

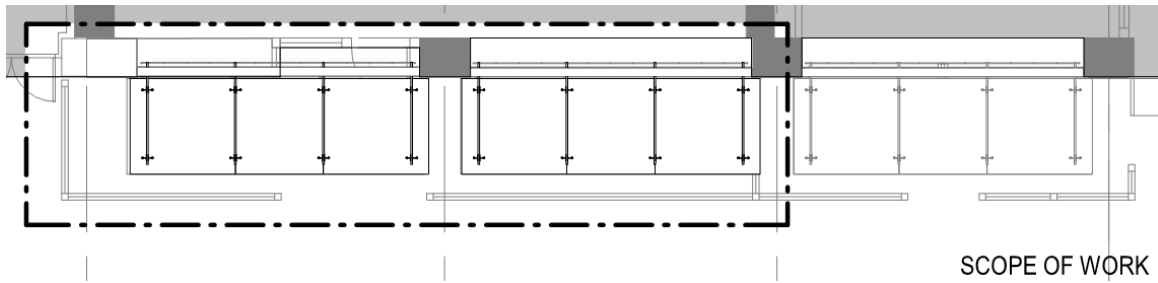
# JPC ARCHITECTS

## Hudson Pacific Properties 411 Awning Project

411 1<sup>st</sup> Ave South  
Seattle, WA 98104

This proposal outlines the design intent of the two new glass and steel awnings at retail spaces along the sidewalk, covering existing outdoor seating areas. Adjacent to the new locations are two existing and approved glass awnings flanking both sides of the building entry area. The new awnings would match existing finishes, installation methods and design intent.

Existing Awnings cover businesses: Browne Family Wine Tasting Room & Intermezzo Carmine's  
New Awnings would cover: Four Eleven Wine Bar by Grammercy Cellars & Bledsoe Wine Estates



Existing Site Photos:



# JPC ARCHITECTS

## Hudson Pacific Properties 411 Awning Project

---

See below rendering for design intent:



Proposed Materials: Laminated glass and painted steel (black to match existing)





MERRILL PLACE, EXTERIOR AWNING EXPANSION

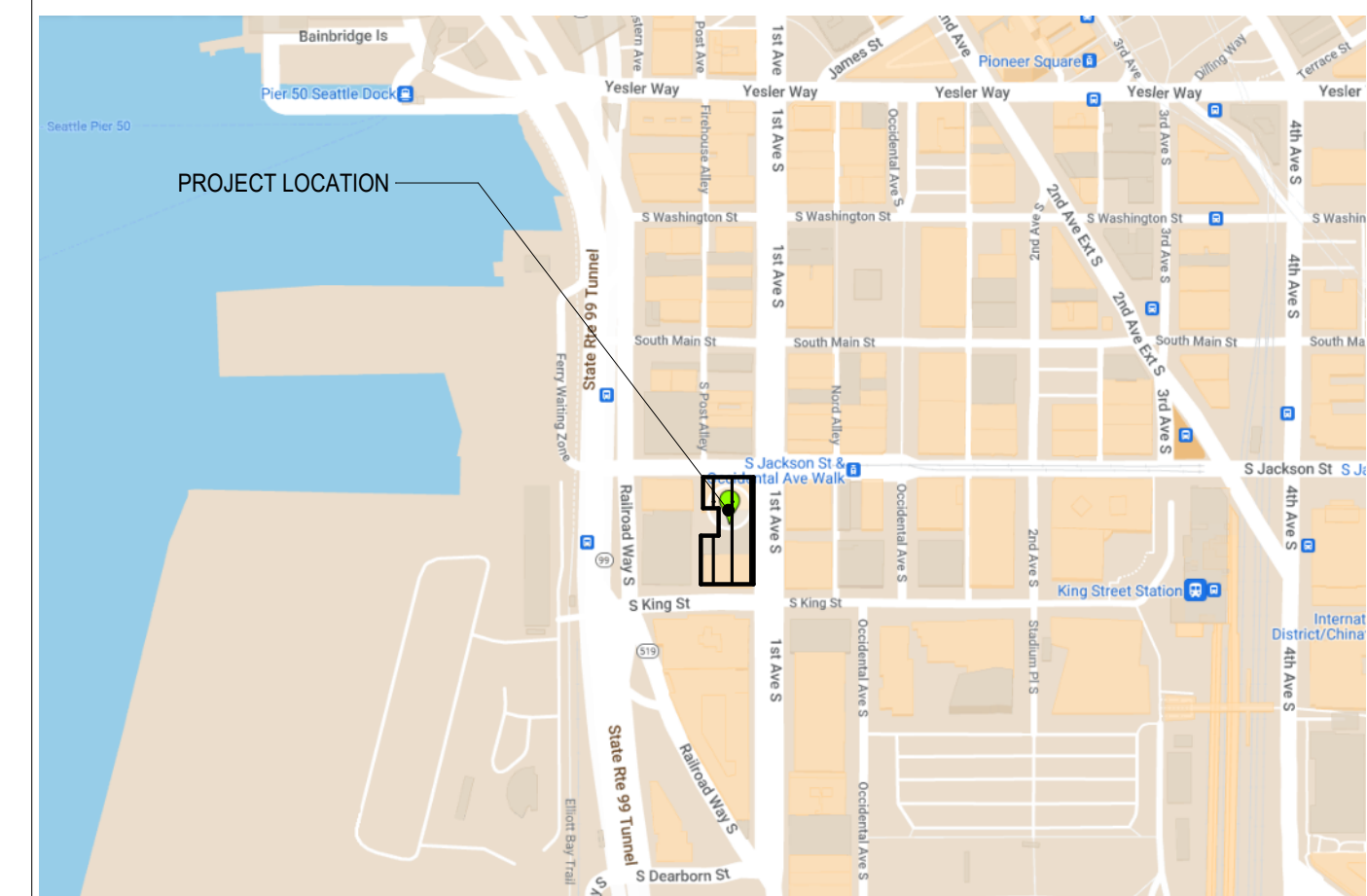
SITE PLAN  
NTS



DRAWING INDEX:

- 01 - ARCHINTR SHEET SET
- A-0.0 COVER SHEET & SITE PLAN
- A-0.1 GENERAL REQUIREMENTS NOTES
- A-1.0 OVERALL FIRST FLOOR PLAN
- A-2.0 PLAN AND ELEVATION
- A-3.0 CANOPY ENLARGED PLANS, SECTIONS & DETAILS
- S-1.0 GENERAL STRUCTURAL NOTES
- S-2.0 PARTIAL PLAN AND DETAILS

VICINITY MAP:



LEGAL DESCRIPTION:

TAX PARCEL: 524780-0200  
LEGAL DESCRIPTION: - MAYNARDS D S PLAT PCL W SEATTLE SP #3019934 REC# 20160127900027 SD SP DAF- PCLS B & C & D SE LBA# 9703815 REC #9707319002 BEING BLK 4 SD PLAT TGV VAC ALLEY LESS MERRILL PLACE BUILDING CONDOMINIUM.

DESCRIPTION OF WORK:

PROJECT SCOPE INCLUDES ADDING TWO ADDITIONAL LAMINATED GLASS CANOPY ASSEMBLY TO MATCH EXISTING AT THE EAST FAÇADE STREET LEVEL.

PROJECT TEAM:

<p><b>Property Owner:</b></p> <p>HUDSON PACIFIC PROPERTIES 411 FIRST AVE. SOUTH SUITE 300N SEATTLE, WA 98104 (206) 582-7121</p> <p>BEN SWENSON bswenson@hudsonppi.com</p>	<p><b>Architect:</b></p> <p>JPC ARCHITECTS, LLC 909 112th Ave NE SUITE 206 BELLEVUE, WA 98004 (425) 641-9200</p> <p>JEANNE CHEE jeannec@jpcarchitects.com JULIE GLENN julieg@jpcarchitects.com</p>
<p><b>Structural Engr:</b></p> <p>COUGHLIN PORTER LUNDEEN 801 2ND AVE SUITE #900 SEATTLE, WA 98104 (206) 343-0460</p> <p>REBECCA HIX COLLINS RebeccaC@cpilinc.com</p>	<p><b>Gen. Contractor:</b></p> <p>TBD</p>

CODE INFORMATION:

<p>PROJECT ADDRESS: HUDSON MERRILL PLACE LLC 411 1ST AVE S SEATTLE, WA 98104</p> <p>CONSTRUCTION TYPE: IV - HT SPRINKLED (903.3.1.1)</p> <p>ZONE: PSM-100/100-120-PS-DF</p> <p>OCCUPANCY: B</p> <p>TENANT SQUARE FOOTAGE: (AREA OF WORK) - 300 SF</p>	<p><u>APPLICABLE EDITIONS OF BUILDING CODES:</u></p> <p>BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE (IBC), WAC 51-50</p> <p>EXISTING BUILDING CODE: 2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC), 301.3.2 WORK AREA COMPLIANCE METHOD</p> <p>FIRE CODE: 2018 INTERNATIONAL FIRE CODE (IFC), WAC 51-54A, INCLUDING APPENDIX B &amp; C</p> <p>ENERGY CODE: 2018 WASHINGTON STATE ENERGY CODE, WAC 51-11</p> <p>MECHANICAL CODE: 2018 INTERNATIONAL MECHANICAL CODE (IMC), WAC 51-52</p> <p>ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE (NEC) (NFPA 70), 2020 WASHINGTON CITIES ELECTRICAL CODE WITH APPLICABLE RCW 19.28 &amp; WAC 296-46B</p> <p>PLUMBING CODE: 2018 UNIFORM PLUMBING CODE (UPC), WAC 51-56 &amp; 51-57 INCL. APPENDICES A, B, AND I.</p> <p>ZONING CODE: CITY OF SEATTLE</p> <p>ACCESSIBILITY CODE: ICC/ANSI A117.1-2009 ACCESSIBLE AND USABLE BUILDING AND FACILITIES</p>
---	---

JPC ARCHITECTS

909 112th Ave NE Suite 206  
Bellevue, WA 98004



MERRILL PLACE  
EXTERIOR AWNING EXPANSION  
411 1st Ave S, Seattle, WA 98104

DESIGN: JPC ARCHITECTS  
DRAWN: team initials  
CHECKED: project manager  
NO.: 22-0169

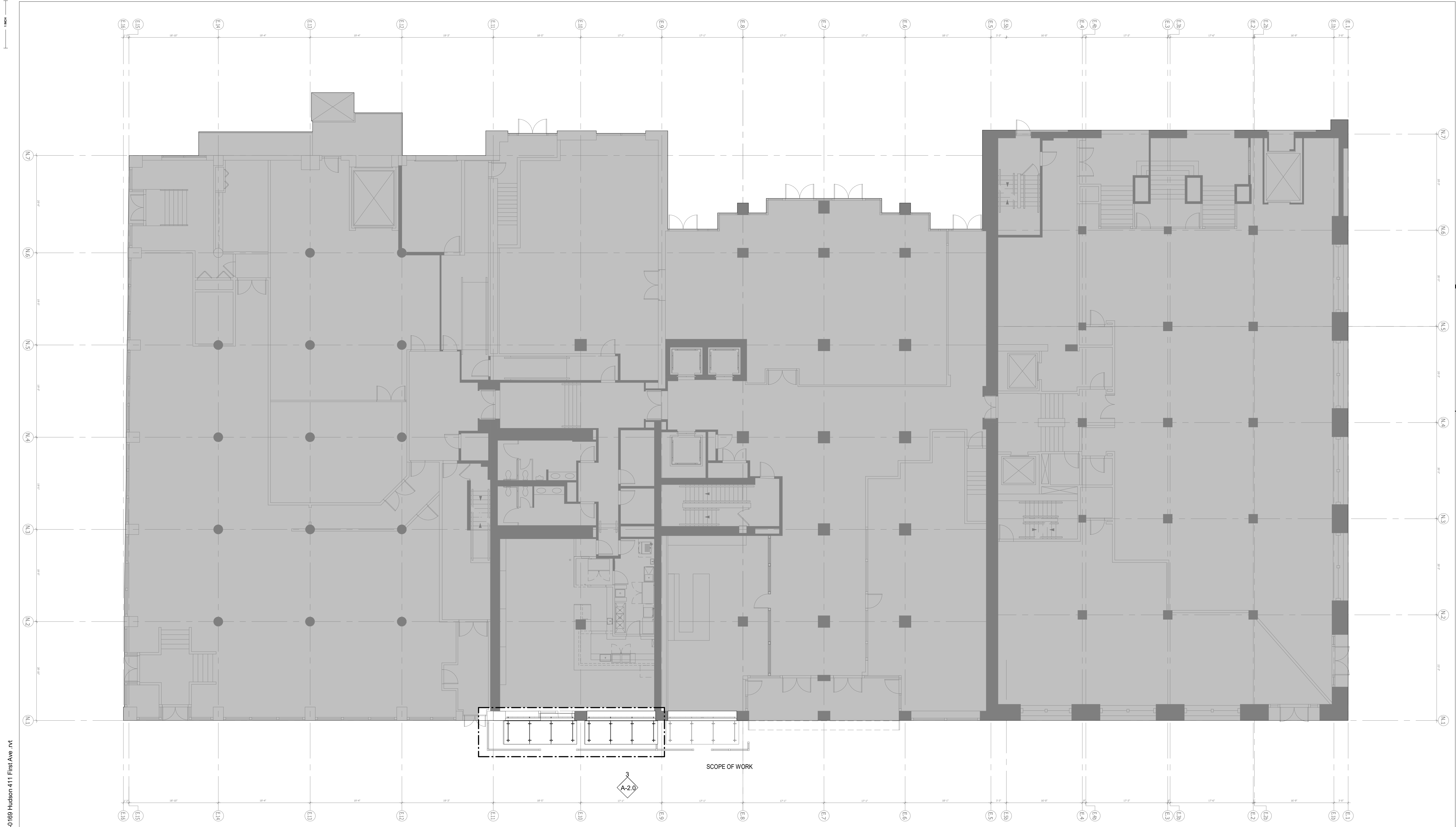


No	Description	Date
1	PERMIT SET	04/01/2022

COVER SHEET & SITE PLAN

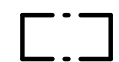

A-0.0





**OVERALL FLOOR PLAN**  
SCALE: 1" = 10'-0"

**LEGEND:**

-  SCOPE OF WORK
-  NOT IN SCOPE

BIM:360/22-0169 Merrill Place Awning22-0169 Hudson.411 First Ave.rvt  
5/16/2022 4:29:36 PM

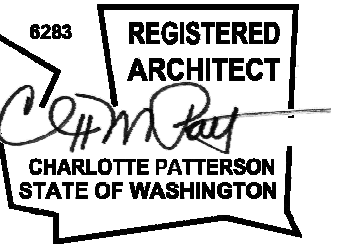
JPC ARCHITECTS

909 112th Ave NE Suite 206  
Bellevue, WA 98004



MERRILL PLACE  
EXTERIOR AWNING EXPANSION  
411 1st Ave S, Seattle, WA 98104

DESIGN: Designer  
DRAWN: -  
CHECKED: Checker  
NO.: 22-0169

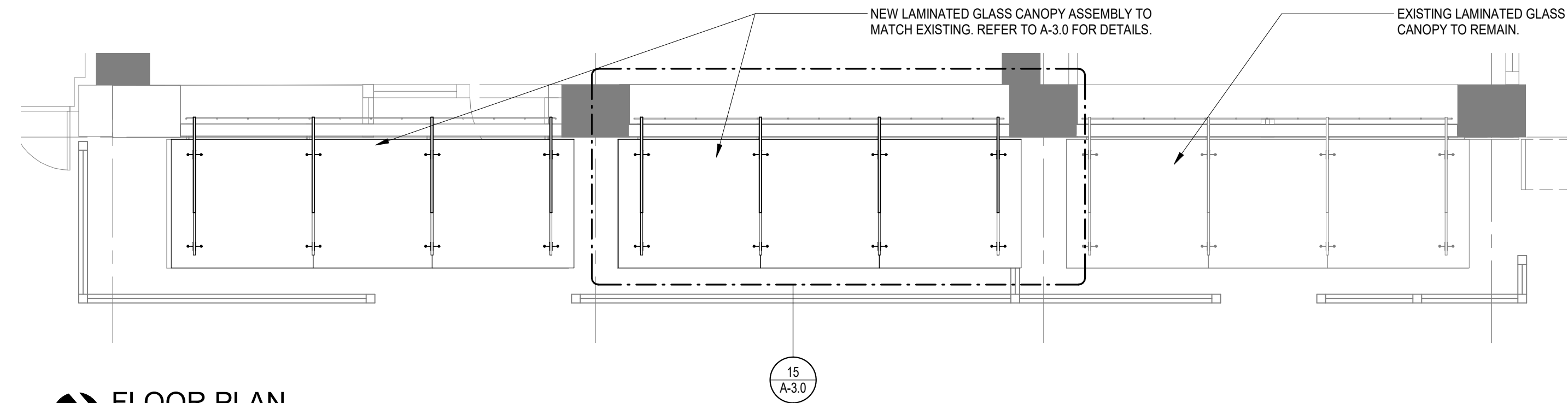


No	Description	Date
	PERMIT SET	04/01/2022

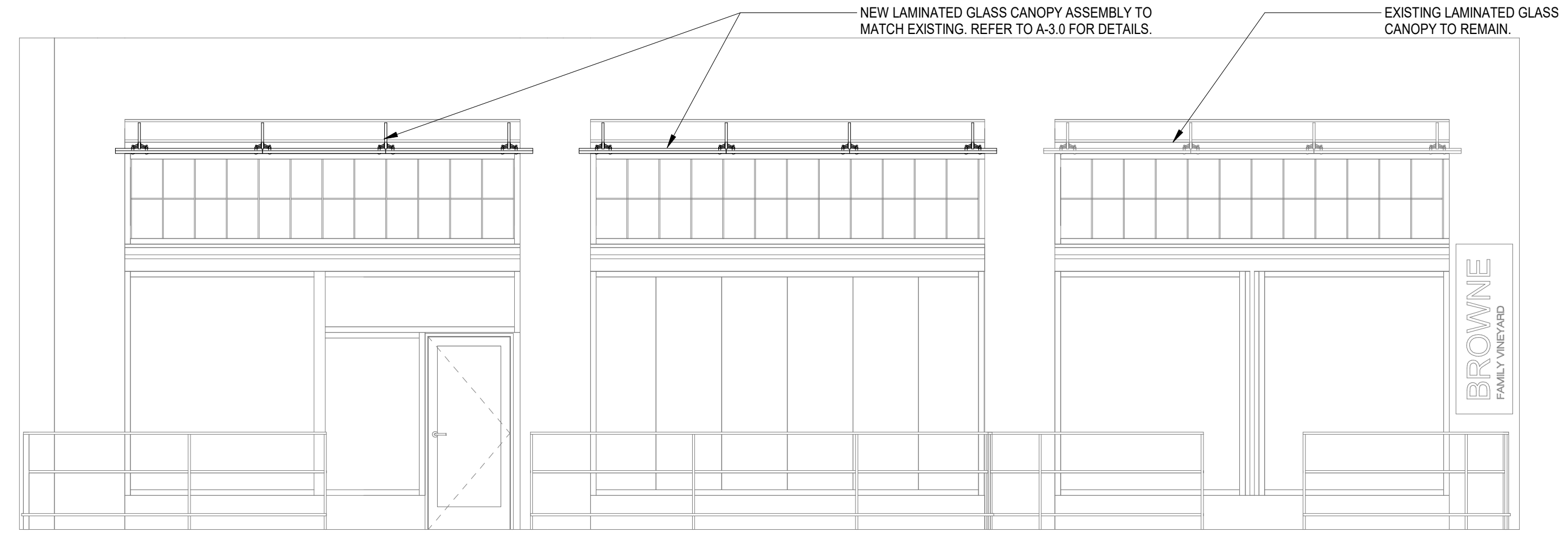
OVERALL FIRST FLOOR PLAN

A-1.0

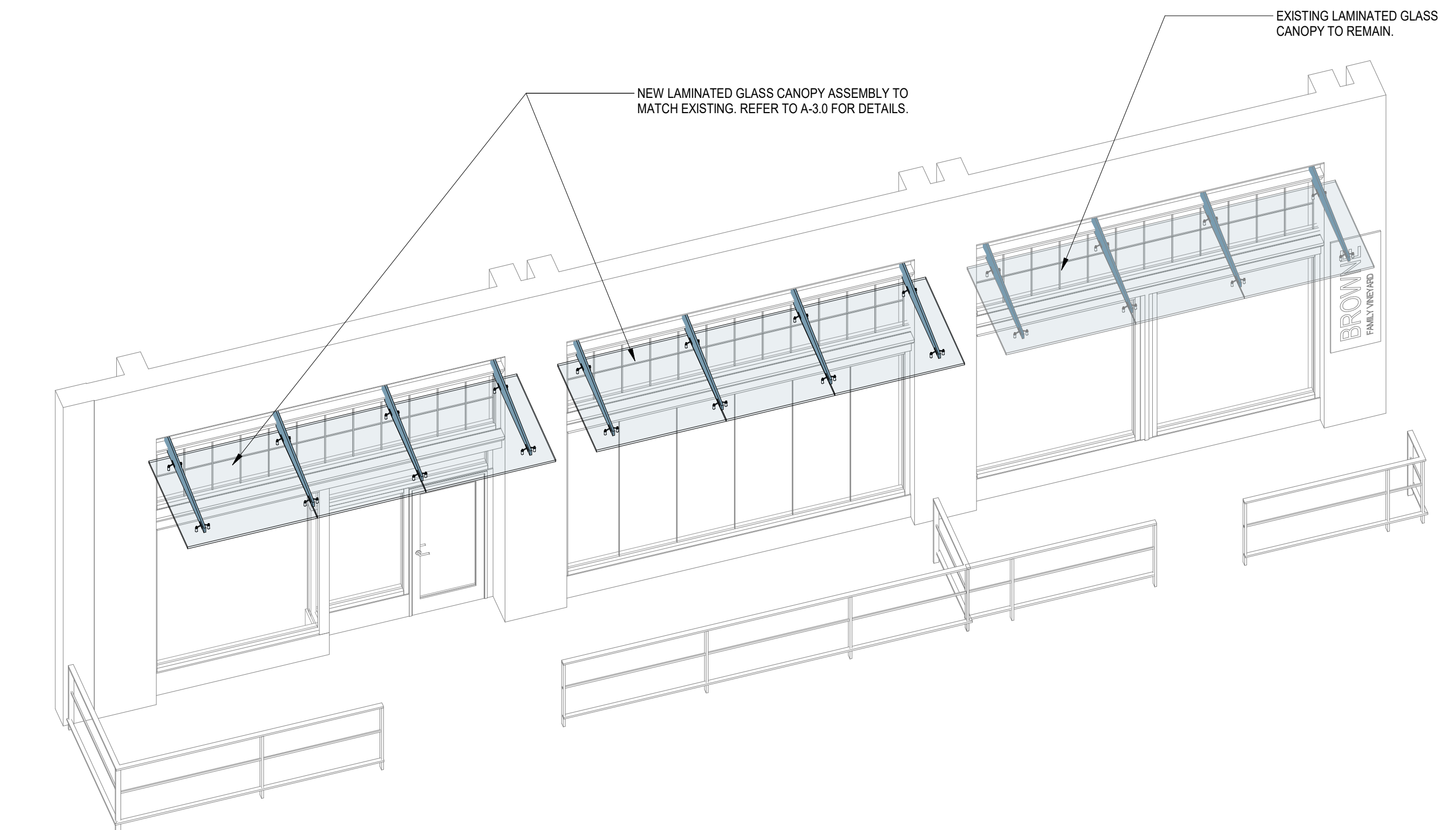
5/16/2022 4:29:41 PM BIM 360://22-0169 Merrill Place Awning22-0169 Hudson.411 First Ave .rvt



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



**EAST ELEVATION**  
SCALE: 1/4" = 1'-0"



**PERSPECTIVE VIEW**  
SCALE:

JPC ARCHITECTS

909 112th Ave NE Suite 206  
Bellevue, WA 98004



MERRILL PLACE  
EXTERIOR AWNING EXPANSION  
411 1st Ave S, Seattle, WA 98104

DESIGN: Designer  
DRAWN: Author  
CHECKED: Checker  
NO.: 22-0169

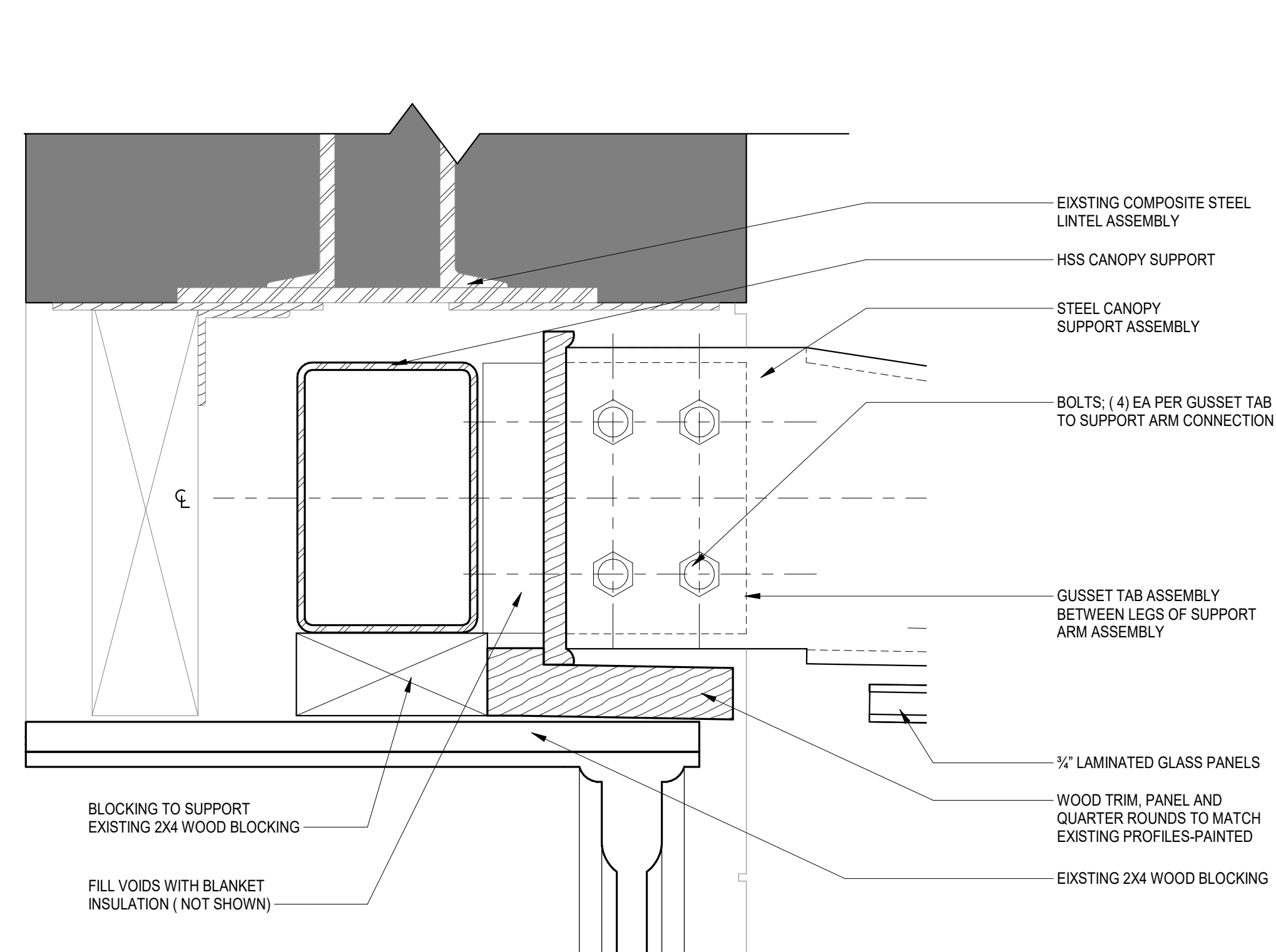


No	Description	Date
	PERMIT SET	04/01/2022

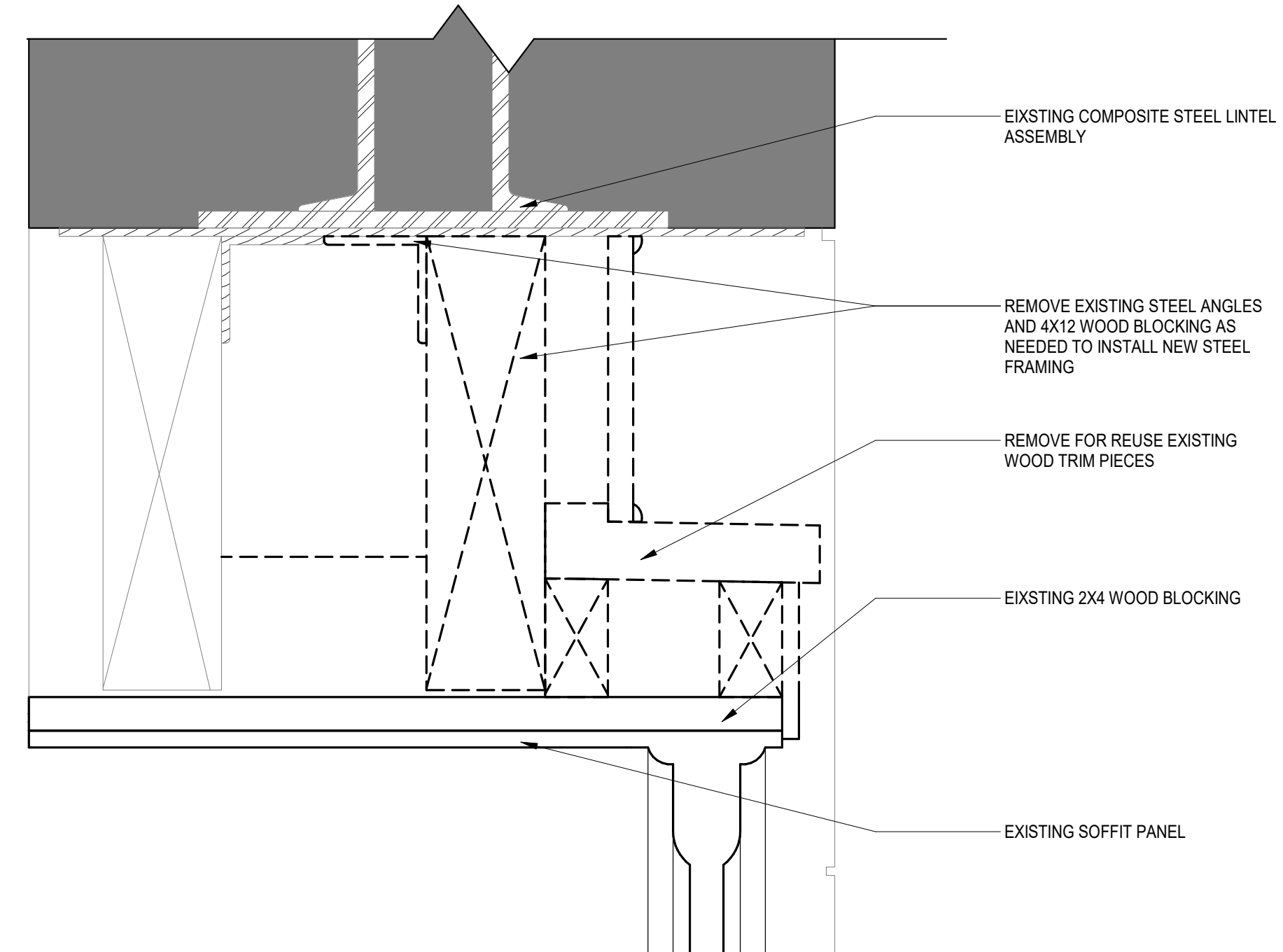
PROJECTION STAMP  
PLAN AND ELEVATION

A-2.0

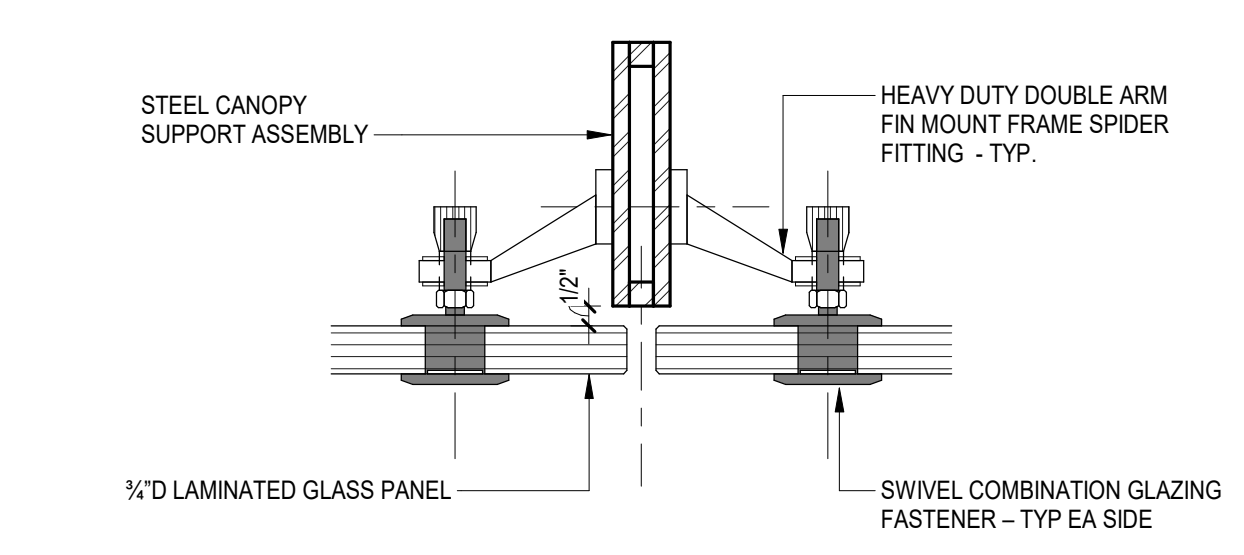
© 2022, JPC ARCHITECTS, LLC



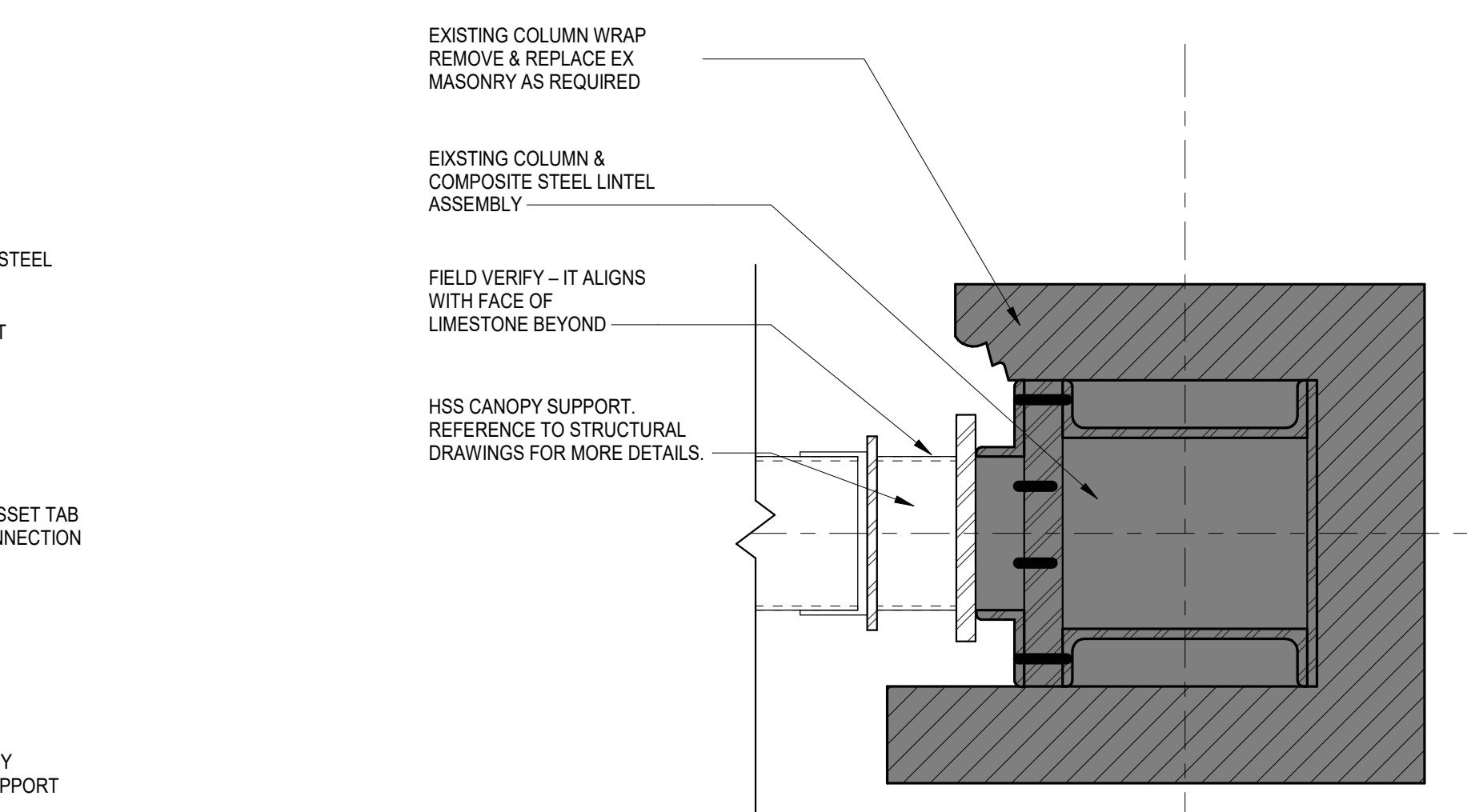
**5** TYPICAL STEEL CANOPY SUPPORT ASSEMBLY  
Scale: 3" = 1'-0"



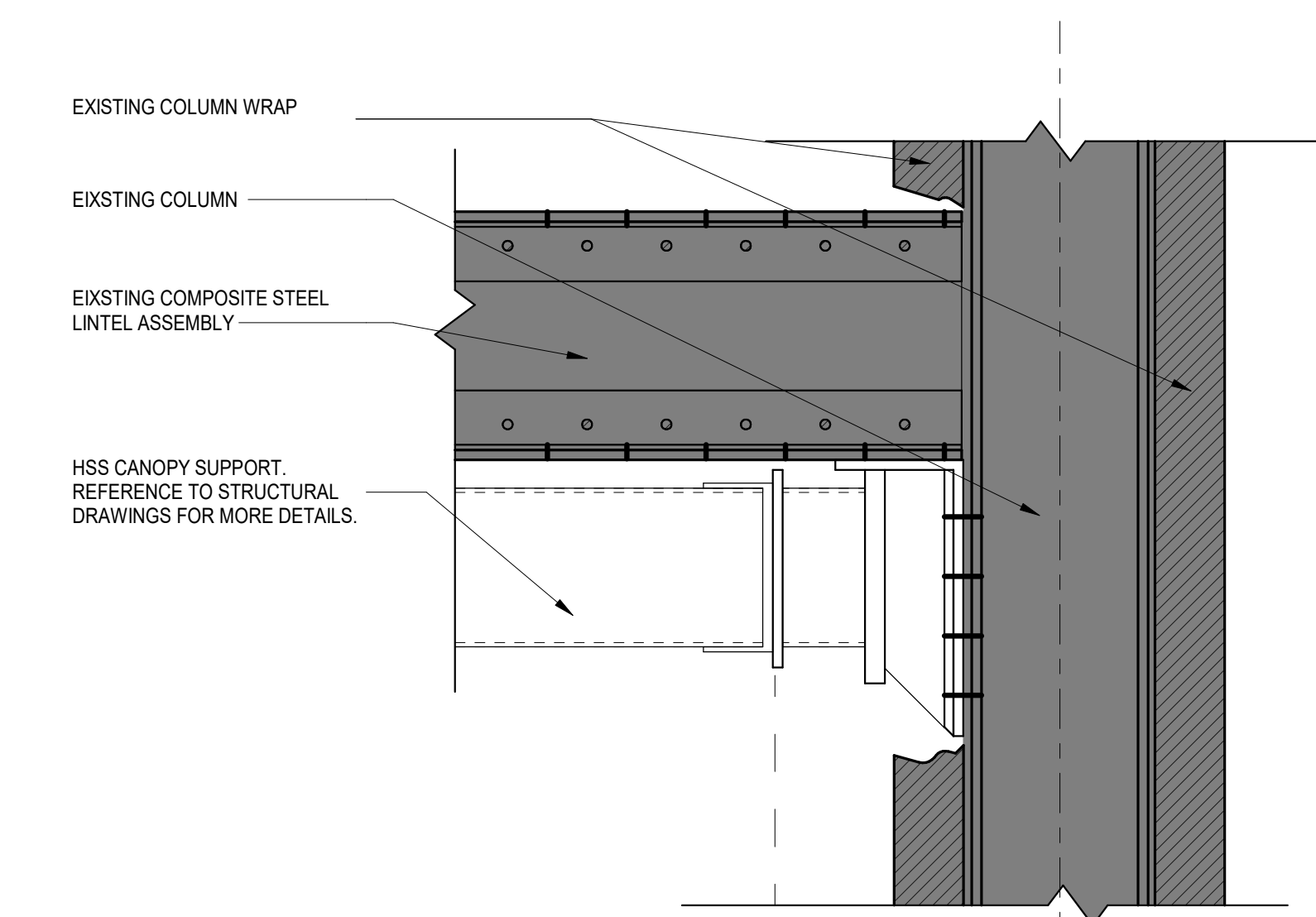
**9** CANOPY SUPPORT ASSEMBLY SELECTIVE REMOVAL  
Scale: 3" = 1'-0"



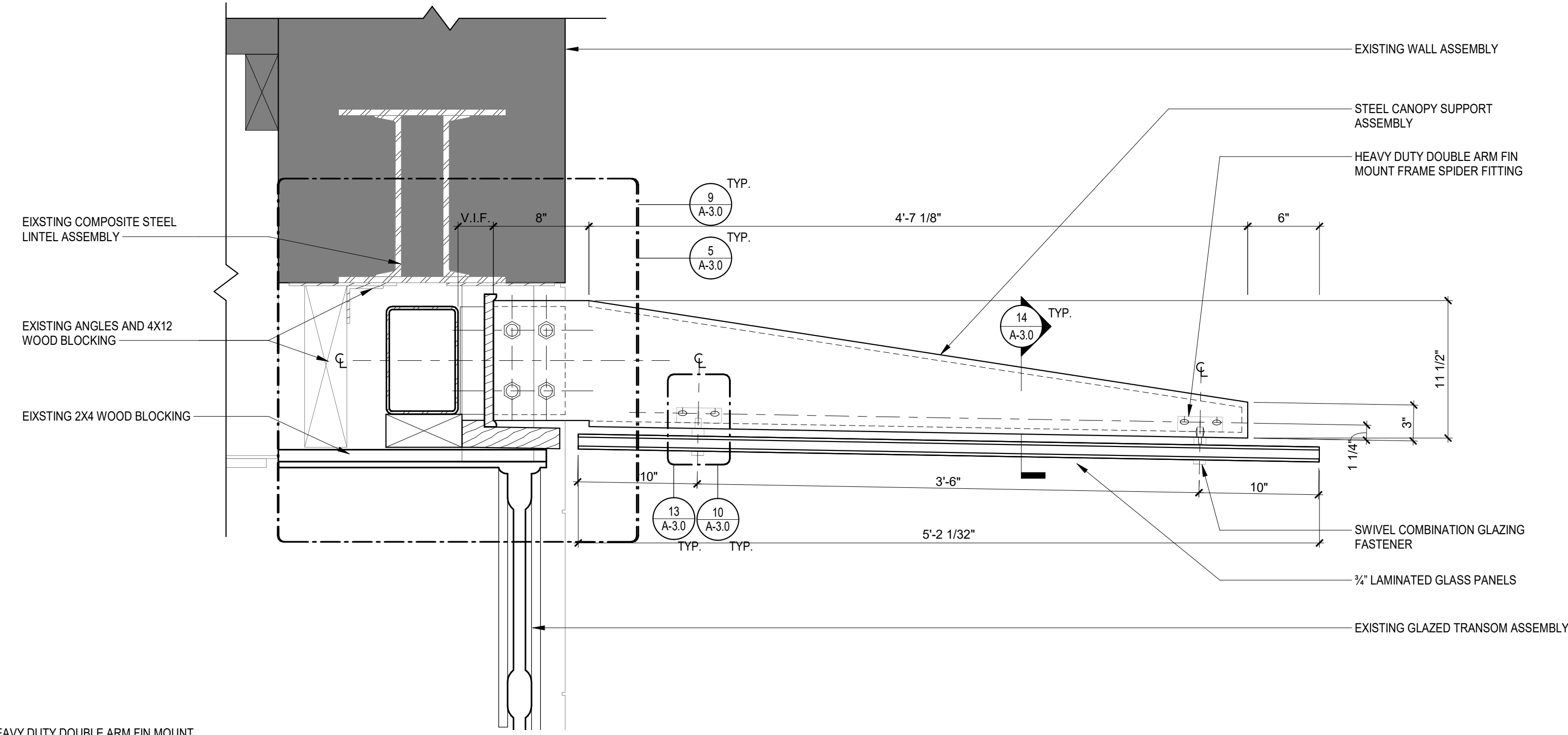
**13** TYPICAL GLAZING CONNECTION TO SUPPORT ASSEMBLY - SECTION  
Scale: 3" = 1'-0"



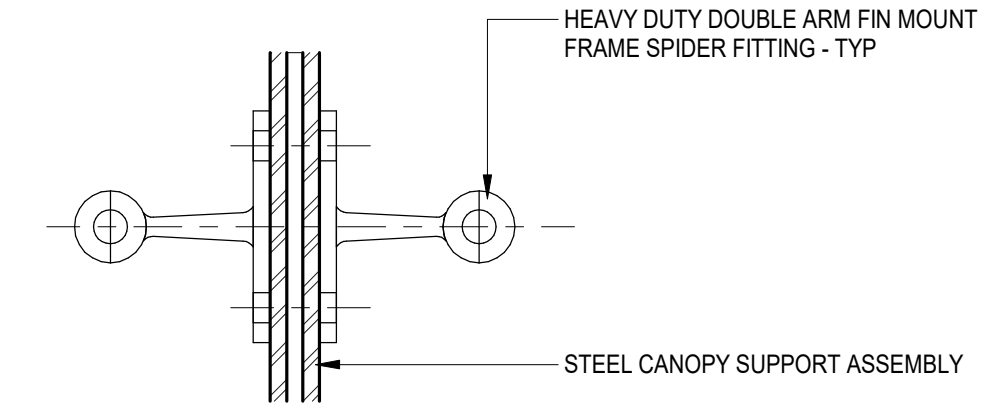
**3** PLAN DETAIL AT COLUMN ATTACHMENT  
Scale: 1 1/2" = 1'-0"



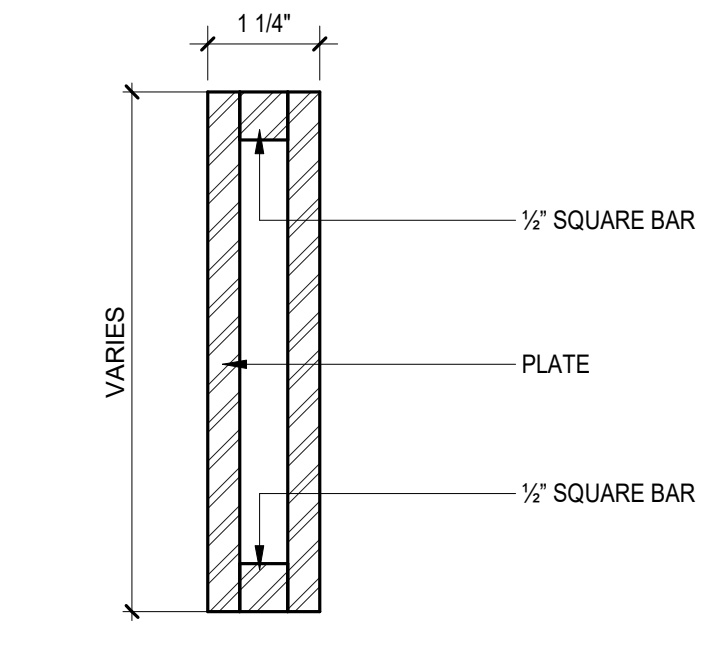
**4** SECTION DETAIL AT COLUMN ATTACHMENT  
Scale: 1 1/2" = 1'-0"



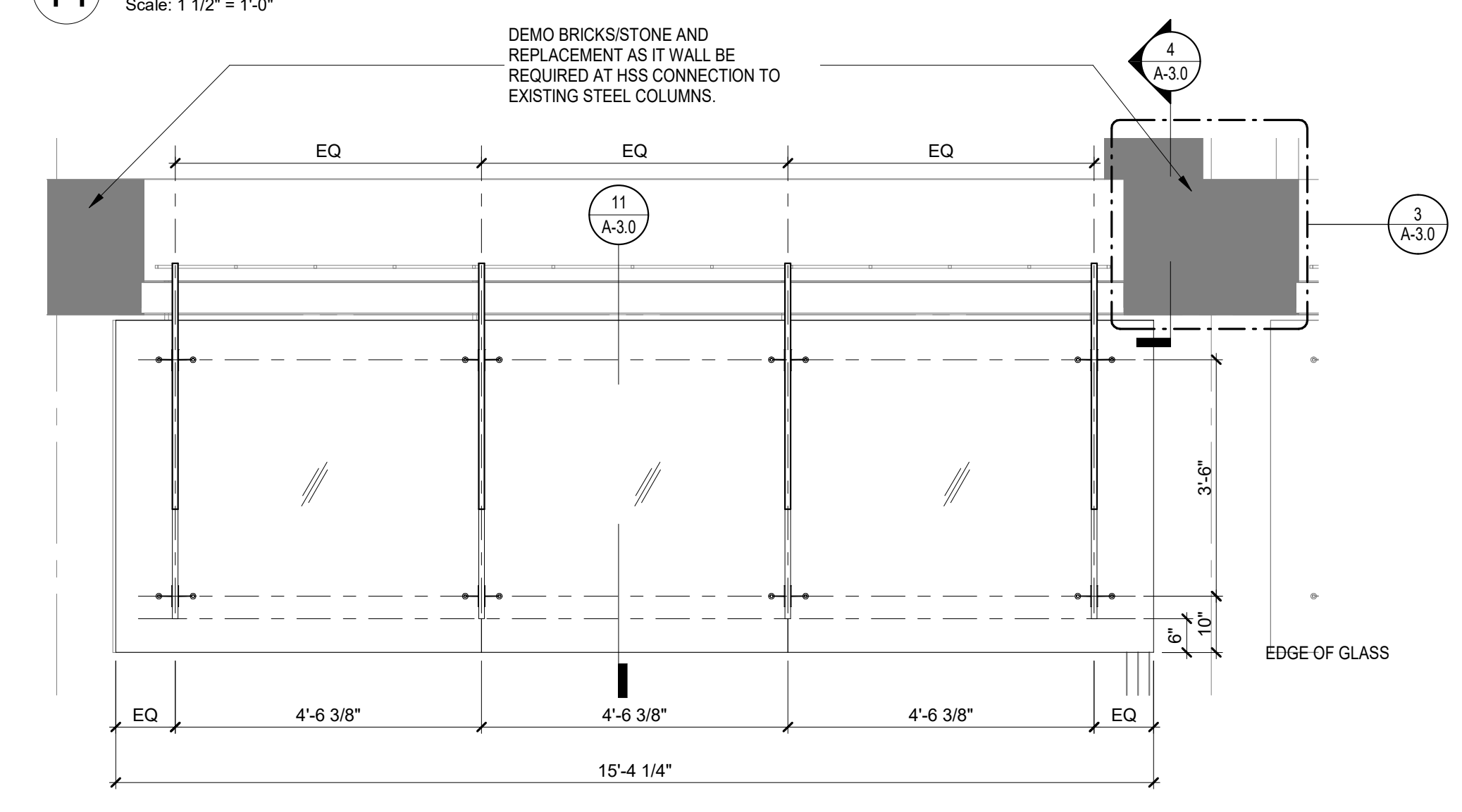
**11** CANOPY ASSEMBLY SECTION  
Scale: 1 1/2" = 1'-0"



**10** TYPICAL GLAZING CONNECTION TO SUPPORT ASSEMBLY - PLAN  
Scale: 3" = 1'-0"



**14** STEEL CANOPY SUPPORT ASSEMBLY SECTION  
Scale: 6" = 1'-0"



**15** ENLARGED CANOPY ASSEMBLY PLAN  
Scale: 1/2" = 1'-0"

BIM 360/222-0169 Merrill Place Awning22-0169 Hudson 411 First Ave .rvt  
5/16/2022 4:29:45 PM

No	Description	Date
1	PERMIT SET	04/01/2022

# General Structural Notes

(THE FOLLOWING APPLY UNLESS SHOWN OTHERWISE ON THE DRAWINGS.)

## CRITERIA:

1. ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE SEATTLE BUILDING CODE (SBC), 2018 EDITION.
2. THE EXISTING STRUCTURE HAS NOT BEEN EVALUATED OR STRENGTHENED TO CONFORM TO CURRENT SEISMIC CODE REQUIREMENTS AS PART OF THIS PROJECT SCOPE. THE ALTERATIONS SHOWN ARE IN CONFORMANCE WITH SECTION 303.1 OF THE SEATTLE EXISTING BUILDING CODE, 2018 EDITION.
3. DESIGN LOADING CRITERIA:  

RISK CATEGORY SBC TABLE 1604.5 . . . . .	II
ROOF SNOW LOAD . . . . .	25 PSF ( $I_s = 1.0$ )
CANOPIES . . . . .	SAME AS ROOF SNOW LOAD OR 300 lb POINT LOAD, WHICHEVER PRODUCES MAXIMUM FORCES
EARTHQUAKE (NON-STRUCTURAL). . . . .	SEISMIC DESIGN CATEGORY D
	$S_s = 1.415, S_1 = 0.494, S_{0.5} = 1.132, S_{0.1} = 0.892$
	$R_p = 2.5, a_p = 1.0, I_p = 1.0$
WIND . . . . .	97 MPH, EXPOSURE "B", $K_{zt} = 1.0$
WIND (CANOPY ELEMENT DESIGN PRESSURES) . . . . .	26/16 PSF GROSS UPLIFT AT ROOF (LRFD/ASD)
	WIND PRESSURES BASED ON LESS THAN 10 SQUARE FOOT TRIBUTARY AREAS. REDUCED DESIGN PRESSURES MAY BE CALCULATED IN ACCORDANCE WITH ASCE 7-16 CHAPTER 30.

SEE DRAWINGS FOR ADDITIONAL LOADING CRITERIA
4. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS AND ALL OTHER CONTRACT DOCUMENTS FOR BIDDING AND CONSTRUCTION. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY AND SHALL NOTIFY ARCHITECT OF ALL DISCREPANCIES PRIOR TO CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE BUILDING LAYOUT DIMENSIONS (GRID LAYOUTS, SITE COORDINATES, ETC.) AMONGST ALL TRADES, INCLUDING SHOP FABRICATED ITEMS.
5. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES AND CONDITIONS PRIOR TO COMMENCING ANY WORK AND PRIOR TO SUBMITTING SHOP DRAWINGS. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE BASED EITHER ON SITE OBSERVATION, ORIGINAL DRAWINGS OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF THE EXISTING CONDITIONS DO NOT CLOSELY MATCH THE CONDITIONS SHOWN ON THE DRAWINGS, OR IF THE EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY THE ENGINEER PRIOR TO COMMENCING ANY WORK.
6. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING, BOTH FOR VERTICAL LOADS AND LATERAL STABILITY, FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.
8. CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.
9. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.
10. ALL STRUCTURAL SYSTEMS COMPOSED OF COMPONENTS TO BE FIELD ERRECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE AND ERECTION IN ACCORDANCE WITH INSTRUCTIONS PREPARED BY THE SUPPLIER.
11. SHOP DRAWINGS STRUCTURAL STEEL SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS.  
  
SHOP DRAWINGS SHALL ALSO BE SUBMITTED TO THE SEATTLE DEPARTMENT OF CONSTRUCTION AND INSPECTIONS (SDCI) IN ACCORDANCE WITH SDCI REQUIREMENTS AT THE TIME OF CONSTRUCTION.
12. SHOP DRAWING REVIEW: DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD, AND THEREFORE MUST BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY ENGINEER OF RECORD. SUBMITTALS SHALL BE SUBMITTED ELECTRONICALLY IN PDF FORMAT.  
  
SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.
13. DEFERRED SUBMITTALS SHALL BE DESIGNED BY AN ENGINEER REGISTERED IN THE STATE OF WASHINGTON. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SUBMITTAL AND SCHEDULE REQUIREMENTS WITH THE LOCAL JURISDICTION. THE COMPONENT DESIGNER SHALL BE A REGISTERED STRUCTURAL ENGINEER IF REQUIRED BY THE BUILDING OFFICIAL OF THE LOCAL JURISDICTION. BUILDING COMPONENT SUBMITTALS SHALL INCLUDE THE DESIGNING PROFESSIONAL ENGINEER'S STAMP AND SHALL BE APPROVED BY THE COMPONENT DESIGNER PRIOR TO CURSORY REVIEW BY THE ENGINEER OF RECORD FOR LOADS IMPOSED ON THE BASIC STRUCTURE. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE PER ASCE 7-16, 'SEISMIC DESIGN REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS', INCLUDING ACCOMMODATION FOR STRUCTURAL RELATIVE DISPLACEMENTS PER SECTION 13.3.2 AND ALL NECESSARY BRACING, SUPPORTS OR CONNECTIONS NOT SPECIFICALLY CALLED OUT ON THE ARCHITECTURAL OR STRUCTURAL DRAWINGS. SEE THE DESIGN LOADING CRITERIA FOR BUILDING DISPLACEMENTS AS REQUIRED. DEFERRED SUBMITTALS SHALL INDICATE LOCATION, MAGNITUDE AND DIRECTION OF ALL LOADS IMPOSED ON BASIC STRUCTURE. DESIGN CALCULATIONS SHALL BE INCLUDED IN THE SUBMITTAL. THE CONTRACTOR SHALL FORWARD DEFERRED SUBMITTALS TO THE BUILDING OFFICIAL WHERE REQUIRED.

THE FOLLOWING BUILDING COMPONENTS SHALL BE DEFERRED SUBMITTALS FOR THIS PROJECT:  
GLASS CANOPY PANELS (INCLUDING CONNECTIONS)

## STATEMENT OF SPECIAL INSPECTIONS (STRUCTURAL):

14. STATEMENT OF SPECIAL INSPECTIONS – STRUCTURAL ITEMS (SEISMIC DESIGN CATEGORY D):

**DEFINITIONS:**  
SPECIAL INSPECTIONS AND TESTING SHALL BE PERFORMED BY THE OWNER APPOINTED INSPECTION AGENCY IN ACCORDANCE WITH CHAPTER 17 OF THE SBC WITH REPORTS PER SBC SECTION 1704.2.4 SUBMITTED TO THE OWNER, ARCHITECT, STRUCTURAL ENGINEER, CONTRACTOR, AND BUILDING OFFICIAL. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN SBC SECTION 108. SEE TABLES BELOW FOR ADDITIONAL INFORMATION.

STRUCTURAL ITEMS	SPECIAL INSPECTION FREQUENCY	SBC REFERENCE
------------------	------------------------------	---------------

STRUCTURAL STEEL FABRICATION, ERECTION, AND NONDESTRUCTIVE TESTING\*  
SPECIAL INSPECTION AND NONDESTRUCTIVE TESTING FOR STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE (QA) INSPECTION REQUIREMENTS OF AISC 360-16 CHAPTER N. CONTINUOUS INSPECTION SHALL BE PERFORMED AT "P" TASKS DEFINED IN AISC 360-16; PERIODIC INSPECTION SHALL BE PERFORMED AT "O" TASKS DEFINED IN AISC 360-16. ADDITIONAL SPECIAL INSPECTION AND TESTING REQUIREMENTS FOR THE STRUCTURAL STEEL SEISMIC SYSTEM SHALL BE PER AISC 341-16 CHAPTER J AS INDICATED BELOW.

SHOP AND FIELD WELDING	CONTINUOUS/PERIODIC (QA PER AISC 360 CH. N5.4)	1705.2.1
HIGH STRENGTH BOLTING	CONTINUOUS/PERIODIC (QA AISC 360 CH. N5.6)	1705.2.1
MATERIAL VERIFICATION	PERIODIC	1705.2.1
(IDENTIFICATION MARKS AND MANUFACTURER'S TEST REPORTS)		

\* STRUCTURAL STEEL QUALITY ASSURANCE INSPECTIONS, EXCEPT NONDESTRUCTIVE TESTING, MAY BE WAIVED IF APPROVED BY THE OWNER AND BUILDING OFFICIAL FOR WORK PERFORMED ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION IN ACCORDANCE WITH SBC SECTION 1704.2.5.1.

ARCH, MECH, & ELEC ITEMS	SEISMIC DESIGN REQUIREMENTS (ASCE 7-16 CHAPTER 13)	PERIODIC SPECIAL INSPECTION AS SPECIFIED PER SBC CHAPTER 17
EXTERIOR WALLS, VENEER & CLADDING	ASCE 7-16 SECTION 13.5.3	REQUIRED FOR WALL FRAMING, FOR FASTENING OF VENEER OR CLADDING EXCEEDING 5 PSF (SBC 1705.12.5)
GLAZING SYSTEMS	ASCE 7-16 SECTION 13.5.9	NOT REQUIRED
LIFE SAFETY COMPONENTS INCLUDING SMOKE EVACUATION FANS, AND COMPONENTS WITH HAZARDOUS COMBUSTIBLE, OR HIGHLY TOXIC CONTENTS (Ip=1.5 PER ASCE 7-16 SECTION 13.1.3)	ASCE 7-16 SECTION 13.6 AND SBC 1705.13.2	REQUIRED FOR VERIFICATION OF CERTIFICATE OF COMPLIANCE LABEL ON COMPONENT (SBC 1705.12.4)
INSTALLATION AND ANCHORAGE OF SPRINKLER SYSTEMS, COMPONENTS WITH HAZARDOUS, COMBUSTIBLE, OR HIGHLY TOXIC CONTENTS (Ip=1.5 PER ASCE 7-16 SECTION 13.1.3)	ASCE 7-16 SECTION 13.6 AND SBC 1705.13.2	REQUIRED (SBC 1705.12.4 & 1705.12.6)
ALL OTHER MECHANICAL AND ELECTRICAL COMPONENTS	ASCE 7-16 SECTION 13.6	NOT REQUIRED

STRUCTURAL OBSERVATION PER SBC SECTION 1704.6 IS NOT REQUIRED FOR THIS STRUCTURE.

## RENOVATION:

15. DEMOLITION: CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. SHORING SHALL BE INSTALLED TO SUPPORT EXISTING CONSTRUCTION AS REQUIRED AND IN A MANNER SUITABLE TO THE WORK SEQUENCES. DEMOLITION DEBRIS SHALL NOT BE ALLOWED TO DAMAGE OR OVERLOAD THE EXISTING STRUCTURE. LIMIT CONSTRUCTION LOADING (INCLUDING DEMOLITION DEBRIS) ON EXISTING FLOOR SYSTEMS TO 40 PSF (20 PSF AT ROOFS).
  - A. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND LOCATION OF MEMBERS PRIOR TO CUTTING ANY OPENINGS.
  - B. SMALL ROUND OPENINGS SHALL BE ACCOMPLISHED BY CORE DRILLING, IF POSSIBLE. HOLES UP TO 1" MAY BE ROTOHAMMERED.

## STEEL:

16. STRUCTURAL STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE BASED ON THE LATEST EDITIONS OF THE A.I.S.C. SPECIFICATIONS AND CODES:

1. SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS AND PLASTIC DESIGN, OR LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.
2. CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, ADOPTED JUNE 15, 2016.

IN REFERENCE TO SECTIONS 3.1.1 AND 4.4.1, THE CONTRACT DOCUMENTS (DESIGN DRAWINGS) SHOW COMPLETE CONNECTION DETAILS FOR ALL MEMBERS EXCEPT THOSE NOTED TO BE DESIGN-BUILD ITEMS. ALTERNATE CONNECTION DETAILS REQUESTED BY THE FABRICATOR SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL VIA A REQUEST FOR INFORMATION (RFI) PRIOR TO COMPLETION OF SHOP DRAWINGS.

IN REFERENCE TO SECTION 3.1.6, FABRICATOR SHALL ALSO REVIEW PROJECT SPECIFICATIONS AND ARCHITECTURAL DRAWINGS TO DETERMINE PAINTING AND GALVANIZING REQUIREMENTS. MEMBERS EMBEDDED IN CONCRETE, MASONRY OR TO RECEIVE SPRAY-ON FIREPROOFING SHALL NOT BE PAINTED. DO NOT PAINT OR GALVANIZE AREAS OF PIECES TO BE FIELD WELDED, OR REMOVE PAINT AND GALVANIZING IN FIELD PRIOR TO WELDING.

IN REFERENCE TO SECTION 3.3, IN THE EVENT OF DISCREPANCIES BETWEEN DESIGN DRAWINGS AND SPECIFICATIONS, THE DESIGN DRAWINGS GOVERN.

IN REFERENCE TO SECTION 4.1, THE FABRICATOR SHALL NOT ASSUME BID PACKAGES CONSTITUTE RELEASING THE DRAWINGS FOR CONSTRUCTION WITHOUT EXPLICIT DIRECTION TO DO SO BY THE OWNER.

3. SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.
4. QUALITY CONTROL SHALL BE IN ACCORDANCE WITH AISC 360 CHAPTER N.

CONTRACTOR SHALL ALSO COMPLY WITH OSHA REGULATION 29 CFR PART 1926 SUBPART R - STEEL ERECTION, PUBLISHED JANUARY 18, 2001. MISCELLANEOUS PLATES FOR GUYING CABLE ATTACHMENTS, TEMPORARY JOIST BRACING, ETC. SHALL BE ADDED AS REQUIRED.

17. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS: STEEL PLATES SHALL CONFORM TO ASTM A36,  $F_y = 36$  KSI. STRUCTURAL TUBING (HSS) SHALL CONFORM TO ASTM A500, GRADE B,  $F_y = 46$  KSI. STEEL-TO-STEEL CONNECTION BOLTS SHALL CONFORM TO ASTM A325-N.
18. DIMENSIONAL TOLERANCE FOR STRUCTURAL STEEL MEMBERS SHALL BE PER THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, SECTION 6.4 AND ASTM SPECIFICATION A6. UNLESS SPECIFICALLY ALLOWED BY THE ENGINEER, COLUMN MEMBERS SHALL NOT BE MODIFIED BY THE ROTARY STRAIGHTENING PROCESS.
19. BOLTS IN CONNECTIONS NOT SPECIFIED AS SLIP-CRITICAL NEED ONLY BE TIGHTENED TO THE SNUG TIGHT CONDITION. THE SNUG TIGHT CONDITION IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN ALL PLIES IN A JOINT ARE IN FIRM CONTACT. IF A SLOTTED HOLE OCCURS IN AN OUTER PLY, A FLAT HARDENED WASHER OR COMMON PLATE WASHER SHALL BE INSTALLED OVER THE SLOT.
20. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND A.W.S. STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY A.W.S.) SHALL BE USED. DO NOT PAINT OR GALVANIZE AREAS OF PIECES TO BE FIELD WELDED, OR REMOVE PAINT AND GALVANIZING IN FIELD PRIOR TO WELDING. WELDING OF GRADE 60 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING LOW HYDROGEN ELECTRODES. WELDING WITHIN 4" OF COLD BENDS IN REINFORCING STEEL IS NOT PERMITTED. SEE REINFORCEMENT NOTE FOR MATERIAL REQUIREMENTS OF WELDED BARS.  
  
THE WELD SYMBOLS SHOWN ON THE DRAWINGS ARE INTENDED ONLY TO AID THE CONTRACTOR IN THE DETERMINATION OF FIELD VERSUS SHOP WELDING. THE CONTRACTOR SHALL WORK WITH THE FABRICATOR AND ERECTOR TO COORDINATE THE FINAL DETERMINATION OF FIELD VERSUS SHOP WELDS TO ACCOMMODATE THE CONSTRUCTION SEQUENCING OF THE PROJECT.  
  
ALL WELDS SHALL BE MADE WITH A FILLER WELD METAL THAT HAS A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FT.-LBS. AT 0 DEGREES F. PROPOSED FILLER MATERIAL FOR BOTH SHOP AND FIELD WELDS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION.
21. WELDING TO EXISTING STEEL: MEMBERS 3/8" TO 3/4" THICK SHALL USE A MINIMUM PREHEAT AND INTERPASS TEMPERATURES OF 230 DEGREES F. MEMBERS LESS THAN 3/8" THICK SHALL USE A MINIMUM PREHEAT AND INTERPASS TEMPERATURE OF 160 DEGREES F. PRIOR TO WELDING TO EXISTING STEEL, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A DETAILED WELDING PROCEDURE. REMOVE ALL EXISTING PAINT AT THE WELD AREA, WHERE OCCURS. ALL WELDS TO EXISTING STEEL SHALL REQUIRE CONTINUOUS INSPECTION AND SHALL BE PERFORMED IN THE PRESENCE OF THE SPECIAL INSPECTOR.

## SHEET INDEX

S1.0	GENERAL STRUCTURAL NOTES
S2.0	PARTIAL PLAN & DETAILS

JPC ARCHITECTS

909 112th Ave NE Suite 206  
Bellevue, WA 98004

## 1st Ave. Canopies

411 1st Ave. South  
Seattle, WA

DESIGN: JHC  
DRAWN: CJR  
CHECKED: RHC  
NO.: S182206-02-16

**COUGHLIN  
PORTER  
LUNDEEN**

801 SECOND AVENUE, SUITE 900  
SEATTLE, WA 98104  
(206) 343-0480 www.cplinc.com

No	Description	Date
1	PERMIT SET	04/26/2022



APPROVED STAMP  
GENERAL STRUCTURAL NOTES

**S1.0**

© 2022, JPC ARCHITECTS, LLC

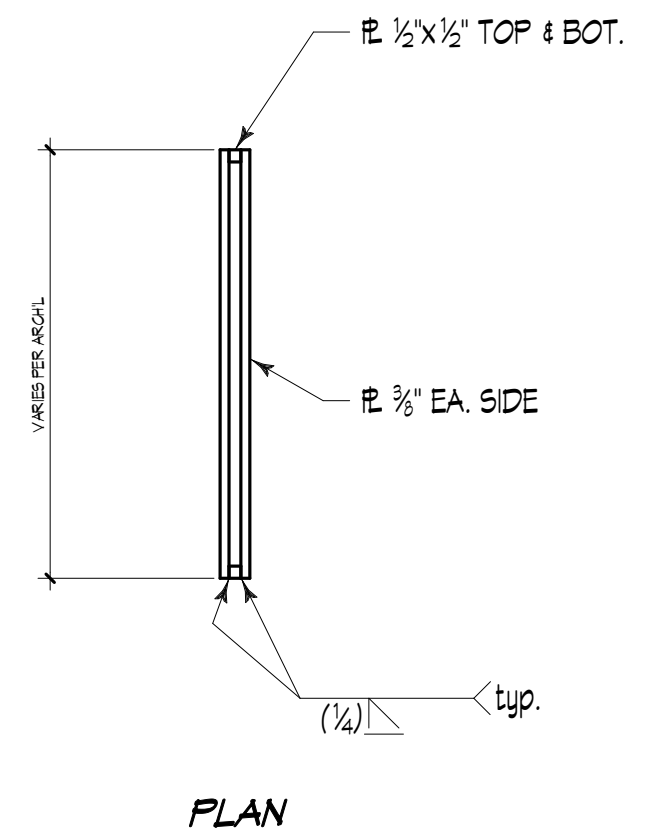
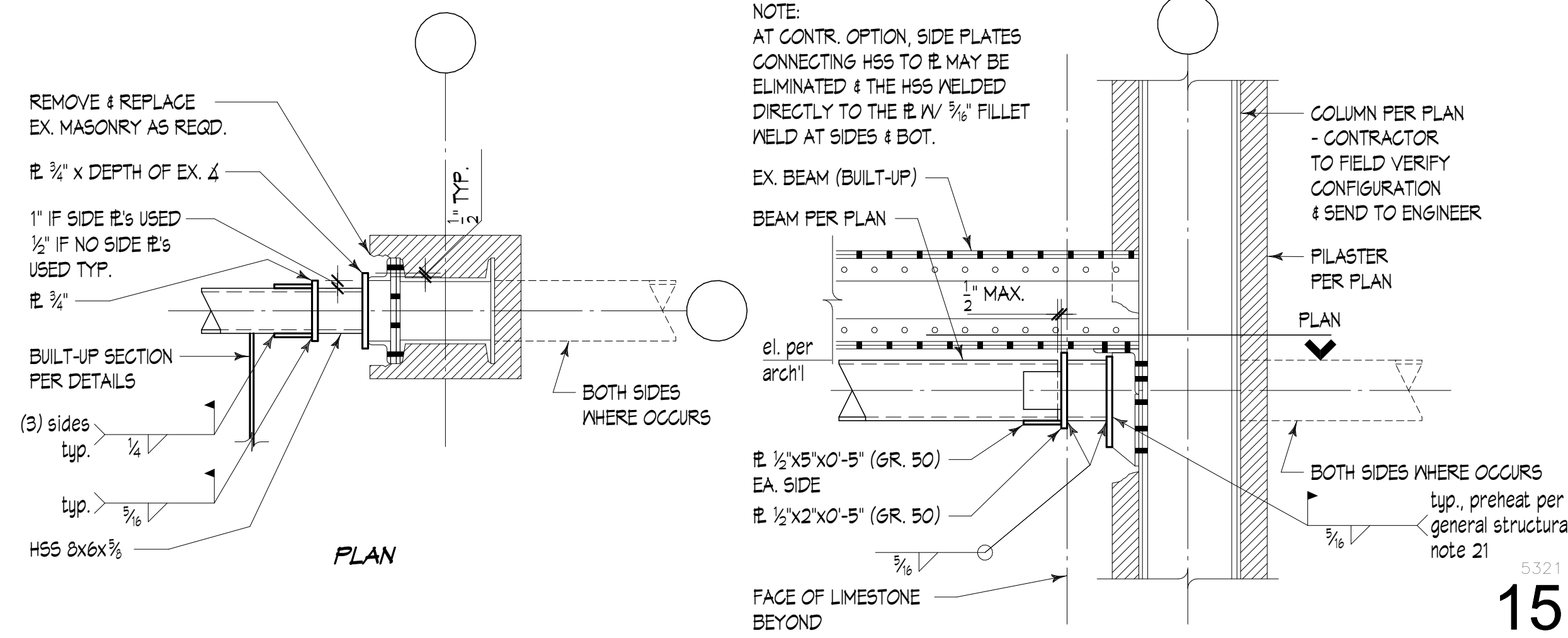
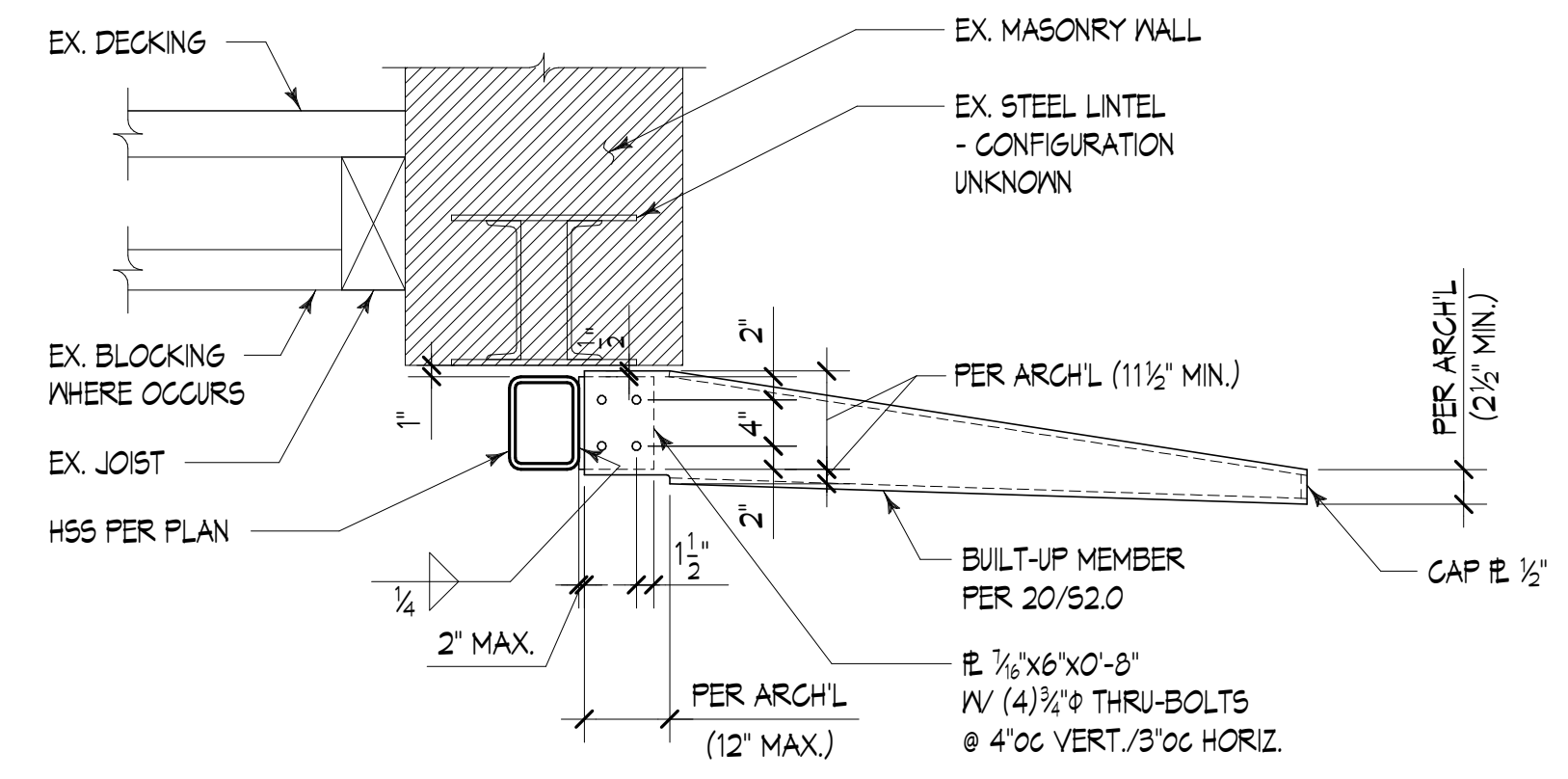
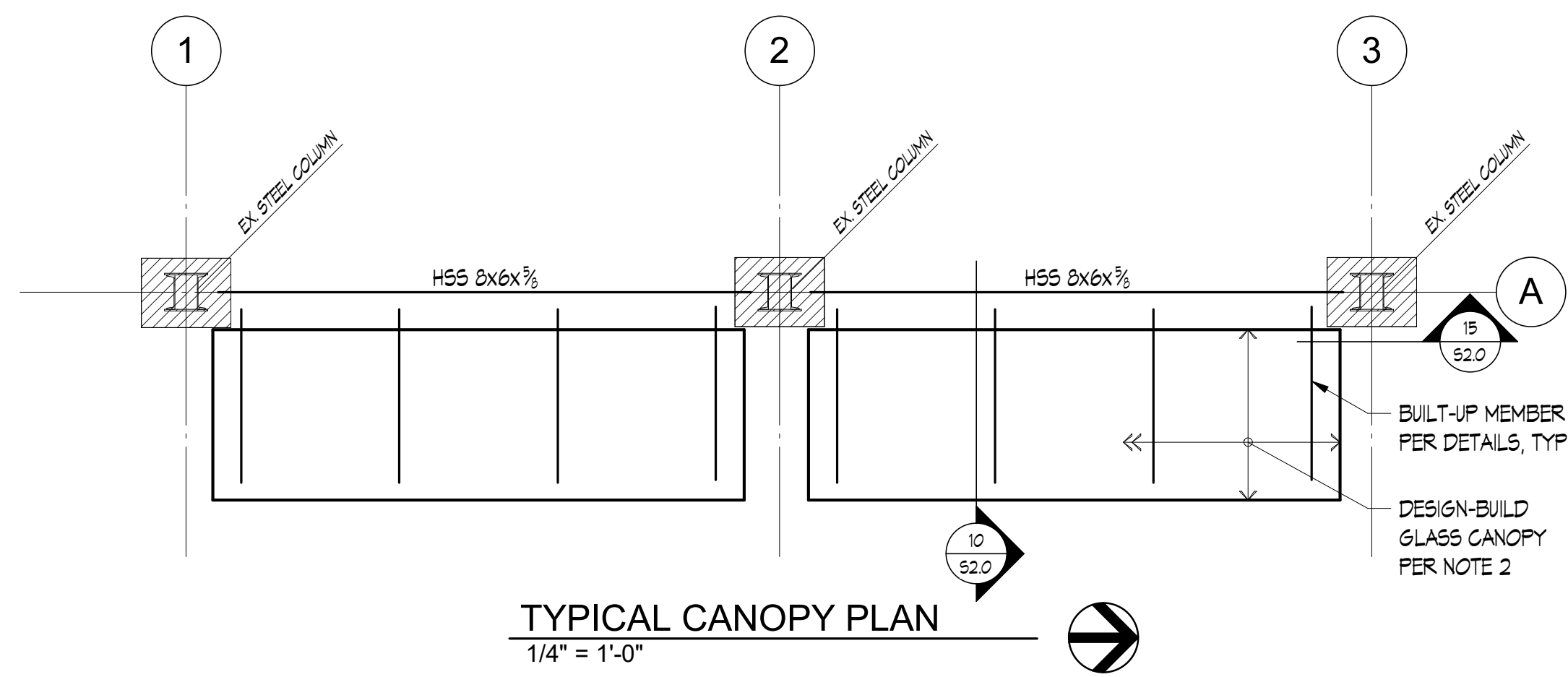


PLAN NOTES:

- 1. DIMENSIONS PER ARCHITECTURAL.
- 2. ALL GLASS AND GLASS ATTACHMENTS ARE DESIGN-BUILD COMPONENTS. ALL DESIGN-BUILD GLASS COMPONENTS SHALL BE DESIGNED, DETAILED, AND SUPPLIED BY THE MANUFACTURER FOR THE LOADS NOTED ON S.I.O. ALL GLASS AND GLASS ATTACHMENTS SHALL BE DESIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND SHALL BE SUPPLIED AND INSTALLED BY SUPPLIERS AND SUBCONTRACTORS AS DIRECTED BY THE GENERAL CONTRACTOR.

LEGEND:

EXISTING MASONRY THIS LEVEL



1st Ave. Canopies

411 1st Ave. South  
Seattle, WA

DESIGN: JHC  
DRAWN: CJR  
CHECKED: RHC  
NO.: S182206-02-16

COUGHLIN PORTER LUNDEEN

801 SECOND AVENUE, SUITE 900  
SEATTLE, WA 98104  
(206) 343-0480 www.cplinc.com

No	Description	Date
1	PERMIT SET	04/26/2022



PARTIAL PLAN & DETAILS

S2.0