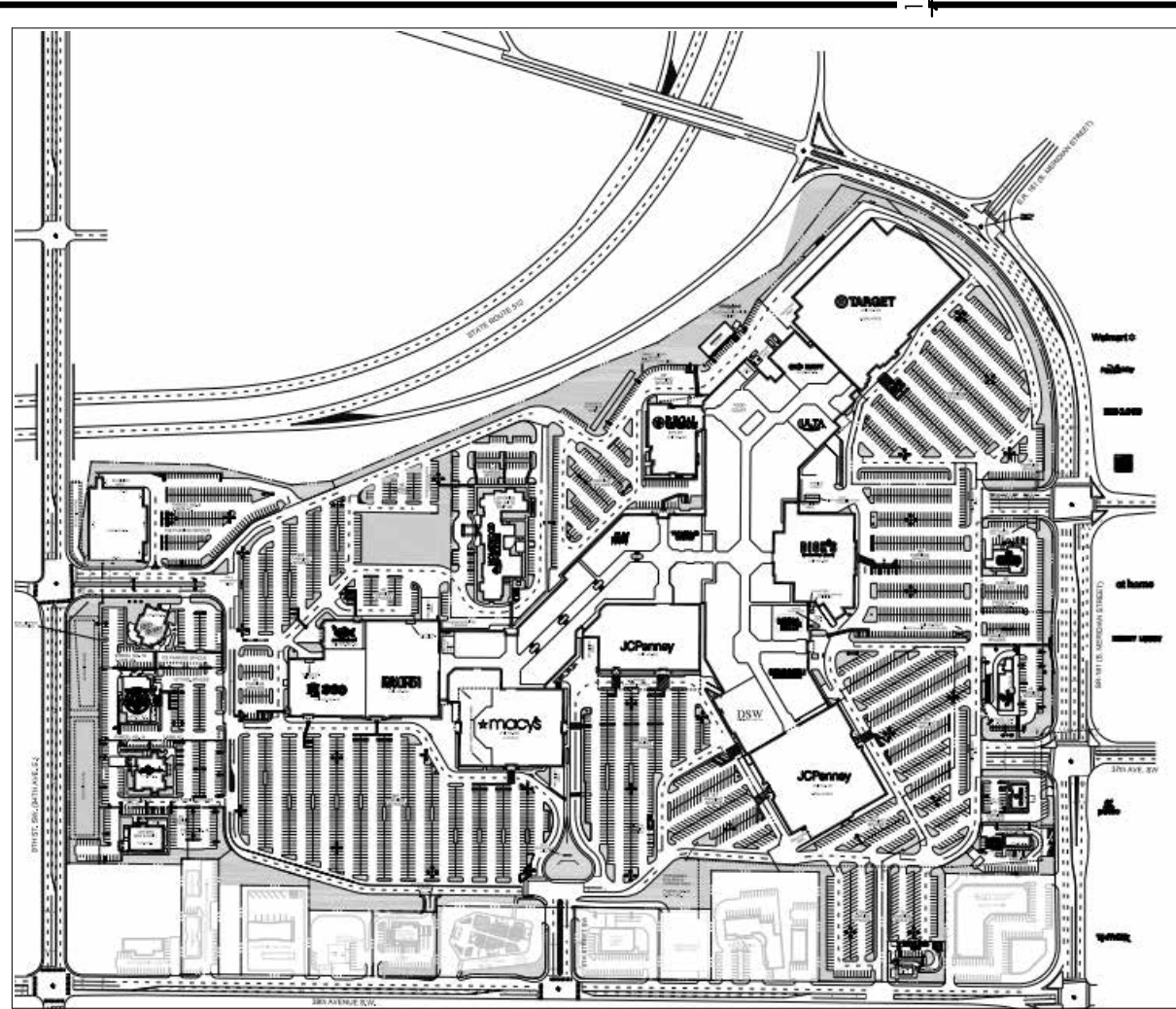


# BARNES & NOBLE SOUTH HILL MALL - UNIT #800

3500 S. MERIDIAN ST.  
PUYALLUP, WA 98373

Parcel NO.  
6021010051



SITE LOCATION PLAN NO SCALE

## CODE INFORMATION

- APPLICABLE CODES:**
  - International Building Code (IBC), 2021
  - International Mechanical Code (IMC), 2021
  - Uniform Plumbing Code (UPC), 2021
  - International Fire Code (IFC), 2021
  - ANSI A117.1, 2017 IBC Chapter 11
  - National Electric Code (NFPA 250-70), 2023
  - Washington State Energy Code, 2021
  - Washington State Amendments (Building, Mechanical, Fire, Plumbing, Energy, and Electrical), Current
  - City of Puyallup Municipal Code
- TENANT AREA:**
  - Unit #800 - 19,138.68 S.F.
- CONSTRUCTION TYPE:**
  - '2-B' (IBC I-601) - All steel column and beam framing system with metal roof decking. All wall, column, and roof materials are of non-combustible materials.
- USE GROUP:**
  - Covered Mall Building, as per IBC 402.0
  - Tenant Space Unit #800: 'M' Mercantile, as per IBC 309.0
- OCCUPANCY:**
  - Complete and comprehensive occupancy calculations will be performed on the tenant build-out drawing, which will be submitted at a later date.
- EGRESS REQUIREMENTS:**
  - Complete and comprehensive occupancy calculations will be performed on the tenant interior build-out drawings, which will be submitted at a later date.
- FIRE RESISTIVE CONSTRUCTION:**
  - There are existing fire barrier demising walls between this new tenant and the existing adjacent exit corridor of two (2) hours.
- FIRE PROTECTION SYSTEMS:**
  - The existing tenant space is protected with an automatic sprinkler system in accordance with NFPA 13. If there are to be any modifications to this system, the Tenant Build-Out contractor shall be responsible for obtaining the services of a Washington state certified sprinkler contractor, who will submit at a later date the certified sprinkler shop drawing and calculations for all modifications.
- PLUMBING REQUIREMENTS:**
  - Complete and comprehensive plumbing fixture requirements will be performed on the tenant interior build-out drawings, which will be submitted at a later date.
- SPECIAL INSPECTIONS:**
  - Special inspections shall be provided for this project by the owner, but scheduled by the contractor.
  - Refer to structural drawings for a more detailed breakdown on Structural Special Inspections.
  - The following items as per IBC Chapter 17 require special inspections:
    - Soils compliance prior to foundation inspection, compacting fill, special grading
    - Structural concrete over 2,500 PSI
    - Field welding
    - High strength bolts
    - Structural masonry
    - Cold-formed steel framing
    - Installation of E.I.F.S. on sheathing

## DRAWING ABBREVIATIONS

& I	AND	MAX	MAXIMUM
@	ANGLE	MBL	MARBLE
#	AT	MECH	MECHANICAL
	CENTER LINE	MFR(S)	MANUFACTURER(S)
	POUND OR NUMBER	MH	MANHOLE
		MIN	MINIMUM
ACT	ACOUSTICAL CEILING TILE	MISC	MISCELLANEOUS
A.F.F	ABOVE FINISHED FLOOR	MO	MASONRY OPENING
ALUM	ALUMINUM	MR	MOISTURE RESISTANT
APPROX	APPROXIMATE(LY)	MTD	MOUNTED
ARCH	ARCHITECTURE(URAL)	MTG	MOUNTING
AC	AIR CONDITIONING	MTL	METAL
BLDG	BUILDING	N/A	NOT APPLICABLE
BRG	BEARING	NIC	NOT IN CONTRACT
		NO	NUMBER
CB	CATCH BASIN	NOM.	NOMINAL
C.J.	CONTROL JOINT	NTS	NOT TO SCALE
CLG	CEILING		
CMU	CONCRETE MASONRY UNIT	O.A.	OVERALL
COL	COLUMN	O.C.	ON CENTER
CONC	CONCRETE	O.H.	OVER HEAD
CONT	CONTINUOUS	O.PH	OPPOSITE HAND
CPT	CARPET	OPP	OPPOSITE
C.T.	CERAMIC TILE		
CU FT	CUBIC FOOT	PDT.	PAINTED
CU YD	CUBIC YARD	PL.	PLATE
		PLAM	PLASTIC LAMINATE
		PNT	PAINT
DEPT.	DEPARTMENT		
DF	DETAIL	R	RADIUS
DF	DRINKING FOUNTAIN	RD	ROOF DRAIN
DIA	DIAMETER	REINF	REINFORCEMENT
DIM	DIMENSION	REQD	REQUIRED
DS	DOWN SPOUT	RL	ROOF LEADER
DWG	DRAWING(S)	RO	ROUGH OPENING
		RTU	HVAC UNIT
E.I.F.S.	EXT. INSULATION & FINISH SYSTEM	SC	SOLID CORE
E.I.	EXPANSION JOINT	SCWD	SOLID CORE WOOD
ELEC	ELECTRICAL	SD	STORM DRAIN
EMER.	EMERGENCY	SECT.	SECTION
EQ	EQUAL	SQ	SQUARE
E.W.C.	ELECTRIC WATER COOLER	SQ FT	SQUARE FOOT
EXG.	EXISTING	SQ IN	SQUARE INCH
EXP	EXPANSION	SQ YD	SQUARE YARD
EXT	EXTERIOR	STD	STANDARD
FD	FLOOR DRAIN	STL	STEEL
FE	FIRE EXTINGUISHER	STRUCT	STRUCTURAL
FEC	FIRE EXTINGUISHER CABINET	SUSP	SUSPENDED
FHC	FIRE HOSE CABINET		
FIN	FINISH	T	TEMPERED
F.R.T.	FIRE-RETARDANT TREATED	TC	TOP OF CURB
FTG.	FOOTING	T&G	TONGE AND GROOVE
		T.G.	TEMPERED GLASS
GA	GAUGE(GAGE)	THK.	THICK
GALV	GALVANIZED	THRU	THROUGH
GB	GRAB BAR	T.I.G.	TEMPERED INSULATED
GC	GENERAL CONTRACTOR	GLASS	GLASS
GYP.	GYPSONUM	TLT	TOILET
GYPBD.	GYPSONUM WALLBOARD	T.O.M.	TOP OF MASONRY
		T.O.S.	TOP OF STEEL
H.B.	HOSE BIBB	TP	TOP OF PAVMENT
HC	HANDICAPPED ACCESSIBLE	TS	TUBE STEEL
H.C.	HOLLOW CORE	TV	TELEVISION
HOL. MET.	HOLLOW METAL	T.W.	TOP OF WALL
HORIZ.	HORIZONTAL	TYP.	TYPICAL
HT	HEIGHT		
HVAC	HEATING VENTILATING AIR CONDITIONING	U.G.	UNDERGROUND
		U.N.O.	UNLESS NOTED
		U.R.	URINAL
INFO.	INFORMATION	VCT	VINYL COMPOSITE TILE
INSUL.	INSULATION	VERT	VERTICAL
INT.	INTERIOR	V.F.F.	VERIFY IN FIELD
LAM	LAMINATE	VT	VINYL TILE
LAV	LAVATORY	V.T.R.	VENT THROUGH ROOF
LB	POUND	VWC	VINYL WALL COVERING
		WH	WATER HEATER
		WWF	WELDED WIRE FABRIC
		WT	WEIGHT

## GENERAL NOTES

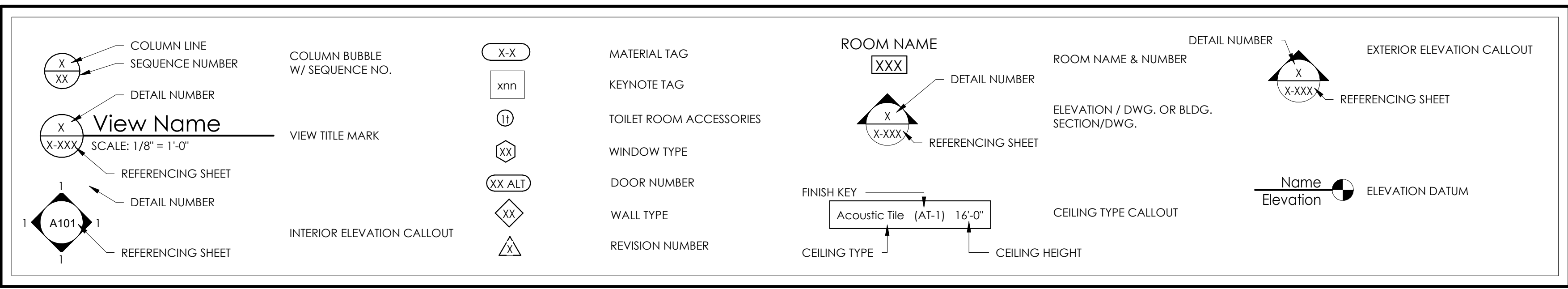
- SCOPE: SHELL BUILD OUT FOR NEW MALL TENANT; COMBINING THREE (3) VACANT TENANT SPACES WITHIN EXISTING MALL BUILDING.
- REFERENCE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION ON ALL ASPECTS OF THE WORK. PROJECT SPECIFICATIONS ALSO REFERENCE MANY OTHER BUILDING AND INDUSTRY STANDARDS. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE STANDARDS, IN CONJUNCTION WITH THESE DRAWINGS AND SPECIFICATIONS. IF MORE STRINGENT OF AN ITEM IS LISTED IN THESE SPECIFICATIONS OR DRAWINGS, THEN THAT OF A REFERENCE STANDARD, THEN THAT ITEM MUST BE PROVIDED PER THE MORE STRINGENT REQUIREMENT. ANY DEVIATION OR OMISSION OF ANY WORK ITEM MUST MEET THE APPROVAL OF THE ARCHITECT PRIOR TO COMMENCEMENT OF THAT PORTION OF WORK.
- ALL DIMENSIONS SHOWN ON THESE DRAWINGS ARE TO CENTERLINE OF COLUMN OR TO FACE OF EXTERIOR BUILDING AND INTERIOR WALLS. THESE DIMENSIONS HAVE BEEN TAKEN OFF FROM EXISTING CONSTRUCTION DRAWINGS AND HAVE NOT BEEN FIELD VERIFIED FOR EXACT ACCURACY.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL WORK BY ALL TRADES FOR THIS PROJECT. THE GENERAL CONTRACTOR SHALL USE THE LANDLORDS CONSTRUCTION MANAGER AS THEIR FIRST POINT OF CONTACT WITH THE LANDLORD. DURING BIDDING, ALL INQUIRES MUST BE DIRECTED TO THE CONSTRUCTION MANAGER. AFTER AWARD OF CONTRACT, THE GENERAL CONTRACTOR MAY CONTACT THE ARCHITECT WHEN THE LANDLORD CONSTRUCTION MANAGER IS UNOBTAINABLE.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION WORK SHOWN ON ALL DRAWINGS, AND SHALL COORDINATE WITH SUB-CONTRACTORS, AS REQUIRED. ALL SUB-CONTRACTORS SHALL REVIEW ALL DEMOLITION DRAWINGS, AND BE MADE AWARE THAT ADDITIONAL SELECTIVE DEMOLITION MAY BE SHOWN ON OTHER DRAWINGS.
- FOR CONFLICTS WITHIN THE DRAWINGS AND/OR SPECIFICATIONS, THE GENERAL CONTRACTOR SHALL INCLUDE IN THEIR BIDS. ALL ITEMS INCLUDED WITHIN THESE DRAWINGS AND SPECIFICATIONS, EVEN IF IT IS FOUND TO BE CONTRADICTORY IN ANOTHER LOCATION WITHIN THESE DOCUMENTS. IF A CONFLICT IS FOUND, CONSULT WITH THE LANDLORDS CONSTRUCTION MANAGER FOR CLARIFICATION, EITHER IF FOUND DURING THE BIDDING, OR PRIOR TO THE COMMENCEMENT OF THAT CONFLICTING PORTION OF THE WORK.
- WHERE THERE IS A DISCREPANCY ON THE CONTRACT DOCUMENTS WITH THE WORK, AND CONTRACTOR FAILED TO GET CLARIFICATION DURING THE BID PROCESS, THEN THE CONTRACTOR SHALL ASSUME IN HIS BID THE MOST STRINGENT OF THE ITEMS THAT ARE DISCREPANT.
- ANY REFERENCE TO 'BY LANDLORD' SHALL CONSTITUTE THAT SUCH ITEM IS TO BE BY THIS CONTRACTOR. ANY REFERENCE TO 'BY TENANT' SHALL CONSTITUTE THAT SUCH ITEM IS TO BE BY A SEPARATE OTHER CONTRACTOR. ANY ITEM NOT LABELED AS 'EXISTING' OR 'EXG', SHALL BE CONSIDERED TO MEAN IT IS A NEW ITEM BY THIS CONTRACTOR. IN MANY REFERENCES, MOST NEW ITEMS ARE LABELED NEITHER: 'BY LANDLORD', NOR 'BY TENANT', BUT SHALL BE ASSUMED TO BE A NEW ITEM PERFORMED BY THIS CONTRACTOR.
- THE GENERAL CONTRACTOR TO COORDINATE, APPLY AND SCHEDULE WITH ANY AND ALL APPLICABLE SUBCONTRACTORS FOR PERMANENT UTILITY SERVICES AND METERS REQUIRED FOR THIS PROJECT. THE OWNER IS AVAILABLE TO ASSIST IN THE APPLICATION PROCESS AND WILL PAY FOR ANY FEES INCURRED BY ANY UTILITY PROVIDER.
- THE GENERAL CONTRACTOR SHALL PROVIDE THE FOLLOWING DEFERRED SUBMITTALS WHICH SHALL BE RENDERED BY A PROFESSIONAL DESIGNER.
  - ALUMINUM FRAMED AND GLAZED ENTRANCE ASSEMBLIES
  - FIRE SPRINKLER SYSTEMS
  - STRUCTURAL GAUGE METAL STUD ASSEMBLIES
  - STRUCTURAL STEEL
  - PREFABRICATED BUILDING SUPPORTED CANOPY SYSTEMS

ARCHITECTURAL				STRUCTURAL				MECHANICAL / PLUMBING / FIRE PROTECTION / ELECTRICAL							
No.	Name	Revision Date	No.	No.	Name	Revision Date	No.	No.	Name	Revision Date	No.				
0. General															
G-000	COVER SHEET			S-001	GENERAL NOTES			6. Mechanical							
G-001	U.L. DETAILS	9-16-24	1	S-300	ROOF FRAMING PLAN			MP-100	FLOOR PLAN - MECHANICAL / PLUMBING						
2. Demolition															
D-100	FLOOR PLAN - DEMOLITION			S-301	ROOF FRAMING DETAILS			M-300	FLOOR PLAN - MECHANICAL						
D-101	ENLARGED ENTRANCE PLAN - DEMOLITION AND DEMOLITION NOTES	9-16-24	1	S-400	STOREFRONT ELEVATIONS			8. Fire Protection							
D-200	CEILING PLAN - DEMOLITION			S-401	STOREFRONT DETAILS			FP-100	FLOOR PLAN - FIRE PROTECTION						
D-300	ROOF PLAN - DEMOLITION	9-16-24	1	9. Electrical											
D-400	EXTERIOR ELEVATIONS - DEMOLITION			E-100	FLOOR PLAN - ELECTRICAL			E-200							
D-500	DEMOLITION WALL SECTIONS	9-16-24	1	ELECTRICAL SCHEDULES AND SPECIFICATIONS											
D-600	EXISTING CONDITIONS AND DEMOLITION SITE PLAN			The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.											
4. Architectural															
A-100	FLOOR PLAN			Full sized legible color plans are required to be provided by the permittee on site for inspection.											
A-101	ENLARGED FLOOR PLAN - STOREFRONT	9-16-24	1	The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.											
A-200	CEILING PLAN AND ENLARGED CEILING PLAN - STOREFRONT			Full sized legible color plans are required to be provided by the permittee on site for inspection.											
A-300	ROOF PLAN			Separate Electrical Permit is required with the Washington State Department of Labor & Industries. <a href="https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections">https://lni.wa.gov/licensing-permits/electrical/electrical-permits-fees-and-inspections</a> or call for Licensing Information: 1-800-647-0982											
A-400	EXTERIOR ELEVATIONS			City of Puyallup Development & Permitting Services APPROVED											
A-500	EXTERIOR WALL SECTIONS			City of Puyallup Building REVIEWED FOR COMPLIANCE											
A-501	EXTERIOR WALL SECTIONS			City of Puyallup Development & Permitting Services ISSUED PERMIT											
A-600	SITE PLAN			City of Puyallup Planning Division APPROVED											
A-601	SITE DETAILS			See permit conditions.											
A-602	LANDSCAPE AND IRRIGATION PLAN			A Hunt 08/23/2024 1:25:36 PM											
A-700	DOOR SCHEDULE, DOOR TYPES, FRAME TYPES, FINISH LEGEND, E.I.F.S. DETAILS, AND NOTES	9-16-24	1	SKinnear 11/12/2024 1:22:41 PM											

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ENGINEER: CHRIS JONES  
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Revision No.	Description	Date	Issued By	SD	SD
1	ADDENDUM A	9-16-24	Issued Final		

COVER SHEET

PRCT120241136

Project Information:

Project No.: 62-800

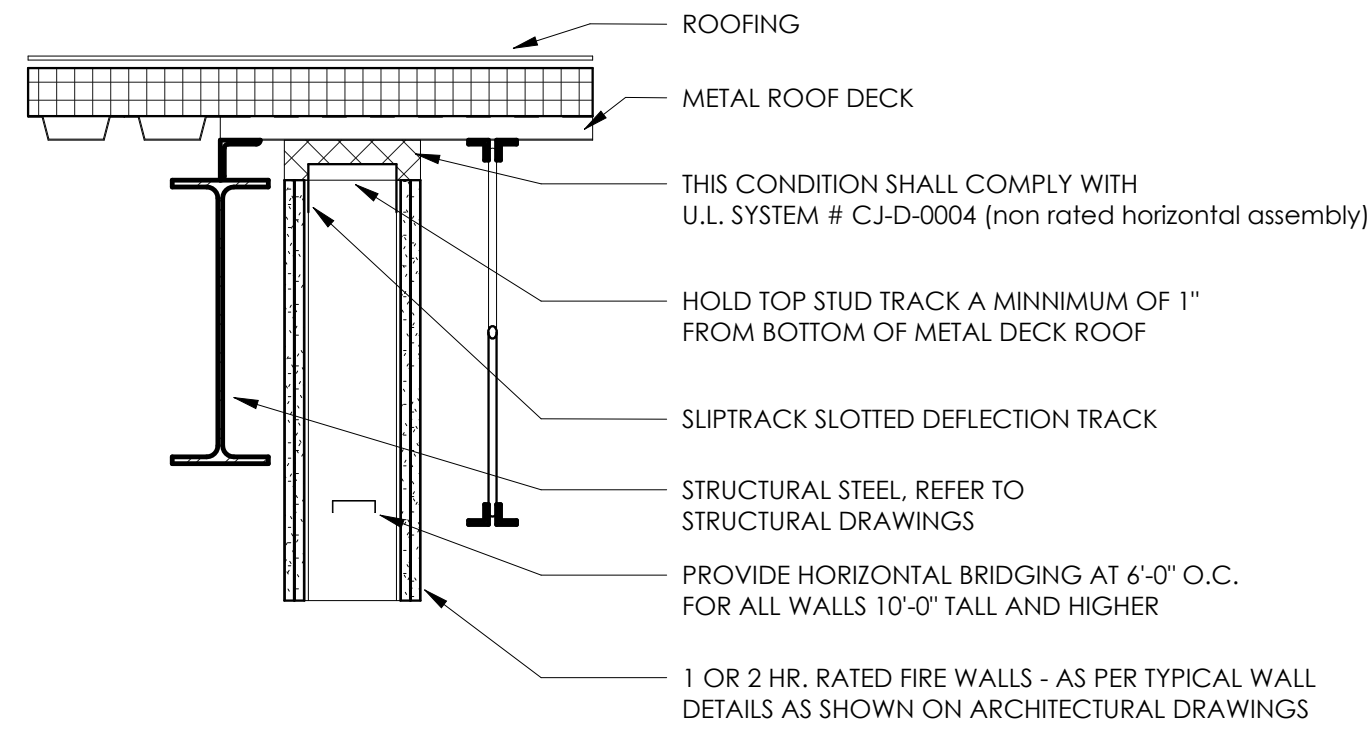
Date: 9-25-24

Drawn By: SD

Checked By: RP

G-000

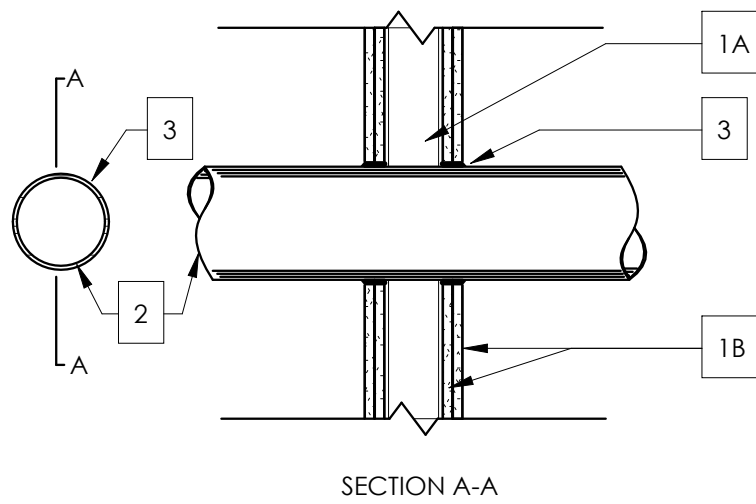




4 Detail - Typical Joint System @ Top of Rated Walls  
SCALE: N.T.S.

NOTE:  
THIS DETAIL IS TYPICAL WHEN PIPING PENETRATES A FIRE-RATED WALL ASSEMBLY.

F RATINGS - 1, 2, 3, AND 4 HR (SEE ITEMS 2 AND 3)  
T RATINGS - 0, 1/2, 3, AND 4 HR (SEE ITEM 3)  
L RATING AT AMBIENT - LESS THAN 1 CFM/SQ. FT.  
L RATING AT 400 F - LESS THAN 1 CFM/ SQ. FT.



1. **WALL ASSEMBLY** - THE 1, 2, 3 OR 4 HR. FIRE RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE U.L. FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES.

A. **STUDS** - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS (MAX 2HR. FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED 16" O.C. WITH NOM 2 BY 4 IN. LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN. 3-5/8" WIDE BY 1-3/8" DEEP CHANNELS SPACED MAX. 24" O.C.

B. **WALLBOARD, GYPSUM\*** - NOM. 1/2" OR 5/8" THICK. 4" WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE U.L. FIRE RESISTANCE DIRECTORY. MAX. DIAM. OF OPENING IN WALLBOARD LAYERS IS 13-1/2".

2. **PIPE OR CONDUIT** - NOM 12" DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM. 12" DIAM. (OR SMALLER) SERVICE WEIGHT (OR HEAVIER) CAST IRON SOIL PIPE, NOM 12" DIAM (OR HEAVIER) CLASS 50 (OR HEAVIER) DUCTILE IRON PRESSURE PIPE, NOM. 6" DIAM. (OR SMALLER) STEEL CONDUIT, NOM. 4" DIAM. (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING, NOM. 6" DIAM. (OR SMALLER) TYPE I (OR HEAVIER) COPPER TUBING OR NOM. 1" DIAM. (OR SMALLER) FLEXIBLE STEEL CONDUIT. WHEN COPPER PIPE IS USED, MAX. F RATING OF FIRESTOP SYSTEM (ITEM 3) IS 2 HR. STEEL PIPES OR CONDUITS LARGER THAN NOM. 4" DIAM. MAY BE USED ONLY IN WALLS CONSTRUCTED USING STEEL CHANNEL STUDS. A MAX. OF ONE PIPE OR CONDUIT IS PERMITTED IN THE FIRESTOP SYSTEM. PIPE OR CONDUIT TO BE INSTALLED NEAR CENTER OF STUD CAVITY WIDTH AND TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY.

3. **FILL VOID OR CAVITY MATERIAL\* - CAULK** - CAULK FILL MATERIAL INSTALLED TO COMPLETE FILL ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND GYPSUM WALLBOARD AND WITH A MIN. 1/4" DIAM. BEAD OF CAULK APPLIED TO PERIMETER OF PIPE OR CONDUIT AT ITS EGRESS FROM THE WALL. CAULK INSTALLED SYMMETRICALLY ON BOTH SIDES OF THE WALL ASSEMBLY. THE HOURLY F. RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. AS SHOWN IN THE FOLLOWING TABLE. THE HOURLY T. RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE TYPE OR SIZE OF THE CONDUIT OR PIPE AND THE HOURLY FIRE RATINGS OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. AS TABULATED BELOW.

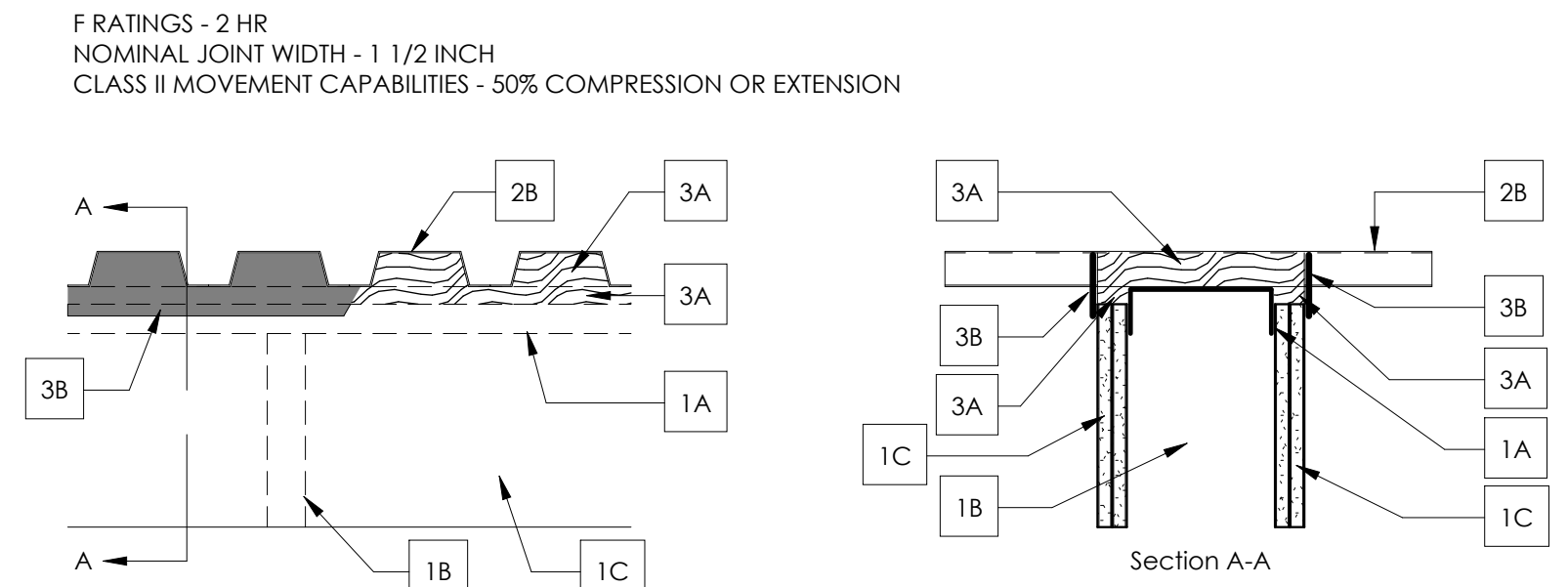
MAX. PIPE/ CONDUIT DIAM., IN.	ANNULAR SPACE, IN.	F RATING, HR.	T RATING, HR.
1	0 TO 3/16	1 OR 2	0 + 1 OR 2
1	1/4 TO 1/2	3 OR 4	3 OR 4
4	0 TO 1-1/2	1 OR 2	0
6	1/4 TO 1/2	3 OR 4	0
12	3/16 TO 3/8	1 OR 2	0

+ WHEN COPPER PIPE IS USED, T RATING IS 0 HR.  
MINNESOTA MINNING & MFG. CO. - CP 25WB

\* BEARING THE UL CLASSIFICATION MARKING.

2 U.L. Design No. WL1001  
SCALE: N.T.S.

NOTE:  
THIS DETAIL IS TYPICAL HEAD OF WALL JOINT SYSTEM FOR FIRE-RATED WALL ASSEMBLY.



1. **WALL ASSEMBLY** - THE 1 OR 2 HR. FIRE RATED GYPSUM WALLBOARD/STEEL STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE U.L. FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES.

A. **STEEL FLOOR AND CEILING RUNNERS** - FLOOR AND CEILING RUNNERS OF WALL ASSEMBLY SHALL CONSIST OF GALV STEEL CHANNELS SIZED TO ACCOMMODATE STEEL STUDS (ITEM 1B). FLANGE HEIGHT OF CEILING RUNNER SHALL BE MIN 1/4 IN. (6mm) GREATER THAN MAX EXTENDED JOINT WIDTH. CEILING RUNNER INSTALLED PERPENDICULAR TO DIRECTION OF FLUTED STEEL DECK AND SECURED TO VALLEYS WITH STEEL FASTENERS OR WELDS SPACED MAX 24 IN. (610mm) O.C.

A1. **LIGHT GAUGE FRAMING\*** - (XHLI) - SLOTTED CEILING RUNNER - AS AN ALTERNATE TO THE CEILING RUNNER IN ITEM 1A, SLOTTED CEILING RUNNER TO CONSIST OF GALV STEEL CHANNEL WITH SLOTTED FLANGES SIZED TO ACCOMMODATE STEEL STUDS (ITEM 1B). SLOTTED CEILING RUNNER INSTALLED PERPENDICULAR TO DIRECTION OF FLUTED STEEL DECK AND SECURED TO VALLEYS WITH STEEL FASTENERS OR WELDS SPACED MAX 24 IN. (610mm) O.C.

**CALIFORNIA EXPANDED METAL PRODUCTS CO - CST**  
**CLARKDIETRICH BUILDING SYSTEMS - TYPE SLT, SLT-H**  
**CONSOLIDATED FABRICATORS CORP. BUILDING PRODUCTS DIV - SDT250, SDT300**  
**MARINO/WARE, DIV OF WARE INDUSTRIES INC - TYPE SLT**  
**METAL-LITE INC - THE SYSTEM**  
**OLMAR SUPPLY INC - STT250, STT300**  
**SCAFO STEEL STUD MANUFACTURING CO - SLOTTED TRACK**  
**TELLING INDUSTRIES L L C - TRUE-ACTION DEFLECTION TRACK**

A2. **LIGHT GAUGE FRAMING\*** - (XHLI) - VERTICAL DEFLECTION CEILING RUNNER - WHEN THE NOM JOINT WIDTH IS LESS THAN OR EQUAL TO 3/4 IN. (19mm), VERTICAL DEFLECTION CEILING RUNNER MAY BE USED AS AN ALTERNATE TO THE CEILING RUNNERS IN ITEMS 1A AND 1A1. VERTICAL DEFLECTION CEILING RUNNER TO CONSIST OF GALV STEEL CHANNEL WITH SLOTTED VERTICAL DEFLECTION CLIPS MECHANICALLY FASTENED WITHIN RUNNER. SLOTTED CLIPS PROVIDED WITH STEP BUSHINGS FOR PERMANENT FASTENING OF STEEL STUDS. FLANGES SIZED TO ACCOMMODATE STEEL STUDS (ITEM 1B). VERTICAL DEFLECTION CEILING RUNNER INSTALLED PERPENDICULAR TO DIRECTION OF FLUTED STEEL DECK AND SECURED TO VALLEYS WITH STEEL FASTENERS OR WELDS SPACED MAX 24 IN. (610mm) O.C.

A3. **LIGHT GAUGE FRAMING\*** - (XHLI) - NOTCHED CEILING RUNNER - AS AN ALTERNATE TO THE CEILING RUNNERS IN ITEMS 1A THROUGH 1A2, NOTCHED CEILING RUNNERS TO CONSIST OF C-SHAPED GALV STEEL CHANNEL WITH NOTCHED RETURN FLANGES SIZED TO ACCOMMODATE STEEL STUDS (ITEM 1B). NOTCHED CEILING RUNNER INSTALLED PERPENDICULAR TO DIRECTION OF FLUTED STEEL DECK AND SECURED TO VALLEYS WITH STEEL FASTENERS OR WELDS 24 IN (610mm) O.C.

**OLMAR SUPPLY INC - TYPE SCR**

B. **STUDS** - STEEL STUDS TO BE MIN 3-1/2 IN. (69 mm) WIDE. STUDS CUT 3/4 IN. (19 mm) LESS IN LENGTH THAN ASSEMBLY HEIGHT WITH BOTTOM NESTING IN AND RESTING ON FLOOR RUNNER AND WITH TOP NESTING IN CEILING RUNNER WITHOUT ATTACHMENT. WHEN SLOTTED CEILING RUNNER (ITEM 1A1) IS USED, STEEL STUDS SECURED TO SLOTTED CEILING RUNNER WITH NO. 8 BY 1/2 IN. (13 mm) LONG WAFER HEAD STEEL SCREWS AT MIDHEIGHT OF SLOT ON EACH SIDE OF WALL. WHEN VERTICAL DEFLECTION CEILING RUNNER (ITEM 1A2) IS USED, STEEL STUDS SECURED TO SLOTTED VERTICAL DEFLECTION CLIPS THROUGH THE BUSHINGS, WITH STEEL SCREWS AT MIDHEIGHT OF EACH SLOT. STUD SPACING NOT TO EXCEED 24 IN. (610 MM) OC.

C. **GYPSUM BOARD\*** - (CKNX) - MIN 5/8 IN. (16 mm) THICK GYPSUM BOARD SHEETS INSTALLED ON EACH SIDE OF WALL. WALL TO BE CONSTRUCTED AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY, EXCEPT THAT A MAX 1-1/2 IN. (38 mm) GAP SHALL BE MAINTAINED BETWEEN THE TOP OF THE GYPSUM BOARD AND THE BOARD ABOVE THE TOP ROW OF SCREWS SHALL BE INSTALLED INTO THE STUDS 3-1/2 TO 4 IN. (89 TO 102 mm) BELOW THE LOWER SURFACE OF THE FLOOR OR ROOF.

2. **NONRATED HORIZONTAL ASSEMBLY** - THE NONRATED HORIZONTAL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS DESCRIBED BELOW:

A. **SUPPORTS (NOT SHOWN)** - STRUCTURAL STEEL OR OTHER MEMBERS SUPPORTING THE STEEL DECK.

B. **STEEL DECK** - MAX 3 IN. (76 mm) DEEP BY MIN 20 MSG STEEL DECK FLUTED MAX 12 IN. (305 mm) ON CENTER. WELDED OR MECHANICALLY FASTENED TO SUPPORTS (ITEM 2A).

C. **CONCRETE (NOT SHOWN, OPTIONAL)** - STEEL DECK MAY BE TOPPED WITH REINFORCED CONCRETE. THICKNESS OF CONCRETE MAY VARY.

3. **JOINT SYSTEM - MAX SEPARATION BETWEEN BOTTOM OF STEEL DECK AND TOP OF WALL ASSEMBLY AT TIME OF INSTALLATION OF JOINT SYSTEMS IS 1 1/2 IN. (38 mm). JOINT SYSTEM IS DESIGNED TO ACCOMMODATE A MAX 50 PERCENT COMPRESSION OR EXTENSION FROM ITS INSTALLED WIDTH. THE JOINT SYSTEM CONSISTS OF FORMING MATERIAL AND A FILL MATERIAL, AS FOLLOWS:**

A. **FORMING MATERIAL\*** - NOM 4 PCF (64 kg/m<sup>3</sup>) DENSITY MINERAL WOOL BATT INSULATION CUT APPROX 25 PERCENT WIDER THAN THE FLUTES WITH A LENGTH APPROX EQUAL TO THE OVERALL THICKNESS OF THE WALL. MULTIPLE PIECES STACKED ON TOP OF EACH OTHER. AS NEEDED, AND THEN COMPRESSED 50 PERCENT IN THICKNESS AND INSERTED INTO THE FLUTES OF THE STEEL DECK ABOVE THE TOP OF THE CEILING RUNNER. THE MINERAL WOOL BATT INSULATION IS TO PROJECT BEYOND EACH SIDE OF THE CEILING RUNNER, FLUSH WITH WALL SURFACES. ADDITIONAL 1 1/4 IN. (32 mm) WIDE STRIPS OF NOM 4 PCF (64 kg/m<sup>3</sup>) MINERAL WOOL BATT INSULATION ARE TO BE CUT TO FILL THE GAP BETWEEN THE TOP OF THE GYPSUM BOARD AND BOTTOM OF THE STEEL DECK. THE STRIPS OF MINERAL WOOL ARE COMPRESSED 50 PERCENT AND TIGHTLY PACKED. CUT EDGE FIRST, INTO THE GAP BETWEEN THE TOP OF THE GYPSUM BOARD AND BOTTOM OF THE STEEL DECK.

**ROCK WOOL MANUFACTURING CO - DELTA-BOARD**  
**ROCKWOOL USA**  
**THERMAFIBER INC - TYPE SAF**

A1. **FORMING MATERIAL\* - PLUGS** - (OPTIONAL, NOT SHOWN) PREFORMED MINERAL WOOL PLUGS, FORMED TO THE SHAPE OF THE FLUTED FLOOR UNITS, FRICTION FIT TO COMPLETELY FILL THE FLUTES ABOVE THE CEILING CHANNEL. THE PLUGS SHALL PROJECT BEYOND EACH SIDE OF THE CEILING RUNNER, FLUSH WITH WALL SURFACES. ADDITIONAL FORMING MATERIAL, DESCRIBED IN ITEM 3A2, TO BE USED IN CONJUNCTION WITH THE PLUGS TO FILL THE GAP BETWEEN THE TOP OF GYPSUM BOARD AND BOTTOM OF STEEL DECK.

**HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CP 777 SPEED PLUGS**

A2. **FORMING MATERIAL\* - STRIPS** - (OPTIONAL) - NOM 1 1/4 IN. (16 OR 32 mm) WIDE PRECUT MINERAL WOOL STRIPS. THE STRIPS ARE COMPRESSED 50 PERCENT AND FIRMLY PACKED. CUT EDGE FIRST, INTO THE GAP BETWEEN THE TOP OF THE GYPSUM BOARD AND BOTTOM OF THE STEEL DECK ON BOTH SIDES OF THE WALL.

**HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CP 767 SPEED STRIPS**

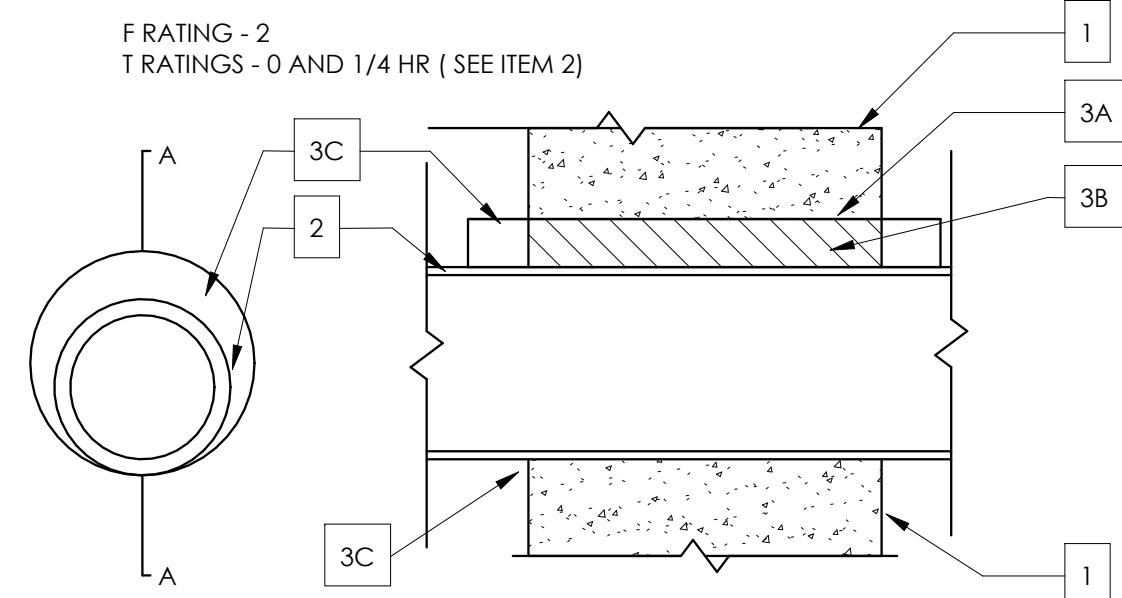
B. **FILL VOID OR CAVITY MATERIAL\*** - MIN 1/16 IN. (1.6 mm) DRY THICKNESS (1/8 IN. OR 3.2 mm WET THICKNESS) OF FILL MATERIAL SPRAYED OR TROWELED ON EACH SIDE OF THE WALL TO COMPLETELY COVER MINERAL WOOL FORMING MATERIAL AND TO OVERLAP A MIN OF 1/2 IN (13 mm) ONTO GYPSUM BOARD AND STEEL DECK ON BOTH SIDES OF WALL.

**HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC - CFS-SP WB FIRESTOP JOINT SPRAY**

\* BEARING THE UL CLASSIFICATION MARKING

1 U.L. Design CJ-D-0004  
SCALE: 1 1/2" = 1'-0"

NOTE:  
THIS PENETRATION ASSEMBLY TYPICAL WHEN PIPING PENETRATES A FIRE-RATED MASONRY OR CONCRETE WALL ASSEMBLY.



1. **WALL ASSEMBLY** - MIN. 5" THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS. MAXIMUM DIAMETER OF OPENING IS 20".

2. **THROUGH PENETRANTS** - ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:

A. **STEEL PIPE** - 17-1/4" DIAMETER (OR SMALLER) 0.125" WALL THICKNESS (OR HEAVIER) STEEL PIPE. THE ANNULAR SPACE SHALL BE MIN 0" TO MAX 2-3/4". THE T RATING IS 0 HR. IF THE CONDUIT IS USED.

B. **CONDUIT** - NOM. 4" DIAM. (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR STEEL CONDUIT. THE ANNULAR SPACE SHALL BE MIN. 0" TO MAX. 1/2". THE T RATING IS 1/4 HR. IF THE CONDUIT IS USED.

3. **FIRESTOP SYSTEM** - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING:

A. **STEEL WIRE MESH** - NO. 8 STEEL WIRE MESH HAVING A MIN 1" LAP ALONG THE LONGITUDINAL SEAM. LENGTH OF STEEL WIRE MESH TO BE 4-3/4", CENTERED AND FORMED TO FIT PERIPHERY OF THROUGH OPENING.

B. **PACKING MATERIAL** - MIN. 4.0" THICKNESS OF MIN. 3.5 PCF MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS IF FILL MATERIAL.

C. **FILL VOID OR CAVITY MATERIAL\*** - CAULK - MIN. 3/4" AND 1/2" THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULUS FOR STEEL PIPE AND EMT, RESPECTIVELY. FLUSH WITH BOTH SURFACES OF WALL. AT THE POINT CONTACT LOCATION BETWEEN PIPE AND CONCRETE, A MIN. 1/2" DIAM. BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE CONCRETE/PIPE INTERFACE ON BOTH SURFACES OF WALL.

**THE RECTORSAL CORP. - METACAULK 835+**

\* BEARING THE UL CLASSIFICATION MARKING.

3 U.L. DESIGN No. WJ1018  
SCALE: N.T.S.

Revision No.	Issued For	Description	Date	SD	By
07-01-24					

7/10/2024 10:45:56 AM E:\Departments\AEC\OB\_AE\WPA\_South Hill Mall\BARNES & NOBLE BOOKSELLERS\_800\AUTO\_DESK\62-800\_Arch.rvt

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

9/25/2024 10:28:39 AM E:\Departments\AEC\OB\_AE\_WPA\_South Hill Mall\BARNES & NOBLE BOOKSELLERS\_800\AUTO DESK\62-800 Arch.rvt

**APPROVED PLAN**  
CITY OF PUYALLUP  
PLANNING DIVISION

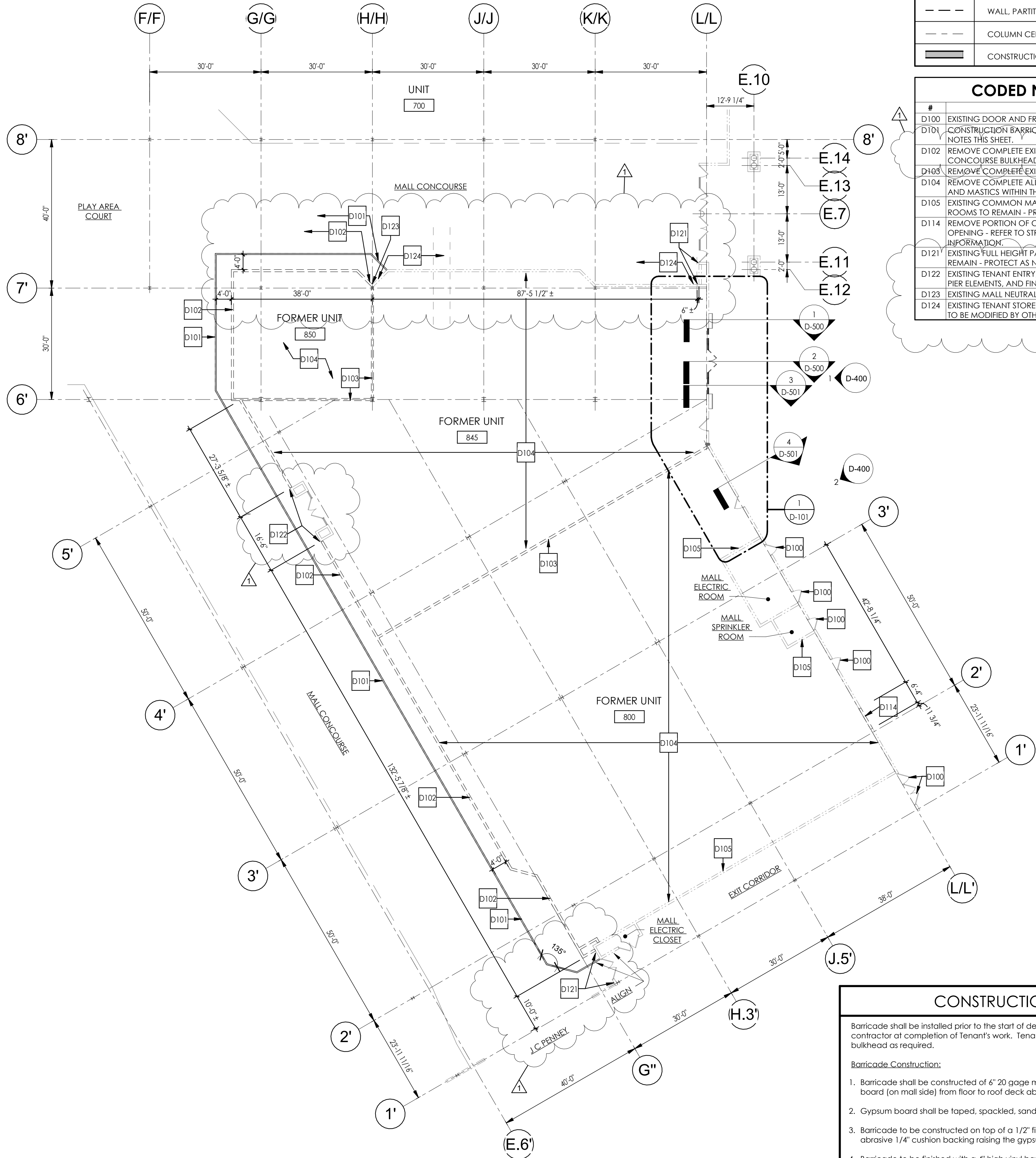
APPROVED BY: ARamirez

DATE: 08/08/2024

CASE NO.: PRCTI20241136

CONDITIONS:

1 Floor Plan - Demolition  
D-100 SCALE: 1/16" = 1'-0"



**LEGEND TO DEMOLITION PLANS**

SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
- - -	COLUMN CENTERLINE
█	CONSTRUCTION BARRICADE

**CODED NOTES THIS SHEET**

#	DESCRIPTION
D100	EXISTING DOOR AND FRAME TO REMAIN.
D101	CONSTRUCTION BARRICADE - REFER TO CONSTRUCTION BARRICADE NOTES THIS SHEET.
D102	REMOVE COMPLETE EXISTING TENANT STOREFRONTS UP TO EXG. MALL CONCOURSE BULKHEAD, EXCEPT WHERE INDICATED.
D103	REMOVE COMPLETE EXISTING TENANT DEMISING WALL.
D104	REMOVE COMPLETE ALL WALLS, FIXTURES, EQUIPMENT, FLOORING AND MASTICS WITHIN THE ENTIRE TENANT DEMISED AREAS.
D105	EXISTING COMMON MALL WALLS OF EXIT CORRIDORS AND UTILITY ROOMS TO REMAIN - PROTECT AS REQUIRED
D114	REMOVE PORTION OF CONCRETE PANEL FOR NEW DOUBLE DOOR OPENING - REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
D121	EXISTING FULL HEIGHT PARTITION AND ASSOCIATED MALL FINISHES TO REMAIN - PROTECT AS NECESSARY.
D122	EXISTING TENANT ENTRY, INCLUDING GLAZING, DOORS, ARCHITECTURAL PIER ELEMENTS, AND FINISHES TO REMAIN. PROTECT AS NECESSARY.
D123	EXISTING MALL NEUTRAL PIER TO REMAIN, TO BE MODIFIED BY OTHERS.
D124	EXISTING TENANT STOREFRONT AND ASSOCIATED FINISHES TO REMAIN, TO BE MODIFIED BY OTHERS.

**CONSTRUCTION BARRICADE NOTES**

Barricade shall be installed prior to the start of demolition and be removed by Tenant's contractor at completion of Tenant's work. Tenant's contractor to patch and repair soffit / bulkhead as required.

**Barricade Construction:**

- Barricade shall be constructed of 6" 20 gage metal studs @ 24" O.C., with 5/8" gypsum board (on mall side) from floor to roof deck above.
- Gypsum board shall be taped, spackled, sanded, and painted a white semi-gloss color.
- Barricade to be constructed on top of a 1/2" fire-treated plywood substrate with a non-abrasive 1/4" cushion backing raising the gypsum board 3/4" above the finished floor.
- Barricade to be finished with a 4" high vinyl base rail.
- Provide a 3'-0"W x 6'-8"H hollow core wood access door in barricade wall, with all frames and door painted to match barricade. Location of door to be coordinated with construction manager and tenant.

Developer: **CAFARO** - Est. 1949 -  
 Commercial & Industrial Real Estate Developers  
 5577 Youngstown - Warren Road  
 Niles, Ohio 44446  
 Phone: 330-747-2661  
 Fax: 330-747-2661

Architect: **IRIP**  
**RICK PARTIKA, AIA**  
 5577 Youngstown - Warren Road  
 Niles, Ohio 44446  
 Phone: 330-747-2661  
 Email: rpartika@cafaro.com

Revision No.	Description	Date	Issued By	SD
1	ADDENDUM A Issued Final	07-01-24	SD	SD

Project Information:  
 Project No.: 62-800  
 Date: 9-25-24  
 Drawn By: SD  
 Checked By: RP

Sheet Title: **FLOOR PLAN - DEMOLITION**  
**BARNES & NOBLE**  
**SOUTH HILL MALL - UNIT #800**  
 PUYALLUP, WASHINGTON

Sheet No.: **PRCTI20241136**  
**D-100**

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### DEMOLITION NOTES - MECHANICAL

- COORDINATE THE DEMOLITION OF ANY POWERED MECHANICAL EQUIPMENT THAT IS TO BE REMOVED WITH THE ELECTRICAL CONTRACTOR.
- DISPOSAL OF ALL EQUIPMENT, PIPING, ETC., IN STRICT ACCORDANCE WITH ALL LOCAL AND FEDERAL REGULATIONS, ALONG WITH ANY ASSOCIATED DISPOSAL FEES AND EXPENSES.
- ANY DEMOLITION WORK INVOLVING ANY UTILITY COMPANY SERVICE LINES, METERS, ETC., SHALL BE IN ACCORDANCE WITH, AND APPROVAL OF THAT UTILITY PROVIDER.
- ANY MALL AND/OR ADJACENT TENANT MECHANICAL DUCTS, CONTROLS, OR PIPING WHICH RUNS THROUGH, ABOVE, OR BELOW THIS PROJECT SPACE SHALL REMAIN ACTIVE. IF AFFECTED BY DEMOLITION, REROUTE AND CONTINUE ANY DUCT, CONTROLS, OR PIPING SYSTEM THAT MUST BE RETAINED FOR THIS PROJECT.
- ALL ELECTRICAL CIRCUITS FOR EQUIPMENT THAT IS TO BE REMOVED SHALL BE DISCONNECTED AT SOURCE AND REMOVED COMPLETE OR REUSED FOR NEW MECHANICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL SELECTED DEMOLITION ITEMS.

### DEMOLITION NOTES - ELECTRICAL

- ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ASSOCIATED CONDUIT AND WIRE IN THE AREA OF DEMOLITION. CIRCUITS TO EXISTING FIXTURES THAT ARE NOTED TO REMAIN SHALL BE MAINTAINED AND ALL WORK ASSOCIATED WITH MAINTAINING THE ELECTRICAL CONTINUITY OF THESE CIRCUITS SHALL BE PERFORMED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL VERIFY IF EXISTING CONDUIT CAN BE REUSED FOR NEW CONSTRUCTION BY CONTACTING ARCHITECT OR CONSTRUCTION MANAGER PRIOR TO DEMOLITION PHASE.
- THE ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT, DEVICES AND WIRING IN EXISTING WALLS AND CEILINGS THAT ARE TO BE DEMOLISHED. THE ELECTRICAL CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO MAINTAIN THE ELECTRICAL CONTINUITY OF ALL EXISTING CIRCUITS THAT ARE TO REMAIN IN USE BUT ARE AFFECTED BY DEMOLITION.
- NOT ALL ELECTRICAL FIXTURES, EQUIPMENT AND DEVICES THAT ARE TO BE DISCONNECTED AND REMOVED ARE SHOWN ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND INCLUDE IN HIS BID ALL DEMOLITION OF ELECTRICAL WORK THAT IS REQUIRED FOR NEW CONSTRUCTION.
- DISPOSAL OF ALL EQUIPMENT SHALL CONFORM TO ALL ENVIRONMENTAL PROTECTION AGENCY REQUIREMENTS.
- ANY MALL AND/OR ADJACENT TENANT ELECTRICAL OR TELEPHONE CONDUITS OR WIRING WHICH RUNS THROUGH, ABOVE, OR BELOW THIS PROJECT SPACE SHALL REMAIN ACTIVE. IF AFFECTED BY DEMOLITION, REROUTE AND CONTINUE ANY ELECTRICAL SYSTEM THAT MUST BE RETAINED FOR THOSE ADJACENT AREAS.
- ELECTRICAL CONTRACTOR SHALL DETERMINE CIRCUIT NUMBER OF ALL EXISTING DEVICES, FIXTURES, ETC. SHOWN ON THESE DRAWINGS AND FURNISH THE OWNER WITH A FULL SET OF AS-BUILT DRAWINGS INDICATING THE CIRCUIT NUMBERS.
- ANY DEMOLITION WORK INVOLVING ANY UTILITY COMPANY SERVICE, TRANSFORMER, TROUGH, DMARC, METER, ETC., SHALL BE IN ACCORDANCE WITH, AND APPROVAL OF THAT UTILITY PROVIDER.
- REFER TO ELECTRICAL DRAWING FOR ADDITIONAL SELECTED DEMOLITION ITEMS.

### DEMOLITION NOTES - PLUMBING

- THE PLUMBING CONTRACTOR SHALL DISCONNECT AND REMOVE ALL FIXTURES, SUPPLY AND WASTE PIPING IN EXISTING WALLS AND FLOORS THAT ARE TO BE DEMOLISHED. THE PLUMBING CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO MAINTAIN THE CONTINUITY OF ALL EXISTING PIPING THAT IS TO REMAIN IN USE BUT IS AFFECTED BY DEMOLITION.
- NOT ALL PLUMBING FIXTURES, EQUIPMENT AND DEVICES THAT ARE TO BE DISCONNECTED AND REMOVED ARE SHOWN ON THE DRAWINGS. THE PLUMBING CONTRACTOR SHALL VISIT THE SITE AND INCLUDE IN HIS BID ALL DEMOLITION OF PLUMBING WORK THAT IS REQUIRED FOR NEW CONSTRUCTION.
- DISPOSAL OF ALL EQUIPMENT SHALL CONFORM TO ALL ENVIRONMENTAL PROTECTION AGENCY REQUIREMENTS.
- ANY MALL AND/OR ADJACENT TENANT PLUMBING PIPING WHICH RUNS THROUGH, ABOVE OR BELOW THIS PROJECT SPACE SHALL REMAIN ACTIVE. IF AFFECTED BY DEMOLITION, REROUTE AND CONTINUE ANY PIPING SYSTEM THAT MUST BE RETAINED FOR THIS PROJECT.
- ALL EXISTING VENT PIPING IS TO BE REMOVED, EXCEPT FOR ANY VENTS THRU ROOF THAT MAY BE REUSED. PATCH ROOFS ACCORDINGLY AT ALL REMOVED VENTS. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- ALL EXISTING SANITARY LINES BELOW FLOOR ARE TO REMAIN UNLESS NOTED OTHERWISE.
- REFER TO PLUMBING DRAWINGS FOR ADDITIONAL SELECTED DEMOLITION ITEMS.
- EXISTING WATER SERVICES TO BE REMOVED AS INDICATED. REMOVE ALL WATER LINES IN SPACE ASSOCIATED WITH REMOVED WATER SERVICES.
- ANY DEMOLITION WORK INVOLVING ANY UTILITY COMPANY SERVICE LINES, METERS, ETC., SHALL BE IN ACCORDANCE WITH, AND APPROVAL OF THAT UTILITY PROVIDER.
- ALL EXISTING STORM DRAINAGE LINES ABOVE CEILING ARE TO REMAIN.
- ALL GAS, WATER AND DRAIN LINES SUPPLYING EQUIPMENT THAT IS TO BE REMOVED SHALL BE DISCONNECTED, REMOVED AND CAPPED BELOW FLOOR OR REMOVED COMPLETE AT ANY ROOFTOP EQUIPMENT.

### GENERAL DEMOLITION NOTES:

- REMOVE ALL ITEMS AS INDICATED ON DRAWINGS. ADDITIONAL DEMOLITION MAY ALSO BE INDICATED ON ARCHITECTURAL AND ENGINEERING DRAWINGS.
- GENERAL CONTRACTOR SHALL VISIT THE PROJECT SITE AND BE FAMILIAR WITH ALL ASPECTS OF THE EXISTING BUILDING AND DEMOLITION WORK REQUIRED PRIOR TO BIDDING. CONTRACTOR SHALL NOTIFY ARCHITECT AND CONSTRUCTION MANAGER IF THERE ARE FOUND TO BE ANY DISCREPANCIES WITH THESE DRAWINGS.
- GENERAL CONTRACTOR AND ALL SUBCONTRACTORS TO REVIEW EXISTING OR PREVIOUS MALL AND TENANT DRAWINGS AT THE TIME OF BIDDING. NOTE THESE DRAWINGS ARE NOT "AS BUILT" AND A FIELD VISIT IS REQUIRED.
- CARE SHALL BE TAKEN DURING DEMOLITION SO AS NOT TO DAMAGE OR ALTER ANY EXISTING STRUCTURAL OR BUILDING MEMBERS THAT ARE TO REMAIN. THE ARCHITECT AND CONSTRUCTION MANAGER SHALL BE NOTIFIED IMMEDIATELY IF ANY DAMAGE OCCURS OR IS DISCLOSED DURING DEMOLITION.
- IN ALL WALLS THAT ARE REMOVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING AT SOURCE AND REMOVING / OR CAPPING ANY ELECTRICAL, PLUMBING, GAS LINES AND MECHANICAL DUCTWORK THAT IS DISCLOSED AND NOT SCHEDULED FOR REUSE. REROUTE AND CONTINUE ANY SYSTEM THAT MUST BE RETAINED FOR ADJACENT BUILDING AREAS THAT ARE NOT IN THIS CONTRACT.
- GENERAL CONTRACTOR IS TO CO-ORDINATE ALL DEMOLITION OF EXISTING FLOORS, WALLS AND CEILINGS (THAT ARE TO REMAIN) WHERE NEW ELECTRICAL, MECHANICAL, OR PLUMBING DEVICES ARE TO BE INSTALLED. THIS SHALL INCLUDE THE REMOVAL OF ALL ITEMS NECESSARY TO INSTALL DEVICE, COMPLETE, ALONG WITH THE PATCHING BACK OF THE AFFECTED FLOOR, WALL, OR CEILING SURFACE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING FROM THE SITE, ALL RUBBLE AND DEBRIS CAUSED BY DEMOLITION, AND DISPOSING OF IT IN A PROPER MANNER IN ACCORDANCE WITH ALL LOCAL AND FEDERAL DISPOSAL REQUIREMENTS.
- ANY PENETRATIONS THRU ROOF NOT BEING REUSED SHALL BE PROPERLY PATCHED TO MATCH EXISTING METAL DECK, INSULATION AND ROOF MEMBRANE.
- PROVIDE TEMPORARY SHORING AND MAINTAIN SHORING, BRACING, OR STRUCTURAL SUPPORT TO PRESERVE STABILITY AND PREVENT UNEXPECTED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED. STRENGTHEN OR ADD NEW SUPPORTS WHEN REQUIRED DURING PROGRESS OF DEMOLITION.
- GENERAL CONTRACTOR TO ERECT TEMPORARY PROTECTION, SUCH AS WALKS, FENCES, RAILINGS, CANOPIES, AND COVERED PASSAGEWAYS, WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION, AND AS INDICATED.
  - ALL INTERIOR OPENINGS TO BE PROTECTED WITH DUST-PROOF PARTITIONS FOR PROTECTION AGAINST DEBRIS CONTAMINATING ADJACENT SPACES OR TENANTS.
  - ALL EXTERIOR OPENINGS TO BE PROTECTED WITH WATERPROOF ENCLOSURE TO PROTECT INTERIOR OF BUILDING FROM WEATHER ELEMENTS.
  - PROTECT ADJACENT FACILITIES FROM DAMAGE DUE TO DEMOLITION ACTIVITIES.
  - PROTECT EXISTING SITE IMPROVEMENTS, APPURTENANCES, AND LANDSCAPING, THAT IS SCHEDULED TO REMAIN.
  - PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
  - PROVIDE PROTECTION TO ENSURE SAFE PASSAGE OF PEOPLE AROUND BUILDING DEMOLITION AREA AND TO AND FROM OCCUPIED PORTIONS OF ADJACENT BUILDINGS AND STRUCTURES.
  - PROTECT WALLS, ROOFS, AND OTHER ADJACENT EXTERIOR CONSTRUCTION THAT ARE TO REMAIN AND THAT ARE EXPOSED TO BUILDING DEMOLITION OPERATIONS.
- GENERAL CONTRACTOR IS TO COORDINATE AND MOVE ALL ITEMS INDICATED AS SALVAGE TO LOCATION ON MALL PROPERTY AS DIRECTED BY PROPERTY MANAGER.
- THE GENERAL CONTRACTOR IS TO MAINTAIN A MINIMUM OF 1 FOOT CANDLE OF ILLUMINATION, EMERGENCY LIGHTING AND EXIT LIGHTING AT EXIT DOORS IN THE WORK AREA DURING CONSTRUCTION, PER APPLICABLE CODES. THE WORK AREA WILL BE AN OPEN AREA, SO EXITS WILL BE READILY VISIBLE.

### FLOOR DEMOLITION NOTES

- GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL FLOOR PATCHING (IF ANY) REQUIRED BY PLUMBING AND ELECTRICAL CONTRACTORS. ALL CONCRETE PATCHES ARE TO PROVIDE A SMOOTH AND LEVEL (± 1/4" IN 10'-0") FLOOR.
- GENERAL CONTRACTOR TO REMOVE ALL ELECTRICAL FLOOR DEVICES AS INDICATED AND PATCH FLOOR AS REQUIRED.
- PROVIDE TEMPORARY SHORING AND MAINTAIN SHORING, BRACING, OR STRUCTURAL SUPPORT TO PRESERVE STABILITY AND PREVENT UNEXPECTED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED. STRENGTHEN OR ADD NEW SUPPORTS WHEN REQUIRED DURING PROGRESS OF DEMOLITION.

### CEILING DEMOLITION NOTES

- IN ALL CEILINGS THAT ARE REMOVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING AT SOURCE AND REMOVING OR CAPPING ANY ELECTRICAL, PLUMBING, GAS LINES AND MECHANICAL DUCTWORK THAT IS DISCLOSED AND NOT SCHEDULED FOR REUSE. REROUTE AND CONTINUE ANY SYSTEM THAT MUST BE RETAINED FOR ADJACENT BUILDING AREAS THAT ARE NOT IN THIS CONTRACT.
- EXISTING FIRE PROTECTIONS SYSTEM IS TO REMAIN INTACT AND OPERATIONAL. REFER TO FIRE PROTECTION AND ARCHITECTURAL DRAWINGS FOR EXTENT OF REQUIRED MODIFICATIONS TO THE EXISTING SYSTEM.

### DEMOLITION NOTES - FIRE SPRINKLER

- EXISTING FIRE SPRINKLER SYSTEM IS TO REMAIN INTACT AND OPERATIONAL.
- EXISTING ZONED SPRINKLER AREAS TO REMAIN AS IS.
- EXISTING SPRINKLER SYSTEM WITHIN NEW TENANT SPACE IS TO BE MODIFIED BY TENANTS CERTIFIED SPRINKLER CONTRACTOR TO NEW LAYOUT OF THIS TENANT SPACE AT A LATER DATE. REFER TO FIRE PROTECTION DRAWING FOR ADDITIONAL INFORMATION AND DETAIL.
- ANY MALL AND/OR TENANT FIRE SPRINKLER PIPING WHICH RUNS THROUGH THIS PROJECT SPACE SHALL REMAIN ACTIVE. IF AFFECTED BY DEMOLITION, REROUTE AND CONTINUE ANY PIPING SYSTEM THAT MUST BE RETAINED FOR THIS PROJECT.
- REFER TO FIRE PROTECTION DRAWINGS FOR ADDITIONAL SELECTED DEMOLITION ITEMS.

### LEGEND TO DEMOLITION PLANS

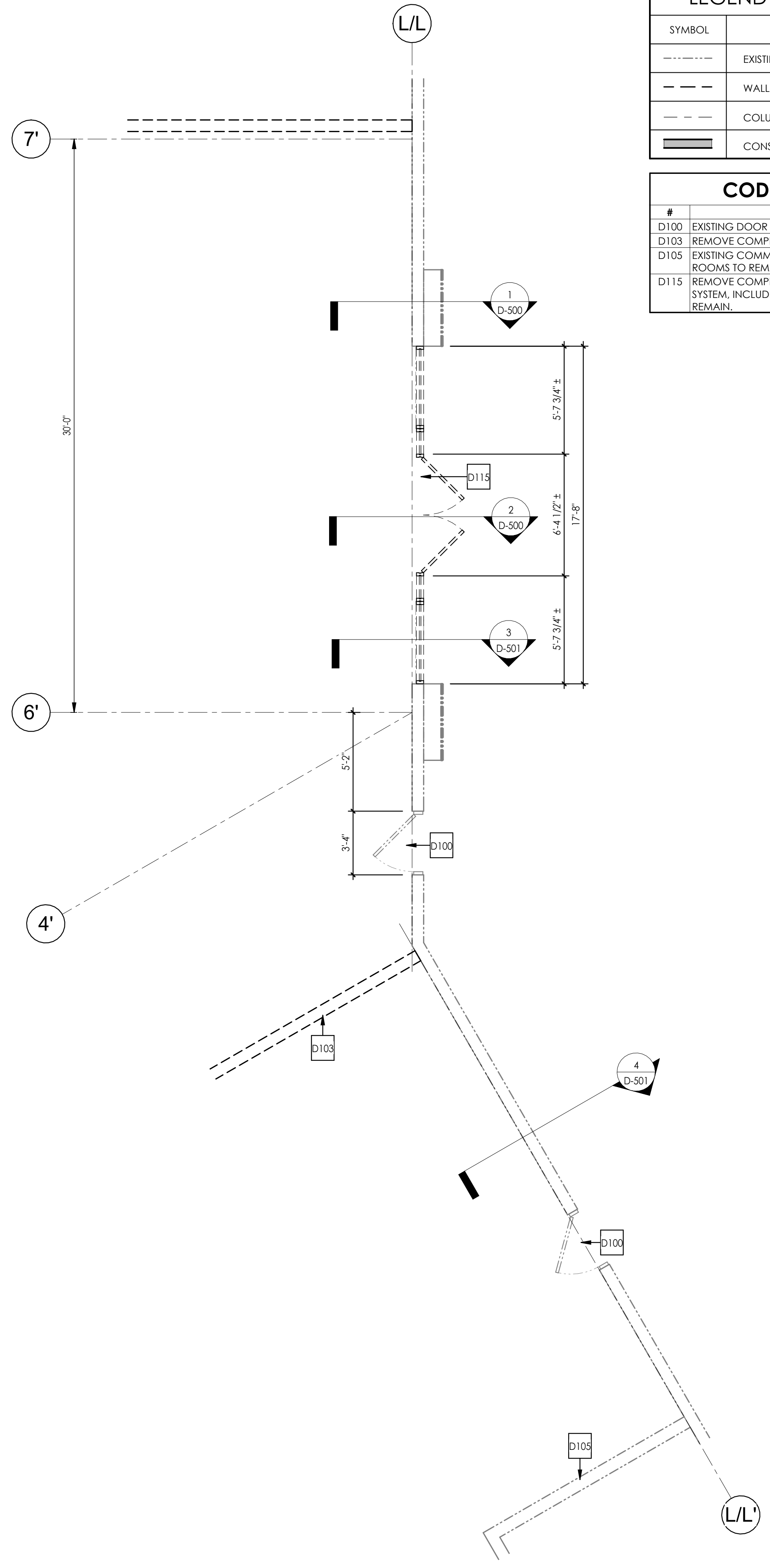
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - - -	WALL, PARTITION, OR ITEM TO BE REMOVED
- - - -	COLUMN CENTERLINE
█	CONSTRUCTION BARRICADE

### CODED NOTES THIS SHEET

#	DESCRIPTION
D100	EXISTING DOOR AND FRAME TO REMAIN.
D103	REMOVE COMPLETE EXISTING TENANT DEMISING WALL.
D105	EXISTING COMMON MALL WALLS OF EXIT CORRIDORS AND UTILITY ROOMS TO REMAIN - PROTECT AS REQUIRED
D115	REMOVE COMPLETE EXISTING STOREFRONT DOOR AND GLAZING SYSTEM, INCLUDING ALL FASTENERS AND MASTICS. EXISTING 6" CURB TO REMAIN.

City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



1  
D-100  
Enlarged Floor Plan - Demolition  
SCALE: 1/4" = 1'-0"

Developer: **CAFARO** - Est. 1949  
 Commercial & Industrial Real Estate Developers  
 5577 Youngstown - Warren Road  
 Niles, Ohio 44446  
 Phone: 330-747-2661  
 Fax: 330-747-2661

Architect: **RICK PARTIKA, AIA**  
 REGISTERED ARCHITECT  
 RICHARD PARTIKA ARCHITECT  
 5577 Youngstown - Warren Road  
 Niles, Ohio 44446  
 Phone: 330-747-2661  
 Email: rp@rickpartika.com

Revision No.	Description	Date	Issued By
07-01-24	SD		

Project Information:  
**BARNES & NOBLE**  
 SOUTH HILL MALL - UNIT #800  
 PUYALLUP, WASHINGTON

Project No.: 62-800  
 Date: 7-1-24  
 Drawn By: SD  
 Checked By: RP

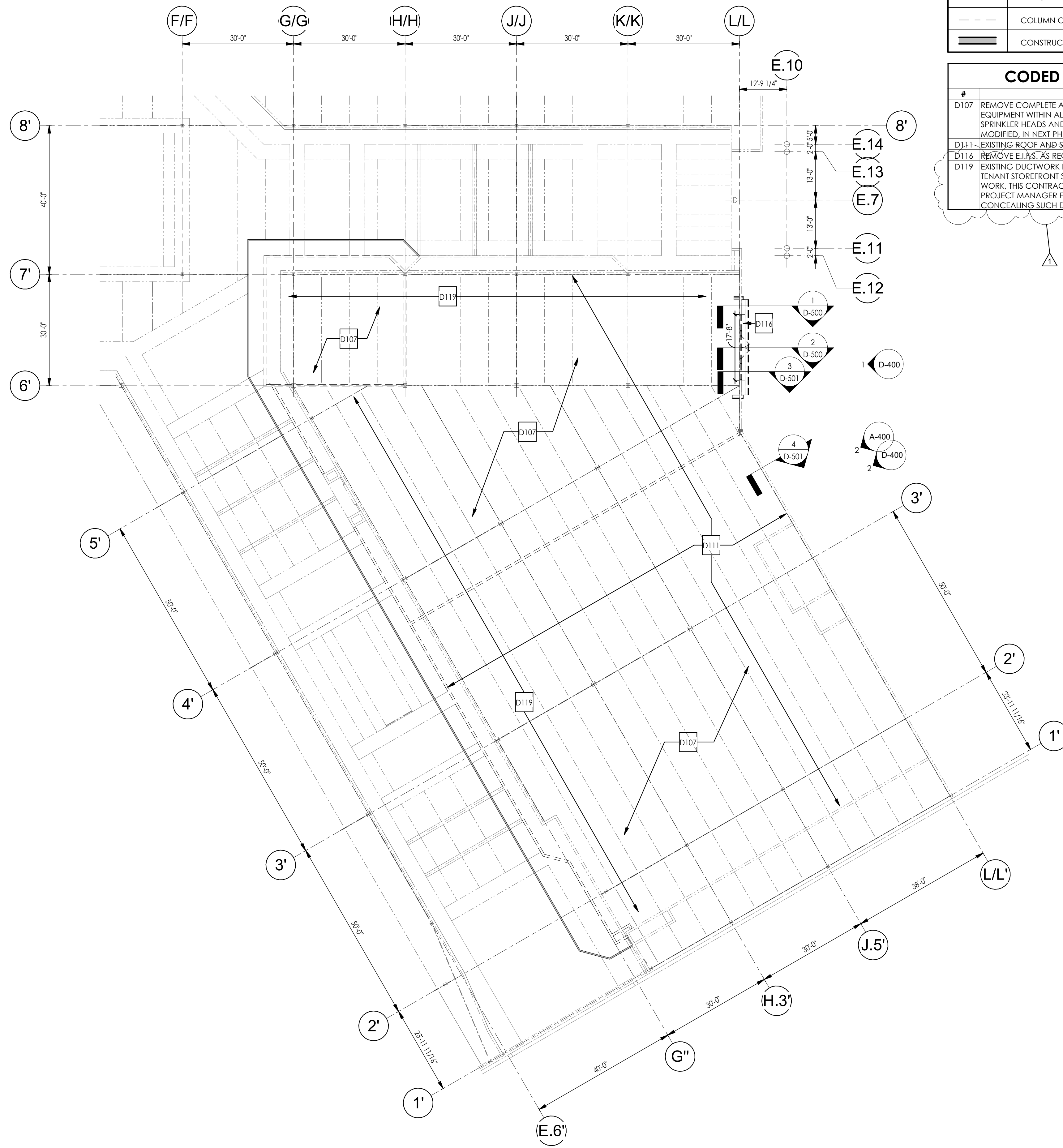
Sheet Title:  
**ENLARGED ENTRANCE PLAN - DEMOLITION AND DEMOLITION NOTES**  
**PRCT120241136**

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**D-101**



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



LEGEND TO DEMOLITION PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
- - -	COLUMN CENTERLINE
█	CONSTRUCTION BARRICADE

CODED NOTES THIS SHEET	
#	DESCRIPTION
D107	REMOVE COMPLETE ALL CEILINGS, FIXTURES, DEVICES, DUCTWORK, AND EQUIPMENT WITHIN ALL CEILING AREAS OF DEMISED PREMISES - ALL SPRINKLER HEADS AND PIPING TO REMAIN AS-IS AND IT SHALL BE MODIFIED, IN NEXT PHASE OF WORK, BY TENANT CONTRACTOR.
D111	EXISTING ROOF AND STRUCTURAL FRAMING TO REMAIN.
D116	REMOVE E.I.F.S. AS REQUIRED PER SECTION #2/D-500.
D119	EXISTING DUCTWORK FOR MALL HVAC UNIT WHICH LIES INSIDE OF TENANT STOREFRONT SHALL REMAIN AS-IS. PRIOR TO ANY DEMOLITION WORK, THIS CONTRACTOR IS TO COORDINATE WITH TENANT AND PROJECT MANAGER FOR THE SALVAGE OF ANY FRAMED SOFFIT CONCEALING SUCH DUCTWORK.

1 Ceiling Plan - Demolition  
D-200 SCALE: 1/16" = 1'-0"

9/25/2024 10:29:58 AM E:\Departments\AEC\OB\_AE\WPA\_South Hill Mall\BARNES & NOBLE BOOKSELLERS\_800\AUTO DESK\62-800 Arch.rvt

- Est. 1949 -

**CAFARO**  
Commercial & Industrial  
Real Estate Developers  
557 Youngtown - Warren Road  
Akron, Ohio 44316  
Phone: 330-447-2661

Developer:

914 REGISTERED ARCHITECT  
RICHARD PARTIKA  
STATE OF WASHINGTON

Architect:

**IRIP**  
RICK PARTIKA, AIA  
557 Youngtown - Warren Road  
Akron, Ohio 44316  
Phone: 330-447-2661  
E-Mail: rpartika@cafaro.com

Revision No.	Description	Date	Issued By	SD
1	ADDENDUM A Issued Final	07-01-24	SD	9-16-24

Project Information:

**BARNES & NOBLE**  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

Sheet Title: **CEILING PLAN - DEMOLITION**

Project No.: 62-800

Date: 9-25-24

Drawn By: SD

Checked By: RP

PRCT120241136

**D-200**

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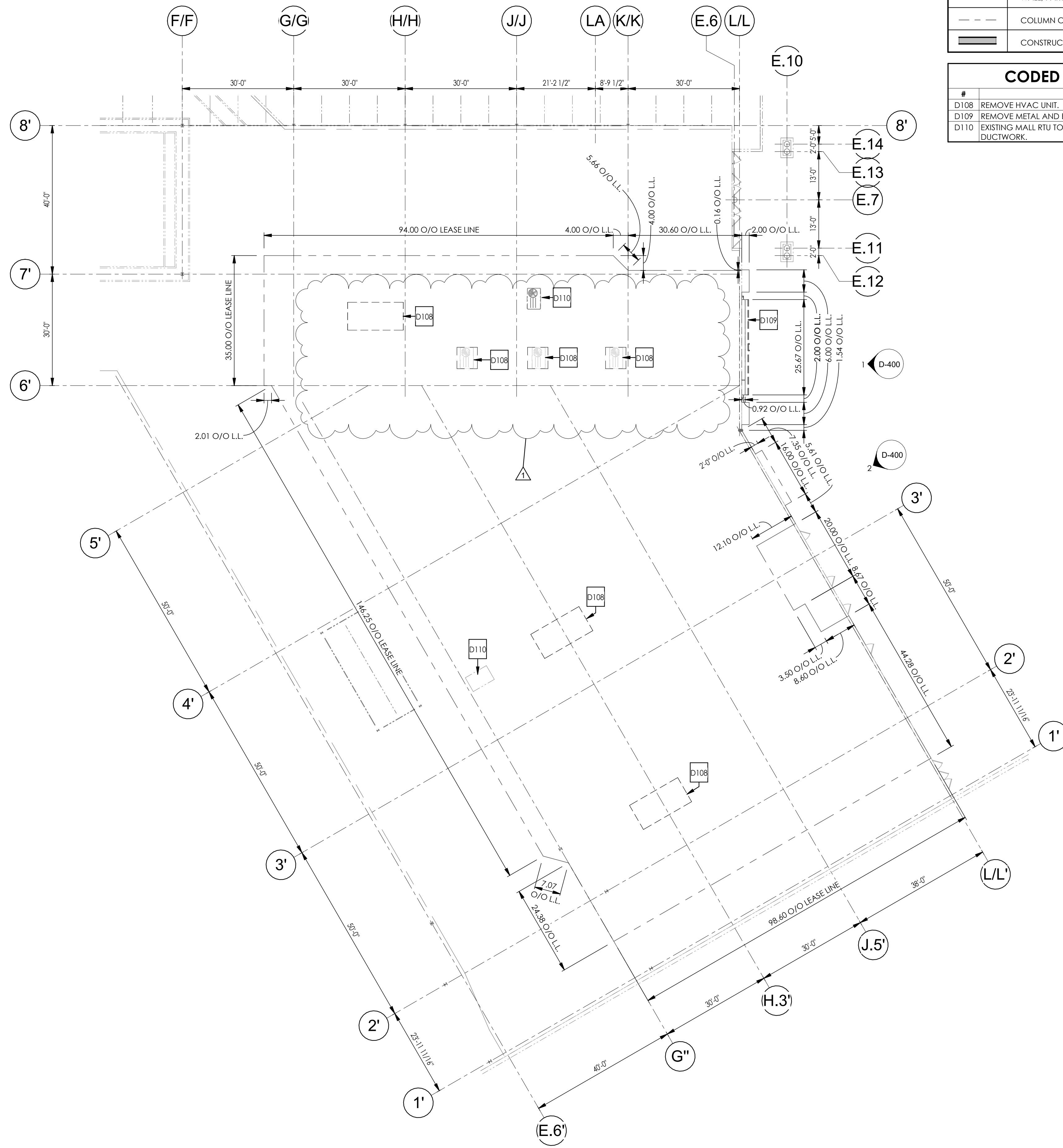


City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND TO DEMOLITION PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - - -	WALL, PARTITION, OR ITEM TO BE REMOVED
- - - -	COLUMN CENTERLINE
▬	CONSTRUCTION BARRICADE

CODED NOTES THIS SHEET	
#	DESCRIPTION
D108	REMOVE HVAC UNIT.
D109	REMOVE METAL AND EIFS CORNICE.
D110	EXISTING MALL RTU TO REMAIN, INCLUDING ALL CORRESPONDING DUCTWORK.



1 Roof Plan - Demolition  
D-300 SCALE: 1/16" = 1'-0"

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Developer: - Est. 1949 -  
**CAFARO**  
Commercial & Industrial Real Estate Developers  
557 Youngtown - Warren Road  
Niles, Ohio 44446  
Phone: 330-747-2661  
Fax: 330-747-2661

Architect:  
**IRIP**  
RICK PARTIKA, AIA  
557 Youngtown - Warren Road  
Niles, Ohio 44446  
Phone: 330-747-2661  
E-Mail: rpartika@cafaro.com

Revision No.	Description	Date	Issued By
1	ADDENDUM A Issued Final	07-01-24	SD
		9-16-24	SD

Project Information:  
Project No.: 62-800  
Date: 9-25-24  
Drawn By: SD  
Checked By: RP

Sheet Title: ROOF PLAN - DEMOLITION  
Project No.: **PRCT120241136**

Project Information:  
Project Name: BARNES & NOBLE  
Project Address: SOUTH HILL MALL - UNIT #800  
Location: PUYALLUP, WASHINGTON

D-300

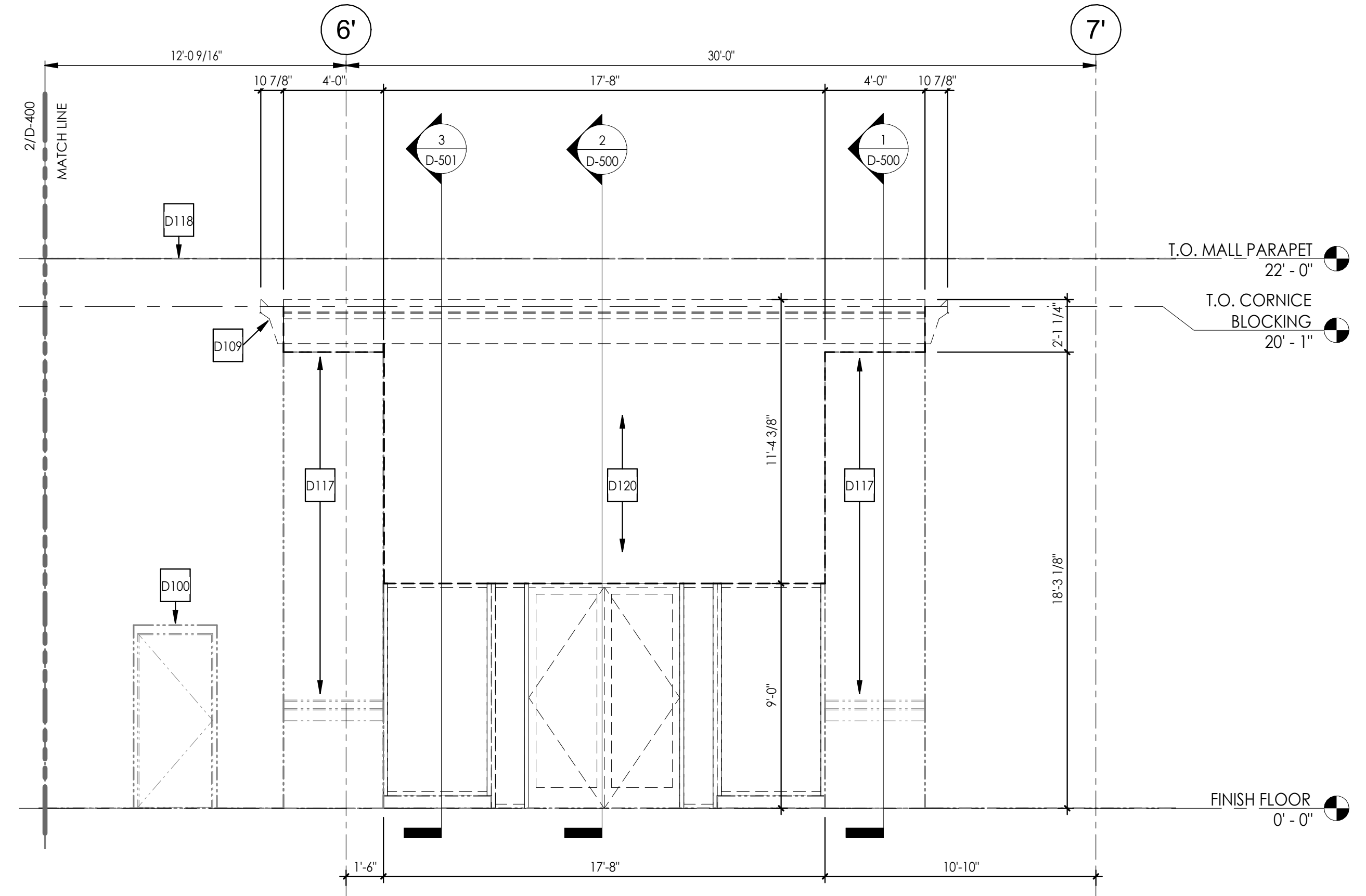
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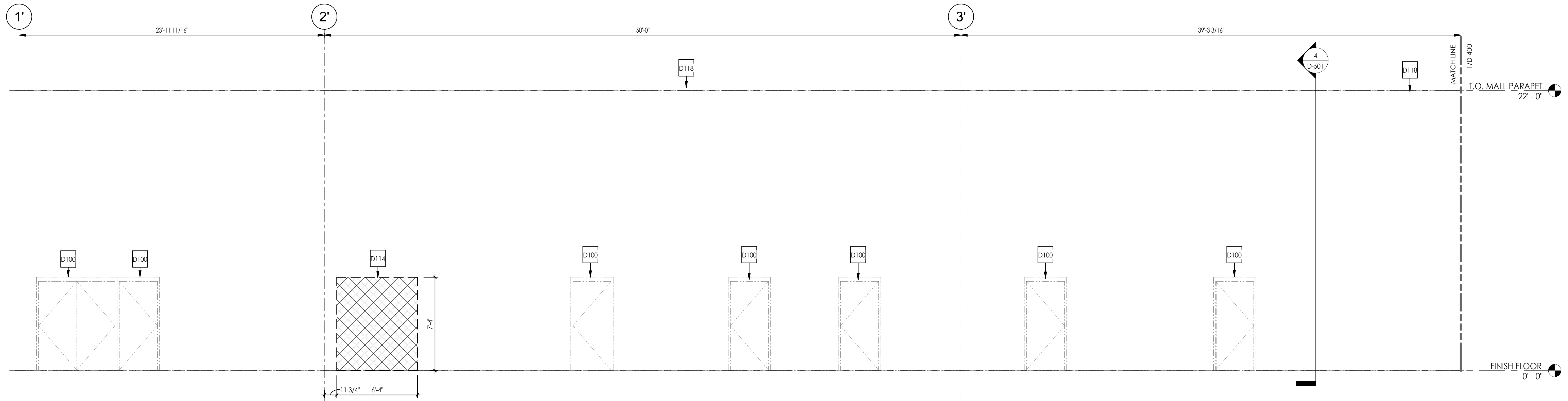
City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND TO DEMOLITION PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
- - -	COLUMN CENTERLINE
█	CONSTRUCTION BARRICADE

CODED NOTES THIS SHEET	
#	DESCRIPTION
D100	EXISTING DOOR AND FRAME TO REMAIN.
D109	REMOVE METAL AND EIFS CORNICE.
D114	REMOVE PORTION OF CONCRETE PANEL FOR NEW DOUBLE DOOR OPENING - REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
D117	EXISTING E.I.F.S. TO REMAIN.
D118	EXISTING MALL PARAPET COPING TO REMAIN.
D120	REMOVE EXISTING E.I.F.S. AS REQUIRED, AS SHOWN ON SECTION #2/D-500.



1 Exterior Elevation - Storefront - Demolition  
D-400 SCALE: 1/4" = 1'-0"



2 Exterior Elevation - Building - Demolition  
D-400 SCALE: 1/4" = 1'-0"

Developer:  
**CAFARO**  
Commercial & Industrial Real Estate Developers  
- Est. 1949 -  
5577 Youngtown - Warren Road  
Akron, Ohio 44346  
Phone: 330-447-2661

Architect:  
**RICK PARTIKA, AIA**  
RICK PARTIKA, AIA  
5577 Youngtown - Warren Road  
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E-Mail: rpartika@cafaro.com

Architect:  
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E-Mail: rpartika@cafaro.com

Revision No.	Description	Date	Issued By	SD
07-01-24	Final			

Project Information:  
EXTERIOR ELEVATIONS - DEMOLITION  
PRCT120241136

BARNES & NOBLE  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

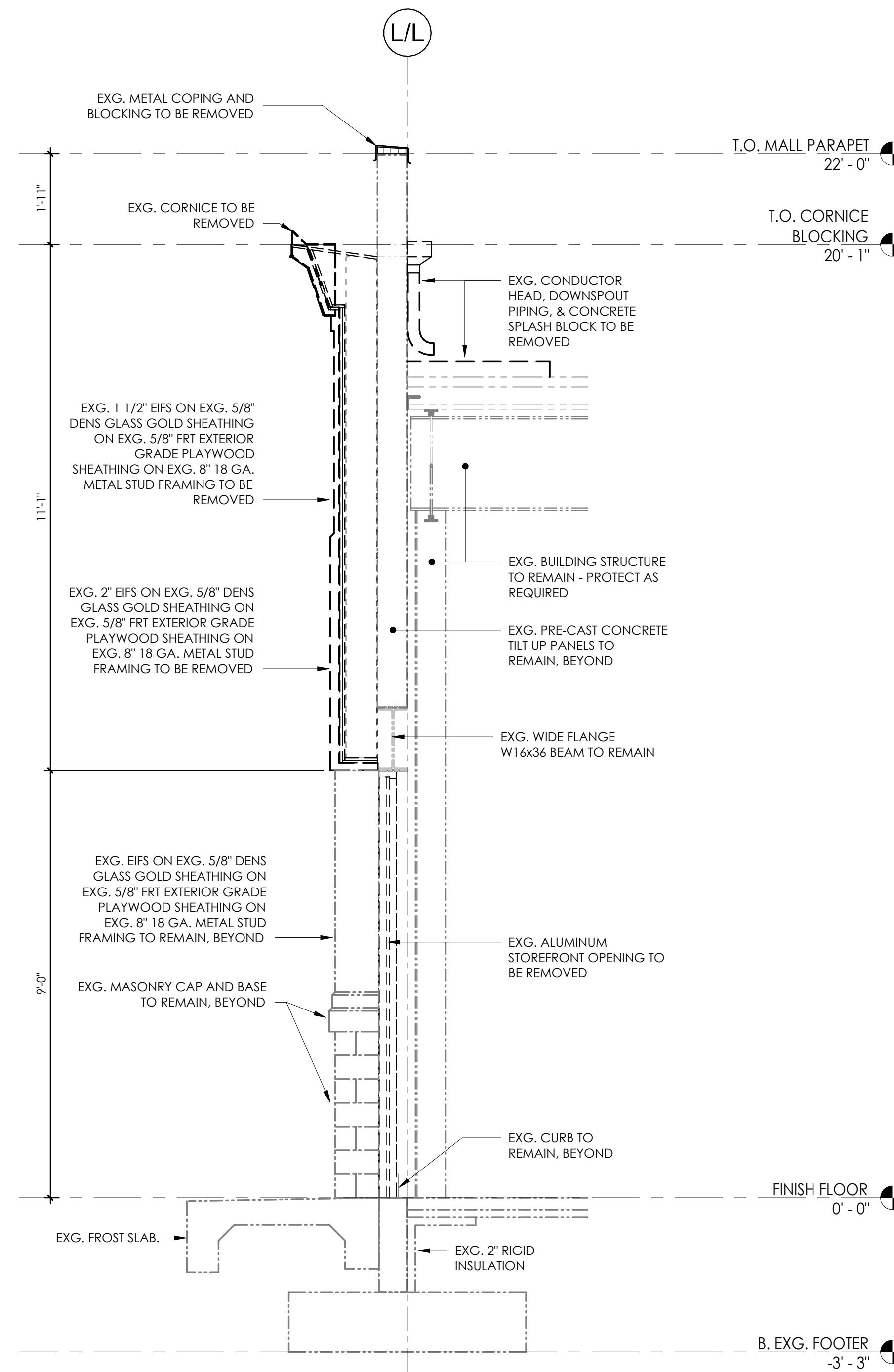
Project No.: 62-800  
Date: 7-1-24  
Drawn By: SD  
Checked By: RP

D-400

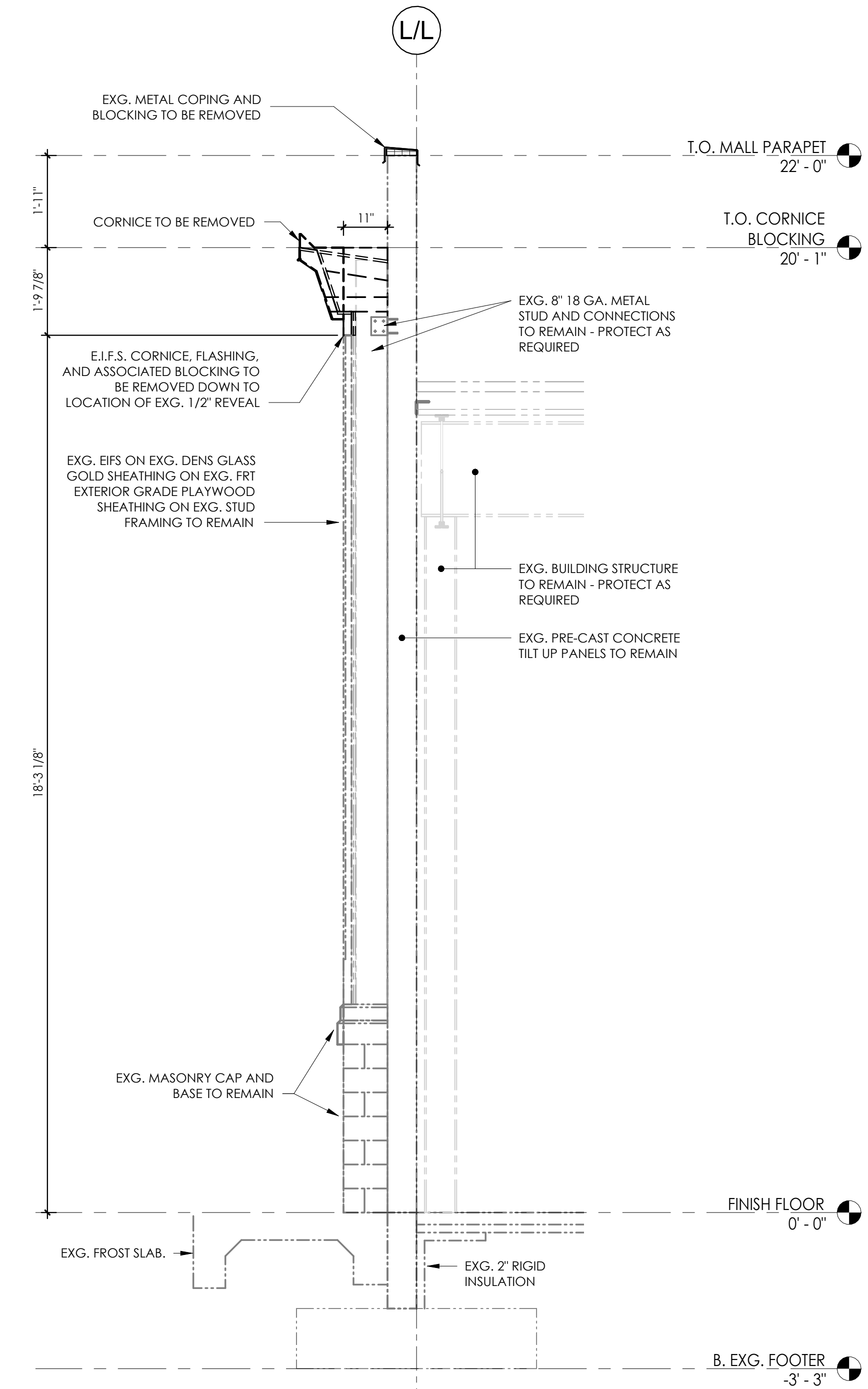


City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND TO DEMOLITION PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
- · - · -	COLUMN CENTERLINE
█	CONSTRUCTION BARRICADE



2 Demolition Section @ Storefront Entry Door  
D-500 SCALE: 1/2" = 1'-0"



1 Demolition Section @ Storefront Pier  
D-500 SCALE: 1/2" = 1'-0"

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Developer: - Est. 1949 -

Architect: RICK PARTIKA, AIA  
5577 Youngstown - Warren Road  
Niles, Ohio 44446  
Phone: 330.747.2666  
E-Mail: rp@rickpartika.com

Project Information:  
Project No.: 62-800  
Date: 7-1-24  
Drawn By: SD  
Checked By: RP

Sheet Title: DEMOLITION WALL SECTIONS

BARNES & NOBLE  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

Revision No. Description Date Issued By

07-01-24	SD
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PRCT120241136

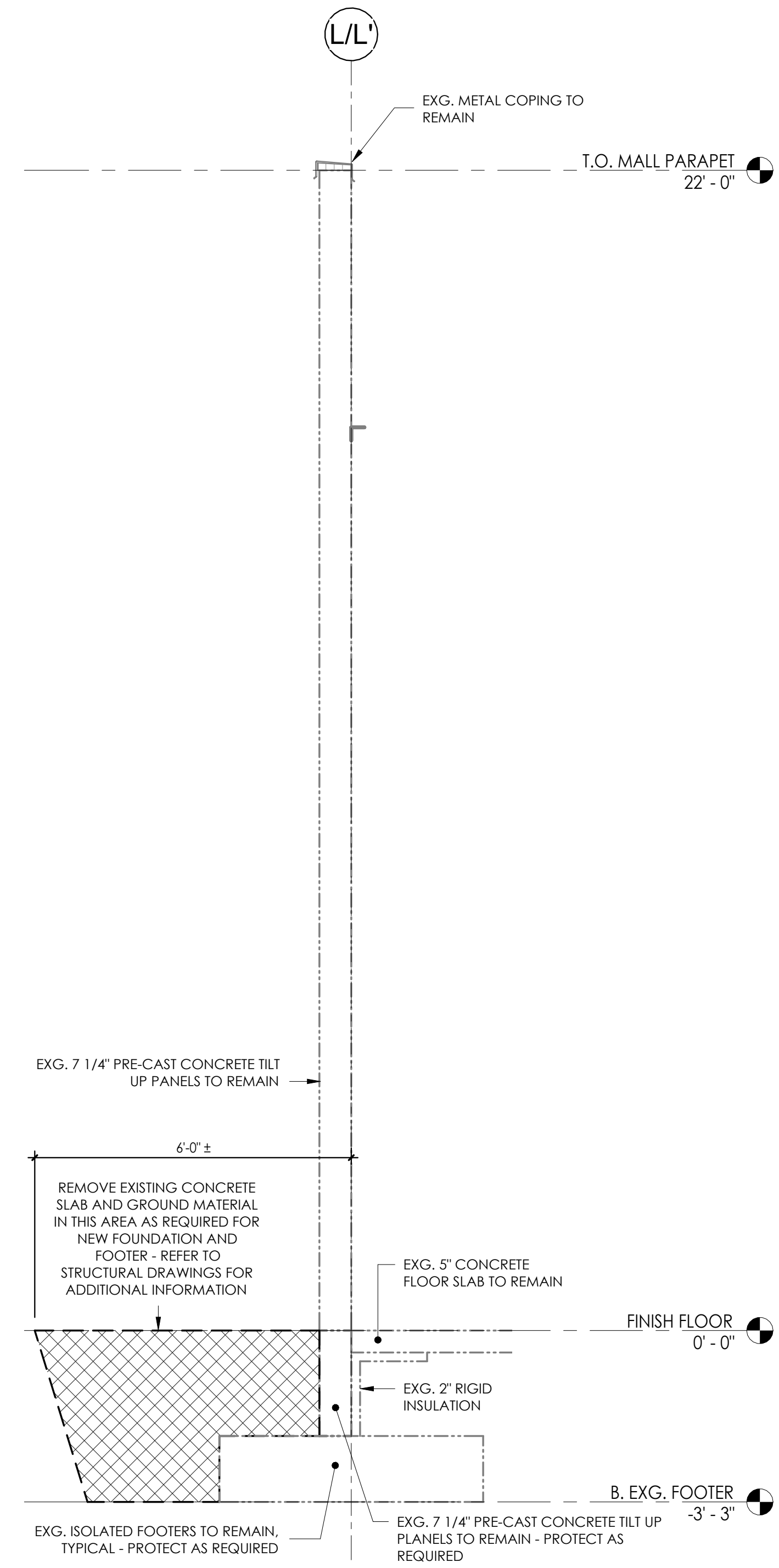
D-500

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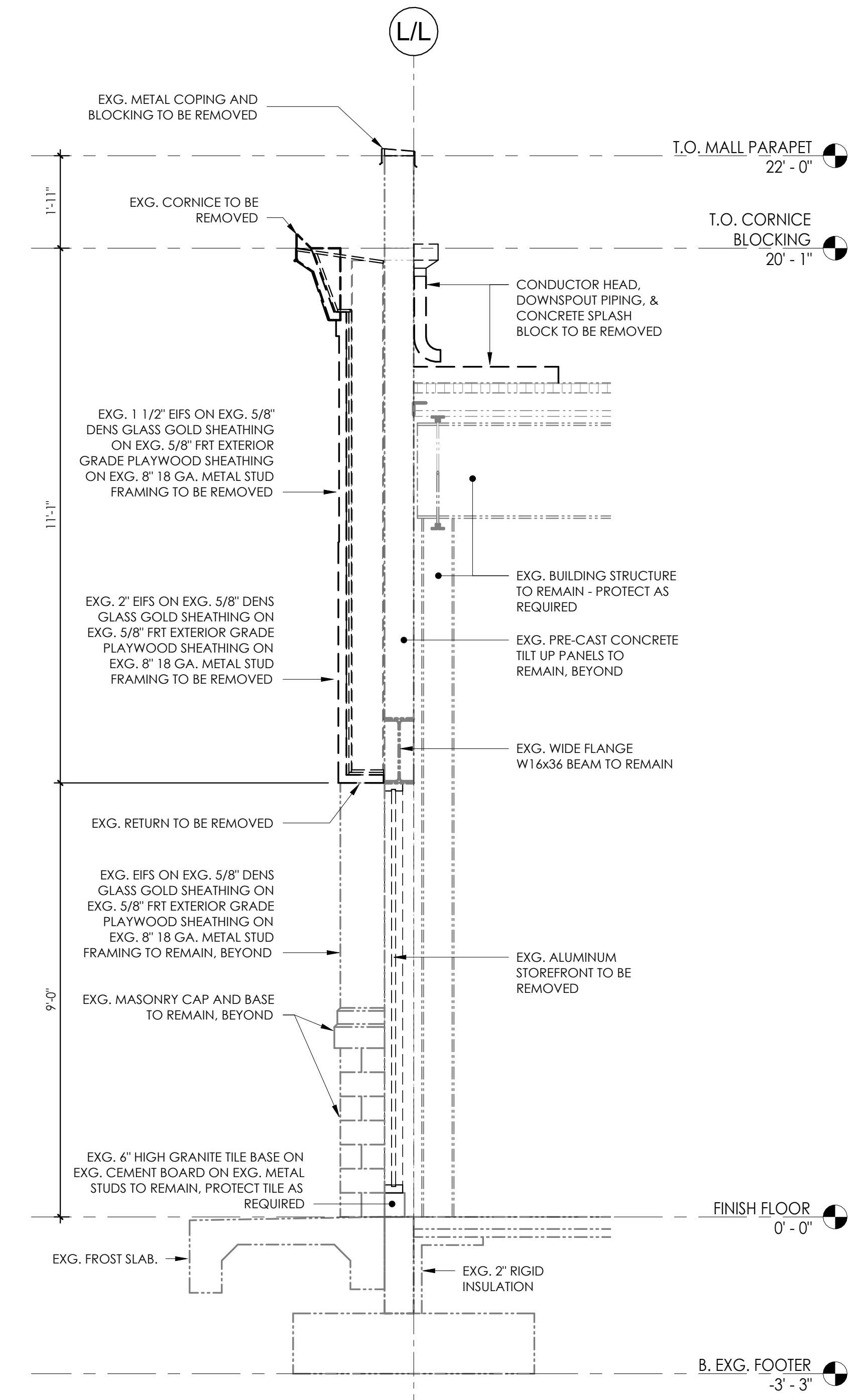


City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND TO DEMOLITION PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
- - -	WALL, PARTITION, OR ITEM TO BE REMOVED
- - -	COLUMN CENTERLINE
█	CONSTRUCTION BARRICADE



4 Demolition Section @ Exterior Displays  
D-501 SCALE: 1/2" = 1'-0"



3 Demolition Section @ Storefront Side Light  
D-501 SCALE: 1/2" = 1'-0"

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Developer:  
**CAFARO**  
Commercial & Industrial  
Real Estate Developers  
- Est. 1949 -  
5577 Youngstown - Warren Road  
Akron, Ohio 44346  
Phone: 330-472-2661

Architect:  
**RICK PARTIKA, AIA**  
5577 Youngstown - Warren Road  
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E-Mail: rpartika@cafaro.com

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Akron, Ohio 44346  
Phone: 330-472-2661  
E-Mail: rpartika@cafaro.com

Revision No.	Date	Issued By	Description
07-01-24	SD	SD	Issued Final

Project Information:  
**BARNES & NOBLE**  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

Project No.: 62-800  
Date: 7-1-24  
Drawn By: SD  
Checked By: RP

Sheet Title:  
**DEMOLITION WALL SECTIONS**  
PRCT120241136  
**D-501**

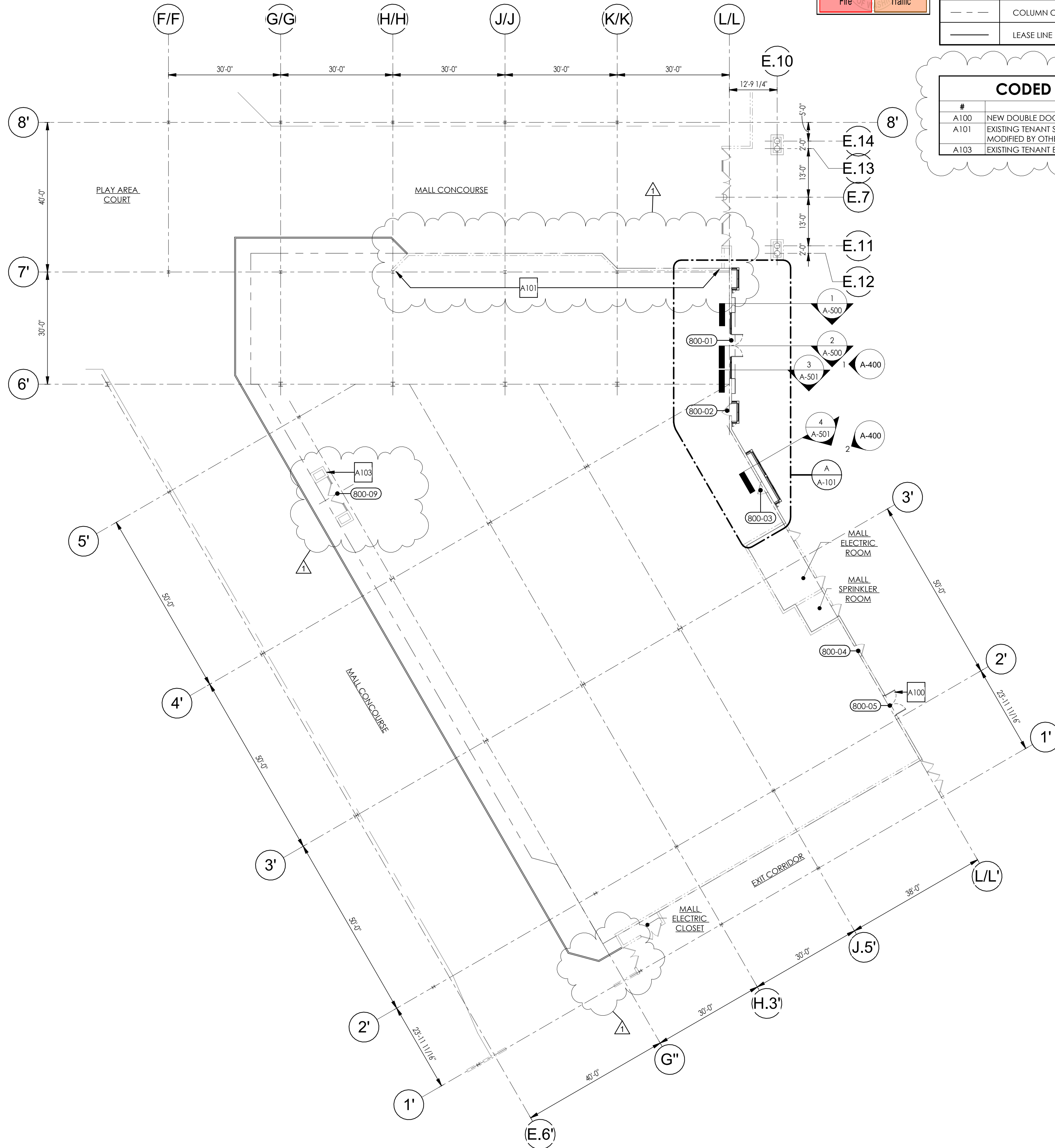
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City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND TO PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
—	NEW ITEM OR WALL
- - -	COLUMN CENTERLINE
—	LEASE LINE

CODED NOTES THIS SHEET	
#	DESCRIPTION
A100	NEW DOUBLE DOOR AND FRAME AT LOCATION OF NEW OPENING
A101	EXISTING TENANT STOREFRONT AND ASSOCIATE FINISHES TO BE MODIFIED BY OTHERS.
A103	EXISTING TENANT ENTRY TO BE MODIFIED BY OTHERS.

1 Floor Plan  
A-100 SCALE: 1/16" = 1'-0"

Developer: **CAFARO** - Est. 1949 -  
5577 Youngstown - Warren Road  
Puyallup, WA 98446  
Phone: 360-447-2661

Architect: **RIP**  
**RICK PARTIKA, AIA**  
5577 Youngstown - Warren Road  
Puyallup, WA 98446  
Phone: 360-447-2661  
E-mail: rip@riparchitect.com

Revision No.	Description	Date	Issued By	Final
1	ADDENDUM A	9-16-24	SD	
	Issued Final	07-01-24	SD	

Project Information:  
Project No.: 62-800  
Date: 9-25-24  
Drawn By: SD  
Checked By: RP

Sheet Title: **FLOOR PLAN**  
Project No.: **PRCT120241136**

Project Name: **BARNES & NOBLE**  
**SOUTH HILL MALL - UNIT #800**  
PUYALLUP, WASHINGTON

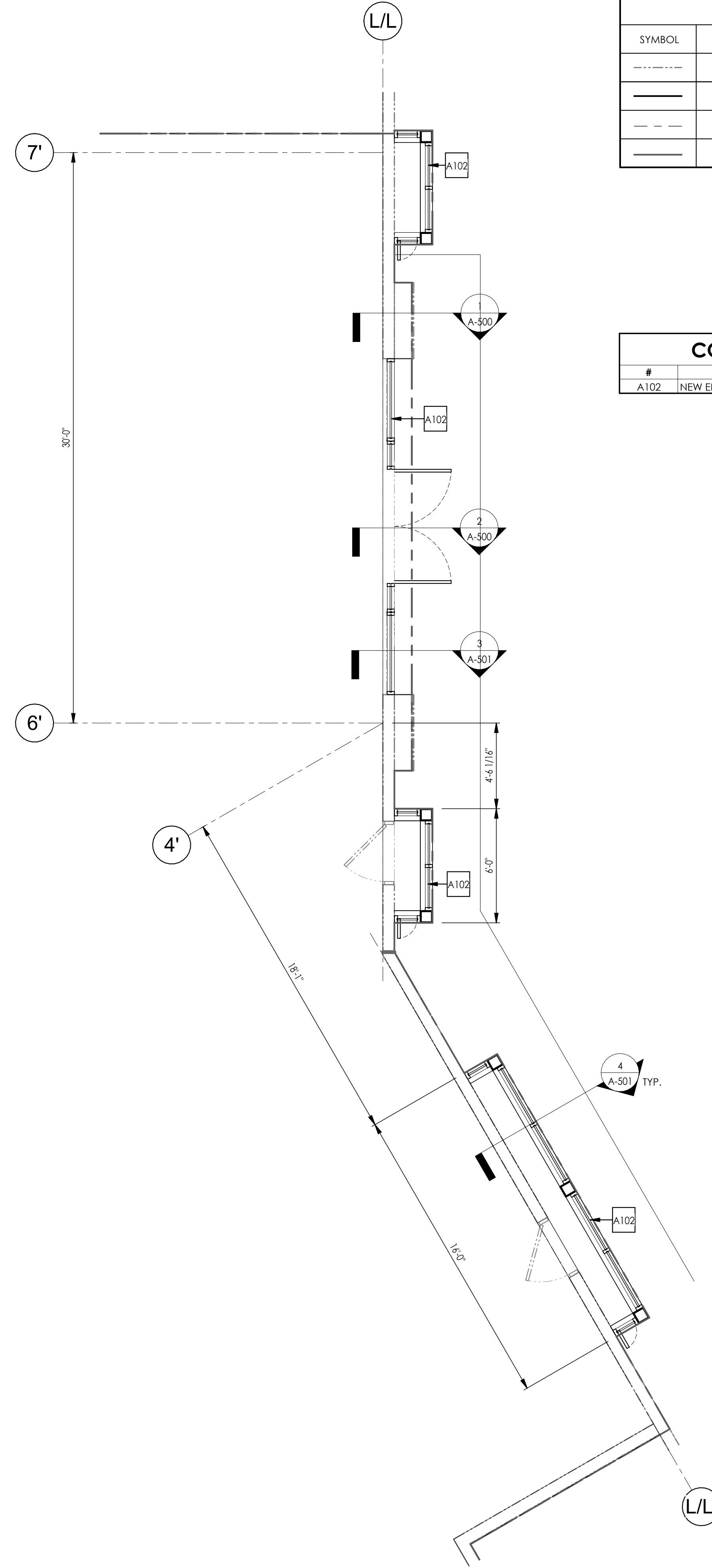
**A-100**

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



LEGEND TO PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
—	NEW ITEM OR WALL
- - -	COLUMN CENTERLINE
---	LEASE LINE

CODED NOTES THIS SHEET	
#	DESCRIPTION
A102	NEW ENGINEERED KAWNEER STOREFRONT SYSTEM

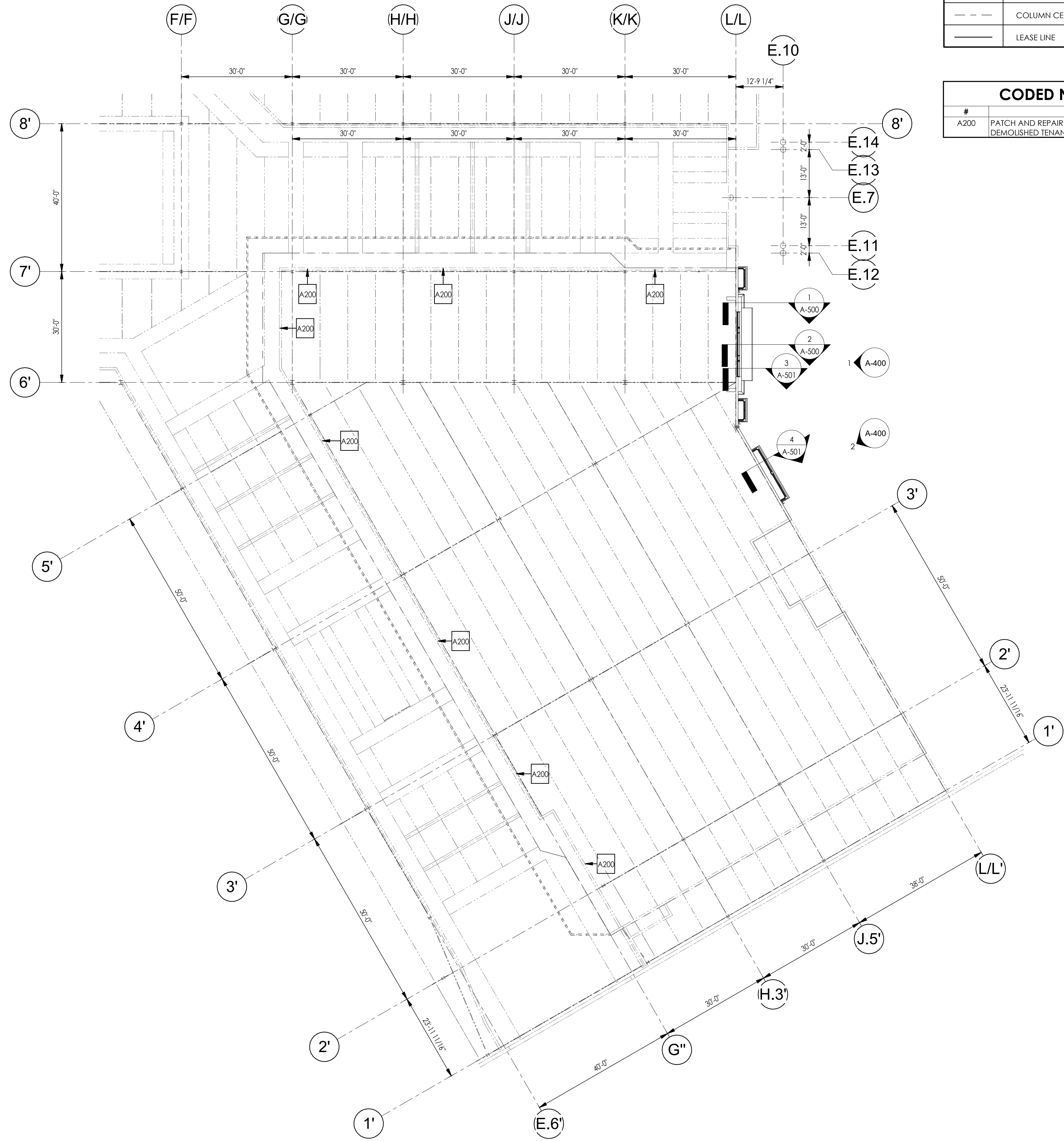
**Enlarged Floor Plan - Storefront**  
SCALE: 1/4" = 1'-0"

<b>CAFARO</b> - Est. 1949 - Commercial & Industrial Real Estate Developers 5577 Youngstown - Warren Road Niles, Ohio 44446 Phone: 330-747-2661	
Developer:	814 REGISTERED ARCHITECT <b>RICHARD PARTIKA</b> STATE OF WASHINGTON
Architect:	<b>IRIP</b> <b>RICK PARTIKA, AIA</b> 5577 Youngstown - Warren Road Niles, Ohio 44446 Phone: 330-747-2661 E-MAIL: rp@ireadecafarocompany.com
Project Information:	ENLARGED FLOOR PLAN - STOREFRONT <b>PRCT120241136</b>
Project No.:	62-800
Date:	7-1-24
Drawn By:	SD
Checked By:	RP
<b>BARNES &amp; NOBLE</b> <b>SOUTH HILL MALL - UNIT #800</b> PUYALLUP, WASHINGTON	
<b>A-101</b>	

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



LEGEND TO PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
—	NEW ITEM OR WALL
---	COLUMN CENTERLINE
---	LEASE LINE

CODED NOTES THIS SHEET	
#	DESCRIPTION
A200	PATCH AND REPAIR MULL BULKHEAD AS REQUIRED AT AREAS OF DEMOLISHED TENANT STOREFRONTS.

1 Ceiling Plan  
A-400 SCALE: 1/16" = 1'-0"

7/10/2024 10:45:32 AM E:\Departments\AEC\OB\_AE\WPA\_South Hill Mall\BARNES & NOBLE BOOKSELLERS\_800\AUTO\_DESK\_62-800 Arch.rvt

Developer: **CAFARO** - Est. 1949 -  
Commercial & Industrial Real Estate Developers  
5577 Youngstown - Warren Road  
Niles, Ohio 44446  
Phone: 330-747-2661

Architect: **RIP**  
**RICK PARTIKA, AIA**  
5577 Youngstown - Warren Road  
Niles, Ohio 44446  
Phone: 330-747-2661  
E-Mail: rip@ripandcompany.com

Revision No.	Description	Date	Issued By	SD
07-01-24	Issued Final			

Project Information:  
Project No.: 62-800  
Date: 7-1-24  
Drawn By: SD  
Checked By: RP

Sheet Title:  
CEILING PLAN AND ENLARGED  
CEILING PLAN - STOREFRONT  
PRCT120241136

Project Information:  
BARNES & NOBLE  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

A-200

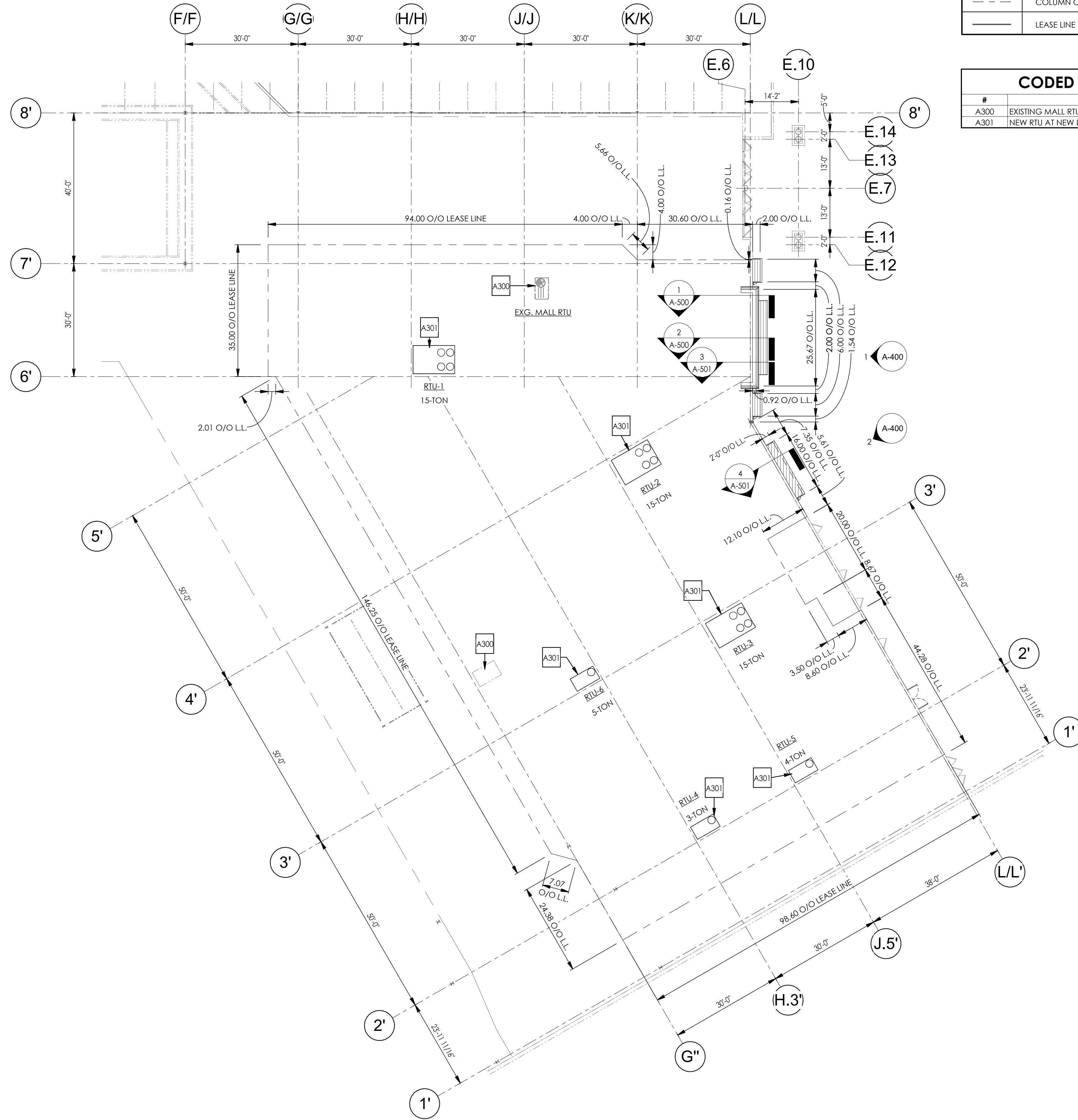
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City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND TO PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
—	NEW ITEM OR WALL
- - -	COLUMN CENTERLINE
—	LEASE LINE

CODED NOTES THIS SHEET	
#	DESCRIPTION
A300	EXISTING MALL RTU TO REMAIN.
A301	NEW RTU AT NEW LOCATION.



1 Roof Plan  
A-300 SCALE: 1/16" = 1'-0"

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Project Information:  
 Project No.: 62-800  
 Date: 7-1-24  
 Drawn By: SD  
 Checked By: RP

Sheet Title: **ROOF PLAN**  
**PRCT120241136**

BARNES & NOBLE  
 SOUTH HILL MALL - UNIT #800  
 PUYALLUP, WASHINGTON

Architect:  
**IRIP**  
 RICK PARTIKA, AIA  
 5577 Youngstown - Warren Road  
 Niles, Ohio 44446  
 Phone: 330.747.2666  
 E-Mail: rpartika@carofarocompany.com

Developer:  
**CAFARO**  
 Commercial & Industrial  
 Real Estate Developers  
 5577 Youngstown - Warren Road  
 Niles, Ohio 44446  
 Phone: 330.747.2666

Registered Architect:  
 RICHARD PARTIKA  
 STATE OF WASHINGTON

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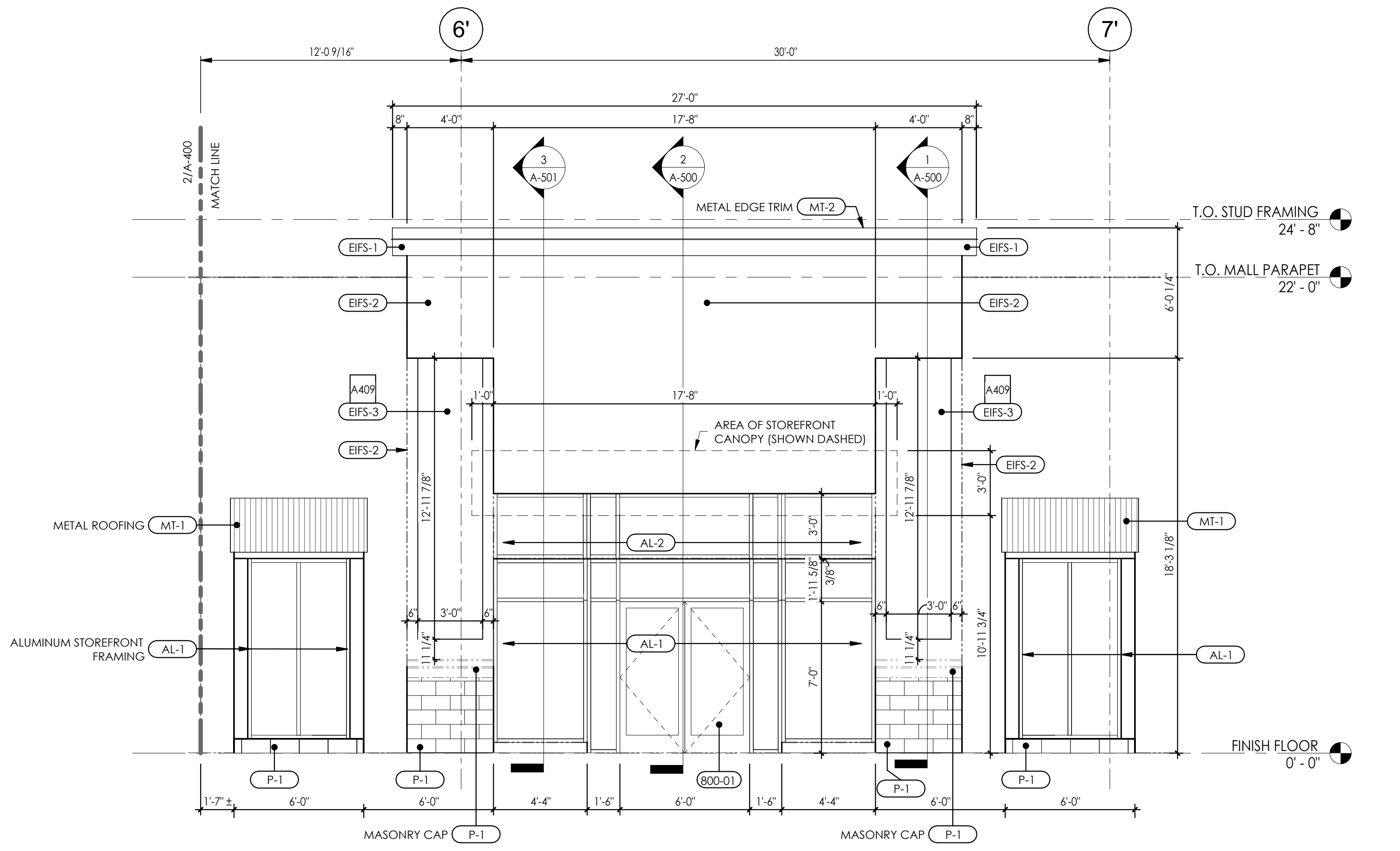
A-300



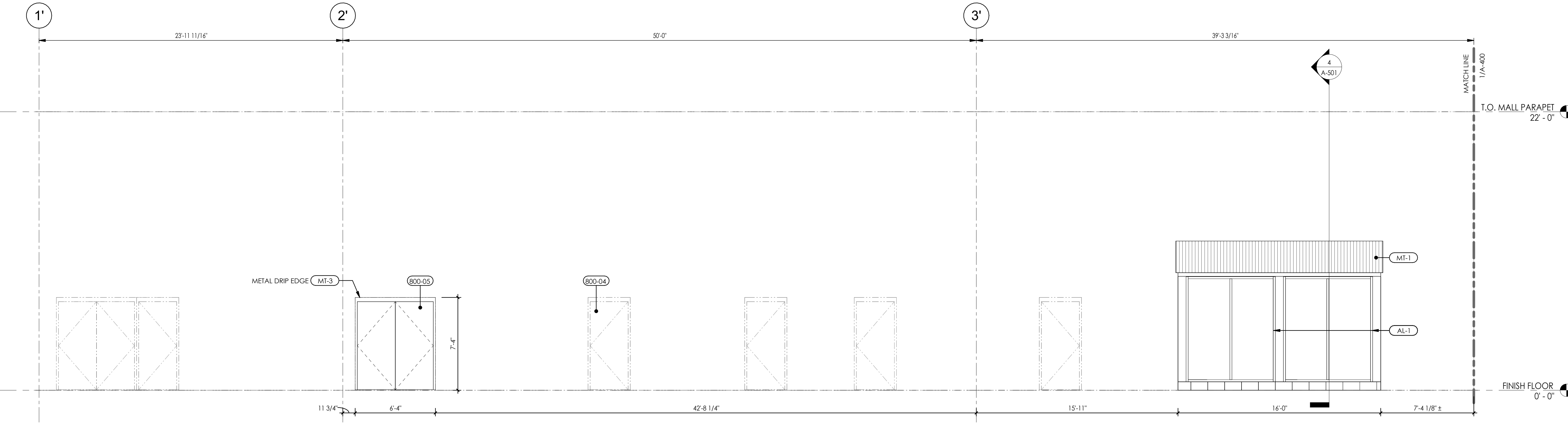
City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

LEGEND TO PLANS	
SYMBOL	DESCRIPTION
---	EXISTING WALL, PARTITION, OR ITEM TO REMAIN
—	NEW ITEM OR WALL
---	COLUMN CENTERLINE
---	LEASE LINE

CODED NOTES THIS SHEET	
#	DESCRIPTION
A409	NEW EIFS IN-FILL TO MATCH EXISTING ADJACENT EIFS AT TWO (2) LOCATIONS OF EIFS REVEAL.



1 Exterior Elevation - Storefront  
A-100 SCALE: 1/4" = 1'-0"



2 Exterior Elevation - Building  
A-100 SCALE: 1/4" = 1'-0"

Developer:  
**CAFARO**  
Commercial & Industrial Real Estate Developers  
- Est. 1949 -  
5577 Youngtown - Warren Road  
Akron, Ohio 44346  
Phone: 330-447-2661

Architect:  
**RIP**  
RICK PARTIKA, AIA  
5577 Youngtown - Warren Road  
Akron, Ohio 44346  
Phone: 330-447-2661  
E-Mail: rip@rickpartika.com

Project Information:  
**BARNES & NOBLE**  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

Revision No.	Description	Date	Issued By	SD
07-01-24	Issued Final			

Sheet Title:  
**EXTERIOR ELEVATIONS**  
PRCT120241136

Project No.: 62-800  
Date: 7-1-24  
Drawn By: SD  
Checked By: RP

**A-400**

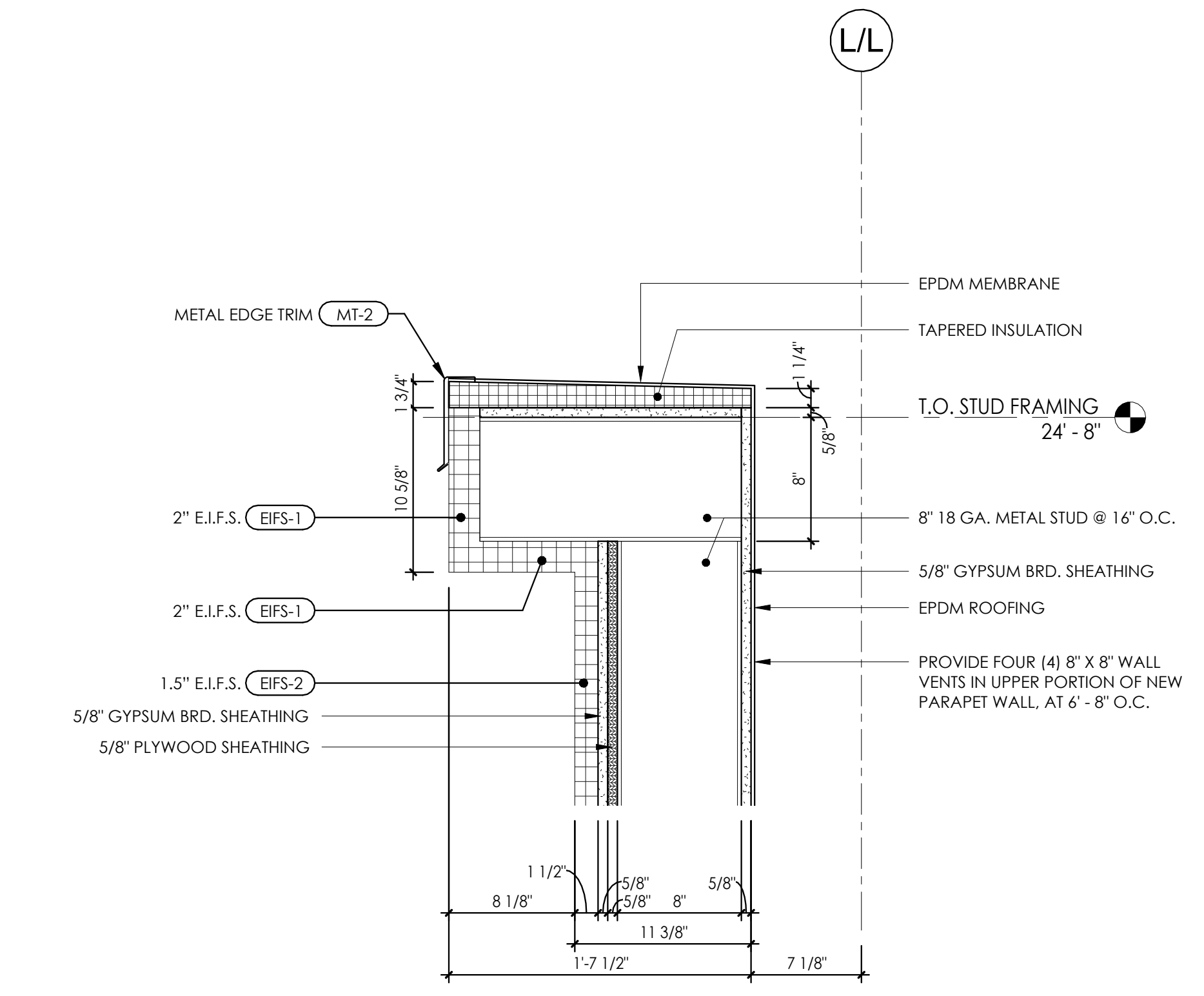
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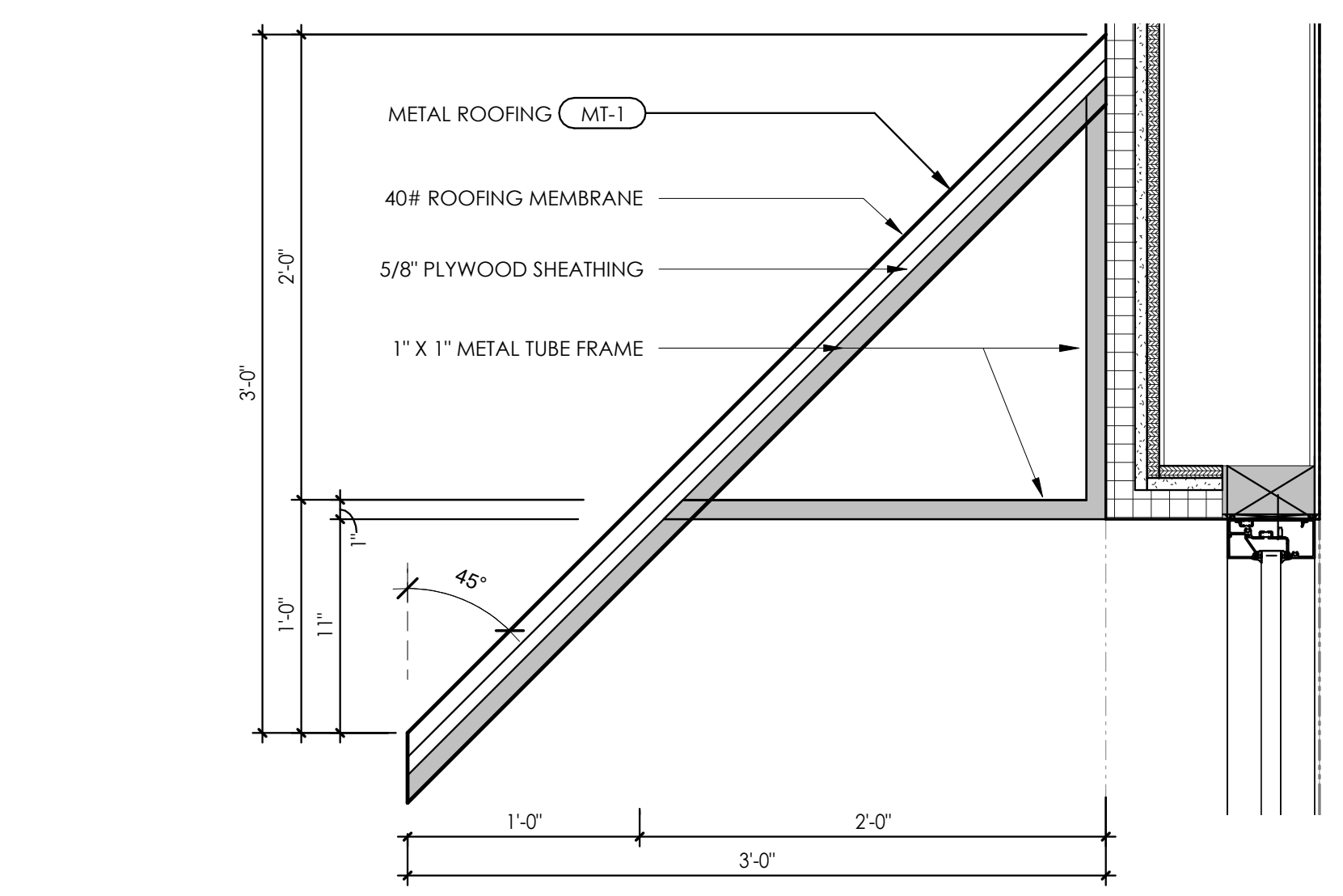


Revision No.	Description	Date Issued	SD
07-01-24	Final		

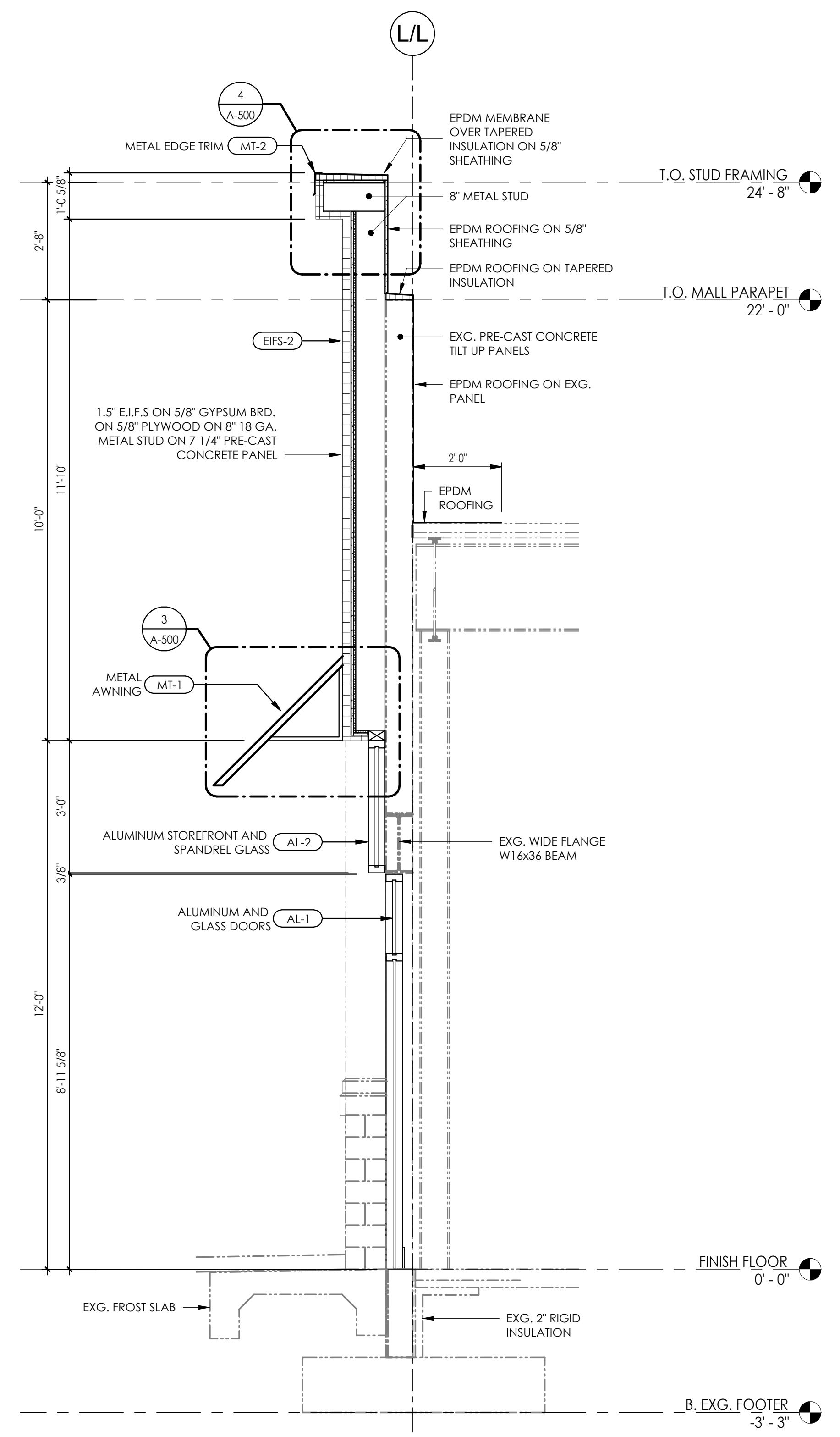
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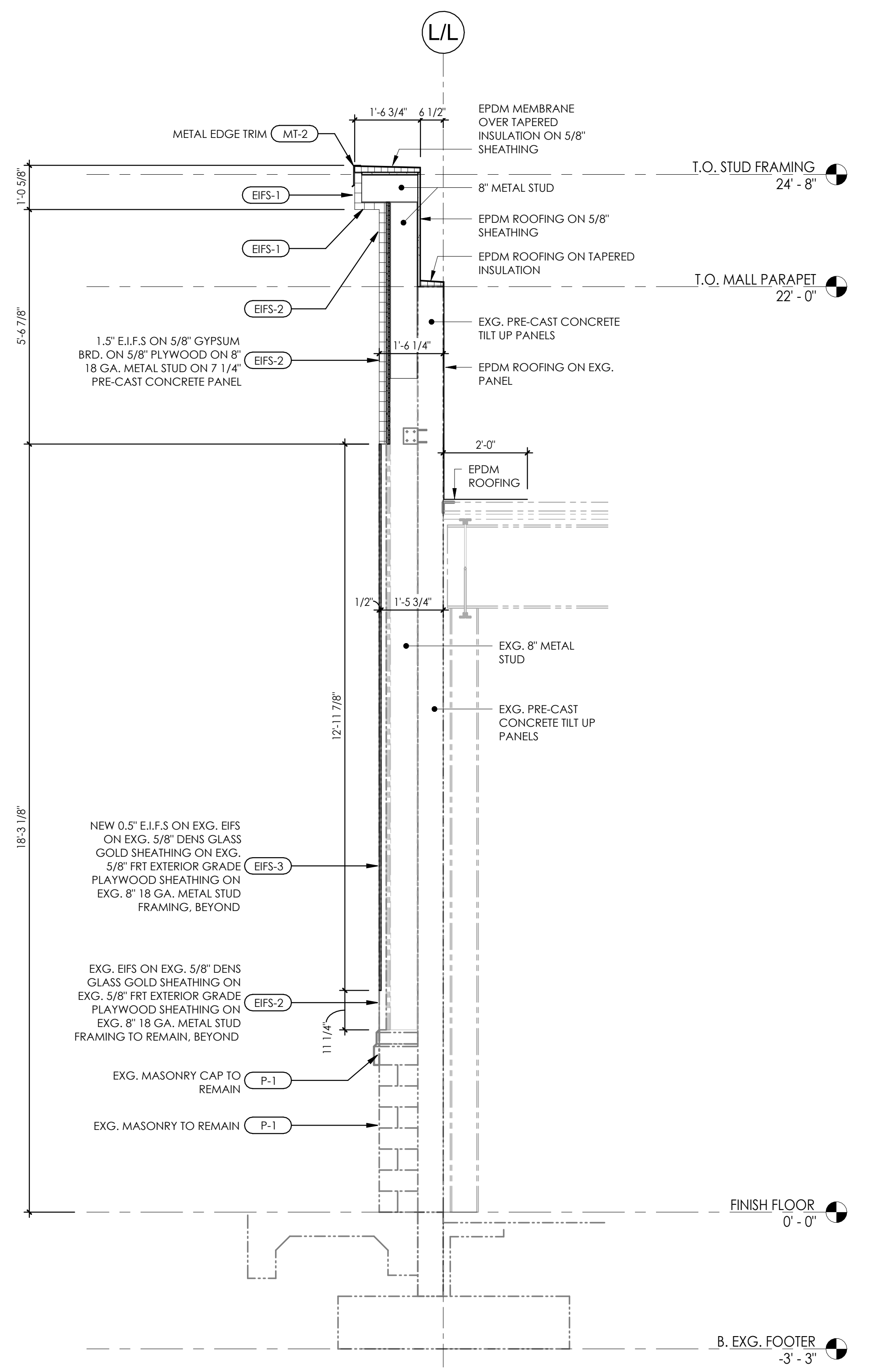
4 Typical Section @ Storefront Parapet  
A-500 SCALE: 1 1/2" = 1'-0"



3 Enlarged Awning Profile  
A-500 SCALE: 1 1/2" = 1'-0"



2 Section @ Storefront Entry Door  
A-100 SCALE: 1/2" = 1'-0"



1 Section @ Storefront Pier  
A-100 SCALE: 1/2" = 1'-0"



Revision No.	Description	Date	Issued By	SD
07-01-24	Issued Final			

Project Information:  
Project No.: 62-800  
Date: 7-1-24  
Drawn By: SD  
Checked By: RP

Sheet Title:  
EXTERIOR WALL SECTIONS

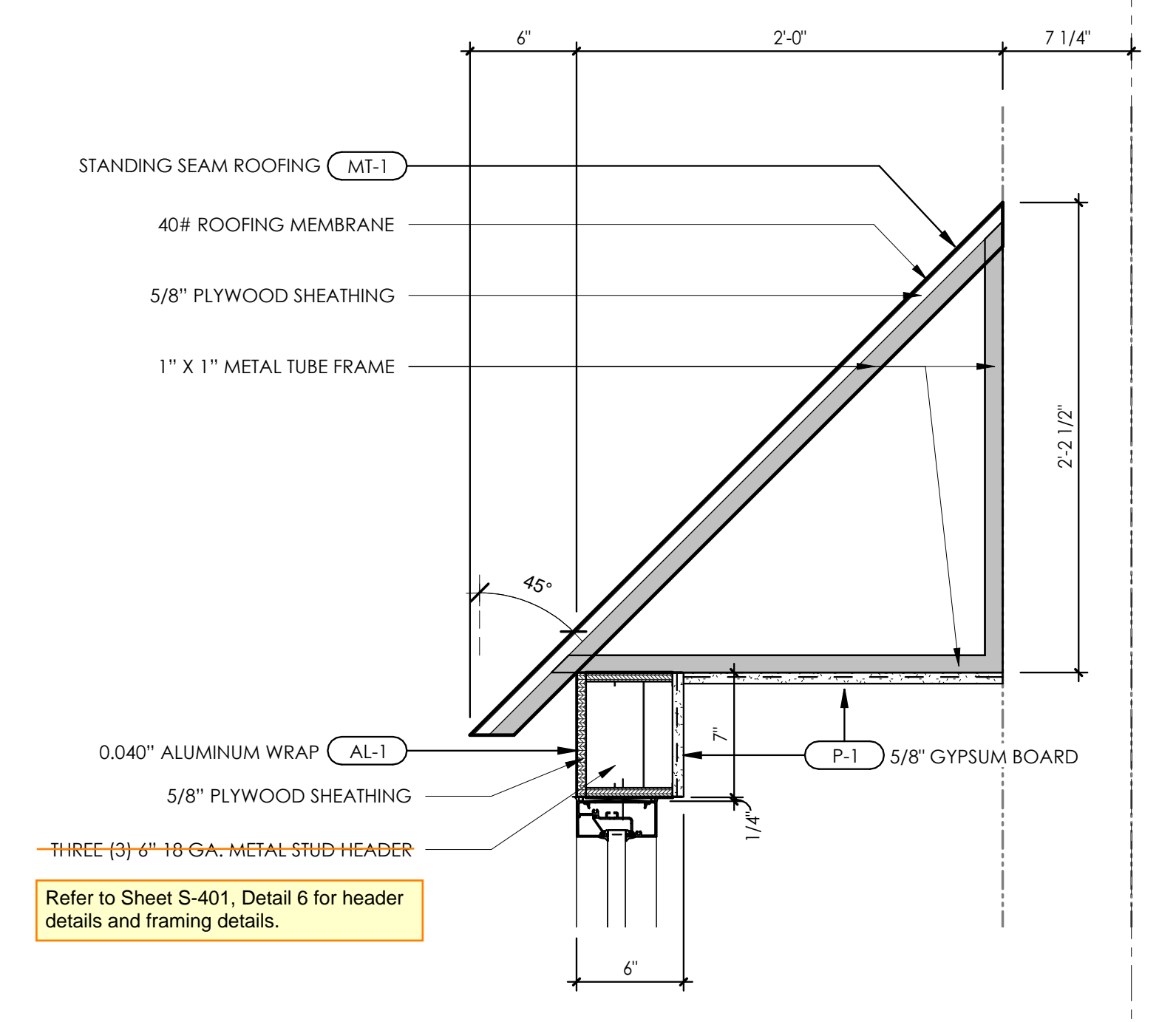
BARNES & NOBLE  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

PRCT120241136

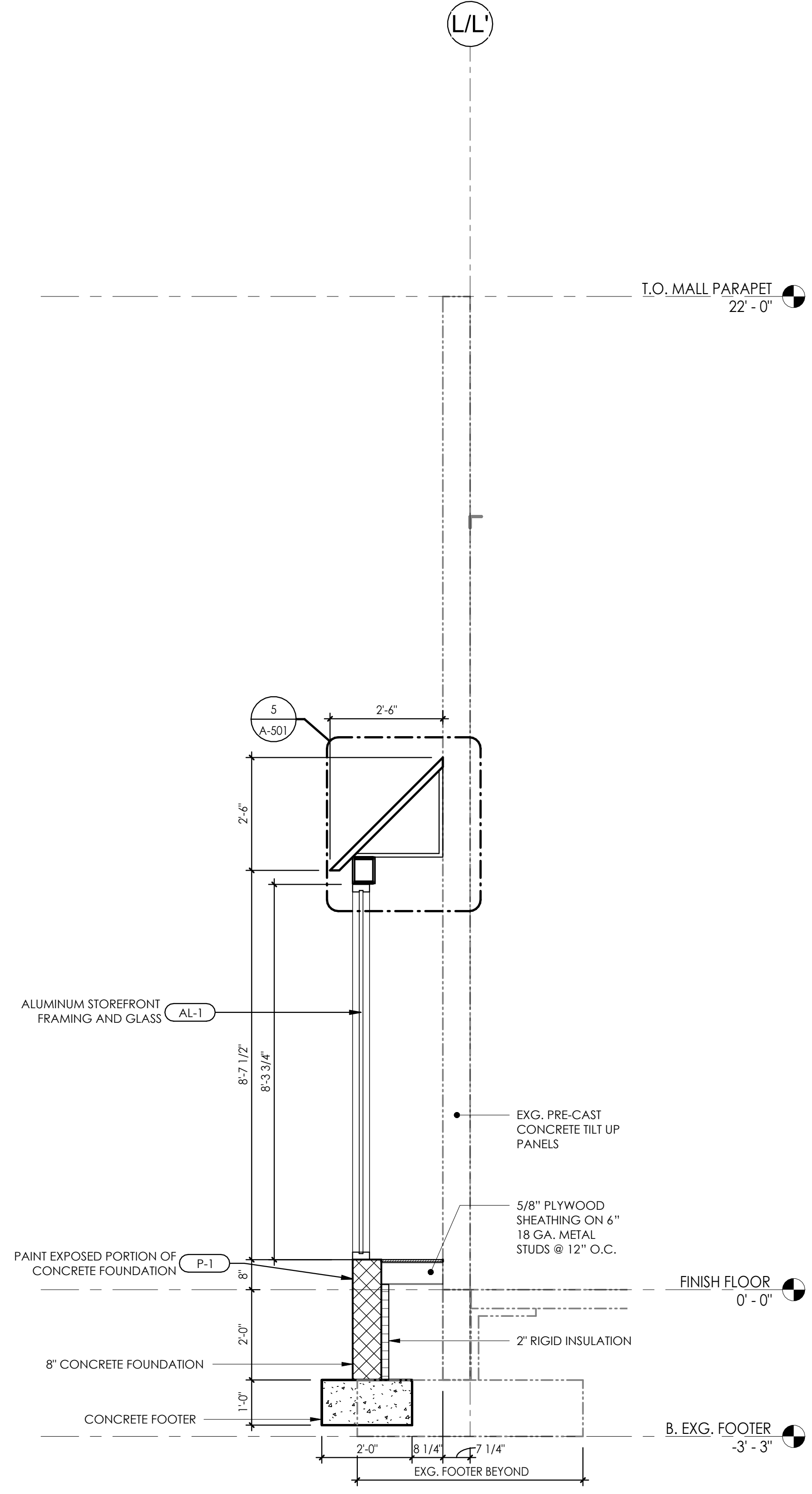
A-501

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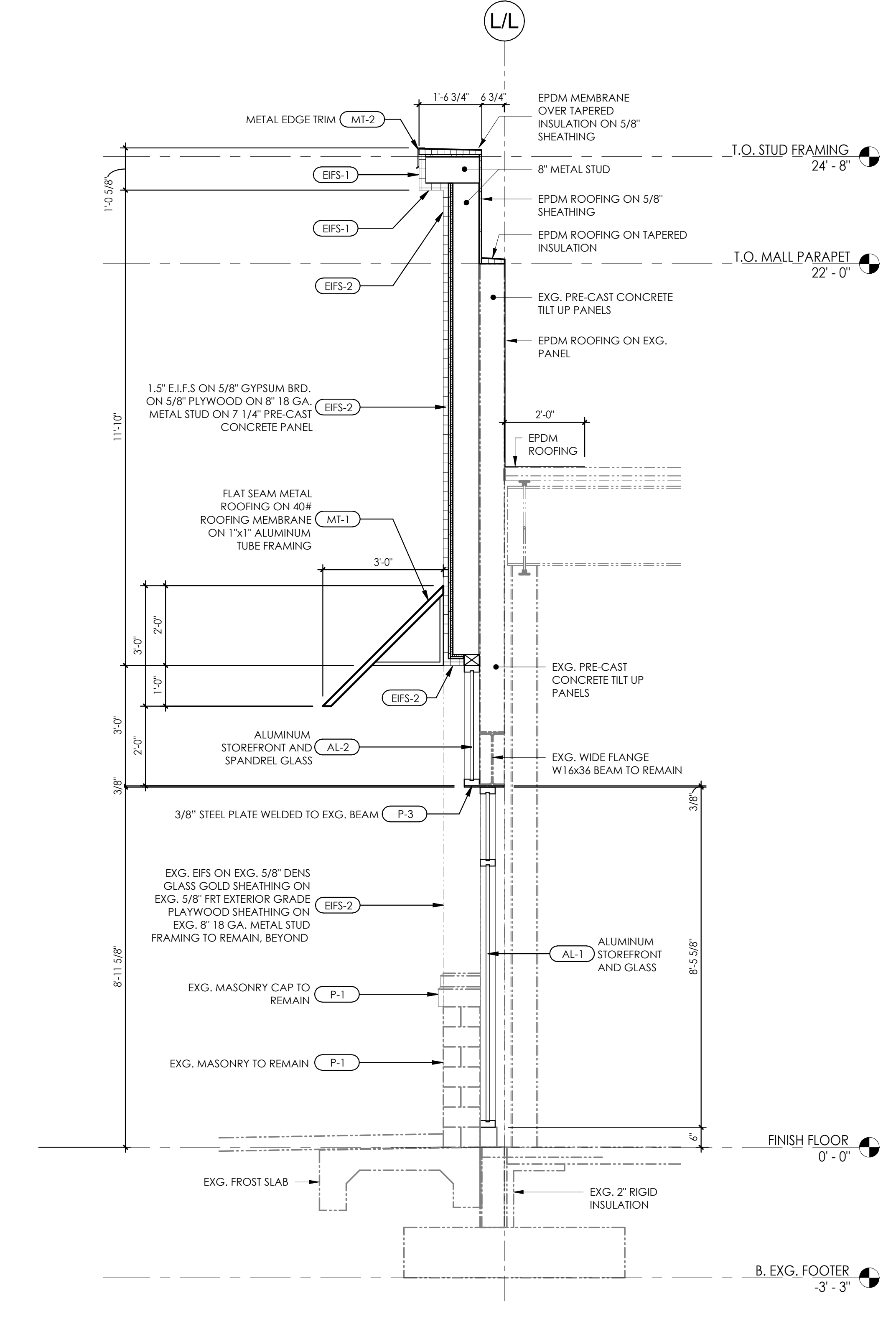
5  
A-501  
Typical Section @ Exterior Displays Roof System  
SCALE: 1 1/2" = 1'-0"



4  
A-100  
Section @ Exterior Displays  
SCALE: 1/2" = 1'-0"



3  
A-100  
Section @ Storefront Side Light  
SCALE: 1/2" = 1'-0"

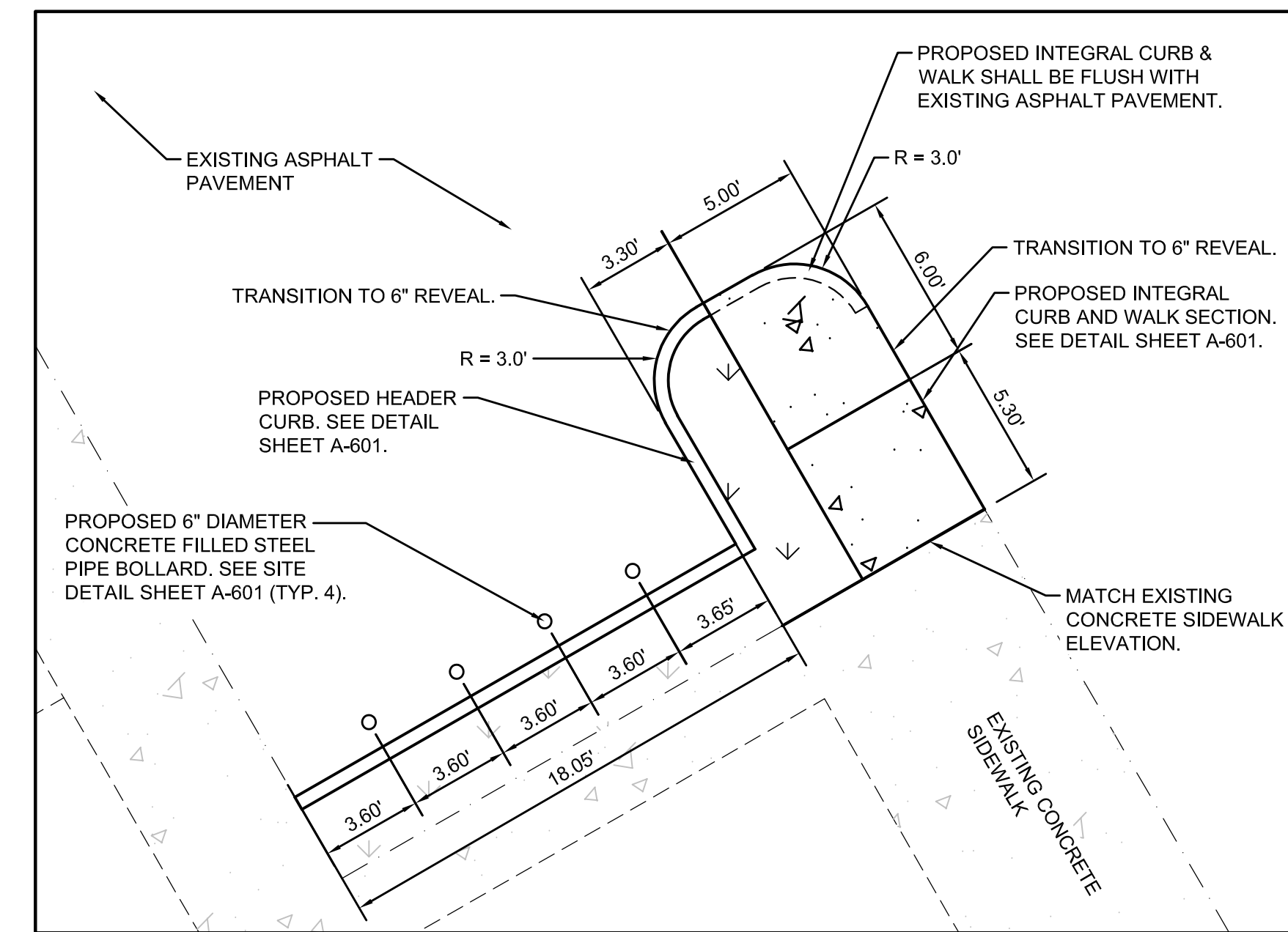
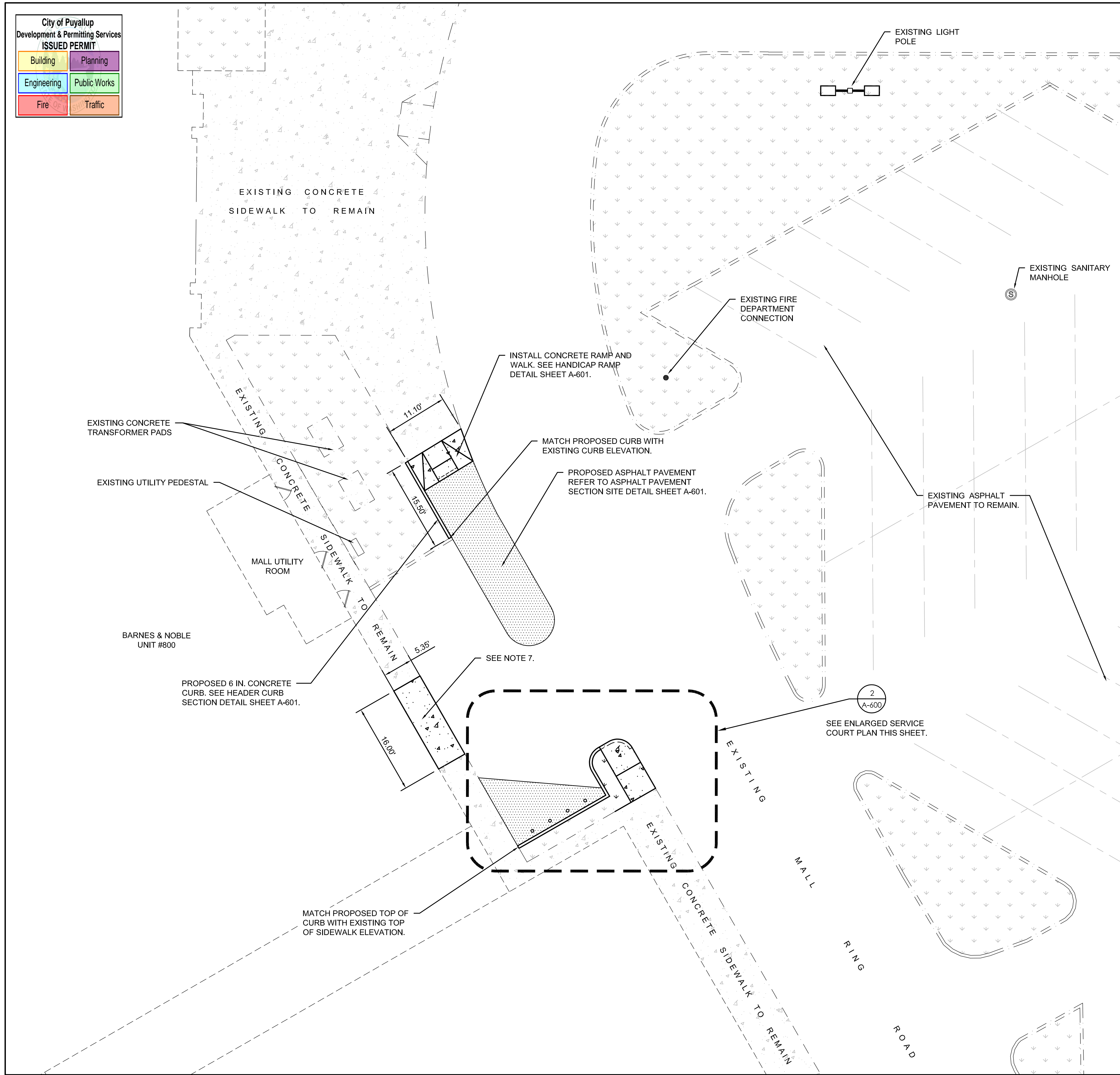


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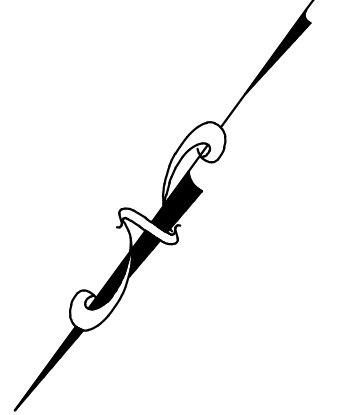
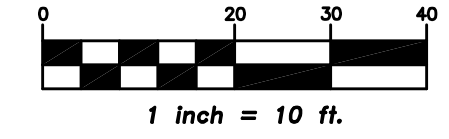


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1 SITE PLAN  
A-600 SCALE: 1" = 10'



2 ENLARGED SERVICE COURT PLAN  
A-600 SCALE: 1" = 5'



NOTES:

1. THE CONTRACTOR SHALL ASSURE THERE IS POSITIVE DRAINAGE THROUGHOUT THE PROJECT AND THAT NO PONDING OF STORM WATER WILL OCCUR.
2. NEW SIDEWALK CROSS SLOPE SHALL NOT EXCEED A MAXIMUM OF 2.00%.
3. ALL NEW CURB SHALL HAVE A 6 INCH REVEAL UNLESS OTHERWISE NOTED.
4. ALL DIMENSIONS SHOWN ARE REFERENCED FROM AND TO FACE OF CURB OR FACE OF BUILDING. ALL RADII SHOWN REFERS TO FACE OF CURB.
5. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION AND INSTALLATION OF ASPHALT PAVING, CONCRETE CURB, AND CONCRETE SIDEWALKS.
6. PROPOSED LANDSCAPED AREAS WILL REQUIRE INSTALLATION OF 6 INCHES OF TOPSOIL. AREA WILL THEN BE SEEDED, FERTILIZED, MULCHED, OR SEEDED, AS INDICATED.
7. THIS AREA OF SIDEWALK HAS RECENTLY BEEN DEMOLISHED AND REMOVED. INSTALL NEW SIDEWALK SECTION IN THIS AREA. PER TYPICAL INTEGRAL CURB AND WALK SECTION DETAIL ON SHEET A-601.

LEGEND

	EXISTING BUILDING
	EXISTING CURB
	EXISTING STRIPING
	PROPOSED CURB
	PROPOSED FLUSH CURB
	EXISTING WATER HYDRANT
	EXISTING STORM CATCH BASIN
	EXISTING SANITARY MANHOLE
	EXISTING LIGHT POLE
	EXISTING LANDSCAPE AREA REFER TO DRAWING #A-602 FOR ANY MODIFICATIONS
	EXISTING CONCRETE
	PROPOSED CONCRETE
	PROPOSED LANDSCAPE AREA REFER TO DRAWING # A-602 FOR ANY MODIFICATIONS.
	PROPOSED ASPHALT PAVEMENT SEE SECTION DETAIL SHEET A-601

Developer:  
**CAFARO**  
Commercial & Industrial Real Estate Developers  
5577 Youngtown - Warren Road  
Akron, Ohio 44444  
Phone: 330-747-2641

Architect:  
RICK PARTIKA, AIA  
5577 Youngtown - Warren Road  
Akron, Ohio 44444  
E-Mail: rpartika@cafaro.com

Revision No.	Description	Date	Issued By
ISSUED FINAL		07-01-24	JES

Project Title:  
**SITE PLAN**  
PRCT120241136

Project Information:  
**BARNES & NOBLE**  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

Project No.: 62-800  
Date: 07-01-24  
Drawn By: JES  
Checked By: RP

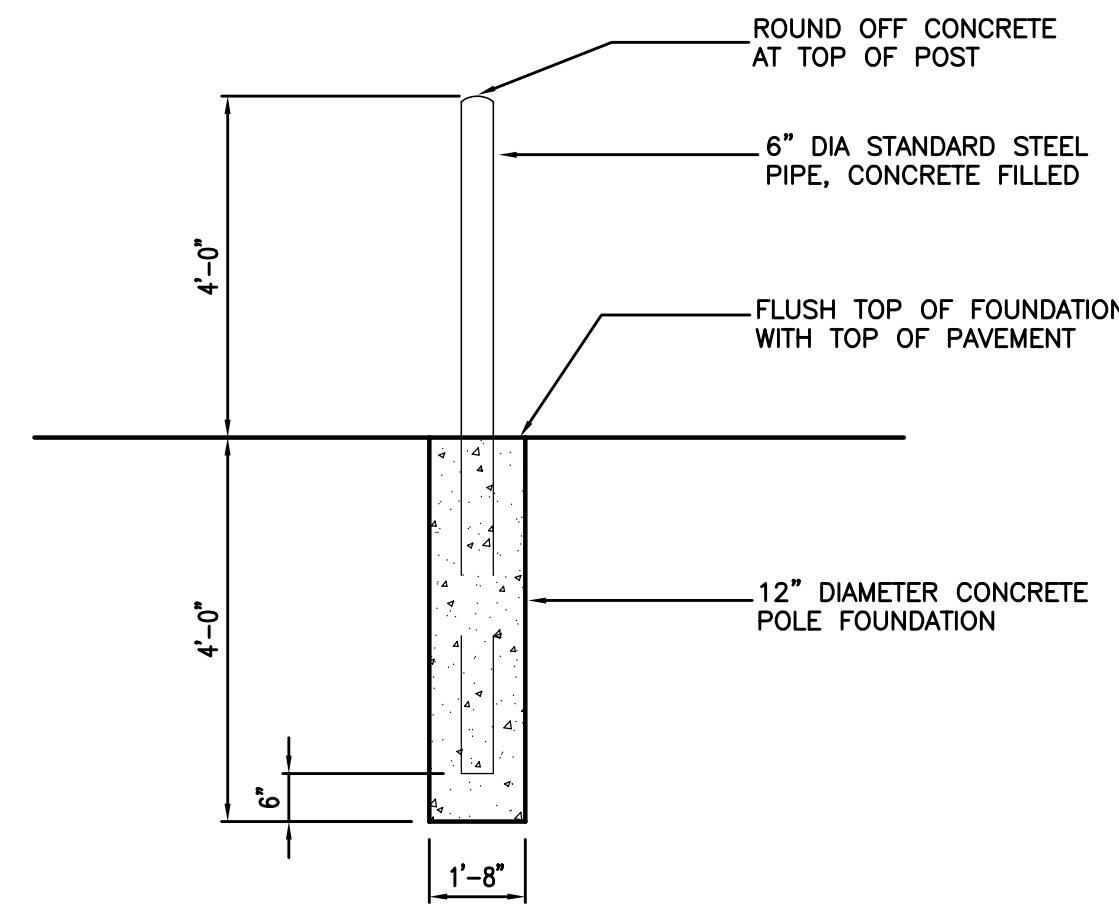
**A-600**

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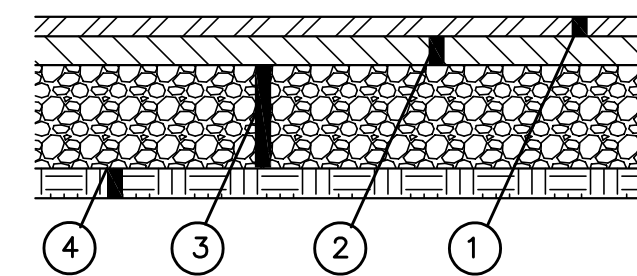
City of Puyallup  
Development & Permitting Services  
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



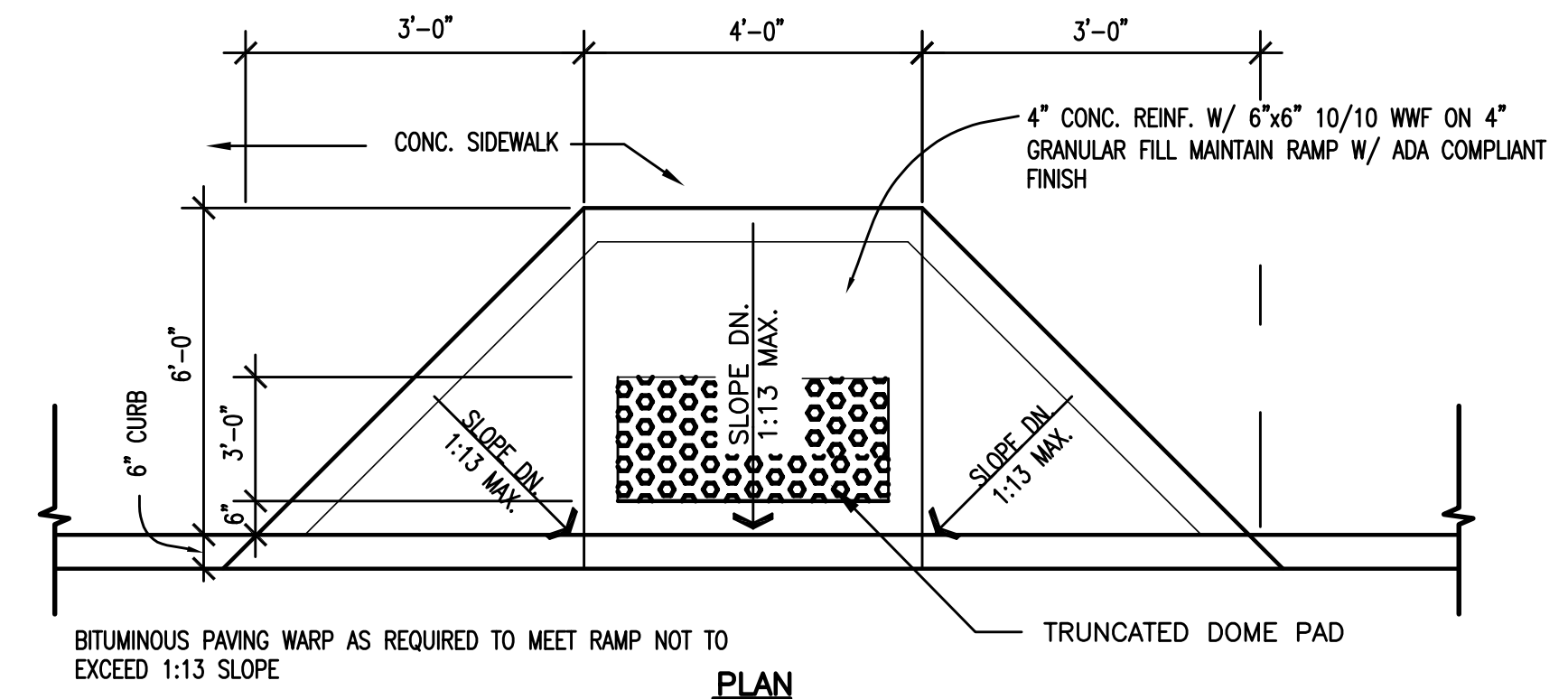
PIPE BOLLARD DETAIL

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



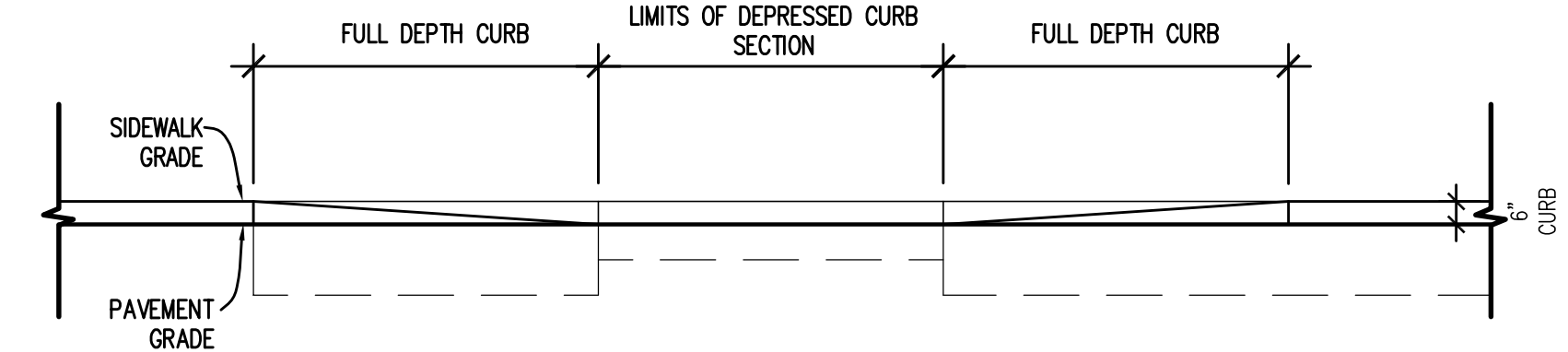
- ① 2 INCHES ASPHALT SURFACE COURSE, WSDOT ITEM 5-04 SURFACE COURSE
- ② 3 INCHES ASPHALT BASE COURSE, WSDOT ITEM 5-04 BASE COURSE
- ③ 10 INCHES WSDOT ITEM 4-04 GRANULAR BASE
- ④ SUBGRADE COMPACTED PER WSDOT ITEM 2-06

FULL DEPTH HEAVY DUTY PAVEMENT SECTION DETAIL  
NOT TO SCALE



BITUMINOUS PAVING WARP AS REQUIRED TO MEET RAMP NOT TO EXCEED 1:13 SLOPE

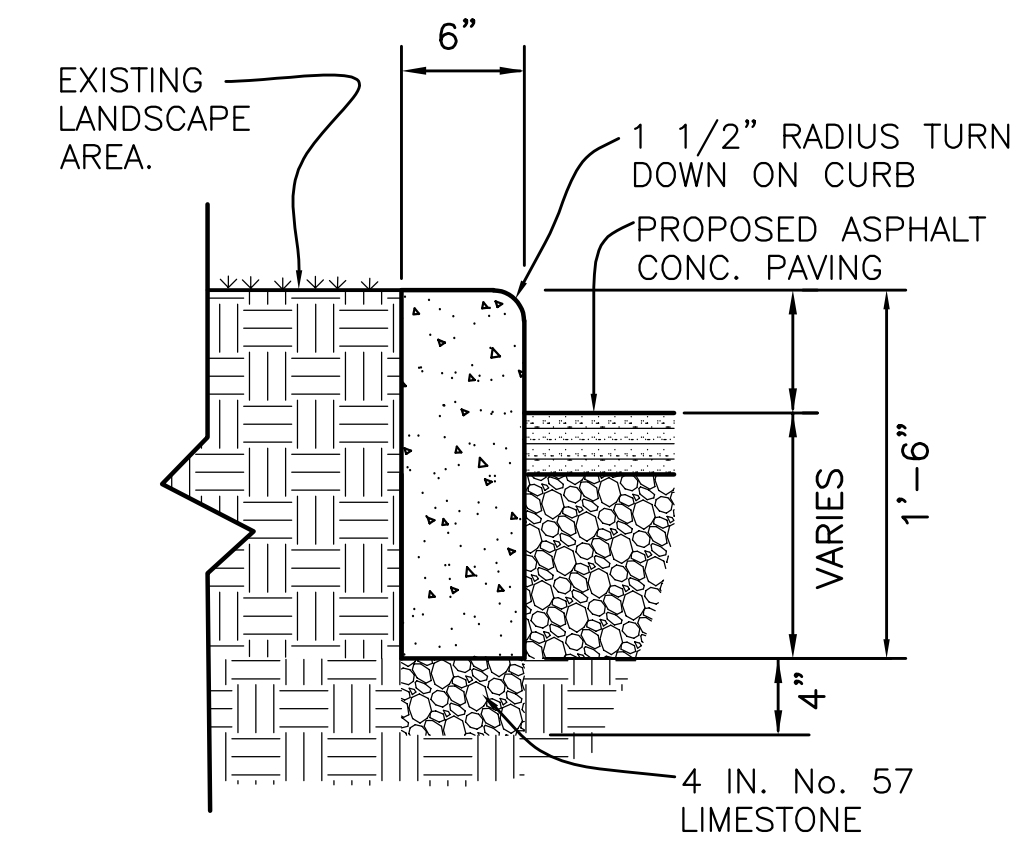
PLAN



ELEVATION

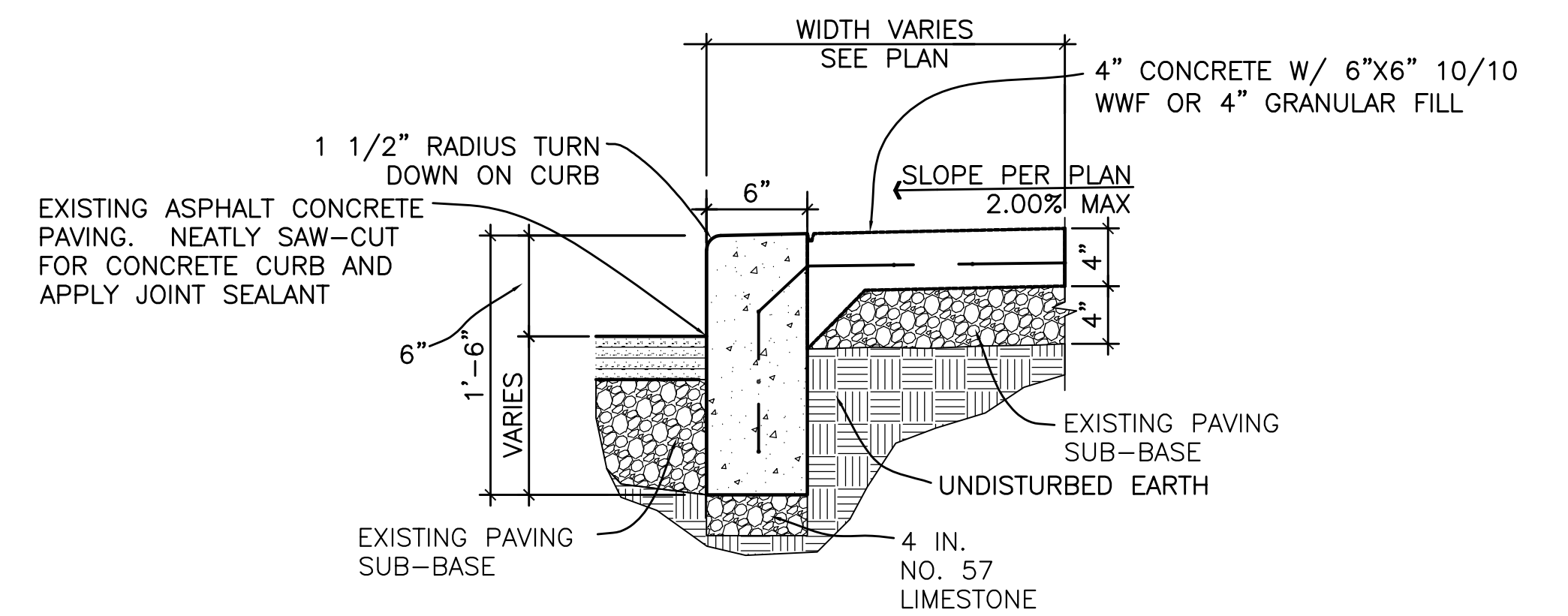
HANDICAP RAMP DETAIL

(NOT TO SCALE)



HEADER CURB DETAIL

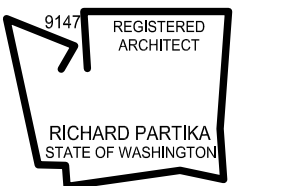
(NOT TO SCALE)



TYPICAL INTEGRAL CURB AND WALK SECTION

(NOT TO SCALE)

Developer: **CAFARO**  
Commercial & Industrial Real Estate Developers  
- Est. 1949 -  
5577 Youngtown - Warren Road  
Akron, Ohio 44444  
Phone: 330-747-2641



Architect: **RICK PARTIKA, AIA**  
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Phone: 330-747-2641  
Email: rpartika@cafaro.com

Revision No.	Description	Date	Issued By
ISSUED FINAL		07-01-24	JES

SITE DETAILS

PRCT120241136

Project Information:  
**BARNES & NOBLE**  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

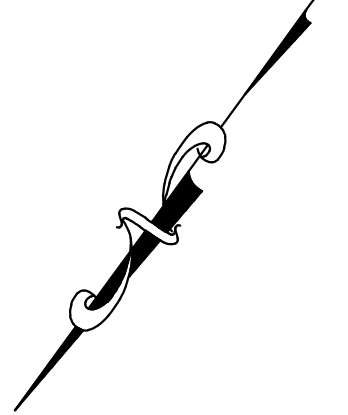
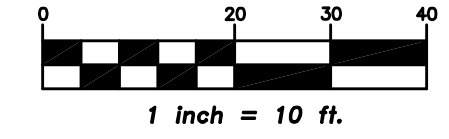
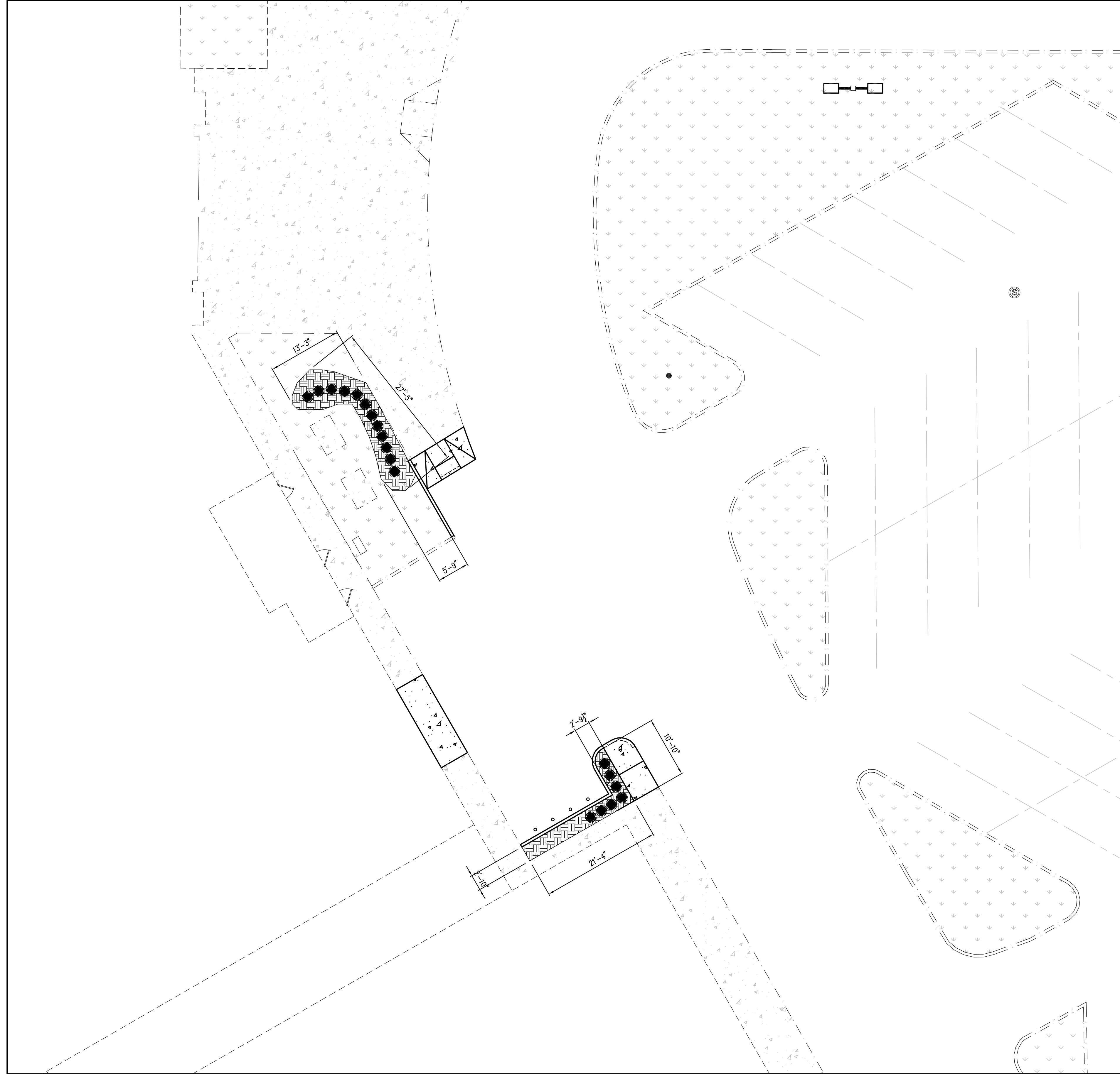
Project No.: 62-800  
Date: 07-01-24  
Drawn By: JES  
Checked By: RP

A-601



6/12/2024 10:53:24 AM E:\Departments\AEC\OB\_AE\_WIP\South Hill Mall\BARNES & NOBLE BOOKSELLERS\_800\AUTO DESK\62-800 Arch.rvt

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



- LEGEND**
- EXISTING LANDSCAPE AREA. PROTECT THROUGHOUT ENTIRE CONSTRUCTION PROCESS.
  - DOUBLE-SHREDDED MULCHED AREA. MOUND UP IN CENTER TO 8" ABOVE ADJACENT GRADES. REVISE EXISTING IRRIGATION SYSTEM AS NECESSARY.
  - 6' TALL ARBORVITAE SHRUBS @ 28" o.c. PROVIDE ADEQUATE SOIL FOR PLANTING AND COORDINATE PLANTING GRADES WITH RAISED MULCHED AREAS. REVISE EXISTING IRRIGATION SYSTEM AS NECESSARY.

**1 LANDSCAPE AND IRRIGATION PLANS**

A-602 SCALE: 1" = 10'

<b>Project Information:</b> <b>BARNES &amp; NOBLE</b> <b>SOUTH HILL MALL - UNIT #800</b> PUYALLUP, WASHINGTON		<b>Sheet Title:</b> <b>LANDSCAPE AND IRRIGATION PLAN</b> <b>PRCT120241136</b>		<b>Architect:</b>  <b>RICK PARTIKA, AIA</b> 5577 Youngtown - Warren Road Near, Ohio 44446 E-Mail: rpartika@scfarc.com		<b>Developer:</b>  <b>CAFARO</b> Commercial & Industrial Real Estate Developers 5577 Youngtown - Warren Road Near, Ohio 44446 Phone: 330-747-2661	
Project No.:	62-800	Revision No.		Issued By:	JES	Architect:	RICHARD PARTIKA STATE OF WASHINGTON
Date:	07-01-24	Description	ISSUED FINAL	Date	07-01-24	Seal:	
Drawn By:	JES						
Checked By:	RP						
<b>A-602</b>							

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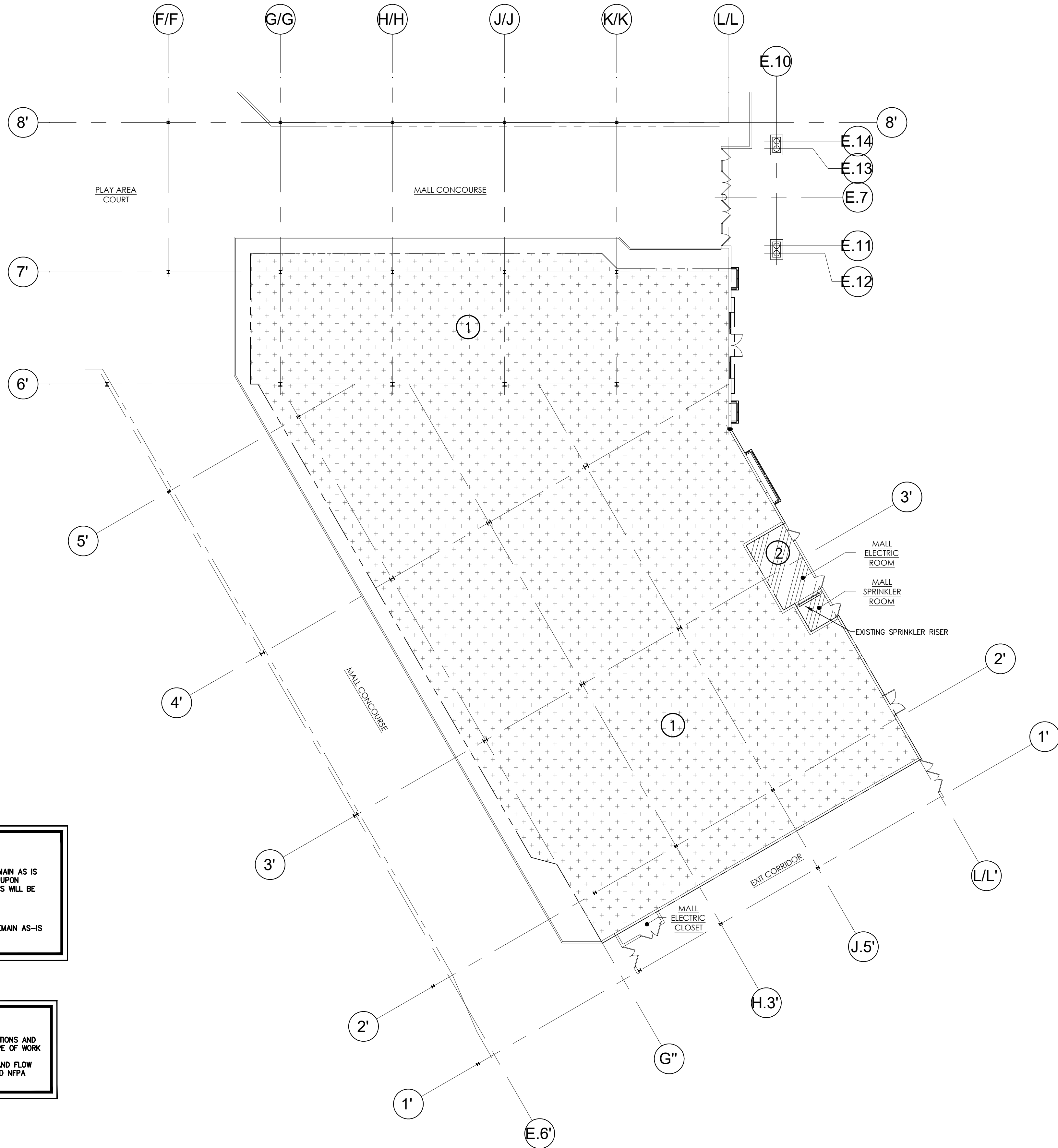
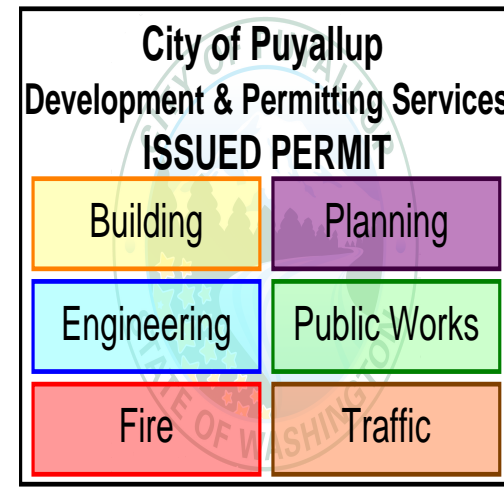












**SPRINKLER DESIGN NOTES**

1. SPRINKLER SYSTEM IS AN EXISTING SYSTEM. SPRINKLER CONTRACTOR TO REVISE EXISTING SYSTEM AS REQUIRED TO MEET ALL NFPA REQUIREMENTS AND ALL INSURANCE REQUIREMENTS OF OWNER.
2. NUMBER OF HEADS, ROUTE OF PIPE, SIZE OF PIPE IS THE RESPONSIBILITY OF SPRINKLER CONTRACTOR.
3. SEE ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS, TYPE OF CONSTRUCTION AND HEIGHT OF AREAS.
4. COORDINATE ALL LINES WITH ELECTRICAL, PLUMBING AND MECHANICAL CONTRACTORS.
5. SEE ARCHITECTURAL DRAWINGS FOR TOTAL SQUARE FOOTAGE AND CODE INFORMATION.
6. ALL PIPE FITTINGS AND HANGERS TO BE UL-FM APPROVED AND IN STRICT ACCORDANCE WITH NFPA 13.
7. EXISTING SPRINKLER SYSTEM IS IN PLACE WITHIN BUILDING. CONTRACTOR TO ADJUST HEADS AS NECESSARY FOR NEW CONSTRUCTION. CONTRACTOR TO EXTEND EXISTING BRANCH LINES AS NECESSARY.
8. CONTRACTOR IS TO VISIT JOB SITE TO OBSERVE EXISTING CONDITIONS IN ORDER TO DETERMINE FULL SCOPE OF WORK REQUIRED.
9. EXISTING SPRINKLER RISER, TAMPER SWITCH, AND FLOW SWITCH ARE TO REMAIN ACTIVE. EXISTING RISERS LOCATED AS INDICATED ON THIS PLAN.
10. SPRINKLER CONTRACTOR IS TO REUSE/RELOCATE ANY EXISTING SPRINKLER HEADS WITHIN SPACE(S) WHICH ARE COMPLIANT WITH NFPA REQUIREMENTS. CONTRACTOR TO PROVIDE NEW MATCHING HEADS AS NECESSARY TO ENSURE FULL AND PROPER COVERAGE.
11. CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION RELATED TO CONSTRUCTION AND CEILING TYPES.
12. COORDINATE ALL LINES WITH ELECTRICAL, PLUMBING AND MECHANICAL CONTRACTORS.
13. SEE ARCHITECTURAL DRAWINGS FOR TOTAL SQUARE FOOTAGE AND CODE INFORMATION.
14. ALL PIPE FITTINGS AND HANGERS TO BE UL-FM APPROVED AND IN STRICT ACCORDANCE WITH NFPA 13.

**FIRE PROTECTION LEGEND**

- ① - EXISTING SPRINKLER HEADS IN THIS AREA TO REMAIN AS IS WITH PANS MOUNTED TO ALL SPRINKLER HEADS, UPON REMOVAL OF ALL CEILINGS. FUTURE MODIFICATIONS WILL BE PERFORMED BY TENANT AS REQUIRED.
- ② - EXISTING SPRINKLER SYSTEM IN THIS AREA TO REMAIN AS-IS

**SPRINKLER NOTES:**

- INSTALLING CONTRACTOR TO CONFIRM ALL EXISTING CONDITIONS AND SYSTEMS IN FIELD AS REQUIRED TO DETERMINE FULL SCOPE OF WORK
- INSTALLING CONTRACTOR IS TO VERIFY ALL HEAD TYPES AND FLOW REQUIREMENTS AS REQUIRED BY BUILDING OCCUPANCY AND NFPA REQUIREMENTS.

1 Floor Plan - Fire Protection  
FP-100 SCALE: 1/16" = 1'-0"

6/12/2024 10:53:24 AM E:\Departments\AEC\OB\_AE\_WIP\South Hill Hill Mall\_BARNES & NOBLE BOOKSELLERS\_BOOY AUTO DESK\62-800 Arch.dwg

Developer: **CAFARO**  
Commercial & Industrial Real Estate Developers  
5577 Youngtown - Warren Road  
Phone: 330.747.2641



Architect: **IRIP**  
**RICK PARTIKA, AIA**  
5577 Youngtown - Warren Road  
Niles, Ohio 44446  
E-Mail: rpartika@iparcocompany.com

Revision No.	Issued Final Description	Date	Issued By
1	CAJ	7-1-2024	CAJ

Project Information:  
**FLOOR PLAN - FIRE PROTECTION**

**BARNES & NOBLE**  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

Project No.: 62-800  
Date: 6-12-24  
Drawn By: KAV  
Checked By: CAJ

**FP-100**

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PRCT120241136



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### ROOFTOP UNIT SCHEDULE

(FURNISHED BY LANDLORD AND INSTALLED BY THIS CONTRACTOR)

UNIT TAG	RTU-1	RTU-2	RTU-3	RTU-4	RTU-5	RTU-6
AREA SERVED	SALES	SALES	SALES	RRG/OFFICES	STOCK AREA	CAFE
MANUFACTURER	LENNOX	LENNOX	LENNOX	LENNOX	LENNOX	LENNOX
MODEL NUMBER	LHT180H4M	LHT180H4M	LHT180H4M	LHT036H4E	LHT048H4E	LHT060H4E
TYPE	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP	HEAT PUMP
NOMINAL CAPACITY (TON)	15	15	15	3	4	5
EER/EER	11.1 EER	11.1 EER	11.1 EER	12.3 EER	12.8 EER	12.2 EER
MIN OUTSIDE AIR CFM	600	600	600	120	160	200
SUPPLY FAN						
CFM	6000	6000	6000	1200	1600	2000
ESP	0.80"	0.80"	0.80"	0.80"	0.80"	0.80"
HP	5.0	5.0	5.0	0.5 W/MSAV	1.0 W/MSAV	1.5
TYPE	BELT MSAV	BELT MSAV	BELT MSAV	ECM	ECM	DIRECT MSAV
FILTERS						
TYPE	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
DEPTH	2"	2"	2"	2"	2"	2"
MERV	8	8	8	8	8	8
MEAN AFD	0.03"	0.03"	0.03"	0.03"	0.04"	0.05"
HEAT PUMP PERFORMANCE						
HEATING CAP. @ DESIGN	111,700 BTUH	111,700 BTUH	111,700 BTUH	22,000 BTUH	29,500 BTUH	37,400 BTUH
C.O.P. HI/LO	3.4/2.1	3.4/2.1	3.4/2.1	3.8/2.3	3.9/2.4	3.7/2.3
AUXILIARY ELECTRIC HEATING COIL						
CFM	6000	6000	6000	1200	1600	2000
KW	30.0	30.0	30.0	7.5	7.5	15.0
DX COOLING COIL						
CFM	6000	6000	6000	1200	1600	2000
EAT DB/WB	76.0/61.4	76.0/61.4	76.0/61.4	76.0/61.4	76.0/61.4	76.0/61.4
LAT DB/WB	51.7/50.7	51.7/50.7	51.7/50.7	52.8/51.2	52.7/51.3	42.2/42.2
COND. EAT	85.0	85.0	85.0	85.0	85.0	85.0
SENSIBLE/TOTAL MBH	161.1/180.0	161.1/180.0	161.1/180.0	31.1/34.9	41.9/46.7	74.0/83.2
REFRIGERANT TYPE	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
COMPRESSOR	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
QUANTITY	2	2	2	1	1	1
STAGES	3	3	3	2	2	2
ECONOMIZER	0-100%	0-100%	0-100%	0-100%	0-100%	0-100%
ELECTRICAL						
MCA/MFS	86/90	86/90	86/90	23/25	25/25	36/40
V-PH-CY	480/3/60	480/3/60	480/3/60	480/3/60	480/3/60	480/3/60
DISCONNECT	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY	FACTORY
OPERATING WEIGHT (LBS)	2636	2636	2636	877	873	916
REMARKS	PROVIDE UNIT WITH SINGLE ENTHALPY ECONOMIZER, BAROMETRIC RELIEF, CONDENSER COIL HAIL GUARDS & 14" SEISMIC CURB. 5 YEAR COMPRESSOR WARRANTY. NON-POWERED CONVENIENCE OUTLET, WITH POWER EXHAUST, PROVIDE UNIT WITH CARBON DIOXIDE (CO2) SENSOR/CONTROLLER. FACTORY INSTALLED MODEL DH400 SMOKE DETECTOR IN RETURN AIR SYSTEM AND ALL AN RTS451KEY REMOTE KEY OPERATED TEST STATION	PROVIDE UNIT WITH SINGLE ENTHALPY ECONOMIZER, BAROMETRIC RELIEF, CONDENSER COIL HAIL GUARDS & 14" SEISMIC CURB. 5 YEAR COMPRESSOR WARRANTY. NON-POWERED CONVENIENCE OUTLET, WITH POWER EXHAUST, PROVIDE UNIT WITH CARBON DIOXIDE (CO2) SENSOR/CONTROLLER. FACTORY INSTALLED MODEL DH400 SMOKE DETECTOR IN RETURN AIR SYSTEM AND ALL AN RTS451KEY REMOTE KEY OPERATED TEST STATION	PROVIDE UNIT WITH SINGLE ENTHALPY ECONOMIZER, BAROMETRIC RELIEF, CONDENSER COIL HAIL GUARDS & 14" SEISMIC CURB. 5 YEAR COMPRESSOR WARRANTY. NON-POWERED CONVENIENCE OUTLET, WITH POWER EXHAUST, PROVIDE UNIT WITH CARBON DIOXIDE (CO2) SENSOR/CONTROLLER. FACTORY INSTALLED MODEL DH400 SMOKE DETECTOR IN RETURN AIR SYSTEM AND ALL AN RTS451KEY REMOTE KEY OPERATED TEST STATION	PROVIDE UNIT WITH SINGLE ENTHALPY ECONOMIZER, BAROMETRIC RELIEF, CONDENSER COIL HAIL GUARDS & 14" SEISMIC CURB. 5 YEAR COMPRESSOR WARRANTY. NON-POWERED CONVENIENCE OUTLET, PROVIDE UNIT WITH CARBON DIOXIDE (CO2) SENSOR/CONTROLLER. FACTORY INSTALLED MODEL DH400 SMOKE DETECTOR IN RETURN AIR SYSTEM AND ALL AN RTS451KEY REMOTE KEY OPERATED TEST STATION	PROVIDE UNIT WITH SINGLE ENTHALPY ECONOMIZER, BAROMETRIC RELIEF, CONDENSER COIL HAIL GUARDS & 14" SEISMIC CURB. 5 YEAR COMPRESSOR WARRANTY. NON-POWERED CONVENIENCE OUTLET, PROVIDE UNIT WITH CARBON DIOXIDE (CO2) SENSOR/CONTROLLER. FACTORY INSTALLED MODEL DH400 SMOKE DETECTOR IN RETURN AIR SYSTEM AND ALL AN RTS451KEY REMOTE KEY OPERATED TEST STATION	PROVIDE UNIT WITH SINGLE ENTHALPY ECONOMIZER, BAROMETRIC RELIEF, CONDENSER COIL HAIL GUARDS & 14" SEISMIC CURB. 5 YEAR COMPRESSOR WARRANTY. NON-POWERED CONVENIENCE OUTLET, PROVIDE UNIT WITH CARBON DIOXIDE (CO2) SENSOR/CONTROLLER. FACTORY INSTALLED MODEL DH400 SMOKE DETECTOR IN RETURN AIR SYSTEM AND ALL AN RTS451KEY REMOTE KEY OPERATED TEST STATION
CONTROLS	PROGRAMMABLE CONTROL PANEL W/ HEATING/COOLING ZONE LOCKOUT, ECONOMIZER DEFAULT DETECTION, AND AUXILIARY HEAT USE VISUAL INDICATION	PROGRAMMABLE CONTROL PANEL W/ HEATING/COOLING ZONE LOCKOUT, ECONOMIZER DEFAULT DETECTION, AND AUXILIARY HEAT USE VISUAL INDICATION	PROGRAMMABLE CONTROL PANEL W/ HEATING/COOLING ZONE LOCKOUT, ECONOMIZER DEFAULT DETECTION, AND AUXILIARY HEAT USE VISUAL INDICATION	PROGRAMMABLE CONTROL PANEL W/ HEATING/COOLING ZONE LOCKOUT, ECONOMIZER DEFAULT DETECTION, AND AUXILIARY HEAT USE VISUAL INDICATION	PROGRAMMABLE CONTROL PANEL W/ HEATING/COOLING ZONE LOCKOUT, ECONOMIZER DEFAULT DETECTION, AND AUXILIARY HEAT USE VISUAL INDICATION	PROGRAMMABLE CONTROL PANEL W/ HEATING/COOLING ZONE LOCKOUT, ECONOMIZER DEFAULT DETECTION, AND AUXILIARY HEAT USE VISUAL INDICATION

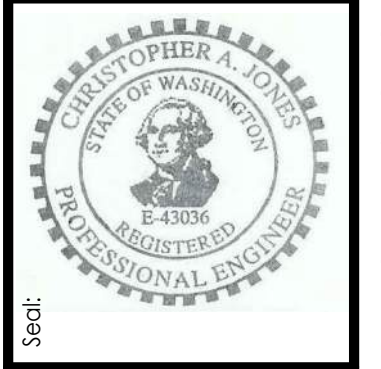
- NOTES: 1. MECHANICAL CONTRACTOR IS TO PROVIDE ALL CONTROLLERS, PANELS, RELAYS, ETC. AS REQUIRED FOR OPERATION OF UNITS  
 2. CONTACT KRAG MERCER WITH LENNOX COMMERCIAL PRODUCT APPLICATIONS @ (972) 497-7738 FOR ADDITIONAL INFORMATION



City of Puyallup  
 Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

Est. 1949 -  
**CAFARO**  
 Commercial & Industrial Real Estate Developers  
 5577 Youngtown - Warren Road  
 Phone: 330.747.2641



Architect:  
**IRIP**  
**RICK PARTIKA, AIA**  
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 Niles, Ohio 44446  
 Email: rpartika@riprocompany.com

Revision No.	Issued By	Date	Description
1	CAJ	7-1-2024	Issue

Sheet Title:  
**ROOF PLAN - MECHANICAL**

Project Information:  
**BARNES & NOBLE**  
 SOUTH HILL MALL - UNIT #800  
 PUYALLUP, WASHINGTON

Project No.:	62-800
Date:	6-12-24
Drawn By:	KAV
Checked By:	CAJ

**M-300**

1 Roof Plan - Mechanical  
 SCALE: 1/16" = 1'-0"

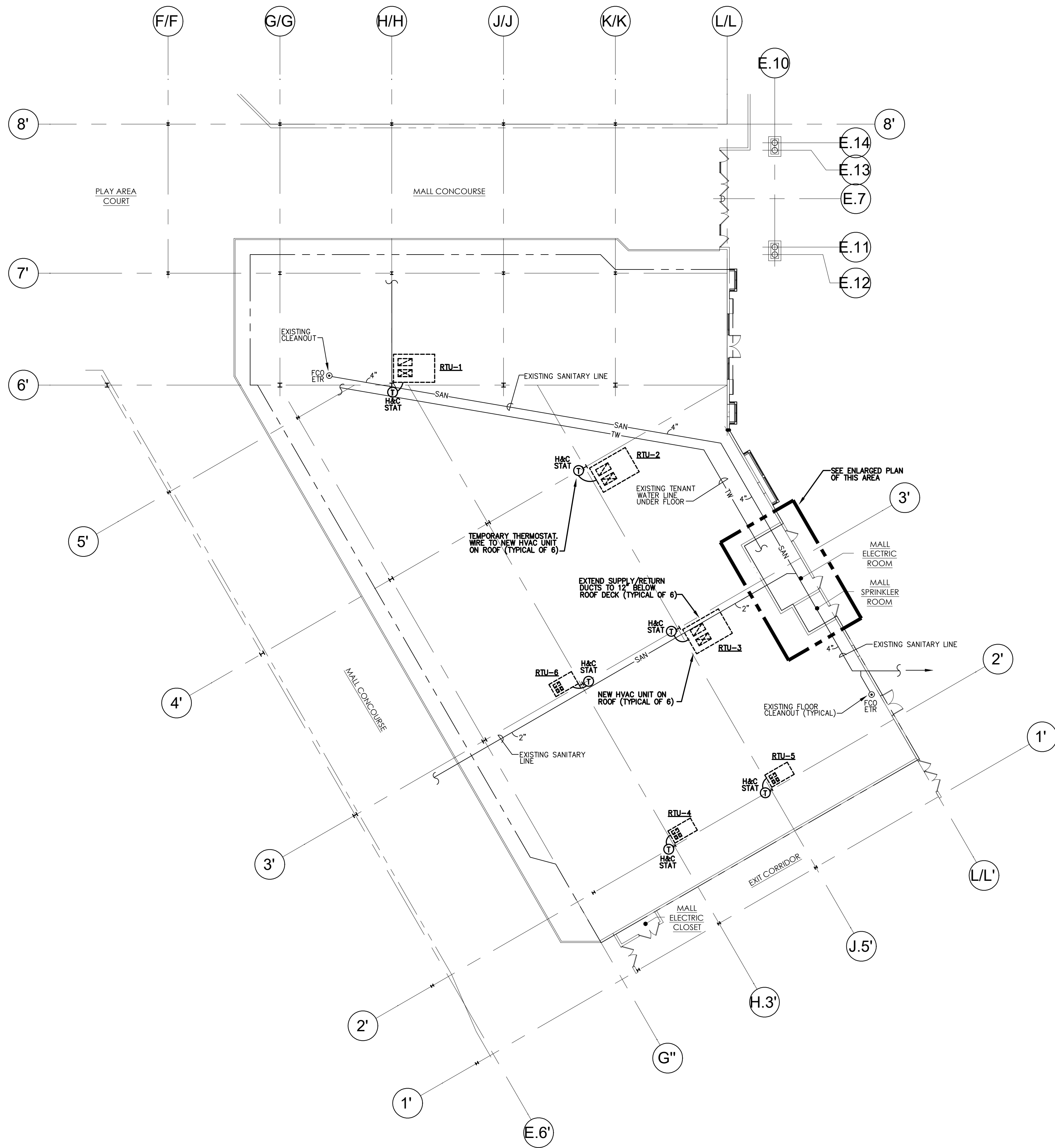
THE INFORMATION CONTAINED ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF THE LANDLORD. THE USE OF ANY PORTIONS OF THIS DRAWING OR DESIGN FOR PURPOSES OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE LANDLORD AND ITS ARCHITECT.

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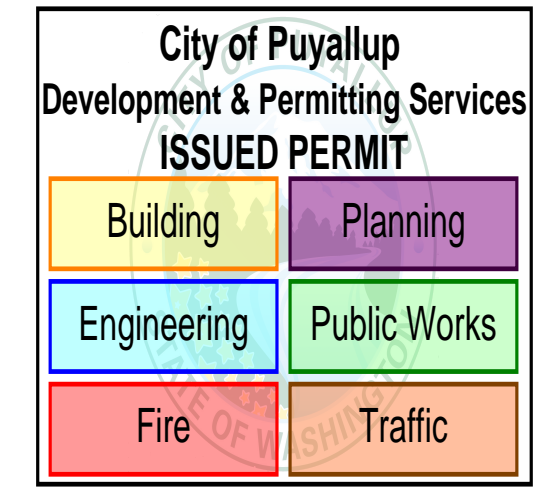
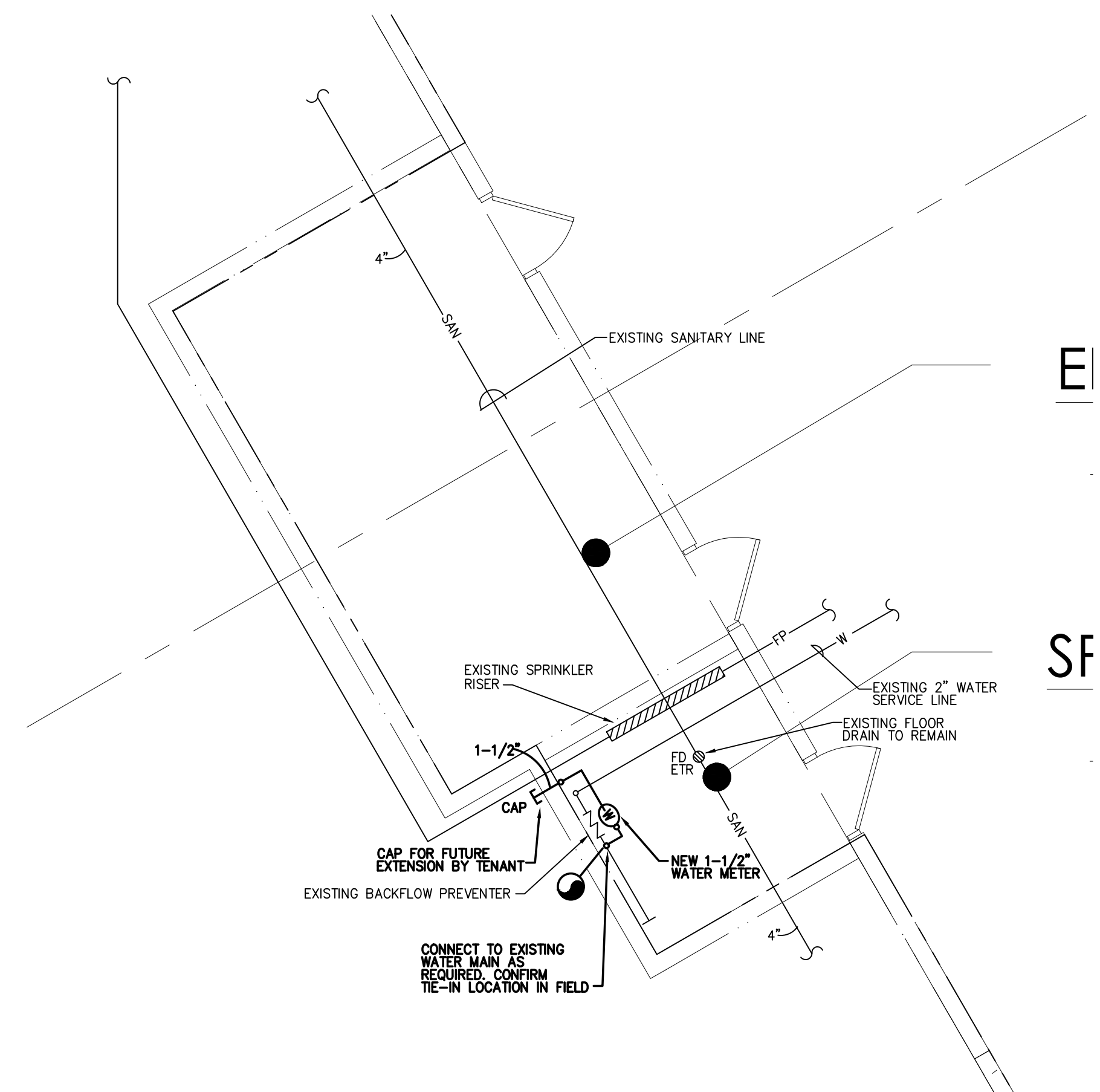


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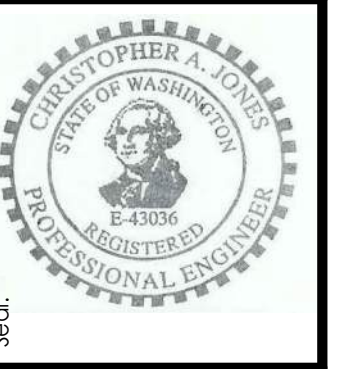
1 Floor Plan - Mechanical/Plumbing  
MP-100 SCALE: 1/16" = 1'-0"



2 Enlarged Partial Floor Plan - Plumbing  
MP-100 SCALE: 1/4" = 1'-0"



City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**



Architect:  
**IRIP**  
RICK PARTIKA, AIA  
5577 Youngtown - Warren Road  
Niles, Ohio 44446  
Phone: 330-472-6601  
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Revision No.	Description	Date	Issued By
1	Issued Final	7-1-2024	CAJ

Sheet Title:  
**FLOOR PLAN - MECHANICAL/PLUMBING**  
PRCTI20241136

Project Information:  
**BARNES & NOBLE**  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

Project No.: 62-800  
Date: 6-12-24  
Drawn By: KAV  
Checked By: CAJ

**MP-100**

Developed: - Est. 1949 -  
**CAFARO**  
Commercial & Industrial Real Estate Developers  
5577 Youngtown - Warren Road  
Niles, Ohio 44446  
Phone: 330-472-6601

THE INFORMATION CONTAINED ON THIS DRAWING IS THE EXCLUSIVE PROPERTY OF THE LANDLORD. THE USE OF ANY PORTIONS OF THIS DRAWING OR DESIGN FOR PURPOSES OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE LANDLORD AND ITS ARCHITECT.



GENERAL NOTES

BUILDING CODE
THE 2021 EDITION OF THE 'INTERNATIONAL BUILDING CODE' (IBC), AS ADOPTED OR AMENDED BY THE LOCAL BUILDING OFFICIAL OR JURISDICTION, SHALL GOVERN DESIGN AND CONSTRUCTION.
ENGINEER
THE TERM 'ENGINEER', 'EOR', AND/OR 'SE' AS USED IN THESE STRUCTURAL DOCUMENTS SHALL MEAN BRIENEN STRUCTURAL ENGINEERS, P.S.
REFERENCE STANDARDS
ALL WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE REFERENCE STANDARDS AND CODES INDICATED IN THE DRAWINGS UNLESS NOTED OTHERWISE.
PRIME CONTRACT DRAWINGS
THE ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS.
OMISSIONS/CONFLICTS
CONTRACTOR SHALL VERIFY ALL DIMENSIONS, FLOOR ELEVATIONS, DEPRESSIONS, FINISHES, STAIR DETAILS, GUARDRAILS, AND ETC. WITH OTHER DISCIPLINES INCLUDING ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND CIVIL DRAWINGS.
TYPICAL DETAILS
TYPICAL DETAILS SHOWN ON THE DRAWINGS SHALL APPLY UNLESS NOTED OTHERWISE.
SUBSTITUTIONS
THE CONTRACTOR SHALL SUBMIT ALL SUBSTITUTION REQUESTS (MATERIAL, PROCEDURE, CONFIGURATION, AND/OR DETAIL) TO THE CONSTRUCTION MANAGER PRIOR TO SHOP DRAWING PRODUCTION.
SPECIFICATIONS
REFER TO THE SPECIFICATIONS FOR INFORMATION IN ADDITION TO THESE NOTES AND THE STRUCTURAL DRAWINGS.
CONSTRUCTION MEANS AND METHODS AND SAFETY
CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS/METHODS AND FOR VERIFYING STRUCTURAL CAPACITY PRIOR TO APPLYING CONSTRUCTION LOADING.
CONTRACTOR PROVIDED DESIGN SUBMITTALS
THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE ITEMS NOTED IN THE DEFERRED SUBMITTALS SECTION OF THE GENERAL NOTES.
STRUCTURAL OBSERVATION
THE ENGINEER WILL PERFORM PERIODIC OBSERVATION DURING CONSTRUCTION OF THE FOUNDATION AND STRUCTURAL FRAME AS REQUIRED BY THE BUILDING CODE.

GEOTECHNICAL

THE GEOTECHNICAL SHOWN ON THE ORIGINAL CONSTRUCTION DRAWINGS, SHEET S0.1, DATED 12/08/1987, WAS USED FOR DESIGN.
ALLOWABLE BEARING PRESSURE = 3500 PSF (DEAD + LIVE);
A 1/3 INCREASE IS ALLOWED FOR WIND OR SEISMIC
CAST FOOTINGS ON FIRM UNDISTRIBUTED SOIL OR COMPACTED FILL 1'-6" MINIMUM BELOW FINISHED GRADE.

SUBMITTALS

- SHOP DRAWINGS AND MATERIAL SUBMITTALS FOR THE ITEMS SHOWN BELOW SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER PRIOR TO FABRICATION OR CONSTRUCTION.
1. CONTRACTOR QUALITY CONTROL TESTING PROCEDURES
2. CONCRETE MIX DESIGNS
3. REINFORCING STEEL SHOP DRAWINGS AND PLACING PLANS
4. REINFORCING STEEL MILL CERTIFICATES SHALL BE AVAILABLE UPON REQUEST
5. FABRICATION SHOP AISC CERTIFICATION
6. STRUCTURAL STEEL MILL CERTIFICATES SHALL BE AVAILABLE UPON REQUEST
7. STRUCTURAL STEEL SHOP AND ERECTION DRAWINGS
8. WELDING PROCEDURES
9. METAL DECK MATERIAL AND LAYOUT SUBMITTAL
10. ROOF RTU ROUGH OPENING LAYOUT FULLY DIMENSIONED
11. ROOF RTU CURB LAYOUT FULLY DIMENSIONED WITH REACTIONS
12. DEFERRED SUBMITTALS SHOWN BELOW

DEFERRED SUBMITTALS

GENERAL
DESIGN DRAWINGS, CALCULATIONS, AND SHOP DRAWINGS, FOR ITEMS THAT ARE DESIGNED BY OTHERS SHALL BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE BUILDING WILL BE CONSTRUCTED, AND SUBMITTED TO THE ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING OFFICIAL, PRIOR TO FABRICATION.
INTERIOR METAL STUD FRAMING (PE ONLY IF REQUIRED BY ARCHITECT)
INTERIOR METAL STUD FRAMING SHALL MEET THE FOLLOWING DEFLECTION LIMITS UNLESS MORE STRINGENT CRITERIA IS SPECIFIED BY THE ARCHITECT:
1. BRITTLE FINISHES = L/600
2. FLEXIBLE FINISHES = L/360
3. MAX STUD SPACING = 24-INCHES OC
EQUIPMENT ANCHORAGES AND BRACING (PE)
ELECTRICAL, MECHANICAL, AND MECHANICAL CURBS DESIGN AND ANCHORAGE TO THE PRIMARY STRUCTURE SHALL BE DESIGNED BY THE CONTRACTOR'S LICENSED DESIGN PROFESSIONAL.
SIGNS AND AWNINGS (PE)
SIGNS, AWNINGS, AND THEIR CONNECTIONS TO THE PRIMARY STRUCTURE SHALL BE DESIGNED BY THE CONTRACTOR'S LICENSED DESIGN PROFESSIONAL AND UTILIZE THE ATTACHMENT POINTS SHOWN IN THE STRUCTURAL DRAWINGS WITHOUT MODIFICATION.

DESIGN CRITERIA

BUILDING CATEGORY
STRUCTURAL RISK CATEGORY III
IMPORTANCE FACTOR SNOW ----- Is = 1.0
IMPORTANCE FACTOR SEISMIC ----- Ie = 1.0
GRAVITY LOADS
ROOF = 25 PSF SNOW PLUS MECHANICAL UNITS
SEISMIC LOADS
SITE CLASS = D (DEFAULT)
SEISMIC DESIGN CATEGORY = D
MAPPED SPECTRAL RESPONSE PARAMETERS
Ss = 1.263 g S1 = 0.436 g
Sds = 1.01 g Sd1 = N/A
WIND LOADS
EXPOSURE CATEGORY = B
BASIC WIND SPEED = 104 MPH
Kz1 = 1.0
COMPONENT AND CLADDING WIND PRESSURE
COMPONENTS & CLADDING LOADS (PSF)
ZONE 1: -27.6/+16.0
ZONE 2: -36.4/+16.0
ZONE 3: -49.6/+16.0
ZONE 4: -17.2/+16.0
ZONE 5: -21.2/+16.0
PARAPET C&C LOADS (TOTAL, PSF)
ZONE 4: 52.4
ZONE 5: 65.6
TYPICAL PLAN AT ROOF (NO OVERHANG)
TYPICAL ELEVATION

- NOTES:
1. WIND LOADS FOR COMPONENT AND CLADDING ARE STRENGTH LEVEL AND DETERMINED IN ACCORDANCE WITH ASCE 7-16, CHAPTER 30.
2. EXTERIOR COMPONENTS AND CLADDING SHALL BE DESIGNED TO ACCOMMODATE WORST-CASE WIND LOAD SHOWN.
3. POSITIVE PRESSURE ACTS TOWARDS THE SURFACE OF THE STRUCTURE. NEGATIVE PRESSURE ACTS OUTWARD AS SUCTION ON THE BUILDING SURFACE.
4. PRESSURE ARE CALCULATED USING MINIMUM EFFECTIVE AREA OF 10 sf. FOR ROOF AREAS GREATER THAN 10 sf EXCEPT AT OVERHANGS, NEGATIVE PRESSURE MAY BE REDUCED AS FOLLOWS:
20 sf < AREA < 50 sf 5% REDUCTION
50 sf < AREA < 80 sf 12% REDUCTION
80 sf < AREA < 200 sf 16% REDUCTION
200 sf < AREA 20% REDUCTION
FOR ALL OVERHANGS, NO WIND LOAD MAY BE REDUCED. FOR WALL AREAS AND PARAPET AREAS GREATER THAN 10 sf, POSITIVE PRESSURE MAY BE REDUCED AS FOLLOWS:
20 sf < AREA < 50 sf 5% REDUCTION
50 sf < AREA < 80 sf 12% REDUCTION
80 sf < AREA < 200 sf 16% REDUCTION
200 sf < AREA 20% REDUCTION
FOR WALL AREAS AND PARAPET AREAS GREATER THAN 10 sf, NEGATIVE PRESSURE MAY BE REDUCED AS FOLLOWS:
20 sf < AREA < 50 sf 3% REDUCTION
50 sf < AREA < 80 sf 8% REDUCTION
80 sf < AREA < 200 sf 10% REDUCTION
200 sf < AREA 15% REDUCTION
5. EDGE PRESSURE SHALL BE USED FOR A DISTANCE 'a' FROM THE BUILDING CORNERS, WHERE 'a' IS THE SMALLER OF 10% OF THE LEAST HORIZONTAL DIMENSION OR 0.4'h BUT NOT LESS THAN EITHER 4% OF THE LEAST HORIZONTAL DIMENSION OR 3'-0".
6. NET PRESSURE ON THE PARAPETS SHALL BE AS SHOWN ABOVE. ATTACHMENTS TO THE INTERIOR SIDE OF THE PARAPETS SHALL BE DESIGNED TO ACCOMMODATE NEGATIVE PRESSURE OF THE ADJACENT ROOF.

COLD-FORMED STEEL

- 1. ALL STUDS SHALL FULLY BEAR ON BOTTOM TRACK - SHIM WHERE NECESSARY. WEB STIFFENERS ARE NOT REQUIRED UNLESS OTHERWISE SPECIFIED.
2. TOP/BOTTOM TRACK PENETRATIONS OR FLANGE CLIPS UP TO 2/3(TRACK WIDTH) ARE STRUCTURALLY ACCEPTABLE 16" CLEAR FROM ANY JAMB STUDS - ADD ANCHOR ON EITHER SIDE OF OPENING IF ANCHOR IS INTERRUPTED.
3. WALL STUDS, CRIPPLE STUDS, JAMBS, HEADERS AND SILLS SHALL NOT BE SPLICED.
4. ALL COLD-FORMED STEEL STUDS, TRACKS AND LIGHT GAGE ANGLES SHALL CONFORM TO ASTM A653 GRADE 33 (Fy=33KSI) FOR 43 MILS AND LIGHTER MEMBERS AND ASTM 853 SS GRADE 33 (Fy=33KSI) FOR 43 MILS AND LIGHTER MEMBERS.
5. SHOTPIES SHALL BE ONE OF THE FOLLOWINGS UNLESS NOTED OTHERWISE:
a. HILTI X-UP W/POWDER-ACTUATED FASTENERS (PAF), EMBEDDED 3/4" INTO CONCRETE. INSTALL FASTENERS PER REQUIREMENTS FROM ICC-ES REPORT ESR-2269 AND ALL MANUFACTURER RECOMMENDATIONS.
b. HILTI X-GHP GAS-ACTUATED FASTENERS, EMBEDDED 5/8" INTO CONCRETE. INSTALL FASTENERS PER REQUIREMENTS FROM ICC-ES REPORT ESR-1752 AND ALL MANUFACTURER RECOMMENDATIONS. DO NOT CONFUSE WITH X-P PAF (SEE ABOVE).
c. ESR-1752 AND ALL MANUFACTURER RECOMMENDATIONS.
d. HILTI X-P B3 ELECTROMECHANICAL-DRIVEN FASTENERS, EMBEDDED 5/8" INTO CONCRETE. INSTALL FASTENERS PER REQUIREMENTS FROM ICC-ES REPORT ESR-1752 AND ALL MANUFACTURER RECOMMENDATIONS. DO NOT CONFUSE WITH X-P PAF (SEE ABOVE).
6. FOR ALL SHOTPIES UNLESS NOTED OTHERWISE:
a. MINIMUM SPACING IN CONCRETE SHALL BE 4" OC.
b. MINIMUM EDGE DISTANCE IN CONCRETE SHALL BE 3".
c. MINIMUM SPACING IN STEEL SHALL BE 1 1/2" OC.
d. MINIMUM EDGE DISTANCE IN STEEL SHALL BE 1/2".
e. SHOTPIES INSTALLED IN STRUCTURAL STEEL SHALL BE DRIVEN TO WHERE THE POINT OF THE FASTENER PENETRATES THE STEEL BASE MATERIAL.
7. CONCRETE SCREWS SHALL BE HILTI KH-EZ OR SIMPSON STRONG-TIE TITEN HD. SEE DETAILS FOR REQUIRED EMBEDMENTS. ALL DRILLING IN CONCRETE SHALL CONFORM TO REQUIREMENTS BY BUILDING ENGINEERING OF RECORD. DO NOT DAMAGE REINFORCING.
8. SHEET-METAL SCREWS (SMS) SHALL BE SELF-TAPPING, SELF-DRILLING FASTENERS IN COMPLIANCE WITH ASTM C1513 AND SHALL HAVE A TYPE I COATING IN ACCORDANCE WITH ASTM B663.
9. ANCHOR TOP TRACKS AND BOTTOM TRACKS TO SUPPORTING STRUCTURE PER DETAILS.
10. IT IS STRUCTURALLY ACCEPTABLE TO USE A THICKER FRAMING MEMBER PROVIDED THE WEB SIZE REMAINS UNCHANGED AND FLANGE SIZE REMAINS UNCHANGED OR IS INCREASED.

STEEL

SHOP DRAWINGS
ALL WORK SHALL CONFORM TO THE AISC SPECIFICATIONS. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER, AND BE APPROVED, PRIOR TO COMMENCING FABRICATION. ALL STEEL BEAMS ARE EQUALLY SPACED BETWEEN DIMENSION POINTS AND/OR GRID LINES UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE THE USE OF TYPICAL DETAILS AND THE SELECTION OF OPTIONAL DETAILS SHOWN ON THE DRAWINGS.
EXPOSED STRUCTURAL STEEL
ALL MEMBERS EXPOSED TO EARTH OR WEATHER AND NOT DESIGNATED BY THE STRUCTURAL OR ARCHITECTURAL DRAWINGS AS (AESS) SHALL BE HOT DIPPED GALVANIZED AND CONFORM TO ASTM A123, A36, AND A365. FIELD AND SHOP WELDS SHALL BE FULLY BROUGHT BACK UP TO AISC SPECIFICATIONS PRIOR TO GALVANIZING OR TOUCH-UP GALVANIZING.
NON-EXPOSED STRUCTURAL STEEL
STRUCTURAL STEEL THAT IS NOT EXPOSED TO EARTH OR WEATHER OR DESIGNATED AS (AESS) SHALL BE UNPAINTED, CLEAN OF LOOSE RUST, LOOSE MILL SCALE, GREASE, OIL, AND MEET THE REQUIREMENTS OF SSPC-SP1.
MATERIAL
STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS UNLESS NOTED OTHERWISE ON PLANS:
WIDE FLANGE (W) AND (WT) SHAPES: ASTM A992, Fy = 50 KSI
PLATES, ANGLES AND CHANNELS UNO: ASTM A36, Fy = 36 KSI
TUBE STEEL (HSS): ASTM A500, GRADE B, Fy = 48 KSI
PIPE 12" OR LESS IN DIAMETER: ASTM A53, GRADE B, TYPE E OR S, Fy = 35 KSI
HIGH STRENGTH BOLTS UNO: ASTM A325, F1852
MACHINE BOLTS (MB): ASTM A307, GRADE A
NUTS: ASTM A563
WASHERS, FLAT OR BEVELED: ASTM F438
ANCHOR BOLTS UNO: ASTM F1554, GRADE 36
THREADED RODS UNO: ASTM A36, Fy = 36 KSI
WELDING
ALL STRUCTURAL STEEL WELDING SHALL CONFORM TO AWS D1.1.
WELDER CERTIFICATION
ALL WELDING SHALL BE PERFORMED BY AWSWABO CERTIFIED WELDERS AND IN ACCORDANCE WITH AWS D1.1.
WELD FILLER MATERIAL
ALL WELD FILLER METAL INCLUDING SHALL BE COMPATIBLE. ALL WELD FILLER METAL AND PROCESS SHALL PROVIDE TENSILE STRENGTH CHARPY V-NOTCH RATING AS FOLLOWS:
WELD MATERIAL FOR GRAVITY MEMBERS
WELD TYPE FILLER MATERIAL CVN RATING
FILLET 70 KSI NONE
PARTIAL PENETRATION 70 KSI NONE
INSPECTION
ALL WELDS SHALL BE INSPECTED AS REQUIRED IN THE 'STATEMENT OF SPECIAL INSPECTION' OF THESE GENERAL NOTES. ALL FULL PENETRATION WELDS SHALL BE ULTRASONIC TESTED EXCEPT PLATE LESS THAN 1/4-INCH SHALL BE MAGNETIC PARTICLE TESTED. REDUCTION IN TESTING MAY BE MADE IN ACCORDANCE WITH THE BUILDING CODE AND APPROVAL OF THE ENGINEER AND BUILDING OFFICIAL.

METAL ROOF DECK

STEEL ROOF DECK
STEEL DECK TYPES SHALL BE VERO TYPE W, ASC TYPE W, OR APPROVED EQUAL. PERMITTED.

CONCRETE

MATERIAL
MATERIAL SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS UNLESS NOTED OTHERWISE ON PLANS:
CEMENT: ASTM C150, C595
AGGREGATES: ASTM C33
ADMIXTURES: ASTM C260, C494, C1017
WATER: ASTM C91
FLY ASH: ASTM C618, CLASS F OR C
REINFORCING STEEL UNO: ASTM A615, Fy = 60KSI
WELDED WIRE REINFORCEMENT: ASTM A185
AIR CONTENT
SPECIFIED VALUES ARE TOTAL AIR INCLUDING ENTRAPPED AND ENTRAINED. TOLERANCE FOR AIR CONTENT SHALL BE + OR - 1 1/2% TESTING SHALL CONFORM TO ASTM C231, AND THE AVERAGE OF ALL TESTS TAKEN SHALL EQUAL OR EXCEED THE SPECIFIED VALUE. TESTING SHALL BE PERFORMED PRIOR TO ENTERING THE PUMP HOPPER.

MIX DESIGN TABLE
LOCATION: FOOTINGS
MAX W/C RATIO: 0.50
MIN PCY FLYASH: 0
ASTM AGGREGATE GRADING: 57 OR 67
fc MIX DESIGN STRENGTH (PSI): 3000 @ 28 DAYS
MIX NOTES: 1

MIX NOTES:
1. DESIGN OF STRUCTURAL ELEMENTS IS BASED ON fc = 2500 PSI. HIGHER SPECIFIED fc FOR MIX DESIGN STRENGTH IS FOR DURABILITY.

WEATHER CONDITIONS
CONTRACTOR SHALL MAKE APPROPRIATE MODIFICATIONS TO MIXING, TRANSPORTING, PLACING, AND CURING PROCEDURES DURING PERIODS OF HOT, COLD, OR WINDY WEATHER IN ACCORDANCE WITH ACI 301.

PENETRATING SEALER
APPLY A SILANE SEALER WITH 40% SOLIDS CONTENT TO ALL SLABS AND TOPPING SLABS PERMANENTLY EXPOSED TO WEATHER. APPLY SEALER ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. USE LOW PRESSURE SPRAY, ROLLER, OR BRUSH APPLICATORS.

CONSTRUCTION JOINTS
THE INTERFACE OF ALL CONSTRUCTION JOINTS SHALL BE INTENTIONALLY ROUGHEN TO AN AMPLITUDE OF 1/4". SURFACES SHALL BE CLEANED, LAITANCE SHALL BE REMOVED, IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, ALL SURFACES SHALL BE WETTED AND STANDING WATER REMOVED.

REINFORCING DEVELOPMENT AND LAP SPLICES
REINFORCING SHALL BE DEVELOPED INTO A COLUMN OR WALL Ld UNO. WHERE 12" OR MORE OF CONCRETE IS CAST BELOW Ld SHALL BE USED. WHERE STRAIGHT BAR DEVELOPMENT IS NOT POSSIBLE TERMINATE REINFORCING WITH A STANDARD HOOK NOT LESS THAN 3-INCHES FROM THE FAR END OF MEMBER.

LAP SPLICED REINFORCING AS REQUIRED Ls. WHERE 12" OR MORE OF CONCRETE IS CAST BELOW Ls SHALL BE USED.

2500 PSI CONCRETE DEVELOPMENT AND SPLICE LENGTH TABLE
REBAR SIZE: #4, #5, #6
Ld, Ldt, Ls, Lst, Lsc

SCOPE OF WORK

THE PURPOSE OF THIS STRUCTURAL DESIGN IS TO REVIEW THE ADEQUACY OF THE EXISTING BUILDING TO RECEIVE NEW ROOF TOP UNITS AND ARCHITECTURAL FACIA AT THE STOREFRONT. THE ADDITION OF ONE 3FT EXTERIOR DOOR IS ASSUMED TO NOT SIGNIFICANTLY IMPACT THE LATERAL CAPACITY OF THE BUILDING.
City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building Planning
Engineering Public Works
Fire Traffic
1316 Central Ave. S., Suite 200
Kent, WA 98032
(206) 397-0000 - www.bse-ps.com

STATEMENT OF SPECIAL INSPECTIONS

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED PER THE REQUIREMENTS OF IBC SECTION 1704 AND AS NOTED HEREIN.

CONCRETE

Table with columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes inspection items for anchors and mechanical anchors.

STEEL CONSTRUCTION

Table with columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes inspection items for high-strength bolting, structural steel, and weld filler materials.

STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL

Table with columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes inspection items for steel deck and composite construction.

COLD-FORMED STEEL FRAMING

Table with columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes inspection items for roof and wall cladding and non-load bearing walls.

FIRE-RESISTANT MATERIALS

Table with columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes inspection items for sprayed fire-resistant materials and intumescent coatings.

SPECIAL INSPECTION OF PLUMBING, ELECTRICAL AND MECHANICAL COMPONENTS PER IBC 1705.13.6 WHERE APPLICABLE.
\* C \* DENOTES CONTINUOUS INSPECTION
\* P \* DENOTES PERIODIC INSPECTION
TESTING AND SPECIAL INSPECTION REPORTS SHALL BE PREPARED FOR EACH INSPECTION ITEM ON A DAILY BASIS WHENEVER WORK IS PERFORMED ON THAT ITEM. REPORTS SHALL BE DISTRIBUTED TO OWNER, CONTRACTOR, BUILDING OFFICIAL, ARCHITECT AND STRUCTURAL ENGINEER.
SPECIAL INSPECTOR SHALL CLEARLY NOTE ON THE INSPECTION REPORTS WHEN AN ITEM IS NOT IN CONFORMANCE WITH THE PLANS AND SPECIFICATION, AND KEEP A LOG OF EACH ITEM UNTIL THEY ARE CLEARED VIA RFI OR OTHER MEANS.
SPECIAL INSPECTOR SHALL PROVIDE A STRUCTURAL CLOSE OUT LETTER AT THE END OF THE PROJECT. THIS LETTER SHALL CONFIRM THAT ALL STRUCTURAL NON-COMPLIANCES NOTED IN INSPECTION REPORTS HAVE BEEN CLEARED AND THAT TO THE BEST OF THEIR KNOWLEDGE THERE ARE NO OUTSTANDING STRUCTURAL DEFICIENCIES TO BE RESOLVED.
STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD OR DESIGNATED REPRESENTATIVE IN ACCORDANCE WITH IBC 1704.6.
STRUCTURAL OBSERVATION SHALL BE PERFORMED AS FOLLOWS:
- PERIODIC VISUAL OBSERVATION OF STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES.
- REVIEW OF TESTING AND INSPECTION REPORTS.
- REPORTS SHALL BE PREPARED FOR EACH SITE VISIT AND SHALL BE DISTRIBUTED TO ARCHITECT.
GENERAL CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL INCLUDE ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

BSE Brienen Structural Engineers
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Kent, WA 98032
(206) 397-0000 - www.bse-ps.com

City of Puyallup
Development & Permitting Services
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Engineering Public Works
Fire Traffic

STATEMENT OF SPECIAL INSPECTIONS
SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED PER THE REQUIREMENTS OF IBC SECTION 1704 AND AS NOTED HEREIN.

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COLD-FORMED STEEL FRAMING

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FIRE-RESISTANT MATERIALS

Table with columns: VERIFICATION AND INSPECTION, C, P, REFERENCED STANDARD, NOTES. Includes inspection items for sprayed fire-resistant materials and intumescent coatings.

SPECIAL INSPECTION OF PLUMBING, ELECTRICAL AND MECHANICAL COMPONENTS PER IBC 1705.13.6 WHERE APPLICABLE.
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TESTING AND SPECIAL INSPECTION REPORTS SHALL BE PREPARED FOR EACH INSPECTION ITEM ON A DAILY BASIS WHENEVER WORK IS PERFORMED ON THAT ITEM. REPORTS SHALL BE DISTRIBUTED TO OWNER, CONTRACTOR, BUILDING OFFICIAL, ARCHITECT AND STRUCTURAL ENGINEER.
SPECIAL INSPECTOR SHALL CLEARLY NOTE ON THE INSPECTION REPORTS WHEN AN ITEM IS NOT IN CONFORMANCE WITH THE PLANS AND SPECIFICATION, AND KEEP A LOG OF EACH ITEM UNTIL THEY ARE CLEARED VIA RFI OR OTHER MEANS.
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STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD OR DESIGNATED REPRESENTATIVE IN ACCORDANCE WITH IBC 1704.6.
STRUCTURAL OBSERVATION SHALL BE PERFORMED AS FOLLOWS:
- PERIODIC VISUAL OBSERVATION OF STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES.
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- REPORTS SHALL BE PREPARED FOR EACH SITE VISIT AND SHALL BE DISTRIBUTED TO ARCHITECT.
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City of Puyallup  
Development & Permitting Services  
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Engineering	Public Works
Fire	Traffic

# BSE

Brien  
Structural  
Engineers

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Revision No.	Description	Date	Issued By
07-01-24	Issued Final		

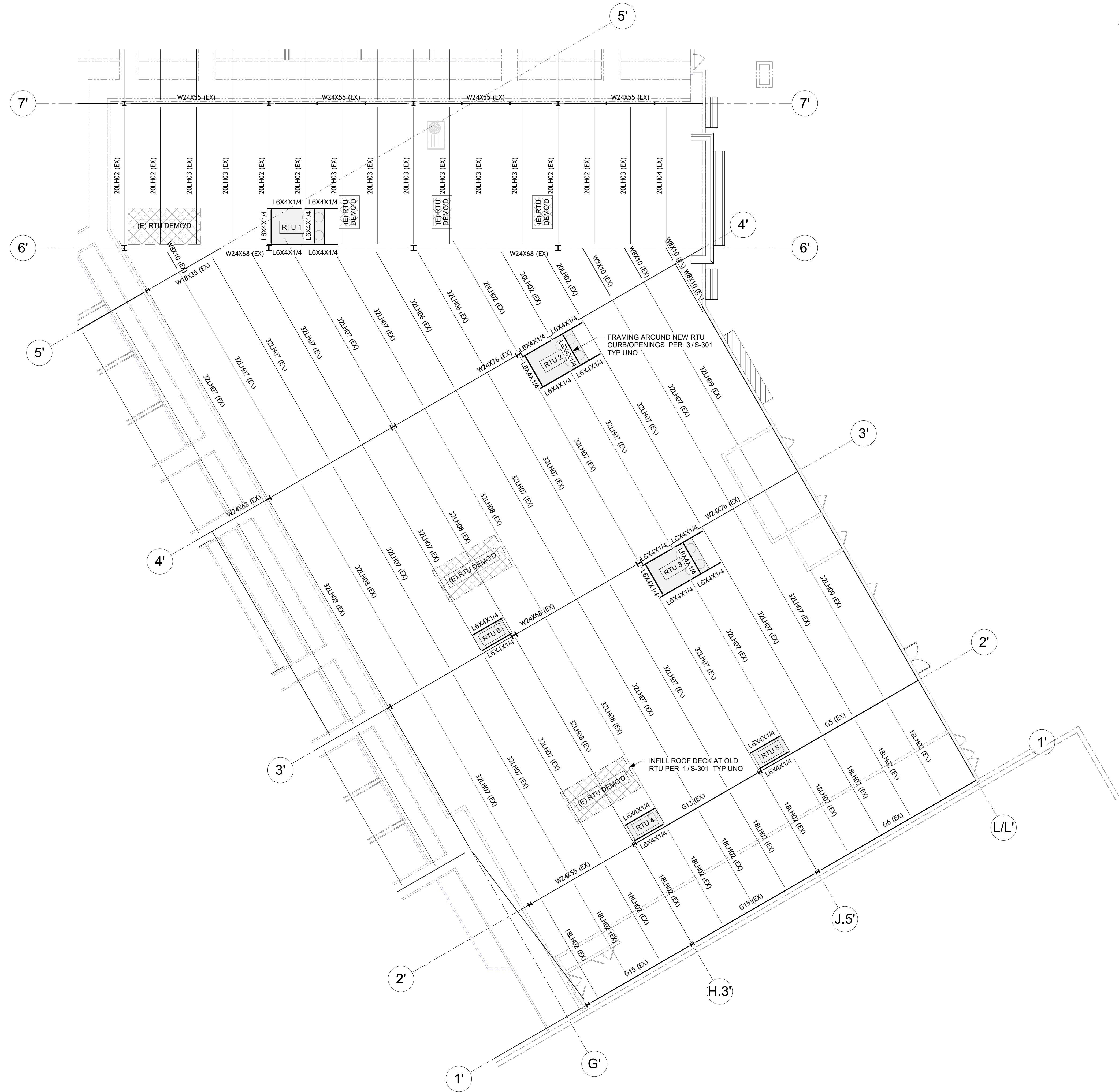
Sheet Title:  
ROOF FRAMING PLAN

Project Information:  
BARNES & NOBLE  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

Project No.: 62-800  
Date: 07/01/2024  
Drawn By: BJB  
Checked By: SCI

PRCT120241136

S-300

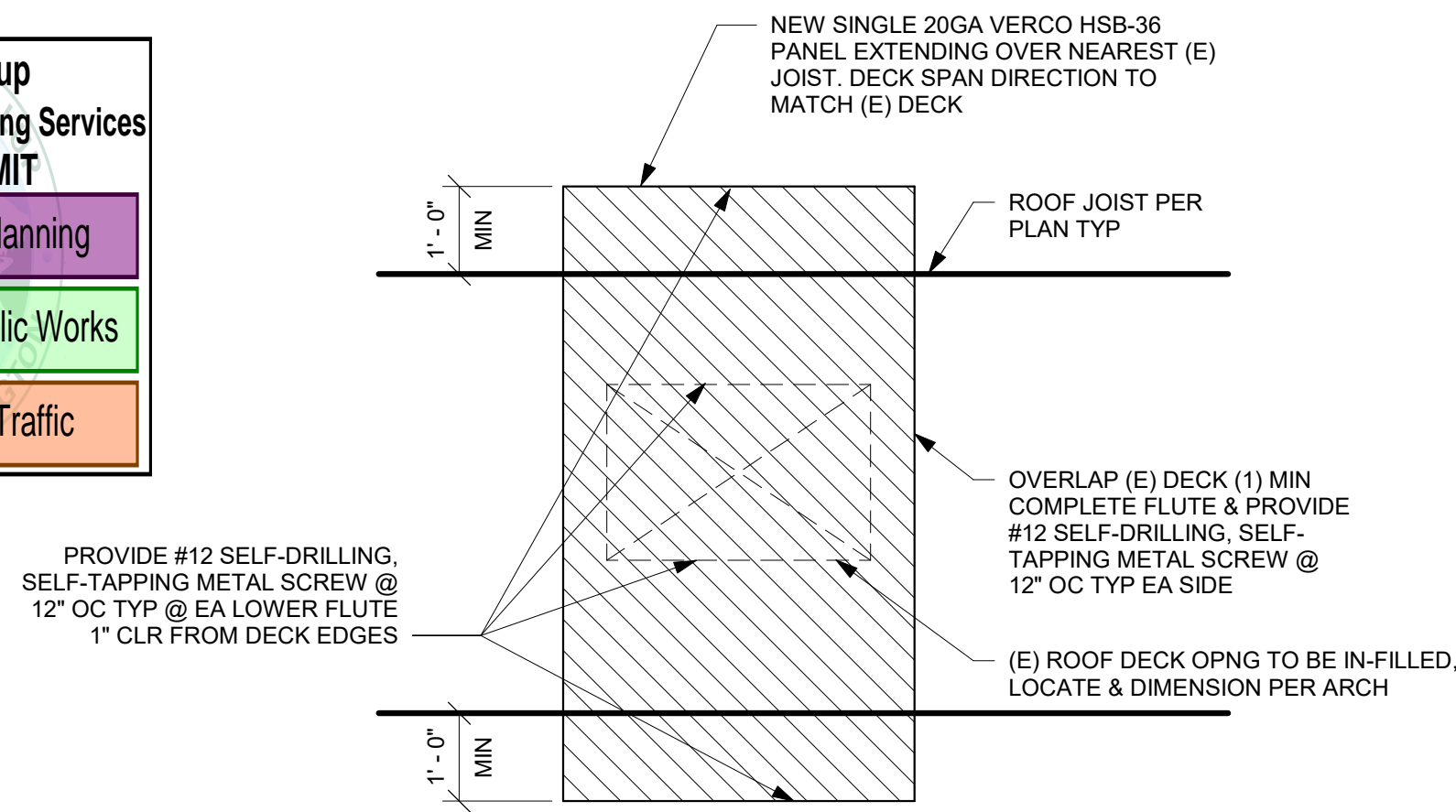


1 ROOF FRAMING PLAN (REFERENCE 1/A-300)  
3/32" = 1'-0"

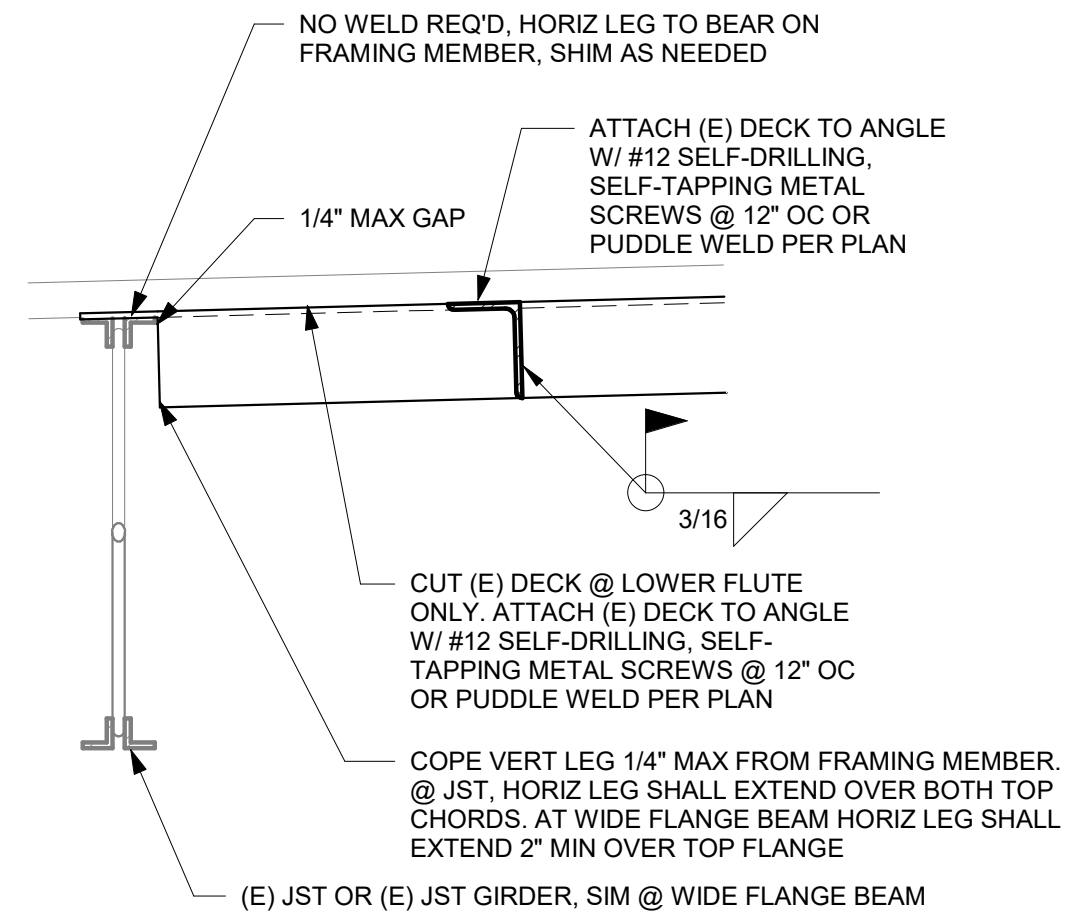


**City of Puyallup**  
Development & Permitting Services  
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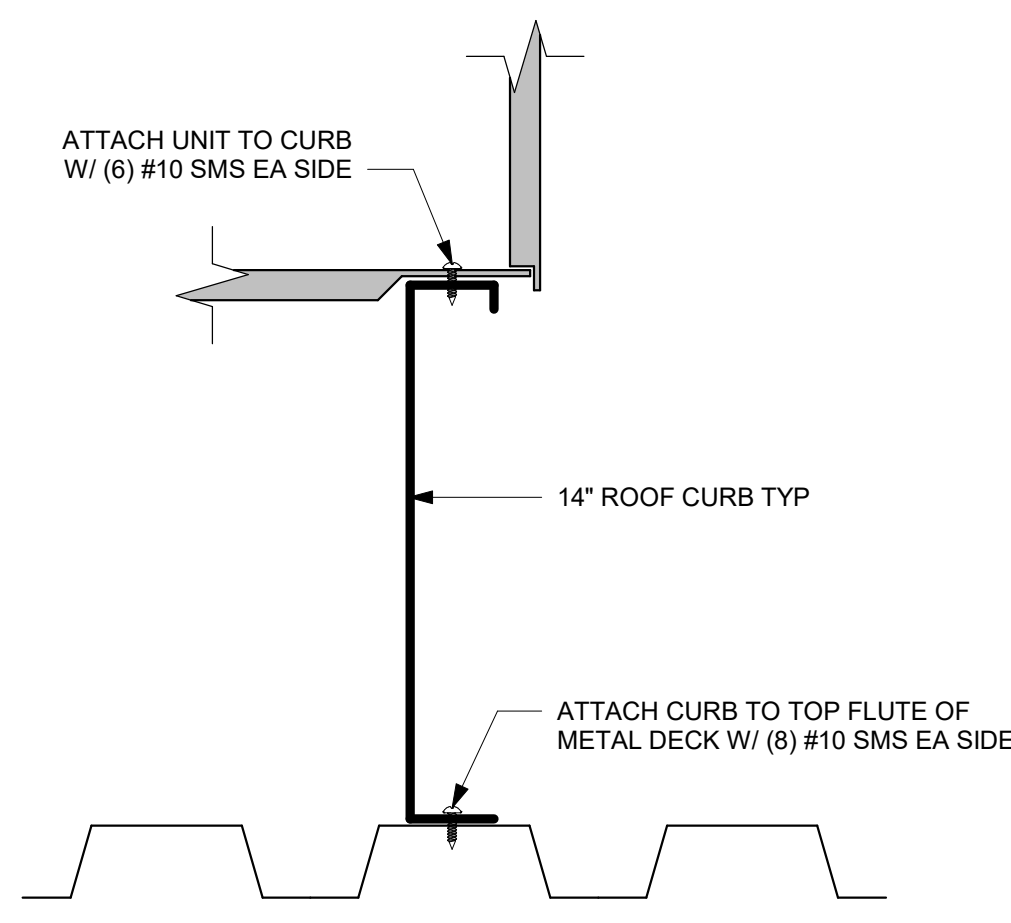
Building	Planning
Engineering	Public Works
Fire	Traffic



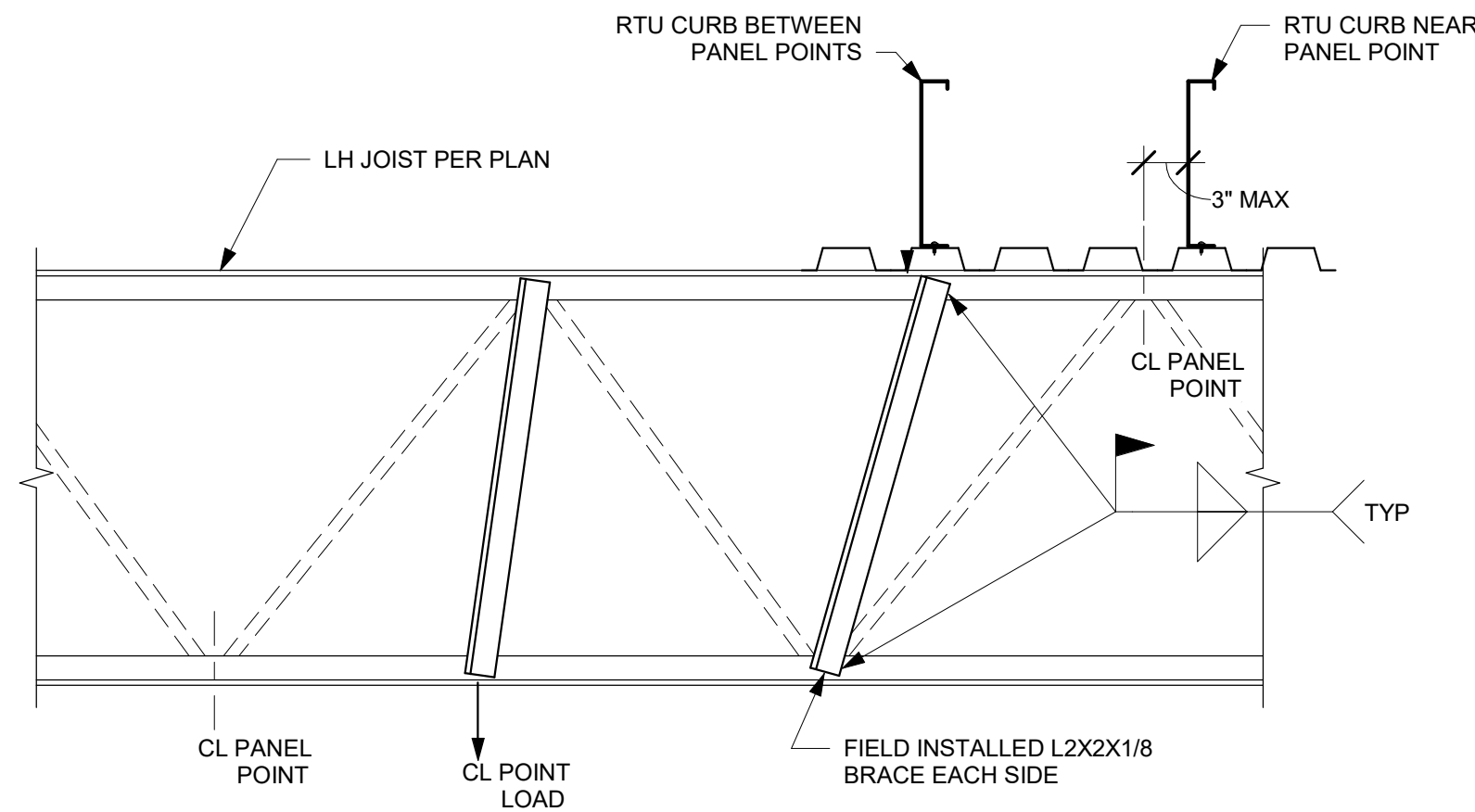
**1 TYPICAL ROOF DECK INFILL**  
NTS



**3 FRAMING @ NEW ROOF OPENINGS**  
NTS



**4 TYPICAL ROOF CURB ATTACHMENT**  
NTS



**NOTES:**  
1. NO "STRUT" MEMBER BRACE IS REQUIRED FOR CONCENTRATED LOADS WITHIN A CHORD PANEL THAT DOES NOT EXCEED 100 POUNDS AND IS CONCENTRIC TO THE CHORD.

**6 TYPICAL JOIST REINFORCING AT CONCENTRATED LOADS**  
NTS

**ABBREVIATIONS**

(E) EXISTING	EW EACH WAY	MTL METAL
@ AT	EXIST EXISTING	N-S NORTH-SOUTH
AB ANCHOR BOLT	EXP EXPANSION	NF NEAR FACE
ADDL ADDITIONAL	EXT EXTERIOR	NS NEAR SIDE
AESS ARCHITECTURAL EXPOSED STRUCTURAL STEEL	FD FLOOR DRAIN	NTS NOT TO SCALE
AFF ABOVE FINISH FLOOR	FDN FOUNDATION	OC ON CENTER
ALT ALTERNATE	FF FAR FACE	OD OUTSIDE DIAMETER
APPRX APPROXIMATE	FLR FLOOR	OPNG OPENING
ARCH ARCHITECTURAL	FOM FACE OF MASONRY	OPP OPPOSITE
BLDG BUILDING	FOS FACE OF STUD	OPT OPTION OR OPTIONAL
BLK BLOCKING	FP FIREPROOFING	OVS OVERSIZED HOLES
BM BEAM	FRMG FRAMING	PAF POWDER-ACTUATED FASTENER
BOE BOTTOM OF EXCAVATION	FRT FIRE-RETARDANT TREATED	PE PROFESSIONAL ENGINEER
BOF BOTTOM OF FOOTING	FS FAR SIDE	PEN PENETRATION
BRG BEARING	FT FOOT OR FEET	PERP PERPENDICULAR
BTWN BETWEEN	FTG FOOTING	PL PLATE
BU BUILT UP	GA GAGE/GAUGE	PL PROPERTY LINE
C CAMBER OR CHANNEL	GALV GALVANIZED	PP PARTIAL PENETRATION
CANT CANTILEVER	GB GRADE BEAM	PSF POUNDS PER SQUARE FOOT
CFS COLD-FORMED STEEL	GR GRADE	PSI POUNDS PER SQUARE INCH
CG CENTER OF GRAVITY	GWB GYPSUM WALL BOARD	PT POST-TENSIONED
CJ CONSTRUCTION JOINT	HD HOLDOWN	REINF REINFORCING
CL CENTERLINE	HDR HEADER	REQD REQUIRED
CLR CLEAR	HGR HANGER	ROW RIGHT OF WAY
CMU CONCRETE MASONRY UNIT	HORIZ HORIZONTAL	SC SLIP-CRITICAL
COL COLUMN	HP HIGH POINT	SCHED SCHEDULE
CONC CONCRETE	HSS HOLLOW STRUCTURAL SECTION	SE STRUCTURAL ENGINEER
CONN CONNECTION	HT HEIGHT	SECT SECTION
CONST CONSTRUCTION	IN INCH	SHTG SHEATHING
CONT CONTINUOUS	INCL INCLUDE	SIM SIMILAR
CONTR CONTRACTOR	INFO INFORMATION	SOG SLAB ON GRADE
CP COMPLETE PENETRATION	INSUL INSULATION	SQ SQUARE
CTR CENTER	INT INTERIOR	STAG STAGGERED
CY CUBIC YARD	JT JOINT	STD STANDARD
DBA DEFORMED BAR ANCHOR	K KIP = 1000 POUNDS	STIFF STIFFENER
DIAG DIAGONAL	KSI KIPS PER SQUARE INCH	STL STEEL
DIAPH DIAPHRAGM	L ANGLE	STRCT STRUCTURAL
DIM DIMENSION	LL LIVE LOAD	SW SHEAR WALL
DISC DISCONTINUOUS	LLBB LONG LEG BACK TO BACK	T&B TOP AND BOTTOM
DL DEAD LOAD	LLH LONG LEG HORIZONTAL	T&G TONGUE AND GROVE
DS DRAG STRUT	LLV LONG LEG VERTICAL	TOC TOP OF CONCRETE
DWG DRAWING	LOC LOCATION	TOF TOP OF FOOTING
DWL DOWEL	LONGIT LONGITUDINAL	TOS TOP OF STEEL
E-W EAST-WEST	LP LOW POINT	TOW TOP OF WALL
EA EACH	LSL LONG SLOTTED HOLES	TYP TYPICAL
EF EACH FACE	LVL LEVEL	UNO UNLESS NOTED OTHERWISE
EL ELEVATION	LWT LIGHTWEIGHT	UT ULTRASONIC TEST
ELEC ELECTRICAL	MAX MAXIMUM	VERT VERTICAL
ELEV ELEVATOR	MB MACHINE BOLT	W WITH
EMBED EMBEDMENT	MECH MECHANICAL	W/O WITHOUT
EN EDGE NAIL	MEP MECH. ELECTRICAL, PLUMBING	WP WORK POINT
EOR ENGINEER OF RECORD	MEZZ MEZZANINE	WT WEIGHT
EQ EQUAL	MIN MINIMUM	WWR WELDED WIRE REINFORCING
EQUIP EQUIPMENT	MISC MISCELLANEOUS	Ø DIAMETER

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		07-01-24	

Project Information:  
**BARNES & NOBLE**  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

Sheet Title:  
**ROOF FRAMING DETAILS**

PRCT120241136

Project No.: 62-800  
Date: 07/01/2024  
Drawn By: BJB  
Checked By: SCI

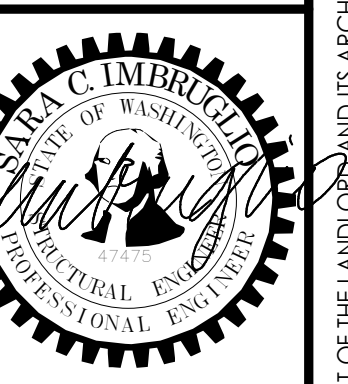
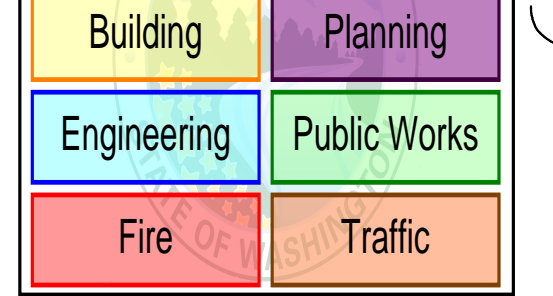
**S-301**







City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**



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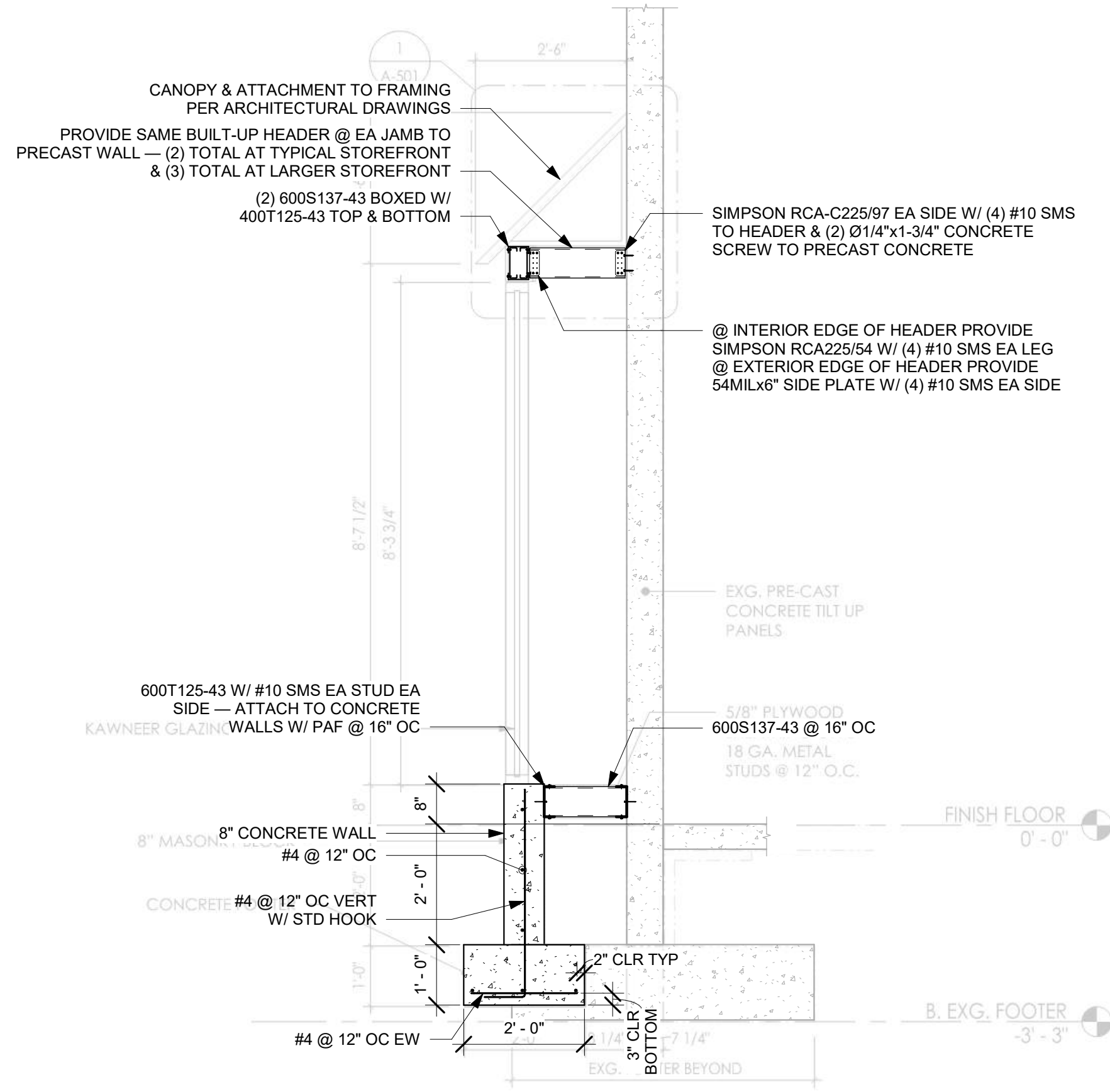
Sheet Title:  
**STOREFRONT DETAILS**  
PRCT120241136

Project Information:  
**BARNES & NOBLE**  
SOUTH HILL MALL - UNIT #800  
PUYALLUP, WASHINGTON

Project No.: 62-800  
Date: 07/01/2024  
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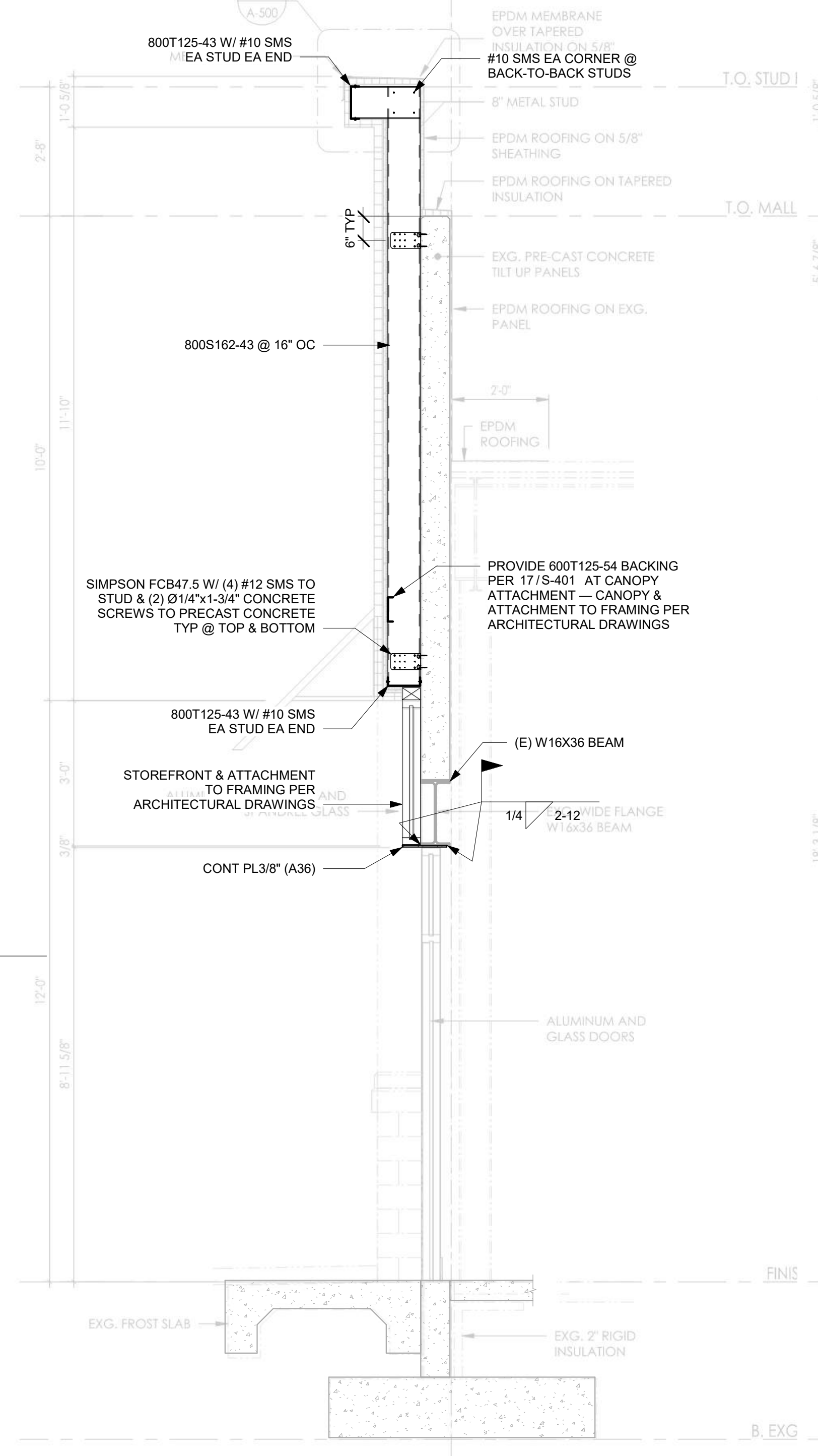
**S-401**

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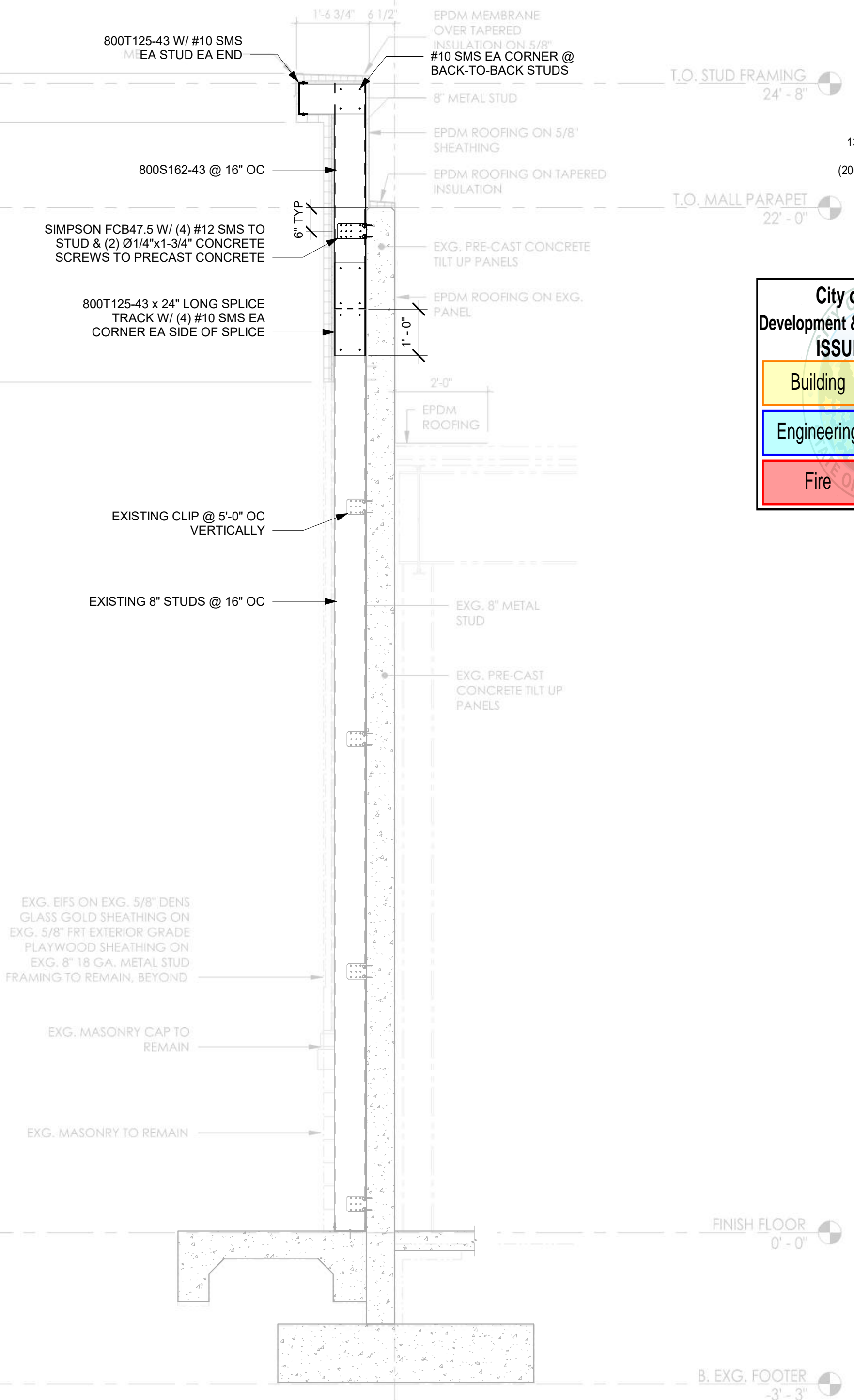


6 SECTION AT EXTERIOR DISPLAYS (REFERENCE 4/A-501)  
NTS

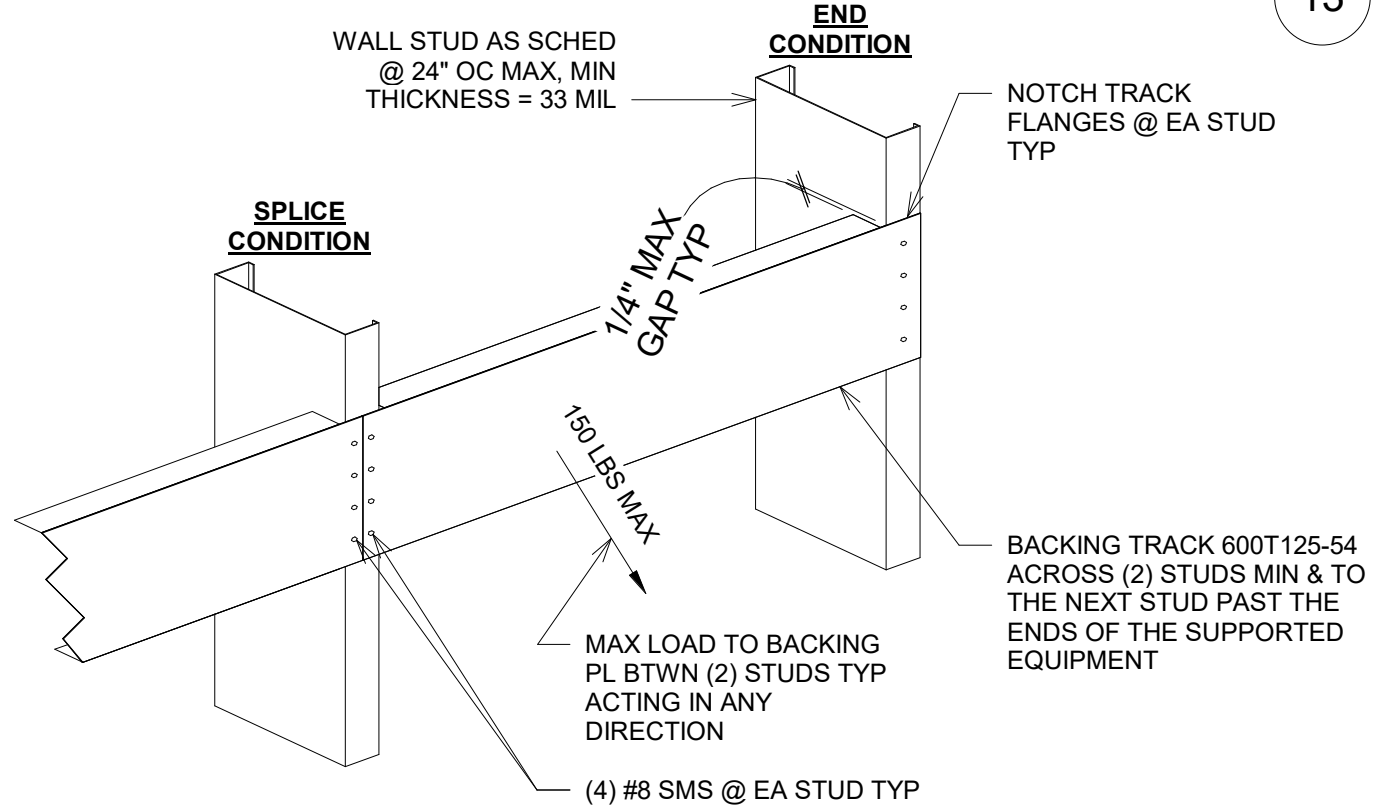
Welding to be done by an individual or fabricator who is WABO certified or approved by the Building Official to perform the work. All welds must be inspected and approved by a WABO certified special inspector.



13 SECTION AT STOREFRONT ENTRY (REF 2/A-500)  
NTS



14 SECTION AT STOREFRONT PIER (REFERENCE 1/A-500)  
NTS



- NOTES:
- THIS DETAIL MAY BE USED FOR ATTACHMENT OF EQUIPMENT DISTRIBUTING LESS THAN 150 LBS LOAD IN ANY DIRECTION BETWEEN (2) STUDS (CENTER OF GRAVITY LESS THAN 6" FROM FACE OF STUD.)
  - NOTCHING OR CUTTING OF BACKING PLATE IS NOT PERMITTED.
  - SHEATHING NOT SHOWN FOR CLARITY - PROVIDE SHEATHINGS OVER THE BACKING PLATE.

17 TYPICAL BACKING - 54MIL TRACK  
NTS