

CENTRAL PIERCE FIRE & RESCUE TENANT IMPROVEMENT

AGENCY NOTES

CONSTRUCTION TYPE: TYPE II-B (SPRINKLED)
 OCCUPANCY: B (OFFICE), A3
 SEISMIC DESIGN CAT.: D-1
 SEISMIC SITE CLASS: D
 OCCUPANCY CAT: II
 ZONING: MP - BUSINESS PARK (PER CITY ZONING MAP)
 USE: B OCCUPANCY; TENANT FINISH OUT OF SHELL BUILDING
 EXISTING SHELL BUILDING PERMIT: B-19-1093

APPLICABLE CODES:
 2018 IBC W/ WA STATE AMENDMENTS
 2018 INTERNATIONAL FIRE CODE
 2018 INTERNATIONAL EXISTING BUILDING CODE
 2018 UNIFORM PLUMBING CODE
 2018 WASHINGTON STATE ENERGY CODE
 WA STATE VENTILATION AND INDOOR AIR QUALITY CODE
 2016 NFPA STANDARD 72
 2016 NFPA STANDARD 13, 13-D, AND 13-R

NO. OF STORIES: 4 ALLOWED; 2 PROVIDED

BUILDING AREA:
 FIRST FLOOR: 90,721 GSF (EXISTING/ NOT ALTERED)
 SECOND FLOOR: 91,774 GSF (EXISTING/ NOT ALTERED)
 TOTAL: 182,495 GSF (EXISTING/ NOT ALTERED)

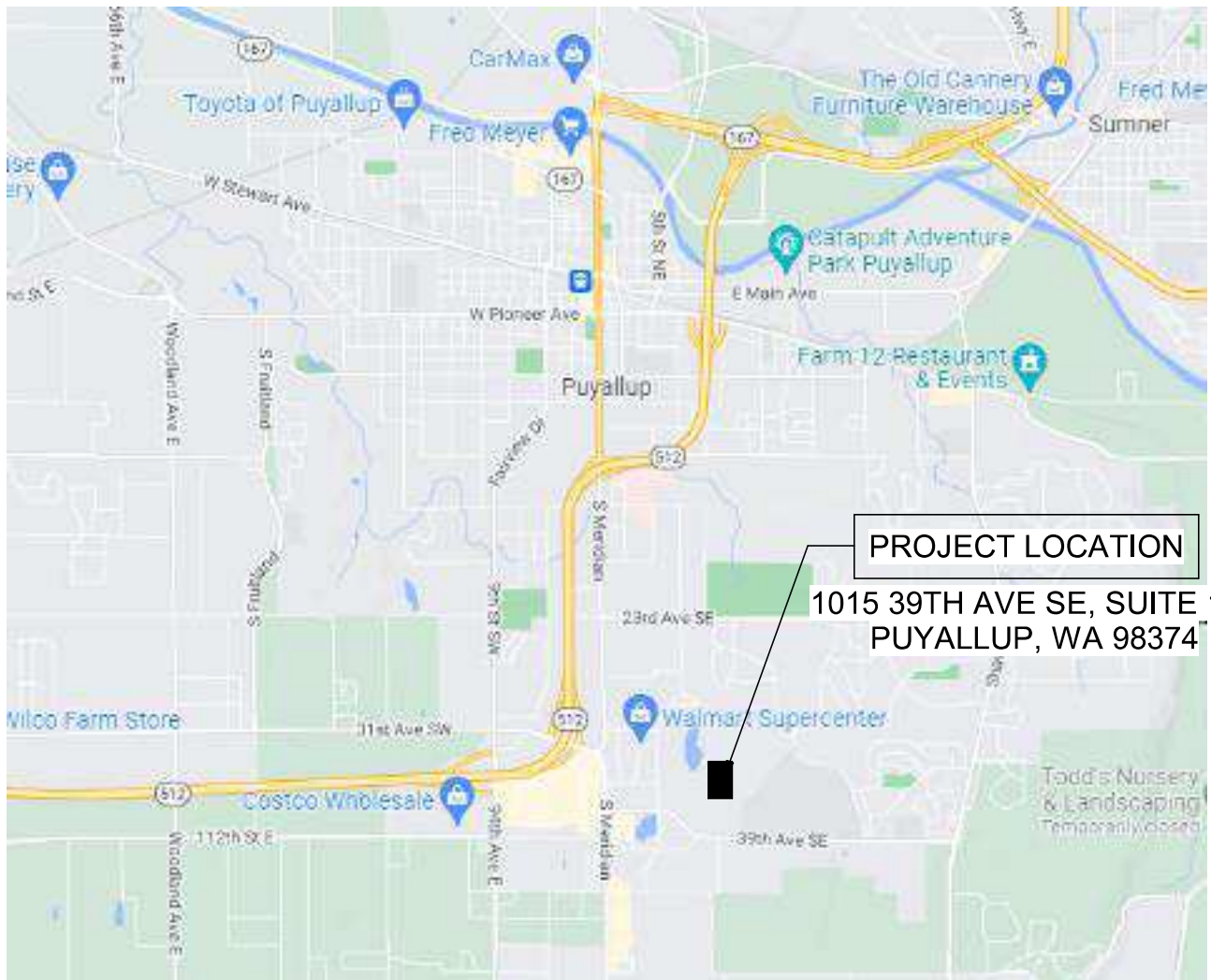
PROJECT DESCRIPTION

TENANT IMPROVEMENT AND FINISH OUT OF THE NORTH SIDE OF LEVEL 1. IMPROVEMENTS INCLUDE OFFICES, MEETING ROOMS, EXERCISE AREA AND BREAK ROOMS. THE INTERIOR ALTERATIONS DO NOT INCREASE THE BUILDINGS AREA, NOR DO THEY ALTER THE BUILDING EGRESS AND/OR CIRCULATION OUTSIDE THE RENOVATED SPACE.

LEGAL DESCRIPTION

PIERCE COUNTY ASSESSOR'S PARCEL #. 0419034038
 A PORTION OF REVISED PARCEL 1, CITY OF PUYALLUP BOUNDARY LINE REVISION NO. P-12-0044, RECORDED UNDER RECORDING NO. 201211145004, IN PIERCE COUNTY, WASHINGTON;
 EXPECT THAT PORTION THEREOF DEDICATED TO THE CITY OF PUYALLUP BY DEED RECORDED UNDER RECORDING NO. 201212200909, LYING IN THE SOUTHEAST QUARTER OF SECTION 3, TOWNSHIP 19 NORTH, RANGE 4 EAST, W.M., PIERCE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:
 COMMENCING AT THE STONE MONUMENT MARKING THE SOUTH QUARTER CORNER OF SAID SECTION 3, WHICH MONUMENT IS NORTH 86°31'42" WEST, 2621.06 FEET FROM THE SOUTHEAST CORNER OF SAID SECTION 3;
 THENCE ALONG SAID SOUTH SECTION LINE, SOUTH 86°31'42" EAST, A DISTANCE OF 1,310.53 FEET TO THE SOUTH SIXTEENTH CORNER OF SAID SECTION 3;
 THENCE ALONG THE NORTH-SOUTH CENTER LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 3, NORTH 00°13'45" EAST, A DISTANCE OF 53.05 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY OF 39TH AVENUE SOUTHEAST;
 THENCE CONTINUING ALONG SAID NORTH-SOUTH CENTER LINE, NORTH 00°13'45" EAST, A DISTANCE OF 392.49 FEET TO THE NORTH LINE OF THAT PARCEL DESCRIBED IN THE INSTRUMENT RECORDED UNDER AUDITOR'S NO. 8906300604;
 THENCE ALONG SAID NORTH LINE, SOUTH 86°31'42" EAST, A DISTANCE OF 295.47 FEET TO THE EAST LINE OF LARGE LOT SEGREGATION UNDER AUDITOR'S NO. 200704305001;
 THENCE NORTH 00°13'45" EAST, ALONG SAID EAST LINE A DISTANCE OF 1,625.81 FEET;
 THENCE SOUTH 89°59'00" WEST, A DISTANCE OF 579.05 FEET TO THE POINT OF BEGINNING;
 THENCE SOUTH 00°00'36" WEST, A DISTANCE OF 815.64 FEET;
 THENCE SOUTH 89°59'00" WEST, A DISTANCE OF 547.26 FEET;
 THENCE NORTH 00°00'36" EAST, A DISTANCE OF 489.96 FEET;
 THENCE NORTH 89°59'00" EAST, A DISTANCE OF 80.33 FEET;
 THENCE NORTH 00°15'12" WEST, A DISTANCE OF 225.75 FEET;
 THENCE NORTH 37°10'59" EAST, A DISTANCE OF 186.48 FEET;
 THENCE SOUTH 52°49'01" EAST, A DISTANCE OF 80.41 FEET TO A POINT WHICH BEARS SOUTH 89°59'00" WEST FROM THE POINT OF BEGINNING;
 THENCE NORTH 89°59'00" EAST, A DISTANCE OF 291.22 FEET TO THE POINT OF BEGINNING.
 (ALSO KNOWN AS LOT 3, CITY OF PUYALLUP BOUNDARY LINE REVISION NO. P-18-0145, RECORDED UNDER AUDITOR'S FILE NO. 201905225002, RECORDS OF PIERCE COUNTY, WASHINGTON)

VICINITY MAP



PROJECT DIRECTORY

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 TEL: (206) 890-1570

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 EMAIL: chad@workpointe.com
 TEL: (206) 390-6300

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 BELLEVUE, WA 98005
 CONTACT: KAREN NELSON
 EMAIL: knelson@catalystactivation.com
 TEL: (253) 740-2754

ENVELOPE SUMMARY (EXISTING TO REMAIN)

BUILDING ENVELOPE WILL NOT BE ALTERED AS PART OF THIS PROJECT EXCEPT FOR ADDING A LAYER OF 5/8" GWB TO COVER ANY EXPOSED INSULATION AT EXTERIOR WALLS.

BUILDING ENVELOPE REQUIREMENTS AT TIME OF WORK:
 2015 WASHINGTON STATE ENERGY CODE
CLIMATE ZONE 4C, PIERCE COUNTY, WA
 ROOFS - INSULATION ENTIRELY ABOVE ROOF DECK
 ROOFS - ATTIC & OTHER; INSULATION BELOW DECK & ATTIC VENTING
 WALLS - ABOVE GRADE
 WALLS - BELOW GRADE
 FLOORS - OVER UNCONDITIONED SPACE
 SLAB-ON GRADE-FLOORS - UNHEATED
 SLAB-ON GRADE-FLOORS - HEATED
 OPAQUE DOORS - SWINGING (INSULATED HM)

MINIMUM INSULATION R-VALUES
 R-30
 R-13 + R-10 CI
 N/A
 N/A
 N/A
 R-10 FOR 24" BELOW
 N/A
 U-0.37

VERTICAL FENESTRATION -30% MAX. OF ABOVE GRADE WALL

METAL FRAMING ENTRANCE DOOR
 METAL FRAMING - FIXED (INCLUDES CURTAIN WALL & STOREFRONT)
 NON-METAL FRAMING - ALL

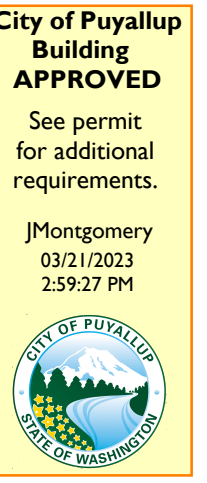
ASSEMBLY MAX. U-FACTORS
 U-0.60
 U-0.38
 N/A
 ASSEMBLY MAX. SHGC
 0.40

VERTICAL FENESTRATION

CODE COMPLIANCE

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (TABLE 601) - TYPE II-B

STRUCTURAL FRAME	NON RATED
BEARING WALLS EXT.	NON RATED
BEARING WALLS INT.	NON RATED
NON-BEARING WALLS & PARTITIONS INTERIOR	* NON RATED
FLOOR CONSTRUCTION	NON RATED
ROOF CONSTRUCTION	NON RATED

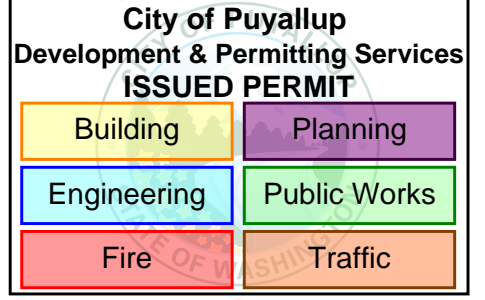


FIRE RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (TABLE 602) - ALL EXISTING

FIRE SEPARATION DISTANCE < 5 FT 1 HOUR
 FIRE SEPARATION DISTANCE 5 TO < 10 FT 1 HOUR
 FIRE SEPARATION DISTANCE 10 TO < 30 FT NON RATED

*NOTE: THE EXISTING BUILDING AREA LOCATED ON GRIDS 1-6 WERE FORMALLY DESIGNATED AS AN "A" (ASSEMBLY) OCCUPANCY WITH AN ASSOCIATED BUILDING AREA SEPARATION WALL. A MINIMAL PORTION OF THE AREA SEPARATION WALL WILL BE DEMOLISHED UNDER THIS WORK. THE NEW WALLS INSTALLED IN THOSE DEMOLISHED AREAS WILL CARRY A 1-HR RATING. THE PROPOSED BUILDING OCCUPANCY THROUGHOUT (BOTH FLOORS) WILL BE, AND IS, "B" (OFFICE).

SEE ADDITIONAL INFORMATION ON SHEET G-003



REQUIRED PLUMBING FIXTURES:

376 OCCUPANTS / 2 = 188 MEN, 188 WOMEN

WATER CLOSETS REQUIRED: 4 MEN, 4 WOMEN
 WATER CLOSETS PROVIDED: 3 MEN, 5 WOMEN, 4 UNISEX (12 TOTAL)
 URINALS PROVIDED: 2

LAVATORIES REQUIRED: 4 MEN, 4 WOMEN
 LAVATORIES PROVIDED: 2 MEN, 2 WOMEN, 4 UNISEX (8 TOTAL)

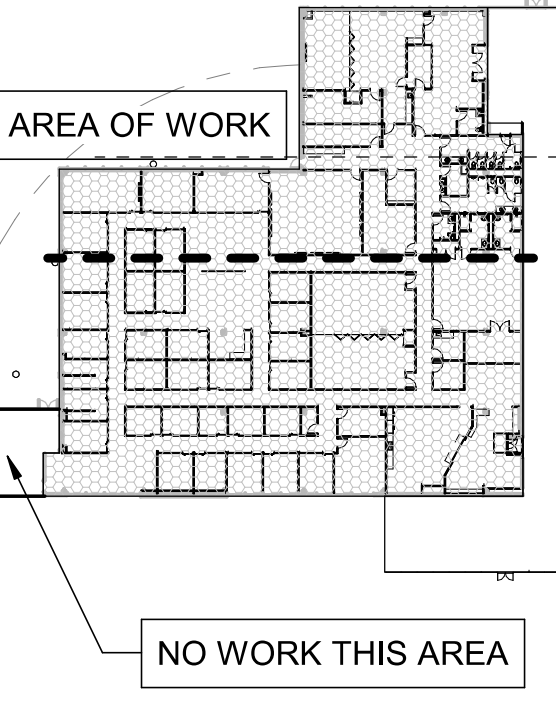
DRINKING FOUNTAINS REQUIRED: 4
 DRINKING FOUNTAINS PROVIDED: *4

*NOTE: TWO DRINKING FOUNTAINS WILL BE PROVIDED AS PART OF THIS PROJECT. THERE ARE TWO EXISTING DRINKING FOUNTAINS IN THE BUILDING LOBBY. PER IBC SECTION 2902.5 DRINKING FOUNTAINS, "DRINKING FOUNTAINS SHALL NOT BE REQUIRED TO BE LOCATED IN INDIVIDUAL TENANT SPACES PROVIDED THAT PUBLIC DRINKING FOUNTAINS ARE LOCATED WITHIN A DISTANCE OF TRAVEL OF 500 FEET OF THE MOST REMOTE LOCATION IN THE TENANT SPACE AND NOT MORE THAN ONE STORY ABOVE OR BELOW THE TENANT SPACE." THE ADDITIONAL 2 DRINKING FOUNTAINS IN THE BUILDING LOBBY ARE LOCATED UNDER 350 FEET AWAY.

ALLOWABLE BUILDING AREAS (EXISTING TO REMAIN AND WILL NOT BE ALTERED):

CONSTRUCTION TYPE	IIB	
ALLOWABLE NUMBER OF STORIES	4	
MAXIMUM FLOOR AREA (MEASURED)	90,738	
IBC 2012 REFERENCE	ALLOWABLE AREA	CALCULATED AREA
TABLE 503	23,000	
SECTION 506.3	46,000	23,000 x 200%
EQUATION 5-2	22,151	23,000 x 96.31%
TOTAL ALLOWABLE AREA PER FLOOR	91,151	(23,000 + 46,000 + 22,151)
EQUATION 5-2 VARIABLE	VALUE	CALCULATED AREA
F	1101.646 FEET	MEASUREMENT
P	1505.92 FEET	MEASUREMENT
W	*60	EQUATION 5-3 INCLUDING EXCEPTION
I/F (FRONTAGE INCREASE % VALUE)	0.960387	[(1101.646/1505.92) - 0.25]x[60/2]
*ALL OF VALUE F IS OPEN FRONTAGE OF 60' OR GREATER WITH ACCESS FROM A FIRE LANE		
*ALLOWABLE AREA CALCULATIONS BASED ON 2012 IBC, CHAPTER 5		

KEY PLAN:



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TP0.02	SCHEDULES PLUMBING
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TP2.01	1ST FLOOR PARTIAL PLAN PLUMBING
DP2.01	1ST FLOOR PARTIAL DEMO PLAN PLUMBING
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E6.02	PANEL SCHEDULES

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 PUYALLUP, WA 98374

PROJECT
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 CENTRAL PIERCE FIRE AND RESCUE
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 PUYALLUP, WA 98374

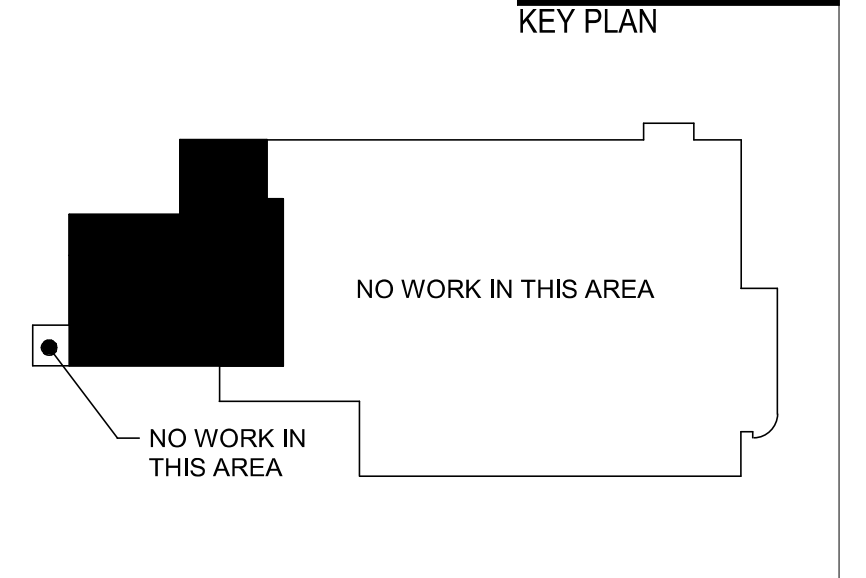
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 WJA DESIGN-COLLABORATIVE
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STAMP
 MIA MARSHALL
 REGISTERED ARCHITECT
 STATE OF WASHINGTON

ISSUANCE
 ISSUE DATE: 02/17/2023
 DRAWN BY: WJA
 CHECKED BY: WJA

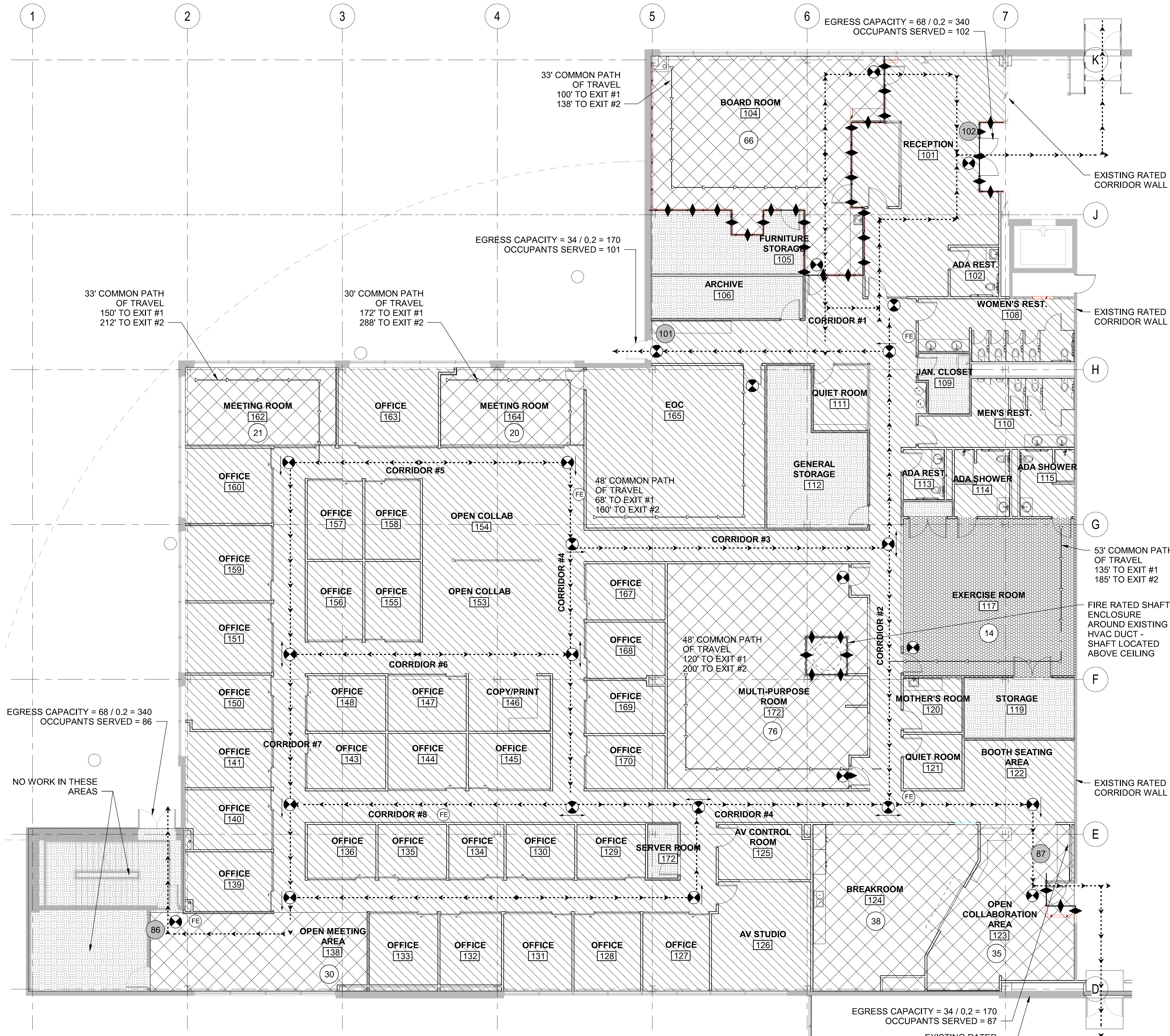
REVISION LIST

NO.	DATE	DESCRIPTION	BY
1	01/30/23	PERMIT SET	
1	02/17/23	100% CONSTRUCTION DOCS	
3	03/08/23	POST CD'S REVISIONS	



SHEET TITLE
COVER SHEET

SHEET NUMBER
G-001
 PRCT120230098
 Marshall Design + Management, LLC 2023



CODE PLAN GENERAL NOTES

- OCCUPANT LOADS CALCULATED PER TABLE 1004.5 OF THE 2018 IBC.

EGRESS TAG LEGEND

- OCCUPANT LOAD
- COLLECTIVE OCCUPANT LOAD AT EXIT
- EGRESS PATH OF TRAVEL
- TRAVEL DISTANCE
- FIRE EXTINGUISHER
- EXIT SIGN
- 1 HR FIRE BARRIER

OCCUPANT LOAD LEGEND

- BUSINESS OLF: 150 GSF/PER PERSON
- ASSEMBLY (ACCESSORY USE) OLF: 15 NSF/PER PERSON
- EXERCISE ROOM OLF: 50 GSF/PER PERSON
- STORAGE OLF: 300 GSF/PER PERSON

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

OCCUPANCY LOAD

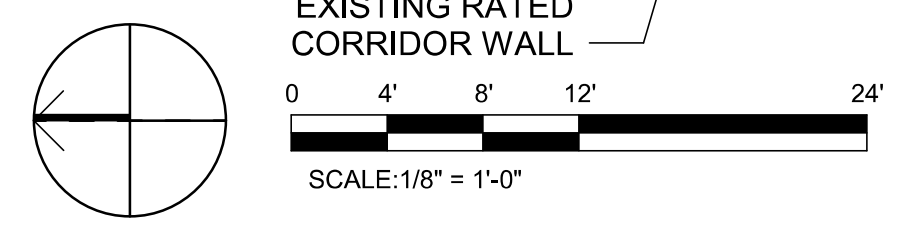
OCCUPANT LOAD	AREA (SF)	OCCUPANT LOAD
ASSEMBLY (UNCONCENTRATED TABLES AND CHAIRS)	2,094	283
BUSINESS	13,975	89
STORAGE	1,279	5
TOTAL	17,348	376

EXITING

EXITING	REQUIRED	PROVIDED
NUMBER OF EXITS: GROUP B PER TABLES 1006.2.1 AND 1006.3.2	MAX 500 OCC LOAD = 2 EXITS	4
COMMON PATH OF EGRESS: GROUP B	100' MAX W/ SPRINKLERS	53'
EXIT ACCESS TRAVEL DISTANCE PER TABLE 1017.2: GROUP B	300' MAX W/ SPRINKLERS	138' 185' 212' 288'

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW

1 CODE PLAN
G-002 SCALE: 1/8" = 1'-0"



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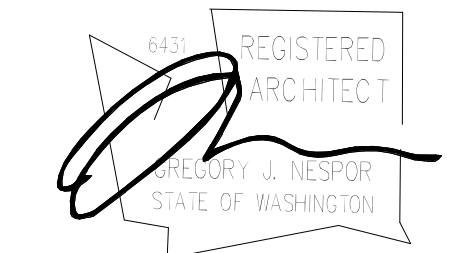
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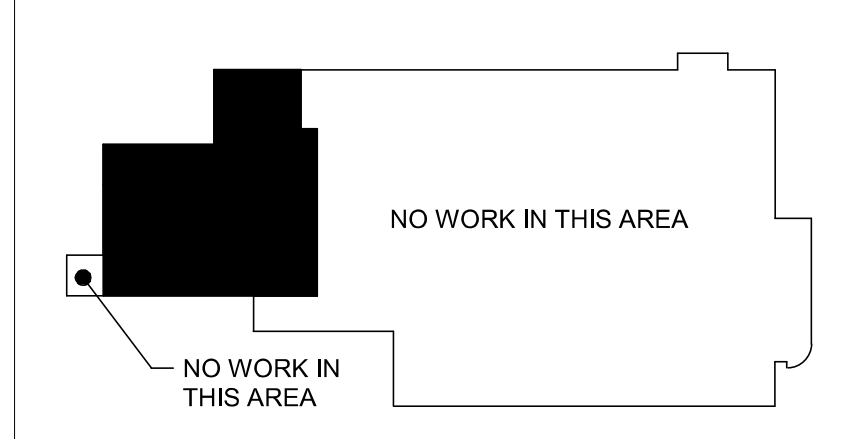
ISSUANCE

ISSUE DATE: 02/17/2023
DRAWN BY: WJA
CHECKED BY: WJA

REVISION LIST

NO.	DATE	DESCRIPTION	BY
1	01/30/23	PERMIT SET	
1	02/17/23	100% CONSTRUCTION DOCS	

KEY PLAN



SHEET TITLE

LIFE SAFETY EGRESS PLAN

SHEET NUMBER

G-002
PRCT120230098

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IBC CHAPTER 3 - USE AND OCCUPANCY CLASSIFICATION

302.1 CLASSIFICATION, GENERAL

THE PROPOSED BUILDING IS CLASSIFIED IN OCCUPANCY GROUPS A-3 (ASSEMBLY) AND B (BUSINESS) AND COMPLIES WITH IBC SECTION 508.4 FOR SEPARATED OCCUPANCIES.

303.1.2 SMALL ASSEMBLY SPACES

THE BUILDING COMPLIES WITH NOT HAVING TO CLASSIFY CERTAIN ROOMS AS ASSEMBLY OCCUPANCIES. THOSE ROOMS WITH AN OCCUPANT LOAD OF LESS THAN 50 PERSONS AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS A GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY.

IBC CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS (EXISTING TO REMAIN AND NOT ALTERED)

THE PROPOSED BUILDING:

- CONSISTS OF TYPE IIB CONSTRUCTION THROUGHOUT;

506.2 ALLOWABLE AREA DETERMINATION (EXISTING TO REMAIN AND NOT ALTERED)

508.2.3 ALLOWABLE BUILDING AREA

"AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10 PERCENT OF THE FLOOR AREA OF THE STORY IN WHICH THEY ARE LOCATED AND SHALL NOT EXCEED THE TABULAR VALUES FOR NONSPRINKLERED BUILDINGS IN TABLE 506.2 FOR EACH ACCESSORY OCCUPANCY."

THE PROPOSED DESIGN IS PROVIDING A 1-HR SEPARATION AT BOARD ROOM 104. WITH THIS SEPARATION, THE MULTI PURPOSE ROOM 172 BECOMES LOWER THAN THE 10 PERCENT THRESHOLD FOR THE ENTIRE SPACE AND THEREFORE DOES NOT REQUIRE A 1-HR SEPARATION.

508.4 SEPARATED OCCUPANCIES, ALLOWABLE BUILDING AREA AND HEIGHT

THE BUILDING COMPLIES WITH SECTION 508.4 FOR SEPARATED OCCUPANCIES. IT CONTAINS GROUP A-3, GROUP B, AND GROUP S-1 OCCUPANCIES.

IBC CHAPTER 6 - TYPES OF CONSTRUCTION

601 GENERAL

THE PROPOSED BUILDING IS CLASSIFIED IN CONSTRUCTION TYPE IIB. BUILDING ELEMENTS, INCLUDING EXTERIOR WALLS, SHALL BE NONCOMBUSTIBLE AND SHALL HAVE THE FIRE-RESISTANCE RATING SHOWN IN THE FOLLOWING TABLE:

BUILDING ELEMENT	REQUIRED FIRE-RESISTANCE RATING FOR TYPE IIB CONSTRUCTION
STRUCTURAL FRAME	0
BEARING WALLS, EXTERIOR	0
BEARING WALLS, INTERIOR	0
NONBEARING WALLS, EXTERIOR	FIRE SEPARATION DISTANCE < 10 = 1 HOUR FIRE SEPARATION DISTANCE ≥ 10 = 0 HOURS
NONBEARING WALLS & PARTITIONS, INTERIOR	0
FLOOR CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS	0
ROOF CONSTRUCTION, INCLUDING SUPPORTING BEAMS AND JOISTS	0

603.1 COMBUSTIBLE MATERIALS IN TYPES I AND II CONSTRUCTION - ALLOWABLE MATERIALS

COMBUSTIBLE MATERIALS ARE PERMITTED IN BUILDINGS OF TYPE II CONSTRUCTION IN THE APPLICATIONS LISTED IN THIS SECTION. THESE APPLICATIONS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: FIRE-RETARDANT-TREATED WOOD IN LIMITED APPLICATIONS, THERMAL AND ACOUSTICAL INSULATION, FOAM PLASTICS, ROOF COVERINGS, INTERIOR FINISHES, BLOCKING, AND MASTICS AND CAULKING.

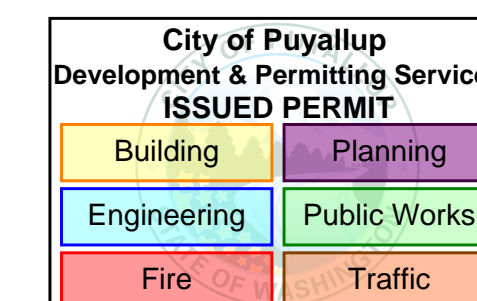
IBC CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

THE FOLLOWING TABLE SUMMARIZES THE REQUIREMENTS FOR FIRE-RESISTANCE-RATED BUILDING ELEMENTS:

BUILDING ELEMENT	CODE REFERENCE	REQUIRED FIRE-RESISTANCE RATING	PROVIDED FIRE-RESISTANCE RATING	REQUIRED FIRE DOOR RATING	PROVIDED FIRE DOOR RATING
OCCUPANCY 'A' - OCCUPANCY 'S'	IBC TABLE 508.4	1 HOUR WITH AUTOMATIC EXTINGUISHING SYSTEM	1 HOUR	45 MIN	45 MIN
OCCUPANCY 'A' - OCCUPANCY 'B'	IBC TABLE 508.4	1 HOUR WITH AUTOMATIC EXTINGUISHING SYSTEM	1 HOUR	45 MIN	0 HOURS
OCCUPANCY 'B' - OCCUPANCY 'S'	IBC TABLE 508.4	0 HOURS	0 HOURS	0 HOURS	0 HOURS

CHAPTER 10 - MEANS OF EGRESS

CODE PROVISION	CODE SECTION	ALLOWED / REQUIRED	PROPOSED
EXIT ACCESS CORRIDOR SEPARATION	TABLE 1020.1	0 HOURS	0 HOURS
OCCUPANT LOAD	TABLE 1004.5	FLOOR AREA DIVIDED BY OCCUPANT LOAD FACTOR FOR ITS USE	OCCUPANT LOADS ARE SHOWN ON SHEET G-002
EGRESS CAPACITY	1005.3.2	0.2 INCHES PER PERSON	EGRESS CAPACITIES ARE SHOWN ON SHEET G-002
NUMBER OF MEANS OF EGRESS	1006.2	TWO	FOUR
EXIT ACCESS	1016.2	EXIT ACCESS IS PERMITTED THROUGH ADJOINING/INTERVENING ROOMS	EXITING THROUGH MAIN LOBBY AND EGRESS STAIR



REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW

DESIGNER



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1015 39TH AVE SE
PUYALLUP, WA 98374

PROJECT



CENTRAL PIERCE FIRE AND RESCUE
1015 39TH AVE SE, SUITE 120
PUYALLUP, WA 98374

ARCHITECT



WJA DESIGN-COLLABORATIVE
617 WESTERN AVE
SEATTLE, WA 98104

STAMP



ISSUANCE

ISSUE DATE 02/17/2023
DRAWN BY: WJA
CHECKED BY: WJA

REVISION LIST

NO.	DATE	DESCRIPTION	BY
1	01/30/23	PERMIT SET	
1	02/17/23	100% CONSTRUCTION DOCS	

KEY PLAN

SHEET TITLE

CODE ANALYSIS

SHEET NUMBER

G-003

PRCT120230098

GENERAL STRUCTURAL NOTES

(The following apply unless shown otherwise on the plans)

CRITERIA

1. ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC).
2. DESIGN LOADING CRITERIA
PARTITION LIVE LOAD HORIZONTAL 5 PSF
3. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS FOR BIDDING AND CONSTRUCTION. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED.
5. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THEIR WORK. THE STRUCTURAL ENGINEER HAS NO OVERALL SUPERVISORY AUTHORITY OR ACTUAL AND/OR DIRECT RESPONSIBILITY FOR THE SPECIFIC WORKING CONDITIONS AT THE SITE AND/OR FOR ANY HAZARDS RESULTING FROM THE ACTIONS OF ANY TRADE CONTRACTOR. THE STRUCTURAL ENGINEER HAS NO DUTY TO INSPECT, SUPERVISE, NOTE, CORRECT, OR REPORT ANY HEALTH OR SAFETY DEFICIENCIES OF THE OWNER, CONTRACTORS, OR OTHER ENTITIES OR PERSONS AT THE PROJECT SITE.
7. CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.
8. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER. WHERE INFORMATION ON THE DRAWINGS IS IN CONFLICT WITH THE SPECIFICATIONS, THE MORE STRINGENT SHALL APPLY, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER. DO NOT SCALE THE DRAWINGS.
9. ALL STRUCTURAL SYSTEMS WHICH ARE COMPOSED OF FIELD ERECTED COMPONENTS SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTION IN ACCORDANCE WITH INSTRUCTIONS PREPARED BY THE SUPPLIER.
10. SHOP DRAWINGS STRUCTURAL STEEL SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS.
11. SHOP DRAWING REVIEW: DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD, AND THEREFORE MUST BE VERIFIED BY THE CONTRACTOR. CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY ENGINEER OF RECORD. CONTRACTOR SHALL REVIEW DRAWINGS FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION, AND ALL SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO. A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR REVIEW.
12. SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT, BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.
13. SPECIAL INSPECTION: STRUCTURAL STEEL FABRICATION AND ERECTION (INCLUDING FIELD WELDING), EXPANSION ANCHORS AND SCREW ANCHORS SHALL BE SUPERVISED IN ACCORDANCE WITH IBC SECTIONS 1704 & 1705 AND THE PROJECT SPECIFICATIONS BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE OWNER. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS DIRECTLY TO THE OWNER, ARCHITECT, STRUCTURAL ENGINEER, CONTRACTOR AND BUILDING OFFICIAL. ANY MATERIALS WHICH FAIL TO MEET PROJECT SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

RENOVATION

14. DEMOLITION:
 - A. ALL NEW OPENINGS THROUGH EXISTING WALLS, SLABS AND BEAMS SHALL BE ACCOMPLISHED BY SAW CUTTING WHEREVER POSSIBLE.
 - B. VERIFY ALL EXISTING CONDITIONS AND LOCATION OF MEMBERS PRIOR TO CUTTING ANY OPENINGS.
 - C. SMALL ROUND OPENINGS SHALL BE ACCOMPLISHED BY CORE DRILLING, IF POSSIBLE.
 - D. WHERE NEW REINFORCING TERMINATES AT EXISTING CONCRETE, REBAR DOWELS EPOXIED INTO THE EXISTING CONCRETE SHALL BE PROVIDED TO MATCH HORIZONTAL REINFORCING, UNLESS OTHERWISE NOTED ON PLANS.

CONCRETE

15. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH ACI 301. CONSTRUCTION TOLERANCES SHALL NOT EXCEED THOSE LISTED IN ACI 111. CONCRETE SHALL ATTAIN A 28-DAY STRENGTH OF $f'_c = 2500$ PSI. MIX SHALL CONTAIN NOT LESS THAN 5-1/2 BAGS OF CEMENT PER CUBIC YARD AND SHALL BE PROPORTIONED TO PRODUCE A SLUMP OF 5" OR LESS (BEFORE THE ADDITION OF ADMIXTURES). THE WATER/CEMENT RATIO SHALL NOT EXCEED 0.45 FOR ALL SLABS.

THE MINIMUM AMOUNT OF CEMENT AND THE MAXIMUM SLUMP MAY BE CHANGED IF A CONCRETE PERFORMANCE MIX IS SUBMITTED TO THE STRUCTURAL ENGINEER AND THE BUILDING DEPARTMENT FOR APPROVAL TWO WEEKS PRIOR TO PLACING ANY CONCRETE. (THE W/C RATIO LIMITS STILL APPLY). THE PERFORMANCE MIX SHALL INCLUDE THE AMOUNTS OF CEMENT, CEMENTITIOUS MATERIAL, FINE AND COARSE AGGREGATE, WATER AND ADMIXTURES AS WELL AS THE WATER/CEMENT RATIO, SLUMP, CONCRETE YIELD AND SUBSTANTIATING STRENGTH DATA IN ACCORDANCE WITH ACI 301. CHEMICAL ADMIXTURES AND FLY ASH SHALL CONFORM TO ASTM C494 AND C618 RESPECTIVELY. FLY ASH PERCENTAGE OF TOTAL CEMENTITIOUS MATERIAL SHALL NOT EXCEED 20%. THE USE OF A PERFORMANCE MIX REQUIRES BATCH PLANT INSPECTION, THE COST OF WHICH SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER. REVIEW OF MIX SUBMITTALS BY THE ENGINEER OF RECORD INDICATES ONLY THAT INFORMATION PRESENTED CONFORMS GENERALLY TO CONTRACT DOCUMENTS. CONTRACTOR MAINTAINS FULL RESPONSIBILITY FOR SPECIFIED PERFORMANCE.

ALL CONCRETE WITH SURFACES EXPOSED TO STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260. TOTAL AIR CONTENT FOR FROST-RESISTANT CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318-14 TABLE 19.3.3.1. ALL CONCRETE TO RECEIVE A STEEL TROWELED FINISH SHALL NOT BE AIR-ENTRAINED.
16. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, $f_y = 60,000$ PSI.
17. REINFORCING STEEL SHALL BE DETAILED (INCLUDING HOOKS AND BENDS) IN ACCORDANCE WITH ACI 315 AND 318. LAP ALL CONTINUOUS REINFORCEMENT #5 AND SMALLER 60 BAR DIAMETERS, 2'-0" MINIMUM.
18. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES CAST AGAINST EARTH	3"
FORMED SURFACES EXPOSED TO EARTH (i.e. WALLS BELOW GROUND) OR WEATHER	2"
SLABS	1"
19. NON-SHRINK GROUT SHALL BE NON-METALLIC CONFORMING TO ASTM C1107 AND BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. GROUT STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (5000 PSI MINIMUM).

ANCHORAGE

20. EXPANSION BOLTS INTO CONCRETE SHALL BE "STRONG-BOLT 2 WEDGE ANCHOR" AS MANUFACTURED BY SIMPSON STRONG-TIE ANCHOR SYSTEMS. INSTALL IN STRICT ACCORDANCE WITH I.C.C. REPORT NO. ESR-3031 INCLUDING STANDARD EMBEDMENT REQUIREMENTS U.O.N. PROPOSED SUBSTITUTIONS SHALL BE SUBMITTED FOR REVIEW WITH I.C.C. OR IAPMO UES REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. SPECIAL INSPECTION IS REQUIRED FOR ALL EXPANSION BOLT INSTALLATION.
21. SCREW ANCHORS INTO CONCRETE SHALL BE "TITEN HD", AS MANUFACTURED BY SIMPSON STRONG-TIE ANCHOR SYSTEMS. INSTALL IN STRICT ACCORDANCE WITH I.C.C. REPORT NO. ESR-2713 INCLUDING STANDARD EMBEDMENT REQUIREMENTS U.O.N. PROPOSED SUBSTITUTIONS SHALL BE SUBMITTED FOR REVIEW WITH I.C.C. OR IAPMO UES REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. SPECIAL INSPECTION IS REQUIRED FOR ALL SCREW ANCHOR INSTALLATION.
22. DRIVE PINS, SHOT PINS AND OTHER POWDER-ACTUATED FASTENERS SHALL BE LOW VELOCITY TYPE FASTENERS AS MANUFACTURED BY HILTI CORPORATION. WHEN CALLED FOR IN THE DRAWINGS, PROVIDE THE APPROPRIATE FASTENER AS NOTED IN THE TABLE BELOW FOR EACH GIVEN APPLICATION. INSTALL IN STRICT ACCORDANCE WITH I.C.C. REPORTS NO. ESR-2269 FOR THE X-U FASTENERS AND ESR-2374 FOR THE X-CP FASTENERS. MINIMUM EMBEDMENT IN CONCRETE SHALL BE 1" UNLESS OTHERWISE NOTED. MAINTAIN AT LEAST 3" TO NEAREST CONCRETE EDGE AND 4" CENTER TO CENTER SPACING. PROPOSED SUBSTITUTIONS SHALL BE SUBMITTED FOR REVIEW WITH I.C.C. OR IAPMO UES REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES.

ALLOWABLE APPLICATION	ALLOWABLE FASTENER TYPE	SHEAR CAPACITY (LBS)	TENSION CAPACITY (LBS)
LIGHT GAUGE STEEL 33 MILS (20 GA.) MIN. TO CONCRETE (2000 PSI MIN.)	X-U 27 P8 S15	190	165
23. EPOXY-GROUTED ITEMS (THREADED RODS OR REINFORCING BAR) INTO CONCRETE SHALL BE INSTALLED USING "SET-36" ADHESIVE ANCHOR AS MANUFACTURED BY SIMPSON STRONG-TIE ANCHOR SYSTEMS. INSTALL IN STRICT ACCORDANCE WITH I.C.C. REPORT NO. ESR-4057, INCLUDING STANDARD EMBEDMENT REQUIREMENTS U.O.N. PROPOSED SUBSTITUTIONS SHALL BE SUBMITTED FOR REVIEW WITH I.C.C. OR IAPMO UES REPORTS INDICATING EQUIVALENT OR GREATER LOAD CAPACITIES. SPECIAL INSPECTION OF INSTALLATION IS REQUIRED.

STEEL

24. STRUCTURAL STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE BASED ON THE LATEST EDITIONS OF THE A.I.S.C. SPECIFICATIONS AND CODES:
 - A. AISC - STEEL CONSTRUCTION MANUAL, 15TH EDITION
 - B. AISC 303-16 - CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
25. STRUCTURAL STEEL, WIDE FLANGE (W AND WT) SHAPES SHALL CONFORM TO ASTM A992, $F_y = 50$ KSI; ALL OTHER ROLLED SHAPES SHALL CONFORM TO ASTM A36, $F_y = 36$ KSI. STEEL PLATE SHALL CONFORM TO ASTM A36, $F_y = 36$ KSI. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE C, $F_y = 50$ KSI. CONNECTION BOLTS SHALL CONFORM TO ASTM A307. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 GRADE 36, $F_y = 36$ KSI.

SUBSTITUTION OF MEMBER SIZES OR STEEL GRADE SHALL NOT BE ALLOWED WITHOUT PRIOR APPROVAL OF THE ENGINEER. ALL OTHER STEEL SHALL HAVE ONE COAT OF APPROVED SHOP PAINT.

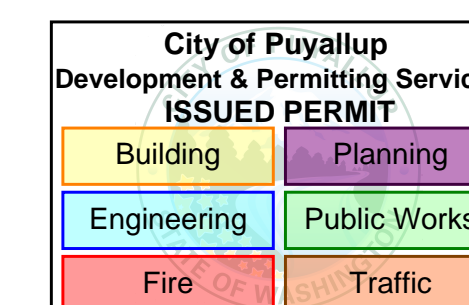
ALL MEMBERS ARE TO BE ERECTED WITH THE NATURAL MILL CAMBER OR INDUCED CAMBER UP, UNLESS OTHERWISE NOTED ON THE DRAWINGS. BEAM CAMBER ON THE DRAWINGS IS THE UPWARD CAMBER REQUIRED IN THE BEAM AS DELIVERED TO THE JOBSITE. CONTRACTOR TO CONSIDER CAMBER LOSS, IF ANY, DUE TO SHIPPING AND HANDLING.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDS AND JOINT PREPARATIONS THAT INCLUDE, BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES, AND OTHER AIDS, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, COPES, SURFACE ROUGHNESS VALUES AND UNEQUAL PARTS.
26. ALL A307 CONNECTION BOLTS SHALL BE PROVIDED WITH LOCK WASHERS UNDER NUTS OR SELF-LOCKING NUTS. ALL BOLT HOLES SHALL BE STANDARD SIZE UNLESS OTHERWISE NOTED.
27. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND A.M.S. STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70 XX ELECTRODES. ONLY PREGUALIFIED WELDS (AS DEFINED BY A.M.S.) SHALL BE USED. WELDING WITHIN 4" OF COLD BENDS IN REINFORCING STEEL IS NOT PERMITTED. SEE REINFORCING NOTE FOR MATERIAL REQUIREMENTS OF WELDED BARS. ALL WELDING SHALL BE PERFORMED BY WELDERS WITH AWS / W.A.B.O. CERTIFICATION WITH THE MATERIAL AND METHOD REQUIRED.

SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS. WELDS SHOWN ON DRAWINGS ARE MINIMUM SIZES. INCREASE WELD SIZE TO AWS MINIMUM SIZES BASED ON PLATE THICKNESS. MINIMUM WELDING SHALL BE 3/16-INCH. THE WELDS SHOWN ARE FOR THE FINAL CONNECTIONS. FIELD WELD ARROWS ARE SHOWN WHERE A FIELD WELD IS RECOMMENDED BY THE STRUCTURAL DESIGN. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF A WELD SHOULD BE SHOP OR FIELD WELDED IN ORDER TO FACILITATE THE STRUCTURAL STEEL DELIVERY AND ERECTION.
28. COLD-FORMED STEEL FRAMING NOTES - THE FOLLOWING APPLY UNLESS OTHERWISE SHOWN ON THE PLANS:
 - A. COLD-FORMED STEEL FRAMING MEMBERS SHALL BE OF THE SHAPE, SIZE, AND GAUGE SHOWN ON THE PLANS. ALL FRAMING MEMBERS SHALL COMPLY WITH I.C.C. REPORT NO. ESR-3064P. NOTATIONS ON THE DRAWINGS, RELATING TO MEMBER TYPES AND SIZES OR MISCELLANEOUS FRAMING ITEMS, REFER TO CATALOG NUMBERS OF MEMBERS MANUFACTURED BY THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA). PRODUCTS BY OTHER MANUFACTURERS MAY BE SUBSTITUTED FOR FRAMING SHOWN, PROVIDED THEY ARE EQUIVALENT IN SHAPE, SIZE, STIFFNESS, AND STRENGTH. ALTERNATE FRAMING SHALL BE SUBJECT TO REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO FABRICATION. ALL COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE A.I.S.I. "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS."
 - B. MATERIAL:
METAL FRAMING SHALL BE GALVANIZED UNLESS OTHERWISE NOTED, CONFORMING AS FOLLOWS:

ASTM A653 S5 GRADE 33	$F_y = 33$ KSI	43 AND 33 MIL
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 - C. WELDING OF COLD-FORMED METAL FRAMING SHALL CONFORM TO AWS D1.3 AND SHALL BE PERFORMED BY WELDERS QUALIFIED TO PRODUCE THE SPECIFIED CLASSES OF WELD.
 - D. WALL FRAMING: ALL STUD WALLS SHOWN AND NOT OTHERWISE NOTED SHALL BE 358S125-43 @ 16" O.C. AT INTERIOR WALLS UP TO 16'-0" TALL AND 358S162-54 AT 16" O.C. AT INTERIOR WALLS UP TO 20'-0" TALL. TWO STUDS MINIMUM SHALL BE PROVIDED AT THE END OF ALL WALLS AND AT EACH SIDE OF ALL OPENINGS. PROVIDE CONTINUOUS FULL WIDTH BLOCKING AT 1/3 POINTS OF ALL STUD WALLS UNLESS NOTED OTHERWISE. MAXIMUM GAP BETWEEN STUD AND TRACK AT ANY POINT SHALL NOT EXCEED 1/16-INCH. NO SPLICES ARE PERMITTED IN STUDS.

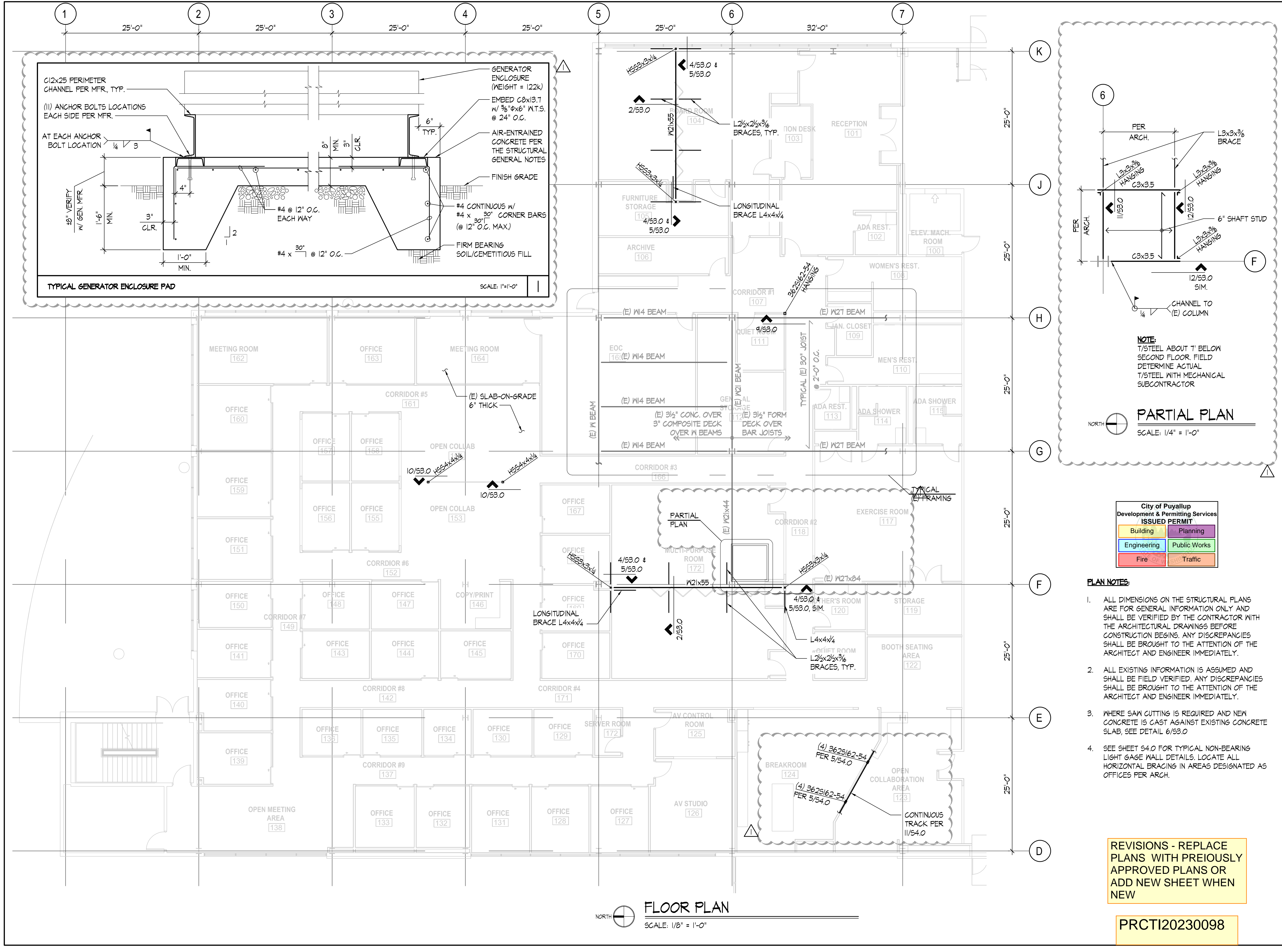
ALL STUD WALLS SHALL HAVE THEIR BOTTOM TRACKS ATTACHED TO FRAMING BELOW WITH #8 SCREWS AT 16" O.C. OR ATTACHED TO CONCRETE WITH 5/32" DIAMETER DRIVE-PINS @ 16" O.C. UNLESS INDICATED OTHERWISE. INDIVIDUAL MEMBERS OF BUILT-UP POSTS SHALL BE WELDED OR SCREWED TO EACH OTHER IN ACCORDANCE WITH THE DETAILS. WHEN NOT OTHERWISE NOTED, PROVIDE GYPSUM WALLBOARD ON INTERIOR SURFACES AND GYPSUM SHEATHING ON EXTERIOR SURFACES SCREWED TO ALL STUDS, TOP AND BOTTOM TRACKS, AND BLOCKING WITH SCREWS AT 12" O.C. ALL SCREWS SHALL BE "GRABBER" TYPE FASTENERS COMPLYING WITH I.C.C. REPORT NO. ESR-1271 ALL SPECIFIED PNEUMATIC FASTENERS SHALL BE ET&F, COMPLYING WITH I.C.C. REPORT NO. ESR-1771 TRACK SECTIONS SHALL BE UNPUNCHED AND HAVE AT LEAST 1" FLANGES AND MATCH STUD THICKNESS.



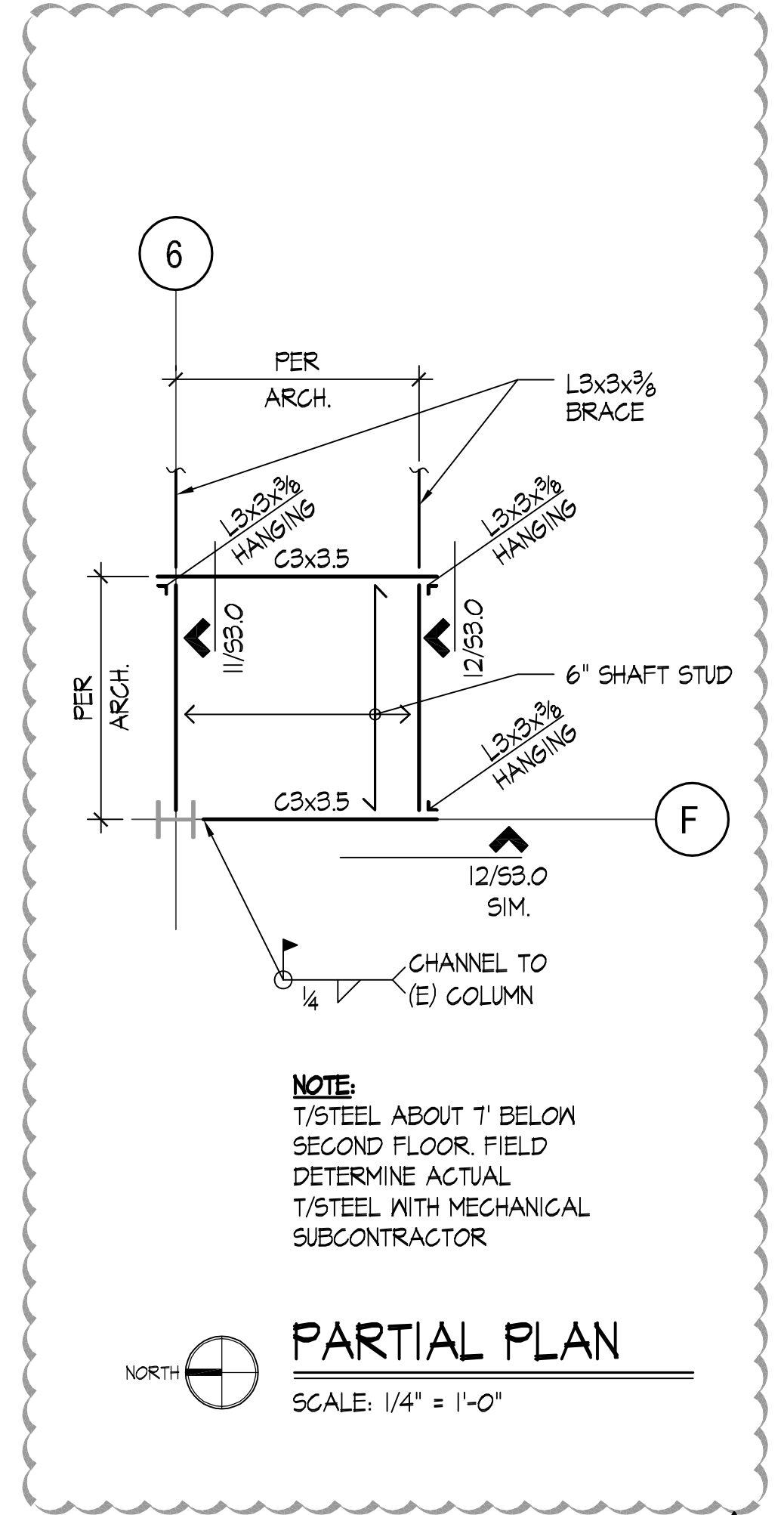
REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW

PRCT120230098

PROJECT NAME CENTRAL PIERCE FIRE AND RESCUE T.I.		
PROJECT ADDRESS 1015 - 39TH AVENUE SE PUYALLUP, WA		
CLIENT BENARAYA		
2/24/2023 2/17/2023 1/27/2023		DELTA 1 REVISIONS CONSTRUCTION SET PERMIT SUBMITTAL
No.	Date	Revision Description
REVISIONS		
CONSULTANTS		
DESIGN ARCHITECT MARSHALL DESIGN + MANAGEMENT		T: 206-890-1570
STRUCTURAL ENGINEER QUANTUM CONSULTING ENGINEERS		1511 THIRD AVE, SUITE 323 SEATTLE, WA 98101 T: 206-967-3900
MECHANICAL/ELECTRICAL ENGINEER		
LIFE SAFETY CODE CONSULTANT		
INTERIOR DESIGN		
LANDSCAPE ARCHITECT		
DRAWING STATUS		
REVISIONS		
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GENERAL STRUCTURAL NOTES		
DRAWN	SC	CHECKED MDW
SCALE		DATE 2/23/2023
PROJECT NO.		19305.03
DRAWING NO.		REVISION NO.
S1.0		



FLOOR PLAN
SCALE: 1/8" = 1'-0"



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

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

- PLAN NOTES:**
- ALL DIMENSIONS ON THE STRUCTURAL PLANS ARE FOR GENERAL INFORMATION ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR WITH THE ARCHITECTURAL DRAWINGS BEFORE CONSTRUCTION BEGINS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER IMMEDIATELY.
 - ALL EXISTING INFORMATION IS ASSUMED AND SHALL BE FIELD VERIFIED. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER IMMEDIATELY.
 - WHERE SAW CUTTING IS REQUIRED AND NEW CONCRETE IS CAST AGAINST EXISTING CONCRETE SLAB, SEE DETAIL 6/53.0
 - SEE SHEET S4.0 FOR TYPICAL NON-BEARING LIGHT GAGE WALL DETAILS. LOCATE ALL HORIZONTAL BRACING IN AREAS DESIGNATED AS OFFICES PER ARCH.

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW

PRCTI20230098

PROJECT NAME
CENTRAL PIERCE FIRE AND RESCUE T.J.I.

PROJECT ADDRESS
1015 - 39TH AVENUE SE
PUYALLUP, WA

CLIENT
BENAROYA

2/24/2023 DELTA 1 REVISIONS
2/17/2023 CONSTRUCTION SET
1/27/2023 PERMIT SUBMITTAL

No.	Date	Revision Description

DESIGN ARCHITECT
MARSHALL DESIGN + MANAGEMENT T: 206-890-1570

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MECHANICAL/ELECTRICAL ENGINEER

LIFE SAFETY CODE CONSULTANT

INTERIOR DESIGN

LANDSCAPE ARCHITECT

REVISIONS

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SCOTT H. TINKER
PROFESSIONAL ENGINEER
5098

DRAWING TITLE
FLOOR PLAN

DRAWN SC	CHECKED MDW
SCALE	DATE 2/23/2023
PROJECT NO. 19305.03	
DRAWING NO. S2.0	REVISION NO.

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No.	Date	Revision Description
REVISIONS		
CONSULTANTS		
DESIGN ARCHITECT		
MARSHALL DESIGN + MANAGEMENT		T: 206-890-1570

STRUCTURAL ENGINEER
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T: 206-957-3900

MECHANICAL/ELECTRICAL ENGINEER

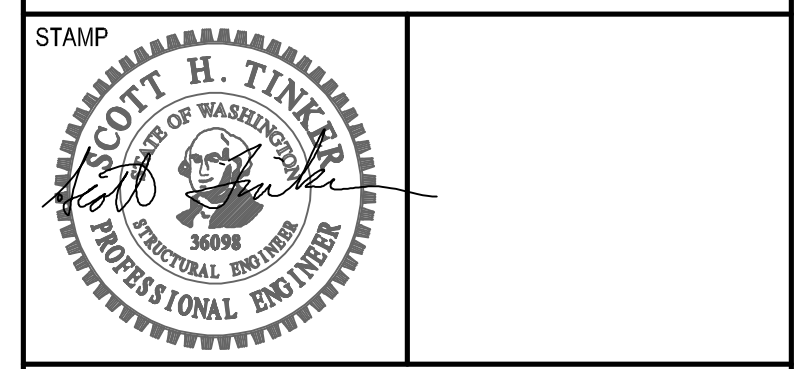
LIFE SAFETY CODE CONSULTANT

INTERIOR DESIGN

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DRAWING STATUS

REVISIONS
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DETAILS

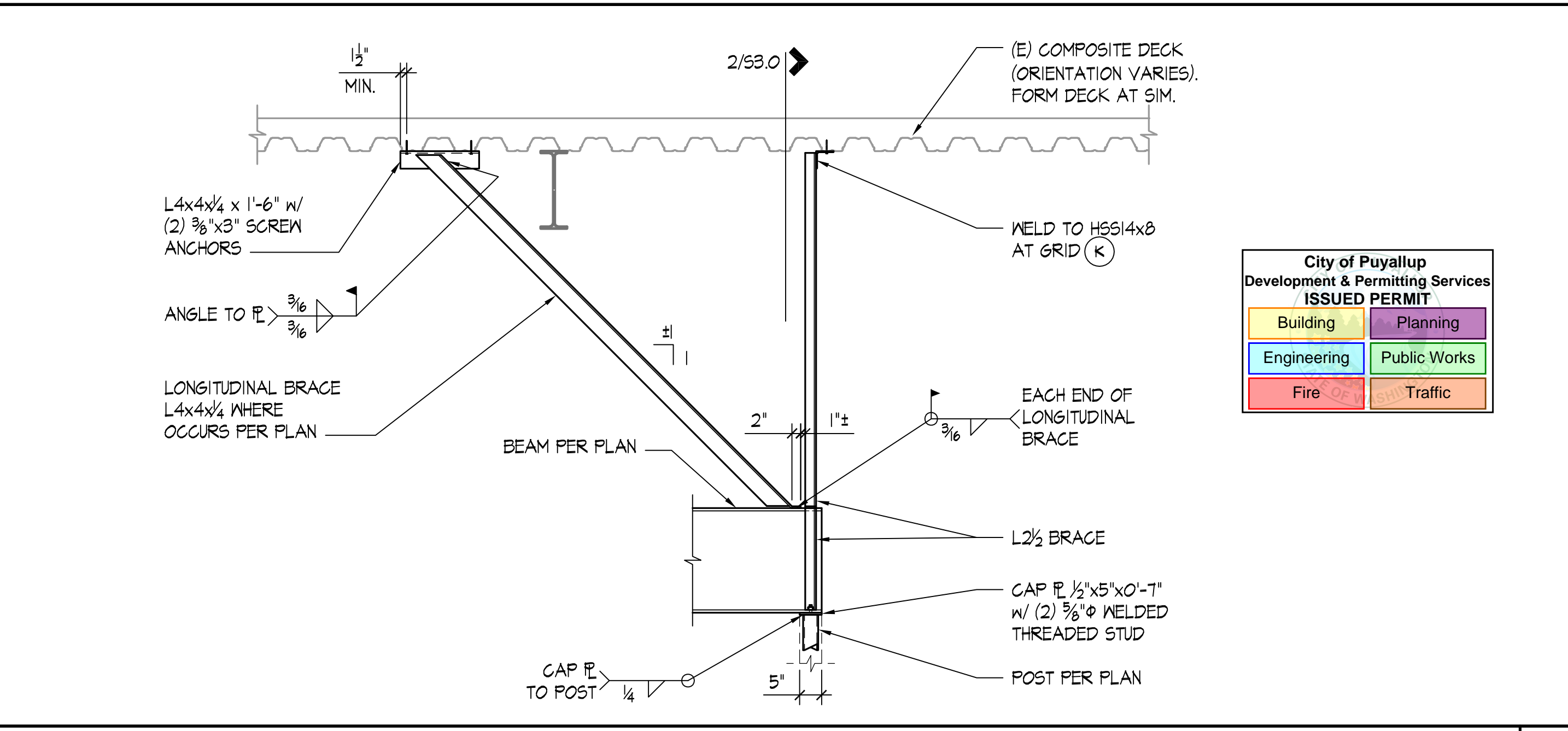
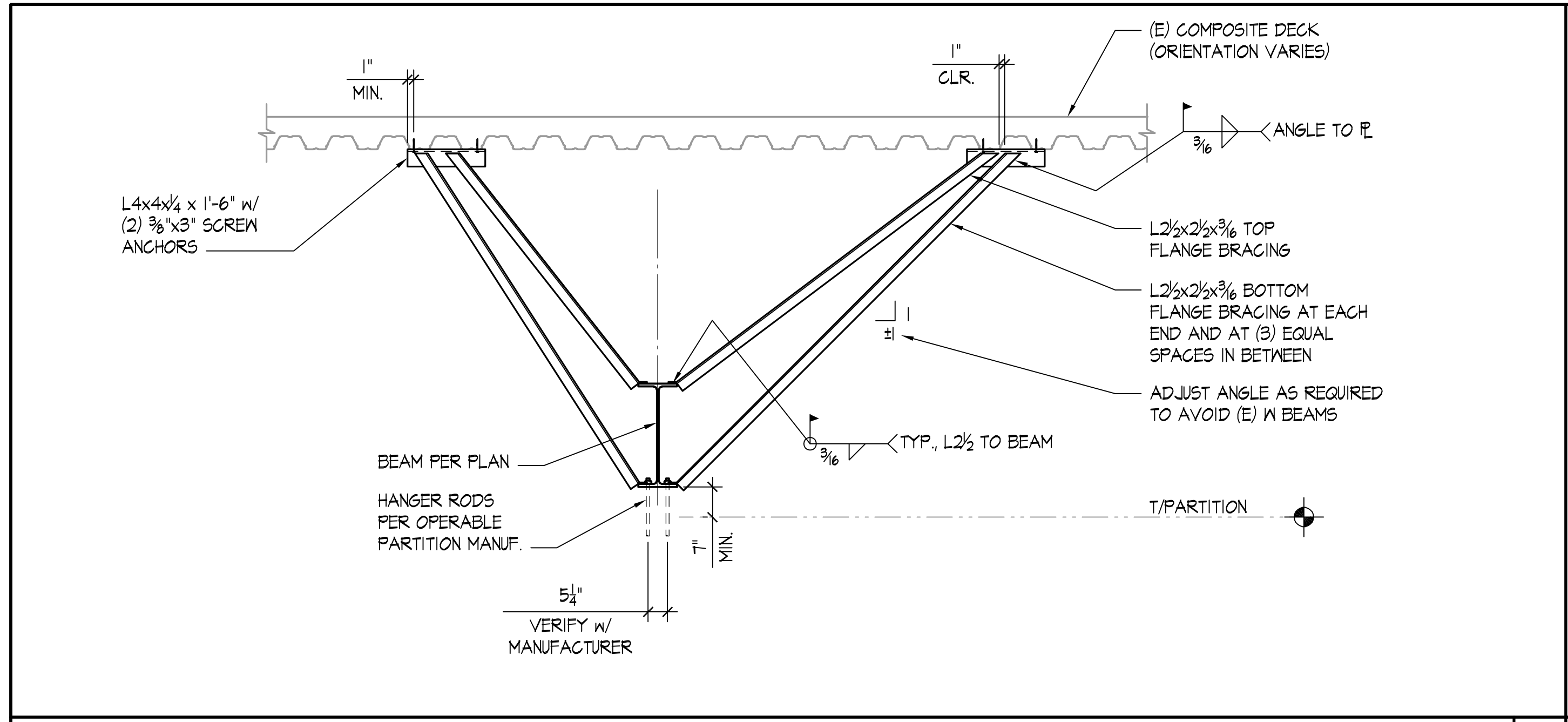
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PROJECT NO.	19305.03		

DRAWING NO. 19305.03

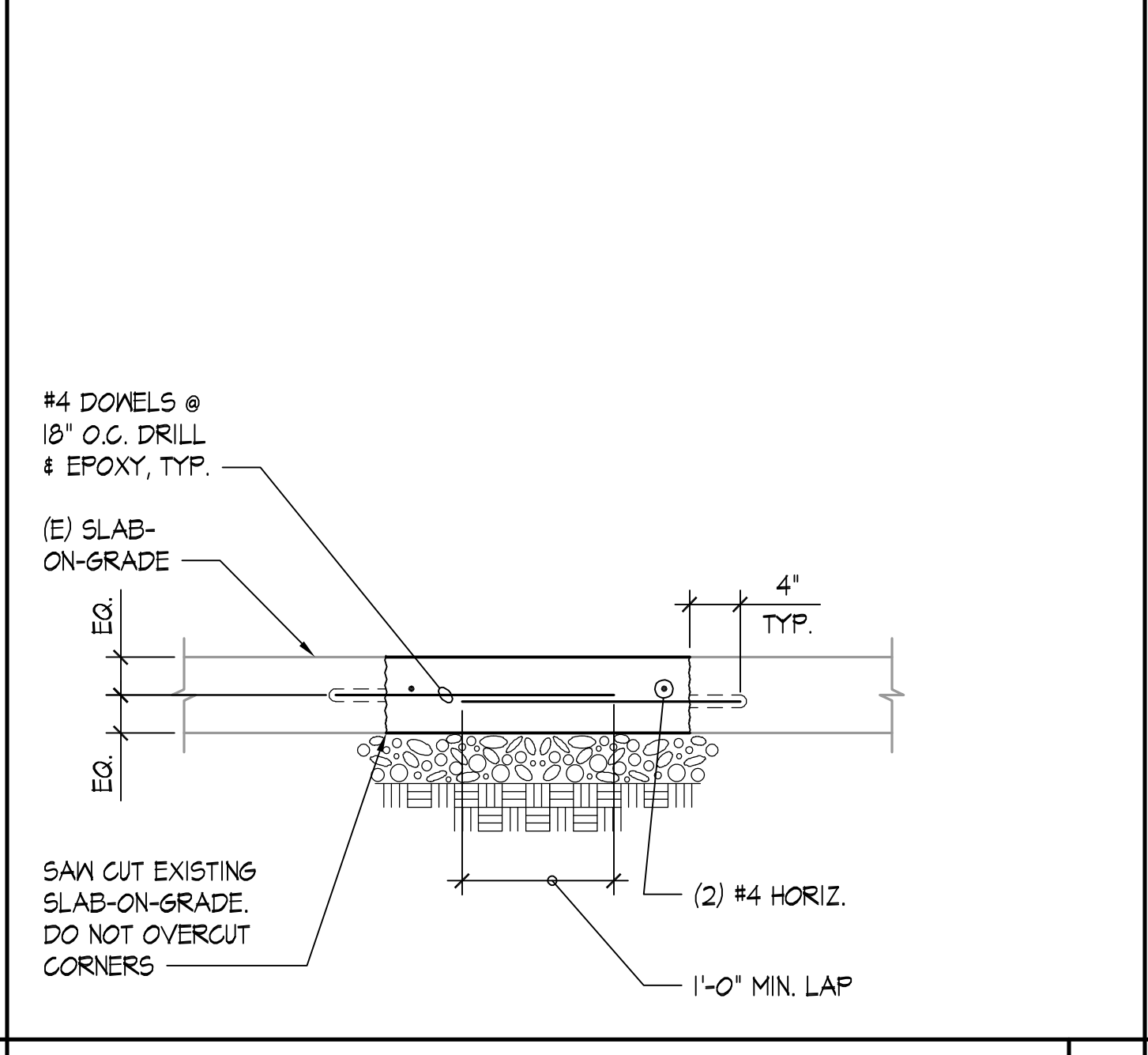
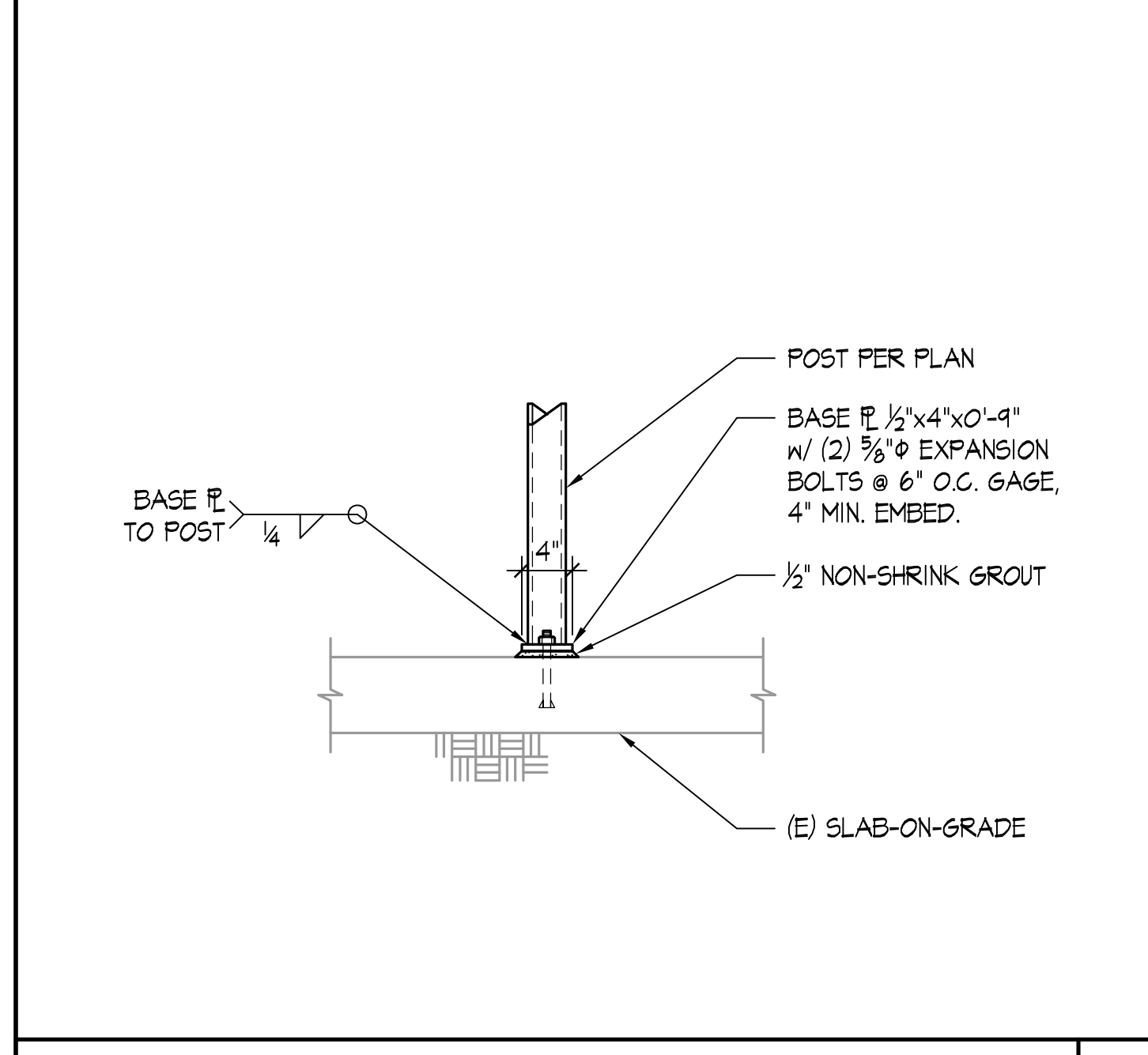
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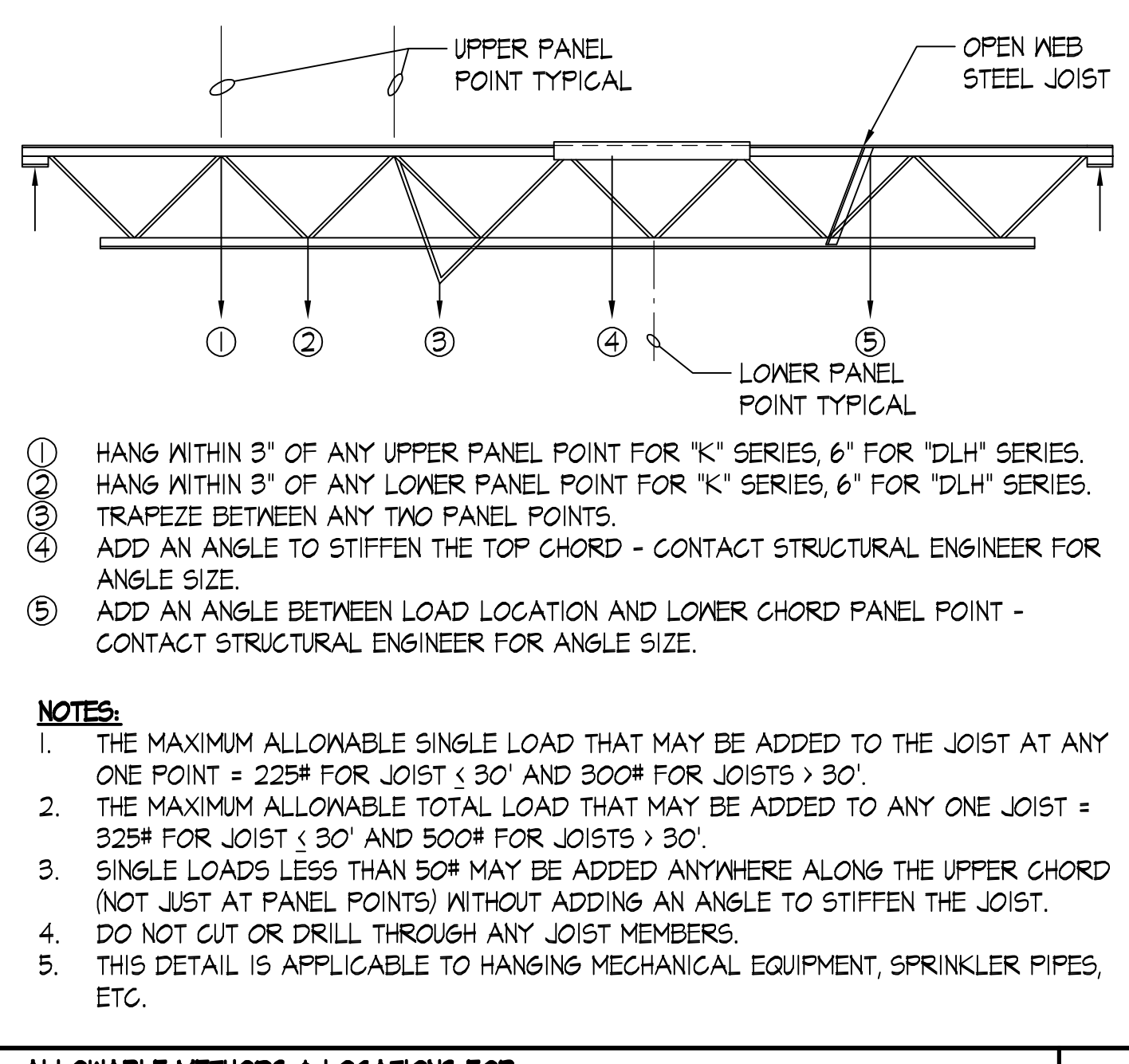
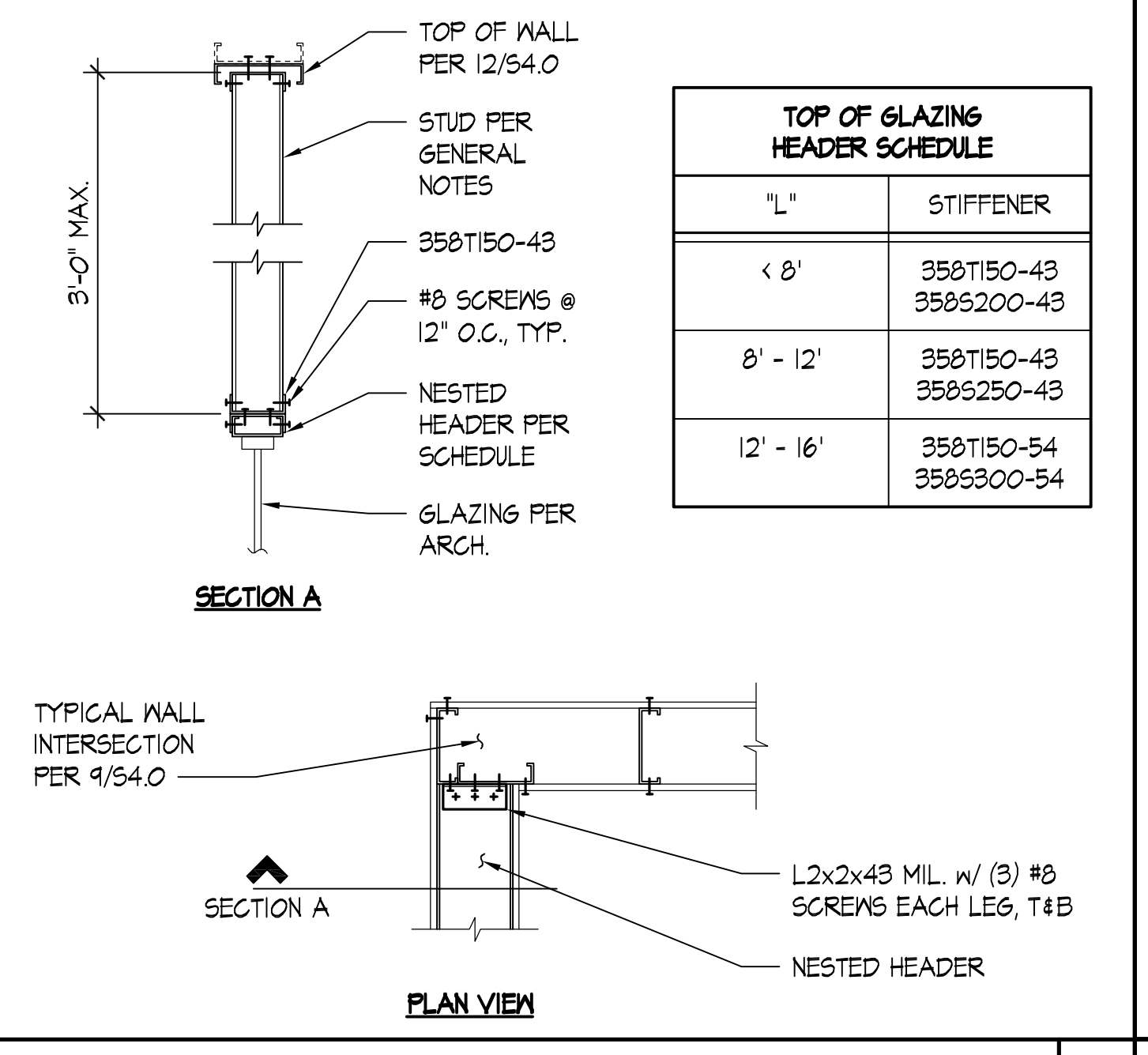
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DETAIL SCALE: NONE **4**



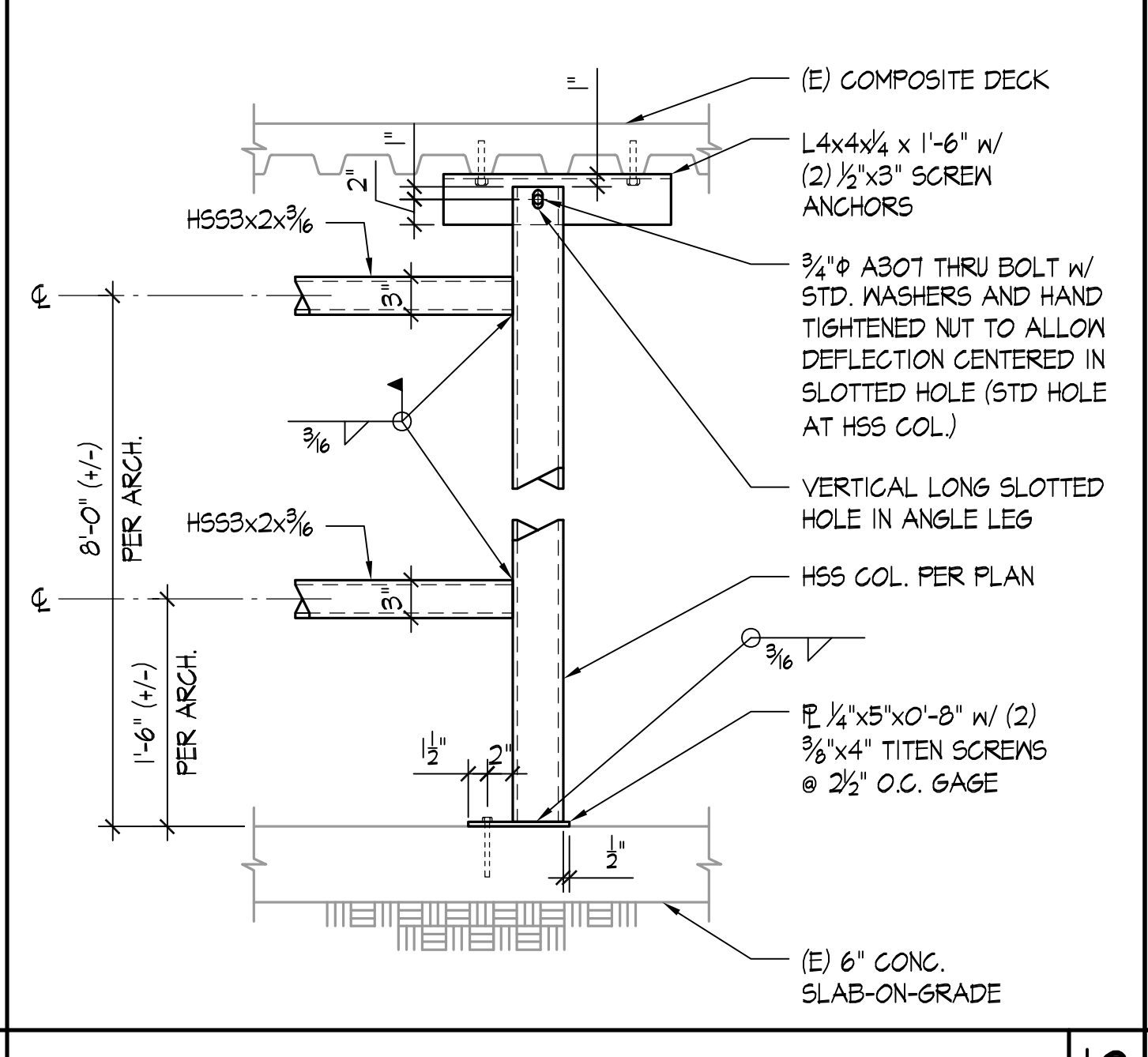
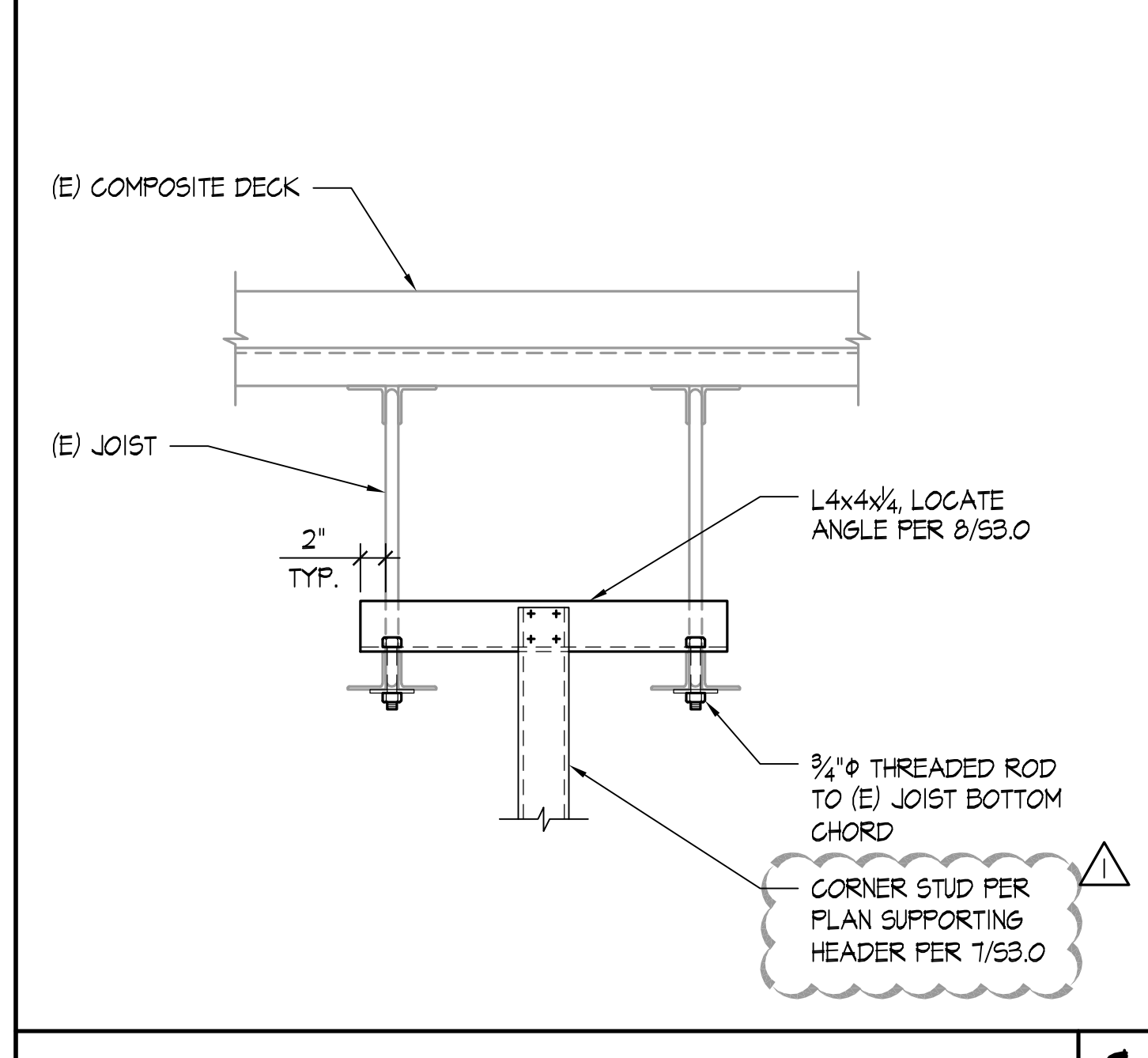
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DETAIL SCALE: NONE **6**



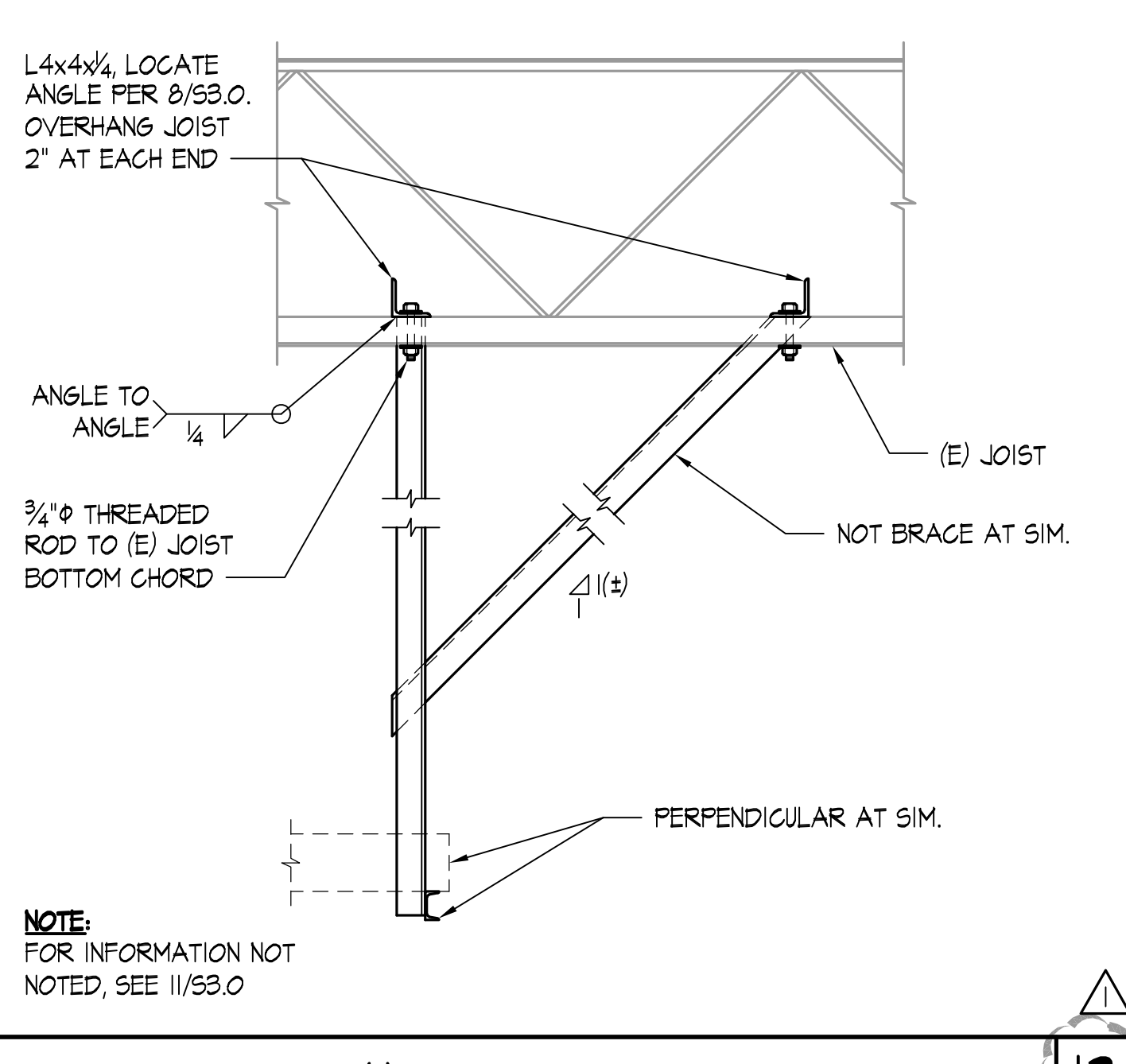
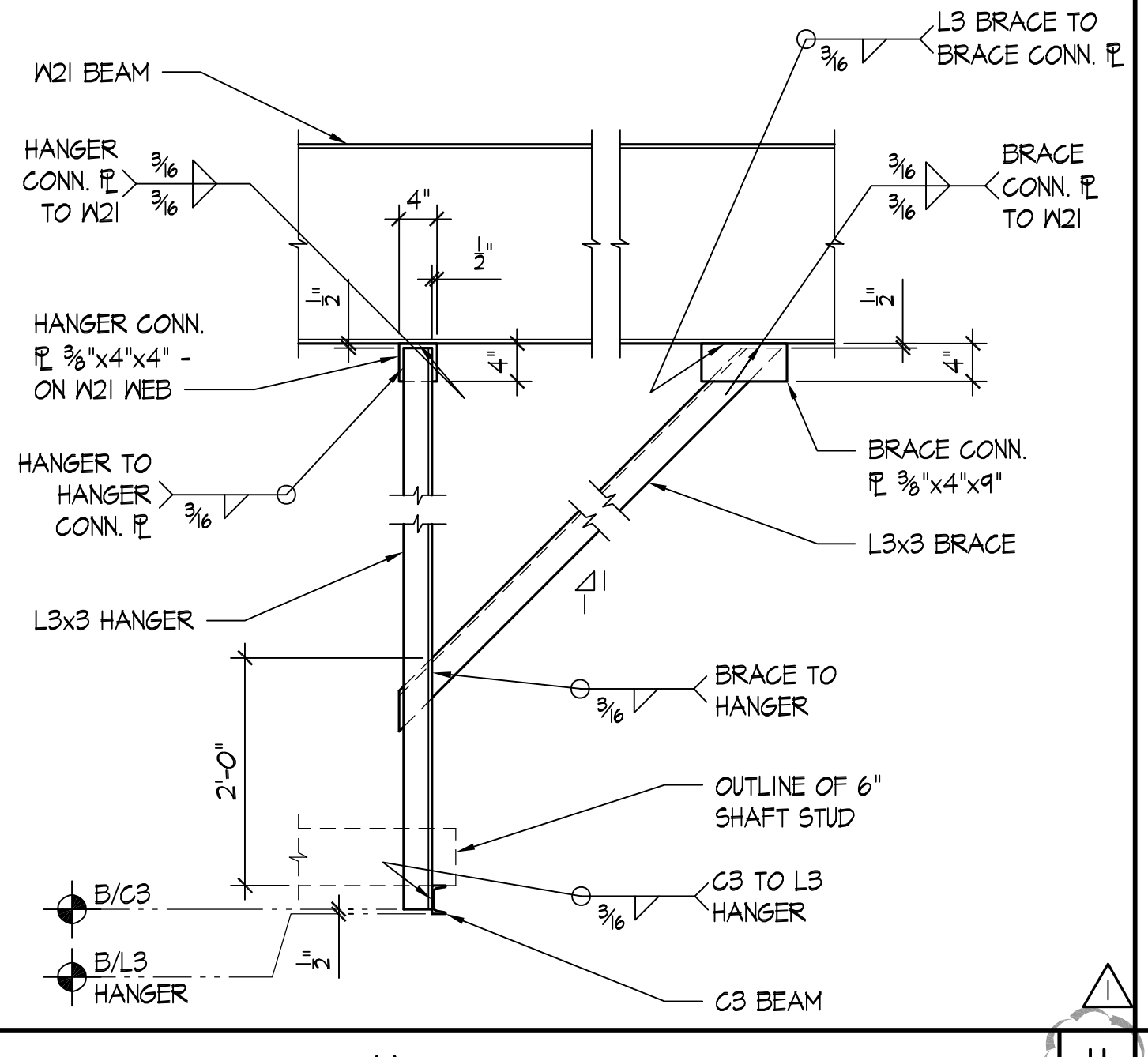
DETAIL SCALE: NONE **7**

DETAIL SCALE: NONE **8**



DETAIL SCALE: NONE **9**

DETAIL SCALE: NONE **10**



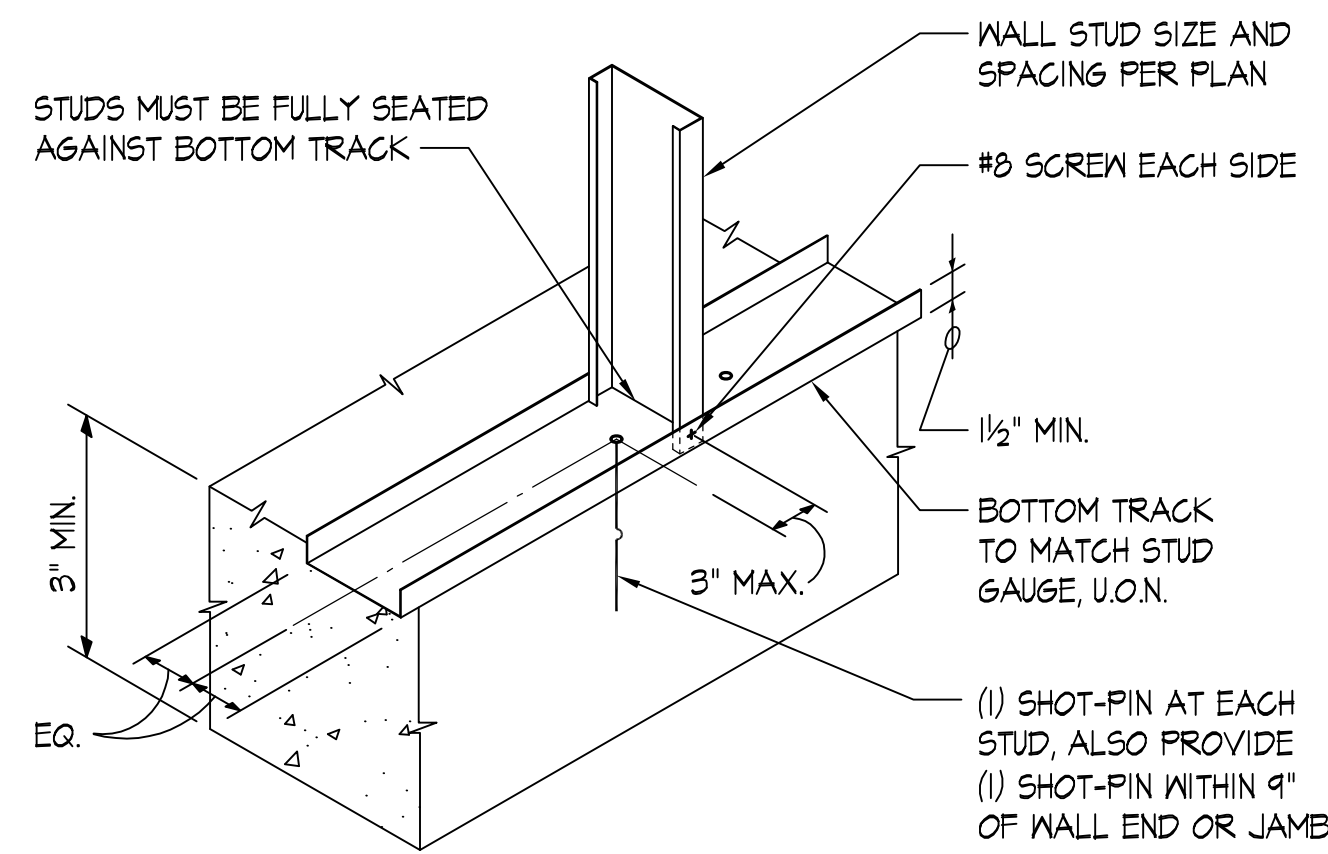
DETAIL SCALE: NONE **11**

DETAIL SCALE: NONE **12**

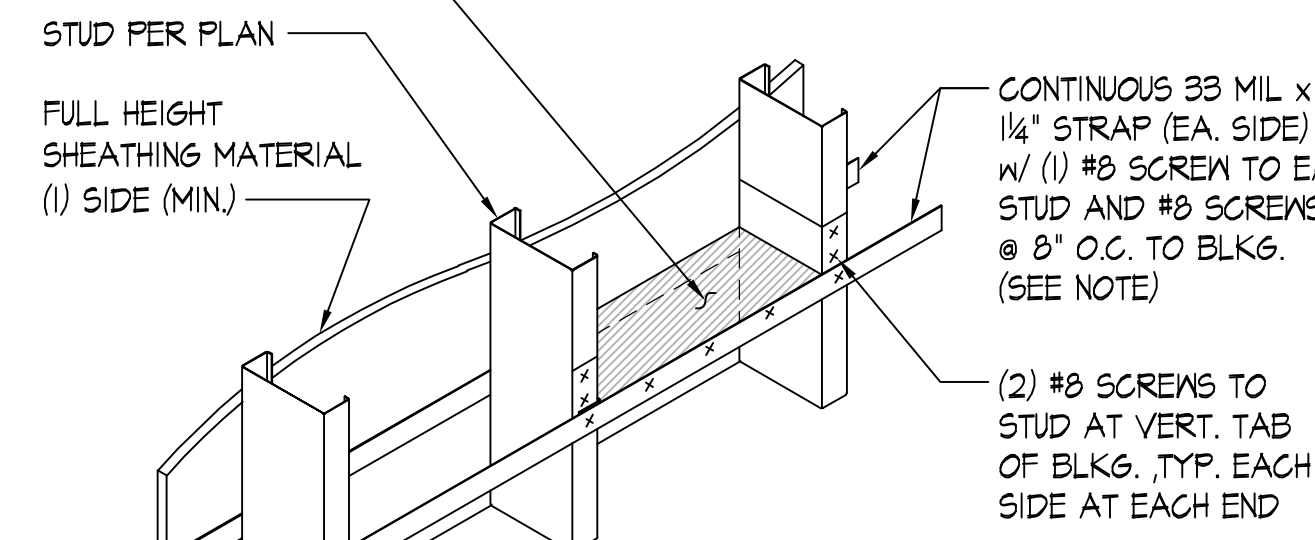
PRCTI20230098

CONVERSION CHART		
MIL.	GAUGE	NOTES
30	20	DRYWALL
33	20	STRUCTURAL
43	18	
54	16	
68	14	
97	12	

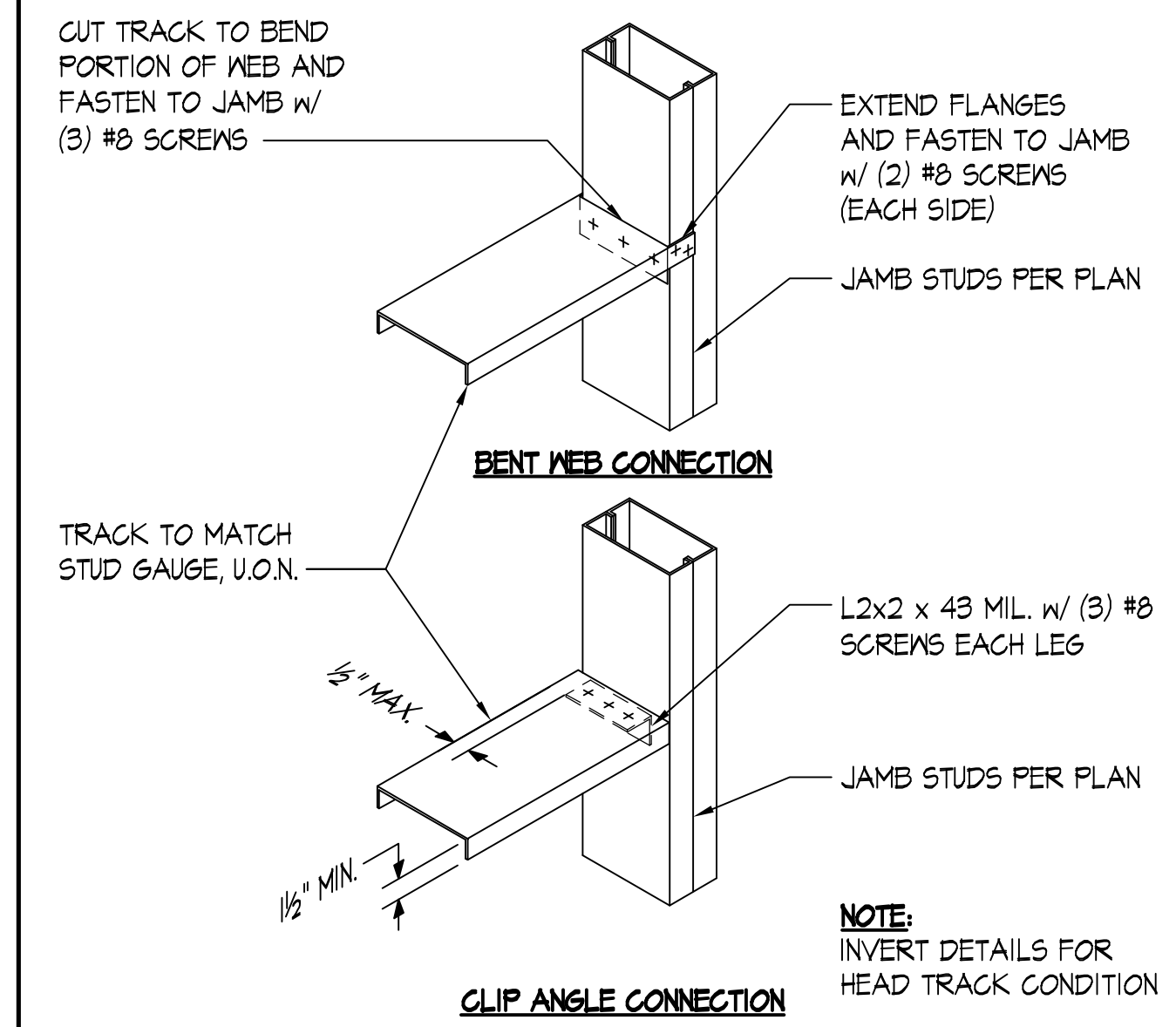
NOTE:
ALL "SHOT-PINS" SHALL BE POWDER
ACTUATED FASTENERS PER THE
STRUCTURAL GENERAL NOTES.



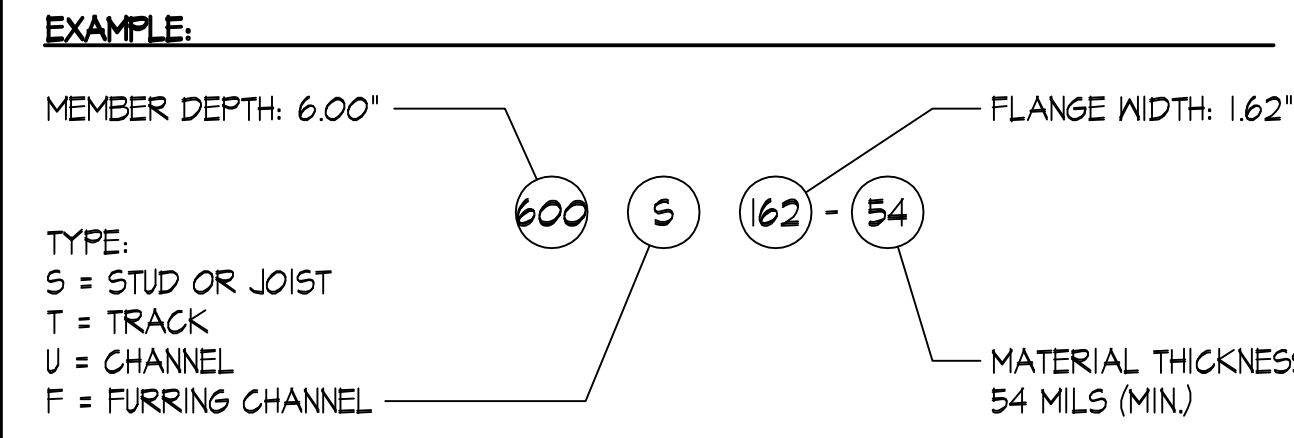
33 MIL. TRACK BLKG. @
48" O.C. HORIZONTALLY,
MAX. (SEE NOTE)



NOTE:
PROVIDE HORIZ.
STRAPPING/BKLG.
AT 3RD POINTS OF
STUD HEIGHT



NOTE:
INVERT DETAILS FOR
HEAD TRACK CONDITION

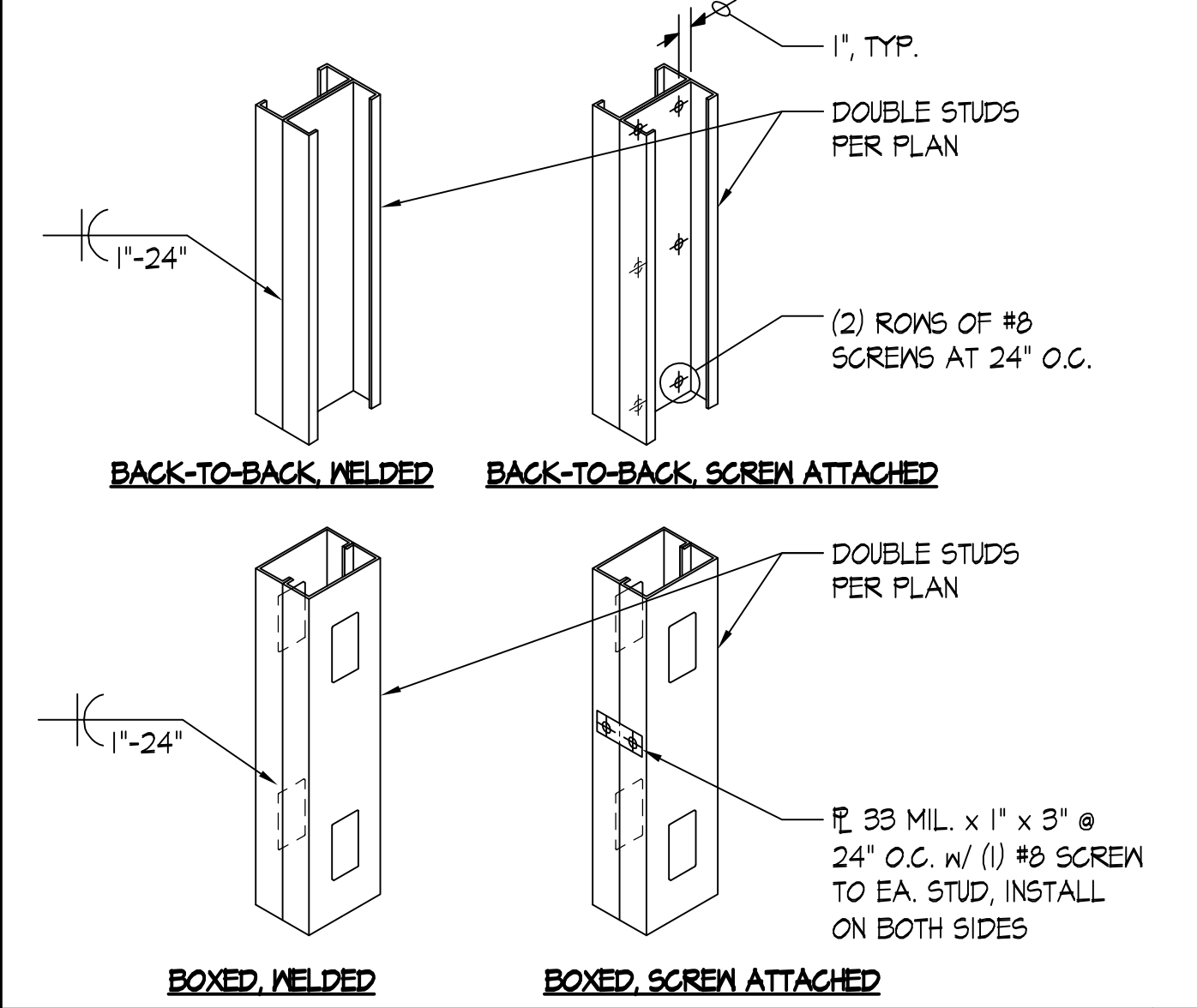


TYPICAL LIGHT GAUGE STEEL NOTATION (SSMA STANDARD) SCALE: NONE |

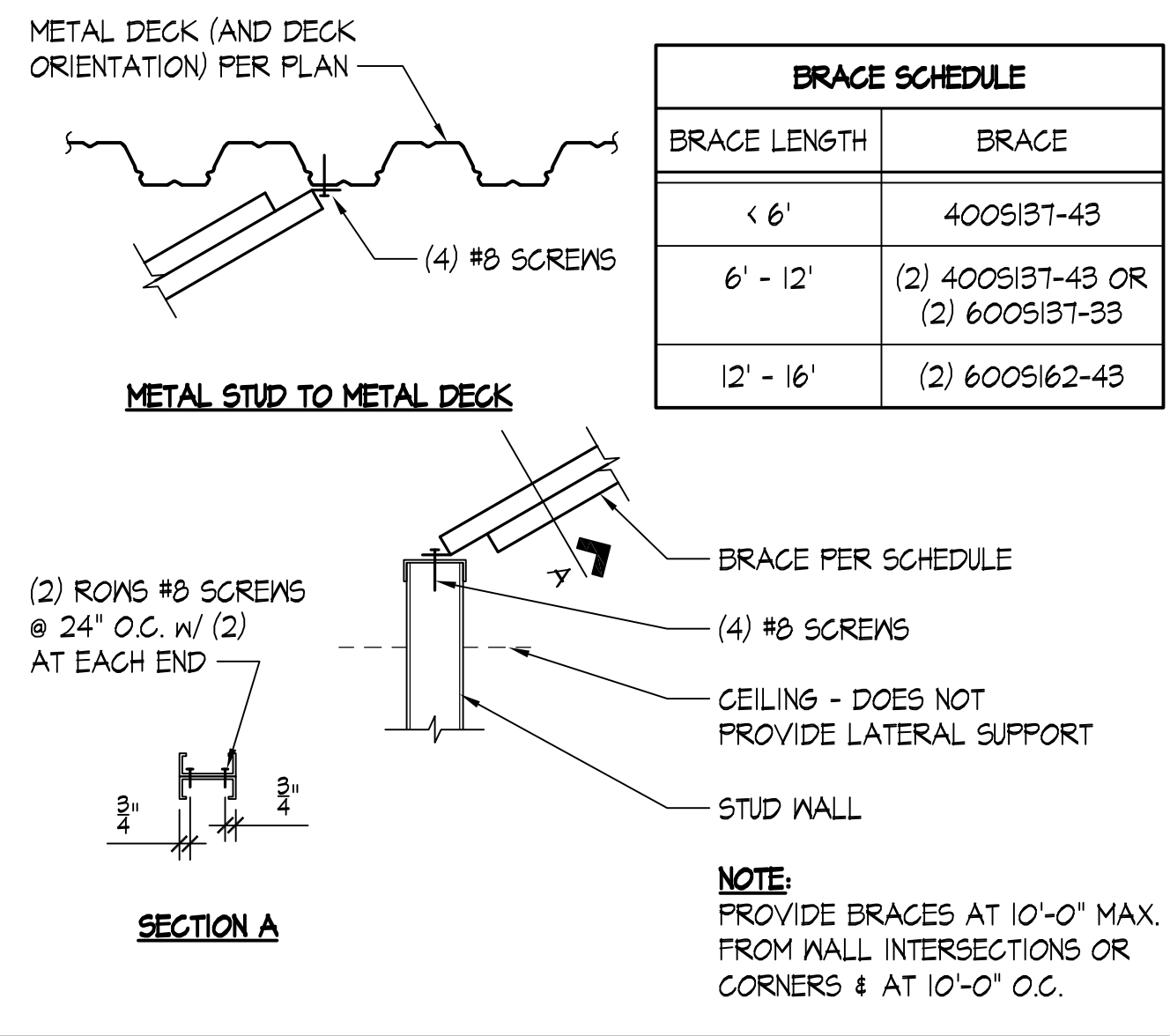
TYPICAL BOTTOM TRACK ATTACHMENT TO CONCRETE SCALE: NONE | 2

TYPICAL HORIZONTAL STRAPPING/BLOCKING SCALE: NONE | 3

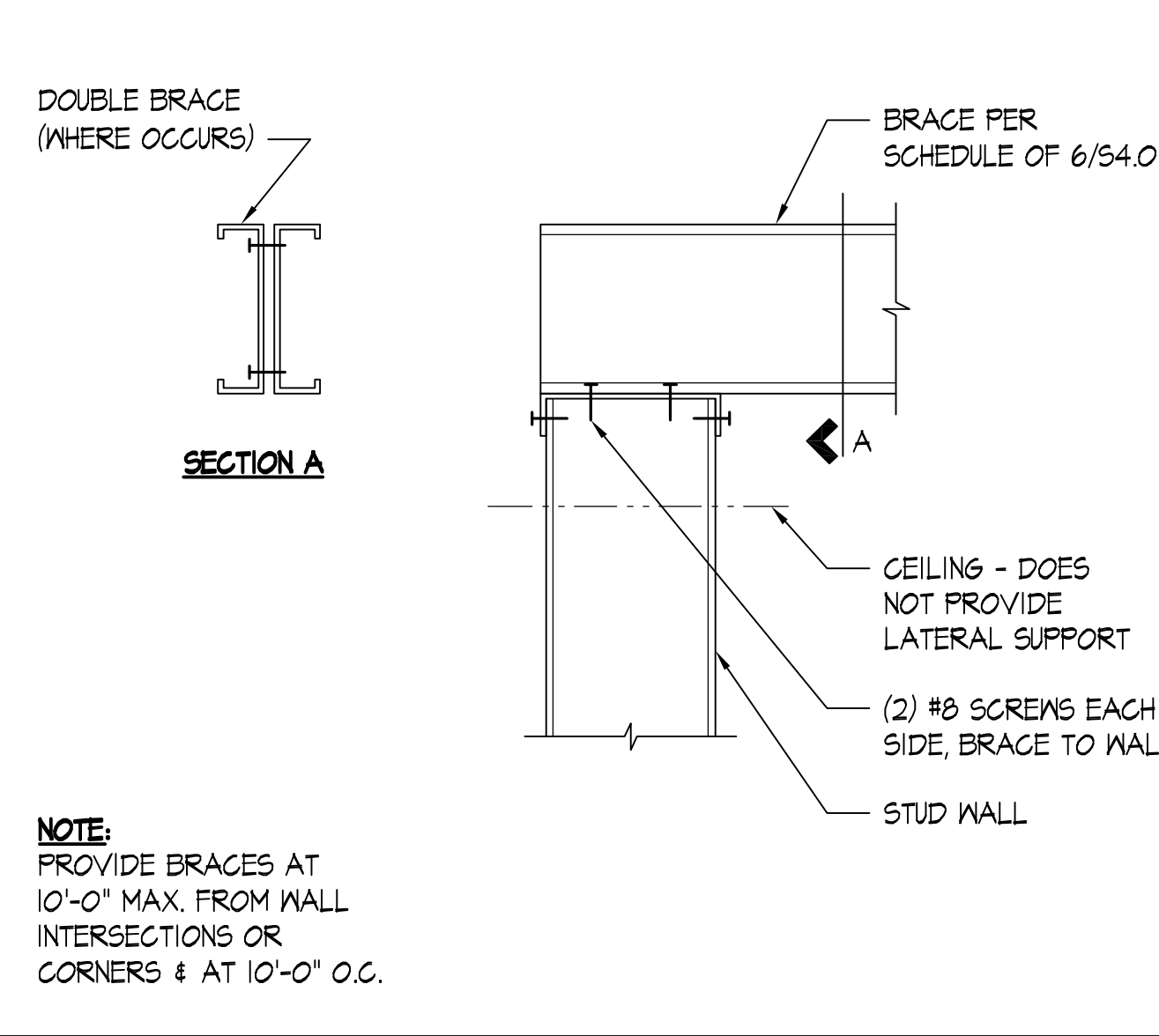
TYPICAL SILL AND HEAD TRACK CONNECTIONS SCALE: NONE | 4



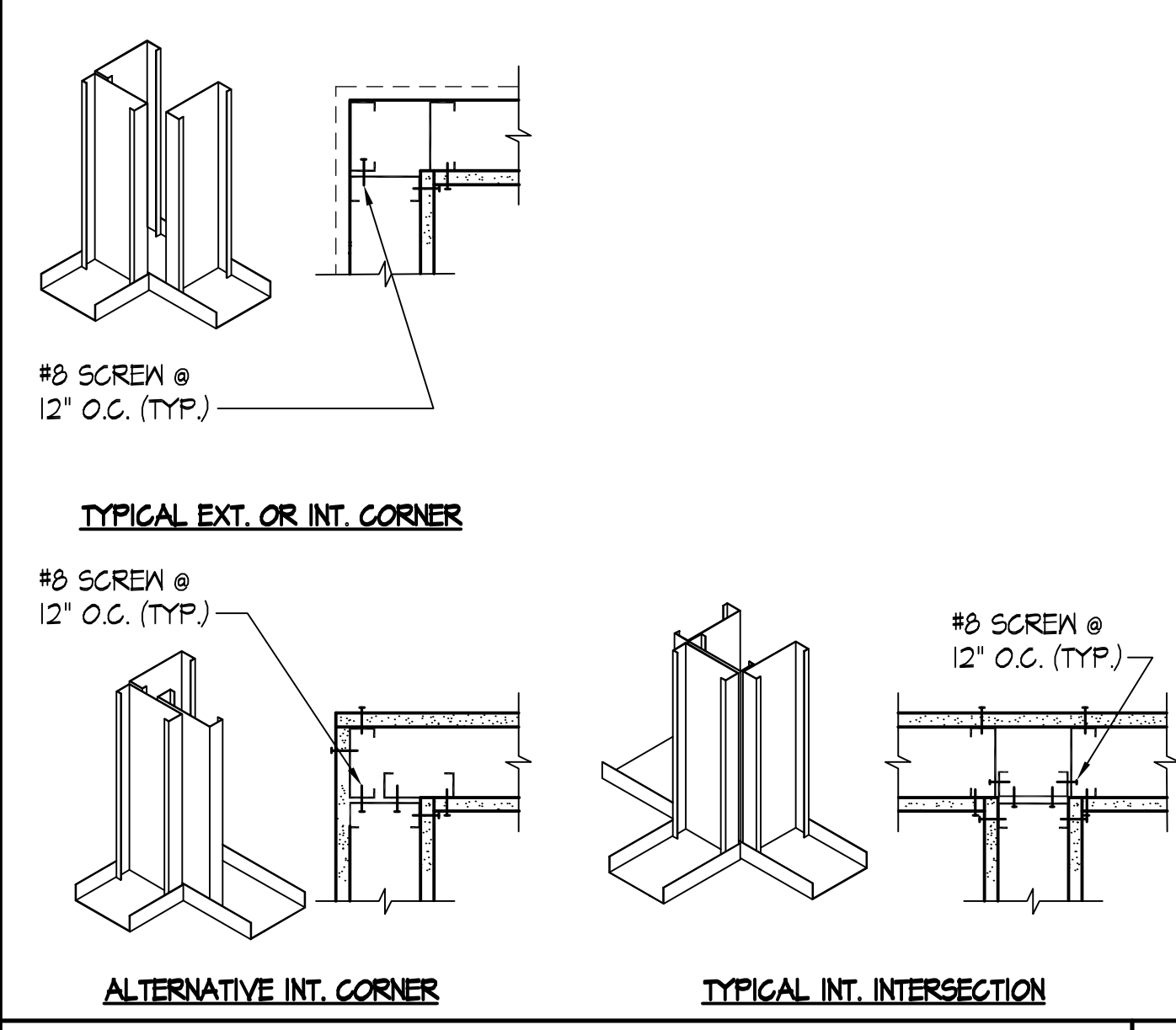
TYPICAL DOUBLE STUD SCALE: NONE | 5



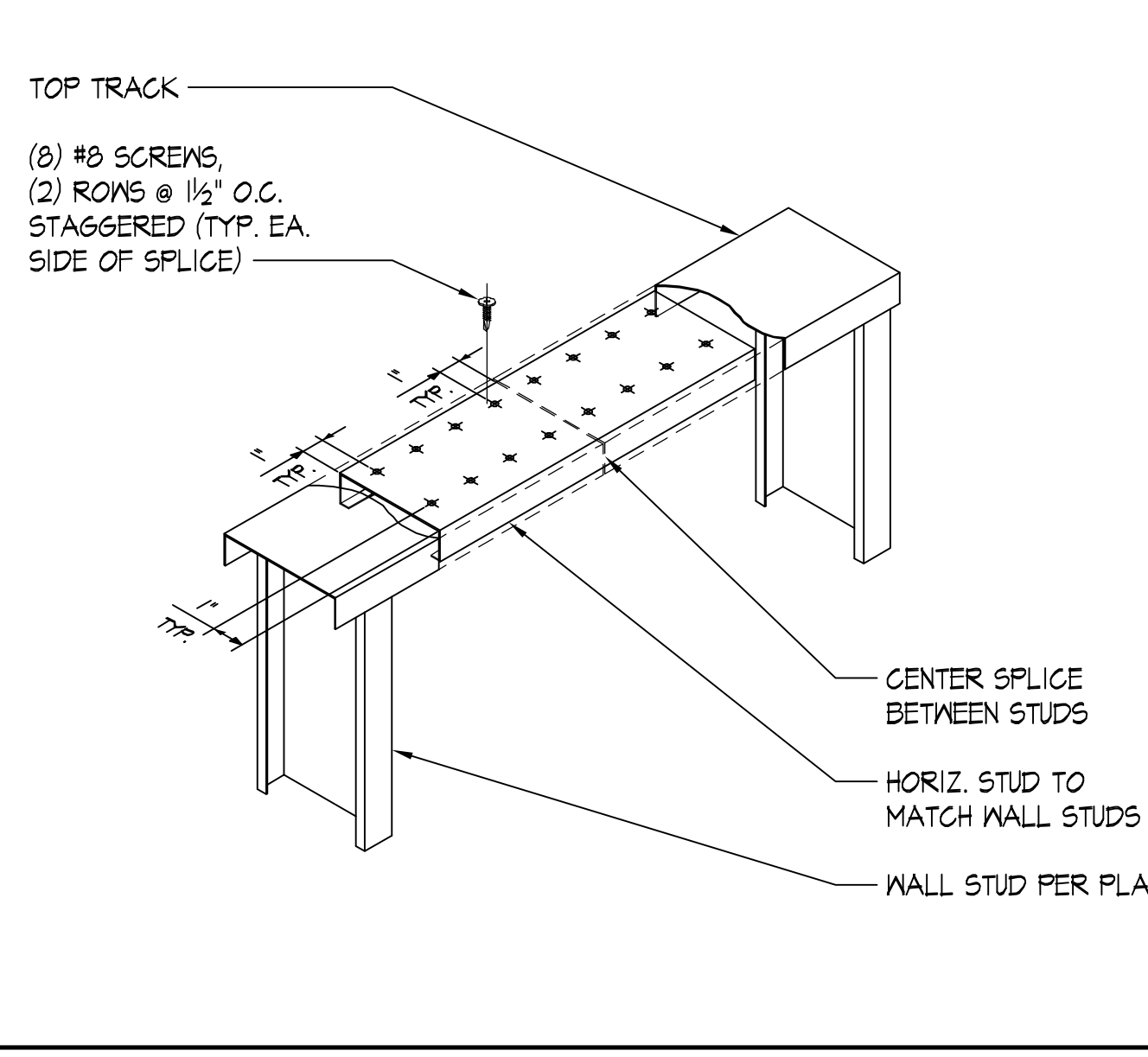
TYPICAL PARTIAL HEIGHT PARTITION WALL BRACING SCALE: NONE | 6



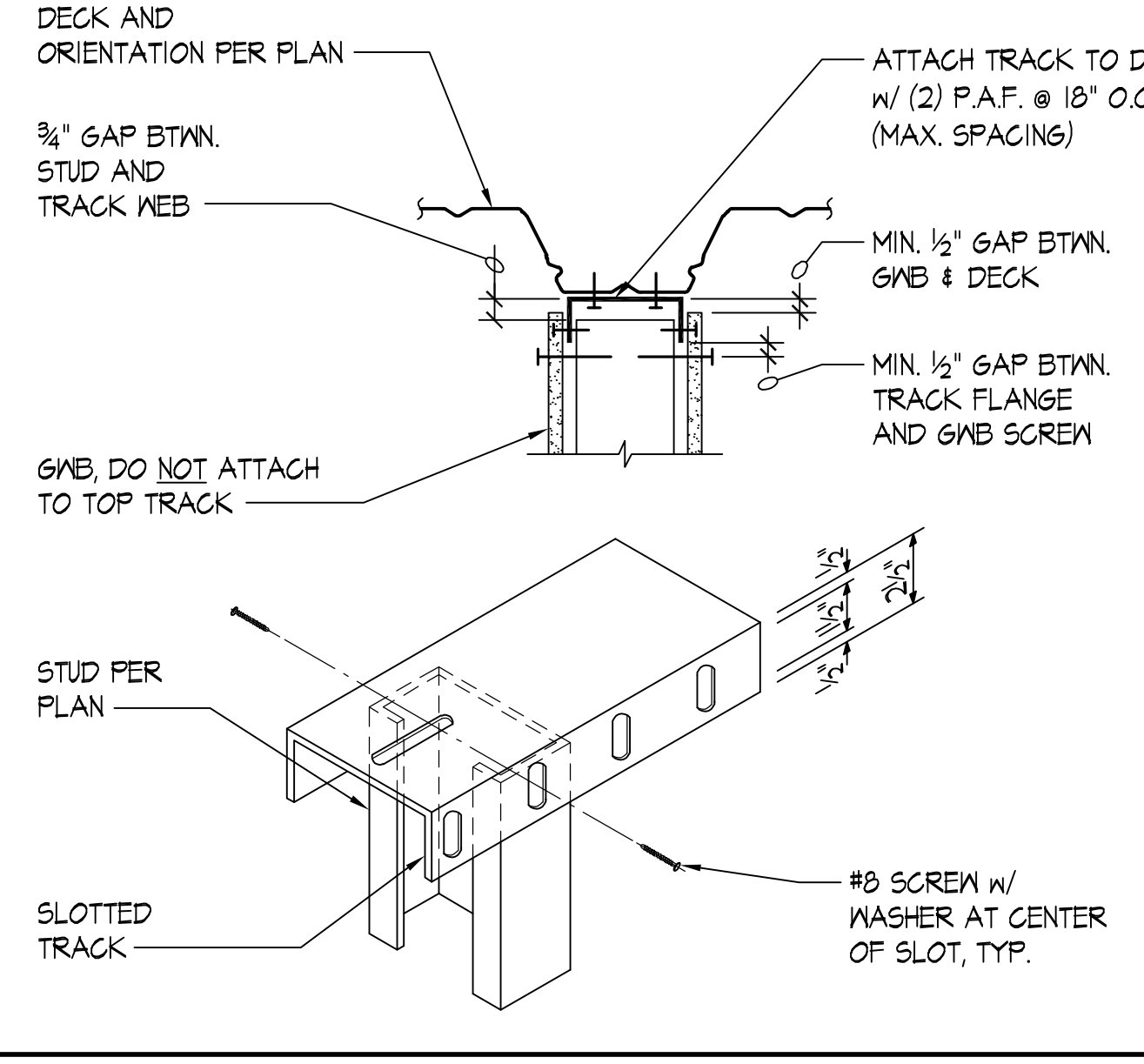
TYPICAL PARTITION WALL HORIZONTAL BRACE SCALE: NONE | 7



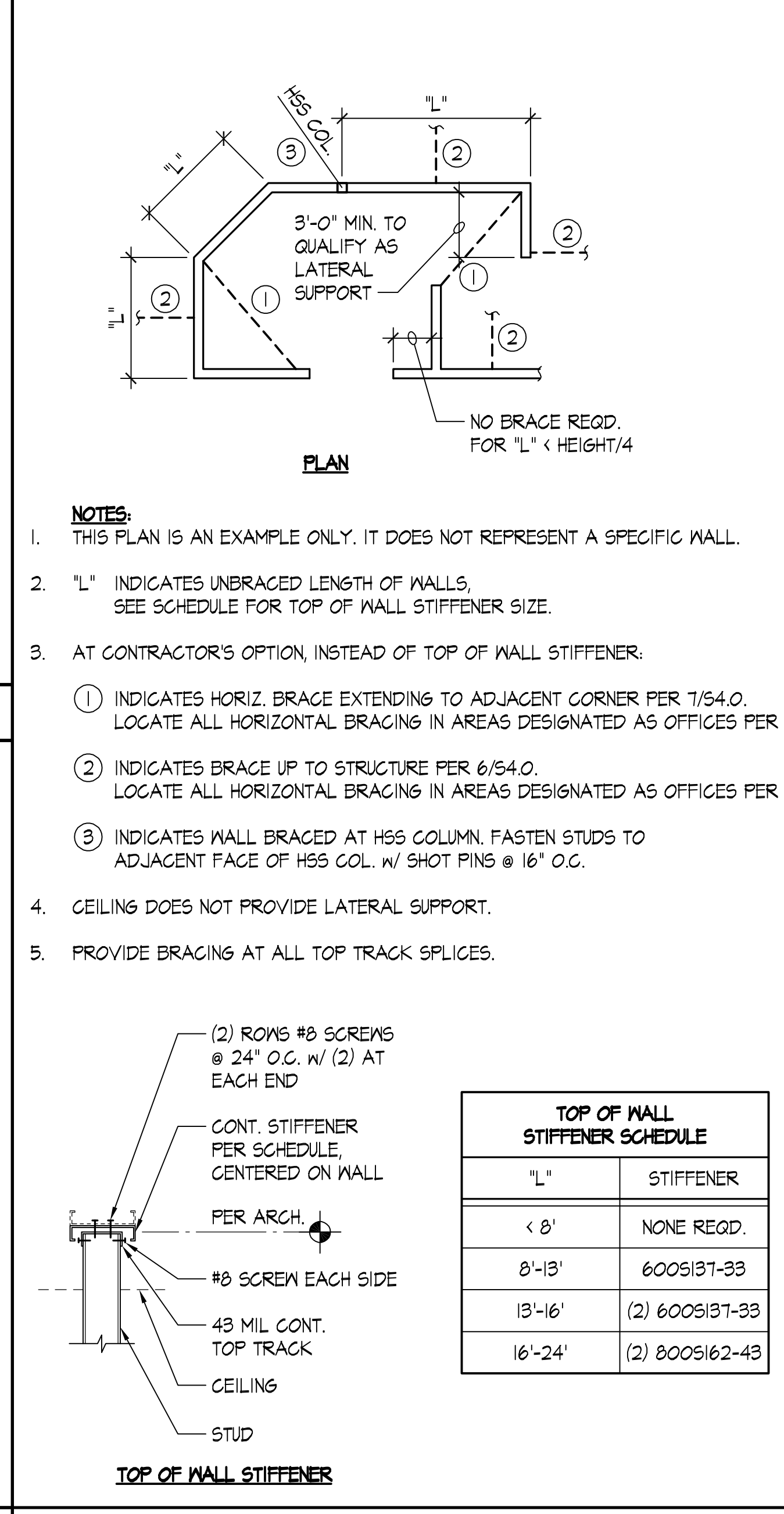
TYPICAL WALL INTERSECTION SCALE: NONE | 9



TYPICAL TOP TRACK SPLICE SCALE: NONE | 10



TYPICAL DEFLECTION TRACK SCALE: NONE | 11



TYPICAL PARTIAL HEIGHT PARTITION WALL LATERAL SUPPORT SCALE: NONE | 12

PROJECT NAME
CENTRAL PIERCE FIRE AND RESCUE T.I.

PROJECT ADDRESS
1015 - 39TH AVENUE SE
PUYALLUP, WA

CLIENT
BENAROYA

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building Planning
Engineering Public Works
Fire Traffic

2/24/2023 DELTA 1 REVISIONS
2/17/2023 CONSTRUCTION SET
1/27/2023 PERMIT SUBMITTAL

No.	Date	Revision Description
REVISIONS		
CONSULTANTS		
DESIGN ARCHITECT		
MARSHALL DESIGN + MANAGEMENT	T: 206-890-1570	
STRUCTURAL ENGINEER		
QUANTUM CONSULTING ENGINEERS	1511 THIRD AVE, SUITE 323 SEATTLE, WA 98101 T: 206-957-3900	
MECHANICAL/ELECTRICAL ENGINEER		
LIFE SAFETY CODE CONSULTANT		
INTERIOR DESIGN		
LANDSCAPE ARCHITECT		
DRAWING STATUS		
REVISIONS		
Discrepancies must be reported to the Architect before proceeding. Only figured dimensions are to be used. Contractor must check all dimensions on site. This drawing is protected by copyright.		
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.		
DRAWING TITLE		
TYPICAL LIGHT GAUGE DETAILS		
REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW		
DRAWN	SC	CHECKED
		MDW
SCALE		DATE
		2/23/2023
PROJECT NO.	19305.03	
DRAWING NO.	REVISION NO.	
S4.0		

PRCTI20230098

File: I:\40000\Drawings\19305 - South Hill South Building Study\03 Fire and Rescue\11079-4000.dwg Plotfile: Tue, 03/07/2023 3:26 pm By: scten

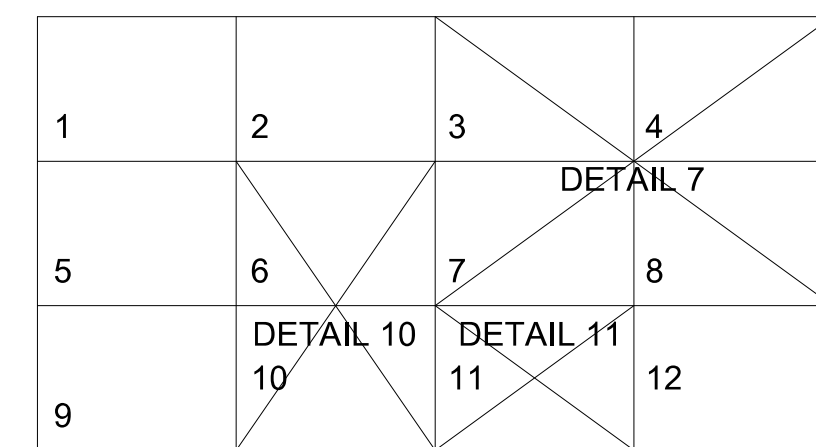
ABBREVIATIONS

A	ABBREVIATION	OFOI	OWNER FURNISHED OWNER INSTALLED
ABB	ABBREVIATION	OTS	OPEN TO STRUCTURE
ACT	ACOUSTICAL CEILING TILE	P	
AFF	ABOVE FINISHED FLOOR	PERP	PERPENDICULAR
AHU	AIR HANDLING UNIT	PLAM	PLASTIC LAMINATE
ALUM	ALUMINUM	PLYWD	PLYWOOD
ARCH	ARCHITECT (URAL)	PREFIN	PREFINISHED
B		PT	PAINT; PRESSURE TREATED
BD	BOARD	PTDWR	PAPER TOWEL DISPENSER/ WASTE RECEPTACLE
BLDG	BUILDING	PTL	PORCELAIN TILE
BO	BOTTOM OF	R	
C		RB	RUBBER BASE
CBB	CEMENTITIOUS BACKER BOARD	RCP	REFLECTED CEILING PLAN
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	REF	REFERENCE
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED	REQ'D	REQUIRED
CG	CORNER GUARD	REST	RESTROOM
CI	CONTINUOUS INSULATION	REV	REVISION
CJ	CONTROL JOINT	RO	ROUGH OPENING
CLG	CEILING	S	
CLR	CLEAR/ CLEARANCE	S	SOUTH
CMU	CONCRETE MASONRY UNIT	SCWD	SOLID CORE WOOD DOOR
COL	COLUMN	SD	SOAP DISPENSER
CPT	CARPET	SE	SOUTHEAST
CT	CERAMIC TILE	SF	SQUARE FOOT (FEET)
D		SIM	SIMILAR
DET	DETAIL	SND	SANITARY NAPKIN & TAMPON DISPOSAL RECEPTACLE
DF	DRINKING FOUNTAIN	SPEC	SPECIFICATION
DIA	DIAMETER	SS	SOLID SURFACE
E		SST	STAINLESS STEEL
E	EAST	STC	SOUND TRANSMISSION CLASS
EA	EACH	T	
ELEC	ELECTRIC(AL)	T & G	TONGUE AND GROOVE TO BE DETERMINED
EQ	EQUAL	TBD	TO BE DETERMINED
EQUIP	EQUIPMENT	TO	TOP OF
EXIST	EXISTING	TOS	TOP OF SLAB OR STEEL
EXT	EXTERIOR	TPD	TOILET PAPER DISPENSER
F		TS	TUBE STEEL
FA	FIRE ALARM	TSCD	TOILET SEAT COVER DISPENSER
FCO	FLOOR CLEANOUT	TV	TELEVISION
FD	FLOOR DRAIN	TYP	TYPICAL
FE	FIRE EXTINGUISHER	U	
FEB	FIRE EXTINGUISHER BRACKET	UNO	UNLESS NOTED OTHERWISE
FEC	FIRE EXTINGUISHER CABINET	V	
FF	FINISHED FLOOR	VERT	VERTICAL
FLR	FLOOR (ING)	W	
FP	FIRE PROTECTION	W	WEST
FT	FEET	W/	WITH
G		WD	WOOD
GA	GAUGE	WP	WALL PANEL
GALV	GALVANIZED	WRB	WEATHER RESISTIVE BARRIER
GL	GRID LINE	WT	WINDOW TREATMENT
GWB	GYPSUM WALL BOARD		
GYP	GYPSUM		
H			
HM	HOLLOW METAL		
HW	HARDWARE		
I			
INSUL	INSULATION		
INT	INTERIOR		
J			
JAN	JANITOR		
M			
MAT	MATERIAL		
MAX	MAXIMUM		
MECH	MECHANICAL		
MEP	MECHANICAL, ELECTRICAL, PLUMBING		
MFR	MANUFACTURER		
MIN	MINIMUM		
MTD	MOUNTED		
MTL	METAL		
N			
N	NORTH		
NE	NORTH EAST		
NIC	NOT IN CONTRACT		
NTS	NOT TO SCALE		
NW	NORTHWEST		
O			
OC	ON CENTER		
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED		

HATCH SYMBOLS

	EARTH (NATIVE GRADE OR COMPACTED FILL)		PLYWOOD
	GRAVEL		FINISH LUMBER
	PLASTER, GROUT, OR SAND		CONT. WOOD STUDS
	CONCRETE		BLOCKING
	METAL		BATT INSULATION
	EXISTING		ACOUSTICAL CEILING TILE
			RIGID INSULATION

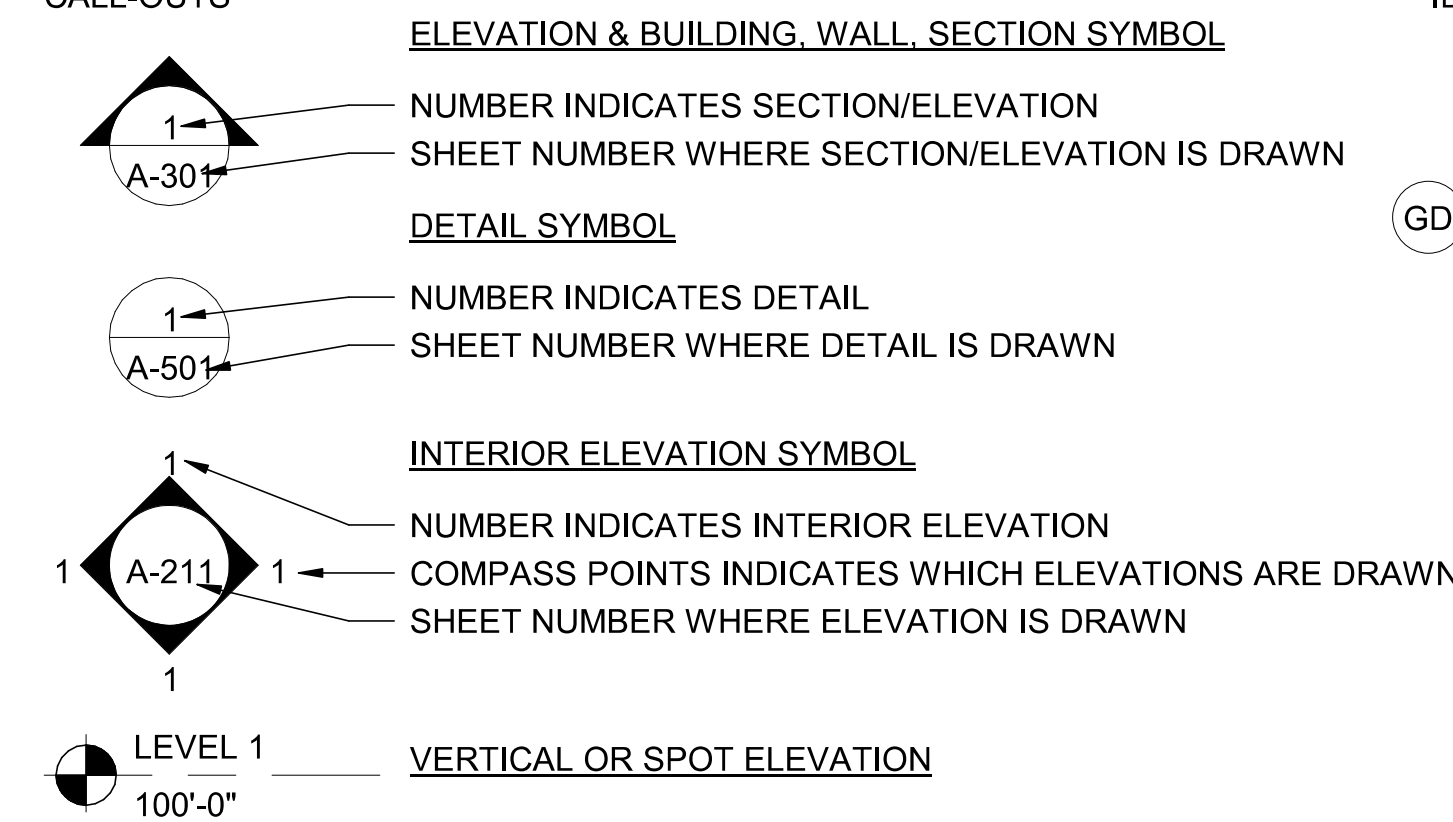
DETAIL IDENTIFICATION



1. DETAIL NUMBERS ARE BASED ON LOCATION OF THE DETAIL DRAWING ON THE DETAIL SHEET AND MAY NOT BE SEQUENTIAL.
2. DETAIL IDENTIFICATION NUMBER IS THE NUMBER OF THE LOWEST LEFT HAND MODULE OCCUPIED BY THE DETAIL.

SYMBOLS

CALL-OUTS

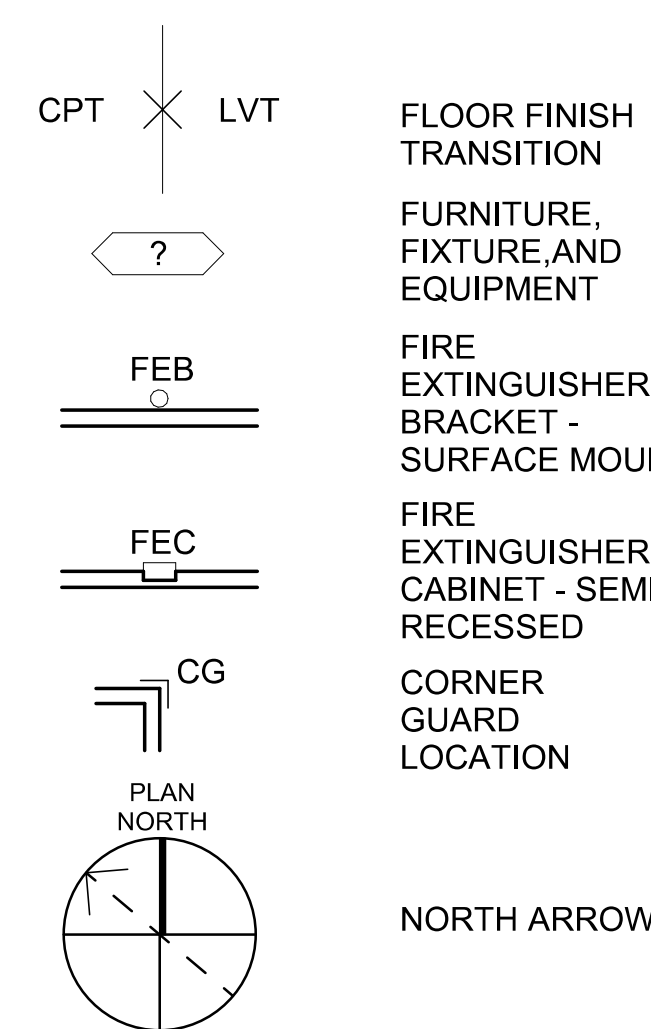


SYMBOLS

L &	ANGLE
@	AT
∅	DIAMETER
°	DEGREE
⊥	CENTER LINE

IDENTIFICATION

	ROOF, SOFFIT, FLOOR, AND CEILING TYPE
	CONSTRUCTION GRID LINE AND BUBBLE
	WALL TYPE
	KEYNOTE
	WINDOW, LOUVER
	GUARDRAIL
	REVISION
	DOOR
	ROOM NAME ROOM NUMBER (FOR CONSTRUCTION ONLY)



GENERAL NOTES

1. REPETITIVE FEATURES NOT NOTED ON THE DRAWINGS SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL.
2. DO NOT SCALE THE DRAWINGS
3. DIMENSIONS ON DRAWINGS ARE TAKEN TO/FROM THE LOCATIONS LISTED BELOW UNLESS OTHERWISE INDICATED:
GRID LINES
CENTER OF WALL UNLESS NOTED OTHERWISE
CENTERLINES OF DOORS IN METAL STUD WALLS
4. DIMENSIONS ON INTERIOR ELEVATIONS ARE TAKEN TO/FROM THE:
FINISHED GYPSUM WALLBOARD
CABINETRY
CENTERLINES OF FIXTURES
5. PLAN VIEWS ARE CUT AT 4'-0" AFF WITH CERTAIN PLAN REGIONS SHOWN BEING CUT HIGHER FOR COORDINATION PURPOSES.
6. GRID LINES INDICATE THE CENTERLINE OF PRIMARY COLUMNS. COLUMNS ARE EXISTING.
7. MECHANICAL AND ELECTRICAL INFORMATION SHOWN ON THE ARCHITECTURAL DRAWINGS ARE PROVIDED FOR CLARITY AND/OR LOCATION PURPOSES ONLY. SEE MECHANICAL AND ELECTRICAL DRAWINGS.
8. BUILDING HEIGHTS AND ELEVATIONS ARE BASED UPON PROJECT FINISH ELEVATION OF 100'-0" AT THE FIRST FLOOR.
9. ALL WORK SHALL COMPLY WITH 2018 INTERNATIONAL BUILDING CODE (IBC) AND INTERNATIONAL FIRE CODE (IFC) 2018.
10. ALL DOORS IN STUD WALLS NOT LOCATED BY DIMENSION ON PLANS OR DETAILS SHALL BE 4" FROM FACE OF ADJACENT PERPENDICULAR WALL TO EDGE OF DOOR OPENING.
11. ROOM AND DOOR NUMBERS SHOWN ON DRAWINGS ARE FOR CONSTRUCTION PURPOSES ONLY.
12. VERIFY FIELD DIMENSIONS PRIOR TO COMMENCEMENT OF WORK.
13. BUILDING STANDARD TENANT IMPROVEMENT SYSTEMS, MATERIALS, AND FINISHES ARE TO BE PROVIDED UNLESS REQUIRED BY TENANT STANDARDS OUTLINE IN THE LEASE.
14. THE CONTRACTOR IS REQUIRED TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.

DESIGNER



MARSHALL DESIGN + MANAGEMENT
12400 SE 38TH #50766
BELLEVUE, WA 98174

CLIENT AND PROJECT LOCATION



BENAROYA
SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
1015 39TH AVE SE
PUYALLUP, WA 98374

PROJECT



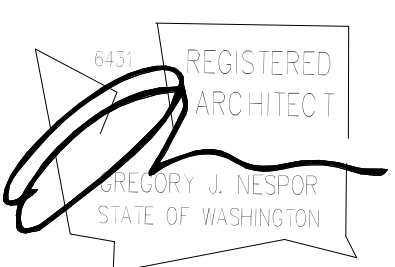
CENTRAL PIERCE FIRE AND RESCUE
1015 39TH AVE SE, SUITE 120
PUYALLUP, WA 98374

ARCHITECT



WJA DESIGN-COLLABORATIVE
617 WESTERN AVE
SEATTLE, WA 98104

STAMP



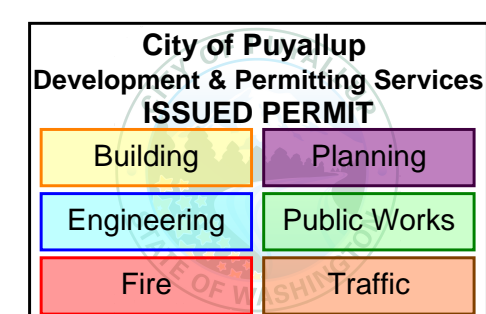
ISSUANCE

ISSUE DATE	02/17/2023
DRAWN BY:	WJA
CHECKED BY:	WJA

REVISION LIST

NO.	DATE	DESCRIPTION	BY
1	01/30/23	PERMIT SET	
1	02/17/23	100% CONSTRUCTION DOCS	

KEY PLAN



SHEET TITLE

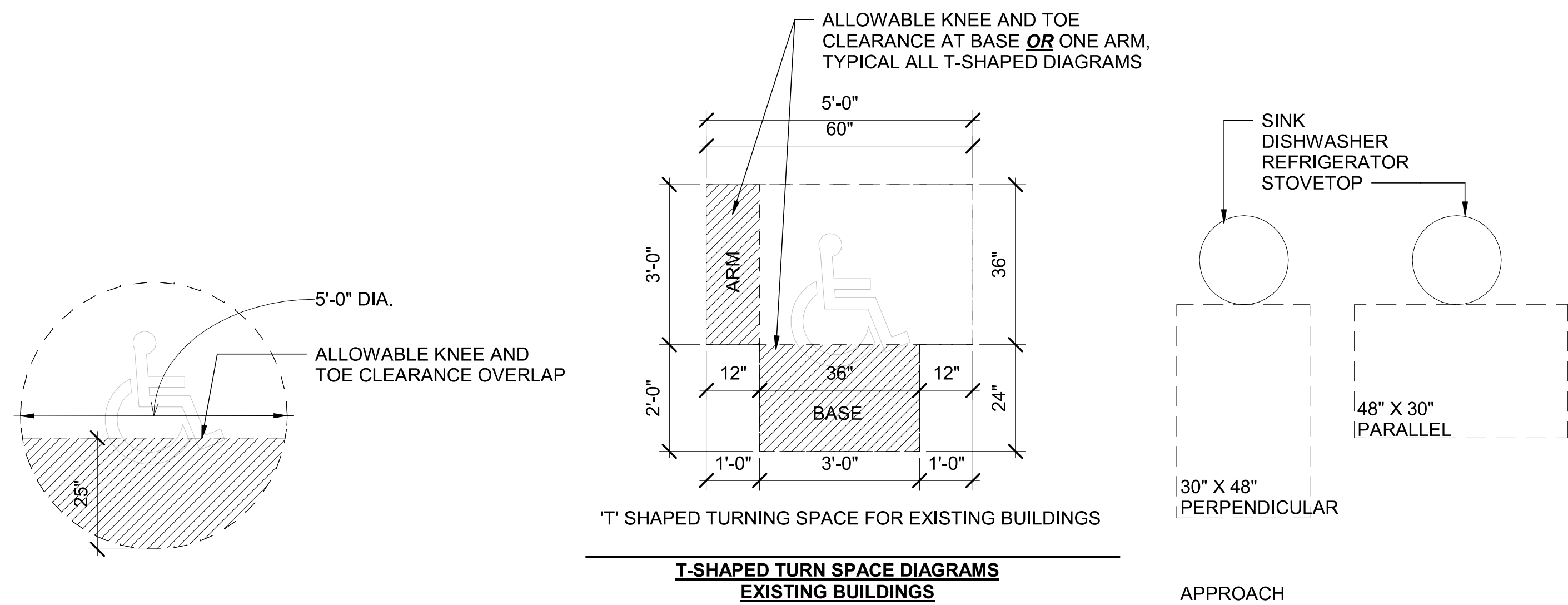
ARCHITECTURAL GENERAL NOTES & LEGENDS

SHEET NUMBER

A-001

PRCT120230098

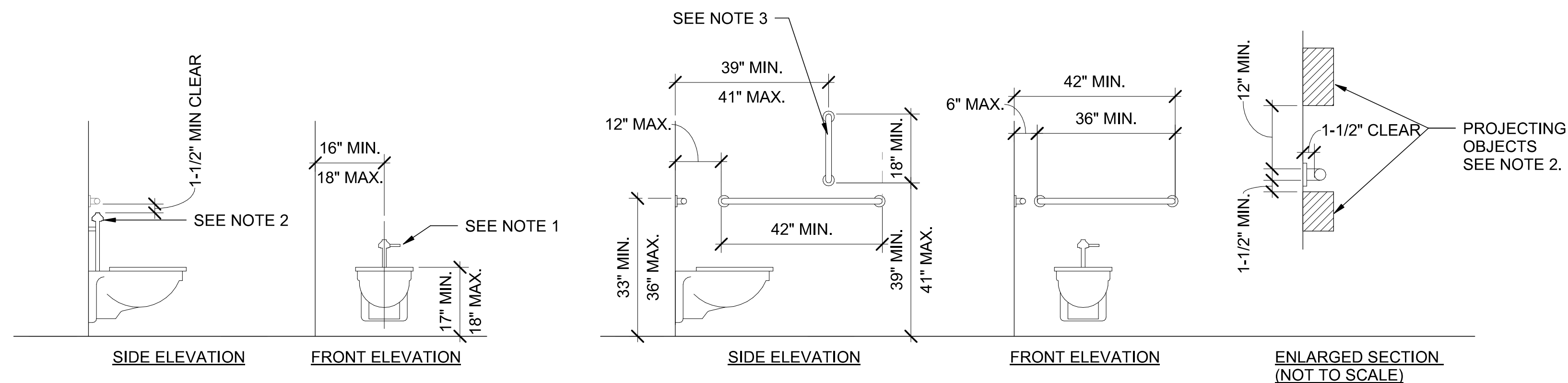
REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW



T-SHAPED TURN SPACE DIAGRAMS
EXISTING BUILDINGS

ACCESSIBLE MANEUVERING CLEARANCE AND APPROACH (PLAN VIEW)

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

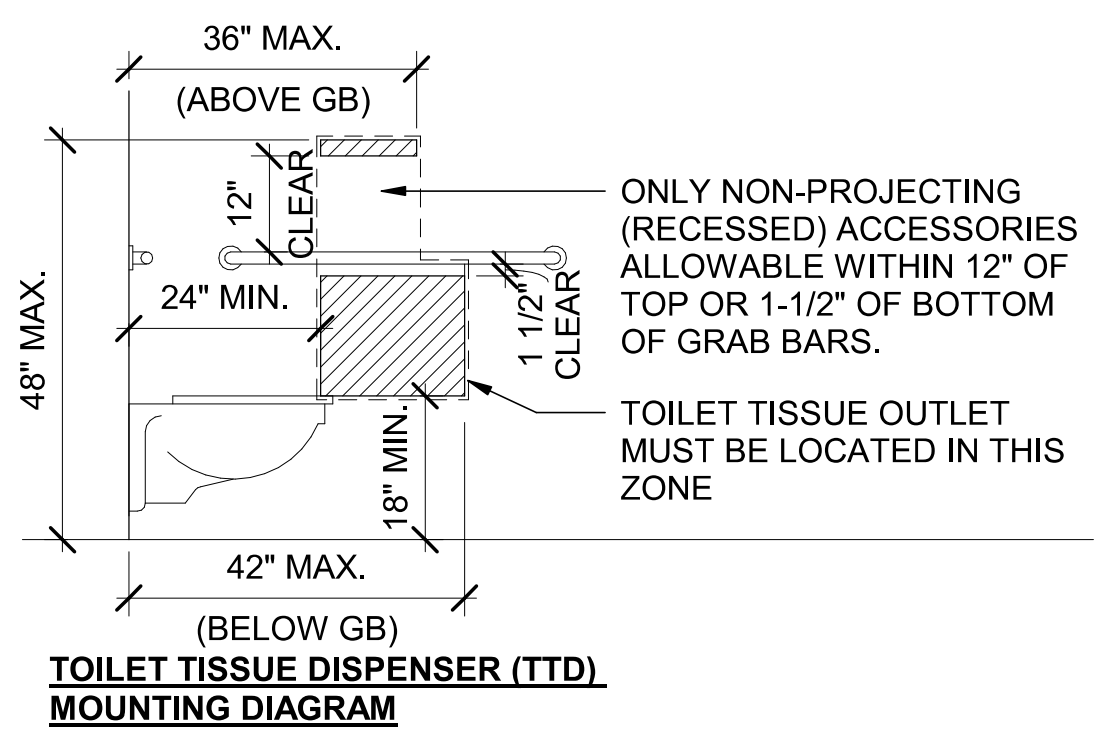


GRAB BAR (GB) MOUNTING DIAGRAMS FOR ACCESSIBLE WATER CLOSETS

- CONTRACTOR IS RESPONSIBLE FOR FIELD COORDINATION OF APPLICABLE CLEARANCES WITH PLUMBING FIXTURES AND TOILET ACCESSORIES.
- GRAB BARS WITH A ROUND CROSS-SECTION SHALL HAVE A MINIMUM DIAMETER OF 1-1/4" AND MAXIMUM OF 2".
- PROJECTING OBJECTS OTHER THAN ADJACENT GRAB BARS SHALL BE A MINIMUM OF 1-1/2" CLEAR OF THE BOTTOM AND 12" CLEAR OF THE TOP OF HORIZONTAL GRAB BARS.
- PROVIDE VERTICAL GRAB BAR WHERE REQUIRED BY AHJ.
- MOUNT ALL ADJACENT HORIZONTAL GRAB BARS AT THE SAME ELEVATION.
- IT IS RECOMMENDED TO PROVIDE BLOCKING IN WALL ACCOMMODATING ALL RANGES OF SHOWN FOR THE GREATEST FLEXIBILITY FOR FIELD COORDINATION.

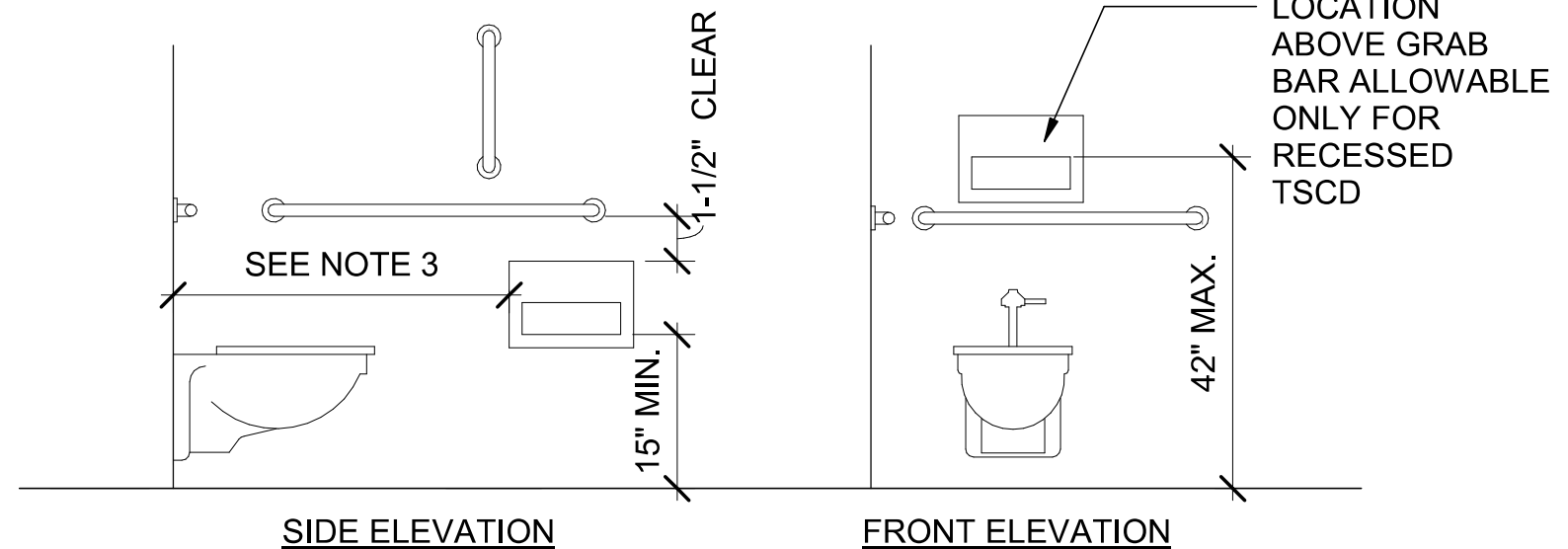
ACCESSIBLE WATER CLOSETS MOUNTING HEIGHTS AND CLEARANCES

- LOCATE MANUAL FLUSH CONTROLS ON OPEN SIDE (NON-WALL SIDE) OF THE WATER CLOSET.
- MAINTAIN A MINIMUM OF 1-1/2" CLEAR BETWEEN FLUSH VALVE AND GRAB BARS.



TOILET TISSUE DISPENSER (TTD) ALTERNATE MOUNTING DIAGRAM

- TTD SPECIFICATION MUST MEET THE REQUIREMENTS OF ICC A117.1 SECTION 607.1 - EXCEPTION 1. THE TOILET TISSUE DISPENSER MAY ACCOMMODATE A MAXIMUM OF 2 TOILET PAPER ROLLS NOT MORE THAN 5" IN DIAMETER EACH..



TOILET SEAT COVER DISPENSERS (TSCD) AT ACCESSIBLE WATER CLOSETS

- MINIMUM AND MAXIMUM DIMENSIONS ARE FOR THE TOILET SEAT COVER OUTLET.
- PROJECTING/SURFACE-MOUNTED ACCESSORIES MUST MAINTAIN MINIMUM CLEARANCES FROM ABOVE AND BELOW GRAB BARS.
- COORDINATE LOCATION FROM BACK WALL WITH LOCATION OF TOILET TISSUE DISPENSERS AND SANITARY NAPKIN DISPOSAL WHERE APPLICABLE.

ACCESSIBLE WATER CLOSET MOUNTING DIAGRAMS

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

ACCESSIBILITY REFERENCES

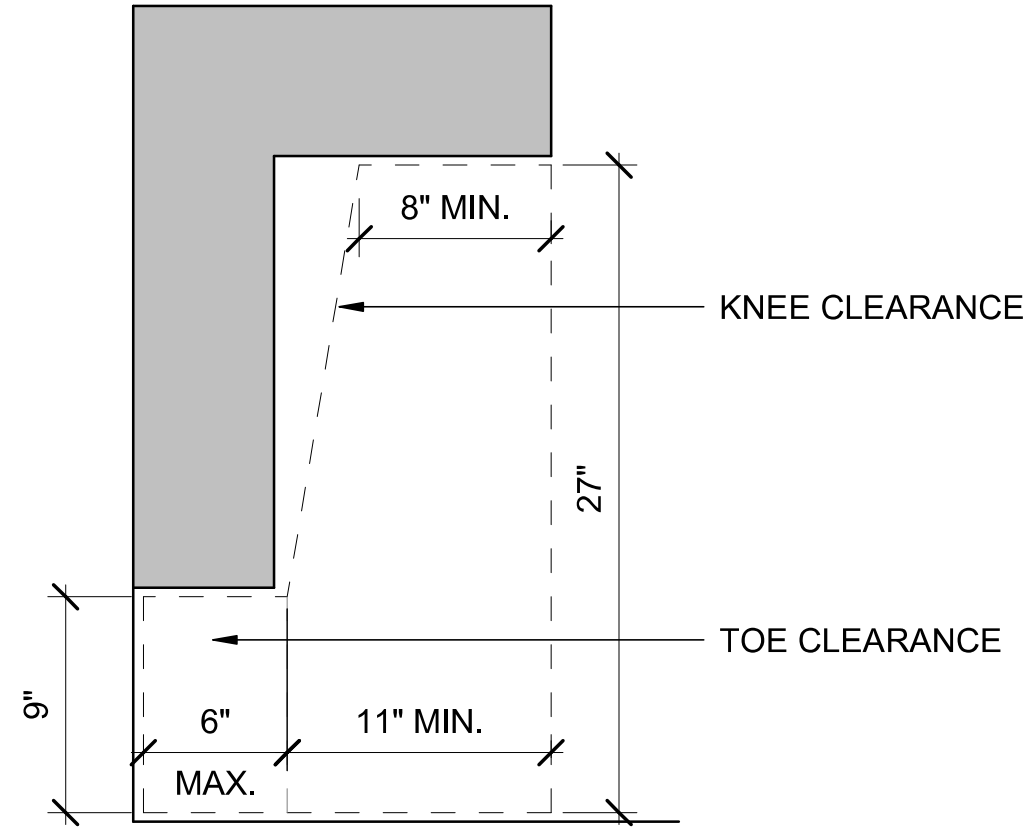
PER ICC A117.1 2017 LAWS:

- 404.2.4 THRESHOLDS
IF PROVIDED, THRESHOLDS AT DOORWAYS SHALL BE 1/2" MAXIMUM IN HEIGHT. RAISED THRESHOLDS AND CHANGES IN LEVEL DOORWAYS SHALL COPY WITH SECTIONS 302 AND 303.
- 404.2.9 DOOR AND GATE SURFACES
FIRE DOORS AND GATES REQUIRED TO BE EQUIPPED WITH PANIC HARDWARE, BREAK AWAY FEATURES OR OTHER FACTORS REQUIRING HIGHER OPENING FORCE FOR SAFETY REASONS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE IN SCOPING PROVISIONS ADOPTED BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. FOR OTHER DOORS AND GATES, THE FORCE FOR PUSHING OR PULLING OPEN DOORS OR GATES SHALL BE AS FOLLOWS:
1. INTERIOR HINGED DOOR: 5.0 POUNDS MAXIMUM
2. SLIDING OR FOLDING DOOR: 5.0 POUNDS MAXIMUM

- 606.6 EXPOSED PIPES AND SURFACES
WATER SUPPLY AND DRAINPIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES OR SINKS.
- 703.6.2 FINISH AND CONTRAST
SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUNDS SHALL HAVE A NONGLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUNDS, WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND.
- 703.6.3 INTERNATIONAL SYMBOL OF ACCESSIBILITY
THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL COMPLY WITH FIGURE 703.6.3.1.

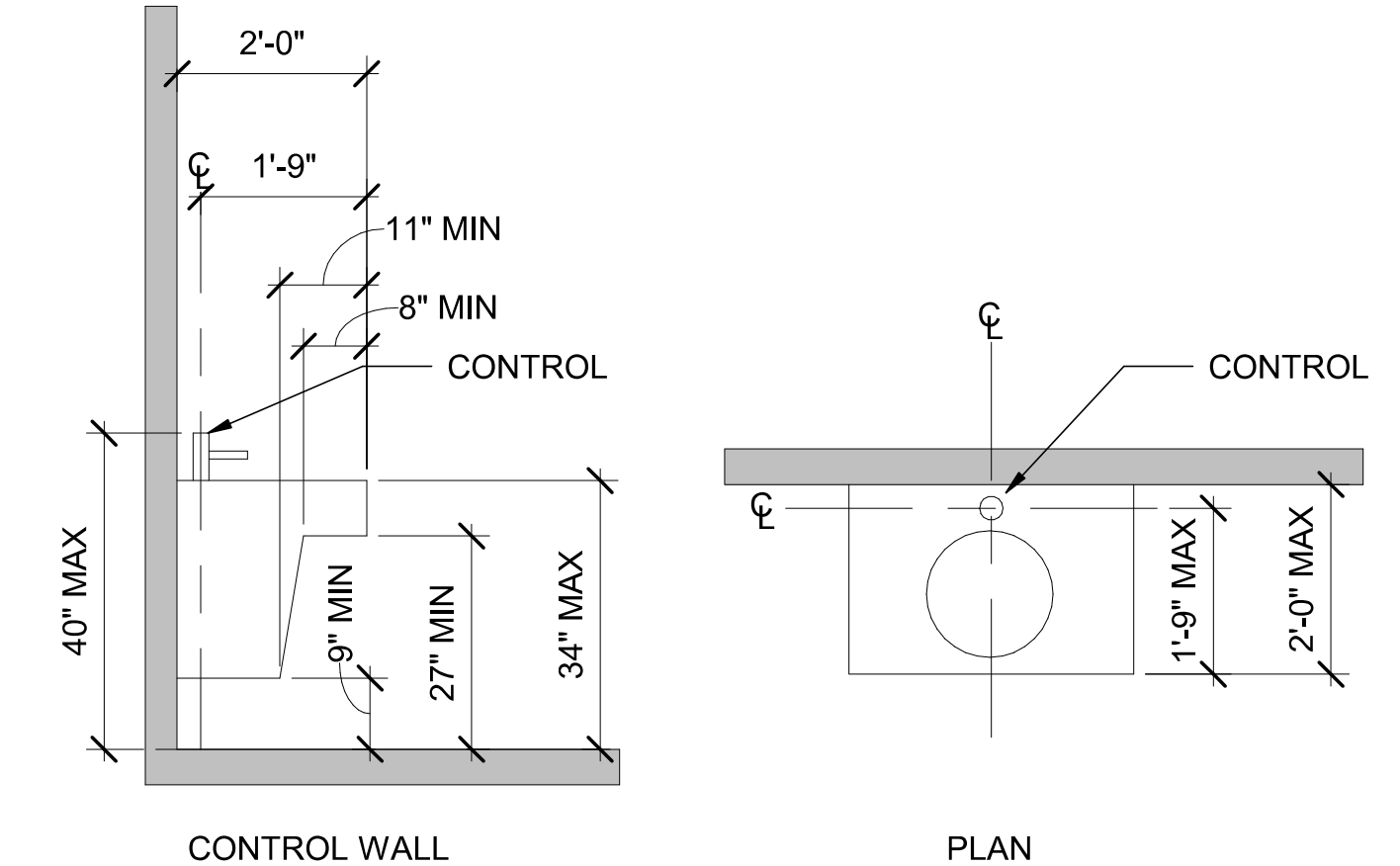
ACCESSIBILITY GENERAL NOTES

- ALL LISTED ACCESSIBILITY STANDARD ARE REQUIRED.
- NO EXCEPTIONS FOR ACCESSIBILITY REQUIREMENTS PROVIDED. ALL ELEMENTS OF THE PROJECT MUST CONFORM TO 2010 ADA AND ICC A117.1 2017 LAWS. IF ACCESSIBILITY STANDARDS ARE IN CONFLICT THE PROJECT MUST COMPLY WITH THE MORE RESTRICTIVE STANDARD.
- DIAGRAMS ON SHEETS A-002 AND A-003 ARE FROM ICC/ANSI A117.1



ACCESSIBLE KNEE AND TOE CLEARANCE

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



ACCESSIBLE SINK

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

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW

DESIGNER



MARSHALL DESIGN + MANAGEMENT
12400 SE 38TH #50766
BELLEVUE, WA 98105

CLIENT AND PROJECT LOCATION



BENAROYA
SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
1015 39TH AVE SE
PUYALLUP, WA 98374

PROJECT



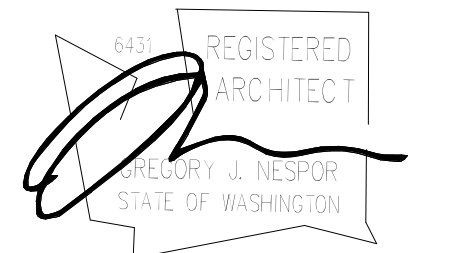
CENTRAL PIERCE FIRE AND RESCUE
1015 39TH AVE SE, SUITE 120
PUYALLUP, WA 98374

ARCHITECT



WJA DESIGN-COLLABORATIVE
617 WESTERN AVE
SEATTLE, WA 98104

STAMP



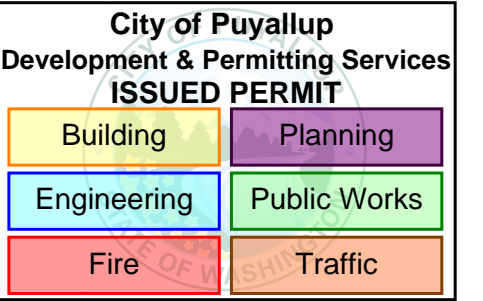
ISSUANCE

ISSUE DATE 02/17/2023
DRAWN BY: WJA
CHECKED BY: WJA

REVISION LIST

NO.	DATE	DESCRIPTION	BY
1	01/30/23	PERMIT SET	
1	02/17/23	100% CONSTRUCTION DOCS	

KEY PLAN



SHEET TITLE

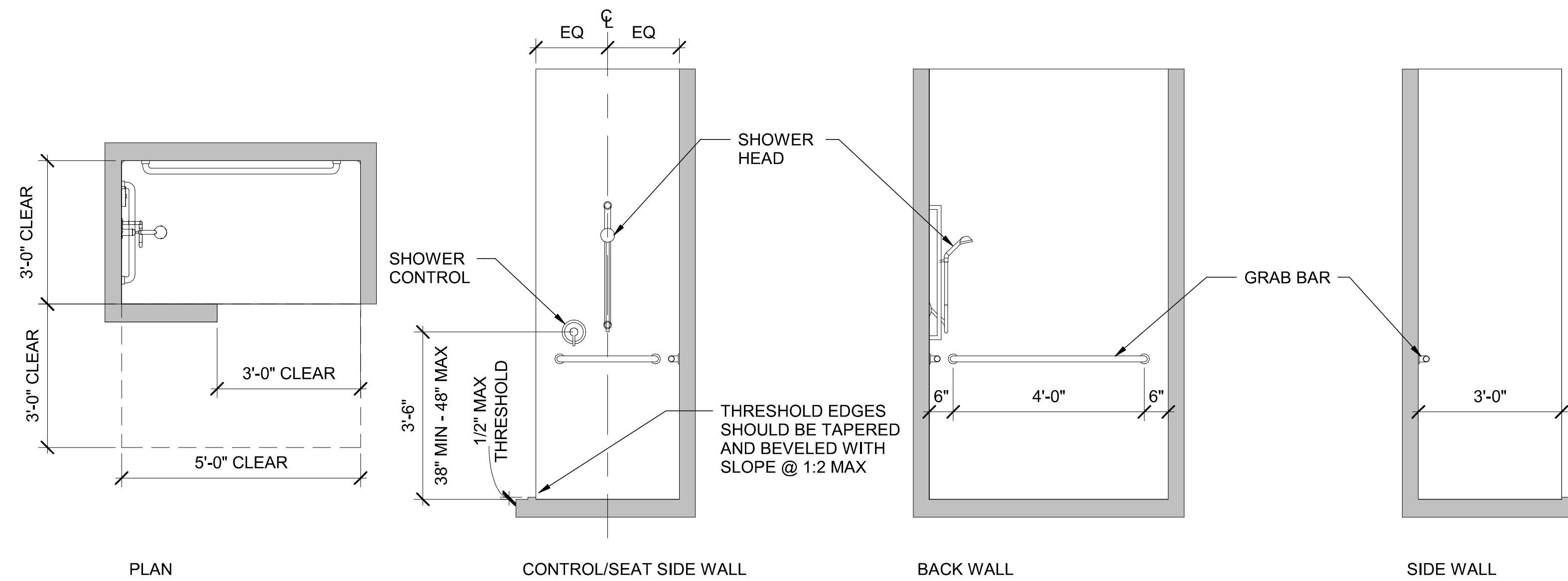
ACCESSIBILITY DIAGRAMS

SHEET NUMBER

A-002
PRCT120230098

Marshall Design + Management, LLC 2023

02/21/2023



ACCESSIBLE ROLL-IN SHOWER COMPARTMENT

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

DESIGNER



MARSHALL DESIGN + MANAGEMENT
12400 SE 38TH #50766
BELLEVUE, WA 98105

CLIENT AND PROJECT
LOCATION



BENAROYA
SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
1015 39TH AVE SE
PUYALLUP, WA 98374

PROJECT



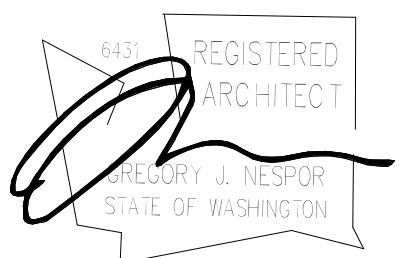
CENTRAL PIERCE FIRE AND RESCUE
1015 39TH AVE SE, SUITE 120
PUYALLUP, WA 98374

ARCHITECT



WJA DESIGN-COLLABORATIVE
617 WESTERN AVE
SEATTLE, WA 98104

STAMP



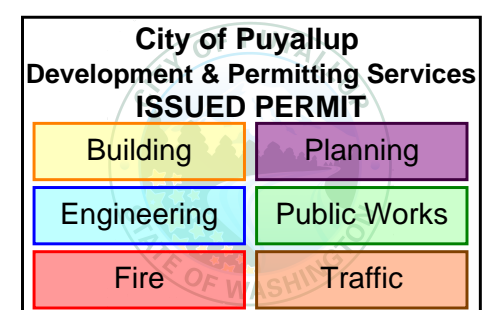
ISSUANCE

ISSUE DATE: 02/17/2023
DRAWN BY: WJA
CHECKED BY: WJA

REVISION LIST

NO.	DATE	DESCRIPTION	BY
1	01/30/23	PERMIT SET	
1	02/17/23	100% CONSTRUCTION DOCS	

KEY PLAN



SHEET TITLE

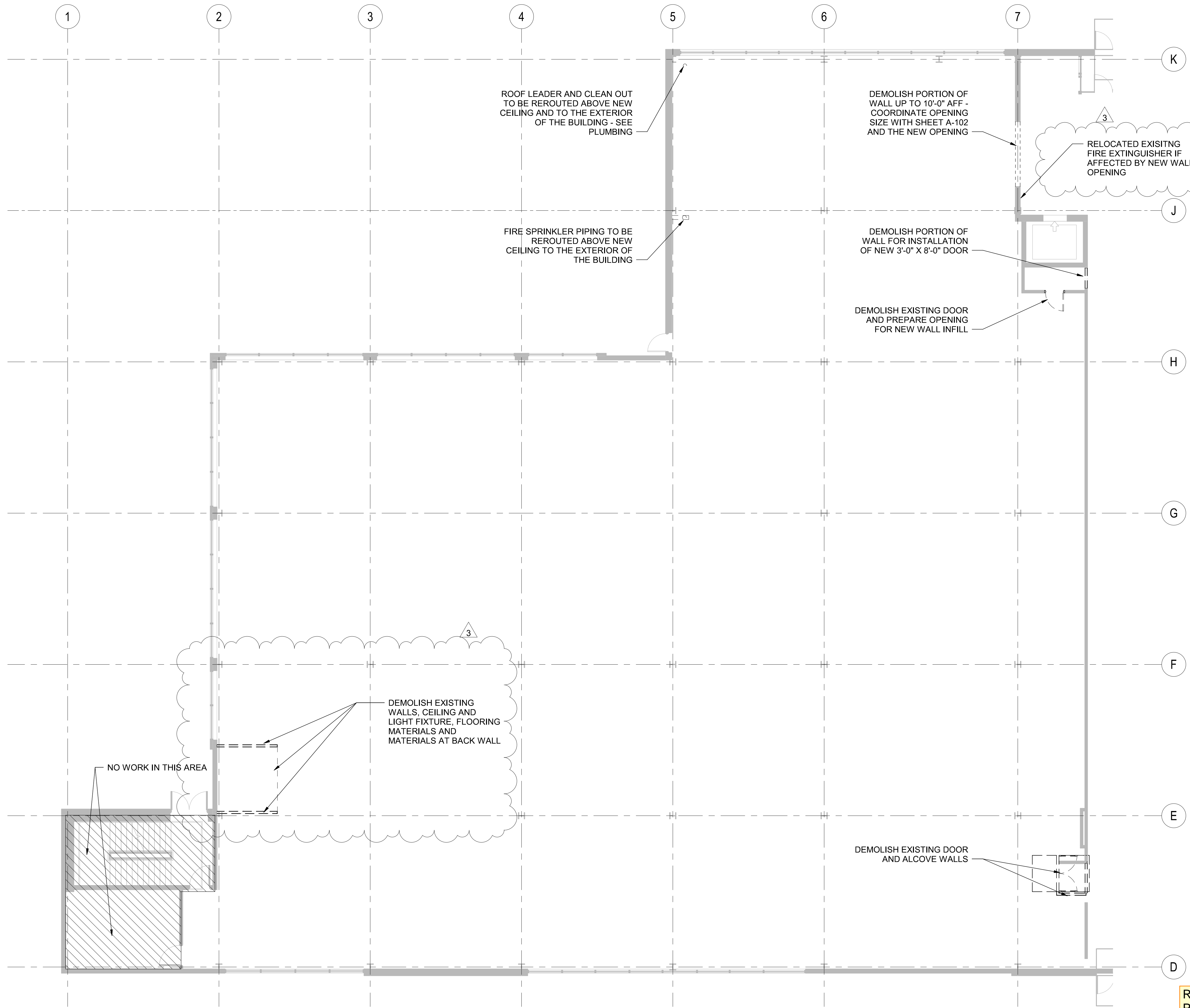
ACCESSIBILITY DIAGRAMS

SHEET NUMBER

A-003

PRCT120230098

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW



1 FIRST FLOOR PLAN
 AD-101 SCALE : 1/8" = 1'-0"

City of Puyallup
 Development & Permitting Services
 ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW

SCALE: 1/8" = 1'-0"

DESIGNER

Md+m
 MARSHALL DESIGN + MANAGEMENT
 12400 SE 38TH #50766
 BELLEVUE, WA 98105

CLIENT AND PROJECT LOCATION

Benaroya
 BENAROYA
 SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
 1015 39TH AVE SE
 PUYALLUP, WA 98374

PROJECT

CENTRAL PIERCE FIRE AND RESCUE
 1015 39TH AVE SE, SUITE 120
 PUYALLUP, WA 98374

ARCHITECT

wja
 design collaborative
 WJA DESIGN-COLLABORATIVE
 617 WESTERN AVE
 SEATTLE, WA 98104

STAMP

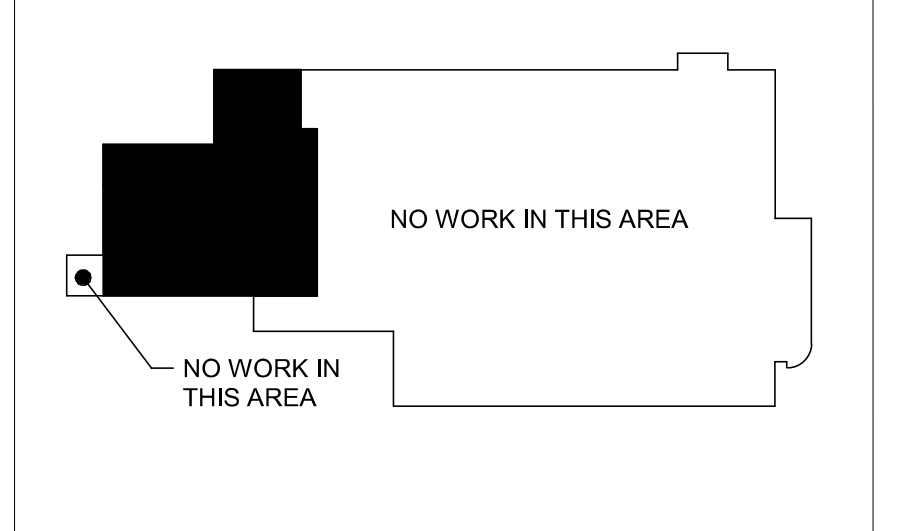
ISSUANCE

ISSUE DATE: 02/17/2023
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NO.	DATE	DESCRIPTION	BY
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KEY PLAN

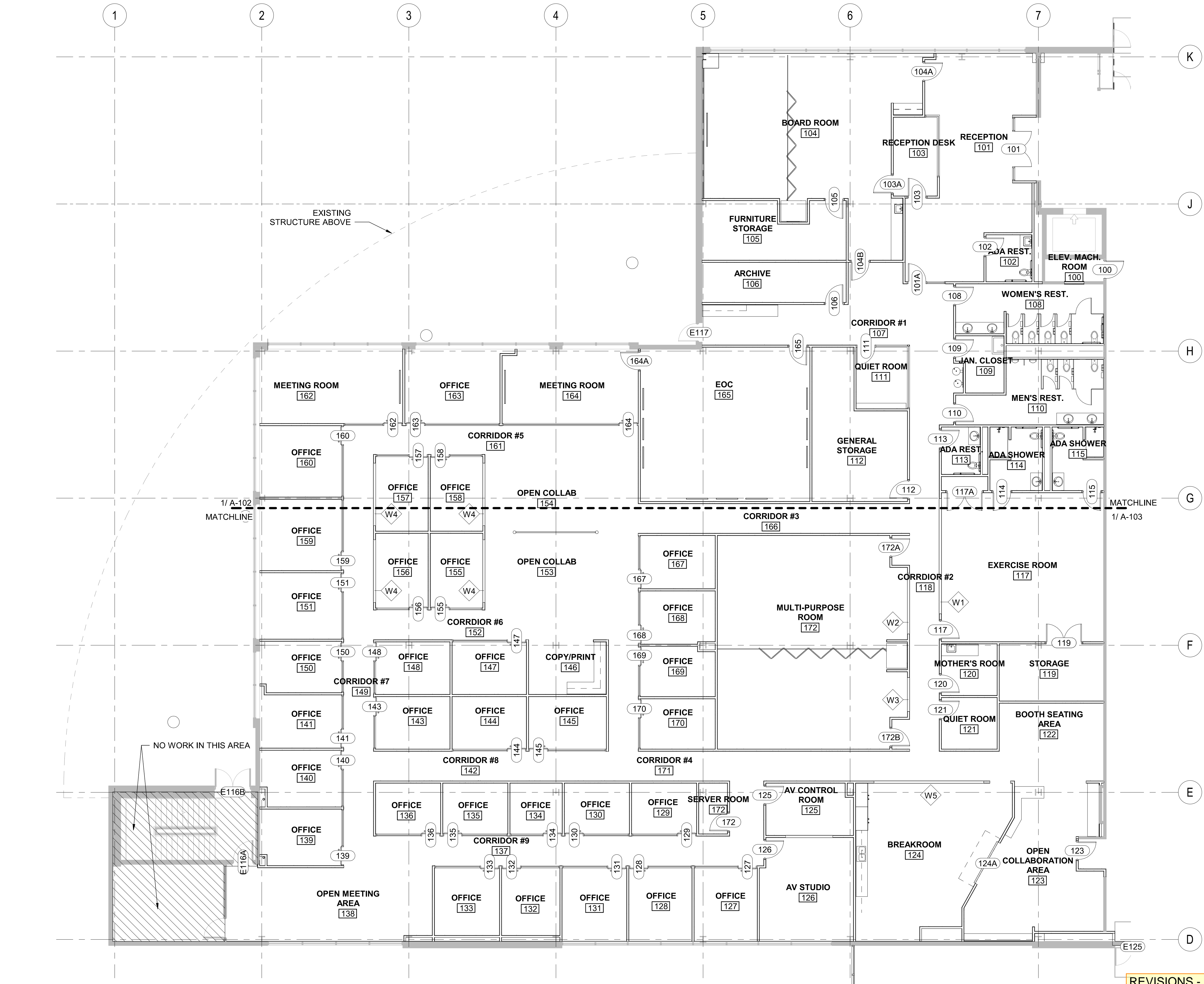


SHEET TITLE

FIRST FLOOR DEMOLITION PLAN

SHEET NUMBER

AD-101
 PRCT120230098

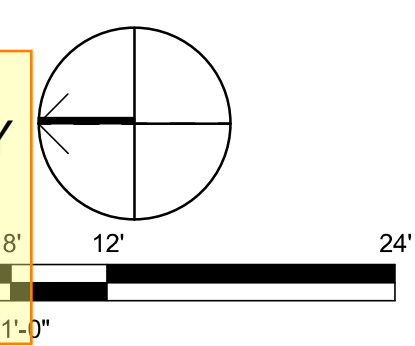


1 FIRST FLOOR PLAN
A-101 SCALE: 1/8" = 1'-0"

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW



DESIGNER
Md+m
MARSHALL DESIGN + MANAGEMENT
12400 SE 38TH #50766
BELLEVUE, WA 98105

CLIENT AND PROJECT LOCATION
Benaroya
BENAROYA
SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
1015 39TH AVE SE
PUYALLUP, WA 98374

PROJECT
CENTRAL PIERCE
FIRE & RESCUE
CENTRAL PIERCE FIRE AND RESCUE
1015 39TH AVE SE, SUITE 120
PUYALLUP, WA 98374

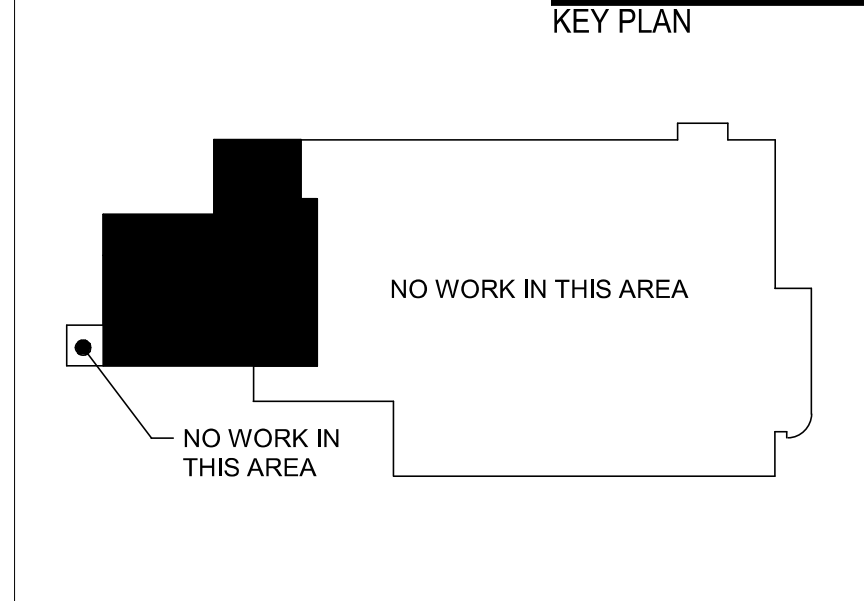
ARCHITECT
wja
design collaborative
WJA DESIGN-COLLABORATIVE
617 WESTERN AVE
SEATTLE, WA 98104

STAMP
REGISTERED ARCHITECT
GREGORY J. NESPOR
STATE OF WASHINGTON

ISSUANCE
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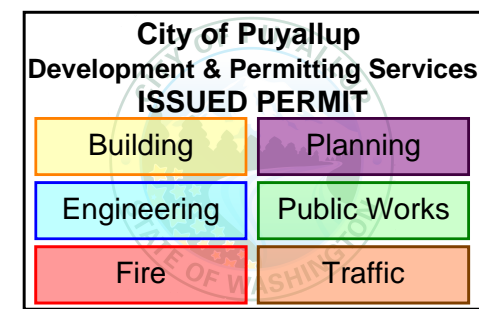


SHEET TITLE
FIRST FLOOR PLAN

SHEET NUMBER
A-101
PRCT120230098

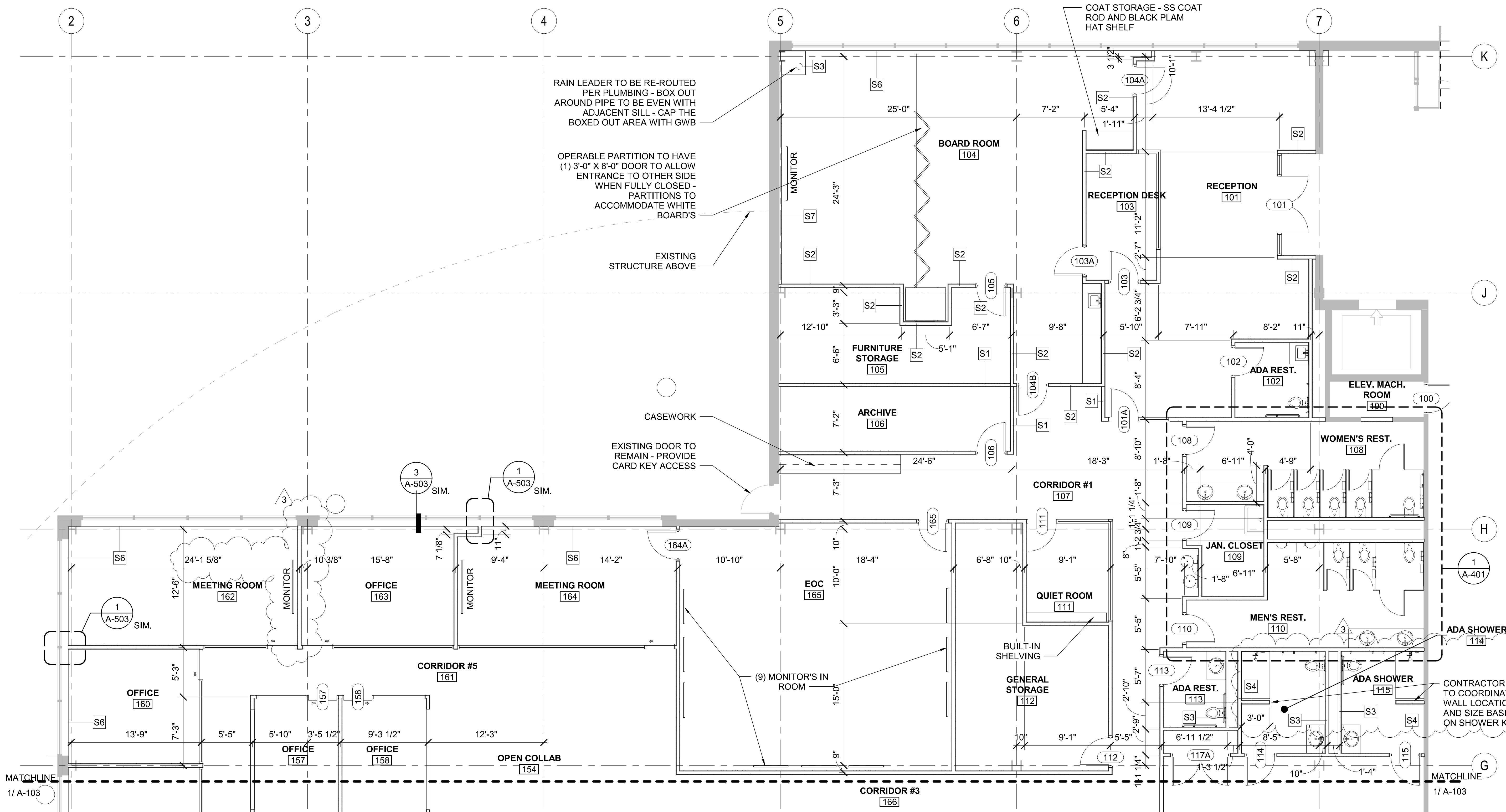
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FLOOR PLAN GENERAL NOTES

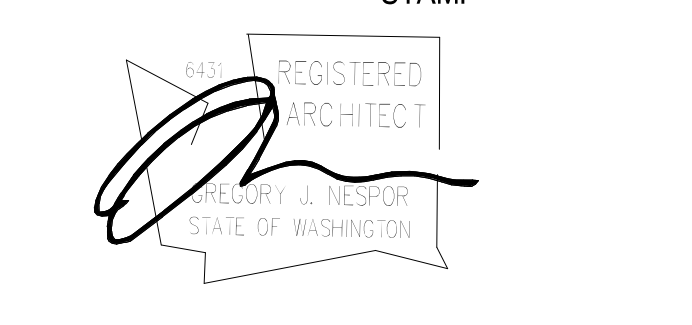
1. REFERENCE SHEET A-001 FOR ABBREVIATIONS, SYMBOL LEGENDS, ADDITIONAL DRAWING CONVENTIONS AND GENERAL NOTES.
2. REFERENCE SHEET A-601 FOR WALL AND CEILING TYPES, SHEET A-602 FOR DOOR TYPES, AND SHEET A-603 FOR WINDOW TYPES.
3. PLAN VIEWS ARE CUT AT 4'-0" AFF.
4. ALL INTERIOR DOORS TO BE CENTERED IN ROOM OR 4" FROM ADJACENT FACE OF WALL AS SHOWN UNLESS OTHERWISE NOTED.
5. SEE SHEET A-002 AND A-003 FOR ACCESSIBLE DETAILS.
6. ALL WALLS TO BE TYPE 'S1' UNO.
7. EXISTING EXTERIOR WALLS WITH EXPOSED INSULATION ARE TO BE COVERED WITH WALL TYPE 'S6'.
8. ALL PARTITION WALLS NOT EXTENDING TO DECK ARE TO TERMINATE 6" ABOVE CEILING UNO.
9. DEMOUNTABLE PARTITION WALL SYSTEMS ARE TO EXTEND FROM PARTITION WALL TO PARTITION WALL. CONTRACTOR TO FIELD VERIFY EXISTING EXTERIOR WINDOW MULLIONS AND ARE TO COORDINATE IN THE FIELD THE LOCATIONS OF PERPENDICULAR PARTITION WALLS AND CORRESPONDING DEMOUNTABLE PARTITION WALLS.
10. INSTALL WALL BLOCKING AT ALL MIRROR AND MONITOR LOCATIONS.
11. BUILDING STANDARD WINDOW BLINDS TO BE PROVIDED AT ALL EXTERIOR WINDOWS.



CLIENT AND PROJECT LOCATION
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 BENAROYA
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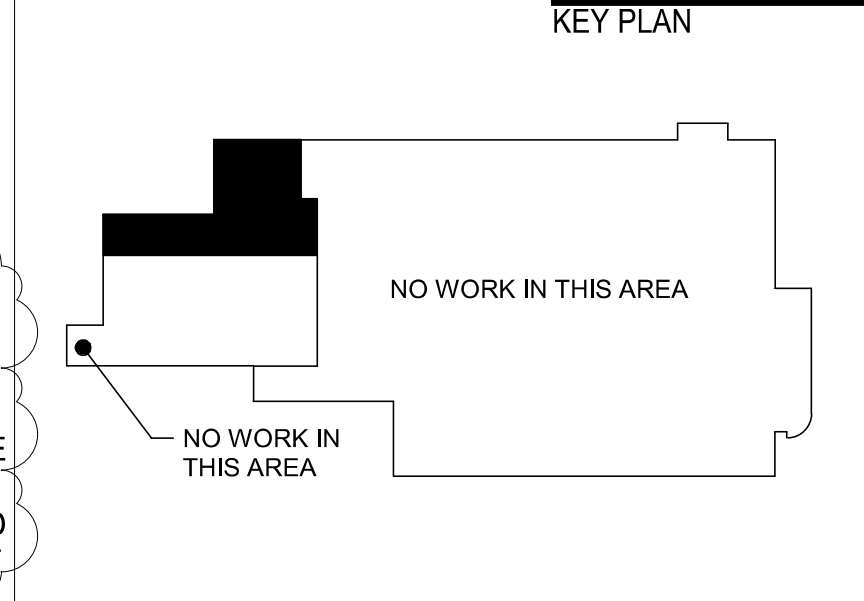


ARCHITECT
wja
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SHEET TITLE
ENLARGED EAST PLAN
 SHEET NUMBER

1
FIRST FLOOR PLAN
 A-102 SCALE: 3/16" = 1'-0"

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW

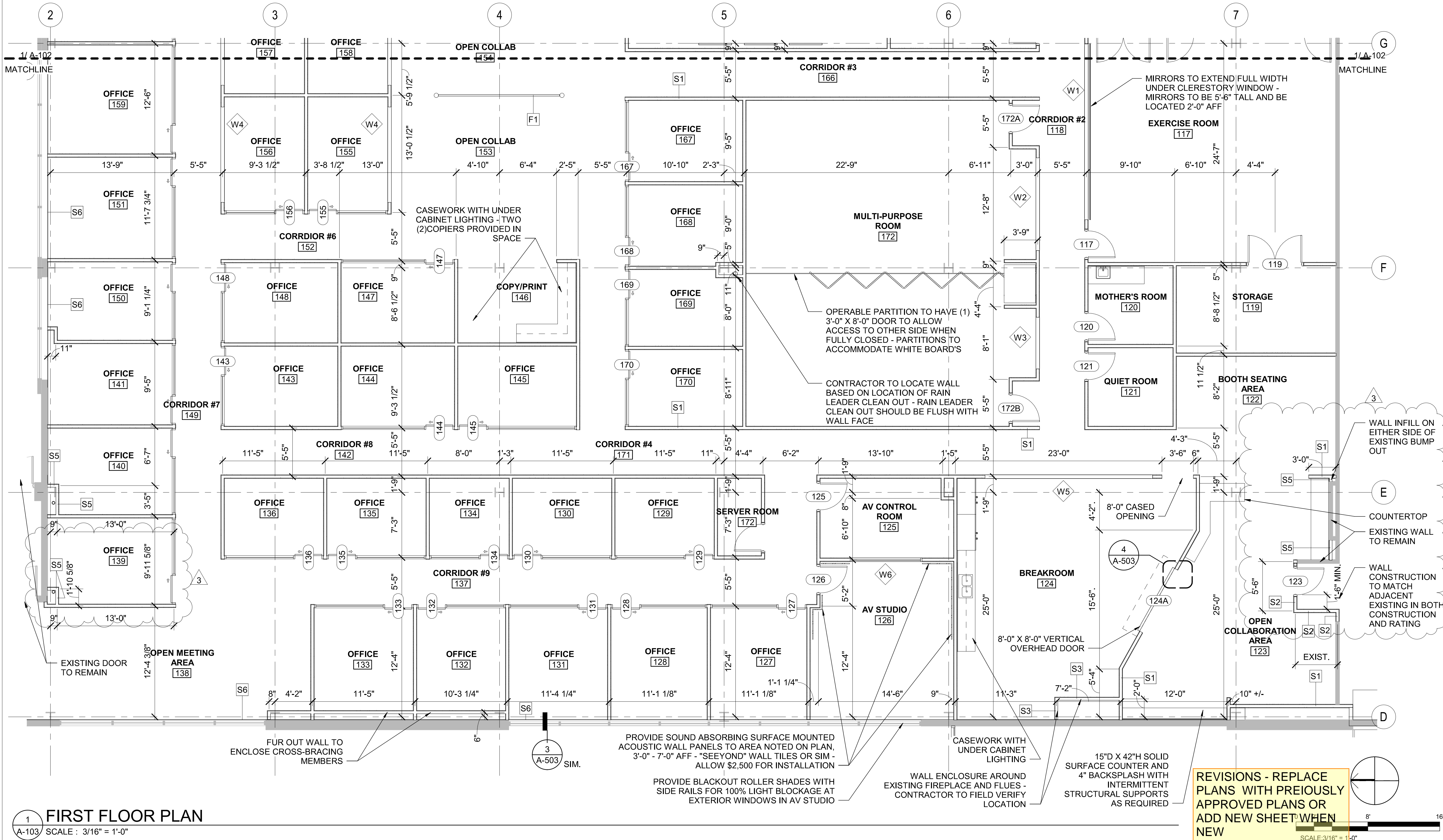
SCALE: 3/16" = 1'-0"

A-102
 PRCT120230098
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FLOOR PLAN GENERAL NOTES

- REFERENCE SHEET A-001 FOR ABBREVIATIONS, SYMBOL LEGENDS, ADDITIONAL DRAWING CONVENTIONS AND GENERAL NOTES.
- REFERENCE SHEET A-601 FOR WALL AND CEILING TYPES, SHEET A-602 FOR DOOR TYPES, AND SHEET A-603 FOR WINDOW TYPES.
- PLAN VIEWS ARE CUT AT 4'-0" AFF.
- ALL INTERIOR DOORS TO BE CENTERED IN ROOM OR 4" FROM ADJACENT FACE OF WALL AS SHOWN UNLESS OTHERWISE NOTED.
- SEE SHEET A-002 AND A-003 FOR ACCESSIBLE DETAILS.
- ALL WALLS TO BE TYPE 'S1' UNO.
- EXISTING EXTERIOR WALLS WITH EXPOSED INSULATION ARE TO BE COVERED WITH WALL TYPE 'S6'.
- ALL PARTITION WALLS NOT EXTENDING TO DECK ARE TO TERMINATE 6" ABOVE CEILING UNO.
- DEMOUNTABLE PARTITION WALL SYSTEMS ARE TO EXTEND FROM PARTITION WALL TO PARTITION WALL. CONTRACTOR TO FIELD VERIFY EXISTING EXTERIOR WINDOW MULLIONS AND ARE TO COORDINATE IN THE FIELD THE LOCATIONS OF PERPENDICULAR PARTITION WALLS AND CORRESPONDING DEMOUNTABLE PARTITION WALLS.
- INSTALL WALL BLOCKING AT ALL MIRROR AND MONITOR LOCATIONS.
- BUILDING STANDARD WINDOW BLINDS TO BE PROVIDED AT ALL EXTERIOR WINDOWS.

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic



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

DESIGNER
Md+m
MARSHALL DESIGN + MANAGEMENT
12400 SE 38TH #50766
BELLEVUE, WA 98105

CLIENT AND PROJECT LOCATION
Benaroya
BENAROYA
SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
1015 39TH AVE SE
PUYALLUP, WA 98374

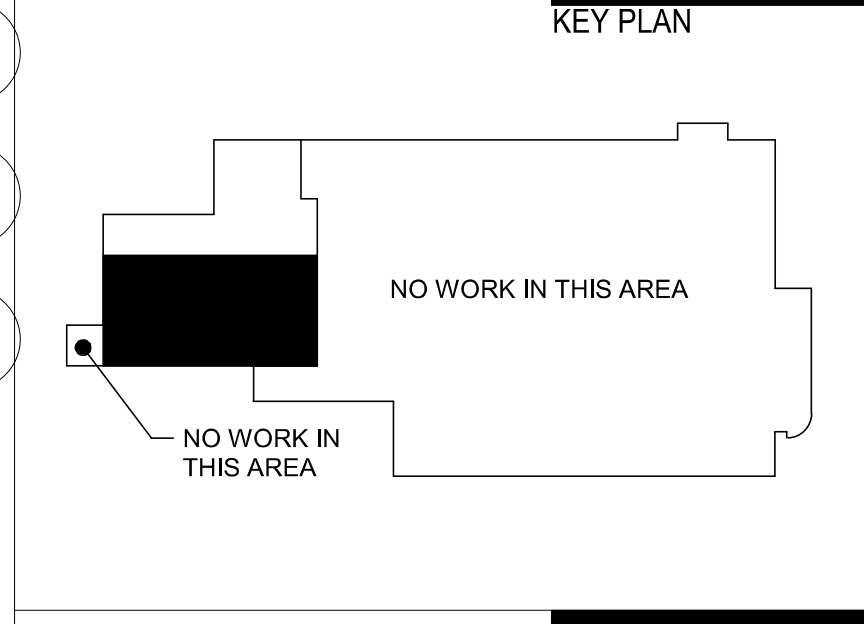
PROJECT
CENTRAL PIERCE FIRE & RESCUE
CENTRAL PIERCE FIRE AND RESCUE
1015 39TH AVE SE, SUITE 120
PUYALLUP, WA 98374

ARCHITECT
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617 WESTERN AVE
SEATTLE, WA 98104

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W. J. NELSON
STATE OF WASHINGTON

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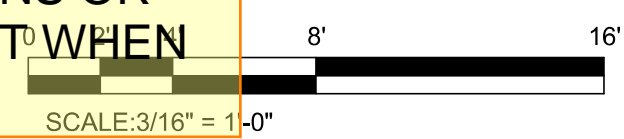


SHEET TITLE
ENLARGED WEST PLAN

SHEET NUMBER

A-103
PRCTI20230098

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW





REVISED FURNITURE LAYOUT

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW

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CLIENT AND PROJECT LOCATION
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PROJECT
CENTRAL PIERCE FIRE & RESCUE
CENTRAL PIERCE FIRE AND RESCUE
1015 39TH AVE SE, SUITE 120
PUYALLUP, WA 98374

ARCHITECT
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design collaborative
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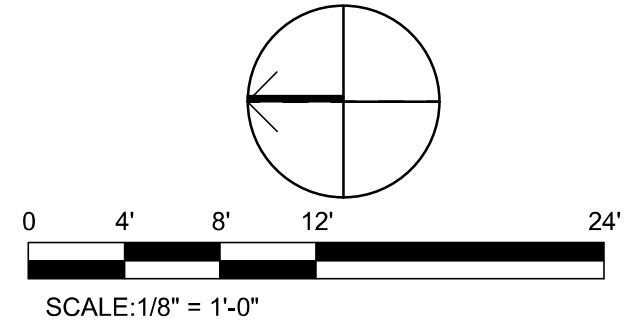
KEY PLAN
NO WORK IN THIS AREA

SHEET TITLE
FURNITURE PLAN - FOR REFERENCE ONLY

SHEET NUMBER
A-104
PRCT120230098

SCALE: 1/8" = 1'-0"

1 FIRST FLOOR PLAN
A-104 SCALE: 1/8" = 1'-0"



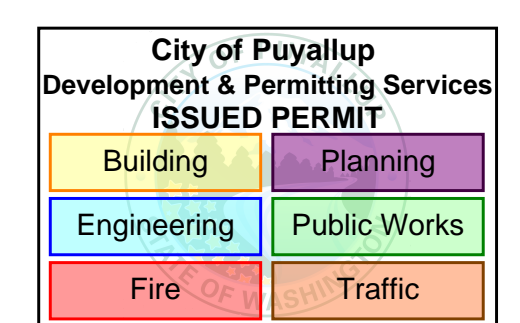


RCP NOTES

1. ALL ACOUSTICAL CEILINGS (CA-2) AT 10'-6" AFF UNO.
2. AV ROOMS 125, 126, AND 172 ARE TO HAVE 3 1/2" SOUND ATTENUATING BATT INSULATION ABOVE THE ENTIRE ROOM.
3. ALL PARTITION WALLS EXTEND TO 11'-0" AFF UNO.
4. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL CEILING INFORMATION.
5. SEE SHEET A-501 FOR TYPICAL SEISMIC CEILING DETAILS.
6. WHERE PORTIONS OF ACOUSTICAL CEILINGS ARE BROKEN BY FULL-HEIGHT WALLS TO STRUCTURE, PROVIDE NEW SEISMIC PERIMETER RETAINING CLIPS AND SEISMIC BRACING AS REQUIRED.
7. SEE ENLARGED REFLECTED CEILING PLANS FOR ADDITIONAL LIGHT FIXTURE INFORMATION.

RCP LEGEND

- WALL MOUNTED FIXTURE
- LINEAR PENDANT LIGHT FIXTURE PER ELECTRICAL
- RECESSED LIGHT FIXTURE
- 2' X 2' LIGHT FIXTURE
- 2' X 4' LIGHT FIXTURE
- 2X4 ACT
- GWB CEILING
- ACOUSTICAL CEILING BAFFLES - MFR: ZINTRA ACOUSTICS PRODUCT: ZINTRA BAFFLES COLOR: SEE I-SERIES SHEETS
- 3 1/2" SOUND ATTENUATING BATT INSULATION ABOVE CEILING
- WALL WASHING LIGHT FIXTURE
- RECESSED OR PENDANT
- EXIT SIGN LOCATION (REFER TO FA DWGS)
- WALL TO DECK
- PENDANT LIGHT
- PENDANT LIGHT



REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW



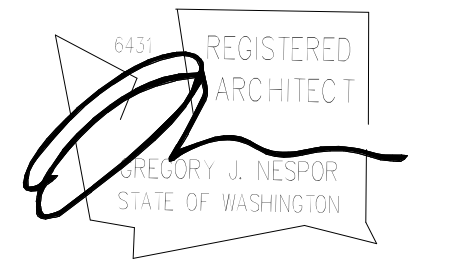
CLIENT AND PROJECT LOCATION
Benaroya
BENAROYA SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
1015 39TH AVE SE
PUYALLUP, WA 98374



PROJECT
CENTRAL PIERCE FIRE AND RESCUE
1015 39TH AVE SE, SUITE 120
PUYALLUP, WA 98374



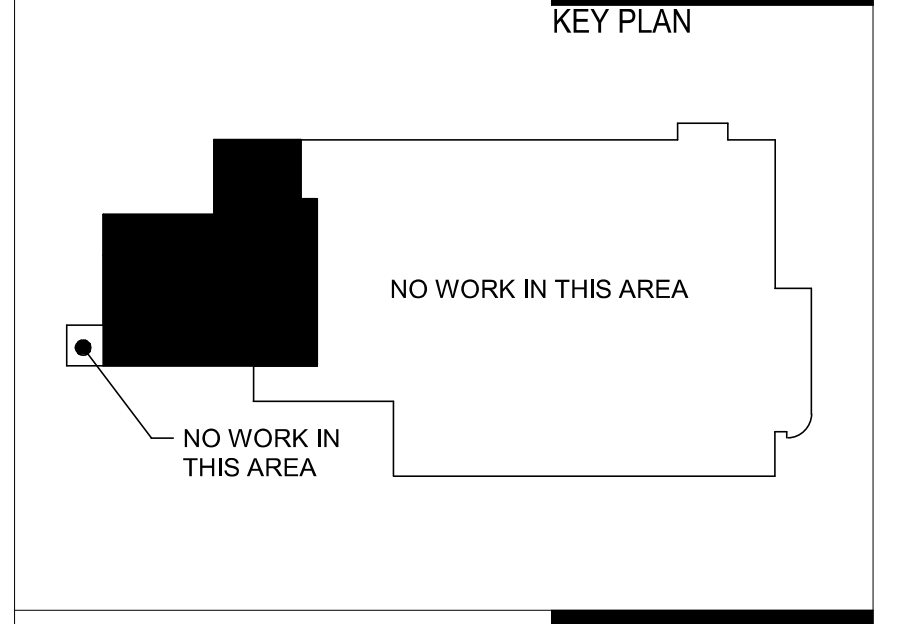
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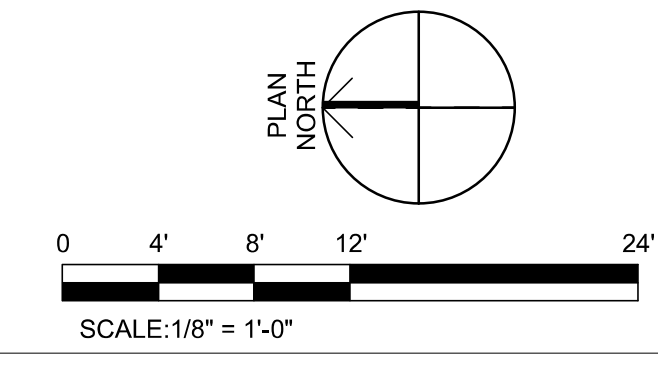
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SHEET TITLE
REFLECTED CEILING PLAN

SHEET NUMBER
A-111
PRCT120230098

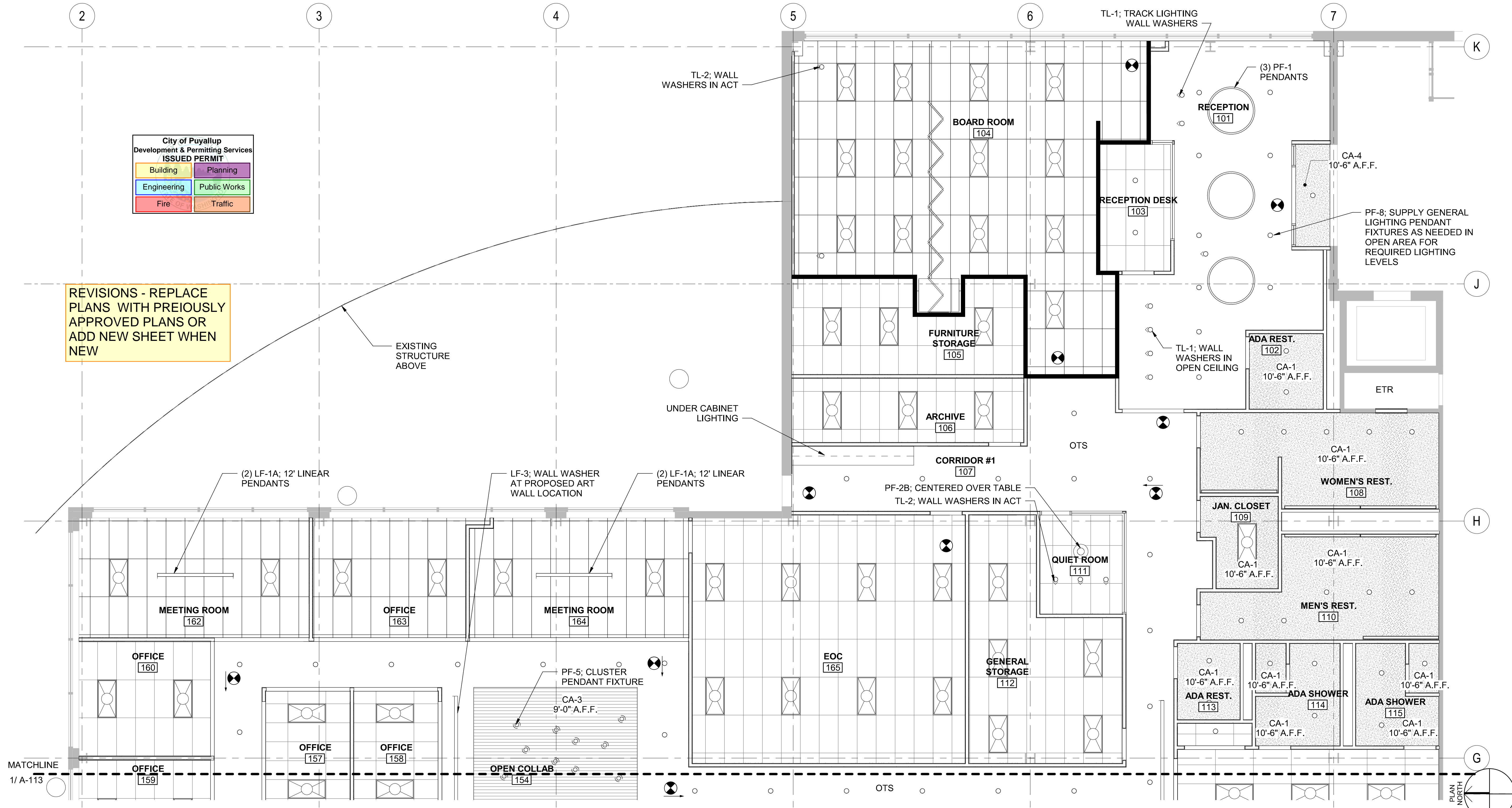
1 REFLECTED CEILING PLAN
A-111 SCALE: 1/8" = 1'-0"



DWG: 20230209

LIGHTING SCHEDULE

TYPE	LOCATION	DESCRIPTION	MANUFACTURER	STYLE NAME	MODEL	COMMENTS
LF-1A	OPEN COLLABORATION AREA 123	LINEAR PENDANT	FOCAL POINT	SEEM 1 LED	FSM1S-PD05-35K-C96BK-BK-6FT0IN	BOTTOM OF FIXTURE TO BE MOUNTED 9'-1" AFF
LF-1B	MULTI-PURPOSE ROOM 172	LINEAR PENDANT	FOCAL POINT	SEEM 1 LED	FSM1S-PD05-35K-C96WH-WH-4FT0IN	BOTTOM OF FIXTURE TO BE MOUNTED 9'-0" AFF. LIGHTS TO ALIGN WITH CEILING TILES.
LF-3	CORRIDORS	LINEAR WALL WASHERS	VODE	WING RAIL CEILING CABLE 107	107-WG-01-CC-96-35	BOTTOM OF FIXTURE TO BE MOUNTED AT 9'-0" AFF.
PF-1	RECEPTION 101	PENDANT	OCL	REV PENDANT	RV2-P1DB-60-MW-BNP-LED1/35K-UNV-100	BOTTOM OF FIXTURE TO BE MOUNTED AT 10'-0" AFF.
PF-2A	OPEN COLLABORATION AREA 123	PENDANT	OCL	NOVA PENDANT	NO1-P1FB-24-MW-GRP-SMP-LED2-35K-UNV-100	EXACT LOCATION TO BE COORDINATE WITH FURNITURE. BOTTOM OF FIXTURE TO BE MOUNTED AT 6'-0" AT BOOTH SEATING. BOTTOM OF FIXTURE TO BE MOUNTED AT 7'-0" FOR OTHER BREAK ROOM LOCATION.
PF-2B	QUIET ROOM 111	PENDANT	OCL	NOVA PENDANT	NO1-P1FB-24-MW-GRP-BNP-LED2-35K-UNV-100	EXACT LOCATION TO BE COORDINATED WITH FURNITURE. BOTTOM OF FIXTURE TO BE MOUNTED AT 7'-6"
PF-3	BREAK ROOM 124	PENDANT	BARN LIGHT ELECTRIC CO.	KAO DOWNTOWN MINIMALIST PENDANT	BLE-C-PINDY-CUPKAO-400-CSR-400	EXACT LOCATION AND MOUNTING HEIGHTS TO BE COORDINATED WITH LADDER HANGING FROM OPEN CEILING. COORDINATE WITH DESIGNER.
PF-5	OPEN COLLABORATION 154	MULTIPOINT PENDANT	OCL	GLOWBALL DIVERGE	GB1-P14CEC-17-FS-GRP-LED1/35K-UNV-120-DMO	EXACT LOCATION AND MOUNTING HEIGHTS TO BE COORDINATED WITH FURNITURE.
PF-6	BREAK ROOM 124	PENDANT	DESTINATION LIGHTING	FARMHOUSE INDUSTRIAL BLACK MINI-PENDANT	656059	BOTTOM OF FIXTURE TO BE MOUNTED 6'-6" AFF.
PF-7	OPEN COLLABORATION AREA 153	PENDANT	OCL	ROYALE PENDANT	RY1-P1CF-14-MW-GRP-LED1-35K-UNV-100	EXACT LOCATION AND MOUNTING HEIGHTS TO BE COORDINATED WITH FURNITURE.
PF-8	GENERAL PENDANTS THROUGHOUT OPEN CEILING AREAS	PENDANT	ALCON LIGHTING	12302-P-DL	12302-P-DLT-8-11/11W-35K-BK	BOTTOM OF FIXTURES TO BE MOUNTED AT 10'-6" AFF.
PF-9	OPEN MEETING ROOM 138	PENDANT	LUMENS	VERTIGO PENDANT	PEF881805	EXACT LOCATION AND MOUNTING HEIGHTS TO BE COORDINATED WITH DESIGNER.
TL-1	RECEPTION 101	WALL WASHER	TBD	TBD	TBD	EXACT LOCATION AND MOUNTING HEIGHTS TO BE COORDINATED WITH DESIGNER.
TL-2	BOARD ROOM 104 AND QUIET ROOM 111	WALL WASHER	ALCON LIGHTING	RECESSED ROUND 2" WALL WASHER	14144-ADJ-6L-30K-WH	CENTERED IN ACT TILES WHERE POSSIBLE.



DESIGNER



CLIENT AND PROJECT LOCATION



PROJECT



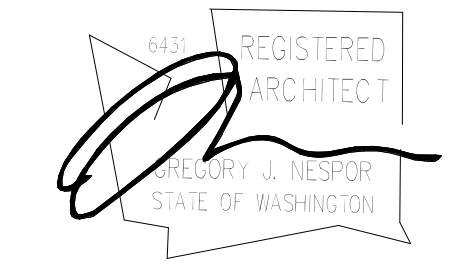
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1015 39TH AVE SE, SUITE 120
PUYALLUP, WA 98374

ARCHITECT



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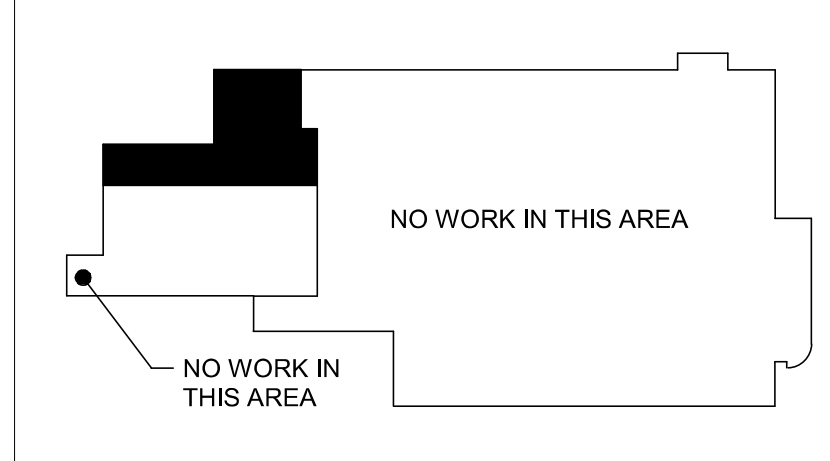
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KEY PLAN



SHEET TITLE

ENLARGED EAST RCP

SHEET NUMBER

A-112
PRCT120230098

1
A-112 ENLARGED EAST RCP
SCALE: 3/16" = 1'-0"

LIGHTING SCHEDULE

TYPE	LOCATION	DESCRIPTION	MANUFACTURER	STYLE NAME	MODEL	COMMENTS
LF-1A	OPEN COLLABORATION AREA 123	LINEAR PENDANT	FOCAL POINT	SEEM 1 LED	FSM1S-PD05-35K-C96BK-BK-6FT0IN	BOTTOM OF FIXTURE TO BE MOUNTED 9'-1" AFF
LF-1B	MULTI-PURPOSE ROOM 172	LINEAR PENDANT	FOCAL POINT	SEEM 1 LED	FSM1S-PD05-35K-C96WH-WH-4FT0IN	BOTTOM OF FIXTURE TO BE MOUNTED 9'-0" AFF. LIGHTS TO ALIGN WITH CEILING TILES.
LF-3	CORRIDORS	LINEAR WALL WASHERS	VODE	WING RAIL CEILING CABLE 107	107-WG-01-CC-96-35	BOTTOM OF FIXTURE TO BE MOUNTED AT 9'-0" AFF.
PF-1	RECEPTION 101	PENDANT	OCL	REV PENDANT	RV2-P1DB-60-MW-BNP-LED1/35K-UNV-100	BOTTOM OF FIXTURE TO BE MOUNTED AT 10'-0" AFF.
PF-2A	OPEN COLLABORATION AREA 123	PENDANT	OCL	NOVA PENDANT	NO1-P1FB-24-MW-GRP-SMP-LED2-35K-UNV-100	EXACT LOCATION TO BE COORDINATE WITH FURNITURE. BOTTOM OF FIXTURE TO BE MOUNTED AT 6'-0" AT BOOTH SEATING. BOTTOM OF FIXTURE TO BE MOUNTED AT 7'-0" FOR OTHER BREAK ROOM LOCATION.
PF-2B	QUIET ROOM 111	PENDANT	OCL	NOVA PENDANT	NO1-P1FB-24-MW-GRP-BNP-LED2-35K-UNV-100	EXACT LOCATION TO BE COORDINATED WITH FURNITURE. BOTTOM OF FIXTURE TO BE MOUNTED AT 7'-6"
PF-3	BREAK ROOM 124	PENDANT	BARN LIGHT ELECTRIC CO.	KAO DOWNTOWN MINIMALIST PENDANT	BLE-C-PINDY-CUPKAO-400-CSR-400	EXACT LOCATION AND MOUNTING HEIGHTS TO BE COORDINATED WITH LADDER HANGING FROM OPEN CEILING. COORDINATE WITH DESIGNER.
PF-5	OPEN COLLABORATION 154	MULTIPOINT PENDANT	OCL	GLOWBALL DIVERGE	GB1-P14CEC-17-FS-GRP-LED1/35K-UNV-120-DMO	EXACT LOCATION AND MOUNTING HEIGHTS TO BE COORDINATED WITH FURNITURE.
PF-6	BREAK ROOM 124	PENDANT	DESTINATION LIGHTING	FARMHOUSE INDUSTRIAL BLACK MINI-PENDANT	656059	BOTTOM OF FIXTURE TO BE MOUNTED 6'-6" AFF.
PF-7	OPEN COLLABORATION AREA 153	PENDANT	OCL	ROYALE PENDANT	RY1-P1CF-14-MW-GRP-LED1-35K-UNV-100	EXACT LOCATION AND MOUNTING HEIGHTS TO BE COORDINATED WITH FURNITURE.
PF-8	GENERAL PENDANTS THROUGHOUT OPEN CEILING AREAS	PENDANT	ALCON LIGHTING	12302-P-DL	12302-P-DLT-8-11/11W-35K-BK	BOTTOM OF FIXTURES TO BE MOUNTED AT 10'-6" AFF.
PF-9	OPEN MEETING ROOM 138	PENDANT	LUMENS	VERTIGO PENDANT	PEF81805	EXACT LOCATION AND MOUNTING HEIGHTS TO BE COORDINATED WITH DESIGNER.
TL-1	RECEPTION 101	WALL WASHER	TBD	TBD	TBD	EXACT LOCATION AND MOUNTING HEIGHTS TO BE COORDINATED WITH DESIGNER.
TL-2	BOARD ROOM 104 AND QUIET ROOM 111	WALL WASHER	ALCON LIGHTING	RECESSED ROUND 2" WALL WASHER	14144-ADJ-6L-30K-WH	CENTERED IN ACT TILES WHERE POSSIBLE.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building Planning
Engineering Public Works
Fire Traffic



MARSHALL DESIGN + MANAGEMENT
12400 SE 38TH #50766
BELLEVUE, WA 98105

DESIGNER

CLIENT AND PROJECT LOCATION

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BENAROYA
SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
1015 39TH AVE SE
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PROJECT



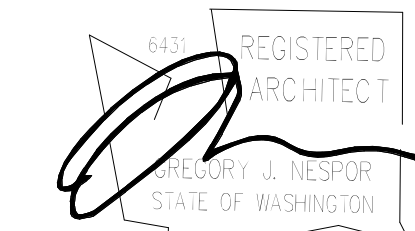
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SEATTLE, WA 98104

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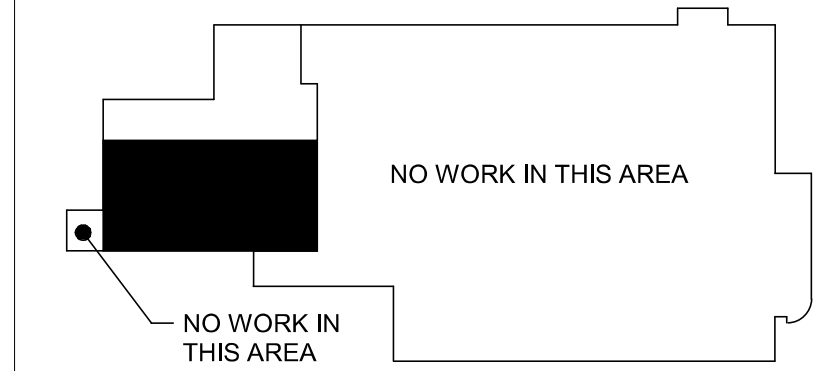
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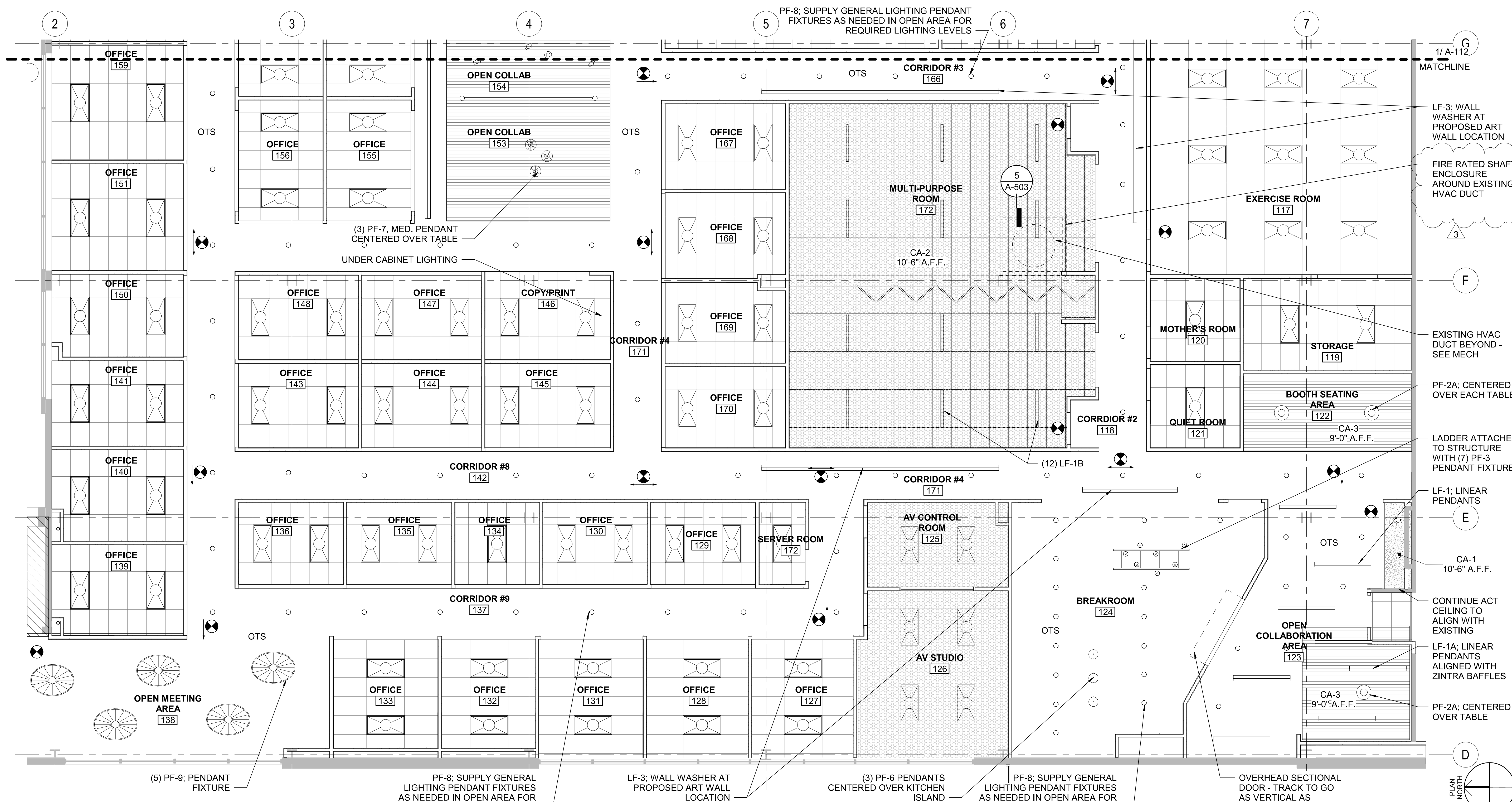
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ENLARGED WEST RCP

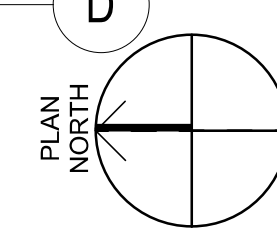
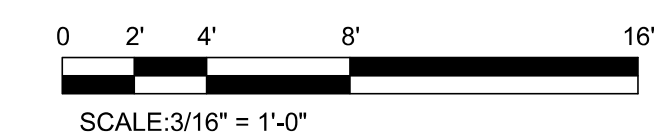
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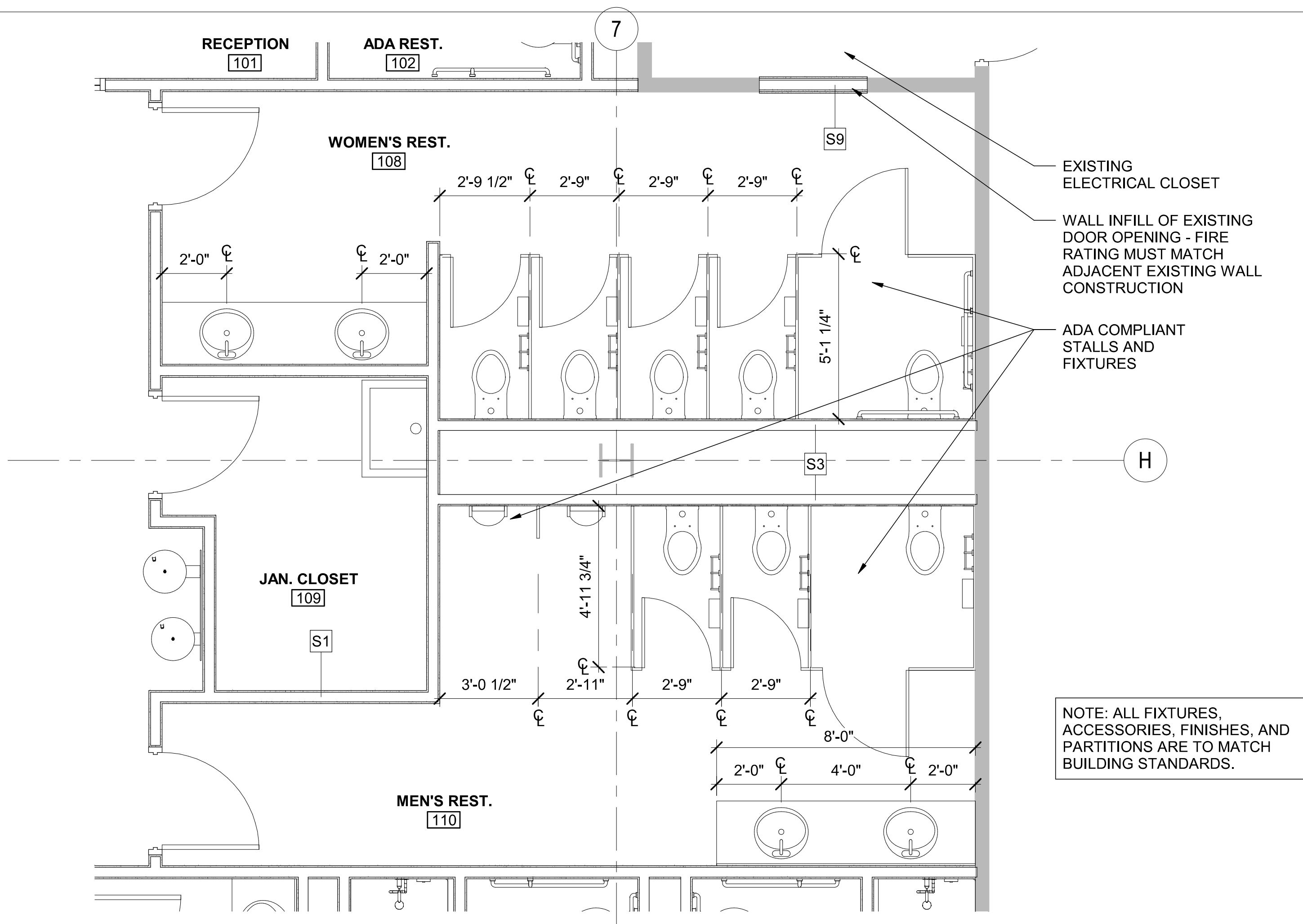
A-113

PRCT120230098



1 ENLARGED WEST RCP
SCALE: 3/16" = 1'-0"



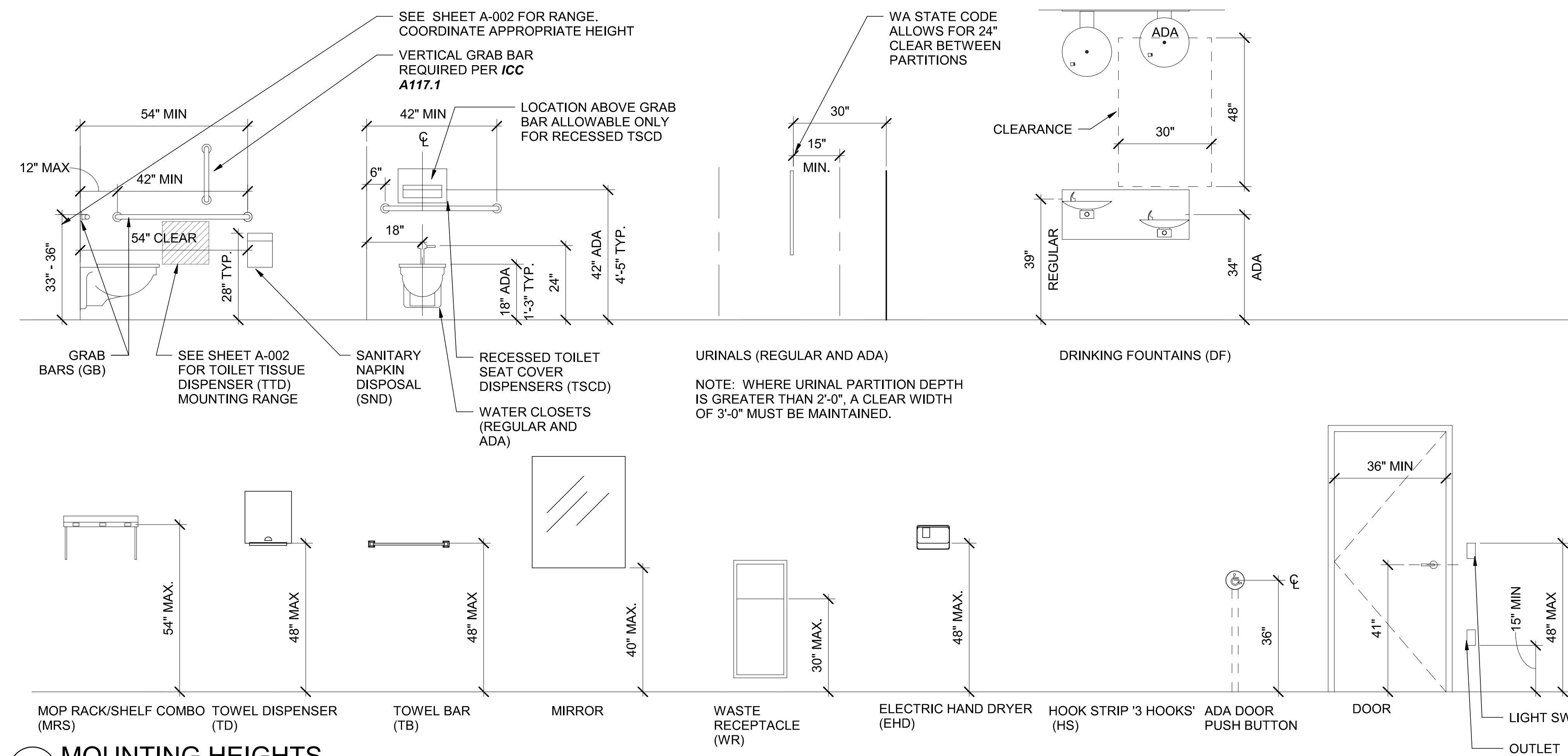


MOUNTING HEIGHTS GENERAL NOTES

1. ALL MOUNTING HEIGHTS APPLY THROUGHOUT UNO.
2. SEE SHEET A-002 FOR ACCESSIBILITY REQUIREMENTS
3. SEE SHEET A-002 FOR TOILET PAPER DISPENSER MOUNTING RANGE

1 ENLARGED RESTROOM PLAN

A-401 SCALE: 3/8" = 1'-0"



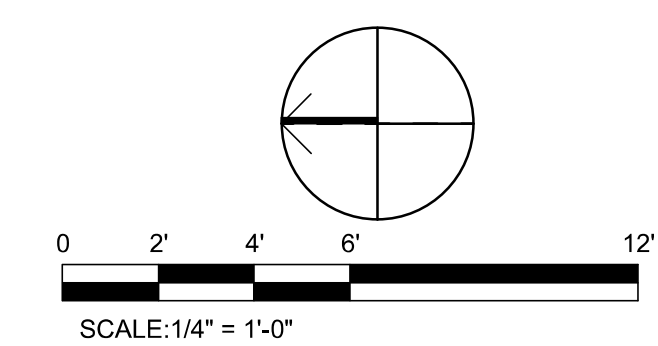
MOUNTING HEIGHTS

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

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW



DESIGNER



MARSHALL DESIGN + MANAGEMENT
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BELLEVUE, WA 98105

CLIENT AND PROJECT LOCATION



BENAROYA
SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
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PUYALLUP, WA 98374

PROJECT



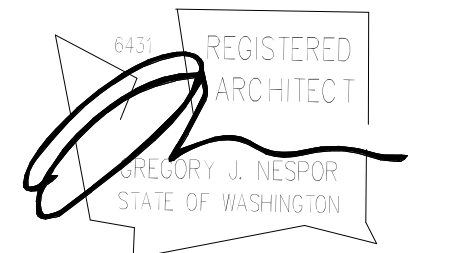
CENTRAL PIERCE FIRE AND RESCUE
1015 39TH AVE SE, SUITE 120
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ARCHITECT



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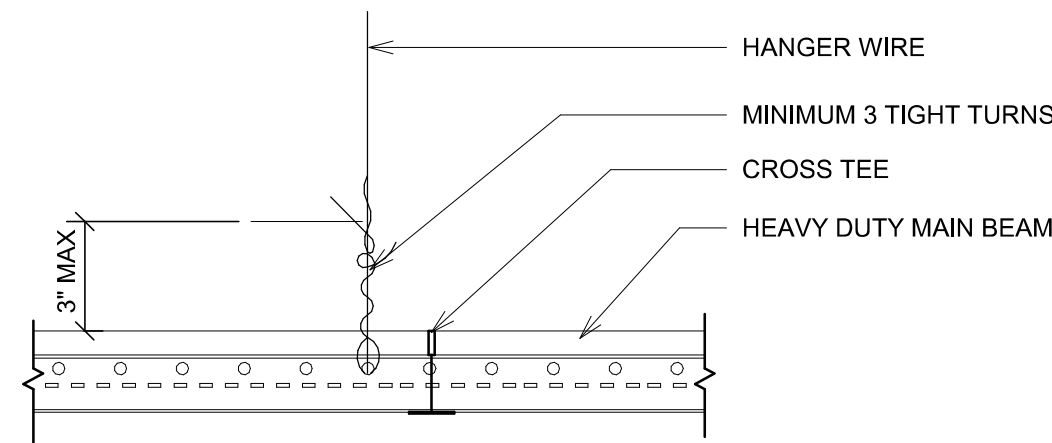
ENLARGED RESTROOM PLAN AND MOUNTING HEIGHTS

SHEET NUMBER

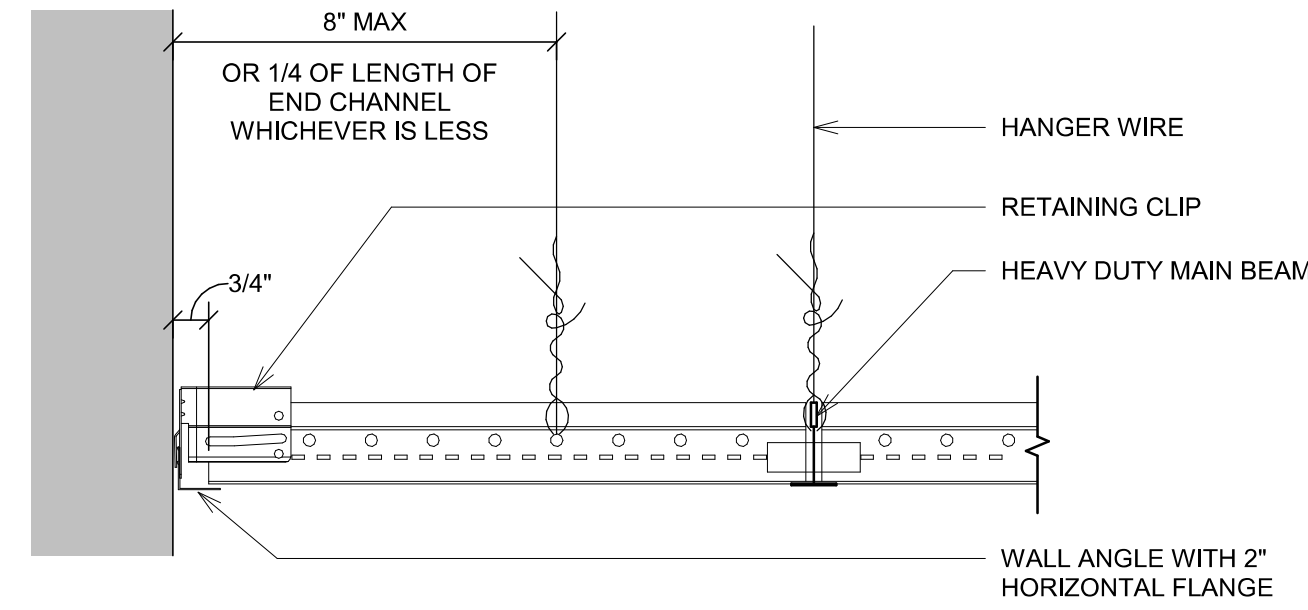
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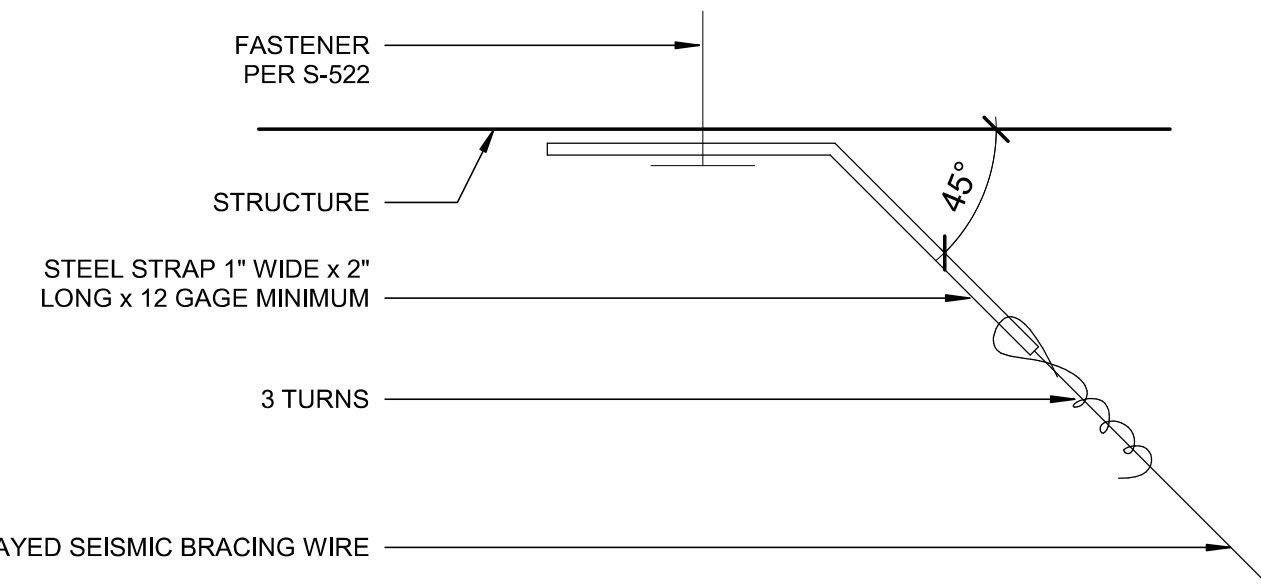
© Marshall Design + Management, LLC 2023



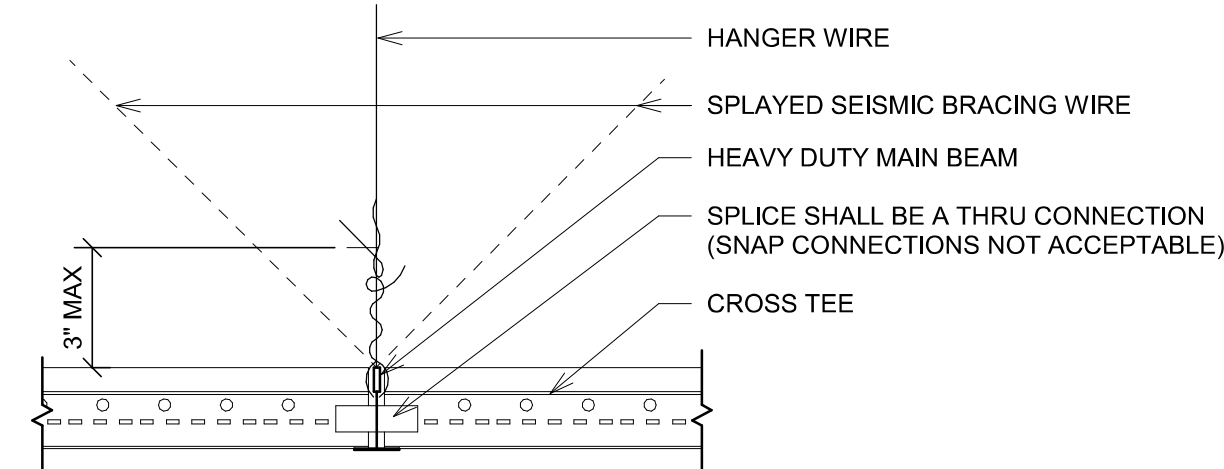
1 HANGER WIRE CONNECTION
A-501 SCALE : 3" = 1'-0"



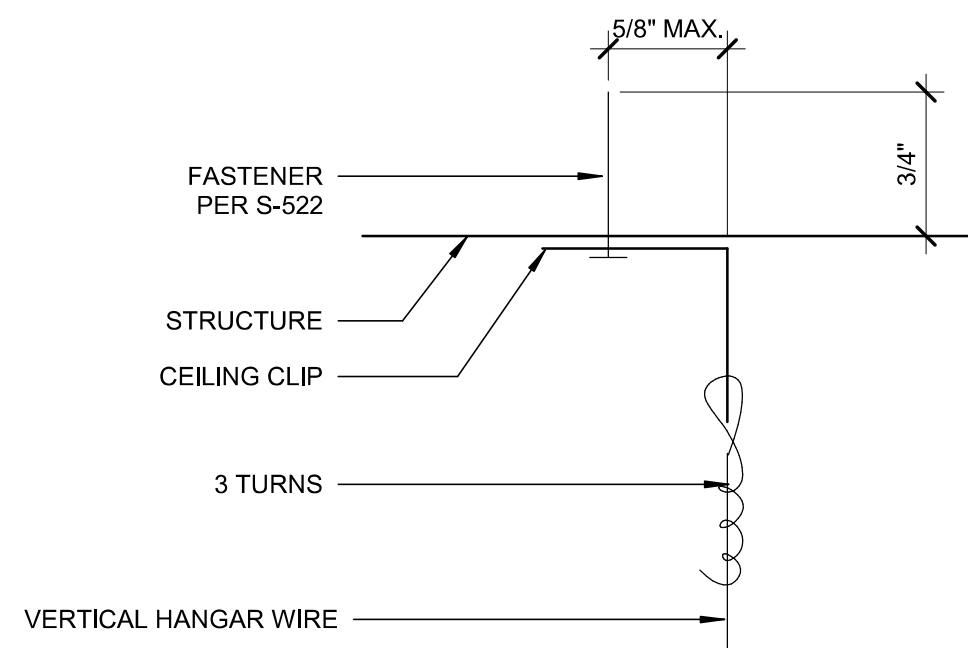
2 RETAINING CLIP @ PERIMETER CROSS TEES
A-501 SCALE : 3" = 1'-0"



3 SPLAYED SEISMIC BRACING WIRE ATTACHMENT 1
A-501 SCALE : 12" = 1'-0"



4 RUNNER SPLICE
A-501 SCALE : 3" = 1'-0"



6 VERTICAL HANGAR WIRE ATTACHMENT
A-501 SCALE : 12" = 1'-0"

GENERAL NOTES:

- ALL COMPONENTS OF CEILING GRID SHALL BE CLASSIFIED "HEAVY DUTY". AT THE PERIMETER OF THE CEILING AREA, WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS TO PREVENT LATERAL SPREADING. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS 8" OR LESS, THIS INTERLOCK IS NOT REQUIRED.

COMPRESSION STRUTS:

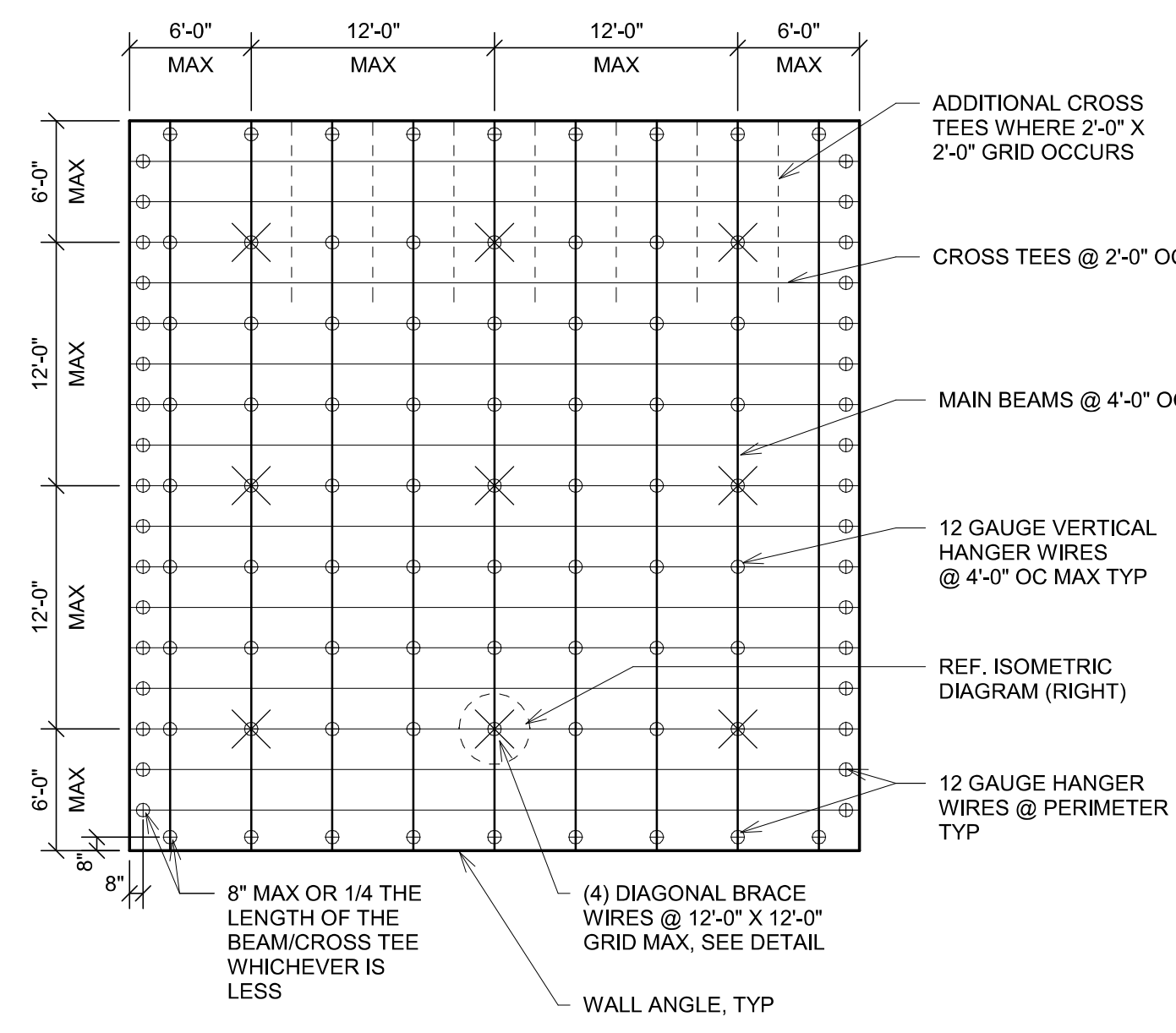
- COMPRESSION STRUTS SHALL NOT REPLACE HANGER WIRES.
- ATTACH COMPRESSION STRUTS TO MAIN BEAMS WITHIN 2" OF CROSS TEE.
- THE ATTACHMENT AT THE TOP SHALL BE CAPABLE OF SUPPORTING FOUR TIMES THE WEIGHT OF THE STRUT.

COMPRESSION STRUT
STEEL SECTION WITH L/R RATION OF 200 MAXIMUM. ATTACH TO MAIN RUNNERS WITH 1/4" M.B. AND TO STRUCTURE. COMPRESSION STRUT SHALL NOT REPLACE HANGER WIRE

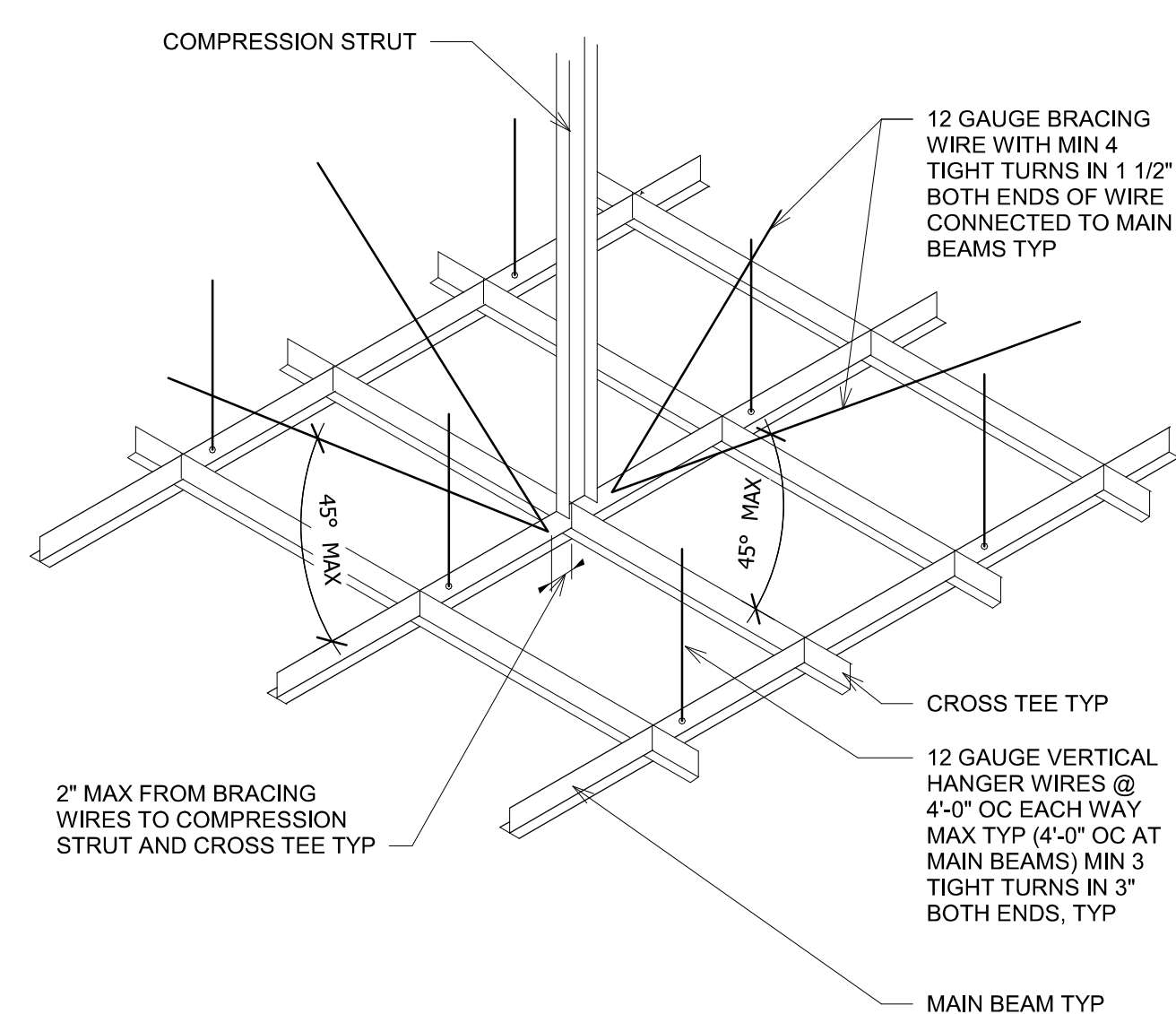
LENGTH	REQ	STRUT	R	SUPP.
1 1/4"	4'	0.24 IN	158IU20	0.410
			250IU20	0.399
			350IU20	0.382
6"		0.36 IN	400IU20	0.380
8'		0.48 IN	C3 5/8xC20	0.594
	10'	0.60 IN	C3 5/8xC20	0.594

* STUDS & PROPERTIES AS LISTED BY STEEL STUD MANUFACTURER'S ASSOCIATION

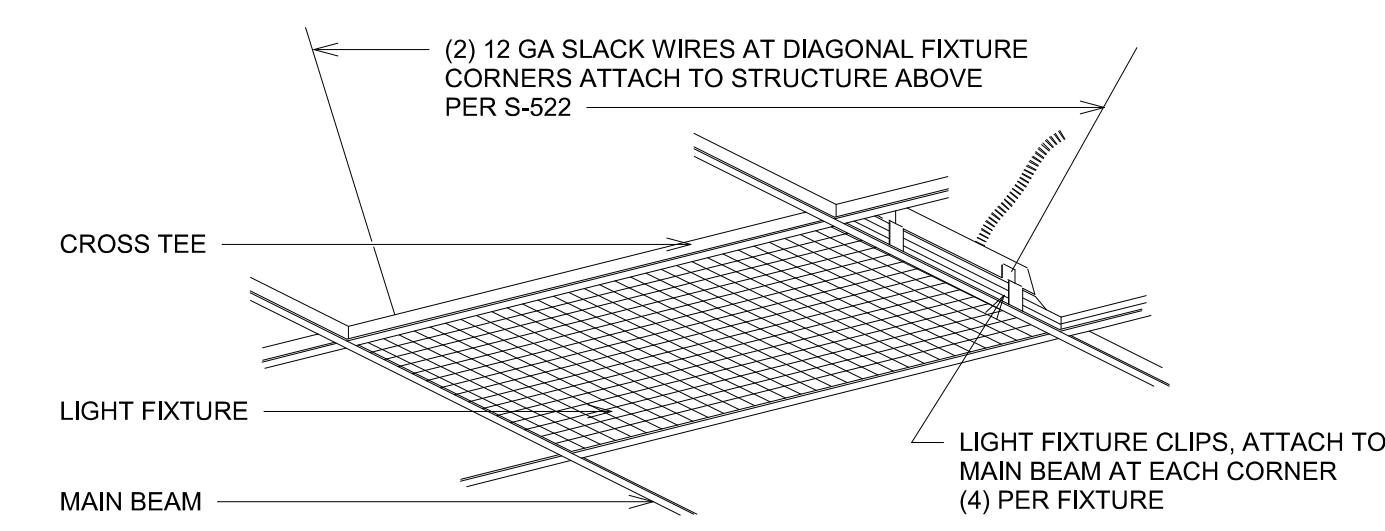
TYPICAL
12 GA. VERTICAL HANGAR WIRE @ 4'-0" EA. WAY W/ MIN. 3 TIGHT TURNS IN 1 1/2" BOTH ENDS OF WIRE



5 ACOUSTICAL CEILING SUSPENSION SYSTEM
A-501 SCALE : 1/8" = 1'-0"



ISOMETRIC
(NOT TO SCALE)

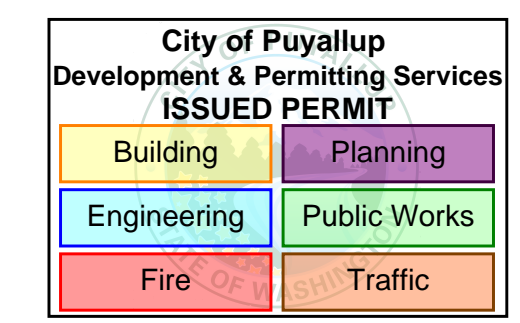


7 SEISMIC SUPPORT @ LIGHT FIXTURE
A-501 SCALE : 12" = 1'-0"

SUSPENDED CEILING NOTES:

NOTE: SEISMIC REQUIREMENTS FOR SUSPENDED CEILINGS. REFERENCE 2018 INTERNATIONAL BUILDING CODE SECTION 808. ACOUSTICAL TILE OR LAY-IN PANEL CEILINGS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ASTM C 635, C 636 AND ASTM E 580.

- A HEAVY DUTY T-BAR GRID SYSTEM SHALL BE USED.
- THE WIDTH OF THE PERIMETER CLOSURE ANGLE SHALL BE NOT LESS THAN 2". WHERE PERIMETER SUPPORTING CLIPS ARE USED, THEY SHALL BE QUALIFIED IN ACCORDANCE WITH APPROVED TEST CRITERIA. IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE.
- FOR CEILING AREAS EXCEEDING 1000 SQUARE FEET, HORIZONTAL RESTRAINT OF THE CEILING TO THE STRUCTURAL SYSTEM SHALL BE PROVIDED. THE TRIBUTARY AREAS OF THE HORIZONTAL RESTRAINTS SHALL BE APPROXIMATELY EQUAL. RIGID BRACES ARE PERMITTED TO BE USED INSTEAD OF DIAGONAL SPLAY WIRES. BRACES AND ATTACHMENTS TO THE STRUCTURAL SYSTEM ABOVE SHALL BE ADEQUATE TO LIMIT RELATIVE LATERAL DEFLECTIONS AT POINT OF ATTACHMENT OF CEILING GRID TO LESS THAN 1/4" FOR THE LOADS PRESCRIBED IN ASCE 7-10 SECTION 13.3.1
- FOR CEILING AREAS EXCEEDING 2500 SQUARE FEET, A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING UP INTO AREAS NOT EXCEEDING 2500 SQUARE FEET, EACH WITH A RATIO OF THE LONG TO SHORT DIMENSION LESS THAN OR EQUAL TO 4, SHALL BE PROVIDED UNLESS STRUCTURAL ANALYSES ARE PERFORMED OF THE CEILING BRACING SYSTEM FOR THE PRESCRIBED SEISMIC FORCES THAT DEMONSTRATE CEILING SYSTEM PENETRATIONS AND CLOSURE ANGLES PROVIDE SUFFICIENT CLEARANCE TO ACCOMMODATE THE ANTICIPATED LATERAL DISPLACEMENT. EACH AREA SHALL BE PROVIDED WITH CLOSURE ANGLES OR CHANNELS IN ACCORDANCE WITH ITEM B AND HORIZONTAL RESTRAINTS OR BRACING.
- PENETRATIONS IN SUSPENDED CEILINGS SHALL HAVE A 2" OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS.
- CHANGES IN CEILING PLAN ELEVATION SHALL BE PROVIDED WITH POSITIVE BRACING.
- CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING.
- SUSPENDED CEILINGS SHALL BE SUBJECT TO THE SPECIAL INSPECTION REQUIREMENTS OF ASCE 7-16 SECTION 11A.1.3.9 WHICH REQUIRE PERIODIC SPECIAL INSPECTIONS DURING THE ANCHORAGE OF SUSPENDED CEILINGS.



REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW

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PUYALLUP, WA 98374

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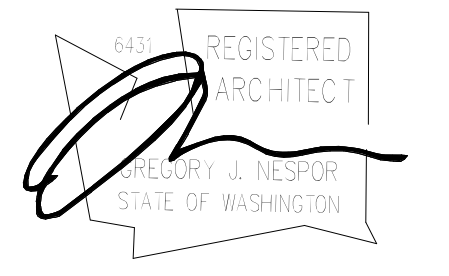
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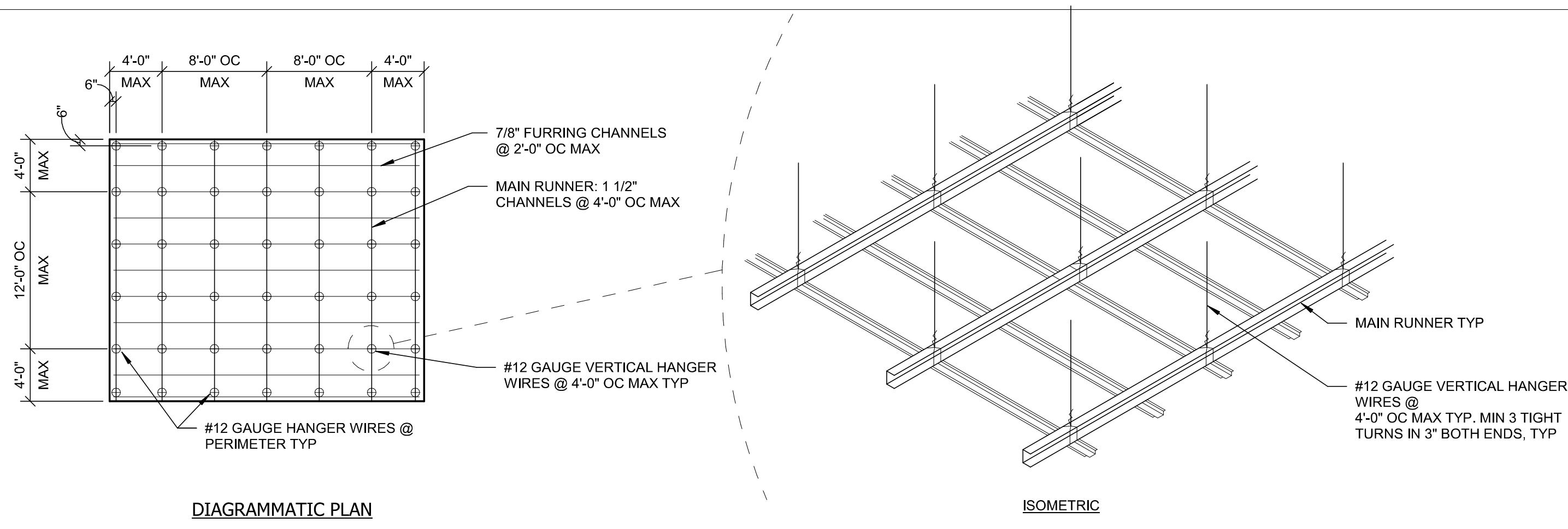
KEY PLAN

SHEET TITLE

SEISMIC CEILING DETAILS

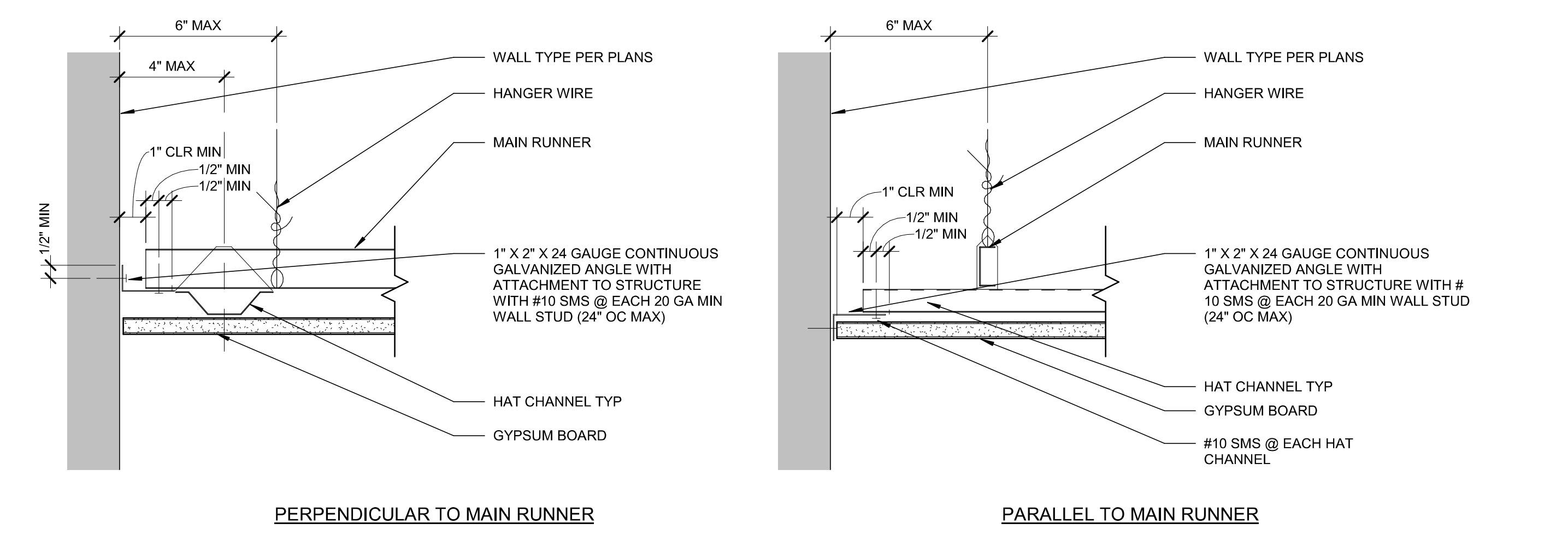
SHEET NUMBER

A-501
PRCT120230098



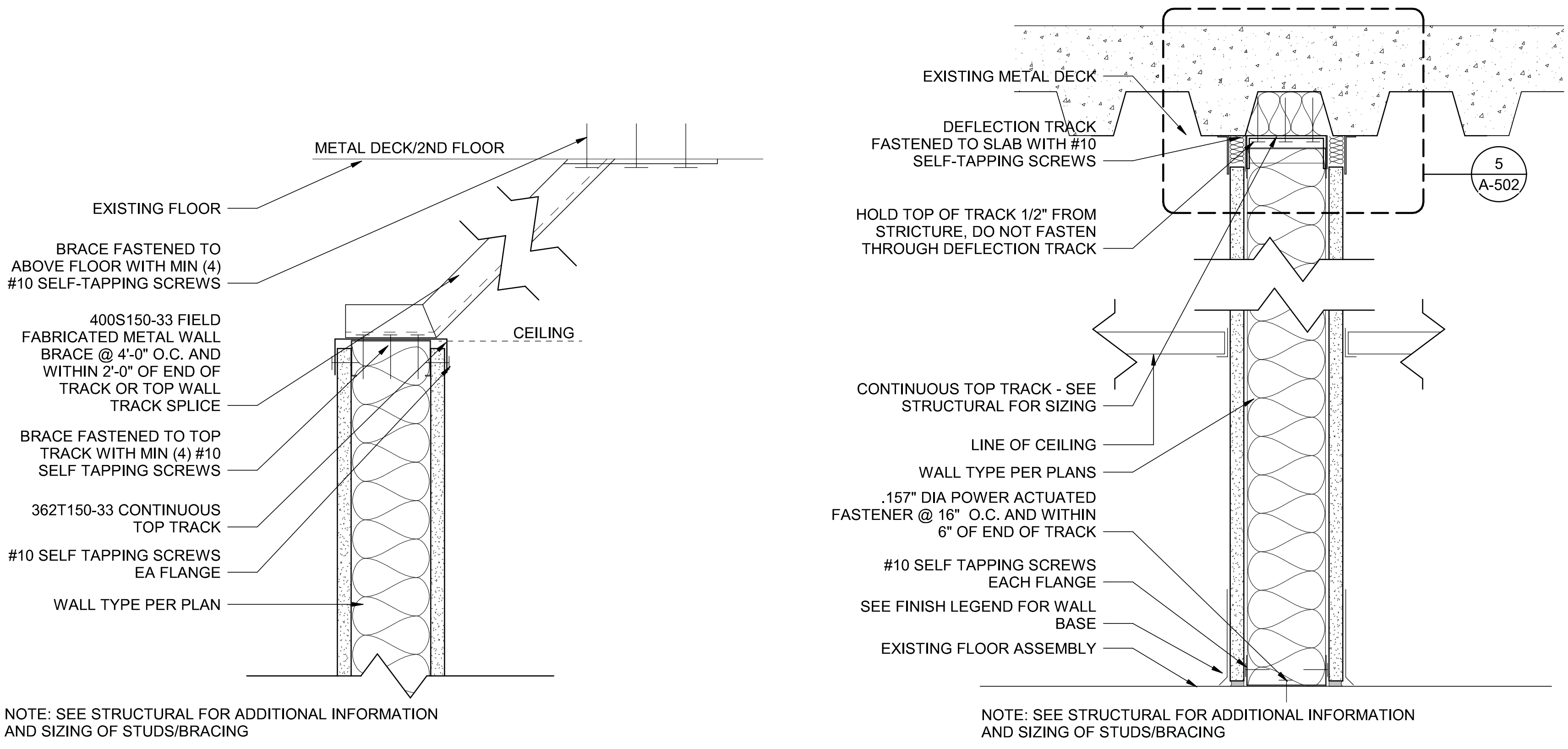
1 GYPSUM BOARD CEILING SUSPENDED SYSTEM

A-502 SCALE : 1/8" = 1'-0"



2 GYPSUM CEILING PERIMETER (ATTACHED WALL)

A-502 SCALE : 3" = 1'-0"

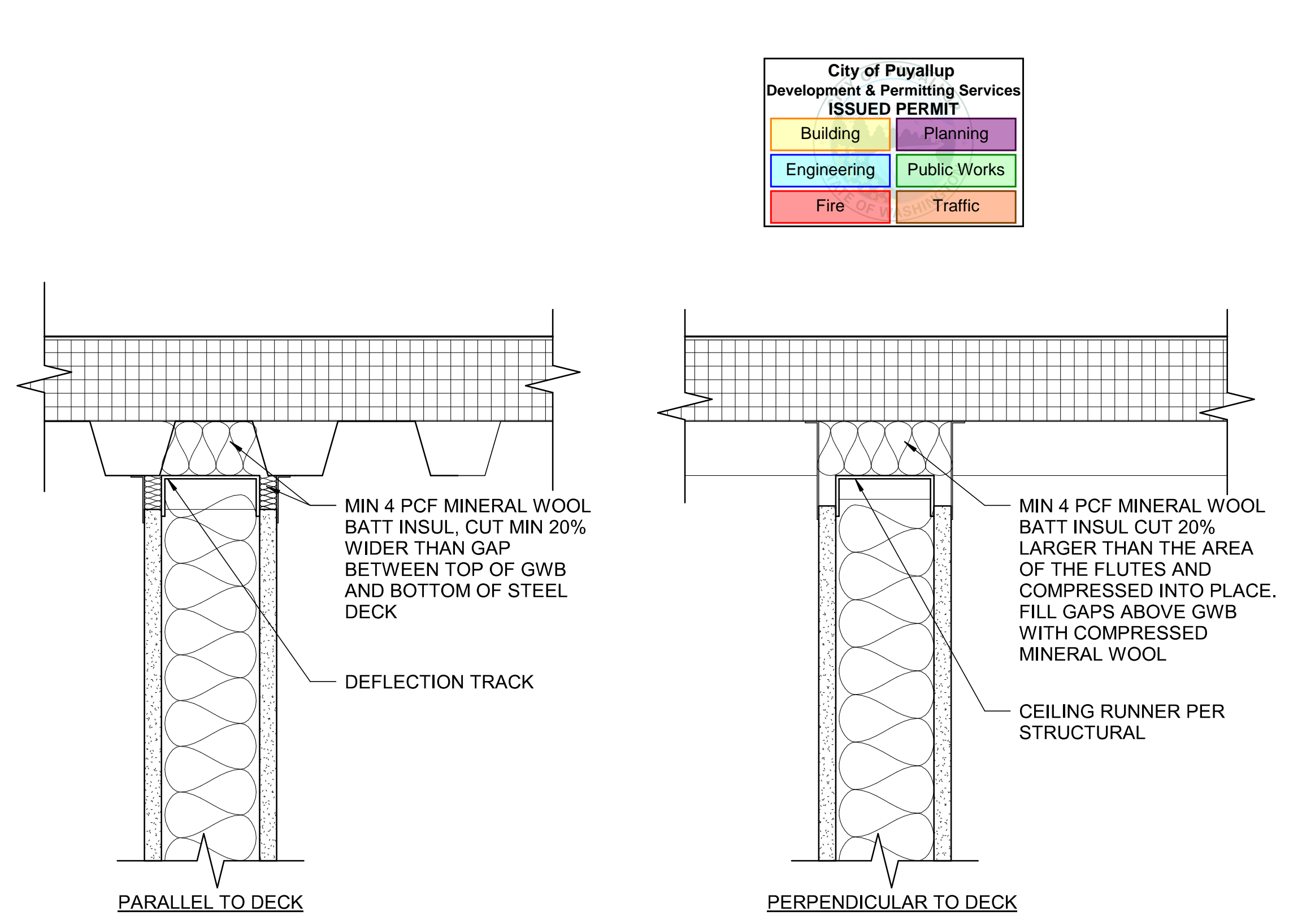


3 BRACING DETAIL @ PARTIAL HEIGHT WALLS

A-502 SCALE : 3" = 1'-0"

4 TYPICAL FRAMING DETAIL

A-502 SCALE : 3" = 1'-0"



5 FIRE RATED PARTITION HEAD

A-502 SCALE : 3" = 1'-0"

**SUSPENDED GYPSUM BOARD NOTES:
GYPSUM BOARD CEILING SUSPENSION CONVENTIONAL CONSTRUCTION - ONE LAYER**

GENERAL

GYPSUM BOARD SUSPENDED CEILING SYSTEMS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH PROVISIONS OF THE IBC 2018 EDITION AND INTERPRETATIONS MAY BE USED AS ADDITIONAL GUIDELINES

1. MATERIALS:

MATERIALS SHALL COMPLY WITH APPLICABLE IBC, ICC AND ASTM STANDARDS. GYPSUM BOARD IS EITHER ONE LAYER OF 1/2" OR 5/8" IN THICKNESS.

2. DESIGN:

THESE REQUIREMENTS SHALL ONLY APPLY TO A CEILING THAT IS NOT ACCESSIBLE, HAS A SINGLE LAYER OF GYPSUM BOARD NOT EXCEEDING 5/8" IN THICKNESS, AND HAS A TOTAL CEILING WEIGHT NOT TO EXCEED 4 POUNDS PER SQUARE FOOT (PSF). ACCESSIBLE CEILINGS SHALL BE DESIGNED TO MEET THE APPLICABLE REQUIREMENTS OF THE SBC 2012 EDITION.

3. DETAILS ON CONSTRUCTION:

3.1 GENERAL: GYPSUM BOARD CEILINGS SHALL NOT SUPPORT BUILDING COMPONENTS OTHER THAN HVAC DIFFUSERS OR LIGHT FIXTURES.

3.2 VERTICAL SUPPORT SYSTEM: ANY VARIATIONS OF MAIN RUNNER SIZES, SPACING AND SPANS LISTED IN ASTM C754 ARE ACCEPTABLE PROVIDED THE MAIN RUNNER SPACING DOES NOT EXCEED 4'-0" OC AND THE CEILING AREA SUPPORTED BY A HANGER WIRE DOES NOT EXCEED 16 SQUARE FEET. OTHER COMPONENTS SHALL MEET OR EXCEED THE FOLLOWING:

3.2.1 MAIN RUNNERS SHALL BE SPACED NO MORE THAN 4'-0" OC WITH HANGER WIRE SPACING NOT TO EXCEED 4'-0" OC AND NO MORE THAN 6" FROM EACH END OF THE MAIN RUNNER.

3.2.2 VERTICAL WIRE HANGERS SHALL BE #12 GAUGE AND GALVANIZED, SOFT-ANNEALED STEEL.

3.2.3 CROSS FURRING SHALL BE 7/8" GALVANIZED STEEL HAT SECTIONS, DESIGNATED 087F125-18, AT 2'-0" OC MAXIMUM.

3.3 CONNECTING HANGER WIRES, STEEL FRAMING AND FURRING:

3.3.1 HANGER WIRES SHALL BE SADDLE-TIED TO THE MAIN RUNNERS.

3.3.2 CROSS FURRING SHALL BE SADDLE-TIED TO THE MAIN RUNNERS WITH ONE STRAND OF #16 GAUGE OR TWO STRANDS OF #18 GAUGE TIE WIRE.

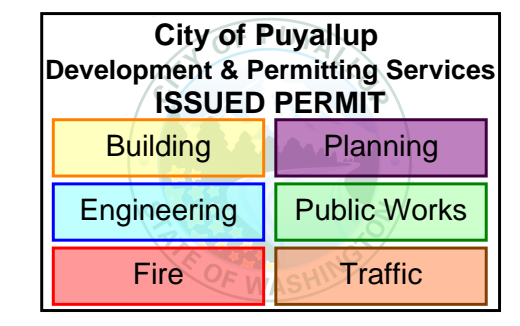
3.3.3 MAIN RUNNERS SHALL BE SPLICED BY LAPPING AND INTERLOCKING FLANGES AND TYING NEAR EACH END WITH DOUBLE LOOPS OF #16 GAUGE WIRE. THE LAP SHALL BE 12" IN LENGTH MINIMUM.

3.3.4 CROSS FURRING SHALL BE SPLICED BY LAPPING AND INTERLOCKING THE PIECES AND TYING NEAR EACH END WITH DOUBLE LOOPS OF #16 GAUGE WIRE. THE LAP SHALL BE 8" IN LENGTH MINIMUM.

4. LIGHT FIXTURES AND MECHANICAL SERVICES:

4.1 ALL RECESSED OR DROP-IN LIGHT FIXTURES, AS WELL AS CEILING-MOUNTED MECHANICAL AIR TERMINALS AND SERVICES, SHALL BE SUPPORTED DIRECTLY BY THE MAIN RUNNERS OR BY SUPPLEMENTAL FRAMING WHICH IS SUPPORTED BY THE MAIN RUNNERS AND POSITIVELY ATTACHED WITH SCREWS OR OTHER APPROVED CONNECTORS.

4.2 SURFACE-MOUNTED FIXTURES SHALL BE ATTACHED TO A MAIN RUNNER WITH A POSITIVE CLAMPING DEVICE MADE OF MATERIAL WITH A MINIMUM OF #14 GAUGE. ROTATIONAL SPRING CLAMPS DO NOT COMPLY.



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PROJECT



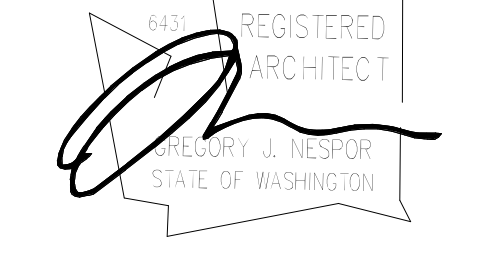
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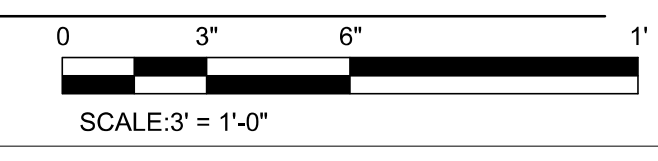
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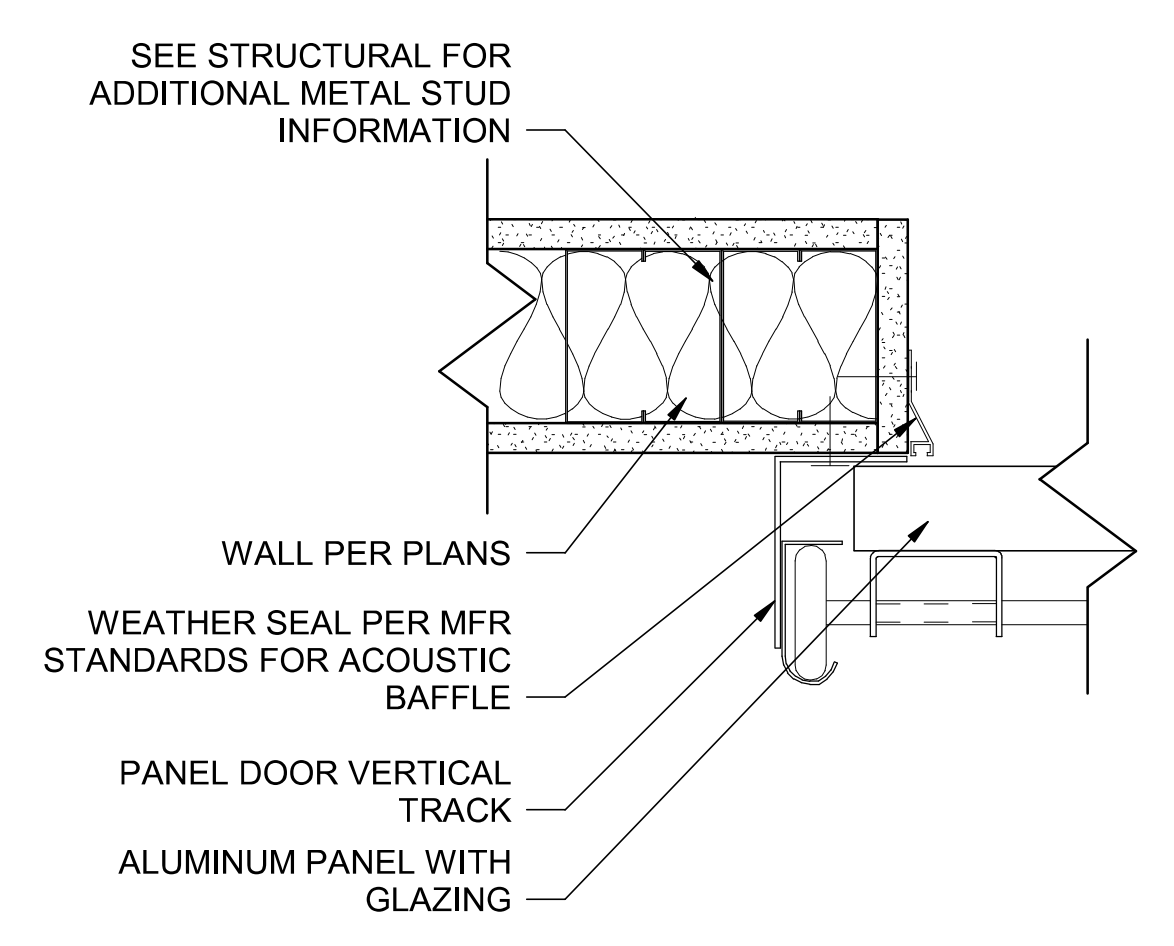
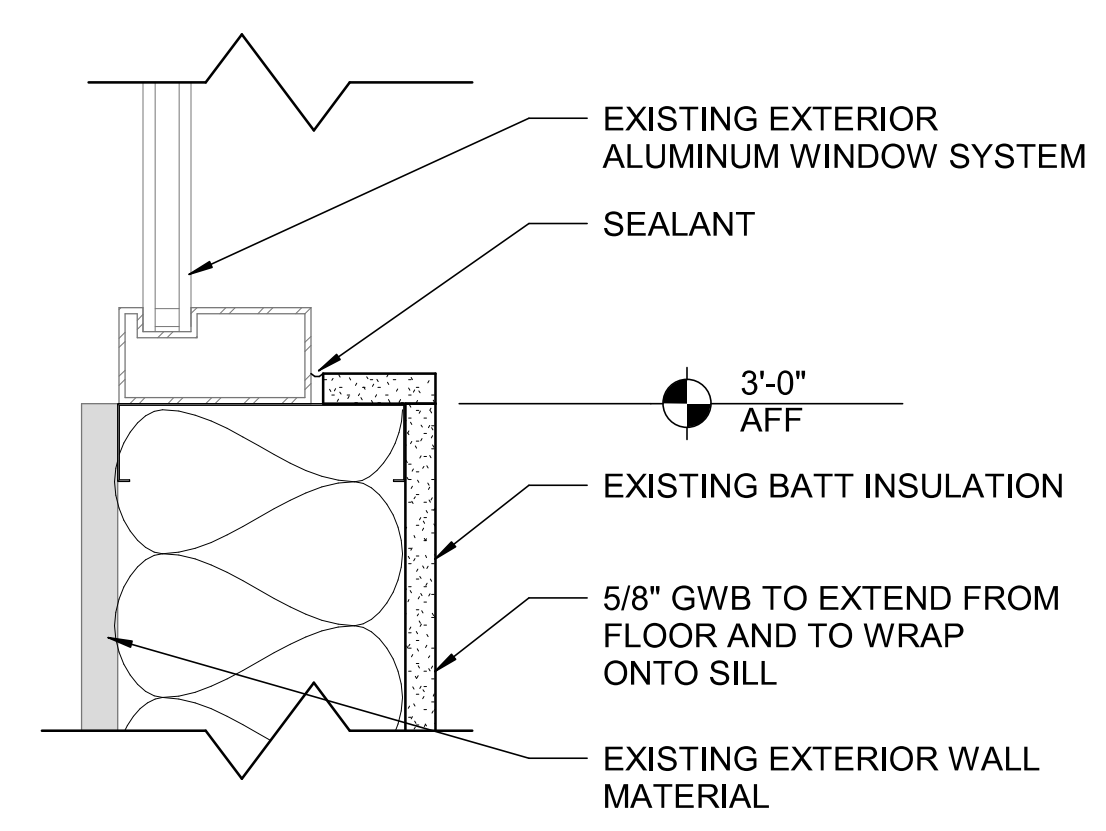
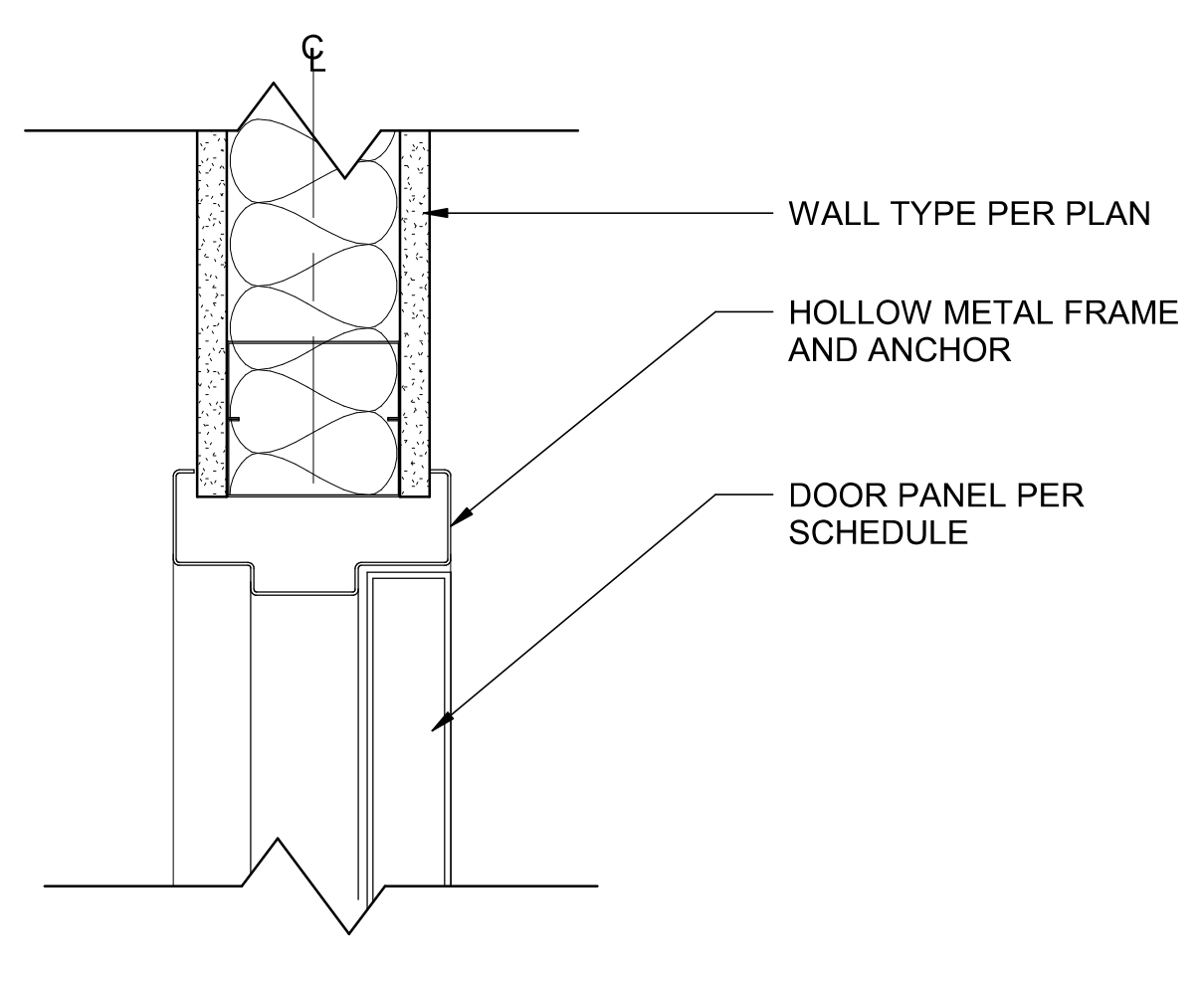
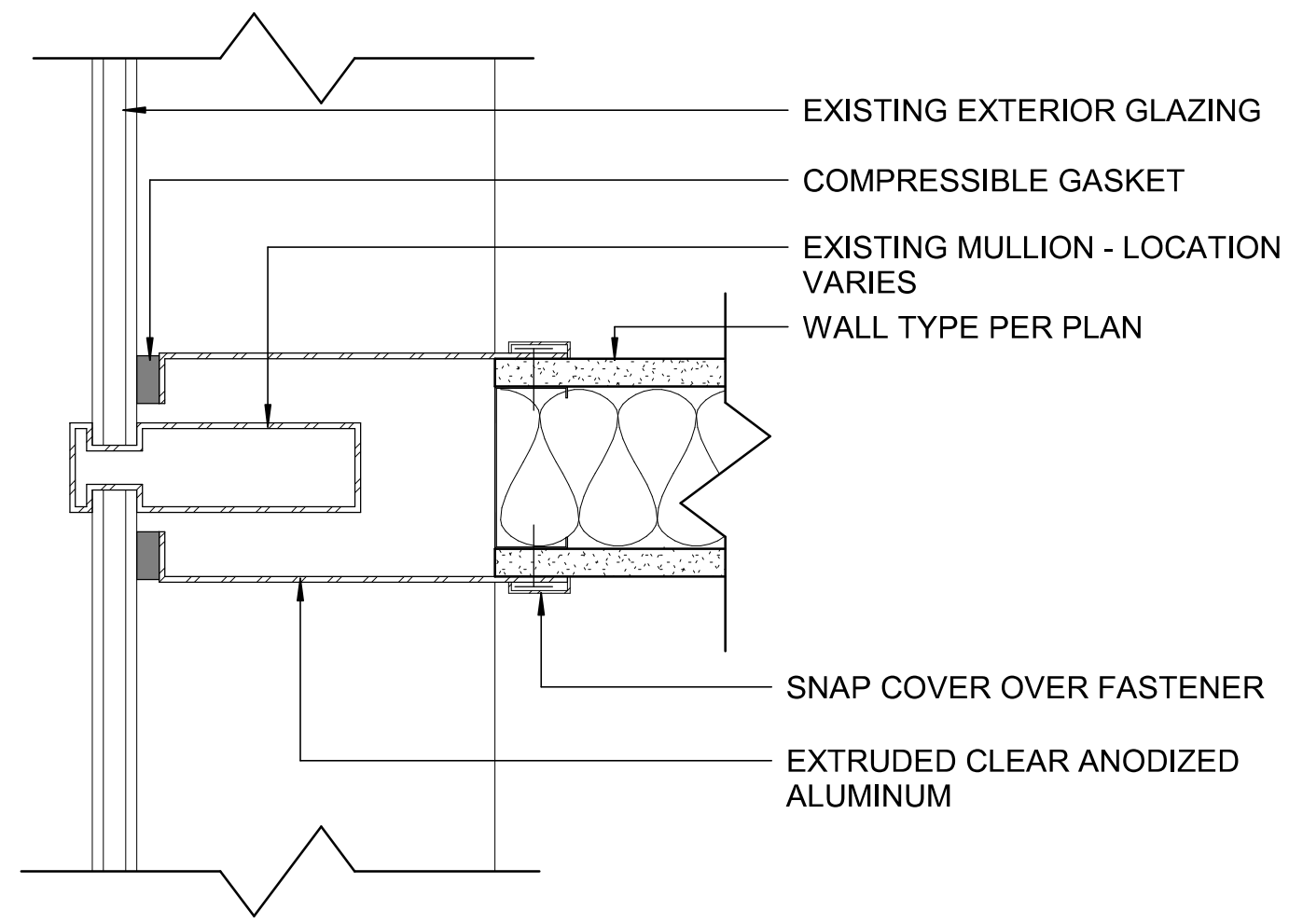
SEISMIC CEILING DETAILS

SHEET NUMBER

A-502

PRCT120230098



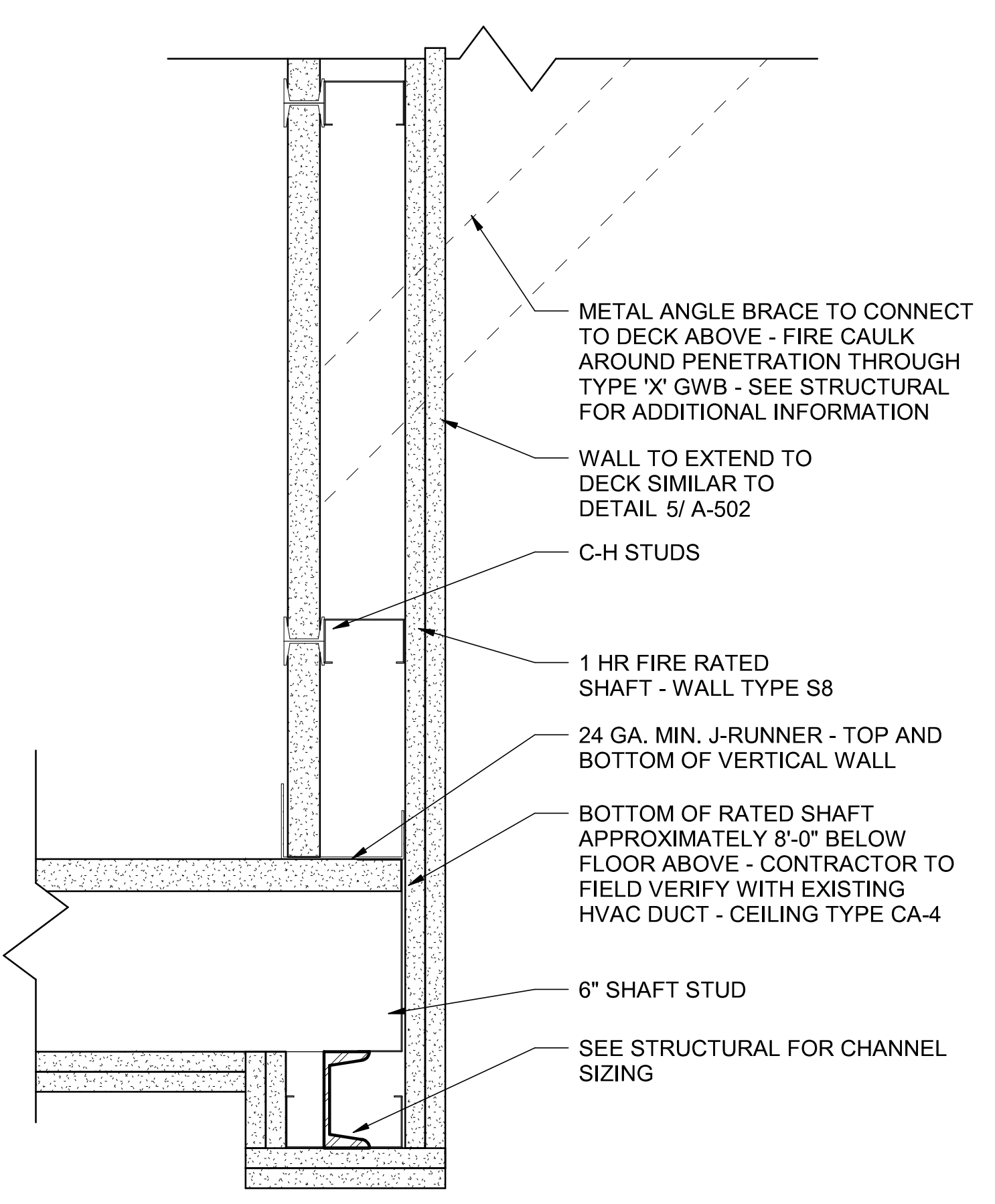


1 WALL JUNCTION @ MULLION
A-503/ SCALE : 3" = 1'-0"

2 HEAD/JAMB - HM DOOR @ STUD WALL
A-503/ SCALE : 3" = 1'-0"

3 SILL @ EXISTING EXTERIOR WALL
A-503/ SCALE : 3" = 1'-0"

4 ROLL-UP DOOR JAMB
A-503/ SCALE : 3" = 1'-0"



NOTE: SHAFT MUST MEET A 1-HOUR RATING CONTINUOUSLY FROM DECK ABOVE TO BOTTOM OF SHAFT - SEE MECHANICAL SHEET TM2.02 FOR ADDITIONAL INFORMATION REGARDING MINIMUM CLEAR MECHANICAL SHAFT REQUIREMENTS

5 RATED SHAFT @ HVAC DUCT
A-503/ SCALE : 3" = 1'-0"

DESIGNER

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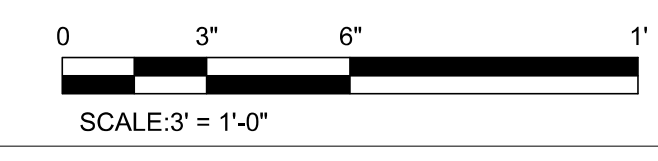
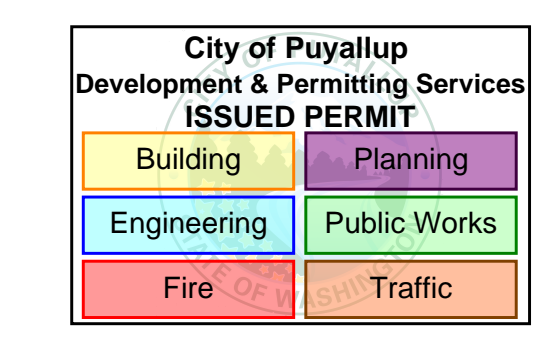
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DETAILS

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A-503

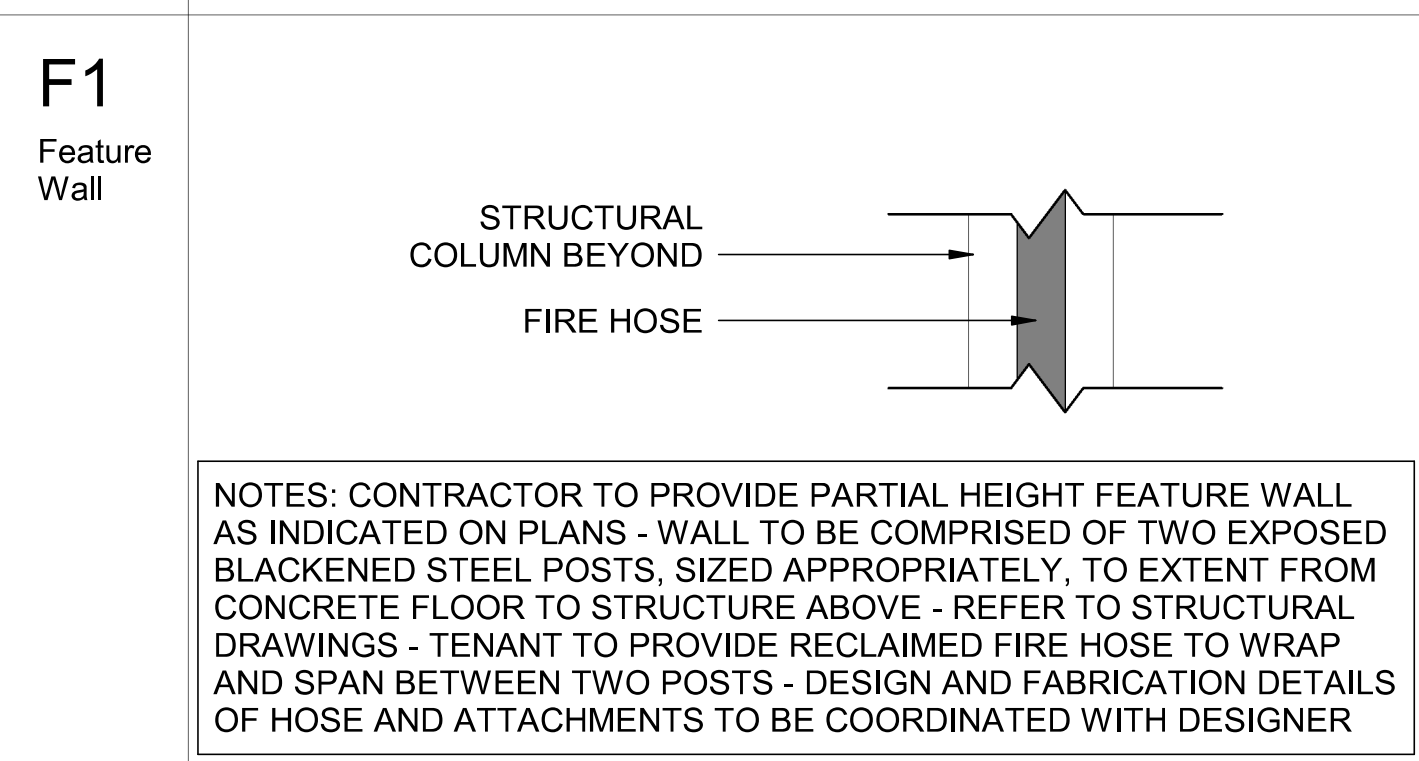
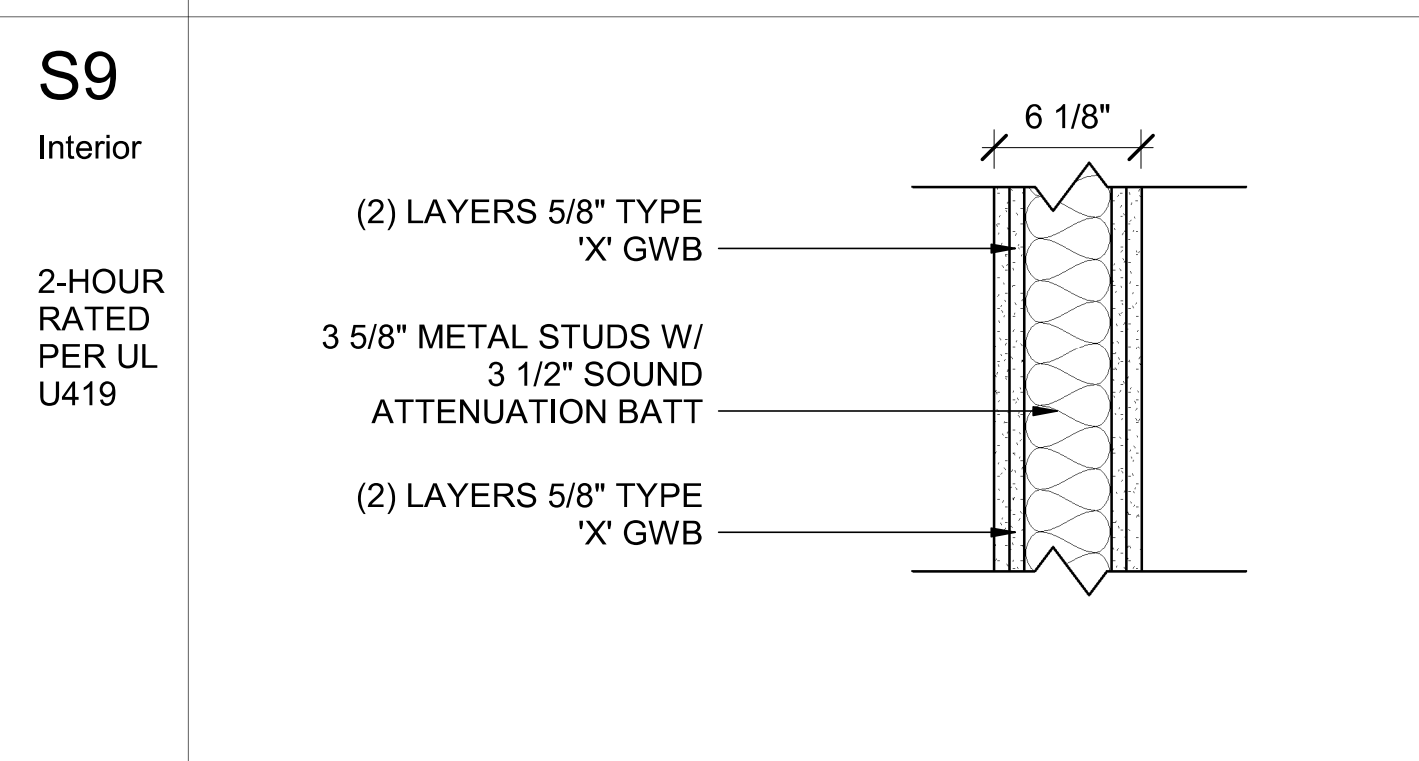
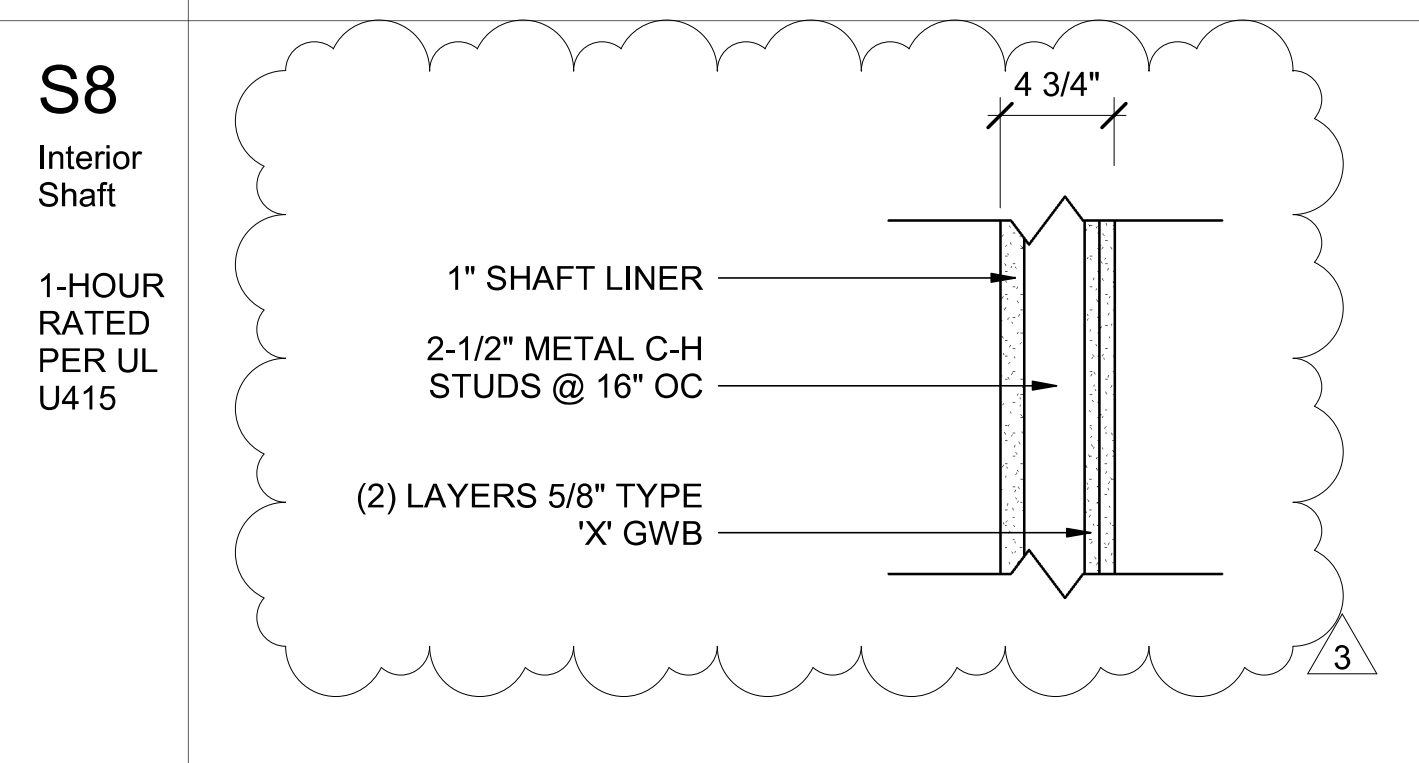
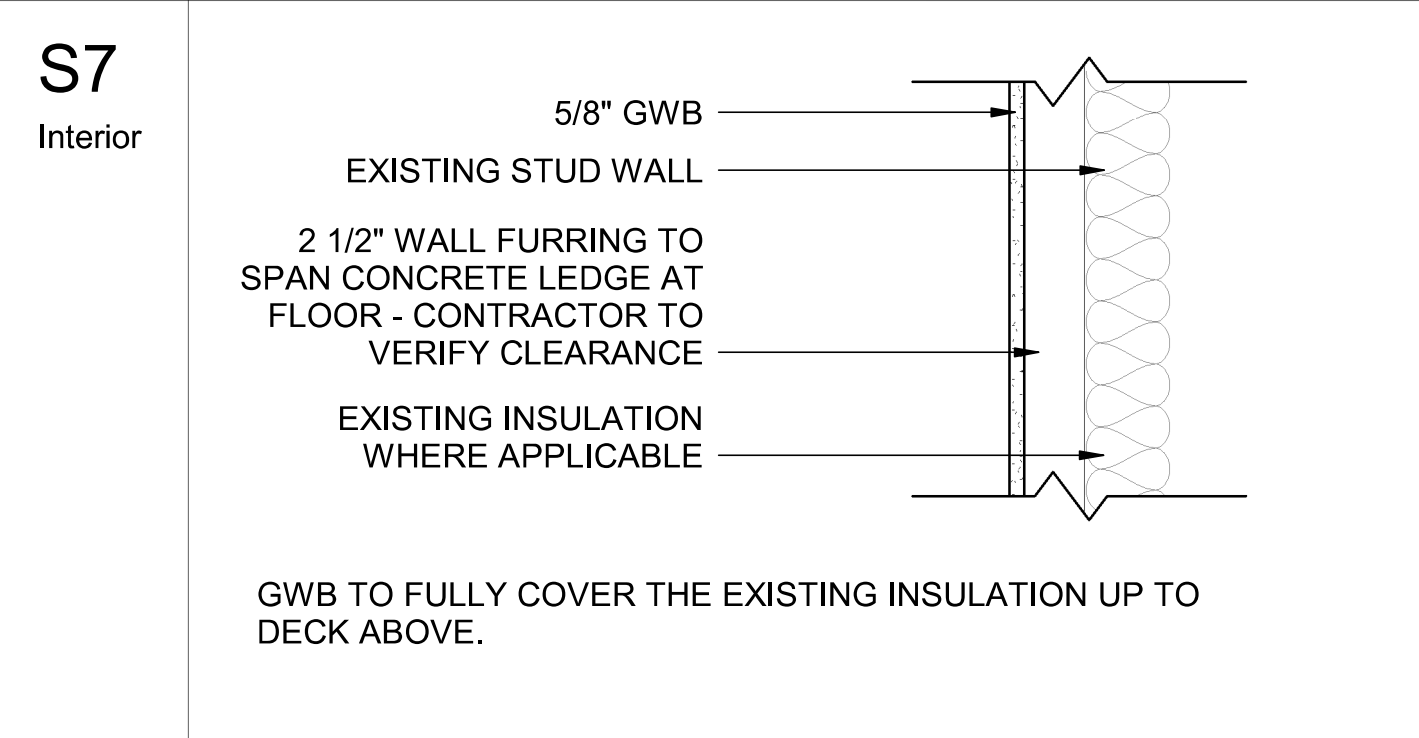
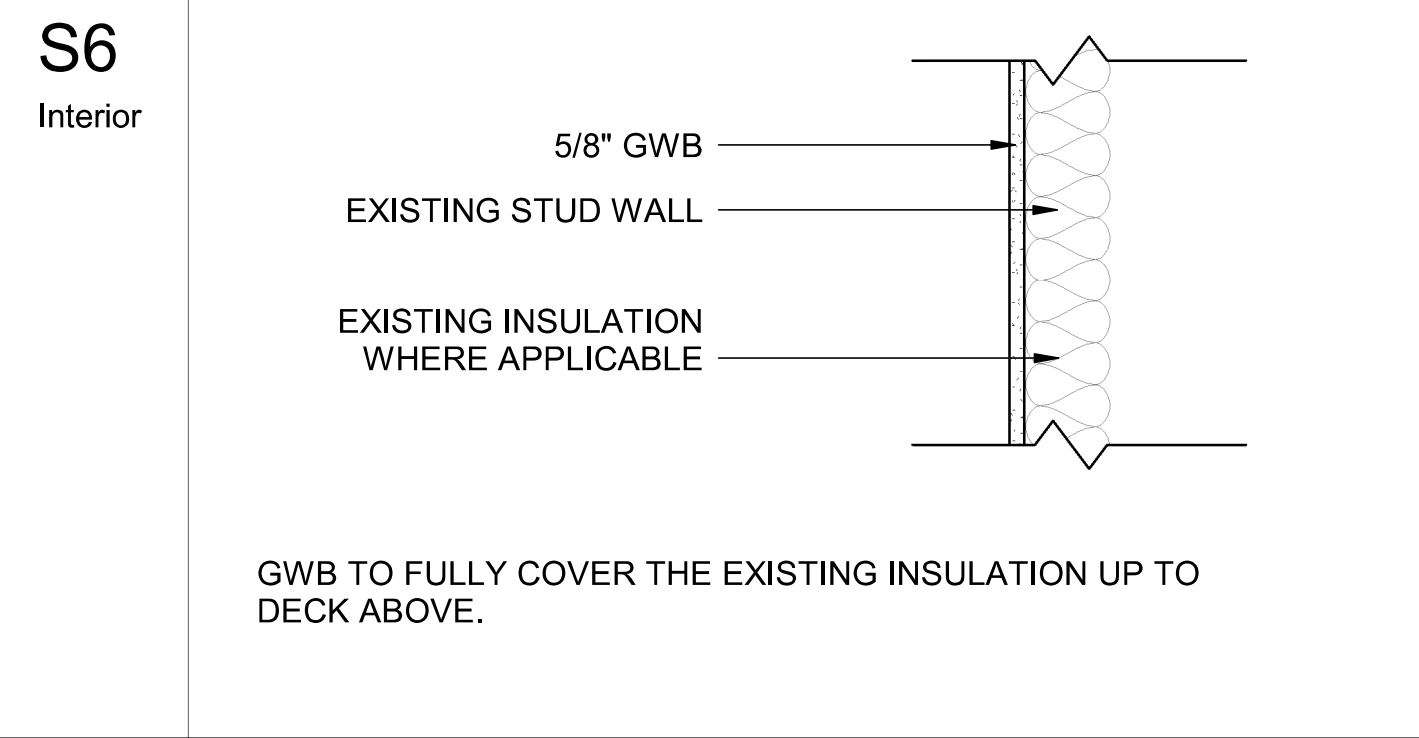
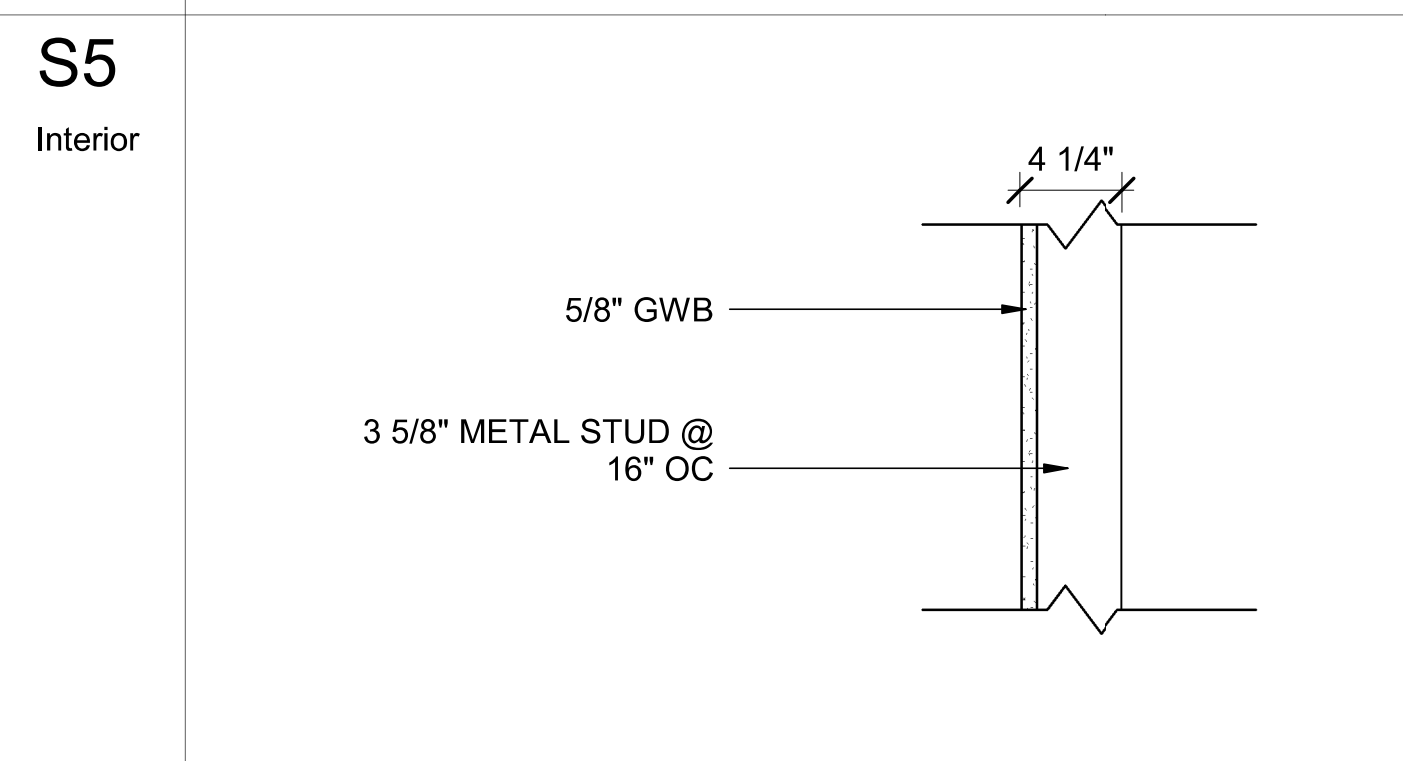
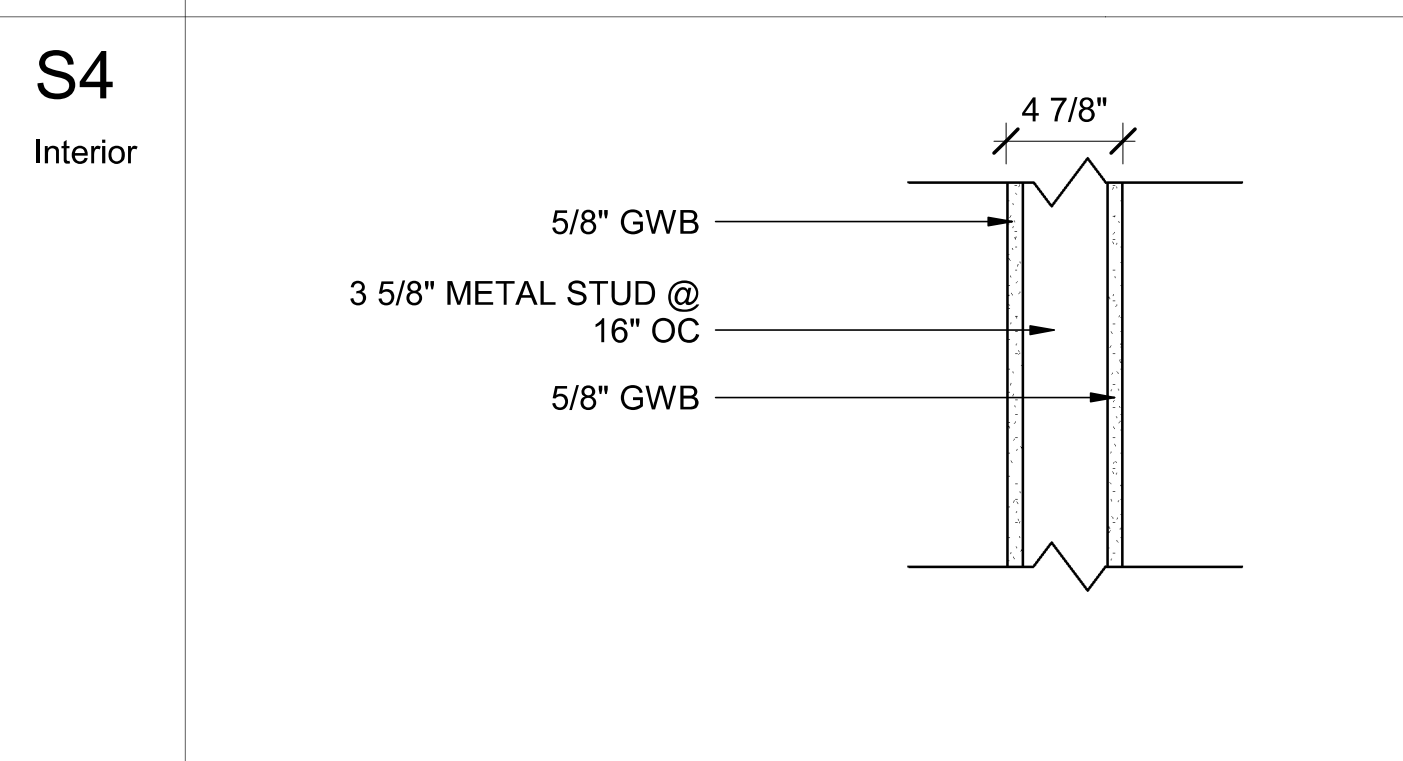
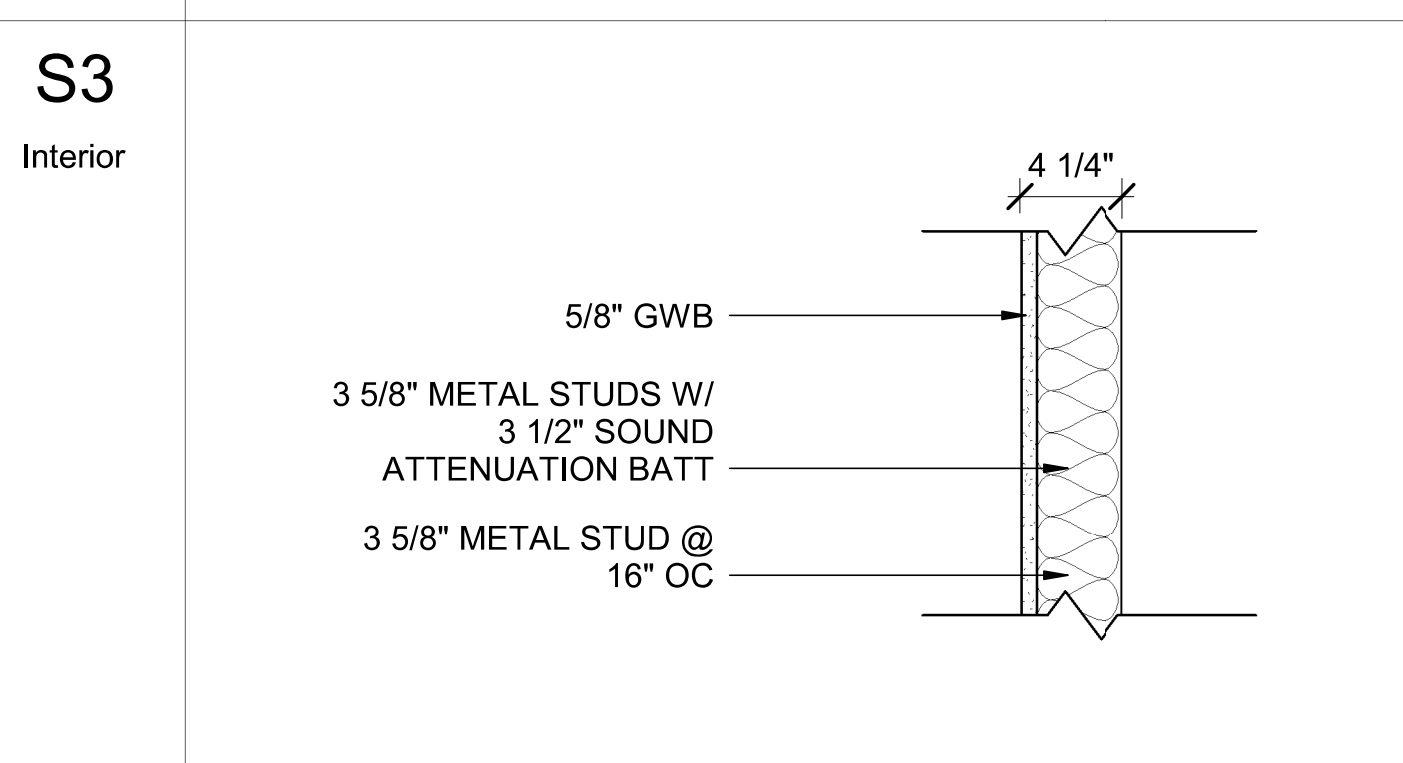
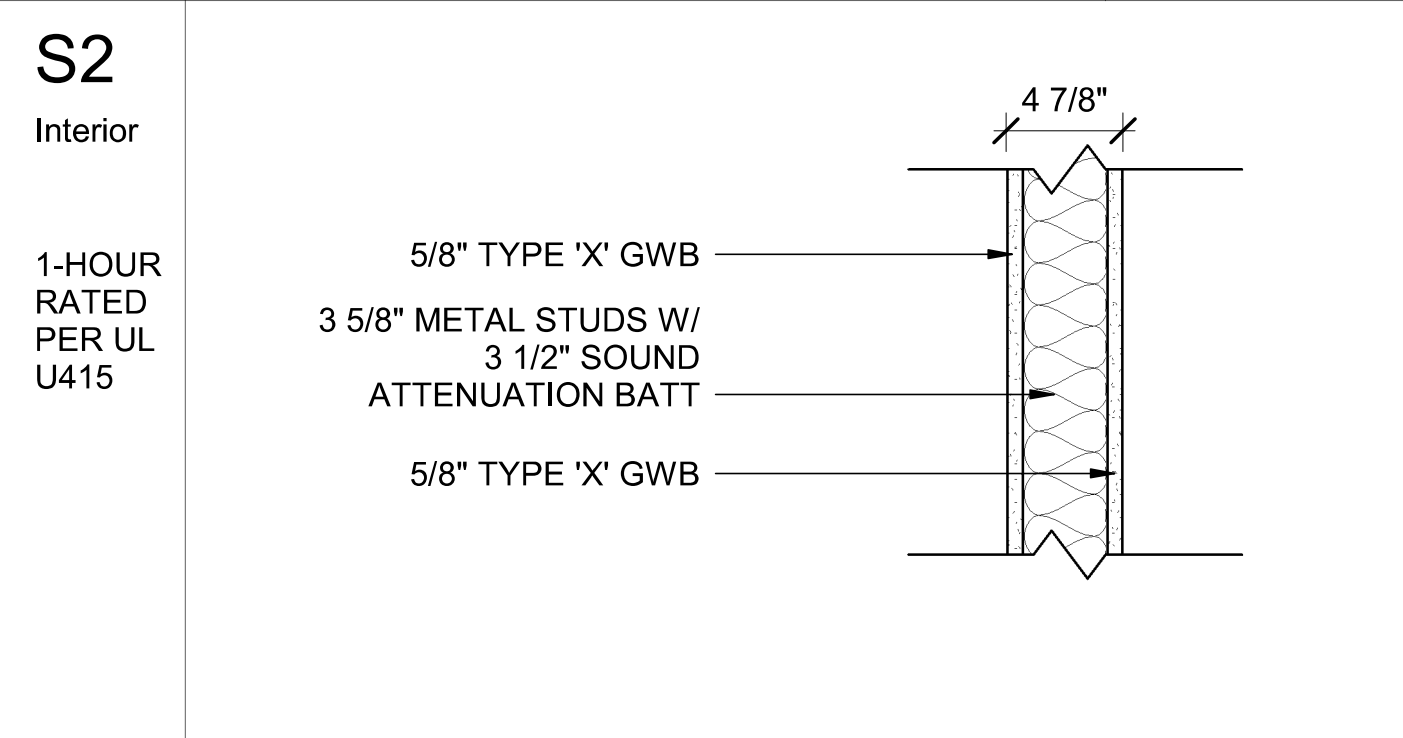
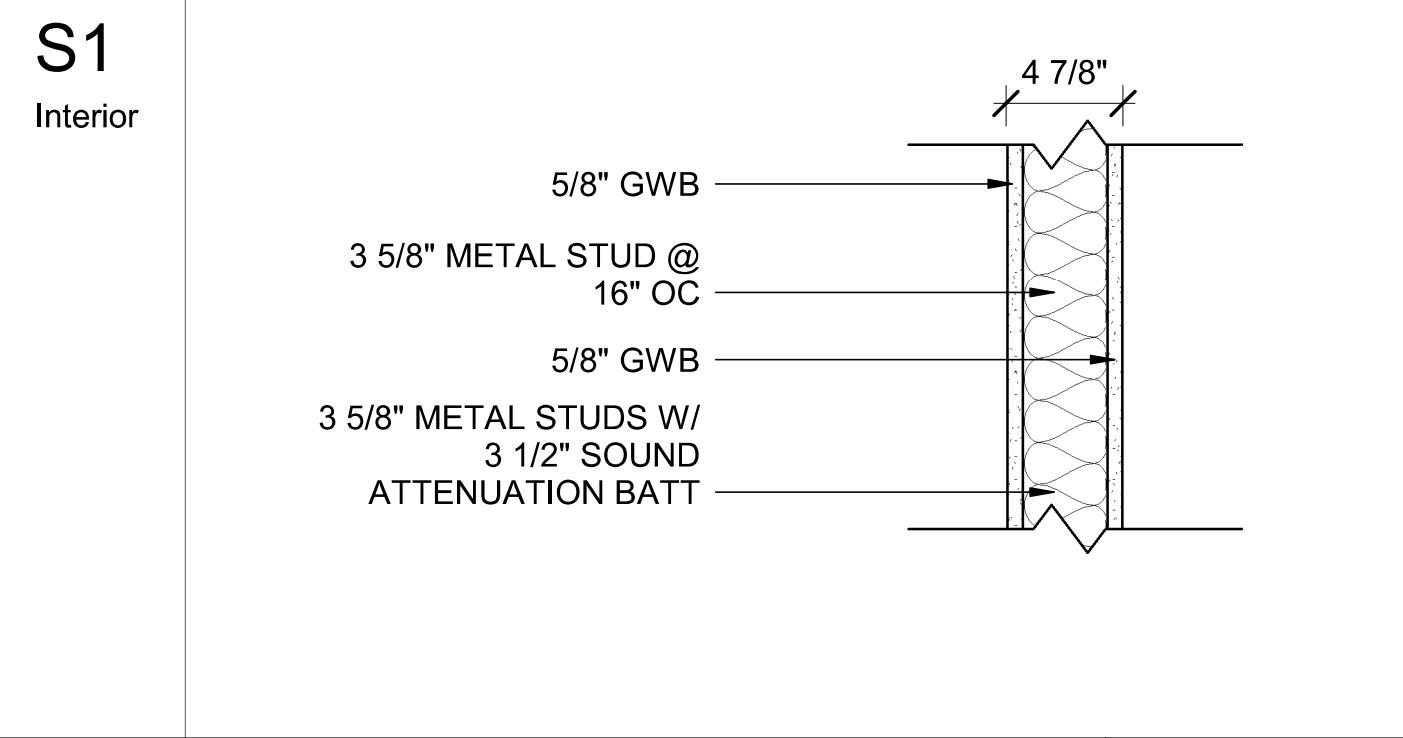
PRCT120230098



SCALE: 3" = 1'-0"

DWG: 12/20/23

WALL TYPES LEGEND



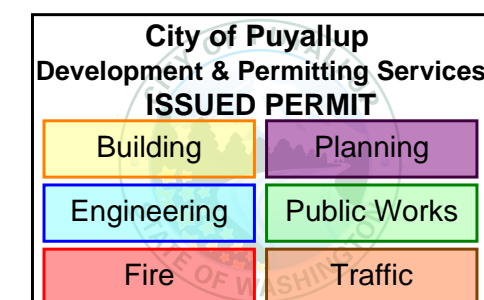
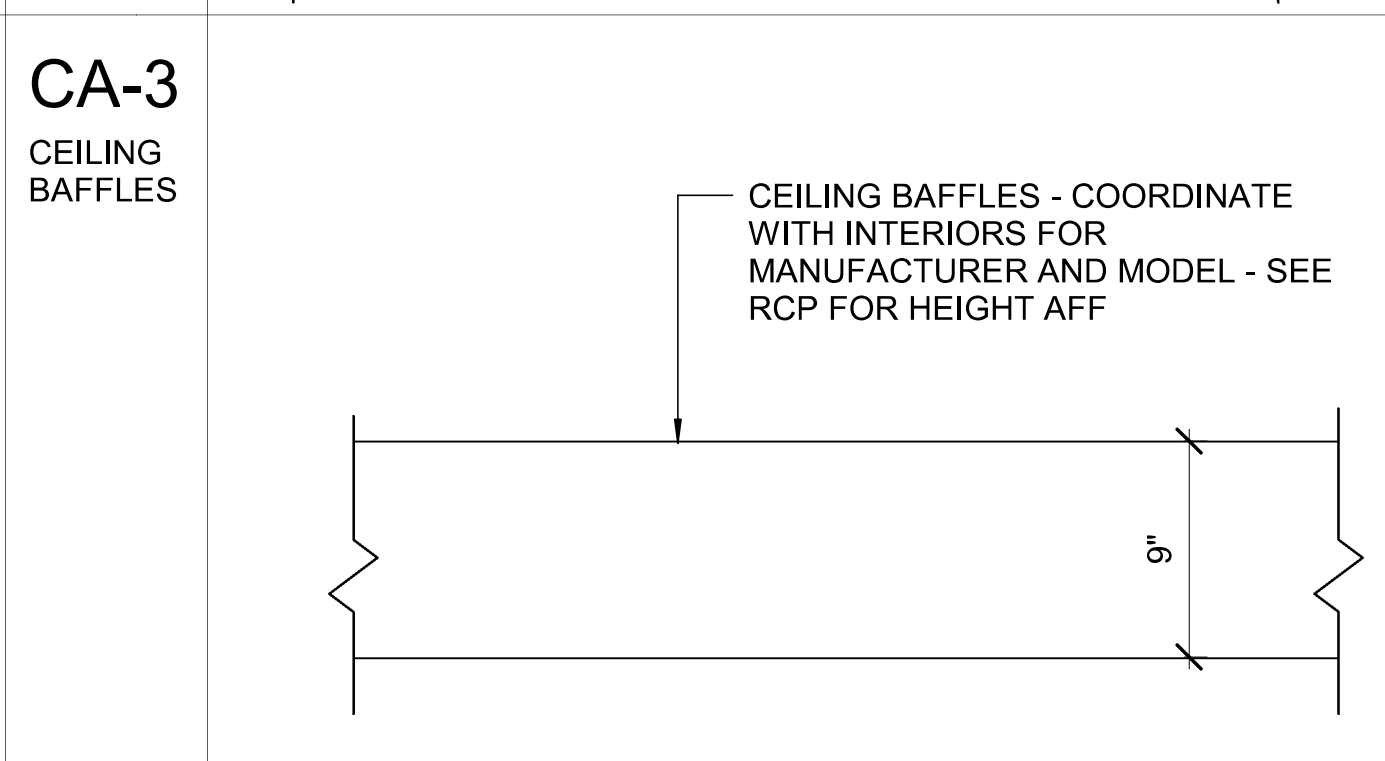
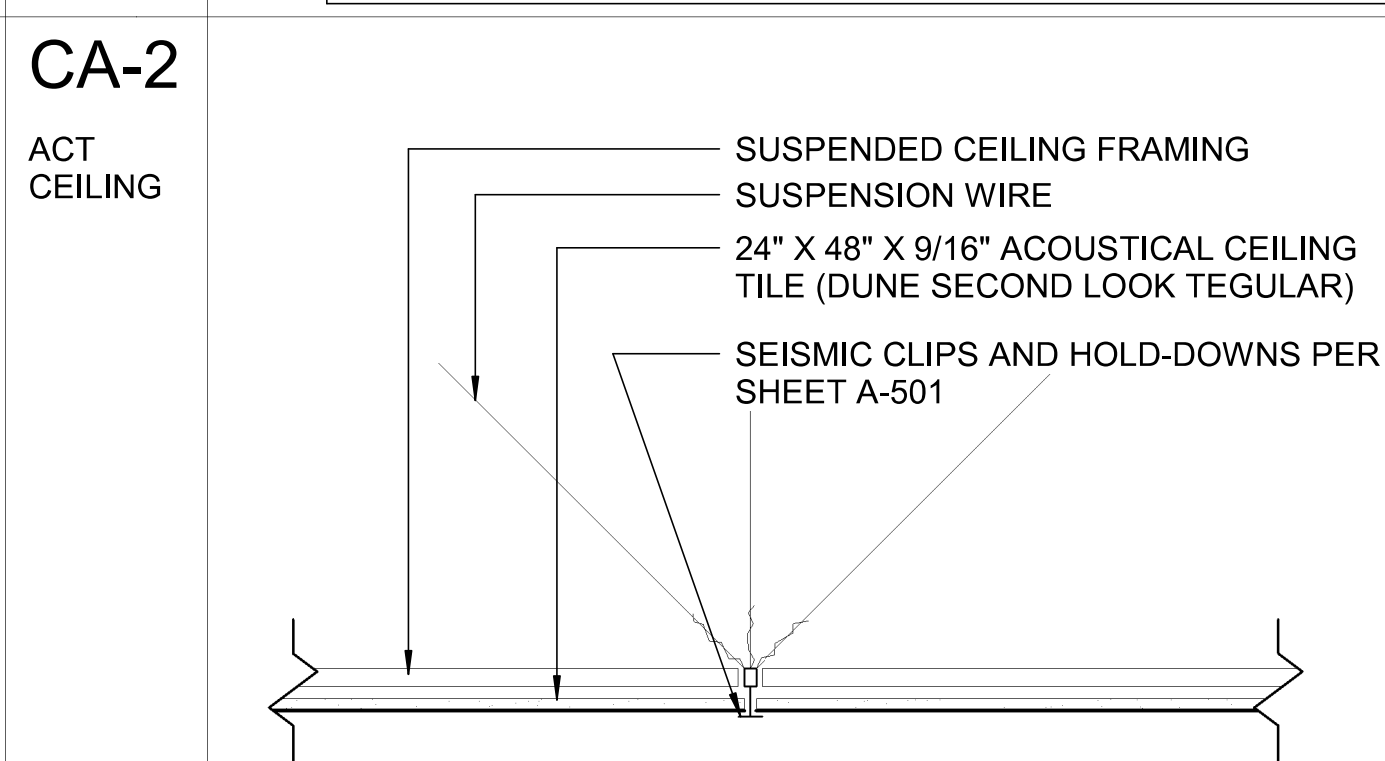
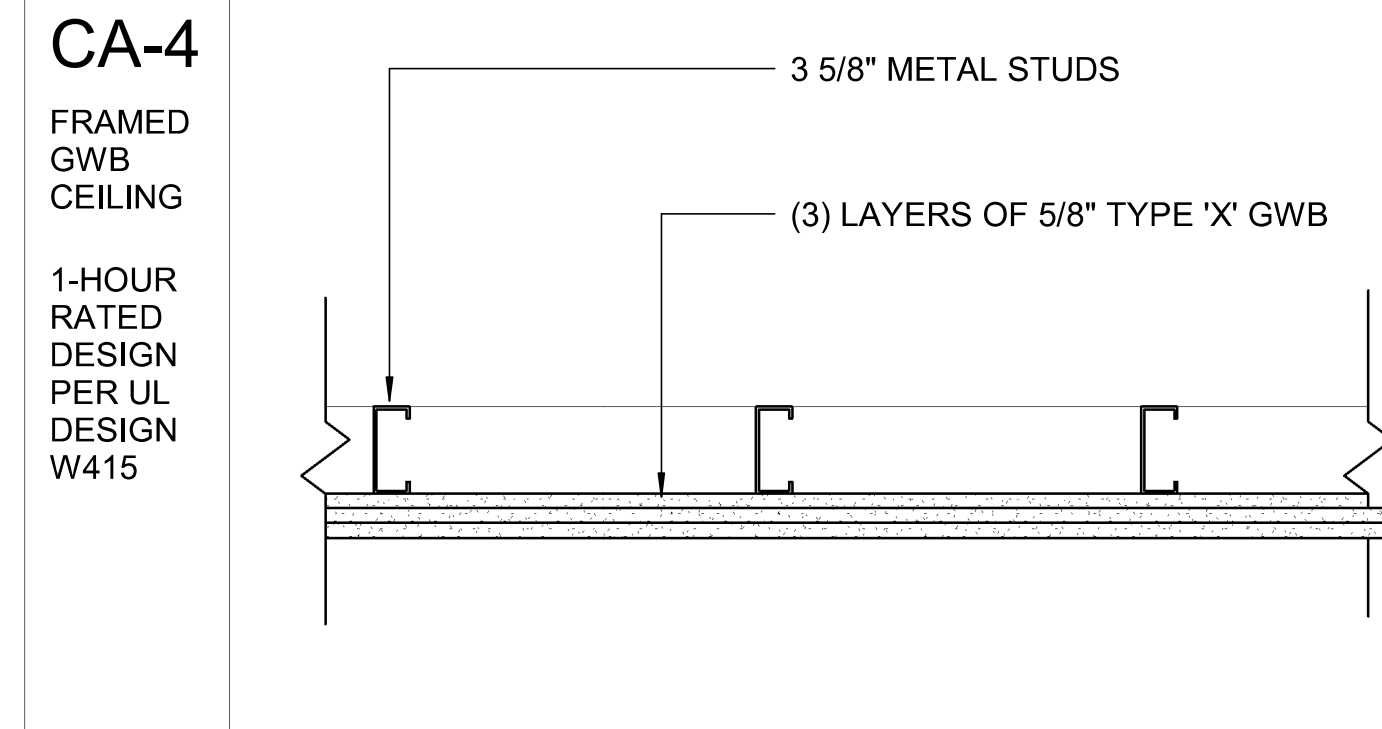
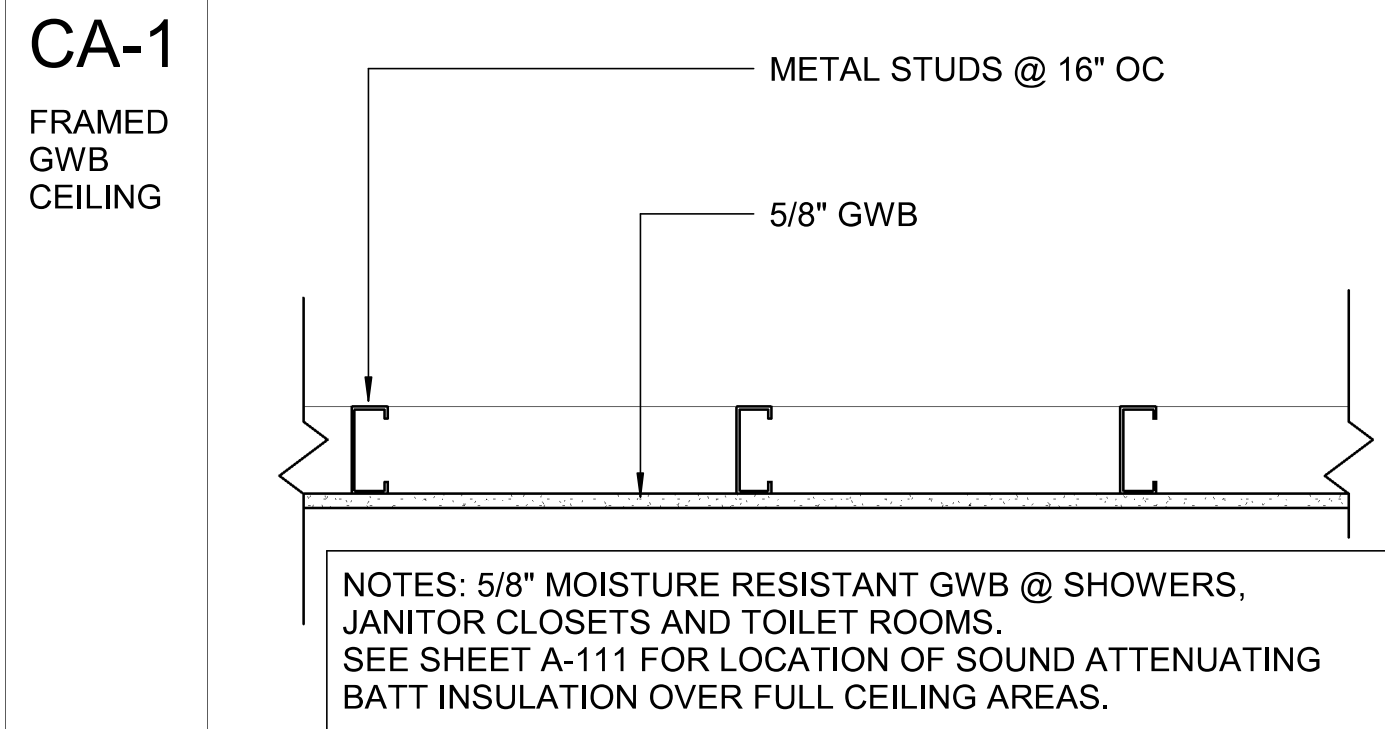
GENERAL NOTES

1. PROVIDE 5/8" WATER RESISTIVE GWB AT ALL TOILET ROOMS, RESTROOMS, SHOWER ROOMS.
2. REFER TO CODE PLAN AND RCP FOR LOCATIONS OF FIRE-RATED OR INTERIOR WALLS WHICH TERMINATE AT UNDERSIDE OF METAL DECK/STRUCTURE.
3. PROVIDED DEFLECTION TRACKS AT ALL INTERIOR PARTITIONS THAT TERMINATE AT THE UNDERSIDE OF METAL DECK/STRUCTURE.
4. PROVIDE GWB CONTROL JOINTS AT LOCATIONS/WALLS WITH AREAS GREATER THAN 20'-0" X 20'-0".
5. REFER TO SHEET G-002 FOR ALL FIRE RATED WALLS
6. REFER TO SHEETS A-101 FOR LOCATIONS WALL TYPES.

GENERAL CEILING NOTES

1. PROVIDE 5/8" WATER RESISTIVE AT ALL TOILET ROOMS, RESTROOMS, SHOWER ROOMS.
2. FOR CEILINGS GREATER THAN 1,000 SF, REFERENCE SEISMIC BRACING DETAILS ON SHEET A-501, -502 AND VIA MANUFACTURER
3. CEILING AREAS 1,000 SF OR LESS SHALL BE EXEMPT FROM LARGE FORCE BRACING REQUIREMENTS.
4. FOR CEILING AREAS EXCEEDING 2,500 SF, A SEISMIC SEPARATION JOINT OR FULL HEIGHT WALL PARTITION THAT BREAKS THE CEILING SHALL BE PROVIDED UNLESS ANALYSES ARE PERFORMED OF THE CEILINGS BRACING SYSTEM, CLOSURE ANGLES AND PENETRATIONS TO PROVIDE SUFFICIENT CLEARANCE.
5. REFER TO MANUFACTURERS DETAILS AND RECOMMENDATIONS FOR ADDITIONAL INFORMATION NOT SEEN IN THESE DOCUMENTS.
6. SEE A-100 SERIES PLANS FOR ASSEMBLY TYPES AND HEIGHTS

CEILING TYPES



DESIGNER



MARSHALL DESIGN + MANAGEMENT
12400 SE 38TH #50766
BELLEVUE, WA 98105

CLIENT AND PROJECT LOCATION



BENAROYA
SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
1015 39TH AVE SE
PUYALLUP, WA 98374

PROJECT



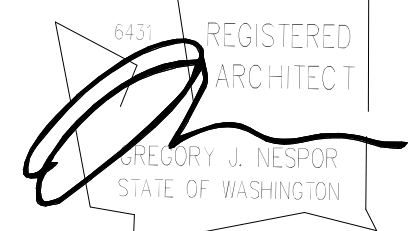
CENTRAL PIERCE FIRE AND RESCUE
1015 39TH AVE SE, SUITE 120
PUYALLUP, WA 98374

ARCHITECT



WJA DESIGN-COLLABORATIVE
617 WESTERN AVE
SEATTLE, WA 98104

STAMP



ISSUANCE

ISSUE DATE 02/17/2023
DRAWN BY: WJA
CHECKED BY: WJA

REVISION LIST

NO.	DATE	DESCRIPTION	BY
1	01/30/23	PERMIT SET	
1	02/17/23	100% CONSTRUCTION DOCS	
3	03/08/23	POST CD'S REVISIONS	

KEY PLAN

SHEET TITLE

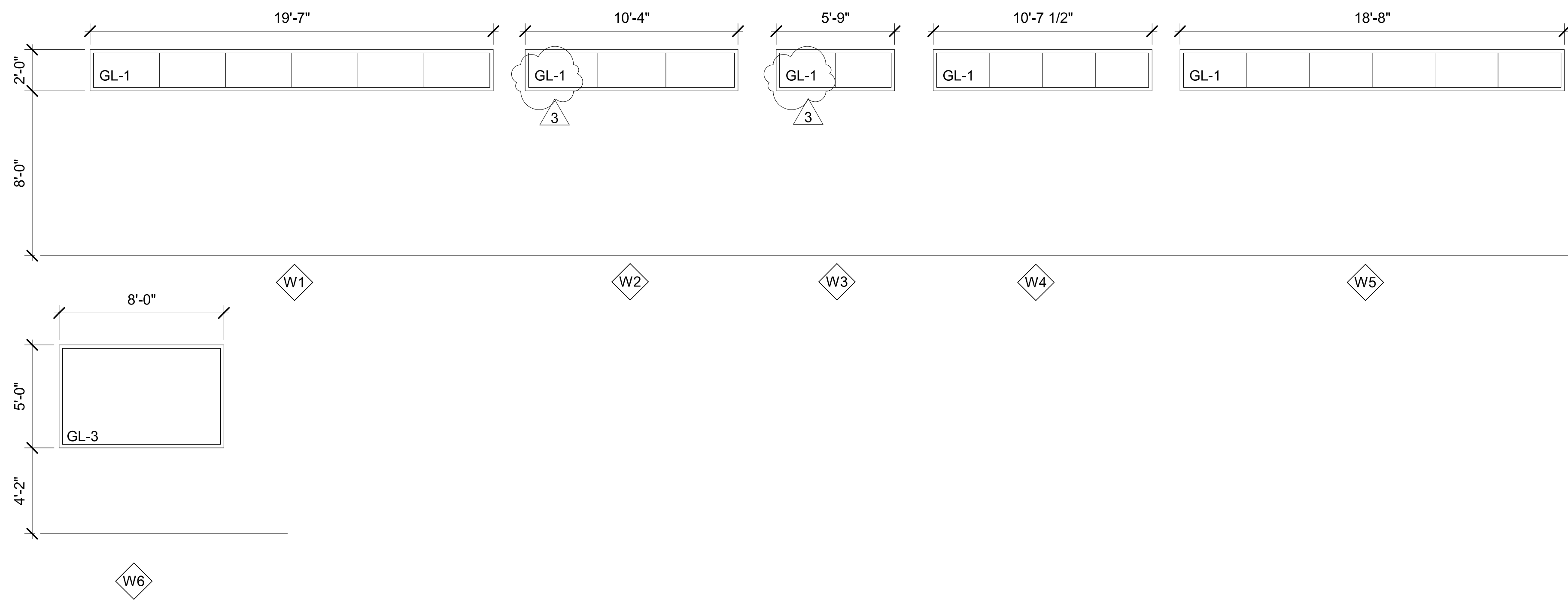
WALL AND CEILING TYPES LEGEND

SHEET NUMBER

A-601

PRCT120230098

REVISIONS - REPLACE PLANS WITH PREVIOUSLY APPROVED PLANS OR ADD NEW SHEET WHEN NEW



WINDOW TYPES

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

WINDOW LEGEND GENERAL NOTES

1. FIELD VERIFY ALL ROUGH OPENINGS.
2. BUTT GLAZING, TYP. AT CLERESTORY WINDOWS.
3. CLERESTORY DESIGN BY CONTRACTOR, WORKPOINTE/TEKNION.
4. GLASS PANE SIZING BY CONTRACTOR, WORKPOINTE/TEKNION.

GLAZING TYPES

- GL-1 1/4" CLEAR GLASS
- GL-2 1HR RATED GLASS
- GL-3 1/4" TEMPERED SAFETY GLASS

DESIGNER



MARSHALL DESIGN + MANAGEMENT
12400 SE 38TH #50766
BELLEVUE, WA 98105

CLIENT AND PROJECT LOCATION



BENAROYA
SOUTH HILL BUSINESS AND TECHNOLOGY CENTER
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PROJECT



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KEY PLAN

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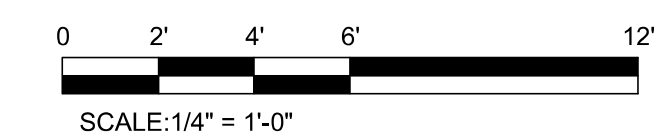
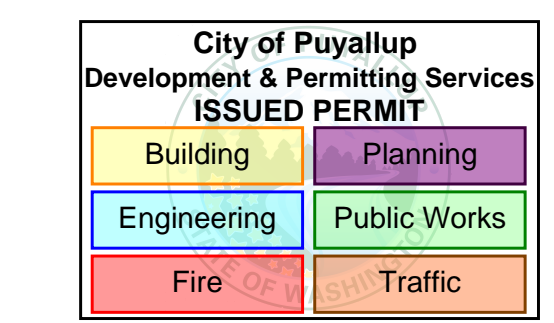
SHEET TITLE

WINDOW SCHEDULE AND LEGEND

SHEET NUMBER

A-603

PRCT120230098



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

14/19/2023 10:20:15