

Puyallup Mazda Service Drive-Thru Expansion

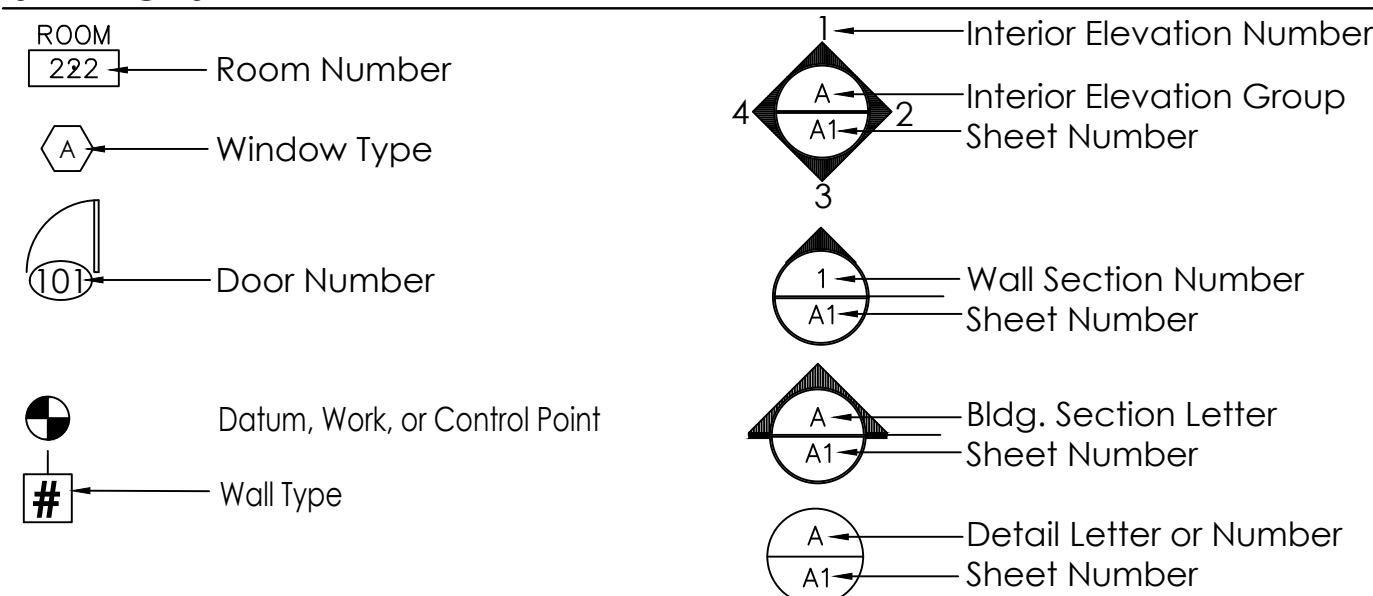
VICINITY MAP



ABBREVIATIONS

A.B.	ANCHOR BOLT	MDF.	MEDIUM DENSITY FIBERBOARD
A.C.T.	ACOUSTICAL CEILING TILE	MIN.	MINIMUM
AFFLR.	ABOVE FINISH FLOOR	MTL.	METAL
ADD. ALT.	ADDITIVE ALTERNATE	N.I.C.	NOT IN CONTRACT
B.F.	BARRIER FREE	N.T.S.	NOT TO SCALE
B.S.	BACK SPLASH	O.C.	ON CENTER
BM.	BEAM	O.H.	OPPOSITE HAND/OVER HANG
C.J.	CONTROL/CONSTRUCTION JOINT	OPT.	OPTIONAL
C.L. or C	CENTERLINE	O.S.B.	ORIENTED STRAND BOARD
CONT.	CONTINUOUS	P.L.B.	PARA LAMINATED BEAM
CPT.	CARPET	P.LAM.	PLASTIC LAMINATED
CPT.I.	CARPET TILE	PLYWD.	PLYWOOD
CRM.	CLASSROOM	PR.	PAIR
C.T.	Ceramic Tile	PT.	PAINT
D.	DEPTH	P.T.D.	PAPER TOWEL DISPENSER
DIM.	DIMENSION	R.B.	RUBBER BASE
D.F.	DRINKING FOUNTAIN	R.FLR.	RUBBER FLOORING
D.O.	DEDICATED OUTLET	R.D.	ROOF DRAIN
D.S.	DOWN SPOUT	R.I.	ROUGH-IN
E.C.	EXPOSED CONCRETE	R.L.	RAIN LEADER
EXIST.	EXISTING	R.S.	ROUGH SAWN
EXP. BOLT	EXPANSION BOLT	S & V	STAINED & VARNISHED
FDN.	FOUNDATION	S.C.	SOLID CORE
F.D.	FLOOR DRAIN	S.V.	SHEET VINYL
F.E.	FIRE EXTINGUISHER	SHT. MTL.	SHEET METAL
FIN. FLR.	FINISH FLOOR	SIM.	SIMILAR
F.O.I.C.	FURNISHED BY OWNER INSTALLED BY GC.	ST. CONC.	STAINED CONCRETE
F.O.I.O	FURNISHED BY OWNER INSTALLED BY OWNER	T & G	TONGUE & GROOVE
F.O.P.W	FACE OF PLYWOOD	T.O.C	TOP OF CONCRETE
F.R.P.	FIBERGLASS REINFORCED PANEL	T.O.P.	TOP OF PLATE
G.LAM/GL	GLUE LAMINATED	T.O.W.	TOP OF WALL
GA.	GAUGE OR GAGE	TRT.	TREATED
GALV.	GALVANIZED	T.S.	TUBE STEEL
GW.B.	GYPSPUM WALL BOARD	T.T.D.	TOILET TISSUE DISPENSER
GYP.	GYPSPUM	TYP.	TYPICAL
H.	HEIGHT	U.N.O.	UNLESS NOTED OTHERWISE
H.C.	HOLLOW CORE/HANDICAP	V.F.	VINYL FLOORING
H.M.	HOLLOW METAL	W.O.M.	WALK OFF MAT
HDR.	HEADER	W.	WIDE
L	LENGTH	W.P.	WATER PROOF
MAX.	MAXIMUM	WD.	WOOD
		WDW.	WINDOW

SYMBOLS



GENERAL NOTES

- ALL WORK SHALL CONFORM TO APPLICABLE CURRENT FEDERAL, STATE AND LOCAL CODES. THE CONTRACTOR IS TO PROVIDE FOR ALL REQUIRED NOTIFICATION OF AND COORDINATION WITH CITY AND STATE AGENCIES, AND PROVIDE REQUIRED PERMITS. ALL TESTS AND INSPECTIONS ASSOCIATED WITH OBTAINING APPROVALS TO PROCEED WITH AND COMPLETE THE WORK SHALL BE PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL COORDINATE ALL OPERATIONS WITH THE OWNER, INCLUDING AREA FOR WORK, MATERIALS STORAGE, AND ACCESS TO AND FROM THE WORK, SPECIAL CONDITIONS OR NOISY WORK, TIMING OF WORK AND INTERRUPTION OF MECHANICAL AND ELECTRICAL SERVICES. NOISY OR DISRUPTIVE WORK SHALL BE SCHEDULED AT LEAST ONE (1) WEEK IN ADVANCE OF THE TIME WORK IS TO COMMENCE.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HIGHEST STANDARD OF WORKMANSHIP IN GENERAL AND WITH SUCH STANDARDS AS ARE SPECIFIED.
- CONTRACTOR SHALL ADHERE TO ALL BUILDING STANDARDS. ANY CHANGES TO SAME SHALL BE SUBMITTED TO ARCHITECT IN WRITING FOR APPROVAL.
- CONTRACTOR SHALL SUBMIT SAMPLES OF ALL FINISHES OF SUCH SIZE AND NUMBER THAT THEY REPRESENT A REASONABLE DISTRIBUTION OF COLOR RANGES AND PATTERN PRIOR TO INSTALLATION FOR OWNER'S APPROVAL. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND PRODUCT DATA FOR ARCHITECT'S APPROVAL ON ALL SPECIAL ITEMS REQUIRING CUSTOM FABRICATION.
- CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE AND NOTIFY ARCHITECT OF ANY DISCREPANCIES. CONTRACTOR IS NOT TO SCALE OFF DRAWINGS.
- CONTRACTOR SHALL PROVIDE BLOCKING/BACKING IN PARTITIONS FOR ALL WALL-MOUNTED FIXTURES AND DEVICES UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
- ALL FLOORS SHOULD BE LEVEL AND NOT VARY MORE THAN 1/4" IN 10'-0". THE CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONDITIONS THAT DO NOT MEET THIS STANDARD.
- FLOOR FINISH TRANSITIONS SHALL OCCUR UNDER DOORS, UNLESS SHOWN OR NOTED OTHERWISE.
- MATERIALS, ARTICLES, DEVICES AND PRODUCTS ARE SPECIFIED IN THE DOCUMENTS BY LISTING ACCEPTABLE MANUFACTURERS OR PRODUCTS, BY REQUIRING COMPLIANCE WITH REFERENCED STANDARDS, OR BY PERFORMANCE SPECIFICATIONS. FOR ITEMS SPECIFIED BY NAME, SELECT ANY PRODUCT NAMED. FOR THOSE SPECIFIED BY REFERENCE STANDARDS OR BY PERFORMANCE SPECIFICATIONS SELECT ANY PRODUCT MEETING OR EXCEEDING SPECIFIED CRITERIA. FOR APPROVAL OF AN ITEM NOT SPECIFIED, SUBMIT REQUIRED SUBMITTALS, PROVIDING COMPLETE BACK-UP INFORMATION FOR PURPOSES OF EVALUATION. WHERE BUILDING STANDARD ITEMS ARE CALLED FOR, NO SUBSTITUTE WILL BE ACCEPTED.
- CONTRACTOR SHALL PROVIDE FOR ALL WORK REQUIRED TO MAINTAIN COMPLIANCE WITH LOCAL FIRE CODE. PROVIDE FOR ALL REQUIRED SHOP DRAWINGS AND APPROVALS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING FIRE ALARM SYSTEM AUDIBILITY.
- MECHANICAL AND ELECTRICAL FIXTURES, OUTLETS, ETC., WHEN SHOWN ON THE ARCHITECTURAL DRAWINGS, ARE FOR LOCATION INFORMATION ONLY. MECHANICAL AND ELECTRICAL TO BE DESIGNED BY OTHERS. ALL CIRCUITING COORDINATION TO BE BY OTHERS.

PROJECT TEAM

OWNER

Ken Dinsmore
608 River Road
Puyallup, WA 98371
253.845.1766
Contact: Kyle Drennon

ARCHITECT

HHJ Architects
601 St. Helens Ave.
Tacoma, WA 98402
253.922.4168
Contact: John Manuel

CONTRACTOR

Accrete Construction LLC
801 Valley Ave NW
Puyallup, WA 98371
253.286.3954
Contact: Glen Epperly

STRUCTURAL ENGINEER

C C Fynboe
12181 C Street
Tacoma, WA 98444
253.537.8127
Contact: Chris Fynboe, PE

Civil Engineer

JKA Civil Engineering
PO Box 1328
Puyallup, WA 98371
253.539.1400
Contact: Will Schuur, PE

Electrical Contractor

Lane Electric
PO Box 602
Fox Island, WA 98333
253.310.2377
Contact: Dan Lane

Fire Sprinkler Contractor

Patriot Fire Protection
2707 70th Ave. E.
Tacoma, WA 98424
253.926.2290
Contact:

PROJECT DATA

SITE ADDRESS: 608 River Road Puyallup, WA 98371	TAX PARCEL NUMBER: 0420214015/17/60
ZONING: CG	SITE AREA: 3.16 ACRES
SCOPE OF WORK: Expand existing the customer service drop-off/pick-up drive-thru. Business to remain in operation throughout construction duration.	
APPLICABLE EDITIONS OF BUILDING CODES: 2021 I.B.C & STATE AMENDMENTS AND WAC 51-50 2021 INTERNATIONAL MECHANICAL CODE 2021 INTERNATIONAL FIRE CODE 2021 UNIFORM PLUMBING CODE I.C.C. A117.1-2017 and STATE AMENDMENTS and WAC 51-50 2021 WASHINGTON STATE ENERGY CODE	
OCCUPANCY CLASSIFICATION: B: Showroom, offices, customer waiting & service reception S-1: Storage & service bays	NUMBER OF STORIES: Two
CONSTRUCTION TYPE: VB w/Automatic Sprinkler System	
BUILDING AREA: Main Floor - Existing: 16,983 S.F. Upper Floor - Existing: 2,956 S.F. Covered Entrances - Existing: 326 S.F.	
Drive-Thru Addition: 1,577 S.F.	
TOTAL BLDG. FLOOR/FIRE AREA:	21,842 S.F.

ENERGY CODE COMPLIANCE (WSEC Climate Zone 4C WAC 51-11 for Semi-Heated)

Component	Prescriptive Requirements:	Proposed Measure:
HVAC Equip.	Electric	Gas
Glazing %	30% (Max.)	13.4%*
Roof Insul. Above Deck	R-38 ci	R-38 ci
Framed Wall Insulation	N/A	None
Concrete Floor Slab	R-10	R-10**
Garage Door between 14% to <50% glazing	U-0.34	U-0.34

*Exterior insulated wall area of 9,378 gsf & exterior fenestration opening area of 1,257 gsf.

**Per C402.2.4.1 the R-10 foundation insulation shall extend 24" either horizontally beneath slab or vertically down the foundation wall.

WSEC SECTION C103.6.3 - PROJECT CLOSEOUT:

- Project close-out documents to include WSEC envelope compliance forms & calculations and fenestration NFRC rating certificates, and air leakage certification.
- See outline specification section '01 70 00'

WSEC Section C406.1 BLDG. ADDITIONS ENERGY EFFICIENCY CREDIT REQ/MT (twenty-one (21) credits are required):

#10 C406.2.32 20% Reduced lighting power (29) credits

WSEC Section C406.3 LOAD MANAGEMENT MEASURE CREDITS: Not required for building additions <5,000 SF

WSEC Section C411 RENEWABLE ENERGY: Not required for new buildings and/or additions <10,000 SF.

PRODUCT IDENTIFICATION:

- Insulation identification e.g. R-value, shall be readily observable during construction.

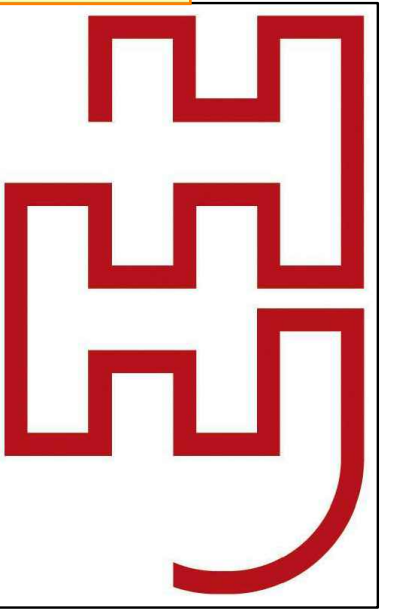
SEPARATE PERMIT SUBMITTALS:

- FIRE SPRINKLER & FIRE ALARM SYSTEMS (voice evacuation & radio coverage test required, fire alarm designer to be N.I.C.E.T. certified)
- STORM WATER IMPROVEMENTS

INDEX TO DRAWINGS

A0.0	Cover Sheet		
A0.1	Code Review & Outline Specifications		
A1.0	Site Plan & Details		
A2.0	Overall Floor & Partial Floor Plan		
A2.1	Partial Reflective Ceiling & Roof Plans		
A3.0	Ext. Elevations, Building Section & Details		
S1.0	General Notes		
S1.1	General Details		
S2.0	Foundation Plan		
S2.1	Roof Framing Plan		
S3.0	Details		
MH001	Mechanical General Notes & Schedules		
MH101	Mechanical Floor Plan		
MH102	Mechanical Roof Plan		
MH501	Details		
MH801	Schedules, Specs & Sequence		
E1.0	Electrical Symbols, Legend, Schedule		
E2.0	Partial Lighting Floor Plan		
E3.0	Partial Power Floor Plan		

PRCA20251194



ARCHITECTS
PLLC

601 St. Helens
Tacoma, Washington 98402
Phone: (253) 922-4168

Project Title

**Puyallup Mazda -
Customer Service
Drop-Off
Expansion**

**608 River Road,
Puyallup, WA
98371**

Sheet Title

Sheet Title

Project Number:

Date: October 22, 2025

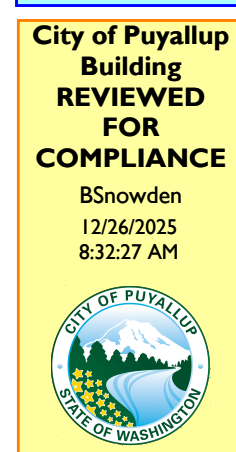
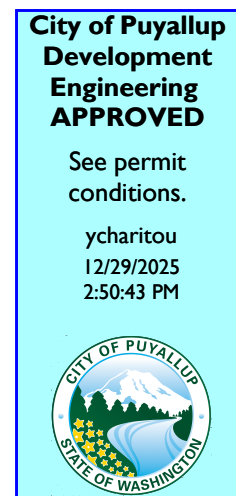
Drawn:

Checked:

File:

Scale: As Noted

REVISIONS:



The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

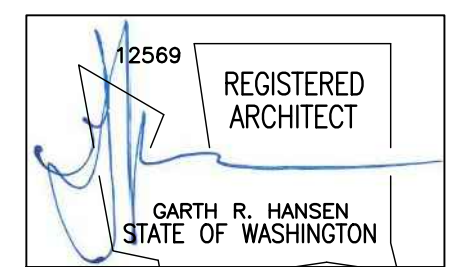
Full sized legible color plans are required to be provided by the permittee on site for inspection.

Approval of submitted plans is not an approval of omissions or oversights by this office or non-compliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

Separate Electrical Permit is required with the Washington State Department of Labor & Industries.
<https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections>
or call for Licensing Information: 1-800-647-0982

Contractor to ensure additional WSEC provisions for Electrification Readiness is completed prior to inspection by WA L&I.

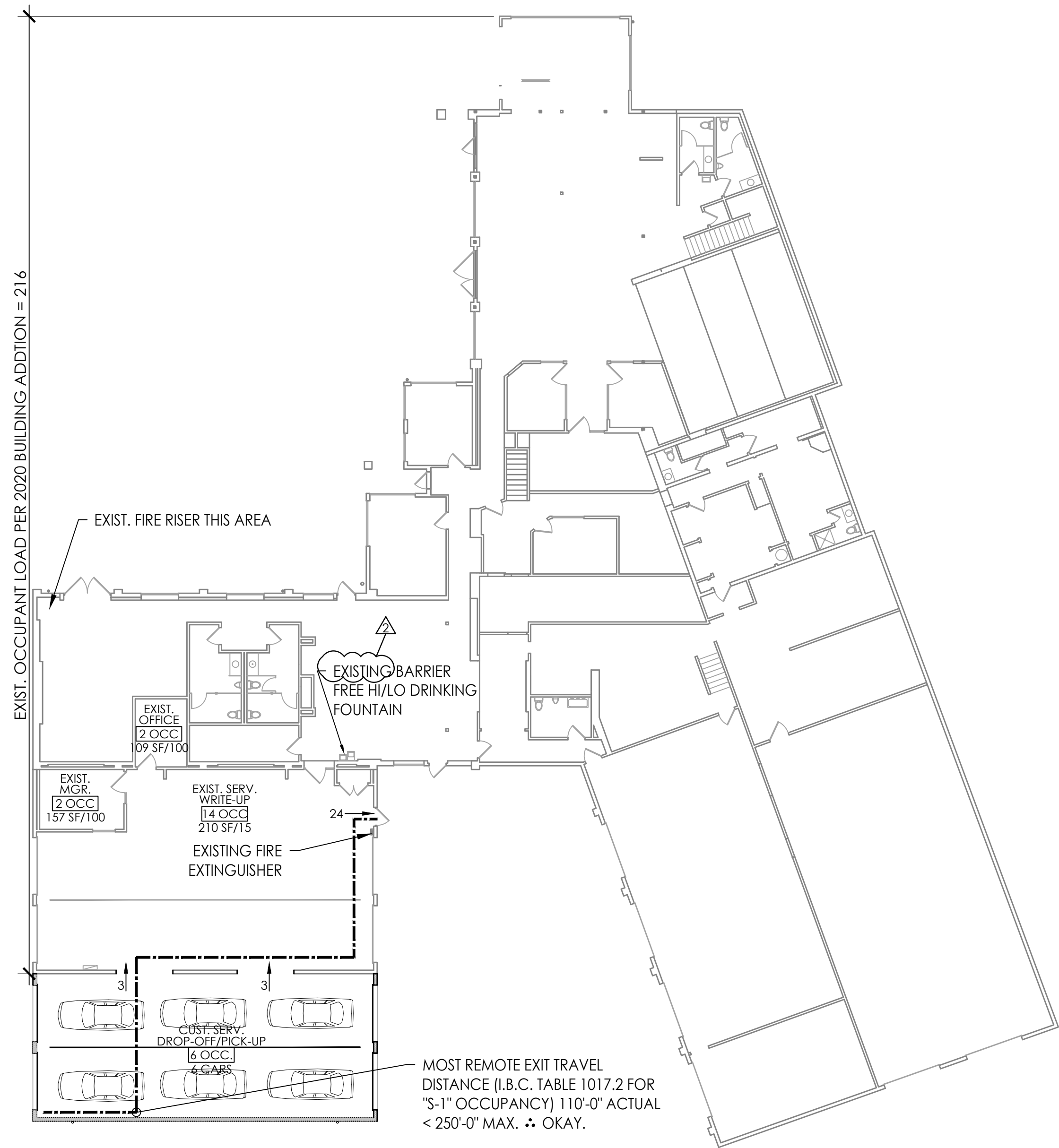
Call before you dig. It's the law.
Dial 811 or call 1-800-424-5555.



Permit Set

A0.0

PLOT:



CODE REVIEW FLOOR PLANS
 22 x 34 - 1/16" = 1'-0"
 11 x 17 - 1/32" = 1'-0"

CODE REVIEW:

TOTAL BUILDING/FIRE AREA: **21,842 SF**
 OCCUPANCY GROUP: B & S-1
 CONSTRUCTION TYPE: VB w/AUTOMATIC FIRE SPRINKLER SYSTEM
 PER I.B.C. TABLE 506.2: B or S-1 (SM) = 27,000 ALLOWABLE AREA.

PLUMBING REQUIRED:

REQUIRED MIN. PLUMBING FIXTURE COUNT PER 2021 WAC 51-50 TABLE 2902.1.

OCCUPANT LOAD AND REQ'D FIXTURE COUNT:

LOAD BASED UPON ALL AREAS: 222 OCCUPANTS (111 MALE & 111 FEMALE)
 MALE: (3) WC & (2) LAV
 FEMALE: (3) WC & (2) LAV
 PER W.A.C. SECTION 2902.5.1 - TWO (2) DRINKING FOUNTAIN ARE REQUIRED.

EXISTING PLUMBING PROVIDED:

MALE: (2) WC, (2) URINALS & (2) LAVS
 FEMALE: (3) WC & (2) LAVS
 TOILET RM: (4) WC, (2) URINALS & (4) LAVS
 DRINKING FOUNTAIN: (1) EXISTING STD. & (1) NEW B.F. HI/LOW

DIVISION 01 00 00 - GENERAL REQUIREMENTS

00 21 00 EXAMINATION OF SITE AND DOCUMENTS: It is recommended that before submitting a bid proposal, each Bidder should:
 1. Carefully examine the drawings and specifications.
 2. Visit the site of the work.
 3. Fully inform themselves of all existing conditions and limitations.
 4. Rely entirely upon his/her own judgment in making his/her proposal.
 5. Include in his/her own bid a sum sufficient to cover **all** work required by Contract Documents.

00 90 00 INTERPRETATIONS: It is intended that these contract documents provide adequate information to the bidder to make a complete and accurate bid. It is the bidder's responsibility to provide a bid sufficient to cover all work which is his responsibility. Any discrepancies, questions or proposed substitutions shall be directed to the Owner. The Owner/ General Contractor shall provide a written addenda.

01 10 00 SUMMARY OF WORK: Expand existing the customer service drop-off/pick-up drive-thru. Business to remain in operation throughout construction duration.

01 21 19 INSPECTION TESTING ALLOWANCES: All special inspections required by the City's building department and/or indicated in the Contract Documents shall be arranged and coordinated by General Contractor. Special Inspection Agencies and Inspectors shall be registered with the Washington Association of Building Officials and approved by the Building Official prior to construction. For detail information refer to the structural engineer's Special Inspection Requirements.

01 31 00 COORDINATION: General Contractor shall coordinate (but not limited to) concrete floor structure, framing, mechanical, electrical, plumbing and fire protection designs & installations, required building, site & special inspections; and work by others.

01 45 16 FIELD ENGINEERING: General Contractor shall verify grades, property lines and corner stakes, building setback lines et al, and report to the Architect if there are any discrepancies to the Contract Documents.

01 56 36 SECURITY: General Contractor shall provide protection of work, stored materials and property.

01 66 00 MATERIAL AND EQUIPMENT: Store materials off of grade and protect from moisture & physical damage per manufacturer's recommendation. Provide equipment and personnel to handle products and materials by methods which will prevent damage to products and materials per manufacturer's recommendation and specifications. Coordinate with Owner for location of storage site.

01 70 00 CONTRACT CLOSEOUT: Clean exposed surfaces, building equipment, mechanical ducts et al after construction has been completed and install new air filters. Sub-contractors to submit as-built drawings, warranties, operation & maintenance manual (closeout manual), and demonstrate mechanical & electrical systems to Owner. G.C. to submit all lien releases and deliver certificates of inspection and occupancy permits as well as submit WSEC envelop compliance forms and calculations and fenestration NFRC rating certificates to Owner. Submit building enclosure air leakage test reports to jurisdiction and owner. If initial test result exceeds 0.25 cfm/ft² (1.27 L/s·m²) of the building thermal envelope area at a pressure differential 0.3 inch water gauge (75PA), then corrective measures shall be taken and re-testing until required air leakage rating is achieved. Sub contractors involved in bidder/design items to perform CAD drawings and submit hard copy & electronic file copy of as-built drawings to the Owner.

DIVISION 03 00 00 - CONCRETE

03 30 00 CONCRETE: Refer to structural construction notes & specifications.

DIVISION 05 00 00 - METALS

05 10 00 STRUCTURAL STEEL & METAL STUDS: Refer to structural notes & specifications.

DIVISION 06 00 00 - WOOD AND PLASTIC

06 11 00 FRAMING: Refer to structural construction notes & specifications. Provide blocking for shear walls, fire blocking, casework, toilet partitions & toilet accessories and as required.

06 17 53 WOOD TRUSSES: Refer to structural construction notes & specifications.

DIVISION 07 00 00 - THERMAL AND MOISTURE PROTECTION

07 21 00 INSULATION: Perimeter concrete for concrete slab: R-10 rigid foam insulation. Flat Roofs : R-38 rigid continuous insulation to consist of two (2) layers of 3" thick Polyisocyanurate ISO rigid insulation panels (1" = R-6.5) - stagger seams 2'-0" minimum. Insulating materials shall have a flame-spread rating of no more than 25 and a smoke developed index of not more than 450. Note: All vapor barriers to be on warm side and have a transmission rate not exceeding 1 perm in accordance with ASTM E96.

07 25 15 SLOPED ROOF UNDERLAYMENT: 30-year limited warranty water resistant synthetic polymer-based scrim-reinforcement roof underlayment to be DiamondDeck® by CertainTeed or equal. Roof underlayment shall comply with ASTM D226 and ASTM D4869 for physical property requirements, ASTM E98 water vapor transmission and classified for use beneath UL 790 Class A/ASTM E 108 Class A fire rated asphalt roof shingles. Install per manufacturer's specifications for double coverage low slope roof application. Provide product information for review & approval.

07 42 13 METAL WALL PANELS: 2" thick aluminum composite material wall panels with 1/2" vertical & horizontal reveal joints and all various flashing's by approved manufacturer. Provide shop drawing panel layout and details for all conditions for Owner & GC review & approval.

07 54 23 THERMAL PLASTIC MEMBRANE ROOFING SYSTEM: UL rated Class "A" roofing system to be GAF EverGuard TPO 60 mil thermoplastic polyolefin single-ply membrane system including an air/vapor barrier, to be installed by a certified roofing contractor. ICBO/ICC-ES Legacy Report #ER-6030. Provide minimum 15-year warranty on labor and material and 15-year "Pledge" and "Diamond" guarantee. Installed over rigid insulation using (but not limited to) roof/wall flashing, roof penetration flashing, walkway pads/rolls to access roof-top HVAC equipment per manufacturer's specifications and recommendations. Provide product information for review and approval.

07 62 00 FLASHING & SHEET METAL: #24 or #26 gauge galvanized or zincalume finished sheet metal formed into details indicated throughout construction documents and installed per local codes and regulations. Overlap end conditions 6" minimum and set flashing in bead of mastic seal. Accessories: Galvanized steel fasteners to suit application with soft neoprene washers at exposed fasteners; sealant as specified in Section 07920 JOINT SEALERS; Solder: FS QQ-S-571, ANSI/ASTM B32. 50/50 type; Flux: FS O-F-506. Color selected by Owner and/or to match existing.

DIVISION 09 00 00 - FINISHES

09 24 00 CEMENT STUCCO WITH ACRYLIC FINISH: Install 7/8-inch thick Portland cement plaster (or stucco skim coat) with acrylic integral-color finish and all accessories per manufacturer's recommendations and specifications. Install stucco assembly over (2) layers of building paper. Refer to Exterior Elevations for expansion joint reveals. Acrylic finish by Sto Corporation and final color and texture by Milam Mazda D.I.D. specification page "A-7A". Provide 4'x4' mock-up for Owner's approval of application, texture and color selection. Provide product information for review and approval.

09 91 13 EXTERIOR PAINTING: Refer to exterior elevations for types and locations. Do not paint and/or stain over dirt, rust, blistered paint, grease, wet substrates, or surface conditions detrimental to formation of a durable paint film.

09 91 23 INTERIOR PAINTING: Do not paint over dirt, rust, blistered paint, grease, wet substrates, or surface conditions detrimental to formation of a durable paint film. Colors selected by Owner. Sub-Contractor to provide bid to paint two (2) colors per each room.

DIVISION 21 00 00 - FIRE SUPPRESSION

21 10 10 FIRE PROTECTION: Bidder to design permit approved plans to expand existing system per new floor plan. Provide as-built drawings per Section 01700. Provide product information and design layout for Owner's review and approval. Paint exposed piping to match ceiling color.

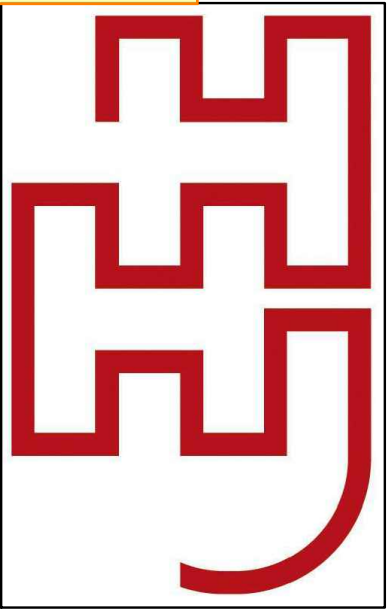
DIVISION 26 00 00 - ELECTRICAL

26 05 00 BASIC MATERIALS & METHODS: Bidder to design, obtain permit & install complete electrical system. Light switches, outlets & cover plates to be painted to match adjacent wall. Phone & computer and audio/visual installation by Owner. Coordinate equipment layout and phone, switch & outlet locations with Owner prior to rough-ins. After rough-ins, obtain Owner's review of all locations prior to wiring installation.

Commissioning: For lighting controls which include occupant sensing automatic controls, automatic shut-off controls, occupancy sensors, or automatic time switches, the lighting controls shall be tested to ensure that control devices, components, equipment and systems are calibrated, adjusted and operate in accordance with approved plans and specifications. Sequences of operation shall be functionally tested to ensure they operate in accordance with approved plans and specifications. Provide as-built drawings per section 01 70 00.

26 50 00 BUILDING LIGHTING: Utilization of high energy-efficient fixtures, ballasts, occupant sensors etc. Exterior lighting shall be automatically controlled by photo cell and/or timer.

PRCA20251194



ARCHITECTS
 PLLC

601 St. Helens
 Tacoma, Washington 98402
 Phone: (253) 922-4168

Project Title

**Puyallup Mazda -
 Customer Service
 Drop-Off
 Expansion**

608 River Road,
 Puyallup, WA
 98371

Sheet Title

**Code Review &
 Outline Specs**

Project Number:

Date: October 22, 2025

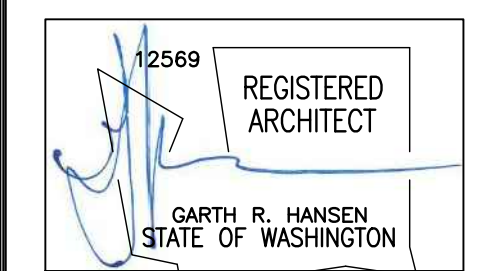
Drawn:

Checked:

File:

Scale: As Noted

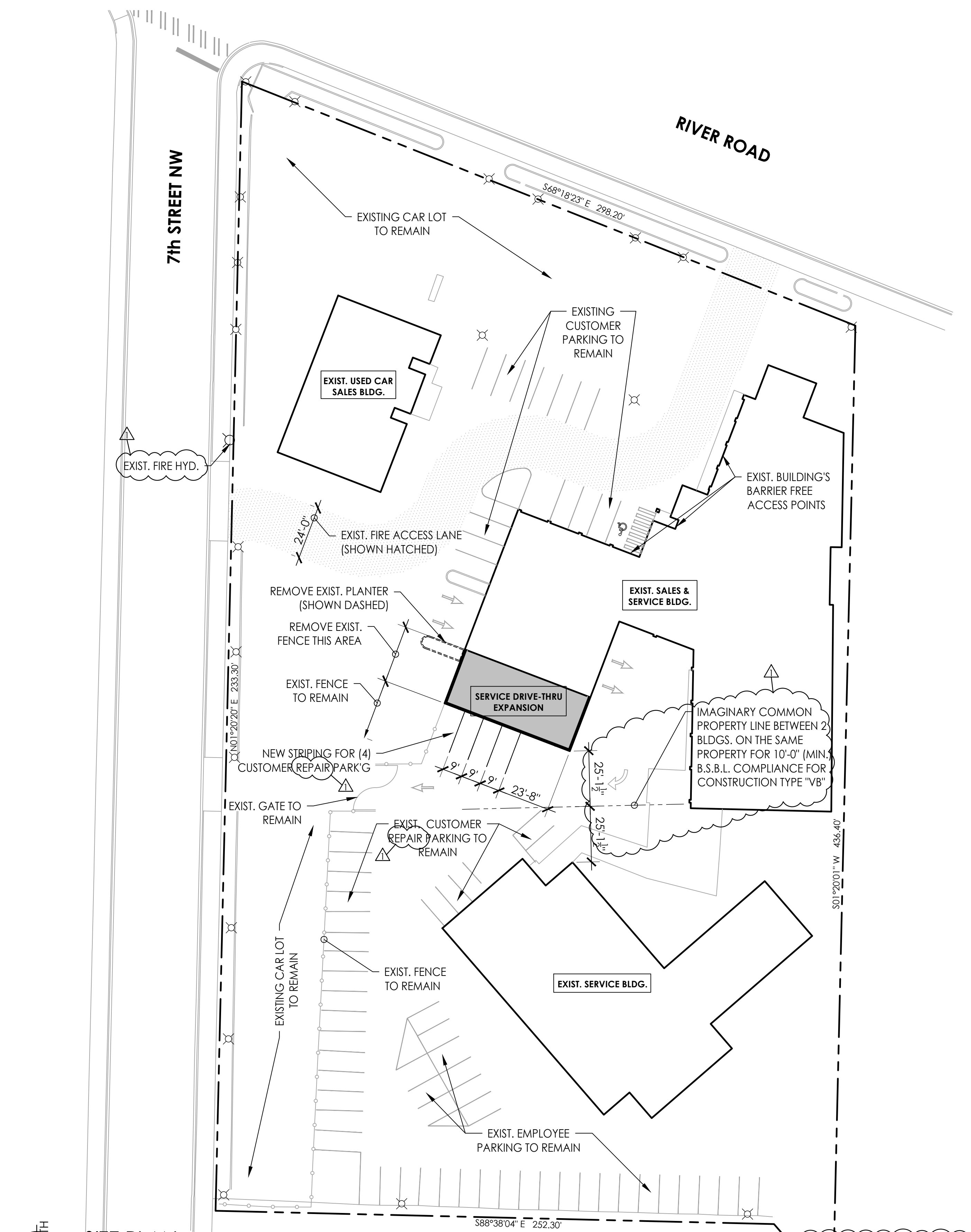
REVISIONS:
 12/5/2025 - Revised per City of Puyallup's 1st review.



Permit Set

A0.1

PLOT:



PARKING STATISTICS:

The proposed customer service drop-off/pick-up expansion is a transitional space that does not increase the number of customers nor employees. Customers who are dropping off their vehicle for service would: a) not need a designated parking space while waiting for car service and b) the enclosed service drop-off/pick-up area provides up to twelve (12) temporary parking spaces as the customer transitions to and from the dealership.

PARKING PROVIDED:
 EXISTING CUSTOMER PARKING - (15) STD. PARKING STALLS & (1) HC
 EXISTING CUSTOMER SERVICE PARKING - (22) STD. PARKING STALLS
 RE-STRIPED CUSTOMER SERVICE PARKING - (4) 9'x18' STALLS RE-STRIPED
 EXISTING EMPLOYEE PARKING - (28) STD. STALLS

CITY OF PUYALLUP
 Planning Division Approved Site Plan
 (253) 864-4165
MINIMUM SETBACK REQUIREMENTS
 Front Yard: **12'** Rear Yard: **0'**
 Interior Side Yard: Left: **0'** Right: **0'**
 Street Side Yard: **12'**
 Zoning District: **CG**
 Permit #: **PRCA20251194**
 Additional Conditions/Comments

Staff: NComstock
Date: 12/30/2025
 Front, rear, and side yard property lines shall be marked with string from surveying pins prior to footing inspection.

SITE PLAN

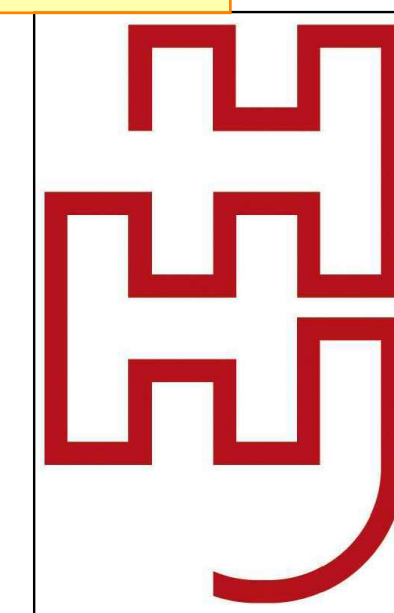
22" x 34" - 1" = 30'-0"
 11" x 17" - 1" = 60'-0"

GENERAL SITE PLAN NOTES

1. COORDINATE w/CIVIL ENGINEERING DRAWINGS FOR ADDITIONAL SITE DEMOLITION NOTES.
2. COORDINATE w/CIVIL ENGINEERING DRAWINGS FOR NEW PAVING & BUILDING DRAINAGE SYSTEM.
3. ALL PARKING STALLS EAST OF THE EXISTING FENCE AND SOUTH OF THE CUSTOMER SERVICE DRIVE-THRU EXPANSION ARE NOT FOR PUBLIC & CUSTOMER USE AND ONLY ACCESSIBLE TO EMPLOYEES.

(TPN: 0420214017)

PRCA20251194



ARCHITECTS
 PLLC

601 St. Helens
 Tacoma, Washington 98402
 Phone: (253) 922-4168

Project Title
Puyallup Mazda - Customer Service Drop-Off Expansion

608 River Road,
 Puyallup, WA
 98371

Sheet Title
Site Plan

Project Number:

Date: October 22, 2025

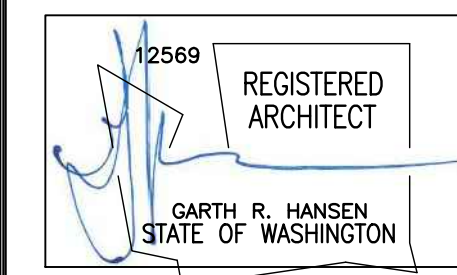
Drawn:

Checked:

File:

Scale: As Noted

REVISIONS:
 10/22/2025 - Updated site plan per City of Puyallup's incomplete notification.



Permit Set

A1.0

PLOT:

DOOR SCHEDULE

DOOR NO.	DOOR SIZE	DOOR					FRAME		RATING	HDW GRP	DETAILS			REMARKS
		TYPE	CORE	MAT	FIN	FF	MAT	FIN			HEAD	JAMB	SILL	
101A	10'-0" x 10'-0"	A	INSUL	-	F.F.	FF			1				1	
101B	10'-0" x 10'-0"	A	INSUL	-	F.F.	FF			1				1	
101C	10'-0" x 10'-0"	A	INSUL	-	F.F.	FF			1				1	
101D	10'-0" x 10'-0"	A	INSUL	-	F.F.	FF			1				1	

DOOR SCHEDULE REMARKS:

1. GARAGE DOOR THERMAL VALUE RATING U-0.34

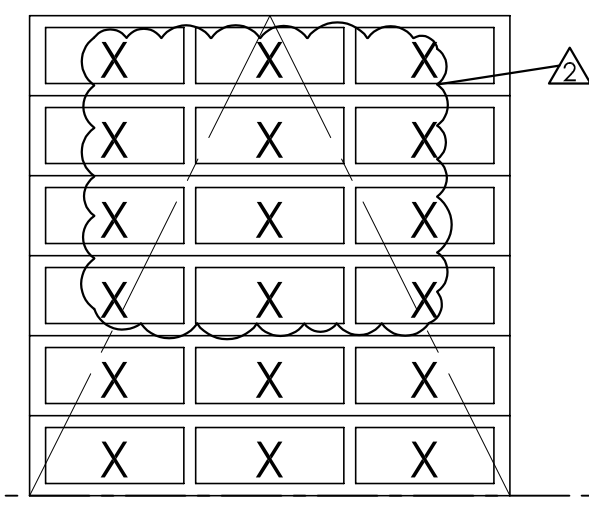
DOOR SCHEDULE ABBREVIATION:

FF FACTORY FINISH
GRP GROUP

DOOR HARDWARE SCHEDULE:

HDW GROUP #1
OVERHEAD SECTIONAL GARAGE DOOR

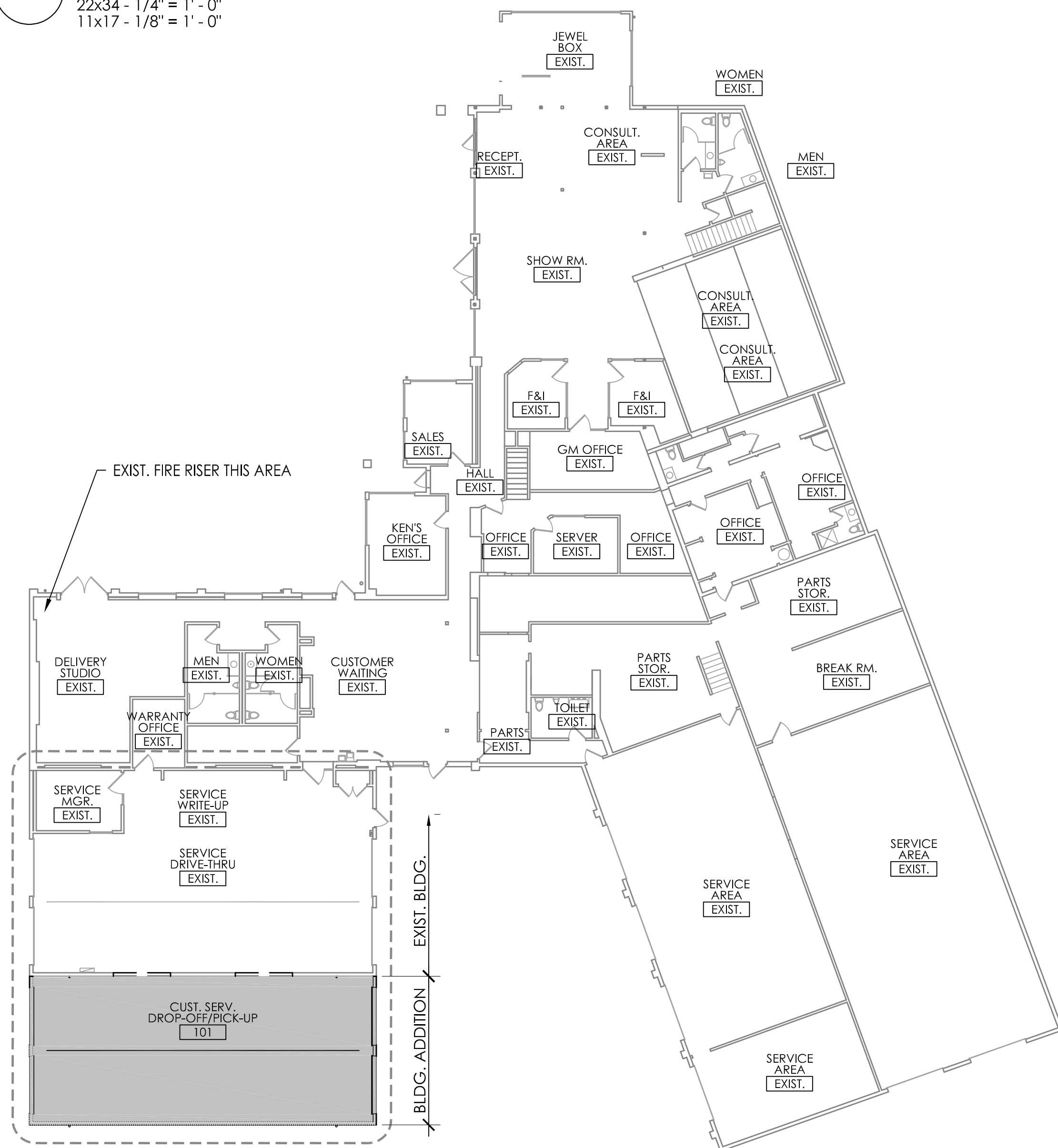
HARDWARE BY DOOR MFR.
1 GARAGE DOOR OPENER W/ REMOTE



DOOR TYPES

22x34 - 1/4" = 1' - 0"
11x17 - 1/8" = 1' - 0"

"X" DENOTES TEMPERED GLASS (SAFETY GLASS)

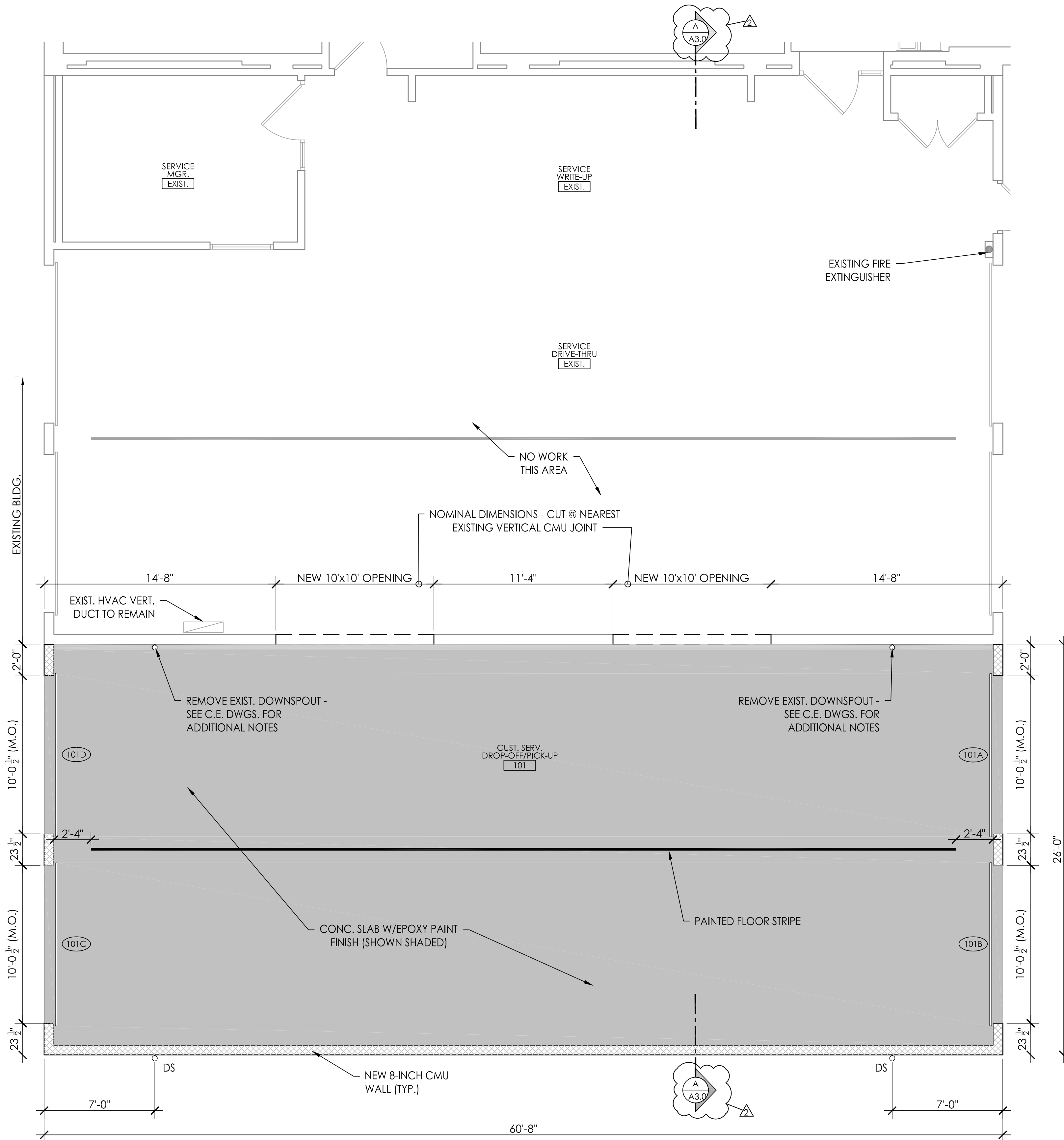


OVERALL FLOOR PLAN

22" x 34" - 1/16" = 1'-0"
11" x 17" - 1/32" = 1'-0"

CONSTRUCTION SEQUENCE FOR NEW 10'x10' OPENINGS IN EXISTING CMU WALL:

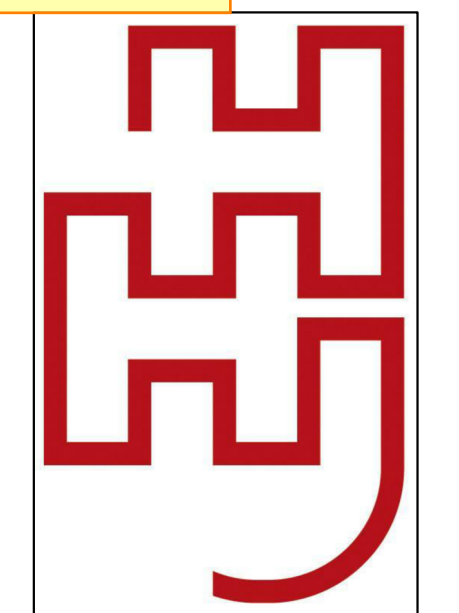
1. SAWCUT THE OPENING'S VERTICAL LINES.
2. SCORE THE HORIZONTAL HEADER TO RECEIVE THE NEW STEEL ANGLES PER S.E. DETAILS "W1 & W2/S3.0".
3. INSTALL PERMANENT STEEL FRAMES PER S.E. DETAILS "W1, W2 & W3/S3.0".
4. COMPLETE THE HORIZONTAL HEADER SAWCUT AND REMOVE CMU w/in THE NEW OPENING.



ENLARGED FLOOR PLAN ADDITION

22" x 34" - 1/4" = 1'-0"
11" x 17" - 1/8" = 1'-0"

PRCA20251194



ARCHITECTS
PLL C

601 St. Helens
Tacoma, Washington 98402
Phone: (253) 922-4168

Project Title

**Puyallup Mazda -
Customer Service
Drop-Off
Expansion**

608 River Road,
Puyallup, WA
98371

Sheet Title

**Overall Floor &
Enlarged Floor
Plans**

Project Number:

Date: October 22, 2025

Drawn:

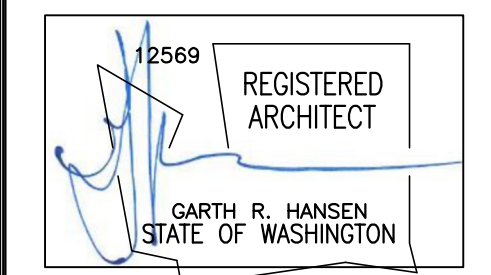
Checked:

File:

Scale: As Noted

REVISIONS:

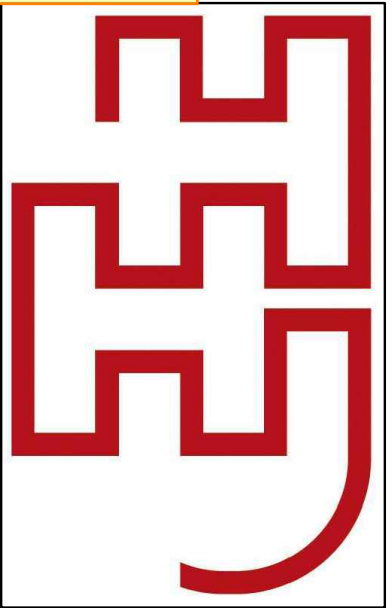
12/5/2025 - Revised per City of Puyallup's 1st review.



Permit Set

A2.0

PLOT:



ARCHITECTS
PLLC

601 St. Helens
Tacoma, Washington 98402
Phone: (253) 922-4168

Project Title

**Puyallup Mazda -
Customer Service
Drop-Off
Expansion**

608 River Road,
Puyallup, WA
98371

Sheet Title

**Ceiling & Roof
Plans**

Project Number:

Date: October 22, 2025

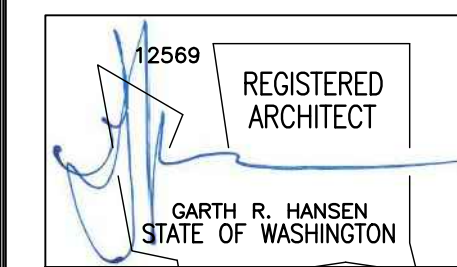
Drawn:

Checked:

File:

Scale: **As Noted**

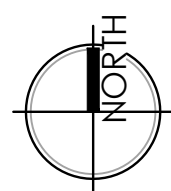
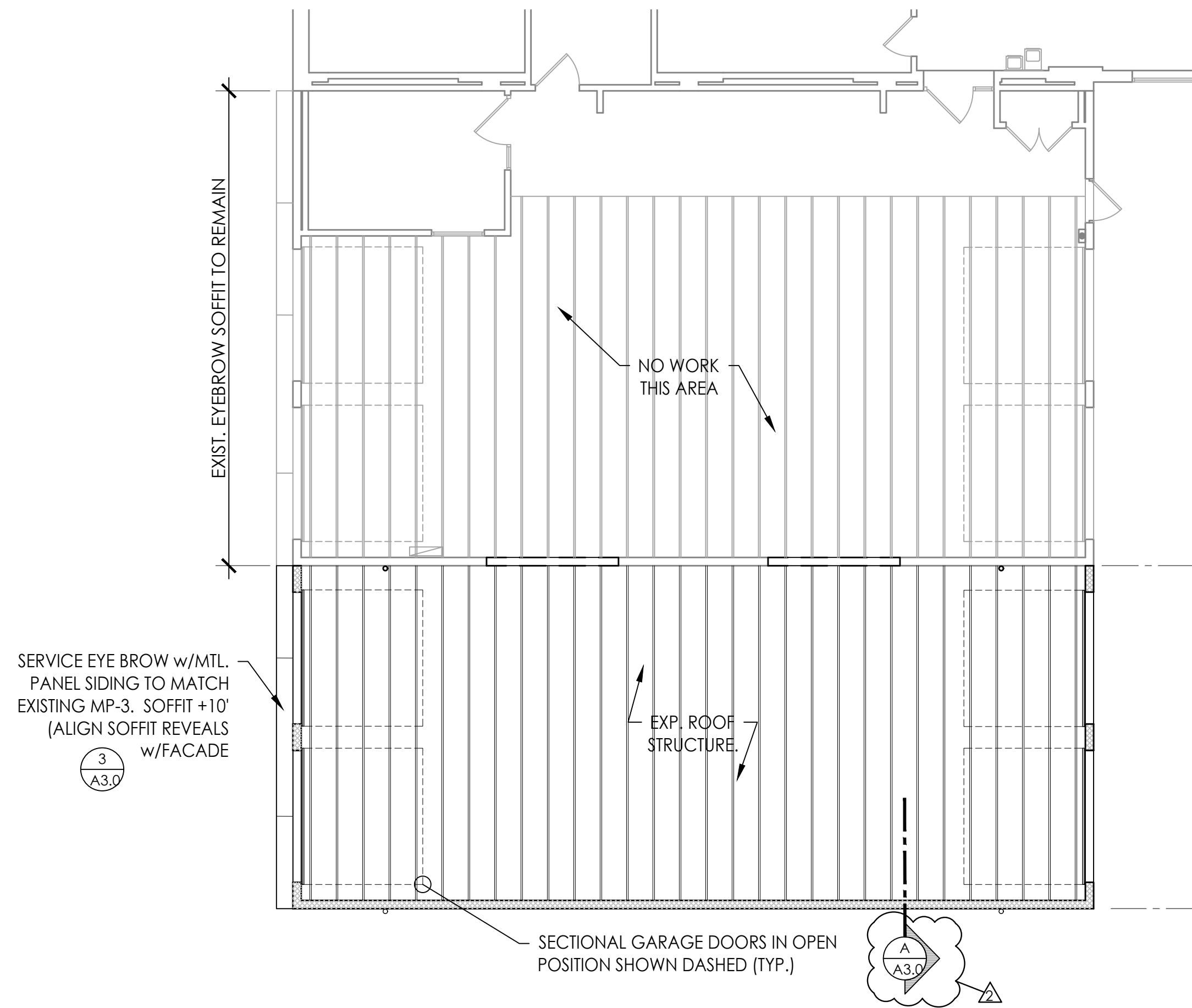
REVISIONS:
12/5/2025 - Revised per City of Puyallup's 1st review.



Permit Set

A2.1

PLOT:

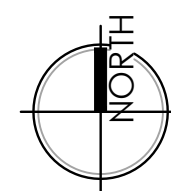
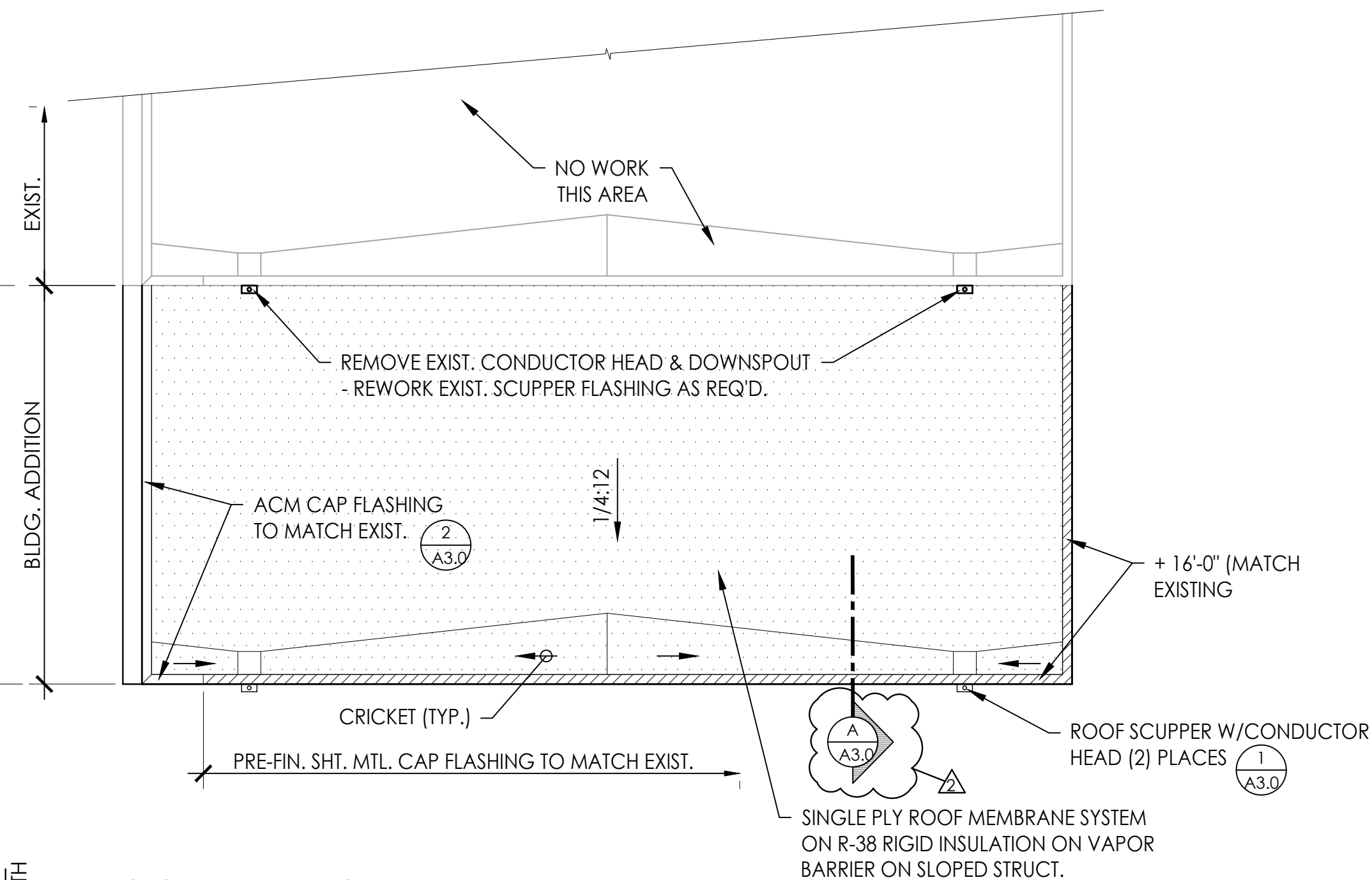


REFLECTIVE CEILING ADDITION PLAN

22" x 34" - 1/8" = 1'-0"
11" x 17" - 1/8" = 1'-0"

GENERAL CEILING NOTES:

- REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE LOCATIONS & SWITCHING AND DAYLIGHT CONTROL ZONES.
- COORDINATE LIGHT SWITCH AND OUTLET ROUGH-IN LOCATIONS W/OWNER FOR APPROVAL PRIOR TO WIRING.
- EXIT & EMERGENCY AND EGRESS LIGHT FIXTURES REQUIRE EMERGENCY POWER SYSTEM (BATTERY BACK-UP) TO PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES.
- SEE OUTLINE SPECIFICATIONS FOR COMMISSIONING, LIGHT SWITCHING AND AREA CONTROL REQUIREMENTS.
- EXTERIOR LIGHTING SHALL BE CONTROLLED VIA TIME CLOCK OR EXTERIOR PHOTOCELL

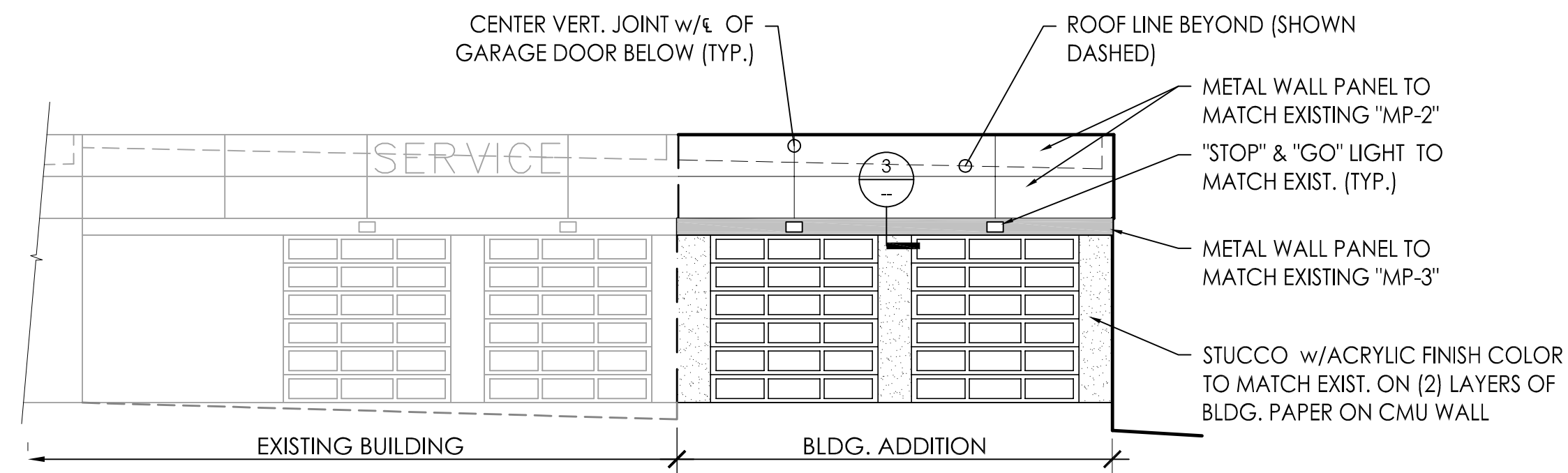


ROOF ADDITION PLAN

22" x 34" - 1/8" = 1'-0"
11" x 17" - 1/8" = 1'-0"

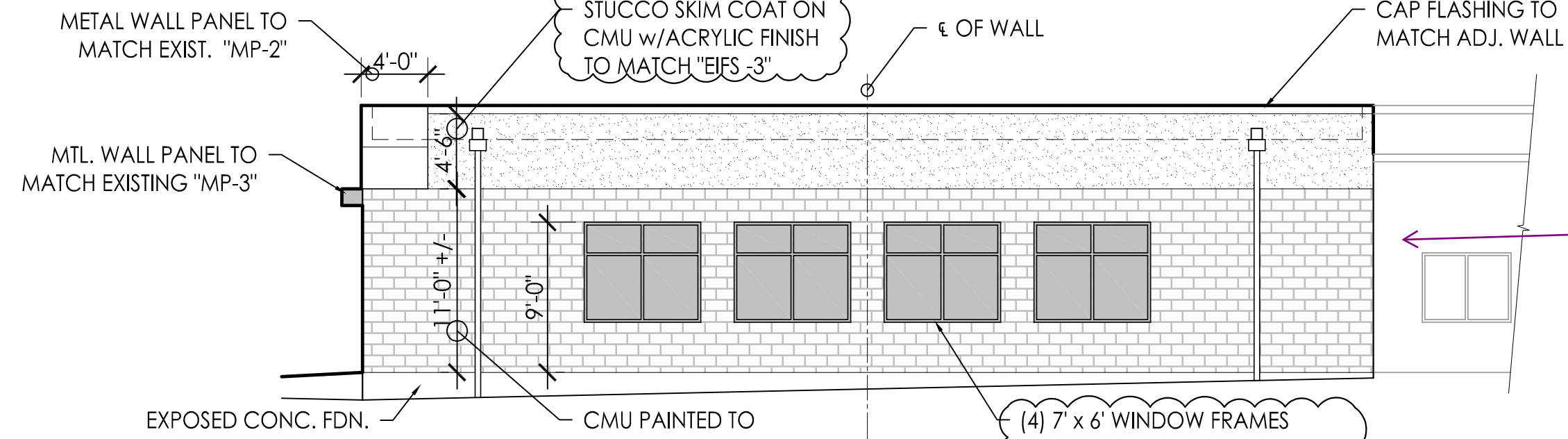
GENERAL ROOF NOTES:

- PARAPET SPOT ELEVATIONS TO TOP OF FRAMED AND/OR CMU WALLS AFFLR (NOTE: DOES NOT INCLUDE TRT, 2x WOOD CAP PLATE @ CMU WALLS).
- SEE HVAC DRAWINGS FOR RTU LOCATIONS AND CURB DETAILS.
- SEE HVAC DRAWINGS FOR EXHAUST VENTS LOCATIONS AND ROOF PENETRATION DETAILS.



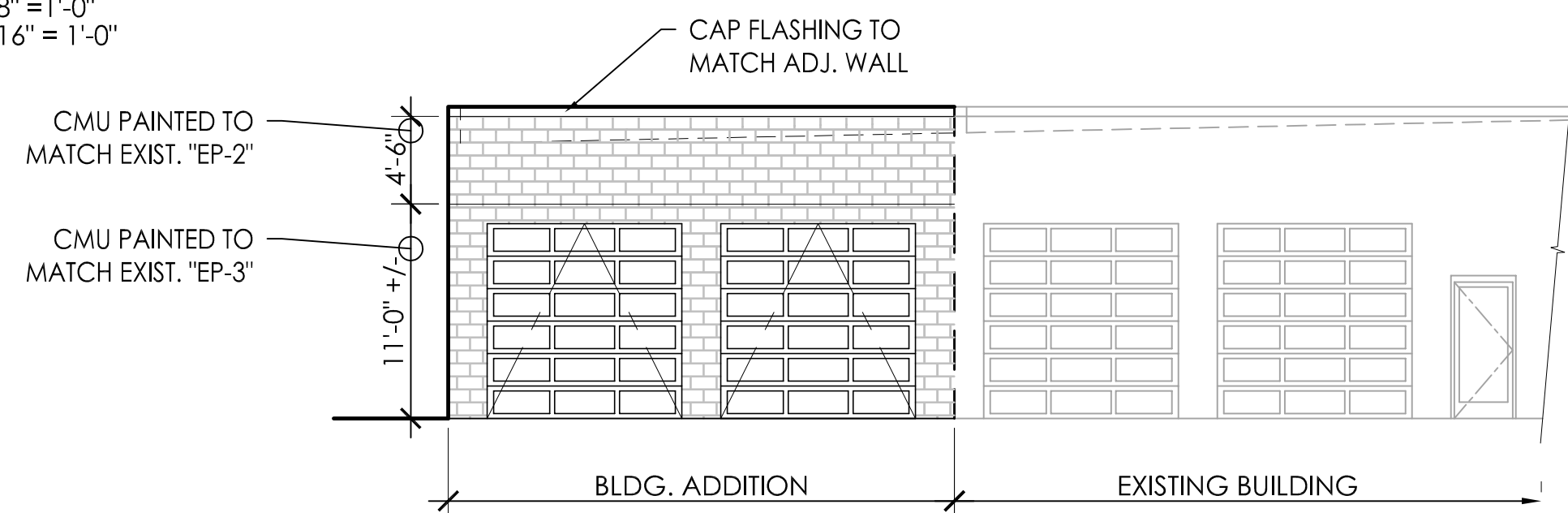
WEST ELEVATION

22' x 34" - 1/8" = 1'-0"
11" x 17" - 1/16" = 1'-0"



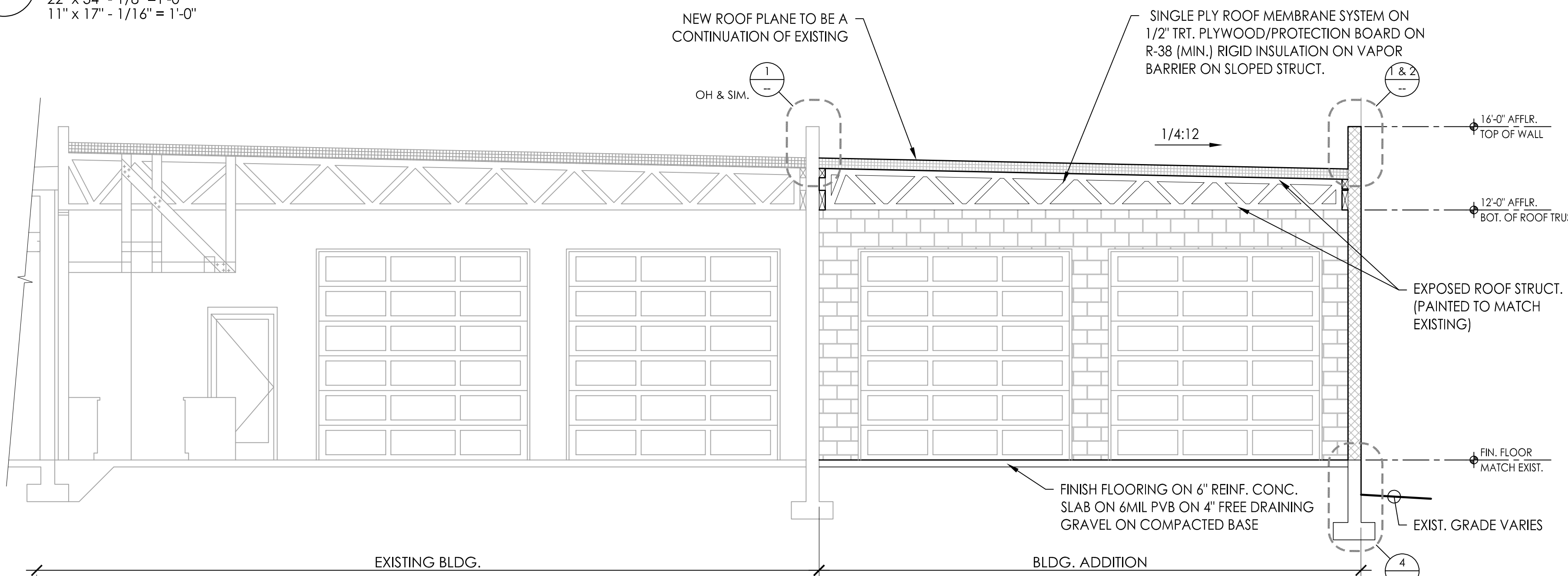
SOUTH ELEVATION

22' x 34" - 1/8" = 1'-0"
11" x 17" - 1/16" = 1'-0"



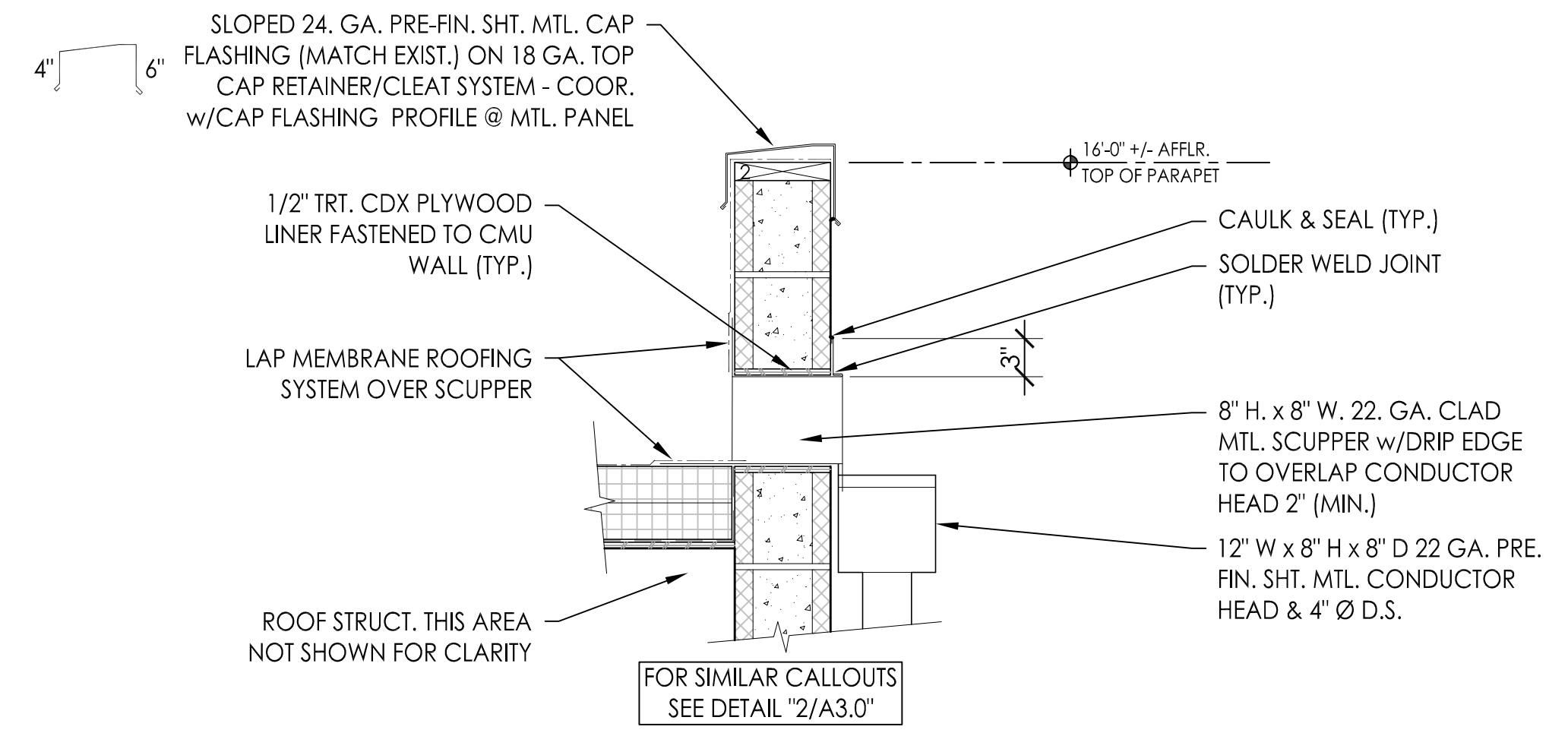
EAST ELEVATION

22' x 34" - 1/8" = 1'-0"
11" x 17" - 1/16" = 1'-0"



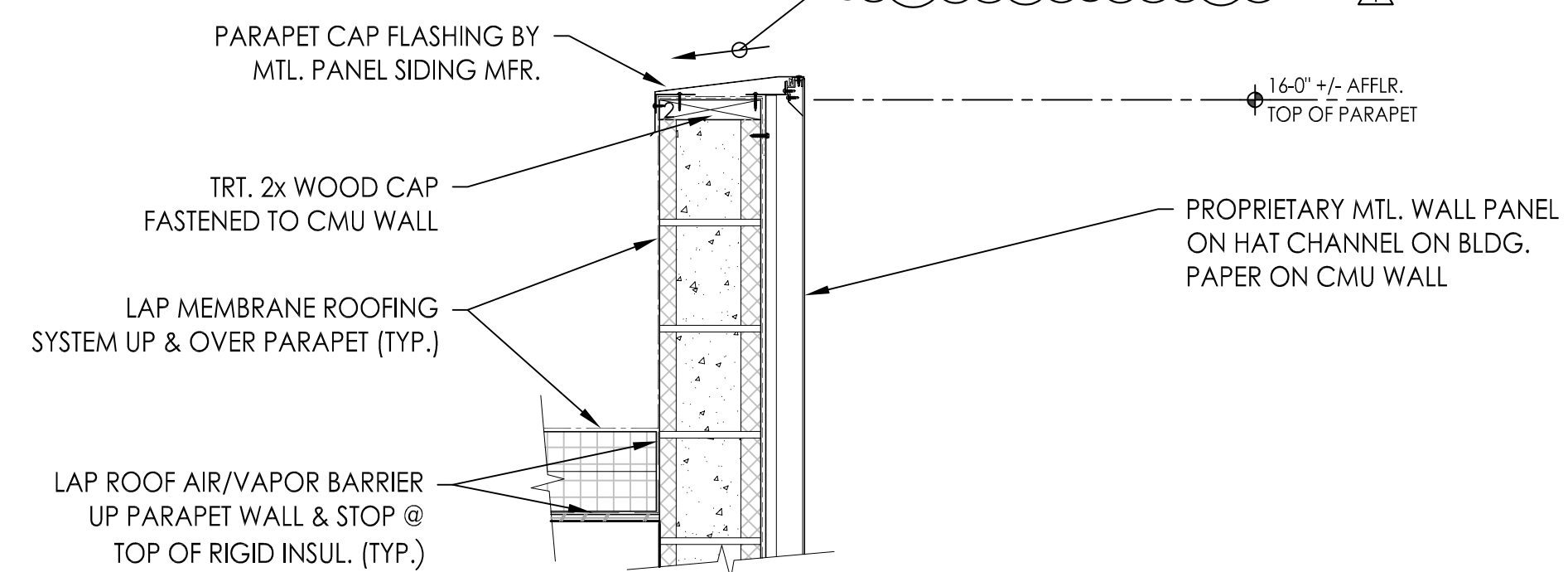
BUILDING SECTION "A"

22' x 34" - 1/8" = 1'-0"
11" x 17" - 1/16" = 1'-0"



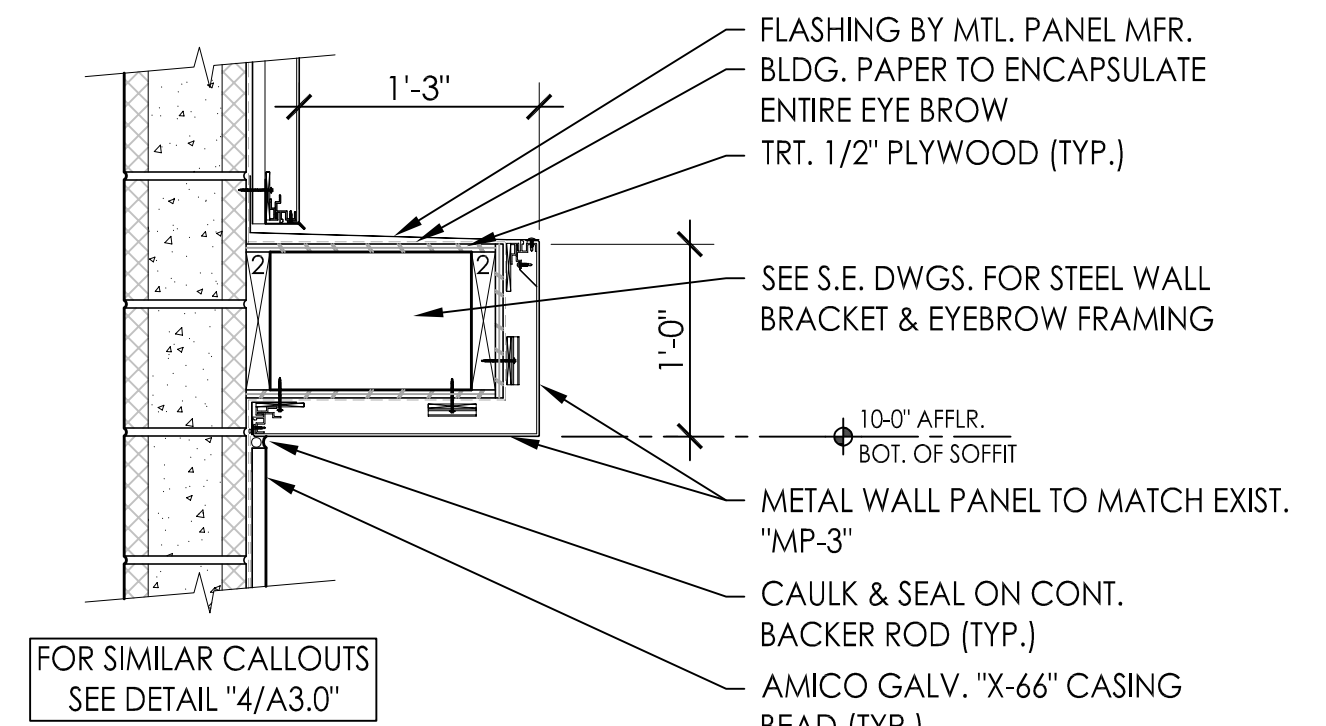
1 PARAPET/SCUPPER

22' x 34" - 1" = 1'-0"
11" x 17" - 1/2" = 1'-0"



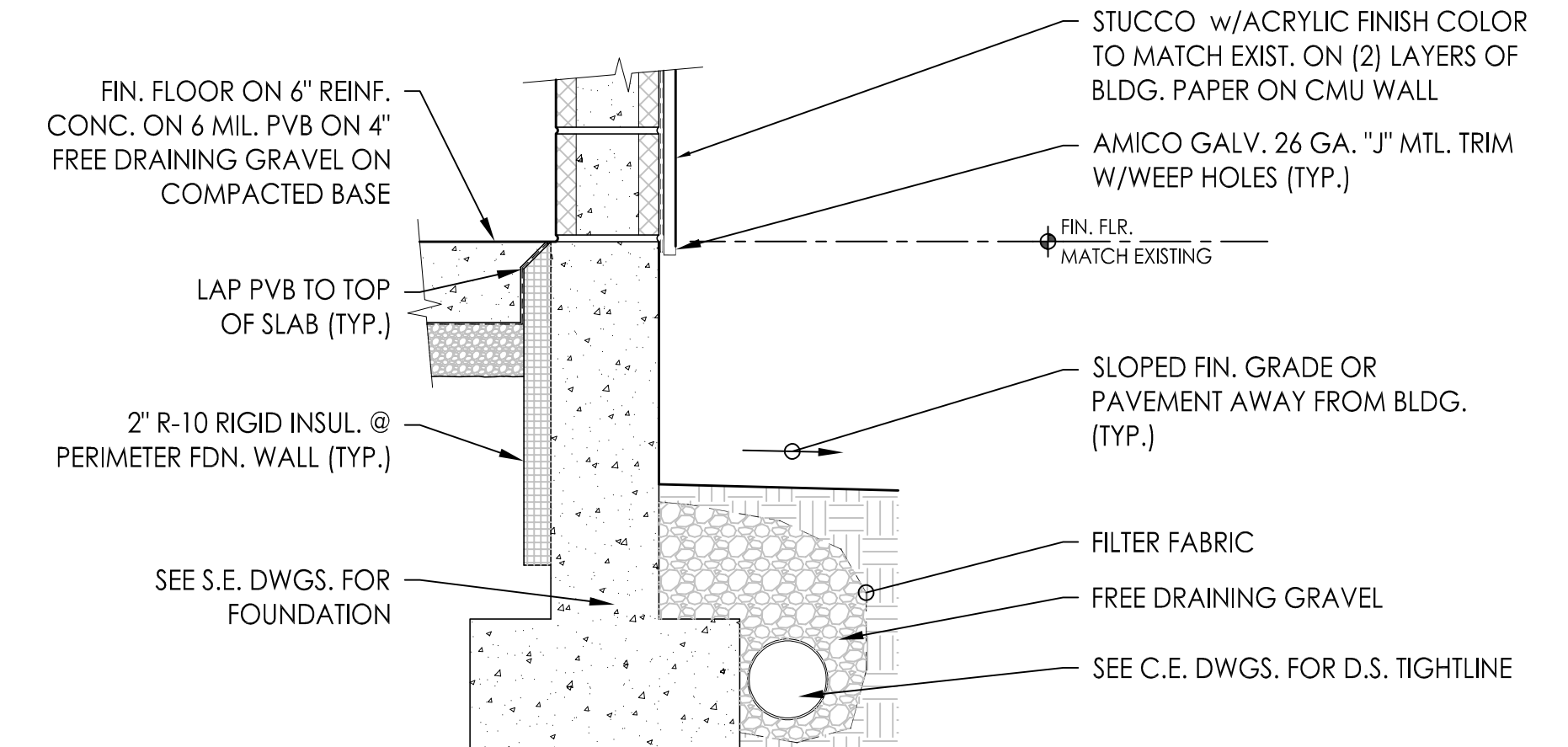
2 PARAPET DETAIL

22' x 34" - 1" = 1'-0"
11" x 17" - 1/2" = 1'-0"



3 SERVICE DRIVE EYEBROW DETAIL

22' x 34" - 1" = 1'-0"
11" x 17" - 1/2" = 1'-0"



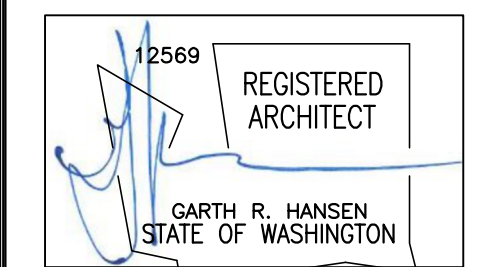
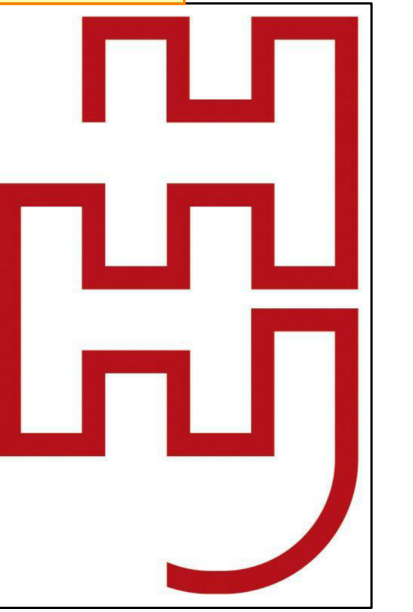
4 FOOTING DETAIL @ SERVICE

22' x 34" - 1" = 1'-0"
11" x 17" - 1/2" = 1'-0"

South elevation is visible from a public street and is at least 400SF. This wall will be required to use at least 400SF of the area of the exterior wall or techniques for non-residential design review (or building wall facade articulation (PMC 20.26.300 (2)(a)).

Reflect chosen methods on this plan set and updated design review worksheet.

[construction plan set, A3.0]



1.0 Construction Notes.

Any discrepancy found among the drawings, these notes, and the site conditions shall be reported to the Architect/Engineer, who shall correct such discrepancy in writing. Any work done by the Contractor after discovery of such discrepancy shall be done at the Contractor's risk. The Contractor shall verify and coordinate the dimensions among all drawings prior to proceeding with any work or fabrication. The Contractor is responsible for all erection bracing, formwork and temporary construction shoring.

1.10 Bidder's warranty.

By the act of submitting a bid for the proposed contract, the Contractor warrants that: The Contractor and all subcontractors he intends to use have carefully and thoroughly reviewed the drawings and structural notes and have found them complete and free from ambiguities and sufficient for the purpose intended; further that, The Contractor has carefully examined the site of the work and that from his own investigations, he has satisfied himself as to the nature and location of the work, as to the character, quality, quantities of material and difficulties to be encountered, as to the extent of equipment and other facilities needed for the performance of the work and as to the general and local conditions, and other items which may in any way affect the work or its performance, further that, The Contractor and all workmen he intends to use are skilled and experienced in the type of construction represented by the drawings and documents bid upon; further that, Neither the Contractor nor any of his employees, agents, intended suppliers, or subcontractors have relied upon any verbal representations allegedly authorized or unauthorized from the owner or his employees or agents, including the Architect or Engineers, in assembling the bid figures; further that, The bid figure is based solely upon the construction contract documents and properly issued written addenda and not upon any other written or verbal representations.

1.20 Codes.

All methods, materials and workmanship shall conform to the 2021 International Building Code (IBC) as amended and adopted by the local building authority. All reference to other codes and standards, (ACI, ASTM, etc.), shall be for the latest or most current edition available.

1.30 Design criteria.

Table with 3 columns: Loads, Live load, Dead load. Rows: Slab-on-grade (125 psf), Roof (25 psf).

*15% Increase in stresses for wood framing allowed for snow live load.

Concentrated loads: Mechanical units or other concentrated loads on roof or floor. All manufacturers of pre-engineered systems shall locate, coordinate, verify weights, etc., And design their system for these loads.

Table with 2 columns: Lateral loads, Wind (IBC 1609), Earthquake Design Data (IBC 1613). Rows: 47 MPH - 3 second gust (USD), Exposure B, etc.

1.40 Soil data. 1500 psf - Assumed. Contractor to verify

1.50 Inspection - see specifications. 1.60 Differed Submittals / Shop drawings. Submit differed submittals / shop drawings to be reviewed by the Engineer for the following: Pre-engineered Steel/Wood Trusses (Washington State seal required) Red iron

1.70 Miscellaneous.

Verify all dimensions and conditions in the field. Verify size and location of all openings in the floors, roof and walls with Architectural, mechanical and electrical drawings. Construction details not specifically shown on the drawings shall follow similar details of sections of this project as approved by the Architect/Engineer. See architectural, mechanical and electrical drawings for dimensions and locations of openings not dimensioned or shown on structural plans.

1.80 Special Inspections

Special inspection in accordance with IBC section 1704 shall be provided for the following work items: (Refer to Section 1704 for complete descriptions)

Table with 3 columns: Item, Required for, Frequency. Rows: Reinforced Concrete, CMU, Structural steel.

Table with 3 columns: Structural steel Welding, Timber, All penetration groove welds, Shear wall and diaphragm nailing, etc.

1.90 Quality Assurance

Quality Assurance Plans for Seismic Resistance: Unless otherwise provided by the Architect or other Consultants for this project, the Contractor shall provide quality assurance for each of the following systems: Piping systems and mechanical units containing flammable combustible or highly toxic materials. Anchorage of electrical equipment used for emergency or standby power systems.

Each Contractor responsible for the construction of the building's seismic-force-resisting system or other system listed in the quality assurance plan(s) shall submit a written contractor's statement of responsibility to the Building Official, Owner and Architect prior to commencement of the work on that system. The statement of responsibility shall meet all the requirements of IBC 1705.3.

2.0 Site work.

2.10 Excavation. Excavate to depth shown and to firm undisturbed material. Over-excavations shall be backfilled with lean concrete (f'c = 2,000 psi) at the Contractor's expense. Exercise extreme care during excavation to avoid damage to buried lines, tanks, and other concealed items. Upon discovery, do not proceed with work until receiving written instructions from Architect. A competent representative of the owner shall inspect all footing excavations for suitability of bearing surfaces prior to placement of reinforcing steel. Provide drainage as necessary to avoid water-softened subgrade.

2.20 Fill, backfill and compaction. Backfill against walls shall not be placed until after the removal of all material subject to rot or corrosion. All fill placed against retaining walls or basement walls shall be free-draining granular material. Structural fill other than pea gravel shall be granular, placed in 6 inch lifts and compacted to at least 95% of its maximum dry density as determined by ASTM D-1557 (Mod. Proctor) and ASTM D-698 (Standard Proctor). Pea gravel fill shall have a maximum particle size of 3/8" diameter.

3.0 Structural Concrete.

3.10 General. All concrete shall be hard rock concrete meeting requirements of ACI-301, "Specifications for Structural Concrete for Buildings." Proportioning of ingredients for each concrete mix shall be by method 2 or the alternate procedure given in ACI-301. Place concrete per ACI-304 and conform to ACI-604(306) for winter concreting and ACI-605(305) for hot weather concreting. Use interior mechanical vibrators with 7,000 rpm minimum frequency. Do not over-vibrate. Concrete shall be placed in a single pour between construction or control joints. Protect all concrete from premature drying, excessive hot or cold temperature for seven days after placing.

3.20 Strength. Twenty-eight day compressive strengths shall be:

Table with 3 columns: Slabs, Beams, columns, vertically, Formed walls, Footings. Rows: 3000, 2500, 2500, 3" +/- 1", 4" +/- 1"

These slumps may be increased with proper addition of admixtures for workability without changing the water content of the original approved mix design. Admixtures containing chlorides are not permitted unless approved by the Engineer.

3.30 Materials.

Cement: ASTM 150, type I or type I-II. Engineer's approval is needed for use of type III cement. Coarse and fine aggregate: ASTM C-33. Water shall be clean and potable.

3.40 Water reducing admixtures.

Water reducing admixture: ASTM C-494. Admixtures shall be used in exact accordance with manufacturer's instructions. Synergized performance systems: Concrete using admixtures to produce flowable concrete may be used subject to Engineer's approval. Air entrainment: ASTM C-260 and ASTM C-494, entrain 4% plus/minus 1% by volume in all exposed concrete. No other admixtures permitted unless approved by the Engineer.

3.50 Formwork and shoring.

Follow recommended practice for concrete formwork (ACI-347). Reshoring for early removal of original supports will not be permitted. While reshoring operations are underway, no construction loads will be permitted on the new construction. All shoring shall be the responsibility of the Contractor. Formwork supports and shoring shall be designed to provide finished concrete surfaces at all faces level, plumb, and true to the dimensions and elevations shown. Tolerances and variations shall be as specified.

3.60 Reinforcing steel.

Detail, fabricate, and place per ACI-315 and ACI-318. Support reinforcement with approved chairs, spacers, or ties. Deformed bar reinforcement: ASTM A-615 Grade 60. Welded deformed bar reinforcement: ASTM A-615 Grade 60 or 40, weldable grade, submit weld procedures and mill certificates showing carbon content for all bars to be welded. Welded wire fabric: ASTM A-185 & ASTM A-82 fy = 65 ksi. Deformed bar anchors: ASTM A-496

All reinforcing shall be lap-spliced a minimum lap of 40 bar diameters except as noted specifically on the structural drawings. No more than 50% of horizontal or vertical bars shall be spliced at one location. Provide elbow bars (40 diameter) to lap horizontal steel at corners and intersections in footings and walls. Lap welded fabric 12" or one spacing plus 2", whichever is more.

3.70 Concrete cover on reinforcing (unless shown otherwise).

Table with 3 columns: Bottom of footings, Formed earth face & slab-on-grade, Walls, weather face, Columns and beams to stirrups, Bottom of interior slab, Walls, inside face. Rows: 3", 2", 1-1/2", 1-1/2", 3/4", 1"

3.80 Construction joints.

Construction joint spacing in walls shall not exceed 50' on center except as directed by the Architect/Engineer. Horizontal construction joints in beams and girders are not permitted except where indicated. Vertical construction joints in beams and slabs shall be located between the midpoint and the third point of the span. Unless noted otherwise, location of the construction or control joints in slab-on-grade shall be on column grids or under permanent partitions and shall not exceed 20'-0" c/c each way. No joists, beams or girders shall be sleeved for piping or conduit except as noted on the structural drawings or as approved by the Architect/Engineer. Electrical conduit in slabs, shall be placed at the mid-depth of the slab at a minimum spacing of three times the conduit diameter. Conduit outside diameter shall not exceed one-third of the slab thickness. Provide control joints in exposed hollow core topping at each end of each hollow core plank. Provide additional joints parallel to owners at 6' o/c maximum.

4.0 Masonry.

4.01 Mortar and grout. Mortar: ASTM C-270, type s, f'c = 1800 psi (28 days) grout: ASTM C-476, f'c = 2500 psi (28 days). Minimum cement content 517 lbs per cu. Yard. Minimum 3/8" size aggregate. Slump 5" - 8". 4.02 Reinforcement - see section 3.0 Above.

4.03 Concrete Masonry Units (CMU).

Units shall conform to ASTM C-90, grade N-I and shall have a minimum face shell thickness of 1-1/4". Minimum compressive strength f'm = 1350 psi (1500 psi when solidly grouted).

4.04 Hollow clay masonry units.

Units shall conform to ASTM C-652-HB5-SW as modified by ICB0 research approval #2130 for grade I, type I, H6000.

4.05 Installation.

Shall be per specifications for masonry structure ACI 530.1-02 for reinforced hollow unit masonry.

5.0 Metals.

5.10 Welding. All welding shall be in accordance with the "Structural Welding Code" ANSI/AWS D1.1. In the case of welding reinforcing bars, all welding shall be in accordance with ANSI/AWS D1.4. Welding of reinforcement bars shall not be allowed except where shown. Materials: use only E60 or E70 electrodes. All welding shall be by certified welders. All full penetration welds shall be inspected by ultrasonic non-destructive testing procedures. Submit test results to Architect/Engineer for review.

5.20 Structural steel.

All detailing, fabrication, and erection shall conform to also "manual of steel construction", latest edition. Materials: Steel shapes/plates ASTM A-36 Pipe columns ASTM A-53, type E or S (fy=36 ksi.) Tube columns ASTM A-500, grade B (fy=46 ksi.) Bolts, nuts ASTM A-307 unless noted otherwise

Metal protection: all steel exposed to weather, moisture, soil, or as noted shall be galvanized per ASTM A-123 (1.25 Oz/sf minimum). All other steel surfaces to be shop primed after fabrication.

6.0 Wood.

6.10 General. Framing lumber shall be DF#2 or better, except that 2x framing lumber may be HF #2 unless otherwise shown on the plans. All 2" lumber shall be kiln dried (KD). Each piece of lumber shall bear a grade stamp of a recognized lumber grading or inspection bureau or agency per the NIST American Softwood Lumber Standard PS 20-99.

Provide cut or malleable iron washers or where bolt heads, nuts, and lag screws bear on wood.

Treat all wood in contact with concrete, mortar, grout, masonry, and within 6" of earth; all wood over water; and all wood in contact with earth; with one of the following processes:

- Chromated Copper Arsenate (CCA-C) DOT Sodium Borate (SEB) Alkaline Copper Quat ACQ-C and ACQ-D (Carbonate) Copper Azole (CBA-A and CA-B)

Where possible, pre-cut material before treatment. All field cuts and drilled holes shall be field treated in accordance with AHPA M-4.

6.20 Accessories.

6.20 Accessories. Bolts shall be ASTM A-307. Washers shall be malleable iron washers (M.I.W.) or heavy plate cut washers. Nails shall be common, American or Canadian manufacturers only. Lag screws, shear plates - see national design specifications. Anchors and connections shall be Simpson, Tolo, Lumberlok or other International Code Council (ICC) approved products. All fasteners shall be installed per manufacturer's recommendations unless otherwise shown.

All hardware exposed to weather, in untreated portions of building, or in contact with treated wood as specified above shall be galvanized as follows: Fasteners shall be hot dipped per ASTM A 153 or mechanically galvanized per ASTM B 645, class 55 or greater. Hardware shall be galvanized per one of the following processes: ASTM A 653 Class 185 (Simpson ZMax G185) or Batch/Post Hot Dipped Galvanized per ASTM A 123.

Stainless steel hardware and fasteners shall be used in connection with any preservative treatment process not specifically listed above.

6.30 Minimum nailing. Minimum nailing shall be per 2021 IBC table 2304.10.2 Fastener requirements.

6.40 Sheathing (plywood/osb). All grading shall conform to the following standards: NIST Voluntary Product Standard PS 2-42. Thickness and lay-up shall be as shown. All plywood shall be group I or II species. Unless otherwise shown, provide the following minimum nailing: Panel edges 8d at 6" on center Intermed. Support 8d at 12" on center

6.50 Glue/Lam Beams. Materials, manufacture and quality control shall be per ANSI/AITC A-1901 "Structural Glue Laminated Timber". Unless otherwise shown, camber all beams 1-1/2 times dead load deflection. Unless otherwise shown all beams shall be combination 24F-1.8E as listed in AWC-ASD table 3.1, and have exterior glue. Unless otherwise shown, industrial appearance is acceptable.

6.60 Wood adhesive. All wood adhesives shall be elastomeric and shall have a current ICC-ES approval. Apply all adhesives in accordance with the adhesive manufacturer's recommendations.

6.70 Pre-Engineered Trusses.

Member geometry and spacing shall be as shown on the plans. The manufacturer shall provide additional framing member as shown or as necessary to provide support for mechanical equipment, wall or other partitions, snow drift loads, etc. Trusses with spans greater than 35' shall have the heel plates designed considering the effect of eccentric loading.

Where noted pre-cut blocking, bridging, bracing and/or filler pieces shall be furnished by the manufacturer. Where applicable, wind uplift bracing shall be provided by the manufacturer. Unless noted otherwise, the truss manufacturer shall specify and furnish connection hardware for the installation of their system.

Shop drawings shall indicate all required permanent bracing. Supporting calculations shall indicate member stresses, species/grades and applicable ICC-ES approvals. Shop drawings and calculations shall be sealed by a professional engineer registered in the State of Washington.

Metal plated trusses shall be manufactured a detailed in conformance with the following standards:

- ANSI/TPI 1-2002 National Design Standards for Metal Plate Connected Wood Truss Construction. ANSI/TPI 1-1995 Code of Standard Practice for the Metal Plate Connected Wood Truss Industry. ANSI/TPI 2-1995 Standard for Testing Metal Plate Connected Wood Trusses.

When delivered, the components shall be accompanied by the fabricators certificate of conformance to the above referenced standards, and by the following user advisory notices (or notices equivalent) to:

- BC51-B1 Summary Sheet - Guide for Handling, Installation and Bracing of Metal Plate Connected Wood Trusses. BC51-B2 Summary Sheet - Truss Installation and Temporary Bracing. BC51-B3 Summary Sheet - Web Member Permanent Bracing/Web Reinforcement. BC51-B4 Summary Sheet - Construction Loading.

TABLE 1705.3 REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

Table with 5 columns: TYPE, CONTINUOUS SPECIAL INSPECTION, PERIODIC SPECIAL INSPECTION, REFERENCE STANDARD, IBC REFERENCE. Rows 1-12 detailing inspection requirements for reinforcement, bar welding, anchors, etc.

ABBREVIATION MEANING ABBREVIATION MEANING

Table with 4 columns: ABBREVIATION, MEANING, ABBREVIATION, MEANING. Rows: @ (AT), B.U. (PARALLEL), BLKG. (BUILT UP), etc.

TABLE C-N5.4-1 Inspection Tasks Prior to Welding

Table with 2 columns: Inspection Tasks Prior to Welding, AWS D1.1/D1.1M References*. Rows: Welding procedure specifications (WPS) available, Manufacturer certifications for welding consumables available, etc.

TABLE C-N5.4-2 Inspection Tasks During Welding

Table with 2 columns: Inspection Tasks During Welding, AWS D1.1/D1.1M References*. Rows: Use of qualified welders, Control and handling of welding consumables, etc.

TABLE C-N5.4-3 Inspection Tasks After Welding

Table with 2 columns: Inspection Tasks After Welding, AWS D1.1/D1.1M References*. Rows: Welds cleaned, Size, length and location of welds, etc.

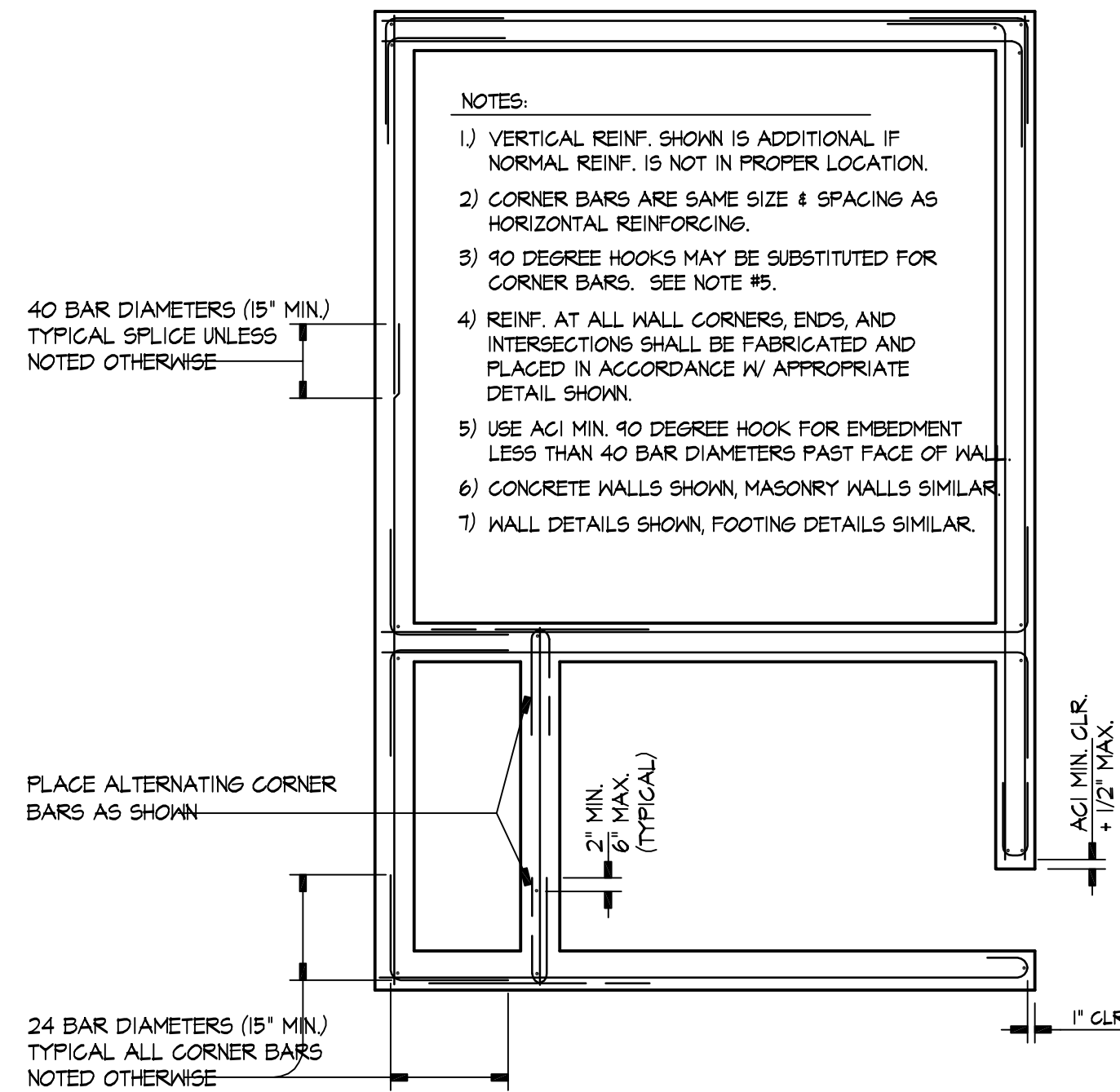
NOTE: SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE PROGRAM REQUIREMENTS OF TMS 402 AND TMS 602.

Vertical text: CONSULTING ENGINEER, C. CHRISTIAN FUNDOR PE, 12181 "C" STREET S., TACOMA, WA, 98444 • (253) 537-8128 • FAX 531-1285

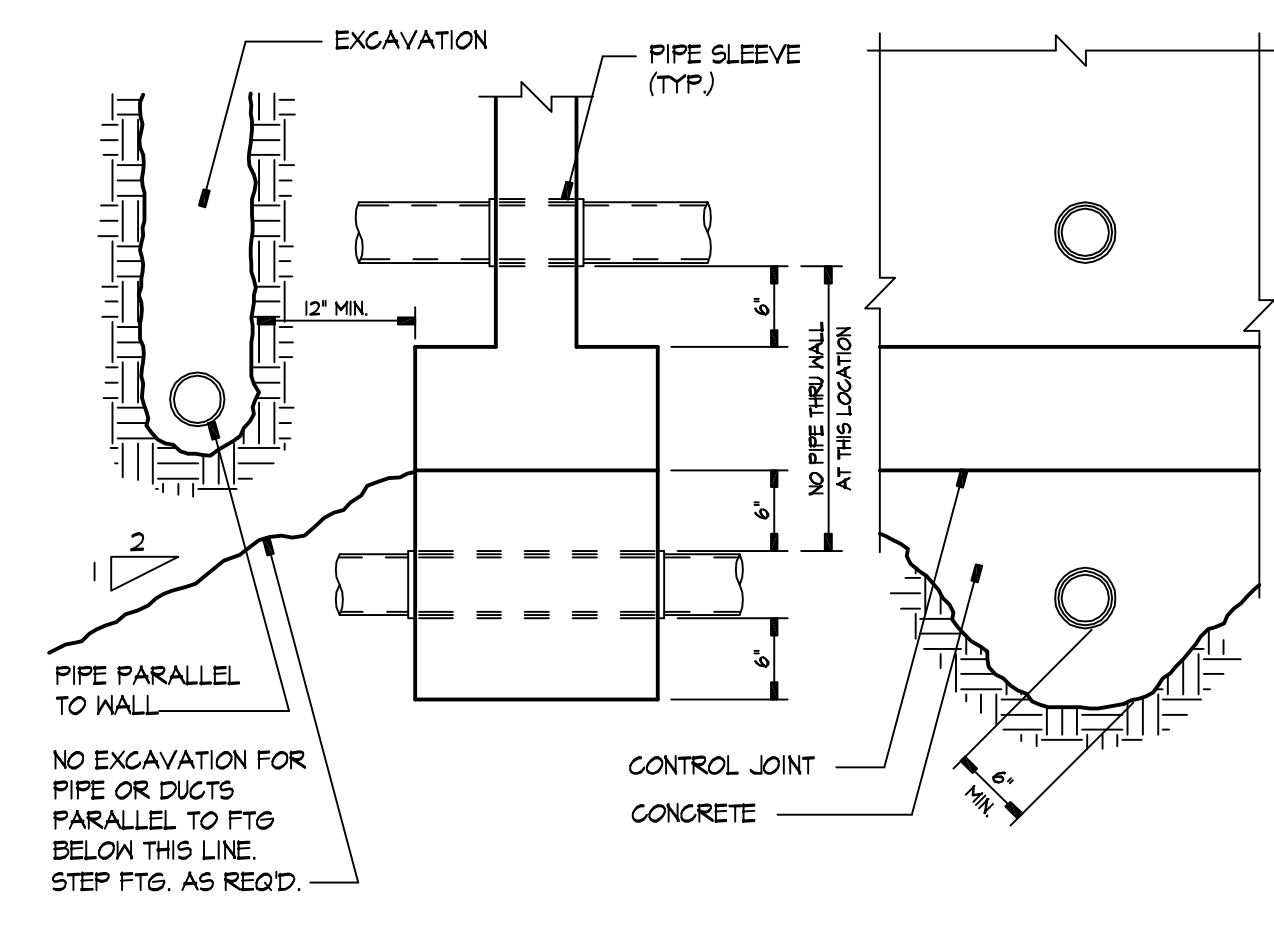


Vertical text: GENERAL NOTES, PUYALLUP MAZDA CUSTOMER SERVICE DROP-OFF EXPANSION, 608 RIVER ROAD, PUYALLUP, WA 98371

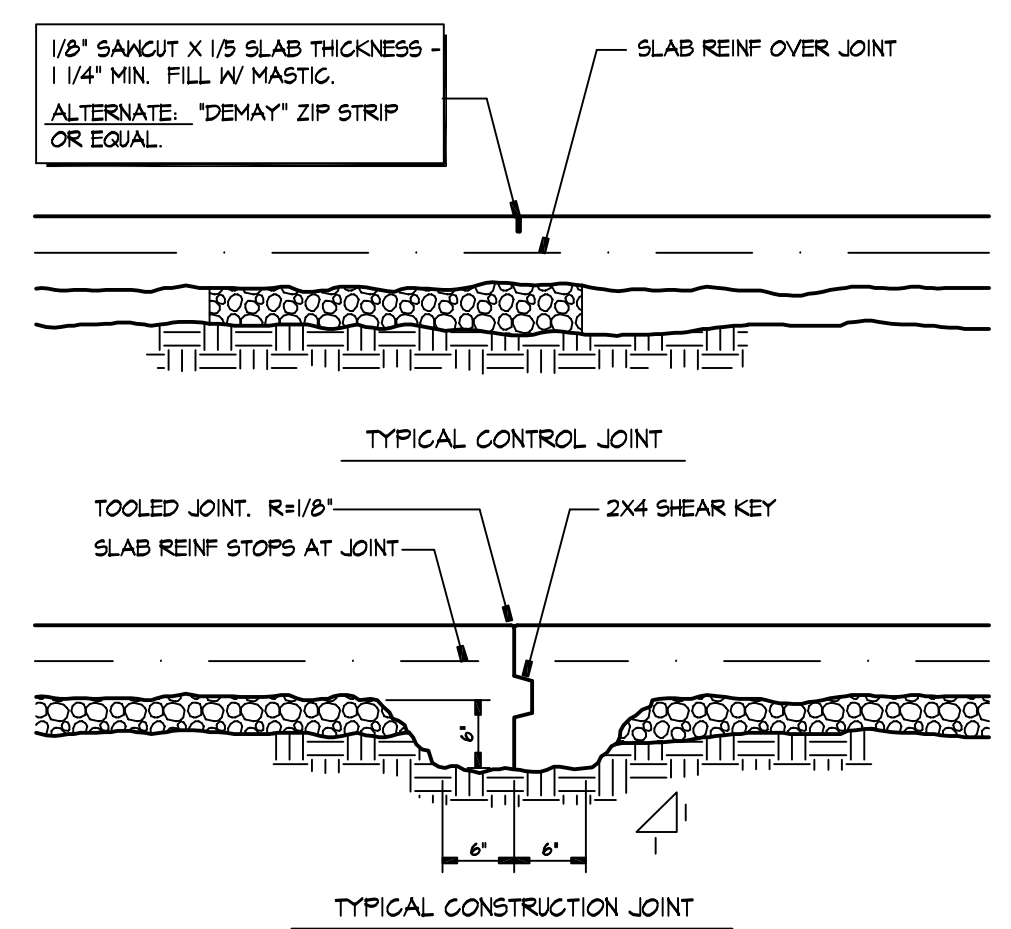
Design/Checker/Issue Date/Revision/Client Ref./CAD Ref./SHEET NO. REV. S1.0



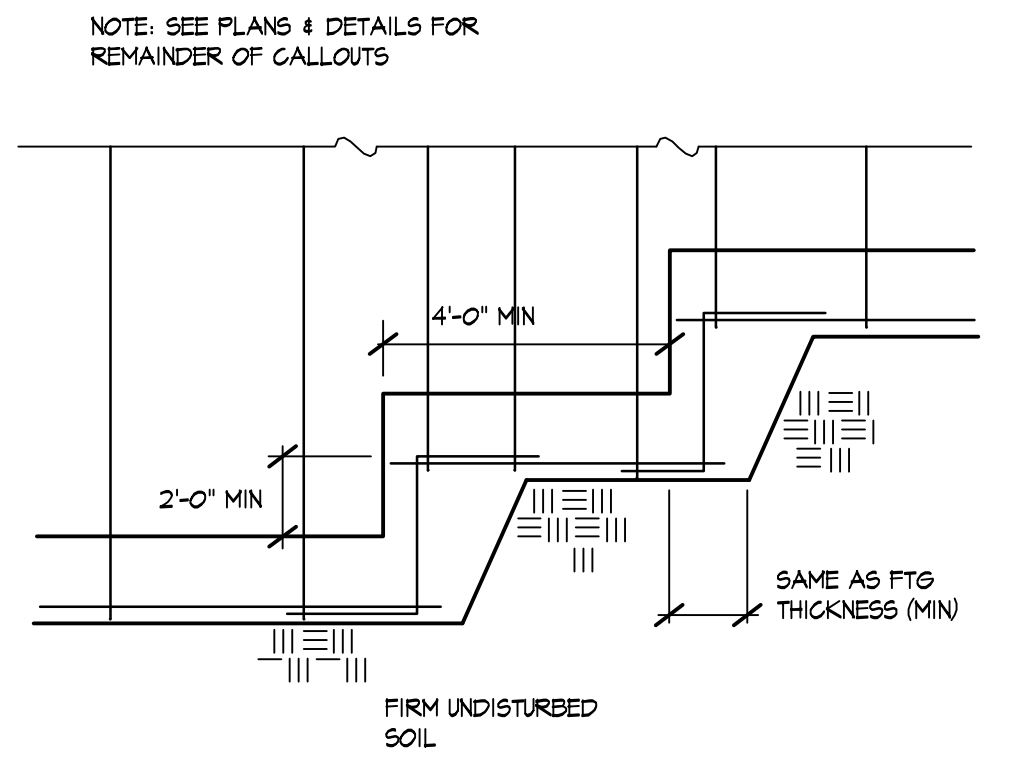
1 TYPICAL REINFORCEMENT PLACING DETAIL NTS



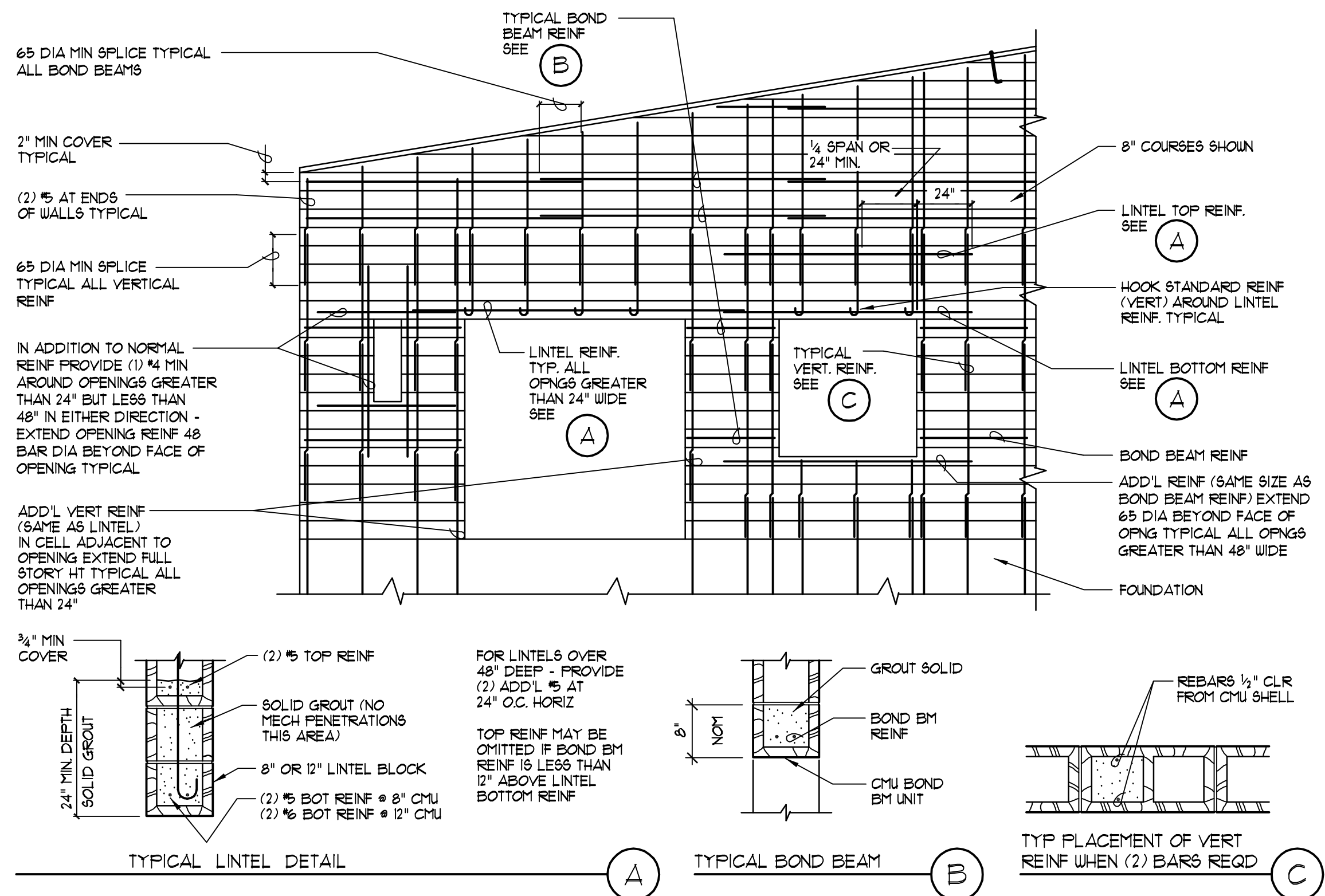
2 TYPICAL DETAIL OF PIPE @ CONCRETE FOOTING NTS



3 TYPICAL SLAB JOINT DETAILS NTS



4 TYPICAL STEPPED FTG DETAIL NTS



5 TYPICAL MASONRY WALL ELEVATION NTS

NOTES:

1. TYPICAL REINFORCEMENT SHOWN USE MORE IF REQUIRED BY SPECIAL DETAIL
2. FOR CORNER BAR USE 30° SAME SIZE AND SPACING AS TYP HORIZ REINF
3. HOOK ALL REINF THAT CANNOT BE EXTENDED
4. GROUT ALL CELLS CONTAINING REINF ANCHOR BOLTS OR OTHER EMBEDDED ITEMS
5. SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE PROGRAM REQUIREMENTS OF THIS 402 AND THIS 602. THE FINAL SPECIAL INSPECTION REPORT(S) MUST BE ONSITE DURING CITY INSPECTIONS.

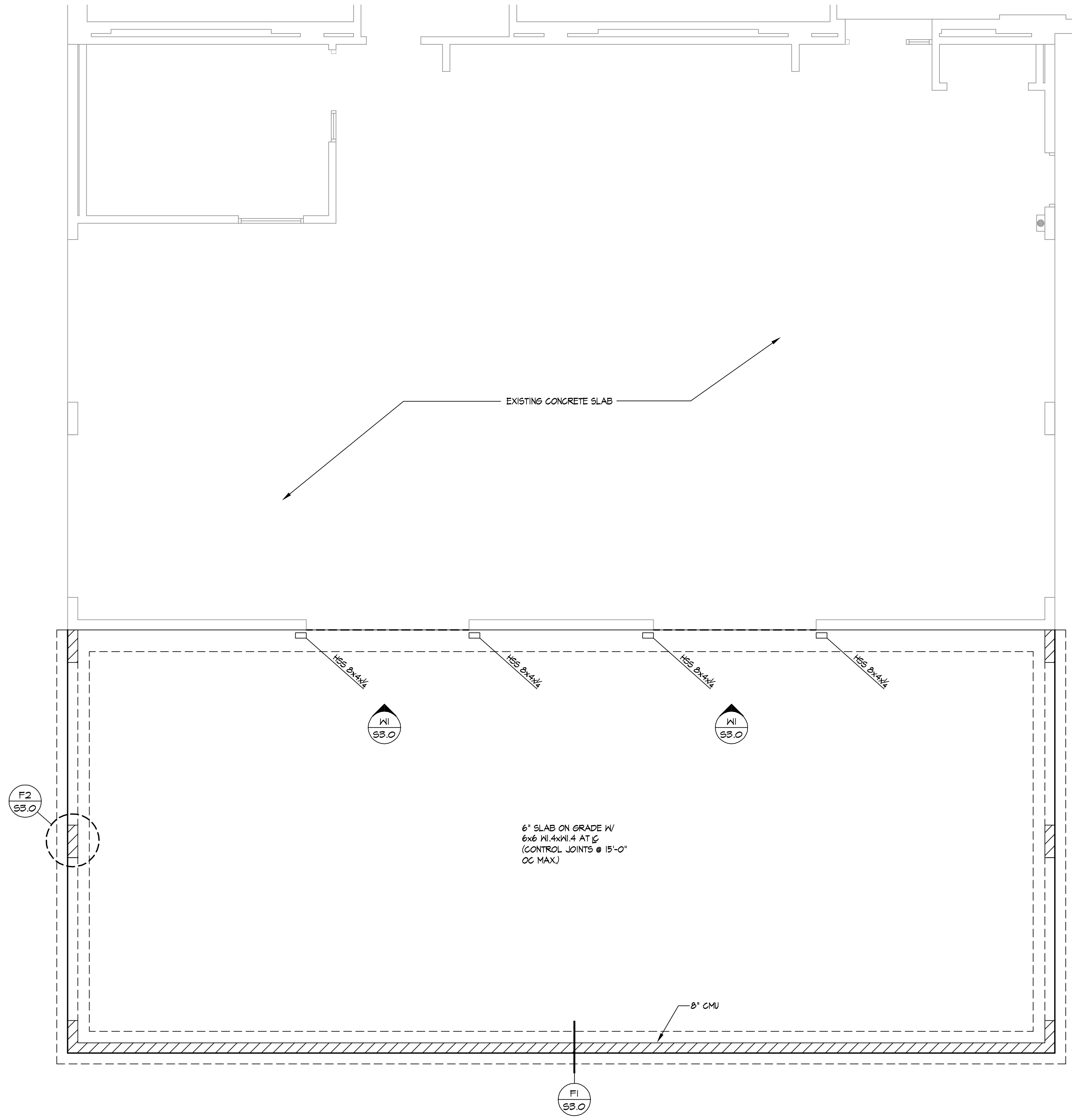
christian fundoe pe
CONSULTING ENGINEER
12181 "C" STREET S., TACOMA, WA, 98444 • (253) 537-8128 • FAX 531-1285



PUYALLUP MAZDA
CUSTOMER SERVICE DROP-OFF EXPANSION
608 RIVER ROAD
PUYALLUP, WA 98371
GENERAL DETAILS

Designer:	CCF
Drafter:	PDS
Checker:	
Issue Date:	DEC. 16, 2025
Revision:	
Project Ref.:	
Client Ref.:	
CAD Ref.:	
SHEET NO.	REV.

S1.1



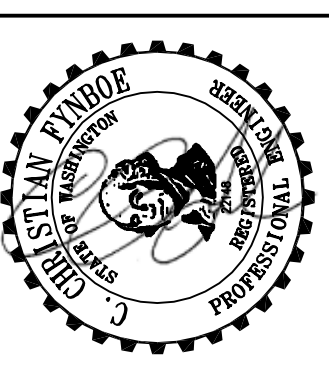
FOUNDATION PLAN

1/4" = 1'-0"

PRCA20251194

Rev.	Date	By
1	12/16/25	

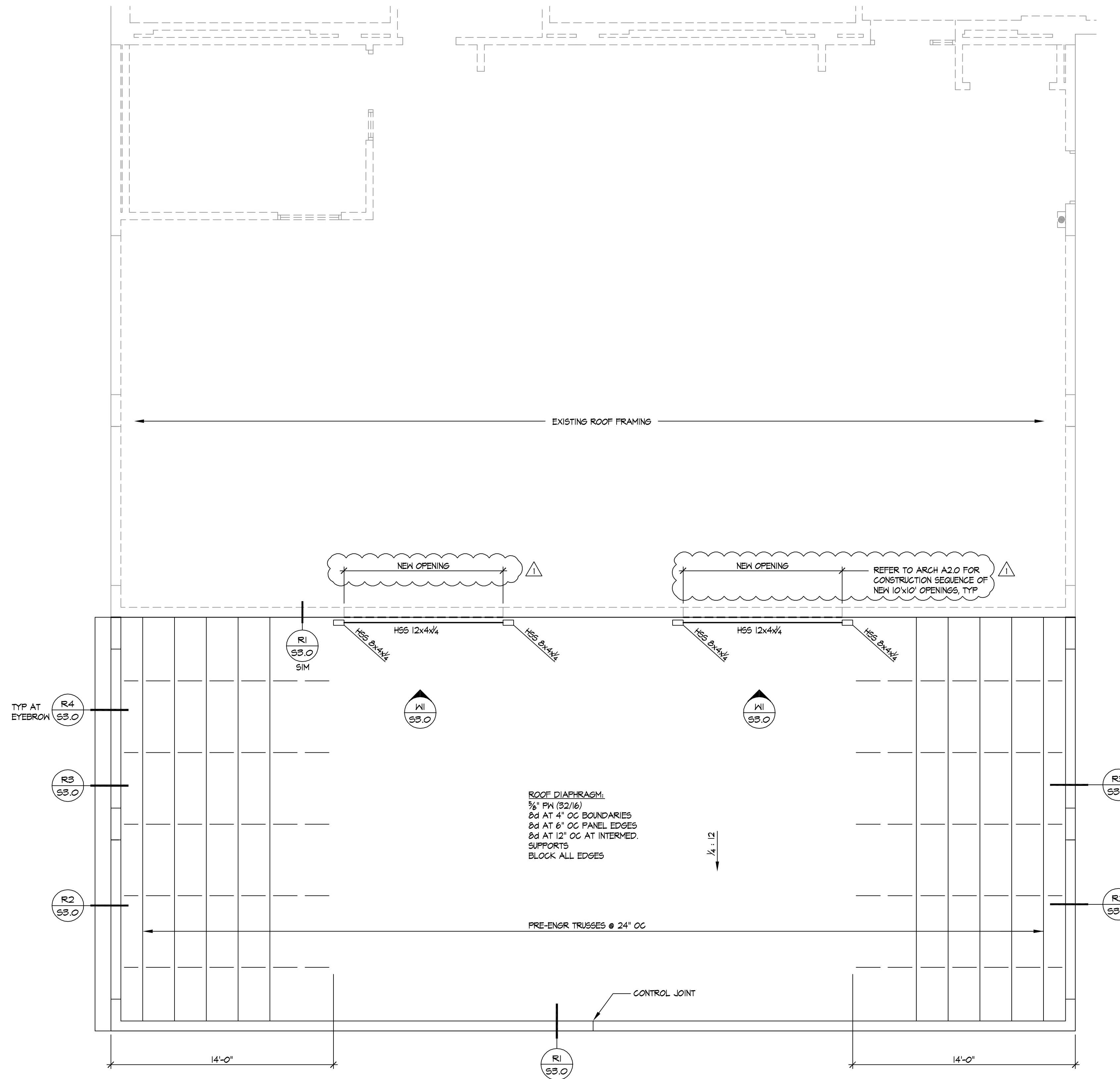
c christian funboe pe
CONSULTING ENGINEER
12181 "C" STREET S., • TACOMA, WA, 98444 • (253) 537-8128 • FAX 531-1285



**PUYALLUP MAZDA
CUSTOMER SERVICE DROP-OFF EXPANSION
608 RIVER ROAD
PUYALLUP, WA 98371
FOUNDATION PLAN**

Designer:	CCF
Drafter:	FDS
Checker:	
Issue Date:	DEC. 16, 2025
Revision:	
Project Ref.:	
Client Ref.:	
CAD Ref.:	

SHEET NO.	REV.
S2.0	1



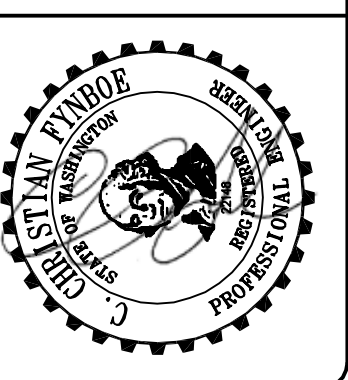
ROOF FRAMING PLAN

1/8" = 1'-0"

PRCA20251194

Rev.	△	
Date	12/16/25	
By		

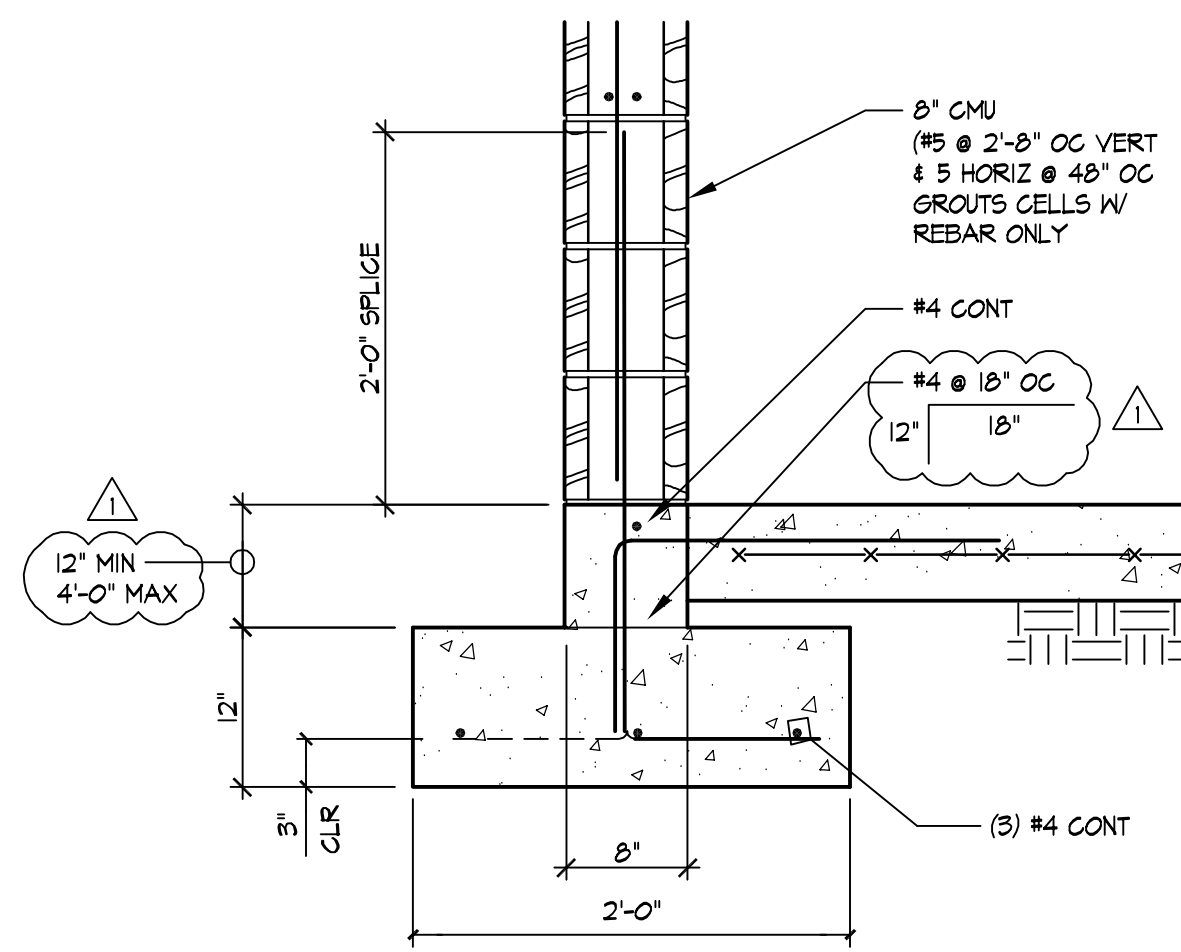
c christian funboe pe
 CONSULTING ENGINEER
 12181 "C" STREET S., • TACOMA, WA, 98444 • (253) 537-8128 • FAX 531-1285



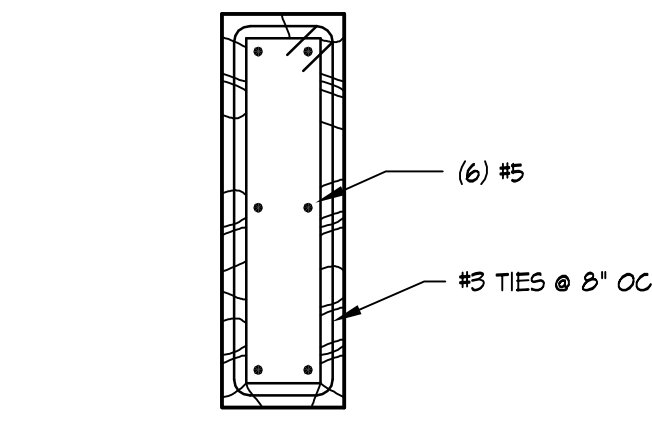
PUYALLUP MAZDA
 CUSTOMER SERVICE DROP-OFF EXPANSION
 608 RIVER ROAD
 PUYALLUP, WA 98371
ROOF FRAMING PLAN

Designer:	CCF
Drafter:	PDS
Checker:	
Issue Date:	DEC. 16, 2025
Revision:	
Project Ref.:	
Client Ref.:	
CAD Ref.:	

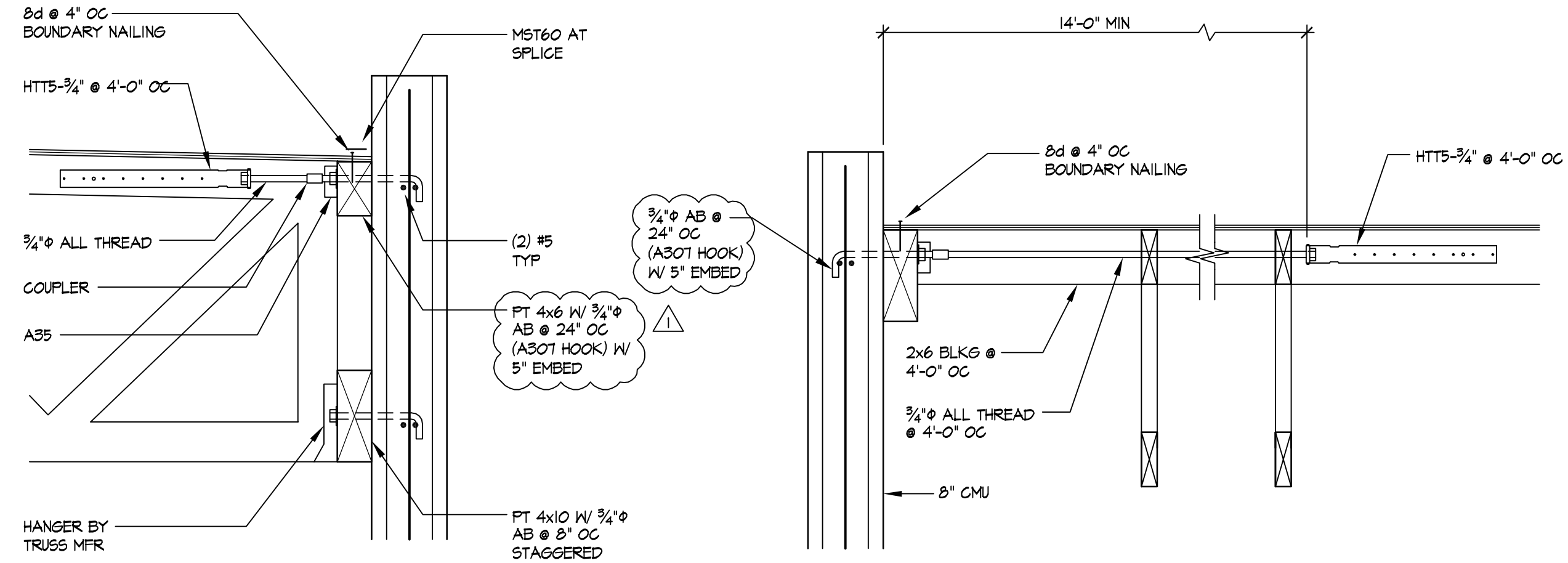
SHEET NO.	REV.
S2.1	△



F1 SECTION SCALE: 1" = 1'-0"

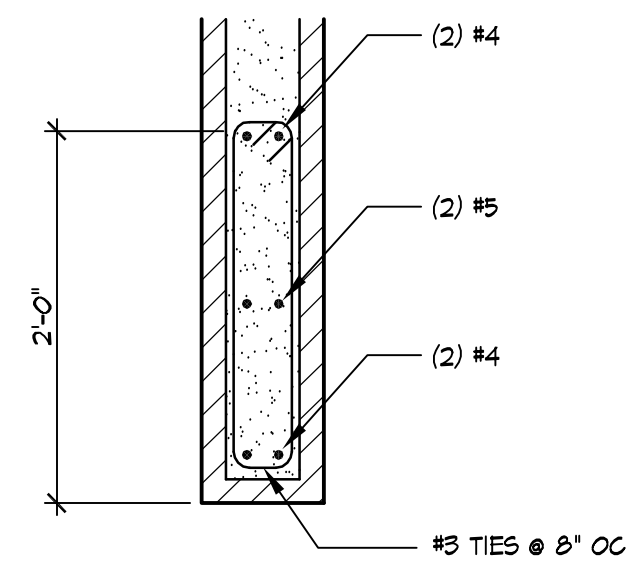


F2 PLAN SCALE: 1" = 1'-0"

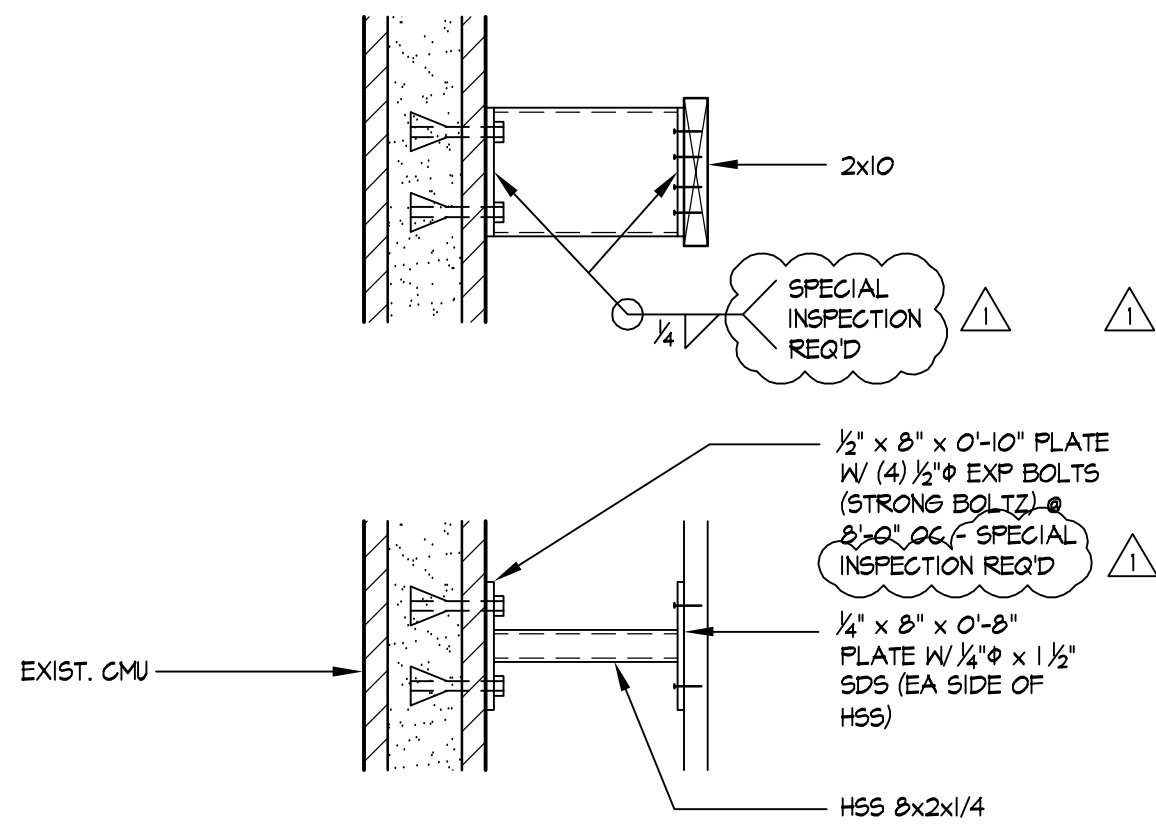


R1 SECTION SCALE: 1" = 1'-0"

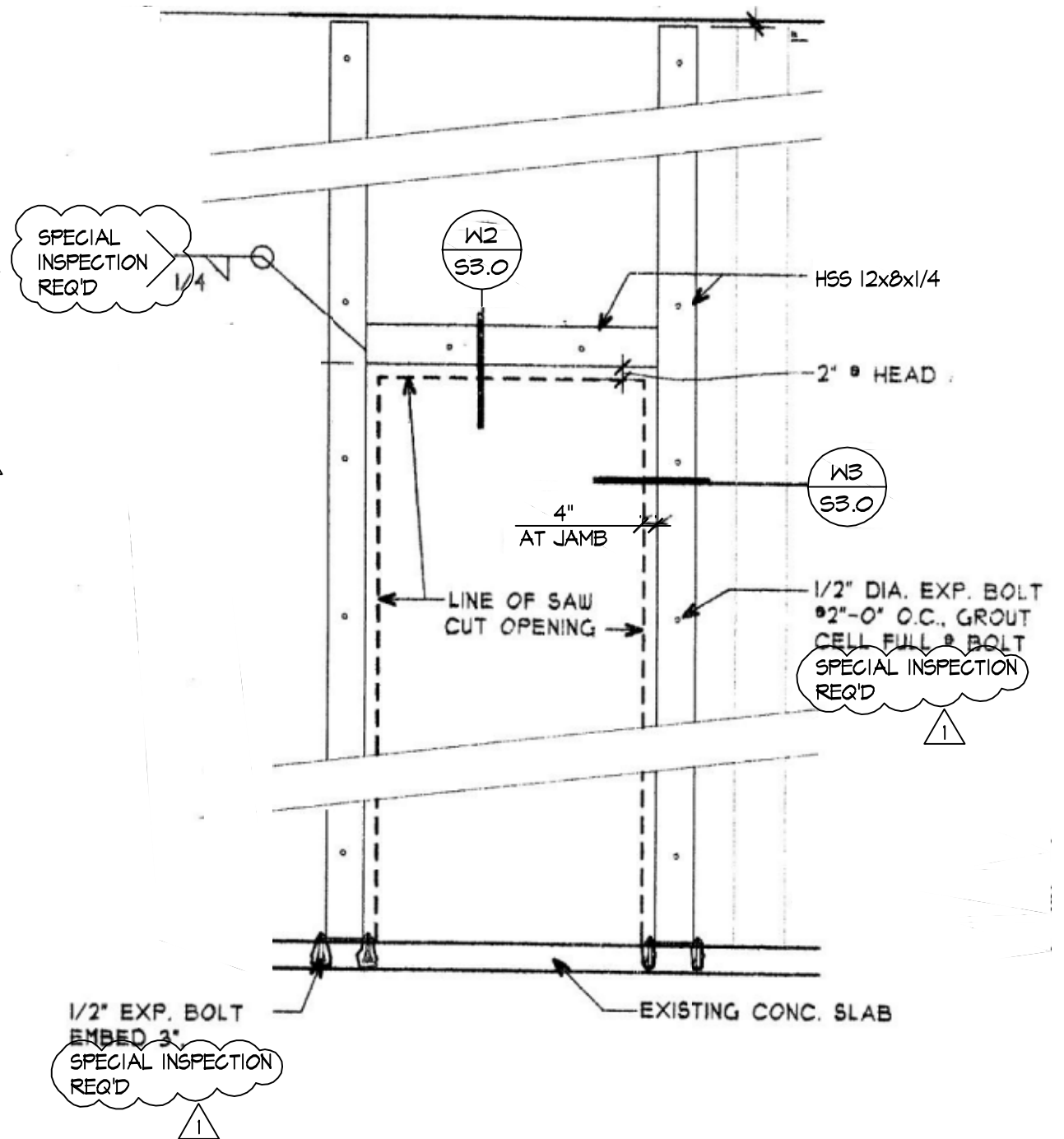
R2 SECTION SCALE: 1" = 1'-0"



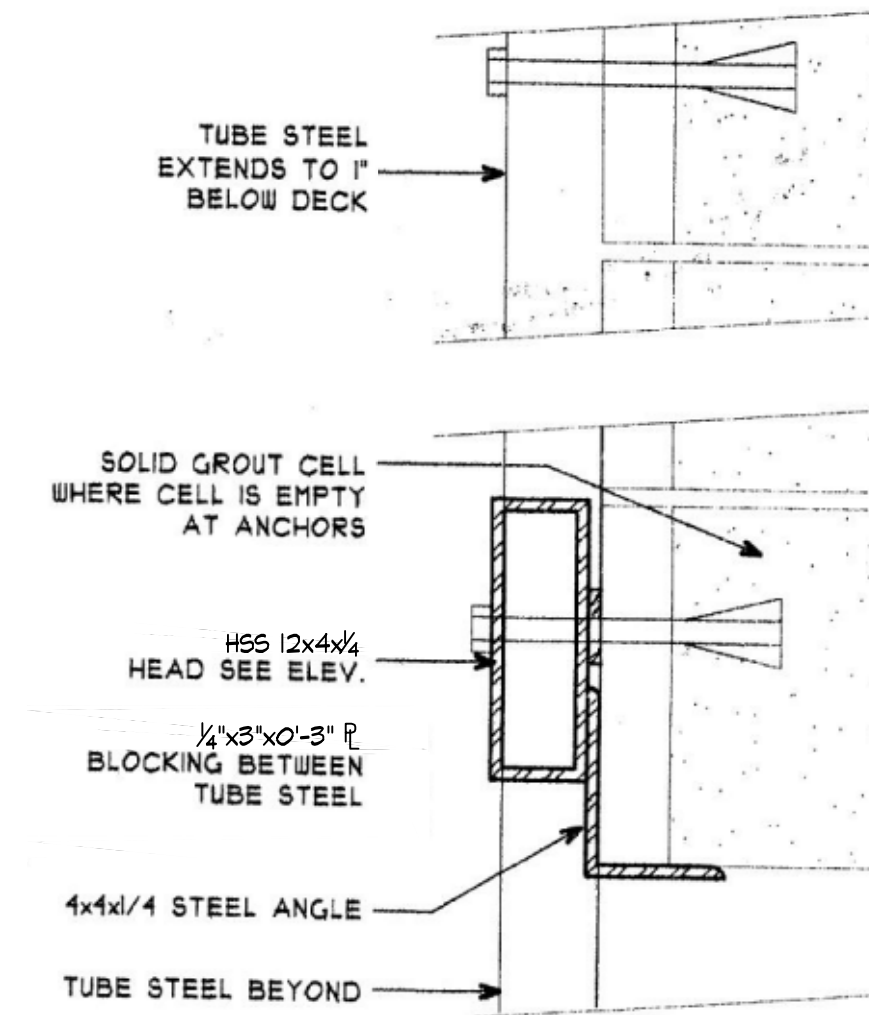
R3 SECTION SCALE: 1" = 1'-0"



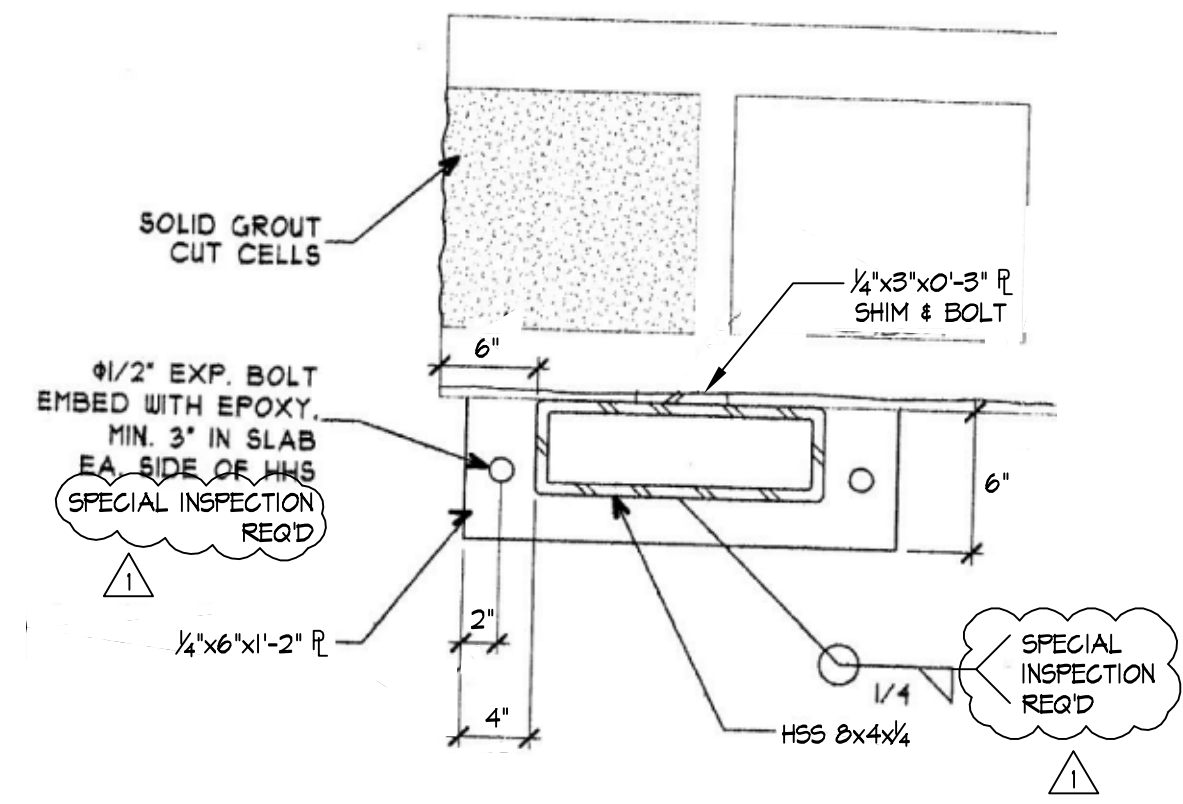
R4 SECTION SCALE: 1" = 1'-0"



W1 SECTION SCALE: NTS



W2 SECTION SCALE: NTS



W3 PLAN SCALE: NTS

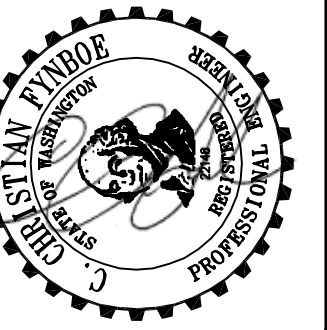
NOTES

PRIOR TO INSTALLATION:

- REVIEW ANCHOR PRODUCTS ICC-ES REPORT AND INSTALL THE PRODUCT PER THE REPORT. IF THE REPORT STATES SPECIAL INSPECTION(S) ARE REQUIRED, THE FINAL INSPECTION REPORT MUST BE ON SITE DURING CITY INSPECTIONS.
- WELDING TO BE COMPLETED BY AN INDIVIDUAL OR FABRICATOR WHO IS WABO CERTIFIED OR APPROVED BY THE BUILDING OFFICIAL TO PERFORM THE WORK. ALL WELDS MUST BE INSPECTED AND APPROVED BY A WABO CERTIFIED SPECIAL INSPECTOR.
- SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE PROGRAM REQUIREMENTS OF TMS 402 AND TMS 602.
- THE FINAL SPECIAL INSPECTION REPORT(S) MUST BE ONSITE DURING CITY INSPECTIONS.

By	
Date	12/16/25
Rev	

christian funboe pe
CONSULTING ENGINEER
12181 "C" STREET S., TACOMA, WA, 98444 • (253) 537-8128 • FAX 531-1285



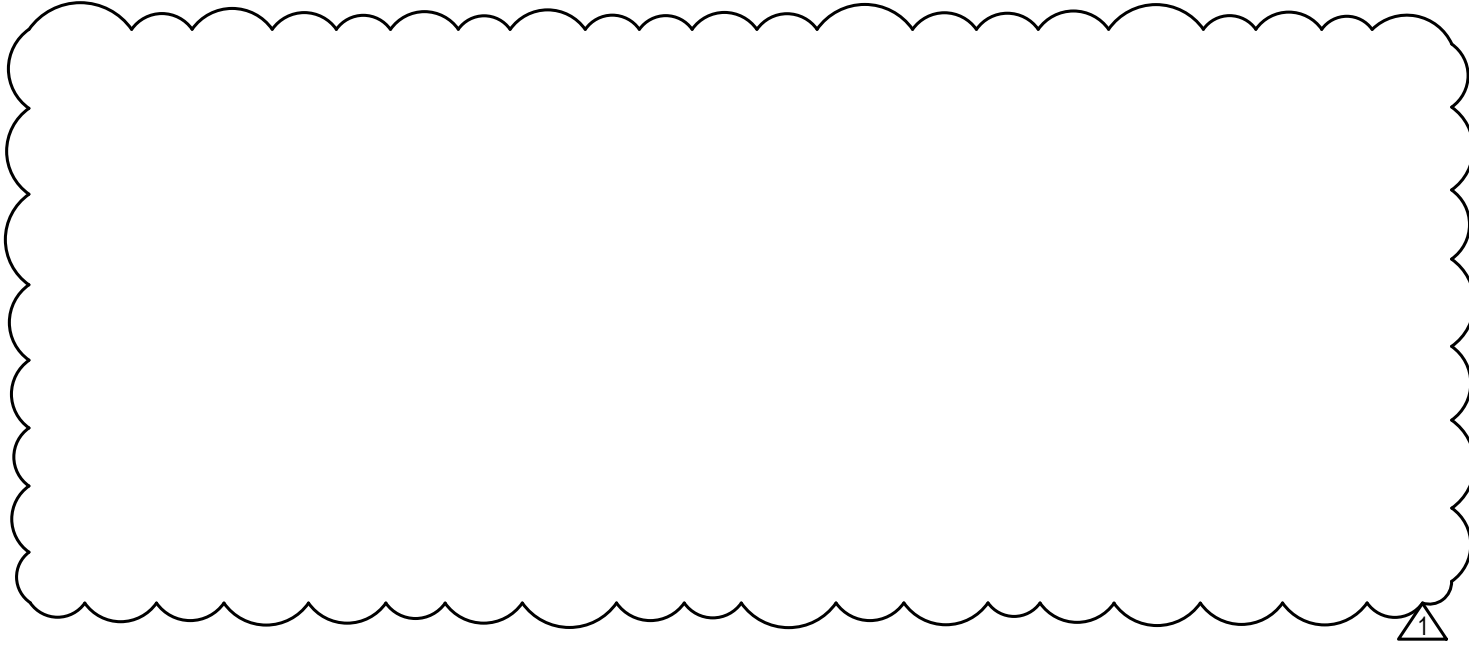
PUYALLUP MAZDA
CUSTOMER SERVICE DROP-OFF EXPANSION
608 RIVER ROAD
PUYALLUP, WA 98371

Designer:	CCF
Drafter:	PDS
Checker:	
Issue Date:	DEC. 16, 2025
Revision:	
Project Ref.:	
Client Ref.:	
CAD Ref.:	

SHEET NO. REV.
S3.0

GENERAL NOTES

- ALL WORK PERFORMED SHALL BE DONE IN STRICT ACCORDANCE TO ALL APPLICABLE MECHANICAL, BUILDING, ENERGY, FUEL GAS, AND LOCAL CODES, WITH AMENDMENTS.
- WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
- COORDINATE MECHANICAL WORK WITH ELECTRICAL, ARCHITECTURAL, STRUCTURAL, CIVIL AND LANDSCAPE WORK SHOWN ON OTHER CONTRACT DOCUMENTS. PROVIDE ADDITIONAL OFFSETS FOR COORDINATED INSTALLATION WHERE REQUIRED.
- CONTRACTOR IS RESPONSIBLE FOR CONFORMANCE WITH ALL PLANS AND SPECIFICATIONS. IF A DISCREPANCY EXISTS BETWEEN ANY PLAN AND/OR SPECIFICATION, THE MORE STRINGENT REQUIREMENT SHALL BE FOLLOWED. CONTRACTOR IS ENCOURAGED TO SUBMIT RFIS BEFORE BID TO CLARIFY PLAN AND SPECIFICATION INTENT.
- COORDINATE EQUIPMENT CONNECTIONS WITH MANUFACTURERS' CERTIFIED DRAWINGS. COORDINATE AND PROVIDE DUCT AND PIPING TRANSITIONS REQUIRED FOR FINAL EQUIPMENT CONNECTIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE DUCT AND PIPING DIMENSIONS BEFORE FABRICATION.
- CLEAN THE JOB SITE DAILY AND REMOVE FROM THE PREMISES ANY DIRT AND DEBRIS CAUSE BY THE PERFORMANCE OF THE WORK INCLUDED IN THIS CONTRACT. BEFORE SUBSTANTIAL COMPLETION, CLEAN EQUIPMENT, FIXTURES, EXPOSED DUCTS, PIPING AND SIMILAR ITEMS.
- PROVIDE EQUIPMENT THAT FITS INTO THE SPACE ALLOTTED AND ALLOWS ADEQUATE ACCEPTABLE CLEARANCE FOR INSTALLATION, REPLACEMENT, SERVICING, AND MAINTENANCE. COORDINATE WITH OTHER TRADES TO ENSURE NO CONFLICT WITH REQUIRED CLEARANCES.
- CONTRACTOR SHALL OBTAIN & PAY FOR ALL PERMITS AND CONSTRUCTION FEES. FURNISH FINAL CERTIFICATE TO OWNER SHOWING COMPLIANCE WITH CODE REQUIREMENTS.
- REFER TO TYPICAL DETAILS PROVIDED IN THIS DRAWING SET FOR DUCTWORK, PIPING, AND EQUIPMENT INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR CONFORMANCE WITH DETAILS.
- A SHORT DASH IN A SCHEDULE TABLE CELL INDICATES THAT THE COLUMN HEADING IS NOT USED OR NOT APPLICABLE TO THAT SCHEDULED ITEM.
- ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA 70 STANDARDS AND LOCAL REQUIREMENTS.
- ALL FIELD WIRING SHALL REQUIRE AN ELECTRICAL PERMIT AND SHALL BE PERFORMED BY A LICENSED ELECTRICIAN.
- COORDINATE ELECTRICAL REQUIREMENTS SHOWN ON PLANS AND SPECS WITH AVAILABLE VOLTAGES AND PANEL SPACE ONSITE AS WELL AS WITH ELECTRICAL ENGINEER AND ELECTRICAL CONTRACTOR. IF DISCREPANCIES EXIST BETWEEN THESE PLANS AND AVAILABLE ONSITE ELECTRICAL UTILITIES, DO NOT PURCHASE OR INSTALL EQUIPMENT BEFORE FIRST CONTACTING MIDDLEBROOK ENGINEERING AND RECEIVING INSTRUCTION.
- LOCATE VALVES, CONTROLS AND SIMILAR COMPONENTS SO THAT THEY ARE ACCESSIBLE. PROVIDE ACCESS DOORS FOR MECHANICAL EQUIPMENT INSTALLED BEHIND WALLS, ABOVE INACCESSIBLE CEILINGS AND BELOW FLOORS. COORDINATE ACCESS DOOR LOCATIONS WITH ARCHITECT/ENGINEER.



APPLICABLE CODES

AS ADOPTED BY THE CITY OF PUYALLUP, WA
 INTERNATIONAL MECHANICAL CODE, IMC 2021
 INTERNATIONAL BUILDING CODE, IBC 2021
 WASHINGTON STATE ENERGY CODE, WSEC 2021
 INTERNATIONAL FUEL GAS CODE, IFGC 2021
 UNIFORM PLUMBING CODE, UPC 2021
 AND ASSOCIATED WASHINGTON ADMINISTRATIVE CODE AMENDMENTS

DESIGN CONDITIONS

OUTDOOR CONDITIONS (SEATAC)
 COOLING: 86°F DB, 64°F WB (ASHRAE 1%)
 HEATING: 19°F DB (ASHRAE 99.6%)
 INDOOR CONDITIONS
 COOLING: 75°F DB, 50% RH
 HEATING: 70°F DB

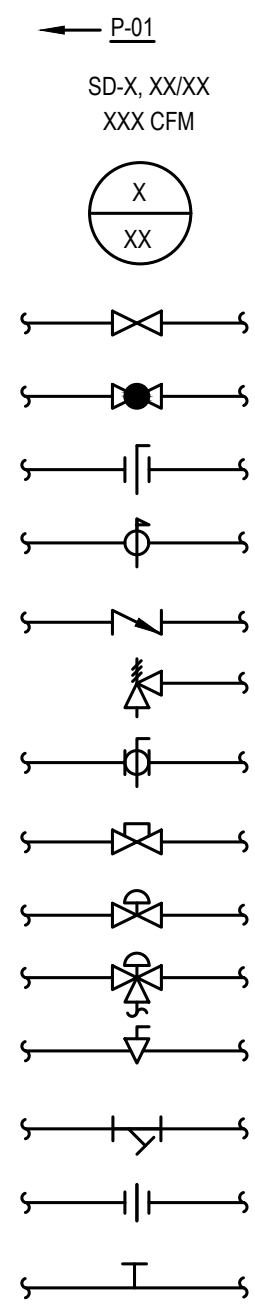
SCOPE OF WORK

- PROVIDE ELECTRIC INFRARED RADIANT HEATER TO SERVE VEHICLE PICK UP AND DROP OFF SPACE.

ABBREVIATIONS

(E)	EXISTING
AABC	AMERICAN AIR BALANCE COUNCIL
AFF	ABOVE FINISHED FLOOR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
AG	AIR GAP
AGA	AMERICAN GAS ASSOCIATION
AHRI	AIR CONDITIONING, HEATING, & REFRIGERATION INSTITUTE
AMP	AMPERAGE
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BAS	BUILDING AUTOMATION SYSTEM
BHP	BRAKE HORSEPOWER
CB	CATCH BASIN
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
COND	CONDENSATE
CONFIG	CONFIGURATION
CSA	CANADIAN STANDARDS ASSOCIATION
DB	DRY BULB
DC	DOUBLE CHECK
DDC	DIRECT DIGITAL CONTROLS
DIA	DIAMETER
DN	DOWN
DOAS	DEDICATED OUTSIDE AIR SYSTEM
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
ECM	ELECTRICALLY COMMUTATED MOTOR
EFF	EFFICIENCY
ESP	EXTERNAL STATIC PRESSURE
ETC	ET CETERA
EX. SP.	EXTERNAL STATIC PRESSURE
FLA	FULL LOAD AMPS
FM	FACTORY MANUAL
FPM	FEET PER MINUTE
FT	FEET
GA	GAUGE
HP	HORSEPOWER
HR	HOUR
IBC	INTERNATIONAL BUILDING CODE
IFGC	INTERNATIONAL FUEL GAS CODE
IMC	INTERNATIONAL MECHANICAL CODE
IN	INCH
IU	INDOOR UNIT
LAT	LATERAL
LB/LBS/#	POUND/ POUNDS
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MCA	MAXIMUM CIRCUIT AMPACITY
MERV	MINIMUM EFFICIENCY REPORTING VALUE
MFG/MFR	MANUFACTURER
MIN	MINIMUM
MOCP/ MOP	MAXIMUM OVER CURRENT PROTECTION
MSS	MANUFACTURER'S STANDARDIZATION SOCIETY
NEBB	NATIONAL ENVIRONMENTAL BALANCING BUREAU
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
OC	ON CENTER
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OSA	OUTSIDE AIR
PH	PHASE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH, GAUGE
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RP	REDUCED PRESSURE
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SF	SQUARE FEET
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
SPEC	SPECIFICATION
STM	STEAM
THRD	THREADED
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UPC	UNIFORM PLUMBING CODE
V	VENT/ VOLT
VOLT	VOLTAGE
VRF	VARIABLE REFRIGERANT FLOW
VAV	VARIABLE AIR VOLUME
VERT	VERTICAL
W/	WITH
WIN	WINTER
WSEC	WASHINGTON STATE ENERGY CODE

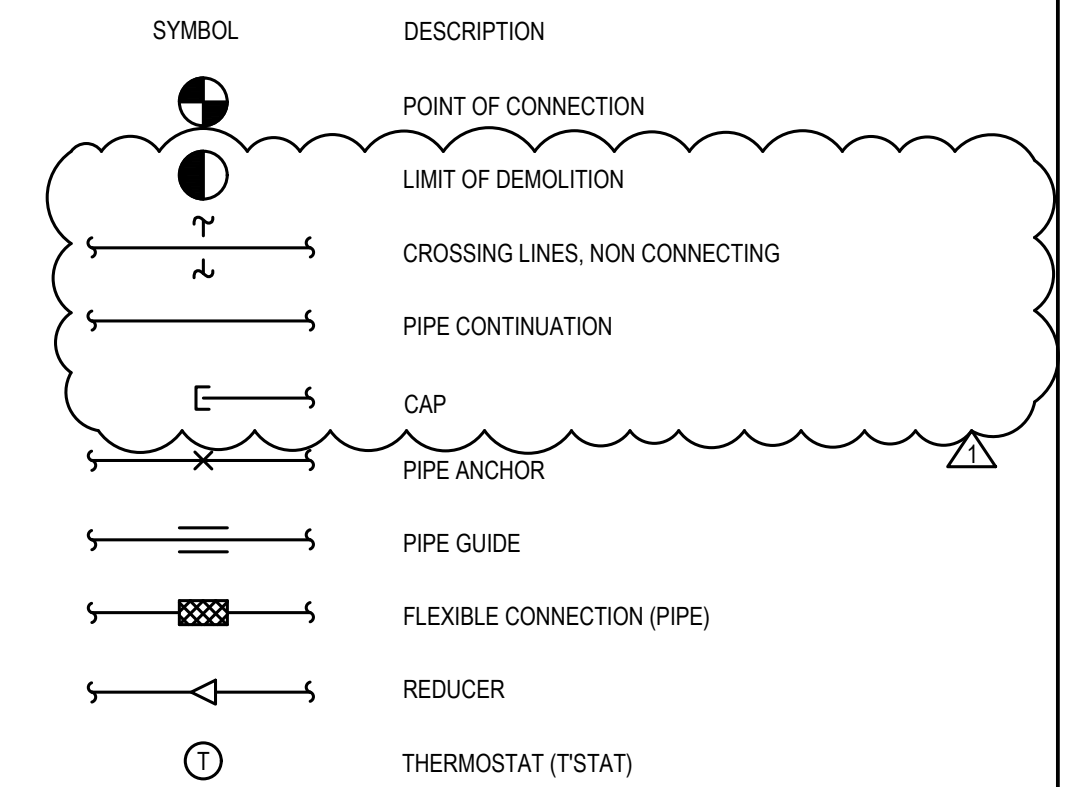
SYMBOL



DESCRIPTION

EQUIPMENT ABBREVIATION AND NUMBER (TAG)
 AIR TERMINAL TYPE, SIZE, AND CFM
 DETAIL NUMBER
 DRAWING NUMBER WHERE DRAWN
 GATE VALVE (GV)
 GLOBE VALVE
 BUTTERFLY VALVE
 PRESSURE REDUCING VALVE (PRV)
 CHECK VALVE (CV)
 TEMP./PRESS. RELIEF VALVE (T&PRV)
 BALL VALVE
 BALANCING COCK (BC)
 2-WAY CONTROL VALVE
 3-WAY CONTROL VALVE
 GAS COCK
 STRAINER WITH BLOWDOWN VALVE
 UNION
 TEST POUT/PETE'S PLUG

MECHANICAL LEGEND



PRCA20251194

These drawings are the property of Narrows Heating & Air Conditioning and are to be used solely by Narrows Heating & Air Conditioning. Review or reproduction of these drawings is prohibited without written permission by Narrows Heating & Air Conditioning.

DESCRIPTION
PERMIT
PERMIT REVISIONS
DATE: 08/03/2025
12/17/2025

LEGEND, ABBREVIATIONS, AND GENERAL NOTES

PUYALLUP MAZDA
 608 RIVER RD
 PUYALLUP, WA 98371

NARROWS
 HEATING - AIR CONDITIONING, INC.
 5121 SOUTH BURLINGTON WAY
 TACOMA, WASHINGTON 98409
 253.627.7543 NARR01216J3



MH001

PRCA20251194

GENERAL NOTES

1. THIS DRAWING WAS CREATED FROM AS BUILT DOCUMENTATION AND FIELD NOTES AND MAY NOT REPRESENT ACTUAL AS BUILT CONDITIONS. CONTRACTOR TO VERIFY SCOPE PRIOR TO COMMENCING WORK. COORDINATE ANY DISCREPANCIES WITH MECHANICAL ENGINEER.
2. LINES AND EQUIPMENT SHOWN DARK IS NEW WORK.
3. GAS PIPING SIZE BASED ON TABLE 402.4(5) IFGC 2021. 2 PSI INLET PRESSURE AND TABLE 402.4(5), USING THE LONGEST LENGTH METHOD. ENSURE GAS METER SIZING IS 2 PSI PER LOCAL PURVEYOR.

These drawings are the property of Narrows Heating & Air Conditioning and are to be used solely by Narrows Heating & Air Conditioning. Reproduction or modification of these drawings is prohibited without written permission by Narrows Heating & Air Conditioning.

DATE	DESCRIPTION	PERMIT	PERMIT REVISIONS
08/03/2025			
12/17/2025			

PLAN NOTES

1. INSTALL EQUIPMENT A MINIMUM OF 10'-0" AFF. CONFIRM INSTALLATION HEIGHT WITH MANUFACTURER'S RECOMMENDATIONS.
2. ROLL UP DOORS ARE PART OF NATURAL VENTILATION STRATEGY FOR SPACE COMPLYING WITH IMC SECTION 402.1 AND 402.2. ROLL UP DOORS TOTAL AREA EQUALS 412 SQ FT. TOTAL VENTILATED AREA EQUALS 1535 SQ FT. THE PERCENTAGE OF VENTILATED AREA PER TOTAL VENTILATED AREA EQUALS 26.8%. THIS IS GREATER THAN THE CODE MINIMUM OF 4% UNDER THE 2021 IMC 402.1 AND 402.2. ROLL UP DOORS ARE TO REMAIN OPEN DURING OCCUPIED HOURS.
3. SEE SHEET MH801 FOR RECOMMENDED MOUNTING HEIGHT. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR FINAL MOUNTING HEIGHT.



MECHANICAL FLOOR PLAN
 SCALE: 1/4" = 1'-0"

MECHANICAL FLOOR PLAN

PUYALLUP MAZDA
 608 RIVER RD
 PUYALLUP, WA 98371

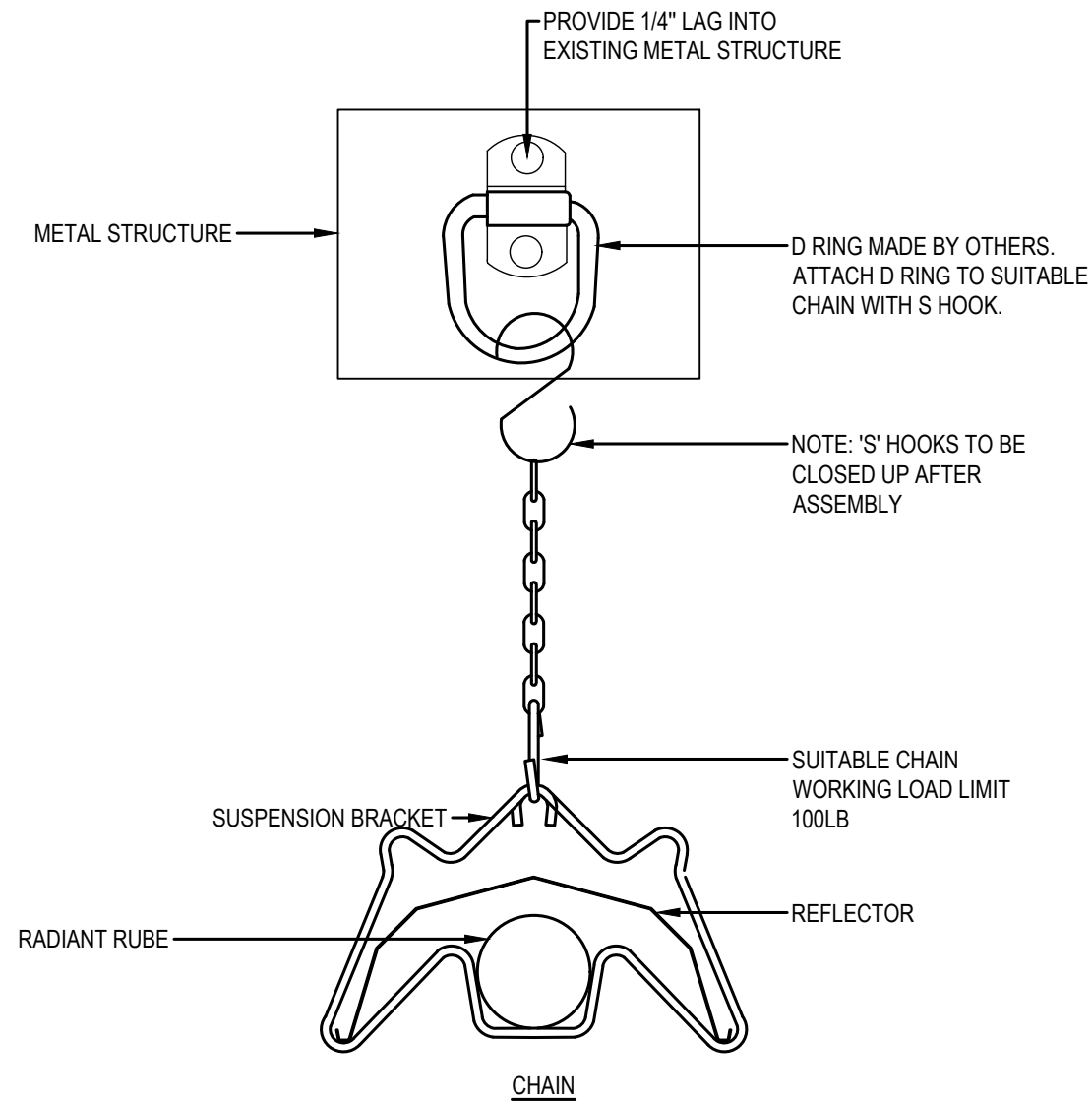
NARROWS
 HEATING - AIR CONDITIONING, INC.
 5121 SOUTH BURLINGTON WAY
 TACOMA, WASHINGTON 98409
 253.627.7543 NARROW1216J3



MH101

12/17/2025

These drawings are the property of Narrows Heating & Air Conditioning and are to be used solely by Narrows Heating & Air Conditioning. Reproduction or modification of these drawings is prohibited without written permission by Narrows Heating & Air Conditioning.



RADIANT TUBE HEATER SUSPENSION DETAIL

1

SCALE: NTS

DATE	DESCRIPTION	PERMIT	PERMIT REV/ISSONS
08/03/2025			
12/17/2025			

DETAILS

PUYALLUP MAZDA
608 RIVER RD
PUYALLUP, WA 98371

NARROWS
HEATING - AIR CONDITIONING, INC.
5121 SOUTH BURLINGTON WAY
TACOMA, WASHINGTON 98409
253.627.7543 NARROW1216J3



MH501

GENERAL CONTRACT REQUIREMENTS

- MECHANICAL, PLUMBING, AND CONTROLS SCOPE SHALL FALL UNDER THE ULTIMATE RESPONSIBILITY OF ONE CONTRACTOR, WHO IS RESPONSIBLE FOR UNDERSTANDING ALL MECHANICAL AND PLUMBING DOCUMENTS, DISTRIBUTING CONTRACT DOCUMENTS TO ALL SUBCONTRACTORS, AND SHALL BE RESPONSIBLE FOR CONTRACT COMPLETION.
- THE DRAWINGS ARE DIAGRAMMATIC. COORDINATE INSTALLATION WITH THE BUILDING, PROVIDE ALL NECESSARY OFFSETS, CHANGES IN DIRECTION, EXTENSIONS AND ASSOCIATED MATERIALS FOR A COMPLETE AND FUNCTIONAL INSTALLATION.
- COORDINATE MECHANICAL WORK WITH ELECTRICAL, ARCHITECTURAL, STRUCTURAL, CIVIL, AND LANDSCAPE WORK SHOWN ON OTHER CONTRACT DOCUMENTS. PROVIDE ADDITIONAL PIPE OR DUCT OFFSETS WHERE REQUIRED TO COORDINATE INSTALLATION.
- LOCATIONS AND SIZES OF (FLOOR, WALL, AND ROOF OPENINGS) SHALL BE COORDINATED WITH OTHER TRADES INVOLVED. INCLUDE THE FOLLOWING IN THE COST OF MECHANICAL WORK: CUTTINGS, CORING, PATCHING AND PAINTING OF EXISTING WALLS, CEILINGS, FLOORS, AND ROOFS AS REQUIRED TO ACCOMMODATE WORK AS INDICATED IN THE MECHANICAL CONTRACT DOCUMENTS UNLESS SPECIFICALLY SHOWN ON ARCHITECTURAL DOCUMENTS.
- MAINTAIN A SET OF PLANS ON SITE. RECORD ALL CHANGES TO ACTUAL ARRANGEMENTS ON THESE PLANS. PROVIDE THIS SET OF PLANS TO THE OWNER'S REPRESENTATIVE WHEN WORK IS COMPLETE.
- ALL WORK PERFORMED SHALL BE DONE IN STRICT ACCORDANCE TO ALL APPLICABLE MECHANICAL, BUILDING, ENERGY, FUEL GAS, AND LOCAL CODES, WITH AMENDMENTS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND CONSTRUCTION FEES. FURNISH FINAL CERTIFICATE TO OWNER SHOWING COMPLIANCE WITH CODE REQUIREMENTS.
- PROJECT SCHEDULING: COMPLY WITH OWNER'S REQUIREMENTS
- OPERATION AND MAINTENANCE MANUAL: PROVIDE COMPLETE OPERATIONS AND MAINTENANCE MANUAL IN PDF. PROVIDE OPERATIONS, MAINTENANCE AND PARTS DATA ON ANY ITEM OF EQUIPMENT THAT HAS MOVING PARTS.
- PROVIDE THE FOLLOWING DOCUMENTS PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. FINAL PAYMENT OF THE CONTRACT WILL BE CONTINGENT UPON RECEIVING THESE DOCUMENTS:
 - RECORD (AS-BUILT) DRAWINGS.
 - MAINTENANCE AND OPERATING INSTRUCTIONS.
 - EXTENDED WARRANTIES (OTHER THAN THE ONE-YEAR).
 - BALANCING LOGS (AIR AND HYDRONIC SYSTEMS).
 - FINAL CERTIFICATES OF INSPECTION AND CODE COMPLIANCE.
 - COMMISSIONING DOCUMENTATION PER WSEC
- WARRANTY PROVISIONS: THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT AND SYSTEMS FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE. REPAIR OR REPLACE DEFECTIVE MATERIAL, EQUIPMENT, OR POOR WORKMANSHIP, WHICH MAY SHOW ITSELF DURING THIS WARRANTY PERIOD.

SEISMIC AND VIBRATION REQUIREMENTS

- HANGERS AND SEISMIC BRACING FOR THE MECHANICAL SYSTEMS SHALL BE DESIGNED AND PROVIDED BY THE MECHANICAL CONTRACTOR. REFER TO CONTRACTOR SHOP DRAWINGS FOR LOCATIONS OF EQUIPMENT AND HUNG MECHANICAL SYSTEMS. THE MECHANICAL CONTRACTOR SHALL COORDINATE THE SUPPORT SYSTEMS AND DESIGN LOADS FOR HUNG MECHANICAL SYSTEMS WITH THE GENERAL CONTRACTOR AND OTHER TRADES THAT MAY BE IMPACTED.
 - PROVIDE ALL SEISMIC RESTRAINT REQUIRED BY THE AUTHORITY HAVING JURISDICTION AND THE APPLICABLE CODES.
 - EMPLOY A LICENSED STRUCTURAL ENGINEER, IF NECESSARY, TO ACHIEVE COMPLIANCE.
 - THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION, INC. (SMACNA) SEISMIC RESTRAINT MANUAL GUIDELINES MAY BE USED FOR PIPING AND DUCTWORK. INSURE THE PROPER HAZARD LEVEL IS EMPLOYED FOR THE AREA OF INSTALLATION.
- VIBRATION CRITERIA: PROVIDE VIBRATION ISOLATION IN ACCORDANCE WITH THE AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS (ASHRAE); APPLICATIONS HANDBOOK.

BASIC MATERIALS AND METHODS

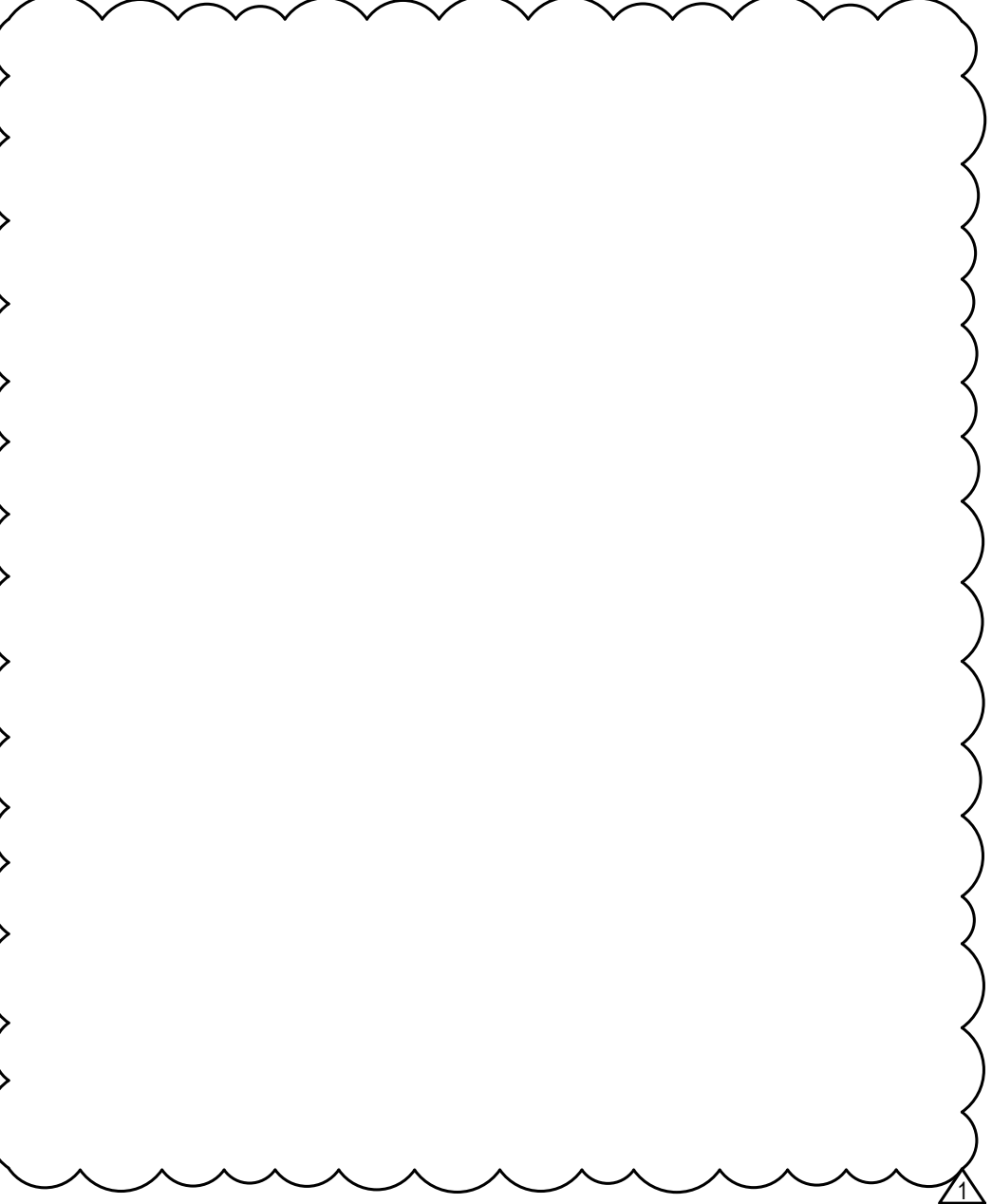
- ALL MATERIALS AND EQUIPMENT SHALL BE LISTED OR LABELED BY A RECOGNIZED AGENCY. UL, AIA, FM, CSA, ARI, ETC.
- EQUIPMENT SHALL BE AS INDICATED ON THE DRAWING SCHEDULES. THE DRAWING SCHEDULES ESTABLISH THE LEVEL OF QUALITY. SUBSTITUTIONS WILL BE CONSIDERED, SUBMIT TECHNICAL DATA (PERFORMANCE AND CONSTRUCTION) TO THE OWNER'S REPRESENTATIVE FOR APPROVAL. ALLOW TWO WEEKS FOR TURN-AROUND.
- MECHANICAL SYSTEM PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE PROTECTED IN ACCORDANCE WITH THE BUILDING CODE IN FORCE IN THE AUTHORITY HAVING JURISDICTION FOR THIS PROJECT. THIS INCLUDES PIPING, DUCTWORK, SUPPORTS, CONDUIT, AND ANY OTHER SYSTEM AND APPURTENANCE PROVIDED AS PART OF THE MECHANICAL WORK OF THIS CONTRACT. IN ADDITION, ALL THROUGH-PENETRATION SEALING METHODOLOGIES SHALL BE LISTED IN THE UNDERWRITER'S LABORATORIES (UL) FIRE RESISTANCE DIRECTORY, ISSUE CURRENT AT TIME OF BID.
- ALL MOTORS SHALL BE ELECTRONICALLY COMMUTATED UNLESS NOTED ON SCHEDULE.
- ELECTRICAL INSTALLATION SHALL COMPLY WITH THE NEC.
- PROTECT STORED MATERIALS. REPLACE DAMAGED MATERIALS PRIOR TO INSTALLATION.
- PROVIDE WATER-TIGHT SEAL FOR OPENINGS TO THE BUILDING THROUGH WHICH PIPE PASSES.
- PROVIDE AND INSTALL PIPE SUPPORTS IN ACCORDANCE WITH MANUFACTURER'S STANDARDIZATION SOCIETY OF THE VALVE AND FITTING INDUSTRY (MSS) STANDARDS, SPECIFICALLY STANDARD SP-69, "PIPE HANGERS AND SUPPORTS - SELECTION AND APPLICATION" AND STANDARD SP-88, "PIPE HANGERS AND SUPPORTS - MATERIALS, DESIGN AND MANUFACTURE". PROVIDE PIPE SUPPORT SPACING IN ACCORDANCE WITH THE UPC OR IMC.
- TESTING: ALL WORK UNDER THIS CONTRACT SHALL BE THOROUGHLY AND SYSTEMATICALLY TESTED, BOTH DURING CONSTRUCTION AND AFTER COMPLETION. PIPE TESTING SHALL BE EITHER AS SPECIFIED IN THE APPROPRIATE SPECIFICATION SECTION, OR AS SPECIFIED IN THE APPLICABLE PLUMBING OR MECHANICAL CODE. DUCTWORK SHALL BE TESTED AS PART OF THE AIR BALANCING PROCESS. NOTIFY THE OWNER'S REPRESENTATIVE 48-HOURS IN ADVANCE OF ALL TESTS. TESTS SHALL BE MAINTAINED UNTIL APPROVED.

ELECTRIC RADIANT HEATER

- BASIS OF DESIGN SHALL REPRESENT QUALITY OF UNIT.
- APPROVED MANUFACTURER:
 - INFRATECH

CONTROLS

- STAND ALONE CONTROL SYSTEMS
 - SCOPE: PROVIDE UNIT CONTROLS, ZONE TEMPERATURE CONTROLS AND ANY OTHER CONTROL ITEMS REQUIREMENT FOR A COMPLETE AND FUNCTIONAL SYSTEM. PROVIDE ALL REQUIRED WIRING, CONDUIT, COMPONENTS (RELAYS, TRANSFORMERS, ETC) AND EQUIPMENT. OBTAIN AND UNDERSTAND ALL MECHANICAL AND PLUMBING DOCUMENTS BEFORE BIDDING WORK.
 - APPROVED MANUFACTURERS ARE TRANE, MITSUBISHI, AND HONEYWELL. NO OTHER MANUFACTURER IS ACCEPTABLE UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE.
 - SPECIFIC REQUIREMENTS: EACH UNIT SHALL HAVE INDIVIDUAL STANDALONE CONTROLS THAT PERFORM THE FUNCTIONS LISTED IN THE DRAWINGS. PNEUMATIC CONTROLS ARE NOT ACCEPTABLE.
- ROOM TEMPERATURE SENSORS - ROOM TEMPERATURE SENSORS SHALL BE MOUNTED 54" AFF UNLESS OTHERWISE NOTED ON PLANS. VERIFY ALL LOCATIONS WITH OWNER'S REPRESENTATIVE.
- WIRING:
 - ALL CLASS 2 (24VAC OR LESS) CONTROLS WIRING SHALL BE CONCEALED IN CONDUIT, UNLESS CONCEALED IN ACCESSIBLE LOCATIONS.
 - WIRE SUPPORTS SHALL BE INSTALLED PER LOCAL WIRING CODE REQUIREMENTS. DEFAULT SUPPORT SPACING SHALL BE 5'. SUPPORTS SHALL HANG FROM THE BUILDING STRUCTURE AND BE DESIGNED FOR THIS APPLICATION.
 - PROVIDE FIRE STOPPING FOR ALL PENETRATIONS USED BY CONTROLS CONDUIT AND RACEWAYS.
 - WIRING SHALL NOT PENETRATE STRUCTURAL ELEMENTS.
- PROVIDE FULL COMMISSIONING OF THE CONTROL SYSTEM IN ACCORDANCE WITH THE WSEC.
- PROVIDE 2 HOURS OF SCHEDULED INSTRUCTION PERIOD TO THE OWNER. COST FOR TIME INVOLVED SHALL BE INCLUDED IN THE BID.
- INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS, THE NEC AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.



ELECTRIC HEATER SCHEDULE											PRCA20251194
UNIT NO	MFR	MODEL	AREA SERVED	WEIGHT	ELECTRICAL					DISCON FURN BY	NOTES
					WATTS	MCA	MOP	V	PH		
WH-01	INFRATECH	SL-4024-SL	PER PLANS	17	4000	-	-	240	1	EC	1,2

GENERAL NOTES:

- EQUIPMENT MAY BE SUBSTITUTED UPON ENGINEER'S APPROVAL FOR EQUAL OR OTHER MFG/MODEL. REFER TO EQUIPMENT SCHEDULE FOR FINAL SELECTION.

NOTES:

- PROVIDE WITH INTEGRAL SINGLE POLE THERMOSTAT. SET THERMOSTAT TO 45 DEG F.
- MOUNT HEATER AT MINIMUM 10' ABOVE FINISHED FLOOR.

SEQUENCE OF OPERATIONS

- GENERAL**
- PROVIDE AND INSTALL ALL NECESSARY DEVICES INCLUDING BUT NOT LIMITED TO: ACTUATORS, RELAYS, SWITCHES, SENSORS, DAMPERS, CONDUIT, AND WIRING NECESSARY TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.

- TIMING OF CONTROL WORK**
- THE CONTROL SYSTEM SHALL BE COMPLETE PRIOR TO BALANCING OF THE PROJECT. CONTROL PERSONNEL ARE TO ASSIST IN SYSTEM OPERATION FOR THE BALANCER. THE CONTROL SYSTEM SHALL BE COMPLETE PRIOR TO HVAC SYSTEM COMMISSIONING AND CONTROL PERSONNEL ARE TO ASSIST IN SYSTEM OPERATION AND TESTING DURING COMMISSIONING. THE CONTROL SYSTEM SHALL BE COMMISSIONED PRIOR TO OWNER OCCUPANCY.

- TYPICAL SYSTEM SCHEDULE:**
- OFF HOURS ARE 6:00 PM TO 6:00 AM AND WEEKENDS, ADJUSTABLE. CONFIRM FINAL SCHEDULE WITH OWNER.
 - MORNING WARM-UP IS TO BE STARTED AT AN "OPTIMAL START" TIME.

- TYPICAL SETPOINTS (ADJUSTABLE):**
- HEATING SPACE TEMPERATURE - 70 DEGREES FAHRENHEIT
 - COOLING SPACE TEMPERATURE - 75 DEGREES FAHRENHEIT

ELECTRIC RADIANT HEATER

- GENERAL:**
- CONTROLS SHALL BE CONFIGURED TO SHUT OFF HEAT WHEN OUTDOOR AIR IS OVER 45°F (ADJUSTABLE).
- TEMPERATURE SETPOINT:**
- TEMPERATURE SETPOINT IS 60°F (ADJUSTABLE).

These drawings are the property of Narrows Heating & Air Conditioning and are to be used solely by Narrows Heating & Air Conditioning. Review or reproduction of these drawings is prohibited without written permission by Narrows Heating & Air Conditioning.

DATE	DESCRIPTION
08/03/2025	PERMIT
12/17/2025	PERMIT REVISIONS

SCHEDULES, AND SPECIFICATIONS, AND SEQUENCES

**PUYALLUP MAZDA
608 RIVER RD
PUYALLUP, WA 98371**

**NARROWS
HEATING - AIR CONDITIONING, INC.**
5121 SOUTH BURLINGTON WAY
TACOMA, WASHINGTON 98409
253.627.7543 NARR01216J3














MH801






LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	LAMPS	WATTS	MOUNTING
B	LSI INDUSTRIES, INC ALI2-2LEDHE-12L-DA-W-UNV-50	LED	74	CHAIN HUNG
BX	SAME AS TYPE B WITH EMERGENCY BATTERY PACK			
W1	LSI INDUSTRIES, INC XWM-FT-LED-8L-50K8-UE-MSV	LED	64	WALL

ELECTRICAL SYMBOLS LEGEND

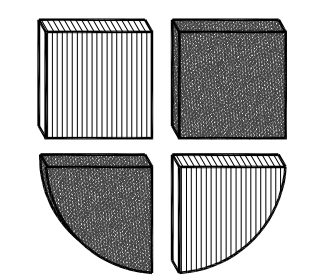
-  DETAIL/SECTION IDENTIFICATION: A = DETAIL/SECTION LETTER, B = SHEET NUMBER WHERE DETAIL/SECTION IS DRAWN.
-  EQUIPMENT CONNECTION CALLOUT. A, B EQUAL EQUIPMENT IDENTIFICATION ON MECHANICAL EQUIPMENT CONNECTION SCHEDULES. VERIFY EXACT EQUIPMENT REQUIREMENTS ON SHOP DRAWING EQUIPMENT SUBMITTALS PRIOR TO ROUGH-IN. DO NO ROUGH-IN FOR EQUIPMENT PRIOR TO REVIEW OF SUBMITTALS. REPORT ANY DIFFERENCES IN REQUIREMENTS TO ENGINEER IN WRITING.
-  CONDUIT CONCEALED. HASH MARKS INDICATE NUMBER OF #12 CONDUCTORS IN CODE SIZE CONDUIT. NO HASH MARKS INDICATES 2-#12 CONDUCTORS PLUS GROUND IN 3/4" CONDUIT. LONG HASH MARKS INDICATES NEUTRAL CONDUCTOR. / INDICATES GROUND CONDUCTOR.
-  FLEXIBLE RACEWAY, PROVIDE GROUND CONDUCTORS PER NEC.
-  A-1,3 ADJACENT TO ARROW INDICATES HOMERUN OF CONDUCTORS IN CONDUIT FOR CIRCUITS 1 AND 3 TO PANEL "A".
-  EXIT LIGHT WITH BATTERY, UNIVERSAL MOUNTING.
-  LIGHT FIXTURE, CHAIN HUNG FROM STRUCTURE.
-  LIGHT FIXTURE, WITH EMERGENCY BATTERY PACK.
-  WALL MOUNT LIGHT FIXTURE.
-  JUNCTION BOX.
-  LIGHT FIXTURE TYPE. A1 = SPECIFIC LIGHTING FIXTURE REFERENCED ON LIGHTING FIXTURE SCHEDULE.
-  POWER PANEL
-  DUPLEX RECEPTACLE 20A, 125 VOLT WALL MOUNTED AT 18 INCHES AFF. G = GROUND FAULT INTERRUPTING, T = TAMPERPROOF.
-  EQUIPMENT CONNECTION. PROVIDE PER NEC AND MANUFACTURERS REQUIREMENTS AND/OR RECOMMENDATIONS.

- Sm WIRELESS LIGHT SWITCH, SINGLE POLE, SUBSCRIPTS; 3 = THREE WAY, 4 = FOUR WAY, D = DIMMER CONTROL, a, b, c, ETC = NUMBER OF SWITCHES AT THE LOCATION AND SPECIFIC FIXTURES CONTROLLED. MOUNT AT 42 INCHES AFF.
-  WIRELESS DUAL TECHNOLOGY AUTOMATIC OCCUPANCY SENSOR DEVICE.
-  DISCONNECT SWITCH
-  FUSED DISCONNECT SWITCH WITH FUSES.
- (E) EXISTING
- WP WEATHERPROOF

PRCA20251194



CROSS ENGINEERS, INC
 323 Martin Luther King Jr. Way
 Tacoma, WA 98404
 Phone: (253) 759-0118
 Job Number: 25-151
 info@crossengineers.com



**PUYALLUP MAZDA CUSTOMER
 SERVICE DROP-OFF EXPANSION
 608 RIVER ROAD PUYALLUP, WA**

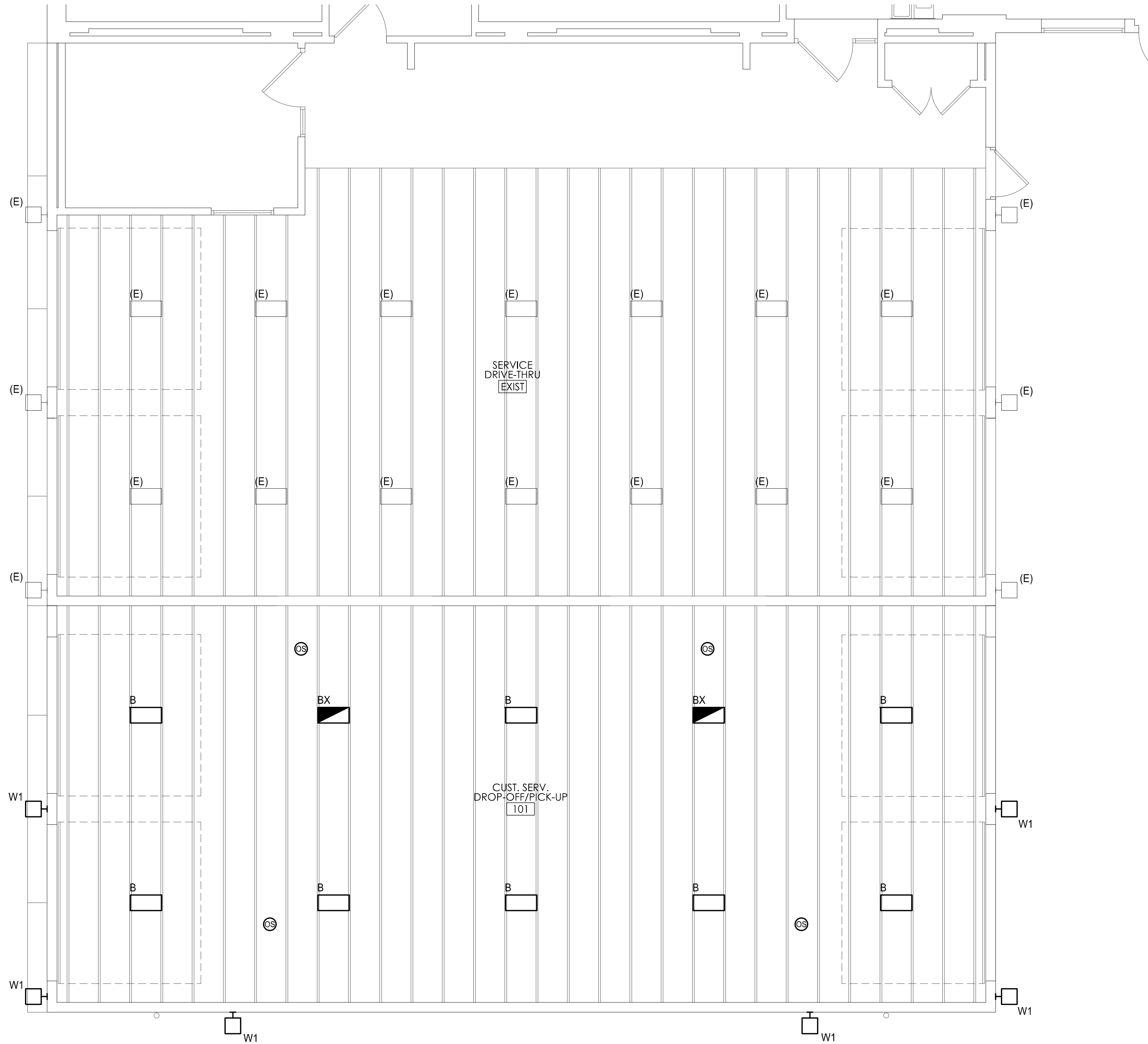
**ELECTRICAL SYMBOLS LEGEND/
 LIGHT FIXTURE SCHEDULE**

REVISIONS:

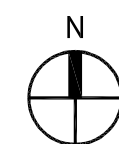


SCALE: AS NOTED	SHEET
DATE: 8-21-2025	
DRAWN BY: SJK	E1.0
CHECKED BY: SLH	
JOB NO.: 25-151	OF -

PERMIT SET

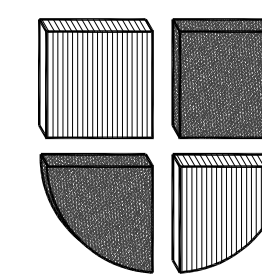


PARTIAL LIGHTING FLOOR PLAN
SCALE: 1/4"=1'-0"



CROSS ENGINEERS, INC
923 Martin Luther King Jr. Way
Tacoma, WA 98404
info@crossengineers.com

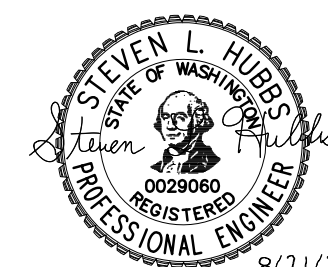
Phone: (253) 759-0718
Job Number: 25-151



**PUYALLUP MAZDA CUSTOMER
SERVICE DROP-OFF EXPANSION
608 RIVER ROAD PUYALLUP, WA**

PARTIAL LIGHTING FLOOR PLAN

REVISIONS:



8/21/25

SCALE: AS NOTED

DATE: 8-21-2025

DRAWN BY: SJK

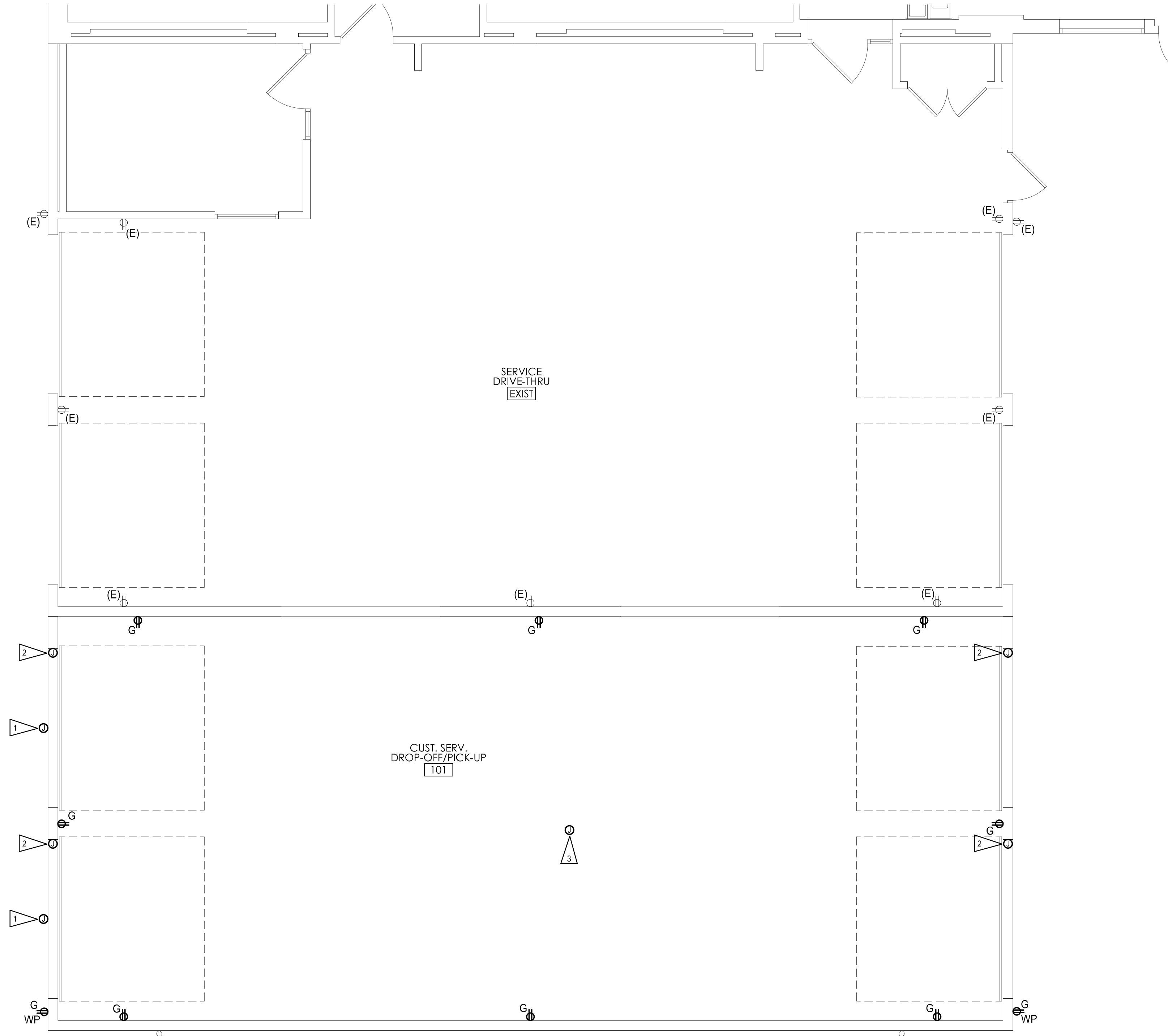
CHECKED BY: SLH

JOB NO.: 25-151

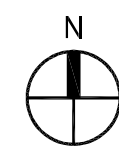
SHEET

E2.0

OF



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



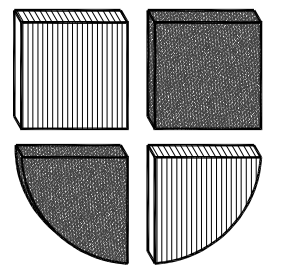
ELECTRICAL NOTES:

- 1 "STOP AND GO" LIGHT TO MATCH EXISTING. CONNECT TO ROLL-UP DOOR CONTROLLER SYSTEM. FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- 2 HIGH-SPEED, ROLL-UP DOOR CONNECTION. FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN. PROVIDE FIELD WIRING OF CONTROLS PER MANUFACTURER SHOP DRAWINGS.
- 3 GAS, RADIANT TUBE HEATER CONNECTION. FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.

PRCA20251194



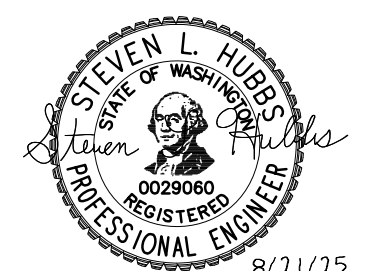
CROSS ENGINEERS, INC
923 Martin Luther King Jr. Way
Tacoma, WA 98404
info@crossengineers.com
Phone: (253) 759-0718
Job Number: 25-151



**PUYALLUP MAZDA CUSTOMER
SERVICE DROP-OFF EXPANSION
608 RIVER ROAD PUYALLUP, WA**

PARTIAL POWER FLOOR PLAN

REVISIONS:



8/21/25

SCALE: AS NOTED	SHEET
DATE: 8-21-2025	E3.0
DRAWN BY: SJK	
CHECKED BY: SLH	
JOB NO.: 25-151	OF

PERMIT SET