JPC ARCHITECTS

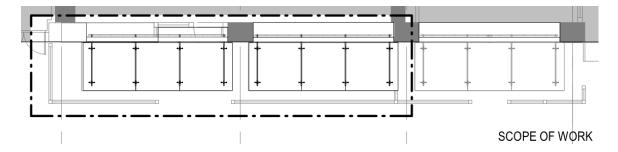
Hudson Pacific Properties

411 Awning Project

411 1st 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)

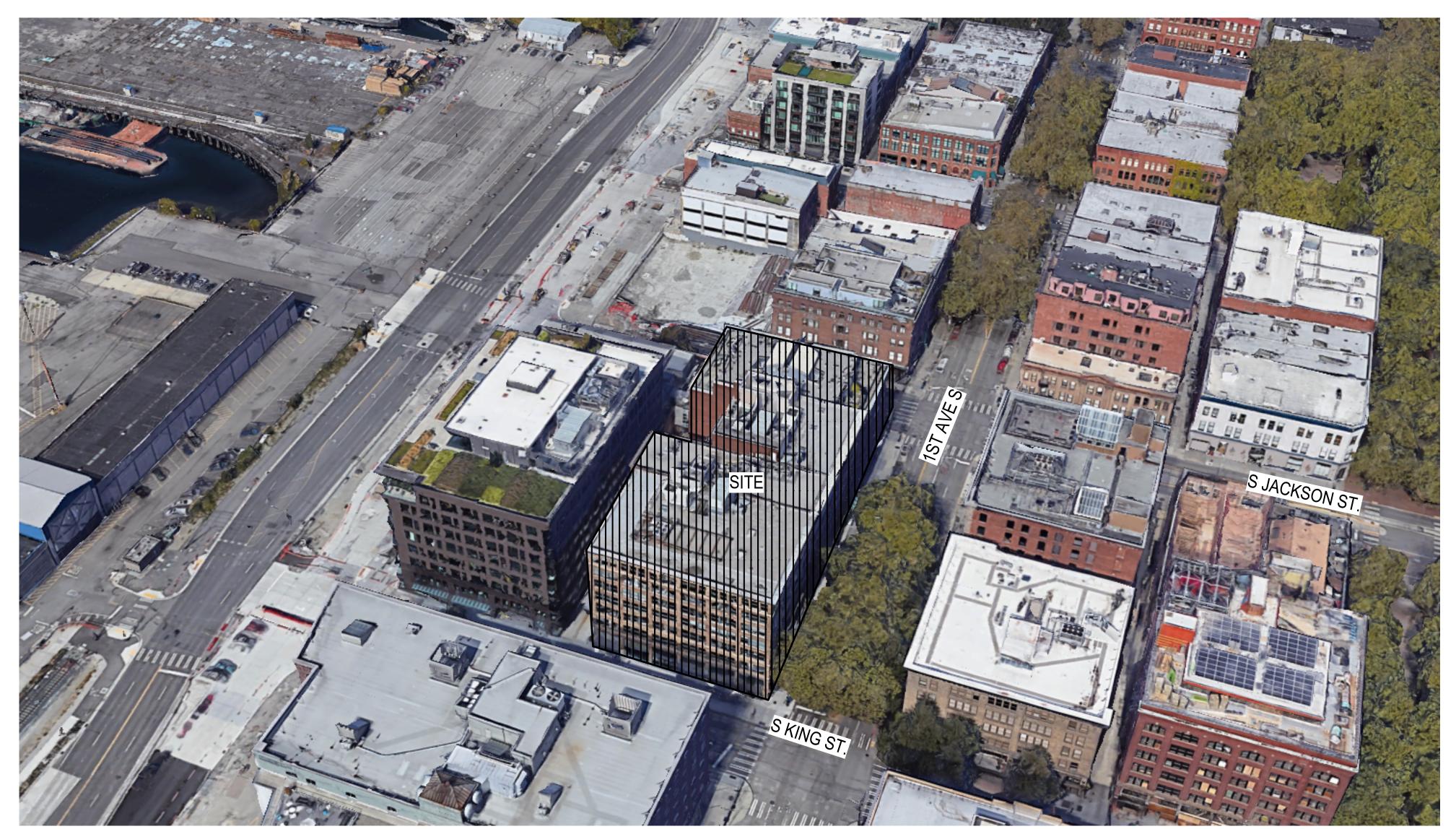






MERRILL PLACE, EXTERIOR AWNING EXPANSION





DRAWING INDEX:

01 - ARCH/INTR SHEET SET

COVER SHEET & SITE PLAN GENERAL REQUIREMENTS NOTES

OVERALL FIRST FLOOR PLAN PLAN AND ELEVATION

CANOPY ENLARGED PLANS, SECTIONS & DETAILS

GENERAL STRUCTURAL NOTES PARTIAL PLAN AND DETAILS

VICINITY MAP:



LEGAL DESCRIPTION:

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 TGW VAC ALLEY LESS MERRILL PLACE BUILDING CONDOMINIUM

Architect:

JPC ARCHITECTS, LLC 909 112th Ave NE SUITE 206

BELLEVUE, WA 98004

jeanniec@jpcarchitects.com

Gen. Contractor:

julieg@jpcarchitects.com

(425) 641-9200

JEANNIE CHEE

JULIE GLENN

DESCRIPTION OF WORK:

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

PROJECT TEAM:

Property Owner: HUDSON PACIFIC PROPERTIES 411 FIRST AVE. SOUTH

SUITE 300N SEATTLE, WA 98104

(206) 582-7121 **BEN SWENSON** bswenson@hudsonppi.com

Structural Engr:

COUGHLIN PORTER LUNDEEN 801 2ND AVE SUITE #900 SEATTLE, WA 98104

(206) 343-0460 REBECCA HIX COLLINS RebeccaC@cplinc.com

CODE INFORMATION:

PROJECT ADDRESS: HUDSON MERRILL PLACE LLC 411 1ST AVE S SEATTLE, WA 98104

CONSTRUCTION TYPE: IV - HT SPRINKLED (903.3.1.1)

PSM-100/100-120,PS-DF OCCUPANCY:

TENANT SQUARE FOOTAGE: (AREA OF WORK) -

2018 INTERNATIONAL FIRE CODE (IFC), WAC 51-54A, INCLUDING APPENDIX B & C FIRE CODE:

ENERGY CODE: 2018 WASHINGTON STATE ENERGY CODE, WAC

APPLICABLE EDITIONS OF BUILDING CODES:

MECHANICAL

2018 INTERNATIONAL MECHANICAL CODE (IMC), WAC 51-52 2020 NATIONAL ELECTRICAL CODE (NEC) (NFPA 70), 2020 WASHINGTON CITIES ELECTRICAL CODE WITH

2018 INTERNATIONAL EXISTING BUILDING CODE

PLUMBING CODE: 2018 UNIFORM PLUMBING CODE (UPC), WAC 51-56 & 51-57 INCL. APPENDICES A, B, AND I.

APPLICABLE RCW 19.28 & WAC 296-46B

BUILIDING CODE: 2018 INTERNATIONAL BUILDING CODE (IBC), WAC

BUILDING CODE: (IEBC), 301.3.2 WORK AREA COMPLIANCE METHOD

ZONING CODE: CITY OF SEATTLE

ACCESSIBILITY ICC/ANSI A117.1-2009 ACCESSIBILE AND USABLE BUILDING AND FACILITIES

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

> **DESIGN:** JPC ARCHITECTS CHECKED: project manager

No Description



04/01/2022 PERMIT SET

COVER SHEET & SITE PLAN

2. ALL WORK SHALL CONFORM TO APPLICABLE CURRENT FEDERAL, STATE AND LOCAL CODES. THE CONTRACTOR IS TO PROVIDE FOR ALL REQUIRED NOTIFICATION OF AND COORDINATION WITH CITY AND STATE AGENCIES. AND PROVIDE REQUIRED PERMITS. ALL TESTS AND INSPECTIONS ASSOCIATED WITH OBTAINING APPROVALS TO PROCEED WITH AND COMPLETE THE WORK SHALL BE PAID FOR BY THE CONTRACTOR

3. THE INTENT OF THE CONTRACT DOCUMENTS IS TO INCLUDE ALL LABOR AND MATERIALS, EQUIPMENT AND TRANSPORTATION NECESSARY OR REASONABLY INFERABLE AS BEING NECESSARY FOR THE EXECUTION OF THE WORK. BY SUBMITTING A PROPOSAL, THE CONTRACTOR REPRESENTS THAT THOROUGH EXAMINATION OF THE SITE AND ALL EXISTING CONDITIONS AND LIMITATIONS HAVE BEEN MADE AND THAT THE CONTRACT DOCUMENTS HAVE BEEN EXAMINED IN COMPLETE DETAIL, AND THAT IT IS DETERMINED BEYOND DOUBT THAT THE DRAWINGS, SPECIFICATIONS AND EXISTING CONDITIONS ARE SUFFICIENT, ADEQUATE AND SATISFACTORY FOR CONSTRUCTION OF THE WORK. WHERE MINOR ADJUSTMENTS TO THE WORK ARE NECESSARY FOR THE PURPOSES OF FABRICATION AND INSTALLATION OF ITEMS, OR RESOLUTIONS OF CONFLICTS BETWEEN ITEMS, WITHIN THE INTENT OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL MAKE SUCH ADJUSTMENTS AT NO ADDED EXPENSE TO THE OWNER. WHERE SUCH MINOR ADJUSTMENTS AFFECT FUNCTIONAL OR AESTHETIC DESIGN OF THE WORK, THEY SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL.

THE CONTRACTOR SHALL COORDINATE ALL OPERATIONS WITH THE OWNER, INCLUDING AREA FOR WORK, MATERIALS STORAGE, AND ACCESS TO AND FROM THE WORK, SPECIAL CONDITIONS OR NOISY WORK, TIMING OF WORK AND INTERRUPTION OF MECHANICAL AND ELECTRICAL SERVICES. NOISY OR DISRUPTIVE WORK SHALL BE SCHEDULED AT LEAST ONE (1) WEEK IN ADVANCE OF THE TIME WORK IS TO COMMENCE.

5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HIGHEST STANDARD OF WORKMANSHIP IN GENERAL AND WITH SUCH STANDARDS AS ARE SPECIFIED.

6. CONTRACTOR SHALL ADHERE TO ALL BUILDING STANDARDS. ANY CHANGES TO SAME SHALL BE SUBMITTED TO ARCHITECT IN WRITING FOR APPROVAL.

CONTRACTOR SHALL SUBMIT SAMPLES OF ALL FINISHES OF SUCH SIZE AND NUMBER THAT THEY REPRESENT A REASONABLE DISTRIBUTION OF COLOR RANGES AND PATTERN PRIOR TO INSTALLATION FOR ARCHITECT'S APPROVAL. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND PRODUCT DATA FOR ARCHITECT'S APPROVAL ON ALL SPECIAL ITEMS REQUIRING CUSTOM FABRICATION. (SHALL INCLUDE RATED FIRE DOORS AND HARDWARE).

8. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE AND NOTIFY ARCHITECT OF ANY DISCREPANCIES. CONTRACTOR IS NOT TO SCALE OFF DRAWINGS.

9. CONTRACTOR SHALL PROVIDE 18-GAUGE SHEET METAL BACKING IN PARTITIONS FOR ALL WALL-MOUNTED FIXTURES AND DEVICES UNLESS INDICATED OTHERWISE ON THE DRAWINGS.

10. ALL FLOORS SHOULD BE LEVEL AND NOT VARY MORE THAN 1/4" IN 10'-0". THE CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONDITIONS THAT DO NOT MEET THIS STANDARD.

11. ALL MATERIALS INDICATED TO MATCH EXISTING SHALL DO SO WITH RESPECT TO SIZE, SHAPE, COLOR, TEXTURE, PATTERN, QUALITY AND METHOD OF INSTALLATION INSOFAR AS PRACTICABLE AND SHALL BE APPROVED BY THE ARCHITECT BEFORE USE.

12. ALL FIREPROOFING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED TO MATCH ORIGINAL FIRE PROTECTION LEVELS. (OBTAIN REQUIRED APPROVALS AND TESTING).

13. THE FLOORS MAY BE OCCUPIED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL PERSONNEL, PASSERSBY OR VISITORS TO THE SITE FROM HARM AND INJURY. BARRIERS SHALL BE INSTALLED AS REQUIRED TO PROTECT EQUIPMENT INSTALLED DURING CONSTRUCTION. CAREFULLY MAINTAIN AND PROTECT MONUMENTS, BENCH MARKS AND THEIR REFERENCE POINT FROM BEING DESTROYED OR DISTURBED; REPLACE AS REQUIRED.

14. EXISTING WORK DAMAGED AS A RESULT OF WORK DONE UNDER THIS CONTRACT SHALL BE REPAIRED TO ORIGINAL CONDITION AND FINISHED TO MATCH ADJACENT FINISHES, SUBJECT TO ARCHITECT'S APPROVAL, AND AT NO ADDITIONAL COST TO OWNER. ALL REPLACEMENT MATERIALS REQUIRED TO MATCH EXISTING MATERIALS SHALL DO SO WITH RESPECT TO TYPE. PATTERN, TEXTURE, SIZE, SHAPE, COLOR AND METHOD OF INSTALLATION INSOFAR AS PRACTICABLE, AND SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO INSTALLATION.

15. ALL EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT AND SERVICES DISRUPTED OR REMOVED DURING CONSTRUCTION SHALL BE RESTORED AND REPLACED UNLESS NOTED OTHERWISE. FIRE/LIFE SAFETY SYSTEMS TO BE MAINTAINED DURING CONSTRUCTION.

16. INSTALLATION OF MECHANICAL. ELECTRICAL AND STRUCTURAL SYSTEMS WILL REQUIRE OPENING OF SOME EXISTING WALLS, CEILINGS OR FLOOR CAVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF THESE OPENINGS TO MATCH EXISTING. EXCEPT WHERE NOTED OTHERWISE. FILL ALL HOLES AND VOIDS IN FLOORS, WALLS AND CEILINGS WHICH RESULT FROM INSTALLATION OF WORK, AND REMOVAL OF EXISTING MATERIALS AND EQUIPMENT REQUIRED BY THIS CONTRACT. PATCHED AREAS SHALL MATCH THE MATERIALS, FINISHES, AND LEVELS ADJACENT, OR SHALL BE PUT IN THE PROPER CONDITION TO RECEIVE THE FINISH INDICATED.

17. OPENINGS REQUIRED FOR NEW WORK THAT PENETRATES EXISTING STRUCTURE SHALL BE COORDINATED. WITH OWNER PRIOR TO COMMENCING THE WORK. ANY OPENING OVER 2" IN DIAMETER SHALL BE REVIEWED AND APPROVED BY OWNER. THROUGH CONCRETE SLABS OR WALLS, OR MASONRY WALLS, ALL ROUND HOLES SHALL BE CORE DRILLED WITH A DIAMOND DRILL AND ALL RECTANGULAR OPENINGS SHALL BE CUT WITH A DIAMOND SAW. IN NO CASE SHALL ANY STRUCTURAL MEMBER BE CUT. USE CARBIDE-TIPPED DRILLS FOR GYPSUM WALLBOARD PARTITIONS. KEEP OVERCUTTING TO A MINIMUM. MAINTAIN CONTINUITY AND INTEGRITY OF FIRE SEPARATION AT ALL TIMES. GROUT AROUND CONDUITS PASSING THROUGH CONCRETE WALLS AND FLOORS AND MASONRY WALLS. MAKE PATCHES WITH NEAT, TRIMMED EDGES; MATCH ADJACENT EXISTING WORK.

18. CONTRACTOR SHALL PROVIDE FLOOR LEVELING AS MAY BE REQUIRED AT SLIDING DOORS. RELITES WITHOUT BASE, CABINET WORK, AND OTHER LOCATIONS REQUIRING LEVEL SUBSTRATE. FEATHER CHANGES IN ELEVATION OVER SUFFICIENT AREA TO LIMIT TRANSITION SLOPE TO 1/8" PER FOOT.

19. MATERIALS, ARTICLES, DEVICES AND PRODUCTS ARE SPECIFIED IN THE DOCUMENTS BY LISTING ACCEPTABLE MANUFACTURERS OR PRODUCTS, BY REQUIRING COMPLIANCE WITH REFERENCED STANDARDS, OR BY PERFORMANCE SPECIFICATIONS. FOR ITEMS SPECIFIED BY NAME, SELECT ANY PRODUCT NAMED. FOR THOSE SPECIFIED BY REFERENCE STANDARDS OR BY PERFORMANCE SPECIFICATIONS SELECT ANY PRODUCT MEETING OR EXCEEDING SPECIFIED CRITERIA. FOR APPROVAL OF AN ITEM NOT SPECIFIED, SUBMIT REQUIRED SUBMITTALS, PROVIDING COMPLETE BACK-UP INFORMATION FOR PURPOSES OF EVALUATION. WHERE BUILDING STANDARD ITEMS ARE CALLED FOR, NO SUBSTITUTE WILL BE ACCEPTED.

20. CONTRACTOR SHALL PROVIDE FOR ALL WORK REQUIRED TO MAINTAIN COMPLIANCE WITH LOCAL FIRE CODE. PROVIDE FOR ALL REQUIRED SHOP DRAWINGS AND APPROVALS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING FIRE ALARM SYSTEM AUDIBILITY.

21. MECHANICAL AND ELECTRICAL FIXTURES, OUTLETS, ETC., WHEN SHOWN ON THE ARCHITECTURAL DRAWINGS, ARE FOR LOCATION INFORMATION ONLY. MECHANICAL AND ELECTRICAL TO BE DESIGNED BY OTHERS. ALL CIRCUITING COORDINATION TO BE BY OTHERS.

22. CONTRACTOR IS TO PROVIDE DRAWINGS FOR ARCHITECT'S APPROVAL SHOWING LOCATIONS OF ALL HVAC THERMOSTATS, GRILLES AND DIFFUSERS, FIRE AND SMOKE DETECTION DEVICES INCLUDING SPRINKLERS, SMOKE DETECTORS, FIRE EXTINGUISHERS AND HOSE CABINETS.

23. ANY CHANGE IN LIGHT FIXTURE PLACEMENT DUE TO INTERFERENCE OF MECHANICAL OR STRUCTURAL COMPONENTS MUST BE APPROVED BY THE ARCHITECT.

24. ALL PERMITS INCLUDING FIRE, MECHANICAL, AND ELECTRICAL TO BE FILED SEPARATELY.

25. ALL GYPSUM BOARD PARTITIONS SHALL BE TAPED, SPACKLED AND SANDED SMOOTH WITH NO VISIBLE JOINTS. PATCH AND REPAIR SURFACES TO MATCH ADJACENT OR ADJOINING SURFACES WHERE REQUIRED. ALL SURFACES SHALL BE ALIGNED.

26. MODIFY EXISTING SUBSTRATE AS REQUIRED TO RECEIVE NEW FLOORING MATERIALS, THUS PREVENTING NOTICEABLE LUMPS OR DEPRESSIONS.

27. ALL WORK SHALL BE ERECTED AND INSTALLED PLUMB, LEVEL, SQUARE AND TRUE.

28. REFER TO MILLWORK SHOP DRAWINGS FOR SPECIFIC DETAILS OF COORDINATION BETWEEN DRYWALL/MILLWORK CONDITIONS.

29. ALL GLASS SHALL BE CLEAR TEMPERED GLASS, UNLESS OTHERWISE NOTED. GLAZING TONG MARKS SHALL NOT BE VISIBLE. CLEAN AND POLISH ALL GLASS PRIOR TO PROJECT DELIVERY.

30. ALL MILL WORK TO BE FASTENED TO THE PARTITION, PROVIDE NON-COMBUSTIBLE BLOCKING FOR ALL

MILLWORK NOT SUPPORTED BY FLOOR OR ABOVE 4'-0" HT. ALL CONCEALED LUMBER & BLOCKING TO BE

31. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR: CARPET SEAMING, LIGHTING, CASEWORK, DOORS, FRAMES, DOOR HARDWARE, FINISHES, STAIR STEEL, GUARDRAIL SYSTEM, HANDRAIL SYSTEM, GLAZING SYSTEMS, GLASS, INSULATION AND WALL COMPONENTS, PLUMBING FIXTURES AND ACCESSORIES,

OPERABLE PARTITION, STRUCTURAL STEEL.

32. MOISTURE TEST - REQUIRED FOR ALL ON GRADE SLAB CONDITIONS DURING THE CONSTRUCTION ESTIMATING/BUDGETING PROCESS THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING FROM THE BUILDING OWNER DOCUMENTATION AS TO THE VAPOR EMISSIONS RATE (MOISTURE TEST) FOR ALL "ON GRADE SLAB CONDITIONS". THIS INFORMATION SHOULD THEN BE IMMEDIATELY SHARED BETWEEN THE ARCHITECT, THE ARCHITECTS' SELECTED FLOORING REPRESENTATIVE(S), AND FLOORING SUB-CONTRACTOR FOR REVIEW AND APPROVAL OF APPLICABLE MATERIALS AND ANCILLARY INSTALLATION/FINISH PRODUCTS. IF NO MOISTURE TEST CAN BE FURNISHED OR IF FINDING ARE IN QUESTION THE GENERAL CONTRACTOR SHALL PERFORM THE FOLLOWING TESTS:

A. PROVIDE (3) CALCIUM CHLORIDE MOISTURE TESTS FOR THE FIRST THOUSAND SQUARE FEET AND (1) TEST FOR EVERY ONE THOUSAND SQUARE FEET THEREAFTER AT ALL FLOORS WITHIN SCOPE OF WORK THE CALCIUM CHLORIDE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF ASTM F 1869 "STANDARD TEST METHOD" FOR MEASURING VAPOR EMISSIONS RATE OF CONCRETE SUN-FLOOR USING ANHYDROUS CALCIUM CHLORIDE. PROVIDE A WRITTEN REPORT OF FINDINGS TO THE ARCHITECT AS NOTED ABOVE.

B. PROVIDE A PH PENCIL TEST AT ALL FLOORS WITHIN SCOPE OF WORK. PROVIDE A WRITTEN REPORT OF FINDINGS TO THE ARCHITECT AS NOTED ABOVE. IF REQUIRED BY THE CALCIUM CHLORIDE TEST, A WATERPROOF MEMBRANE SHALL BE APPLIED TO ALL FLOORS WITHIN THE SCOPE OF WORK. THE WATERPROOF MEMBRANE(S) SHALL BE APPROPRIATED FOR EACH FINISH FLOORING APPLICATION AS SPECIFIED BY THE SPECIFIC FLOORING MANUFACTURER VIA THE ARCHITECT. A LICENSED INSTALLER SHALL BE UTILIZED FOR INSTALLATION/APPLICATION OF EACH SPECIFIC MEMBRANE (AS APPLICABLE TO THE FINISH FLOORING PRODUCT) AND A WRITTEN WARRANTY SHALL BE PROVIDED DOCUMENTING STRICT CONFORMANCE TO THE SPECIFIED MANUFACTURES INSTALLATION REQUIREMENTS TO ENSURE AND UPHOLD ALL PERFORMANCE AND LIFE CYCLE GUARANTEES.

33. CONCRETE SLAB ON GRADE REPAIR - MINOR SCOPE (100 SQUARE FEET OR LESS) WHERE CONCRETE SLAB ON GRADE INFILL AND TRENCHING MUST OCCUR; CONDUCT THE APPROPRIATE UNDER SLAB INVESTIGATION (VIA SONO-GRAPH AND/OR X-RAY) TO LOCATE EXISTING UTILITIES OR OTHER OBSTRUCTIONS THAT SHOULD NOT BE DAMAGED. SAW CUT SLAB AT SUBJECT AREA(S) AND PULL BACK THE EXISTING VAPOR BARRIER (IF PRESENT) AND PROTECT FOR FUTURE RE-INSTALLATION. EXECUTE THE NECESSARY UNDER SLAB WORK (INCLUDING EXCAVATION), BACKFILL AND RE-COMPACT THE SUBJECT AREA WITH THE PREVIOUSLY HELD MATERIALS (IF THE EXCAVATED MATERIALS ARE NOT SUITABLE FOR RE-INSTALLATION, DISCARD AND PROVIDE NEW FREE DRAINING GRANULAR MATERIAL RE-COMPACT FILL SOIL TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY (MDD) OBTAINED IN GENERAL ACCORDANCE WITH THE ASTM D 1557 TEST PROCEDURE. RE-INSTALL THE EXISTING VAPOR BARRIER AND BIND SEAMS WITH MINIMUM 3" WIDE PRESSURE SENSITIVE TAPE TO ENSURE AN AIR/MOISTURE RESISTANT BOND. ATTACH NEW INFILL TO EXISTING CONCRETE SLAB WITH 18 INCH LONG #4 REBAR AT 24 INCHES ON CENTER EMBEDDED 8 INCHES INTO THE EXISTING CONCRETE SLAB WITH HILTI HIT-HY 200 ADHESIVE (OR SIMPSON SET ADHESIVE). REINFORCEMENT SHALL BE INSTALLED PER ADHESIVE MANUFACTURER'S RECOMMENDATIONS. PROVIDE W2 X W2 X 6 X 6 WELDED WIRE FABRIC WITHIN SUBJECT AREA(S), INFILL SLAB TO MATCH THICKNESS OF ADJACENT SURFACE(S) (BUT NOT BE LESS THAN FOUR INCHES THICK) AND #4 DOWELS SHALL BE CENTERED IN SLAB. THE CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI WITH A MAXIMUM WATER CEMENT RATION OF 0.58 AND IS TO BE PLACED LEVEL WITH ADJACENT SURFACES. LET CURE AND PROVIDE MOISTURE TESTING AS SPECIFIED ABOVE.

REFER TO STRUCTURAL PLANS, IF APPLICABLE, FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.

34. CLEAN, REPAIR ANY EXISTING PERIMETER BLINDS AS REQUIRED TO BE IN A FULLY FUNCTIONING & OPERATIONAL MANNER.

35. COORDINATE WITH SUB-CONTRACTORS THE LOCATIONS OF ELECTRICAL AND VOICE/DATA OUTLETS,

36. CASEWORK SHALL CONFORM TO A.W.I. CURRENT STANDARDS.

ABBREVIVATIONS:

- AIR CONDITIONING

- ACOUSTICAL CEILING TILE

- ACOUSTICAL CEILING BAFFLE

ACP - ACOUSTICAL CEILING PANEL MEZ - MEZZANINE - ABOVE FINISH FLOOR MFR - MANUFACTURE(R) - AUTHORITIES HAVING JURISTICTION AHJ MIN - MINIMUM - ALTERNATE MISC - MISCELLANEOUS - METAL MTC - METAL CEILING - BOARD - BLINDS (WINDOW) MTD MOUNTED BLDG - BUILDING MUL - MULLION B.O. - BOTTOM OF - BUILDING STANDARD - NORTH - NOT IN CONTRACT NIC - BUILT UP NTS - NOT TO SCALE - CABINET - CORNER GUARD - OVERALL - CEILING OC - ON CENTER CLR - CLEAR(ANCE) OD - OUTSIDE DIAMETER - CONCRETE OH - OPPOSITE HAND - COLUMN OPNG OPENING COMP - COMPRESSION OTS - OPEN TO STRUCTURE - CONSTRUCTION CONT - CONTINUOUS - PLUMBING FIXTURE CORR - CORRIDOR - PLASTIC LAMINATE - CARPET - PANEL PNL - CARD READER PR - PAIR CTR - CENTER - PAINT - PARTITION

RAD

REFR

REINF

REQ

SEAL

SECT

STL

STOR

TEMP

TFCI

TFTI

- SIMILAR

- SQUARE

- STEEL

STRUC - STRUCTURAL

SUSP - SUSPENDED

STORAGE

- TACKBOARD

- TELEPHONE

INSTALLED

- THICKNESS

THRESH - THRESHOLD

TV - TELEVISION

UNFIN - UNFINISHED

TYP - TYPICAL

VEN - VENEER

VFY - VERIFY

VESTI - VESTIBULE

VERT

WD

- TENANT FURNISHED.

UNO - UNLESS NOTED OTHERWISE

UPHOLSTERY

- VERIFY IN FIELD

- WEST/WIDE

- WALL BASE

- WALLCOVERING

- WINDOW FILM

- WRITABLE WALL SUFACE

- WITH

- WITHOUT

- WOOD

- WEIGHT - WALL PANEL

WT - WALL TILE

VERTICAL

CONTRACTOR INSTALLED

- TENANT FURNISHED, TENANT

- TEMPERED

- SOLID SURFACE

- SPECIFICATION

- STAINLESS STEEL

- SPECIALTY COATING

REV

MAX - MAXIMUM

MEP

MECH - MECHANICAL

- MECHANICAL ELECTRICAL PLUMBING

DA - DRAPERY D/DEMO - DEMOLITION DTL - DETAIL - DRINKING FOUNTAIN - DIAMETER DIM - DIMENSION DN - DOWN DR - DOOR DWG - DRAWING

ACB

AFF

BD

BU

CO

COL

DRW - DRAWER - EAST/ EQUIPMENT - EACH - ELEVATION ELEC - ELECTRICAL ELEV ELEVATOR - EQUAL **EQUIP** - **EQUIPMENT** EST ESTIMATE

EXIST - EXISTING

- EXPANSION

- FACTORY FINISH

- FACE OF STUD(S)

- FACE OF FINISH

- FURRED/FURRING

- GLASS/GLAZING

HOLLOW CORE

- HOLLOW METAL

- HARDWARE SET

HVAC - HEATING VENTILATING AIR

CONDITIONING

HCPD - HANDICAPPED

HDR - HEADER

HDWR - HARDWARE

HORIZ - HORIZONTAL

INSUL - INSULATION

- JANITOR

- JOINT

- KITCHEN

- LIGHT FIXTURE

LAVATORY

- LEFT HAND

- HOUR

- HEIGHT

- GRAPHICS

- FOOT/FEET

- FACE OF CONCRETE

- GENERAL CONTRACTOR

- GYPSUM WALL BOARD

- FULL HEIGHT

FINISH(ED)

- FLOOR

FOS

FOC

FOF

FUR

GL

GWB

HR

KIT

- FIRE EXTINGUISHER CABINET

IF SCOPE OF WORK INCLUDES STRUCTURAL ELEVATED SLABS CONSULT A STRUCTURAL ENGINEER.

PLUMBING AND OTHER DEVICES WITH LAYOUT AND DESIGN OF CUSTOM CASEWORK.

- RELOCATED - RADIUS - RESILIENT FLOORING - REFERENCE - REFRIGERATOR - REINFORCING - REQUIRED - REVISION - RIGHT HAND - ROOM - ROUGH OPENING - ROOM SCHEDULER - SOUND BATT INSULATION - SOLID CORE - SEALANT MERRILL PLACE - SECTION - STATIC CONTROL FLOOR - SHEET

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

> **DESIGN:** JPC ARCHITECTS **DRAWN:** JC, TS CHECKED: CP 22-0169



No Description PERMIT SET	04/01

GENERAL REQUIREMENTS

SYMBOL LEGEND:

Â	WALL TAG
Ę	CENTER LINE
	ROOM NUMBER REFERENCE
(1001)	DOOR NUMBER REFERENCE
1	REVISION REFERENCE
?	REFERENCE KEY (REFER TO SHEET/KEY NOTES)
1 (-XX.) 1	INTERIOR ELEVATION SYMBOL
Ref A-XXX	DETAIL REFERENCE BUBBLE

PROJECT NORTH

FLOOR FINISH TAG

EQUIPMENT TAG WP WALL FINISH TAG

FLOORING TRANSITION TAG



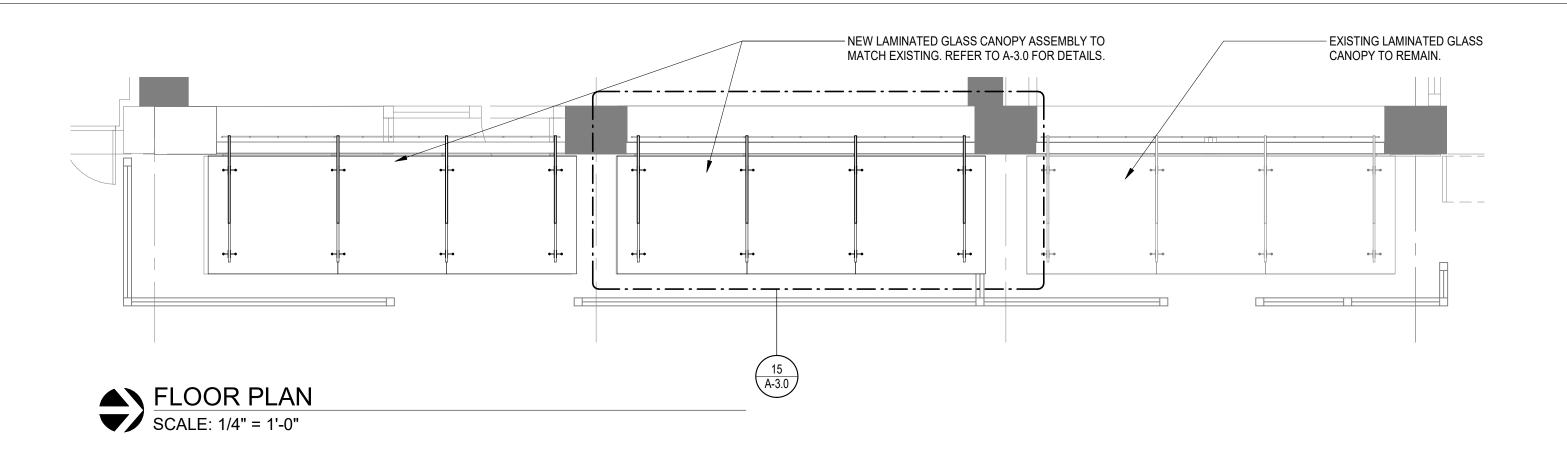
MERRILL PLACE EXTERIOR AWNING EXPANSION 411 1st Ave S, Seattle, WA 98104

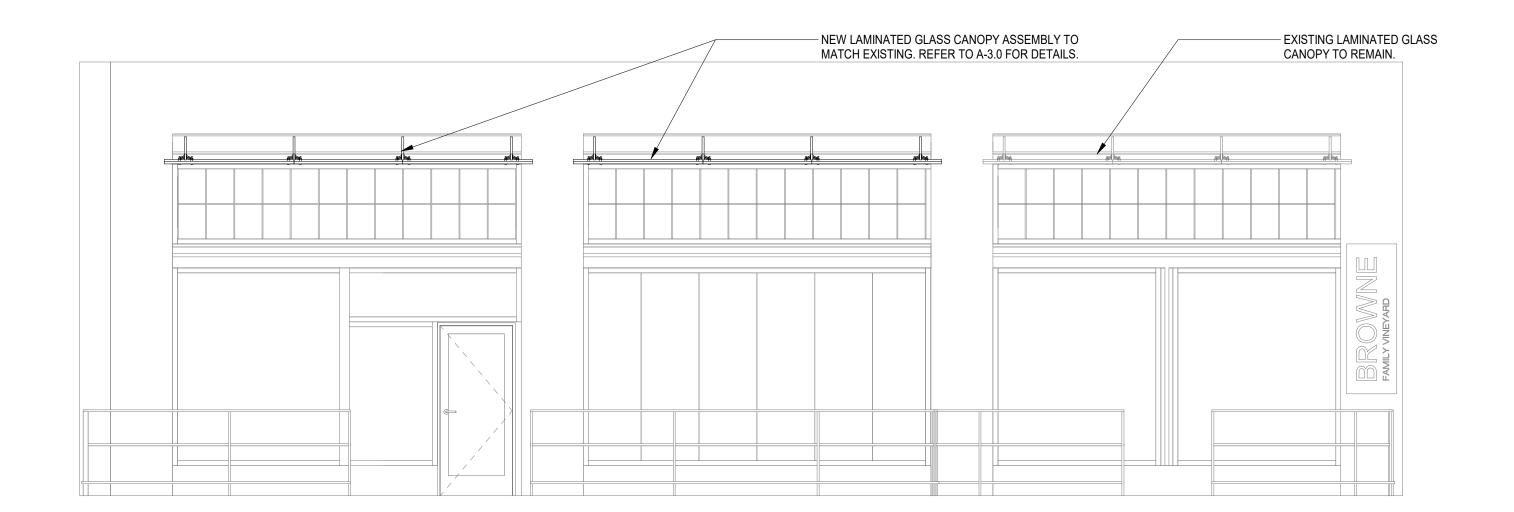
> **DESIGN:** Designer **DRAWN:** Author CHECKED: Checker **NO.:** 22-0169



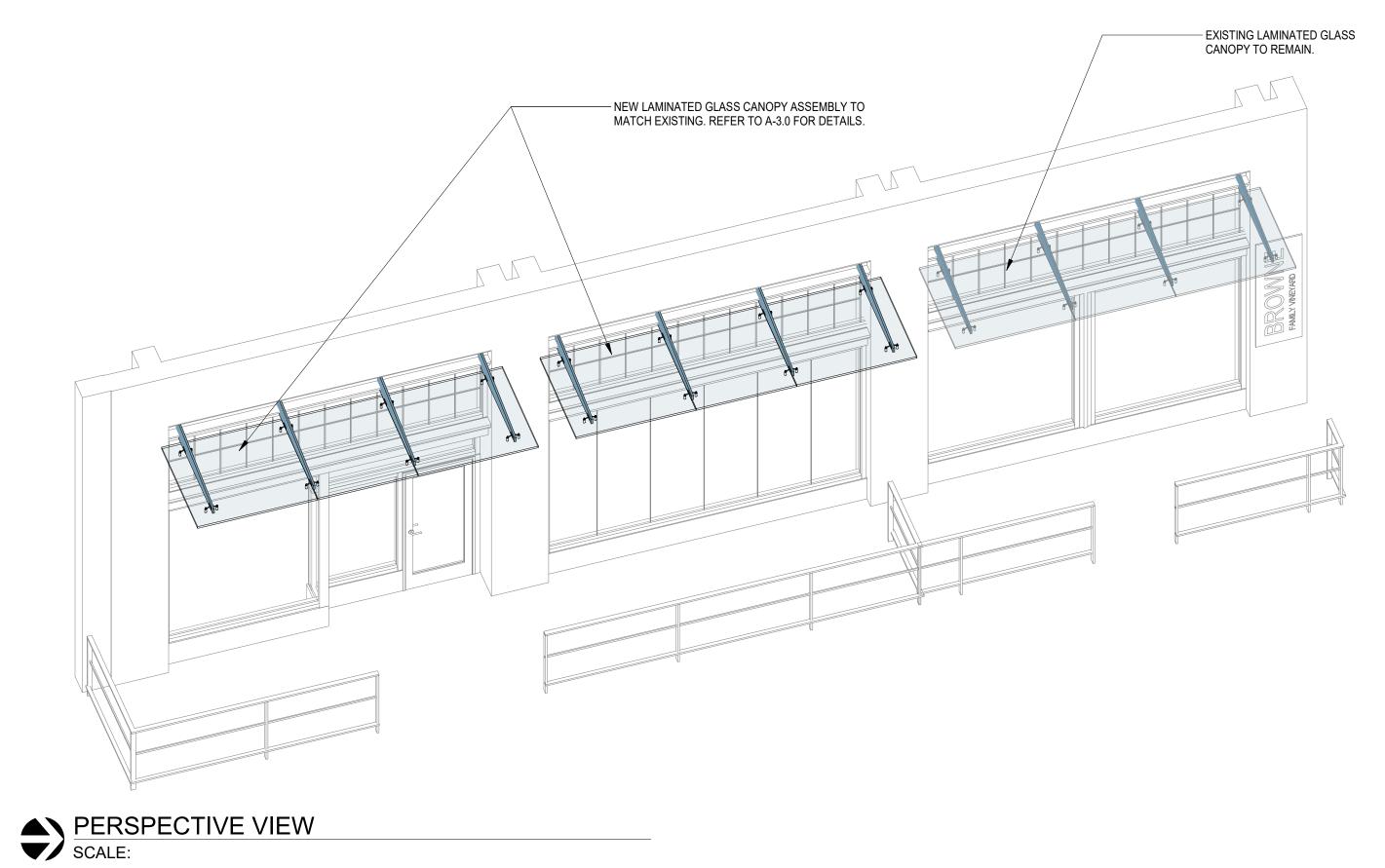
<u>10</u>	Description PERMIT SET		<u>Date</u> 04/01/2022

PLAN AND ELEVATION







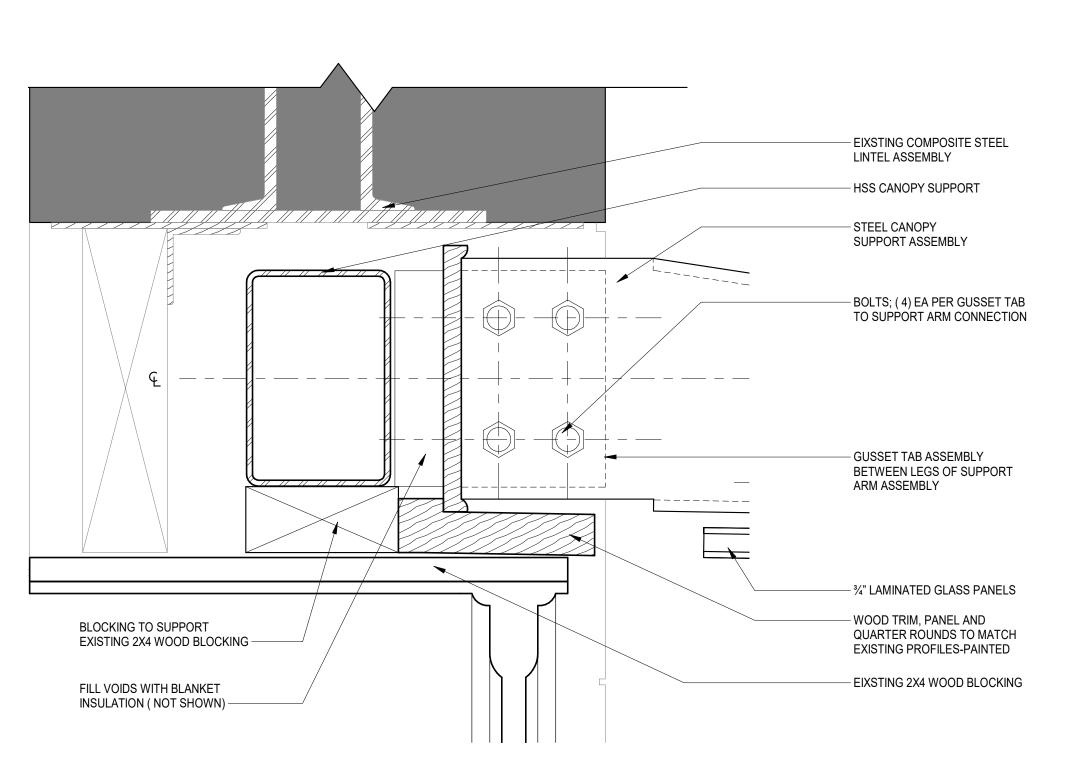


DESIGN: Designer DRAWN: CHECKED: Checker **NO.:** 22-0169

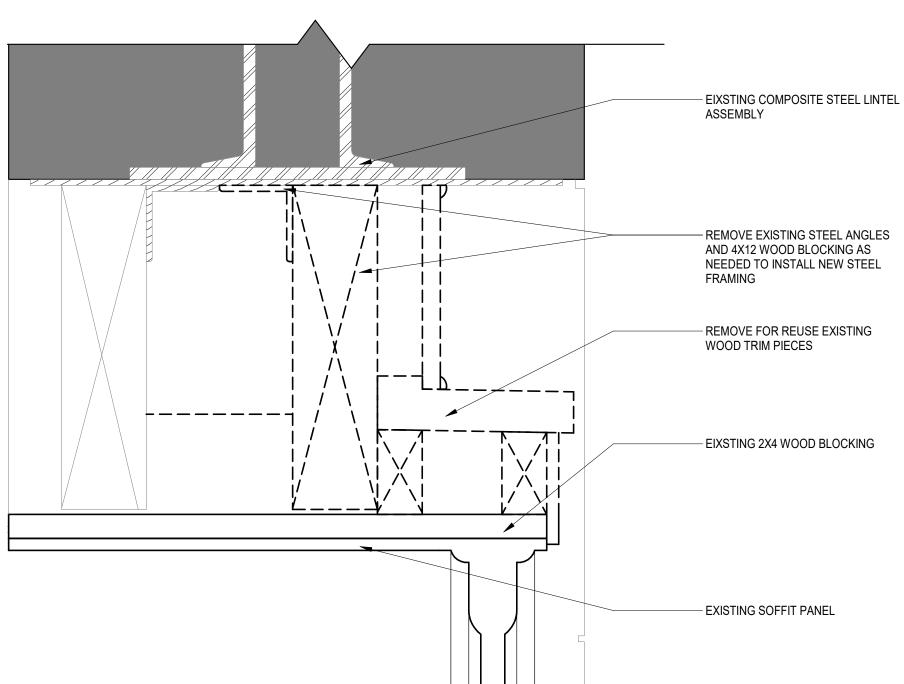


<u>Date</u> 04/01/2022 No Description PERMIT SET

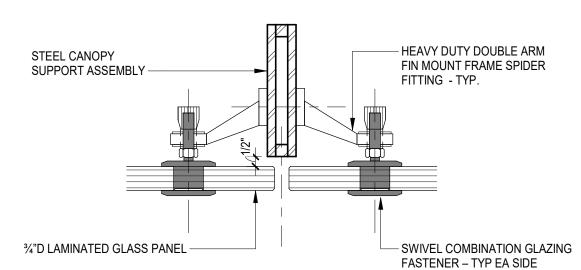
CANOPY ENLARGED PLANS, **SECTIONS & DETAILS**



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



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



TYPICAL GLAZING CONNECTION TO SUPPORT ASSEMBLY - SECTION

Scale: 3" = 1'-0"

TYPICAL GLAZING CONNECTION TO SUPPORT

EXISTING COLUMN WRAP REMOVE & REPLACE EX MASONRY AS REQUIRED

EIXSTING COLUMN & COMPOSITE STEEL LINTEL

FIELD VERIFY – IT ALIGNS

ASSEMBLY —

WITH FACE OF

LIMESTONE BEYOND -

HSS CANOPY SUPPORT.

REFERENCE TO STRUCTURAL DRAWINGS FOR MORE DETAILS.

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

EIXSTING COMPOSITE STEEL

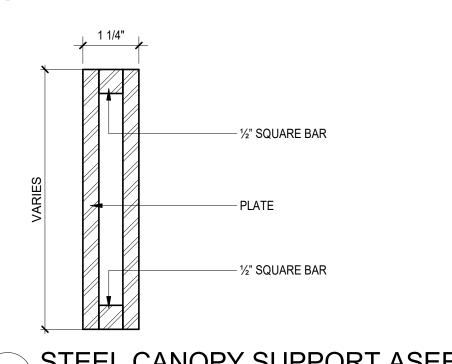
EXISTING ANGLES AND 4X12

EIXSTING 2X4 WOOD BLOCKING -

LINTEL ASSEMBLY -

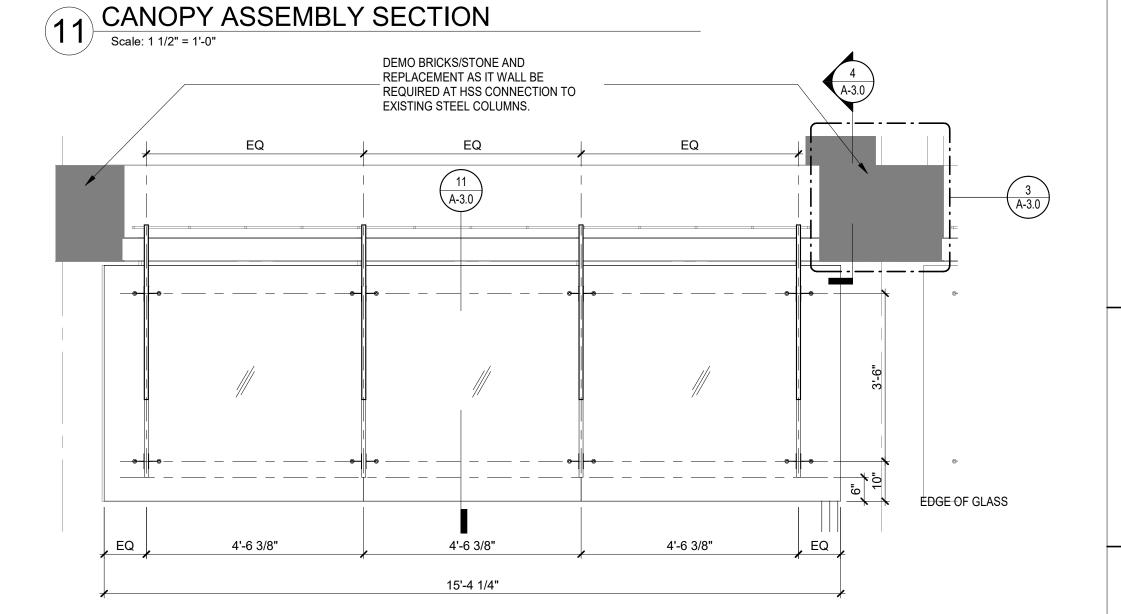
WOOD BLOCKING -

PLAN DETAIL AT COLUMN ATTACHMENT



STEEL CANOPY SUPPORT ASEEMBLY SECTION

Scale: 6" = 1'-0"



15 ENLARGED CANOPY ASSEMBLY PLAN

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

EXISTING COLUMN WRAP

EIXSTING COMPOSITE STEEL

0 0 0 0 0

SECTION DETAIL AT COLUMN ATTACHMENT

- EXISTING WALL ASSEMBLY

- STEEL CANOPY SUPPORT

- HEAVY DUTY DOUBLE ARM FIN MOUNT FRAME SPIDER FITTING

- SWIVEL COMBINATION GLAZING

- ¾" LAMINATED GLASS PANELS

- EXISTING GLAZED TRANSOM ASSEMBLY

FASTENER

ASSEMBLY

EIXSTING COLUMN

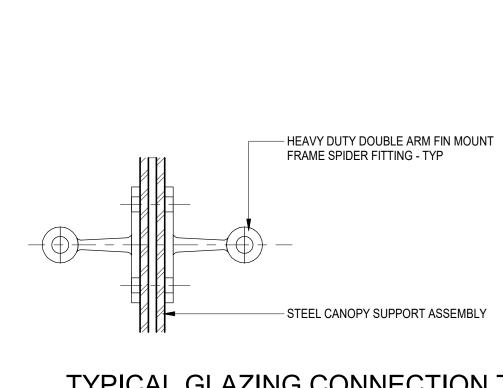
LINTEL ASSEMBLY -

HSS CANOPY SUPPORT. REFERENCE TO STRUCTURAL DRAWINGS FOR MORE DETAILS.

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

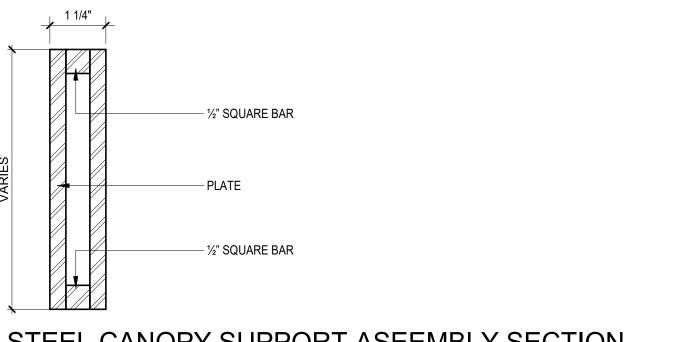
4'-7 1/8"

5'-2 1/32"



ASSEMBLY - PLAN

Scale: 3" = 1'-0"



CRITERIA:

- 1. <u>ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION</u> SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE SEATTLE BUILDING CODE (SBC), 2018 EDITION.
- 2. <u>THE EXISTING STRUCTURE</u> 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
	$S_S = 1.415$, $S_1 = 0.494$, $S_{DS} = 1.132$, $S_{D1} = 0.892$
	$R_P = 2.5$, $a_P = 1.0$, $I_P = 1.0$
WIND	07 MDU EVDOCIDE "D" V 1 A
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. <u>STRUCTURAL DRAWINGS</u> 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. <u>CONTRACTOR</u> 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. <u>CONTRACTOR</u> 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. <u>CONTRACTOR</u> SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.
- 8. <u>CONTRACTOR-INITIATED CHANGES</u> 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. <u>DRAWINGS</u> 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. <u>ALL STRUCTURAL SYSTEMS</u> COMPOSED OF COMPONENTS TO BE FIELD ERECTED 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. <u>SHOP DRAWING REVIEW</u>: 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 RESPONSIBILTY 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 <u>DEFERRED SUBMITTALS</u> 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 EXTERIOR WALLS, VENEER & CLADDING	SEISMIC DESIGN REQUIREMENTS (ASCE 7-16 CHAPTER 13) ASCE 7-16 SECTION 13.5.3	PERIODIC SPECIAL INSPECTION AS SPECIFIED PER SBC CHAPTER 17 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 COMBUSTIB OR HIGHLY TOXIC CONTENTS (Ip=1.5 PER ASCE 7-16 SECTION 13.1.	,	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	ASCE 7-16 SECTION 13.6 AND SBC 1705.13.2	REQUIRED (SBC 1705.12.4 & 1705.12.6)	

NOT REQUIRED

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

ASCE 7-16 SECTION 13.6

RENOVATION:

(Ip=1.5 PER ASCE 7-16 SECTION 13.1.3)

ALL OTHER MECHANICAL AND

ELECTRICAL COMPONENTS

- 15. <u>DEMOLITION</u>: 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

STEEL:

- 16. <u>STRUCTURAL STEEL DESIGN, FABRICATION, AND ERECTION</u> 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. <u>STRUCTURAL STEEL</u> SHALL CONFORM TO THE FOLLOWING REQUIREMENTS: STEEL PLATES SHALL CONFORM TO ASTM A36, Fy = 36 KSI. STRUCTURAL TUBING (HSS) SHALL CONFORM TO ASTM A500, GRADE B, Fy = 46 KSI. STEEL-TO-STEEL CONNECTION BOLTS SHALL CONFORM TO ASTM A325-N.
- 18. <u>DIMENSIONAL TOLERANCE</u> 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. <u>BOLTS</u> 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. <u>ALL WELDING SHALL</u> 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. <u>WELDING TO EXISTING STEEL:</u> 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

2.0 PARTIAL PLAN & DETAILS

CARCHITECT

411 1st Ave. South Seattle, WA

DESIGN: JHC
DRAWN: CJR
CHECKED: RHC
NO.: \$182206-02-16

COUGHLIN PORTER LUNDEEN

801 SECOND AVENUE, SUITE 900 SEATTLE, WA 98104

No Description
1 PERMIT SET

Date 04/26/2022

GENERAL STRUCTURAL NOTES

