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1130 BROADWAY AVE., CHULA VISTA, CA 91911

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

PROJECT DIRECTORY

OWNER: COSTCO WHOLESALE 999 LAKE DRIVE ISSAQUAH, WA 98027 T: 425.313.8100
ARCHITECT: MG2 CORPORATION 3333 MICHELSON DR. SUITE 100 IRVINE, CA 92612 T: 949.705.0773
STRUCTURAL ENGINEER: ENGINEERS NORTHWEST 9725 THIRD AVE. N.E. SUITE 207 SEATTLE, WA 98115
MECHANICAL AND PLUMBING ENGINEER: T.E., INC. 830 N RIVERSIDE DRIVE SUITE 209 RENTON, WA 98055
ELECTRICAL ENGINEER: T.E., INC. 830 N RIVERSIDE DRIVE SUITE 209 RENTON, WA 98055

DRAWING INDEX

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

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 WORKSHEETS 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...

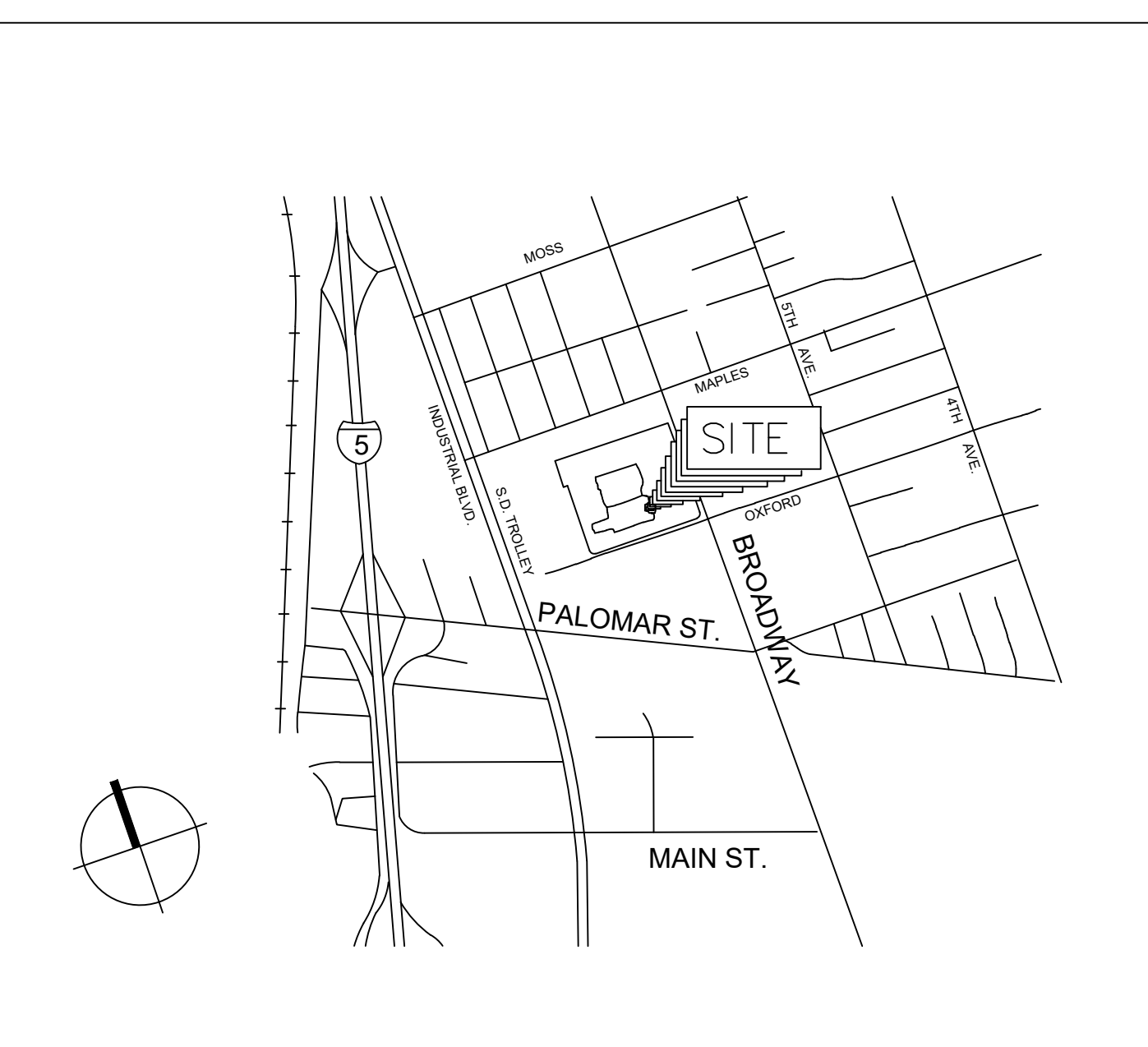
DEFERRED SUBMITTAL

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 DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE BUILDING OFFICIAL HAS APPROVED THE SUBMITTAL DOCUMENTS.
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.

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

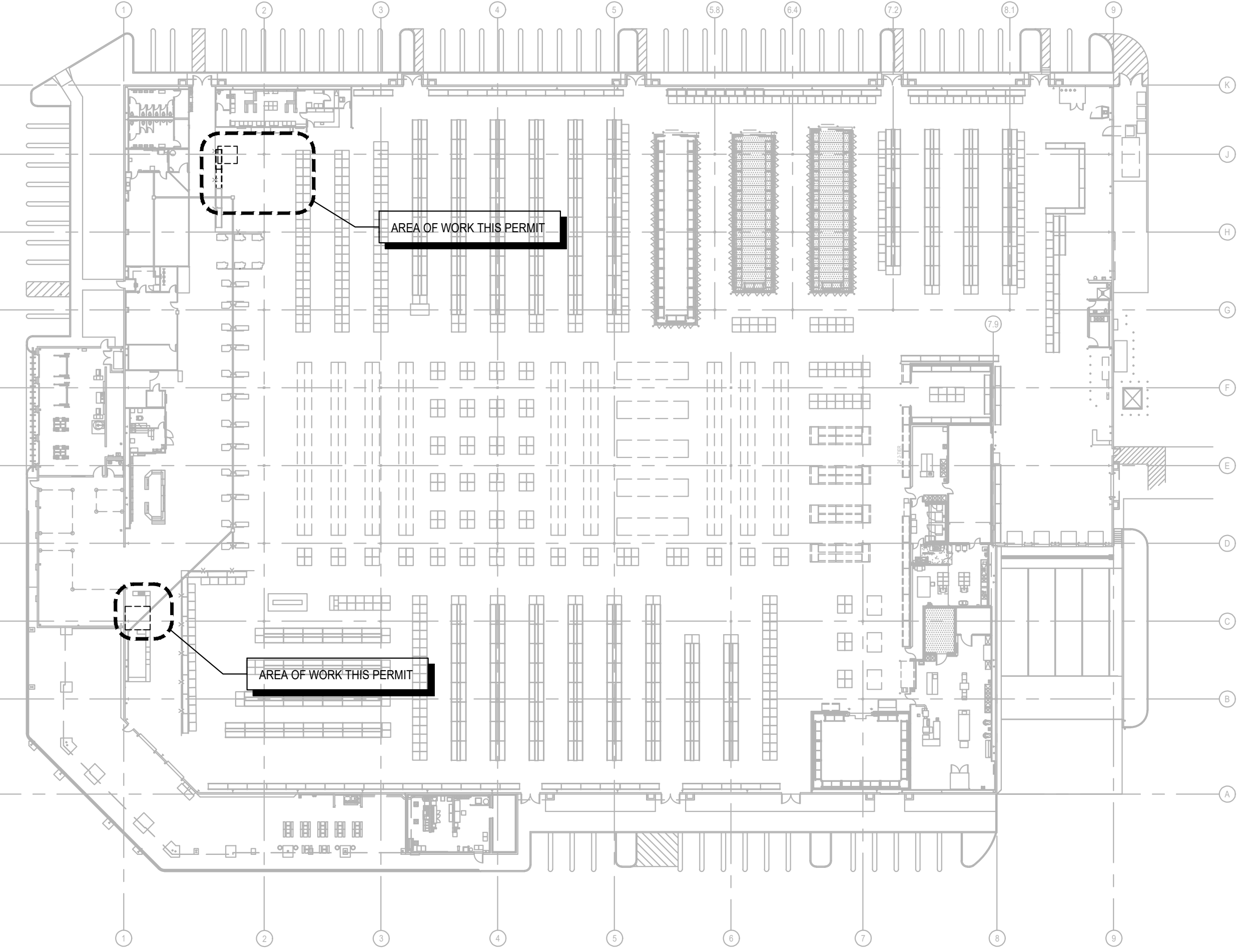
- 1. A FIRE LIFE SAFETY INSPECTION IS REQUIRED PRIOR TO CONSTRUCTION FINAL. REQUEST INSPECTION 48-HOURS IN ADVANCE AT OXNARD ORG/FIRE-PREVENTION.
2. A FIVE-YEAR CERTIFICATE INSPECTION REPORT OF THE FIRE SPRINKLER SYSTEM, BY A LICENSED C16 FIRE PROTECTION CONTRACTOR, MUST BE PROVIDED TO THE FIRE DEPARTMENT 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 (3/16), WALL SECTION (20), INTERIOR ELEVATION (4500), WALL TYPES (3.5\"/>

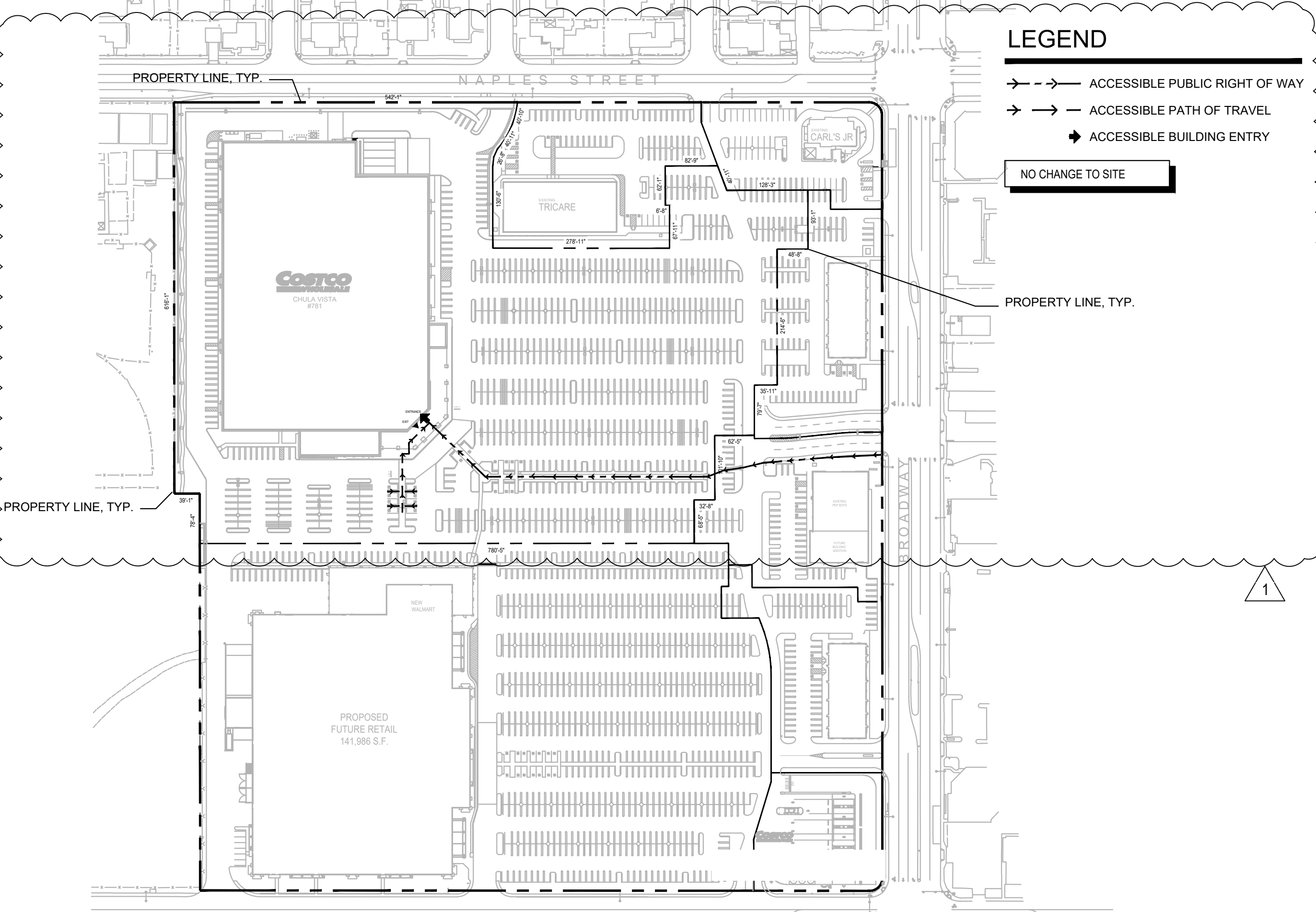
ARCHITECTURAL ABBREVIATIONS

Table with 3 columns: Abbreviation, Description, and Standard. Includes AFF ABOVE FINISHED FLOOR (SLAB), BOT BOTTOM, CL CENTER LINE, CLR CLEAR, CLG CEILING, CMU CONCRETE MASONRY UNIT, COL COLUMN, CONC CONCRETE, EA EACH, ELEV ELEVATION, EQ EQUAL, EXT EXTERIOR, FF FACTORY FINISH, FRP FIBER REINFORCED PLASTIC PANEL(S), FR1 FIRE RETARDANT TREATED FINISH TO FINISH FACE, GC GENERAL CONTRACTOR, GWB GYPSUM WALLBOARD, GYPSUM HORIZONTAL, HVAC HEATING, VENTILATION, AND AIR CONDITIONING, IBC INTERNATIONAL BUILDING CODE, NTS NOT TO SCALE, OC ON CENTER, O TO O OUT TO OUT, PERRP PERPENDICULAR, PLYWD PLYWOOD, R RADIUS, RCP REFLECTED CEILING PLAN, RD ROOF DRAIN, RL RAIN LEADER, REFRIG REFRIGERATION, SIO SUPPLIED AND INSTALLED BY OWNER, SIV SUPPLIED BY OWNER INSTALLED BY CONTRACTOR, SOV SUPPLIED BY OWNER INSTALLED BY VENDOR, SQ SQUARE, SS SERVICE SINK, SANITARY SEWER, SST STAINLESS STEEL



EXISTING FLOOR PLAN

SCALE: NOT TO SCALE



EXISTING SITE PLAN

SCALE: NOT TO SCALE

LEGEND

- ACCESSIBLE PUBLIC RIGHT OF WAY
ACCESSIBLE PATH OF TRAVEL
ACCESSIBLE BUILDING ENTRY
NO CHANGE TO SITE

KEY PLAN

NATHAN D. MENARD, ARCHITECT



02/28/2023

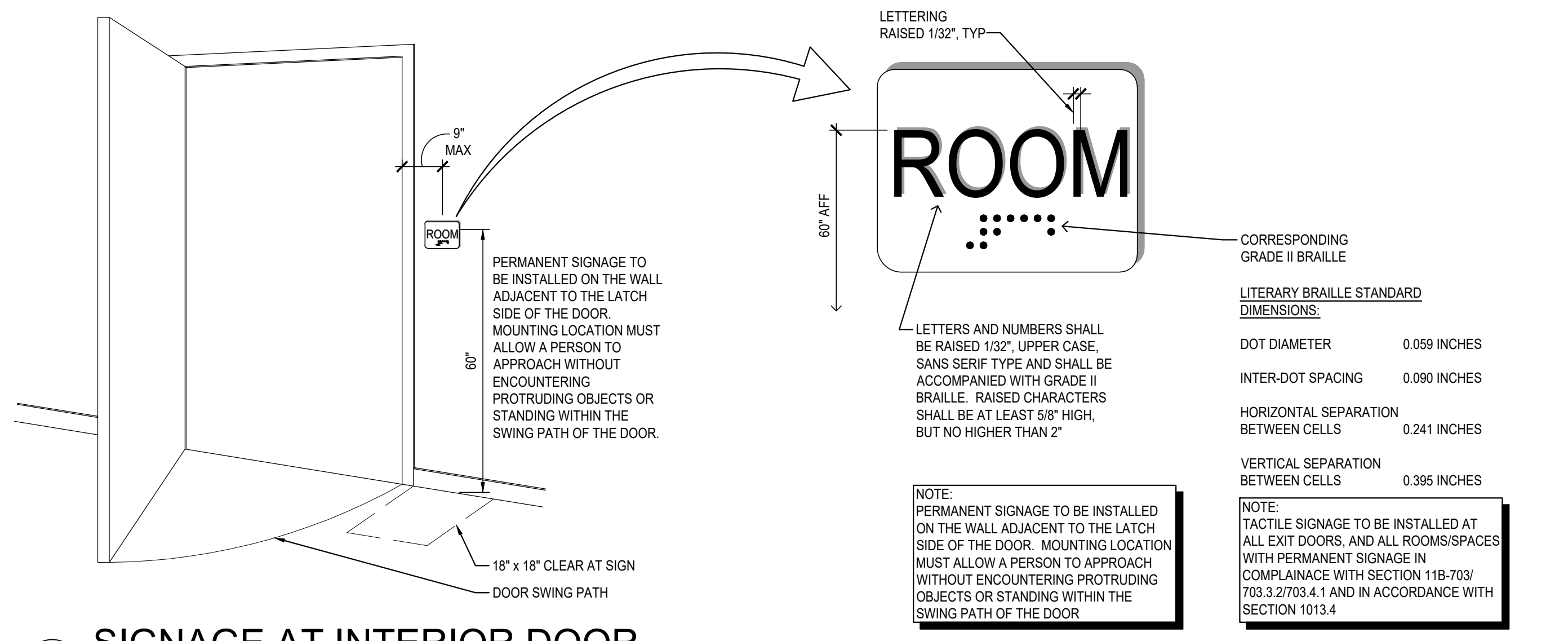
Table with 2 columns: DATE and DESCRIPTION. Includes 08/01/22 PERMIT ISSUE, 09/30/22 PLAN CHECK COMMENT #1, 12/19/22 PLAN CHECK COMMENT #2, 01/23/23 PLAN CHECK COMMENT #3

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

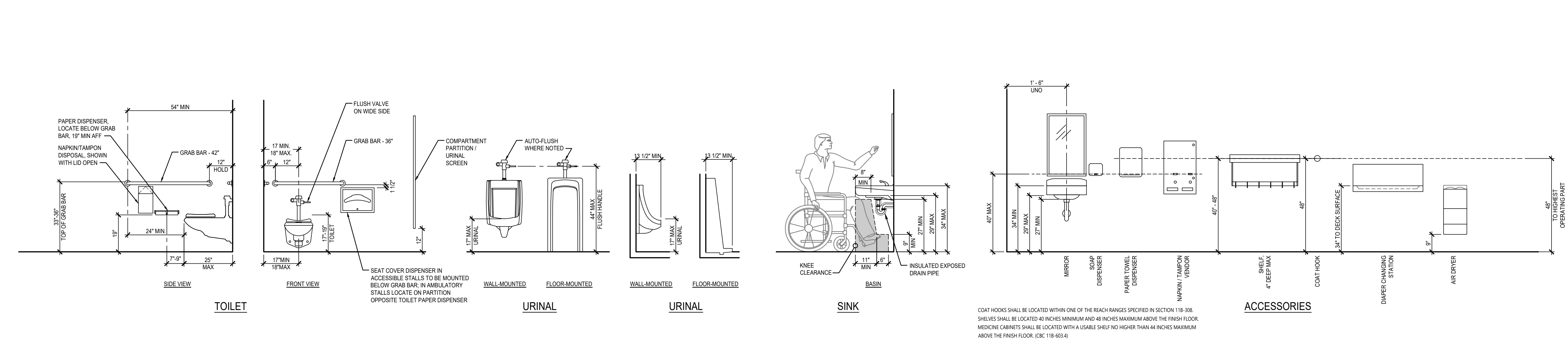
TITLE SHEET

TS101

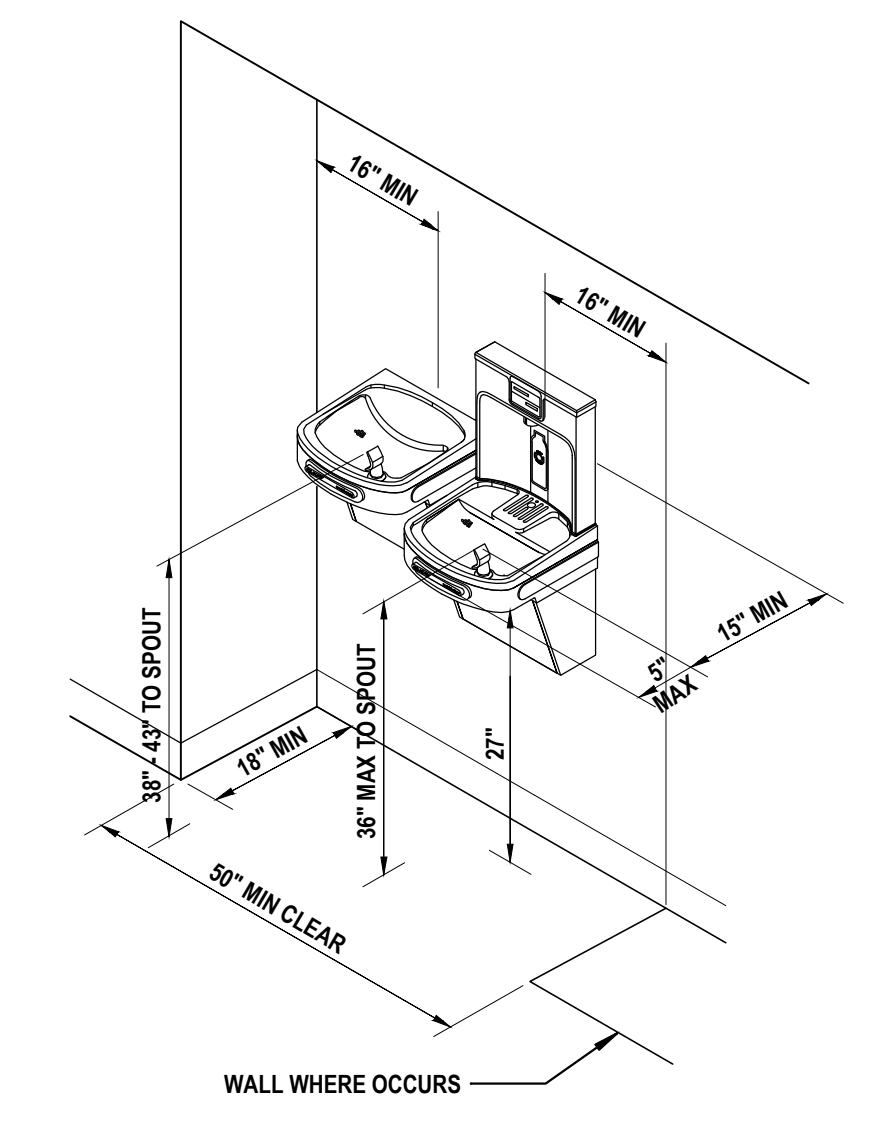
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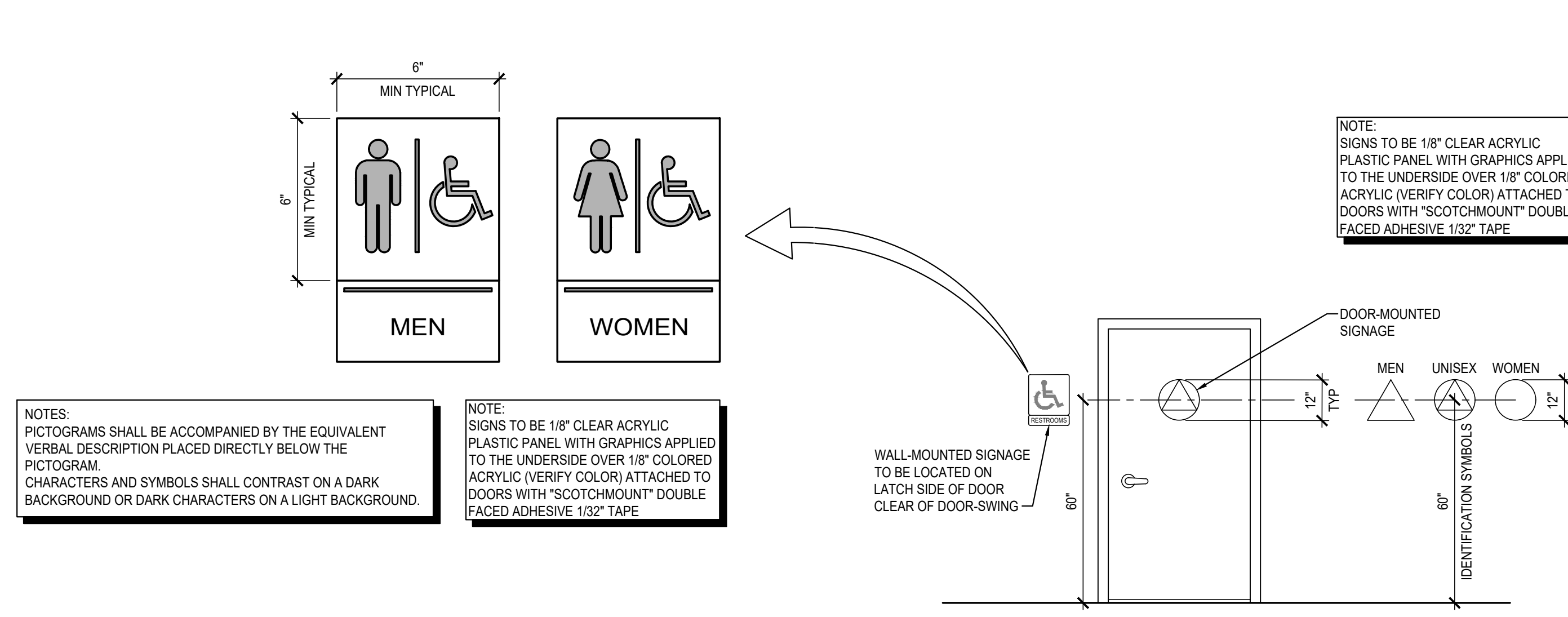
**5 SIGNAGE AT INTERIOR DOOR**  
 SCALE: NOT TO SCALE 0816



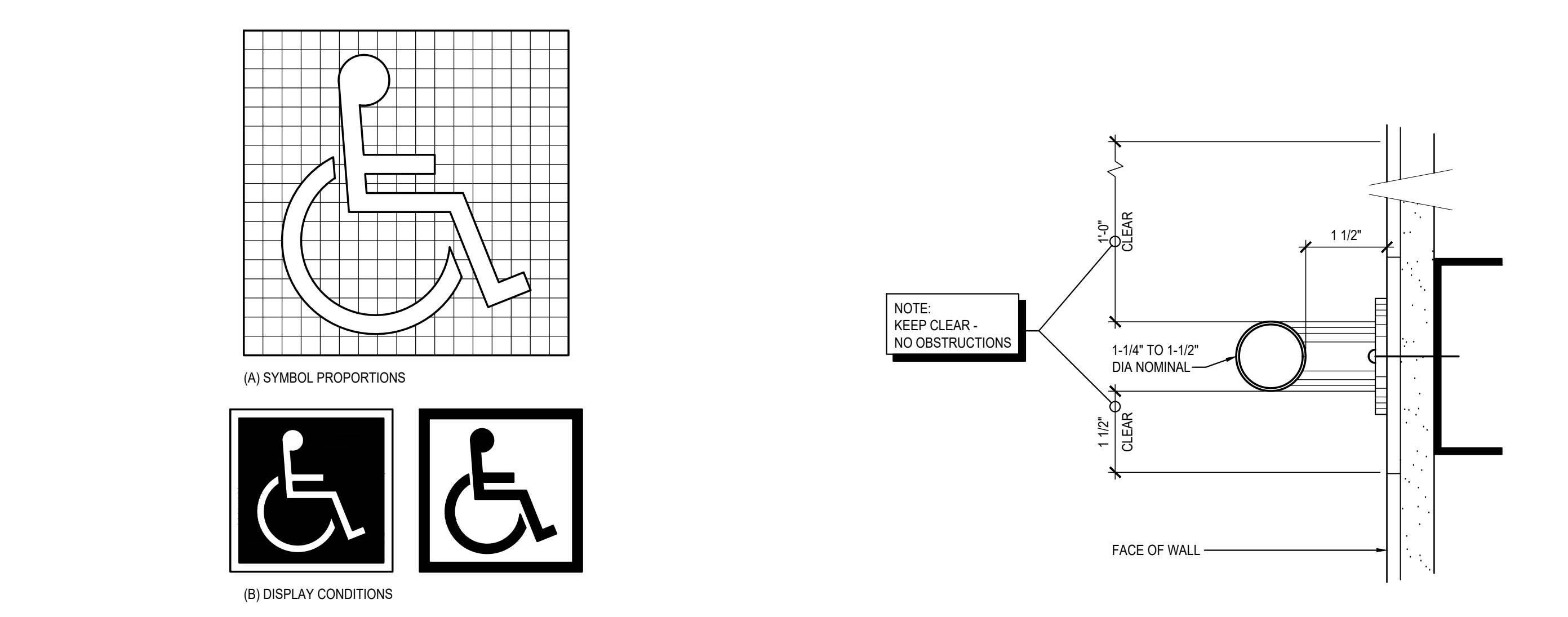
**6 TYPICAL ACCESSIBLE MOUNTING HEIGHTS AND CLEARANCES**  
 SCALE: NOT TO SCALE 0116



**7 TYPICAL DRINKING FOUNTAIN CLEARANCES**  
 SCALE: 1/2" = 1'-0"



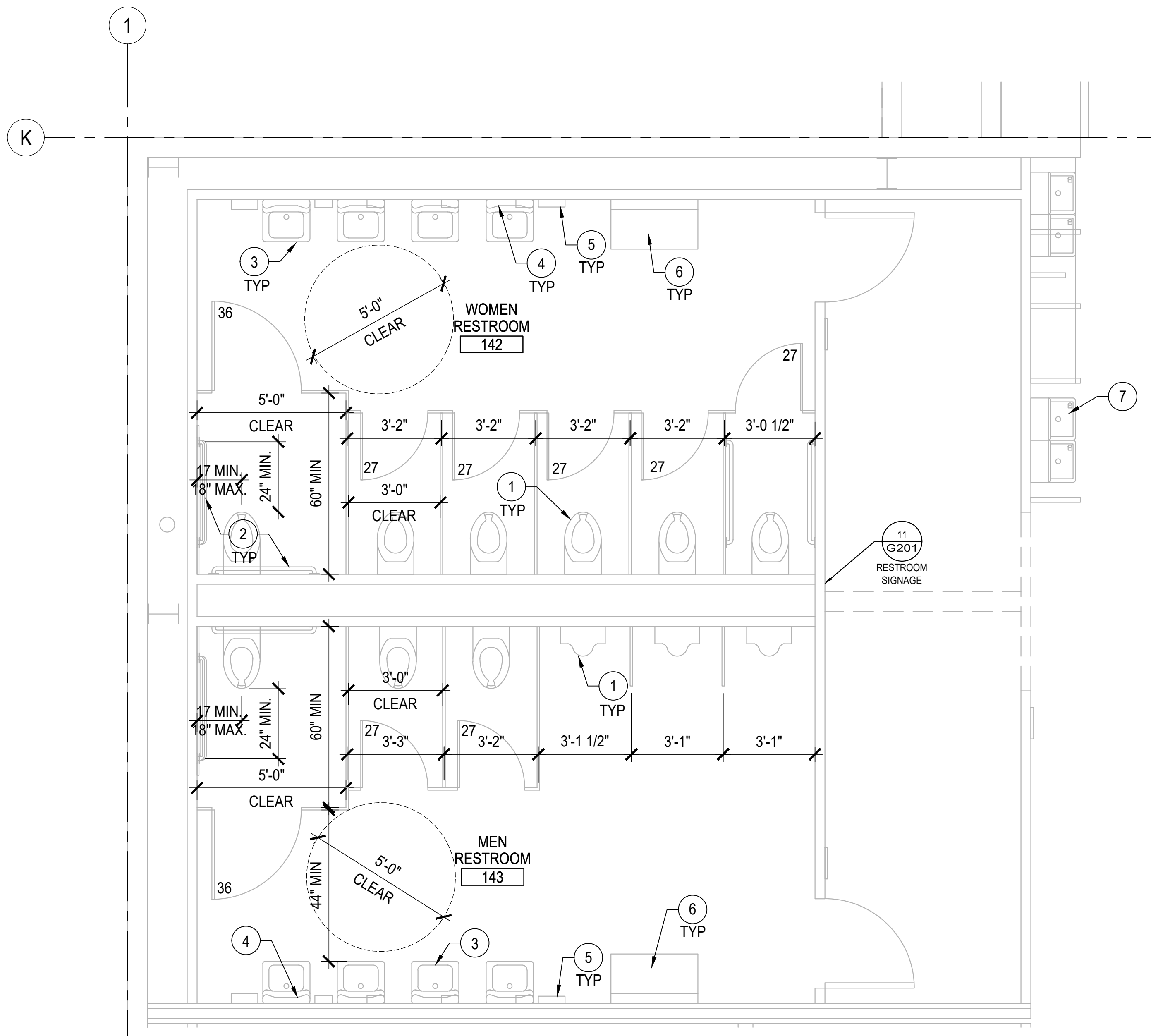
**11 INTERNATIONAL SYMBOL OF ACCESSIBILITY**  
 SCALE: 3" = 1'-0" 1012



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

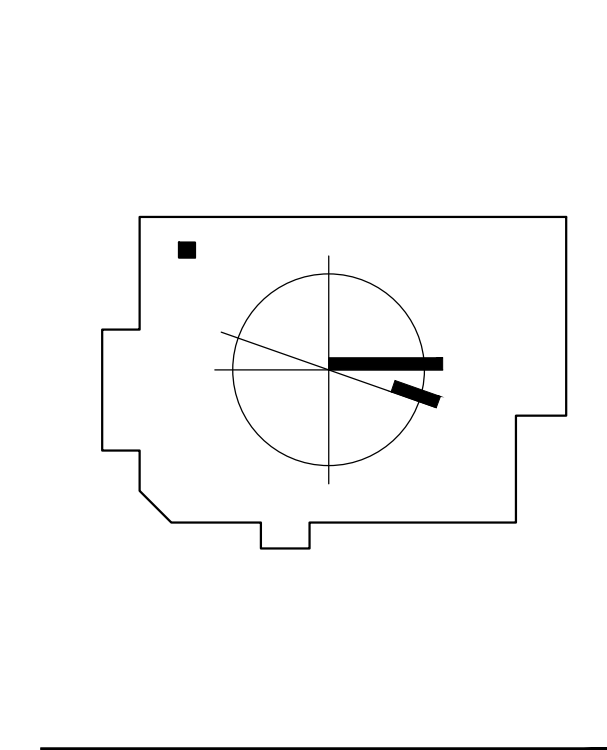
FLOOR PLAN KEYNOTES	
1	PLUMBING FIXTURES
2	TOILET ACCESSORIES - GRAB BARS
3	SINK, FAUCETS, SOAP DISPENSERS
4	MIRRORS
5	AIR DRYER (SOIC)
6	BABY CHANGING TABLE
7	DRINKING FOUNTAIN

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

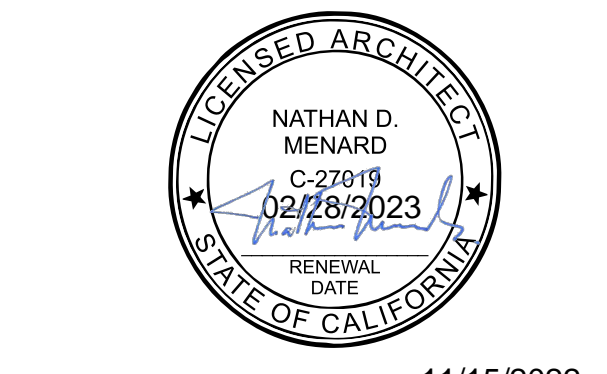


**19 EXISTING RESTROOM**  
 SCALE: 3/8" = 1'-0"

**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

**EXISTING RESTROOM ACCESSIBILITY FEATURES G202**



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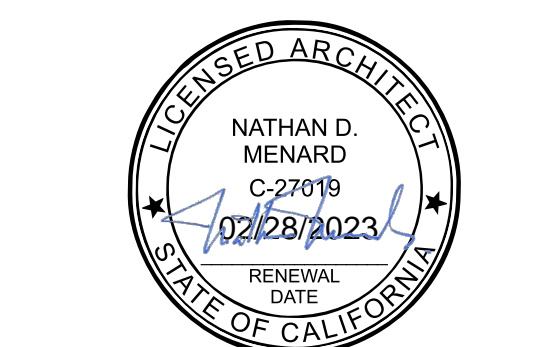
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KEY PLAN

NATHAN D. MENARD, ARCHITECT



11/15/2022

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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

G203

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



Table with 2 columns: Y, N/A, RESPON. PARTY. Contains text for CHAPTER 3 GREEN BUILDING, SECTION 301.1 SCOPE, 301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS, and ABBREVIATION DEFINITIONS.

Table with 2 columns: Y, N/A, RESPON. PARTY. Contains text for 5.106.2 STORMWATER POLLUTION PREVENTION, 5.106.4 BICYCLE PARKING, 5.106.8 LIGHT POLLUTION REDUCTION, and 5.106.10 GRADING AND PAVING.

Table with 2 columns: Y, N/A, RESPON. PARTY. Contains TABLE 5.106.5.3.3 TOTAL NUMBER OF PARKING SPACES, TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS, and TABLE 5.106.5.2 - PARKING.

Table with 2 columns: Y, N/A, RESPON. PARTY. Contains 5.106.12 SHADE TREES, 5.106.12.1 Surface parking areas, 5.106.12.2 Landscape areas, DIVISION 5.2 ENERGY EFFICIENCY, DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION, and 5.303.1.1 Buildings in excess of 50,000 square feet.

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.





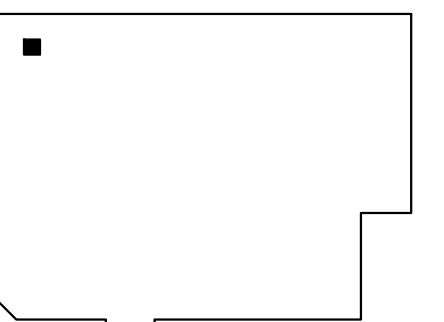
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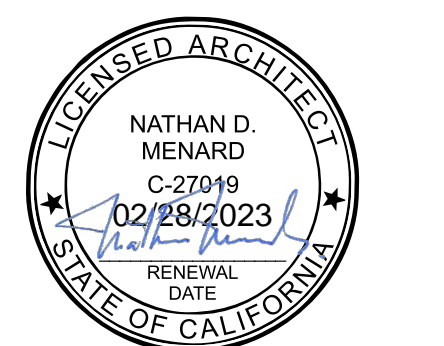


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KEY PLAN



NATHAN D. MENARD, ARCHITECT



11/15/2022

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

703 VERIFICATIONS
703.1 DOCUMENTATION. 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.

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)



Y N/A RESPON PARTY

5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:
1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCQADM Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.
2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT 1,2

Table with 2 columns: ARCHITECTURAL APPLICATIONS, CURRENT VOC LIMIT. Lists various adhesive types and their VOC limits, such as INDOOR CARPET ADHESIVES (50), CARPET PAD ADHESIVES (50), etc.

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, www.arb.ca.gov/DRDB/SC/CURH/TMLR1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT

Table with 2 columns: SEALANTS, CURRENT VOC LIMIT. Lists sealant types and their VOC limits, such as ARCHITECTURAL (250), MARINE DECK (760), NONMEMBRANE ROOF (300), etc.

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PVMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

TABLE 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS 1,2

Table with 3 columns: COATING CATEGORY, CURRENT VOC LIMIT, and a column for VOC content limits. Lists various coating types and their VOC limits, such as FLAT COATINGS (50), NONFLAT COATINGS (100), etc.

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS
2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.
3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:
1. Manufacturer's product specification
2. Field verification of on-site product containers

5.504.4.4 Carpet Systems. All carpet installed in the building interior shall meet at least one of the testing and product requirements:

- 1. Carpet and Rug Institute's Green Label Plus Program.
2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010 (also known as CHPS Standard Method V.1.1 or Specification 01350).
3. NSF/ANSI 140 at the Gold level or higher.
4. Scientific Certifications Systems Sustainable Choice.
5. Compliant with the Collaborative for High Performance Schools California (2014 CA-CHPS) Criteria listed in the CHPS High Performance Product Database.

5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute Green Label program.

5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure (ATCM) for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

- 1. Product certifications and specifications.
2. Chain of custody certifications.
3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European EN 338 SS standards.
5. Other methods acceptable to the enforcing agency.

Y N/A RESPON PARTY

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS

Table with 2 columns: PRODUCT, CURRENT LIMIT. Lists various wood products and their formaldehyde limits, such as HARDWOOD PLYWOOD VENEER CORE (0.05), etc.

1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.
2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

5.504.4.6 Resilient flooring systems. For 80 percent of floor area receiving resilient flooring, installed resilient flooring shall meet at least one of the following:

- 1. Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program;
2. Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version 1.1, February 2010;
3. Compliant with the Collaborative for High Performance Schools California (2014 CA-CHPS) Criteria and listed in the CHPS High Performance Product Database; or
4. Products certified under UL GREENGUARD Gold (formerly the Greenguard Children's & Schools Program).

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exceptions: Existing mechanical equipment.

5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations, or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

SECTION 5.505 INDOOR MOISTURE CONTROL

5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures, see Section 5.407.2 of this code.

SECTION 5.506 INDOOR AIR QUALITY

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the California Energy Code, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.506.2 CARBON DIOXIDE (CO2) MONITORING. For buildings or additions equipped with demand control ventilation, CO2 sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

SECTION 5.507 ENVIRONMENTAL COMFORT

5.507.4 ACUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [PSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

- 1. Within the 65 CNEL noise contour of an airport.
Exceptions:
1. Lw or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICLUZ) plan.
2. Lw or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

2. Within the 65 CNEL or Lw noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.

5.507.4.1.1 Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB Lw, +1-hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1h) of 50 dBA in occupied areas during any hour of operation.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.

5.507.4.4 Documentation of Compliance. An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.tootbase.org/PDF/CaseStudiesList\_loc\_ratings.pdf.

SECTION 5.508 OUTDOOR AIR QUALITY

5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO2), and potentially other refrigerants.

Y N/A RESPON PARTY
YES NOT APPLICABLE RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fourth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.

5.508.2.2 Valves. Valves and fittings shall comply with the California Mechanical Code and as follows.

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

5.508.2.2.2.2.1 Chain tethers. Chain tethers to fit over the stem are required for valves designed to have seal caps.

Exception: Valves with seal caps that are not removed from the valve during stem operation.

5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-resistant material, such as stainless steel; or be coated to prevent corrosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device that indicates the level of refrigerant in the receiver.

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging.

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes.

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

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. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

- 1. State certified apprenticeship programs.
2. Public utility training programs.
3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
4. Programs sponsored by manufacturing organizations.
5. Other programs acceptable to the enforcing agency.

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. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

- 1. Certification by a national or regional green building program or standard publisher.
2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
3. Successful completion of a third party apprentice training program in the appropriate trade.
4. Other programs acceptable to the enforcing agency.

Notes:
1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

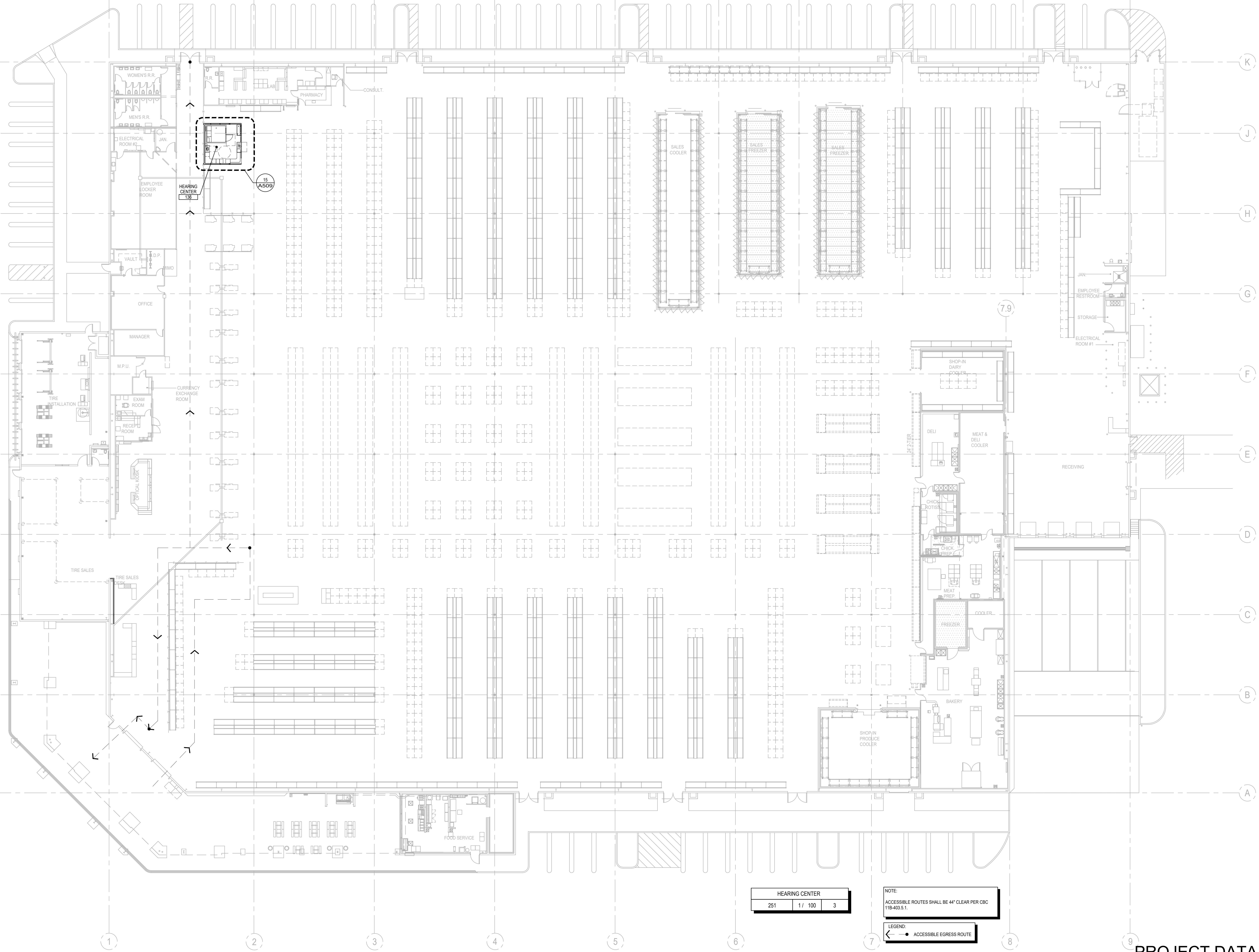
[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS
703.1 DOCUMENTATION. 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. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.

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

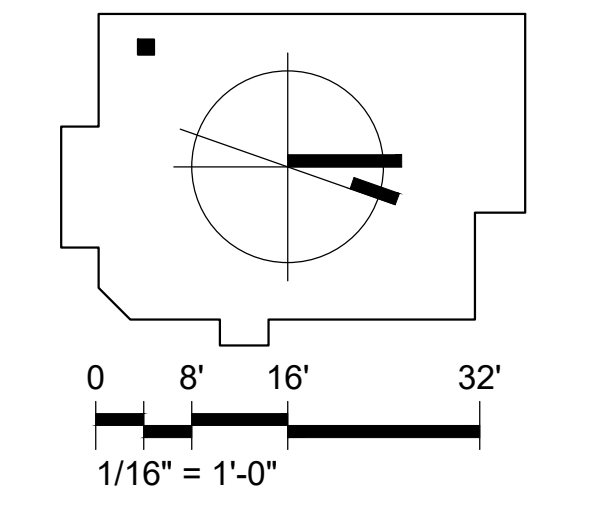
**COSTCO WHOLESALE CORPORATION**  
 999 LAKE DRIVE  
 ISSAQUAH, WA 98027  
 T. 425.313.8100  
 www.costco.com

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



**PERMIT SET**

**KEY PLAN**



NATHAN D. MENARD, ARCHITECT



11/15/2022

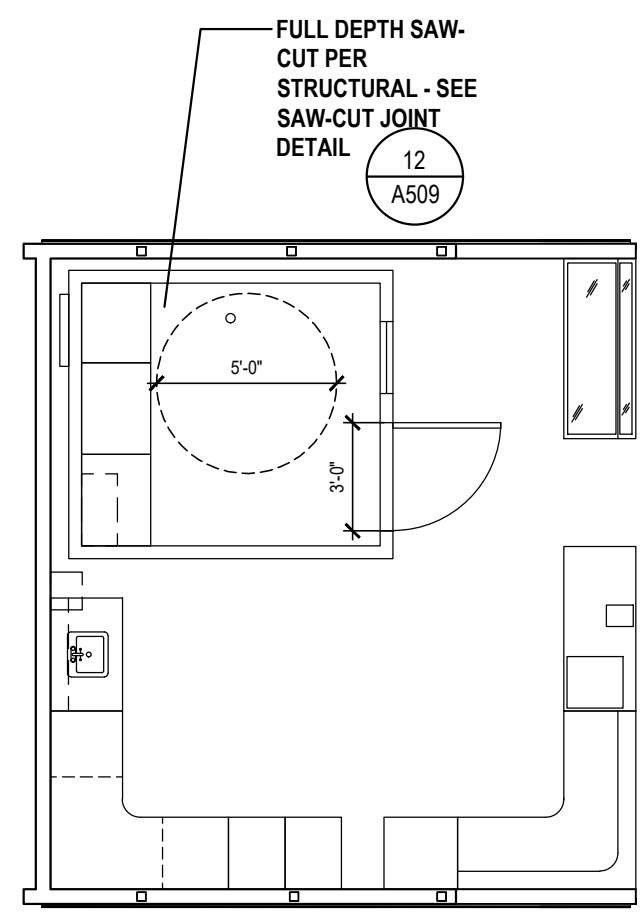
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DATE	DESCRIPTION
08/01/22	PERMIT ISSUE
1 09/30/22	PLAN CHECK COMMENT #1

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

**OVERALL FLOOR PLAN  
 A101**

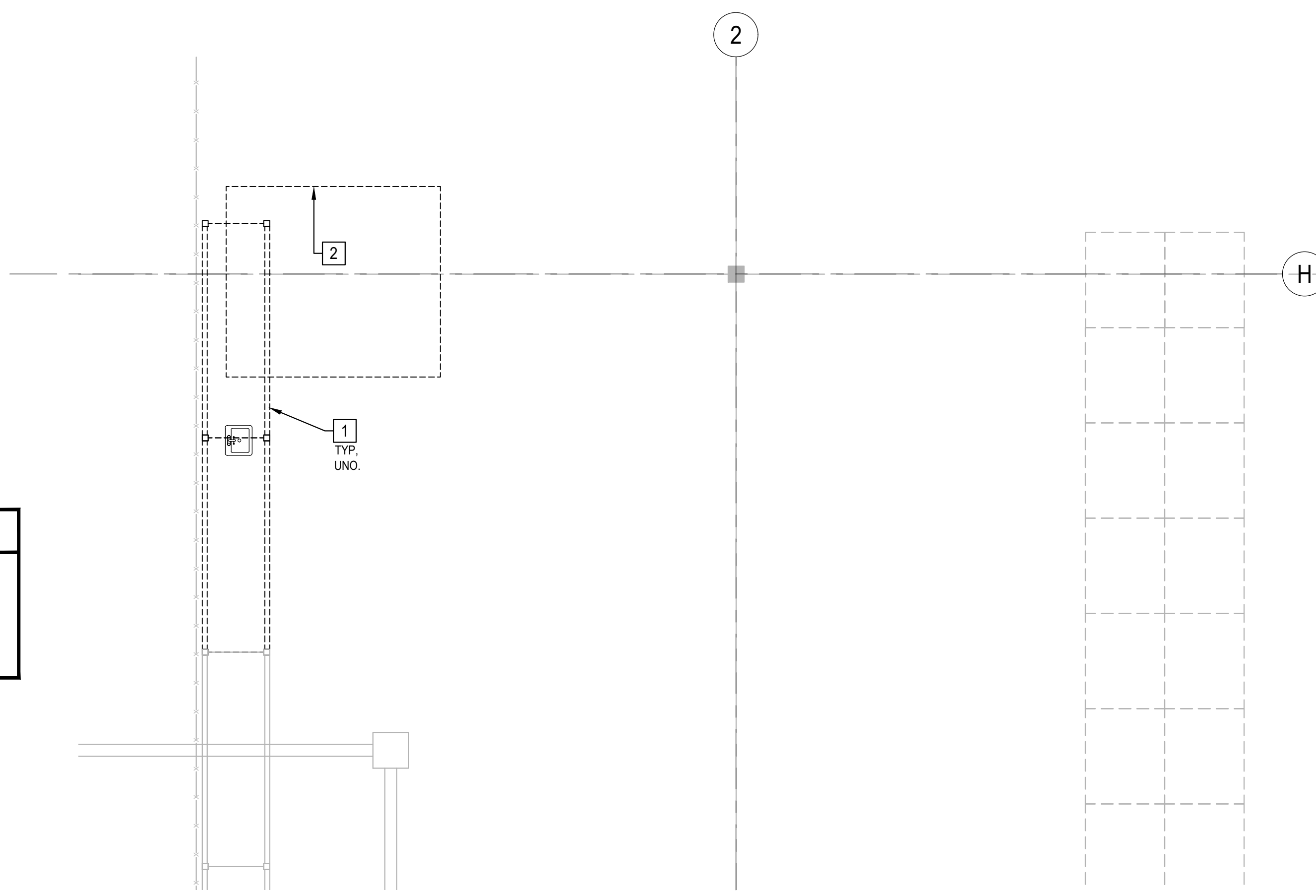
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**KEYPLAN SAW-CUT JOINT LAYOUT**

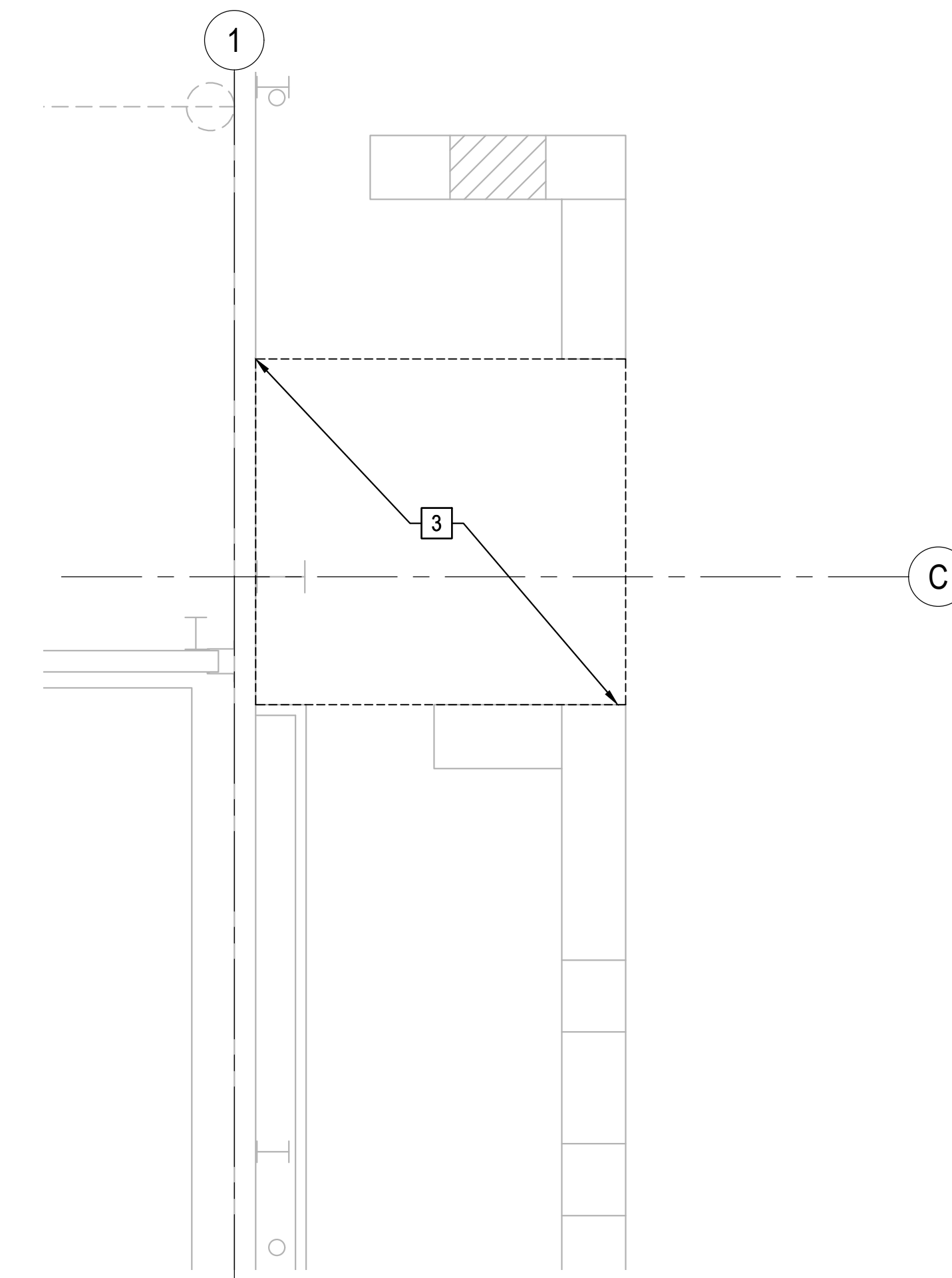
SCALE: 3/16" = 1'-0" 0322

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.	



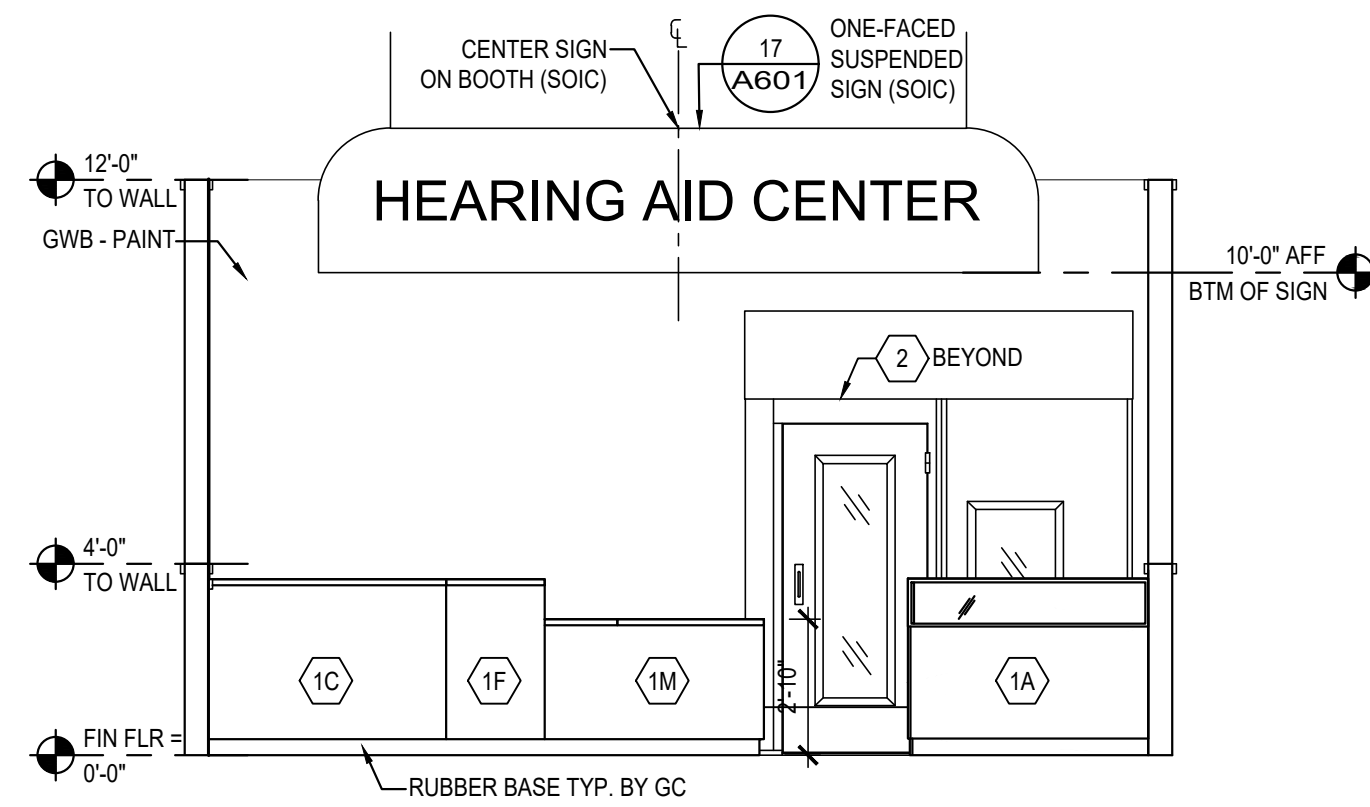
**ENLARGED DEMO PLAN**

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



**HAC ENLARGED DEMO PLAN**

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



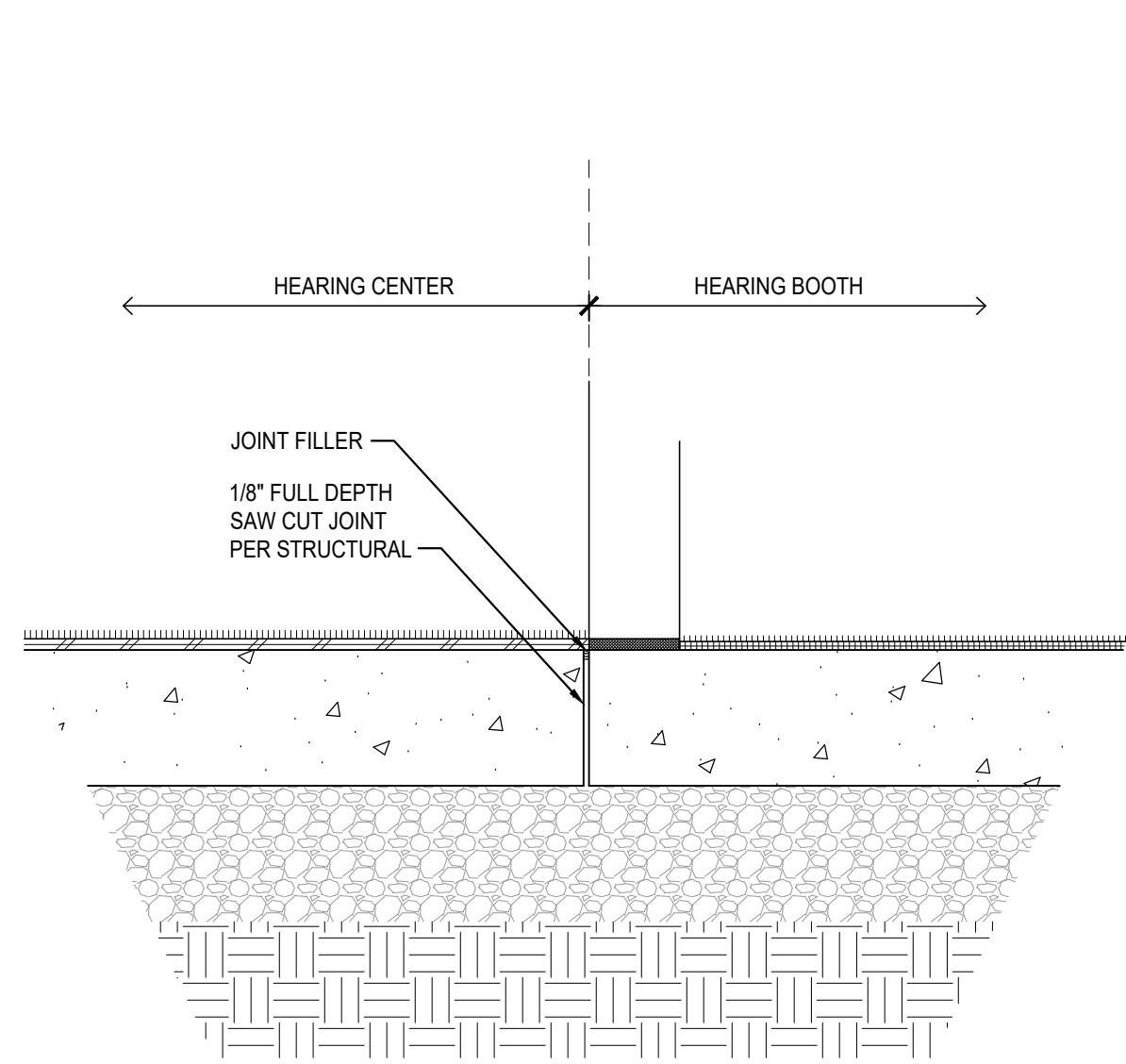
**HEARING CENTER FRONT**

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

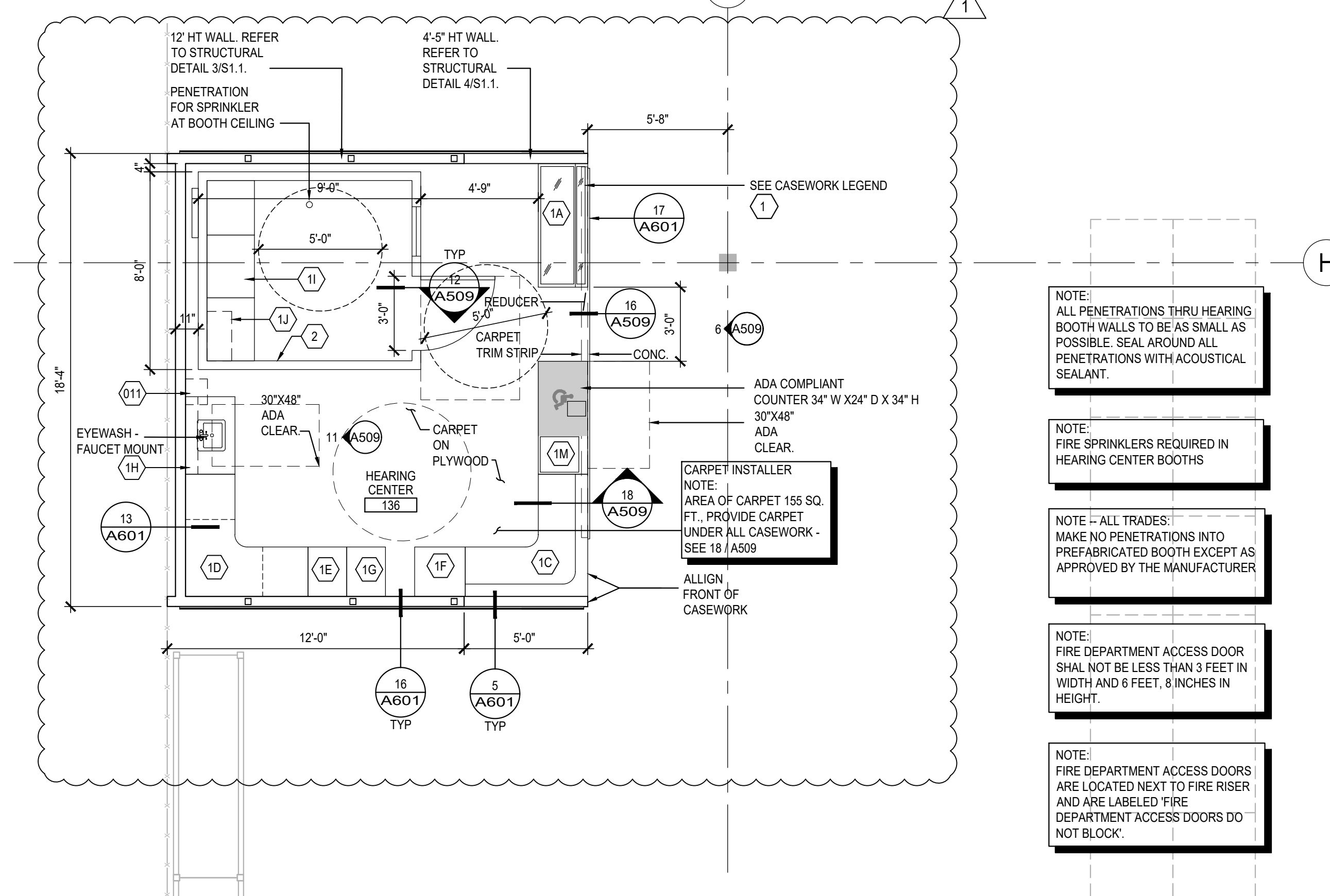
  

HEARING CENTER CASEWORK LEGEND (SOIC)			
CASE	QTY	DESCRIPTION	REMARKS
1A	1	DISPLAY CASE	
1C	1	ADMIN DESK	MUST BE ATTACHED TO F
1D	1	BUFF AND GRIND WORKSTATION	
1E	1	12 DRAWER FILE	
1F	1	PRINTER CABINET	MUST BE ATTACHED TO C
1G	1	STORAGE CABINET	
1H	1	SINK HUTCH UNIT	
1I	3	BOOTH LOWER	3 PIECES
1J	3	BOOTH UPPER	ALIGN WITH BOOTH DOOR
1M	1	REGISTER WITH ACCES. SALES COUNTER	



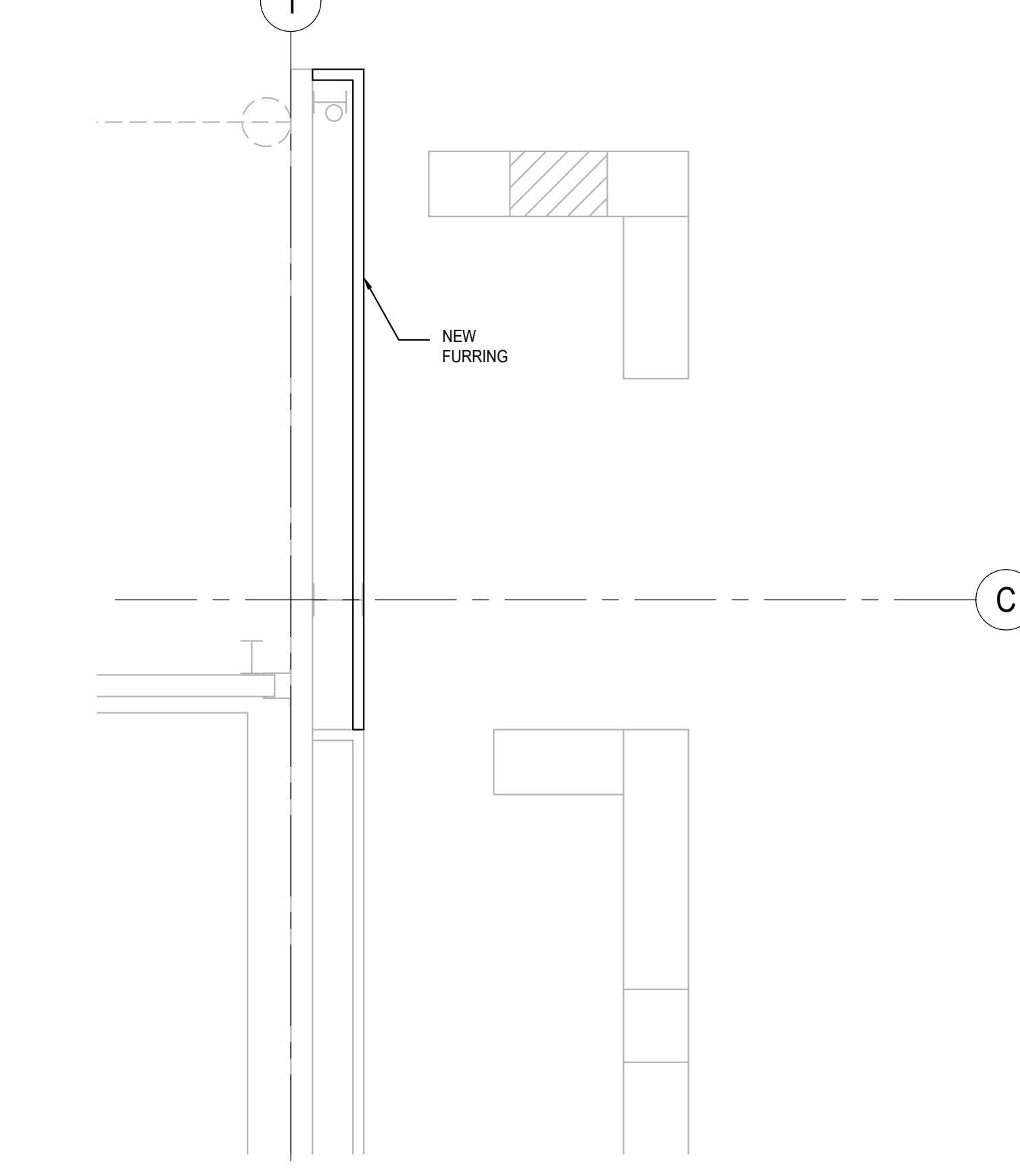
**SAW-CUT JOINT AT HEARING BOOTH**

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



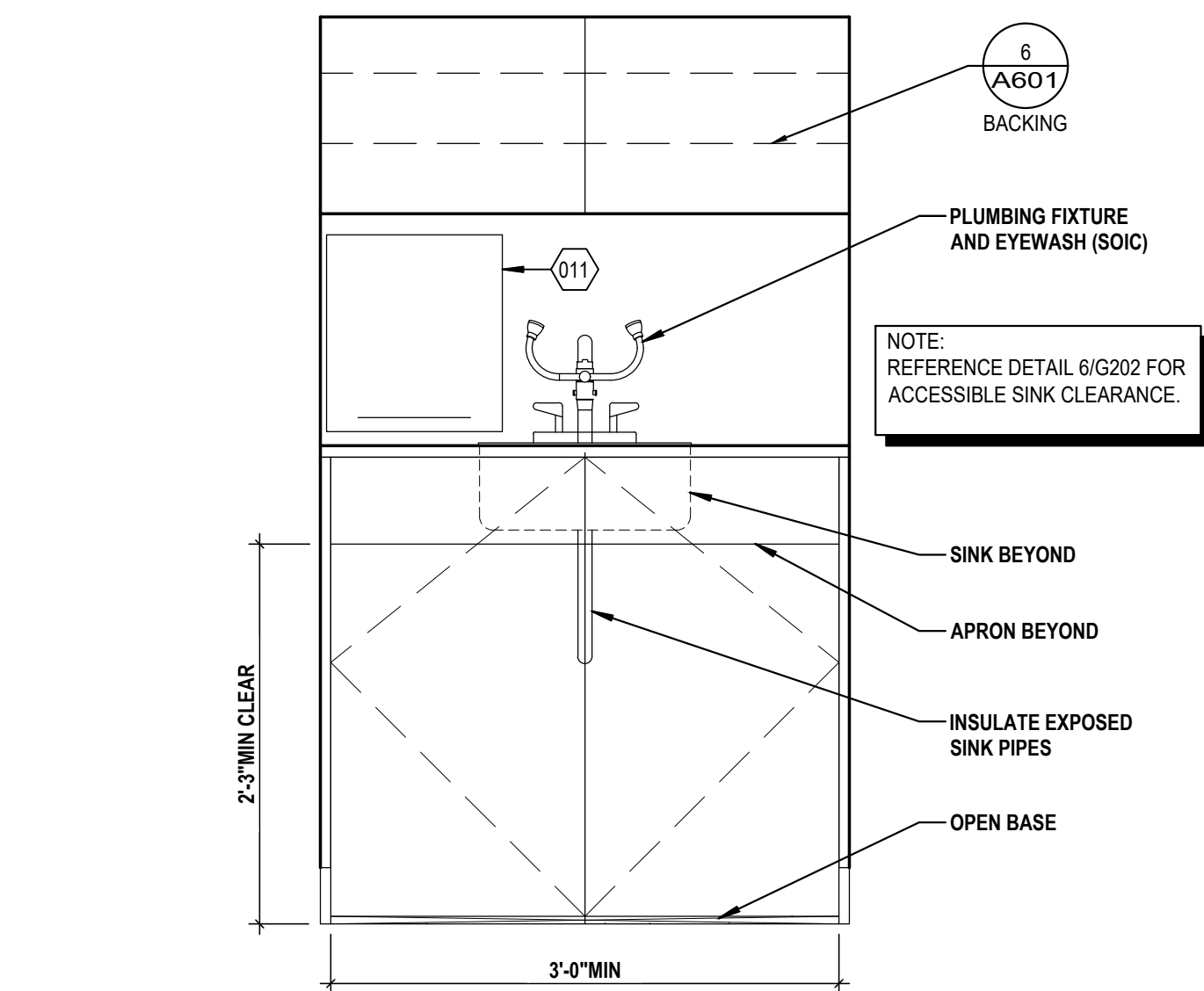
**HAC ENLARGED CONCEPT PLAN**

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



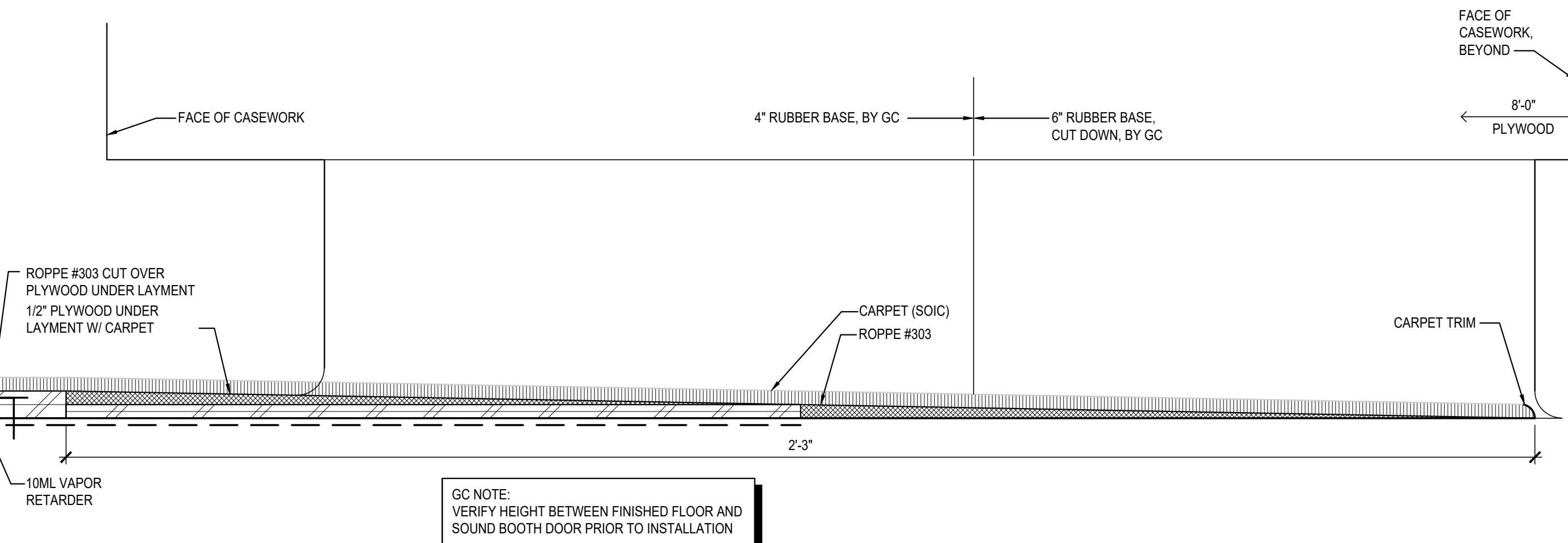
**TIRE SALES ENLARGED CONCEPT PLAN**

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



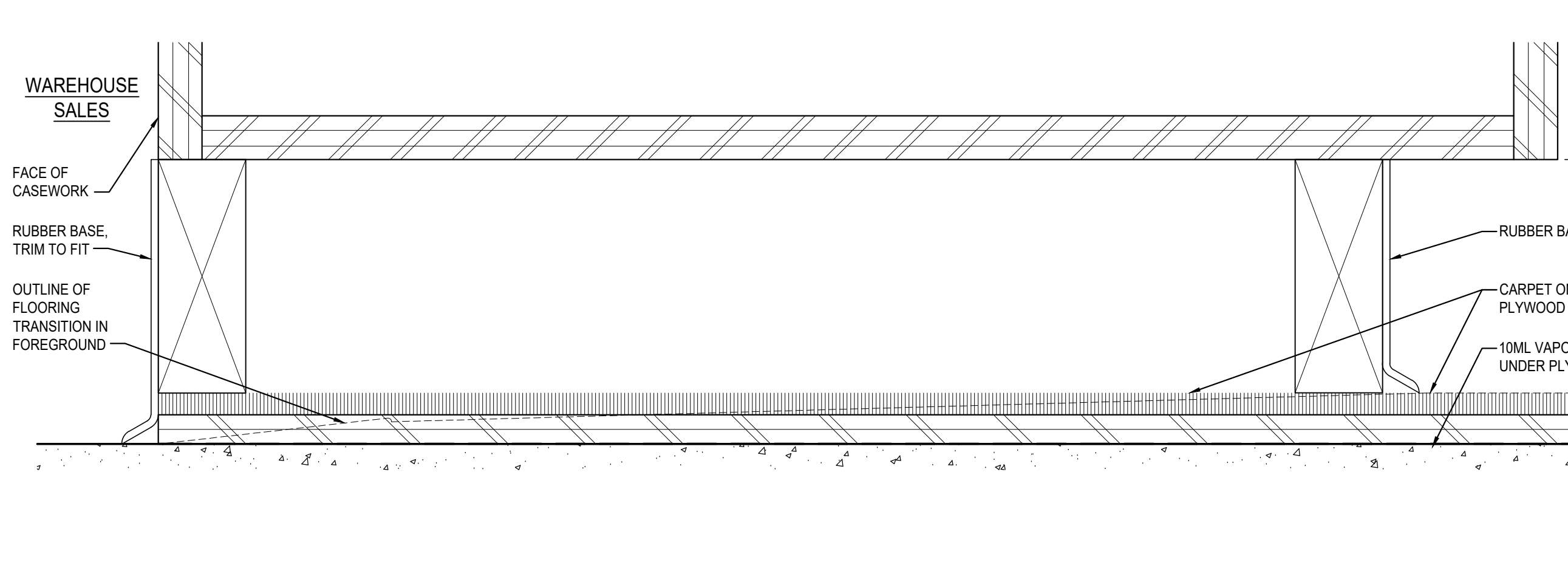
**ELEVATION AT ACCESSIBLE SINK (SOIC)**

SCALE: 1" = 1'-0" 0421



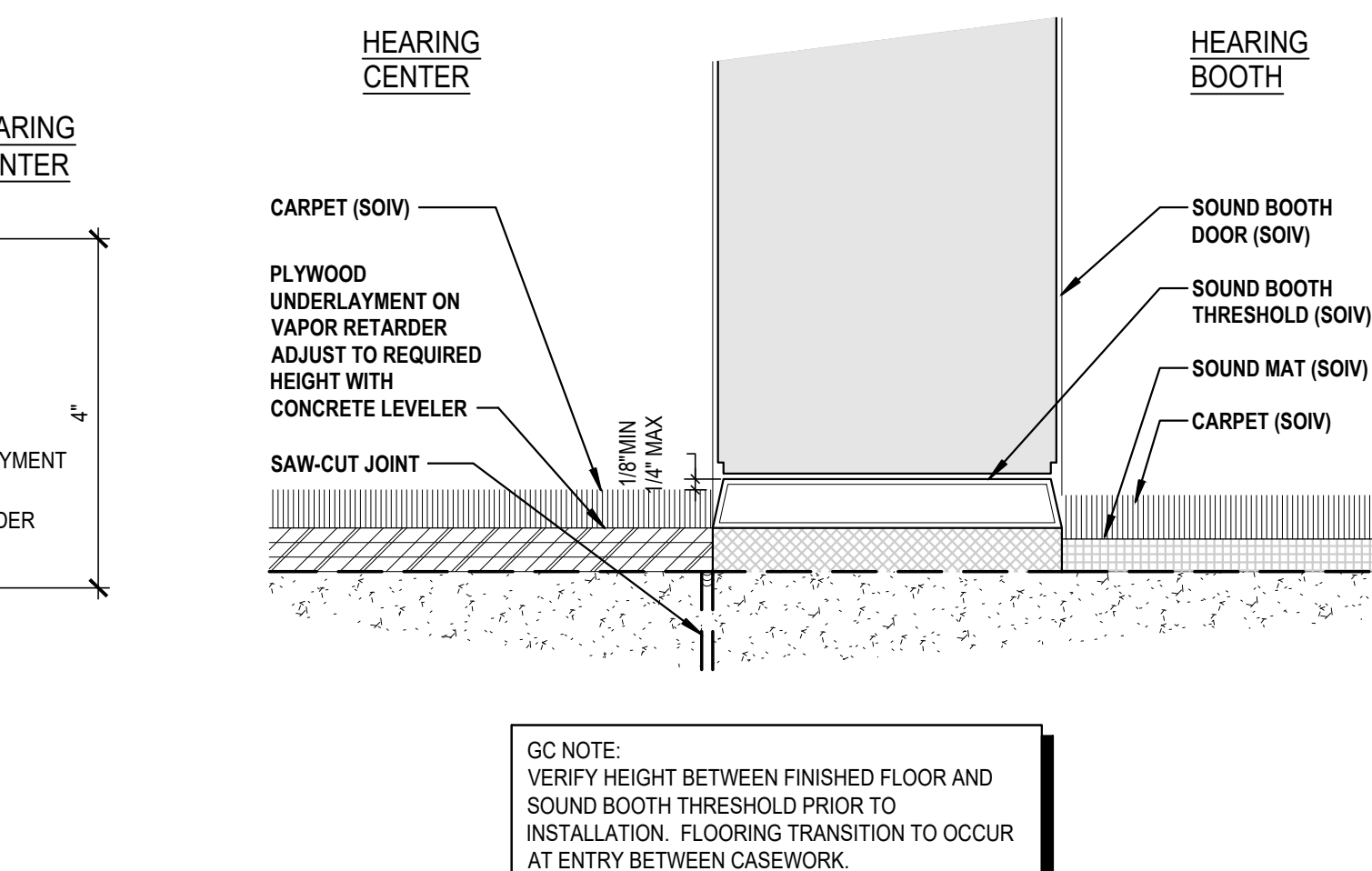
**CARPET TRANSITION**

SCALE: 6" = 1'-0" 0416



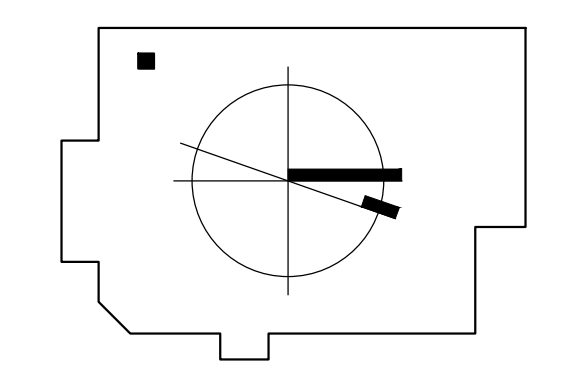
**CASEWORK SECTION AT BASE**

SCALE: 6" = 1'-0" 0220



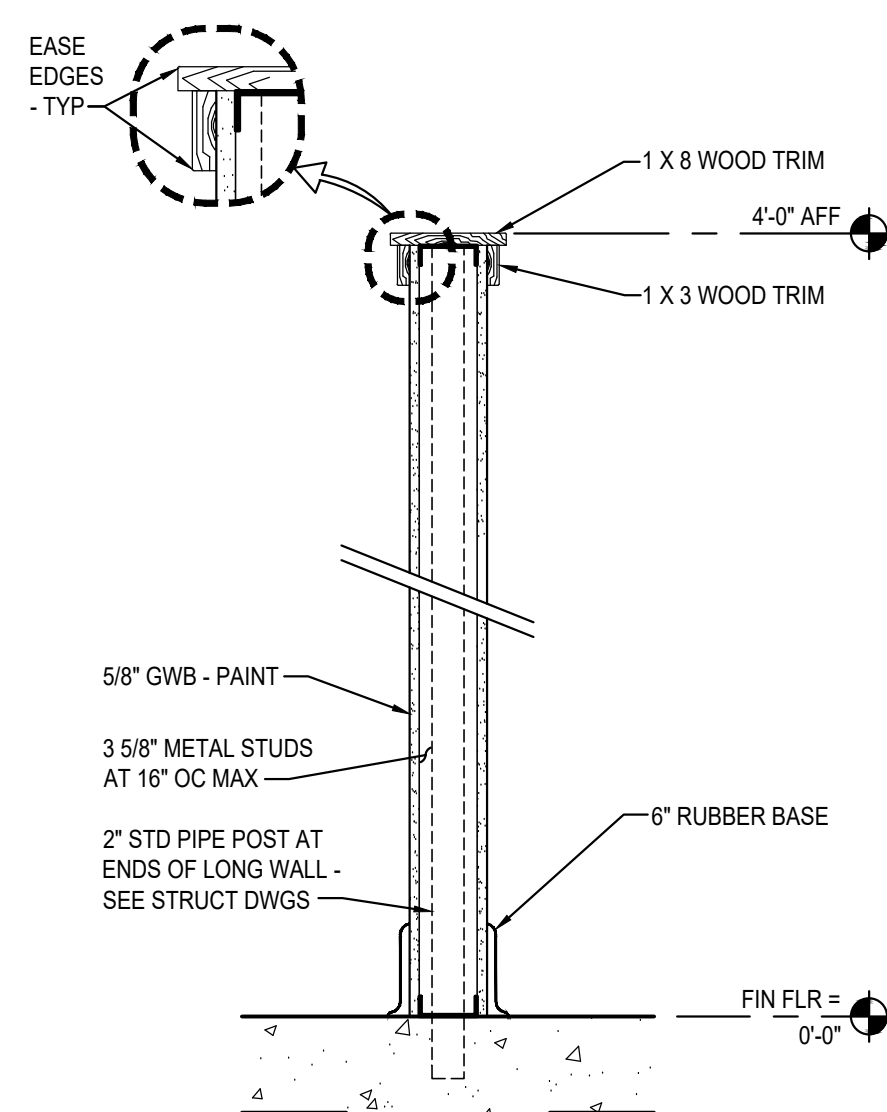
**THRESHOLD AT HEARING BOOTH**

SCALE: 6" = 1'-0" 0322



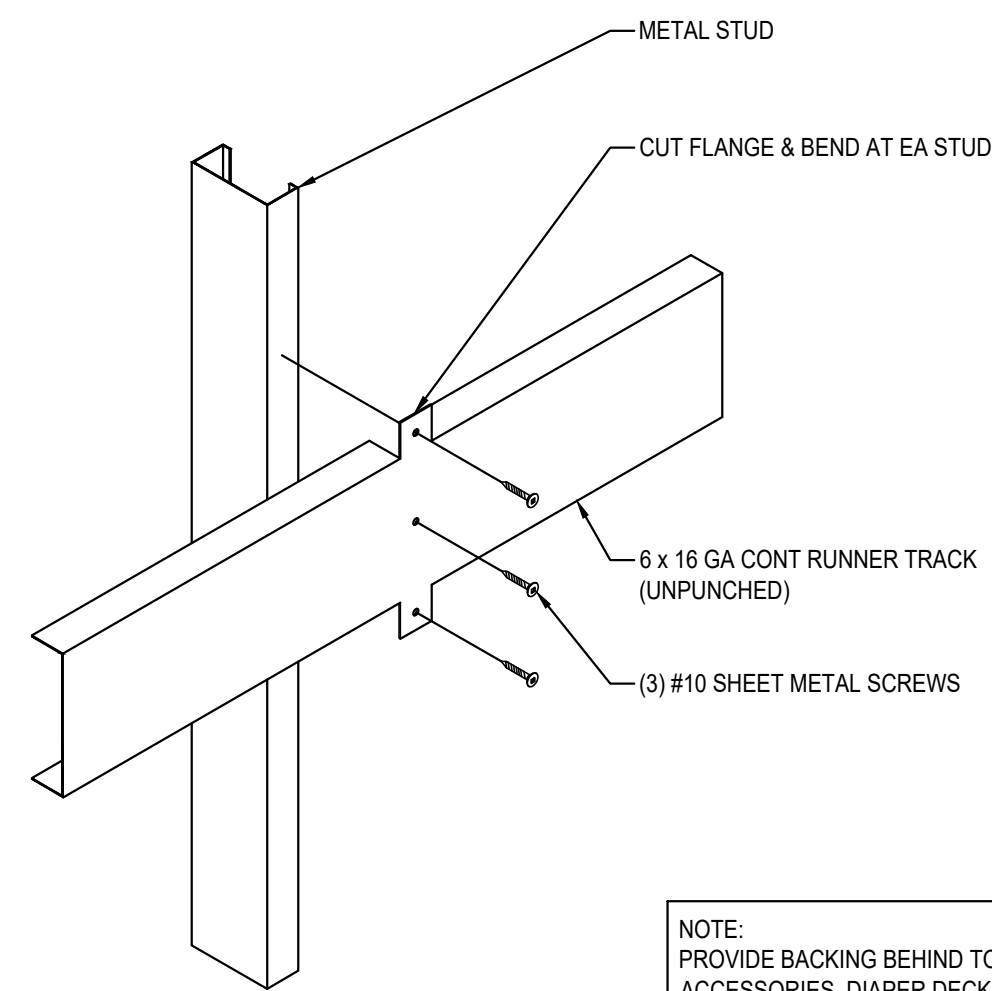
DATE	DESCRIPTION
08/01/22	PERMIT ISSUE
1 09/30/22	PLAN CHECK COMMENT #1

MASTER SET 10/02/22



**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

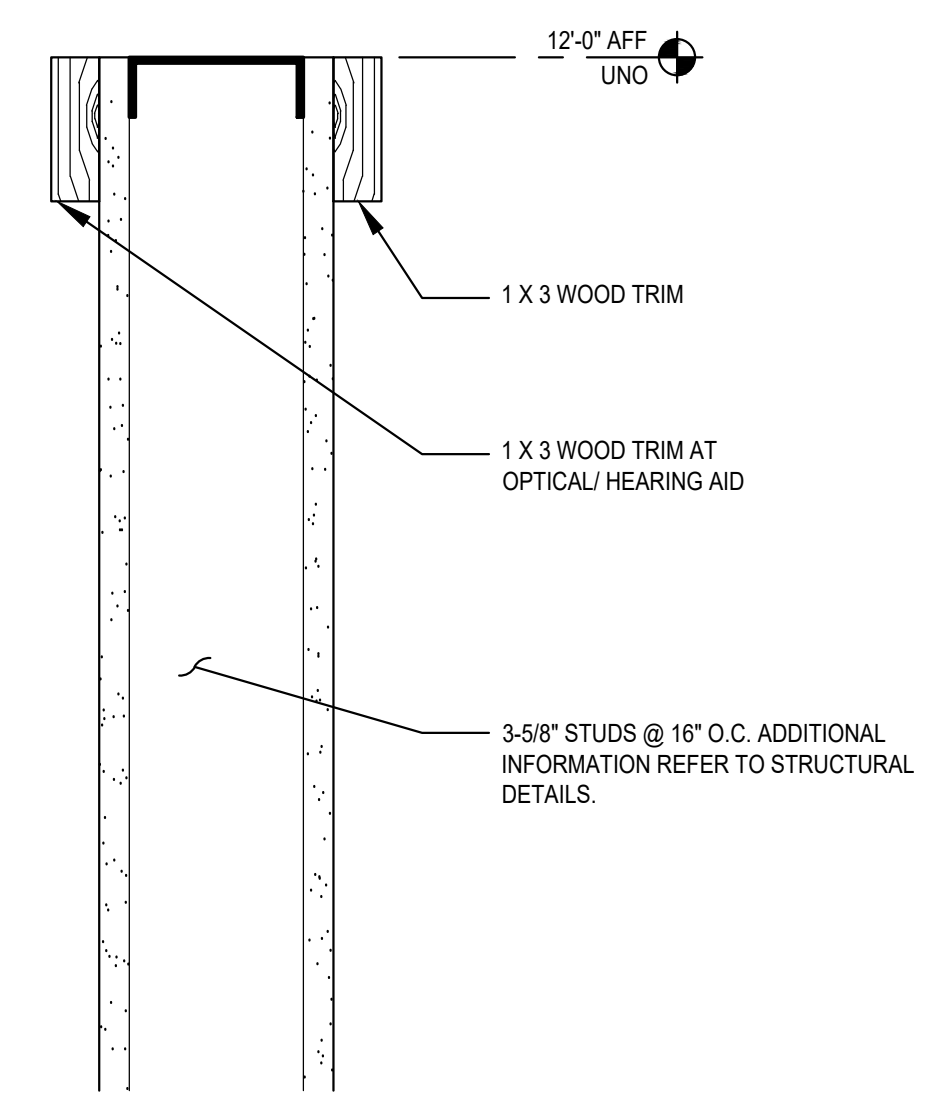
1012

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)

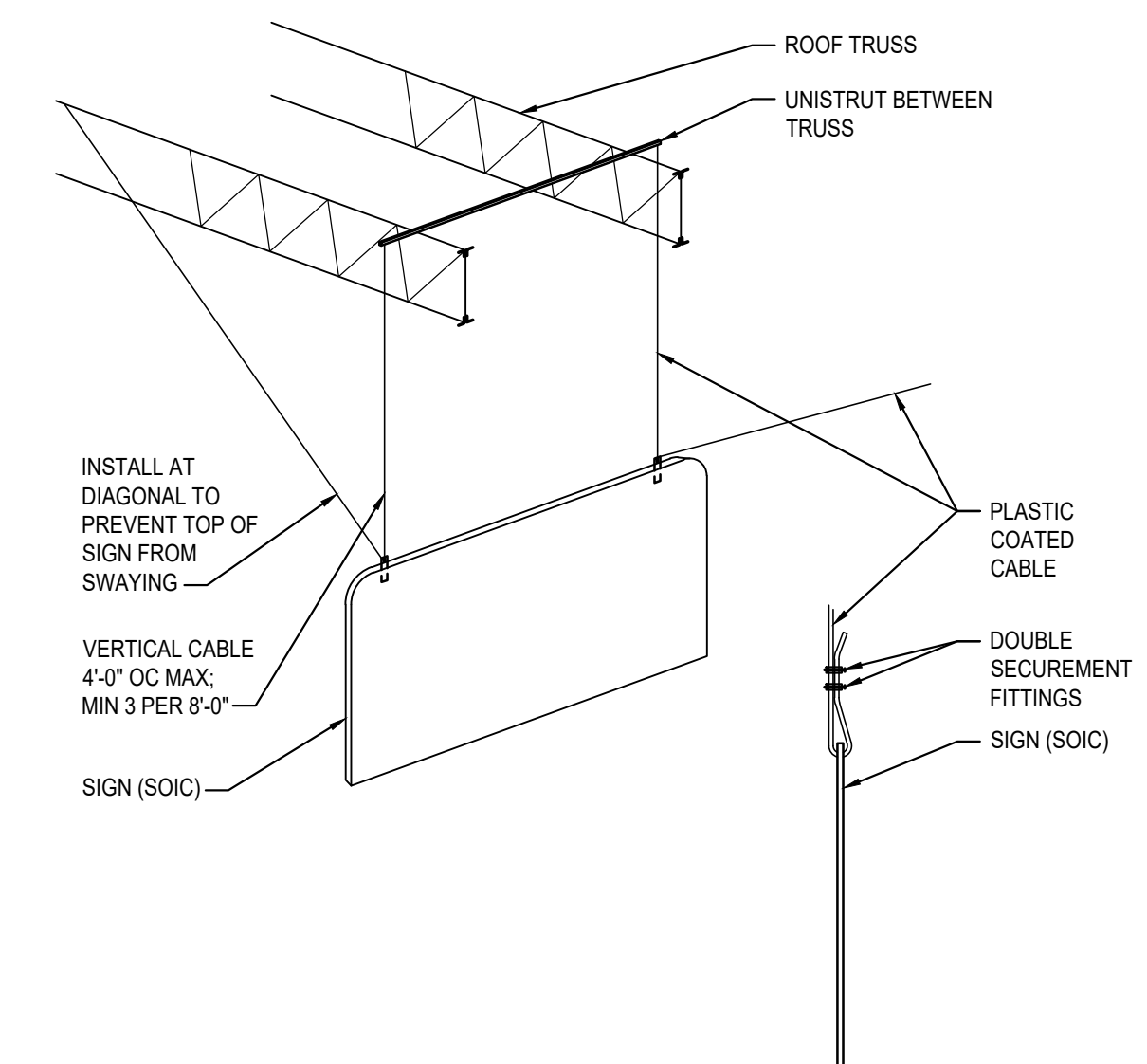
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**16 TOP OF WALLS**

SCALE: 3" = 1'-0"

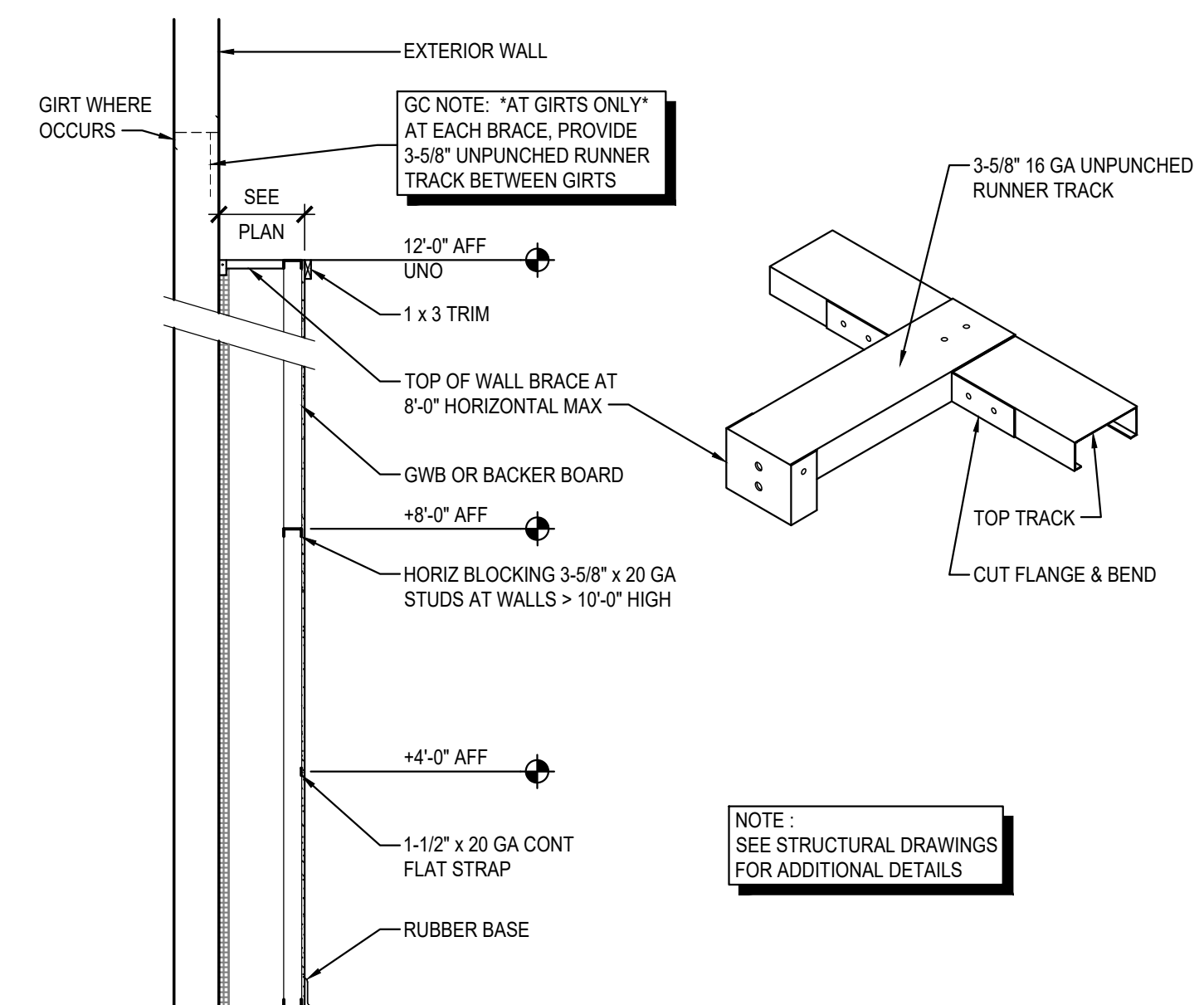
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**17 ONE-FACED SUSPENDED SIGN**

SCALE: NOT TO SCALE

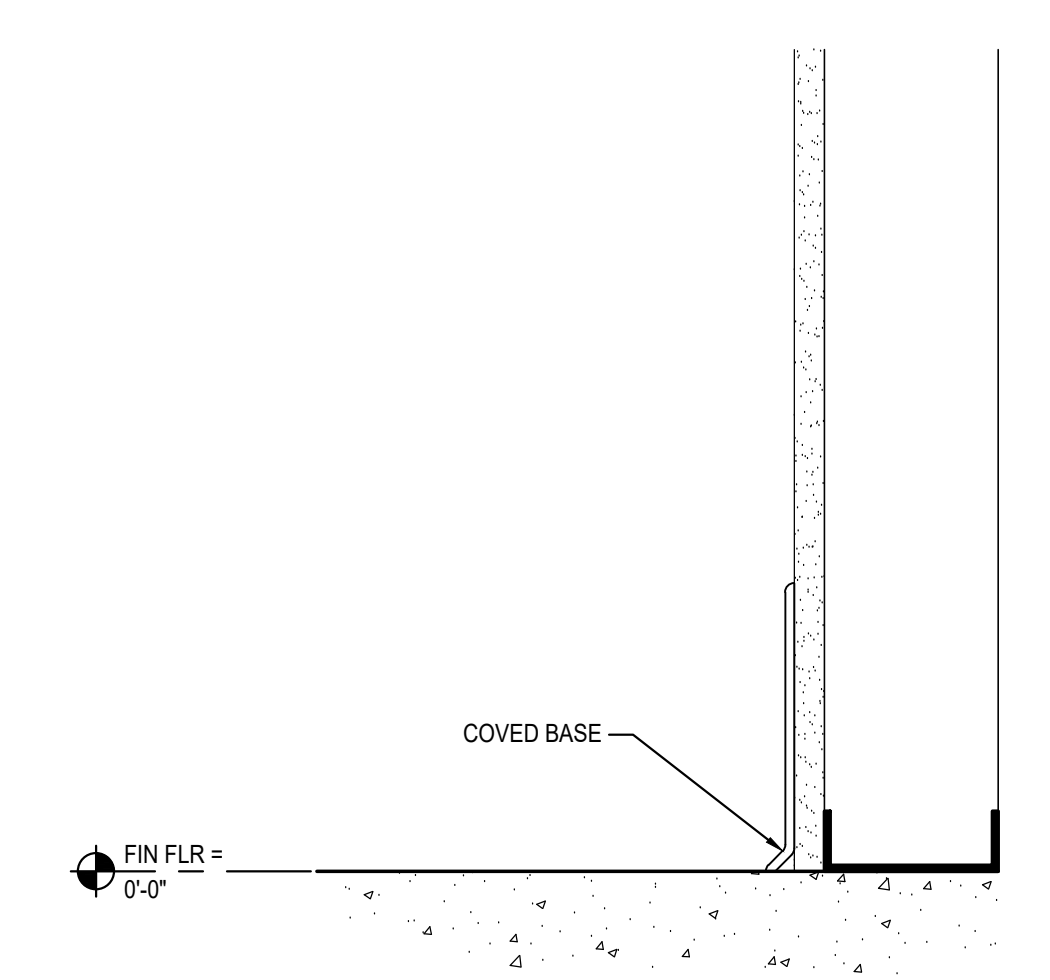
0914



**13 FURRING AT EXTERIOR WALL**

SCALE: NOT TO SCALE

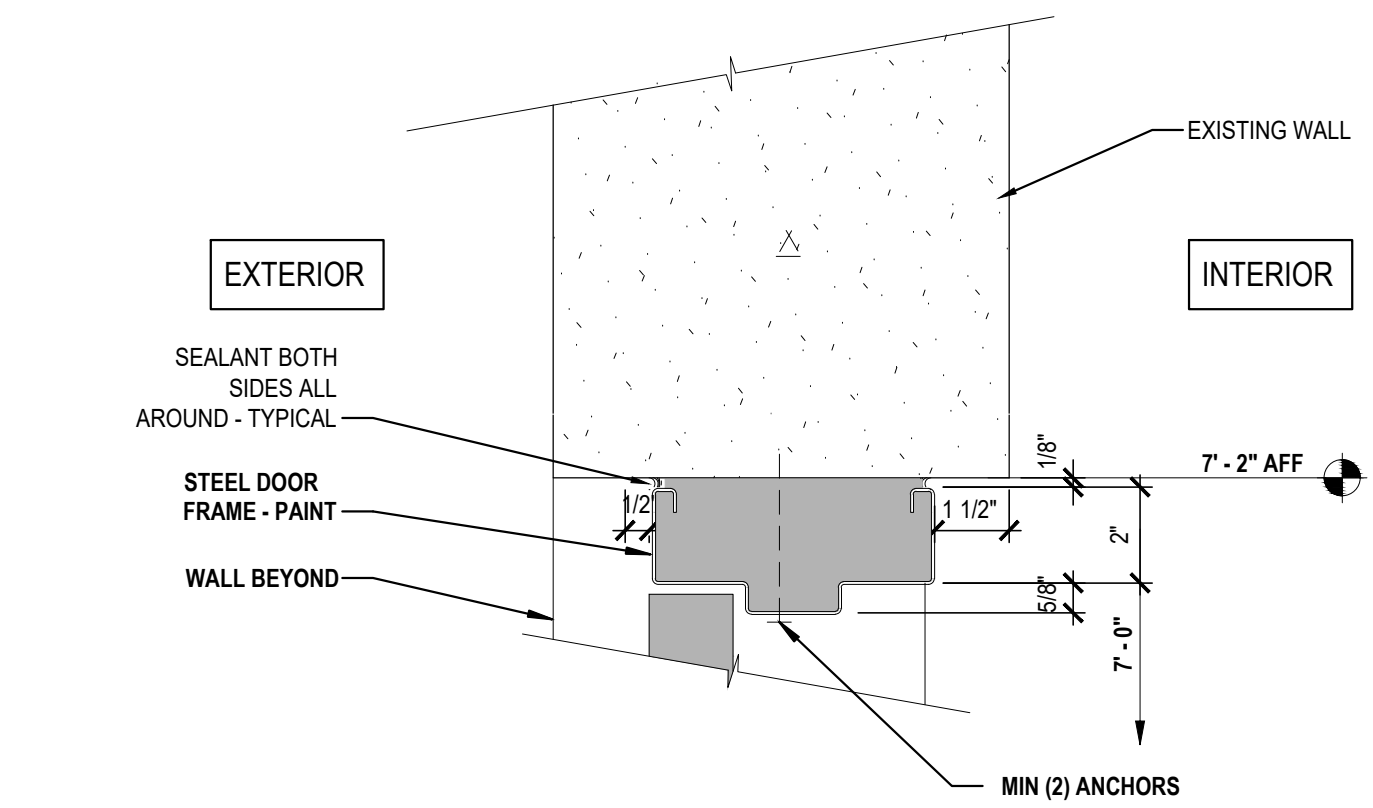
1218



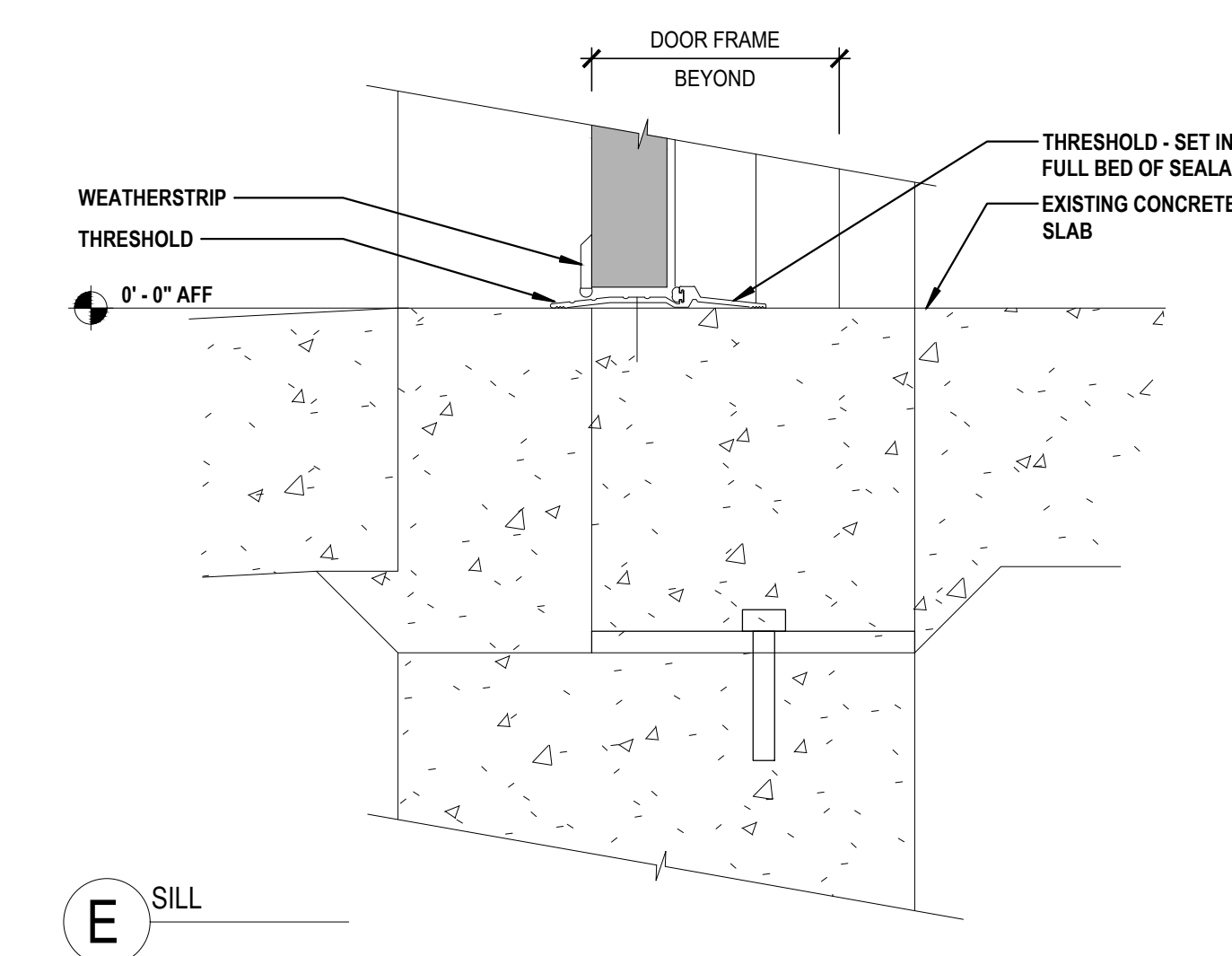
**18 TYPICAL RUBBER BASE**

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

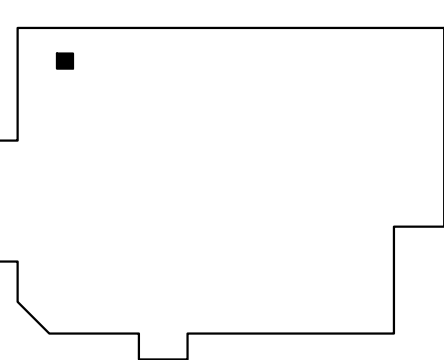
**COSTCO WHOLESALE CORPORATION**  
999 LAKE DRIVE  
ISSAQUAH, WA 98027  
T: 425.313.8100  
www.costco.com

1101 Second Ave, Ste 100  
Seattle, WA 98101  
206 962 6500  
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: MH

**ROOM FINISH SCHEDULE AND TYPICAL INTERIOR DETAILS**

**A601**





STATE OF CALIFORNIA  
**Mechanical Systems**  
 NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION

**CERTIFICATE OF COMPLIANCE** NRCC-MCH-E  
 Project Name: Costco Chula Vista Hearing Center Remodel Report Page: Page 10 of 11  
 Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 2021-09-08

**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.

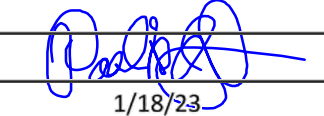
01	02
Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block:	No
03	04
Mandatory Measure	Plan sheet or construction document location
Heating Equipment Efficiency per §110.1	MP-1
Cooling Equipment Efficiency per §110.1	MP-1
Furnace Standby Loss Control per §110.2(d)	NA
Duct Insulation per §120.4	NA
Heating Hot Water Equipment Efficiency per §110.1	NA
Cooling Chilled and Condenser Water Equipment Efficiency per §110.1	NA
Open and Closed Circuit Cooling Towers conductivity of flow-based controls per §110.2(e)1	NA
Open and Closed Circuit Cooling Towers Flow Meter with analog output per §110.2(e)3	NA
Open and Closed Circuit Cooling Towers Overflow Alarm per §110.2(e)4	NA
Open and Closed Circuit Cooling Towers Efficient Drift Eliminators per §110.2(e)5	NA
Pipe Insulation per §120.3(b)	NA
Combustion air shutoff, combustion air fan controls and stack design and controls for boilers per §120.9	NA
Heat Pump with Supplementary Electric Resistance Heater Controls per §110.2(b)	NA
The air duct and plenum system is designed per §120.4(a)-(f)	NA
Kitchen range hoods shall be rated for sound in accordance with Section 7.2 of ASHRAE 62.2	NA

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

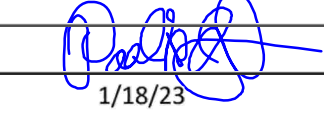
STATE OF CALIFORNIA  
**Mechanical Systems**  
 NRCC-MCH-E (Created 09/2020) CALIFORNIA ENERGY COMMISSION

**CERTIFICATE OF COMPLIANCE** NRCC-MCH-E  
 Project Name: Costco Chula Vista Hearing Center Remodel Report Page: Page 11 of 11  
 Project Address: 1130 Broadway, Chula Vista, CA 91911 Date Prepared: 2021-09-08

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
 1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Paal K. Ryan Documentation Author Signature:   
 Company: T.E., Inc. Signature Date: 1/18/23  
 Address: 830 North Riverside Dr. Ste 200 CEA/HERS Certification Identification (if applicable):  
 City/State/Zip: Renton, WA 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:  
 1. The information provided on this Certificate of Compliance is true and correct.  
 2. 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).  
 3. 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.  
 4. 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.  
 5. 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 K. Ryan Responsible Designer Signature:   
 Company: T.E., Inc. Date Signed: 1/18/23  
 Address: 830 North Riverside Dr. Ste 200 License:  
 City/State/Zip: Renton, WA 98057 Phone: 425-970-3753

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

TITLE 24

PROJECT NO: 22-267

ISSUE DATE: AUGUST 17, 2022

ARCHITECT REFERENCE NO: 98-5890-20

REVISION DATE: JANUARY 23, 2023

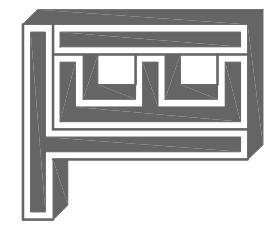
DRAWN: AXH

CHECKED: FRK/PWC

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

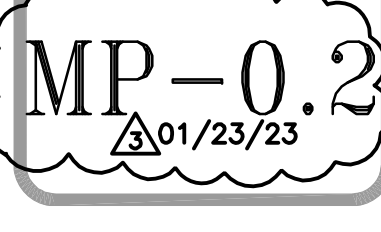


T.E., Inc.  
830 N. RIVERSIDE DRIVE  
SUITE #200  
RENTON, WA 98057  
PHONE: 425-970-3753  
FAX: 425-970-3756

ISSUED FOR PERMIT/BD
08/18/22
11/01/22
12/08/22
01/23/23

PERMIT COMMENTS 1  
 PERMIT COMMENTS 2  
 PERMIT COMMENTS 3

PERMIT COMMENTS



K:\2022\260-269\22-22-267 - Costco - Chula Vista (#0781) - CA - Hearing Center Remodel-1.dwg, 1/23/2023 2:19:40 PM, Teitch

**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 CEC
  - 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 PUBLIC OR 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 RECIRC, 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	PVC (ASTM D2665), ABS

**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 BACKFLOW PREVENTER
- RPZ REDUCED PRESSURE ZONE ASSEMBLY 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

**HVAC LEGEND**

- 24/48 AIR DUCT - FIRST # IS SIDE SHOWN
- FF FLEXIBLE DUCT CONNECTION
- TV TURNING VANE
- SD SUPPLY DUCT UP
- RD RETURN DUCT UP
- SD SUPPLY DUCT DOWN
- RD RETURN DUCT DOWN
- AD AIR VOLUME DAMPER
- CD CEILING DIFFUSER
- SQ SQUARE TO ROUND DUCT TRANSITION
- C CONDENSATE DRAIN
- AC#1 AIR CONDITIONER #1
- T THERMOSTAT
- T/W THERMOSTAT (W/LOCKING COVER)
- S SENSOR
- HUM HUMIDISTAT
- CO2 CARBON DIOXIDE
- CONT. CONTINUATION
- TYP. TYPICAL
- CFM CUBIC FEET PER MINUTE
- DB DRY BULB TEMPERATURE
- DG DOOR GRILLE
- WB WET BULB TEMPERATURE
- MBH 1,000 BRITISH THERMAL UNITS/HR.
- ESP EXTERNAL STATIC PRESSURE
- EG EXHAUST GRILLE
- RG RETURN GRILLE
- CD CEILING DIFFUSER
- RA RETURN AIR
- SA SUPPLY AIR
- CFD CEILING DIFFUSER WITH FIRE DAMPER
- RGF RETURN GRILLE WITH FIRE DAMPER
- CDPF CEILING DIFFUSER FOOD PREPARATION
- RGFP RETURN GRILLE FOOD PREPARATION
- CO CLEAN OUT
- VD VOLUME DAMPER
- MBS METAL BUILDING SUPPLIER
- M.C. MECHANICAL CONTRACTOR
- G.C. GENERAL CONTRACTOR
- S.I.C. SUPPLY/INSTALL BY CONTRACTOR
- S.I.O. SUPPLY/INSTALL BY OWNER
- S.O.I.C. SUPPLY BY OWNER INSTALL BY CONTRACTOR
- S.O.I.R.C. SUPPLY BY OWNER INSTALL BY REFR. CONTRACTOR
- U.N.O. UNLESS NOTED OTHERWISE

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

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

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

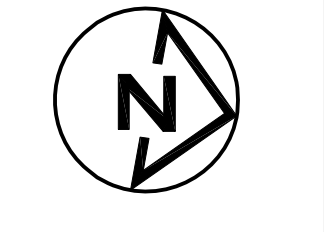
**HEARING CENTER PLUMBING PLAN**  
SCALE: 1/4" = 1'-0"

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

PERMIT COMMENTS

ISSUE DATE: AUGUST 17, 2022  
 REVISION DATE: JANUARY 23, 2023  
 CHECKED: PKR/CWC  
 DRAWN: AVH  
 ARCHITECT REFERENCE NO. 99-5880-20  
 ARCHITECT: T.E., Inc.  
 850 N. RIVERSIDE DRIVE  
 SUITE #200  
 RENTON, WA 98057  
 PHONE: 425-970-3763  
 FAX: 425-970-3756

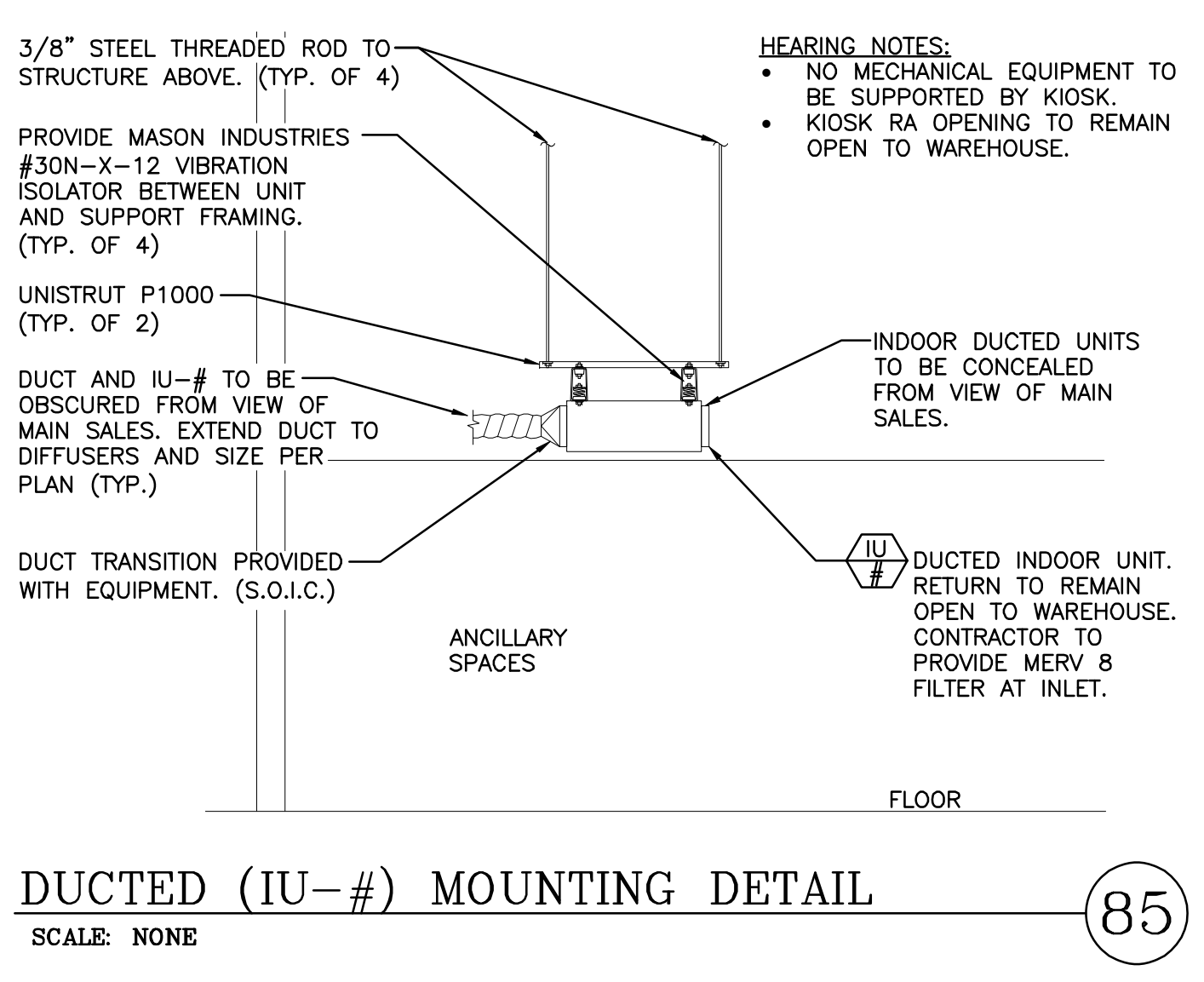
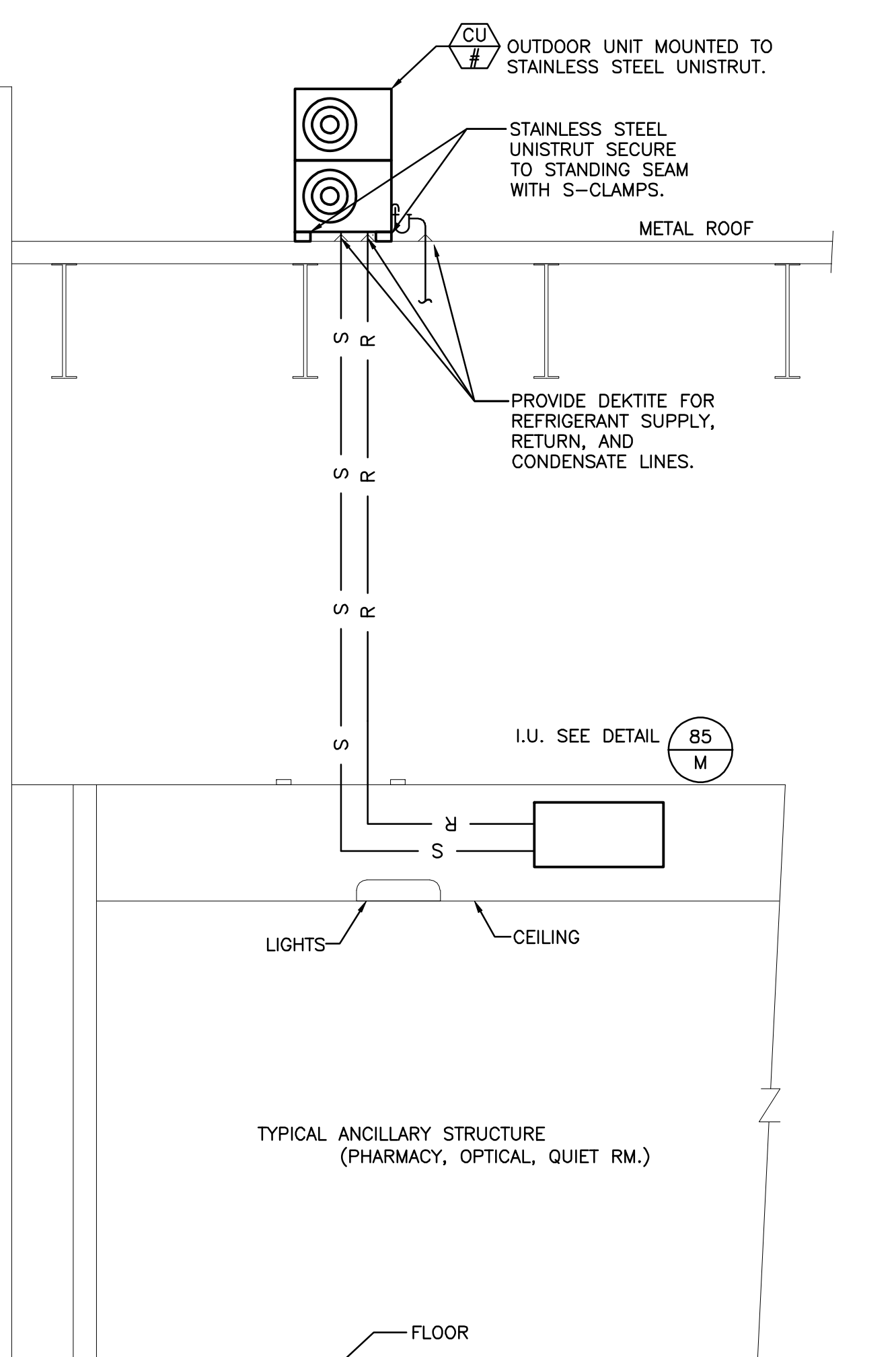
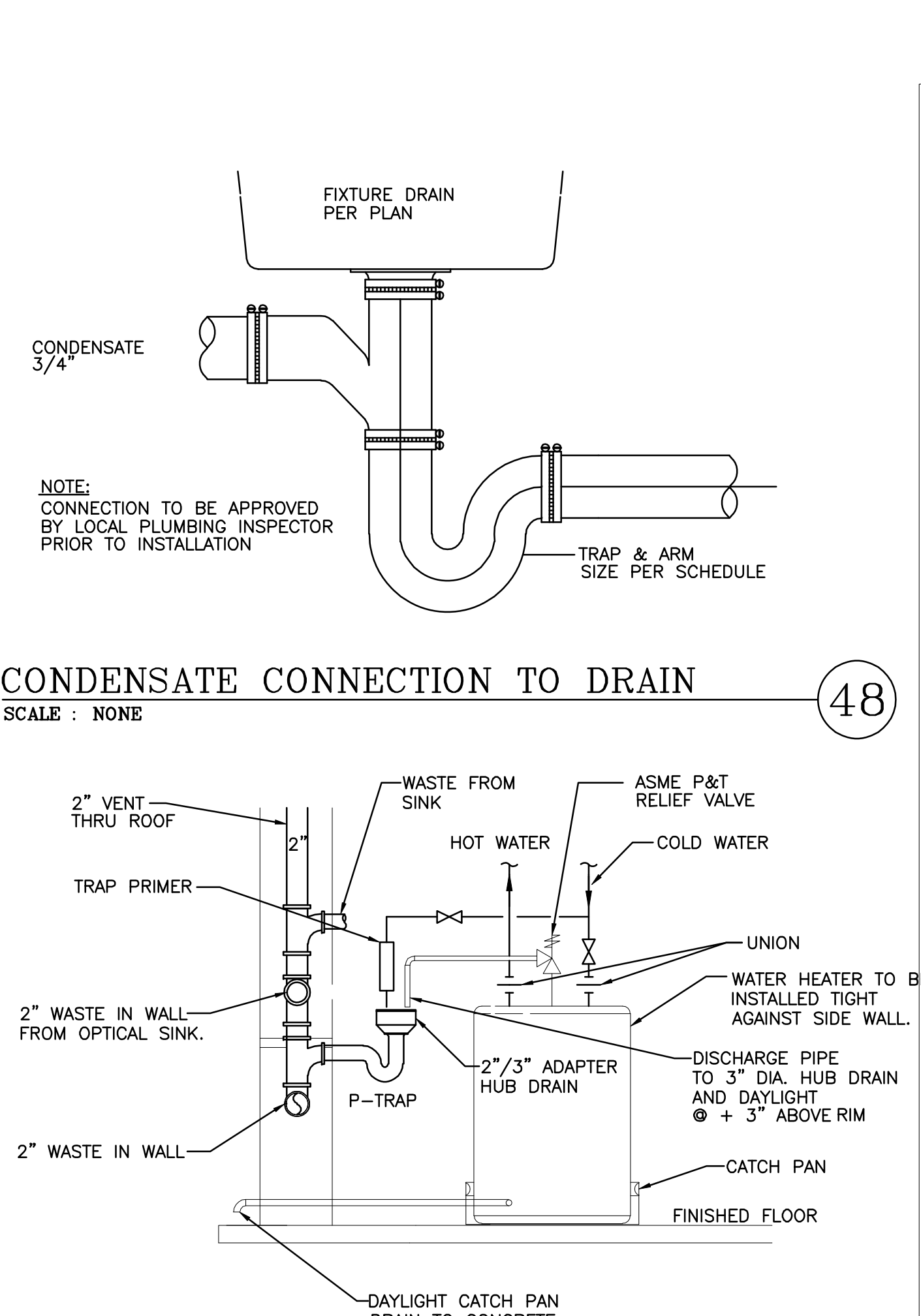
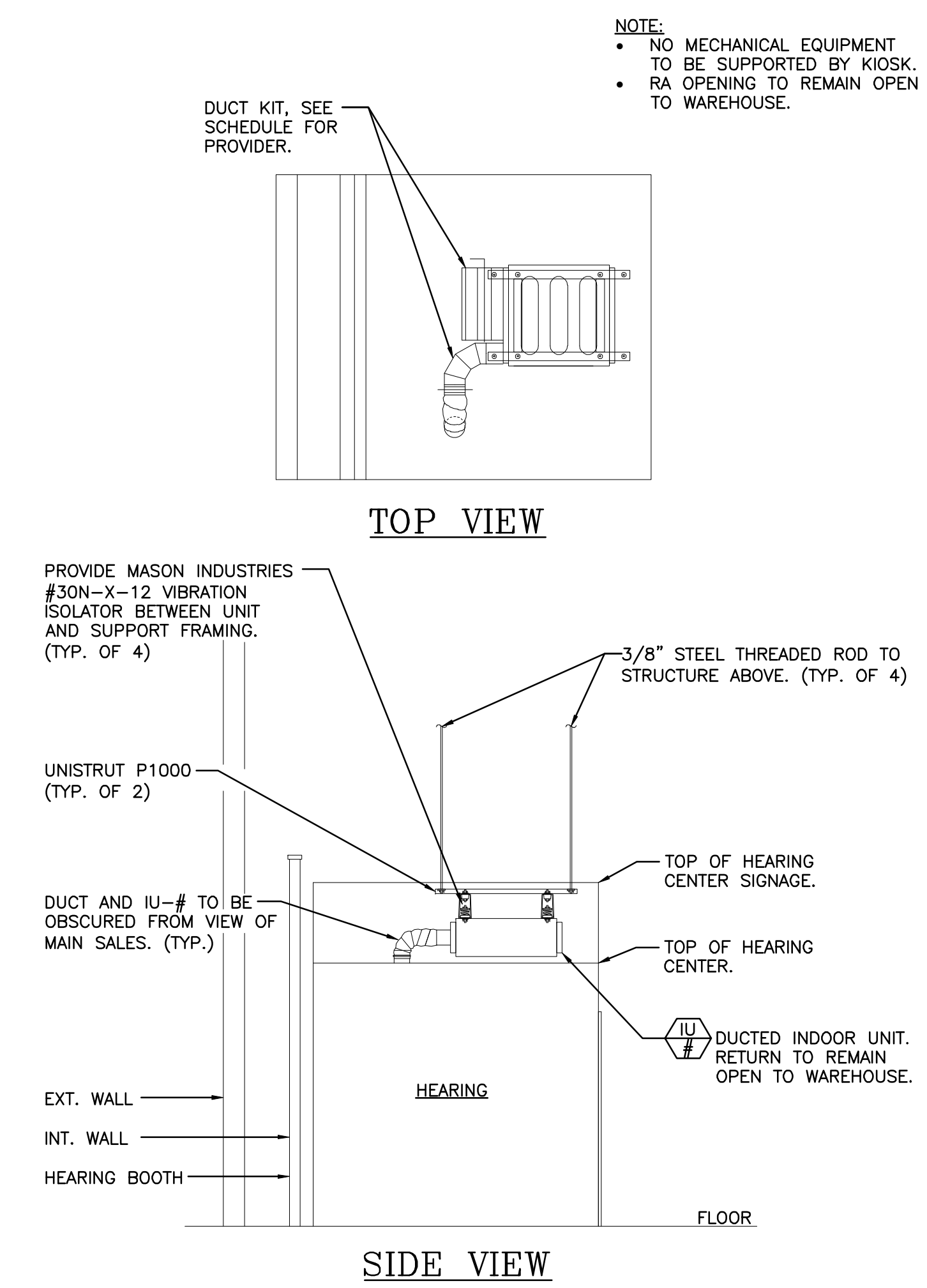
HEARING CENTER REMODEL  
 WAREHOUSE #781  
 1130 BROADWAY  
 CHULA VISTA, CA 91911



MP-1

PLUMBING FIXTURE SCHEDULE – SUPPLIED BY OWNER INSTALLED BY CONTRACTOR (SOIC)										
SYMBOL	DESCRIPTION	MFR./MODEL	WASTE	VENT	COLD W.	HOT W.	SPECIFICATIONS	DETAIL	SERVES	NOTES
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/1ϕ, 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 PREVENTION
								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 LUU097HV	HEAT PUMP OUTDOOR UNIT, 3/4 NOM. TONS, 208V/1ϕ 1/4" LIQ, 3/8" GAS EER = 12.7 SEER = 18.5 14.00 MBH HEAT @ 47°F, 988 CFM	15A MOP 11.9 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									



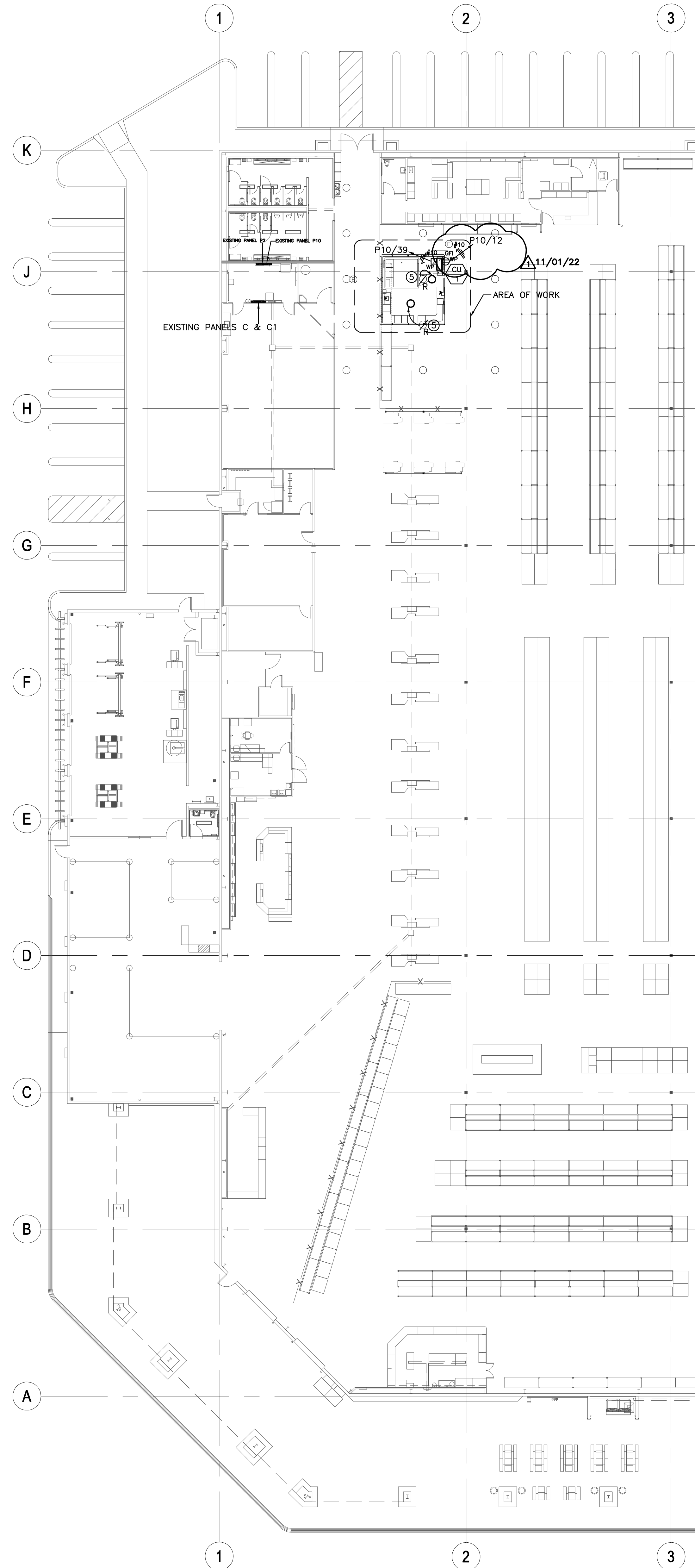
MECHANICAL AND PLUMBING SCHEDULES, AND DETAILS  
 PROJECT NO: 22-267  
 © OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF T.E.I.C.  
 ARCHITECT REFERENCE NO: 99-5880-20  
 ISSUE DATE: AUGUST 17, 2022  
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 CHECKED: PKR/CWC  
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 PERMIT COMMENTS  
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 11/01/22 PERMIT COMMENTS 1  
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 01/23/23 PERMIT COMMENTS 3

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

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

**MP-2**

K:\2022\260-269\22-267 - Costco - Chula Vista (#0781) - CA - Hearing Center Remodel\267MP-2.dwg, 1/23/2023 2:19:50 PM, Tleitch



**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
GF	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:**

- 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.
- MOUNT RECEPTACLE INSIDE CABINET FOR CASH REGISTER, PROVIDE GROUND WIRES.
- RECEPTACLE FOR BOOTH AND LIGHTING & OUTLETS, E.C. TO MAKE ALL FINAL CONNECTIONS.
- NO CONDUIT ATTACHED TO BOOTH.
- 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			3 PHASE			4 WIRE			CIRCUIT USE
	225 A CU BUS M.L.O. TOP FEED			SURFACE MOUNT			10000 A.I.C. MIN. SQ-D NOOD			
	PHASE (KVA)			BKR. NO. NO. BKR.			PHASE (KVA)			
EXISTING	A	B	C	BKR.	NO. NO.	BKR.	A	B	C	
SITE PARK LIGHTING	1.48			20/1	1	2	20/1			SPARE
SPARE		1.18		20/1	3	4	20/1			SPARE
SPARE				20/1	5	6	20/1			SPARE
SPARE				20/1	7	8	20/1	1.20		HEARING AID WH-4*
SPARE				20/1	9	10	20/1	0.50		HEARING AID BOOTH*
SPARE				20/1	11	12	20/1	0.90		HEARING AID RECEPT*
SPARE				20/1	13	14	20/1	0.80		RECEPTACLE
RECEPTACLE	0.80			20/1	15	16	20/1	0.80		RECEPTACLE
RECEPTACLE		0.80		20/1	17	18	20/1	0.80	0.80	RECEPTACLE
RECEPTACLE		0.80	0.80	20/1	19	20	20/1	0.18	0.80	RECEPTACLE
RECEPTACLE				20/1	21	22	20/1	0.80		RECEPTACLE
RECEPTACLE				20/1	23	24	20/1	0.80	0.80	RECEPTACLE
RECEPTACLE	0.80			20/1	25	26	20/1	0.80	0.80	RECEPTACLE
RECEPTACLE		0.80		20/1	27	28	20/1	0.80	0.80	RECEPTACLE
RECEPTACLE			0.80	20/1	29	30	20/1	0.80	0.80	RECEPTACLE
SPARE				20/1	31	32	20/1	0.80		RECEPTACLE
SPARE				20/1	33	34	20/1			SPARE
SPARE				20/1	35	36	30/1		1.18	AD-1
SPARE				20/1	37	38	30/1	1.18		AD-2
CU-1*				15/2	39	40	20/1	0.50		CATV AMPLIFIER
							41	42	20/1	SPARE
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			3 PHASE			5 WIRE			CIRCUIT USE
	100 A CU BUS W/100/3P MCB TOP FEED			SURFACE MOUNT			10000 A.I.C. MIN. SQ-D NOOD			
	PHASE (KVA)			BKR. NO. NO. BKR.			PHASE (KVA)			
EXISTING	A	B	C	BKR.	NO. NO.	BKR.	A	B	C	
MEMBERSHIP COUNTER	0.36			20/1	1	2	20/1	0.36		MEMBERSHIP COUNTER
MEMBERSHIP COUNTER		0.36		20/1	3	4	20/1	0.36		MEMBERSHIP COUNTER
MEMBERSHIP COUNTER			0.36	20/1	5	6	20/1	0.18		OPTICAL RECEPTACLE
SPARE				20/1	7	8	20/1	0.72		HEARING AID RECEPT*
RECEIVING COUNTER		1.08		15/1	9	10	20/1			SPARE
RTV RECEPTACLE			0.72	15/1	11	12	20/1			SPARE
FOOD SERVICE CASH REG	0.50			15/1	13	14	15/1	0.50		LABEL SYSTEM #61
FOOD SERVICE CASH REG		0.50		15/1	15	16	15/1	0.20		WEAT SCALE #50
FOOD SERVICE CASH REG		0.50	0.50	15/1	17	18	15/1	0.20	0.20	DELI PRINTER #69
FOOD SERVICE CASH REG	0.50			15/1	19	20	20/1	0.36		RECEPT - OFFICE
SPARE				20/1	21	22	20/1	0.36		RECEPT - OFFICE
RECEPT - TIRE CENTER			0.36	15/1	23	24	15/1			SPARE
RECEPT - PHARMACY				15/1	25	26	15/1			SPARE
ATM MACHINE		0.50		20/1	27	28	20/1	0.50		RECEPT, TIRE CENTER
RECEPT - PHARMACY		0.36		20/1	29	30	20/1	0.50	0.50	RECEPT, TIRE CENTER
RECEPT - PHARMACY	0.72			20/1	31	32	100/2	5.00		UPS
SPARE				15/1	33	34		5.00		
SPARE				15/1	35	36	20/1		0.54	MANAGER'S OFFICE REC.
SPARE				37	38	20/1				SPARE
SURGE PROTECTOR	0.10	0.10	0.10	20/3	39	40	15/1	0.50	0.50	OPTICAL KIOSK RECEPTACLE
							41	42	15/1	PHOTO RECEPTACLE
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.

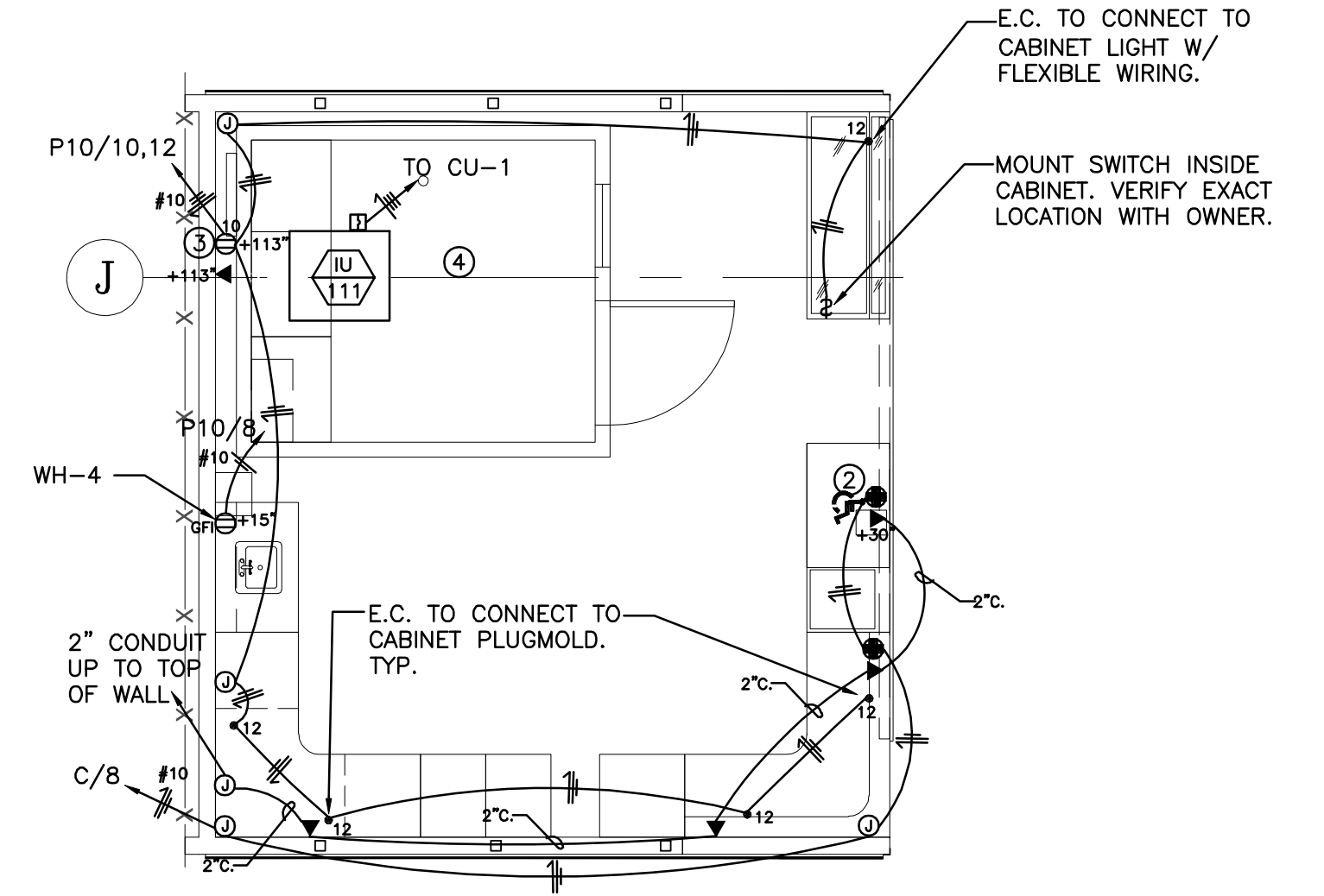
ALL EXISTING WIRING, CONDUITS, JUNCTION BOXES AND ALL OTHER ELECTRICAL EQUIPMENT AND DEVICES IN THE AREAS AFFECTED BY THE REMODEL SHALL BE REMOVED AND RELOCATED AS REQUIRED. EXTEND ALL CONDUITS AND WIRING.

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"

PARTIAL FLOOR PLAN, ENLARGED POWER PLAN, PANEL SCHEDULES, LEGEND AND NOTES  
 PROJECT NO: 22-267  
 PERMIT COMMENTS 1  
 PERMIT COMMENTS 2  
 PERMIT COMMENTS 3  
 ISSUE DATE: AUGUST 17, 2022  
 REVISION DATE: JANUARY 23, 2023  
 CHECKED: ANT/JGM/HW  
 DRAWN: ANT  
 ARCHITECT REFERENCE NO: 99-5880-20  
 ARCHITECT: T.E., Inc.  
 860 N. RIVERSIDE DRIVE  
 SUITE #200  
 RENTON, WA 98057  
 PHONE: 425-970-3763  
 FAX: 425-970-3766  
 HEARING CENTER REMODEL  
 WAREHOUSE #781  
 1130 BROADWAY  
 CHULA VISTA, CA 91911  
 COSTCO WHOLESALE  
 E-1