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1130 BROADWAY AVE., CHULA VISTA, CA 91911

COSTCO WHOLESALE CHULA VISTA, CA #781 1130 BROADWAY AVE., CHULA VISTA, CA 91911

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PERMIT SET

PROJECT DIRECTORY

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DRAWING INDEX

Table with 2 columns: Drawing ID and Description. Includes TS101 TITLE SHEET, G202 EXISTING RESTROOM ACCESSIBILITY FEATURES, A101 OVERALL CONCEPT FLOOR PLAN, S1.1 GENERAL NOTE AND PARTIAL CEILING PLAN, etc.

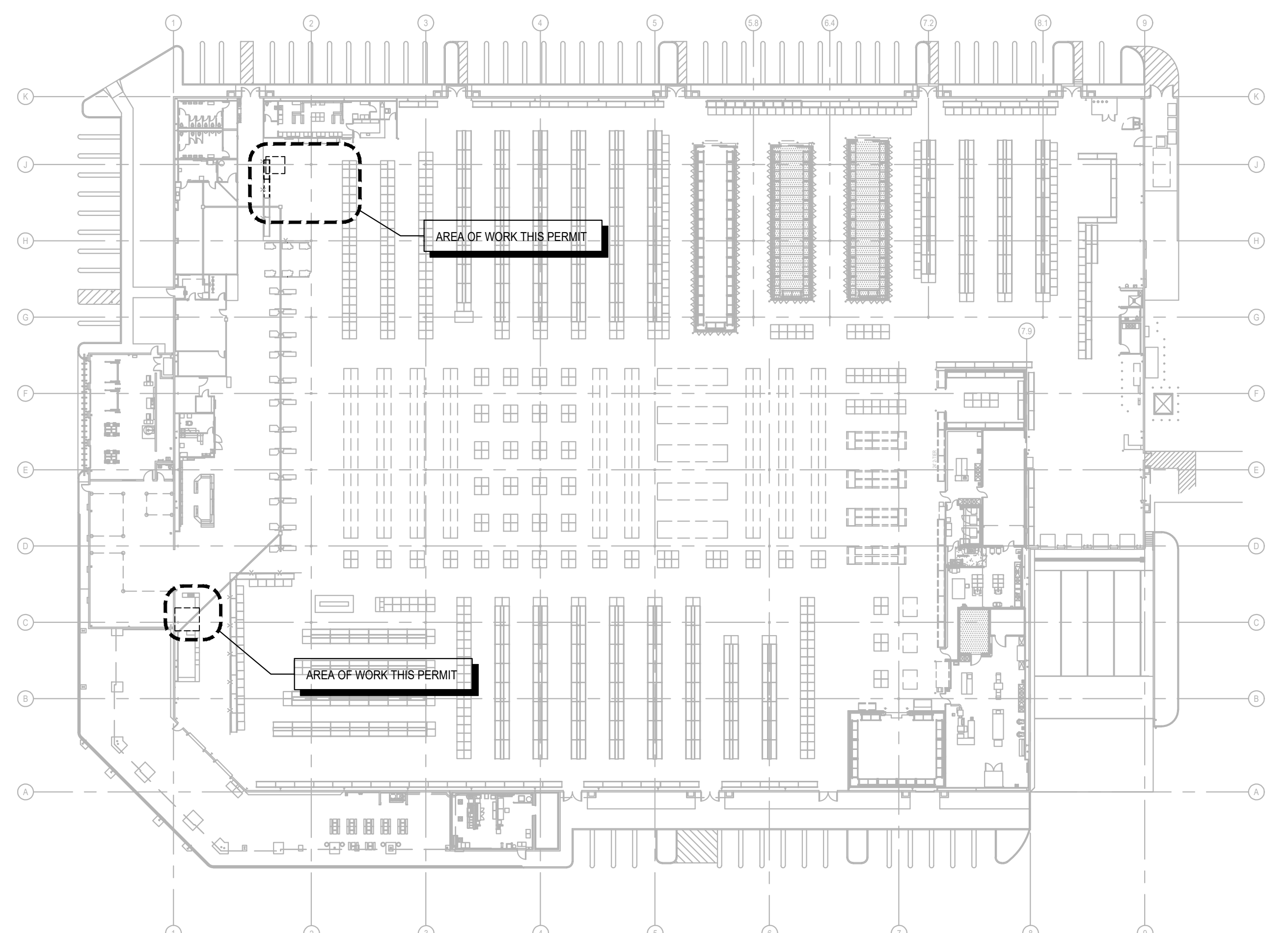
DEFERRED SUBMITTAL

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD WHO SHALL REVIEW AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING.

- THE FOLLOWING ARE DEFERRED SUBMITTALS:
• FIRE SPRINKLER SYSTEM AND ALARM SYSTEM
• SMOKE ALARM SYSTEM
1. FIRE SPRINKLER SHOP DRAWINGS, FIRE SPRINKLER CONTRACTOR SHALL PREPARE AND SUBMIT PLANS TO THE JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO ANY FIRE SPRINKLER WORK COMMENCING.
2. ALTERATIONS TO THE SPRINKLER SYSTEM REQUIRED, UNDER A SEPARATE SUBMITTAL AND PERMIT.

PROJECT GENERAL NOTES

- GENERAL NOTES
1. THESE GENERAL NOTES APPLY TO THE ENTIRE PROJECT AND APPLY TO ALL TRADES.
2. DRAWINGS HAVE BEEN PREPARED ON AN ORIGINAL SHEET SIZE OF 30x42 INCHES.
3. CONSULT DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.
4. CONDITIONS AND DIMENSIONS SHOWN ON SITE PLANS ARE FROM A SURVEY PREPARED BY OTHERS OR FROM AVAILABLE RECORDS. THE ARCHITECT BEARS NO RESPONSIBILITY FOR THE ACCURACY OF INFORMATION SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING INFORMATION SHOWN PRIOR TO STARTING THE WORK.
a. THE CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL EXISTING UNDERGROUND AND ABOVE GROUND UTILITIES.
b. VERIFY ALL INVERT ELEVATIONS AT POINTS OF CONNECTIONS OF NEW WORK PRIOR TO STARTING ANY WORK.
c. EXISTING UTILITIES SHOWN HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE ONLY.
d. IF NECESSARY TO COMPLETE THE WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY ADDITIONAL UTILITY LOCATIONS AND SIZES NOT SHOWN.
e. THE CONTRACTOR SHALL TAKE ALL POSSIBLE CARE TO AVOID DAMAGE OR DISTURBANCE TO EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR REPAIRING ANY CONTRACTOR-CAUSED DAMAGE TO THE UTILITIES. SUCH REPAIRS SHALL BE DONE AT THE CONTRACTOR'S EXPENSE AND IN SUCH A MANNER AS TO BE LEAST-DISRUPTIVE AS POSSIBLE TO THE OWNER'S OPERATIONS.
6. DO NOT SCALE THE DRAWINGS TO OBTAIN DIMENSIONS. WRITTEN DIMENSIONS GOVERN. USE ACTUAL FIELD MEASUREMENTS.
7. DIMENSIONS ARE TO/FROM THE:
a. CENTERLINE OF INTERIOR COLUMNS.
b. GRID LINES ADJACENT TO THE EXTERIOR WALL (FACE OF THE COLUMN CLOSEST TO THE EXTERIOR WALL IS THE GRID LINE).
c. EDGE OR CENTERLINE OF OPENINGS AS INDICATED.
d. FACE OF STUDS.
e. FACE OF CONCRETE OR MASONRY (NOMINAL).
f. ALL HEIGHTS ARE TO BE DIMENSIONED FROM THE TOP OF THE SLAB (ALSO NOTED AS FINISHED FLOOR OR INDICATED BY THE 'DATUM' SYMBOL UNLESS NOTED OTHERWISE).
g. ALL DIMENSIONS NOTED 'CLEAR' SHALL BE MAINTAINED AND SHALL ALLOW FOR THE THICKNESS OF ALL FINISHES INCLUDING CARPETING, TILE, WAINSCOT AND TRIM.
h. ALL DOORS NOT LOCATED BY DIMENSIONS ON PLANS OR DETAILS SHALL BE LOCATED SO THE EDGE OF THE DOOR OPENING IS 6-INCHES AWAY FROM THE FACE OF ANY ADJOINING INTERSECTING WALL.
8. VERIFY ALL DIMENSIONS OF EXISTING CONDITIONS. NEITHER THE ARCHITECT NOR HIS CONSULTANTS ARE RESPONSIBLE FOR THE ACCURACY OF THESE DIMENSIONS. IF EXISTING CONDITIONS OR DIMENSIONS ARE NOT AS SHOWN, IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
9. VERIFY ALL ROUGH-IN DIMENSIONS FOR EQUIPMENT FURNISHED AND/OR INSTALLED BY THE CONTRACTOR, SUBCONTRACTORS, OWNER OR OTHERS.
10. THE CONTRACTOR SHALL CONSULT DRAWINGS OF ALL TRADES FOR OPENINGS THROUGH SLABS, WALLS, CEILINGS AND ROOFS FOR DUCTS, PIPES, CONDUIT, CABINETS, EQUIPMENT, ETC. AND SHALL VERIFY THE SIZES AND LOCATIONS WITH SUBCONTRACTORS.
11. PLACE NO OBSTRUCTIONS, INCLUDING MAINS, PIPING, CONDUIT, ETC. OF ANY KIND SO AS TO IMPAIR GIVEN CEILING HEIGHTS AND CLEARANCES. RUN PIPING, CONDUITS, ETC. IN JOIST DEPTH. DO NOT RUN BELOW SKYLIGHTS.
12. ALL CONDUITS, PIPING, ETC. SHALL RUN PARALLEL OR PERPENDICULAR TO WALLS; DO NOT RUN AT AN ANGLE TO THE WALLS.
13. IN ROOMS OR SPACES SCHEDULED TO RECEIVE WALL AND/OR CEILING FINISHES, DO NOT RUN EXPOSED CONDUITS, PIPING, ETC. ON WALLS OR CEILINGS.
14. ALL WORK IS TO BE PLUMB, LEVEL, TRUE TO LINE, AND STRAIGHT.
15. ALL JOINTS ARE TO BE TIGHT, STRAIGHT, EVEN, AND SMOOTH.
16. ALL MATERIAL IS NEW UNLESS NOTED OTHERWISE.
17. PROVIDE ALL FASTENERS AND CONNECTIONS (WHETHER INDICATED OR NOT) NECESSARY TO ASSEMBLE THE WORK.
18. PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED FIXTURES AND EQUIPMENT INCLUDING, BUT NOT LIMITED TO, SINKS, WALL BRACKETS AND WALL-HUNG ITEMS.
19. PREPARE SURFACE AND REMOVE SURFACE FINISHES TO PROVIDE FOR PROPER INSTALLATION ON NEW WORK AND FINISHES. COMPLY WITH MANUFACTURER'S INSTALLATION REQUIREMENTS.
20. REPAIR, PATCH, OR REPLACE PORTIONS OF WORK THAT ARE DAMAGED, LIFTED, DISCOLORED, OR SHOWING OTHER IMPERFECTIONS.
21. PENETRATIONS OF RATED ASSEMBLIES SHALL BE SEALED WITH AN APPROVED MATERIAL AS APPROVED BY THE JURISDICTION.
22. CONSTRUCTION ACTIVITIES SHALL NOT AFFECT THE OWNER'S OPERATIONS. LOUD ACTIVITIES (JACK-HAMMERING, SAW-CUTTING, ETC.) AND ANY WORK REQUIRING INTERRUPTIONS OF UTILITIES (WATER, ELECTRICITY, GAS, FIRE SPRINKLER/ALARM, SEWER, ETC.) SHALL BE PERFORMED DURING NON-BUSINESS HOURS AS APPROVED BY THE OWNER. ENSURE UNINTERRUPTED SECURITY AND PHONE SYSTEMS OPERATION.
23. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOBSITE SAFETY AND SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNS, REFLECTORS, LIGHTS, ETC. TO PROPERLY IDENTIFY AREAS CLOSED TO THE PUBLIC AND FOR PROVIDING SAFETY ALERTS DURING CONSTRUCTION.
24. ALL WORK IS TO COMPLY WITH THE APPLICABLE CODES. NO PART OF THE CONTRACT DOCUMENTS MAY BE CONSTRUED TO REQUIRE OR PERMIT WORK CONTRARY TO A GOVERNING REGULATION.
25. PROVIDE SEALANT AND BACKER ROD ALL AROUND EXTERIOR WALL PENETRATIONS (CONDUITS, FIXTURES, ETC.) AND OPENINGS (DOOR FRAMES, WINDOWS, ETC.).
26. THE CONTRACTOR SHALL CONFIRM IF CONCRETE SLABS ARE POST-TENSIONED. IF ANY SLAB IS POST-TENSIONED, THE CONTRACTOR SHALL ACCURATELY LOCATE TENDONS, CONDUITS, PIPES, ETC. USING NON-DESTRUCTIVE TESTING METHODS SUCH AS IMAGING, INDUCED CURRENT METAL DETECTOR, ETC. AS RECOMMENDED BY THE POST-TENSIONING INSTITUTE. IF ANY PROPOSED PENETRATION IS IN CONFLICT WITH TENDONS, ETC., IMMEDIATELY NOTIFY THE ARCHITECT PRIOR TO PERFORMING ANY WORK.
DEMOLITION AND REMODEL CONSTRUCTION GENERAL NOTES
1. THE BUILDING WILL BE OCCUPIED AND IN FULL USE BY THE OWNER DURING CONSTRUCTION.
2. CONSTRUCTION THAT MAY AFFECT THE PUBLIC SHALL BE DONE DURING OFF-HOURS.
3. AREAS OF DEMOLITION SHALL INCLUDE, BUT ARE NOT LIMITED TO, ANY STRUCTURAL, PLUMBING, ELECTRICAL, MECHANICAL, FIRE SPRINKLER, ETC. ITEMS NECESSARY TO COMPLETE THE DEMOLITION WORK. THE CONTRACTOR IS TO REMOVE ALL WALLS, BOLLARDS, MISC. STEEL, PLUMBING, ELECTRICAL, RAISED CONCRETE SLAB, CURBS, REBARS, ETC. ASSOCIATED WITH DEMOLITION OF AREAS SHOWN.
4. ALL REMOVED ITEMS NOT DESIGNATED FOR REUSE SHALL BE OFFERED IN GOOD CONDITION TO THE OWNER. DURING THE BIDDING PERIOD, COORDINATE AND VERIFY WITH THE OWNER AS TO WHICH ITEMS ARE TO BE SALVAGED.
5. DO NOT INTERRUPT ANY SERVICES (WATER, PLUMBING, FIRE SPRINKLER, ETC.) WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER.
6. MAINTAIN FIRE SPRINKLER AND FIRE ALARM SYSTEM IN OPERATING CONDITION AT ALL TIMES. NOTIFY THE OWNER AND COORDINATE AT LEAST 48-HOURS BEFORE PARTIALLY OR COMPLETELY DISABLING THE FIRE SPRINKLER OR FIRE ALARM SYSTEMS. PROVIDE FIRE WATCH AS REQUIRED BY THE JURISDICTION.
7. PROVIDE AND MAINTAIN EGRESS PATHS THROUGHOUT CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, EXIT SIGNS, LIGHTING, FIRE SPRINKLERS, ETC. OBTAIN FIRE MARSHAL APPROVAL PRIOR TO CLOSING ANY EGRESS OPENINGS AND/OR EGRESS PATHS DURING DEMOLITION/CONSTRUCTION.
8. THE CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES WITHIN PROXIMITY OF THE WORK AREA PRIOR TO EXCAVATION.
9. EXISTING UTILITIES SHOWN HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE ONLY. VERIFY ALL INVERT ELEVATIONS AT POINTS OF CONNECTIONS OF NEW WORK TO EXISTING UTILITIES PRIOR TO STARTING ANY WORK.
10. PROVIDE TEMPORARY DUST PARTITIONS AS REQUIRED TO PREVENT DUST AND DEBRIS FROM SETTLING ON ADJACENT AREAS NOT UNDER CONSTRUCTION. REVIEW WITH AND OBTAIN OWNER'S APPROVAL FOR LOCATIONS.
11. CAP ALL UTILITIES AND DRAIN LINES BELOW THE FLOOR AS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR FLOOR PATCHING.
12. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING ITEMS DAMAGED DURING DEMOLITION AND CONSTRUCTION.
13. WHEN CUTTING AND PATCHING, THE CONTRACTOR SHALL USE METHODS LEAST LIKELY TO DAMAGE ELEMENTS RETAINED OR ADJOINING SURFACES. CUT HOLES AND SLOTS AS SMALL AS PRACTICAL/POSSIBLE. NEATLY TO SIZE REQUIRED AND WITH MINIMUM DISTURBANCES OF ADJACENT MATERIALS.
14. WHERE EXISTING IS TO BE REMOVED, CUT OR OTHERWISE DISTURBED, PATCH TO MATCH THE EXISTING ADJACENT SURFACES. SEAMS TO BE AS INVISIBLE AS PRACTICAL. REPAIRED FINISHES SHALL BE EXTENDED TO THE NEAREST VISUAL BREAK LINES SUCH AS CORNERS, CEILING LINES, TOP OF BASE, ETC.
15. WHERE NEW WORK IS TO BE INSTALLED WITH EXISTING, PERFORM A SMOOTH AND EVEN TRANSITION. PATCHED WORK TO MATCH EXISTING ADJACENT WORK IN TEXTURE AND APPEARANCE.
16. REMOVE AND REPLACE AREAS, SURFACES OR ITEMS THAT CANNOT BE SATISFACTORILY PATCHED.
17. AS A MINIMUM, THE LEVEL OF WORKMANSHIP SHOULD MATCH THE GENERAL LEVEL OF EXISTING WORKMANSHIP.
18. WHERE REQUIRED, TRIM EXISTING WOOD DOORS AS NECESSARY TO CLEAR FLOORING. SEAL CUT EDGES.
19. UNLESS SHOWN ON THE DRAWINGS OTHERWISE, DO NOT SUPPORT OR SUSPEND ITEMS, EQUIPMENT, HANGERS, ETC. FROM EXISTING STRUCTURAL MEMBERS (BEAMS, TRUSSES, JOIST, ETC.) WITHOUT WRITTEN APPROVAL OF A LICENSED STRUCTURAL ENGINEER.
20. DO NOT CUT OR DRILL ANY STRUCTURAL MEMBER (PARTICULARLY ROOF JOIST) WITHOUT WRITTEN APPROVAL OF A LICENSED STRUCTURAL ENGINEER.
21. CHORING OF STRUCTURAL FOUNDATIONS, STRUCTURES, AND/OR TRENCHING REQUIRED TO COMPLETE THE WORK DESCRIBED IN THE DOCUMENTS IS CONSIDERED A MEANS, METHOD OR TECHNIQUE AND IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IF A REGULATORY AGENCY REQUIRES A LICENSED ENGINEER TO SUPERVISE, APPROVE, AND/OR PROVIDE DRAWINGS FOR STRUCTURAL FOUNDATIONS, STRUCTURES, AND/OR TRENCHING, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTRACT WITH THE ENGINEER DIRECTLY AND THE COST SHALL BE INCLUDED IN THE BASE BID.
22. ALL SYSTEMS AND SERVICES ARE TO BE LEFT OPERATIONAL PRIOR TO THE END OF EACH WORKDAY.
23. THE CONTRACTOR SHALL REMOVE ALL RUBBLE AND DEBRIS FROM THE JOBSITE DAILY AND LEAVE THE BUILDING AND DRIVING BROOM CLEAN UPON COMPLETION OF THE WORK.
OPERATIONAL PHASING NOTES
1. THE PHASING INDICATED ON THE DRAWING IS THE OWNER'S PREFERRED OPERATIONAL SEQUENCES. THE CONTRACTOR SHALL CONFIRM THE OPERATIONAL PHASING WITH THE OWNER PRIOR TO STARTING CONSTRUCTION.
2. THE PHASING SHOWN IS NOT INTENDED TO REPRESENT OR DICTATE CONSTRUCTION PHASING, MEANS, METHODS OR TECHNIQUES.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION PHASING SO AS NOT TO IMPACT THE OWNER'S OPERATIONS.
4. REMOVE WALLS, BOLLARDS, PLUMBING, ELECTRICAL, ETC. AND CAP UTILITIES BELOW THE FLOOR AS REQUIRED TO ACHIEVE THE OPERATIONAL PHASING.
5. PROVIDE TEMPORARY UTILITIES AS REQUIRED DURING PHASING.
6. WHEN THE WORK INCLUDES DEMOLITION OF OR TEMPORARILY COVERING OF THE EXISTING EXTERIOR SIGNAGE, THE CONTRACTOR SHALL PROVIDE A TEMPORARY 'COSTCO WHOLESALE' SIGNAGE (OF SIZE COMPARABLE TO EXISTING SIGN) UNTIL PERMANENT SIGN IS INSTALLED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS. PROVIDE ILLUMINATION FOR THE TEMPORARY SIGN. CONFIRM LOCATIONS WITH THE OWNER.



EXISTING FLOOR PLAN

SCALE: NOT TO SCALE

VICINITY MAP



PROJECT INFORMATION

ZONING DESIGNATION: C-C
ASSESSOR'S PARCEL NUMBER: 618-200-61-00

PROJECT DESCRIPTION

DEMOLITION OF EXISTING HEARING AID CENTER
REMODEL INCLUDES THE INSTALLATION OF NEW (1) HEARING AID CENTER BOOTHS, CASEWORK, WALLS
AREA OF REMODEL: 314 S.F.

CODE ANALYSIS

- 2019 CALIFORNIA BUILDING CODE, VOLUMES 1 AND 2
2019 CALIFORNIA ELECTRICAL CODE
2019 CALIFORNIA MECHANICAL CODE
2019 CALIFORNIA PLUMBING CODE
2019 CALIFORNIA EXISTING BUILDING CODE
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)
2019 CALIFORNIA ENERGY CODE
2019 CALIFORNIA EXISTING BUILDING CODE
2019 CALIFORNIA ADMINISTRATIVE CODE PART 1 AND PART 2

FIRE GENERAL NOTES

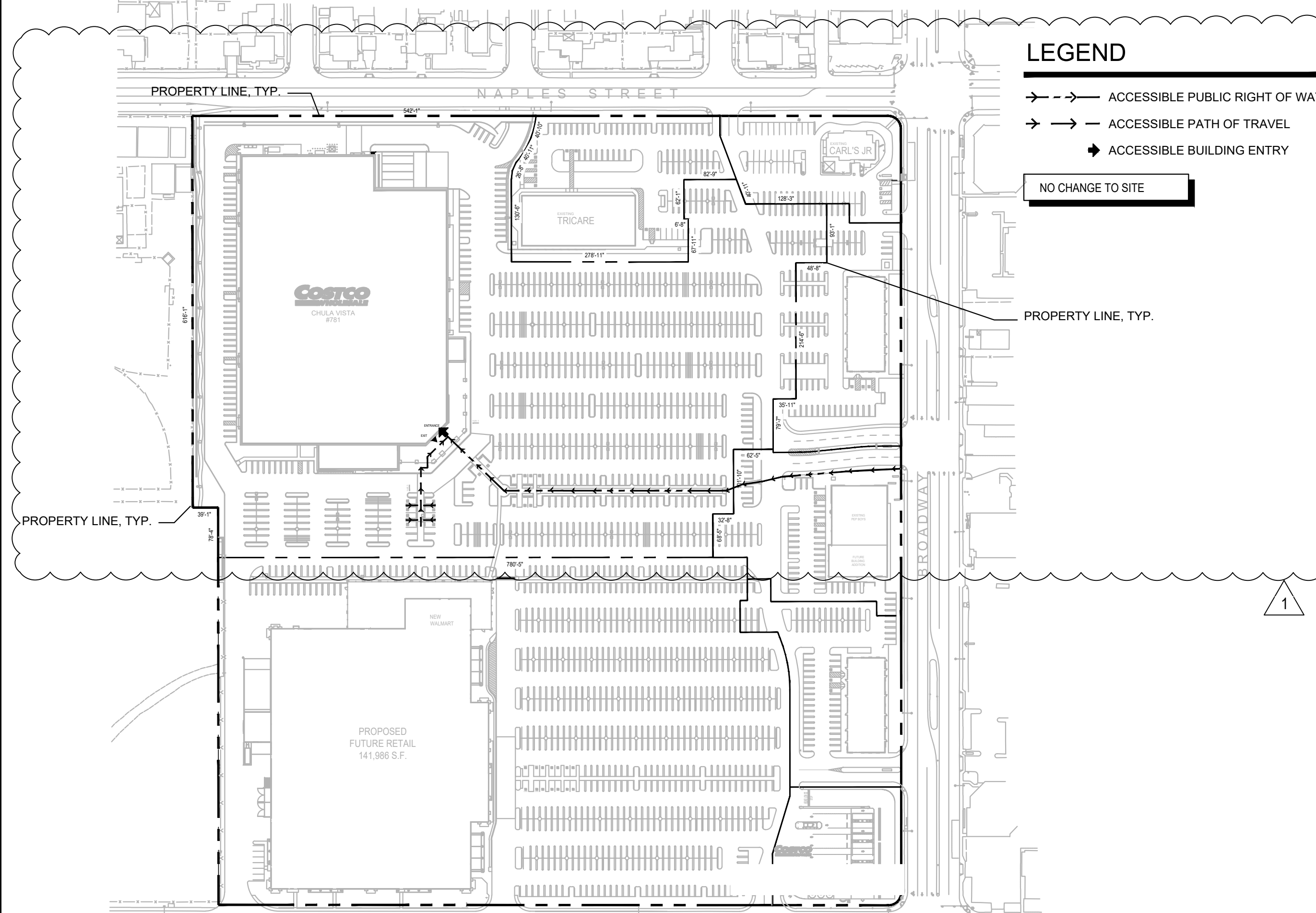
- 1. A FIRE LIFE SAFETY INSPECTION IS REQUIRED PRIOR TO CONSTRUCTION FINAL. REQUEST INSPECTION 48-HOURS IN ADVANCE AT OXNARD ORG/FIRE-PREVENTION.
2. A FIVE-YEAR CERTIFICATE INSPECTION REPORT OF THE FIRE SPRINKLER SYSTEM, BY A LICENSED C16 FIRE PROTECTION CONTRACTOR, MUST BE PROVIDED TO THE FIRE DEPARTMENT VIA WWW.THCOMPLIANCEMIBM.COM PRIOR TO FINAL INSPECTION.
3. SPRINKLER PROTECTION IS REQUIRED UNDER EXTERIOR ROOFS, CANOPIES, AND OVERHANGS OVER FOUR-FEET IN WIDTH. ADDITIONAL SPRINKLER HEADS MAY BE REQUIRED BASED ON FIELD CONDITIONS AS DEEMED NECESSARY BY THE FIRE INSPECTOR.
4. AUTOMATIC SPRINKLERS SHALL BE INSTALLED IN OR UNDER COVERED KIOSKS, DISPLAYS, BOOTHS, CONCESSION STAND OR EQUIPMENT THAT EXCEED 4-FEET IN WIDTH.

ARCHITECTURAL SYMBOLS

SYMBOLS section containing DETAIL, WALL SECTION, INTERIOR ELEVATION, WALL TYPES, and MATERIALS with corresponding symbols and descriptions.

ARCHITECTURAL ABBREVIATIONS

Table with 3 columns: Abbreviation, Description, and Standard. Includes AFF ABOVE FINISHED FLOOR (SLAB), BOT BOTTOM, CL CENTER LINE, CLR CLEAR, etc.



EXISTING SITE PLAN

SCALE: NOT TO SCALE

LEGEND section with symbols for ACCESSIBLE PUBLIC RIGHT OF WAY, ACCESSIBLE PATH OF TRAVEL, ACCESSIBLE BUILDING ENTRY, and NO CHANGE TO SITE.

NATHAN D. MENARD, ARCHITECT



02/28/2023

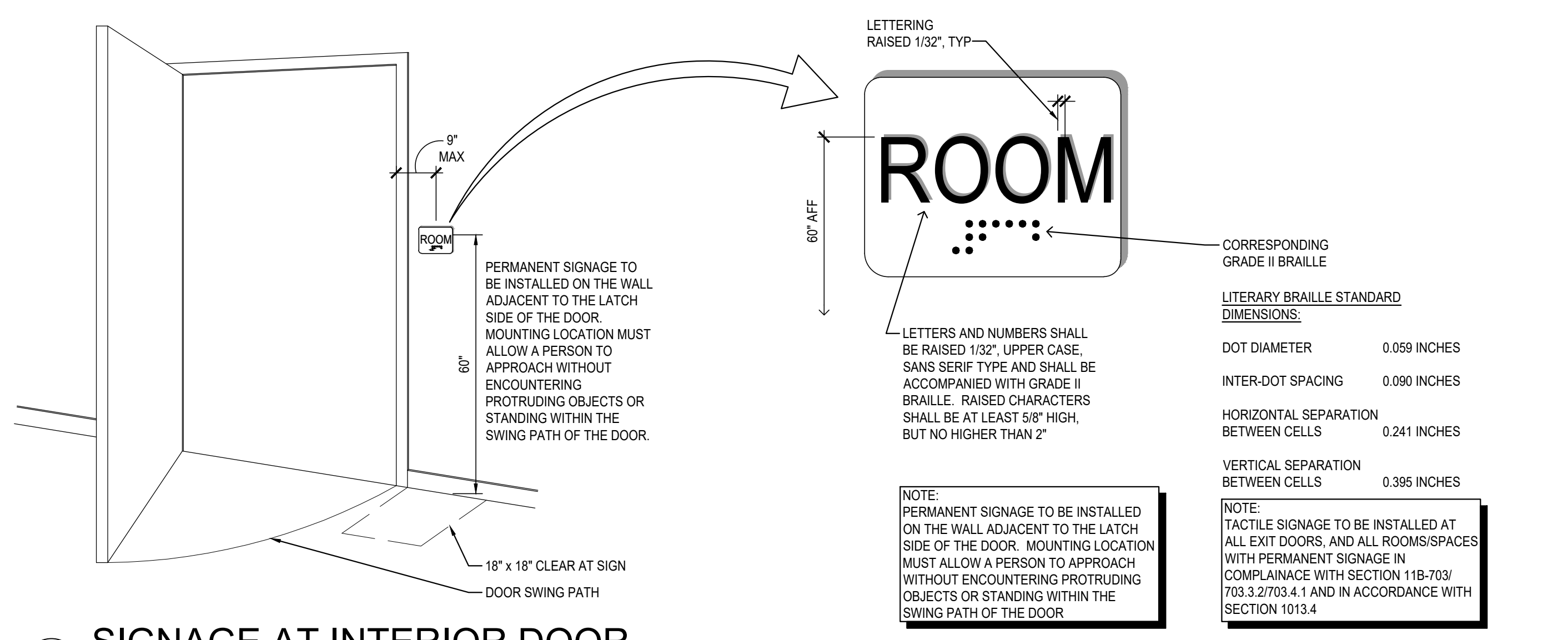
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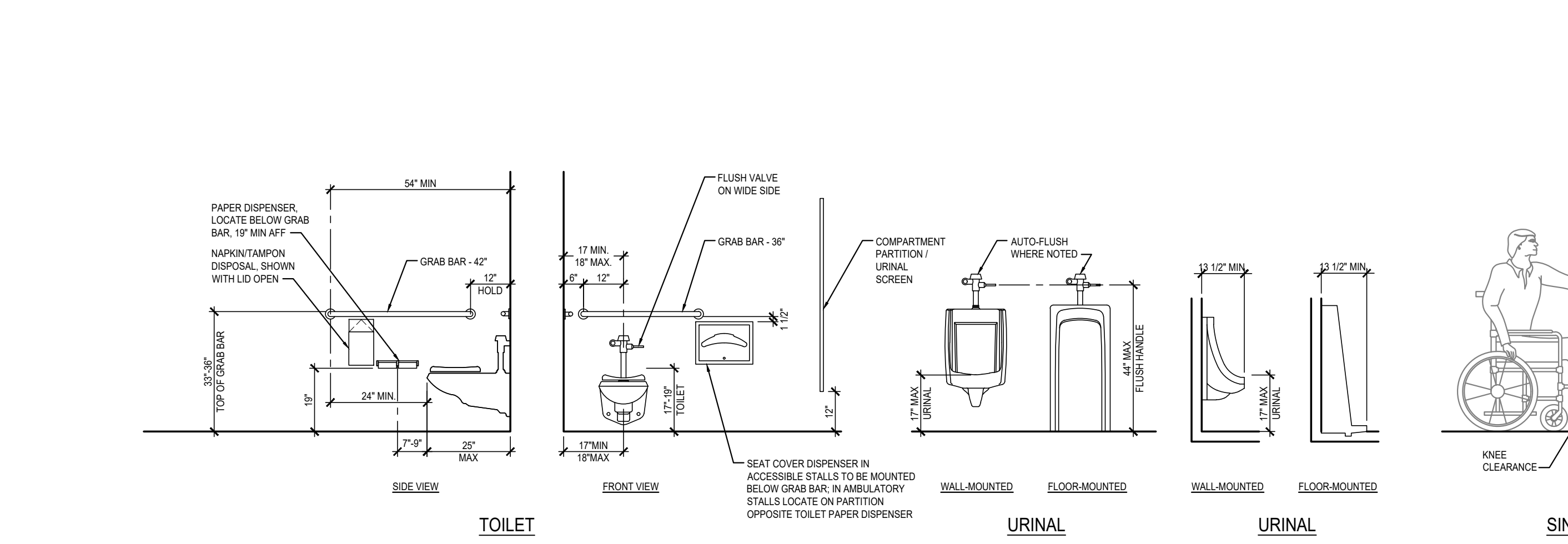
TITLE SHEET

TS101

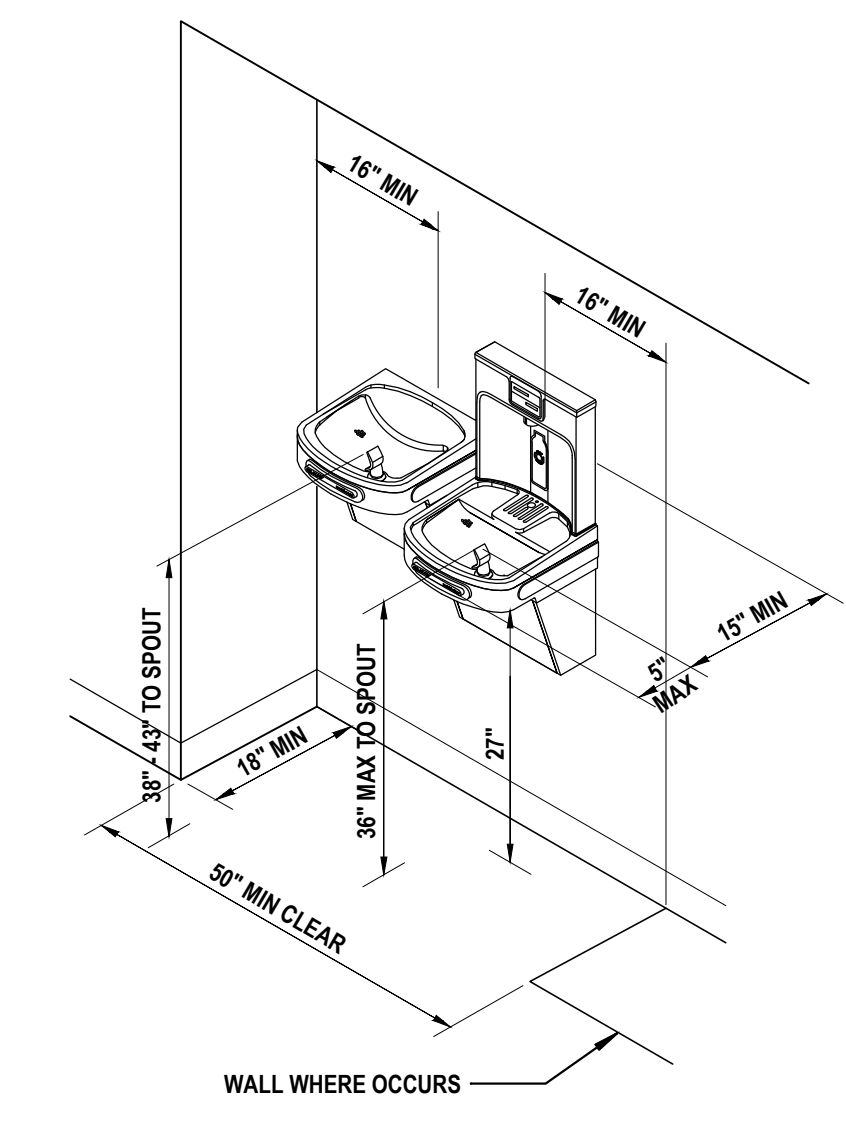
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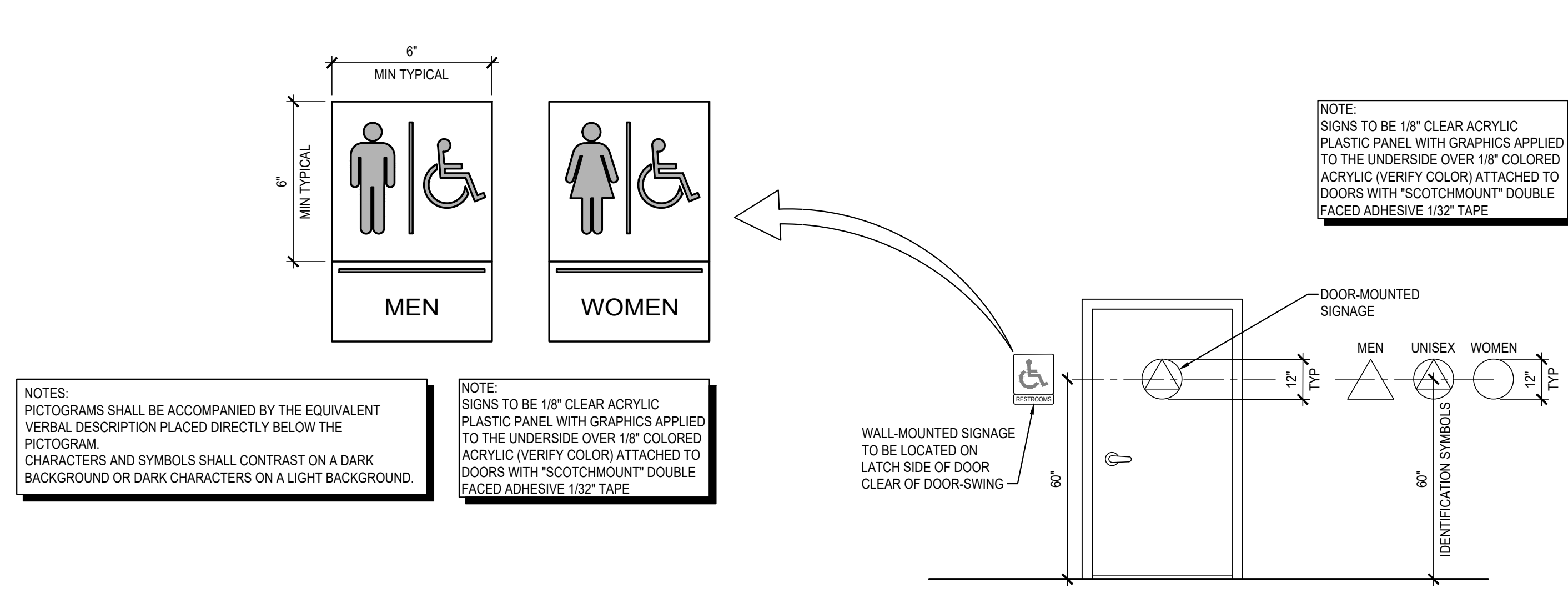
1 SIGNAGE AT INTERIOR DOOR
SCALE: NOT TO SCALE 0816



6 TYPICAL ACCESSIBLE MOUNTING HEIGHTS AND CLEARANCES
SCALE: NOT TO SCALE 0116



10 TYPICAL DRINKING FOUNTAIN CLEARANCES
SCALE: 1/2" = 1'-0" 0116

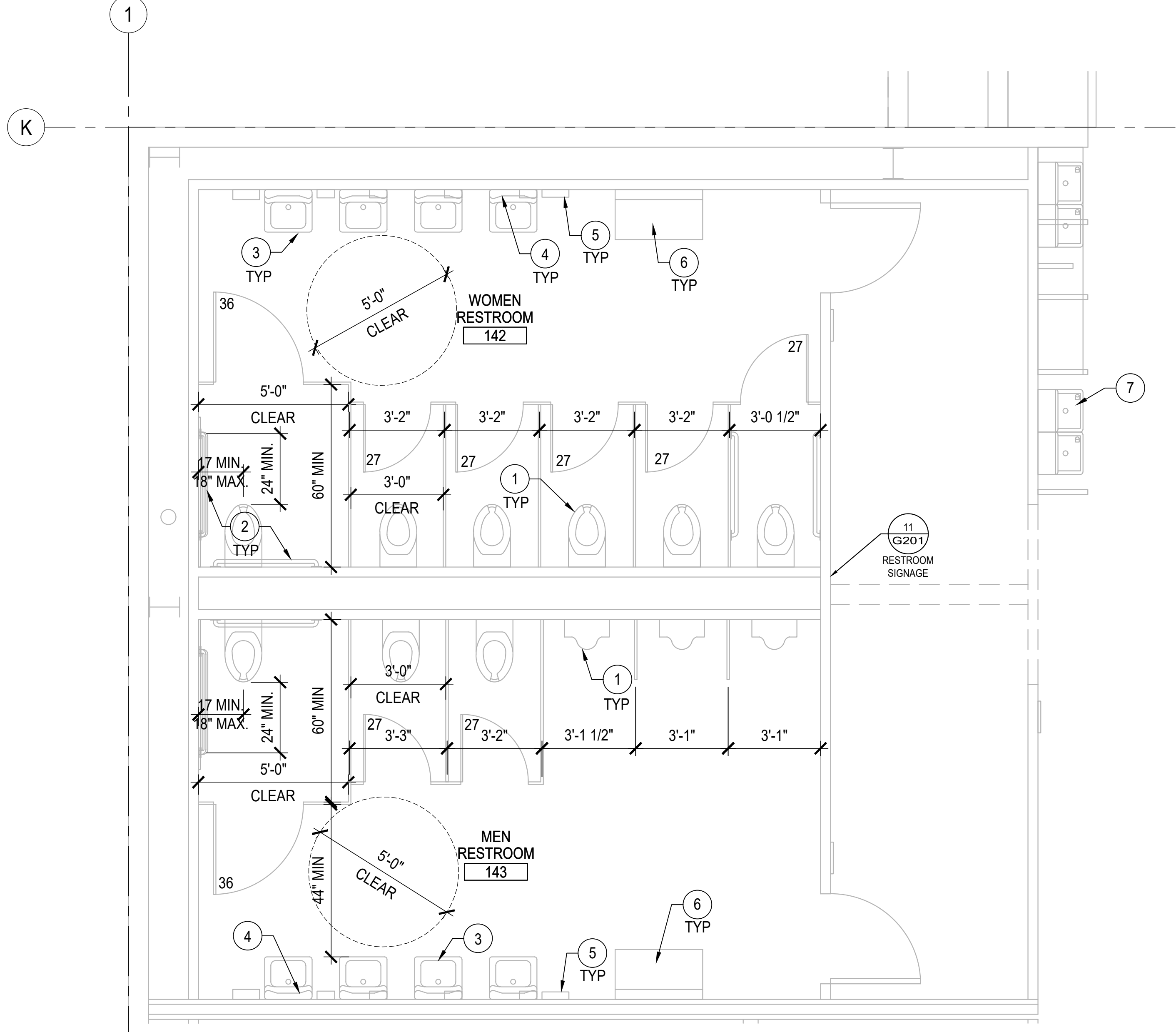


11 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE: 3" = 1'-0" 1012

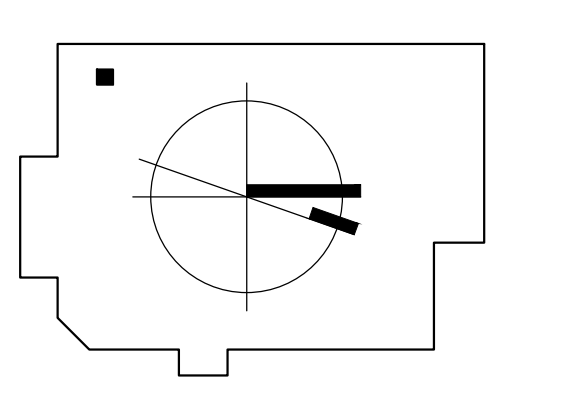
12 SIGNAGE AT SANITARY FACILITY
SCALE: 3/8" = 1'-0" 0108

FLOOR PLAN KEYNOTES	
1	PLUMBING FIXTURES
2	TOILET ACCESSORIES - GRAB BARS
3	SINK, FAUCETS, SOAP DISPENSERS
4	MIRRORS
5	AIR DRYER (SOIC)
6	BABY CHANGING TABLE
7	DRINKING FOUNTAIN

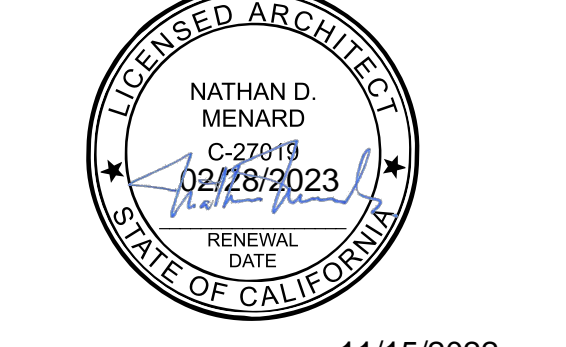
NOTE: NO CHANGE TO EXISTING RESTROOMS. SHOWN AS REFERENCE ONLY.



KEY PLAN



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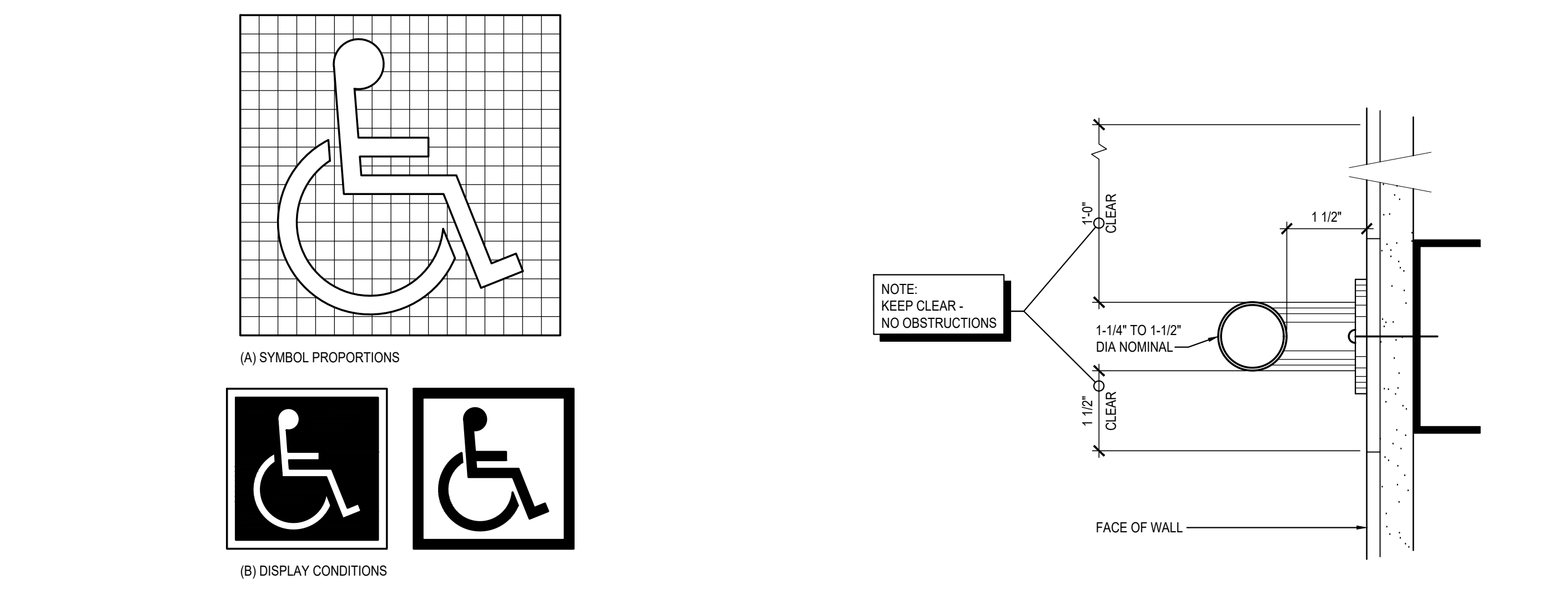
11/15/2022

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DATE	DESCRIPTION
08/01/22	PERMIT ISSUE
1 09/30/22	PLAN CHECK COMMENT #1

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EXISTING RESTROOM ACCESSIBILITY FEATURES
G202



16 INTERNATIONAL ACCESSIBILITY SYMBOL
SCALE: 1" = 1" 0104

17 GRAB BAR
SCALE: 6" = 1'-0" 0614

19 EXISTING RESTROOM
SCALE: 3/8" = 1'-0" 0614



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11/15/2022

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CAL GREEN

G203

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2020, Includes August 2019 Supplement)



Main body of the document containing building codes, tables (e.g., TABLE 5.106.5.3.3 - PARKING, TABLE 5.106.8 [N] - MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE), and various sections (5.106.12 SHADE TREES, 5.106.12.1 SURFACE PARKING, etc.)

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE 2016 CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.



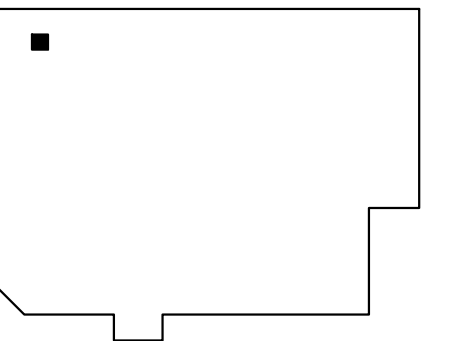
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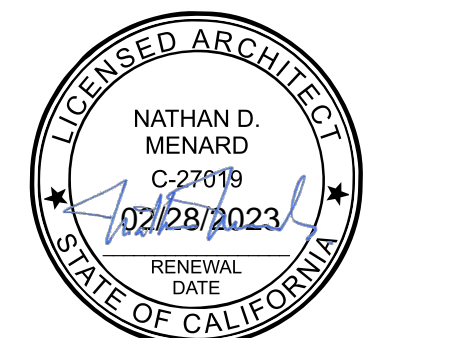


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KEY PLAN



NATHAN D. MENARD, ARCHITECT



11/15/2022

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CAL GREEN

G204



2019 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 2 (January 2020, Includes August 2019 Supplement)

Main table with columns for Y, N/A, RESPON, PARTY. Contains detailed code sections for water resistance, moisture control, waste management, energy-related systems, and material conservation. Includes sub-sections like 5.303.3.4 Faucets and fountains, 5.407.2 Moisture Control, 5.408.2 Construction Waste Management, etc.

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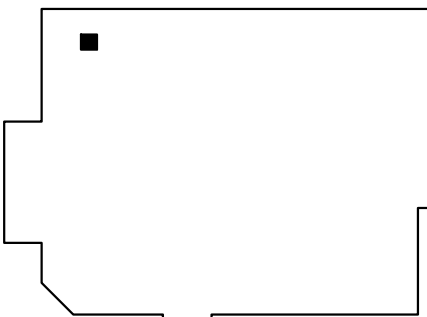
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KEY PLAN



NATHAN D. MENARD, ARCHITECT



11/15/2022

Table with 2 columns: DATE, DESCRIPTION. Row 1: 08/01/22 PERMIT ISSUE. Row 2: 09/30/22 PLAN CHECK COMMENT #1.

99-5890-20
PM: ARTURO REINA
DRAWN: MH

CAL GREEN

G205

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 3 (January 2020, Includes August 2019 Supplement)



Table 5.504.4.1 - ADHESIVE VOC LIMIT. Table 5.504.4.2 - SEALANT VOC LIMIT. Table 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS. Table 5.504.4.4 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS.

Table 5.504.4.5 - FORMALDEHYDE LIMITS. Table 5.504.4.6 - Resilient flooring systems. Table 5.504.4.7 - Environmental tobacco smoke (ETS) control. Table 5.505 INDOOR MOISTURE CONTROL. Table 5.506 INDOOR AIR QUALITY. Table 5.507 ENVIRONMENTAL COMFORT.

Table 5.508 OUTDOOR AIR QUALITY. Table 5.509 INDOOR AIR QUALITY. Table 5.510 INDOOR AIR QUALITY. Table 5.511 INDOOR AIR QUALITY. Table 5.512 INDOOR AIR QUALITY.

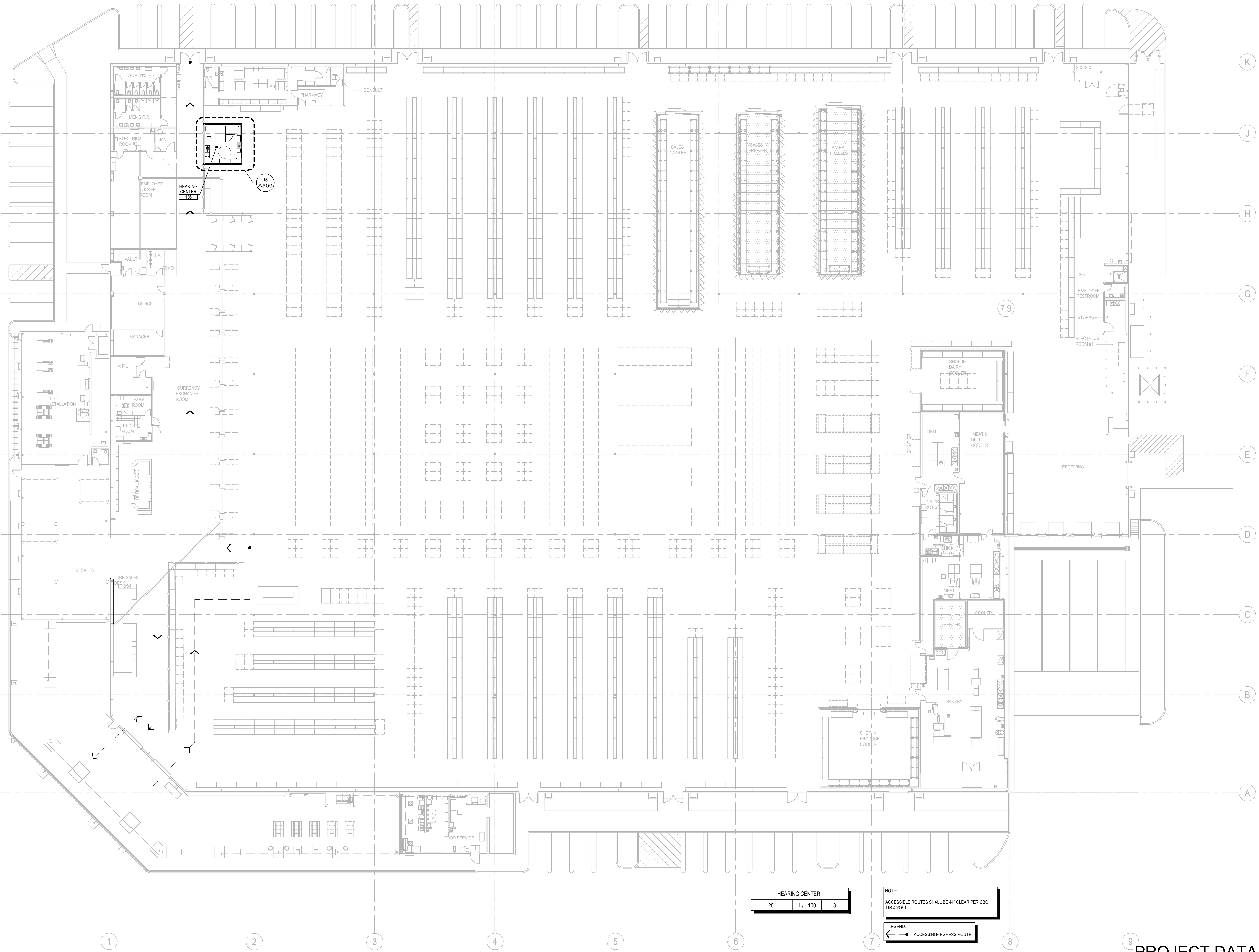
Table 5.508.2.1 Refrigerant piping. Table 5.508.2.1.1 Threaded pipe. Table 5.508.2.1.2 Copper pipe. Table 5.508.2.1.3 Flared tubing connections. Table 5.508.2.1.4 Elbows. Table 5.508.2.2 Valves. Table 5.508.2.2.1 Pressure relief valves. Table 5.508.2.2.1.1 Pressure detection. Table 5.508.2.2.2 Seal caps. Table 5.508.2.2.2.1 Chain tethers. Table 5.508.2.3 Refrigerated service cases. Table 5.508.2.3.1 Coil coating. Table 5.508.2.4 Refrigerant receivers. Table 5.508.2.5 Pressure testing. Table 5.508.2.5.1 Minimum pressure. Table 5.508.2.5.2 Leaks. Table 5.508.2.5.3 Allowable pressure change. Table 5.508.2.6 Evacuation. Table 5.508.2.6.1 First vacuum. Table 5.508.2.6.2 Second vacuum. Table 5.508.2.6.3 Third vacuum.

CHAPTER 7
INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

702 QUALIFICATIONS
702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program.
702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code.
702.3 VERIFICATIONS. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance.

DISCLAIMER: THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE 2016 CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN CODE). DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.

PLOTTED BY: JASMINE LE DATE/TIME: 10/24/2022 12:44 AM FILE: P:\COSTCO\09589-589-20\CHULA VISTA\ACU\7 CAD\03 CONSDOC\SIB589520-A101.DWG



OVERALL FLOOR PLAN
SCALE: 1/16" = 1'-0"

HEARING CENTER		
251	1/ 100	3

NOTE:
ACCESSIBLE ROUTES SHALL BE 4" CLEAR PER CBC 11B-403.1.1.

LEGEND:
← ● → ACCESSIBLE EGRESS ROUTE

PROJECT DATA

EXIST. BUILDING DATA:

BUILDING AREA	143,463 S.F.
TIRE CENTER	5,200 S.F.
FOOD SERVICE	1,113 S.F.
TOTAL BUILDING	149,776 S.F. (NO CHANGE)

COSTCO WHOLESALE
CHULA VISTA, CA #781
1130 BROADWAY AVE., CHULA VISTA, CA 91911

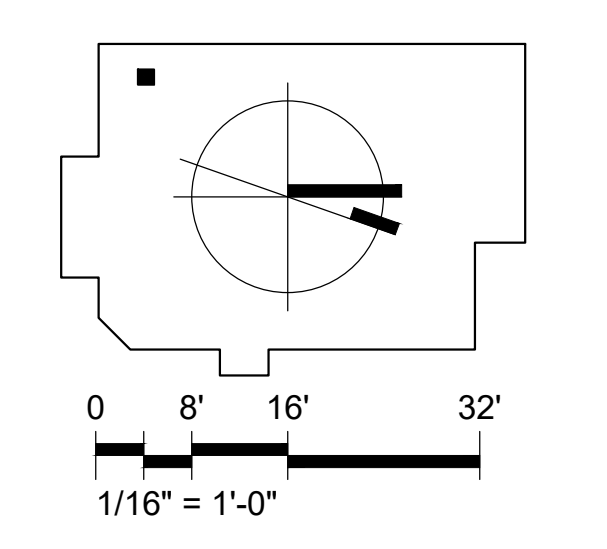
COSTCO WHOLESALE CORPORATION
999 LAKE DRIVE
ISSAQUAH, WA 98027
T: 425.313.8100
www.costco.com

1101 Second Ave, Ste 100
Seattle, WA 98101
206 962 6500
MG2.com



PERMIT SET

KEY PLAN



NATHAN D. MENARD, ARCHITECT



11/15/2022

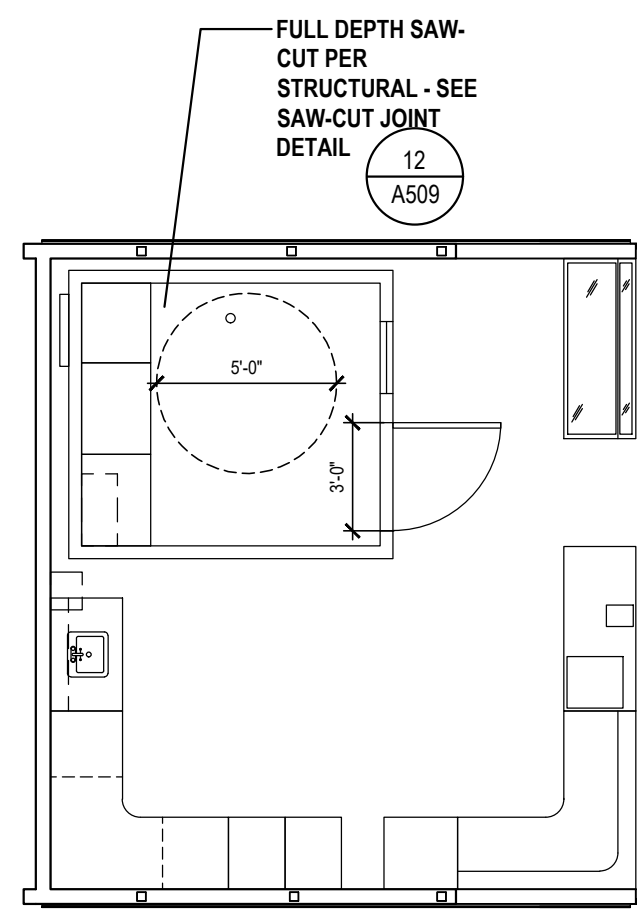
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DATE	DESCRIPTION
08/01/22	PERMIT ISSUE
1 09/30/22	PLAN CHECK COMMENT #1

99-5890-20
PM: ARTURO REINA
DRAWN: JL

OVERALL FLOOR PLAN
A101

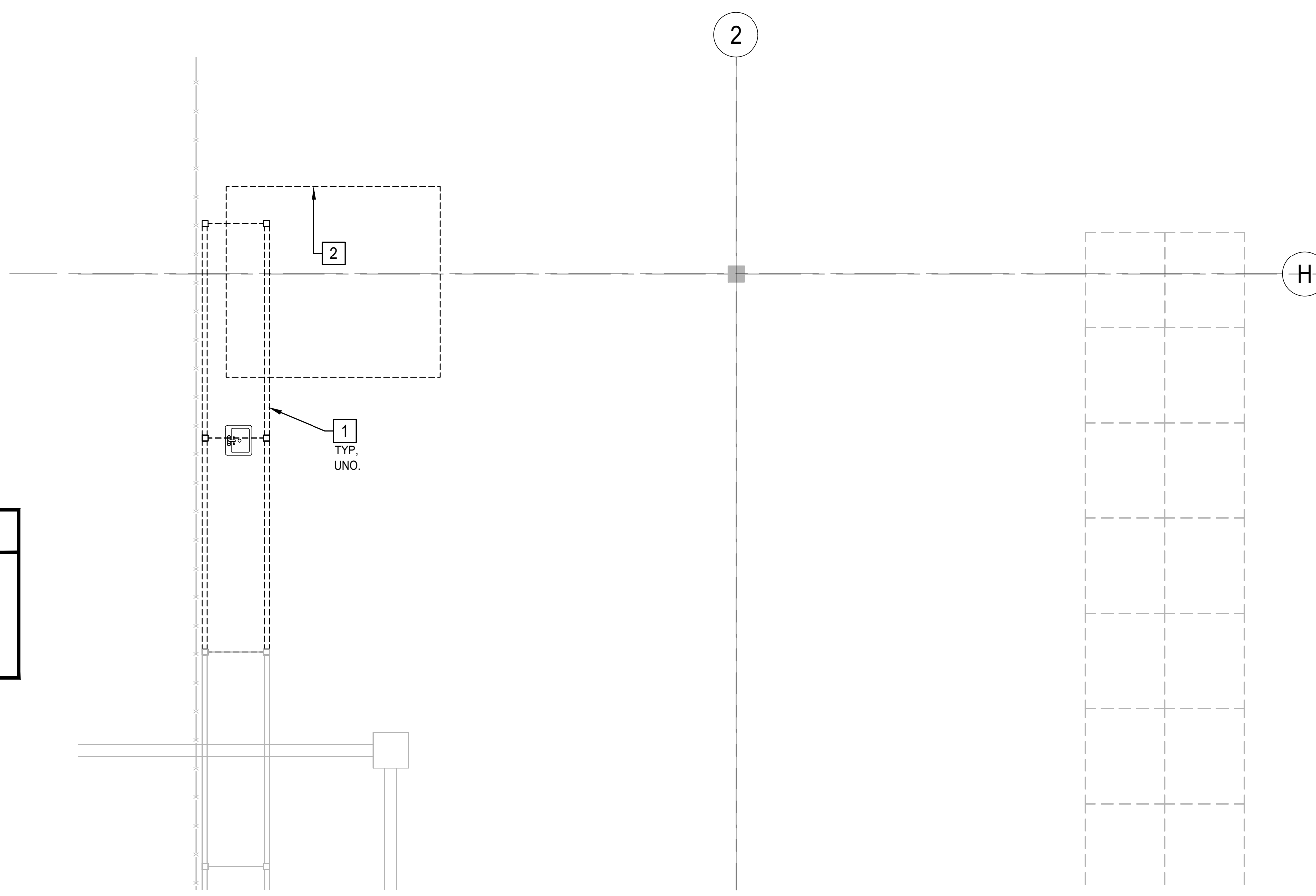
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KEYPLAN SAW-CUT JOINT LAYOUT

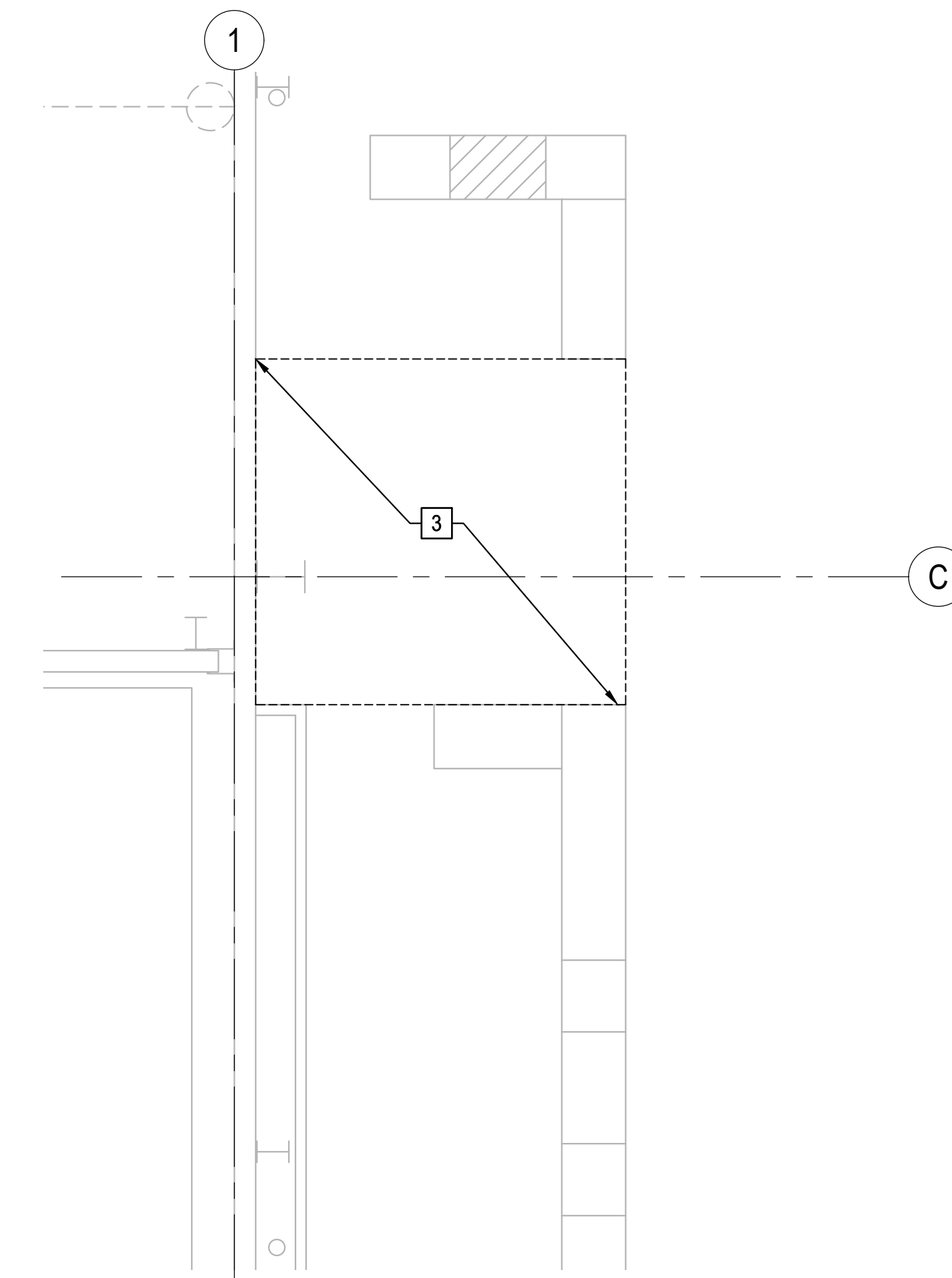
SCALE: 3/16" = 1'-0" 0322

DEMOLITION KEY NOTES		
1	REMOVE EXISTING RACKS, PALLETS, EXTERIOR DOOR AND FENCE.	
2	G.C. TO SAW-CUT JOINT PER STRUCTURAL.	
3	G.C. TO REMOVE EXISTING HEARING BOOTHS, WALL, SINK, HATCH, AND ADJACENT WORK STATION. PATCH AND REPAIR AS NEEDED.	



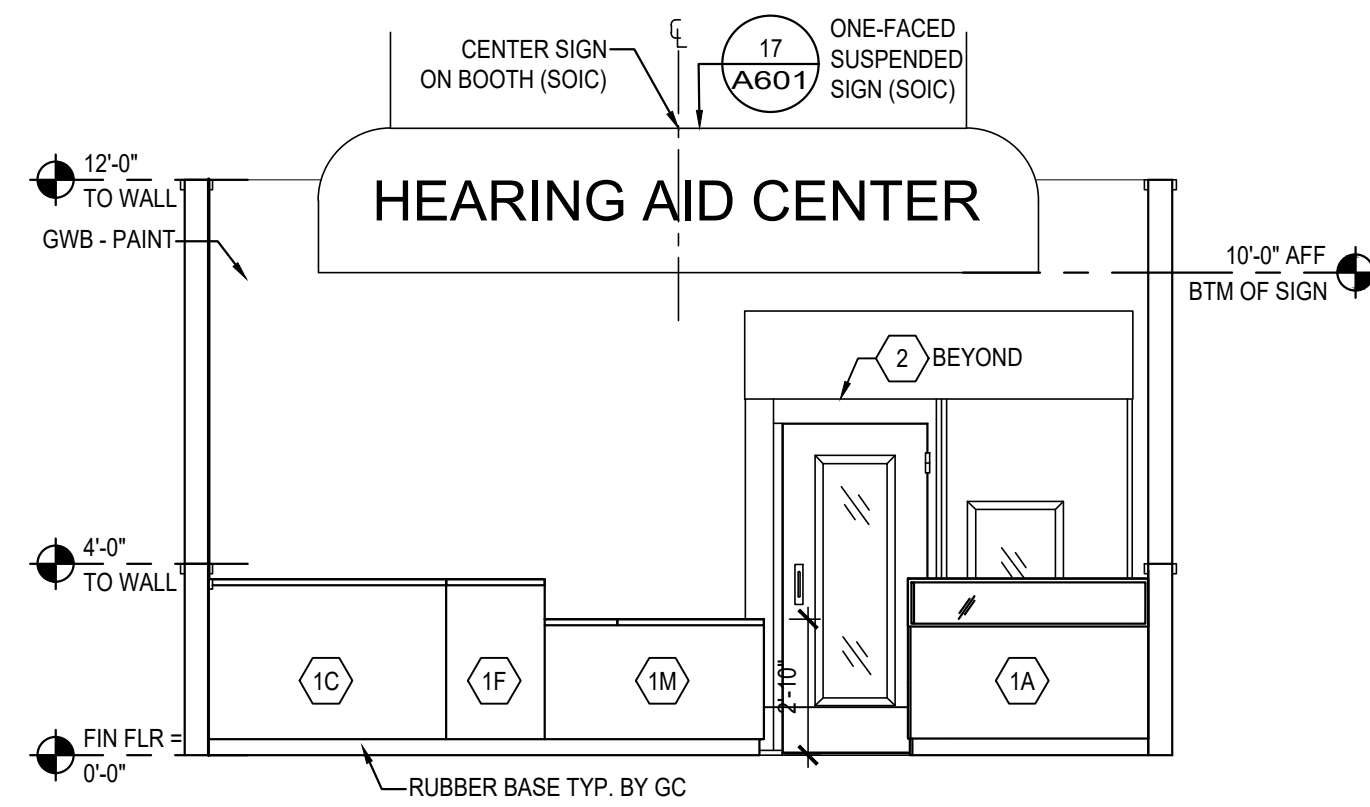
ENLARGED DEMO PLAN

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



HAC ENLARGED DEMO PLAN

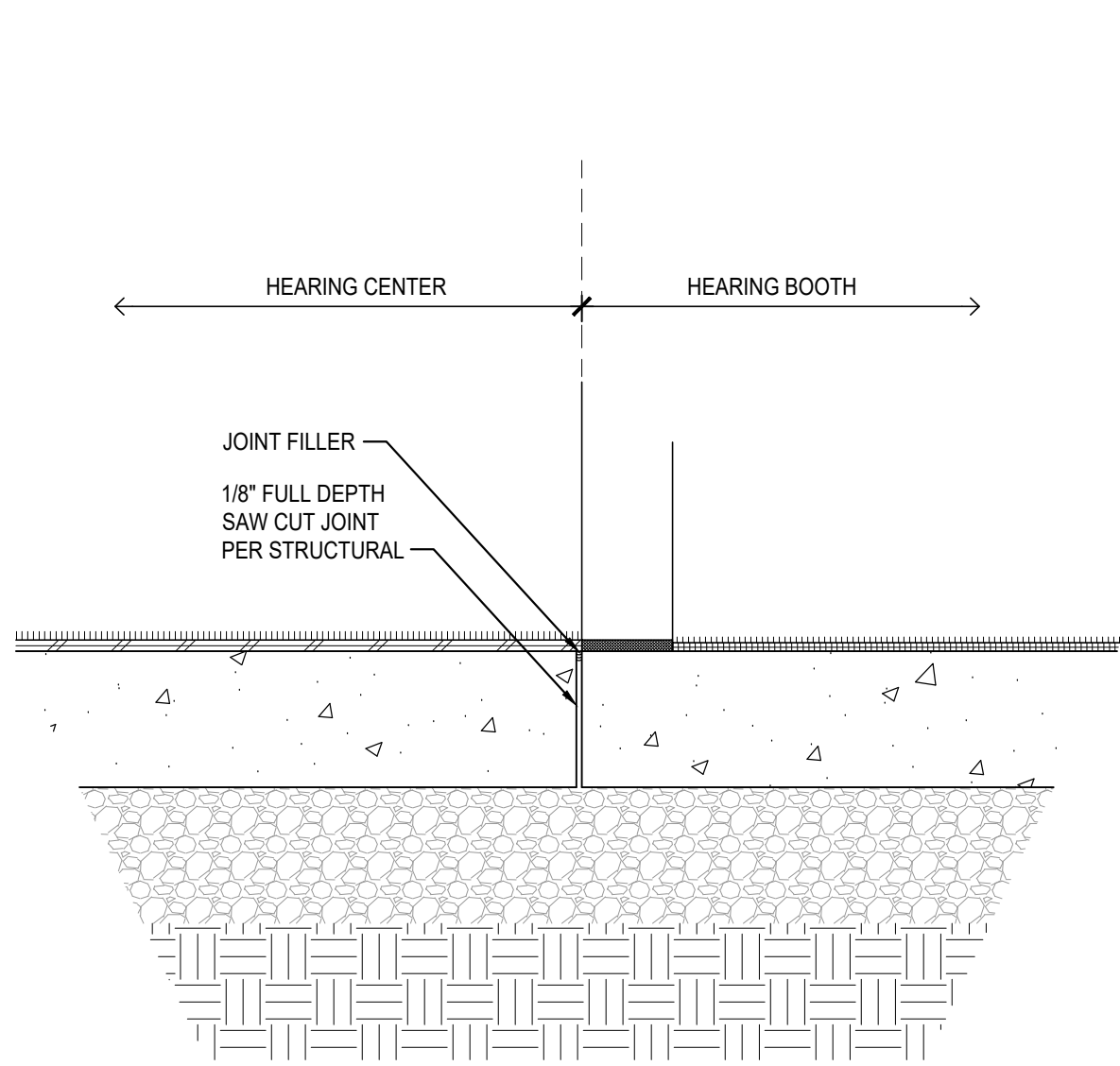
SCALE: 1/4" = 1'-0"



HEARING CENTER FRONT

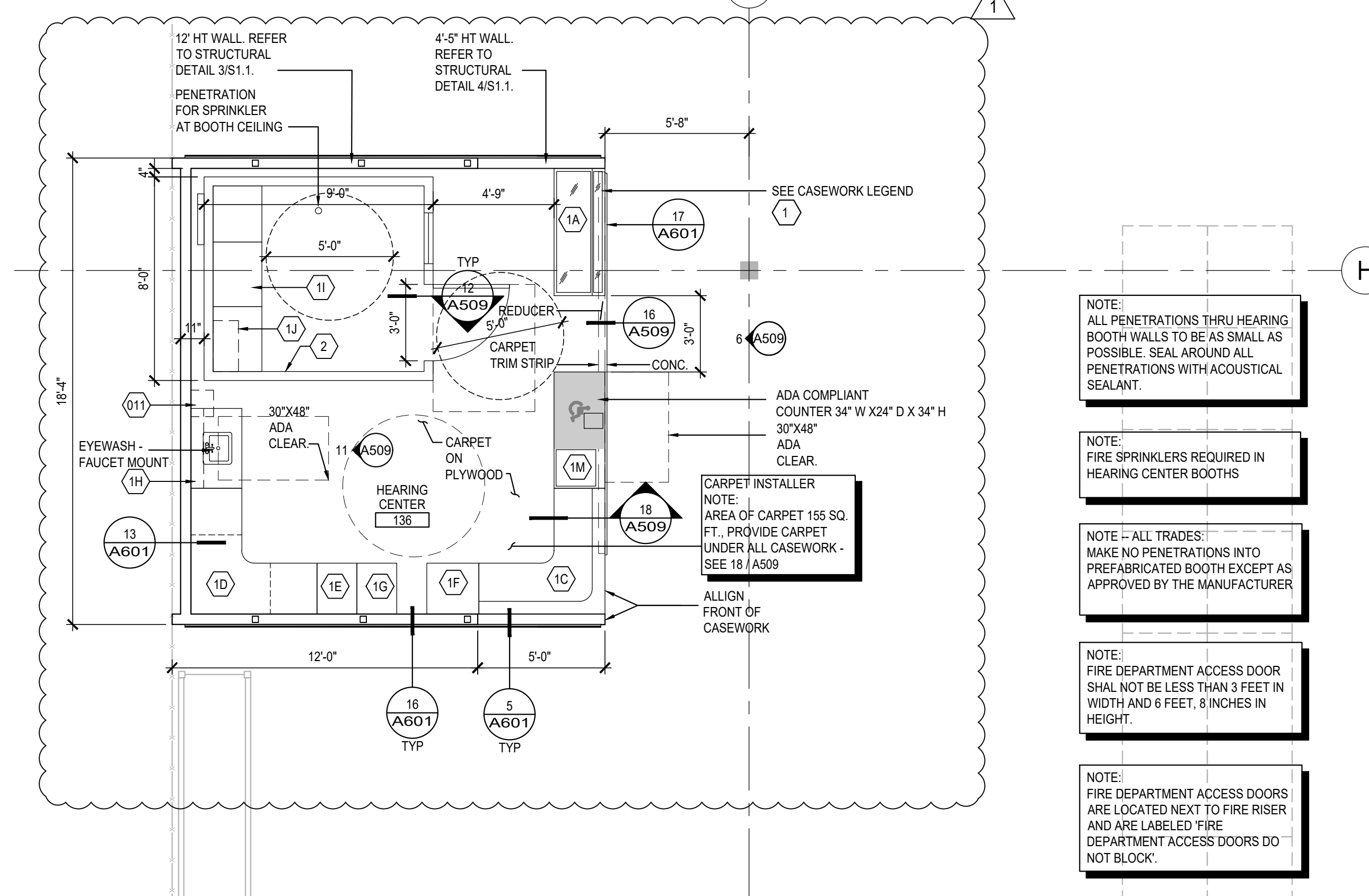
SCALE: 1/4" = 1'-0" 0617

HEARING CENTER EQUIPMENT LIST			
EQ NO	QTY	DESCRIPTION	SUPPLY/INSTALL
1	1	CASEWORK SET	SOIC
2	3	SOUND BOOTH W/ CASEWORK	SOIC
011	1	PAPER TOWEL DISPENSER	SOIC
HEARING CENTER CASEWORK LEGEND (SOIC)			
CASE	QTY	DESCRIPTION	REMARKS
1A	1	DISPLAY CASE	
1C	1	ADMIN DESK	MUST BE ATTACHED TO F
1D	1	BUFF AND GRIND WORKSTATION	
1E	1	12 DRAWER FILE	
1F	1	PRINTER CABINET	MUST BE ATTACHED TO C
1G	1	STORAGE CABINET	
1H	1	SINK HUTCH UNIT	
1I	3	BOOTH LOWER	3 PIECES
1J	3	BOOTH UPPER	ALIGN WITH BOOTH DOOR
1M	1	REGISTER WITH ACCES. SALES COUNTER	



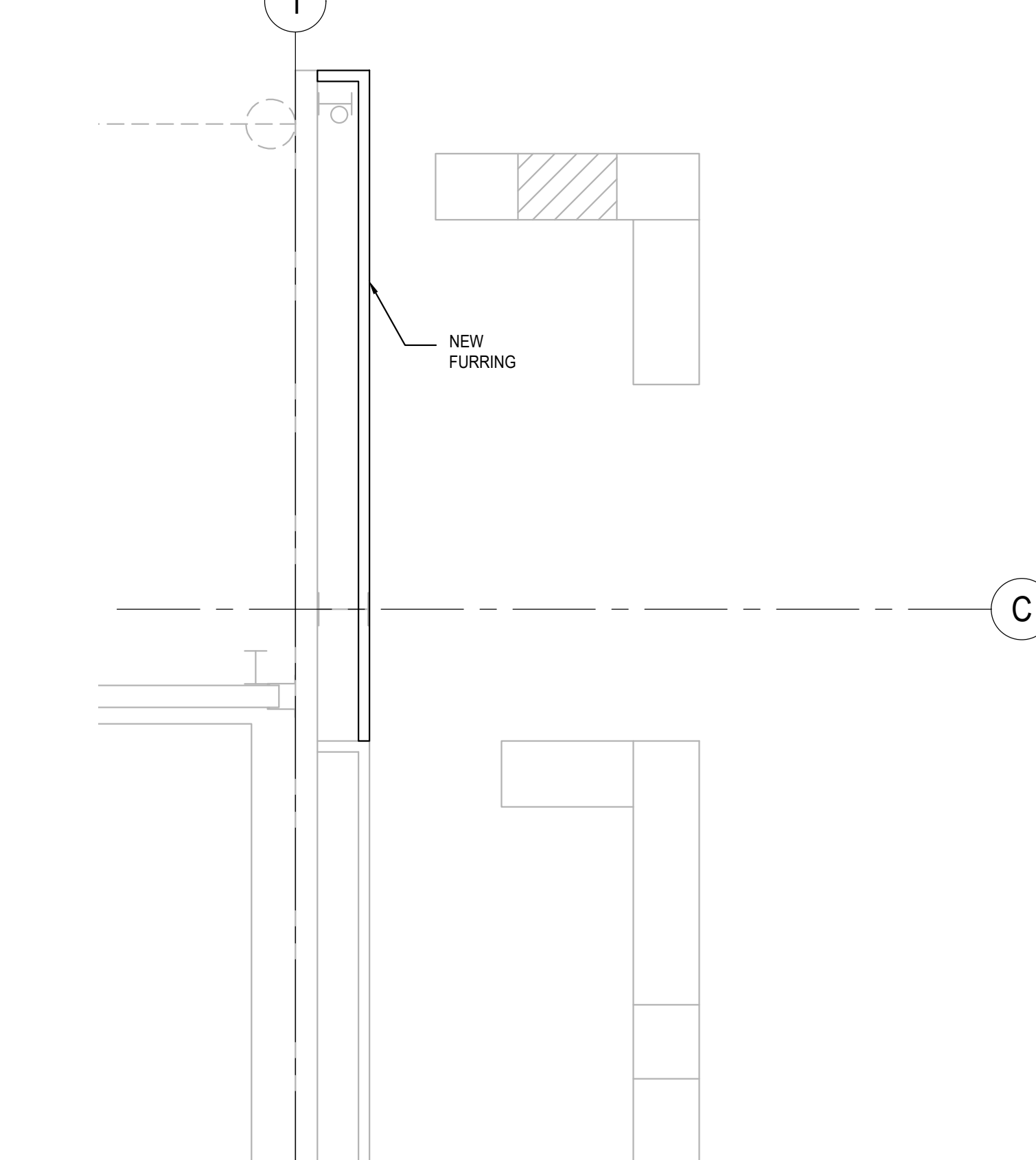
SAW-CUT JOINT AT HEARING BOOTH

SCALE: 1-1/2" = 1'-0" 1119



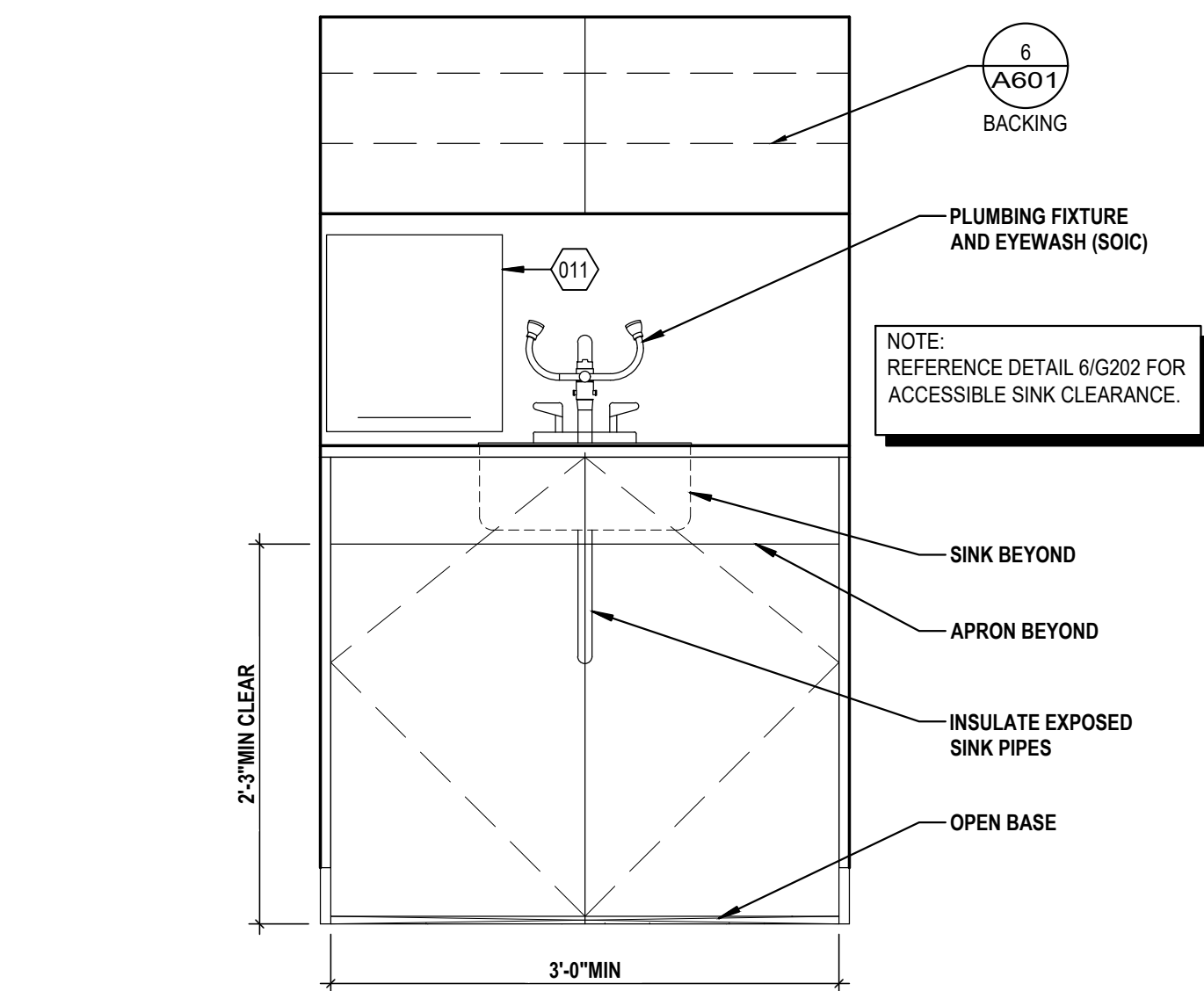
HAC ENLARGED CONCEPT PLAN

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



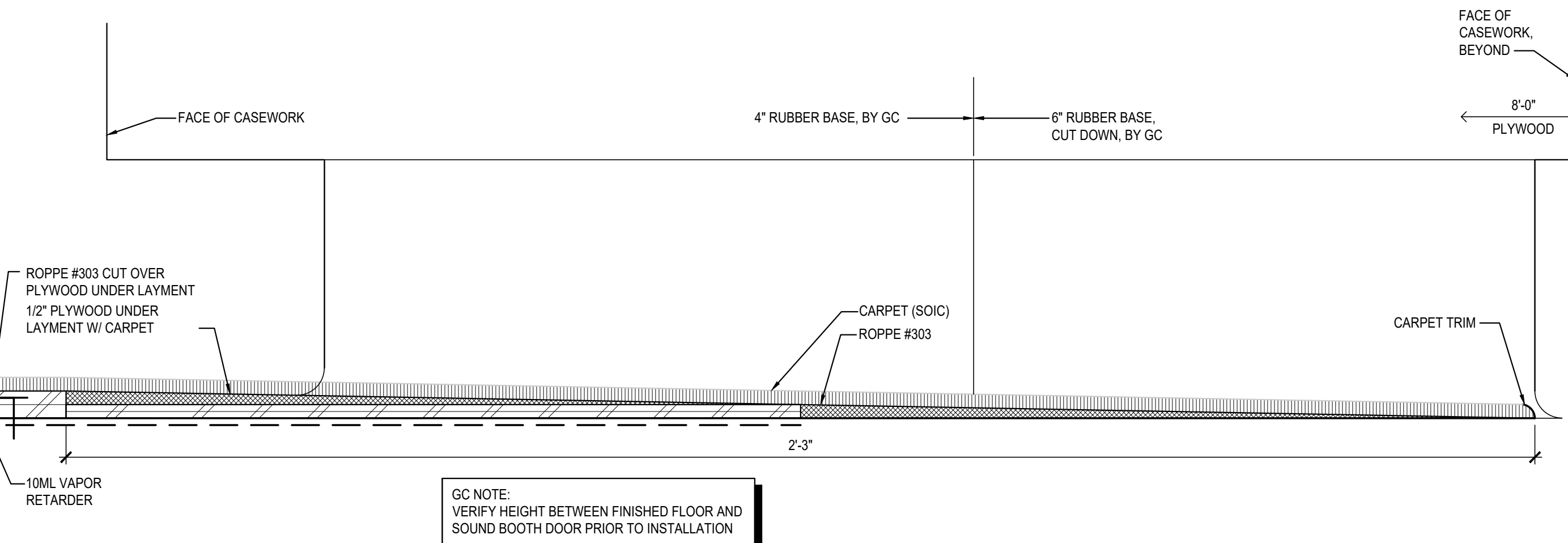
TIRE SALES ENLARGED CONCEPT PLAN

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



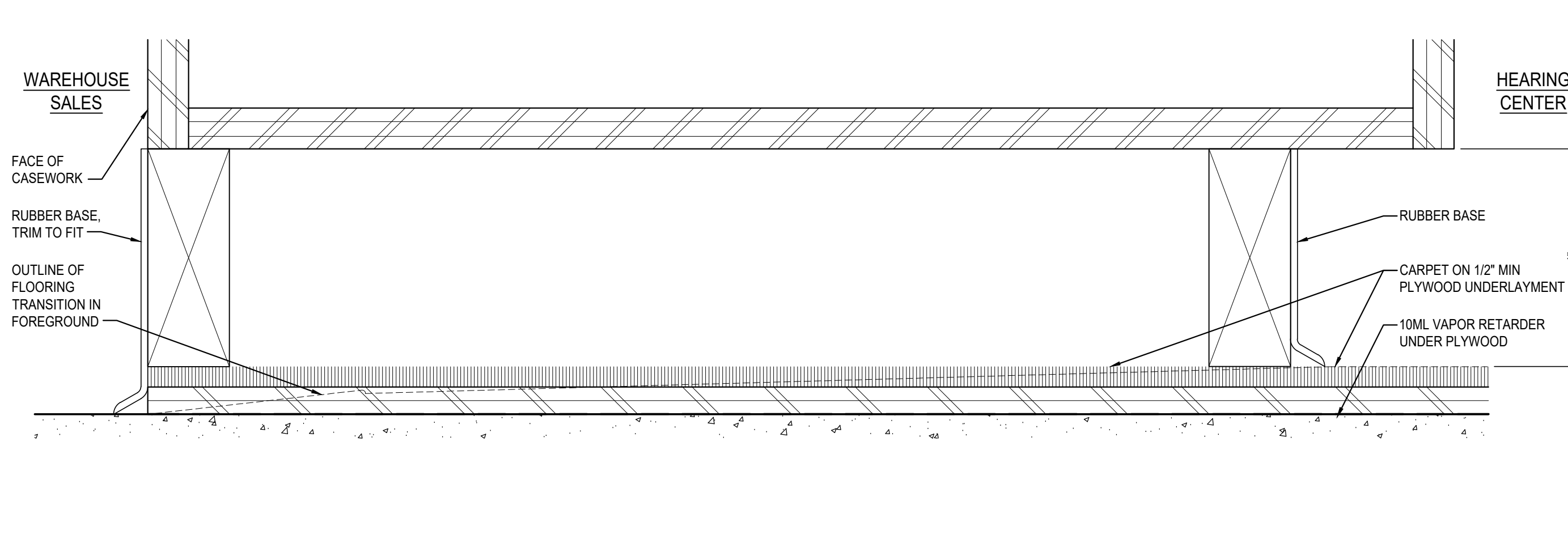
ELEVATION AT ACCESSIBLE SINK (SOIC)

SCALE: 1" = 1'-0" 0421



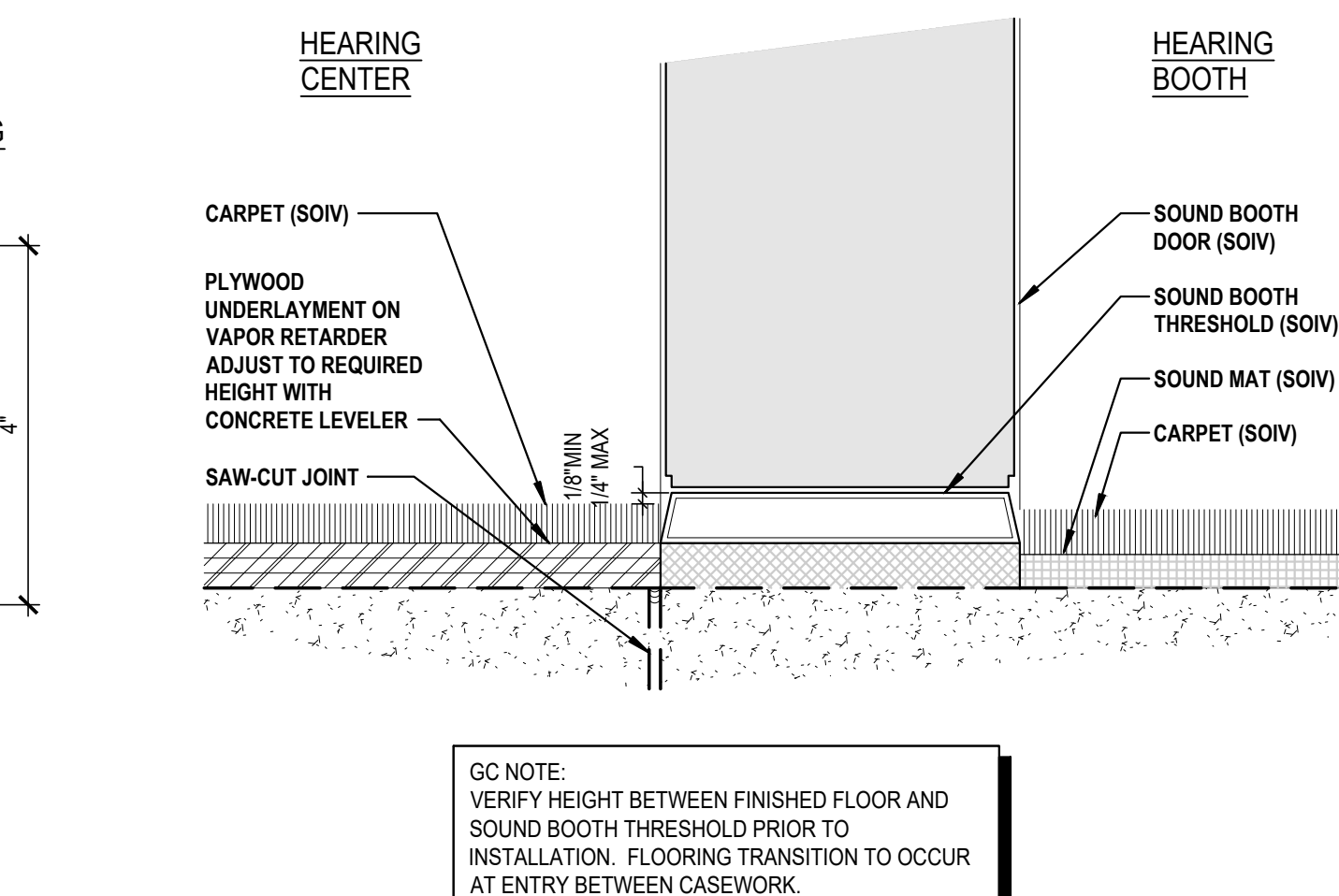
CARPET TRANSITION

SCALE: 6" = 1'-0" 0416



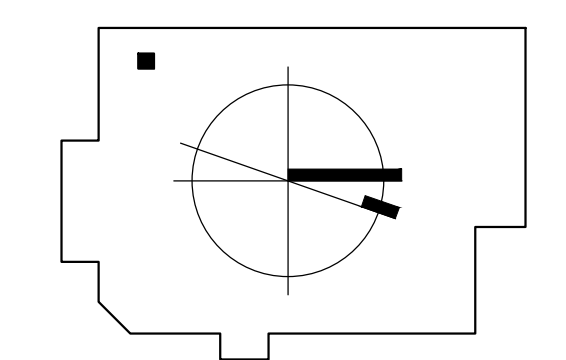
CASEWORK SECTION AT BASE

SCALE: 6" = 1'-0" 0220



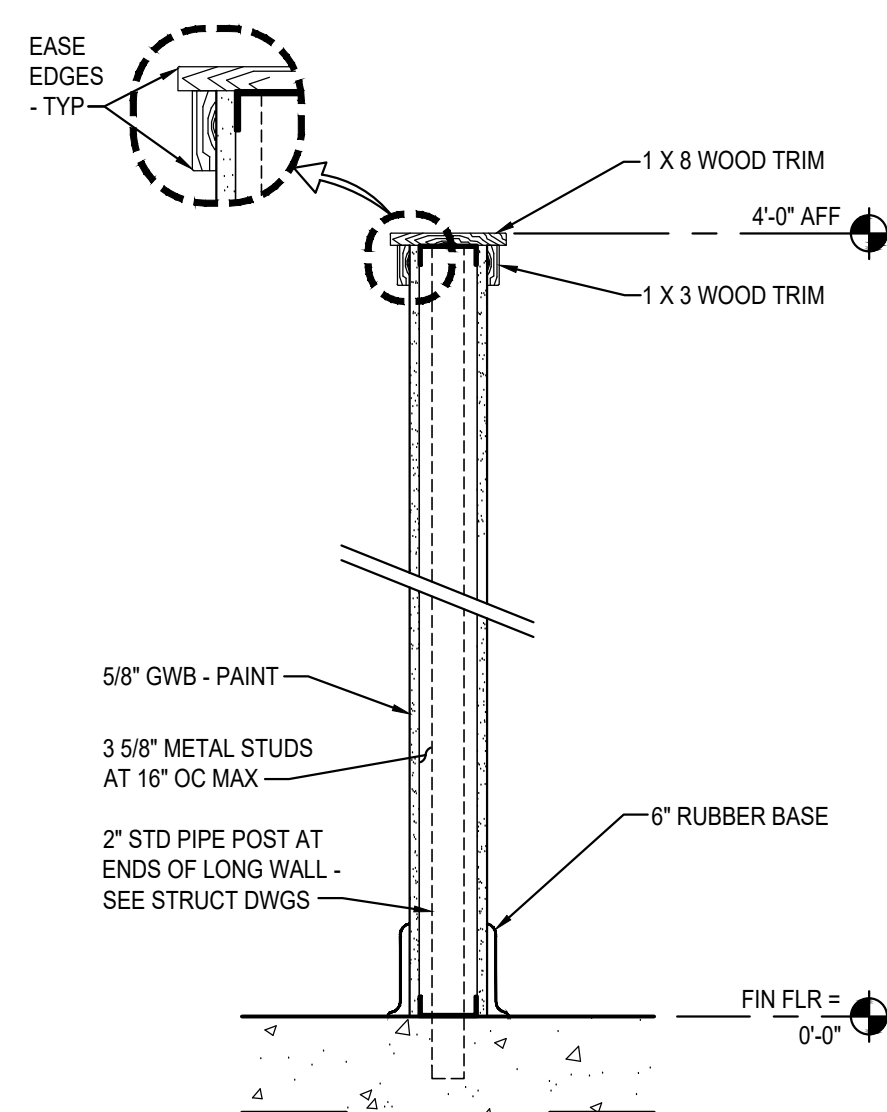
THRESHOLD AT HEARING BOOTH

SCALE: 6" = 1'-0" 0322



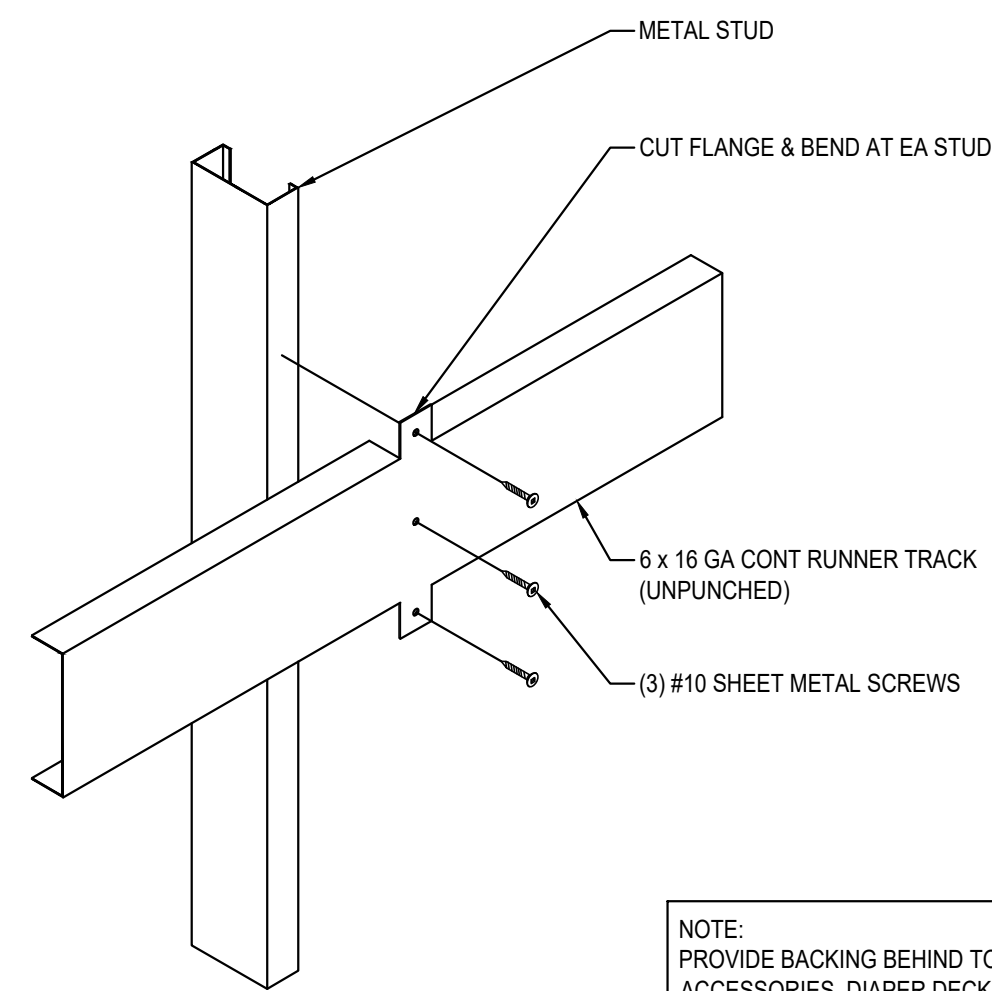
DATE	DESCRIPTION
08/01/22	PERMIT ISSUE
1 09/30/22	PLAN CHECK COMMENT #1

MASTER SET 10/20/22



5 4' HEIGHT SIDE WALL

SCALE: 1" = 1'-0"



NOTE:
PROVIDE BACKING BEHIND TOILET
ACCESSORIES, DIAPER DECK, GRAB
BARS, HANDRAIL BRACKETS, URINAL
SCREENS, PAPER TOWEL DISPENSERS,
SHELVING AND WALL MOUNTED
EQUIPMENT, ETC WHERE SHOWN

6 BACKING

SCALE: NOT TO SCALE

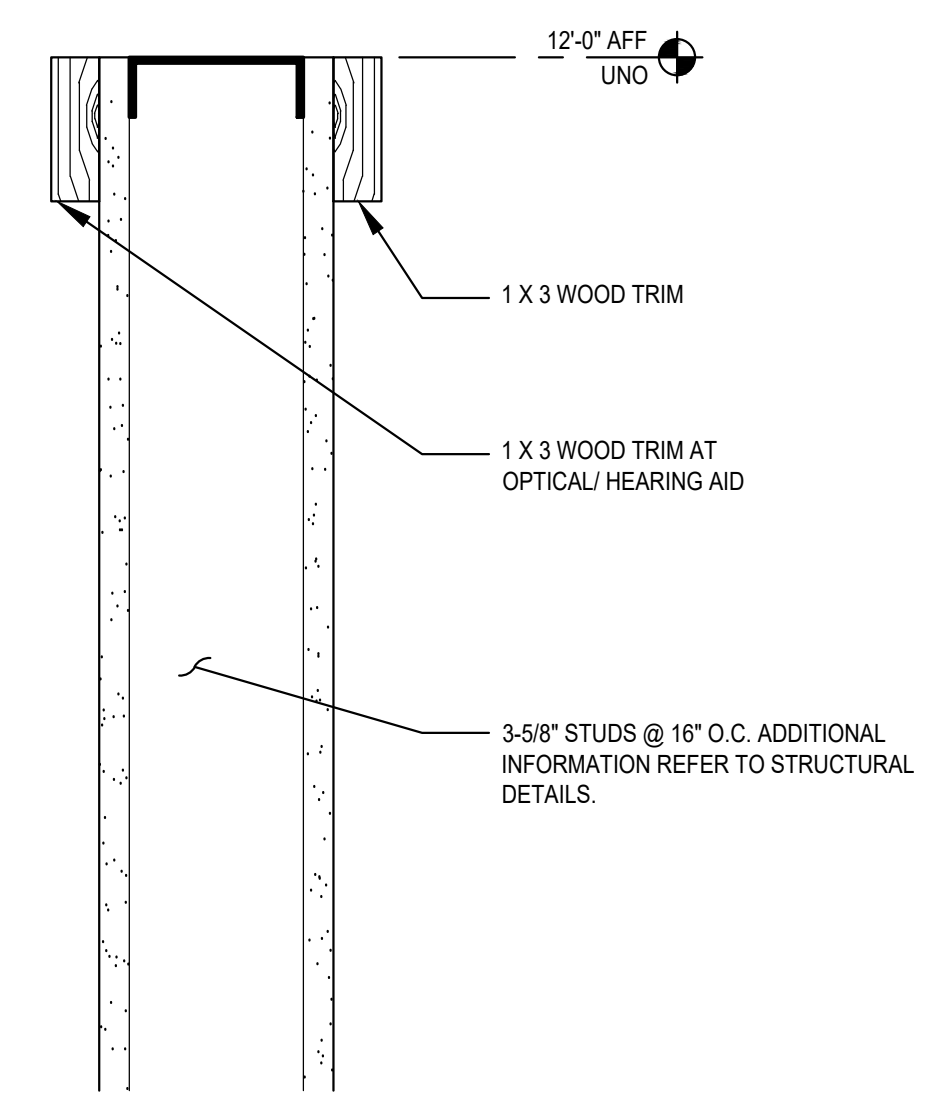
1012

LOCATION	NO	ROOM NAME	FLOOR		BASE		WALL		CEILING			REMARKS (SEE NOTES BELOW)
			MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	HT	
HEARING	136	HEARING CENTER	C		RB-4		GWB	P	OTS			2, 3

ROOM FINISH ABBREVIATION KEY	
C	CARPET TILE (SOIC)
GWB	GYPSUM WALL BOARD
OTS	OPEN TO STRUCTURE
P	PAINT - EGGSHELL FINISH
RB-4	RUBBER BASE - 4" HIGH
CONC	CONCRETE

ROOM FINISH REMARKS	
2.	GWB ON STUD WALLS - PAINTED
3.	PROVIDE BASE ON CASEWORK
14.	CHAIN LINK FENCE / GATE (SIO)

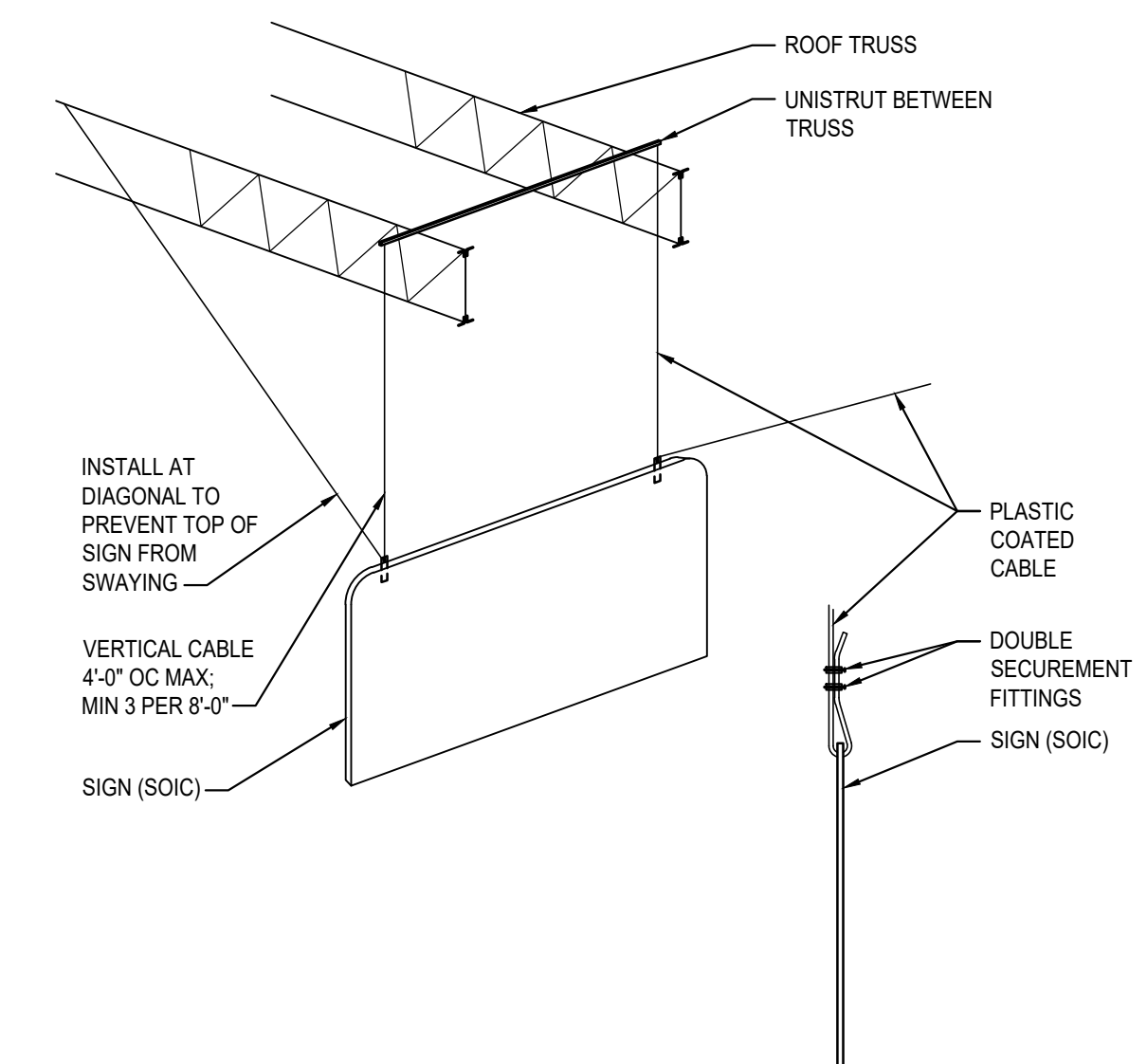
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16 TOP OF WALLS

SCALE: 3" = 1'-0"

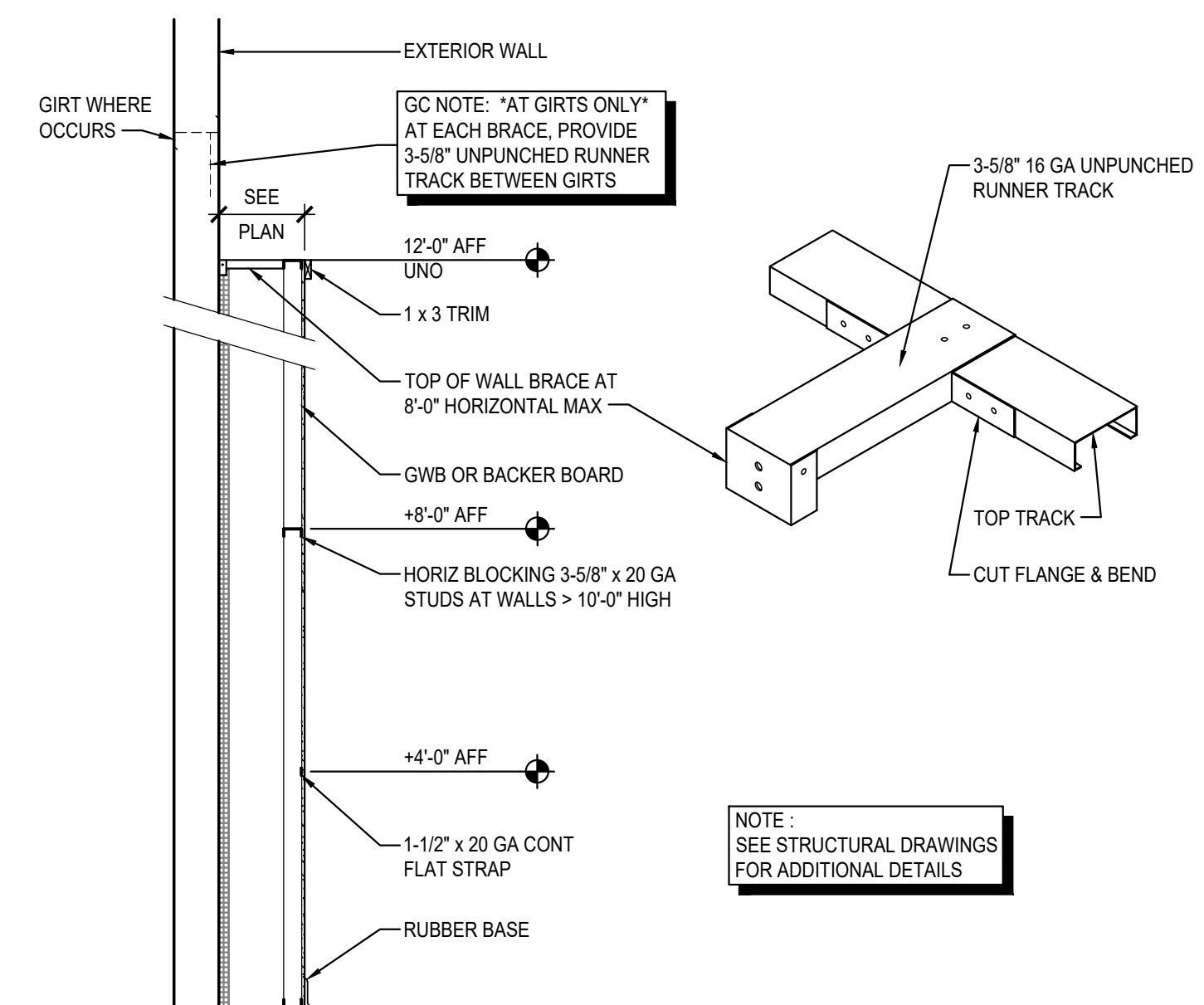
1018



17 ONE-FACED SUSPENDED SIGN

SCALE: NOT TO SCALE

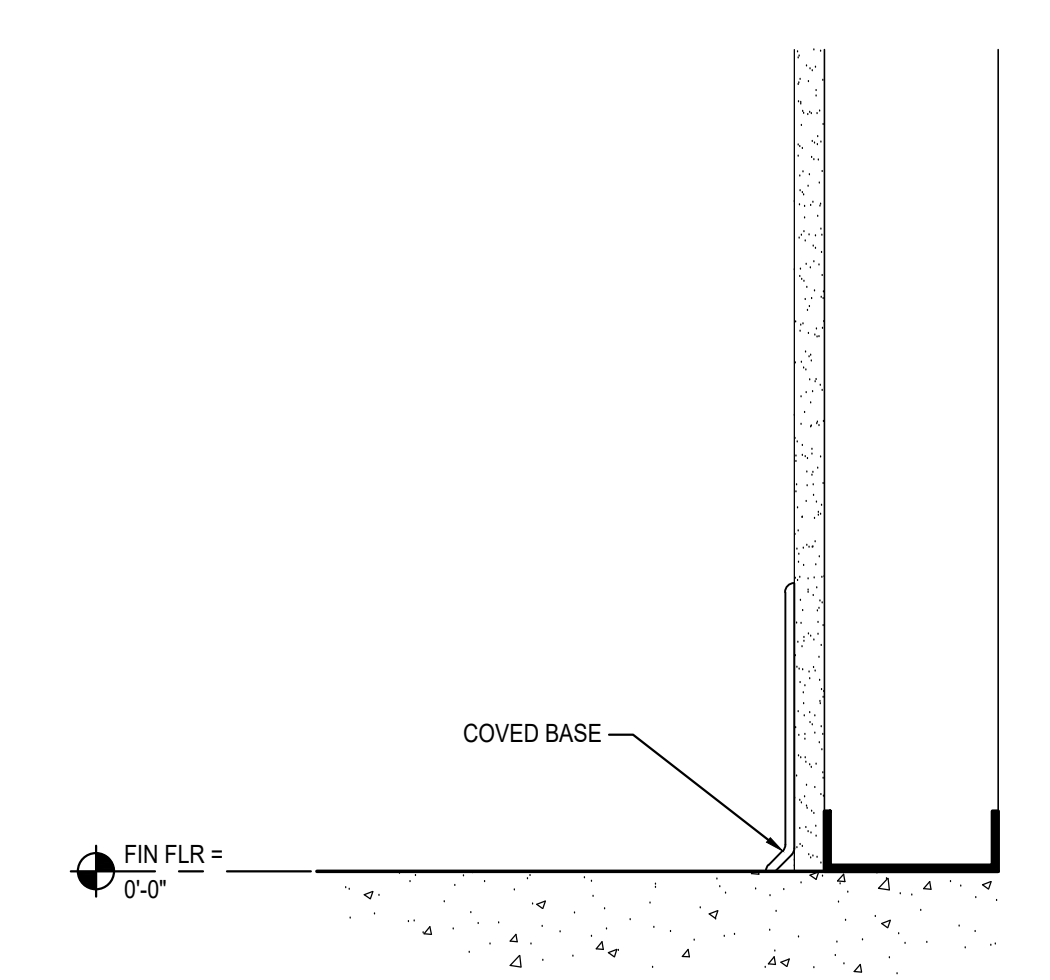
0914



13 FURRING AT EXTERIOR WALL

SCALE: NOT TO SCALE

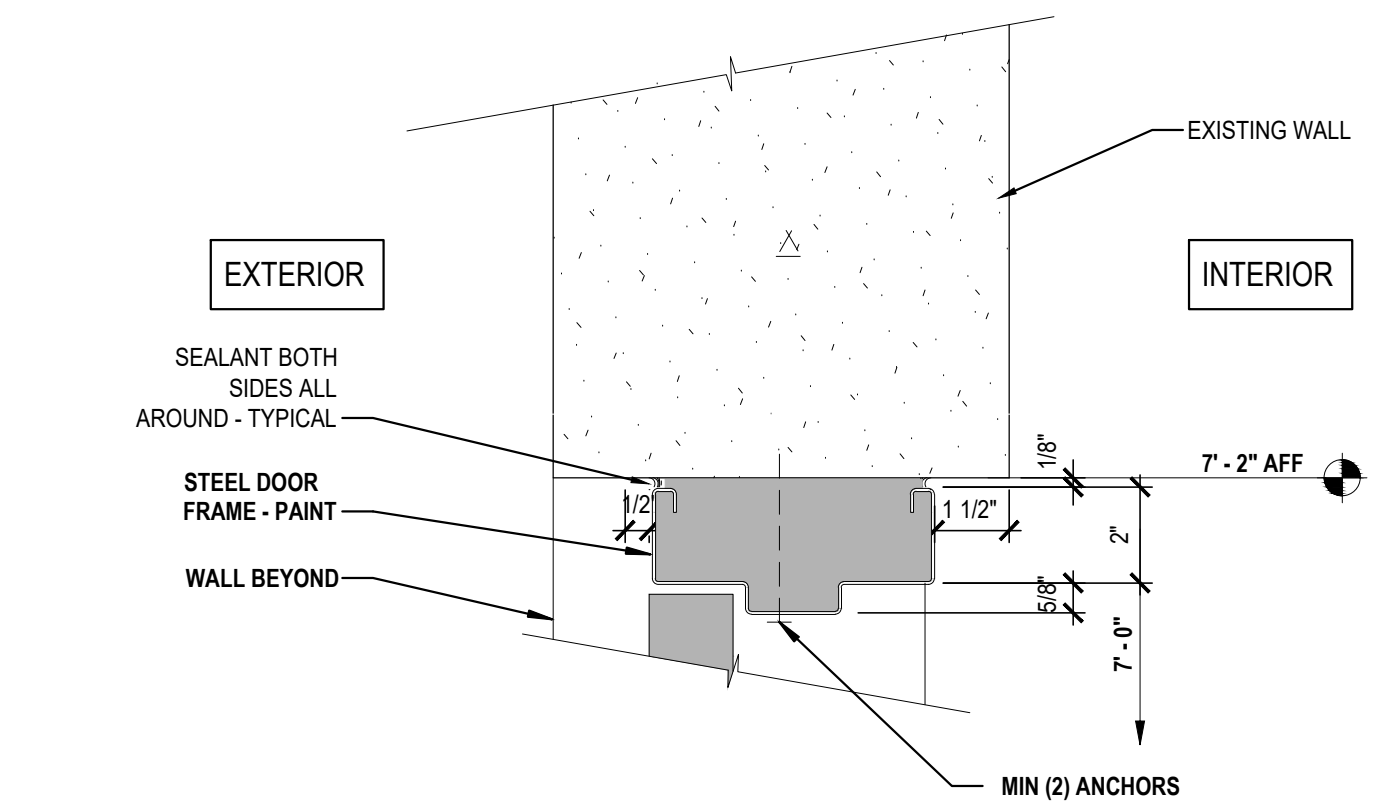
1218



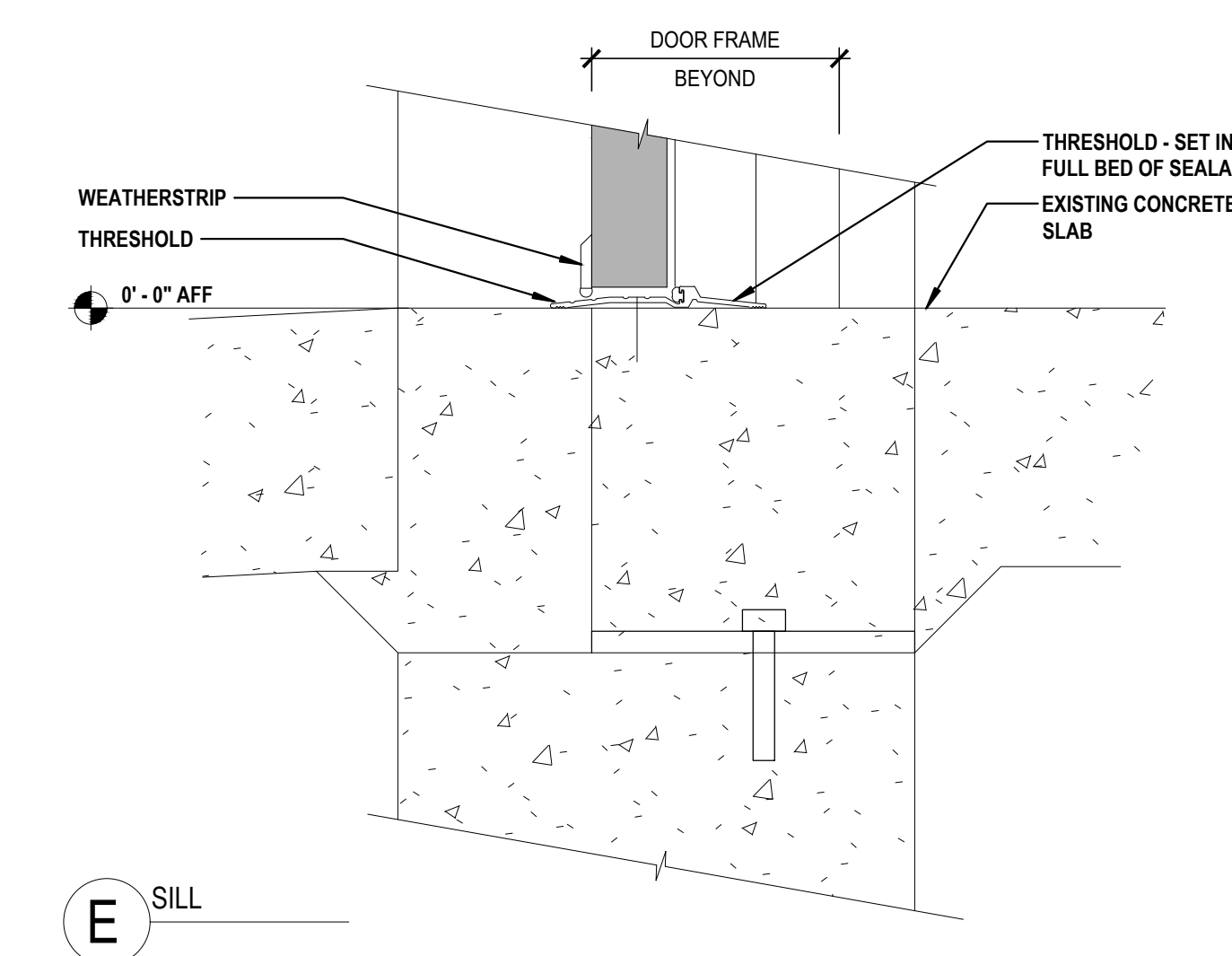
18 TYPICAL RUBBER BASE

SCALE: 3" = 1'-0"

0212



A HEAD



E SILL

20 EXTERIOR DOOR SIM

SCALE: 3" = 1'-0"

0714

COSTCO WHOLESALE
CHULA VISTA, CA #781
1130 BROADWAY AVE., CHULA VISTA, CA 91911

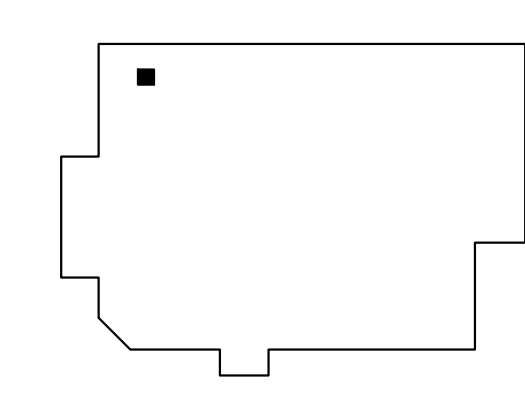
COSTCO WHOLESALE CORPORATION
999 LAKE DRIVE
ISSAQUAH, WA 98027
T: 425.313.8100
www.costco.com

1101 Second Ave, Ste 100
Seattle, WA 98101
206 962 6500
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PERMIT SET

KEY PLAN



NATHAN D. MENARD, ARCHITECT



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DATE	DESCRIPTION
08/01/22	PERMIT ISSUE
1 09/30/22	PLAN CHECK COMMENT #1

99-5890-20
PM: ARTURO REINA
DRAWN: MH

ROOM FINISH SCHEDULE AND TYPICAL INTERIOR DETAILS
A601

STATE OF CALIFORNIA Mechanical Systems Mechanical Systems Mechanical Systems

NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION NRCC-MCH-E

CERTIFICATE OF COMPLIANCE

Project Name: Hearing Center Remodel Report Page: Page 1 of 9
Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 10/31/22

A. GENERAL INFORMATION

01 Project Location (city) Chula Vista 04 Total Conditioned Floor Area 60
02 Climate Zone 10 05 Total Unconditioned Floor Area
03 Occupancy Types Within Project: 06 # of Stories (Habitable Above Grade) 1

Office (B) Retail (M) Non-refrigerated Warehouse (S)
 Hotel/ Motel Guest Rooms (R-1) School (E) Healthcare Facility (H)
 High-Rise Residential (R-2/R-3) Relocatable Class Bldg (E) Other (Write In):

* FOOTNOTES: Climate zone can be determined on the California Energy Commission's website at http://www.energy.ca.gov/maps/renewable/building_climate_zones.html

B. PROJECT SCOPE

Table Instructions: Include any mechanical systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.4, or §141.0(b)(2) for alterations.

My project consists of (check all that apply)

01 Air System(s) 02 Wet System Components 03 Dry System Components

Heating Air System Water Economizer Air Economizer
 Cooling Air System Pumps Electric Resistance Heat
 Mechanical Controls Hydronic System Piping Fan Systems
 Mechanical Controls (existing to remain, altered or new) Cooling Towers Ductwork (existing to remain, altered or new)
 Chillers Ventilation
 Boilers Zonal Systems/ Terminal Boxes

C. COMPLIANCE RESULTS

Table Instructions: If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D for guidance.

01	02	03	04	05	06	07	08	09
System Summary §140.3, §140.4	Pumps §140.4(i)	Fans/Economizers §140.4(j)	System Controls §120.2, §140.4(i)	Ventilation §120.1	Terminal Box Controls §140.4(d)	Distribution §120.3, §140.4(i)	Cooling Towers §110.2(e)(2)	Compliance Results
Yes	AND	AND	AND	AND	AND	AND	AND	DOES NOT COMPLY
Mandatory Measures Compliance (See Table Q for Details)								DOES NOT COMPLY

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards/> September 2020

STATE OF CALIFORNIA Mechanical Systems Mechanical Systems Mechanical Systems

NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION NRCC-MCH-E

CERTIFICATE OF COMPLIANCE

Project Name: Hearing Center Remodel Report Page: Page 2 of 9
Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 10/31/22

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Please review Table F for compliance: all fields which are not grey must be completed; any selections which include a "*" must also include a comment explaining how compliance is achieved. Selections made in Table O have been changed by the permit applicant. See Table E. Additional Remarks for permit applicant's explanation.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Table Instructions: Complete the following equipment schedules to show compliance with mandatory requirements found in §110.1 and §110.2(a) and prescriptive requirements found in §140.4(a), §140.4(b) and §140.4(k) or §141.0(b)(2) for alterations.

Dry System Equipment Sizing (includes air conditioners, condensers, heat pumps, VRF, furnaces and unit heaters)

01	02	03	04	05	06	07	08	09	10	11
Name or Item Tag	Equipment Category per Tables 110.2	Equipment Type per Tables 110.2 & Table 20	Smallest Size Available' §140.4(a)	Equipment Sizing per Mechanical Schedule (kBtu/h) §140.4 (b)(5)			Load Calculations**			
				Heating Output†	Cooling Output†	Total Heating Load (kBtu/h)	Per Design (kBtu/h)	Rated (kBtu/h)	Supp. Heating Output (kBtu/h)	Sensible Per Design (kBtu/h)
CU-1	Unitary AC/ Condensers	Condensing units, air cooled	Yes	14,000			9,000			
IU-121	Unitary AC/ Condensers	AC, air cooled, split, space constrained	Yes	10,400			9,000			

* FOOTNOTES: Equipment shall be the smallest size, within the available options of the desired equipment line, necessary to meet the design heating and cooling loads of the building per §140.4(a). Healthcare facilities are exempted.
† It is common practice to show rated output capacity on the equipment schedule. Sensible cooling output comes from specification sheet tabs.
** If equipment is heating only, leave cooling output and load blank. If equipment is cooling only, leave heating output and load blank.
*** Authority Having Jurisdiction may ask for load calculations used for compliance per §140.4(b).
Table Continued

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards/> September 2020

STATE OF CALIFORNIA Mechanical Systems Mechanical Systems Mechanical Systems

NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION NRCC-MCH-E

CERTIFICATE OF COMPLIANCE

Project Name: Hearing Center Remodel Report Page: Page 3 of 9
Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 10/31/22

Dry System Equipment Efficiency (other than Package Terminal Air Conditioners (PTAC) and Package Terminal Heat Pumps (PTHP))

01	02	03	04 Heating Mode			05 Cooling Mode			08	09
			Rating Condition (°F)	Efficiency Unit	Min Efficiency Required per Tables 110.2/ Title 20	Design Efficiency	Efficiency Unit	Min Efficiency Required per Tables 110.2/ Title 20		
Name or Item Tag	Size Category (Btu/h)									

G. PUMPS

This Section Does Not Apply

H. FAN SYSTEMS & AIR ECONOMIZERS

This Section Does Not Apply

I. SYSTEM CONTROLS

Table Instructions: Complete the following Table to demonstrate compliance with mandatory controls in §110.2 and §120.2 and prescriptive controls in §140.4(f) and (n) or requirements in §141.0(b)(2) for altered space conditioning systems.

01	02	03	04	05	06	07	08	09
System Name	System Zoning	Conditioned Floor Area Being Served (ft²)	Thermostats §110.2(b) & (c)1, §120.2(a) or §141.0(b)(2)	Shut-Off Controls §120.2(e)	Isolation Zone Controls §120.2(a)	Demand Response §110.12 and §120.2(b)	Supply Air Temp. Reset §143.4(f)	Window Interlocks per §140.4(n)
IU-121	single zone	≤ 25,000 ft²			NA: Single Zone			NA: No operable windows

* FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats.
* NOTES: Controls with a * require a note in the space below explaining how compliance is achieved.
EX: System 1: SA Temp Reset: Exempt because zones compliant with §140.4(f); EXCEPTION 1 to §140.4(f)

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards/> September 2020

STATE OF CALIFORNIA Mechanical Systems Mechanical Systems Mechanical Systems

NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION NRCC-MCH-E

CERTIFICATE OF COMPLIANCE

Project Name: Hearing Center Remodel Report Page: Page 4 of 9
Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 10/31/22

J. VENTILATION AND INDOOR AIR QUALITY

This Section Does Not Apply

K. TERMINAL BOX CONTROLS

This Section Does Not Apply

L. DISTRIBUTION (DUCTWORK AND PIPING)

This Section Does Not Apply

M. COOLING TOWERS

This Section Does Not Apply

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRC/

YES	NO	Form/Title	Systems To Be Field Verified	Field Inspector	
				Pass	Fail
<input checked="" type="checkbox"/>		NRC-MCH-01-E - Must be submitted for all buildings.		<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards/> September 2020

STATE OF CALIFORNIA Mechanical Systems Mechanical Systems Mechanical Systems

NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION NRCC-MCH-E

CERTIFICATE OF COMPLIANCE

Project Name: Hearing Center Remodel Report Page: Page 5 of 9
Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 10/31/22

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/

YES	NO	Form/Title	Systems To Be Field Verified	Field Inspector	
				Pass	Fail
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRC-MCH-02-A Outdoor Air must be submitted for all newly installed HVAC units. NOTE: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.		<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRC-MCH-03-A Constant Volume Single Zone HVAC NOTE: This form does not automatically move to "Yes". If Constant Volume Single Zone HVAC Systems are included in the scope, permit applicant should move this form to "Yes".		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRC-MCH-04-A Air Distribution Duct Leakage		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRC-MCH-05-A Air Economizer Controls		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRC-MCH-06-A Demand Control Ventilation Systems Acceptance must be submitted for all systems required to employ demand controlled ventilation (refer to §120.1(c)(3) can vary outside ventilation flow rates based on maintaining interior carbon dioxide (CO2) concentration setpoints.		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRC-MCH-07-A Supply Fan Variable Flow Controls		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRC-MCH-08-A Valve Leakage Test		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRC-MCH-09-A Supply Water Temperature Reset Controls		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRC-MCH-10-A Hydronic System Variable Flow Controls		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRC-MCH-11-A Automatic Demand Shed Controls		<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards/> September 2020

STATE OF CALIFORNIA Mechanical Systems Mechanical Systems Mechanical Systems

NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION NRCC-MCH-E

CERTIFICATE OF COMPLIANCE

Project Name: Hearing Center Remodel Report Page: Page 5 of 9
Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 10/31/22

DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

YES	NO	Form/Title	Systems To Be Field Verified	Field Inspector	
				Pass	Fail
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-MCH-12-A FDD for Packaged Direct Expansion Units		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-MCH-13-A Automatic FDD for Air Handling Units and Zone Terminal Units Acceptance		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-MCH-14-A Distributed Energy Storage DX AC Systems Acceptance NOTE: This form does not automatically move to "Yes". If Distributed Energy Storage DX AC Systems are included in the scope, permit applicant should move this form to "Yes".		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-MCH-15-A Thermal Energy Storage (TES) System Acceptance NOTE: This form does not automatically move to "Yes". If Chilled Water Storage, Ice-on-Coil Internal Melt, Ice-on-Coil External Melt, Ice Harvester, Brine, Ice-Slurry, Eutectic Salt, Clathrate Hydrate Slurry (CHS), Cryogenic or Encapsulated Ice Ball Systems are included in the scope, permit applicant should move this form to "Yes".		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-MCH-16-A Supply Air Temperature Reset Controls		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-MCH-17-A Condenser Water Temperature Reset Controls		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-MCH-18 Energy Management Control Systems		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-MCH-19 Occupancy Sensor Controls		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-MCH-20 Multi-Family Ventilation		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCA-MCH-21 Multi-Family Envelope Leakage		<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards/> September 2020

STATE OF CALIFORNIA Mechanical Systems Mechanical Systems Mechanical Systems

NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION NRCC-MCH-E

CERTIFICATE OF COMPLIANCE

Project Name: Hearing Center Remodel Report Page: Page 7 of 9
Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 10/31/22

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be completed by a HERS Rater and provided to the building inspector during construction. The final documents must be created by a HERS Providers registry, but drafts can be found online at https://www.energy.ca.gov/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCV/

YES	NO	Form/Title	Systems To Be Field Verified	Field Inspector	
				Pass	Fail
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCV-MCH-04-H Duct Leakage Test NOTE: Must be completed by a HERS Rater		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCV-MCH-24 Enclosure Air Leakage Worksheet NOTE: Must be completed by a HERS Rater		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCV-MCH-27 High-rise Residential NOTE: Must be completed by a HERS Rater		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCV-MCH-32 Local Mechanical Exhaust NOTE: Must be completed by a HERS Rater		<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards/> September 2020

STATE OF CALIFORNIA Mechanical Systems Mechanical Systems Mechanical Systems

NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION NRCC-MCH-E

CERTIFICATE OF COMPLIANCE

Project Name: Hearing Center Remodel Report Page: Page 8 of 9
Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 10/31/22

Q. MANDATORY MEASURES DOCUMENTATION LOCATION

Table Instructions: Indicate where mandatory measures are documented in the plan set or construction documentation. For any mandatory measures that do not apply, mark the plan sheet or construction document location as "N/A", any active cells that are left blank will result in non-compliance in Table C.

01	02
Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block:	Plan sheet or construction document location:
Yes	

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards/> September 2020

STATE OF CALIFORNIA Mechanical Systems Mechanical Systems Mechanical Systems

NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION NRCC-MCH-E

CERTIFICATE OF COMPLIANCE

Project Name: Hearing Center Remodel Report Page: Page 9 of 9
Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 10/31/22

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Paal Ryan Documentation Author Signature: [Signature]
Company: T.E., Inc. Signature Date: 10/31/22
Address: 830 North Riverside Drive Suite #200 CEAT/HERS Certification Identification (if applicable):
City/State/Zip: Renton, Washington 98057 Phone: (425) 970-3753

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Paal Ryan Responsible Designer Signature: [Signature]
Company: T.E., Inc. Date Signed: 10/31/22
Address: 830 North Riverside Drive Suite #200 License:
City/State/Zip: Renton, Washington 98057 Phone: (425) 970-3753

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance: <http://www.energy.ca.gov/title24/2019standards/> September 2020

PERMIT COMMENTS

CHECKED: RPK/PWC

DRAWN: AXH

REVISION DATE: OCTOBER 31, 2022

ISSUE DATE: AUGUST 17, 2022

ARCHITECT REFERENCE NO: 98-5890-20

T.E., Inc. 830 N. RIVERSIDE DRIVE SUITE #200 RENTON, WA 98057 PHONE: 425-970-3753 FAX: 425-970-3756

HEARING CENTER REMODEL WAREHOUSE #781 1130 BROADWAY CHULA VISTA, CA 91911

COSTCO WHOLESALE

MP-0.1 11/01/22

TITLE 24

PREPARED: NO-22-267

NO PART OF THIS DOCUMENT MAY BE USED OR COPIED IN WHOLE OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF T.E., INC.

K:\2022\260-269\22-267 - Costco - Chula Vista (#0781) - CA - Hearing Center Remodel\267MP-0.1.dwg, 11/1/2022 10:15:11 AM, Leitch

K:\2022\260-269-267 - Costco - Chula Vista (#0781) - CA - Hearing Center Remodel\267MP-1.dwg, 11/1/2022 10:15:19 AM, Tleitch

GENERAL MECHANICAL NOTES

- THE FOLLOWING NOTES APPLY TO THE ENTIRE PLAN AS APPLICABLE.
- M.C. SHALL ENSURE ALL ROOF TOP EQUIPMENT IS LABELED CORRECTLY AND MATCH CALLOUTS ON PLAN ON THE INSIDE & OUT OF THE BUILDING. THIS INCLUDES HVAC UNITS AND EXHAUST FAN. LABELS SHOULD BE IN 6" BLOCK LETTERING IN BLACK COLOR AND LOCATED WHERE EASILY VISIBLE FROM THE ROOF HATCH.
 - MAINTAIN A MINIMUM OF 10'-0" BETWEEN EXHAUST OUTLET AND UNIT FRESH AIR INTAKE.
 - COORDINATE ALL MECHANICAL DUCTWORK LOCATIONS WITH ELECTRICAL EQUIPMENT. NO DUCTWORK WILL BE ALLOWED TO RUN OVER THE TOP OF ELECTRICAL DISTRIBUTION EQUIPMENT OF PANELS.
 - DIMENSIONS ARE TO COLUMN LINES.
 - APPLICABLE BUILDING CODE: 2019 CBC
 - APPLICABLE MECHANICAL CODE: 2019 CMC
 - APPLICABLE ENERGY CODE: 2019 DEC
 - PROVIDE TIE DOWN FOR ALL FLUES & VENTS OF 3' OR TALLER.
 - FIELD VERIFY EXISTING FIRE SPRINKLERS AND DUCT DETECTORS. REINSTALL AND RECONNECT DUCT DETECTORS OR REPLACE WITH EQUAL.
 - ALL CONDENSATE PIPING TO BE SLOPED AT 2% MINIMUM UNLESS OTHERWISE NOTED.
 - RUN PIPING IN TRUSS SPACE PERPENDICULAR OR PARALLEL TO BUILDING JOIST OR GIRDERS. FOR PASSING BELOW SOLID GIRDERS MOUNT PIPING 6" MAXIMUM FROM BOTTOM OF GIRDER. DO NOT BLOCK LIGHTING AND SKYLIGHTS

MECHANICAL PLAN NOTES

- SEE RUBBIE ON PLAN FOR SPECIFIC REFERENCE.
- FIELD VERIFY UNIT NUMBERING. RENUMBER UNIT AS SHOWN IF NECESSARY. (RELABEL UNIT AND PANEL SCHEDULE).
 - INSTALL NEW SPLIT SYSTEM. MC TO LOCATE NEW OUTDOOR UNIT ABOVE BEAM. MAINTAIN MINIMUM SERVICE CLEARANCE FROM EXISTING SKYLIGHTS AND UNITS.

PIPING SYSTEMS

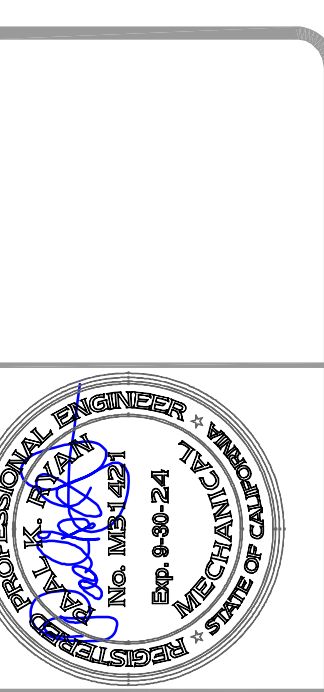
- THE FOLLOWING NOTES APPLY TO THE ENTIRE PLAN AS APPLICABLE.
- APPLICABLE PLUMBING CODE: 2019 CPC
 - ALL WASTE PIPING, CONDENSATE PIPING & STORM DRAIN PIPING TO BE SLOPED AT 2% MINIMUM UNLESS OTHERWISE NOTED.
 - SURFACE MOUNTED PIPING WILL NOT BE ACCEPTABLE IN FINISHED ROOMS OR COOLERS. PIPING AND CONDUIT OF ALL TYPES SHALL BE CONCEALED WITHIN WALLS, FLOORS, OR CEILINGS (INCLUDING CONDENSATE DRAIN LINES, WATER HEATER PRESSURE RELIEF LINES AND SODA LINES.)
 - INSULATE ALL INTERIOR PIPING: STORM DRAIN, HOT, COLD REIRC, AND CONDENSATE PER SPECIFICATION SECTION 22 07 00.
 - PIPING IN ROOF TRUSS SPACE TO BE RUN PERPENDICULAR OR PARALLEL TO BUILDING JOIST OR GIRDERS. FOR PASSING BELOW SOLID GIRDERS MOUNT PIPING 6" MAXIMUM FROM BOTTOM OF GIRDER. DO NOT BLOCK LIGHTING & SKYLIGHTS
 - BUILDING DRAIN AND VENT PIPING MATERIALS SHALL COMPLY WITH SECTIONS 701.0 AND 903.0 OF THE CALIFORNIA PLUMBING CODE
 - ALL SANITARY SYSTEMS MATERIALS SHALL BE LISTED BY AN APPROVED LISTING AGENCY
 - EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX INCHES ABOVE THE FLOOD LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY OR BEFORE BEING CONNECTED TO ANY OTHER VENT
 - SINK FAUCET SHALL NOT EXCEED A WATER FLOW OF 1.8 GPM

PIPE MATERIAL SCHEDULE

PIPE USE	MATERIAL	ALTERNATE MATERIAL (IF ALLOWED BY JURISDICTION)
DOMESTIC WATER	ALL DOMESTIC WATER PIPING ABOVE GRADE TO BE SIZED PER PLAN TYPE L, HARD DRAWN TEMPER COPPER TUBE PIPING ASTM B 88.	NONE.
FUEL GAS	ALL FUEL GAS PIPING TO BE SIZED PER PLAN STANDARD WEIGHT BLACK STEEL PIPING ASTM A 53	NONE.
GREASE WASTE	ALL WASTE PIPING 2-1/2" AND LARGER ABOVE GRADE, AND ALL UNDERGROUND PIPING TO BE SIZED PER PLAN STANDARD HUBLESS CAST IRON PIPING CISPI 301. ALL WASTE PIPING 2" AND SMALLER ABOVE GRADE TO BE SIZED PER PLAN STANDARD WEIGHT GALVANIZED STEEL ASTM A 53.	PVC (NON CELLULAR) ASTM D2665
VENT	ALL VENT PIPING BELOW GRADE TO BE SIZED PER PLAN STANDARD HUBLESS CAST IRON PIPING CISPI 301. ALL VENT PIPING ABOVE GRADE TO BE SIZED PER PLAN STANDARD WEIGHT GALVANIZED STEEL ASTM A 53.	PVC (ASTM D2665), ABS
WASTE	ALL WASTE PIPING 2-1/2" AND LARGER ABOVE GRADE, AND ALL UNDERGROUND PIPING TO BE SIZED PER PLAN STANDARD HUBLESS CAST IRON PIPING CISPI 301. ALL WASTE PIPING 2" AND SMALLER ABOVE GRADE TO BE SIZED PER PLAN STANDARD WEIGHT GALVANIZED STEEL ASTM A 53.	PVC (ASTM D2665), ABS

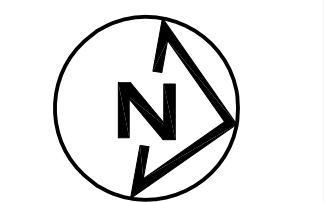
PERMIT COMMENTS

ISSUE DATE: AUGUST 17, 2022
 REVISION DATE: OCTOBER 31, 2022
 CHECKED: PKR/CWC
 DRAWN: AXH
 ISSUED FOR PERMIT/BD: 08/18/22
 PERMIT COMMENTS 1: 11/01/22



T.F., Inc.
 830 N. RIVERSIDE DRIVE
 SUITE #200
 RENTON, WA 98057
 PHONE: 425-970-3753
 FAX: 425-970-3756

HEARING CENTER REMODEL
 WAREHOUSE #781
 1130 BROADWAY
 CHULA VISTA, CA 91911

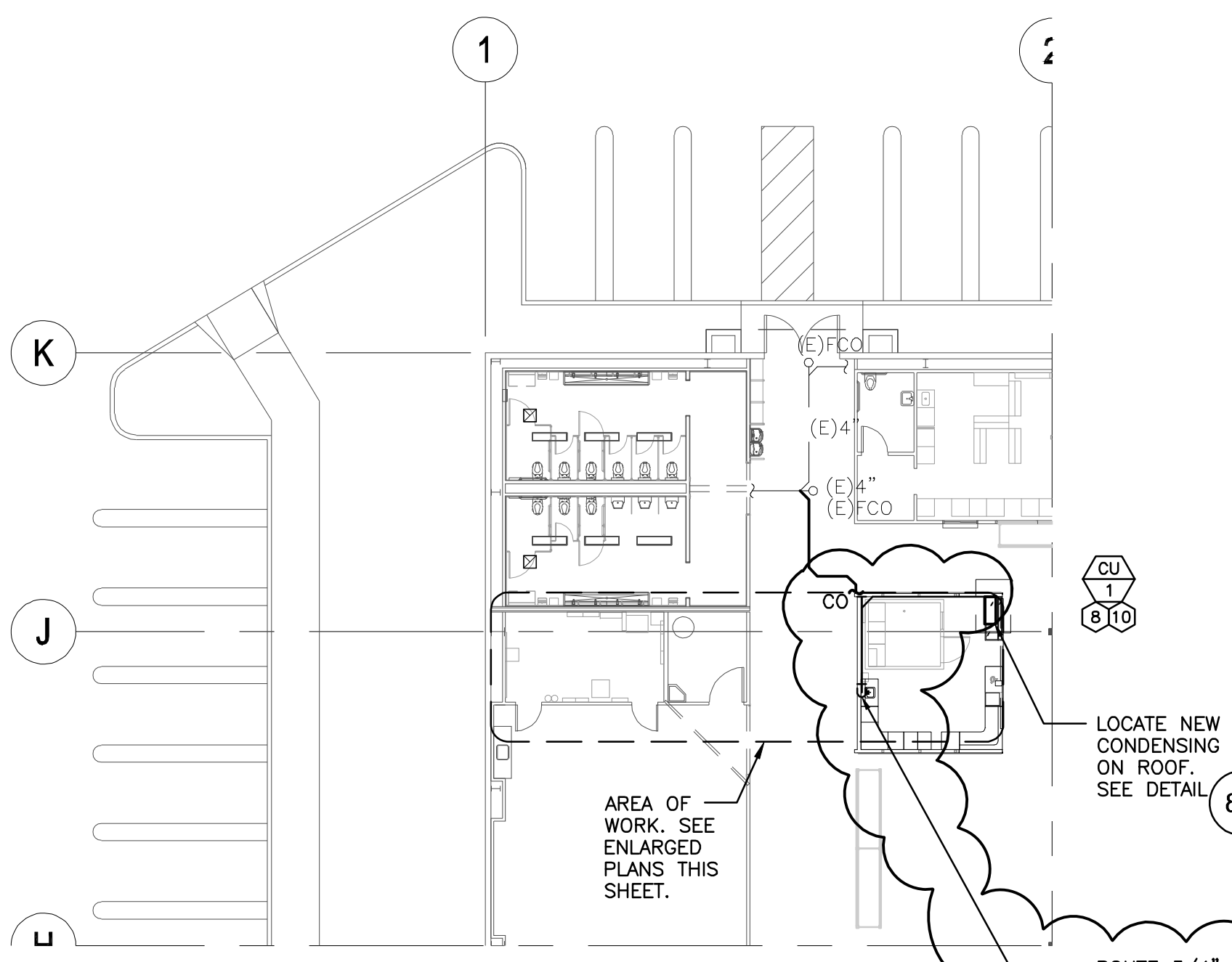


MP-1

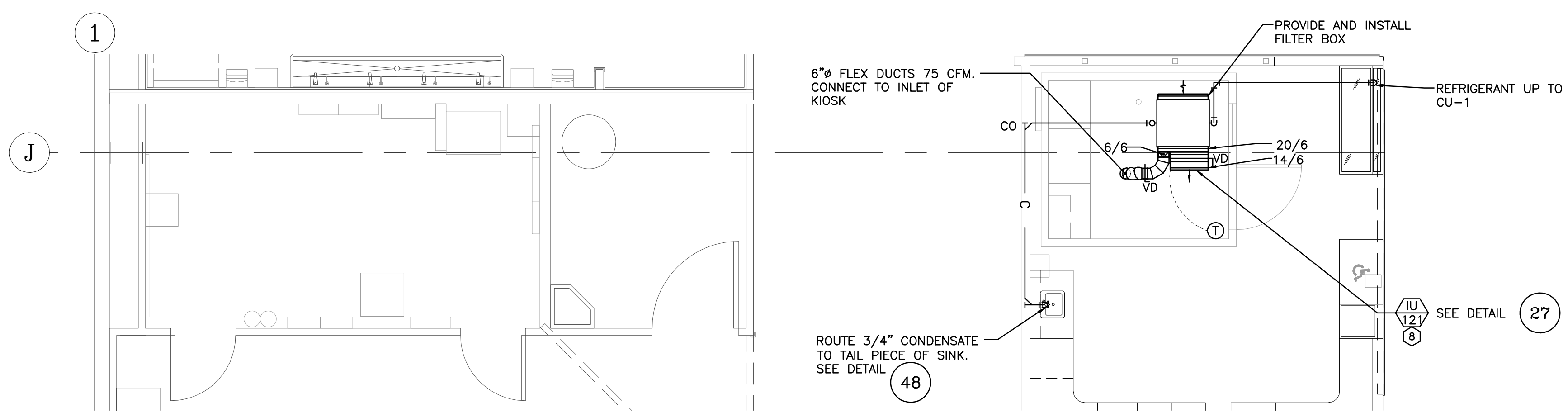
MECHANICAL AND PLUMBING PLANS, NOTES, AND LEGENDS

PROJECT NO. 22-267 © OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF T.F., INC.

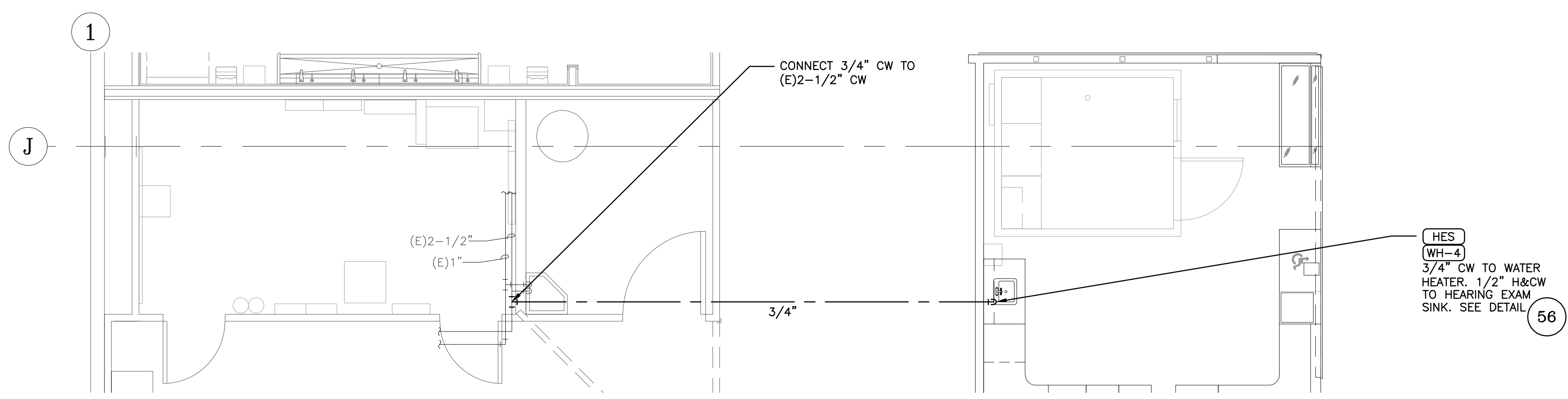
ARCHITECT REFERENCE NO. 99-8890-20



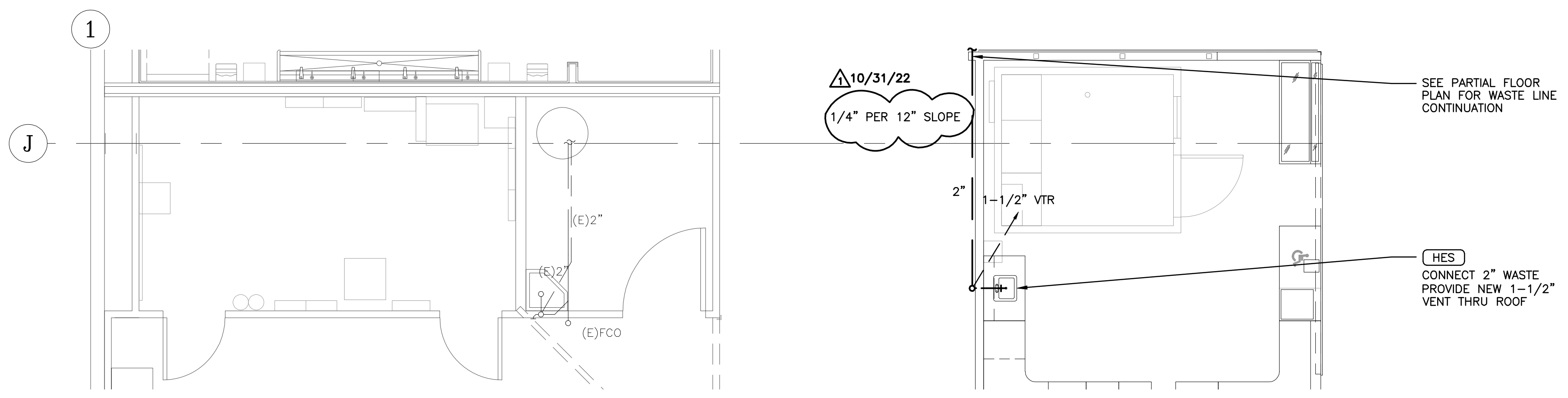
PARTIAL FLOOR PLAN
SCALE: 1/16" = 1'-0"



HEARING CENTER HVAC PLAN
SCALE: 1/4" = 1'-0"



HEARING CENTER PLUMBING PLAN
SCALE: 1/4" = 1'-0"



HEARING CENTER WASTE & VENT PLAN
SCALE: 1/4" = 1'-0"

HVAC LEGEND

- 24/48 AIR DUCT - FIRST # IS SIDE SHOWN
- FLEXIBLE DUCT CONNECTION
- TURNING VANE
- SUPPLY DUCT UP
- RETURN DUCT UP
- SUPPLY DUCT DOWN
- RETURN DUCT DOWN
- AIR VOLUME DAMPER
- CEILING DIFFUSER
- SQUARE TO ROUND DUCT TRANSITION
- CONDENSATE DRAIN
- AIR CONDITIONER #1
- THERMOSTAT
- THERMOSTAT (W/LOCKING COVER)
- SENSOR
- HUMIDISTAT
- CARBON DIOXIDE
- CONT.
- TYP.
- CFM
- DB
- RG
- CD
- RA
- SA
- CDF
- RGF
- CDPF
- RGFP
- CO
- VD
- MBS
- M.C.
- G.C.
- S.I.C.
- S.I.O.
- S.O.I.C.
- S.O.I.R.C.
- U.N.O.

PLUMBING LEGEND

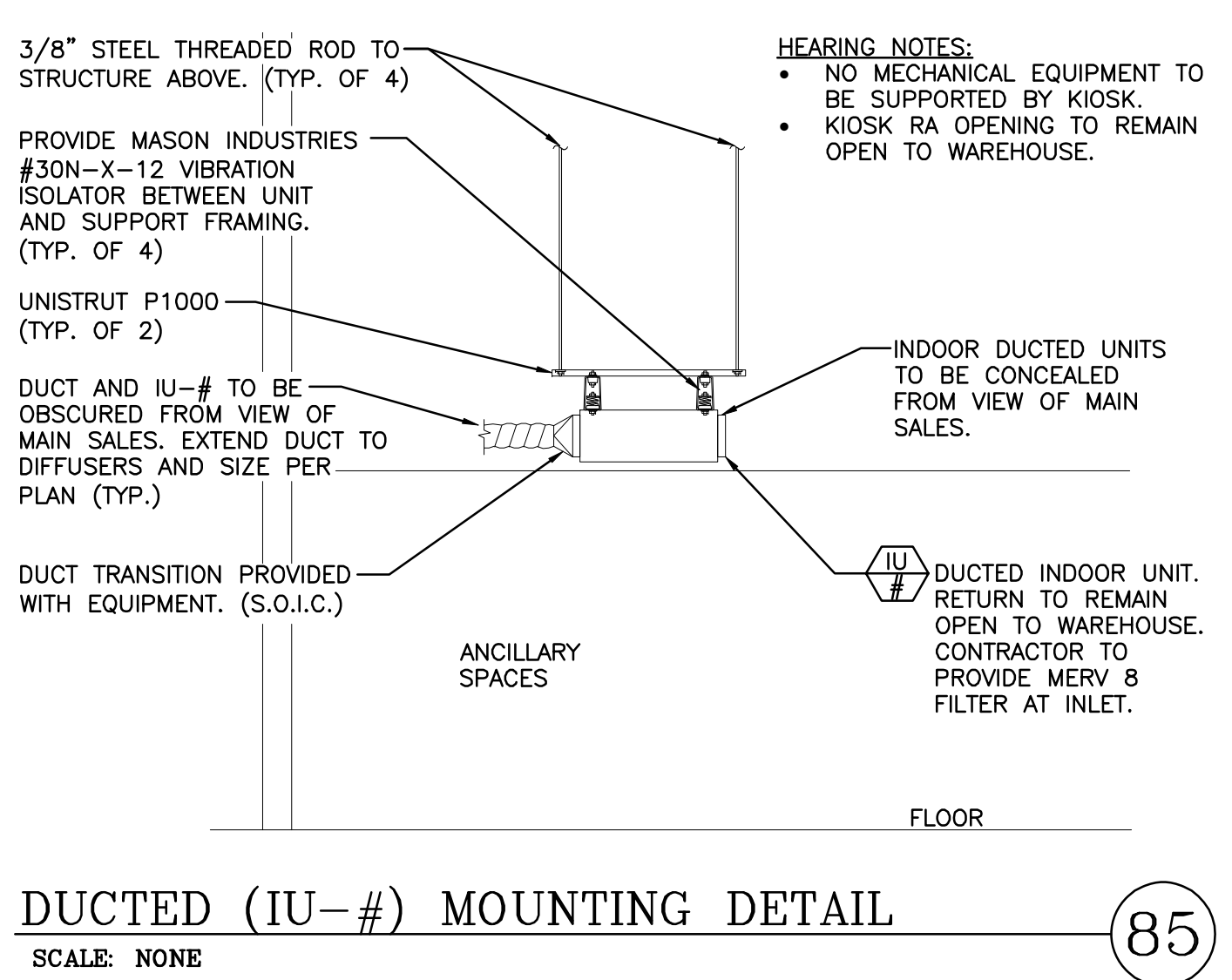
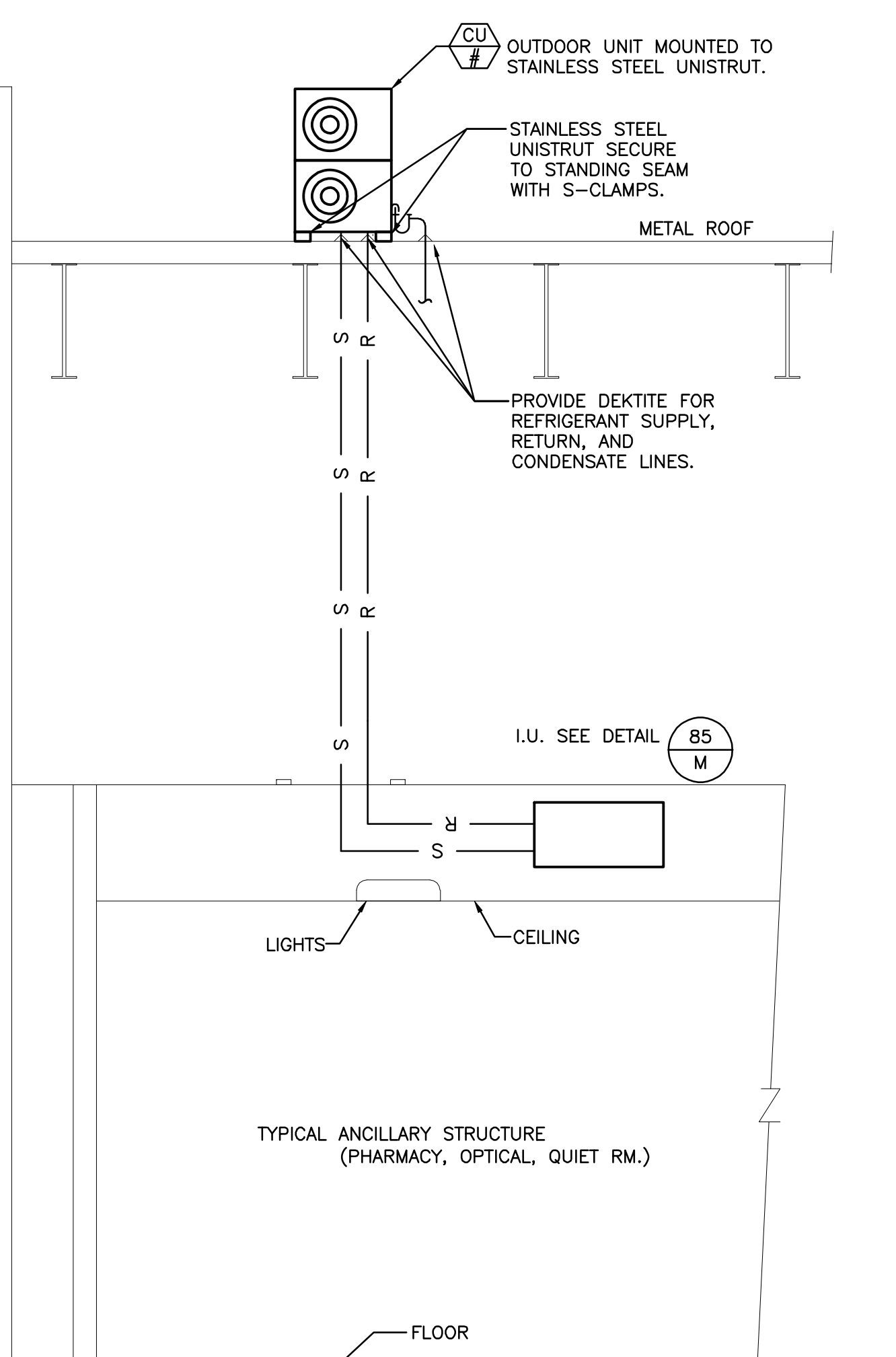
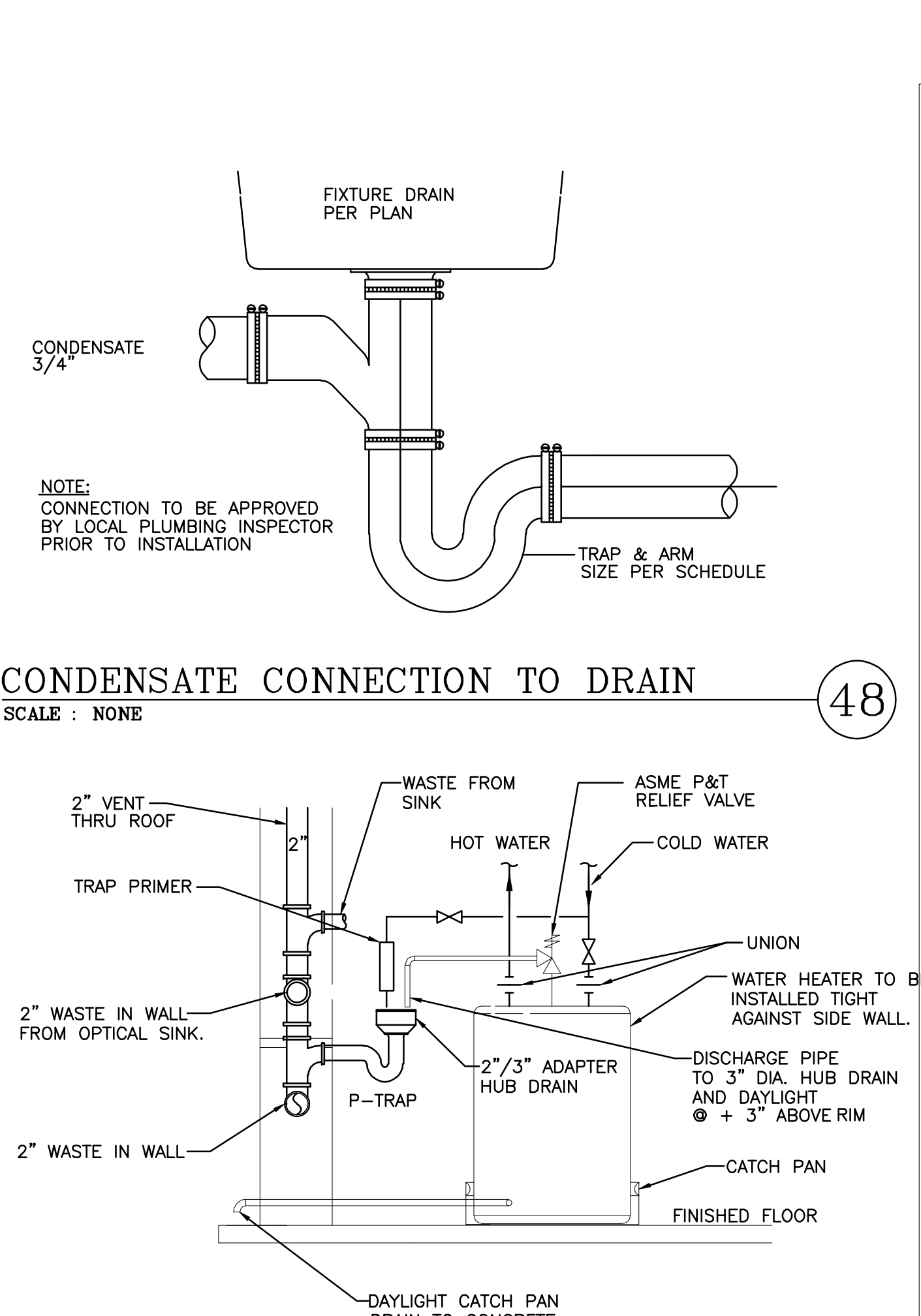
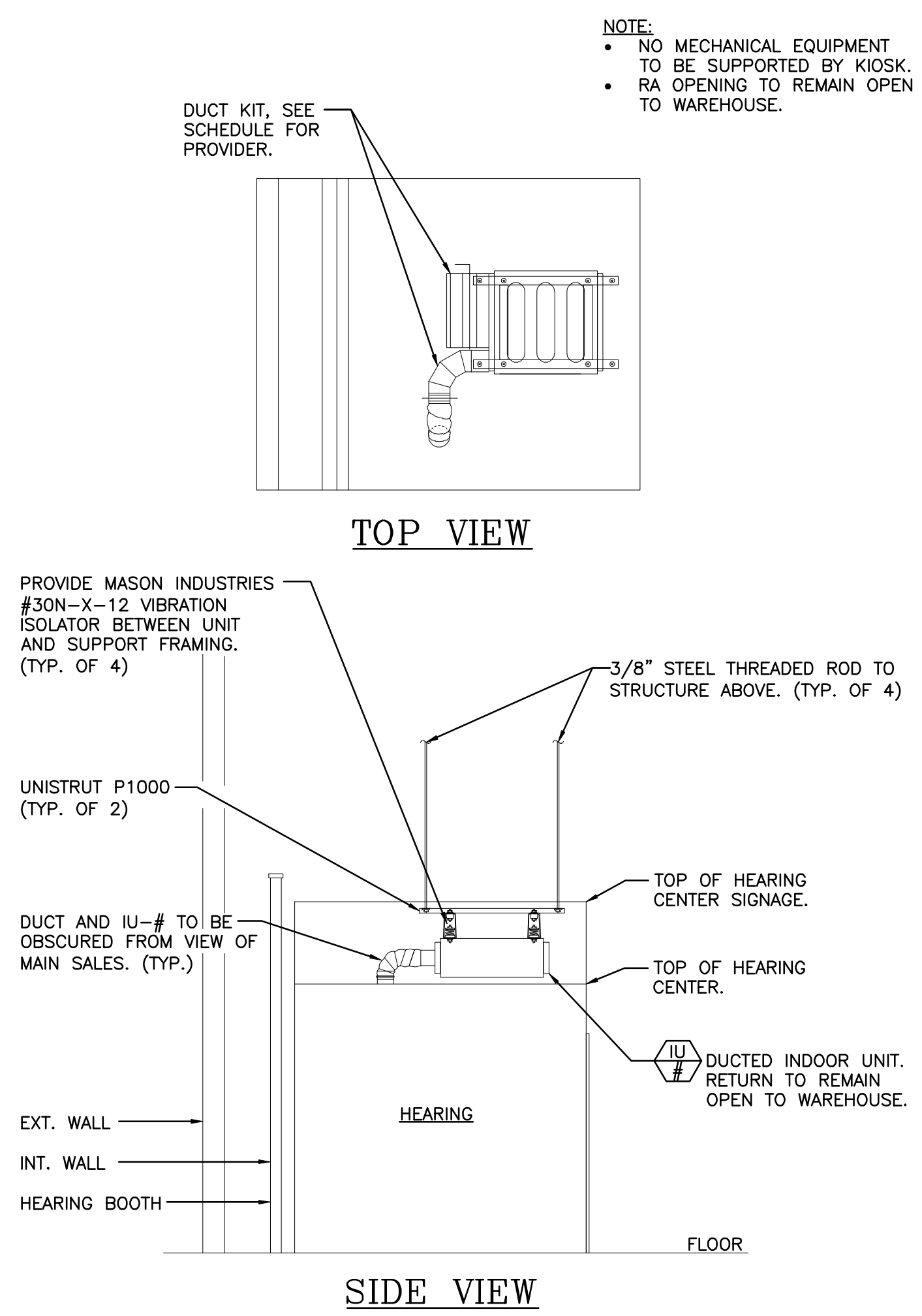
- CWV COMBINATION WASTE & VENT
- GW GREASY WASTE/SANITARY SEWER
- WASTE/SANITARY SEWER
- VENT
- COLD WATER
- HOT WATER
- HOT WATER CIRCULATION
- A AIR
- C CONDENSATE DRAIN
- G GAS
- N2 NITROGEN
- S SOFTENED COLD WATER
- H HARD COLD WATER
- SD STORM/OVERFLOW DRAIN
- SSD SIPHONIC STORM DRAIN
- RD FILTERED (RO) COLD WATER
- RD GAS COCK
- CONTROL VALVE - 2 WAY
- CONTROL VALVE - 3 WAY
- RPPB/RPZ
- STRAINER
- THERMOMETER
- UNION
- VALVE - CHECK
- VALVE - GATE
- VALVE - PRESSURE REDUCING (PRV)
- MIXING VALVE
- PRESSURE GAUGE
- AUTO AIR VENT
- CAP OFF
- A.F.F. ABOVE FINISH FLOOR
- A.H.J. AUTHORITY HAVING JURISDICTION
- B.F.F. BELOW FINISH FLOOR
- CO CLEAN OUT
- CONT. CONTINUATION
- CW COLD WATER
- CWV COMBINATION WASTE & VENT
- FCO FLOOR CLEAN OUT
- G.C. GENERAL CONTRACTOR
- G.V. GATE VALVE
- GW GREASE WASTE
- H&CW HOT & COLD WATER
- HW HOT WATER
- IN. WC INCHES OF WATER COLUMN
- MBH 1,000 BRITISH THERMAL UNITS/HR.
- M.C. MECHANICAL CONTRACTOR
- PSI POUNDS PER SQUARE INCH
- RN ROUGH INSTALLATION
- RPPB REDUCED PRESSURE PRINCIPLE
- RPZ BACKFLOW PREVENTER
- RPZ REDUCED PRESSURE ZONE ASSEMBLY
- RPZ BACKFLOW PREVENTER
- SCO SURFACE CLEAN OUT
- S.S. SANITARY SEWER
- TYP. TYPICAL
- U UNION
- VTR VENT THRU ROOF
- W WASTE
- WCO WALL CLEAN OUT
- WHA WATER HAMMER ARRESTER

PLUMBING FIXTURE SCHEDULE – SUPPLIED BY OWNER INSTALLED BY CONTRACTOR (SOIC)											
SYMBOL	DESCRIPTION	MFR./MODEL	WASTE	VENT	COLD W.	HOT W.	SPECIFICATIONS	DETAIL	SERVES	NOTES	BACKFLOW PREVENTION
HES	HEARING EXAM SINK		2"	1-1/2"	1/2"	1/2"	22 GAUGE TYPE 302 SELF RIMMING STAINLESS STEEL, LEDGE TYPE, SINGLE COMPARTMENT SINK, 12"x10"x6" DEEP WITH FAUCET LEDGE. INCLUDES CHROME FAUCET, STRAINER AND INSTALLATION HARDWARE.		HEARING EXAM		LH-BS AG
WH-4	WATER HEATER 120°F	EE MAX EMT 2.5			1/2"	1/2"	2.5 GAL., ELECTRIC WATER HEATER, 1.2KW, 120V/1Ø, 10 AMPS. 6.0 GPH @ 100" RISE.	56/P	HEARING CENTER	(3)	N/A
(3) WATER HEATERS TO HAVE RIGID CONNECTIONS & CONSTRAINTS TO RESIST SEISMIC MOTION.											
								HAZARD TYPE		BACKFLOW POTENTIAL	
								LH – LOW HAZARD		BS – BACK SIPHONAGE	
								HH – HIGH HAZARD		BP – BACK PRESSURE	
BACKFLOW PREVENTION											
RPZ – REDUCED PRESSURE PRINCIPLE BACK FLOW											
PVB – PRESSURE VACUUM BREAKER											
AG – AIR GAP											
AVB – ATMOSPHERIC VACUUM BREAKER											

HVAC EQUIPMENT SCHEDULE-S.O.I.C.									
COOLING DESIGN TEMPERATURES: 93.3°F DB, 76.9°F MCWB, 18.2°F DAILY RANGE					HEATING DESIGN TEMPERATURES: 30.4°F DB 99%, 27.4°F DB 99.6% ELEVATION: 52 FT				
SYMBOL	ITEM	SERVES	MFR./#	DESCRIPTION	ELECT.	WEIGHT	REFERENCE	REMARKS	NOTES
CU-1	AIR CONDITIONER	HEARING	LG LDN097HV4	HEAT PUMP OUTDOOR UNIT, 1/4" LIQ, 3/8" GAS, 9.00 MBH COOLING, 14.00 MBH HEAT @ 47°F.	3/4 NOM. TONS, EER = 12.7 SEER = 18.5 COP = 3.3	208V/1Ø 15A MOP 11.49 MCA	UNIT: 82#	84/M	PROVIDE Y-BRANCH KIT P/N: PML5620
IU-121	AIR CONDITIONER	HEARING	LG LDN097HV4	INDOOR (LOW STATIC) DUCTED UNIT, 1/4" LIQUID, 3/8" GAS, 9.0 MBH COOLING, 10.4 MBH HEAT	318/247/194 CFM 0.2" S.P. MAX.	POWERED BY CU-1	UNIT: 39#	85/M	O/A FROM WAREHOUSE

GENERAL NOTES

- All equipment furnished by owner. Refer to HVAC Equipment Responsibilities on sheet M-0.2 for installation.
- AC units provided with D.D.C. communications interface controlled by building management system by controls installer. sensor/t'stat S.I.O. sensors @ +72", t'stats at 48" A.F.F.
- Refrigeration contractor to install all items listed in equipment submittal per manufacturers installation and operation manual
- For LG multi-split layout, piping information and equipment submittals, contact Alex Noble at Johnson Barrow: 425.445.4935 or ALEXN@JBARROW.COM



HEARING CENTER DUCT SECTION (27)
SCALE: NONE

UNDER SINK WATER HEATER (WH-10,11) (56)
SCALE: NONE

MULTI-SPLIT ELEVATION DIAGRAM (84)
SCALE: NONE

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MECHANICAL AND PLUMBING SCHEDULES, AND DETAILS

PROJECT NO: 22-267

ISSUE DATE: AUGUST 17, 2022

REVISION DATE: OCTOBER 31, 2022

DRAWN: AXH

CHECKED: PKR/CWC

PERMIT COMMENTS

HEARING CENTER REMODEL WAREHOUSE #781 1130 BROADWAY CHULA VISTA, CA 91911

T.E., Inc. 880 N. RIVERSIDE DRIVE SUITE #200 RENTON, WA 98057 PHONE: 425-970-3763 FAX: 425-970-3766

COSTCO WHOLESALE

MP-2

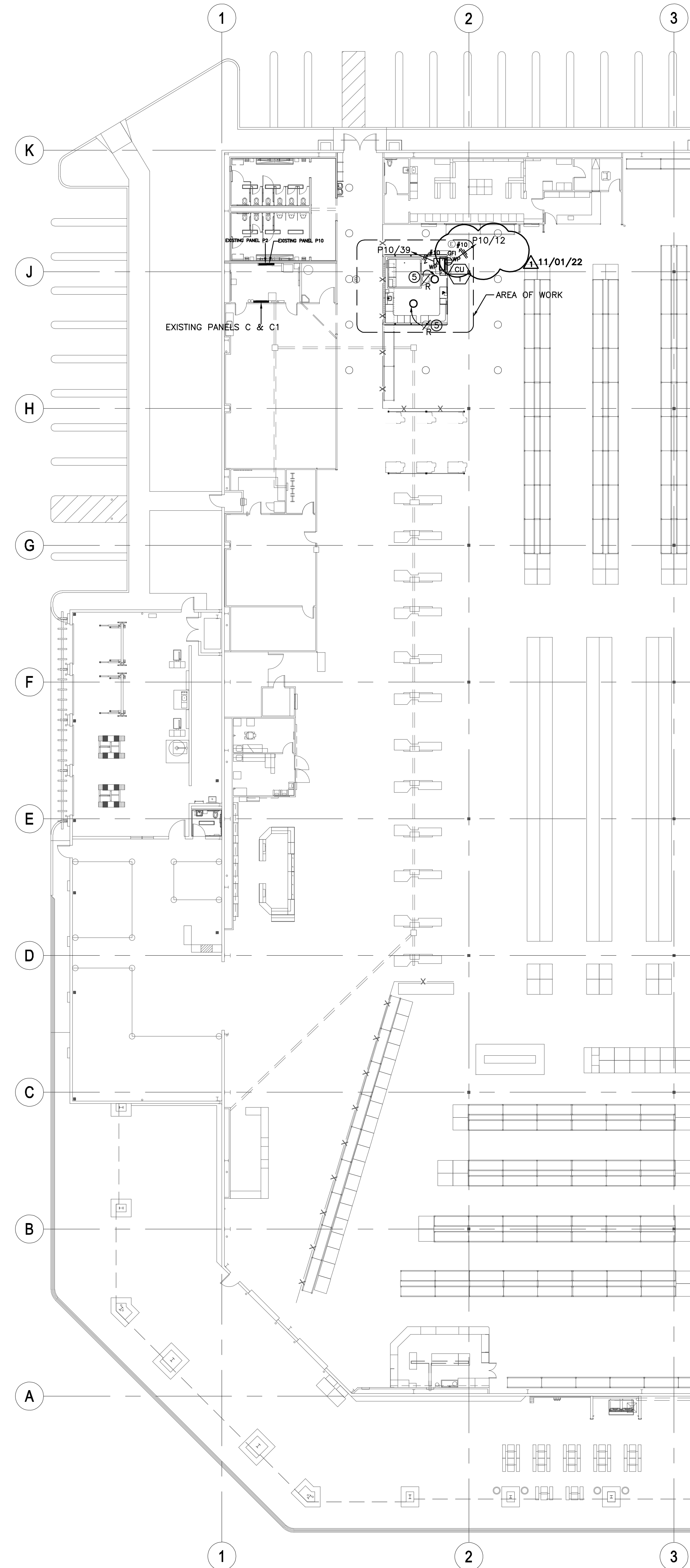
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ARCHITECT REFERENCE NO: 99-5880-20

ISSUED FOR PERMIT/BO (08/18/22)

PERMIT COMMENTS 1 (11/01/22)

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PARTIAL FLOOR PLAN
SCALE: 1/16" = 1'-0"

LEGEND

- Ⓛ DUPLEX RECEPTACLE, +18" MIN. OR AS NOTED
- Ⓜ ISOLATED GROUND DUPLEX RECEPTACLE, +18" MIN. OR AS NOTED
- Ⓜ ISOLATED GROUND FOUR-FLEX RECEPTACLE, +18" MIN. OR AS NOTED
- Ⓜ FOUR-FLEX RECEPTACLE, +18" MIN. OR AS NOTED
- Ⓜ PLUGMOLD WITH RECEPTACLES, SEE SPECS
- Ⓜ JUNCTION BOX, SIZE AND TYPE PER CODE
- Ⓜ FUSED DISCONNECT, COORDINATE W/EQUIPMENT SUPPLIER
- Ⓜ COMBINATION STARTER/DISCONNECT SWITCH
- Ⓜ NON-FUSED DISCONNECT, COORDINATE W/EQUIPMENT SUPPLIER
- Ⓜ HACR BREAKER IN NEMA ENCLOSURE, COORDINATE W/EQUIPMENT SUPPLIER
- M.S.B. MAIN SWITCHBOARD
- M.L.O. MAIN LUGS ONLY
- CU COPPER
- A.F.F. ABOVE FINISH FLOOR
- GF1 GROUND FAULT CIRCUIT INTERRUPTER + WR (WEATHER RESISTANT) OUTDOOR
- G.C. GENERAL CONTRACTOR
- E.C. ELECTRICAL CONTRACTOR
- M.C. MECHANICAL CONTRACTOR
- TYP. TYPICAL
- Ⓜ HACR BREAKER IN NEMA ENCLOSURE. COORDINATE WITH EQUIPMENT SUPPLIER.
- Ⓜ MOTOR CONNECTION AS REQUIRED
- Ⓜ TELEPHONE / DATA OUTLET WITH 3/4" CONCEALED-IN-WALL CONDUIT UP TO CEILING SPACE OR AS SHOWN. DO NOT DASY CHAIN.
- Ⓜ 2-COMPARTMENT POWER POLE, WIREMOLD 25DTP SERIES
- Ⓜ CONDUIT IN CEILING OR WALL, 1/2" MIN.
- Ⓜ CONDUIT UNDERGROUND OR FLOOR, 3/4" MIN.
- Ⓜ HOME RUN TO PANEL WITH CIRCUIT NUMBER, SLASHES INDICATE NUMBER OF CONDUCTORS
- Ⓜ INDICATES WIRES AND CONDUIT OTHER THAN #12,1/2" C - METALLIC CONDUIT, PVC - PLASTIC CONDUIT
- Ⓜ ISOLATED GROUND OR GROUND CONDUCTOR
- Ⓜ FLEXIBLE CONDUIT CONNECTION AS REQUIRED
- Ⓜ TRANSFORMER
- Ⓜ 3/4"x4"x8' PAINTED TELEPHONE BOARD
- Ⓜ BRANCH PANEL
- Ⓜ GROUNDING PER CODE OR 3/4" DIAMETER 10' LONG STAINLESS STEEL GROUND ROD
- Ⓜ WEATHER PROOF
- Ⓜ C.O. CONDUIT ONLY WITH PULL WIRES
- Ⓜ +48" INDICATES MOUNTING HEIGHT OF EQUIPMENT/OUTLET CENTER LINE ABOVE FINISH FLOOR

PLAN NOTES:

- 1 E.C. TO REMOVE EXISTING ELECTRICAL DEVICES AND ASSOCIATED CONDUITS & WIRES TO SOURCE. REFER TO DEMO AREA, SEE ARCHITECTURAL PLAN FOR EXACT LOCATION. TURN OFF BREAKER(S) AND LABEL AS 'SPARE' OR REUSE EXISTING CIRCUITS, IF APPLICABLE.
- 2 MOUNT RECEPTACLE INSIDE CABINET FOR CASH REGISTER, PROVIDE GROUND WIRES.
- 3 RECEPTACLE FOR BOOTH AND LIGHTING & OUTLETS. E.C. TO MAKE ALL FINAL CONNECTIONS.
- 4 NO CONDUIT ATTACHED TO BOOTH.
- 5 E.C. TO REMOVE AND RELOCATE EXISTING HIGHBAY LIGHT FIXTURE AS SHOWN. EXTEND FEEDER TO NEW LOCATION. DO NOT CUT FLEXIBLE WIRING SYSTEM. PROVIDE NEW FLEXIBLE WIRING AS REQUIRED. FIELD VERIFY.

CIRCUIT USE	208 / 120 VOLTS 225 A CU BUS W/100/3P MCB			3 PHASE			4 WIRE 10000 A.I.C. MIN. SQ-D NOOD		
	PHASE (KVA)	PHASE (KVA)	PHASE (KVA)	BKR. NO.	CKT. NO.	BKR. NO.	PHASE (KVA)	PHASE (KVA)	PHASE (KVA)
EXISTING									
SITE PARK LIGHTING	1.48			20/1	1	2	20/1		
SITE PARK LIGHTING		1.18		20/1	3	4	20/1		
SPARE				20/1	5	6	20/1		
SPARE				20/1	7	8	20/1	1.20	
SPARE				20/1	9	10	20/1		0.50
SPARE				20/1	11	12	20/1		0.90
SPARE				20/1	13	14	20/1	0.80	
RECEPTACLE	0.80			20/1	15	16	20/1		0.80
RECEPTACLE		0.80		20/1	17	18	20/1	0.80	
RECEPTACLE	0.80		0.80	20/1	19	20	20/1	0.18	
RECEPTACLE				20/1	21	22	20/1	0.80	
RECEPTACLE				20/1	23	24	20/1		0.80
RECEPTACLE				20/1	25	26	20/1	0.80	
RECEPTACLE				20/1	27	28	20/1	0.80	
RECEPTACLE			0.80	20/1	29	30	20/1		0.80
SPARE				20/1	31	32	20/1	0.80	
SPARE				20/1	33	34	20/1		
SPARE				20/1	35	36	30/1		1.18
SPARE				20/1	37	38	30/1	1.18	
CU-1*				15/2	39	40	20/1	0.50	
							41	42	20/1
TOTAL PHASE A (KVA)	3.08						8.04 KVA		4.96
TOTAL PHASE B (KVA)		2.78					6.18 KVA	3.40	
TOTAL PHASE C (KVA)			1.60				6.08 KVA		4.48
TOTAL CONNECTED LOAD							20.3 KVA		56 A
*NEW LOAD. PROVIDE BREAKER AS SHOWN.									

CIRCUIT USE	208 / 120 VOLTS 100 A CU BUS W/100/3P MCB			3 PHASE			5 WIRE 10000 A.I.C. MIN. SQ-D NOOD		
	PHASE (KVA)	PHASE (KVA)	PHASE (KVA)	BKR. NO.	CKT. NO.	BKR. NO.	PHASE (KVA)	PHASE (KVA)	PHASE (KVA)
EXISTING									
MEMBERSHIP COUNTER	0.36			20/1	1	2	20/1	0.36	
MEMBERSHIP COUNTER		0.36		20/1	3	4	20/1		0.36
MEMBERSHIP COUNTER			0.36	20/1	5	6	20/1		0.18
SPARE				20/1	7	8	20/1	0.72	
RECEIVING COUNTER	1.08			15/1	9	10	20/1		
RTV RECEPTACLE				15/1	11	12	20/1		
FOOD SERVICE CASH REG	0.50			15/1	13	14	15/1	0.50	
FOOD SERVICE CASH REG		0.50		15/1	15	16	15/1		0.20
FOOD SERVICE CASH REG			0.50	15/1	17	18	15/1		0.20
FOOD SERVICE CASH REG	0.50			15/1	19	20	20/1	0.36	
SPARE				20/1	21	22	20/1	0.36	
RECEPT - TIRE CENTER			0.36	15/1	23	24	15/1		
RECEPT - PHARMACY				15/1	25	26	15/1		
ATM MACHINE		0.50		20/1	27	28	20/1	0.50	
RECEPT - PHARMACY			0.36	20/1	29	30	20/1	0.50	
RECEPT - PHARMACY	0.72			20/1	31	32	100/2	5.00	
SPARE				15/1	33	34		5.00	
SPARE				15/1	35	36	20/1		0.54
SPARE				20/1	37	38	20/1		
SURGE PROTECTOR	0.10	0.10		20/3	39	40	15/1	0.50	
			0.10				41	42	15/1
TOTAL PHASE A (KVA)	2.18						9.12 KVA	6.94	
TOTAL PHASE B (KVA)		2.54					9.46 KVA		6.92
TOTAL PHASE C (KVA)			2.40				4.32 KVA		1.92
TOTAL CONNECTED LOAD							22.9 KVA		63 A
*NEW LOAD. PROVIDE BREAKER AS SHOWN.									

ELECTRICAL DEMOLITION & REMODEL GENERAL NOTES

ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DEMOLITION AND PHASING PLANS FOR THE SCOPE OF CORRESPONDING ELECTRICAL DEMOLITION WORK.

FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID.

REMOVAL OF EXISTING ITEMS SHALL INCLUDE DISCONNECTING AND REMOVING OF THE EXISTING CONDUITS AND WIRING BACK TO THE NEXT ACTIVE OUTLET OR SOURCE. PROVIDE MATCHING BLANK COVER PLATE AS REQUIRED.

REMOVE OR ABANDON ALL UNUSED UNDERGROUND, UNDER FLOOR RACEWAYS. REMOVE WIRES.

REMOVE ALL UNUSED SURFACE RACEWAYS.

RELOCATE EXISTING ITEMS SHALL INCLUDE DISCONNECTING AND EXTENDING EXISTING CONDUITS AND WIRING TO NEW LOCATION, PROVIDE NEW CONNECTION AS REQUIRED.

PROVIDE CUTTING, PATCHING FOR ALL RELATED ELECTRICAL WORK AS REQUIRED.

INFORMATION ON THE EXISTING INSTALLATION HAS BEEN OBTAINED FROM THE BEST SOURCE AVAILABLE BUT CANNOT BE GUARANTEED ACCURATE IN ALL RESPECTS. PRIOR TO BID, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE. VERIFY ALL SUCH INFORMATION AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.

ALL WORKS SHALL BE PERFORMED TO CHANGE THE EXISTING ELECTRICAL INSTALLATION AS SHOWN. INCLUDE AS PART OF THE CONTRACT ALL RELATED WORKS REQUIRED TO OBTAIN THE INDICATED RESULTS.

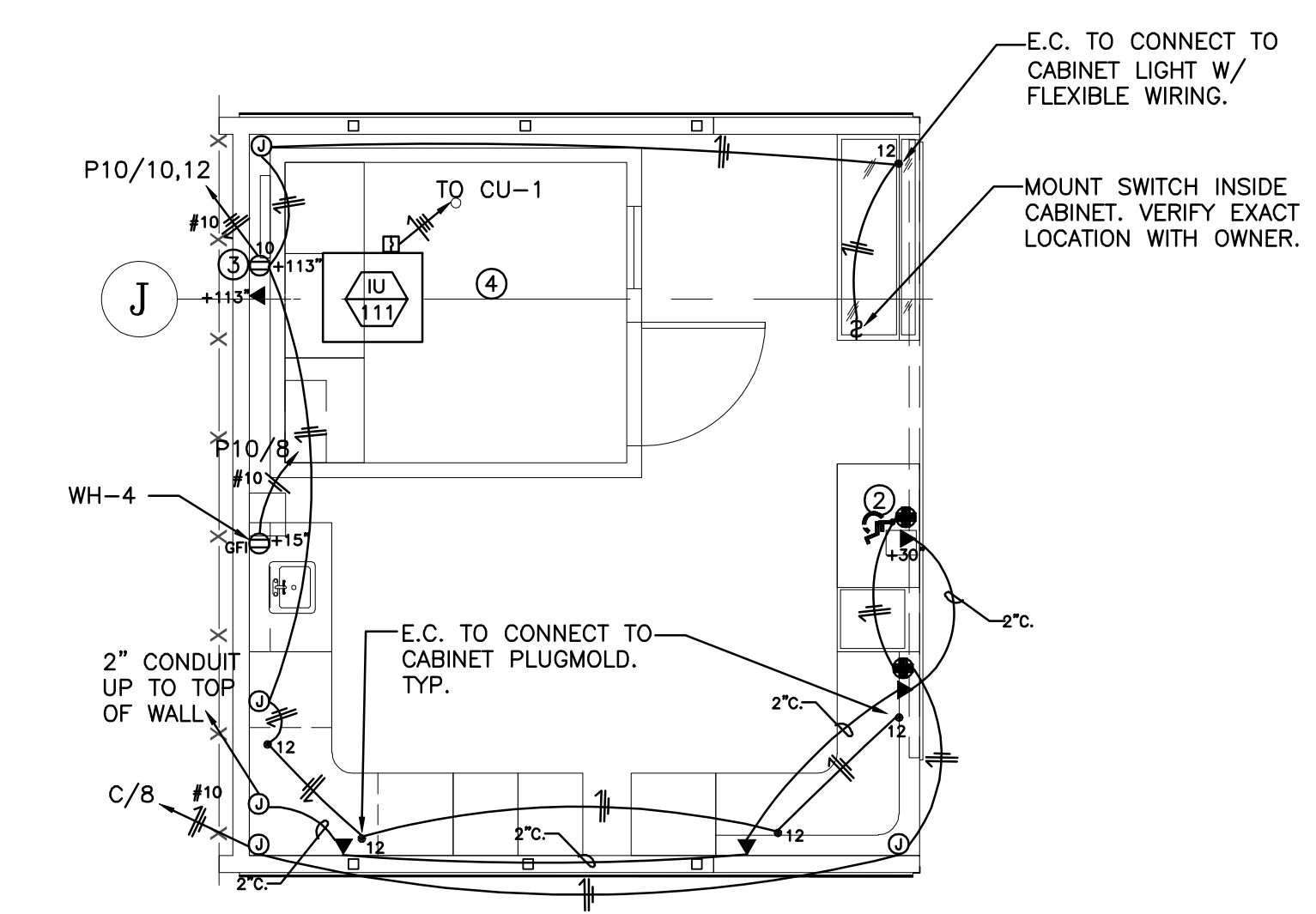
ALL EXISTING WIRING, CONDUITS, JUNCTION BOXES AND ALL OTHER ELECTRICAL EQUIPMENT AND DEVICES IN THE AREAS AFFECTED BY THE REMODEL SHALL BE REMOVED AND RELOCATED AS REQUIRED. EXTEND ALL CONDUITS AND WIRING.

ALL WORKS ARE TO BE DONE SO AS NOT TO INTERFERE WITH THE WAREHOUSE'S NORMAL OPERATION. ALL WORKS ARE TO BE COORDINATED AND SCHEDULED AS APPROVED BY THE WAREHOUSE MANAGER FOR ELECTRICAL SHUTDOWN, CONTINUITY OF SERVICE, ETC.

COORDINATE AND SCHEDULE WITH OWNER FOR ANY EXISTING ELECTRICAL SERVICE SHUTDOWN. PROVIDE TEMPORARY POWER TO MAINTAIN EXISTING ELECTRICAL SYSTEM FOR WAREHOUSE'S NORMAL OPERATION AS REQUIRED. TEMPORARY POWER SOURCES INCLUDE GENERATOR SET, POWER COMPANY'S TEMPORARY SERVICE HOOKUP, ETC.

PROVIDE METAL SHEET PAN UNDER ALL FREE STANDING ELECTRICAL PANEL.

E.C. TO PROVIDE NEW TYPED INDEX FOR EXISTING PANELS AFFECTED BY THIS REMODEL. TURN 'OFF' ALL SPARE BREAKERS AND PROVIDE 'SPARE' LABEL.



HEARING CENTER - POWER PLAN
SCALE: 1/4" = 1'-0"

PERMIT COMMENTS

08/18/22 ISSUED FOR PERMIT/BID

11/01/22 PERMIT COMMENTS 1