTRUCTIONS. REFER TO M1.1 FOR ADDITIONAL NOTES.

ELECTRICAL GENERAL NOTES:

- REFER TO SPECIFICATION SECTION 16000 ELECTRICAL, AND OTHER SPECIFICATION SECTIONS AS APPLICABLE. ELECTRICAL PLANS ARE DIAGRAMMATIC IN NATURE AND REQUIRE COORDINATION AMONG TRADES. NOTIFY ARCHITECT IMMEDIATELY UPON DISCOVERY OF POTENTIAL CONFLICT.
- GFCI: ALL 120-VOLT, SINGLE PHASE, 15 & 20 AMP RECEPTACLES IN BATHROOMS, OUTDOORS, KITCHENS, LAUNDRY AND OTHER WET AREAS NEAR SINK, SHALL HAVE GROUND-FULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL, EITHER BY BREAKER IN LOAD CENTER OR PROTECTED RECEPTACLE [CEC 210.8].
- ARC-FAULT (AFCI): ALL 120-VOLT, SINGLE PHASE, 15 & 20 AMP BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY RMS, DINING RMS, BEDRMS, CLOSETS, HALLWAYS, OR SIM. AREAS PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE [CEC 210.12].
- PROVIDE ALL REQUIRED OUTLETS AT LOCATIONS AND SPACINGS PER CEC 210.50, EVEN IF ONE IS NOT SHOWN ON THE ELECTRICAL PLAN DRAWINGS AT THE LOCATIONS OR SPACINGS NECESSARY TO ACHIEVE COMPLIANT INSTALLATION.
- THE ABOVE CODE ITEMS ARE COMMON ITEMS THAT PLANS EXAMINERS EXPECT TO SEE ON THE DRAWINGS, HOWEVER, ALL APPLICABLE CODES ARE REQUIRED AS IF TYPED HERE IN THEIR ENTIRETY. A HARD-COPY OF THE APPLICABLE CODES AND MANUFACTURER INSTALLATION INSTRUCTIONS SHALL BE MAINTAINED ON-SITE AND MADE AVAILABLE TO WORKERS, INSPECTORS, ARCHITECT, AND OWNER, AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
- COORDINATE WITH MECHANICAL FOR ALL EQUIPMENT REQUIREMENTS. REVIEW APPROVED EQUIPMENT SUBMITTALS AND MANUF. INSTRUCTIONS FOR ALL DEVICES. SEE MECHANICAL SHEET FOR DESCRIPTION OF WORK RESPONSIBILITIES CONCERNING MINI-SPLIT HEAT PUMP UNITS.
- PRIOR TO ROUGH-IN, REVIEW APPROVED APPLIANCE SUBMITTALS AND MANUF. INSTRUCTIONS FOR ALL DEVICES. APPLIANCE SUPPLIER, OR GENERAL CONTRACTOR, SHALL FURNISH ALL POWER SUPPLY CORDS (PIGTAILS) FOR THE ELECTRICAL CONTRACTOR TO INSTALL.
- PRIOR TO ROUGH-IN, REVIEW APPROVED CABINET SHOP DRAWINGS (IF AVAILABLE) AND COORDINATE EXACT PLACEMENT OF ALL SWITCHES AND RECEPTACLES WITH ARCHITECT. EXACT PLACEMENTS MUST COMPLY WITH ALL CODE REQUIREMENTS, INCLUDING ACCESSIBILITY.
- DURING BOX ROUGH-IN, BUT PRIOR TO INSTALLATION OF ANY WIRING, CONDUCT SITE CONFERENCE WITH ARCHITECT AND GENERAL CONTRACTOR SUPERINTENDENT TO CONFIRM PLACEMENT OF ALL ELECTRICAL BOXES AND LIGHTING FIXTURES. ADJUST PLACEMENT AS NECESSARY WITHOUT ADDITIONAL COST TO THE OWNER. FRAMING CONTRACTOR IS REQUIRED TO PROVIDE ADEQUATE ROUGH FRAMING OR BLOCKING AS NECESSARY TO ACCOMMODATE ELECTRICAL FIXTURES WITHOUT ADDITIONAL COST TO THE OWNER. SCHEDULE CONFERENCE DATE AND TIME AMONG ALL PARTIES NO LESS THAN 1 WEEK IN ADVANCE WITHOUT CAUSING DELAY TO THE WORK.
- PROVIDE ALL FLASHINGS AND SEALANTS REQUIRED FOR CLEAN, WATERTIGHT FINISH AT EXTERIOR WALL AND ROOF PENETRATIONS. COORDINATE SEQUENCING OF INSTALLATION WITH OTHER TRADES. REFER TO ARCHITECTURAL DETAILS.
- GROUNDING: PROVIDE GROUNDING SYSTEMS WITH THREE BONDED TYPES OF ELECTRODES, WHERE APPLICABLE. INSTALL WITH APPROVED CLAMPS SUITABLE FOR DIRECT BURIAL OR EXOTHERMIC WELD PER CEC SECTION 250.52 GROUNDING ELECTRODES:
 - 5/8" CU GROUND ROD,
 - CONCRETE ENCASED ELECTRODE ("UFER"), 20' MIN. LENGTH OF STEEL REBAR w/ MIN. 2" CONCRETE COVER
 - COLD WATER PIPE, IF METAL AND IN DIRECT CONTACT WITH EARTH FOR 10' MIN.
- SMOKE ALARMS SYSTEM: PROVIDE UL 217 LISTED SMOKE DETECTION & NOTIFICATION SYSTEM PER R314, HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS OF NFPA 72, AND ANY APPLICABLE ACCESSIBILITY REQUIREMENTS IN THE FOLLOWING LOCATIONS:
 - IN EACH SLEEPING ROOM.
 - OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS.
 - ON EACH STORY, INCLUDING BASEMENTS AND HABITABLE SPACES, BUT NOT UNINHABITABLE SPACES.
 PROVIDE PRIMARY POWER PER R314.4 WITH PERMANENT BUILDING WIRING AND EQUIPPED WITH A BATTERY BACKUP. SHALL EMIT A SIGNAL WHEN THE BATTERIES ARE LOW. INTERCONNECTION (R314.5.1) DWELLING UNIT ALARM DEVICES SHALL BE INTERCONNECTED SO ACTUATION OF ONE ALARM WILL ACTIVATE ALL ALARMS IN THAT UNIT.
- INSTALL COMBINATION CARBON MONOXIDE & SMOKE ALARMS, WHERE INDICATED ON DRAWINGS, PER R315 AND OFFICE OF THE STATE FIRE MARSHALL. CO ALARMS NOT REQUIRED PER CODE SINCE THERE ARE NO FUEL-BURNING APPLIANCES AND NO ATTACHED GARAGES, HOWEVER, THEY SHALL BE INSTALLED REGARDLESS, AS SPECIFIED HERE.

ACCESSIBILITY NOTES:

- APPLY THE FOLLOWING REQUIREMENTS AT ALL ACCESSIBLE & ADAPTABLE DWELLING UNITS [CBC 1136A] AND COMMON USE AREAS [CBC 1142A] FOR THE FOLLOWING DEVICES:
- ELECTRICAL RECEPTACLE OUTLETS (30 AMPERES OR LESS)
 - COMMUNICATION SYSTEM RECEPTACLES
 - CONTROLS AND SWITCHES USED BY OCCUPANTS
 - THERMOSTATS, HVAC CONTROLS
- LOCATE ≤ 48 INCHES AFF TO TOP OF BOX, & ≥ 15 INCHES AFF TO BOTTOM OF BOX. WHERE ABOVE A COUNTERTOP, REDUCE MAXIMUM HEIGHT TO 44 INCHES FOR FORWARD APPROACH, OR 46 INCHES FOR SIDE APPROACH. PHYSICAL BARRIERS OR OBSTRUCTIONS SHALL NOT EXTEND MORE THAN 25 INCHES FROM THE WALL BENEATH A CONTROL. OUTLETS AND CONTROLS THAT DO NOT SATISFY THESE SPECIFICATIONS ARE ACCEPTABLE PROVIDED THAT COMPARABLE OUTLETS, THAT PERFORM THE SAME FUNCTIONS, ARE PROVIDED WITHIN THE SAME AREA AND ARE ACCESSIBLE.



1 ELECTRICAL PLAN
Scale: 3/8" = 1'-0"

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ELECTRICAL POWER & LIGHTING

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PLUMBING FIXTURE & FOOD SERVICE EQUIPMENT SCHEDULE

TAG	QNTY	FURNISHED	INSTALLED	ITEM	MODEL	NOTES
3C	1	CONTRACTOR	CONTRACTOR	3-COMPARTMENT SINK:	EAGLE BC7C-22L	3-COMP. SINK, NSF, STAINLESS STEEL w/ (2) DRAIN BOARDS & (1) ICE BIN ON LEFT, 84" OVERALL INCLUDE w/ STNLS STL LEGS & SWING NOZZLE, 2-HANDLE FAUCET, NSF, CA LEAD FREE
BS	1	CONTRACTOR	CONTRACTOR	BLENDER STATION:	WEBSTRAUNT: 575BC7C22L	BLENDER STATION w/ DUMP SINK, NSF, STAINLESS STEEL, FREE STANDING w/ BACKSPLASH
HS	1	CONTRACTOR	CONTRACTOR	HAND SINK FAUCET:	ADVANCE TABCO	18"x26", PROVIDE w/ CA LEAD FREE FAUCET, INCLUDES GFCI 15 A OUTLET, COORD. w/ ELECT.
FD	1	CONTRACTOR	CONTRACTOR	FLOOR SINK STRAINER:	REGENCY #600HS17SP	12"x12" STANDARD COMMERCIAL FLOOR SINK, 6" SUMP, 3" CONNECTION
FS	2	CONTRACTOR	CONTRACTOR	FLOOR SINK GRATE:	ADVANCE TABCO	12"x12" STANDARD COMMERCIAL FLOOR SINK, 6" SUMP, 3" CONNECTION
WH	1	CONTRACTOR	CONTRACTOR	WATER HEATER:	ZURN FD2375-NH3-H	20 GAL ELECTRIC WATER HEATER, PROVIDE 240v 20A CIRCUIT, HARDWIRE, MAINT. CLEARANCES, PROVIDE T&P VALVE & MOUNT KIT: QUICK STANDTM #40-SWHP-W, OR EQ.
IM	1	OWNER	CONTRACTOR	ICE MACHINE:	RHEEM EGSP20	115v, 5 AMPS, AIR COOLED UNDERCOUNTER ICE MACHINE w/ INTEGRAL BIN. PROVIDE DCW WATER CONNECTION, DRAIN TO FLOOR SINK w/ AIR GAP
BD	1	CONTRACTOR	CONTRACTOR	BEER REFRIGERATOR:	HOME DEPOT #305030632	24"x60" 2-KEG CAPACITY BEER REFRIGERATOR, (4) TAP HANDLES ON (2) RISERS
GW	1	CONTRACTOR	CONTRACTOR	GLASS WASHER:	MANITOWOC UDF0140A	115v 3A w/ NEMA-5-15P CORD, LED LIGHTS, BLACK DOORS, CO2 TANK BY BEER VENDOR
GR	2	OWNER	CONTRACTOR	GLASSWARE RACK:	Avantco UDD-60-HC	UNDERCOUNTER GLASSWARE DISWASHER, NSF, PROVIDE w/ RACKS INCLUDED, PROVIDE w/ 1,500 WATT HEATER, 13.2 FULL LOAD AMPS @ 115v, 3/4" WATER, 1.2 GAL PER CYCLE
BBC	1	OWNER	CONTRACTOR	BACK BAR CABINET:	WEBSTRAUNT: 178UDD60HC	STAINLESS STEEL STORAGE UNIT w/ LEGS, OPEN FRONT FOR STORAGE OF (3) GLASS RACKS 24" WIDE by 23" DEEP, 30" TOP, (2) DRAIN CONNECTIONS PIPED TO FLOOR SINK w/ AIR GAP
					NOBLE WAREWASHING UL30	STAINLESS STEEL STORAGE UNIT w/ LEGS, 12" WIDE BANK OF (3) DRAWERS ON RIGHT
					MFR #: WF-UL30-NO-115	SLIDING BI-PASS DOORS ON LEFT, 60" WIDE by 30" DEEP, 36" TALL
					REGENCY 600GRSU2324C	
					OMCAN #44196	
					WEBSTRAUNT #91544196	

PLUMBING NOTES:

1. ALL FINAL ROOF VENT TERMINATION LOCATIONS OR POINTS OF CONNECTION TO EXISTING VENT PIPING IN ATTIC MUST BE VERIFIED ON-SITE BY ARCHITECT PRIOR TO INSTALLATION.
2. COORDINATE WITH OTHER TRADES FOR SEQUENCE OF INSTALLATION TO ENSURE PROPER FLASHING AND WEATHERIZATION IS MAINTAINED.
3. ALL HEAT-PUMP INDOOR WALL UNITS CONDENSATE WASTE TO BE DRAINED BY PIPE TO OUTDOORS AT EXISTING GRADE. COORDINATE WITH MECHANICAL CONTRACTOR FOR CONNECTION REQUIREMENTS.
4. THERE ARE NO FIRE RATED ASSEMBLIES IN THIS BUILDING. NO FIRE / SMOKE DAMPERS ARE REQUIRED. HOWEVER, THE CONTRACTOR SHALL SEAL ALL PENETRATIONS FULLY, IN AN APPROVED MANNER, TO PREVENT THE PASSAGE OF AIR, SOUND, MOISTURE, & WEATHER.
5. PROVIDE WATER HAMMER ARRESTORS WHEREVER THERE ARE QUICK ACTING WATER VALVES, INCLUDING AT CLOTHES WASHING MACHINES "WM" PER CPC 609.10.

PLUMBING FIXTURE NOTES:

- 1). SUBSTITUTIONS: ALTERNATE FIXTURES WILL BE CONSIDERED, ESPECIALLY IF THEY PROVIDE AN EQUAL OR GREATER PERFORMANCE, DURABILITY, AESTHETIC, AND COST SAVINGS. HOWEVER, ANY AND ALL SUBSTITUTIONS MUST BE APPROVED THROUGH OFFICIAL PROCESS, IN WRITING. IF SUBSTITUTIONS ARE REQUESTED DURING BIDDING THEY WILL BE RESPONDED TO IN ADDENDA. CHANGES THEREAFTER ONLY THROUGH CHANGE ORDER PROCESS. FIXTURE WATER-FLOW RATES OF POTENTIAL SUBSTITUTIONS MAY NOT EXCEED RATES OF FIXTURES LISTED ABOVE.
- 2). ACCESSORIES: PROVIDE ALL REQUIRED FIXTURE ACCESSORIES, COMPONENTS, SEALANTS, FOR COMPLETE INSTALLATION AND OPERATION IN THE PROJECT SPECIFIC INSTALLATION CONDITIONS.

PLUMBING GENERAL NOTES:

- 1). REFER TO 2016 CBC CH. 11B SECTIONS FOR SPECIFIC ACCESSIBILITY REQUIREMENTS FOR EACH FIXTURE TYPE. VERIFY FIXTURE LOCATIONS AND COORDINATE ALL ANCHORING & REINFORCEMENT REQUIREMENTS. PLUMBING FIXTURE SCHEDULE LISTS BASIS OF DESIGN PRODUCTS. SUBSTITUTIONS MAY BE MADE WHERE APPROVED AND MEETING ALL CODE REQUIREMENTS AND PERFORMANCE SPECIFICATIONS.
- 2). PROVIDE ALL ACCESSORIES, ADAPTERS, HANGERS, BRACKETS, LATERAL BRACING, FITTINGS, SEALANTS, AND OTHER COMPONENTS AS NECESSARY FOR COMPLETE INSTALLATION AND OPERATION.
- 3). ALL DOMESTIC WATER FIXTURES MUST MEET CA LEAD FREE REGULATIONS.
- 4). ALL FIXTURES MUST MEET MAXIMUM FLOW RATES / FLUSH RATES PER CA GREEN BUILDING CODE.
- 5). ALL PIPING AND FITTINGS MUST COMPLY WITH 2016 CPC TABLE 604.1 AND RELATED SECTIONS.
- 6). WASTE PIPING TO SLOPE 2% TO DRAIN. VERIFY DEPTH AT POINT OF CONNECTION. PROVIDE CLEANOUTS IN ACCORDANCE WITH CPC 707.4 AND TABLE 7-6.
- 7). WASTE VENTS TO TERMINATE THRU ROOF WITH 10 FT CLEARANCE FROM ALL AIR-INTAKES OR OPERABLE WINDOW OR DOOR. COORDINATE WITH ROOF FLASHING REQUIREMENTS PER ROOFING MANUF. DETAILS.
- 8). ALL NEW DOMESTIC WATER PIPING SHALL BE DISINFECTED, TESTED, AND INSPECTED PER CPC 609.
- 9). IMPORTANT: SEE ALL OTHER PLAN SHEETS FOR COORDINATION WITH PLUMBING THAT MAY NOT BE INDICATED ON THIS SHEET. ENSURE ALL EQUIPMENT MANUF. INSTRUCTIONS ARE REVIEWED FOR EACH POINT OF CONNECTION FOR HOT, COLD, WASTE, & VENT.
- 10). MARK UP DRAWINGS AND SUBMIT AS-BUILT RECORD DOCUMENTS TO THE ARCHITECT PRIOR TO SUBSTANTIAL COMPLETION.
- 11). PROVIDE APPROVED PIPE SUPPORT HANGERS IN ACCORDANCE w/ 2016 CPC SECTION 313 & TABLE 313.6. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION. INCLUDE SUFFICIENT CLARITY AND DETAIL FOR ALL SUPPORT LOCATIONS. MARK-UP THIS SHEET AND SUBMIT AS PART OF SHOP DRAWINGS.

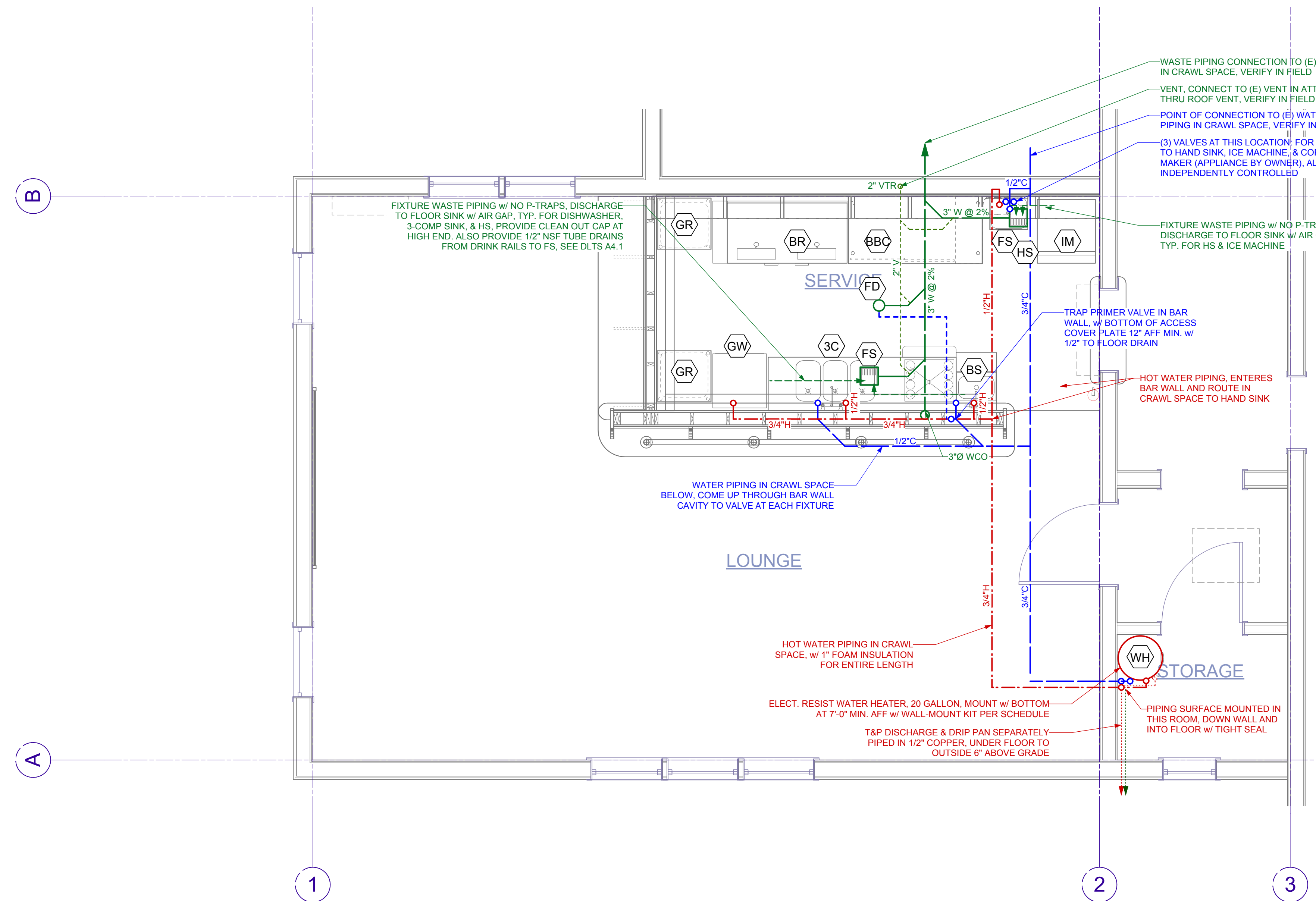
TYP. PIPE MATERIALS:

ALL PIPING SHALL CONFORM TO 2016 CPC, REFER TO SPEC SECTION 15410 FOR ADDITIONAL REQUIREMENTS

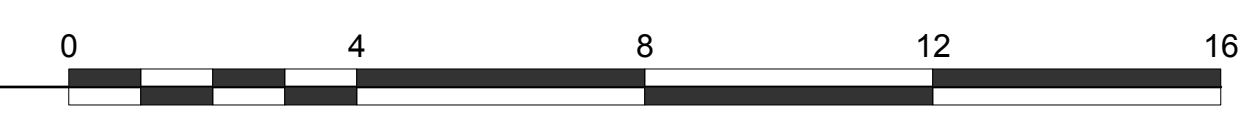
WASTE & VENT: ABS & PVC PER CPC T701.2
DOMESTIC HOT & COLD WATER PIPING: TYPE M COPPER & PEX PER CPC T604.1. INSULATE DOMESTIC WATER PIPING PER HEAT-PUMP WATER HEATER NOTES #7 & 8 THIS SHEET.
CONDENSATE DRAIN: PVC, USE CLEAR VINYL TUBING FOR LAST 4" WHERE CONNECTING TO TAIL PIECE FITTING ABOVE SINK P-TRAP. REFER TO CIVIL FOR SITE WET UTILITIES PIPING.

TYP. PIPE SIZES:

1. ALL COLD & HOT WATER PIPING 1/2" UNLESS OTHERWISE NOTED.
2. ALL WASTE PIPES 2" UNLESS OTHERWISE NOTED.
3. ALL VENT PIPING 1-1/2" UNLESS OTHERWISE NOTED.



1 PLUMBING PLAN
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