

### PROJECT DIRECTORY

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<b>ARCHITECT</b>	MG2 CORPORATION 1101 SECOND AVENUE SUITE 100 SEATTLE, WA 98101 T. 206.962.6500 F. 206.962.6469 PROJECT MANAGER: MARIBEL ABRICA
<b>STRUCTURAL ENGINEER</b>	ENGINEERS NORTHWEST 9725 THIRD AVE. N.E., SUITE 207 SEATTLE, WA 98115 T. 206.525.7960 F. 206.522.6988
<b>MECHANICAL, ELECTRICAL, AND PLUMBING ENGINEER</b>	T.E., INC. 830 N. RIVERSIDE DRIVE SUITE 200 RENTON, WA 98055 T. 425.970.3753 F. 425.970.3756

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### PROJECT GENERAL NOTES

**GENERAL NOTES**

- THESE GENERAL NOTES APPLY TO THE ENTIRE PROJECT AND APPLY TO ALL TRADES.
- DRAWINGS HAVE BEEN PREPARED ON AN ORIGINAL SHEET SIZE OF 30x42 INCHES.
- CONSULT DRAWINGS OTHER THAN ARCHITECTURAL DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.
- 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.
- THE CONTRACTOR SHALL VERIFY THE SIZE AND LOCATION OF ALL EXISTING UNDERGROUND AND ABOVE GROUND UTILITIES. VERIFY ALL INVERT ELEVATIONS AT POINTS OF CONNECTIONS OF NEW WORK PRIOR TO STARTING ANY WORK.
  - EXISTING UTILITIES SHOWN HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE ONLY.
  - IF NECESSARY TO COMPLETE THE WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY ADDITIONAL UTILITY LOCATIONS AND SIZES NOT SHOWN.
- 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 AT LEAST DISRUPTIVE AS POSSIBLE TO THE OWNER'S OPERATIONS.
- DO NOT SCALE THE DRAWINGS TO OBTAIN DIMENSIONS. WRITTEN DIMENSIONS GOVERN. USE ACTUAL FIELD MEASUREMENTS.
- DIMENSIONS ARE TO/FROM THE:
  - CENTERLINE OF INTERIOR COLUMNS.
  - GRID LINES ADJACENT TO THE EXTERIOR WALL (FACE OF THE COLUMN CLOSEST TO THE EXTERIOR WALL IS THE GRID LINE).
  - EDGE OR CENTERLINE OF OPENINGS AS INDICATED.
  - FACE OF STUDS.
  - FACE OF CONCRETE OR MASONRY (NOMINAL).
  - ALL HEIGHTS ARE DIMENSIONED FROM THE TOP OF THE SLAB (ALSO NOTED AS FINISHED FLOOR OR INDICATED BY THE "DATUM" SYMBOL) UNLESS NOTED OTHERWISE.
  - ALL DIMENSIONS NOTED "CLEAR" SHALL BE MAINTAINED AND SHALL ALLOW FOR THE THICKNESS OF ALL FINISHES INCLUDING CARPETING, TILE, WAINSCOT AND TRIM.
  - 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.
- VERIFY 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.
- VERIFY ALL ROUGH-IN DIMENSIONS FOR EQUIPMENT FURNISHED AND/OR INSTALLED BY THE CONTRACTOR, SUBCONTRACTORS, OWNER OR OTHERS.
- THE CONTRACTOR SHALL CONSULT DRAWINGS OF ALL TRADES FOR OPENINGS THROUGH SLABS, WALLS, CEILING AND ROOFS FOR DUCTS, PIPES, CONDUIT, CABINETS, EQUIPMENT, ETC. AND SHALL VERIFY THE SIZES AND LOCATIONS WITH SUBCONTRACTORS.
- PLACE NO OBSTRUCTIONS, INCLUDING MANS, 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 SLOTTED JOISTS.
- ALL CONDUITS, PIPING, ETC. SHALL RUN PARALLEL OR PERPENDICULAR TO WALLS; DO NOT RUN AT AN ANGLE TO THE WALLS.
- IN ROOMS OR SPACES SCHEDULED TO RECEIVE WALL AND/OR CEILING FINISHES, DO NOT RUN EXPOSED CONDUITS, PIPING, ETC. ON WALLS OR CEILING.
- ALL WORK IS TO BE PLUMB, LEVEL, TRUE TO LINE, AND STRAIGHT.
- ALL JOINTS ARE TO BE TIGHT, STRAIGHT, EVEN, AND SMOOTH.
- ALL MATERIAL IS NEW UNLESS NOTED OTHERWISE.
- PROVIDE ALL FASTENERS AND CONNECTIONS (WHETHER INDICATED OR NOT) NECESSARY TO ASSEMBLE THE WORK.
- PROVIDE SOLID BLOCKING/BACKING FOR ALL WALL MOUNTED FIXTURES AND EQUIPMENT INCLUDING, BUT NOT LIMITED TO, SINKS, WALL BRACKETS AND WALL-HUNG ITEMS.
- PREPARE SURFACE AND REMOVE SURFACE FINISHES TO PROVIDE FOR PROPER INSTALLATION ON NEW WORK AND FINISHES. COMPLY WITH MANUFACTURER'S INSTALLATION REQUIREMENTS.
- REPAIR, PATCH, OR REPLACE PORTIONS OF WORK THAT ARE DAMAGED, LIFTED, DISCOLORED, OR SHOWING OTHER IMPERFECTIONS.
- PENETRATIONS OF RATED ASSEMBLIES SHALL BE SEALED WITH AN APPROVED MATERIAL AS APPROVED BY THE JURISDICTION.
- CONSTRUCTION ACTIVITIES SHALL NOT AFFECT THE OWNER'S OPERATIONS. LOUD ACTIVITIES (JACK-HAMMERS, 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.
- 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.
- 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.
- SEALANT AND BACKER ROD ALL AROUND EXTERIOR WALL PENETRATIONS (CONDUITS, FIXTURES, ETC.) AND OPENINGS (DOOR FRAMES, WINDOWS, ETC.).
- 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.

### SCOPE OF WORK

DEMOLISH EXISTING LOCKER ROOM WALLS, CASEWORK AND EQUIPMENT. REMODEL EXISTING LOCKER ROOM AND CONSTRUCT NEW LOCKER ROOM MEZZANINE WALLS, STAIRS, CASEWORK, AND EQUIPMENT. REMODEL EXISTING MPU (MERCHANDISE PICK UP) ROOM. WORK TO INCLUDE DEMO EXISTING FENCING AND CONSTRUCT NEW WALL, AND DOOR. WORK TO INCLUDE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL.

EXISTING LOCKER ROOM:	829 SQ. FT.
PROPOSED LOCKER ROOM MEZZANINE ADD:	828 SQ. FT.
EXISTING MPU (MERCHANDISE PICK UP):	345 SQ. FT.
<b>TOTAL:</b>	<b>2,002 SQ. S.F.</b>

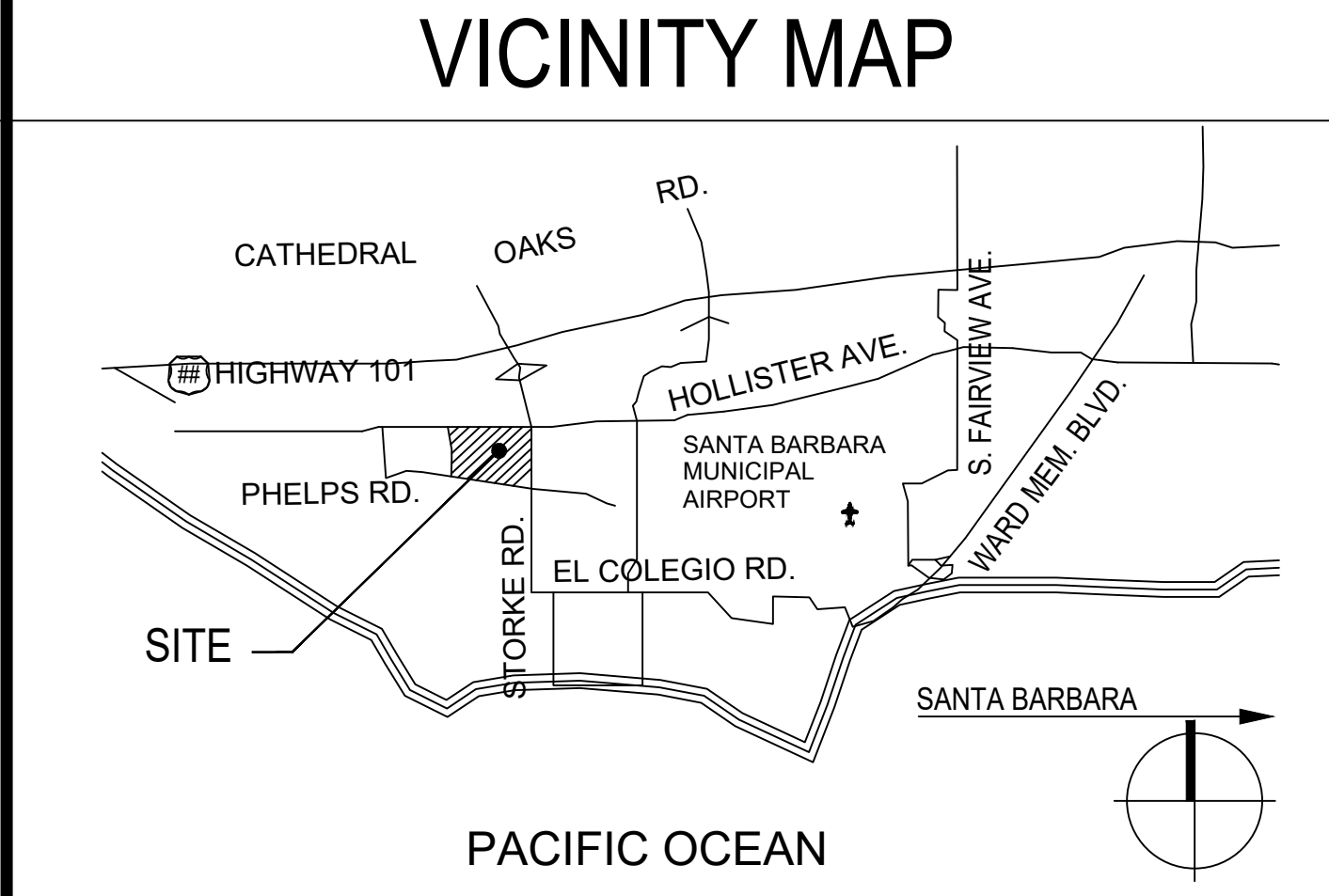
### PROJECT DATA

<b>PROJECT ADDRESS:</b>	7095 MARKET PLACE DR. GOLETA, CA 93117
<b>ZONING:</b>	COMMERCIAL
<b>SITE AREA:</b>	13.86 ACRES ( 603,902S. F. )
<b>JURISDICTION:</b>	SANTA BARBARA COUNTY
<b>SETBACKS:</b>	60'-0"
<b>EXIST. BUILDING DATA:</b>	
BUILDING AREA	131,531 S.F.
TIRE CENTER	5,378 S.F.
FOOD SERVICE	1,159 S.F.
<b>TOTAL BUILDING</b>	<b>138,068 S.F.</b>
<b>EXISTING PARKING PROVIDED: (UNCHANGED)</b>	
10' WIDE STALLS	428 STALLS
9' WIDE STALLS	292 STALLS
ACCESSIBLE STALLS	15 (3 VAN) STALLS
<b>TOTAL EXISTING PARKING</b>	<b>738 STALLS</b>
NO. OF STALLS PER 1000 S.F. OF BUILDING AREA:	5.41 STALLS
PARKING NEEDED TO MAINTAIN 5.0 / 1000 S.F.:	688 STALLS

NOTES: EXISTING CONDITIONS TO BE FIELD VERIFIED.

### DEFERRED SUBMITTALS

PLANS FOR FIRE SPRINKLER, FIRE ALARM, AND FIRE MONITORING SHALL BE SUBMITTED SEPARATELY



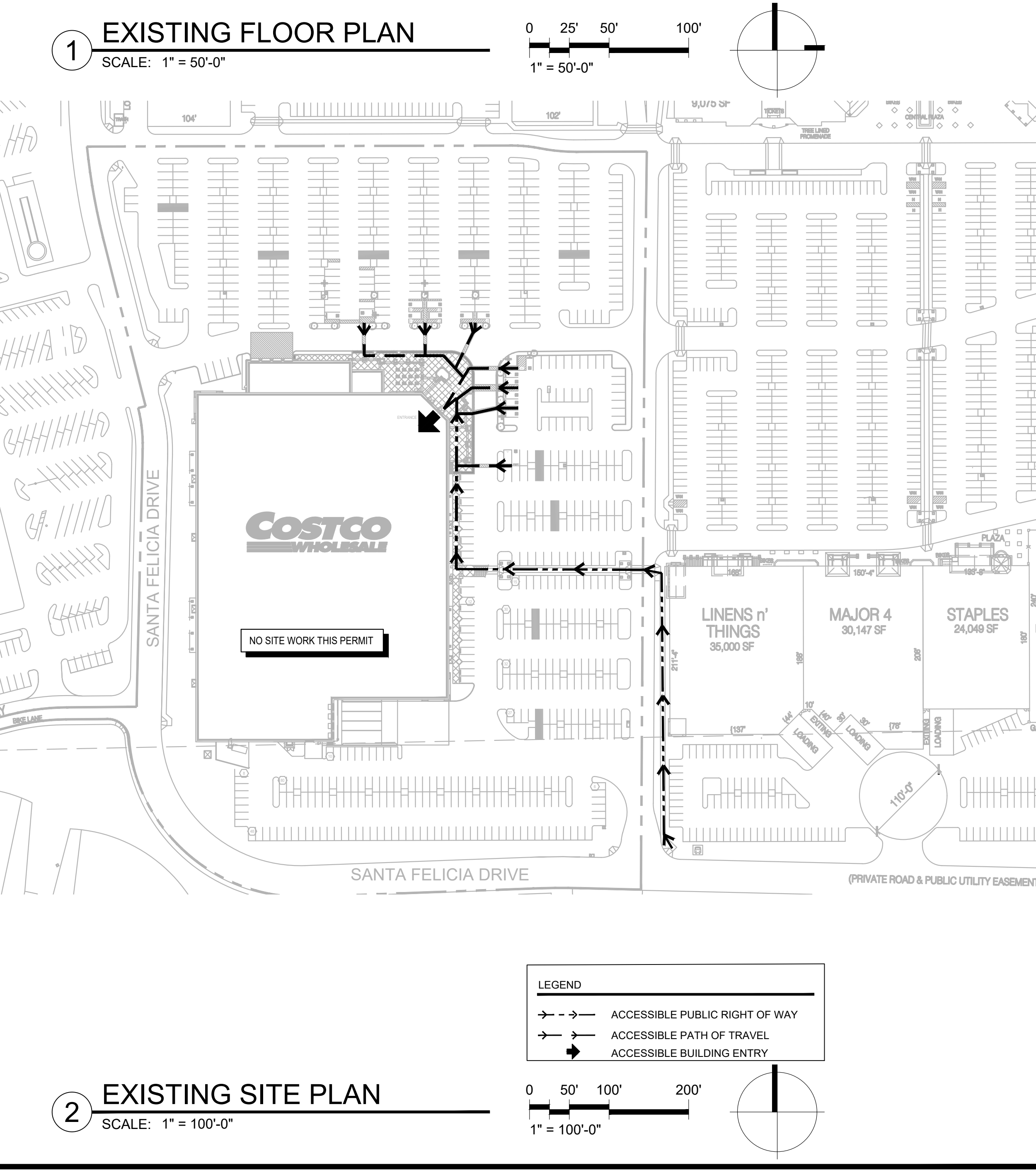
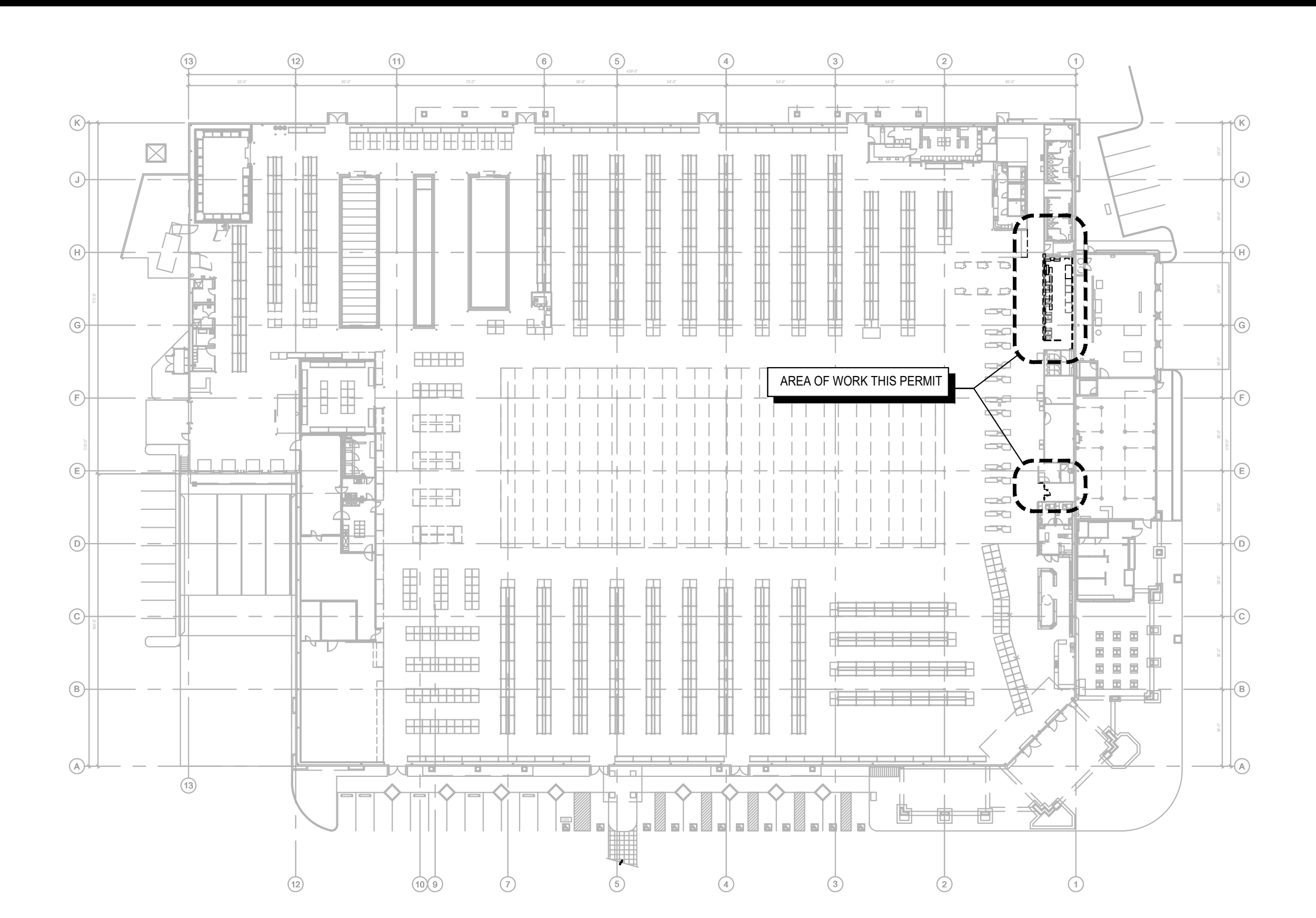
### ARCHITECTURAL SYMBOLS

<b>SYMBOLS</b>	<b>DETAIL</b>	<b>WALL SECTION</b>	<b>INTERIOR ELEVATION</b>
ITEM SIO OR NIC	NEW CONSTRUCTION - SHOWN SOLID	EXISTING CONSTRUCTION TO REMAIN - SHOWN LIGHT BACKGROUND	EXISTING CONSTRUCTION TO BE REMOVED - SHOWN DASHED
ITEM SOIC OR SIC			
<b>WALL TYPES</b>	<b>MATERIALS</b>		
3/8" METAL STUDS UNO AT 16" OC WITH GWB - PAINTED EACH FACE UNO PER SCHEDULE	ACOUSTICAL TILE		
METAL INSULATED PANELS	STEEL		
FREZER / COOLER WALLS (SIO)	WOOD BLOCKING		
	WOOD MEMBER		

### ARCHITECTURAL ABBREVIATIONS

FOR ADDITIONAL ABBREVIATIONS: SEE OTHER DESIGN DISCIPLINES AND A601

AFF	ABOVE FINISHED FLOOR (SLAB)	RCF	REFLECTED CEILING PLAN
BFF	BELOW FINISHED FLOOR (SLAB)	RD	ROOF DRAIN
BOT	BOTTOM	RL	RAIN LEADER
CL	CENTERLINE	REFRIG	REFRIGERATION
CLR	CLEAR	SIV	SUPPLIED AND INSTALLED BY OWNER
CLG	CEILING	SVV	SUPPLIED AND INSTALLED BY VENDOR
CMU	CONCRETE MASONRY UNIT	SOIC	SUPPLIED BY OWNER INSTALLED BY CONTRACTOR
COL	COLUMN	SOIV	SUPPLIED BY OWNER INSTALLED BY VENDOR
CONC	CONCRETE	SQ	SQUARE
EA	EACH	SS	SERVICE SINK, SANITARY SEWER
ELEV	ELEVATION	SS	STAINLESS STEEL
EQ	EQUAL	STD	STANDARD
EXT	EXTERIOR	STL	STEEL
FF	FACTORY FINISH	STRUC	STRUCTURE, STRUCTURAL
FRPP	FIBER REINFORCED PLASTIC PANEL(S)	TJ	TOP OF JOIST
FRT	FIRE RETARDANT TREATED	TOM	TOP OF MASONRY
FTOF	FINISH TO FINISH FACE	TOP	TOP OF PARAPET
GC	GENERAL CONTRACTOR	TOS	TOP OF STEEL
GWB	GYP/SUM WALLBOARD, GYP/SUM	TOW	TOP OF WALL
HORIZ	HORIZONTAL	T&B	TOP AND BOTTOM
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	TYP	TYPICAL
IBC	INTERNATIONAL BUILDING CODE	UNO	UNLESS NOTED OTHERWISE
NTS	NOT TO SCALE	VERT	VERTICAL
OC	ON CENTER	VF	VERIFY IN FIELD
O TO O	OUT TO OUT	WI	WITH
PERP	PERPENDICULAR	W/O	WITHOUT
PLYWD	PLYWOOD	WD	WOOD
R	RADIUS		



NATHAN D. MENARD, ARCHITECT

12/09/2022

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DATE	DESCRIPTION
12.08.22	PERMIT ISSUE

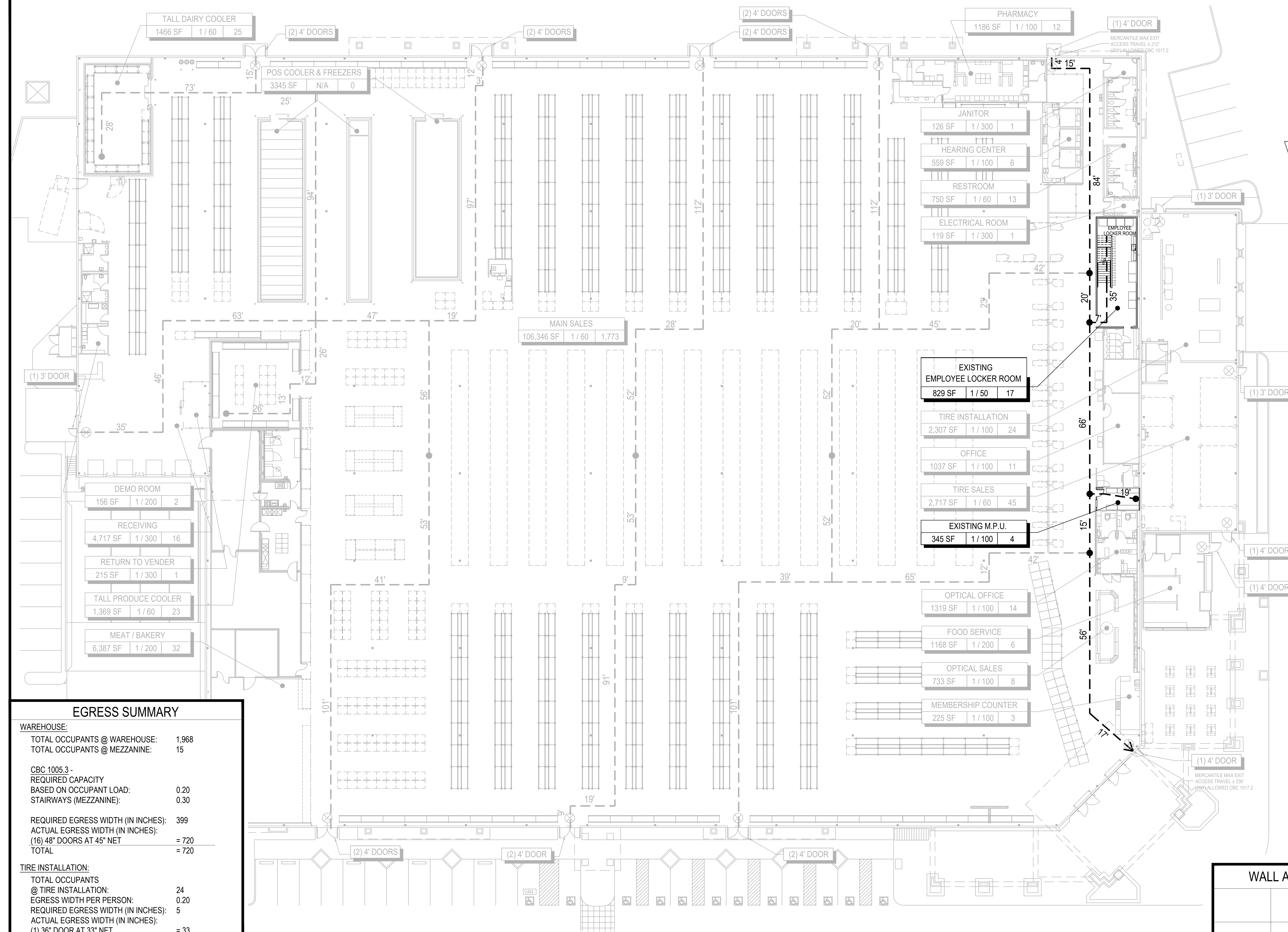
94-1820-28  
PM: MARIBEL ABRICA  
DRAWN: DH, AI

**TITLE SHEET**

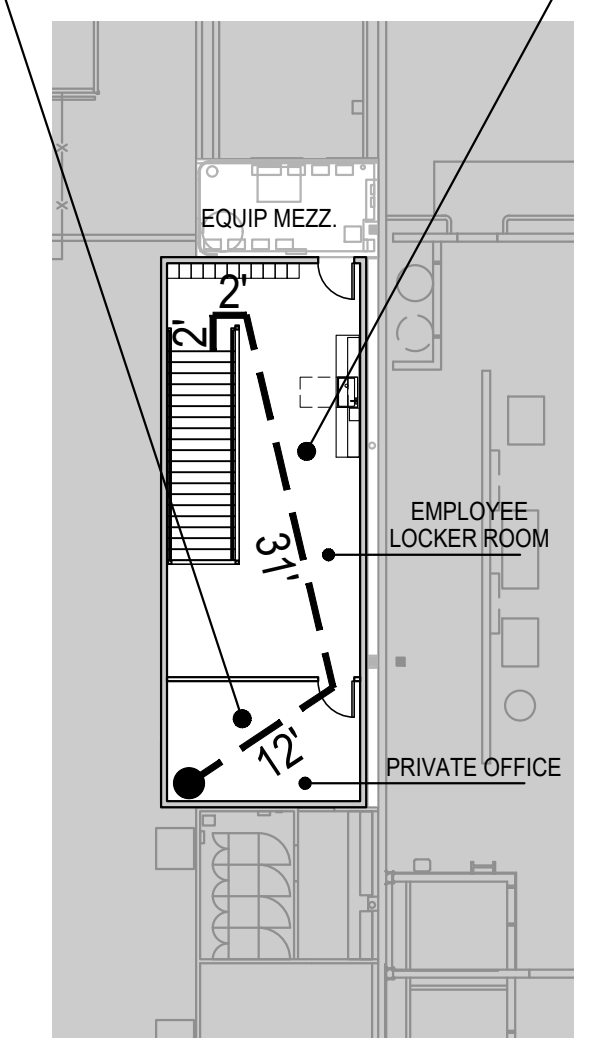
**TS101**

PLOTTED BY: AHMED ISLAVOGULLU DATE/TIME: 12/27/2022 2:40 PM FILE: \\NVR02\PROJECTS\COSTCO\94-1820-28\GOLETA LOCKER RM MEZZ 07\_CAD\03\_CONSTR\DCS\94182028-TS101.DWG

PLOTTED BY: AHMED ISLAMOGLU DATE/TIME: 12/22/2022 2:41 PM FILE: \\WV02\PROJECTS\COSTCO\494-1802-38 GOLETA LOCKER RM MEZ207 CAD\03 CONSTRUCTION\494-1802-38 GOLETA LOCKER RM MEZ207.DWG



PRIVATE OFFICE	196 SF	1 / 100	2
EMPLOYEE LOCKER RM 2	632 SF	1 / 50	13



**PROPOSED MEZZANINE PLAN**  
SCALE: 1/16" = 1'-0"

**EGRESS SUMMARY**

**WAREHOUSE:**

TOTAL OCCUPANTS @ WAREHOUSE:	1,968
TOTAL OCCUPANTS @ MEZZANINE:	15

**CBC 1005.3 - REQUIRED CAPACITY BASED ON OCCUPANT LOAD: STAIRWAYS (MEZZANINE):**

REQUIRED CAPACITY	0.20
STAIRWAYS (MEZZANINE)	0.30

**REQUIRED EGRESS WIDTH (IN INCHES):**

ACTUAL EGRESS WIDTH (IN INCHES):	399
(16) 48" DOORS AT 45° NET	= 720
TOTAL	= 720

**TIRE INSTALLATION:**

TOTAL OCCUPANTS @ TIRE INSTALLATION:	24
EGRESS WIDTH PER PERSON:	0.20
REQUIRED EGRESS WIDTH (IN INCHES):	5
ACTUAL EGRESS WIDTH (IN INCHES):	33
(1) 36" DOOR AT 33° NET	= 33
TOTAL	= 33

**TIRE SALES:**

TOTAL OCCUPANTS - TIRE SALES:	45
EGRESS WIDTH PER PERSON:	0.20
REQUIRED EGRESS WIDTH (IN INCHES):	9
ACTUAL EGRESS WIDTH (IN INCHES):	33
(1) 36" DOOR AT 33° NET	= 33
(1) 48" DOOR AT 45° NET	= 45
TOTAL	= 78

**FOOD SERVICE:**

TOTAL OCCUPANTS - FOOD SERVICE:	6
EGRESS WIDTH PER PERSON:	0.20
REQUIRED EGRESS WIDTH (IN INCHES):	2
ACTUAL EGRESS WIDTH (IN INCHES):	45
(1) 48" DOOR AT 45° NET	= 45
TOTAL	= 45

**FIRE DEPT ROOM:**

TOTAL OCCUPANTS - FIRE DEPT ROOM:	
EGRESS WIDTH PER PERSON:	0.20
REQUIRED EGRESS WIDTH (IN INCHES):	1
ACTUAL EGRESS WIDTH (IN INCHES):	66
(2) 36" DOORS AT 33° NET	= 66
TOTAL	= 66

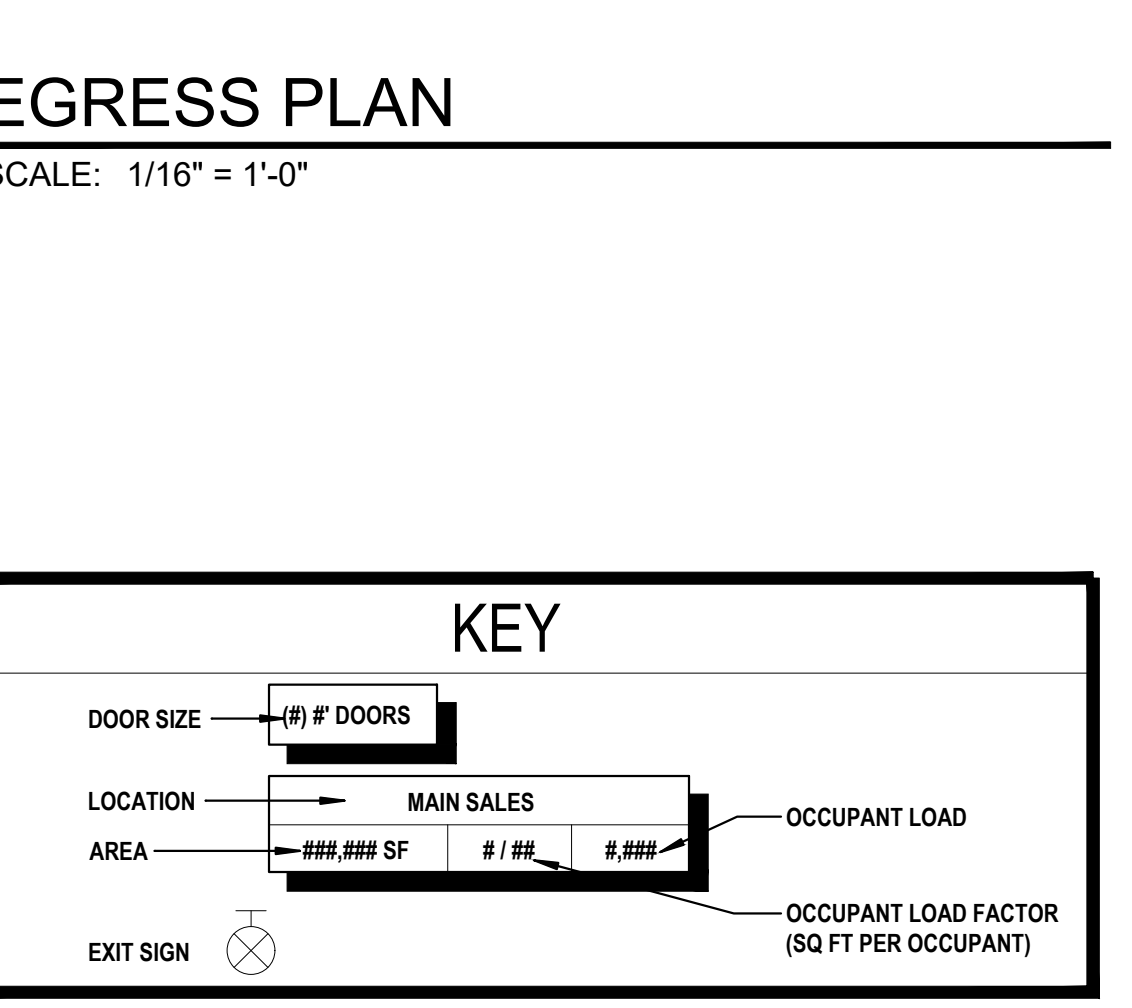
**MECHANICAL ROOM:**

TOTAL OCCUPANTS - MECHANICAL ROOM:	
EGRESS WIDTH PER PERSON:	0.20
REQUIRED EGRESS WIDTH (IN INCHES):	2
ACTUAL EGRESS WIDTH (IN INCHES):	90
(2) 48" DOORS AT 45° NET	= 90
TOTAL	= 90

**MEZZANINE EGRESS CAPACITY:**

TOTAL OCCUPANTS @ EMPLOYEE LOCKER ROOM MEZZANINE:	15
CBC 1005.3 - MEANS OF EGRESS CAPACITY FACTOR:	0.3
REQUIRED STAIR WIDTH:	4 1/2"
MINIMUM STAIR WIDTH SERVING OCCUPANT LOAD OF 50 OR LESS:	36"
PROVIDED STAIR WIDTH:	60"

- FIRE EXTINGUISHER NOTES:**
- LOCATE FIRE EXTINGUISHERS (SOIC) AS DIRECTED BY FIRE MARSHAL
  - FIRE MARSHAL SHALL DETERMINE SIZE AND TYPE OF EXTINGUISHERS
  - IN GENERAL, PROVIDE:
    - A. ONE 2A: 10 BC FIRE EXTINGUISHER PER 3,000 SQ FT AREA WITHIN 75-FOOT MAXIMUM TRAVEL DISTANCE
    - B. CLASS K FIRE EXTINGUISHER WITHIN 30 FEET OF COMMERCIAL FOOD HEAT-PROCESSING EQUIPMENT
    - C. COMPLY WITH NFPA 10
  - WALL OR POST-MOUNTED FIRE EXTINGUISHERS MUST BE MOUNTED WITHIN 27" FROM FINISH FLOOR TO AVOID PROTRUSION INTO ACCESSIBLE PATH

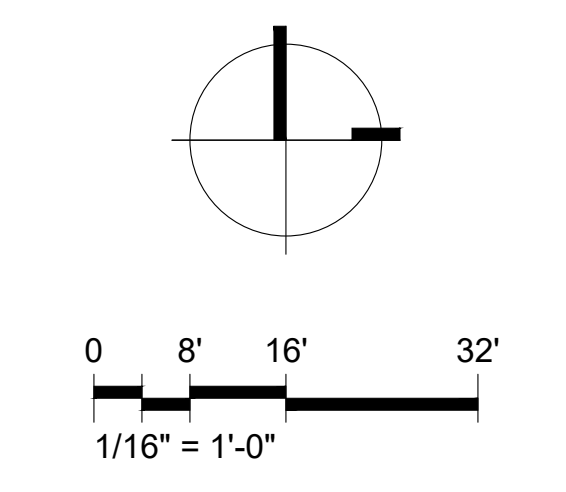


**WALL AND CEILING ANALYSIS**

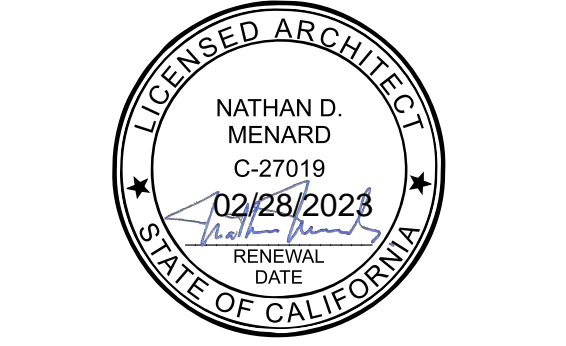
	FINISHES	FLAME SPREAD INDEX	SMOKE DEVELOPED INDEX
WALLS	VINYL BASE	<200	355
	CMU	NC	NC
	GYPSON BOARD	15-20	0
	CERAMIC BOARD	NC	NC
	ACRYLIC PAINTS	10	0
	FRP PANELS	<200	<450
CEILINGS	FRT PLYWOOD	<25	25-130
	ACOUSTICAL TILES	20-25	5-10
	GYPSON BOARD	15-20	0
	uPVC LINEAR STRIPS	<25	<450
	STEEL DECK	NC	NC
	STEEL JOIST	NC	NC
OTHER	EPOXY PAINTS	15	20
	ACRYLIC PAINTS	10	0
	THERMAL INSULATION	10	10
	SOUND INSULATION	10	10

NOTE: NC = NON-COMBUSTIBLE

CLASS - B	26-75	0-450
CLASS - C	76-200	0-450



NATHAN D. MENARD, ARCHITECT



12/09/2022

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DATE	DESCRIPTION
12.08.22	PERMIT ISSUE

94-1820-28  
PM: MARIBEL ABRICA  
DRAWN: AI

**EGRESS PLAN AND CODE DATA**

**G101**







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



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



LOCKER ROOM  
MEZZANINE

Y	N/A	RESPON. PARTY	Y	N/A	RESPON. PARTY	Y	N/A	RESPON. PARTY	Y	N/A	RESPON. PARTY
		5.303.3.4 Faucets and fountains.									
		5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.									
		5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.									
		5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 [fm space (inches) at 60 psi].									
		5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.									
		5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [fm space (inches) at 60 psi].									
		Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.									
		5.303.4 COMMERCIAL KITCHEN EQUIPMENT.									
		5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.									
		Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.									
		5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.									
		5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code.									
		SECTION 5.304 OUTDOOR WATER USE									
		5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.									
		Note:									
		1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2.									
		2. MWELO and supporting documents, including a water budget calculator, are available at: <a href="https://www.water.ca.gov/">https://www.water.ca.gov/</a> .									
		5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.									
		Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.									
		5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape area equal to or greater than 500 square feet.									
		5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.									
		DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY									
		SECTION 5.401 GENERAL									
		5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting.									
		SECTION 5.402 DEFINITIONS									
		5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)									
		ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.									
		BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.									
		BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.									
		ORGANIC WASTE. Food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food soiled paper waste that is mixed with food waste.									
		TEST. A procedure to determine quantitative performance of a system or equipment									
		SECTION 5.403 WATER RESISTANCE AND MOISTURE MANAGEMENT									
		5.403.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.									
		5.403.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.									
		5.403.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.									
		5.403.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:									
		5.403.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:									
		1. An installed awning at least 4 feet in depth.									
		2. The door is protected by a roof overhang at least 4 feet in depth.									
		3. The door is recessed at least 4 feet.									
		4. Other methods which provide equivalent protection.									
		5.403.2.2.2 Flashing. Install flashings integrated with a drainage plane.									
		SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING									
		5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.									
		5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:									
		1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.									
		2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).									
		3. Identifies diversion facilities where construction and demolition waste material collected will be taken.									
		4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.									
		5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.									
		Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.									
		Exceptions to Sections 5.408.1.1 and 5.408.1.2:									
		1. Excavated soil and land-clearing debris.									
		2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.									
		3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.									
		5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement as approved by the enforcing agency.									
		5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.									
		Note:									
		1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at <a href="http://www.bsc.ca.gov/Home/CALGreen.aspx">www.bsc.ca.gov/Home/CALGreen.aspx</a> may be used to assist in documenting compliance with the waste management plan.									
		2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).									
		5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping provisions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfill. A list of prohibited Universal Waste materials shall be included in the construction documents.									
		Note: Refer to the Universal Waste Rule link at: <a href="http://www.dtsc.ca.gov/LawsRegsPolicies/Regs/upload/OEAR-A_REGS_UWR_FinalText.pdf">http://www.dtsc.ca.gov/LawsRegsPolicies/Regs/upload/OEAR-A_REGS_UWR_FinalText.pdf</a>									
		5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.									
		Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.									
		Note:									
		1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material.									
		2. For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. ( <a href="http://www.cdffa.ca.gov/">www.cdffa.ca.gov</a> )									
		SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS									
		5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.									
		Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) of seq. shall also be exempt from the organic waste portion of this section.									
		5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.									
		Exception: Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.									
		5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the Public Resources Code. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).									
		Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.									
		5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over. For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated by the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.									
		Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b) for additional testing requirements of specific systems.									
		5.410.2.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following:									
		1. System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces).									
		2. Review and demonstration of servicing/preventive maintenance.									
		3. Review of the information in the Systems Manual.									
		4. Review of the record drawings on the system/equipment.									
		5.410.2.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following:									
		1. System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces).									
		2. Review and demonstration of servicing/preventive maintenance.									
		3. Review of the information in the Systems Manual.									
		4. Review of the record drawings on the system/equipment.									
		5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.									
		5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.									
		5.410.4.2 (Reserved)									
		Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b) for additional testing requirements of specific systems.									
		5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:									
		1. Renewable energy systems.									
		2. Landscape irrigation systems.									
		3. Water reuse systems.									
		5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.									
		5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards, the National Environmental Balancing Bureau Procedural Standards, Associated Air Balance Council National Standards or as approved by the enforcing agency.									
		5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.									
		5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or representative with detailed operation and maintenance instructions and copies of guarantees/warranties for each system. O & M instructions shall be consistent with OSHA requirements in 29 CFR, Title 8, Section 5142, and other related regulations.									
		5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency.									
		DIVISION 5.5 ENVIRONMENTAL QUALITY									
		SECTION 5.501 GENERAL									
		5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors.									
		SECTION 5.502 DEFINITIONS									
		5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)									
		ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route.									
		A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting adjustments have been made.									
		1 BTU/ HOUR. British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu, the amount of heat required to melt a ton (2,000 pounds) of ice at 32° Fahrenheit.									
		COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.									
		COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I-joists or finger-jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).									
		Note: See CCR, Title									



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

Y N/A RESPON PARTY  
X N/A RESPON PARTY  
Y N/A RESPON PARTY  
Y N/A RESPON PARTY



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**LOCKER ROOM MEZZANINE**

Table with 2 columns: Y, N/A, RESPON PARTY. Row 1: Y, N/A, RESPON PARTY. Row 2: X, 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 SCAQMD 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<sup>1,2</sup>

Table with 2 columns: ARCHITECTURAL APPLICATIONS, CURRENT VOC LIMIT. Lists various adhesive types and their corresponding VOC limits.

- 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/CURHTML/AR1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT

Table with 2 columns: SEALANTS, CURRENT VOC LIMIT. Lists sealant types and their VOC limits.

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 PWMIR 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 (c)(3) 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<sup>1,2</sup>

Table with 2 columns: COATING CATEGORY, CURRENT VOC LIMIT. Lists various coating types and their VOC limits.

- 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 CDPH Standard Method V1.1 or Specification 01350).
3. NSF/ANSI 140 at the Gold level or higher;
4. Scientific Certifications Systems Sustainable Choice; or
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 636 3S standards.
5. Other methods acceptable to the enforcing agency.

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS:

Table with 2 columns: PRODUCT, CURRENT LIMIT. Lists various wood products and their formaldehyde limits.

- 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 1335. 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 (CO<sub>2</sub>) MONITORING. For buildings or additions equipped with demand control ventilation, CO<sub>2</sub> 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 ACOUSTICAL 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: [DSA-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 not 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. L<sub>eq</sub> or C<sub>nel</sub> for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICLIZ) plan.
2. L<sub>eq</sub> or C<sub>nel</sub> 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 L<sub>eq</sub> 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 L<sub>eq</sub> 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-1hr) 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.

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

## SECTION 5.508 OUTDOOR AIR QUALITY

- 5.508.1 Ozone depletion and greenhouse gas reduction. 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 (CO<sub>2</sub>), and potentially other refrigerants.

- 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 mills.

- 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 multilayer 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 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.

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.

- 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).

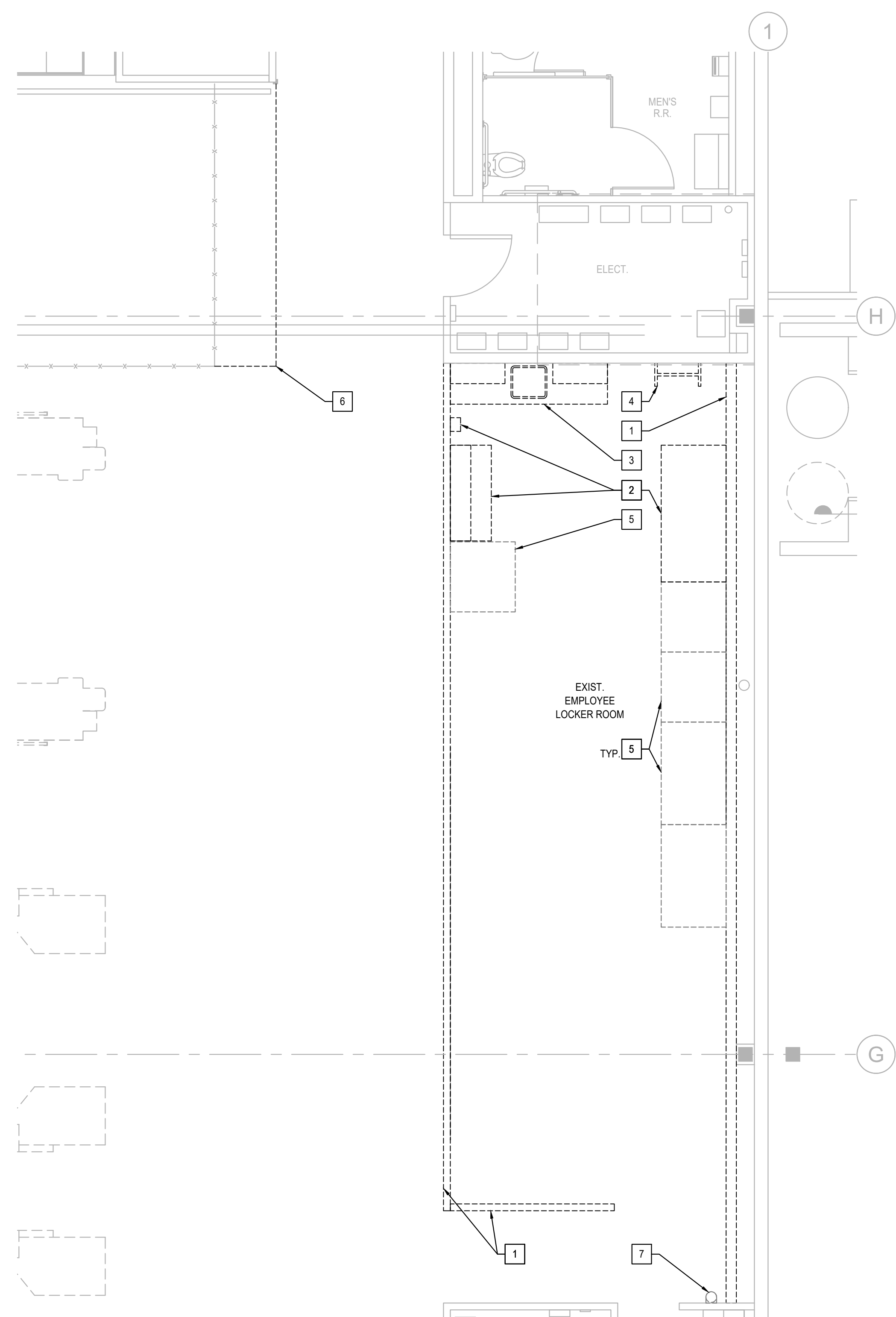
[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the 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.

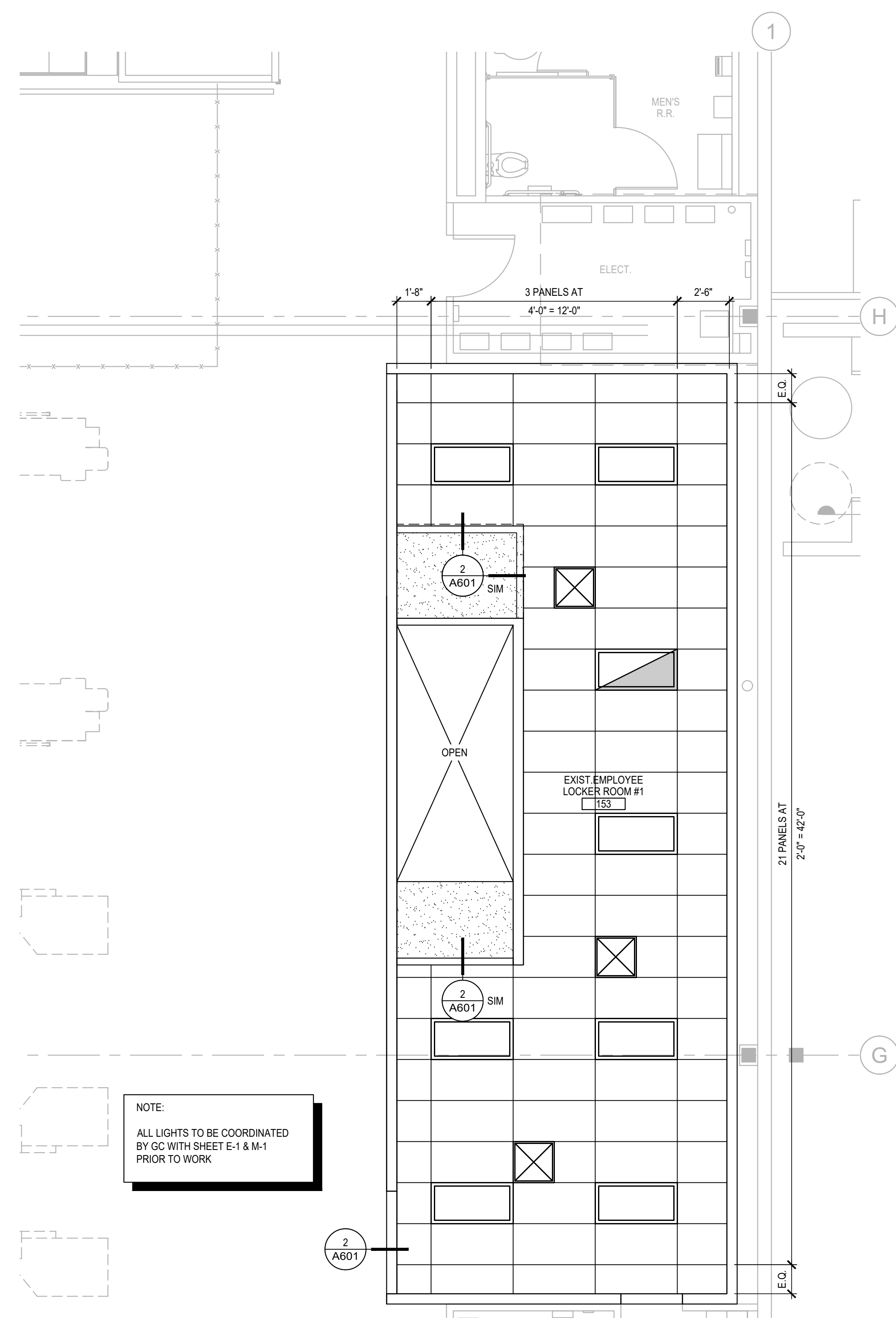
### 703 VERIFICATIONS

- 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.

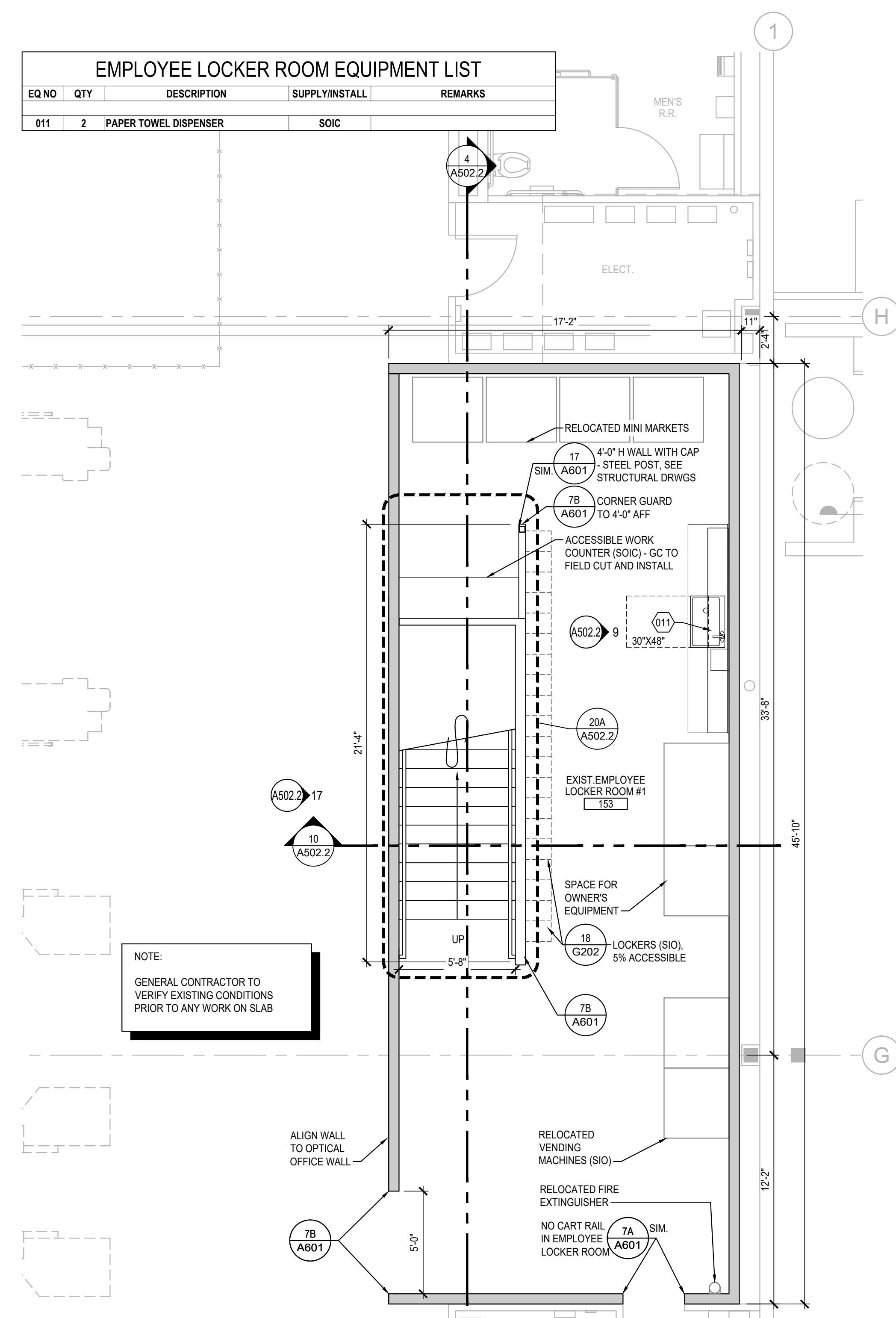




**6 ENLARGED DEMOLITION FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

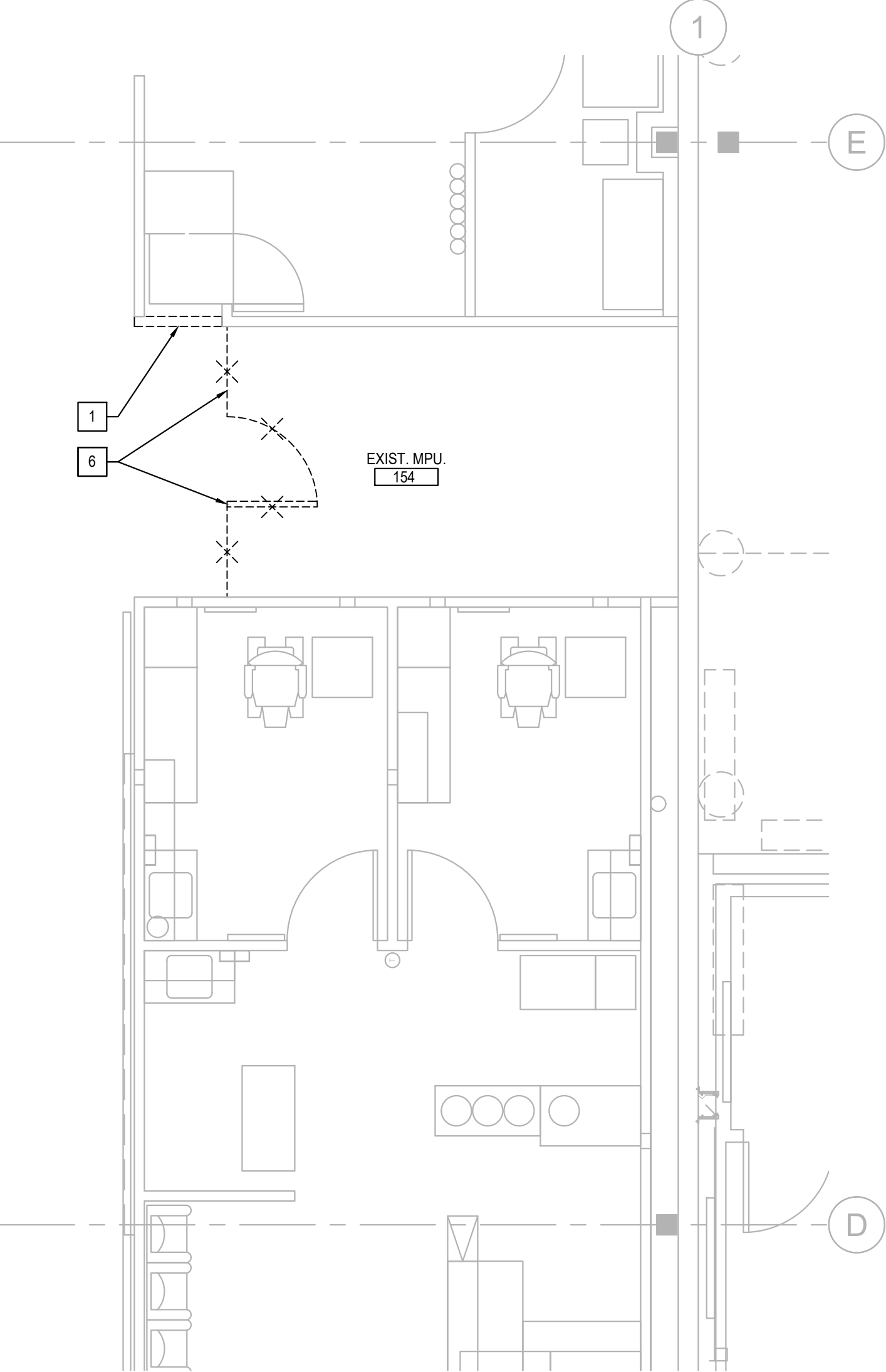


**7 ENLARGED REFLECTED CEILING PLAN**  
SCALE: 1/4" = 1'-0"

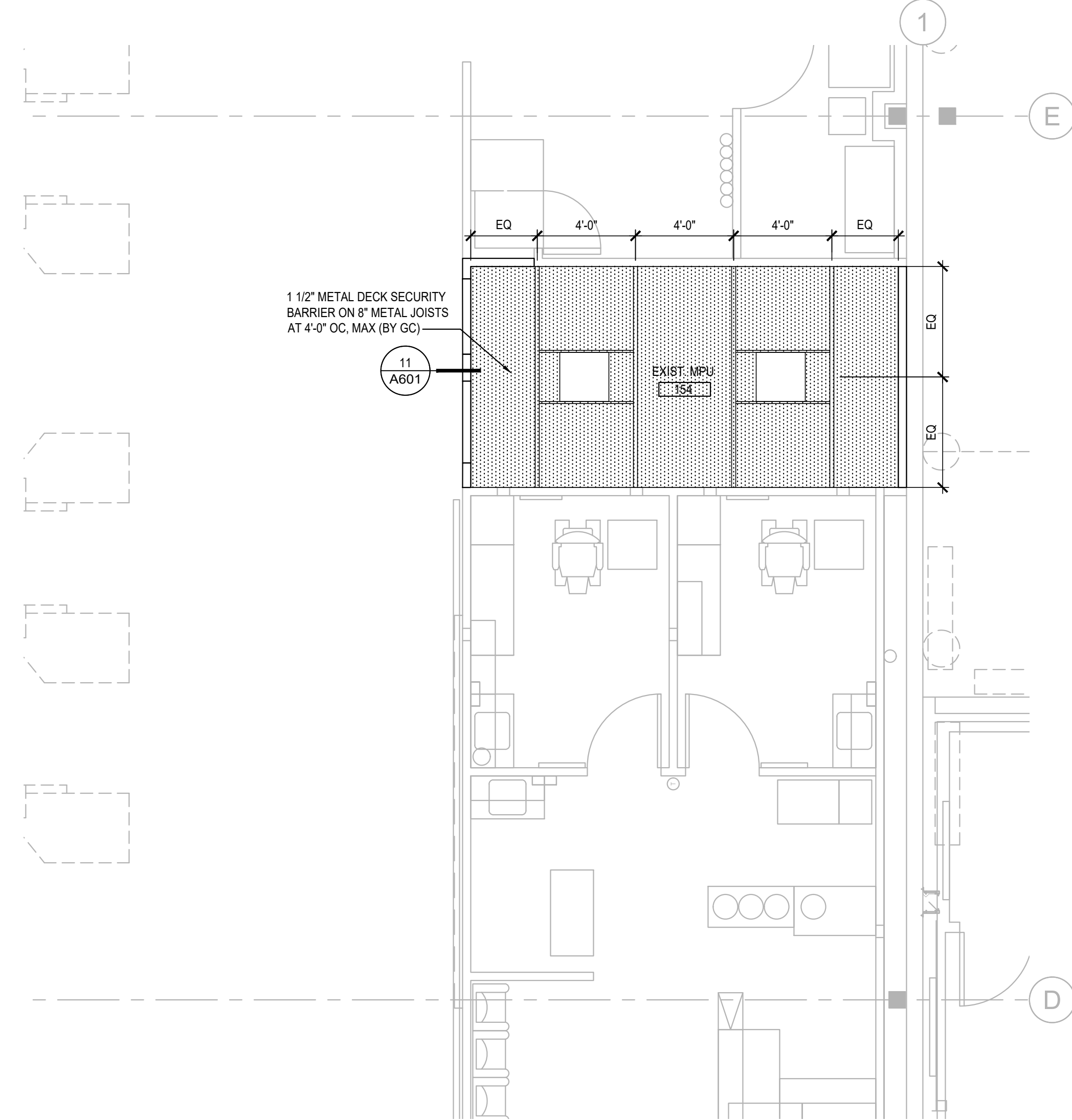


**9 ENLARGED LEVEL 1 FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

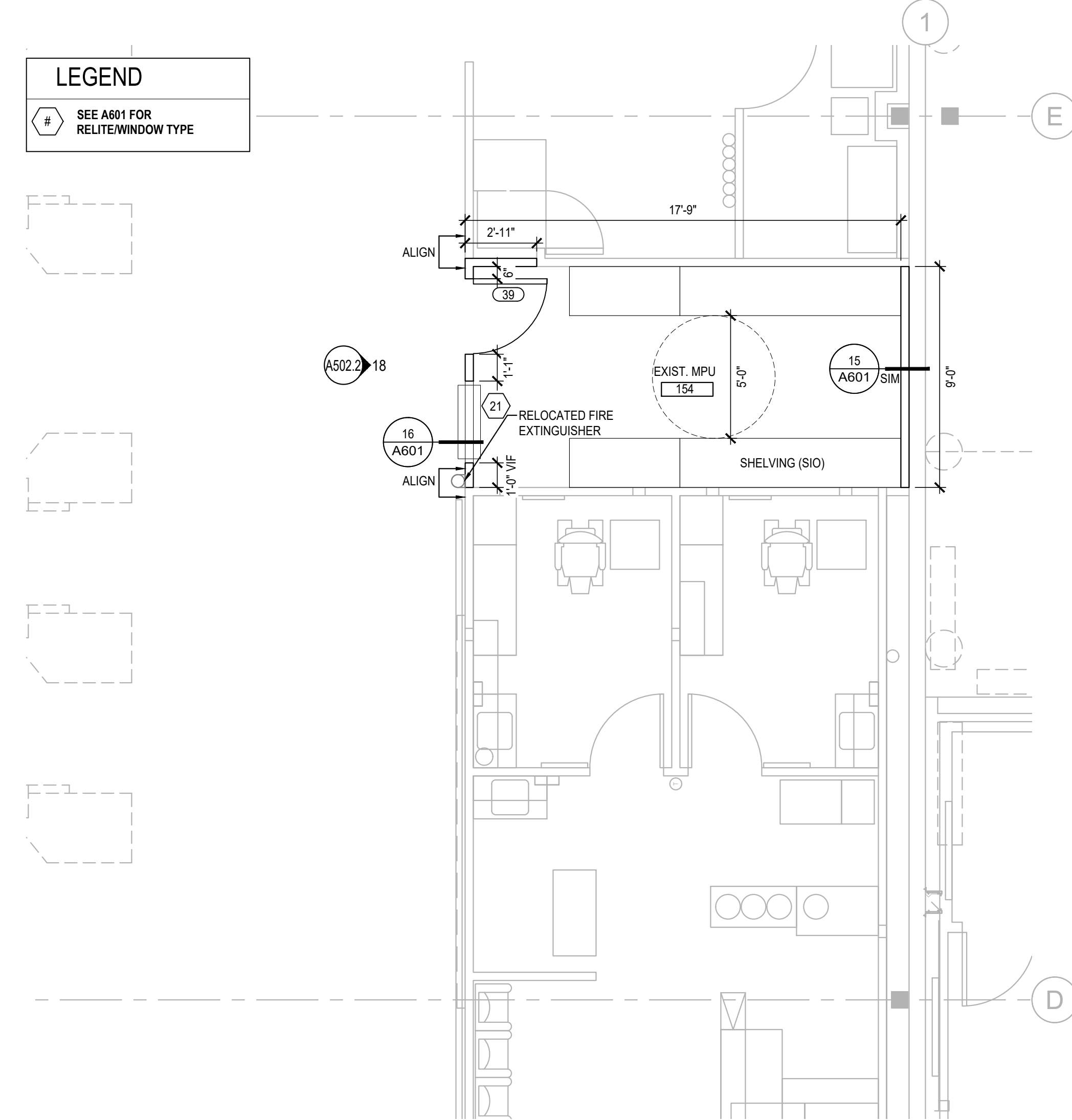
- DEMOLITION KEY NOTES**
- REMOVE EXISTING WALL AND ALL RELATED ELECTRICAL / DATA. CAP-OFF ALL RELATED PLUMBING. PATCH AND REPAIR AS NEEDED.
  - REMOVE EXISTING EQUIPMENT. PATCH AND REPAIR AS NEEDED.
  - REMOVE EXISTING SINK AND CASEWORK. CAP-OFF ALL RELATED PLUMBING. PATCH AND REPAIR AS NEEDED.
  - REMOVE EXISTING MEZZANINE EQUIPMENT PLATFORM ACCESS LADDER.
  - RELOCATE EXISTING EQUIPMENT. PATCH AND REPAIR AS NEEDED.
  - REMOVE EXISTING FENCING AND DOOR. PATCH AND REPAIR AS NEEDED.
  - SALVAGE/RELOCATE EXISTING FIRE EXTINGUISHER.



**16 MPU DEMOLITION FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



**17 MPU REFLECTED CEILING PLAN**  
SCALE: 1/4" = 1'-0"



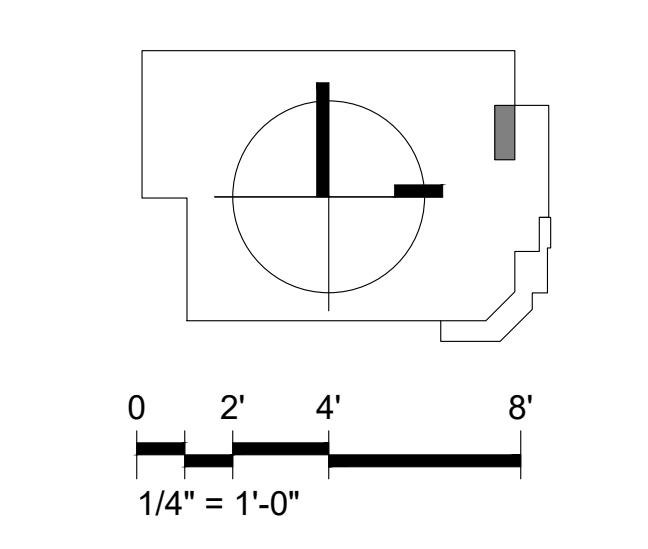
**19 MPU FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

**EMPLOYEE LOCKER ROOM EQUIPMENT LIST**

EQ NO	QTY	DESCRIPTION	SUPPLY/INSTALL	REMARKS
011	2	PAPER TOWEL DISPENSER	SOIC	

NOTE:  
GENERAL CONTRACTOR TO VERIFY EXISTING CONDITIONS PRIOR TO ANY WORK ON SLAB

**KEY PLAN**



NATHAN D. MENARD, ARCHITECT  
NATHAN D. MENARD  
C-27019  
12/28/2023  
RENEWAL DATE  
STATE OF CALIFORNIA  
12/09/2022

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DATE	DESCRIPTION
12.08.22	PERMIT ISSUE

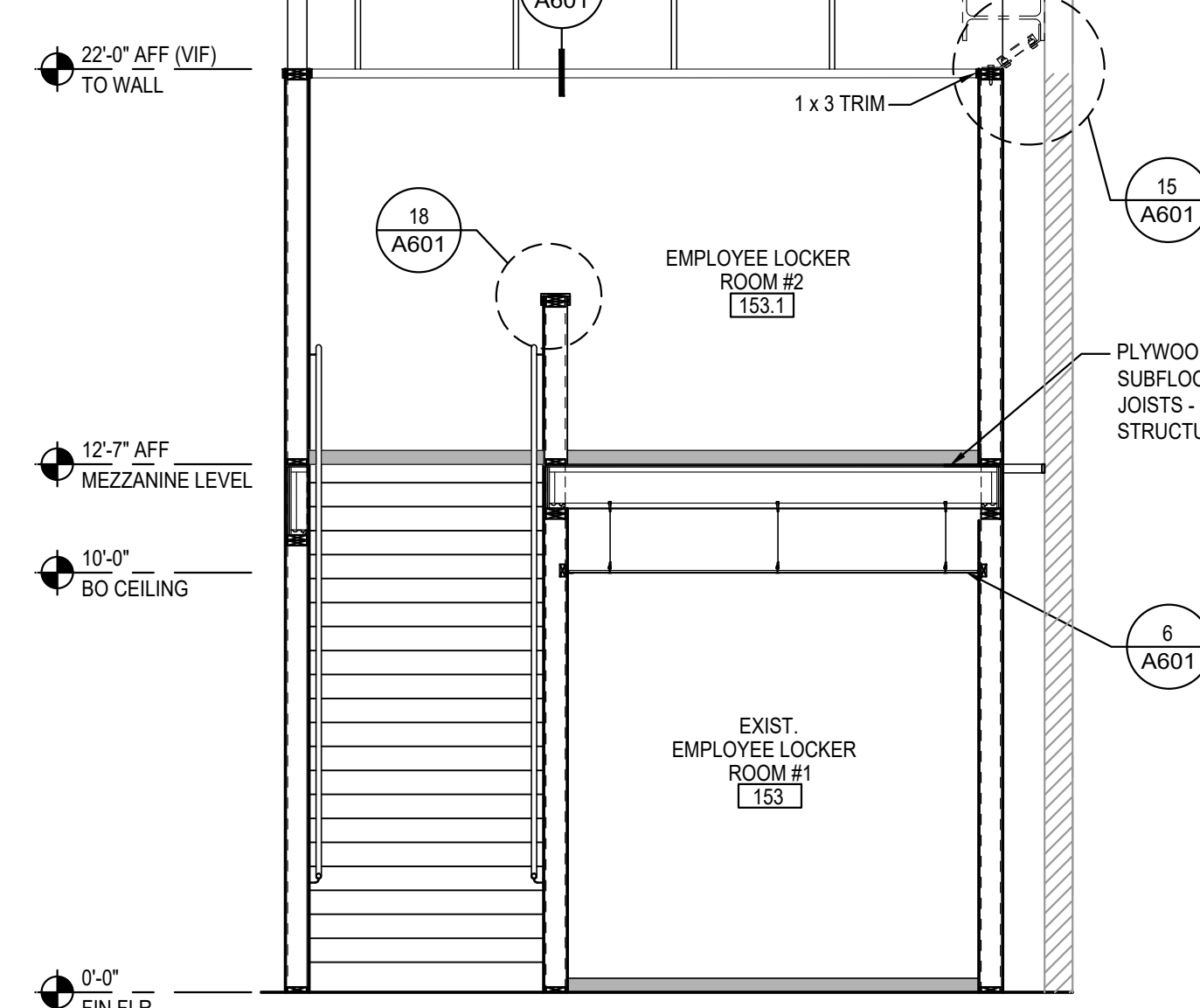
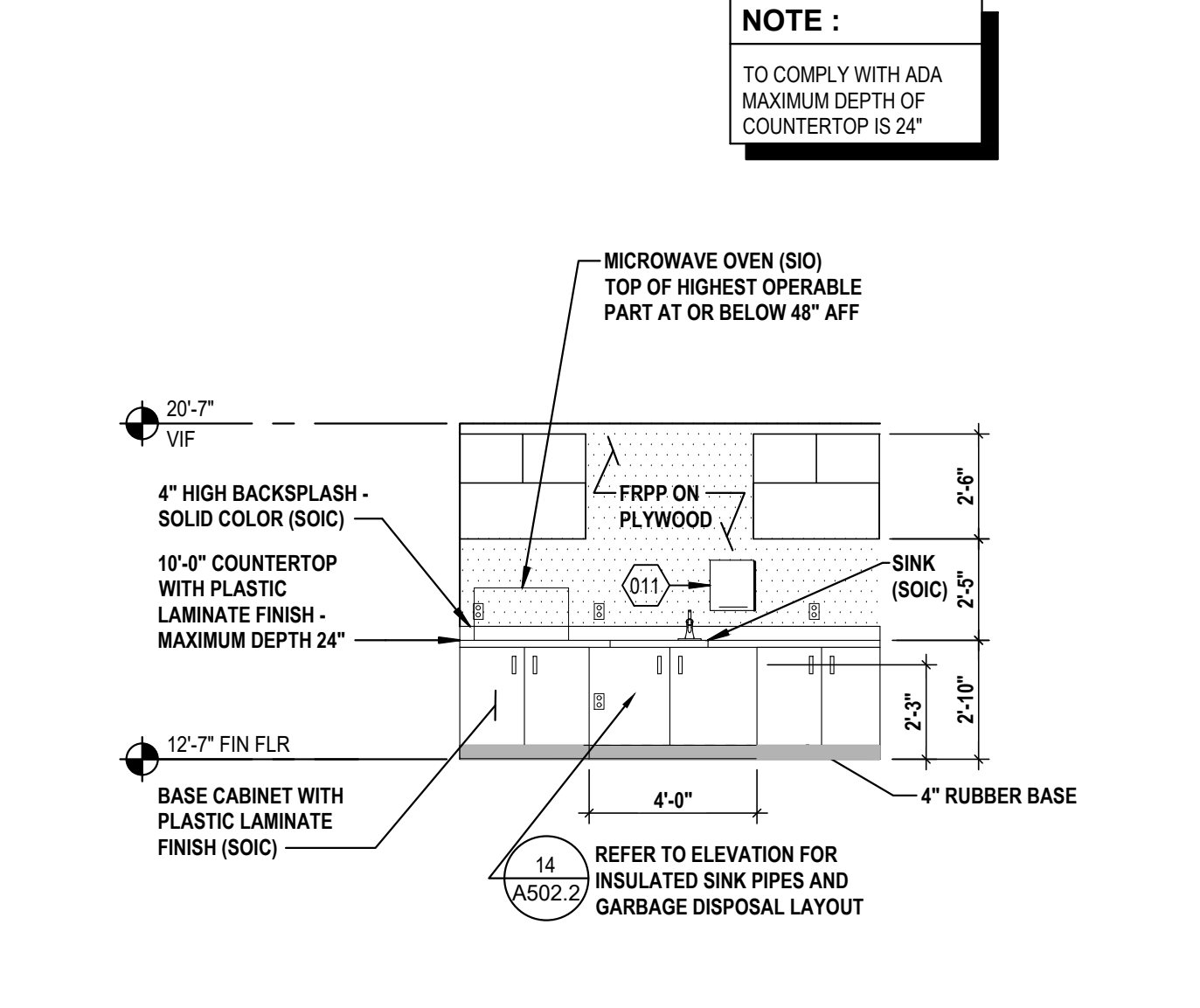
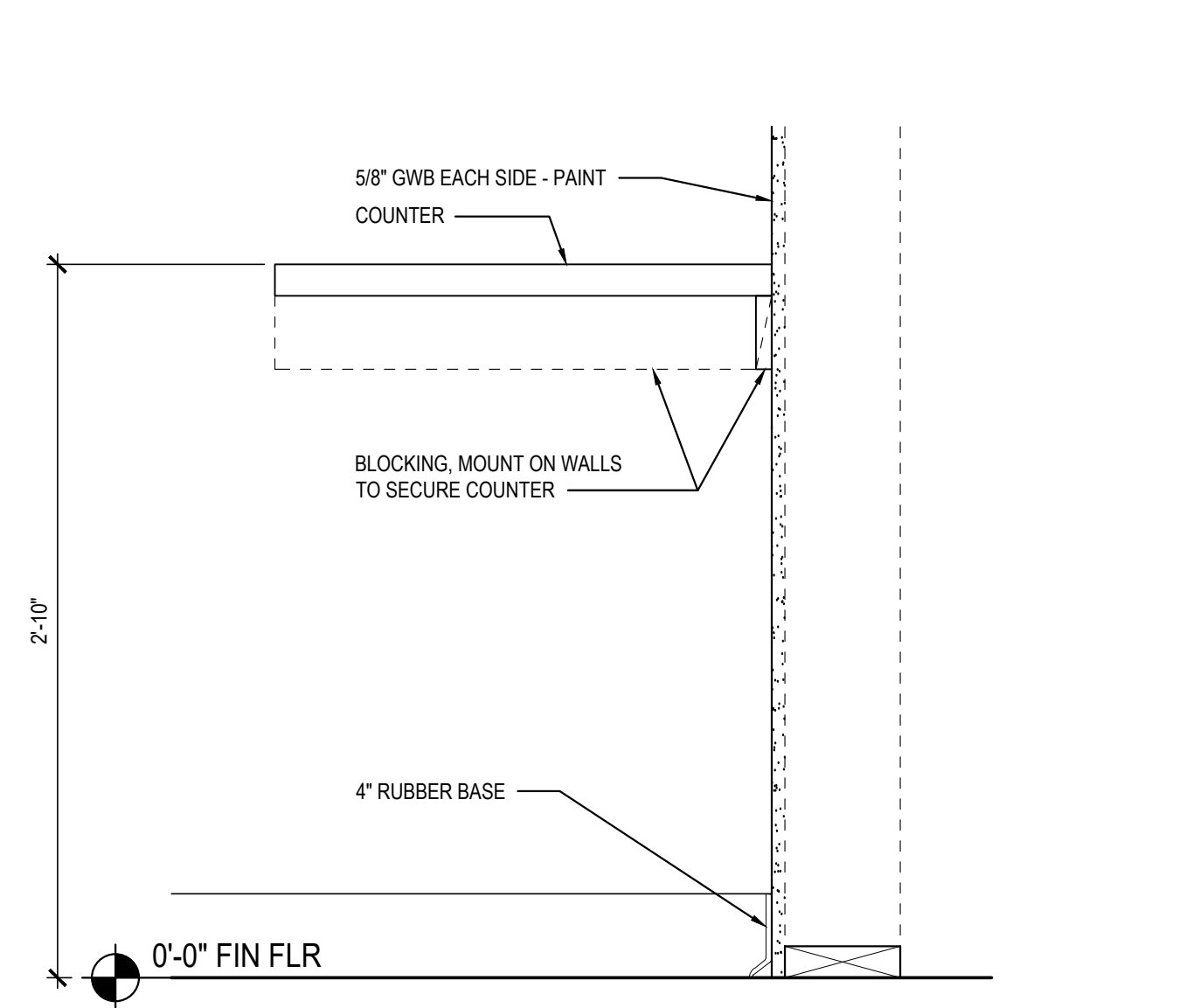
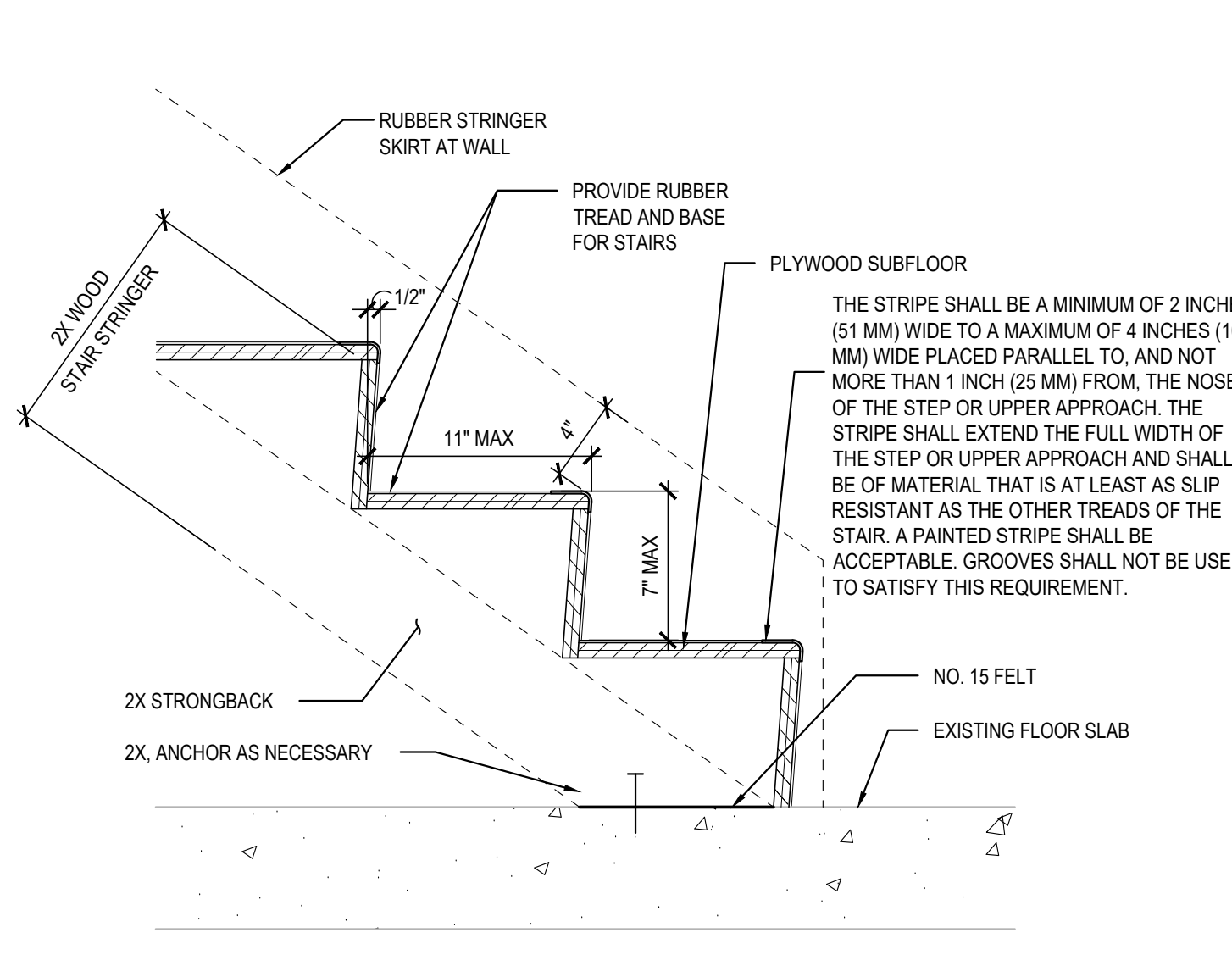
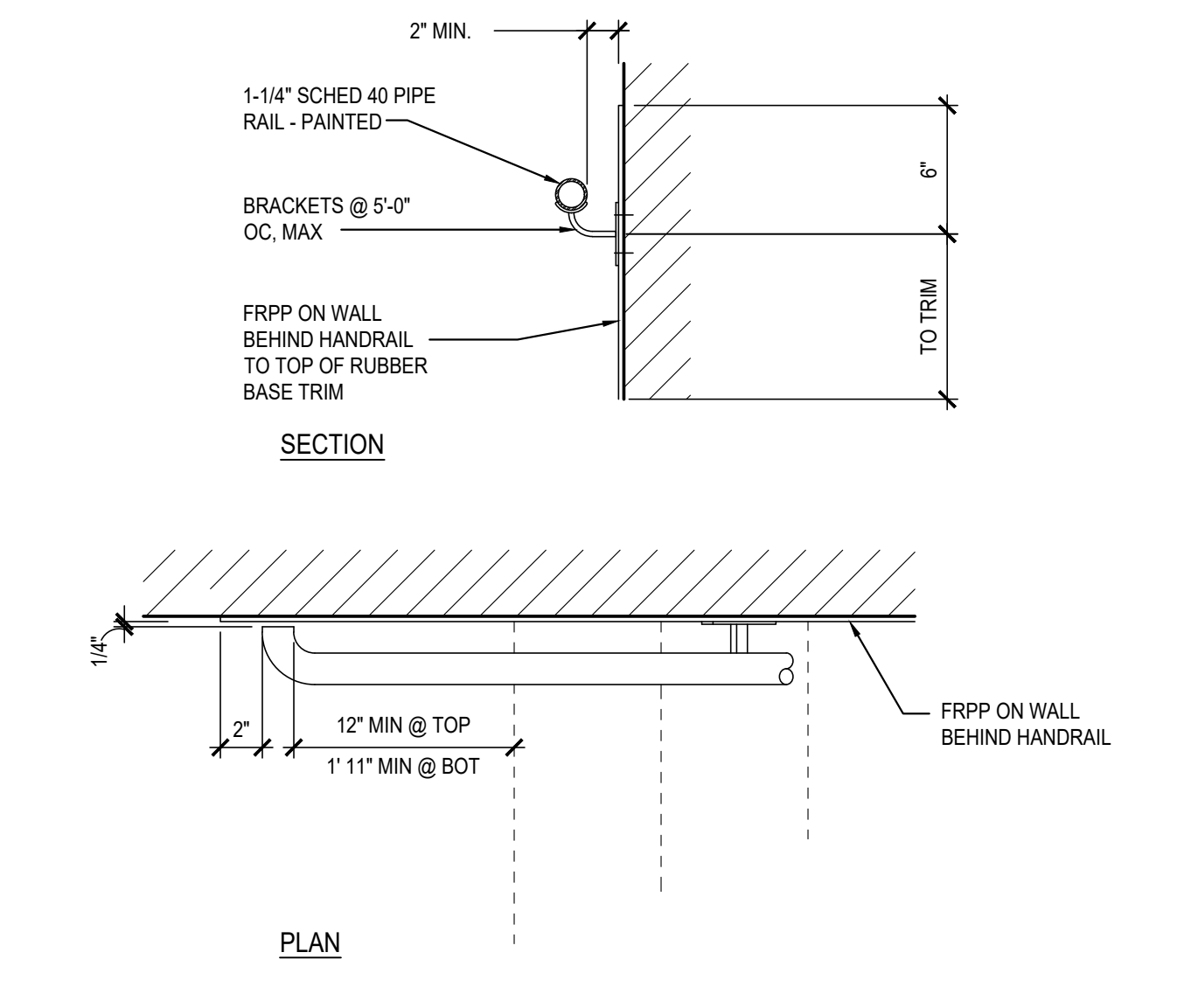
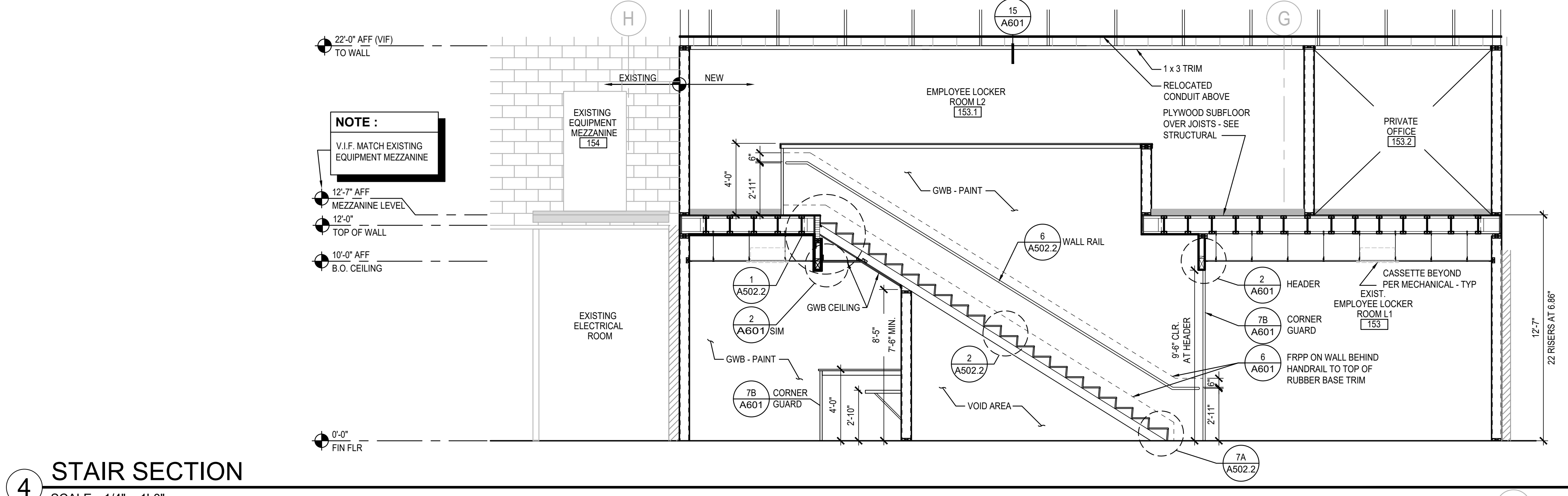
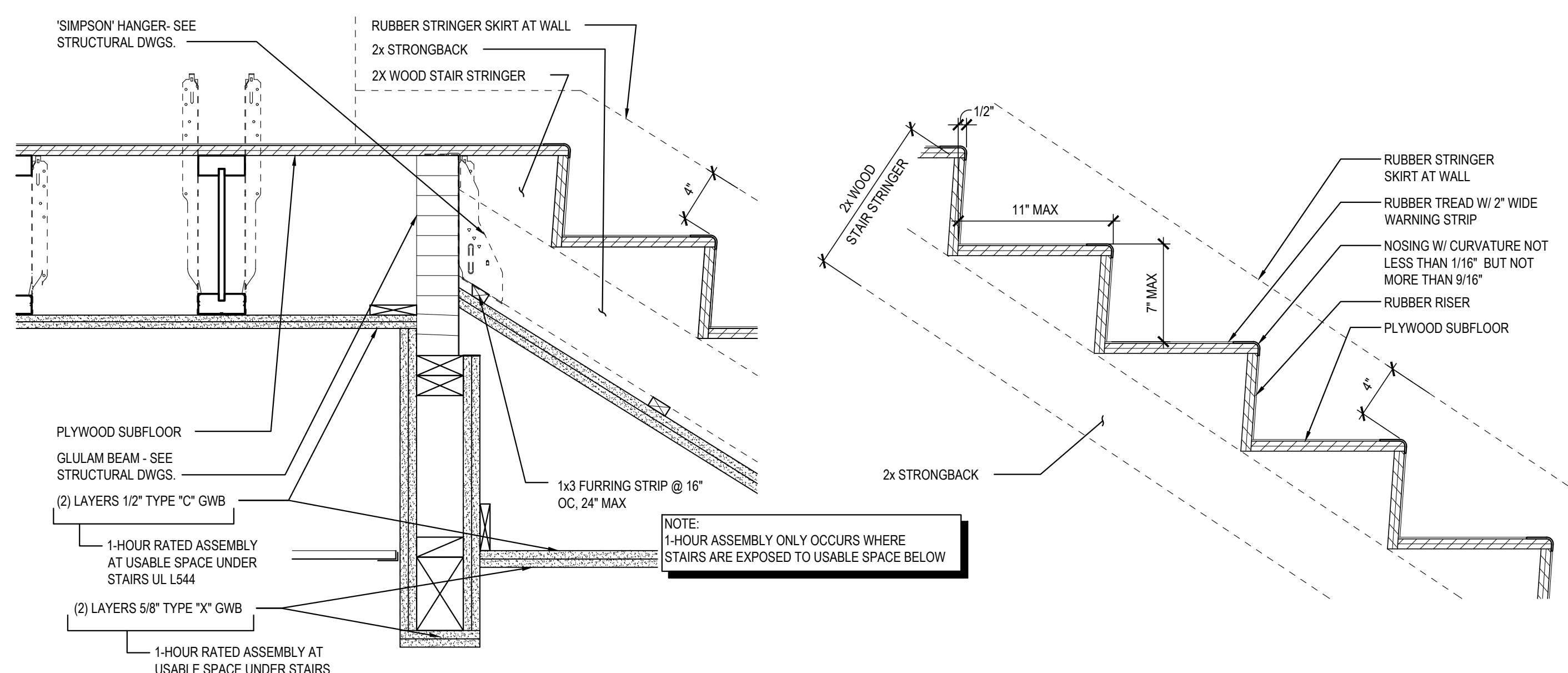
94-1820-28  
PM: MARIBEL ABRICA  
DRAWN: AI

**ENLARGED FLOOR PLANS**





PLOTTED BY: AHMED ISLAVOGLU DATE/TIME: 12/22/2022 2:42 PM FILE: \\VIRV02\PROJECTS\COSTCO\9494-1820-94-LOCKER RM MEZ2.07\_CAD\703\_CONST\DCS\9418209-A502.2.DWG  
 MASTER SET: 003201



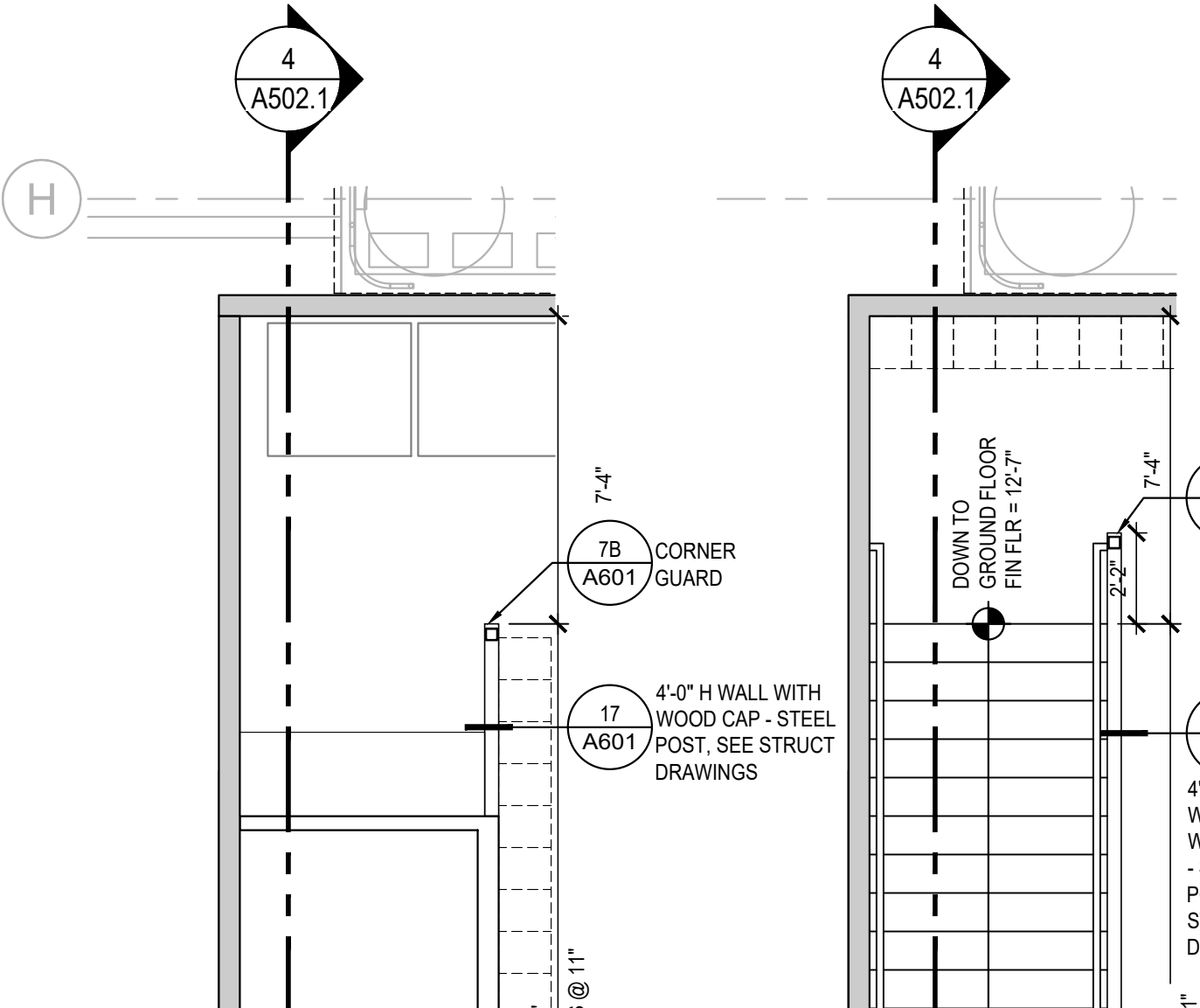
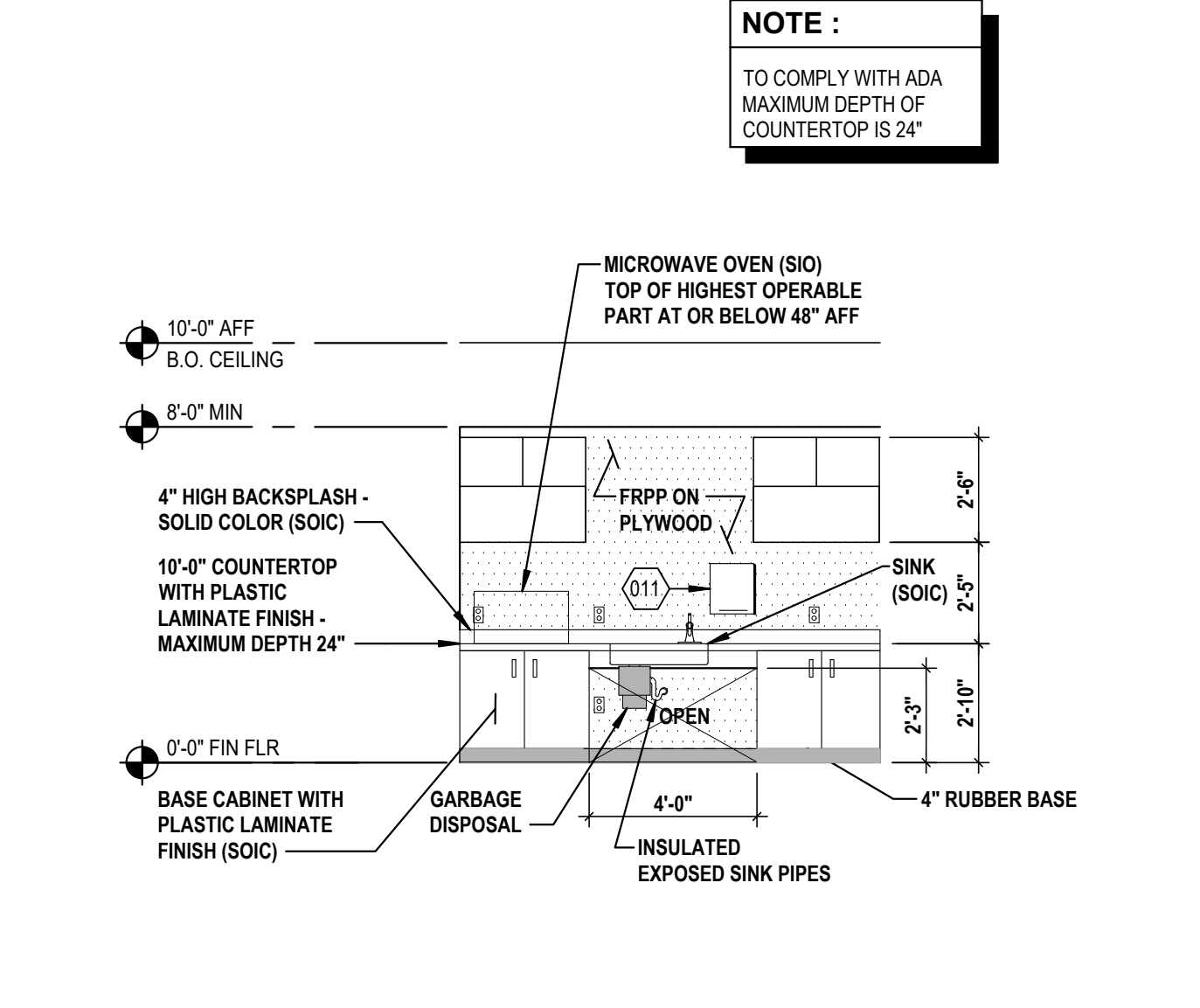
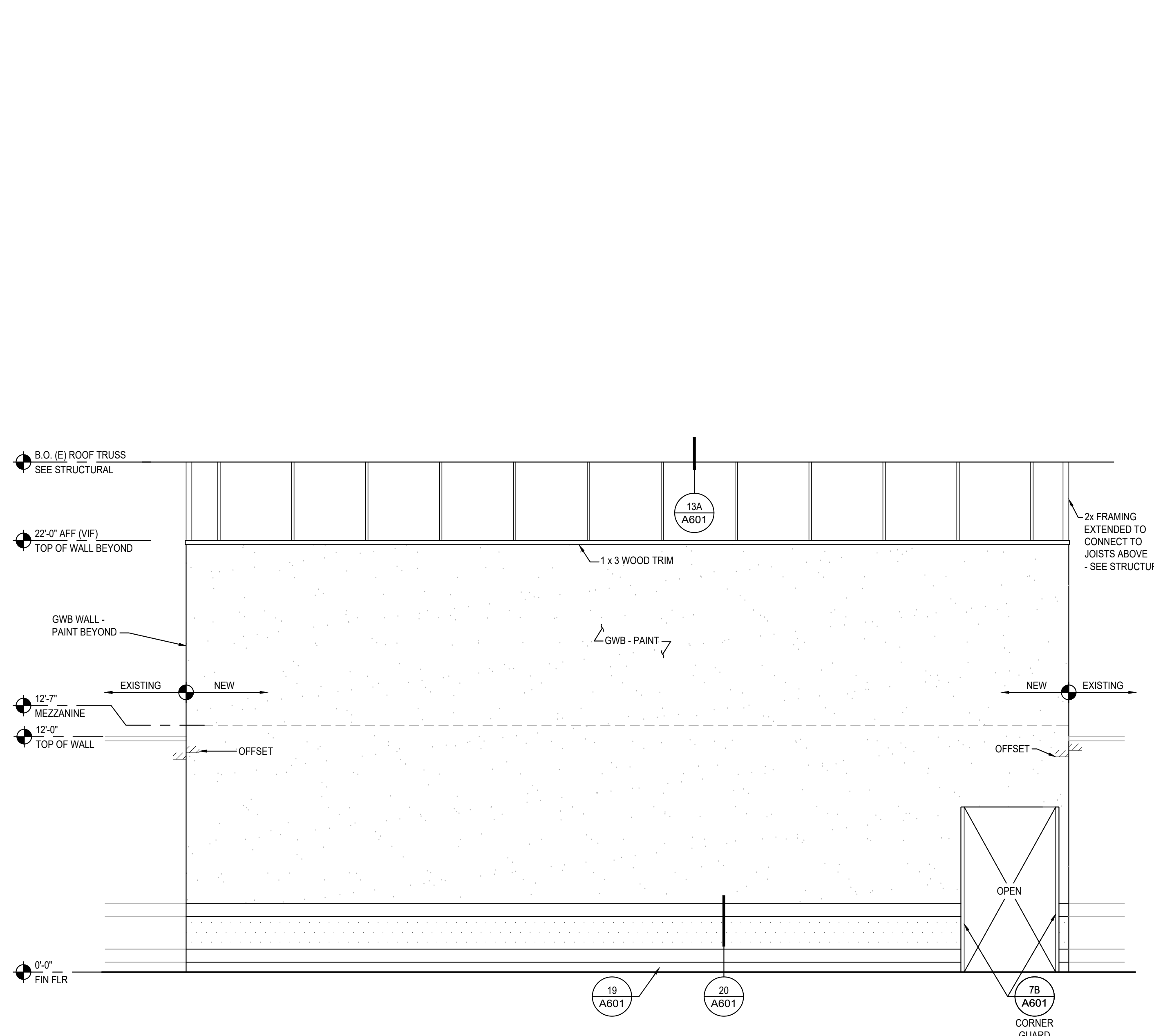
**6 WALL RAIL**  
SCALE: 1-1/2" = 1'-0"

**7 WOOD STAIR DETAIL AT FLOOR**  
SCALE: 1-1/2" = 1'-0"

**8 SECTION AT COUNTER**  
SCALE: 1-1/2" = 1'-0"

**9 MEZZANINE SINK ELEVATION**  
SCALE: 1/4" = 1'-0"

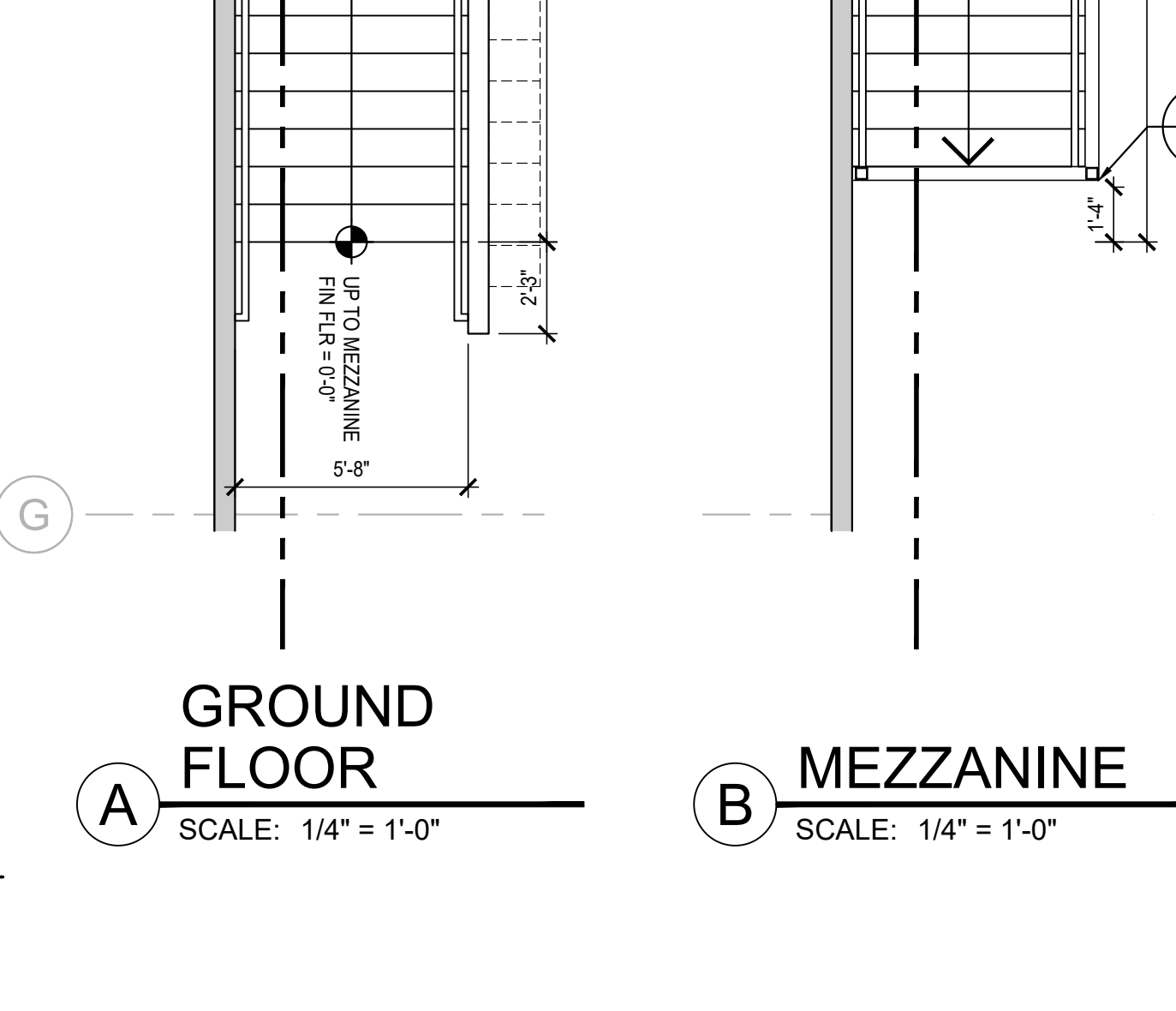
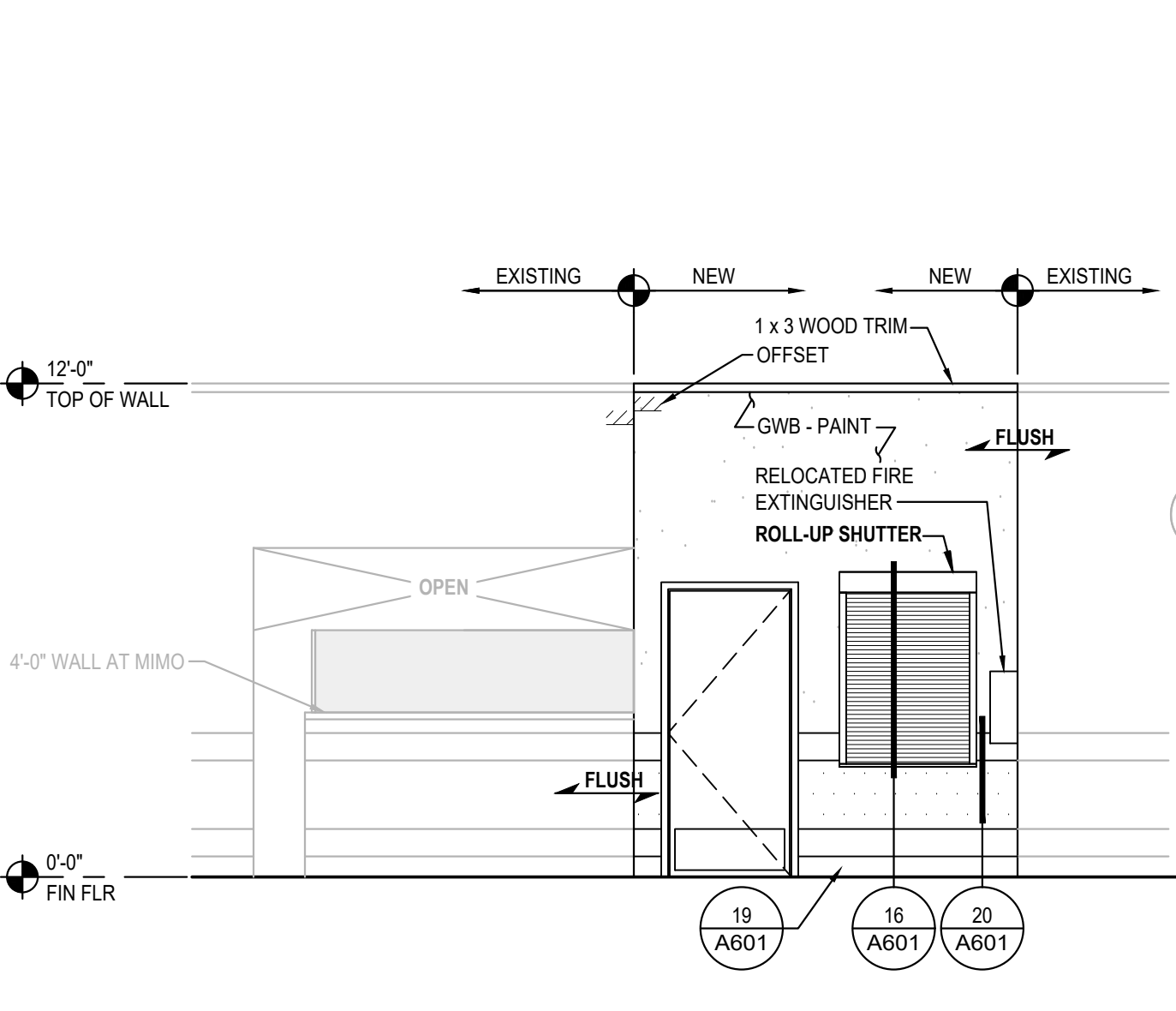
**10 SECTION - MEZZANINE**  
SCALE: 1/4" = 1'-0"



**17 EMPLOYEE LOCKER ROOM FRONT END ELEVATION**  
SCALE: 1/4" = 1'-0"

**14 GROUND LEVEL SINK ELEVATION**  
SCALE: 1/4" = 1'-0"

**10 SECTION - MEZZANINE**  
SCALE: 1/4" = 1'-0"



**18 MPU FRONT END ELEVATION**  
SCALE: 1/4" = 1'-0"

**20 STAIRS MAIN FLOOR**  
SCALE: 1/4" = 1'-0"

**COSTCO WHOLESALE**  
GOLETA, CA #474  
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**COSTCO WHOLESALE CORPORATION**  
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Seattle, WA 98101  
206 962 6500  
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**MG2**

**LOCKER ROOM MEZZANINE**

**NATHAN D. MENARD, ARCHITECT**

**LICENSED ARCHITECT**  
NATHAN D. MENARD  
C-27019  
12/28/2023  
RENEWAL DATE  
STATE OF CALIFORNIA

12/09/2022

DATE	DESCRIPTION
12.08.22	PERMIT ISSUE

94-1820-28  
PM: MARIBEL ABRICA  
DRAWN: AI

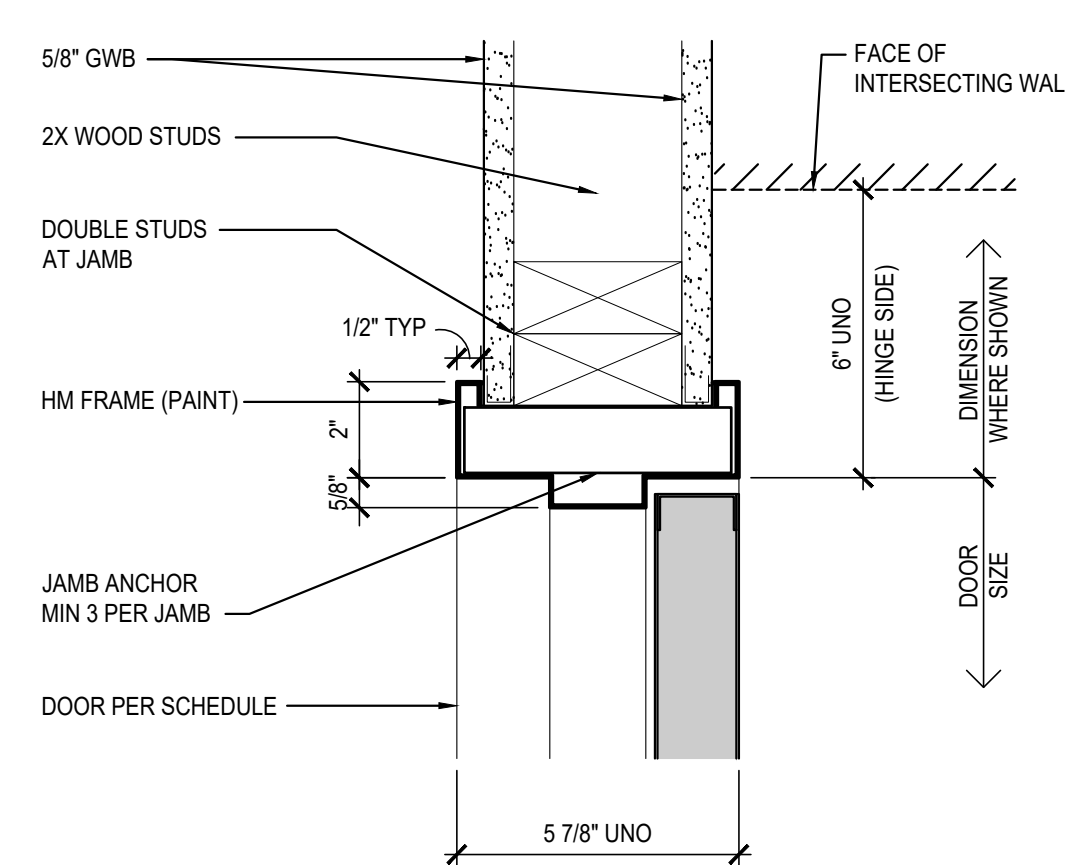
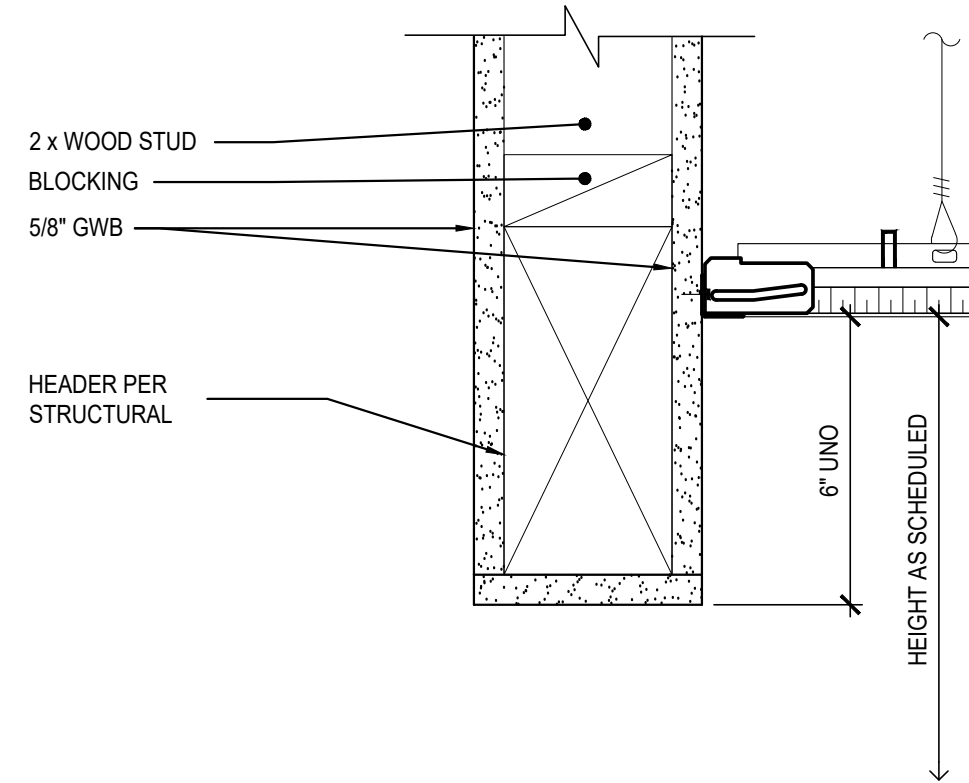
**SECTIONS, ELEVATIONS, AND DETAILS**

**A502.2**

PLOTTED BY: AHMED ISLAMOGLU DATE/TIME: 12/27/2022 2:42 PM FILE: \\VIRV02\PROJECTS\COSTCO\9494-1820-28\GOLETA LOCKER RM MEZZ\07\_CAD\03\_CONST\DCS\94182028-A601.DWG

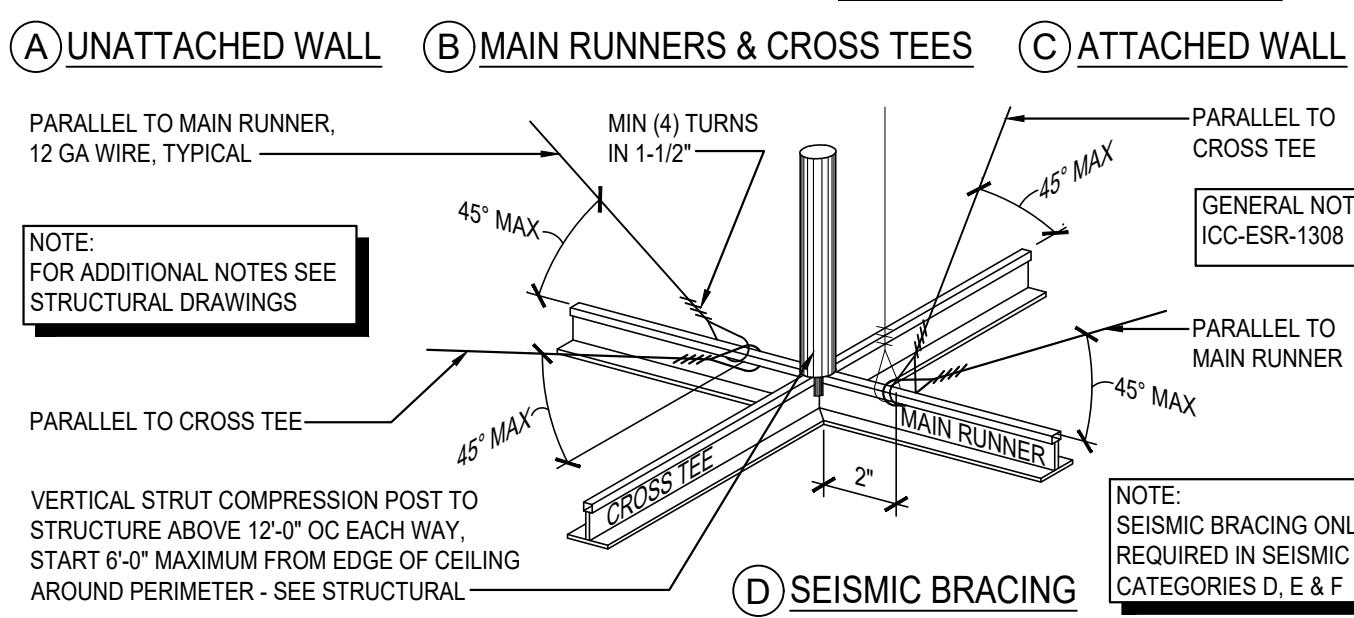
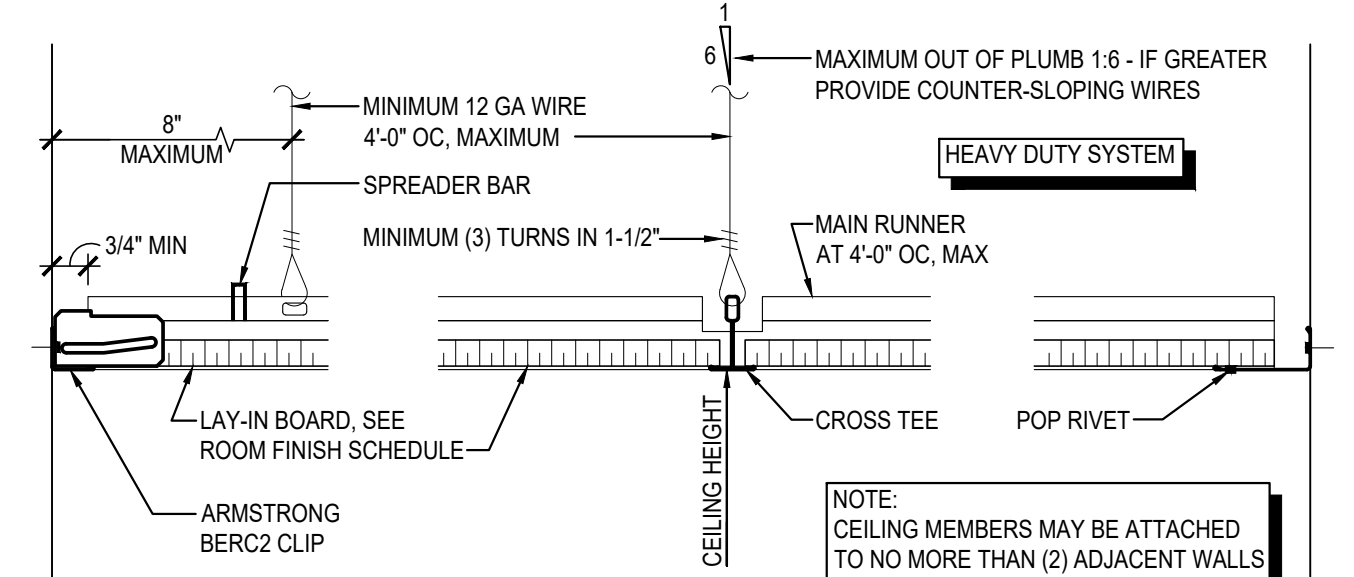
### GENERAL NOTES

- ALL LIGHT FIXTURES POSITIVELY ATTACHED TO THE SUSPENDED CEILING GRID SYSTEM. INDEPENDENT WIRE SUPPORT FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE AS FOLLOWS:
  - FIXTURES LESS THAN 10 POUNDS, PROVIDE ONE #12 GAGE WIRE (MAY BE SLACK)
  - FIXTURES 11-55 POUNDS, PROVIDE TWO #12 GAGE WIRES (MAY BE SLACK)
  - FIXTURES 56 POUNDS OR MORE SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT
  - PENDANT HUNG FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING #9 GAGE WIRE (CISCA)
- ALL CEILING MOUNTED AIR TERMINALS OR SERVICES POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS. IN ADDITIONS INDEPENDENT WIRE SUPPORT PROVIDED FROM THE AIR TERMINAL OR SERVICE TO THE STRUCTURE ABOVE AS FOLLOWS:
  - AIR TERMINALS OR SERVICES WEIGHING 20 TO 55 POUNDS, PROVIDE TWO #12 GAGE WIRES (MAY BE SLACK)
  - AIR TERMINALS OR SERVICES WEIGHING MORE THAN 55 POUNDS SHALL BE SUPPORTED DIRECTLY TO THE STRUCTURE ABOVE (CISCA)
- THE SUSPENDED CEILING LATERAL FORCE BRACING MEMBERS SHALL BE LOCATED A MINIMUM OF 8 INCHES FROM ALL HORIZONTAL PIPING OR DUCT WORK THAT ARE NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCES. CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING.
- EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTION, SPRINKLER HEADS AND OTHER PENETRATIONS THROUGH THE CEILING TILE MINIMUM 2-INCH RINGS, SLEEVES OR ADAPTERS THAT WILL ALLOW A MINIMUM 1-INCH CEILING MOVEMENT IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, A SWING JOINT CAN BE PROVIDED AT THE TOP OF THE SPRINKLER HEAD EXTENSION TO ACCOMMODATE THE 1-INCH MOVEMENT. [ASCE 7-16, 13.5.6.3]



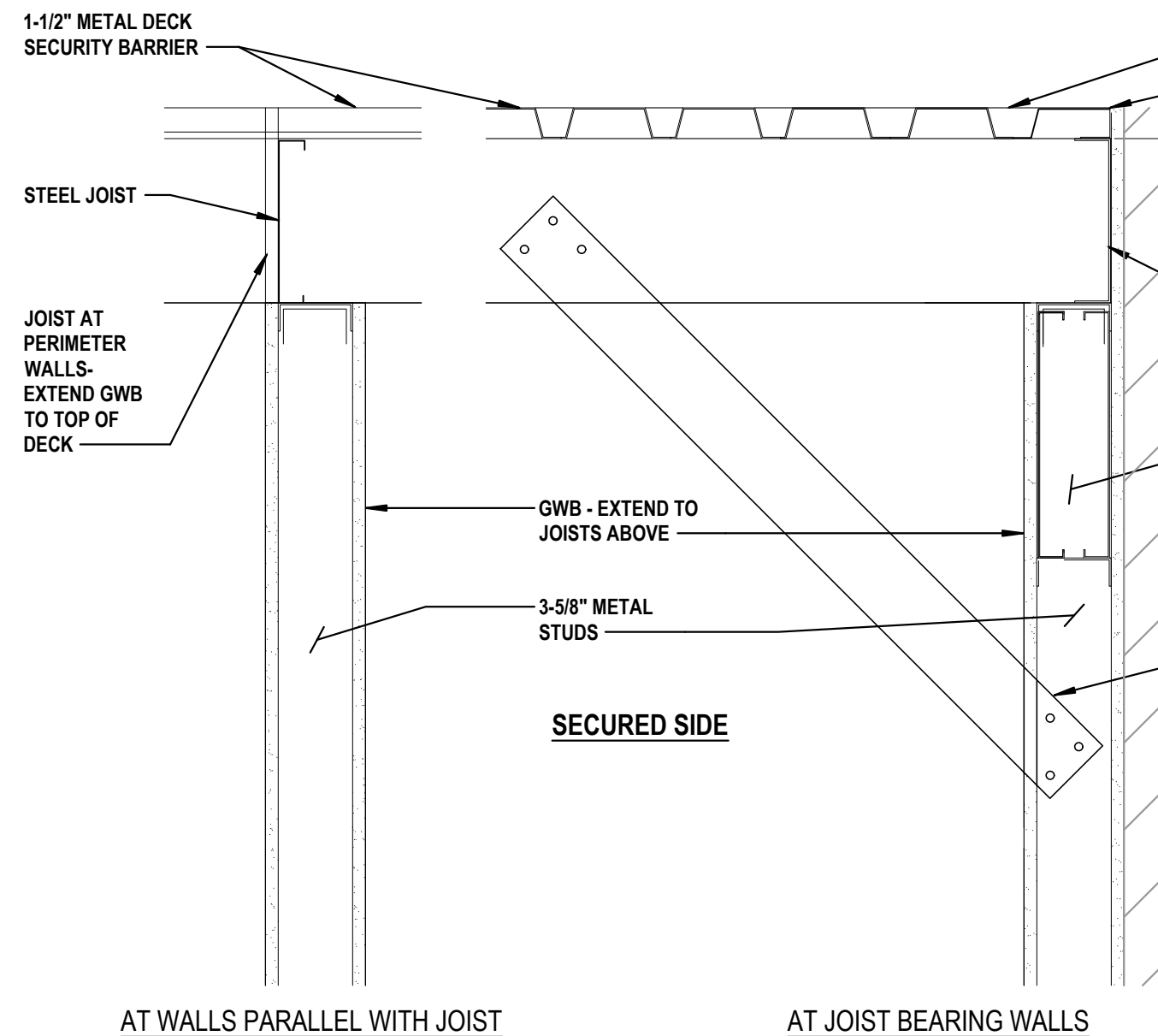
2 HEADER AT MEZZANINE STAIR  
SCALE: 3" = 1'-0" 0809

3 HM DOOR JAMB AT INTERIOR PARTITION  
SCALE: 3" = 1'-0" 0809

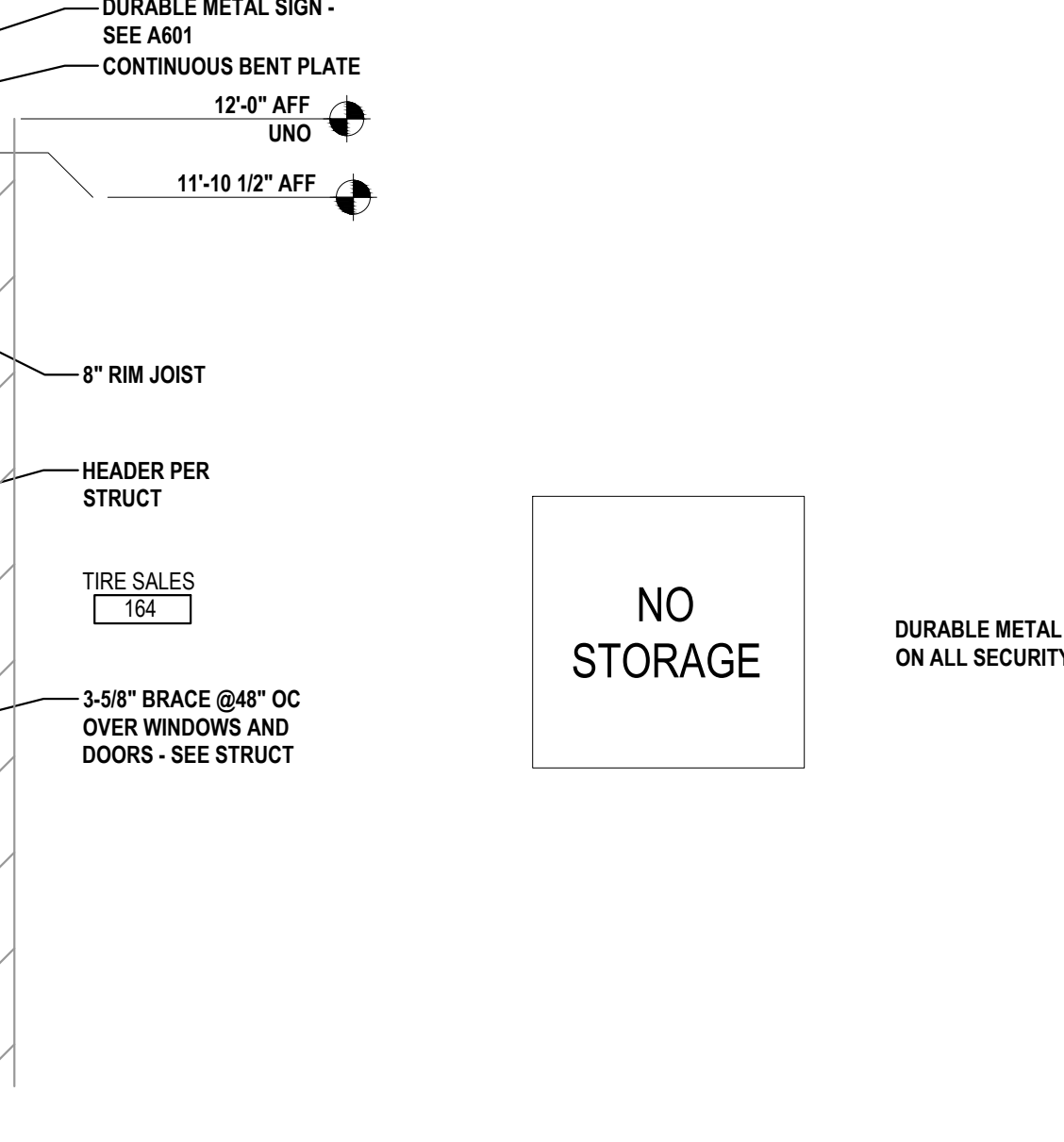


6 SUSPENDED TEE GRID CEILING  
SCALE: 3" = 1'-0" 0213

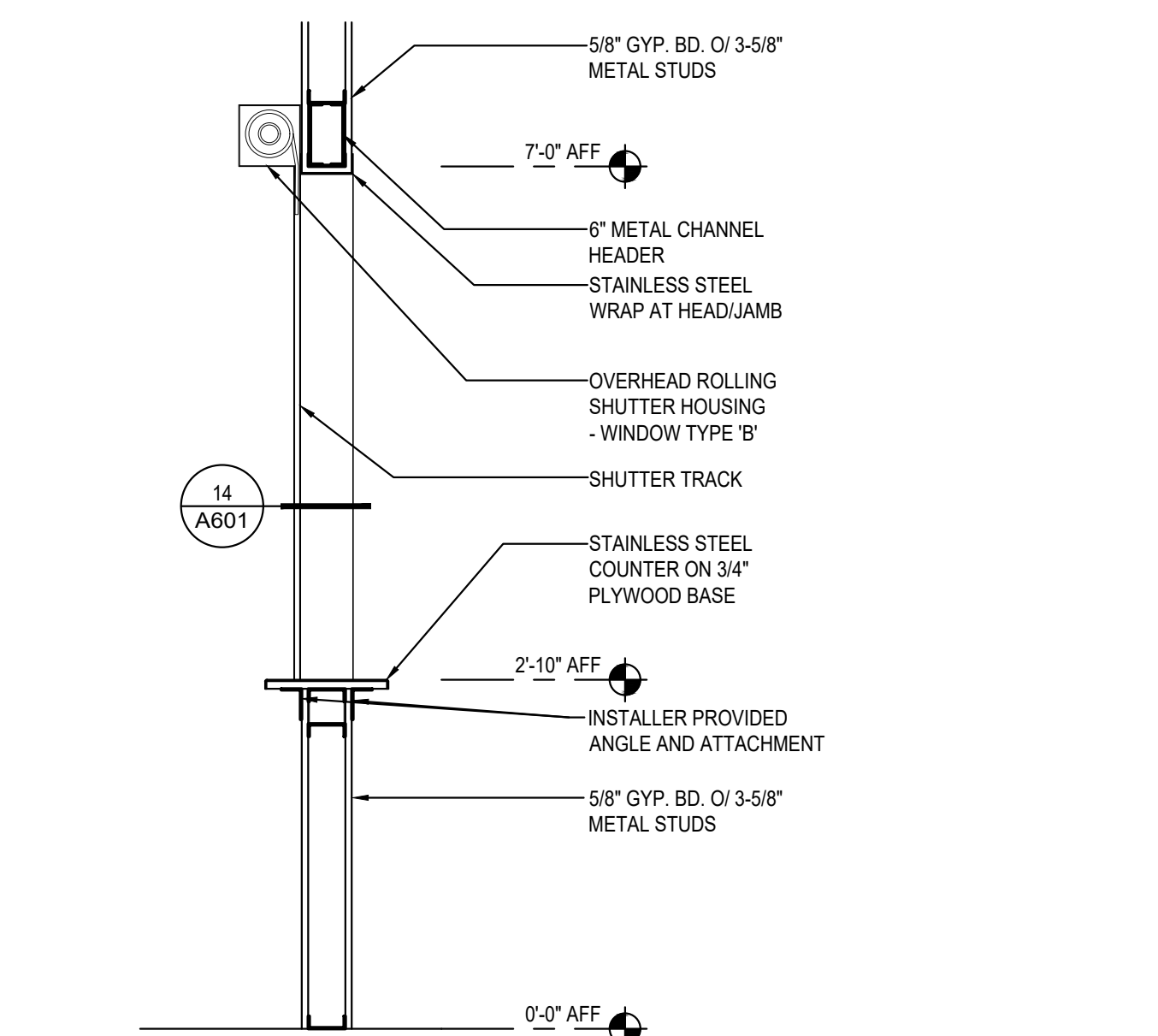
7 CORNER GUARDS (CG)  
SCALE: 3" = 1'-0" 1219



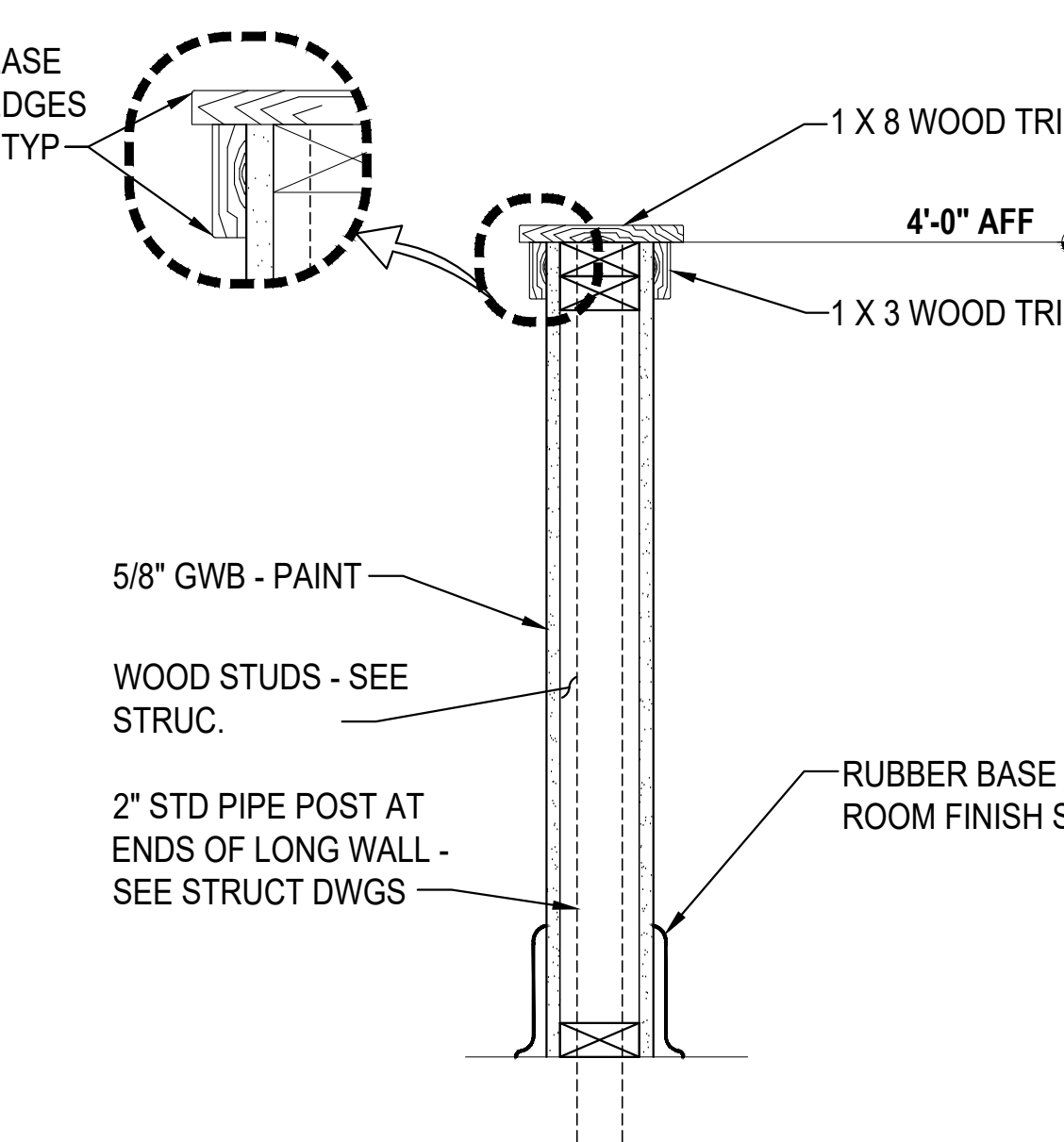
11 CEILING AT MPU PARTITIONS  
SCALE: 1-1/2" = 1'-0" 05.22



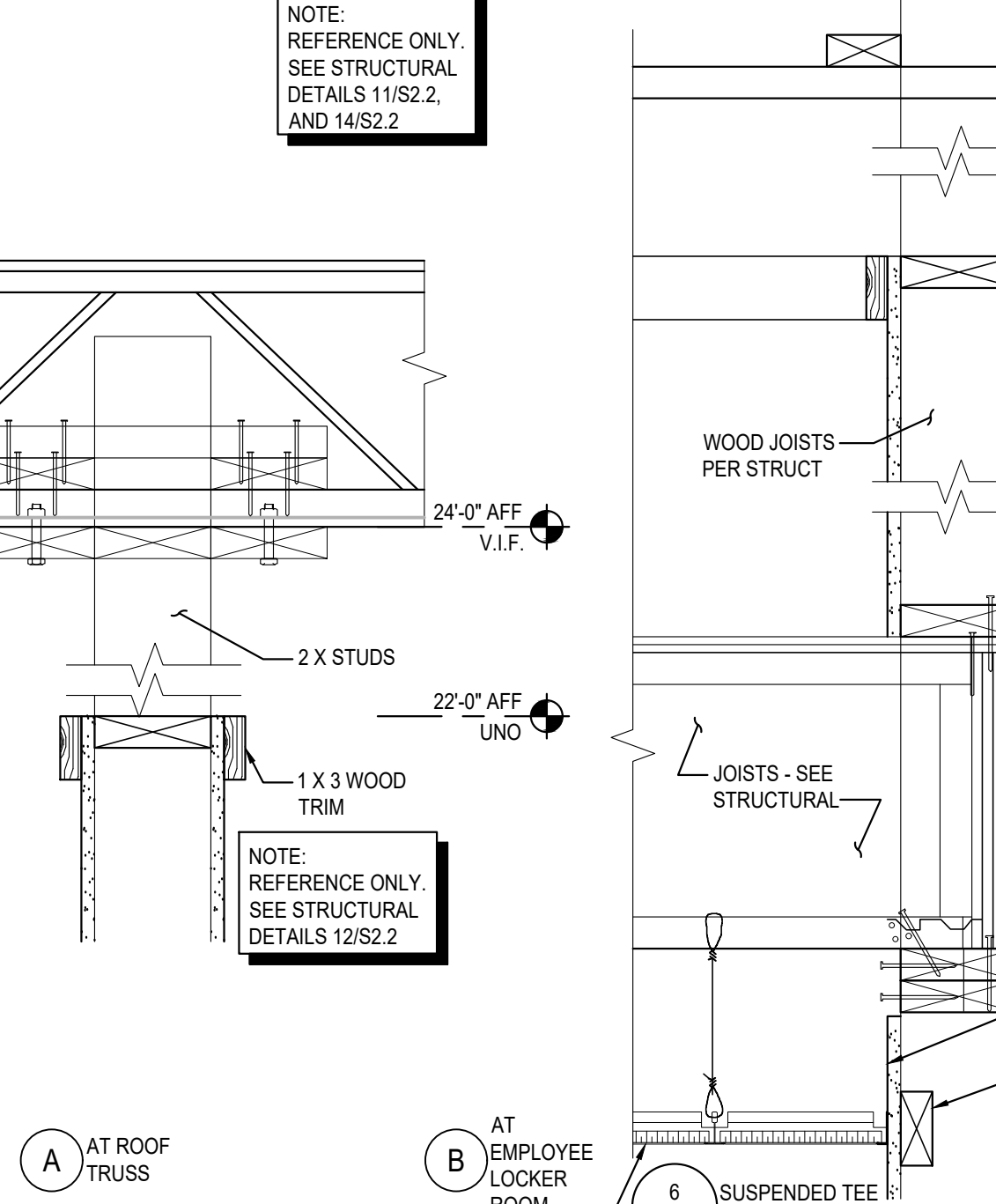
12 DURABLE METAL SIGN  
SCALE: 1-1/2" = 1'-0" 0818



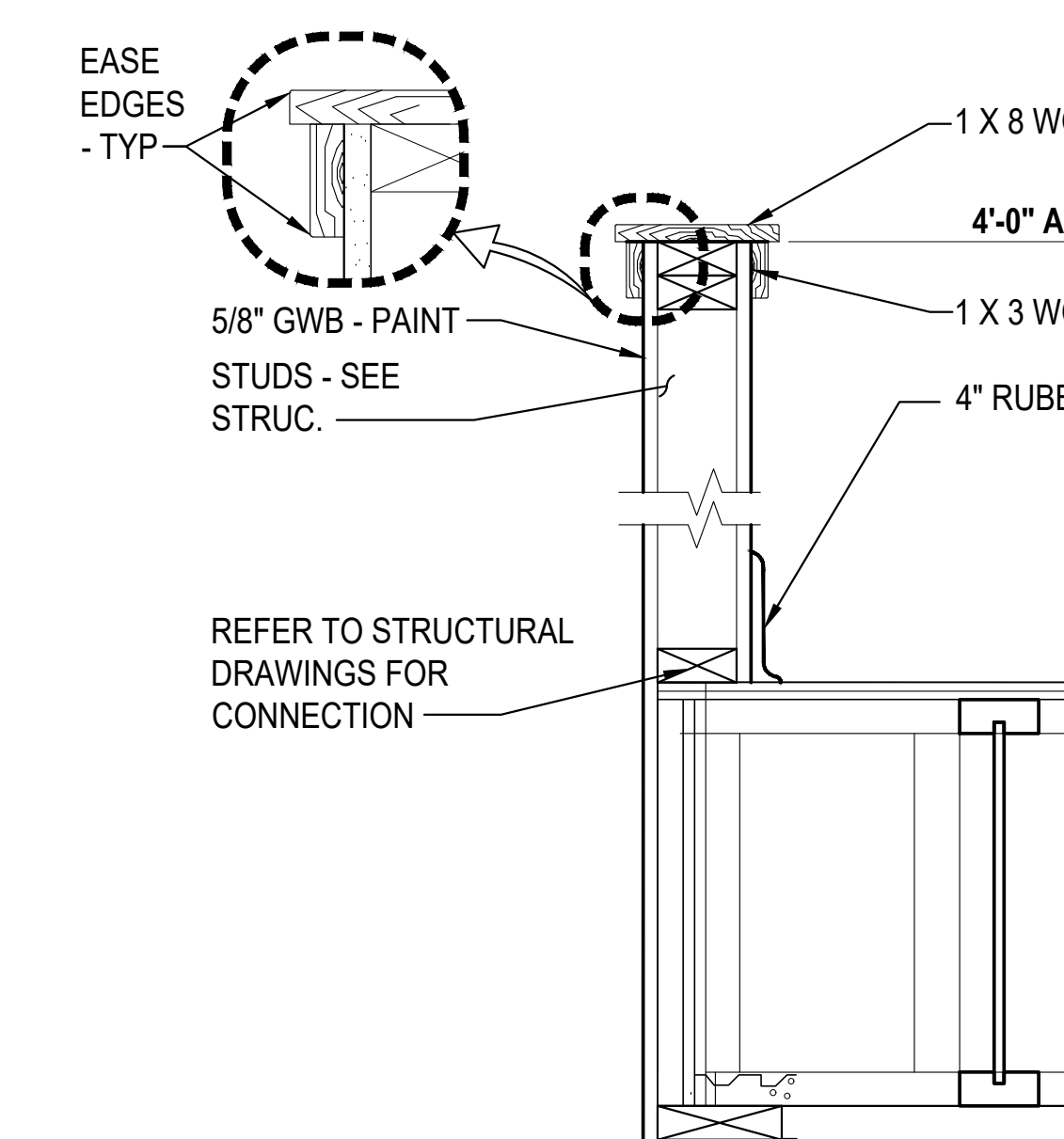
16 ROLL-UP SHUTTER AT MPU  
SCALE: 3/4" = 1'-0" 05.22



17 4'-0" HIGH WALL  
SCALE: 1-1/2" = 1'-0" 05.22



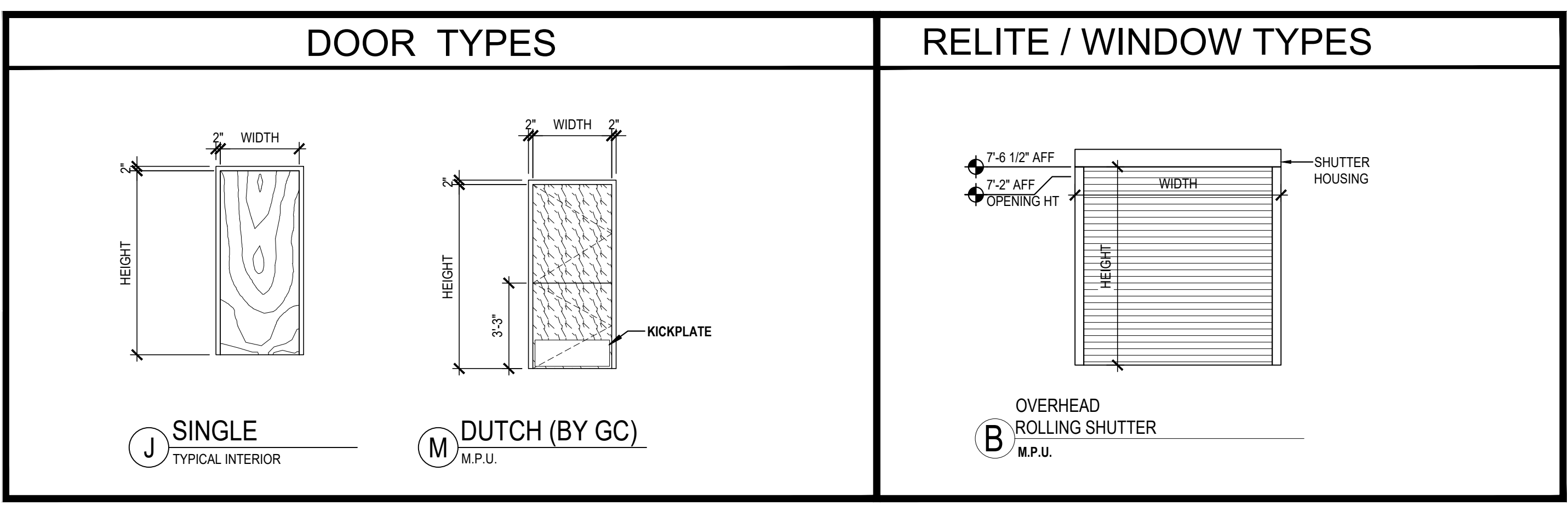
13 TOP OF WALLS  
SCALE: 1-1/2" = 1'-0" 05.22



18 4'-0" HIGH WALL  
SCALE: 1-1/2" = 1'-0" 05.22

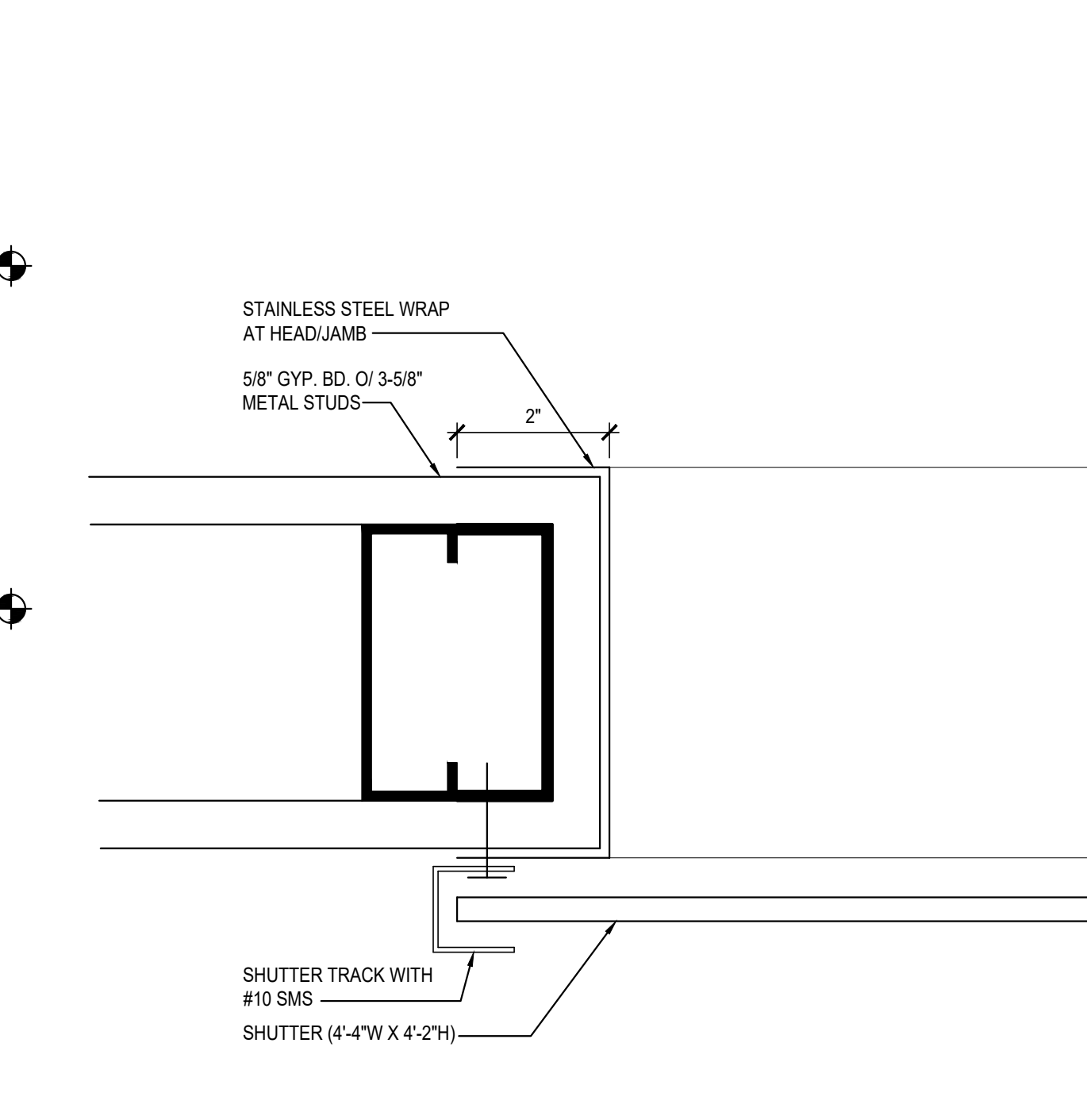
ROOM FINISH SCHEDULE											
LOCATION	NO	ROOM NAME	FLOOR		BASE		WALL		CEILING		REMARKS (SEE NOTES BELOW)
			MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
OFFICE CORE	153	EMPLOYEE LOCKER RM #1	CONC	SEAL	RB-4		GWB	FRPP / P	AC-1 / GWB		10'-0" 27
	153.1	EMPLOYEE LOCKER RM #2	LVT		RB-4		GWB	FRPP / P	OTS		27
	153.2	PRIVATE OFFICE	LVT		RB-4		GWB	P	OTS		12'-0" 1, 2, 32
	154	MPU	CONC	SEAL	RB-6		GWB	P	MTL DECK		

ROOM FINISH ABBREVIATION KEY				ROOM FINISH REMARKS			
AC-1	24x48 SUSPENDED GRID WITH LAY-IN ACOUSTIC BOARD	OTS	OPEN TO STRUCTURE	1	RB-6 ON GWB WALL	27	FRPP ON GWB FULL HEIGHT ON SINK WALL
CONC	CONCRETE	P	PAINT - EGGSHELL FINISH	2	GWB ON STUD WALL - PAINTED	32	METAL SECURITY DECK OVER METAL JOISTS, BY GC
FRPP	FIBERGLASS REINFORCED PLASTIC PANEL	RB-4	RUBBER BASE - 4" HIGH				
GWB	GYPSUM WALL BOARD	RB-6	RUBBER BASE - 6" HIGH				
LVT	PLANK FLOORING	SEAL	SEALER				

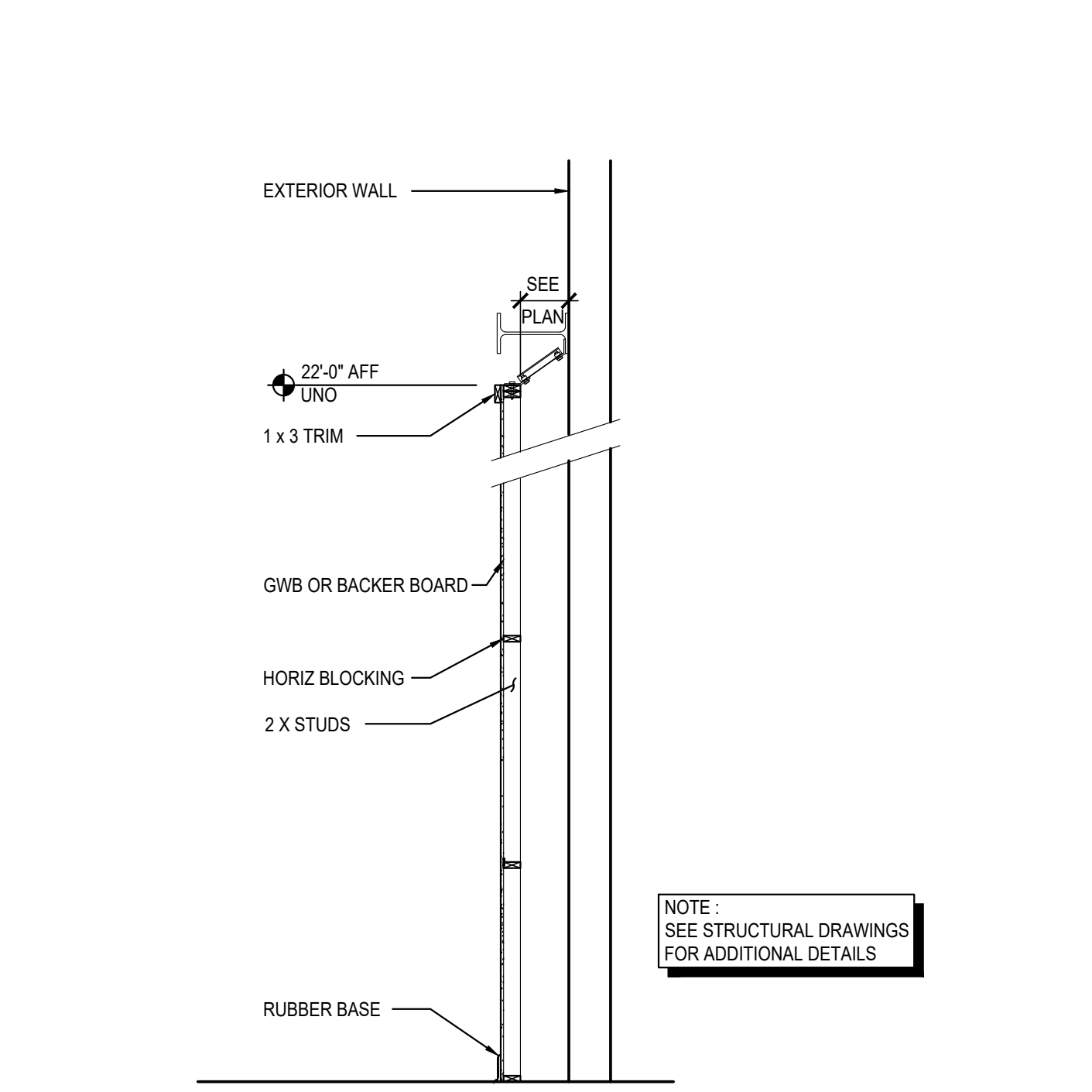


DOOR SCHEDULE													
LOCATION	NO.	DOOR					FRAME			HDW	LOUVER	EXIT DEVICE - ALARM ONLY	REMARKS
		WIDTH	HEIGHT	TYPE	LABEL	MATERIAL	MATERIAL	DET. #	SHT. #				
MPU	39	3'-0"	7'-0"	M		WOOD	STEEL	3	A601	32			
MEZZANINE PLATFORM	43	3'-0"	7'-0"	J		WOOD	STEEL	3	A601	19			
PRIVATE OFFICE	44	3'-0"	7'-0"	J		WOOD	STEEL	3	A601	19			

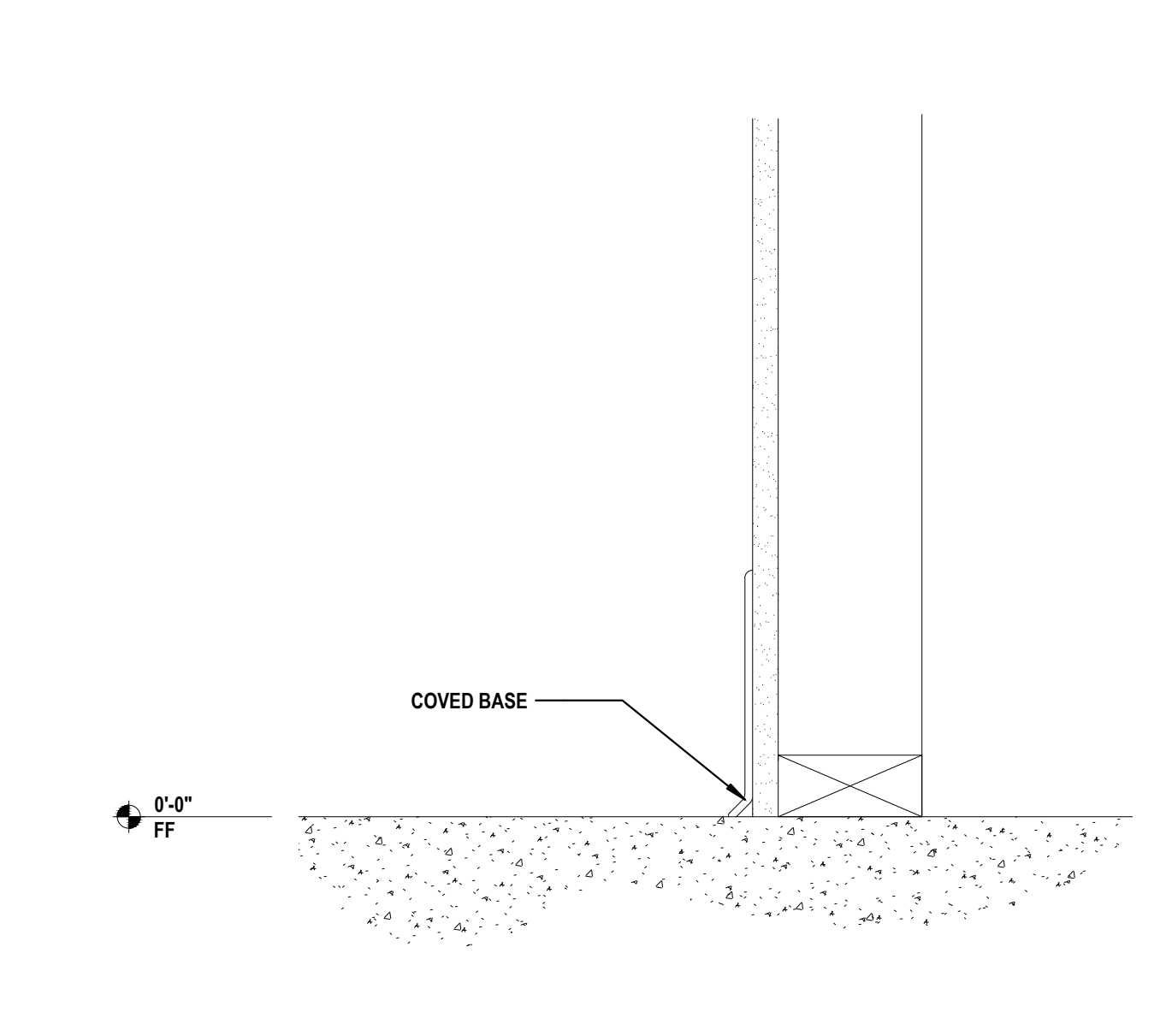
RELITE / WINDOW SCHEDULE												
#	FRAME					GLASS					REMARKS	
	NO	TYPE	WIDTH	HEIGHT	LABEL	MATERIAL	DETAIL #	SHEET #	THK	LABEL		NOTES
MPU	21	B	4'-4"	4'-2"		ALUMINUM	16	A601	1/4"			



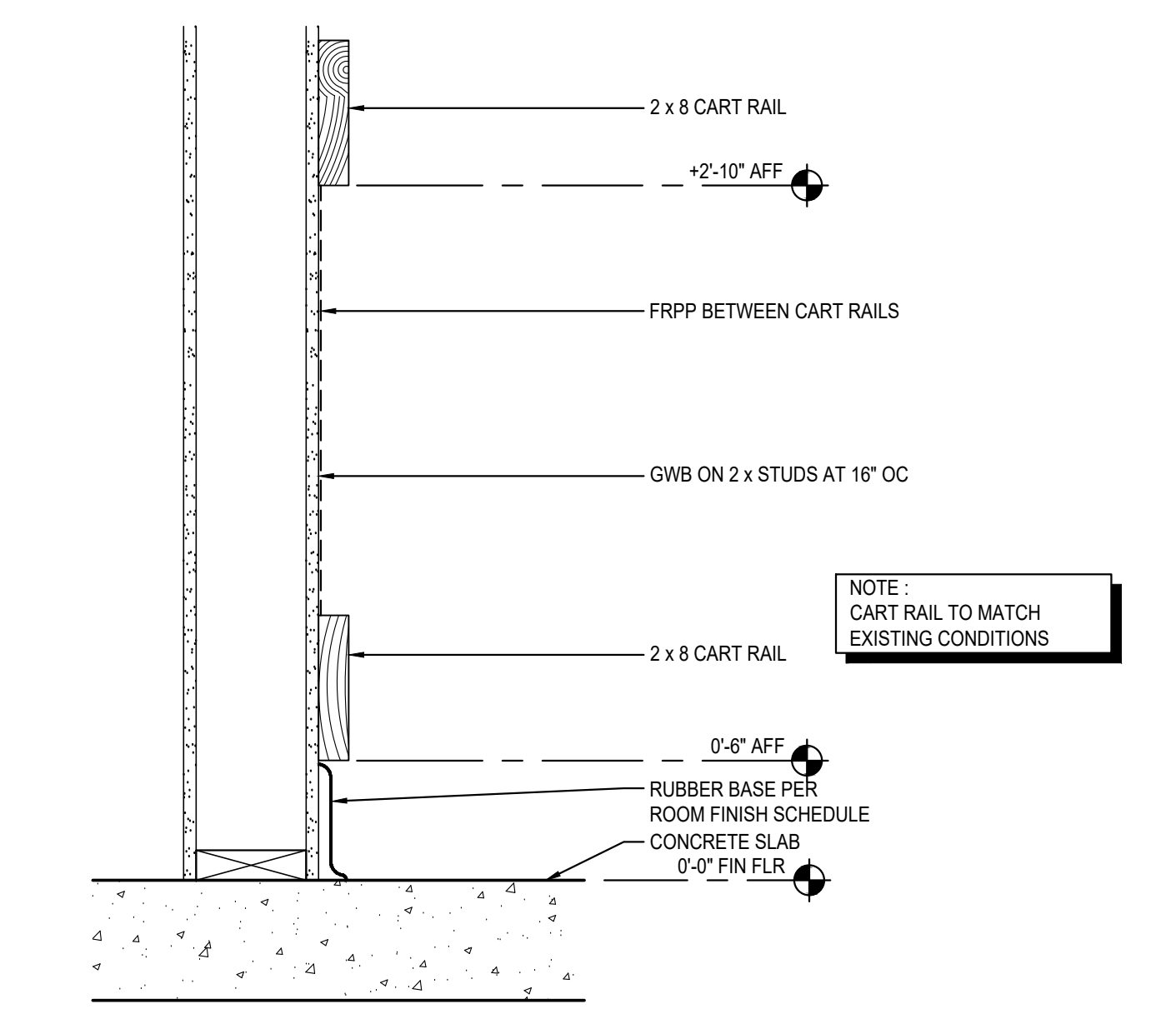
14 SHUTTER TRACK  
SCALE: 6" = 1'-0" 05.22



15 FURRING AT EXTERIOR WALL  
SCALE: 1-1/2" = 1'-0" 0322



19 TYPICAL RUBBER BASE  
SCALE: 3" = 1'-0" 1019



20 CART RAIL  
SCALE: 1-1/2" = 1'-0" 0116

**COSTCO WHOLESALE**  
GOLETA, CA #474  
7095 MARKET PLACE DR. GOLETA, CA 93117

**COSTCO WHOLESALE CORPORATION**  
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1101 Second Ave, Ste 100  
Seattle, WA 98101  
206 962 6500  
MG2.com

**MG2**

### LOCKER ROOM MEZZANINE

NATHAN D. MENARD, ARCHITECT

**LICENSED ARCHITECT**  
NATHAN D. MENARD  
C-27019  
02/28/2023  
RENEWAL DATE  
12/09/2022

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DATE	DESCRIPTION
12.08.22	PERMIT ISSUE

94-1820-28  
PM: MARIBEL ABRICA  
DRAWN: DH, AI

**DETAILS, DOOR AND FINISH SCHEDULES**  
**A601**

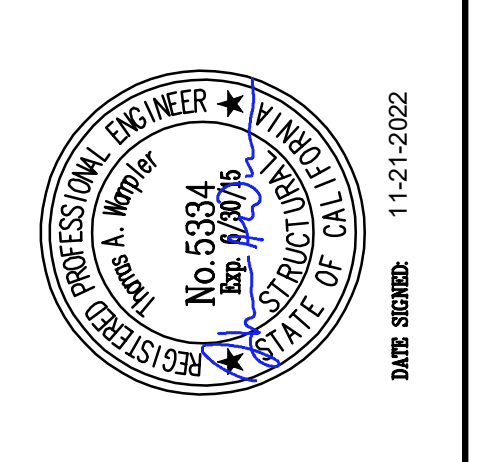


MEZZANINE REMODEL  
7095 MARKET PL DRIVE,  
GOLETA, CA 93117

NO	DRAWING REVISIONS	DATE
	PERMIT SET	11-21-2022

NO	DRAWING REVISIONS	DATE

2019 CBC WOOD CONSTRUCTION			
SPECIAL INSPECTION OF WOOD CONSTRUCTION			
VERIFICATION & INSPECTION TASK	FREQUENCY OF INSPECTION	REFERENCE FOR CRITERIA	
	CONTINUOUS DURING TASK	PERIODIC DURING TASK	CBC SECTION
1. PREFABRICATED WOOD STRUCTURAL ELEMENTS SHALL BE IN ACCORDANCE WITH SECTION 1704.2.5	----	X	1704.2.5 1705.5
2. HIGH LOAD DIAPHRAGMS DESIGNED IN ACCORDANCE WITH SECTION 2306.2 TABLE 2306.2(2). THE INSPECTOR SHALL VERIFY:			
a. WOOD STRUCTURAL SHEATHING TO VERIFY THE GRADE AND THICKNESS SHOWN ON APPROVED BUILDING DRAWINGS.	----	X	1705.5.1
b. THE NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, NAIL OR STAPLE LENGTH, NUMBER OF FASTENER LINES, AND SPACING OF FASTENERS IN EACH LINE AND AT EDGE. MARGINS AGREE WITH APPROVED BUILDING DRAWINGS	----	X	1705.5.1



**ENW STRUCTURAL ENGINEERS**  
Engineers Northwest Inc., P.S.  
18000 34RD AVE W., Suite 500, Lynnwood, WA 98036  
Ph: (206)922-7560, Fax: (206)922-6688  
www.engineersnw.com

**GENERAL NOTE**

MEZZANINE REMODEL  
7095 MARKET PL DRIVE,  
GOLETA, CA 93117

JOB NO:	97167021-3
ENGINEER:	A. SUNG
DRAWN:	N. NADERI
DATE:	11-14-2022
SHEET NO:	

S1.1

**GENERAL NOTE**  
REMODEL

THE FOLLOWING NOTES APPLY UNLESS NOTED OTHERWISE - ASTM'S NOTED ARE TO BE LATEST EDITION.

- DESCRIPTION  
BUILDING NAME & SITE LOCATION - COSTCO WHOLESALE - GOLETA, CA
- DESIGN CODE AND STANDARDS  
APPLICABLE CODE (EDITION/NAME) - 2019 CALIFORNIA BUILDING CODE (CBC)  
OTHER DOCUMENTS REFERENCED BY THESE NOTES SHALL BE THE SPECIFIC EDITION REFERENCED BY THE BUILDING CODE SPECIFIED ABOVE, OR IF NOT SPECIFIED, SHALL BE THE LATEST EDITION. CODE SUPPLEMENT & DATE - 2018 INTERNATIONAL BUILDING CODE - ASCE 7-16
- DESIGN LOADS  
a. MEZZANINE LIVE LOAD 100 PSF  
b. SEISMIC RISK CATEGORY II  
S<sub>s</sub> = 2.357, S<sub>i</sub> = 0.829, I<sub>e</sub> = 1.0, SITE CLASS "D" AND S<sub>0.1</sub> = 1.985  
SEISMIC DESIGN CATEGORY = "D"  
RESISTING SYSTEM (S) = LIGHT-FRAME (WOOD) WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE.  
C<sub>s</sub> = 0.169 (LRFD), R = 6.5  
c. LOAD COMBINATIONS ALL CODE REQUIRED LOAD COMBINATIONS ARE TO BE USED IN THE BUILDING DESIGN.

**OSHA STANDARDS**  
THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PROVISIONS OF THE CURRENT OSHA STANDARDS. THE GENERAL CONTRACTOR SHALL REVIEW THESE STRUCTURAL DRAWINGS FOR ANY NONCOMPLIANCE WITH OSHA STANDARDS, TAKING INTO ACCOUNT THE GENERAL CONTRACTOR'S MEANS AND METHODS. THE GENERAL CONTRACTOR SHALL INFORM ENW OF ANY NONCOMPLIANCE TO THE DRAWINGS THAT MAY BE MODIFIED FOR COMPLIANCE PRIOR TO CONSTRUCTION. THE GENERAL CONTRACTOR IS TOTALLY RESPONSIBLE FOR MEANS AND METHODS AS WELL AS JOBSITE SAFETY ON THIS PROJECT.

**CONCRETE**  
FC-4000 PSI, @ 28 DAYS 5-1/2 SACKS MINIMUM CEMENT PER CUBIC YARD FOR ALL CONCRETE SLABS. ADD SILKA FIBER MS20 (FORTAFERRO) AT 7.5 POUNDS PER CUBIC YARD DOSAGE FOR SLABS.  
FC-3000 PSI @ 28 DAYS 5-1/2 SACKS MINIMUM CEMENT PER CUBIC YARD FOR ALL OTHER. USE TYPE III CEMENT. USE TYPE III (HIGH EARLY STRENGTH) CEMENT IS ACCEPTABLE FOR SCHEDULE. FOR SPECIAL CONDITIONS ANOTHER TYPE CEMENT MAY BE REQUIRED. SUBMIT FOR APPROVAL. ULTIMATE STRENGTH DESIGN METHOD USED. MIXING AND PLACING OF ALL CONCRETE AND SELECTION OF MATERIALS SHALL BE IN ACCORDANCE WITH THE ACI CODE 318. PROPORTIONING OF AGGREGATE TO CEMENT SHALL BE SUCH AS TO PRODUCE A DENSE WORKABLE MIX WITH 4" MAXIMUM SLUMP (UNLESS SUPERPLASTICIZERS ARE USED) WHICH CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER. FOR ADMIXTURES, SEE SPECIFICATIONS. MAXIMUM WATER/CEMENT RATIO = 0.49. 3/4" CHAMFER ALL EXPOSED EDGES. UNLESS INDICATED OTHERWISE ON ARCHITECTURAL DRAWINGS. WATER CURING SHALL BE USED. AIR ENTRAIN ALL HORIZONTAL CONCRETE EXPOSED TO WEATHER WITH 3% TO 6% AIR BY VOLUME. DO NOT USE AIR ENTRAINMENT FOR INTERIOR SLABS ON GRADE. LIMIT WATER CEMENT RATIO TO 0.45 AND USE TYPE V CEMENT WHERE SOILS WATER SOLUBLE SULFATE EXCEEDS 0.20 PERCENT BY WT. ADD NO WATER TO CONCRETE AT SITE. IF INCREASED WORKABILITY IS REQUIRED, CONTRACTOR IS TO SUBMIT A MIX DESIGN THAT WILL ALLOW THE ADDITION OF A FIXED AMOUNT WATER REDUCING AGENT OR A FIXED AMOUNT OF SUPER-PLASTICIZER AT THE CONCRETE PLANT.

A. DO NOT USE FLY ASH, SLAG OR OTHER SUPPLEMENTARY CEMENTITIOUS MATERIALS IN CONCRETE EXPOSED TO WEATHER INCLUDING, BUT NOT LIMITED TO, INTERIOR FLOOR SLABS, ENTRY CANOPY SLABS, LOADING DOCK SLABS AND STAIRS, STEM WALLS, LOADING DOCK WALLS, COLUMNS OR PILASTERS, AND EXTERIOR WALLS (PADS).  
1. FLY ASH, SLAG AND OTHER SUPPLEMENTARY CEMENTITIOUS MATERIALS MAY BE USED ONLY IN BELOW GRADE CONCRETE SUCH AS FOOTINGS, FOUNDATION WALLS, GRADE BEAMS, AND SIMILAR CONCEALED LOCATIONS.  
2. FLY ASH, SLAG AND OTHER SUPPLEMENTARY CEMENTITIOUS MATERIALS MAY BE USED IF DETERMINED THAT THE USE OF SUPPLEMENTARY CEMENTITIOUS MATERIALS WOULD IMPROVE RESISTANCE TO ALKALI-AGGREGATE REACTIVITY IN CONCRETE. OBTAIN WRITTEN APPROVAL FROM OWNER PRIOR TO USE.  
ACI 308R IS TO BE FOLLOWED FOR COLD WEATHER CONCRETING. ACI 308R IS TO BE FOLLOWED FOR HOT WEATHER CONCRETING. THE TESTING LAB MUST APPROVE THE CONTRACTOR'S METHOD OF COMPLIANCE AND CERTIFY THEIR APPROVAL WITH EACH CONCRETE TEST CYLINDER THEY CAST. TESTING LAB TO NOTIFY THE ARCHITECT IMMEDIATELY BY FAX AND PHONE OF ANY NONCOMPLIANCE.

**REINFORCING STEEL**  
ALL CONCRETE REINFORCING STEEL SHALL BE DEFORMED PER ASTM A615, GRADE 60 (FY=60,000 PSI) LAP CONTINUOUS REINFORCING BARS 44 BAR DIAMETERS, 1'-10" MINIMUM UNLESS NOTED OTHERWISE. CORNER BARS (1'-10" BEND) TO BE PROVIDED FOR ALL HORIZONTAL REINFORCEMENT. DETAIL STEEL IN ACCORDANCE WITH ACI MANUAL OF STANDARD PRACTICE OF DETAILING REINFORCED CONCRETE STRUCTURES". WELDED WIRE FABRIC (WWF) TO CONFORM WITH ASTM A185. REINFORCING HOOKS TO COMPLY WITH STANDARD ACI HOOKS. COVER TO MAIN REINFORCEMENT TO BE:  
BOTTOM OF FOOTINGS 3 INCHES  
FORMED SURFACES WEATHER & EARTH FACE 1-1/2 INCHES  
INTERIOR FACE 3/4 INCHES

SHOULD THE REINFORCING SUPPLIER AND/OR DETAILER CHOOSE TO USE SOFT METRIC, EACH AND EVERY REBAR CALL OUT MUST BE INDICATED WITH BOTH SIZES WITH THE IMPERIAL SIZE FIRST THUS: "4#11.7 NO EXCEPTIONS. A CONVERSION TABLE ALONE IS UNACCEPTABLE. WE WILL CHECK THE SHOP DRAWINGS TO THE IMPERIAL SIZES ONLY. IT WILL BE THE RESPONSIBILITY OF THE REINFORCING SUPPLIER AND THE GENERAL CONTRACTOR TO VERIFY THAT ALL CONVERSIONS TO METRIC SUPPLY AT LEAST THE SAME AREA OF STEEL AS THE IMPERIAL.

**STRUCTURAL STEEL AND MISCELLANEOUS STEEL**  
ALL WORK IN ACCORDANCE WITH "AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", AND THE "CODE OF STANDARD PRACTICE" STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING STANDARDS:  
WIDE FLANGE SHAPES ASTM A992 (FY=50,000 PSI)  
OTHER SHAPES AND PLATES ASTM A36 (FY=36,000 PSI)  
TUBE COLUMNS ASTM A-500, GRADE B (FY=46,000 PSI)  
WELDED STUDS ASTM A-108 (FY=50,000 PSI)  
ALL-THREAD ASTM F1554, GRADE 36 (FY=36,000 PSI)  
MACHINE BOLTS ASTM A-307  
HIGH STRENGTH BOLTS ASTM A-325N (U.N.O.)  
ALL STRUCTURAL STEEL BOLTED CONNECTIONS AT MECHANICAL PLATIFORMS ARE ASTM A-325 TYPE N CONNECTIONS - BEARING TYPE WITH THREADS INCLUDED IN SHEAR PLANE CONNECTIONS ARE NON-SLIP CRITICAL AND BOLTS NEED TO BE TIGHTENED "SNUG TIGHT" ONLY EXCEPT AT FRAMES. PROVIDE WASHERS AT OUTER PLYS WITH SLOTTED HOLES. INSTALL A-325 BOLTS IN ACCORDANCE WITH "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS" (12/31/09). PROVIDE MINIMUM EMBEDMENT FOR ANCHOR BOLTS AS NOTED ON DRAWINGS. ALL WELDING TO CONFORM WITH AWS D1.1 "CODE FOR WELDING IN BUILDING CONSTRUCTION". WELDS NOT SPECIFIED SHALL BE 1/4" CONTINUOUS FILLET MINIMUM. ALL WELDS BY CERTIFIED WELDERS. USE FRESH 70XX ELECTRODES FOR MANUAL SHIELDED METAL-ARC WELDING OR EQUAL ELECTRODES. WELDHEAD STUDS (WHS) ARE TO BE MACHINE WELDED WITH PROPER EQUIPMENT. SEE SPECIFICATIONS FOR ITEMS TO BE GALVANIZED.

**CONCRETE AND MASONRY ANCHORS (BOLTS, THREADED RODS AND REBAR DOWELS)**  
DRILLED IN EXPANSION ANCHORS:  
CONCRETE HILTI KWIK BOLT TZ PER ESR-1917  
CMU HILTI KWIK BOLT 3 PER ESR-1385  
ADHESIVE ANCHORS:  
CONCRETE HILTI HIT-RE 500 V3 PER ESR-3814 AND HILTI HIT-HY 200-R PER ESR-3187  
CMU HILTI HIT-HY 270 PER ESR-4143  
UNREINFORCED MASONRY HILTI HIT-HY 270 PER ESR-4144  
CAST IN PLACE ANCHORS:  
CONCRETE EMBED PER PLANS AND SECTIONS  
CMU EMBED PER PLANS AND SECTIONS  
SCREW ANCHORS:  
CONCRETE HILTI KWIK HUS-EZ (KH-EZ) AND HUS-EZ1 (KH-EZ1) PER ESR-3027  
CMU HILTI KWIK HUS-EZ (KH-EZ) PER ESR-3056

ADHESIVE ANCHORS SHALL BE INSTALLED IN CONCRETE HAVING A MINIMUM AGE OF 21 DAYS AT TIME OF INSTALLATION PER ACI 318 - 14 SECTION 17.1.2 INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED TO SUPPORT TENSION LOADS SHALL BE PERFORMED BY CERTIFIED PERSONNEL IN CONFORMANCE TO ACI 318 - 14 SECTION 17.8.2.2.

FOLLOW INSTALLATION PROCEDURES OF ESR REPORT AND MANUFACTURER'S INSTRUCTIONS. PROVIDE SPECIAL INSPECTION AS NOTED AND/OR REQUIRED BY ESR REPORT. SUBSTITUTIONS ARE NOT ALLOWED UNLESS WRITTEN APPROVAL BY ENW IS RECEIVED. SUBSTITUTIONS MUST BE SUBMITTED TO ENW FOR REVIEW PRIOR TO CONSTRUCTION. PROVIDE STAINLESS STEEL OR GALVANIZED ANCHORS FOR EXTERIOR APPLICATIONS AS REQUIRED. ANCHORS RATED FOR DRY INTERIOR CONDITIONS MAY NOT BE USED FOR EXTERIOR APPLICATIONS PER ESR REPORT.

**STEEL ROOF DECK**  
VERCO HSB-36 1-1/2" HIGH X 36" WIDE GALVANIZED STEEL ROOF DECK. CONFORM WITH ASTM A 653, SS, GRADE 50, WITH MINIMUM YIELD STRENGTH FY=50,000 PSI WITH G60 GALVANIZED COATING. MATERIALS AND INSTALLATION SHALL ALSO CONFORM WITH IAFM REPORT NUMBER 2018. SEE PLAN FOR DECK GAGE AND CONNECTIONS. SEE ARCH. FOR PRIME PAINT REQUIREMENTS. MINIMUM EFFECTIVE FUSION AREA OF PUDDLE WELDS MUST BE 3/8" BY 1" OR 1/2" NET DIAMETER (3/4" MIN. DIAMETER VISUAL). SEAM WELDS MUST BE A MINIMUM OF 1-1/2". COMPLY WITH AWS D1.3. USE NO CONCRETE CONTAINING ADMIXTURES OF CHLORIDE OR CHLORIDE SALTS ON ROOF DECK. USE VERCO SHEARTRANZ WHERE INDICATED ON PLAN. OTHER ROOF DECKS AND ATTACHMENT PATTERNS MAY BE CONSIDERED PROVIDED THEY HAVE AN EQUIVALENT DIAPHRAGM STRENGTH AND STIFFNESS AND GRAVITY LOAD CAPACITY.

**FRAMING LUMBER**  
GRADES & STRESSES SHALL CONFORM WITH LATEST EDITION OF "WESTERN LUMBER GRADING RULES"; WMPA OR "STANDARD NO. 17 GRADING RULES FOR WEST COAST LUMBER"; WCLB. ALL LUMBER SAS AND S-DRY UNLESS NOTED OTHERWISE. UNLESS NOTED OTHERWISE, USE THE FOLLOWING:

SPECIES	GRADE	BASE VALUE FB
VISUALLY GRADED DIMENSION LUMBER (2" TO 4" THICK BY 2" & WIDER)		
STUDS - TYPICAL	DOUG FIR	STANDARD 525 PSI
STUDS - WHERE NOTED	DOUG FIR	#2 900 PSI
JOISTS & RAFTERS - TYPICAL	DOUG FIR	#2 900 PSI
JOISTS & RAFTERS - WHERE NOTED	DOUG FIR	#1 1000 PSI
PLATES & LEDGERS	DOUG FIR	#2 900 PSI
BEAMS & HEADERS - TYPICAL	DOUG FIR	#2 900 PSI
VISUALLY GRADED TIMBERS (6"x5" & LARGER)		
BEAMS & STRINGERS (WIDTH MORE THAN 2" OF THICKNESS)	DOUG FIR	#1 1350 PSI
POSTS & TIMBERS (WIDTH 2" OR MORE OF THICKNESS)	DOUG FIR	#1 1200 PSI

EACH PIECE SHALL BEAR A VALID GRADE STAMP THAT IS NOT TO BE REMOVED. BOLT HEADS AND NUTS BEARING AGAINST WOOD SHALL BE PROVIDED WITH STANDARD CUT WASHERS. ALL BASE VALUE STRESSES TO BE ADJUSTED WITH APPROPRIATE SIZE FACTORS. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE TREATED. USE STANDARD LENGTH COMMON NAILS CONFORMING WITH FEDERAL SPECIFICATION FF-N-105B FOR ALL NAILING EXCEPT WHERE SHORTER NAILS PROVIDE THE REQUIRED PENETRATION IN DIAPHRAGMS.

ALL FASTENERS, CONNECTORS, AND ANCHORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL, ZMAX (G185 HDG PER ASTM A653), HOT-DIP GALVANIZED (HDG) PER ASTM A123 FOR CONNECTORS AND ASTM A153 FOR FASTENERS, OR MECHANICALLY GALVANIZED FASTENERS PER ASTM B695, CLASS 55 OR GREATER.

PROVIDE MIN. NAILING PER IRC TABLE 2304.10.1 UNLESS NOTED OTHERWISE. ALL HANGERS, TIES AND CONNECTORS ARE SIMPSON. OTHER MANUFACTURERS WITH ICC-ES APPROVED LOAD CAPACITIES EQUAL TO OR GREATER THAN THAT SPECIFIED MAY BE USED. NAIL ALL HOLES WITH NAILS AS SPECIFIED BY MANUFACTURER. CUT NO HOLES IN ANY STRUCTURAL FRAMING WITHOUT ENGINEERS APPROVAL, EXCEPT THAT 1-INCH DIAMETER HOLES MAY BE DRILLED IN 2X STUDS AND PLATES--NO MORE THAN ONE HOLE EVERY 6-INCHES.

**TIMBER**  
GRADES & STRESSES SHALL CONFORM WITH LATEST EDITION OF "WESTERN LUMBER GRADING RULES"; WMPA OR "STANDARD NO. 17 GRADING RULES FOR WEST COAST LUMBER"; WCLB. ALL LUMBER SAS AND S-DRY UNLESS NOTED OTHERWISE. UNLESS NOTED OTHERWISE, USE THE FOLLOWING:  
2X(S4S) ROOF STIFFENERS D.F.#1  
2X(S4S) ROOF STIFFENERS D.F.#2  
4X ROOF PURLINS (ROUGH) D.F.#1  
4X PLATES, BLOCKING & LEDGERS D.F.#2  
LUMBER NOT NOTED TO BE D.F.#2  
EACH PIECE SHALL BEAR A VALID GRADE STAMP THAT IS NOT TO BE REMOVED. BOLT HEADS AND NUTS BEARING AGAINST WOOD SHALL BE PROVIDED WITH STANDARD CUT WASHERS. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE TREATED. ALL NAILS TO BE COMMON NAILS, UNLESS INDICATED OTHERWISE. NO SUBSTITUTION OF OTHER SPECIES FOR DOUGLAS FIR ALLOWED.

ALL FASTENERS, CONNECTORS, AND ANCHORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL, ZMAX (G185 HDG PER ASTM A653), HOT-DIP GALVANIZED (HDG) PER ASTM A123 FOR CONNECTORS AND ASTM A153 FOR FASTENERS, OR MECHANICALLY GALVANIZED FASTENERS PER ASTM B695, CLASS 55 OR GREATER.

PROVIDE MIN. NAILING PER IRC TABLE 2304.10.1 UNLESS NOTED OTHERWISE. ALL HANGERS, TIES AND CONNECTORS ARE SIMPSON. OTHER MANUFACTURERS WITH ICC-ES APPROVED LOAD CAPACITIES EQUAL TO OR GREATER THAN THAT SPECIFIED MAY BE USED. NAIL ALL HOLES WITH NAILS AS SPECIFIED BY MANUFACTURER. CUT NO HOLES IN ANY STRUCTURAL FRAMING WITHOUT ENGINEERS APPROVAL, EXCEPT THAT 1-INCH DIAMETER HOLES MAY BE DRILLED IN 2X STUDS AND PLATES--NO MORE THAN ONE HOLE EVERY 6-INCHES.

**PLYWOOD WEB JOIST**  
DESIGN & MANUFACTURED BY REDBUILT IN ACCORDANCE WITH ICC REPORT ESR-2994 LATEST EDITION. PROVIDE & INSTALL WEB STIFFENERS AS SHOWN OR REQUIRED.  
DEAD LOAD ON FLOOR 18 PSF  
DEAD LOAD ON ROOF 15 PSF  
HOLES IN WEBS SHALL BE IN ACCORDANCE WITH MANUFACTURER. SUPPORT CONCENTRATED LOADS IN ACCORDANCE WITH MANUFACTURER. VERIFY ALL MECHANICAL & ELECTRICAL & OTHER EQUIPMENT; PROVIDE ADDITIONAL JOISTS AS REQUIRED.  
**WOOD STRUCTURAL PANELS**  
CONFORM WITH U.S. DEPARTMENT OF COMMERCE VOLUNTARY PRODUCT STANDARDS, PS1-09, STRUCTURAL PLYWOOD OR PS 2-18, PERFORMANCE STANDARD FOR WOOD BASED STRUCTURAL-USE PANELS. ALL PANELS RATED EXPOSURE 1. SEE PLANS FOR NAILING SPACING.  
ROOF SHEATHING: 1932; CDX 32/16. NAIL WITH 10D (14# DIAMETER X 3") COMMON NAILS WITH 1-5/8" MINIMUM PENETRATION.  
PROVIDE PLYWOOD SHEATHING CLIPS ON UNSUPPORTED EDGES MIDWAY BETWEEN FRAMING MEMBERS. SPACE NAILS AT 6" ON CENTER AT ALL EDGES AND 12" ON CENTER FIELD NAILING (BLOCK UNSUPPORTED EDGES WITH 2X FLAT) UNLESS NOTED OTHERWISE ON PLANS OR DIAPHRAGM SCHEDULE.  
WALL SHEATHING: 1532; CDX 240 STRUCTURAL 1. NAIL WITH 10D (14# DIAMETER X 3") COMMON NAILS WITH 1-5/8" MINIMUM PENETRATION. SPACE NAILS AT 6" ON CENTER AT ALL EDGES AND 12" ON CENTER FIELD NAILING (BLOCK UNSUPPORTED EDGES WITH 2X FLAT) UNLESS NOTED OTHERWISE ON PLANS OR DIAPHRAGM SCHEDULE.

FLOOR SHEATHING: 1532; CDX 240 STRUCTURAL 1. NAIL WITH 10D (14# DIAMETER X 3") COMMON NAILS WITH 1-5/8" MINIMUM PENETRATION. GLUE PLYWOOD TO SUPPORTS AND AT T & G JOINTS WITH ADHESIVE CONFORMING TO APA SPECIFICATION AFG-01. SPACE NAILS AT 6" ON CENTER AT ALL EDGES AND 12" ON CENTER FIELD NAILING (BLOCK UNSUPPORTED EDGES WITH 2X FLAT) UNLESS NOTED OTHERWISE ON PLANS OR DIAPHRAGM SCHEDULE.

**GLU-LAMINATED WOOD MEMBERS**

GLU-LAMINATED WOOD BEAMS, COAST REGION DOUGLAS FIR CONFORMING WITH ANSI A190 1-17 AND A10 117-15 OF APA-EWS Y117. USE COMBINATION EWS 24F-V4 (DF/DF) FB-2400, FVX = 265 PSI FOR SIMPLE SPAN BEAMS AND COMBINATION EWS 24F-1BE (DF/DF) FB-2400, FVX = 265 PSI FOR CANTILEVERED BEAMS. BOTTOM LAM TO BE FREE OF UNSOUND KNOTS LARGER THAN 1/2" DIAMETER. MATERIAL MUST BE OBTAINED FROM AN APPROVED FABRICATOR. ALL GLU-LAM BEAMS SHALL FIT SNUG AND TIGHT IN THEIR CONNECTIONS AND DEVELOP FULL BEARING AS INDICATED. PROVIDE ATTC OR APA-EWS STAMP ON EACH MEMBER AND SUBMIT ATTC OR APA-EWS CERTIFICATE. ADHESIVE TO BE "WET USE". INDUSTRIAL APPEARANCE GRADE.

**SUSPENDED CEILING**

CEILING SYSTEMS AND THEIR CONNECTIONS TO THE BUILDING STRUCTURE SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE CISCA RECOMMENDATIONS FOR CISCA SEISMIC ZONES 3-4 AND THE ADDITIONAL REQUIREMENTS OF ASCE 7-16 SECTION 13.6.5.2.2. PROVIDE SPECIAL INSPECTION AS REQUIRED BY CODE.

**SPECIAL INSPECTIONS**

INSPECTIONS ARE TO BE PER THE CODE INDICATED ABOVE AND ARE TO BE BY AN INDEPENDENT TESTING LAB APPROVED PRIOR TO STARTING CONSTRUCTION BY THE BUILDING DEPT. AND THE ARCHITECT. INSPECT ALL SHOP WELDING UNLESS THE SHOP IS CERTIFIED BY THE LOCAL BUILDING DEPARTMENT.

FOUNDATION: SOILS ENGINEER TO INSPECT FOOTING EXCAVATIONS AND PROVIDE COMPACTION TESTS AS NOTED ABOVE.

CONCRETE: TAKE CONCRETE CYLINDERS AS REQUIRED. VERIFY SLUMP AND STRENGTH. SPECIAL INSPECTION IS REQUIRED DURING THE TAKING OF TEST SPECIMENS AND PLACING OF ALL REINFORCED CONCRETE.

REINFORCING: VERIFY ALL REINFORCING IS PLACED IN ACCORDANCE WITH THESE DRAWINGS. CHECK FOR REQUIRED COVER, SIZE, SPACING, LAP AND GRADE. SPECIAL INSPECTION IS REQUIRED DURING THE PLACING OF REINFORCING STEEL.

WELDING: SPECIAL INSPECTION IS REQUIRED DURING ALL STRUCTURAL WELDING. INSPECT ALL FIELD WELDING. VERIFY CERTIFICATION OF WELDERS. CONTRACTOR SHALL PAY FOR REWELDING AND REINSPECTION OF ALL WELDS NOT MEETING SPECS. INSPECTOR SHALL NOTIFY STRUCTURAL ENGINEER OF WELDS NOT MEETING SPECS.

CONC EXPANSION & MASONRY ANCHORS & DRILLED-IN DOWELS: COPY OF ICC REPORT FOR ANCHORS OR ADHESIVE SYSTEM USED MUST BE AVAILABLE AT JOB SITE. VERIFY ANCHOR OR ADHESIVE SYSTEM INSTALLATION IN ACCORDANCE WITH REPORT.

STEEL: STANDARDS. IN ACCORDANCE WITH TABLE ON S0.3 AND REFERENCED

CONTINUOUS INSPECTION:  
SLIP-CRITICAL (SC) HIGH STRENGTH BOLTED CONNECTIONS, COMPLETE AND PARTIAL PENETRATION GROOVE WELDS, NON-DESTRUCTIVE TESTING IS REQUIRED FOR ALL COMPLETE PENETRATION WELDS - SHOP AND FIELD.  
MULTIPASS FILLET WELDS:  
SINGLE-PASS FILLET WELDS GREATER THAN 5/16-INCH.  
WELDING OF REINFORCING IN INTERMEDIATE AND SPECIAL MOMENT FRAMES. BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT.  
PERIODIC INSPECTION:  
VERIFY HIGH-STRENGTH BOLT IDENTIFICATION MARKINGS CONFORM TO SPECIFIED ASTM STANDARDS. REVIEW OF MANUFACTURER'S CERTIFICATE OF COMPLIANCE.  
INSTALLATION OF BEARING-TYPE BOLTED CONNECTIONS, SINGLE-PASS FILLET WELDS 5/16-INCH OR LESS.  
FLOOR AND ROOF DECK WELDS:  
COLD-FORMED STEEL FRAME WELDING.  
WELDING OF STAIRS AND RAILINGS.  
WELDING OF STUDS.  
VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706.  
WELDING OF REINFORCING STEEL OTHER THAN THAT REQUIRING CONTINUOUS INSPECTION.  
STEEL JOINTS AND CONNECTIONS FOR COMPLIANCE WITH PLANS.

LIGHT GAGE STEEL FRAMING: VERIFY SIZE, GAGE AND SPACING. INSPECT WELDING. VERIFY CERTIFICATION OF WELDERS.

WOOD CONSTRUCTION: CONTINUOUS INSPECTION: HIGH-LOAD DIAPHRAGMS NOTED ON PLANS.

PERIODIC INSPECTION:  
NAILING, BOLTING OF ALL WALL ANCHORS, LEDGERS, DRAG BEAMS AND CONNECTIONS, AND HOLD-DOWNS.  
CALL ENGINEER FOR NAILING REVIEW PRIOR TO COVERING SHEAR WALLS AND DIAPHRAGMS.

**SHOP DRAWINGS**

SUBMIT 4 SETS OF PRINTS (U.N.O. BY ARCHITECT), OR ELECTRONIC PDF FILES, OF SHOP DRAWINGS TO ENGINEER FOR REVIEW AFTER CONTRACTOR HAS REVIEWED & STAMPED FOR COMPLIANCE AND PRIOR TO FABRICATION FOR: STRUCTURAL STEEL, MISCELLANEOUS STEEL AND REINFORCING STEEL. WHEN SHOP DRAWINGS SUPPLIER MAKES A CHANGE FROM THESE DRAWINGS IT IS TO BE CLEARLY FLAGGED AND CLOUDED. CHANGES NOT FLAGGED AND CLOUDED ARE TO BE CONSIDERED AS UNACCEPTABLE EVEN WITHOUT BEING COMMENTED ON IN THE SHOP DRAWING REVIEW PROCESS. THE SUPPLIER OF THE ITEM CONTAINING THE CHANGE SHALL BE RESPONSIBLE FOR CHANGING THE ITEM BACK TO AGREE WITH THESE DRAWINGS AT NO COST TO THE OWNER AT E.N.W.'S OPTION. "SHOP DRAWINGS ARE AN ERECTION AID, AND STRUCTURAL DRAWINGS SHALL TAKE PRECEDENT OVER THE SHOP DRAWINGS...".

**SPECIAL CONDITIONS**

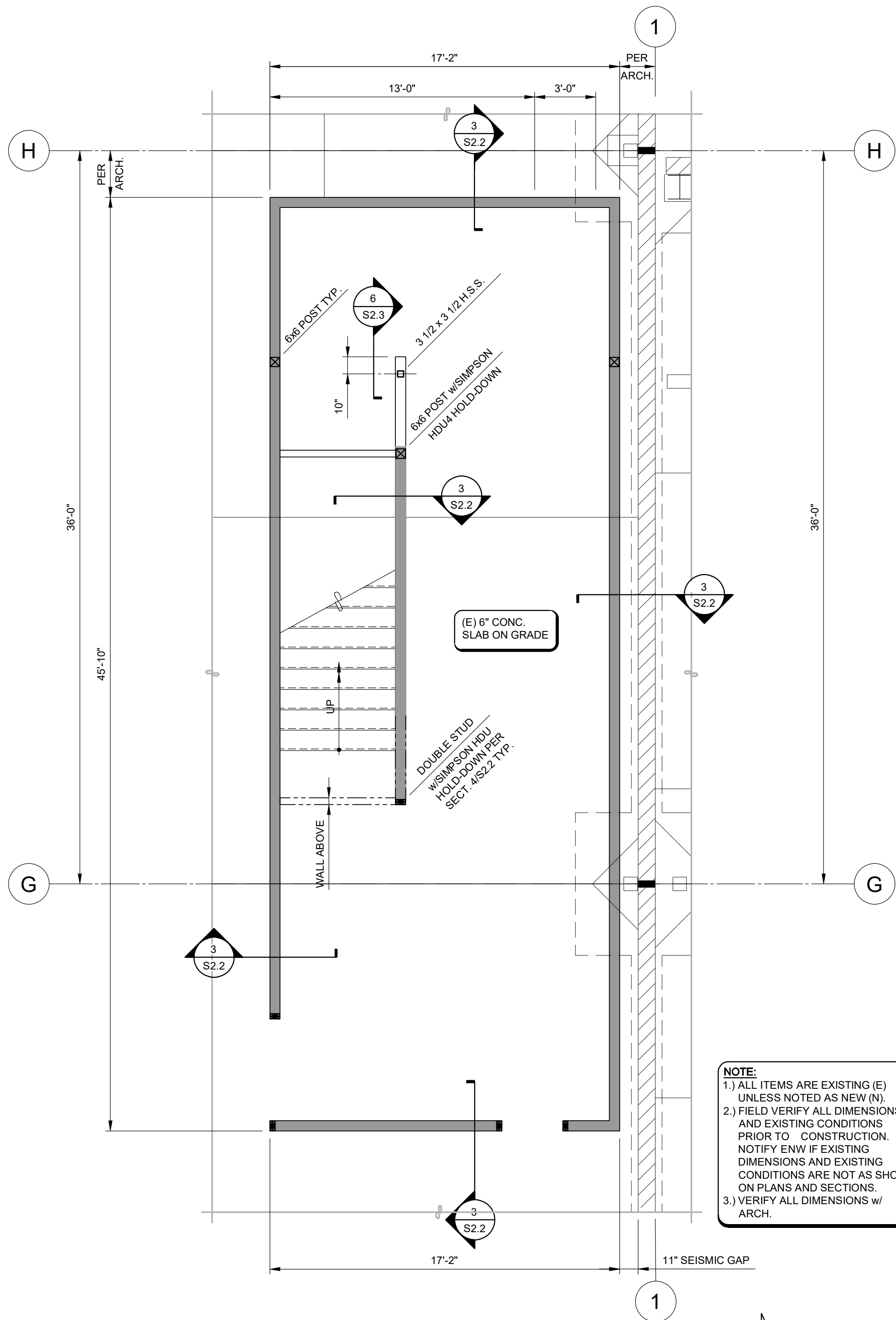
CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL PROVIDE ADEQUATE SHORING AND BRACING OF ALL STRUCTURAL MEMBERS DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL FIELD CHANGES PRIOR TO INSTALLATION.

**NOTE TO MECHANICAL AND ELECTRICAL TRADES**

CONTRACTOR SHALL SUBMIT PLANS SHOWING LOCATION, LOAD AND ANCHORAGE OF ALL HANGERS SUPPORTING ANY MECHANICAL, ELECTRICAL, PLUMBING OR SPRINKLER LOADS IN EXCESS OF 50 POUNDS. ANY ROOF MOUNTED EQUIPMENT SHALL BE INCLUDED IN THESE PLANS AND SHALL SHOW LOADS AND LOCATIONS. THESE SHALL BE SUBMITTED TO ENGINEERS NORTHWEST FOR REVIEW PRIOR TO INSTALLATION OF ANY OF THIS EQUIPMENT. SEE DETAILS ON DRAWING 55.1 FOR SUPPORTING LOADS FROM ROOF JOISTS. ALL DETAILS OF CONNECTIONS TO THE STRUCTURE FOR EQUIPMENT SHALL BE BY THE SUPPLIER OF THAT EQUIPMENT. THE BUILDING DEPARTMENT REQUIRES A SUBMITTAL FOR PLAN CHECK REGARDING THE DESIGN OF THESE DETAILS, IT IS THE RESPONSIBILITY OF THE EQUIPMENT SUPPLIER TO PROVIDE THIS SUBMITTAL.

**ABBREVIATIONS**

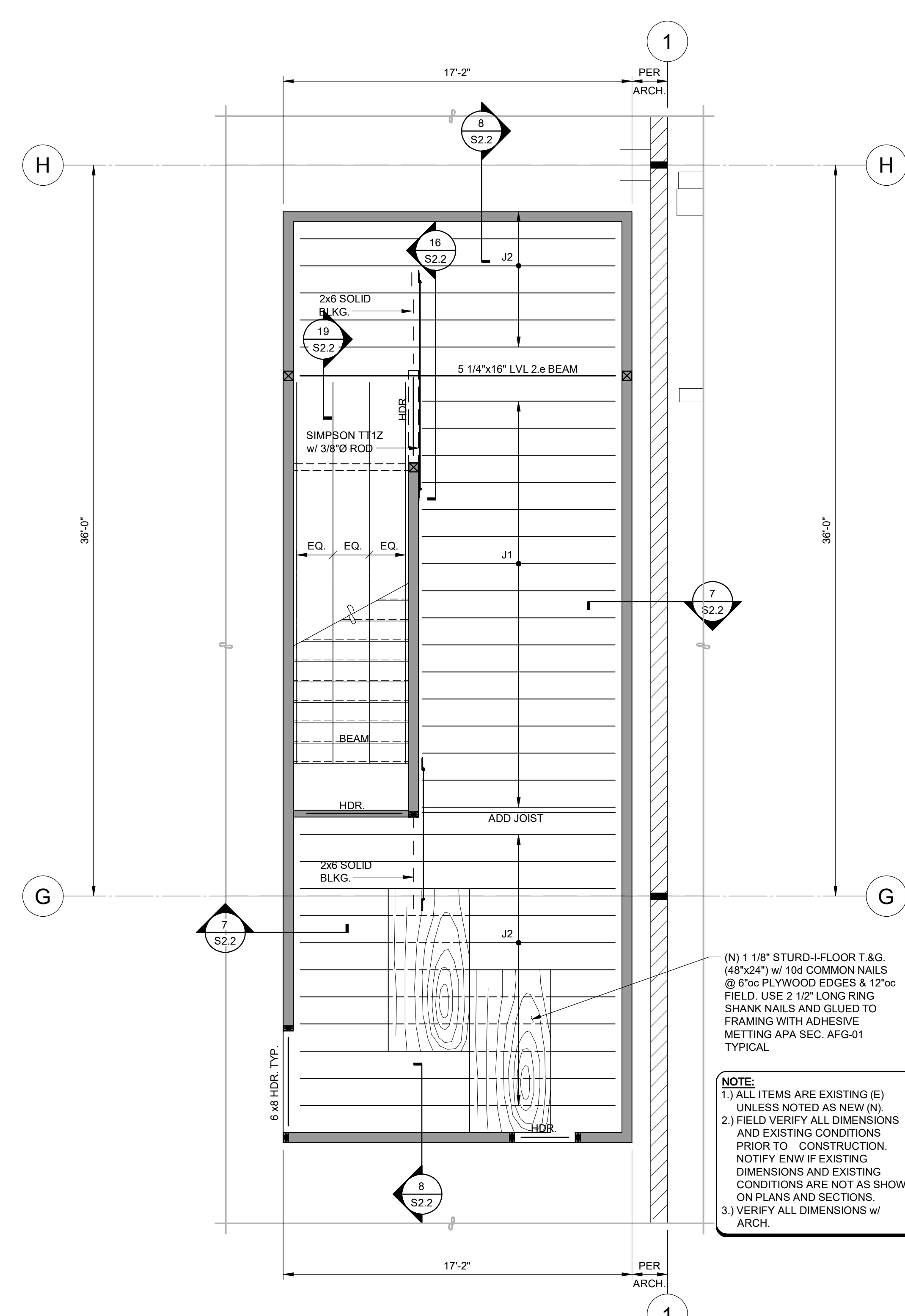
ARCHITECT	ARCHITECT
BAL.	BALANCE
B. OR BOT.	BOTTOM
B.TWN.	BETWEEN
BLDG.	BUILDING
BRG.	BEARING
C.I.P.	CAST IN PLACE
C.J.	CONSTRUCTION JOINT
CL.	CENTERLINE
CLR.	CLEAR
CMU	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
C.S.J.	CLOSURE STRIP JOINT
EA.	EACH
E.E.	EACH END
E.F.	EACH FACE
E.J.	EXPANSION JOINT
EL. OR ELEV.	ELEVATION
E.N.W. OR ENW	ENGINEERS NORTHWEST
EQ.	EQUAL
E.S.	EACH SIDE
E.W.	EACH WAY
F.O.C.	FACE OF CONCRETE
F.O.S.	FACE OF STUD
F.W.	FACE OF WALL
FTG.	FOOTING
GAGE.	GAGE
GALV.	HOT DIP GALVANIZED
G.B.	GYPSSUM WALL BOARD
H. OR HORIZ.	HORIZONTAL
I.B.C.	INTERNATIONAL BUILDING CODE
I.C.C.	INTERNATIONAL CODE COUNCIL
I.F.	INSIDE FACE
INC.	INCLUDING
K.	KIP (1000 POUNDS)
L.	LONG WAY
M.B.S.	METAL BLDG SUPPLIER
N.F.	NEAR FACE
N.T.S.	NOT TO SCALE
OC	ON CENTER
O.F.	OUTSIDE FACE
O.S.	OUTSIDE
O.T.O.	OUT TO OUT
PL	PLATE
REINF.	REINFORCING
REM.	REMAINER
R.O.	ROUGH OPENING
SECT.	SECTIONS
SIM.	SIMILAR
S.J.	SHRINKAGE JOINT
STL.	STEEL
SW	SHEARWALL
SYMM.	SYMMETRICAL
T.	TOP
T.B.	TOP OF BEAM
T.F.	TOP OF FOOTING
T.S.	TOP OF STEEL
	TOP OF SLAB
	TOP OF WALL
TYP.	TYPICAL AT ALL SIMILAR PLACES
U.N.O.	UNLESS NOTED OTHERWISE
V.E.F.	VERTICAL EACH FACE
VERT.	VERTICAL
V.F.F.	VERTICAL FAR FACE
VFY.	VERIFY
V.I.F.	VERTICAL INSIDE FACE
V.N.F.	VERTICAL NEAR FACE
W.A.B. O	WASHINGTON ASSOC. OF BUILDING OFFICIALS
W.	WITH
WO	WITH OUT
W.H.S.	WELD HEAD STUD
@	AT



1 PARTIAL FOUNDATION PLAN

- NOTES:
- 1.) TOP OF SLAB ON GRADE IS AT DATUM ELEVATION 0'-0" (U.N.O.)
  - 2.) SEE DWG. S1.1 FOR GENERAL NOTES
  - 3.) CENTER ALL FOOTING ON POST AND WALL, TYP. U.N.O.
  - 4.) ALL WALL SHOWN THUS: ARE SHEAR WALLS. PROVIDE SIMPSON HDU4 HOLD-DOWN EACH END OF SHEAR WALL TYPICAL.

NOTE:  
 1.) ALL ITEMS ARE EXISTING (E) UNLESS NOTED AS NEW (N)  
 2.) FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY ENW IF EXISTING DIMENSIONS AND EXISTING CONDITIONS ARE NOT AS SHOWN ON PLANS AND SECTIONS.  
 3.) VERIFY ALL DIMENSIONS w/ ARCH.

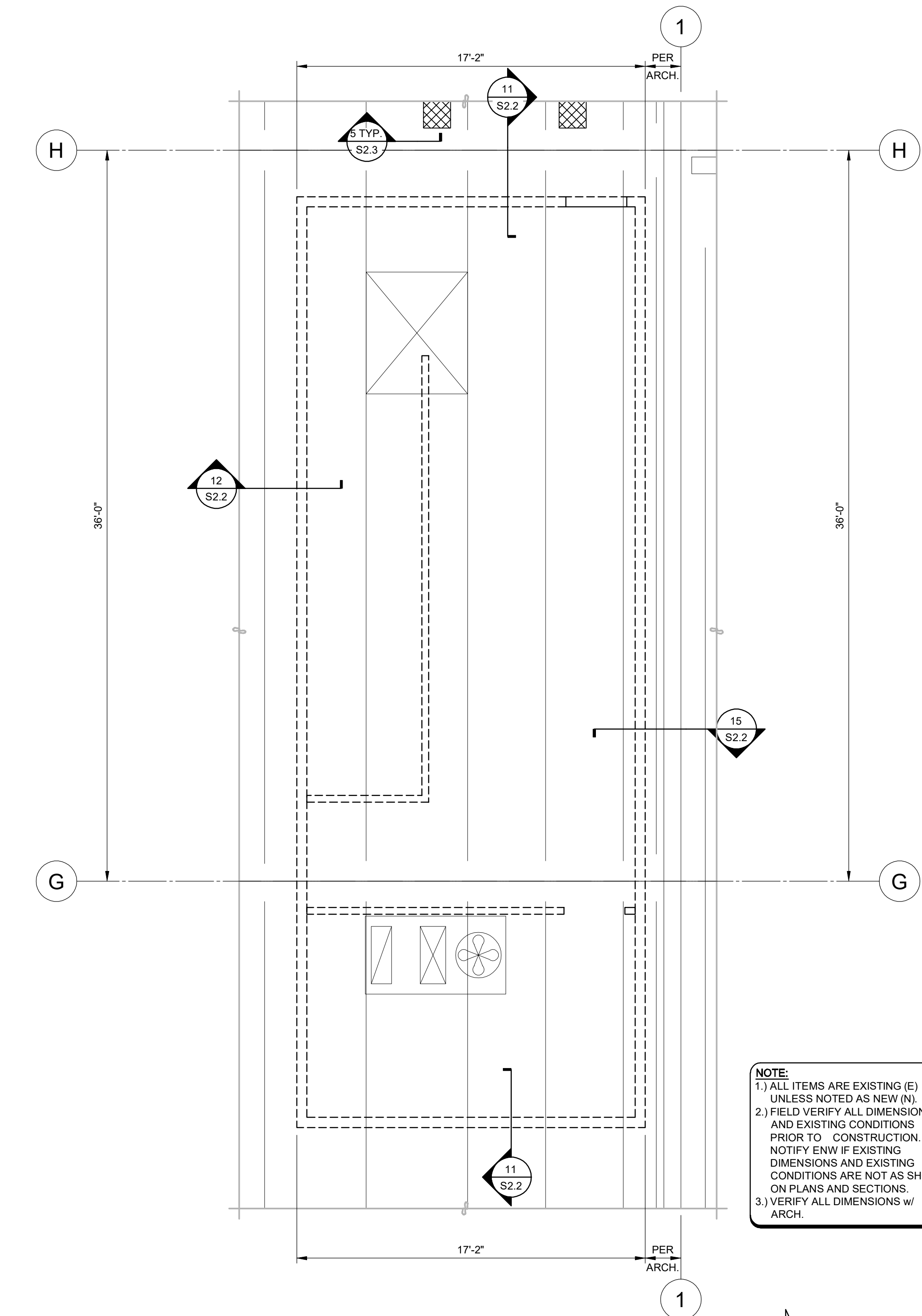


2 MEZZANINE FRAMING PLAN

- NOTES:
- 1.) [ ] INDICATES TOP OF FRAMING ELEVATION (BOTTOM OF PLYWOOD) ABOVE DATUM. TOP OF FRAMING IS 12'-6"
  - 2.) VERTICAL DESIGN LOAD IS: DL=15PSF LL=100PSF
  - 3.) PLATFORM SEISMIC LATERAL LOAD BASED ON PLATFORM SELF WT. ON THE FLOOR
  - 4.) CENTER BEAMS ON COLUMNS.

NOTE:  
 1.) ALL ITEMS ARE EXISTING (E) UNLESS NOTED AS NEW (N)  
 2.) FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY ENW IF EXISTING DIMENSIONS AND EXISTING CONDITIONS ARE NOT AS SHOWN ON PLANS AND SECTIONS.  
 3.) VERIFY ALL DIMENSIONS w/ ARCH.

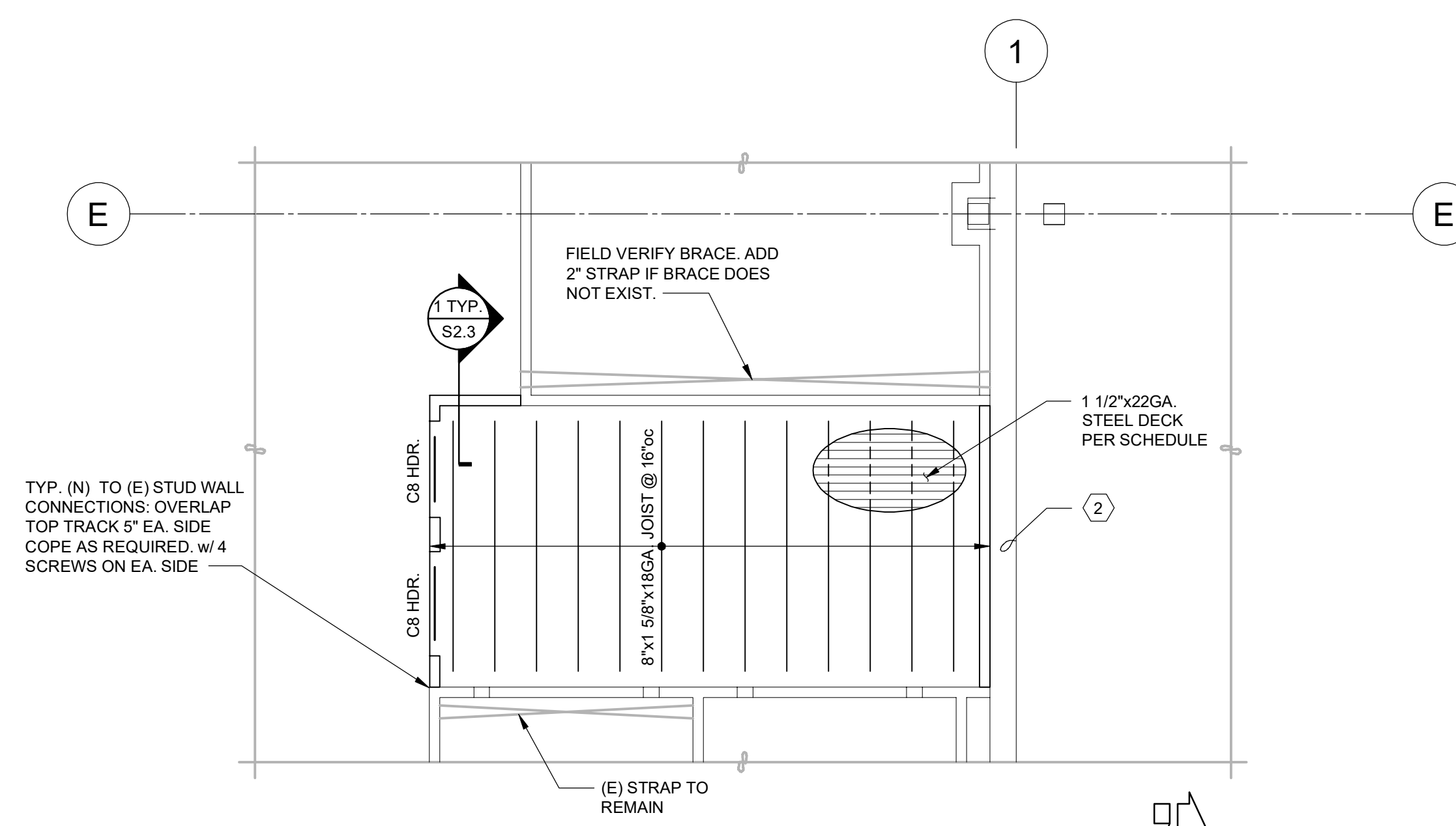
JOIST MARK	JOIST TYPE	JOIST SPACING
J1	190HS 11 7/8"	16"oc
J2	190HS 11 7/8"	16"oc



3 PARTIAL ROOF FRAMING PLAN

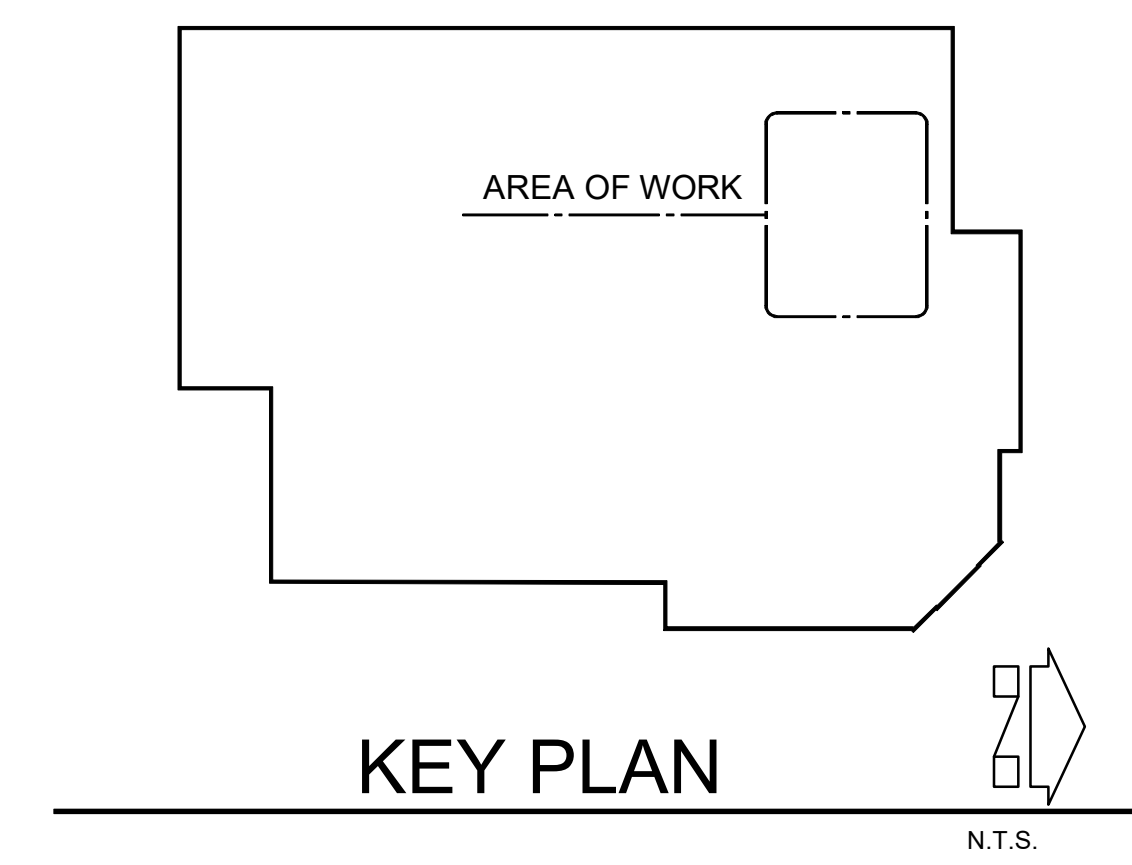
- NOTES:
- 1.) [ ] INDICATES TOP OF FRAMING ELEVATION (BOTTOM OF DECK) ABOVE DATUM.
  - 2.) [ ] INDICATES TOP OF PARAPET ELEVATION ABOVE DATUM.
  - 3.) CONTRACTOR AND TRUSS SUPPLIER TO VERIFY MU WEIGHTS AND LOCATIONS.
  - 4.) SEE ARCH. DWGS. FOR LOCATIONS & SIZES OF FIRE SPRINKLER MAINS.

NOTE:  
 1.) ALL ITEMS ARE EXISTING (E) UNLESS NOTED AS NEW (N)  
 2.) FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY ENW IF EXISTING DIMENSIONS AND EXISTING CONDITIONS ARE NOT AS SHOWN ON PLANS AND SECTIONS.  
 3.) VERIFY ALL DIMENSIONS w/ ARCH.



4 M.P.U. CEILING FRAMING PLAN

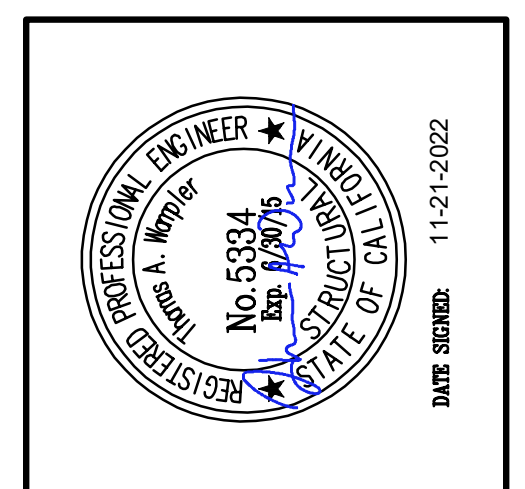
- NOTES:
- 1.) TOP OF WALL/FRAMING IS AT 12'-0" TYP. (U.N.O.)
  - 2.) SEE DETAIL 1/S2.3 FOR TYP. FRAMING DTLS & APPLICABLE SCHEDULES (U.N.O.)
  - 3.) DO NOT HAVE STORAGE OF ANY KIND ON DECKING
  - 4.) WHERE "HILT" BRAND ADHESIVE ANCHORS ARE CALLED OUT DO NOT SUBSTITUTE OTHER BRAND ANCHORS WITHOUT WRITTEN APPROVAL OF E.N.W. NOTE: ONLY ANCHORS WITH CURRENT CODE APPROVED VALUES WILL BE CONSIDERED.
  - 5.) WHERE BEARING WALLS SUPPORT JOISTS @ 16"oc SPACE THE STUDS @ 16"oc DIRECTLY BELOW JOISTS. WHERE BEARING WALLS SUPPORT JOISTS @ 24"oc OR 48"oc SPACE THE STUDS @ 24"oc DIRECTLY BELOW JOISTS. WHERE WALLS ARE PARALLEL TO JOISTS SPACE THE STUDS @ 24"oc SEAT STUD WEBS TIGHT TO WEB OF TOP & BOT. TRACKS, TYP.
  - 6.) PROVIDE JOIST BLOCKING/BRACING PER DETAIL 1/S2.3 SEE "JOIST BRACING SCHEDULE"
  - 7.) X-BRACES SHOWN THUS: & NOTED AS ARE PER ELEVATION 2/S2.2 & WALL BRACING SCHEDULE.



KEY PLAN

NO.	DRAWING REVISIONS	DATE
	PERMIT SET	11-21-2022

NO.	DRAWING REVISIONS	DATE



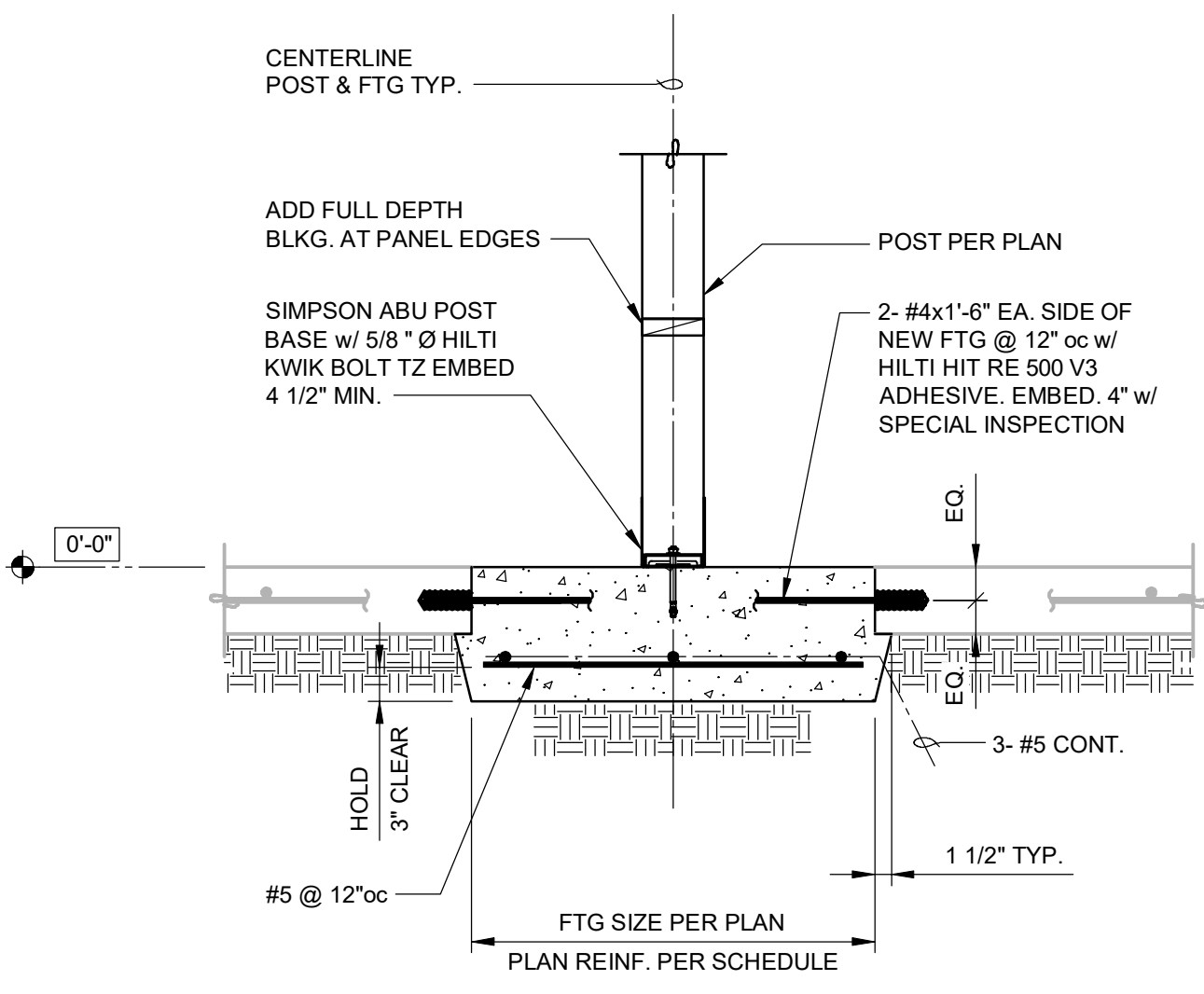
**ENW STRUCTURAL ENGINEERS**  
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 www.enwengineers.com

SHEET CONTENTS: PARTIAL MEZZANINE FOUNDATION, FLOOR & ROOF FRAMING PLANS

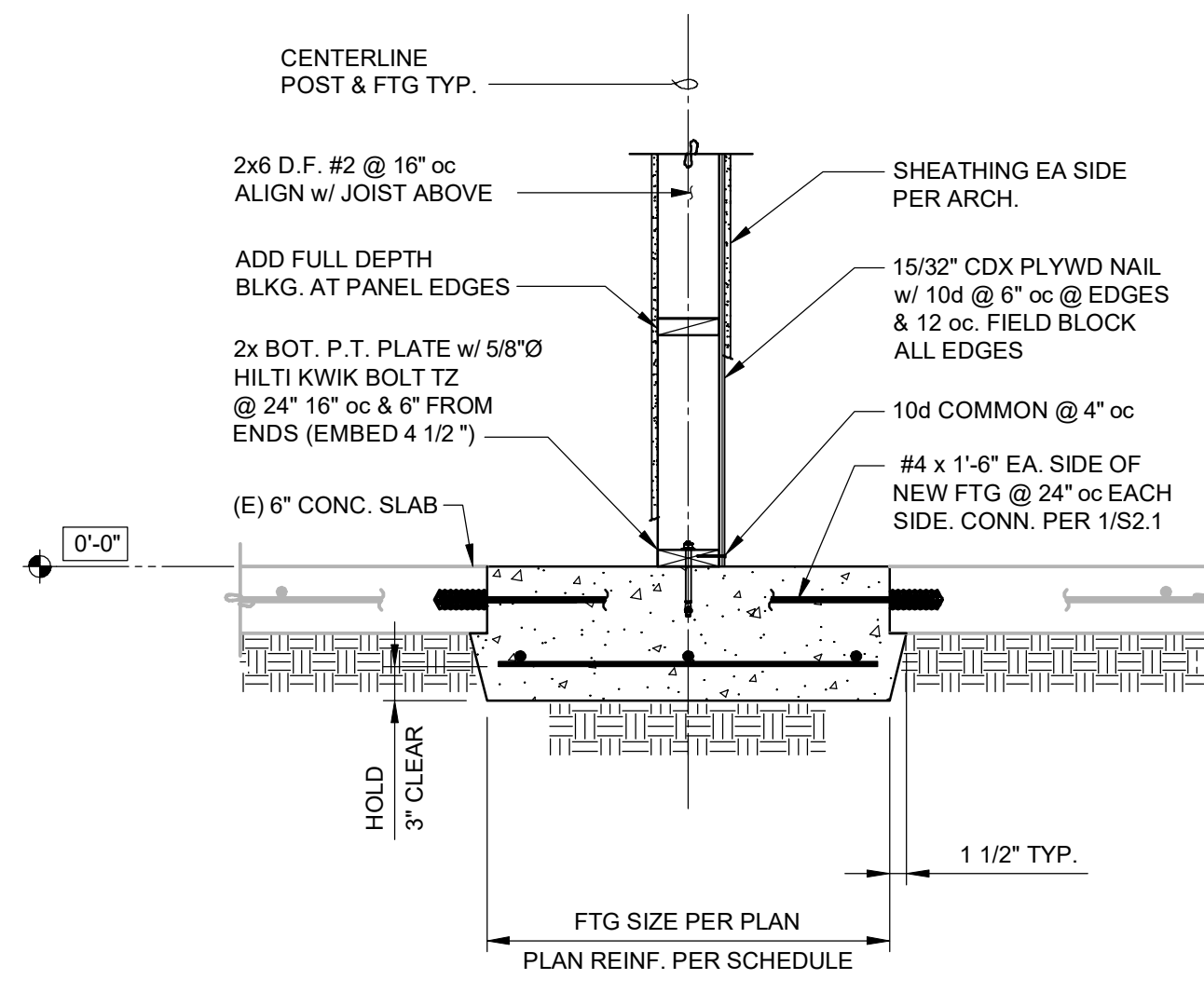
**COSTCO WHOLESALE**

MEZZANINE REMODEL  
 7095 MARKET PL DRIVE,  
 GOLETA, CA 93117

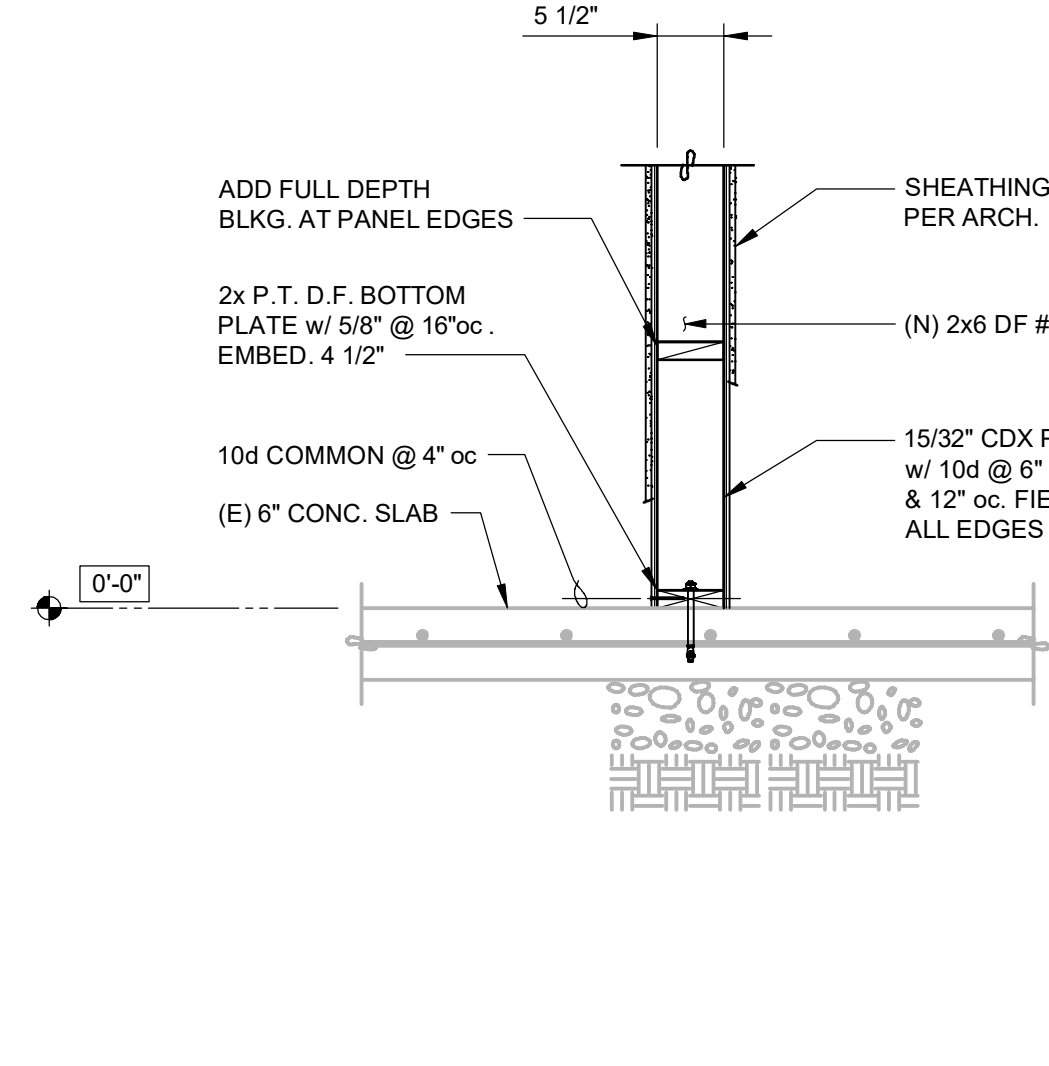
JOB NO:	97167021-3
ENGINEER:	A. SUNG
DRAWN:	N. NADERI
DATE:	11-14-2022
SHEET NO:	<b>S2.1</b>



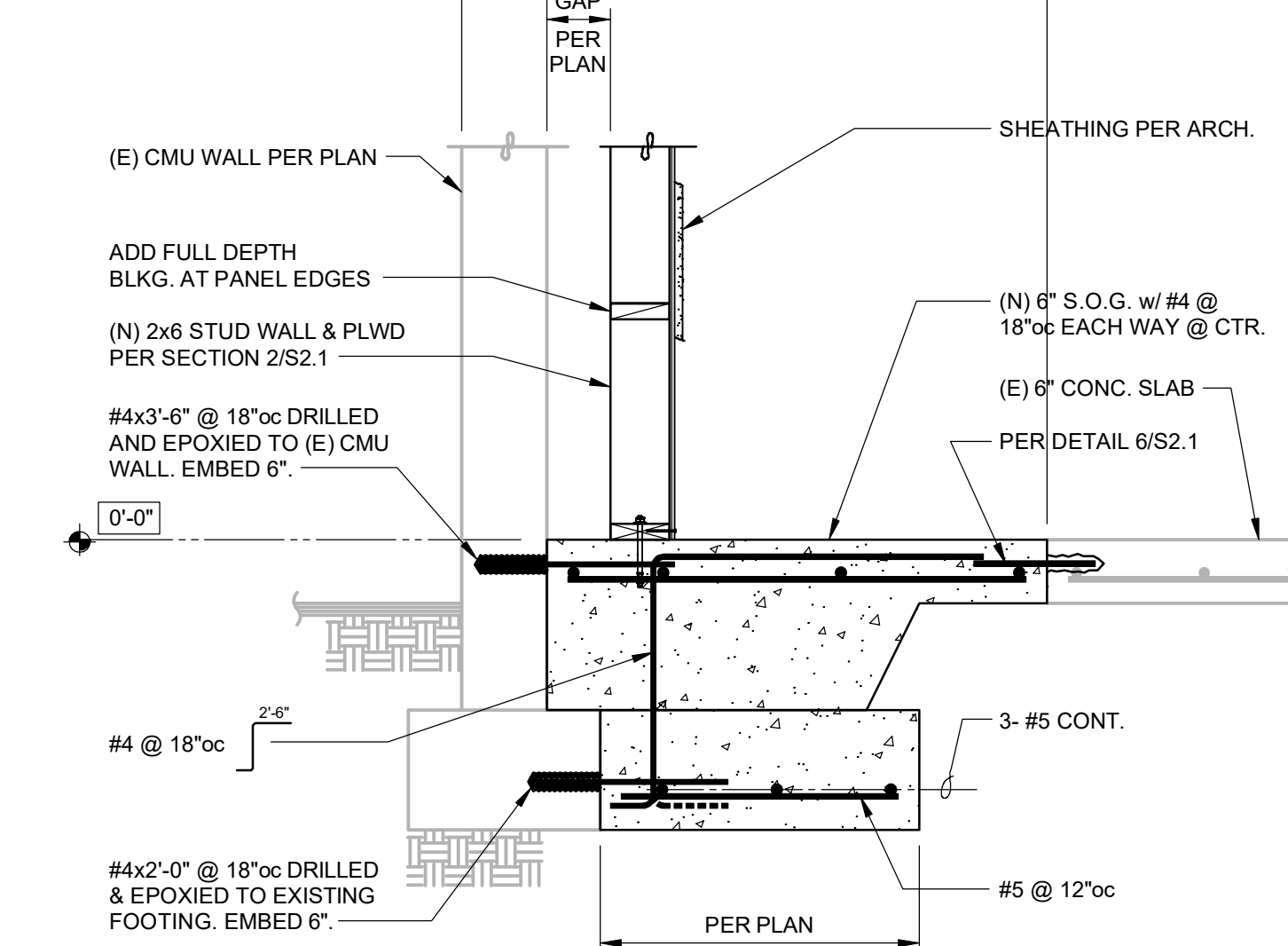
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3/4" = 1'-0"



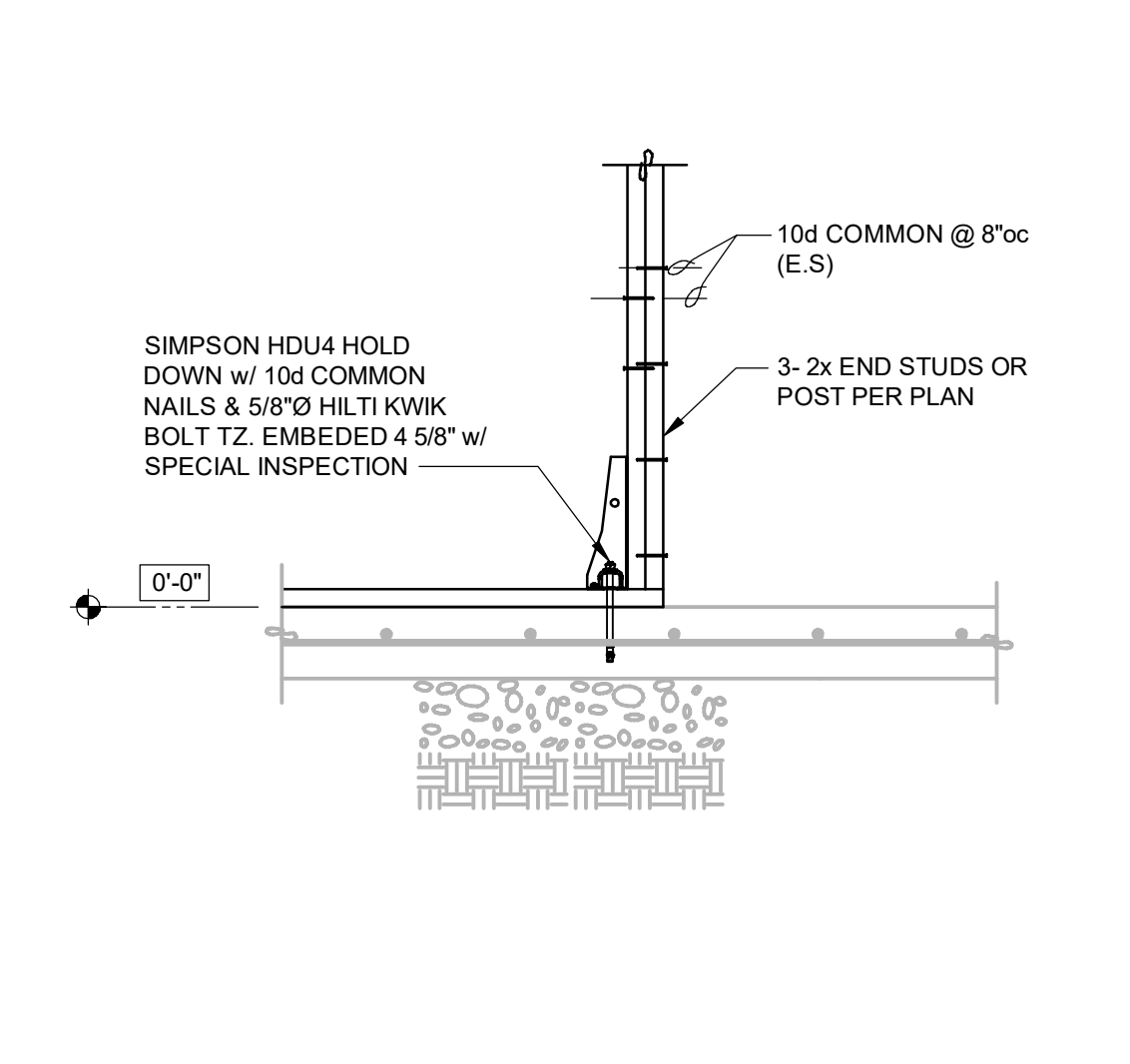
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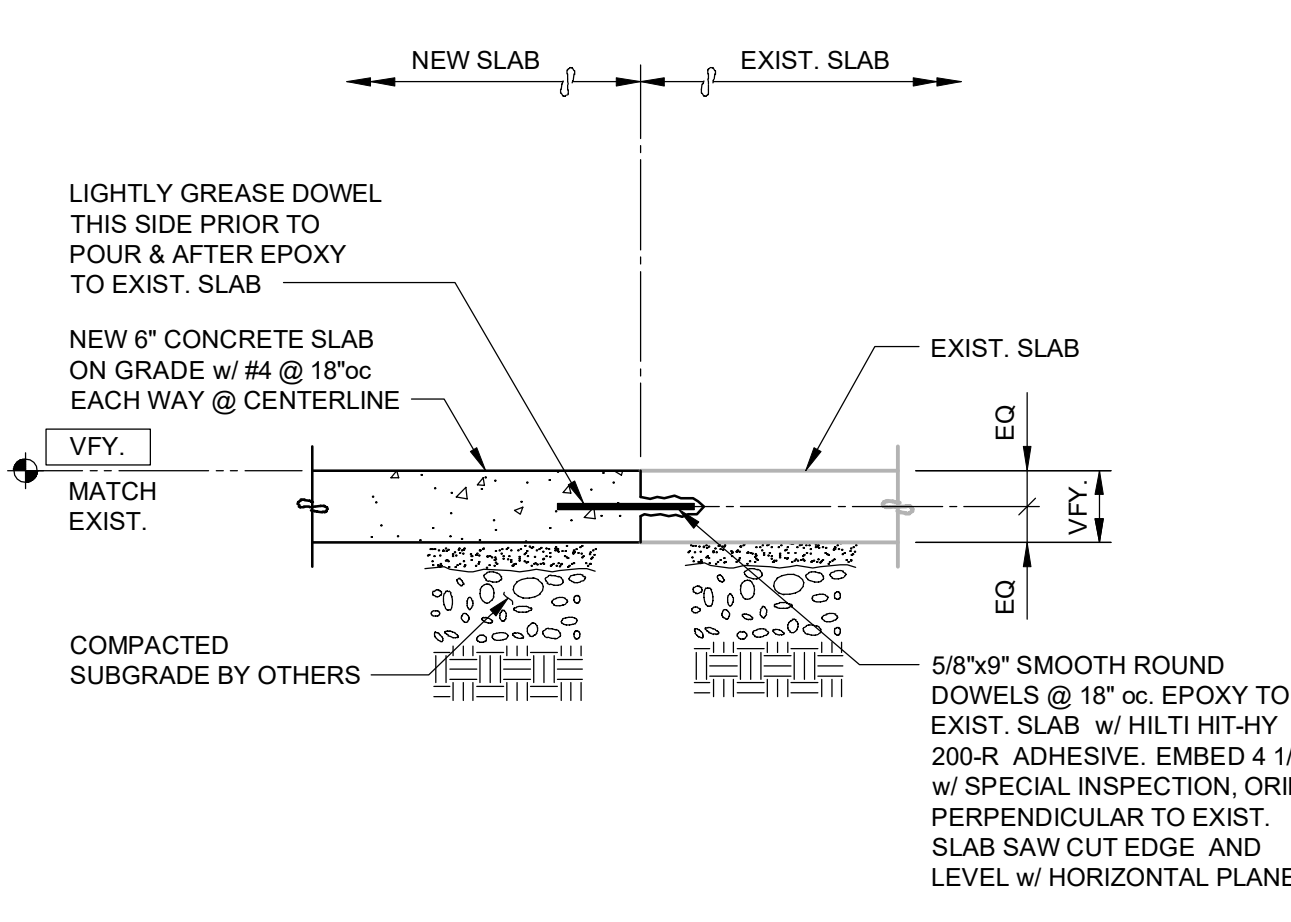
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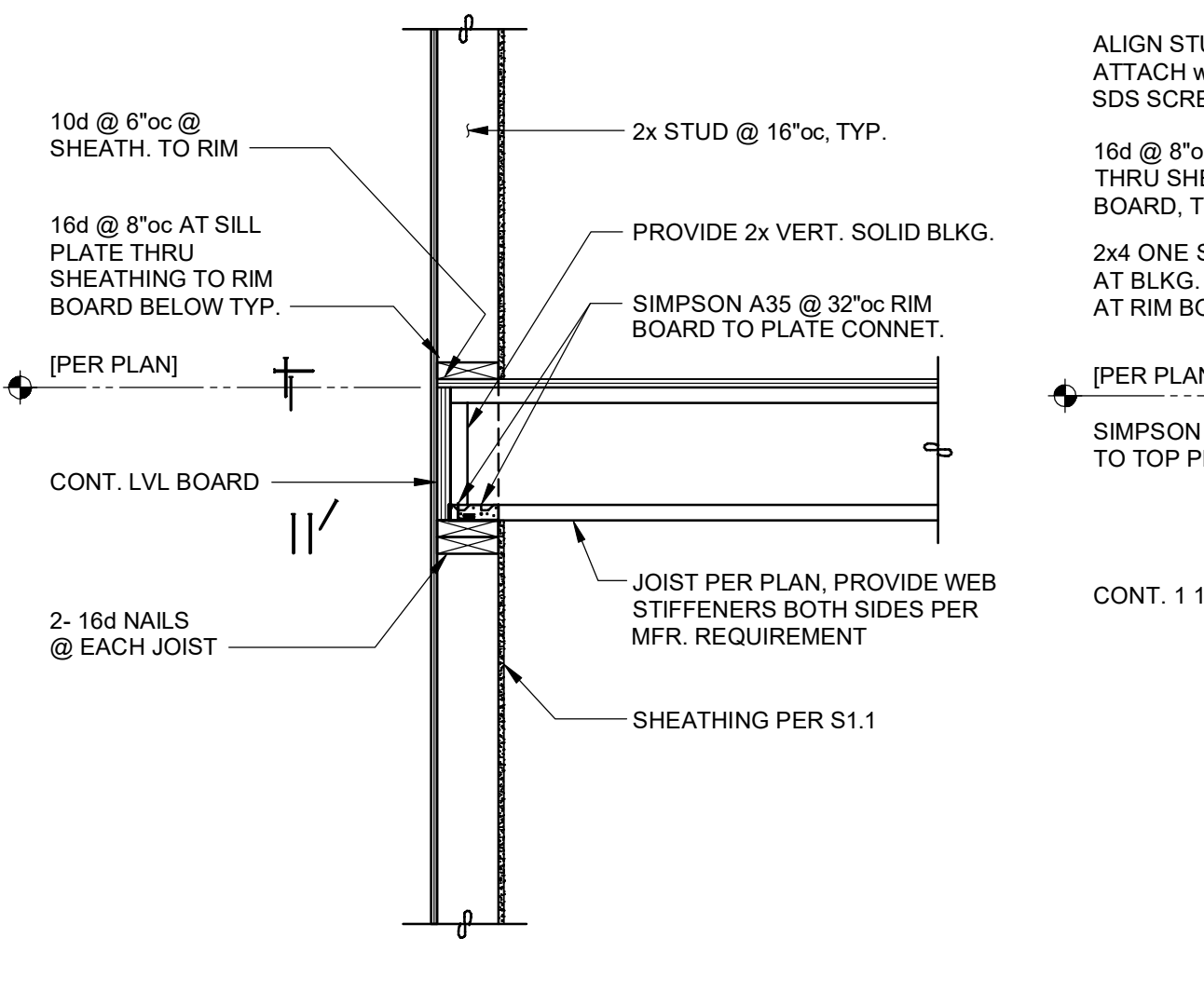
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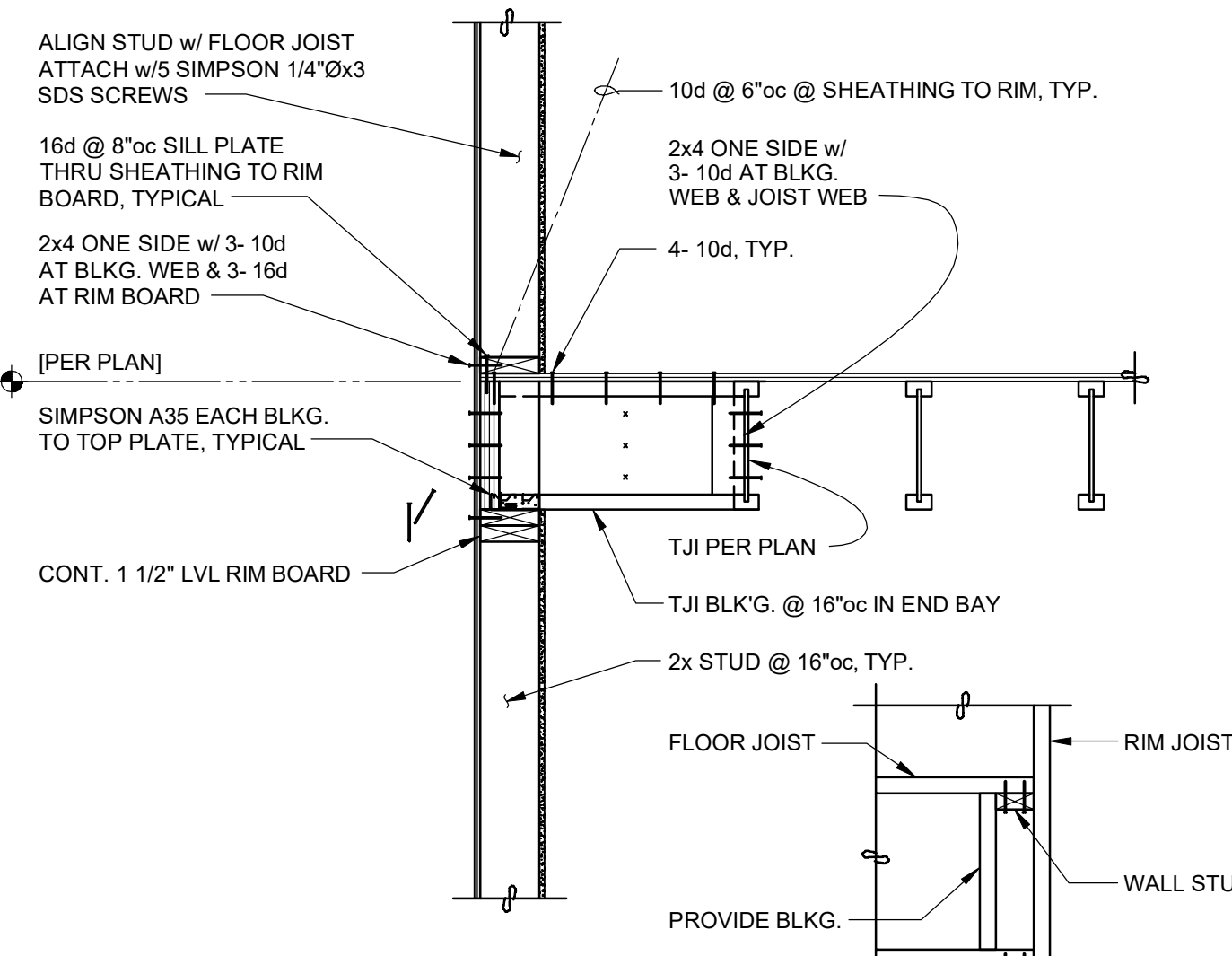
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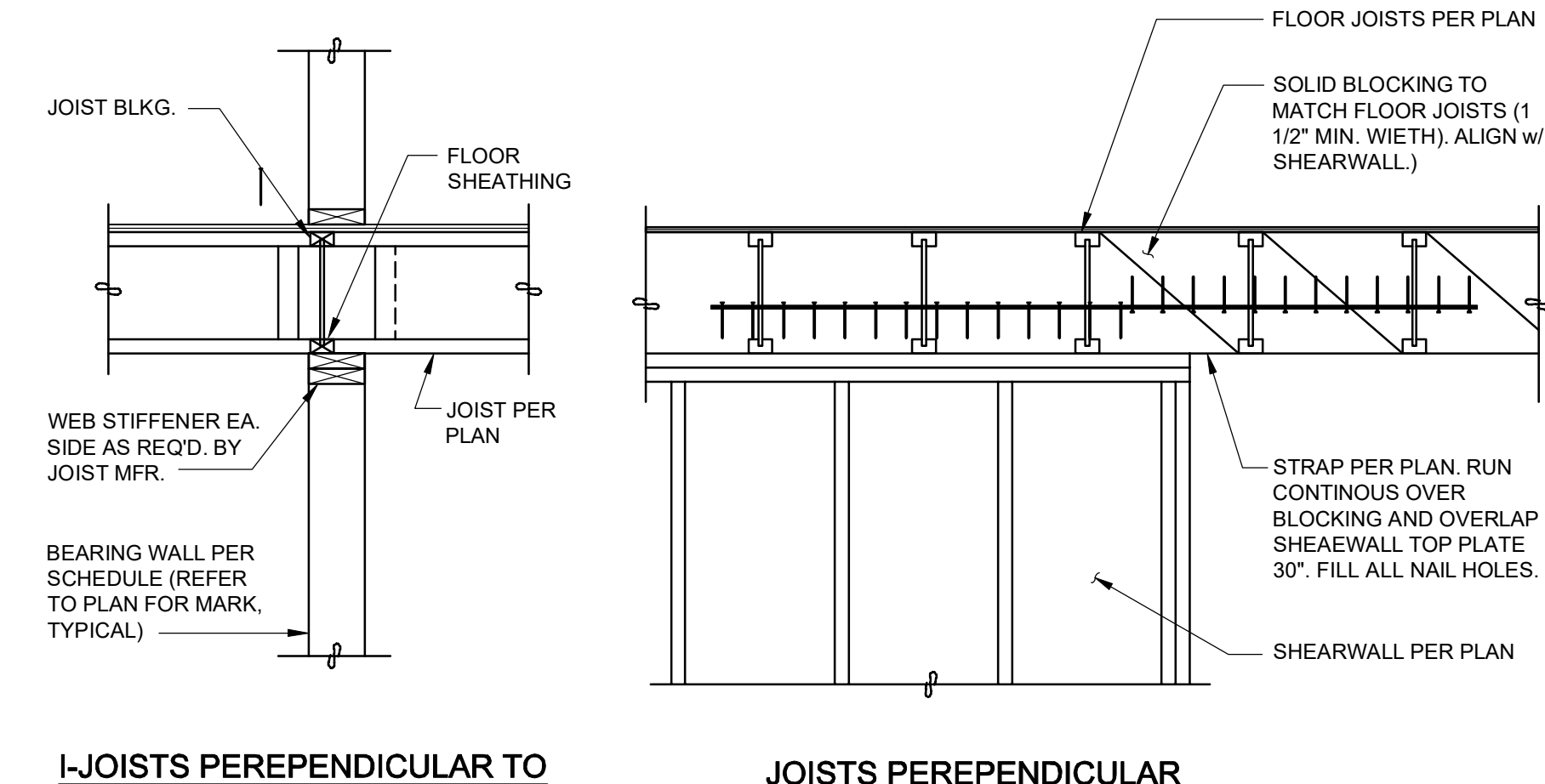
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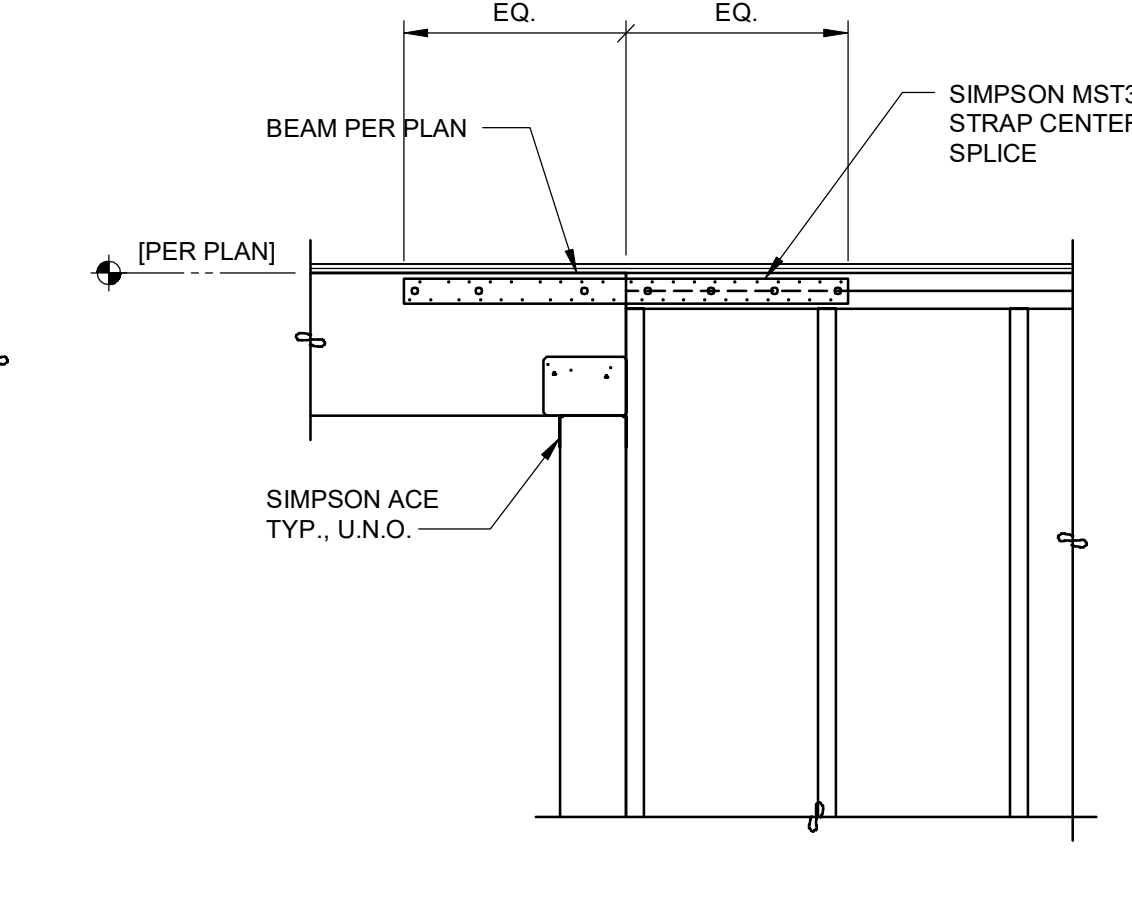
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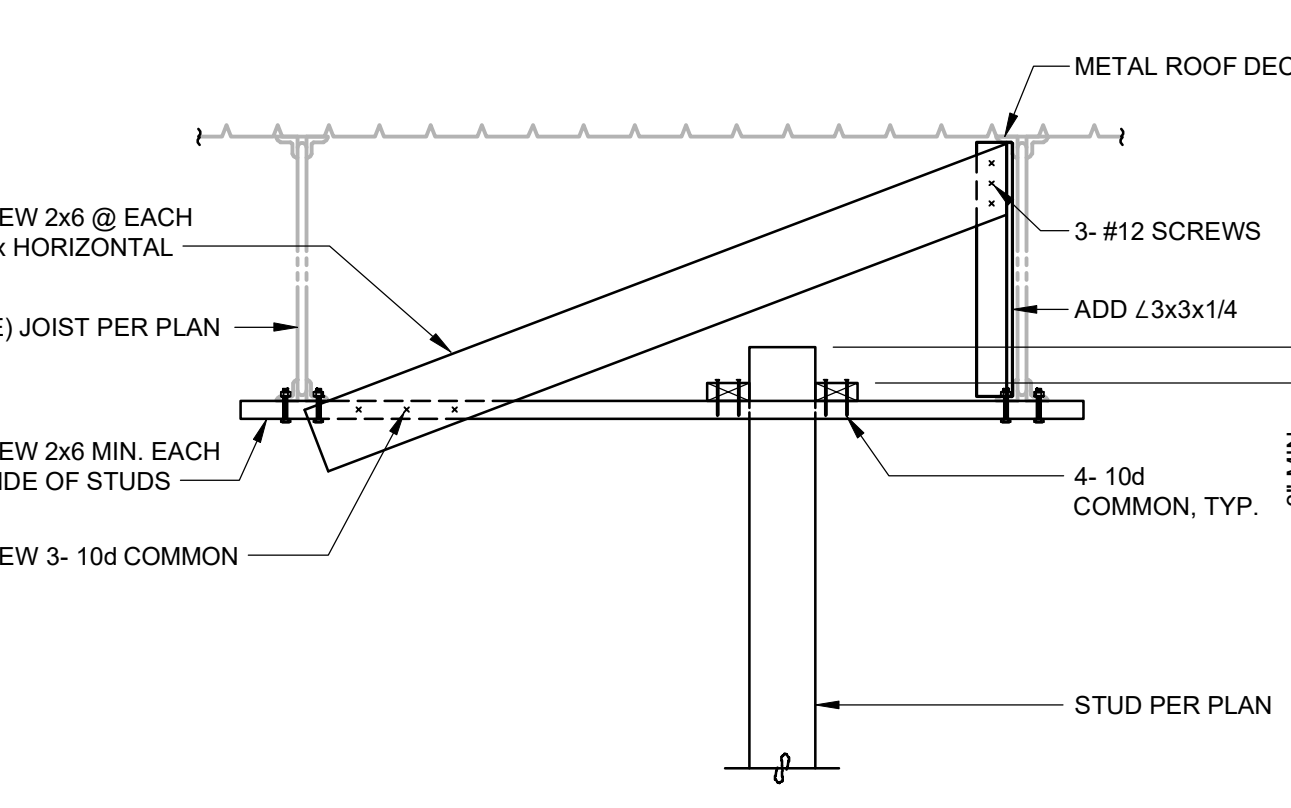
8 SECTION  
3/4" = 1'-0"



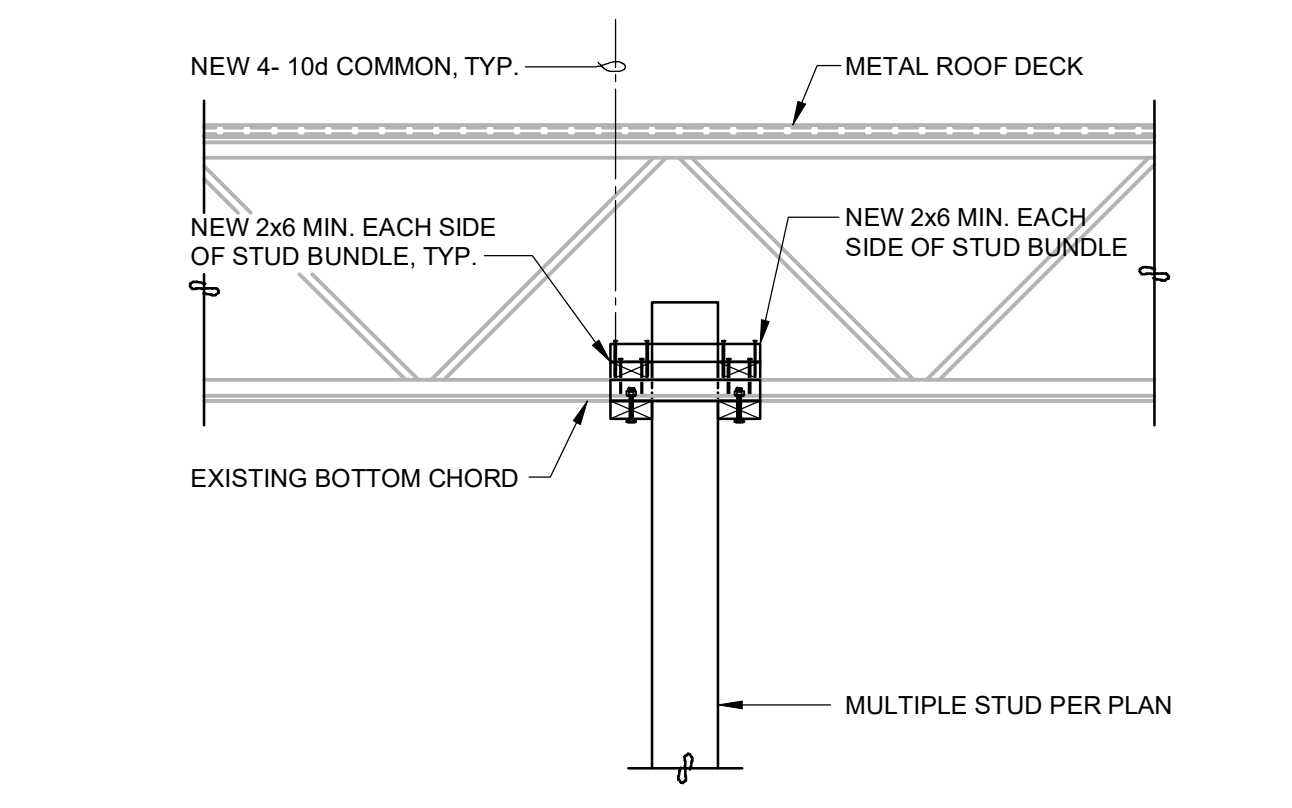
9 SECTION  
3/4" = 1'-0"



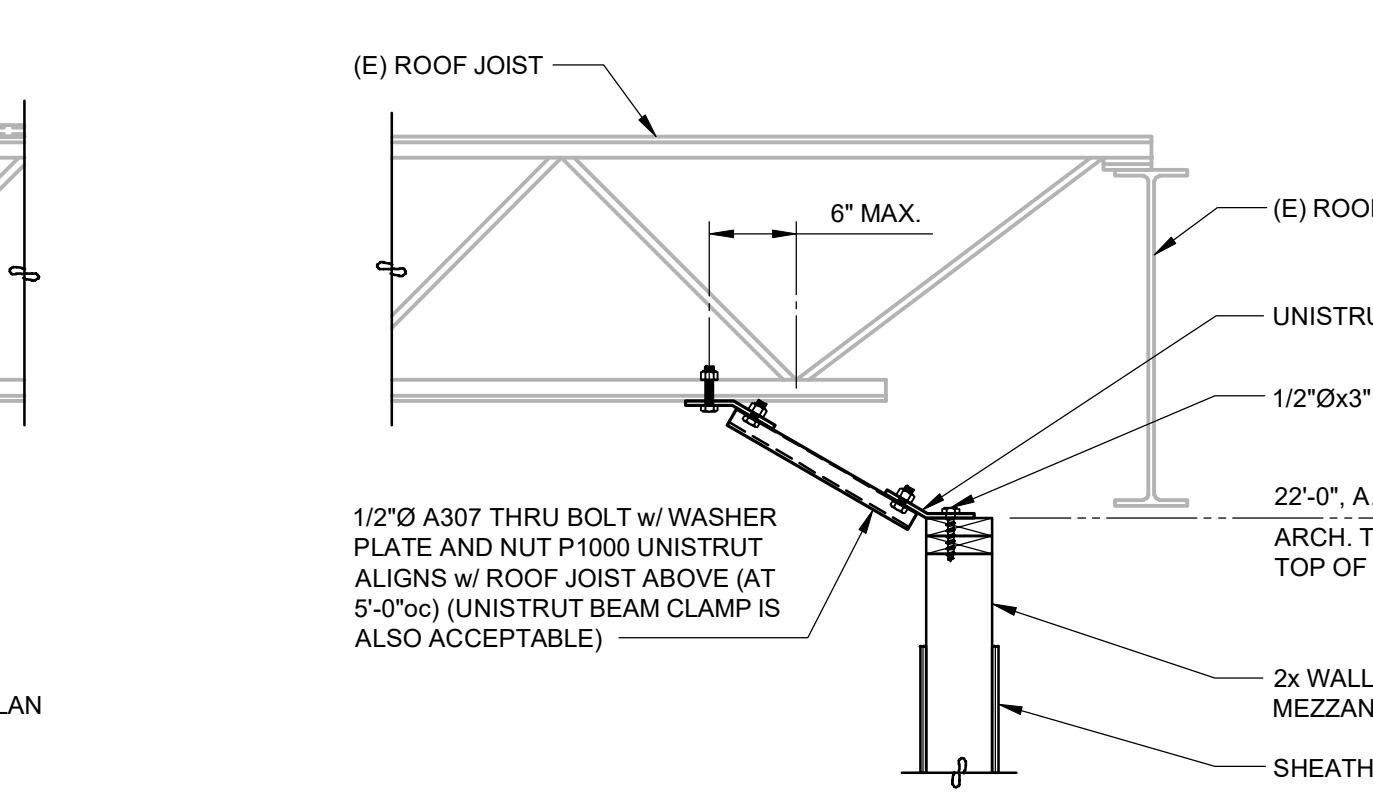
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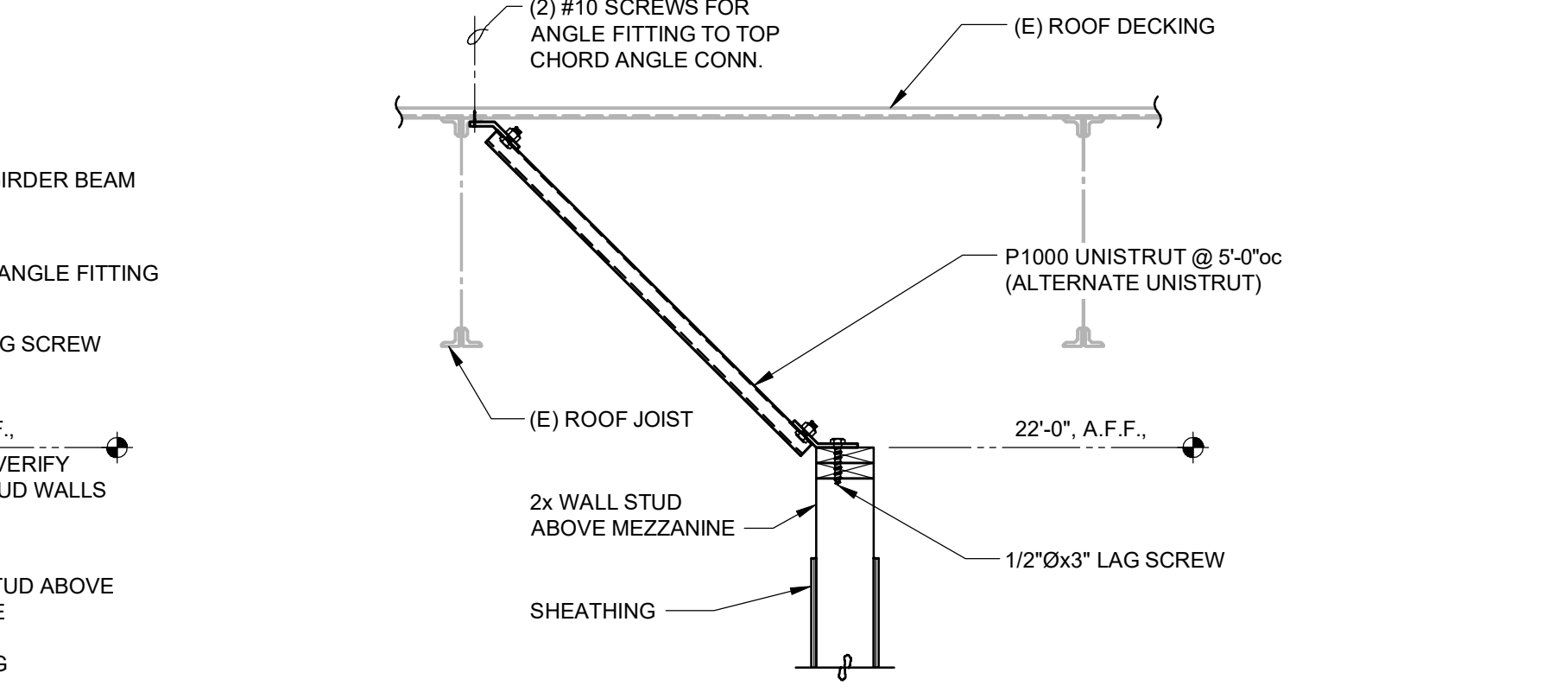
11 SECTION  
3/4" = 1'-0"



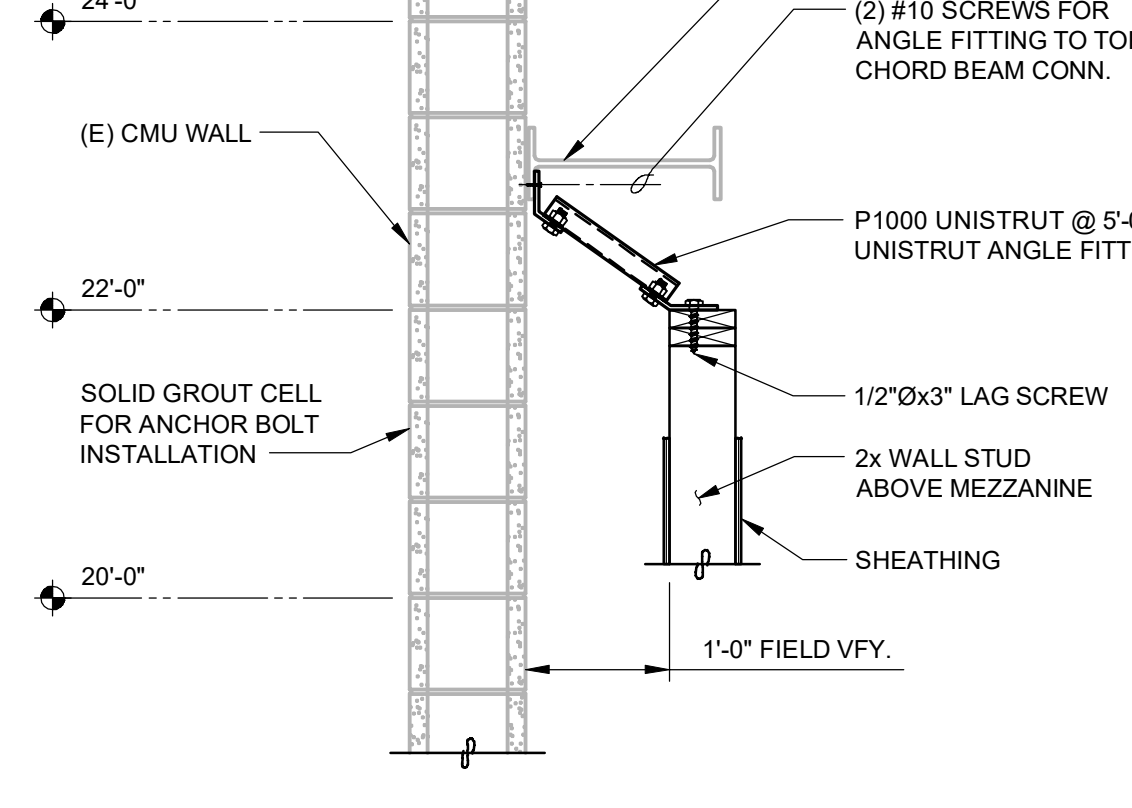
12 SECTION  
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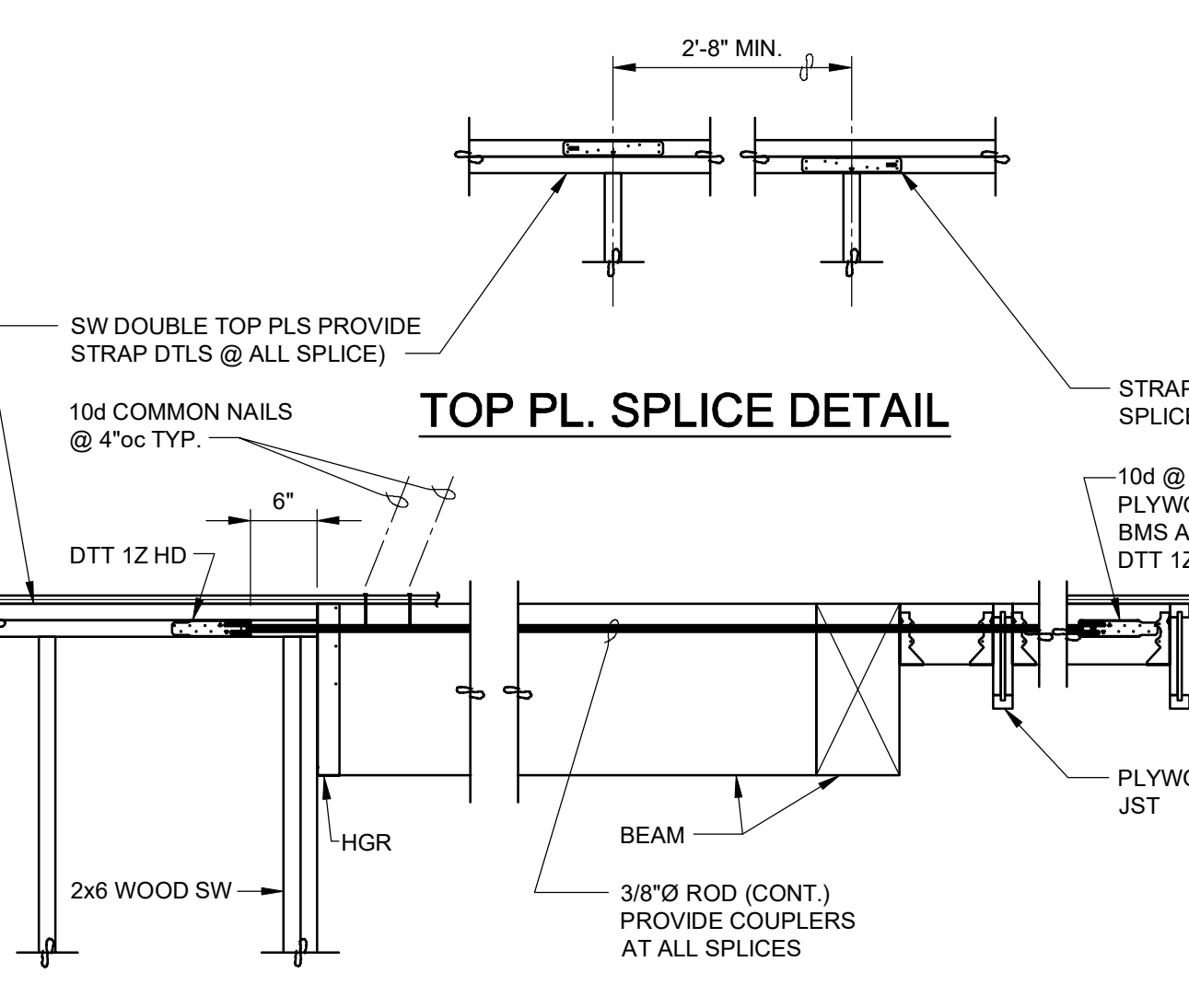
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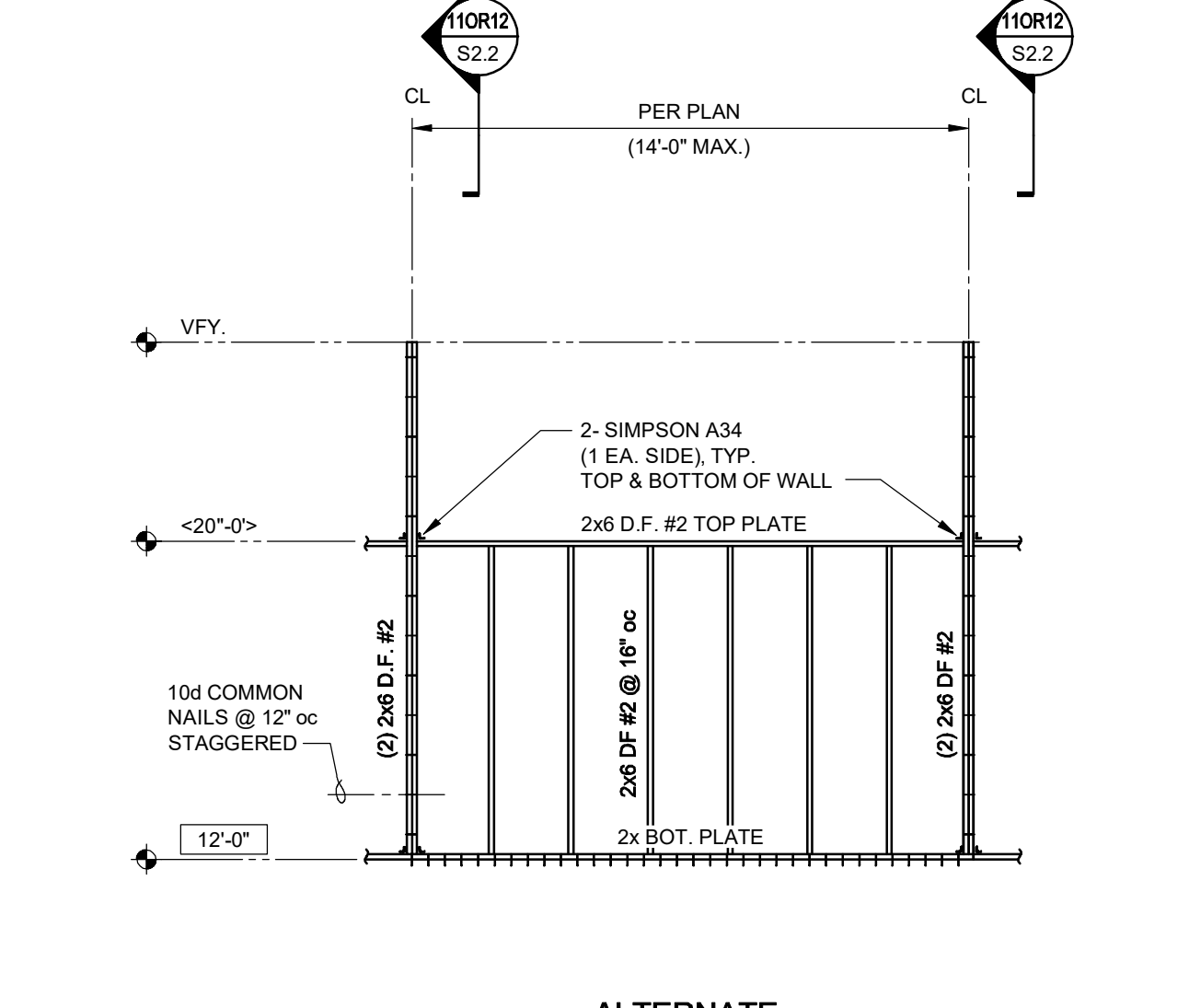
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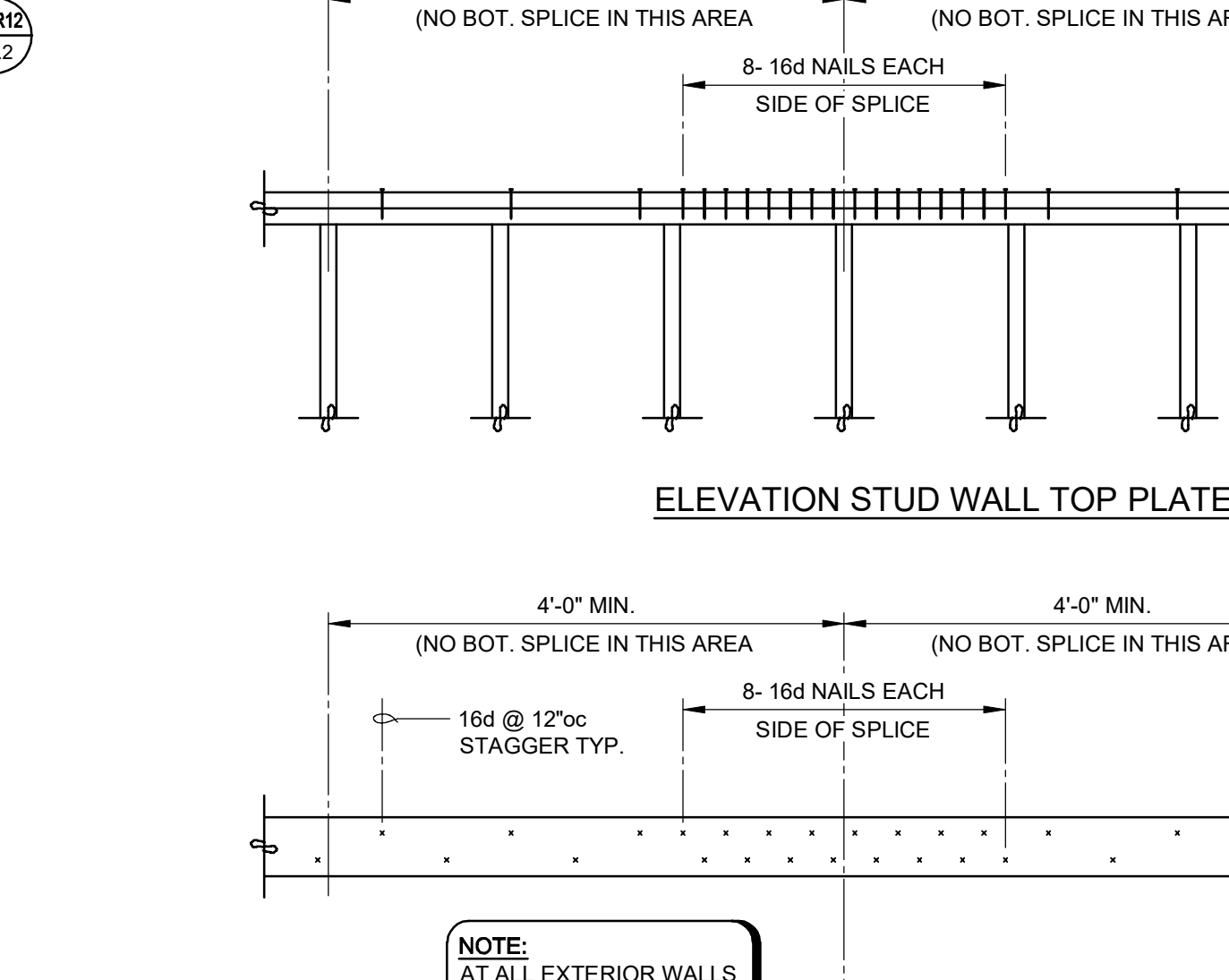
15 SECTION  
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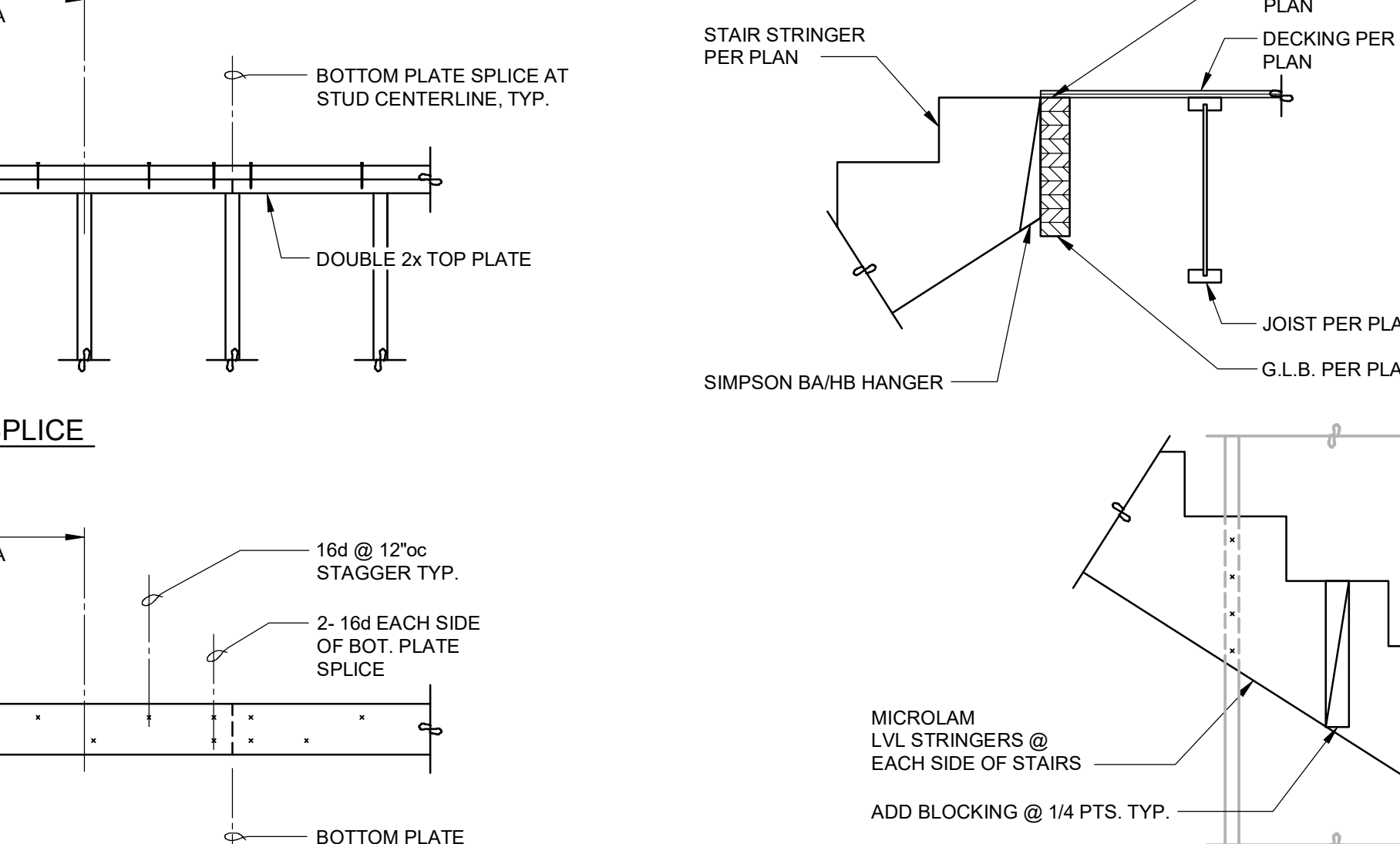
16 SECTION  
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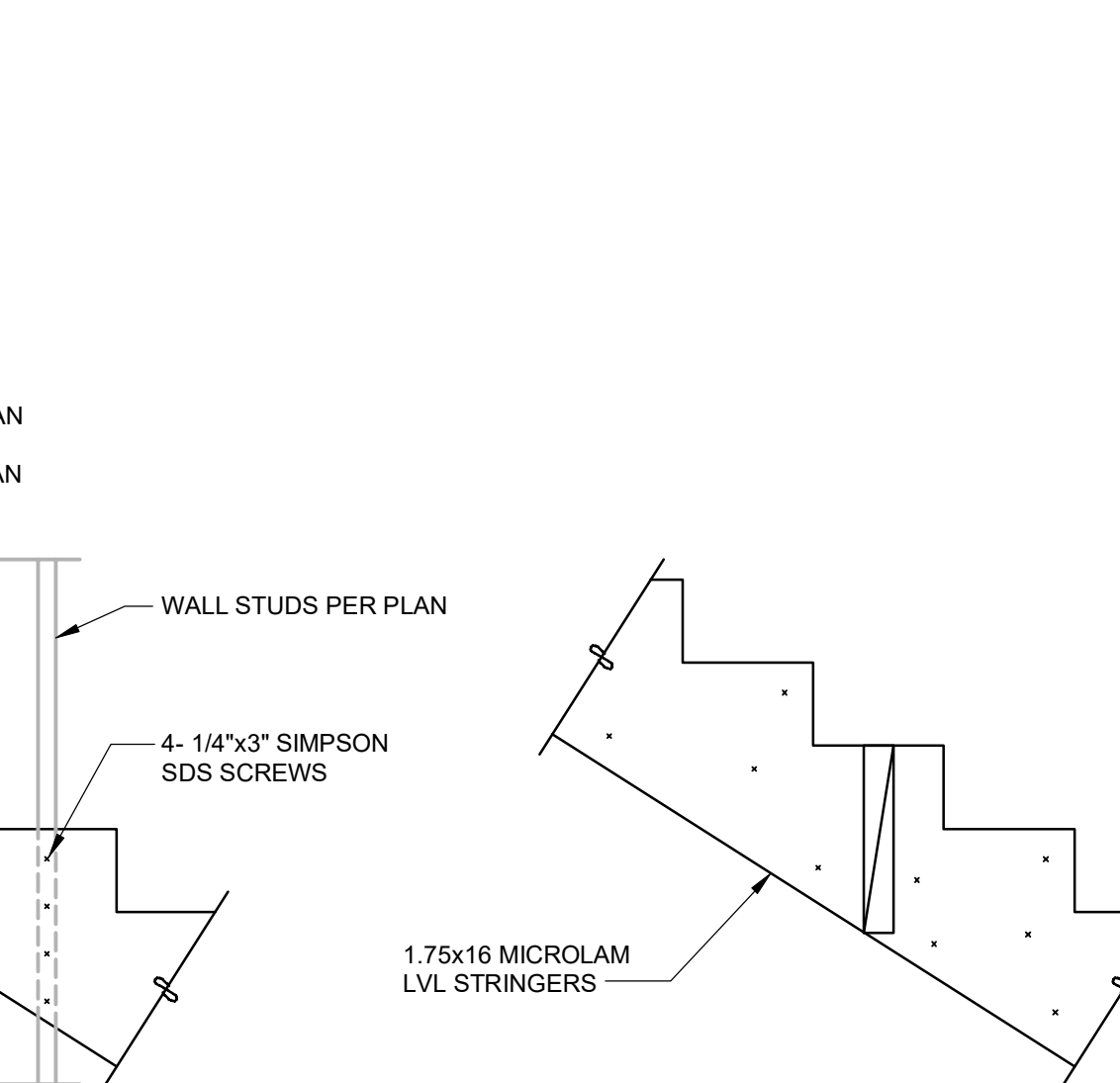
17 ELEVATION  
1/4" = 1'-0"



18 SECTION  
3/4" = 1'-0"



19 SECTION  
3/4" = 1'-0"



20 SECTION  
3/4" = 1'-0"



21 SECTION  
3/4" = 1'-0"



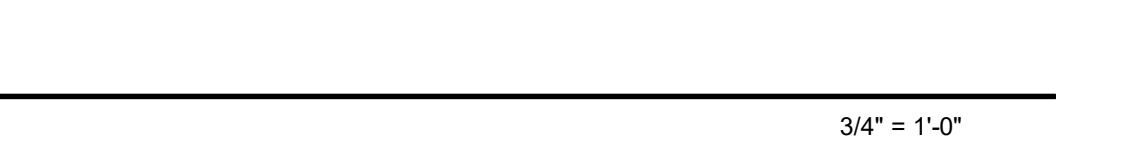
22 ELEVATION  
1/4" = 1'-0"



23 SECTION  
3/4" = 1'-0"



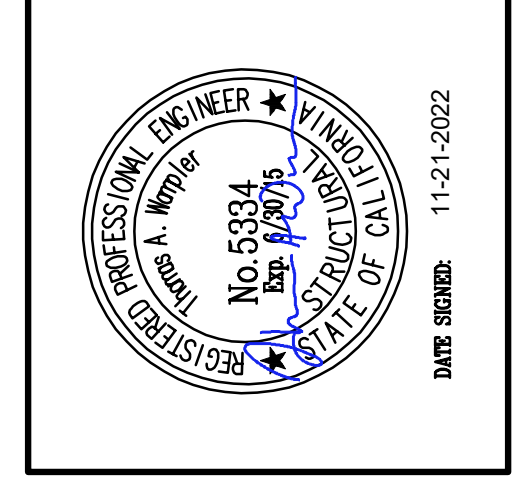
24 SECTION  
3/4" = 1'-0"



25 SECTION  
3/4" = 1'-0"

DATE	11-21-2022
DRAWING REVISIONS	PERMIT SET
NO.	

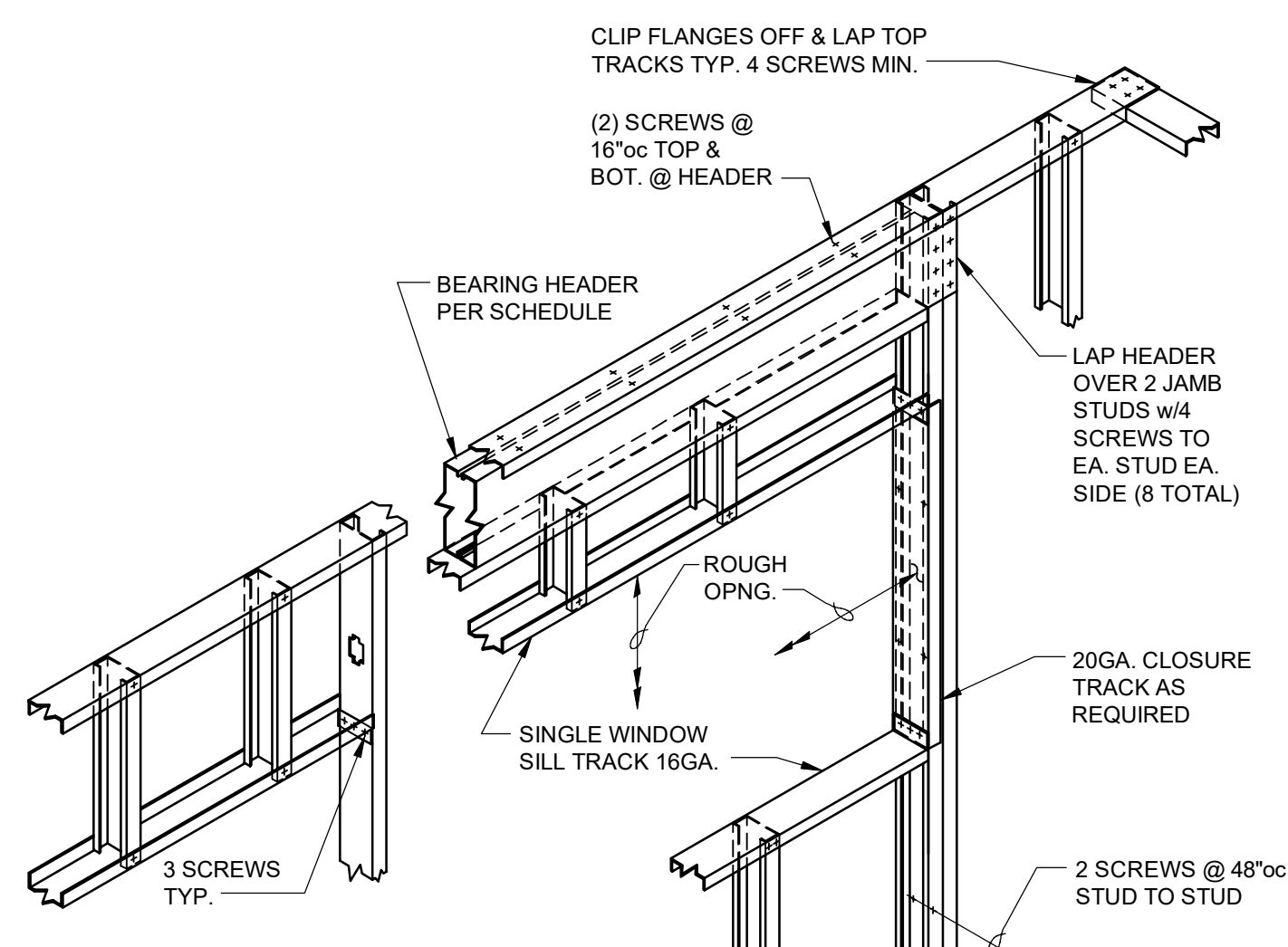
DATE	
DRAWING REVISIONS	
NO.	



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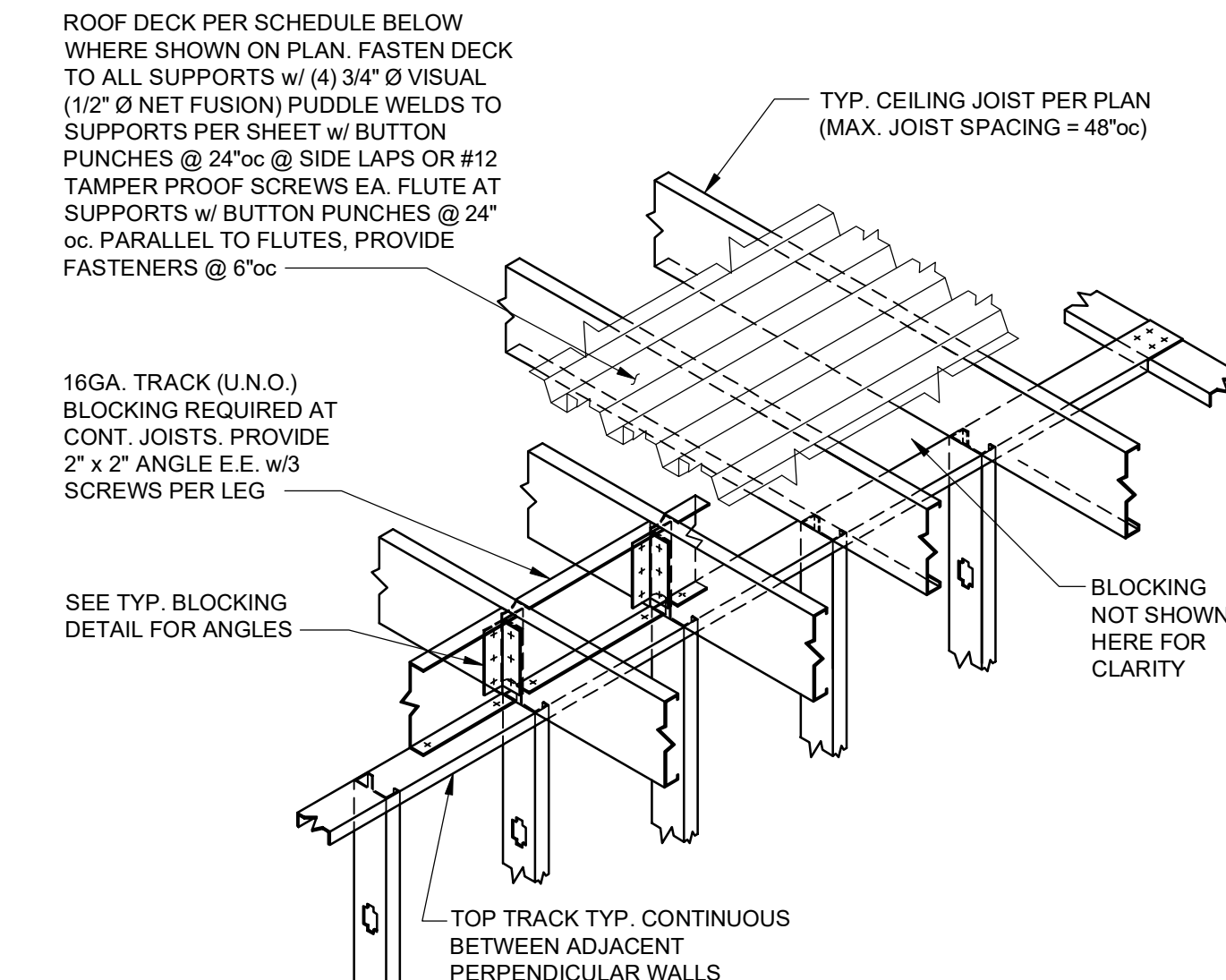
MEZZANINE REMODEL  
 7095 MARKET PL DRIVE,  
 GOLETA, CA 93117

JOB NO:	97167021-3
ENGINEER:	A. SUNG
DRAWN:	N. NADERI
DATE:	11-14-2022
SHEET NO:	S2.2

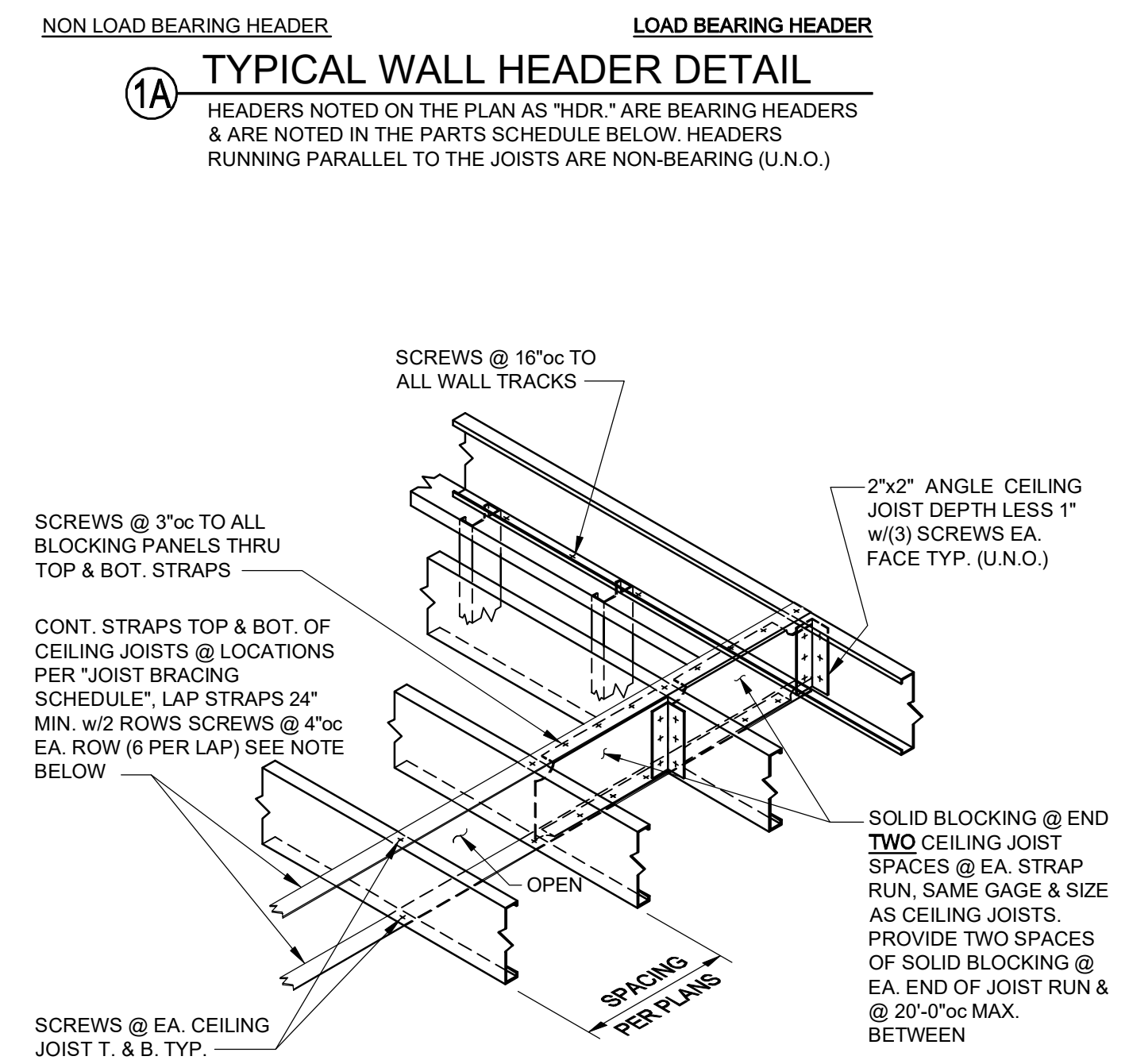


**1A TYPICAL WALL HEADER DETAIL**

HEADERS NOTED ON THE PLAN AS "HDR." ARE BEARING HEADERS & ARE NOTED IN THE PARTS SCHEDULE BELOW. HEADERS RUNNING PARALLEL TO THE JOISTS ARE NON-BEARING (U.N.O.)

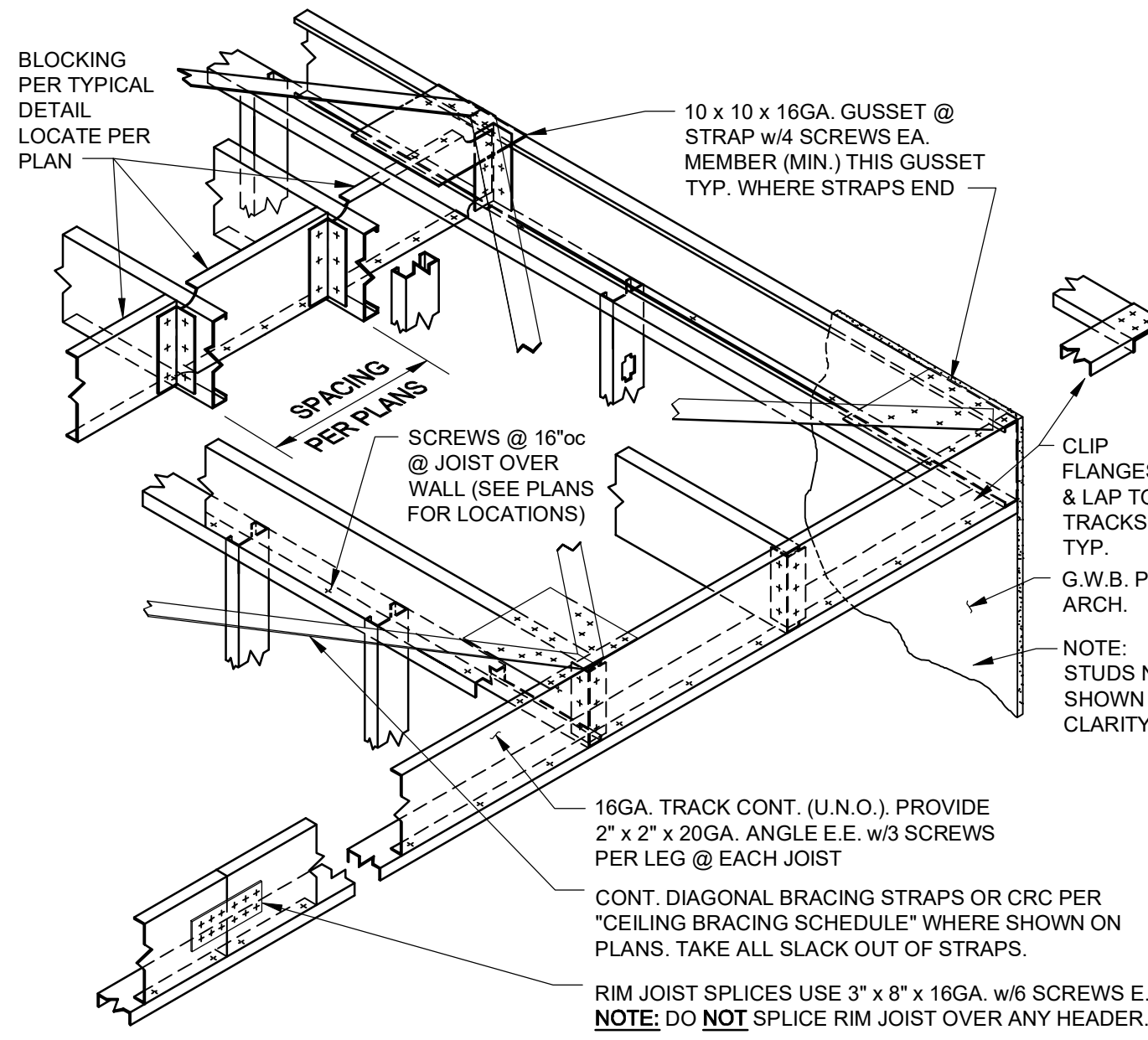


**1B TYPICAL JOIST OVER INTERIOR WALL**



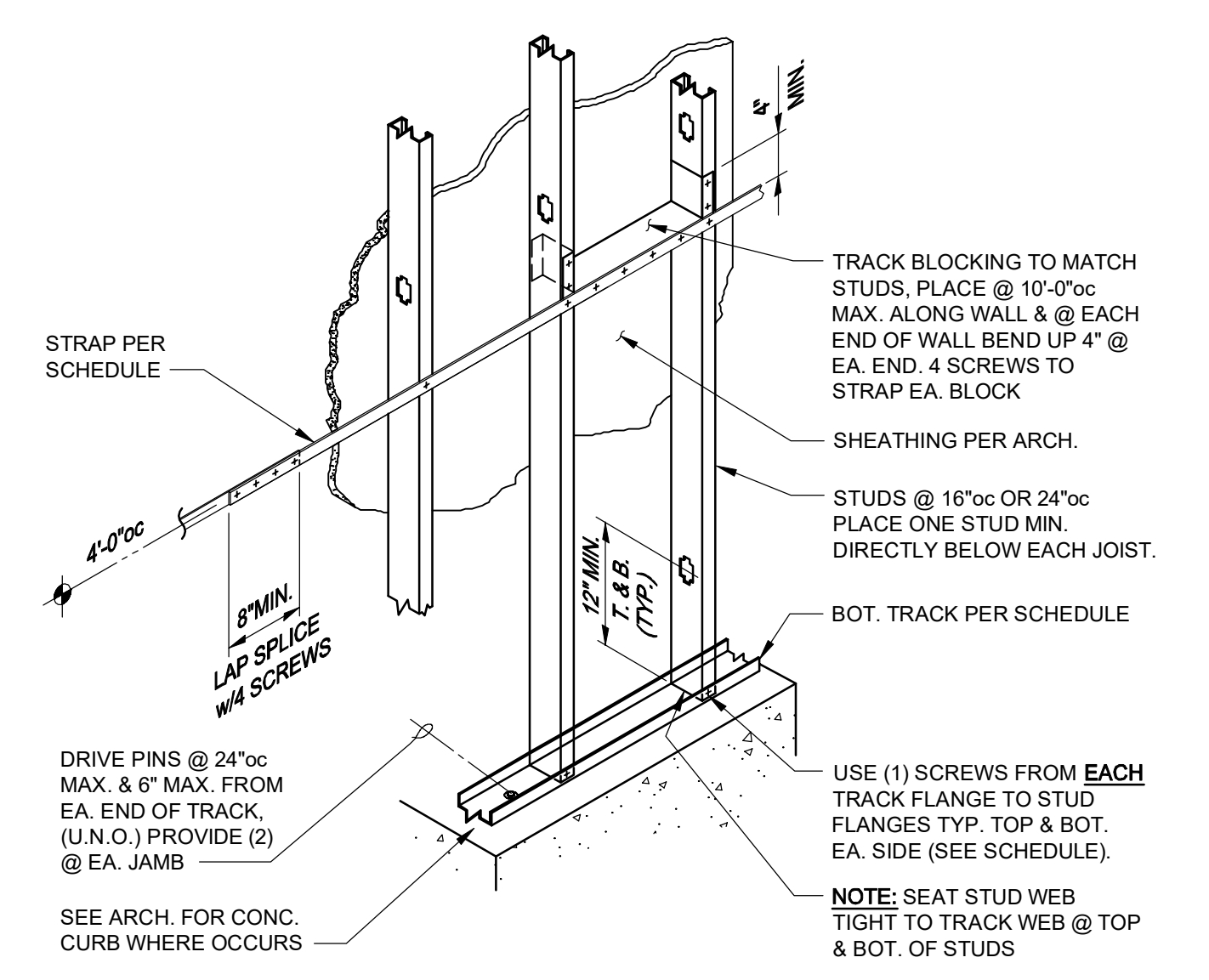
**1C TYPICAL JOIST BLOCKING & STRAP DETAIL**

CEILING JOIST BLOCKING WHERE NOTED ON PLANS. THE TOP STRAP NOT REQUIRED IF DECKING IS APPLIED TO TOP OF JOIST. THE BOTTOM STRAP IS NOT REQUIRED IF G.W.B. IS APPLIED TO BOTTOM OF JOIST.



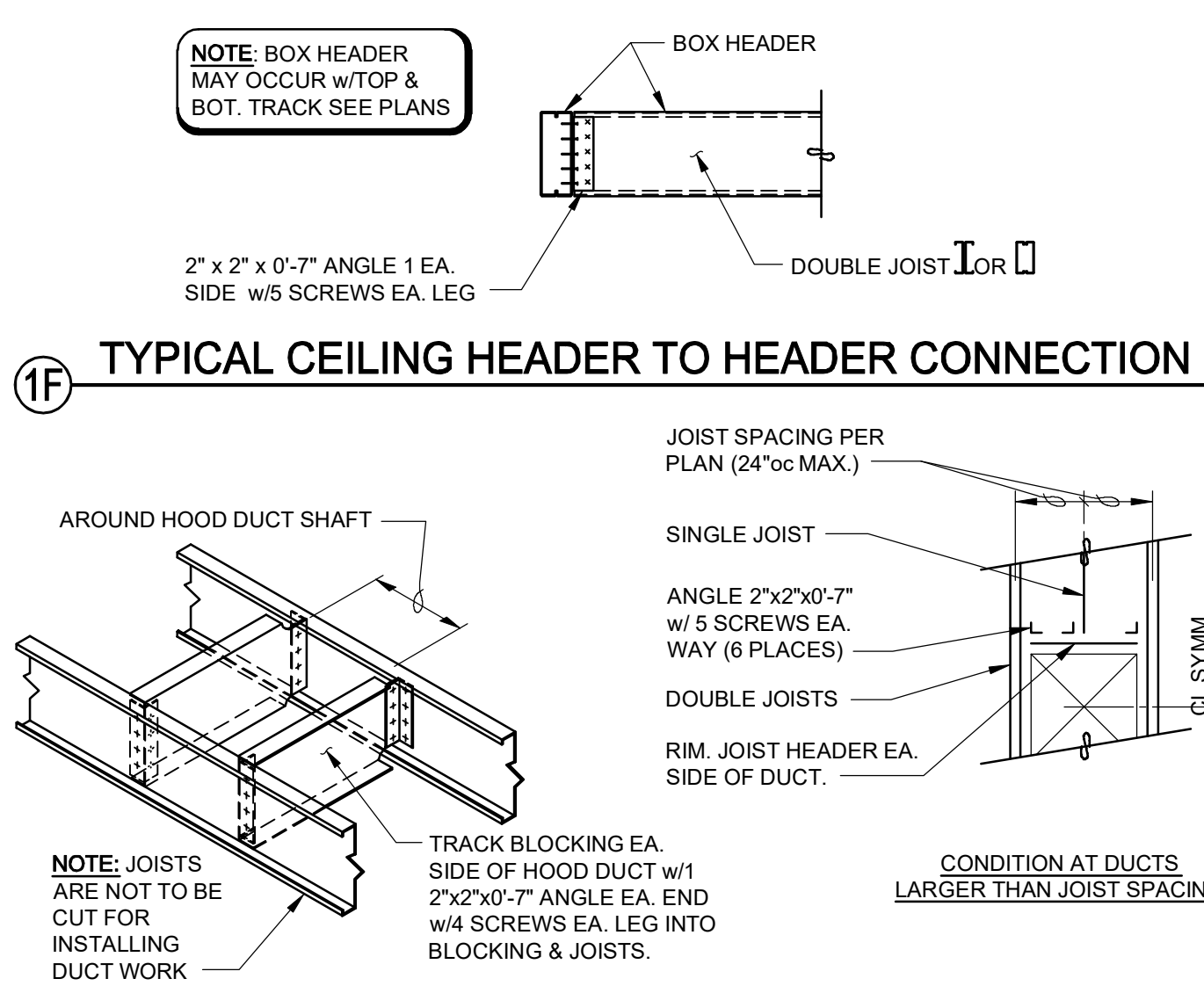
**1D TYPICAL JOIST TO RIM JOIST w/DIAGONAL STRAPS**

CEILING DIAGONAL STRAP BRACING NOT REQUIRED WHERE DECKING OCCURS.



**1E TYPICAL WALL, BLOCKING & STRAP DETAIL**

STRAP BLOCKING IS REQUIRED ONLY IF STUDS ARE SHEATHED ONE SIDE ONLY.



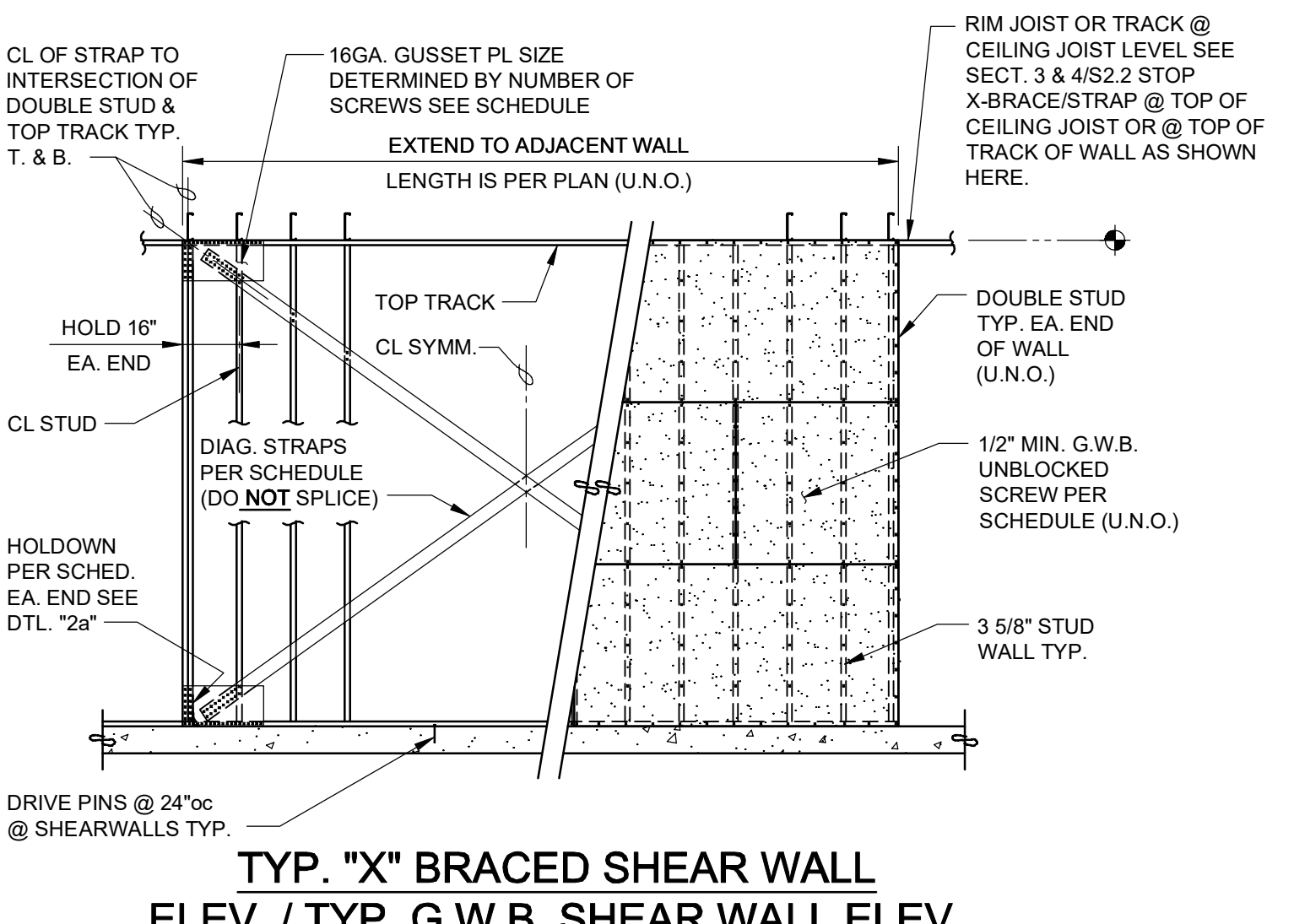
**1F TYPICAL CEILING HEADER TO HEADER CONNECTION**

NOTE: JOISTS ARE NOT TO BE CUT FOR INSTALLING DUCT WORK



**1G TYPICAL DUCT PENETRATION THRU CEILING FRAMING**

NOTE: SEE ARCH. FOR LOCATIONS



**2 ELEVATION**

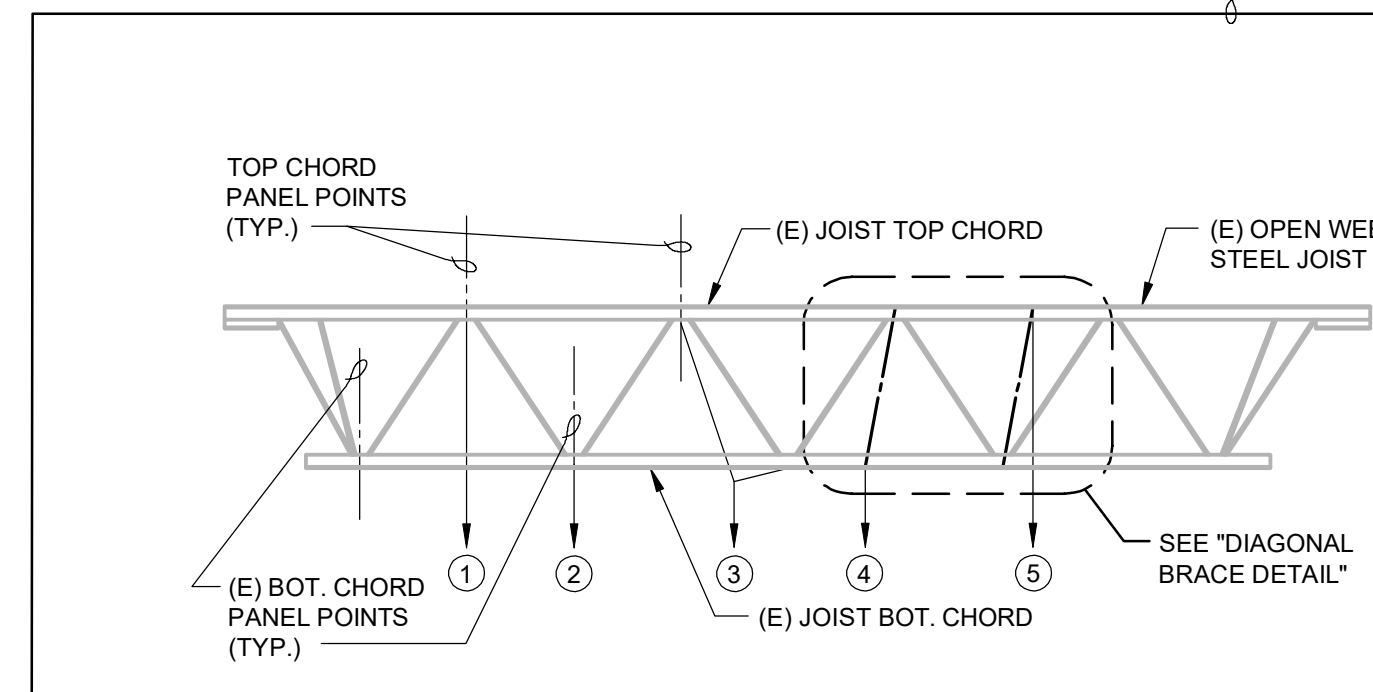
N.T.S.

NOTE: THESE DETAILS ARE NOT REQUIRED IF:  
 1.) HVAC CURB IS LOCATED 6" OR LESS FROM TOP CHORD PANEL POINT.  
 OR  
 2.) ANGLE REINFORCEMENT ALREADY EXISTS TO TRANSFER CURB LOAD TO BOTTOM CHORD PANEL POINT WHEN CURB IS LOCATED MORE THAN 6" FROM TOP CHORD PANEL POINT.



**2a DETAIL**

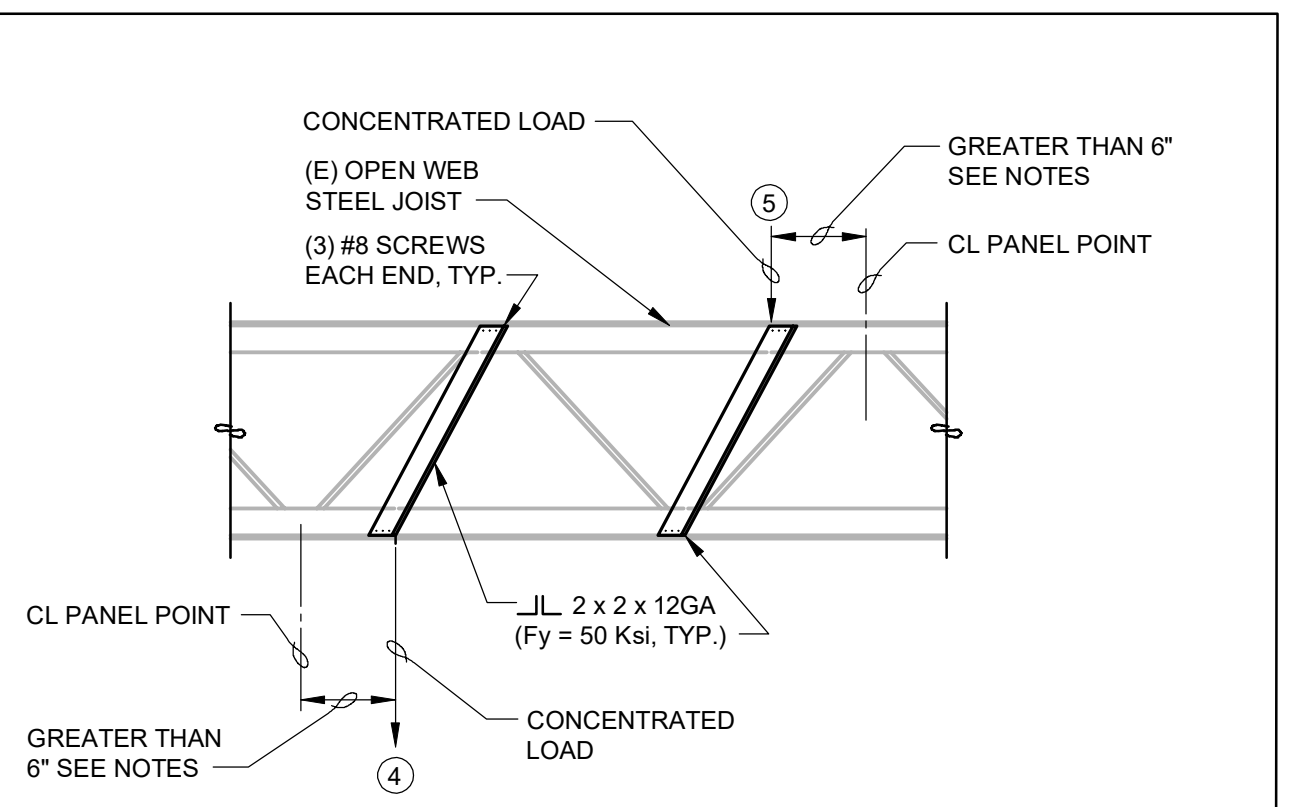
SEE SCHEDULE FOR LOCATIONS 1 1/2" = 1'-0"



**3 ALLOWABLE METHODS & LOCATIONS FOR SUPPORTING LOADS FROM OPEN WEB STEEL JOIST**

N.T.S.

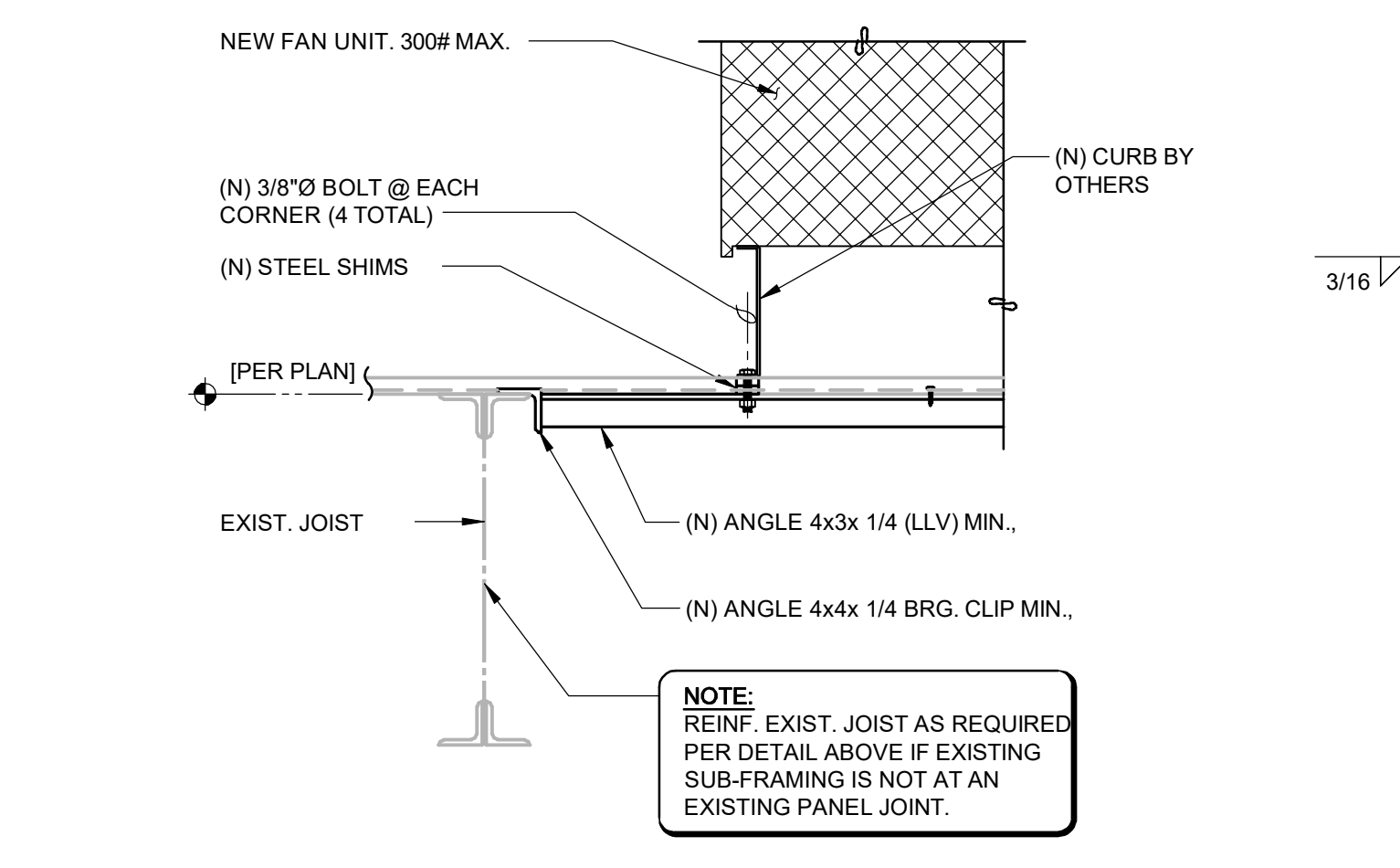
NOTE: CONNECTION OF NEW UNIT TO ADAPTER CURB BY OTHERS. CONNECTION OF ADAPTER CURB TO EXISTING CURB BY OTHERS.



**4 DIAGONAL BRACE DETAIL**

N.T.S.

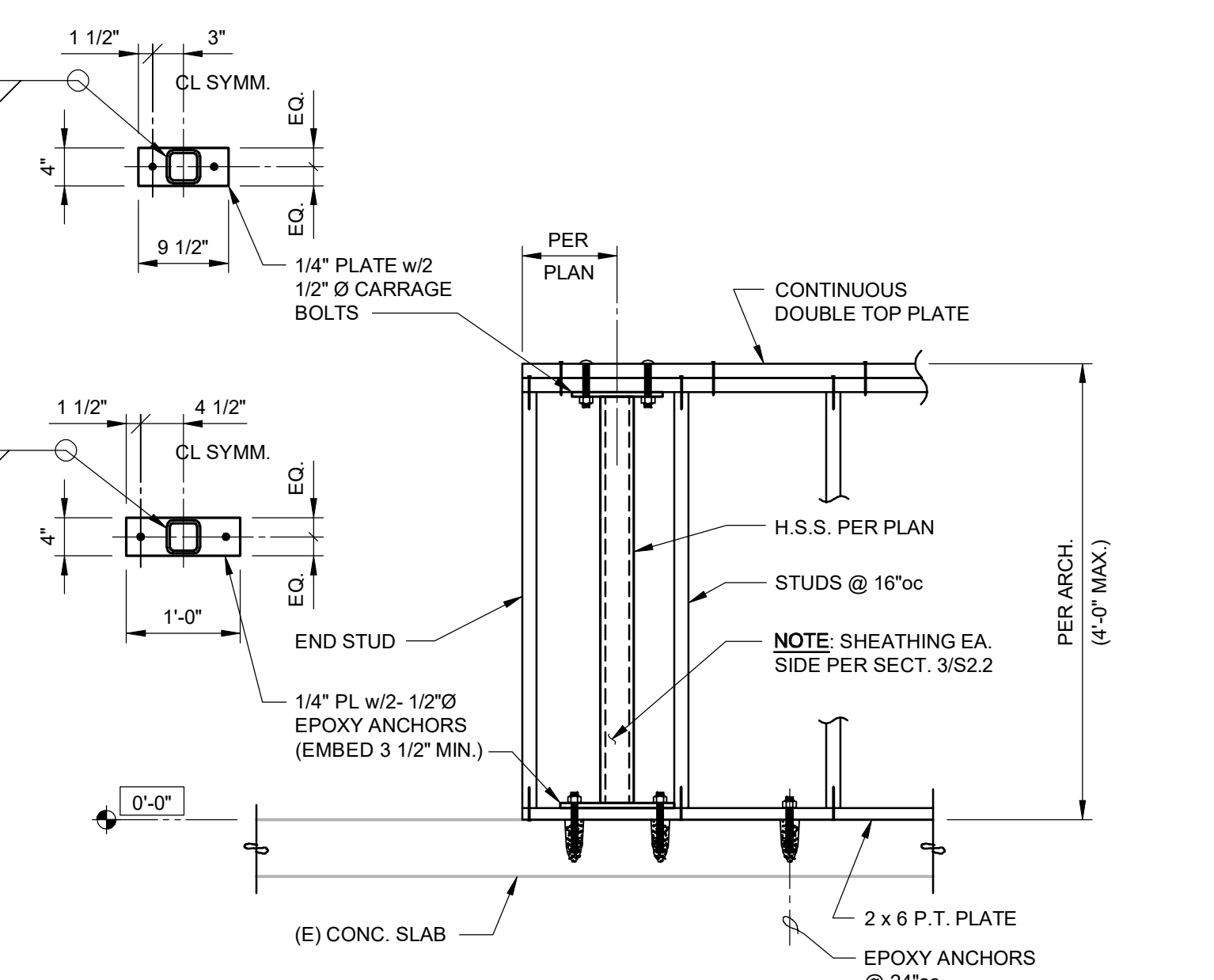
NOTE:  
 1.) WHERE CONCENTRATED LOADS ARE LOCATED MORE THAN 6" FROM A PANEL POINT CL REINFORCE THE JOIST WITH AN ADDED ANGLE (E.S. JOIST) EXTENDING FROM THE POINT LOAD TO THE NEAREST PANEL POINT ON THE OPPOSITE CHORD.  
 2.) DO NOT PLACE LOAD UNTIL ANGLE SUPPORT IS INSTALLED.  
 3.) NOT REQUIRED IF THERE ARE EXISTING ANGLES PRESENT AT THESE LOCATIONS.



**5 SECTION**

3/4" = 1'-0"

NOTE: CONTRACTOR TO VERIFY EXISTING CONDITIONS & DIMENSIONS PRIOR TO BEGINNING WORK.



**6 SECTION**

3/4" = 1'-0"

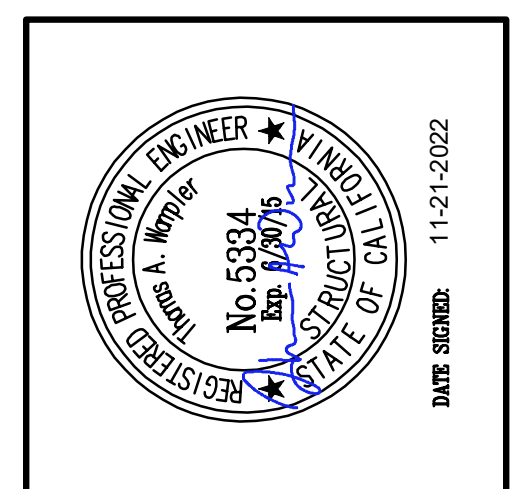
WALL BRACING SCHEDULE				
MARK	STRAP (50 k.s.f.)	HOLDOWN	NUMBER OF SCREWS	
			GUSSET TO T. & B. TRACK	GUSSET TO DBL. STUDS
1	1/2" G.W.B. (NO STRAP REQUIRED)	NONE	UNBLOCKED SCREW @ 7" EDGES & 7" FIELD	
2	2" x 16GA.		8	18
3	3" x 16GA.	SILT20	12	25

NOTE: 1.) SCREWS MUST BE PLACED AT LEAST 3/4" APART AND MUST BE 3/4" FROM EDGE OR END OF ALL METAL PIECES.

HOLDOWN SCHEDULE		
HOLDOWN	ANCHORS	SCREWS
SIMPSON SILTT20	1/2" SIMPSON TITEN HD (EMBED 3 1/4") INSPECTED INSTALLATION I.C.C. ESR 2713	8 #10
SIMPSON SHHT4	5/8" SIMPSON TITEN HD (EMBED 3 1/4") INSPECTED INSTALLATION I.C.C. ESR 2713	18 #10

DATE	NO.	DESCRIPTION
11-21-2022		PERMIT SET

DATE	NO.	DESCRIPTION
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 www.enwengineers.com

**COSTCO WHOLESALE**  
 OFFICE FRAMING SECTIONS  
 MEZZANINE REMODEL  
 7095 MARKET PL DRIVE,  
 GOLETA, CA 93117

JOB NO: 97167021-3  
 ENGINEER: A. SUNG  
 DRAWN: N. NADERI  
 DATE: 11-14-2022

SHEET NO: **S2.3**