REQUEST FOR PROPOSALS

ADDENDUM 1

Pre-Bid Meeting Minutes and Questions From Site Walk and Emails

DESIGN, PROCURE, AND INSTALLATION FOR ONE SOLAR AND BATTERY STORAGE MICROGRID

June 10, 2025

Key Project Milestones

Milestone	Date
RFP Announced	May 15, 2025
Optional Pre-Bid Walkthrough	May 28, 2025, 1 PM
Deadline for Questions	June 4, 2025, 1 PM
Proposals Due	June 13, 2025, 4:30 PM
Award Announcement	June 19, 2025
Contract Negotiations	June 20, 2025
Estimated Contract Approval	July 11, 2025
Substantial Completion Target	June 30, 2026

The Tulalip Tribes of Washington

6406 Marine Drive, Tulalip, WA 98271

Bids are due Friday, June 13, 2025 at 4:30pm

PRE-BID MEETING Agenda

Project: GATHERING HALL: DESIGN, PROCURE, AND INSTALLATION FOR ONE SOLAR AND BATTERY STORAGE MICROGRID

Date: 5/28/2025

Time: 1:00 pm
Location: 7512 Totem Beach Road, Tulalip, WA 98271

- Sign in
- Advisement: Whatever is said during the meeting is meant to be helpful but does not and cannot change the Bid Documents. Bidders must rely on published Addenda for official answers to questions that are not currently covered by Bid Documents.
- Introduce all parties present who are involved in the Project, see attendee sheet.
- Substantial completion target date June 30, 2026.
- Lay down/staging areas: The primary objective is to stay out of the way of normal operations while maintaining a safe working area. Specific areas will be identified with the selected contractor.

Questions Provided for RFP

1. **What is the desired end date of the project?**
    a. The targeted Substantial Completion is June 30, 2026.
2. **What is the estimated start date?**
    a. The targeted contract approval date for the contractor is July 11, 2025.
3. **Are you currently working with a General Contractor or Electrical Contractor on this project? Or is that selection part of that bidding process?**
    a. The Tulalip Tribes are not currently working with a General or Electrical Contractor on this project. It is up to the bidders to develop their team to complete all tasks associated with this RFP.
4. **Who will be the assuming the role as Architect for the project, as identified in the contract responsible for review and approval of the document?**
    a. The template contract was provided as reference. No Architect is assigned for this project.
5. **What is the official TERO requirement (%)?**
    a. There is a 1.75% TERO fee for projects over $10,000.
6. **What % of employees must be native?**
    a. Please refer to Exhibit D for further details about native employment requirements.
7. **Does Tulalip have preferred vendor list for any other work beyond Tulalip Data Services and Salish Networks?**
    a. Please refer to this link Tulalip Tribes Native American Owned Business Registry. Contact the TERO office with any further questions. https://www.tulaliptero.com/Contractors/NAOBRegistry
8. **As we continue to assess workforce development opportunities for the Tulalip Microgrid Project, I wanted to ask if there are any members of the Tulalip Tribe who are currently familiar with the existing PV system infrastructure that could potentially be involved in this project and further trained as part of a Clean Energy Workforce initiative. Additionally, are you aware of any Tribe members currently enrolled in—or on the waitlist for—the IBEW apprenticeship program? This information would be helpful as we evaluate strategies to promote local engagement and capacity-building within the community.**
    a. Currently unknown. It is recommended to contact the Tribes' TERO office and the local Northwest Indian College Campus with specific trainee

questions. The owner has previously worked with Remote Energy, Spark Northwest, and GRID Alternatives for engagement opportunities.

9. **Will proposals that include detailed assumptions and exclusions on labor productivity, procurement risk, and subcontractor contingencies be viewed more favorably in evaluation?**
    a. Bids will be scored based on the scoring criteria as identified in Section 5 of the RFP.
10. **Will the bids be scored based on the scoring criteria as identified in the RFP or based on lowest bid?**
    a. Bids will be scored based on the scoring criteria as identified in Section 5 of the RFP.
11. **Can the Owner confirm whether the evaluation will be based on best-value per the scoring criteria identified in the RFP or lowest cost, as mentioned in the optional site walk? Specifically, how will pricing be weighted against technical qualifications, tribal experience, and proposed project approach in the final decision-making process?**
    a. Bids will be scored based on the scoring criteria as identified in Section 5 of the RFP.
12. **Are there any Buy America Build America requirements?**
    a. No.
13. **Is the project contingent on federal investment tax credits?**
    a. No.
14. **Will ITC be an additional scope?**
    a. The Federal Investment Tax Credit is not a requirement of this project.
15. **Can the Owner clarify whether utility interconnection fees, service upgrade costs, transformer replacement, or other SnoPUD-imposed fees will be paid directly by the Owner or should they be included in the Contractor's fixed price? Given the potential variability of these fees based on final system design, should proposers include contingency allowances, or will the Owner assume cost responsibility for utility-imposed changes?**
    a. These fees and potential unknown utility infrastructure changes will be paid for by the Tribes.
16. **Attachment B indicates that 15% of the available budget has been allocated to Milestone A for RFP development. Could you confirm the total remaining budget available for execution?**
    a. No. Grant funding is only part of the project funding available.

17. **How should we account for the associated costs of Tulalip Data Services and Salish Networks if the scope of work is currently undefined? Should this be considered an owner-controlled budget line item during a bidding stage? If so, what value should we carry for this item?**
    a. Tulalip Tribes will be responsible for any fees related to interconnection to Tulalip Data Services and Salish Networks.
18. **What are the net metering requirements?**
    a. Solar-only systems that are under 200 kW AC are eligible to participate in SnoPUD's Net Billing Program. Please refer to SnoPUD's net billing requirements for additional information. (https://www.snopud.com/account/services/connecting-generation/). If the system is not eligible for Net Billing, other options may include entering a PPA or full interconnection agreement with SnoPUD.
19. **Is there a new generator in the scope? What is the plan for the existing generator?**
    a. A new generator is in the scope as a bid alternative. The existing generator can remain in place. The existing generator controls do not require retrofit or modification for parallel operation like the bid alternate generator. The selected contractor will not be held responsible for any operational issues with the existing generator. For more details, please refer to Section 4. Contractor Requirements.
20. **The RFP states the existing generator is oversized and unreliable. Can the Owner clarify whether the new generator (bid alternate) is expected to integrate fully with the proposed microgrid to allow for parallel operation, BESS charging, and grid export as part of a multi-node microgrid?**
    a. Yes. Please refer to Section 1. Introduction – Detailed Project Description of the RFP. Note that SnoPUD currently does not allow back feeding from the generator to their grid. A multi-node microgrid is a future possibility and not a part of this project scope.
21. **Does the current generator have synching capabilities for islanding/interconnection?**
    a. No.
22. **Availability and reliability of the existing 1,500kW GenSet will play a significant role in the design and cost structure of the project. Is the intention to keep it within the project or replace it with the 500kW GenSet in the plan set?**
    a. Please refer to the answers provided in questions 19 and 20.

23. **Can the Owner clarify what degree of future multi-node microgrid integration is anticipated and how that should inform current controller design, generator sizing, and fiber termination planning?**
    a. Please refer to Section 1. Introduction – Detailed Project Description of the RFP. There are no existing systems to integrate with, and that future system is outside of this scope. Microgrid control equipment is required to have fiberoptic communication capability.
24. **In bid alternates, should the generator and controller be sized and scoped to support adjacent facilities or future community-wide microgrid nodes?**
    a. Generator sizing in bid alternates is only expected to support the Gathering Hall.
25. **What are the existing solar array details?**
    a. The DC nameplate capacity is 20kW. Please see Exhibit J of the RFP Addendum for additional details.
26. **Are the SILFab modules required for the RFP?**
    a. No.
27. **Can you provide context for the selection of the specified PV solar equipment? Is this based on available spare material, existing inventory, or organizational familiarity? Alternatively, would equivalent equipment be acceptable?**
    a. Predesign equipment selection was determined during RFP development based on a previous feasibility study. Prospective bidders are responsible for identifying their proposed design and equipment meeting the RFP requirements.
28. **Are the PV inverters oversized with the intention of future expansion, and should this carried forward in the design if we specify alternate materials?**
    a. Prospective bidders are responsible for identifying their proposed design and equipment meeting the RFP requirements.
29. **Are S-5 clamps considered an acceptable attachment method for mounting the solar array or is there a preferred alternate method that should be implemented?**
    a. Tulalip Tribes desire to minimize roof penetrations. S-5 brand products are acceptable. Prospective bidder responsible for identifying their proposed design and equipment meeting the RFP requirements.
30. **Where do conduits come out of the electrical room? Are these able to be used in the design?**

a. Unknown. If there are existing spare conduits, they may be used in the design.

31. Is there an existing one-line diagram?

a. Please refer to the Exhibit J in the RFP.

32. What is the planned location for the battery?

a. Please refer to the Pre-design drawings in RFP.

33. What are the laydown areas?

a. Laydown areas for construction will be coordinated with the selected contractor during the project kickoff meeting. Areas will be made available on site and nearby for staging and equipment storage to facilitate construction.

34. What is the roof's structural capacity?

a. Please see Exhibit J of the RFP Addendum.

35. What are additional roof details (seam width?)?

a. Please see Exhibit J of the RFP Addendum.

36. Are structural drawings available for the main building to determine whether the PV solar system was considered in the initial construction?

a. Please see Exhibit J of the RFP Addendum.

37. Are there roofing drawings or specifications available for the building where the PV system is intended to be installed?

a. Please see Exhibit J of the RFP Addendum.

38. Will the project consider using the ESPC Performance Contract instead of the AIA contract?

a. No.

39. Could you clarify why the contract is structured as "open book" despite being identified as a fixed-cost agreement? Open book contracts are typically associated with cost-plus arrangements, whereas fixed-cost contracts generally place the responsibility on the contractor to manage pricing and procurement.

a. It is the Tribes preference to structure the contract as "Open Book," see Proposal Requirements section of the RFP.

40. Can the Owner confirm that the open-book pricing requirement applies only to invoicing for the awarded firm, and will not be used for bid evaluation or shared with other proposers?

a. Yes. Open book pricing will not be used for bid evaluation or shared with other proposers.

41. **Can the Owner confirm whether a bid bond or proposal security is required? The RFP references a requirement for a performance and payment bond, but on the optional site walk, a bid bond was also mentioned. If a bid bond is not strictly required, will a form of proposal surety be evaluated favorably, particularly in the event of shortlisted contractor interviews?**

    a. A bid bond is not required to submit a proposal. Please see Section 5. Submittal Requirements and Section 1. Introduction for Bonding Requirements.

42. **What are the hours (days, time) that contractors can work?**

    a. 7AM to 8PM, 7 days a week. Event schedules vary and construction during events must be coordinated with the facility manager to avoid impacts.

43. **Could you please provide the specifications for Divisions 1 through 32, as referenced in the contract documents? (Ref: Supplementary Conditions, Page 1 of 4 / RFP Page 24)**

    a. The template contract was provided as reference. The RFP contains the project specifications and requirements.

44. **Note 9.8.1.1 in the supplementary conditions appears to include punch list items within substantial completion. How does this differ from Final Completion? Could you clarify this? Additionally, would a Temporary Certificate of Occupancy (TCO) fulfill the substantial completion requirement, or is a Final Certificate required?**

    a. The template contract was provided as reference. Please see Section 4 of the RFP for contractor requirements.

45. **The special conditions attachments stipulates ~9 months or 270 calendar days for completion from issuance of NTP. However, delivery times for 1 MW BESS equipment will likely extend beyond one year after the material is selected, incorporated into the design, and finally approved by the planning department. Can this be negotiated based upon the permit approval schedule and material delivery times?**

    a. The template contract was provided as reference. Target substantial completion date is June 30, 2026. Project schedule will be negotiated with the selected contractor.

46. **If long-lead equipment such as transformers or BESS containers delay construction, will extensions to the substantial completion date be granted without penalty? Please clarify the enforceability of the $750/day liquidated damages clause and whether it applies to causes beyond contractor control (e.g. supply chain disruption, utility delays, AHJ review, TERO coordination, etc).**
    a. Tulalip Tribes understands that there are circumstances beyond the contractor's control and will work with the selected contractor to revise substantial completion date targets and enforceability in accordance with the negotiated contract based on expected delays.
47. **Liquidated Damages: What is the reasoning behind the reasoning for $750/day? Is there a financial burden to the Tribe for its timely completion or is this strictly punitive?**
    a. The template contract was provided as reference. The owner may work with the selected contractor to renegotiate, if desired.

Exhibit J.2.1. Structural Drawings

STRUCTURAL NOTES

DESIGN LOADS

ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC), 2012 EDITION.

LIVE LOADS
IN ADDITION TO THE DEAD LOADS, THE FOLLOWING FLOOR LIVE LOADS WERE USED FOR DESIGN. LIVE LOAD REDUCTION IS PER IBC SECTION 1607.10.

		REDUCIBLE	UNREDUCIBLE
CORRIDORS, STAIRS	100 PSF	X	
ASSEMBLY AREAS	100 PSF		X
OFFICES	50 PSF + 15 PSF PARTITION LOAD	X	
EXTERIOR BALCONIES, DECKS	SAME AS OCCUPANCY SERVED	X	
LIGHT STORAGE	125 PSF		X

REFER TO TABLE 1607.1 IN THE IBC FOR RELEVANT CONCENTRATED LIVE LOADS.

ROOF SNOW LOAD
THE ROOF SNOW LOAD IS DETERMINED USING CHAPTER 7 OF ASCE 7 IN ACCORDANCE WITH IBC SECTION 1608 AND WITH THE FOLLOWING FACTORS:

MINIMUM DESIGN LOAD 19.2 PSF WITHOUT DRIFT

P_g =	16 PSF	C_e =	0.9
I_s =	1.20	C_t =	1.0
P_f =	19.2 PSF		

SEISMIC LOADS
THE SEISMIC FORCE-RESISTING SYSTEM (SFRS) USED TO RESIST EARTHQUAKE AND WIND LOADS IS COMPRISED OF LIGHT-FRAME WALLS SHEATHED WITH WOOD STRUCTURAL PANELS DESIGNED IN ACCORDANCE WITH THE PROVISIONS OF AWC "SPECIAL DESIGN PROVISIONS FOR WIND & SEISMIC". EARTHQUAKE DESIGN IS BASED ON THE EQUIVALENT LATERAL FORCE PROCEDURE IN ASCE 7 SECTION 12.8 WITH THE FOLLOWING FACTORS:

SITE CLASS D
RISK CATEGORY IV
SEISMIC DESIGN CATEGORY D

S_S =	1.27 g	h_n =	40 FT
S_1 =	0.48 g	T =	0.27 SECONDS
S_{DS} =	0.84 g	T_L =	6 SECONDS
S_{D1} =	0.49 g	I_e =	1.5
R =	6.5	C_s =	0.19
V =	BASE SHEAR = 233 KIPS		

THE SEISMIC FORCE-RESISTING SYSTEM IS COMPRISED OF THE STRUCTURAL WOOD SHEAR WALLS AND CONNECTIONS IDENTIFIED IN PLAN.

WIND LOADS
WIND LOAD IS DETERMINED USING CHAPTERS 26-31 OF ASCE 7 IN ACCORDANCE WITH IBC SECTION 1609 WITH THE FOLLOWING FACTORS:

RISK CATEGORY IV		K_{zt} =	1.0
EXPOSURE CATEGORY D		G_{GH} =	0.18
V_{ult} =	115 MPH		

DESIGN WIND PRESSURES FOR DETERMINING FORCES ON COMPONENTS AND CLADDING SHALL BE DETERMINED USING CHAPTER 30 OF ASCE 7 IN ACCORDANCE WITH IBC SECTION 1609 BY THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN OF SUCH ELEMENTS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

STORY DRIFTS
THE MAXIMUM LATERAL DISPLACEMENTS WITH RESPECT TO THE LEVEL BELOW (STORY DRIFTS) ARE AS FOLLOWS:

SEISMIC:
INELASTIC STORY DRIFT = 1.0% OF STORY HEIGHT
ELASTIC STORY DRIFT = INELASTIC STORY DRIFT DIVIDED BY C_d/I_e, WHERE C_d/I_e = 2.67

WIND:
STORY DRIFT = 0.25% OF STORY HEIGHT

SOIL LOADS

ALLOWABLE SOIL-BEARING PRESSURE	2000	PSF DL + LL
	2667	PSF DL + LL + SEISMIC/WIND
RETAINING WALLS	40	PCF (EQUIVALENT FLUID PRESSURE) UNRESTRAINED
	60	PCF (EQUIVALENT FLUID PRESSURE) RESTRAINED

GENERAL NOTES

SUBMITTALS
SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO ANY FABRICATION OR CONSTRUCTION FOR ALL STRUCTURAL ITEMS, INCLUDING THE FOLLOWING: CONCRETE OR MASONRY REINFORCEMENT, PRECAST CONCRETE ITEMS, EMBEDDED STEEL ITEMS, STRUCTURAL STEEL, STEEL DECK, SHEAR STUD LAYOUT, METAL GRATING, GLUED-LAMINATED MEMBERS, CLADDING PANELS AND STAIRS.

IF THE SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN.

DEFERRED SUBMITTALS
PER IBC SECTION 107.3.4.1, DRAWINGS AND CALCULATIONS FOR THE DESIGN AND FABRICATION OF ITEMS THAT ARE DESIGNED BY OTHERS SHALL BEAR THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN AND SHALL BE SUBMITTED TO THE ARCHITECT AND THE BUILDING DEPARTMENT FOR REVIEW PRIOR TO FABRICATION. DEFERRED SUBMITTALS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

PREMANUFACTURED WOOD TRUSSES AND JOISTS
EXTERIOR CLADDING SYSTEMS
PRE-ENGINEERED STEEL STAIRS
SKYLIGHT FRAMING
EQUIPMENT ANCHORAGE
SEISMIC DESIGN OF NONSTRUCTURAL COMPONENTS
SUSPENDED CEILINGS

NONSTRUCTURAL COMPONENTS
DESIGN, DETAILING AND ANCHORAGE OF ALL NONSTRUCTURAL COMPONENTS SHALL BE IN ACCORDANCE WITH IBC SECTION 1613, ASCE 7 CHAPTER 13, AND THE PROJECT SPECIFICATIONS. NONSTRUCTURAL COMPONENTS DESIGNED BY OTHERS SHALL NOT INDUCE TORSIONAL LOADING INTO SUPPORTING STEEL STRUCTURAL MEMBERS WITHOUT ADDITIONAL BRACING OF THOSE MEMBERS TO ELIMINATE TORSIONAL FORCES. TORSIONAL BRACING SHALL BE DESIGNED BY THE NONSTRUCTURAL COMPONENT DESIGNER AND APPROVED BY THE ENGINEER.

DESIGN, DETAILING AND CONSTRUCTION OF ALL NONSTRUCTURAL COMPONENTS WHICH ATTACH TO STRUCTURE SHALL ACCOMMODATE CONSTRUCTION TOLERANCES AS ESTABLISHED BY THE STRUCTURAL SPECIFICATIONS.

PRE-ENGINEERED STAIRS
STAIRS DESIGNED BY OTHERS SHALL NOT INDUCE TORSIONAL LOADING INTO SUPPORTING STRUCTURAL MEMBERS WITHOUT ADDITIONAL BRACING OF THOSE MEMBERS. TORSIONAL BRACING SHALL BE DESIGNED BY THE STAIR DESIGNER AND APPROVED BY THE ENGINEER.

CLADDING
CLADDING DESIGNED BY OTHERS SHALL BE SUPPORTED AT EACH STORY TO BE CONSISTENT WITH THE DESIGN OF THE BUILDING STRUCTURE. CLADDING DESIGNED BY OTHERS SHALL NOT INDUCE TORSIONAL LOADING INTO SUPPORTING STEEL STRUCTURAL MEMBERS WITHOUT ADDITIONAL BRACING OF THOSE MEMBERS TO ELIMINATE TORSIONAL FORCES, UNLESS OTHERWISE APPROVED BY THE ARCHITECT. TORSIONAL BRACING SHALL BE DESIGNED BY THE CLADDING DESIGNER AND APPROVED BY THE ENGINEER.

INSPECTION
SPECIAL INSPECTION PER IBC CHAPTER 17 SHALL BE PERFORMED BY AN APPROVED TESTING AGENCY AS INDICATED IN THE STATEMENT OF SPECIAL INSPECTIONS AND TESTING. ALL PREPARED SOIL-BEARING SURFACES SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF REINFORCING STEEL. SOILS COMPACTION SHALL BE SUPERVISED BY AN APPROVED TESTING AGENCY OR GEOTECHNICAL ENGINEER.

STRUCTURAL OBSERVATION
STRUCTURAL OBSERVATION OF THE SFRS WILL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD IN ACCORDANCE WITH IBC SECTION 1704.5. STRUCTURAL OBSERVATION CONSISTS OF VISUAL OBSERVATION OF THE STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO THE CONSTRUCTION DOCUMENTS AND DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED BY THE IBC AND AS SHOWN IN THE SPECIAL INSPECTIONS SCHEDULE. CONTRACTOR SHALL PROVIDE A MINIMUM OF 24 HOURS NOTICE BEFORE CONCEALING THE FOLLOWING STRUCTURAL COMPONENTS FROM VIEW:

- REINFORCING STEEL FOR THE FIRST PLACEMENT OF THE SFRS FOUNDATIONS AND SHEAR WALL REINFORCING STEEL.
- COMPLETION OF FIRST WOOD SHEAR WALL.

STRUCTURAL OBSERVATIONS IN ADDITION TO THOSE REQUIRED BY IBC SECTION 1704.5 MAY BE PERFORMED AT THE ENGINEER'S DISCRETION. TIMING OF THESE SHALL BE DISCUSSED AT THE PREINSTALLATION CONFERENCE.

SPECIAL CONDITIONS
CONTRACTOR SHALL VERIFY ALL LEVELS, DIMENSIONS, AND EXISTING CONDITIONS IN THE FIELD BEFORE PROCEEDING. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR FIELD CHANGES PRIOR TO INSTALLATION OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS, THE CONTRACTOR SHALL OBTAIN DIRECTION FROM THE ARCHITECT BEFORE PROCEEDING. DIMENSIONS NOTED AS PLUS OR MINUS (±) INDICATE UNVERIFIED DIMENSIONS AND ARE APPROXIMATE. NOTIFY ARCHITECT IMMEDIATELY OF CONFLICTS OR EXCESSIVE VARIATIONS FROM INDICATED DIMENSIONS. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS--DO NOT SCALE DRAWINGS. DIMENSIONS OF EXISTING CONDITIONS MAY BE BASED ON RECORD DRAWINGS AND ARE TO BE FIELD-VERIFIED BY THE CONTRACTOR.

CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND BRACING OF ALL STRUCTURAL MEMBERS, EXISTING CONSTRUCTION AND SOIL EXCAVATIONS, AS REQUIRED, AND IN A MANNER SUITABLE TO THE WORK SEQUENCE. TEMPORARY SHORING AND BRACING SHALL NOT BE REMOVED UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS AND MATERIALS HAVE ACHIEVED DESIGN STRENGTH. NO REINFORCING BARS IN EXISTING CONSTRUCTION SHALL BE CUT UNLESS DIRECTED TO BY THE ARCHITECT OR AS SHOWN ON THE DRAWINGS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES REQUIRED TO PERFORM THE WORK.

SOILS
SEE THE GEOTECHNICAL REPORT BY GEOTEST SERVICES, DATED MAY 18, 2016, FOR MORE COMPLETE INFORMATION. EARTHWORK MATERIAL, BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. BACKFILL BEHIND WALLS SHALL NOT BE PLACED BEFORE THE WALLS AND SUPPORTING SLABS ACHIEVE 28 DAY CONCRETE STRENGTH OR THE WALLS ARE TEMPORARILY BRACED. ALL TOPSOIL, ORGANICS AND LOOSE SURFACE SOIL SHALL BE REMOVED FROM BENEATH FILL SUPPORTING CONCRETE SLABS OR PAVING.

MEMBER SPACING
ALL FRAMING MEMBERS SHALL BE EQUALLY SPACED BETWEEN GRID LINES, COLUMNS, AND DIMENSIONED FRAMING UNLESS NOTED OTHERWISE.

CONCRETE

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF IBC CHAPTER 19.

CONCRETE MIXTURES
CONCRETE MIXTURES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

CONCRETE MIXTURES

f'_c (PSI)	TEST AGE (DAYS)	EXPOSURE CLASS				USE
3,000	28	F2	S0	W1	C1	SLAB-ON-GRADE, CONCRETE ON STEEL DECK, CURBS AND PADS
4,000	28	F1	S0	W1	C1	FOUNDATIONS, CONCRETE WALLS

CONCRETE MIXTURES SHALL CONFORM TO THE MOST STRINGENT REQUIREMENTS FOR EXPOSURE CLASSES SPECIFIED IN THE TABLE ABOVE AND ACI 318 TABLE 4.2.1.

WATER-REDUCING ADMIXTURES MAY BE INCORPORATED IN CONCRETE MIX DESIGNS, BUT SHALL CONFORM TO ASTM C 494, AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CaCl2 OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.

WATER/CEMENTITIOUS MATERIALS RATIO SHALL BE MEASURED BY WEIGHT AND SHALL BE BASED ON THE TOTAL CEMENTITIOUS MATERIAL. WATER/CEMENTITIOUS MATERIALS RATIO AND WATER CONTENT SHALL BE DETERMINED BY THE SUPPLIER BASED ON STRENGTH REQUIREMENTS AND SHALL NOT EXCEED THE MAXIMUM WATER/CEMENTITIOUS MATERIAL RATIO AND/OR WATER CONTENT IF SHOWN IN ACI 318 TABLE 4.2.1 FOR THE EXPOSURE CLASSES LISTED.

FIELD-MEASURED SLUMP SHALL CONFORM TO THE SUBMITTED CONCRETE MIX DESIGN. TOLERANCE OF SLUMP SHALL CONFORM TO ASTM C 94.

ALL CONCRETE SUBJECT TO EXPOSURE CLASSES F1, F2 OR F3 SHALL BE AIR ENTRAINED. AIR-ENTRAINING AGENTS SHALL CONFORM TO ASTM C 260. THE AMOUNT OF ENTRAINED AIR SHALL BE ACCORDING TO ACI 318 TABLE 4.2.1 WITH A FIELD TOLERANCE OF ±1.5 PERCENT BY VOLUME. THE AMOUNT OF ENTRAINED AIR SHALL BE MEASURED IN THE FIELD AT THE DISCHARGE FROM THE TRUCK.

THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR APPROVAL 2 WEEKS PRIOR TO PLACING ANY CONCRETE. THE MIX DESIGN SHALL BE IN CONFORMANCE WITH ACI 318, CHAPTER 19. THE SUBMITTAL SHALL INDICATE WHERE EACH CONCRETE MIX IS TO BE USED ON THE PROJECT, AS WELL AS THE MAXIMUM AGGREGATE SIZE OF EACH MIX. MAXIMUM AGGREGATE SIZE SHALL CONFORM TO THE PROJECT SPECIFICATIONS.

CURING
IF THE AIR TEMPERATURE WILL EXCEED 75 DEGREES F WITHIN 48 HOURS OF PLACING CONCRETE, A MOIST CURE SHALL BE APPLIED TO THE CONCRETE FOR A PERIOD OF 36 HOURS AFTER FINISHING CONCRETE SURFACES. REFER TO THE PROJECT SPECIFICATIONS FOR CURING REQUIREMENTS.

REINFORCING STEEL

DEFORMED BARS	ASTM A 615, GRADE 60
HEADED DEFORMED BARS	ASTM A 970, HEAD TYPE HA
ADHESIVE REINFORCING DOWELS (ARD)	ASTM A 615, GRADE 60 ADHESIVE AS REQUIRED PER POST-INSTALLED ANCHORS

REINFORCING SHALL BE SUPPORTED AS SPECIFIED BY THE PROJECT SPECIFICATIONS AND THE CRSI MANUAL OF STANDARD PRACTICE. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI STANDARD OF PRACTICE AS OUTLINED IN ACI 315, "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT."

LAP ALL REINFORCING BARS AS NOTED ON THE DRAWINGS. WHERE SPLICE LENGTH IS NOT SHOWN, USE TYPE Lb (Lbt FOR TOP BARS) SPLICE PER DEVELOPMENT AND SPLICE LENGTH SCHEDULE. MECHANICAL SPLICES CALLED OUT ON THE PLANS SHALL BE TYPE 1, UNLESS OTHERWISE NOTED. TYPE 1 SPLICES SHALL DEVELOP 125 PERCENT OF THE YIELD CAPACITY OF THE SPLICED BARS IN BOTH TENSION AND COMPRESSION. TYPE 2 SPLICES SHALL DEVELOP THE SPECIFIED TENSILE STRENGTH OF THE SPLICED BARS IN TENSION IN ADDITION TO MEETING TYPE 1 SPLICE REQUIREMENTS. SUBMIT ICC-ES OR IAPMO UES REPORT VALID FOR THE 2012 IBC DEMONSTRATING COMPLIANCE OF COUPLERS WITH THESE REQUIREMENTS.

AT THE CONTRACTOR'S OPTION AND WITH THE ARCHITECT'S APPROVAL, HEADED DEFORMED BARS MAY BE USED IN LIEU OF REINFORCING BARS SHOWN WITH STANDARD 90 OR 180 DEGREE HOOKS AND MECHANICAL SPLICES MAY BE USED IN LIEU OF LAP SPLICES. USE OF HEADED DEFORMED BARS IS SUBJECT TO CONFORMANCE WITH ACI 318 SECTION 12.6.1. USE OF MECHANICAL SPLICES IS SUBJECT TO CONFORMANCE WITH ACI 318 SECTION 21.1.6 AND REQUIRES SUBMITTAL OF AN ICC-ES OR IAPMO UES REPORT VALID FOR THE 2012 IBC.

REINFORCING STEEL SHALL HAVE PROTECTION AS FOLLOWS, UNLESS NOTED OTHERWISE:

USE		COVER	
BEAM STIRRUPS AND COLUMN TIES		1 1/2"	
NONSTRUCTURAL SLAB-ON-GRADE		MID-DEPTH	
WALL BARS:	INTERIOR FACES	3/4"	
	EXPOSED TO EARTH OR WEATHER	1 1/2"	(#5 AND SMALLER)
		2"	(#6 AND LARGER)
FOOTINGS:	BOTTOM BARS	3"	(CAST AGAINST EARTH)
	TOP BARS	1 1/2"	
		2"	(#6 AND LARGER WHERE EXPOSED TO EARTH OR WEATHER)
	SIDE BARS	2"	

WELDING OF REINFORCING, WHERE APPROVED BY THE ARCHITECT, SHALL BE PERFORMED USING LOW HYDROGEN ELECTRODES AND PREHEATED IN ACCORDANCE WITH AWS D1.4, REINFORCING STEEL WELDING CODE. WELDERS AND WELDING PROCEDURES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS D1.4. MATERIALS SHALL CONFORM TO THE FOLLOWING:

REINFORCING BARS TO BE WELDED	ASTM A 706, GRADE 60, LOW ALLOY
WELDING ELECTRODES	E80XX

NONSHRINK GROUT
BASE PLATE GROUT SHALL BE NONSHRINK TYPE WITH MINIMUM f'c = 8,000 PSI. ALL OTHER NONSHRINK GROUT SHALL HAVE MINIMUM f'c = 5,000 PSI.

STRUCTURAL STEEL

REFERENCE SPECIFICATIONS

STRUCTURAL STEEL	AISC 360 - SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
HIGH STRENGTH BOLTS	RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS
WELDING	AWS D1.1, TYPICAL AWS D1.3 FOR STEEL DECK AND COLD-FORMED FRAMING AWS D1.8 FOR SUPPLEMENTAL SEISMIC PROVISIONS AWS PREQUALIFIED JOINT DETAILS
WELDER CERTIFICATION	WASHINGTON ASSOCIATION OF BUILDING OFFICIALS (WABO)
STEEL DECKING	STEEL DECK INSTITUTE PUBLICATION NO. FDDM STEEL DECK INSTITUTE PUBLICATION NO. RDDM AISI S100 - NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS

STEEL MATERIALS

WIDE FLANGE SHAPES (W AND WT)	ASTM A 992
PLATES (PL), BARS	ASTM A 36 TYPICAL, ASTM A 572 GRADE 50 WHERE NOTED
ANGLES (L), CHANNELS (C AND MC)	ASTM A 36
STRUCTURAL TUBES (HSS)	ASTM A 500, GRADE C
STEEL PIPE	ASTM A 53, GRADE B
STRUCTURAL BOLTS	ASTM F 3125, GRADE A 325
ANCHOR RODS	ASTM F 1554, GRADE 36 UNLESS NOTED OTHERWISE
THREADED RODS	ASTM A 36, UNLESS NOTED OTHERWISE
WELDING ELECTRODES	70 KSI, LOW HYDROGEN, TYPICAL 60 KSI, MINIMUM, STEEL DECK AND COLD-FORMED FRAMING

STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE REQUIREMENTS OF IBC CHAPTER 22. ALL MEMBERS ARE TO BE ERECTED WITH NATURAL MILL CAMBER OR INDUCED CAMBER UP, UNLESS OTHERWISE NOTED ON THE PLANS. SUBSTITUTION OF MEMBER SIZES OR STEEL GRADE WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY THE ARCHITECT. A MINIMUM OF TWO BOLTS IS REQUIRED FOR ALL BEAM CONNECTIONS. ALTERNATIVE CONNECTIONS TO THOSE SHOWN ON THESE DRAWINGS WILL REQUIRE PRIOR APPROVAL BY THE ARCHITECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDS AND JOINT PREPARATIONS THAT INCLUDE, BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES AND OTHER AIDS, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, COPES, SURFACE ROUGHNESS VALUES, AND UNEQUAL PARTS.

GALVANIZING
STRUCTURAL STEEL AND CONNECTIONS, INCLUDING PLATES AND OTHER STEEL ITEMS EMBEDDED IN CONCRETE, WHICH ARE EXPOSED TO WEATHER AND NOT TO BE PAINTED SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN COMPLIANCE WITH ASTM A 123. ALL FIELD WELDS ON GALVANIZED MATERIAL SHALL BE COATED WITH BRUSH APPLIED ZINC-RICH PAINT COMPLYING WITH THE SPECIFICATIONS.

WELDING
ALL WELDING SHALL BE IN CONFORMANCE WITH AISC AND AWS STANDARDS, AND SHALL BE PERFORMED BY WABO-CERTIFIED WELDERS. ONLY WELDS THAT ARE PREQUALIFIED, AS DEFINED BY AWS, OR QUALIFIED BY TESTING SHALL BE USED. SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS. WELDS SHOWN ON THE DRAWINGS ARE MINIMUM SIZES. INCREASE WELD SIZE TO AWS MINIMUM SIZES BASED ON THICKNESS. MINIMUM WELD SIZE SHALL BE 3/16-INCH, UNLESS NOTED OTHERWISE. THE WELDS SHOWN ARE FOR THE FINAL CONNECTIONS. FIELD WELD SYMBOLS ARE SHOWN WHERE FIELD WELDS ARE REQUIRED BY THE STRUCTURAL DESIGN. WHERE FIELD WELD IS NOT INDICATED, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF A WELD SHOULD BE SHOP OR FIELD-WELDED IN ORDER TO FACILITATE THE STRUCTURAL STEEL ERECTION.

FIREPROOFING
EXCEPT WHERE PAINTED OR GALVANIZED, STRUCTURAL STEEL SHALL BE FIREPROOFED PER THE SPECIFICATIONS. FIREPROOFING SHALL BE GCP APPLIED TECHNOLOGIES OR APPROVED EQUAL. THICKNESS SHALL BE AS INDICATED ON ICC REPORT NO. ESR-1186. PRIMARY STRUCTURAL FRAME CONSISTS OF ALL COLUMNS, GIRDERS AND BEAMS ATTACHED TO COLUMNS, AND ANY BEAM CARRYING GREATER THAN 500 SQUARE FEET OF FLOOR OR ROOF AREA. ALL OTHER FRAMING IS TO BE CONSIDERED SECONDARY. STRUCTURAL MEMBERS SHALL BE ASSUMED TO BE IN A THERMAL RESTRAINED CONDITION FOR THE PURPOSES OF DETERMINING FIREPROOFING THICKNESS.

STEEL DECK

STEEL DECK SHALL CONFORM TO ASTM A 653. WHERE THE DECK IS LEFT PERMANENTLY EXPOSED, GALVANIZED COATING SHALL CONFORM TO ASTM A 924, G90. IN OTHER AREAS, GALVANIZED COATING SHALL CONFORM TO ASTM A 924, G60. STEEL DECK SHALL CONFORM TO THE FOLLOWING:

f_y (PSI)	USE
40,000 MINIMUM	COMPOSITE FLOOR/ROOF SLAB DECK

MINIMUM DECK GAUGES ARE SHOWN ON PLANS AND ARE BASED ON 3-SPAN, UNSHORED CONDITIONS. HEAVIER DECK GAUGES MAY BE REQUIRED FOR CONDITIONS OTHER THAN THESE. DEPENDING ON MANUFACTURERS AND CONTRACTOR'S LAYOUT. DECK SUPPLIER SHALL VERIFY DECK GAUGES AND CAPACITIES BASED ON ACTUAL DECK LAYOUT AND SPAN CONDITIONS INCLUDING A 10 PSF SUPERIMPOSED DEAD LOAD ALLOWANCE FOR THE STEEL ROOF DECK. DEVIATIONS IN DECK GAUGES FROM THOSE SHOWN SHALL BE SUBMITTED TO THE ARCHITECT, ALONG WITH A VALID ICC REPORT FOR APPROVAL PRIOR TO SHOP DETAILING.

DECK WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3, "STRUCTURAL WELDING CODE - SHEET STEEL." WELDERS SHALL BE QUALIFIED BY WABO SHEET STEEL WELDER CERTIFICATION PROGRAM. ARC SPOT WELD SIZES NOTED ARE BASED ON THE NOMINAL (VISIBLE) DIAMETER.

CONTRACTOR SHALL PROVIDE CLOSURE PLATES, FLASHING, AND ALL MISCELLANEOUS COLD-FORMED FRAMING NECESSARY TO COMPLETE THE WORK. THE MINIMUM BEARING SHALL BE 2 INCHES.

COMPOSITE FLOOR DECK
STEEL FLOOR DECK SHALL BE A COMPOSITE TYPE DECK WITH RIBS AT 12 INCHES ON CENTER OF THE SIZE AND GAUGE SHOWN ON THE PLANS AND DETAILS, OR AN APPROVED EQUAL. ELECTRICAL CONDUIT SHALL NOT BE EMBEDDED IN COMPOSITE FLOORS.

FLOOR DECK FASTENING SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE, AND EXCEPT AS INDICATED IN TYPICAL COMPOSITE BEAM DETAILS.

MIN 5/8-INCH DIAMETER ARC-SPOT WELDS AT 12 INCHES ON CENTER AT TRANSVERSE AND PERIMETER SUPPORTS

MIN 5/8-INCH DIAMETER ARC-SPOT WELDS AT 18 INCHES ON CENTER AT LONGITUDINAL SUPPORTS

BUTTON PUNCH OR 1 1/2-INCH TOP OR SIDE SEAM WELD AT 18 INCHES ON CENTER AT SIDE LAP CONNECTIONS

ANCHORS

POST-INSTALLED ANCHORS
PROVIDE POST-INSTALLED ANCHORS AS SPECIFIED IN THESE DRAWINGS.

USE OF ALTERNATE PRODUCTS, OR OF POST-INSTALLED ANCHORS AT LOCATIONS NOT SHOWN IN THESE DRAWINGS, IS SUBJECT TO THE APPROVAL OF THE ARCHITECT. SUBMIT PROPOSED ANCHORS TO THE ARCHITECT WITH AN ICC-ES OR IAPMO UES REPORT VALID FOR THE 2012 IBC. SUBMITTED ICC-ES AND IAPMO UES REPORTS SHALL DEMONSTRATE THAT THE ANCHORS ARE SUITABLE FOR USE IN CRACKED CONCRETE OR UNCRACKED, FULLY GROUTED REINFORCED CONCRETE MASONRY UNITS. WHERE ANCHORS RESIST SEISMIC LOADS, SUBMITTED ICC-ES AND IAPMO UES REPORTS SHALL DEMONSTRATE THAT THE ANCHORS ARE SUITABLE FOR THE RESISTANCE OF SEISMIC LOADS.

ADHESIVES SHALL NOT BE INSTALLED PRIOR TO THE CONCRETE REACHING AN AGE OF 21 DAYS AS REQUIRED BY ACI 318.

HEADED SHEAR STUDS AND DEFORMED BAR ANCHORS
ALL HEADED SHEAR STUDS SHALL CONFORM TO ASTM A 108 AND SHALL BE 3/4-INCH DIAMETER HEADED STUDS, UNLESS NOTED OTHERWISE. STUD LENGTHS AFTER WELD SHALL BE AS SHOWN ON THE DRAWINGS. DEFORMED BAR ANCHORS (DBA) SHALL CONFORM TO ASTM A 496 AND SHALL BE OF THE SIZE AND LENGTH SHOWN ON THE DRAWINGS. ALL STUDS AND DEFORMED BAR ANCHORS SHALL BE AUTOMATICALLY END WELDED IN SHOP OR FIELD WITH EQUIPMENT RECOMMENDED BY MANUFACTURER.

DRAWING LIST

DRAWING	DRAWING TITLE	PHASE 1	PHASE 2
S0.01	STRUCTURAL NOTES AND DRAWING LIST	X	X
S0.02	STRUCTURAL NOTES		X
S0.03	STRUCTURAL ABBREVIATIONS AND SYMBOLS	X	X
S0.11	STATEMENT OF SPECIAL INSPECTIONS	X	X
S0.21	LOAD MAP PLANS	X	X
S2.11A	FOUNDATION PLAN - PHASE 1	X	
S2.11B	FOUNDATION PLAN - PHASE 2		X
S2.12A	MAIN LEVEL FRAMING PLAN - PHASE 1	X	
S2.12B	MAIN LEVEL FRAMING PLAN - PHASE 2		X
S2.13	LOW ROOF FRAMING PLAN		X
S2.14	ROOF FRAMING PLAN		X
S2.21	OUTDOOR COOKING PAVILION	X	X
S4.01	TYPICAL CONCRETE DETAILS - PHASE 1	X	
S4.02	TYPICAL CONCRETE DETAILS - PHASE 2		X
S4.11	CONCRETE DETAILS - PHASE 1	X	
S4.12	CONCRETE DETAILS - PHASE 1	X	
S5.01	TYPICAL STEEL DETAILS		X
S5.02	TYPICAL STEEL DETAILS		X
S5.11	STEEL DETAILS		X
S5.12	STEEL DETAILS		X
S6.01	TYPICAL WOOD DETAILS		X
S6.02	TYPICAL WOOD DETAILS		X
S6.03	TYPICAL WOOD DETAILS		X
S6.04	TYPICAL WOOD DETAILS		X
S6.11	WOOD DETAILS		X

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PHASE 2 - BUILDING AND LANDSCAPING

STRUCTURAL NOTES AND DRAWING LIST

ISSUANCE

No.	Description	Date
	PERMIT SET	04/09/18
	PHASE 1 BID SET	06/11/18
	PHASE 2 PERMIT SET	08/20/18
	PHASE 1 CONSTRUCTION SET	08/24/18
	PHASE 2 BID SET	10/08/18
	PHASE 2 CONSTRUCTION SET	03/13/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

SHEET NO
S0.01

WOOD

WOOD CONSTRUCTION SHALL CONFORM TO ALL REQUIREMENTS OF IBC CHAPTER 23.

SAWN LUMBER
SAWN LUMBER SHALL CONFORM TO THE LATEST EDITION OF "GRADING AND DRESSING RULES" BY WCLIB OR "WESTERN LUMBER GRADING RULES" BY WWPA. LUMBER SHALL BE SEASONED DRY WITH A MAXIMUM MOISTURE CONTENT OF 19% AND BE THE SPECIES AND GRADE SPECIFIED BELOW. 2 INCH DECKING SHALL NOT EXCEED 15% MOISTURE CONTENT.

USE	GRADE	F_b (PSI) (SINGLE USE)
WALL STUDS		
2" TO 4" THICK		
LESS THAN 20'-0" TALL	DOUGLAS FIR-LARCH NO. 2	900
GREATER THAN 20'-0" TALL	LSL 1.5E (SEE STRUCTURAL COMPOSITE LUMBER)	
PLANKING & PLATES		
2" TO 4" THICK, 2" AND WIDER	DOUGLAS FIR-LARCH NO. 2	900
JOISTS & RAFTERS		
2" TO 4" THICK, 2" AND WIDER	HEM-FIR NO. 2	850
	DOUGLAS FIR-LARCH NO. 2	900
BEAMS & STRINGERS		
5"x5" AND LARGER	DOUGLAS FIR-LARCH NO. 1	1,350
POSTS		
5"x5" AND LARGER	DOUGLAS FIR-LARCH NO. 1	1,200
4"X4"	DOUGLAS FIR-LARCH NO. 1	1,000
T & G DECKING		
2x4 SOLID TIMBER	DOUGLAS FIR-LARCH SELECT	1,750

GLUED-LAMINATED TIMBER
GLUED-LAMINATED TIMBER SHALL BE MANUFACTURED IN ACCORDANCE WITH ANSI/AITC A190.1 "STRUCTURAL GLUED LAMINATED TIMBER". APPLY ONE COAT OF PENETRATING END SEALER IMMEDIATELY AFTER TRIMMING IN SHOP OR FIELD. MEMBERS SHALL BE VISUALLY GRADED WESTERN SPECIES MANUFACTURED WITH ARCHITECTURAL APPEARANCE GRADE AND WITH LAYUP COMBINATION AS FOLLOWS. LAYUP SHALL BE MODIFIED TO MEET 1-HOUR FIRE RATING.

TYPE	COMBINATION SYMBOL	SPECIES	USES
BEAMS	24F-V4	DF/DF	SIMPLE SPAN
	24F-V8	DF/DF	CONTINUOUS OR CANTILEVER SPAN
COLUMNS	24F-V8	DF/DF	ALL
PITCHED BEAMS	24F-V8	DF/DF	ALL

STRUCTURAL COMPOSITE LUMBER
STRUCTURAL COMPOSITE LUMBER PRODUCTS SHALL BE OF THE SIZE AND TYPE SHOWN ON THE DRAWINGS AND MANUFACTURED BY TRUS JOIST OR APPROVED EQUAL. MEMBERS SHALL HAVE THE FOLLOWING MINIMUM DESIGN PROPERTIES:

TYPE	MODULUS OF ELASTICITY (PSI)	ALLOWABLE FLEXURAL STRESS (PSI)
PSL (COL)	1,800,000	2,400
PSL (BEAM)	2,000,000	2,900
LVL	2,000,000	2,600
LSL	1,300,000	1,700
LSL	1,550,000	2,325

FLEXURAL STRESSES NOTED ABOVE ARE FOR A 12-INCH MEMBER. DEEPER MEMBERS SHALL BE DESIGNED FOR REDUCED STRESSES PER THE MANUFACTURER'S REQUIREMENTS.

PRODUCT SUBSTITUTION REQUESTS SHALL INCLUDE AN ICC-ES OR IAPMO-UES REPORT VALID FOR THE 2012 IBC. PRODUCT SUBSTITUTIONS SHALL BE DEMONSTRATED TO HAVE EQUIVALENT STRENGTH, STIFFNESS, AND ALLOWABLE SPACING OF FASTENERS WITHOUT ALTERING THE STRUCTURAL DESIGN. WHERE SUBSTITUTION REQUESTS INVOLVE ALTERING THE STRUCTURAL DESIGN, THE SUBSTITUTION REQUEST SHALL INCLUDE THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN.

WOOD I-JOISTS
WOOD I-JOISTS SHALL BE MANUFACTURED BY TRUS JOIST OR APPROVED EQUAL. JOISTS SHALL BE OF THE SIZE AND PROFILE SHOWN ON THE DRAWINGS. JOISTS SHALL BE COMPATIBLE WITH THE LOAD, DIMENSIONAL, AND FIRE RATING REQUIREMENTS OF THE PROJECT.

PRODUCT SUBSTITUTION REQUESTS SHALL INCLUDE AN ICC-ES OR IAPMO-UES REPORT VALID FOR THE 2012 IBC. PRODUCT SUBSTITUTIONS SHALL BE DEMONSTRATED TO HAVE EQUIVALENT STRENGTH, STIFFNESS, AND ALLOWABLE SPACING OF FASTENERS WITHOUT ALTERING THE STRUCTURAL DESIGN. WHERE SUBSTITUTION REQUESTS INVOLVE ALTERING THE STRUCTURAL DESIGN, THE SUBSTITUTION REQUEST SHALL INCLUDE THE SEAL AND SIGNATURE OF THE WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN.

JOISTS SHALL BE SUPPLIED WITH THE PROPER END CONNECTIONS, WEB STIFFENERS, BRIDGING, AND BRACING TO PROVIDE LATERAL STABILITY OF ALL JOISTS. HANGERS SHALL BE PROVIDED BY THE JOIST SUPPLIER WHERE SUPPORT CONDITIONS REQUIRE THEM. WELDABLE HANGERS SHALL BE PROVIDED WHERE HANGERS ATTACH TO STEEL MEMBERS.

OPEN-WEB PIN-CONNECTED TRUSSES
BIDDER-DESIGNED OPEN-WEB PIN-CONNECTED TRUSSES SHALL COMPLY WITH IBC 2303.4 AND BE DESIGNED AND DETAILED BY REDBUILT OR APPROVED EQUAL. TRUSSES SHALL BE OF THE PROFILE SHOWN ON THE DRAWINGS AND SHALL BE COMPATIBLE WITH THE LOAD, DIMENSIONAL, AND FIRE RATING REQUIREMENTS OF THE PROJECT. MINIMUM TRUSS DESIGN LOADS SHALL BE AS FOLLOWS:

DEAD LOAD: TOP CHORD = 15 PSF
BOT CHORD = 10 PSF
LIVE LOAD: TOP CHORD = 50 PSF (ROOF LIVE)
WIND NET UPLIFT: 15 PSF

DEFLECTION CRITERIA: LIVE LOAD = L/360
DEAD + LIVE LOAD = L/240

SPECIFIED LOADS ARE SERVICE LEVEL. DEAD LOAD DOES NOT INCLUDE TRUSS SELF WEIGHT. SEE PLANS AND DETAILS FOR ADDITIONAL LOADING REQUIREMENTS SUCH AS TRANSMISSION OF IN-PLANE LATERAL WIND OR SEISMIC FORCES AND MECHANICAL UNIT LOCATIONS.

TRUSSES SHALL BE SUPPLIED WITH THE PROPER END CONNECTIONS, BRIDGING, AND BRACING TO PROVIDE LATERAL STABILITY OF ALL TRUSSES AND TRUSS MEMBERS, AND TIE-DOWN CONNECTIONS FROM TRUSSES TO TOPS OF WALLS AND BEAMS. TRUSSES SHALL BE TOP CHORD BEARING AT SUPPORTS AS INDICATED. THE TRUSS MANUFACTURER IS RESPONSIBLE FOR ENSURING THE BEARING SEAT DOES NOT EXCEED THE COMPRESSION CAPACITY OF THE SUPPORTING WALL PLATE. HANGERS SHALL BE PROVIDED BY THE TRUSS SUPPLIER WHERE SUPPORT CONDITIONS REQUIRE THEM. WELDABLE HANGERS SHALL BE PROVIDED WHERE HANGERS ATTACH TO STEEL MEMBERS.

WOOD STRUCTURAL PANELS
WOOD STRUCTURAL PANELS SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF DOC PS 1 OR DOC PS 2. SHEATHING SHALL BE AS FOLLOWS:

ROOF SHEATHING
23/32 CATEGORY APA RATED SHEATHING, 48/24, EXPOSURE 1

SHEAR WALL SHEATHING
19/32 CATEGORY APA STRUCTURAL 1 RATED SHEATHING, 32/16, EXPOSURE 1

ALL ROOF SHEATHING SHALL BE INSTALLED WITH THE LONG DIMENSION PERPENDICULAR TO SUPPORTS, UNLESS NOTED OTHERWISE, AND WITH THE PANELS CONTINUOUS OVER TWO OR MORE SUPPORTS. INSTALL WITH 1/8" GAP BETWEEN PANELS. SHEAR WALL NAILS SHALL BE DRIVEN FLUSH, BUT SHALL NOT FRACTURE THE SURFACE OF THE SHEATHING.

LOGS
LOGS SHALL CONFORM TO "LOG PROGRAM TECHNICAL GUIDE", TIMBER PRODUCT INSPECTION, INC. (TPI) LATEST EDITION. DESIGN STRESSES ARE BASED ON ICC 400-2012, "STANDARD ON THE DESIGN AND CONSTRUCTION OF LOG STRUCTURES".

3 TYPE	ALLOWABLE FLEXURAL STRESS (PSI)	ALLOWABLE COMPRESSIVE STRESS (PSI)
WESTERN RED CEDAR NO. 3	650	400
DOUGLAS FIR NO. 3	925	525

LOG DESIGN BASED ON TAPER OF NO MORE THAN 1 1/2" PER 10 FEET OF LENGTH; NOTIFY EOR IF TAPER EXCEEDS THIS VALUE. LOGS SHALL HAVE A MINIMUM MIDSPAN DIAMETER AS SPECIFIED ON PLAN.

TIMBER FASTENERS AND CONNECTORS
WOOD CONNECTORS SHALL BE SIMPSON STRONG-TIE AS SPECIFIED IN CATALOG C-C-2017, OR APPROVED EQUAL. INSTALL CONNECTORS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS WITH NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY THE MANUFACTURER. WHERE CONNECTOR STRAPS CONNECT TWO MEMBERS, PLACE ONE-HALF OF THE FASTENERS IN EACH MEMBERS. ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A 307. PROVIDE STANDARD WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. ALL SHIMS SHALL BE SEASONED DRY AND BE THE SAME GRADE (MIN) AS THE MEMBERS CONNECTED. ALL JOISTS SHALL BE CONNECTED TO FLUSH BEAMS WITH LU SERIES JOIST HANGERS, UNLESS NOTED OTHERWISE. ALL DOUBLE AND TRIPLE-JOIST BEAMS SHALL BE CONNECTED TO FLUSH BEAMS WITH U SERIES HANGERS, UNLESS NOTED OTHERWISE.

ALL FRAMING NAILS SHALL HAVE THE SIZE AND MINIMUM LENGTH AS SPECIFIED IN THE FOLLOWING TABLE, UNLESS NOTED OTHERWISE. NAIL TYPE SHALL BE COMMON UNLESS NOTED OTHERWISE. POWER-DRIVEN NAILS AND STAPLES SHALL BE IN ACCORDANCE ICC-ES ESR-1539. NAILING NOT SHOWN SHALL BE AS INDICATED IN IBC TABLE 2304.10.1. SEE 7 / S6.04 AND -/ --- FOR NAIL SIZES AT SHEAR WALL AND ROOF/FLOOR DIAPHRAGM SHEATHING, RESPECTIVELY.

FRAMING NAILS

MARK	TYPE	SHANK DIAMETER	MINIMUM LENGTH
8d	COMMON	0.131"	2 1/2"
10d	COMMON	0.148"	3"
16d	COMMON	0.162"	3 1/2"
16d-SHORT	SHORT	0.131"	3 1/4"

POWER-DRIVEN NAILS MAY BE SUBSTITUTED FOR COMMON NAILS AT SPACING AS FOLLOWS. SUBSTITUTIONS FOR NAIL SIZE, SPACING, OR QUANTITY NOT SHOWN REQUIRE APPROVAL.

ALTERNATE NAILING SCHEDULE

FASTENER TYPE	SHANK DIAMETER	LENGTH	SPACING						
8d COMMON	0.131"	2 1/2"	16"	12"	8"	6"	4"	3"	2"
16d SHORT	0.131"	3 1/4"	16"	12"	8"	6"	4"	3"	2"
10d COMMON	0.148"	3"	16"	12"	8"	6"	4"	3"	2"
16d SHORT	0.131"	3 1/4"	12"	10"	6"	4"	3"	2 1/2"	1 1/2"
16d COMMON	0.162"	3 1/2"	16"	12"	8"	6"	4"	3"	-
16d SHORT	0.131"	3 1/4"	10"	8"	5"	4"	2 1/2"	2"	-

ALL FASTENERS AND CONNECTORS IN CONTACT WITH PRESERVATIVE-TREATED LUMBER SHALL BE GALVANIZED WITH A MINIMUM COATING OF 1.85 OUNCES/SQUARE FOOT.

IDENTIFICATION
ALL SAWN LUMBER AND PREFABRICATED WOOD PRODUCTS SHALL BE IDENTIFIED BY A GRADE MARK OR CERTIFICATE OF INSPECTION ISSUED BY THE CERTIFYING AGENCY.

GLUED ROOF SYSTEM
ALL HORIZONTAL SHEATHING SHALL BE GLUED TO ROOF TRUSSES, ROOF JOISTS, RIM BOARDS, AND BLOCKING. THE FIELD-GLUED SYSTEM SHALL BE INSTALLED ACCORDING TO THE RECOMMENDATIONS OF THE APA. GLUE SHALL BE APPLIED TO THE SUPPORTING FRAMING AND TO THE GROOVE IN THE EDGE OF THE T&G PANELS. GLUE SHALL MEET THE REQUIREMENTS OF THE APA ADHESIVE SPECIFICATION AFG-01 AND SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

WOOD SHRINKAGE
THE ARCHITECTURAL, PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE PROTECTION SYSTEMS SHALL BE DESIGNED TO ACCOUNT FOR THE CUMULATIVE VERTICAL SHRINKAGE DUE TO LUMBER DRYING AND CRUSHING DUE TO THE BUILDING SELF-WEIGHT. LUMBER DRYING SHRINKAGE IS BASED ON A MOISTURE CONTENT AT THE TIME OF PLACEMENT EQUAL TO 19% AND A FINAL MOISTURE CONTENT OF 9%.

PRESERVATIVE-TREATED WOOD
WOOD SHALL BE PROTECTED FROM DECAY AND TERMITES IN ACCORDANCE WITH IBC 2304.12. PRESERVATIVE-TREATMENTS SHALL CONFORM TO THE APPROPRIATE STANDARDS OF THE AWPA FOR SAWN LUMBER, GLUED-LAMINATED TIMBER, ROUND POLES, PILES, AND MARINE PILES AND SHALL BEAR A TREATMENT IDENTIFICATION MARK BY THE CERTIFYING AGENCY. THE SELECTED PRESERVATIVE-TREATMENT SHALL CONFORM TO THE "BEST MANAGEMENT PRACTICES" OF THE WWPI. ALL LUMBER IN CONTACT WITH CMU, CONCRETE, OR GROUND SURFACES SHALL BE PRESERVATIVE-TREATED. PRESERVATIVE TREATMENT SHALL NOT REDUCE ALLOWABLE DESIGN STRESSES.

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PHASE 2 - BUILDING AND LANDSCAPING

STRUCTURAL NOTES

ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	PHASE 2 CONSTRUCTION SET	03/13/19
3	PHASE 2 ASI 1	05/22/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

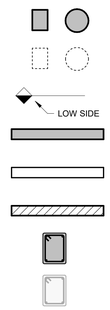
SHEET NO
S0.02

STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLT
ADD'L	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISH FLOOR
AGG	AGGREGATE
ANCH	ANCHOR
ARCH	ARCHITECTURAL
ARD	ADHESIVE REINFORCING DOWEL
B/	BOTTOM OF
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BN	DIAPHRAGM BOUNDARY NAILING
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
BTWN	BETWEEN
BUR	BUILT-UP ROOF
C	CAMBER
CAP	CAPACITY
CC	CENTER TO CENTER
CDF	CONTROLLED DENSITY FILL
CIP	CAST-IN-PLACE
CJ	CONSTRUCTION OR CONTROL JOINT
CJP	COMPLETE JOINT PENETRATION
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CTR	CENTER
CY	CUBIC YARD
DB	DIVIDER BEAM
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DCW	DEMAND CRITICAL WELD
DEMO	DEMOLISH
DET	DETAIL
DF	DOUGLAS FIR
DIA	DIAMETER
DIAG	DIAGONAL
DKG	DECKING
DN	DOWN
DO	DITTO
DWF	DEFORMED WIRE FABRIC
DWG	DRAWING
DWL	DOWEL
EA	EACH
EF	EACH FACE
EL	ELEVATION
ELECT	ELECTRICAL
ELEV	ELEVATOR
EN	PANEL EDGE NAILING
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EX	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
F	FAHRENHEIT
FD	FLOOR DRAIN
FDN	FOUNDATION
FF	FINISH FLOOR
FIN	FINISH
FLG	FLANGE
FLR	FLOOR
FOB	FACE OF BUILDING
FS	FAR SIDE
FT	FEET
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GEN	GENERAL
GL	GLUED LAMINATED TIMBER
GOVT	GOVERNMENT
GR	GRADE
GWB	GYPSUM WALL BOARD
HF	HEM-FIR
HGR	HANGER
HK	HOOK
HORIZ	HORIZONTAL
HP	HIGH POINT
HSS	HOLLOW STRUCTURAL SECTION
IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IF	INSIDE FACE
IN	INCH
INFO	INFORMATION
INT	INTERIOR
JST	JOIST
JT	JOINT
K	KIP (1,000 LBS.)
KSF	KIPS PER SQUARE FOOT
LF	LINEAL FOOT
LFH	LONG FACE HORIZONTAL
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LP	LOW POINT
LSL	LAMINATED STRAND LUMBER
LVL	LAMINATED VENEER LUMBER
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MOM	MOMENT
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NS	NONSHRINK
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
OWT	OPEN WEB TRUSS
P	POST
PAF	POWER ACTUATED FASTENER
PC	PIECE
PC	PILE CAP
PEN	PENETRATION
PJP	PARTIAL JOINT PENETRATION
PL	PLATE
PL	PROPERTY LINE
PLWD	PLYWOOD
PNL	PANEL
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESERVATIVE-TREATED
R	RADIUS
RD	ROOF DRAIN
REINF	REINFORCING
REM	REMAIN(DER)
REQ'D	REQUIRED
RND	ROUND
RO	ROUGH OPENING
RTN	RETURN
SC	SLIP CRITICAL
SCHED	SCHEDULE
SDQ	SPECIAL DUCTILE QUALITY
SECT	SECTION
SFRS	SEISMIC FORCE-RESISTING SYSTEM
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SOG	SLAB-ON-GRADE
SP	SPACE
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
ST	SUSTAINED TENSION ANCHOR
STD	STANDARD
STIFF	STIFFENER
STIRR	STIRRUP
STL	STEEL
STRUCT	STRUCTURAL
SUPP	SUPPORT
SYM	SYMMETRICAL
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
T/	TOP OF
TB	TABLE
THK	THICK(NESS)
THRU	THROUGH
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UT	ULTRASONIC TESTING
VERT	VERTICAL
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WD	WOOD
WHS	WELDED HEADED STUD
WL	WATER LINE
WP	WORK POINT
WRC	WESTERN RED CEDAR

STRUCTURAL DRAWING SYMBOLS

CONCRETE SYMBOLS



CONCRETE COLUMN ABOVE OR PASSING THRU THIS LEVEL

CONCRETE COLUMN BELOW

STEPPED FOOTING

CONCRETE WALL ABOVE OR PASSING THRU LEVEL

PARTIAL HEIGHT CONCRETE WALL

MASONRY WALLS

CONCRETE IN CROSS SECTION

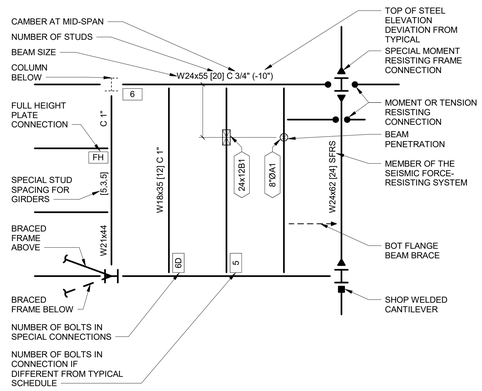
EXISTING CONCRETE IN CROSS SECTION

STEEL SYMBOLS

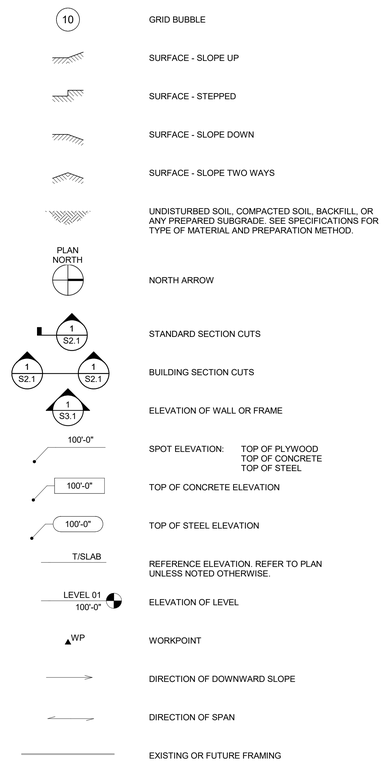
STEEL COLUMN ABOVE OR PASSING THRU THIS LEVEL

STEEL COLUMN BELOW THIS LEVEL

STEEL IN CROSS SECTION



GENERAL SYMBOLS



GRID BUBBLE

SURFACE - SLOPE UP

SURFACE - STEPPED

SURFACE - SLOPE DOWN

SURFACE - SLOPE TWO WAYS

UNDISTURBED SOIL, COMPACTED SOIL, BACKFILL, OR ANY PREPARED SUBGRADE. SEE SPECIFICATIONS FOR TYPE OF MATERIAL AND PREPARATION METHOD.

NORTH ARROW

STANDARD SECTION CUTS

BUILDING SECTION CUTS

ELEVATION OF WALL OR FRAME

SPOT ELEVATION: TOP OF PLYWOOD, TOP OF CONCRETE, TOP OF STEEL

TOP OF CONCRETE ELEVATION

TOP OF STEEL ELEVATION

REFERENCE ELEVATION. REFER TO PLAN UNLESS NOTED OTHERWISE.

ELEVATION OF LEVEL

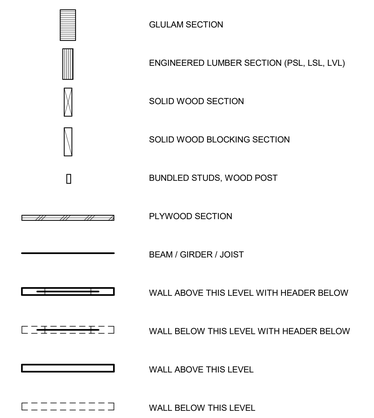
WORKPOINT

DIRECTION OF DOWNWARD SLOPE

DIRECTION OF SPAN

EXISTING OR FUTURE FRAMING

WOOD SYMBOLS



HINGE CONNECTION

GLULAM SECTION

ENGINEERED LUMBER SECTION (PSL, LSL, LVL)

SOLID WOOD SECTION

SOLID WOOD BLOCKING SECTION

BUNDLED STUDS, WOOD POST

PLYWOOD SECTION

BEAM / GIRDER / JOIST

WALL ABOVE THIS LEVEL WITH HEADER BELOW

WALL BELOW THIS LEVEL WITH HEADER BELOW

WALL ABOVE THIS LEVEL

WALL BELOW THIS LEVEL

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PHASE 2 - BUILDING AND LANDSCAPING

STRUCTURAL ABBREVIATIONS AND SYMBOLS

ISSUANCE

No.	Description	Date
	PERMIT SET	04/09/18
	PHASE 1 BID SET	06/11/18
	PHASE 2 PERMIT SET	08/20/18
	PHASE 1 CONSTRUCTION SET	08/24/18
	PHASE 2 BID SET	10/08/18
	PHASE 2 CONSTRUCTION SET	03/13/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION

PROJECT NUMBER:	17031
PROJECT LEAD:	GMH
DRAWN BY:	BLE

SHEET NO

S0.03

STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS AND TESTING

TABLE 1 - REQUIRED GEOTECHNICAL SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	INSPECTION: IBC CODE REFERENCE	INSPECTION: CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6): CONTINUOUS	FREQUENCY (NOTE 6): PERIODIC	REMARKS
SOILS					
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	TB 1705.6 1705.6	GEOTECHNICAL REPORT	-	X	BY THE GEOTECHNICAL ENGINEER
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.			-	X	
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.			-	X	
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.			X	-	
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.			-	X	

TABLE 2 - REQUIRED STRUCTURAL SPECIAL INSPECTIONS

SYSTEM OR MATERIAL	INSPECTION: IBC CODE REFERENCE	INSPECTION: CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6): CONTINUOUS	FREQUENCY (NOTE 6): PERIODIC	REMARKS
FABRICATION					
INSPECTION IN FABRICATION SHOP	1704.2.5	-	-	-	WHERE FABRICATION OF STRUCTURAL LOAD-BEARING MEMBERS AND ASSEMBLIES IS BEING PERFORMED ON THE PREMISES OF A FABRICATOR'S SHOP, SPECIAL INSPECTION OF THE FABRICATED ITEMS SHALL BE AS REQUIRED BY TABLE 2 AND AS REQUIRED ELSEWHERE IN THE STATEMENT OF SPECIAL INSPECTIONS. REFERENCE SECTION 1704.2.5.2 FOR APPROVED FABRICATOR EXCEPTION.
CONCRETE					
INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.	TB 1705.3(1) 1705.3 1910.4	ACI 318: 1.3.2 ACI 318: 3.5 ACI 318: 7.1-7.7	-	X	TOLERANCE AND REINFORCING PLACEMENT PER ACI 318: 7.5
INSPECTION OF REINFORCING STEEL WELDING	TB 1705.3(2) 1705.2.2.1.2	ACI 318: 3.5.2 AWS D1.4: 7	-	-	EXCEPT AS NOTED OTHERWISE
MATERIAL VERIFICATION OF WELD FILLER METALS	1705.2.2.1.2	ACI 318: 3.5.2 AWS D1.4: 7	-	X	MANUFACTURER'S CERTIFIED TEST REPORTS
VERIFYING USE OF PROPER WELDING PROCEDURE SPECIFICATIONS			-	X	COPY OF WELDING PROCEDURE SPECIFICATIONS
VERIFYING WELDER QUALIFICATIONS			-	X	COPY OF QUALIFICATION CARDS
VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706.	TB 1705.2.2 (2.b.1)	AWS D1.4 ACI 318: 3.5.2	-	X	CERTIFIED MILL TEST REPORTS
SHEAR REINFORCEMENT	TB 1705.2.2 (2.b.3)		X	-	-
OTHER REINFORCING STEEL	TB 1705.2.2 (2.b.4)		-	X	-
INSPECT...	WAC 51-50-1705	ACI 318 D.9.2	-	X	ALL ANCHORS SHALL BE VISUALLY INSPECTED
INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:					
ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	WAC 51-50-1705	ICC/IAPMO EVALUATION REPORT ACI 318: D.9.2.4	X	-	REFER TO ANCHOR CALLOUTS FOR SUSTAINED TENSION (ST) DESIGNATION
MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED ABOVE.	WAC 51-50-1705	ICC/IAPMO EVALUATION REPORT ACI 318: D.9.2	-	X (NOTE 7)	ALL ANCHORS SHALL BE VISUALLY INSPECTED
VERIFYING USE OF REQUIRED DESIGN MIX.	TB 1705.3(5) 1705.3 1904 1910.2 1910.3	ACI 318: 1.3.2 ACI 318: 4 ACI 318: 5.2-5.4	-	X	-
AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TEST, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	TB 1705.3(6) 1910.10	ASTM C 172 ASTM C 31 ACI 318: 5.6,5.8	X	-	-
INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	TB 1705.3(7) 1705.3 1910.6-8	ACI 318: 5.9-5.10	X	-	-
INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	TB 1705.3(8) 1705.3 1910.9	ACI 318: 1.3.2 ACI 318: 5.11-5.13	-	X	-
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	TB 1705.3(12) 1705.3	ACI 318: 6.1.1, 6.2	-	X	-
STEEL					
INSPECTION TASKS PRIOR TO WELDING:					
WELDING PROCEDURE SPECIFICATIONS (WPS'S) AVAILABLE	1705.2	AISC 360: TB N5.4-1 AISC 360: N5.4	-	X	-
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE			-	X	-
MATERIAL IDENTIFICATION (TYPE/GRADE)			X	-	-
WELDER IDENTIFICATION SYSTEM			X	-	-
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY): JOINT PREPARATION, DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL), CLEANLINESS (CONDITION OF STEEL SURFACES), TACKING (TACK WELD QUALITY AND LOCATION), BACKING TYPE AND FIT (IF APPLICABLE)			X	-	-
CONFIGURATION AND FINISH OF ACCESS HOLES			X	-	-
FIT-UP OF FILLET WELDS: DIMENSIONS (ALIGNMENT, GAPS AT ROOT), CLEANLINESS (CONDITION OF STEEL SURFACES), TACKING (TACK WELD QUALITY AND LOCATION), BACKING TYPE AND FIT (IF APPLICABLE)			X	-	-
CHECK WELDING EQUIPMENT			-	-	FABRICATOR OR ERECTOR SHALL OBSERVE
INSPECTION TASKS DURING WELDING:					
USE OF QUALIFIED WELDERS	1705.2	AISC 360: TB N5.4-2 AISC 360: N5.4	X	-	-
CONTROL AND HANDLING OF WELDING CONSUMABLES: PACKAGING, EXPOSURE CONTROL			X	-	-
NO WELDING OVER CRACKED TACK WELDS			X	-	-
ENVIRONMENTAL CONDITIONS: WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE			X	-	-
WPS'S FOLLOWED: SETTINGS ON WELDING EQUIPMENT, TRAVEL SPEED, SELECTED WELDING MATERIALS, SHIELDING GAS TYPE/FLOW RATE, PREHEAT APPLIED, INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.), PROPER POSITION (F, V, H, OH)			X	-	-
WELDING TECHNIQUES: INTERPASS AND FINAL CLEANING, EACH PASS WITHIN PROFILE LIMITATIONS, EACH PASS MEETS QUALITY REQUIREMENTS			X	-	-
INSPECTION TASKS AFTER WELDING:					
WELDS CLEANED	1705.2	AISC 360: TB N5.4-3 AISC 360: N5.4	X	-	-
SIZE, LENGTH AND LOCATION OF WELDS			-	X	-
WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION, WELD/BASE-METAL FUSION, CRATER CROSS SECTION, WELD PROFILES, WELD SIZE, UNDERCUT, POROSITY			-	X	-
ARC STRIKES			-	X	-
K-AREA			-	X	-
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)			-	X	-
REPAIR ACTIVITIES			-	X	-
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER			-	X	-
INSPECTION TASKS PRIOR TO BOLTING:					
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	1705.2	AISC 360: TB N5.6-1 AISC 360: N5.6	-	X	-
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS			X	-	-
PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)			X	-	-
PROPER BOLTING PROCEDURE FOR JOINT DETAIL			X	-	-
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS			X	-	-
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED			X	-	-
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS			X	-	-
INSPECTION TASKS DURING BOLTING:					
FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	1705.2	AISC 360: TB N5.6-2 AISC 360: N5.6	X	-	-
JOINT BROUGHT TO SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION			X	-	-
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING			X	-	-
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES			X	-	-
INSPECTION TASKS AFTER BOLTING:					
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	1705.2	AISC 360: TB N5.6-3	-	X	-
INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT:					
PLACEMENT AND INSTALLATION OF STEEL DECK	1705.2	AISC 360: TB N6.1 AISC 360: N6.1	-	X	-
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS			-	X	-
DOCUMENT ACCEPTANCE OR REJECTION OF STEEL ELEMENTS			-	X	-
WOOD					
FABRICATION OF PREFABRICATED STRUCTURAL ELEMENTS	1704.2.5	-	-	X	REFER TO INSPECTION IN FABRICATION SHOP REQUIREMENTS
FABRICATION OF HIGH-LOAD DIAPHRAGMS	AF&PA SDPWS TB 4.2 1705.5.1 2306.2	-	-	X	VERIFY STRUCTURAL PANEL GRADE AND THICKNESS. VERIFY NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES. VERIFY NAIL OR STAPLE DIAMETER AND LENGTH, NUMBER OF FASTENER LINES AND SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS
PREFABRICATED WOOD SHEAR PANELS	1703.4 1705.1.1(3)	ICC/IAPMO EVALUATION REPORT	-	X	SPECIAL INSPECTIONS APPLY TO HOLD-DOWN ANCHOR SIZE AND PLACEMENT, INCLUDING EMBEDMENT LENGTH, SPACING, AND EDGE DISTANCE

TABLE 2A - REQUIRED STRUCTURAL SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE

SYSTEM OR MATERIAL	INSPECTION: IBC CODE REFERENCE	INSPECTION: CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6): CONTINUOUS	FREQUENCY (NOTE 6): PERIODIC	REMARKS
GENERAL					
SEISMIC FORCE-RESISTING SYSTEMS (SFRS) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E OR F	1704.3.2 1705.11	-	X	-	REFERENCE GENERAL STRUCTURAL NOTES FOR OUTLINE OF SFRS SYSTEM. REFERENCE TABLE 2A FOR MATERIAL SPECIFIC INSPECTION REQUIREMENTS.
WOOD					
CONNECTIONS FOR DIAPHRAGM CHORDS, COLLECTORS, BRACING, AND SHEAR WALL ANCHORAGE AND HOLD-DOWNS		-	-	X	ALL CONNECTIONS VISUALLY INSPECTED
FASTENING OF DIAPHRAGM AND SHEAR WALL SHEATHING WITH EDGE NAILING 4 INCHES ON CENTER OR LESS		-	-	X	ALL FASTENING VISUALLY INSPECTED. NOT REQUIRED WHERE THE FASTENER SPACING IS MORE THAN 4 INCHES ON CENTER

TABLE 2B - REQUIRED STRUCTURAL SPECIAL INSPECTIONS FOR WIND RESISTANCE

SYSTEM OR MATERIAL	INSPECTION: IBC CODE REFERENCE	INSPECTION: CODE OR STANDARD REFERENCE	FREQUENCY (NOTE 6): CONTINUOUS	FREQUENCY (NOTE 6): PERIODIC	REMARKS
GENERAL					
ROOF CLADDING AND WALL CLADDING	1705.10.3	-	-	X	-
WOOD					
CONNECTIONS FOR DIAPHRAGM CHORDS, COLLECTORS, BRACING, AND SHEAR WALL ANCHORAGE AND HOLD-DOWNS		-	-	X	ALL CONNECTIONS VISUALLY INSPECTED
FASTENING OF DIAPHRAGM AND SHEAR WALL SHEATHING WITH EDGE NAILING 4 INCHES ON CENTER OR LESS		-	-	X	ALL FASTENING VISUALLY INSPECTED. NOT REQUIRED WHERE THE FASTENER SPACING IS MORE THAN 4 INCHES ON CENTER

TABLE 3 - REQUIRED STRUCTURAL TESTING

SYSTEM OR MATERIAL	TESTING: IBC CODE REFERENCE	TESTING: CODE OR STANDARD REFERENCE	FREQUENCY: CONTINUOUS	FREQUENCY: PERIODIC	REMARKS
GEOTECHNICAL					
FILL IN-PLACE DENSITY OR PREPARED SUB GRADE DENSITY	1705.6	VARIES; MINIMUM PER IBC APPENDIX J107.5	-	X	BY THE GEOTECHNICAL ENGINEER
MATERIAL VERIFICATION		VARIES; CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS	-	X	BY THE GEOTECHNICAL ENGINEER
CONCRETE					
COMPOSITE SAMPLES	1903 1705.3	ASTM C 172 ACI 318: 5.6	ONE SAMPLE FOR EA 150 CY NOR LESS THAN 5,000 SQ FT OF SLABS AND WALLS, ONE SET PER DAY MIN		OBTAIN WHEN FRESH CONCRETE IS PLACED FOR EACH MIX DESIGN USED
CONCRETE STRENGTH, UNO		ASTM C 39	EACH SAMPLE: 1 CYL - 7 DAYS 3 CYL - TEST AGE 1 CYL - HOLD		(NOTE 9) REFER TO GENERAL NOTES FOR TEST AGE. FOR 6 BY 12-INCH CYLINDERS, 2 CYLINDERS AT TEST AGE IS PERMITTED. CYL = CYLINDER
CONCRETE SLUMP		ASTM C 143	ONE TEST PER COMPOSITE SAMPLE		AT POINT OF PLACEMENT
CONCRETE AIR CONTENT		ASTM C 231	ONE TEST PER COMPOSITE SAMPLE		MIN ONE PER DAY
CONCRETE TEMPERATURE		ASTM C 1064	ONE TEST PER COMPOSITE SAMPLE		ONE TEST PER HOUR WHEN AIR TEMP IS BELOW 40 DEG F OR ABOVE 80 DEG F
STEEL					
RADIOGRAPHIC (RT) MAGNETIC PARTICLE (MT) AND ULTRASONIC (UT) TESTING OF WELDS	AISC 360 5.5	RT- AWS D1.1: 6.16 MT- AWS D1.1: 6.14.4 UT- AWS D1.1: 6.13 & 6.14.3	PER DRAWINGS		ALL CJP WELDS IN MATERIALS 5/16" OR GREATER REQUIRE UT TESTING
PRE-CONSTRUCTION TESTING OF WELDED STUDS	1705.2.2.1	AWS D1.1: 7.7.1	EACH SIZE AND TYPE OF STUD EACH SHIFT		-
PRE-INSTALLATION TESTING OF WELDED STUDS WELDED THROUGH DECKING	1705.2.2.1	AWS D1.1: 7.6	EACH STUD SIZE AND DECK GAUGE COMBINATION		-
PRE-INSTALLATION VERIFICATION OF PRETENSIONED HIGH STRENGTH BOLTS	1705.2.1 AISC 360: TB N5.6-1	RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS, SECTION 7	EACH COMBINATION OF DIAMETER, LENGTH, GRADE, AND LOT TO BE USED IN THE WORK		-

STATEMENT OF SPECIAL INSPECTION AND TESTING NOTES:

1. SPECIAL INSPECTIONS SHALL CONFORM TO CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE (IBC). REFER TO TABLES 1 AND 2 FOR SPECIAL INSPECTION AND TABLES 3 AND 4 FOR TESTING REQUIREMENTS.
2. REFERENCE CODES AND STANDARDS ARE AS FOLLOWS:

   IBC 2012
   ACI 318-11
   AWS CURRENT EDITION
   ASTM CURRENT EDITION
   AISC 360-10
   341-10
   RCSC 2009
3. SPECIAL INSPECTIONS AND ASSOCIATED TESTING SHALL BE PERFORMED BY AN APPROVED QUALIFIED TESTING AND INSPECTING AGENCY MEETING THE REQUIREMENTS OF ASTM E 329 (MATERIALS), ASTM D 3740 (SOILS), ASTM C 1077 (CONCRETE), ASTM A 880 (STEEL), AND ASTM E 543 (NON-DESTRUCTIVE). THE TESTING AND INSPECTING AGENCY SHALL FURNISH TO THE ARCHITECT A COPY OF THEIR SCOPE OF ACCREDITATION. SPECIAL INSPECTORS SHALL BE CERTIFIED BY THE BUILDING OFFICIAL. WELDING INSPECTORS SHALL BE QUALIFIED PER SECTION 6.1.4.1.1 OF AWS D1.1 AND WABO.
4. THE SPECIAL INSPECTOR SHALL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION AND NOTED IN THE INSPECTION REPORTS. ISSUES REQUIRING IMMEDIATE CORRECTIVE ACTIONS OR ENGINEERING INPUT ARE TO BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY UPON DISCOVERY.
5. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, ARCHITECT, CONTRACTOR, AND OWNER. THE TESTING AND INSPECTING AGENCY SHALL SUBMIT A FINAL REPORT STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED AND IS IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THAT ALL DISCREPANCIES NOTED IN THE INSPECTION REPORTS HAVE BEEN CORRECTED.
6. CONTINUOUS SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED. PERIODIC SPECIAL INSPECTION: SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED.
7. WHERE PERIODIC INSPECTION IS ALLOWED IN ACCORDANCE WITH THE ANCHOR ICC/IAPMO EVALUATION REPORT, INSPECTIONS SHALL...
   - FOR ALL ANCHORS, PRIOR TO CONCEALMENT, VERIFY: ANCHOR TYPE, ANCHOR DIMENSIONS, ANCHOR SPACING AND EDGE...
   - FOR EACH ANCHOR TYPE AND SIZE, INSPECTOR SHALL BE ONSITE TO CONTINUOUSLY INSPECT A MINIMUM OF THE FIRST 10 ANCHORS INSTALLED BY EACH INSTALLER FOR CONFORMANCE WITH ICC/IAPMO EVALUATION REPORT. PROVIDED ALL ANCHORS ARE INSTALLED CORRECTLY PER MANUFACTURER'S INSTRUCTIONS, PROVIDE PERIODIC INSPECTION ON A MINIMUM OF 10% OF THE NEXT 1000 ANCHORS BY EACH INSTALLER AND A MINIMUM OF 5% OF THE REMAINING ANCHORS BY EACH INSTALLER. INSPECTIONS SHALL OCCUR A MINIMUM OF ONCE PER WEEK AT A RANDOM TIME WHILE ANCHOR INSTALLATION IS ONGOING. ANY NON-COMPLIANCE ISSUES SHALL RESET THE INSPECTION REQUIREMENTS TO TEN (10) CONTINUOUS INSPECTIONS. NON-COMPLIANT ANCHORS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR REVIEW AND SHALL BE BROUGHT INTO COMPLIANCE BY EITHER TESTING OR RE-INSTALLATION.
   - INSPECTION REPORTS SHALL IDENTIFY NAMES OF INSTALLERS.
   - SPECIAL INSPECTOR SHALL PROVIDE DOCUMENTATION AT THE END OF ANCHOR INSTALLATIONS STATING THAT THE MINIMUM NUMBER OF ANCHORS WERE INSPECTED.
8. OBSERVE: OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM: PERFORM THESE TASKS FOR EACH ELEMENT.
9. INDICATED CONCRETE TESTING MEETS MINIMUM REQUIREMENTS FOR STRUCTURAL TESTING TO BE PROVIDED BY THE APPROVED QUALIFIED TESTING AND INSPECTING AGENCY. ADDITIONAL TESTING FOR CONSTRUCTION CONSIDERATIONS ARE NOT INDICATED AND SHALL BE DETERMINED BY THE CONTRACTOR AND PROVIDED AT CONTRACTOR'S EXPENSE.

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TULALIP TRIBES GATHERING HALL

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PHASE 2 - BUILDING AND LANDSCAPING

STATEMENT OF SPECIAL INSPECTIONS

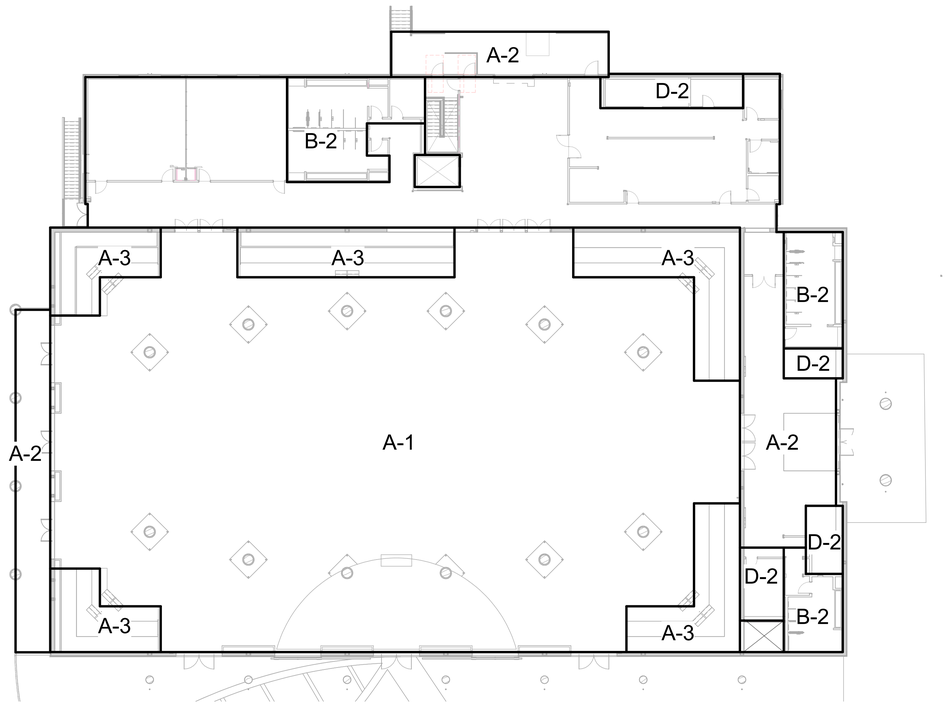
ISSUANCE

No.	Description	Date
	PHASE 1 BID SET	06/11/18
	PHASE 2 PERMIT SET	08/20/18
	PHASE 1 CONSTRUCTION SET	08/24/18
	PHASE 2 BID SET	10/08/18
	PHASE 2 CONSTRUCTION SET	03/13/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD:
DRAWN BY:

SHEET NO

S0.11

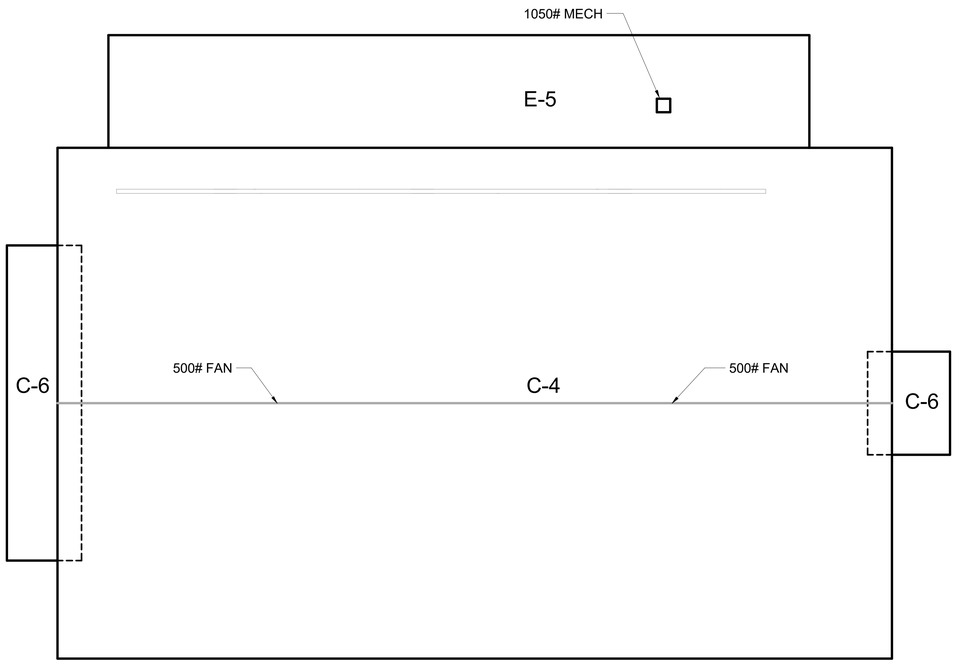


5 LOAD MAP - LEVEL 1
1/16" = 1'-0"

LIVE LOAD LEGEND			
MARK	USE	LOAD, PSF	NOTES
A	PUBLIC SPACES	100	
B	RESTROOMS	50 (R)	
C	SNOW	25	
D	LIGHT STORAGE	125	
E	MECHANICAL	50	3

SUPERIMPOSED DEAD LOAD LEGEND			
MARK	TYPE	LOAD, PSF	NOTES
1	GATHERING HALL	15	
2	PUBLIC SPACES	10	
3	RISERS	25	
4	PITCHED ROOF	30	5
5	ROOF	25	
6	CANOPIES	15	5

LOAD LEGEND NOTES:
1. A-1 INDICATES LIVE LOAD AND SUPERIMPOSED LOAD PER LEGENDS. LOADING OCCURS WITHIN REGIONS BOUND BY BOLD LINES.
   - SUPERIMPOSED DEAD LOAD
   - LIVE LOAD
2. (R) INDICATES REDUCIBLE LIVE LOAD IN ACCORDANCE WITH BUILDING CODE PROVISIONS.
3. WHERE EQUIPMENT WEIGHTS EXCEED 50 PSF, DESIGN LOAD IS ACTUAL EQUIPMENT WEIGHT INDICATED ON LOAD PLAN + 4" HOUSEKEEPING PAD + 25 PSF IN OPEN AREAS.
4. REFER TO TABLE 1607.1 IN THE IBC FOR RELEVANT CONCENTRATED LIVE LOADS.
5. SDL INCLUDES 5 PSF FOR PV PANELS.



13 LOAD MAP - ROOF
1/16" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

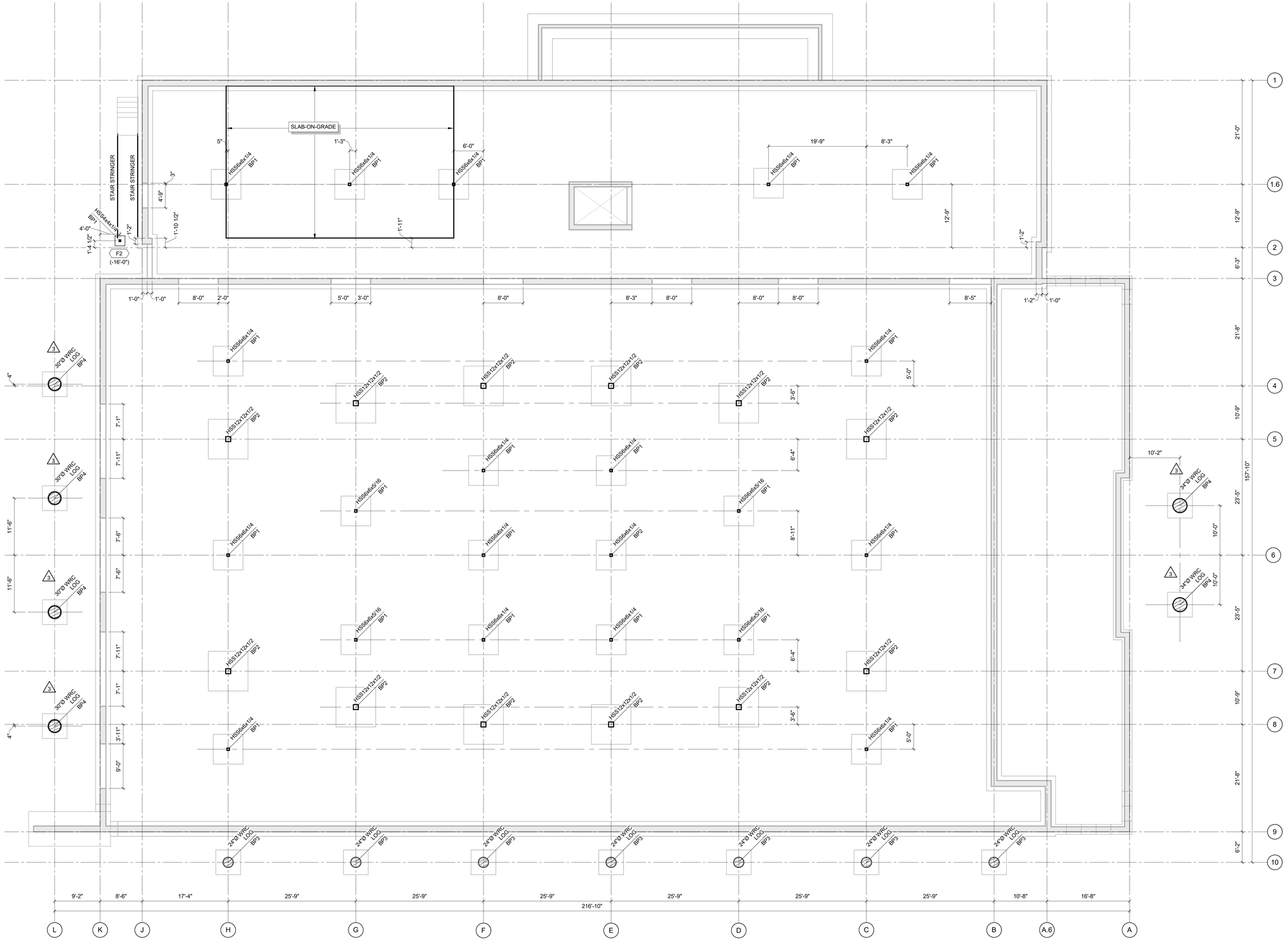
LOAD MAP PLANS

ISSUANCE

No.	Description	Date
	PERMIT SET	04/09/18
	PHASE 1 BID SET	06/11/18
	PHASE 2 PERMIT SET	08/20/18
	PHASE 1 CONSTRUCTION SET	08/24/18
	PHASE 2 BID SET	10/08/18
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

SHEET NO
S0.21



CONTRACTOR SHALL VERIFY ALL LEVELS, DIMENSIONS, AND EXISTING CONDITIONS IN THE FIELD BEFORE PROCEEDING. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR FIELD CHANGES PRIOR TO INSTALLATION OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS, THE CONTRACTOR SHALL OBTAIN DIRECTION FROM THE ARCHITECT BEFORE PROCEEDING.

GENERAL PLAN NOTES:

G1. REFERENCE DRAWINGS:
- S0.0X - STRUCTURAL NOTES, SYMBOLS AND ABBREVIATIONS
- S0.1X - SPECIAL INSPECTION SCHEDULE
- S0.21 - LOAD MAPS
- S4.0X - TYPICAL CONCRETE DETAILS
- S5.0X - TYPICAL STEEL DETAILS
- S6.0X - TYPICAL WOOD DETAILS

G2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.

FOUNDATION PLAN NOTES:

F1. TOP OF SLAB-ON-GRADE ELEVATIONS PER ARCHITECTURAL DRAWINGS.

F2. SLAB-ON-GRADE SHALL BE 6" THICK WITH #4 @ 15" OC EW, UNO. BASE FOR SLAB-ON-GRADE SHALL CONSIST OF VAPOR RETARDER OVER 6" COMPACTED GRAVEL FILL.

F3. COL SIZE / BP5 INDICATES COLUMN ABOVE AND BASE PLATE PER 9 / S5.01

PLAN NORTH

1 FOUNDATION PLAN - PHASE 2

1/8" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

FOUNDATION PLAN - PHASE 2

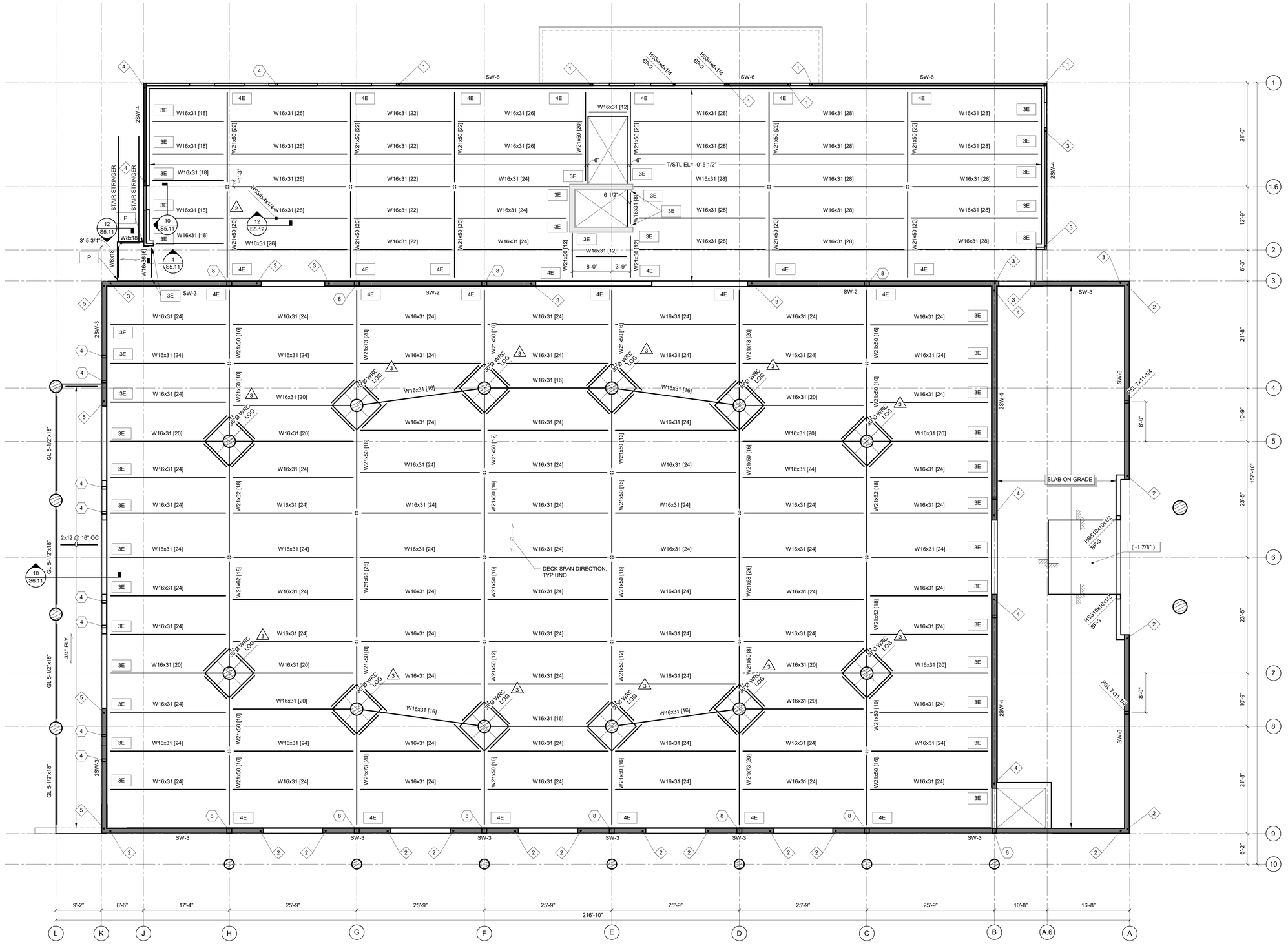
ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PHASE 2 CONSTRUCTION SET	03/13/19
3	PHASE 2 ASI 1	05/22/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

SHEET NO

S2.11B



CONTRACTOR SHALL VERIFY ALL LEVELS, DIMENSIONS, AND EXISTING CONDITIONS IN THE FIELD BEFORE PROCEEDING. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR FIELD CHANGES PRIOR TO INSTALLATION OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS, THE CONTRACTOR SHALL OBTAIN DIRECTION FROM THE ARCHITECT BEFORE PROCEEDING.

GENERAL PLAN NOTES:

G1. REFERENCE DRAWINGS:
- S0.0X - STRUCTURAL NOTES, SYMBOLS AND ABBREVIATIONS
- S0.1X - SPECIAL INSPECTION SCHEDULE
- S0.21 - LOAD MAPS
- S4.0X - TYPICAL CONCRETE DETAILS
- S5.0X - TYPICAL STEEL DETAILS
- S6.0X - TYPICAL WOOD DETAILS

G2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.

CONCRETE FRAMING PLAN NOTES:

C1. TOP OF SLAB-ON-GRADE SHALL BE 0'-0" THIS LEVEL, UNO.

C2. SLAB-ON-GRADE SHALL BE 6" THICK WITH #4 @ 15" OC EW, UNO. BASE FOR SLAB-ON-GRADE SHALL CONSIST OF VAPOR RETARDER OVER 6" COMPACTED GRAVEL FILL.

STEEL FRAMING PLAN NOTES:

S1. TOP OF STEEL SHALL BE -0'-6 3/4" THIS LEVEL, UNO.

S2. SLAB SHALL BE 2 1/2" CONCRETE OVER 3" - 20 GAUGE TYPE W COMPOSITE STEEL DECK, 5 1/2" TOTAL THICKNESS WITH #4 @ 12" OC EW.

S3. COL SIZE / BPS INDICATES COLUMN ABOVE AND BASE PLATE PER 9 / S5.01

WOOD FRAMING PLAN NOTES:

W1. SEE THE ARCHITECTURAL DRAWINGS FOR WALL TYPES AND FOR NON-BEARING WALL LOCATIONS

W2. 5 / 3 INDICATES HOLD-DOWN PER 12/S6.04. FIELD VERIFY EXISTING ANCHOR LOCATIONS.

W3. INDICATES NUMBER OF BUNDLED STUDS, MATCH WALL STUD SIZE.

W4. A INDICATES SIMPSON HARDWARE PER 4 / S6.01.

W5. SW-6 INDICATES WOOD SHEAR WALL ABOVE PER 7 / S6.01.

W6. TPS-2 / H1 INDICATES TOP PLATE SPLICE PER 11/6.01, UNO.

W7. INDICATES HEADER FRAMING PER 10/S6.01.

PLAN NORTH

1 MAIN LEVEL FRAMING PLAN - PHASE 2

1/8" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

MAIN LEVEL FRAMING PLAN - PHASE 2

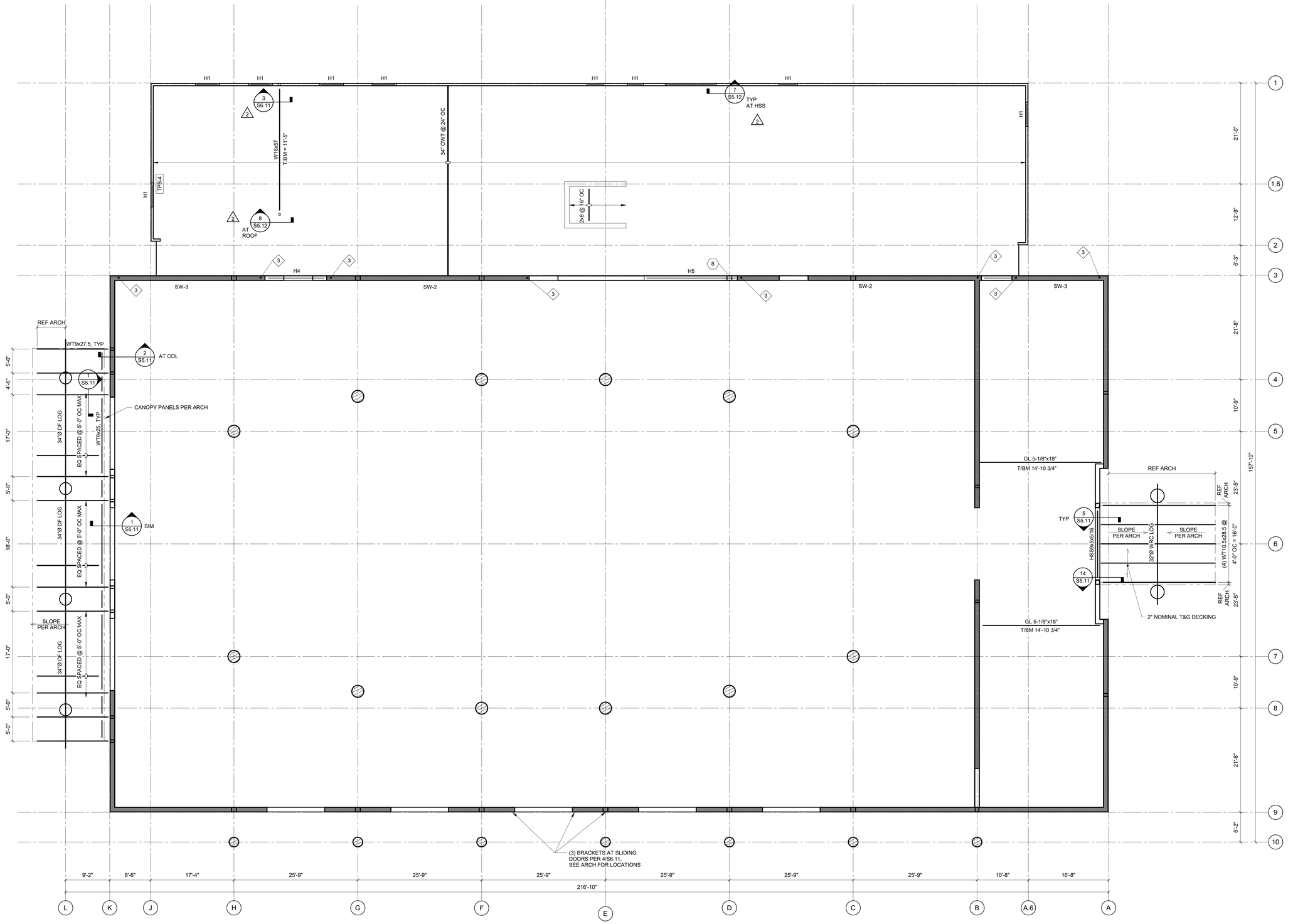
ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PHASE 2 CONSTRUCTION SET	03/13/19
2	PHASE 2 CCD #2	04/30/19
3	PHASE 2 ASI 1	05/22/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

SHEET NO

S2.12B



GENERAL PLAN NOTES:

G1. REFERENCE DRAWINGS:
- S0.0X - STRUCTURAL NOTES, SYMBOLS AND ABBREVIATIONS
- S0.1X - SPECIAL INSPECTION SCHEDULE
- S0.21 - LOAD MAPS
- S4.0X - TYPICAL CONCRETE DETAILS
- S5.0X - TYPICAL STEEL DETAILS
- S6.0X - TYPICAL WOOD DETAILS

G2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.

WOOD FRAMING PLAN NOTES:

W1. SEE THE ARCHITECTURAL DRAWINGS FOR WALL TYPES AND FOR NON-BEARING WALL LOCATIONS

W2. (5) INDICATES HOLD-DOWN PER 12/S6.04. FIELD VERIFY EXISTING ANCHOR LOCATIONS.

W3. (3) INDICATES NUMBER OF BUNDLED STUDS, MATCH WALL STUD SIZE.

W4. (A) INDICATES SIMPSON HARDWARE PER 4 / S6.01.

W5. SW-6 INDICATES WOOD SHEAR WALL ABOVE PER 7 / S6.01.

W6. TPS-2 INDICATES TOP PLATE SPLICE PER 11/6.01, UNO.

W7. H1 INDICATES HEADER FRAMING PER 10/S6.01.

PLAN NORTH

1 LOW ROOF FRAMING PLAN
1/8" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

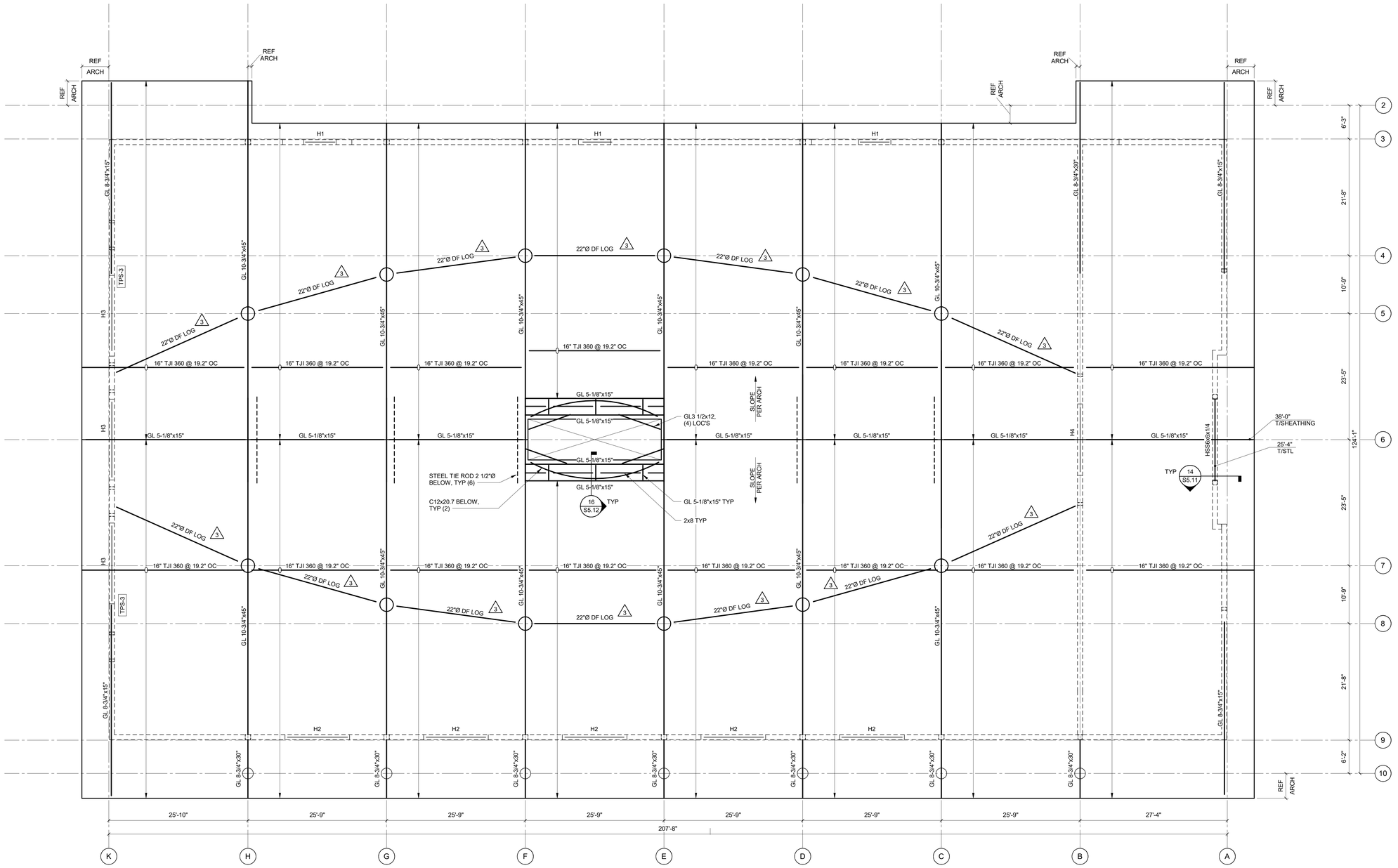
LOW ROOF FRAMING PLAN

ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	PHASE 2 CONSTRUCTION SET	03/13/19
2	PHASE 2 CCD #2	04/30/19
3	PHASE 2 ASI 1	05/22/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

SHEET NO
S2.13



GENERAL PLAN NOTES:

G1. REFERENCE DRAWINGS:
- S0.0X - STRUCTURAL NOTES, SYMBOLS AND ABBREVIATIONS
- S0.1X - SPECIAL INSPECTION SCHEDULE
- S0.21 - LOAD MAPS
- S4.0X - TYPICAL CONCRETE DETAILS
- S5.0X - TYPICAL STEEL DETAILS
- S6.0X - TYPICAL WOOD DETAILS

G2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.

WOOD ROOF FRAMING PLAN NOTES:

W1. TOP OF SHEATHING SHALL BE INDICATED ON AS PLAN.

W2. TPS-2 INDICATES TOP PLATE SPLICE PER 11/6.01, UNO.

W3. H1 INDICATES HEADER FRAMING PER 10/S6.01.

PLAN NORTH

1 ROOF FRAMING PLAN

1/8" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

ROOF FRAMING PLAN

ISSUANCE

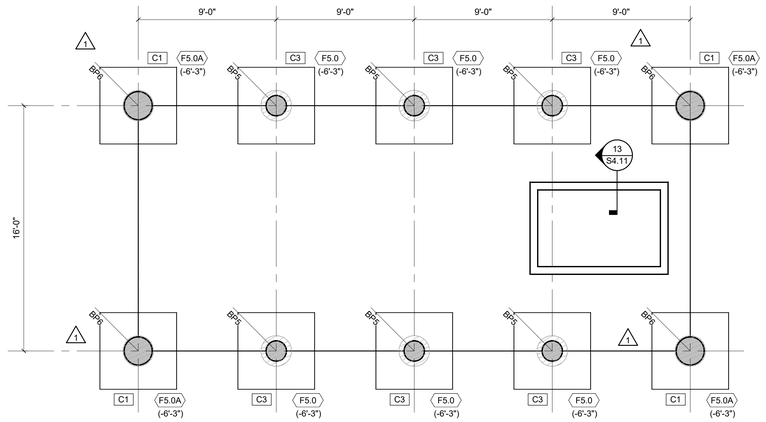
No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 6	12/14/18
	PHASE 2 CONSTRUCTION SET	03/13/19
3	PHASE 2 ASI 1	05/22/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION

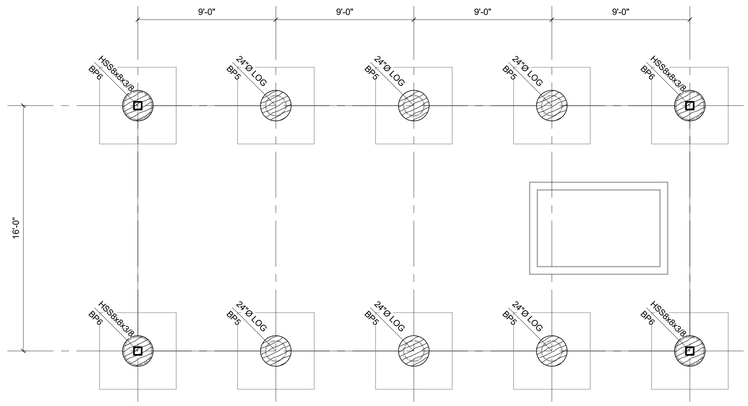
PROJECT NUMBER:	17031
PROJECT LEAD:	GMH
DRAWN BY:	BLE

SHEET NO

S2.14



1 FOUNDATION PLAN - PHASE 1
1/4" = 1'-0"



2 FOUNDATION PLAN - PHASE 2
1/4" = 1'-0"

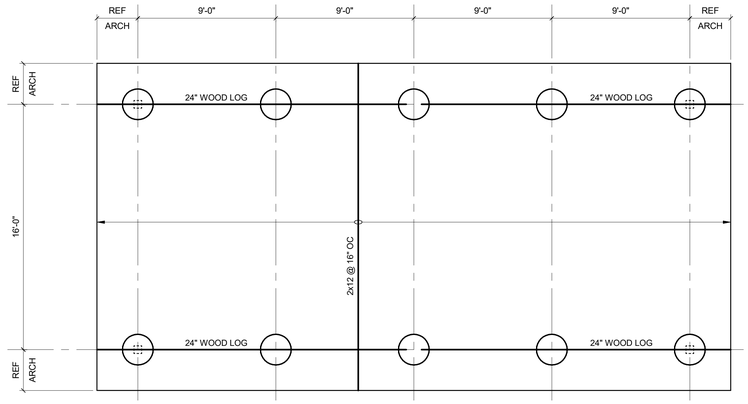
CONTRACTOR SHALL VERIFY ALL LEVELS, DIMENSIONS, AND EXISTING CONDITIONS IN THE FIELD BEFORE PROCEEDING. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR FIELD CHANGES PRIOR TO INSTALLATION OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS, THE CONTRACTOR SHALL OBTAIN DIRECTION FROM THE ARCHITECT BEFORE PROCEEDING.

GENERAL PLAN NOTES:
G1. REFERENCE DRAWINGS:
S0.0X - STRUCTURAL NOTES, SYMBOLS AND ABBREVIATIONS
S0.1X - SPECIAL INSPECTION SCHEDULE
S0.21 - LOAD MAPS
S4.0X - TYPICAL CONCRETE DETAILS
S5.0X - TYPICAL STEEL DETAILS
S6.0X - TYPICAL WOOD DETAILS
G2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.

FOUNDATION PLAN NOTES:
F1. TOP OF SLAB-ON-GRADE ELEVATION PER ARCHITECTURAL DRAWINGS.
F2. SLAB-ON-GRADE SHALL BE 6" THICK WITH #4 @ 15" OC EW, UNO. BASE FOR SLAB-ON-GRADE SHALL CONSIST OF VAPOR RETARDER OVER 6" COMPACTED GRAVEL FILL.
F3. FOOTINGS SHALL BEAR ON COMPETENT SOIL WITH DESIGN BEARING CAPACITY PER THE STRUCTURAL NOTES. UNCONTROLLED FILL BELOW FOOTINGS & SLABS SHALL BE REMOVED PER THE REFERENCED GEOTECHNICAL REPORT.
F4. F10.0 (99'-0") INDICATES SPREAD FOOTING TYPE AND BOTTOM OF FOOTING ELEVATION. SEE 6/S4.11.
F5. FW5 (99'-0") INDICATES CONTINUOUS FOOTING TYPE AND BOTTOM OF FOOTING ELEVATION. SEE 10/S4.11.
F6. C5 INDICATES CONCRETE PLINTH TYPE. SEE 7/S4.11.
F7 BPS INDICATES ANCHOR RODS FOR PHASE 2 COLUMN BASE PLATE. SEE 3/S4.11.

STEEL FRAMING PLAN NOTES:
S1. TOP OF STEEL SHALL BE -0'-6 3/4" THIS LEVEL, UNO.
S2. SLAB SHALL BE 2 1/2" CONCRETE OVER 3" - 20 GAUGE TYPE W COMPOSITE STEEL DECK, 5 1/2" TOTAL THICKNESS WITH #4 @ 12" OC EW.
S3. COL SIZE / BPS INDICATES COLUMN ABOVE AND BASE PLATE PER 9 / S5.01

WOOD ROOF FRAMING PLAN NOTES:
W1. TOP OF SHEATHING SHALL BE INDICATED ON AS PLAN.
W2. TPS-2 INDICATES TOP PLATE SPLICE PER 11/6.01, UNO.
W3. H1 INDICATES HEADER FRAMING PER 10/S6.01.



3 ROOF FRAMING PLAN
1/4" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

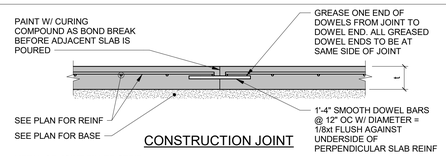
OUTDOOR COOKING PAVILION

ISSUANCE

No.	Description	Date
	PHASE 1 BID SET	06/11/18
	PHASE 2 PERMIT SET	08/20/18
	PHASE 1 CONSTRUCTION SET	08/24/18
1	PHASE 1 CCD #1	08/24/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PHASE 2 CONSTRUCTION SET	03/13/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: Designer
DRAWN BY: Author

SHEET NO
S2.21



NOTES:
1. REFER TO PLAN FOR SLAB THICKNESS AND REINFORCING.
2. CONTROL JOINTS TO BE SPACED @ 20"-0" OC MAX, EACH WAY, UNLESS NOTED OTHERWISE. RATIO OF DISTANCE BETWEEN CONTROL JOINTS IN EACH DIRECTION FOR A SLAB PANEL SHALL NOT EXCEED 1.5. CONSTRUCTION JOINTS PER THIS DETAIL SHALL BE CONSIDERED AS CONTROL JOINTS FOR CONTROL JOINT SPACING REQUIREMENTS.

4 TYPICAL SLAB-ON-GRADE CONTROL & CONSTRUCTION JOINT DETAILS

NO SCALE

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PHASE 2 - BUILDING AND LANDSCAPING

TYPICAL CONCRETE DETAILS - PHASE 2

ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	PHASE 2 CONSTRUCTION SET	03/13/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

SHEET NO

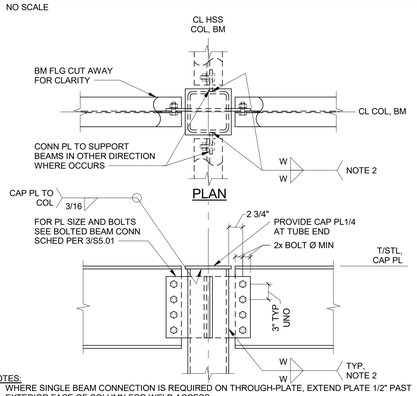
S4.02

CONNECTION NOTES:

1. ALL BOLTED CONNECTIONS TO BE TYPE N WITH FULLY PRETENSION ASTM A325-N BOLTS PER AISC STANDARDS EXCEPT WHERE "SNUG TIGHT" OR "SLIP CRITICAL" CONNECTIONS ARE INDICATED.
2. BOLTS IN BEAM TO BEAM CONNECTIONS MAY BE TIGHTENED TO AISC "SNUG TIGHT" CONDITION UPON APPROVAL OF ENGINEER AND OWNER.
3. CONNECTIONS TO HAVE AISC STANDARD ROUND HOLES EXCEPT AS NOTED OTHERWISE.
4. BEAM CONNECTIONS TO BE PER THE STANDARD BOLTED BEAM CONNECTION DETAIL UNLESS NOTED OTHERWISE.
5. [5] SHOWN ON PLANS INDICATES NUMBER OF BOLTS REQUIRED IF DIFFERENT FROM NUMBER OF BOLTS REQUIRED USING 3/S5.01
6. [5E] SHOWN ON PLANS INDICATES NUMBER OF BOLTS REQUIRED IN A DOUBLE ANGLE EMBEDDED PLATE CONNECTION. SEE 7/S5.01
7. [P] SHOWN ON PLANS INDICATES CONNECTION PER 11/S5.11
8. ALTERNATE CONNECTION DETAILS MAY BE SUBMITTED TO THE ENGINEER FOR REVIEW AND SHALL BE ACCOMPANIED BY CALCULATIONS BEARING THE SEAL AND SIGNATURE OF THE WASHINGTON STATE STRUCTURAL ENGINEER WHO IS RESPONSIBLE FOR THE DESIGN. ALTERNATE CONNECTIONS SHALL HAVE EQUAL OR GREATER CAPACITY THAN THE CONNECTIONS SHOWN ON THE DRAWINGS.
9. FOR MEMBERS DESIGNATED AS PART OF THE SFRS, WELD TABS SHALL BE REMOVED UPON COMPLETION AND COOLING OF THE WELD, AND THE ENDS OF THE WELD SHALL BE MADE SMOOTH AND FLUSH WITH THE EDGES OF ABUTTING PARTS.

1 TYPICAL CONNECTION NOTES

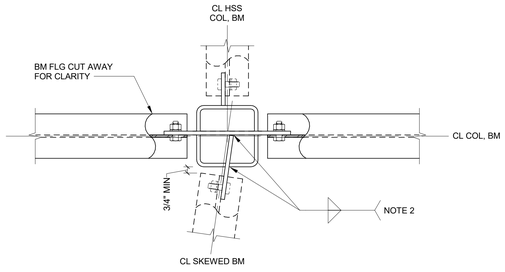
NO SCALE



NOTES:
1. WHERE SINGLE BEAM CONNECTION IS REQUIRED ON THROUGH-PLATE, EXTEND PLATE 1/2" PAST EXTERIOR FACE OF COLUMN FOR WELD ACCESS.
2. WELD SIZE "W" PER BOLTED BEAM SCHEDULE, SEE 3/S5.01.

2 TYPICAL ABBREVIATIONS

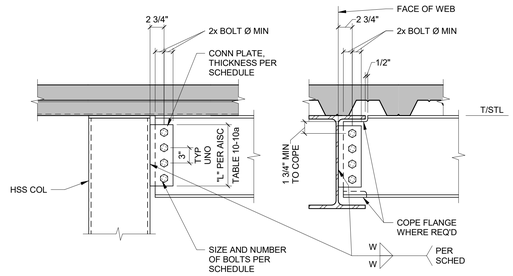
NO SCALE



NOTES:
1. SEE 5/S5.01 FOR ADDITIONAL INFORMATION.
2. WELD SIZE "W" PER BOLTED BEAM SCHEDULE, SEE 3/S5.01.
3. CAP PLATE NOT SHOWN FOR CLARITY.

3 TYPICAL STANDARD BOLTED BEAM CONNECTION

NO SCALE



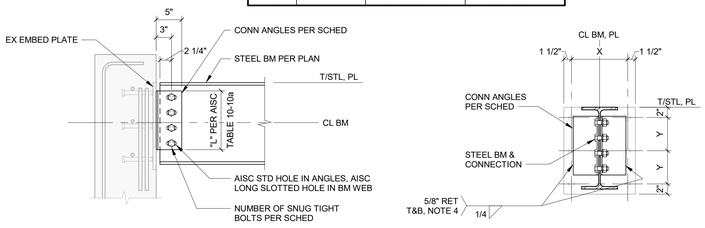
NOTES:
1. SHORT SLOTTED HOLES MAY BE USED AT ALL COLUMN CONNECTIONS AS AN OPTION.

STANDARD BOLTED CONNECTION SCHEDULE

BEAM SIZE	NUMBER AND SIZE OF BOLTS REQUIRED	MIN PLATE THICKNESS	WELD SIZE "W"
W6, C6, C7	(2) 3/4"Ø @ 2" GA	1/4"	3/16"
W8, C8, C9	(2) 3/4"Ø	1/4"	3/16"
W10, C10	(2) 3/4"Ø	1/4"	3/16"
W12, C12	(3) 3/4"Ø	1/4"	3/16"
W14, C15	(3) 3/4"Ø	1/4"	3/16"
W16	(4) 3/4"Ø	1/4"	3/16"
W18	(4) 3/4"Ø	5/16"	1/4"
W21	(5) 3/4"Ø	5/16"	1/4"
W24	(6) 3/4"Ø	5/16"	1/4"

EMBEDDED PLATE CONNECTION SCHEDULE

CONN TYPE (XE)	NUMBER OF BOLTS REQUIRED	PLATE SIZE	DOUBLE ANGLE SIZE
2E	2	PL5/8x10x0'-11"	L5x3-1/2x5/16
3E	3	PL5/8x11x1'-2	L5x3-1/2x5/16
4E	4	PL5/8x14x1'-5"	L5x3-1/2x5/16
5E	5	PL3/4x15x1'-8 1/2"	L5x3-1/2x5/16



5 THROUGH-PLATE TO HSS COLUMN TOP

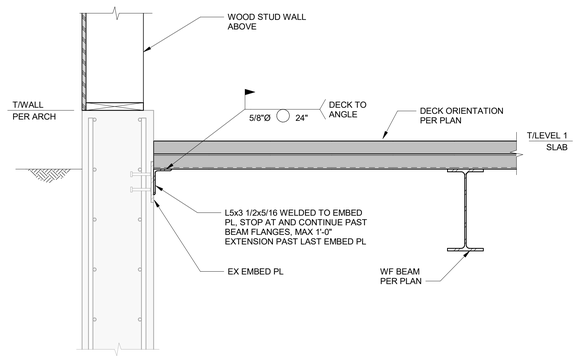
NO SCALE

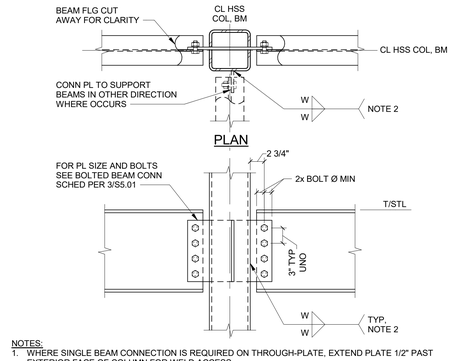
6 TYPICAL SKEWED BEAM TO HSS COLUMN

NO SCALE

7 TYPICAL EMBEDDED PLATE CONNECTION

NO SCALE





NOTES:
1. WHERE SINGLE BEAM CONNECTION IS REQUIRED ON THROUGH-PLATE, EXTEND PLATE 1/2" PAST EXTERIOR FACE OF COLUMN FOR WELD ACCESS.
2. WELD SIZE "W" PER BOLTED BEAM SCHEDULE. SEE 3/S5.01.

9 COLUMN BASE PLATE SCHEDULE

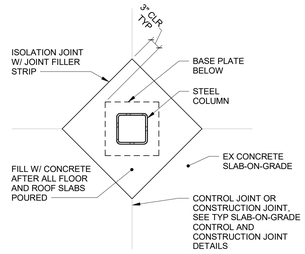
NO SCALE

COLUMN BASE PLATE SCHEDULE

TYPE MARK	REFERENCE DETAIL
BP-1	8/S5.11
BP-2	8/S5.11
BP-3	15/S5.11
BP-4	8/S6.11
BP-5	8/S6.11
BP-6	8/S5.11

10 TYPICAL ISOLATION JOINT DETAIL AT STEEL COLUMN

NO SCALE



11 DECK SUPPORT DETAIL

NO SCALE

12 THROUGH-PLATE TO HSS COLUMN

NO SCALE

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PHASE 2 - BUILDING AND LANDSCAPING

TYPICAL STEEL DETAILS

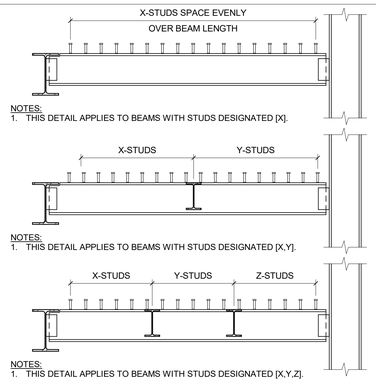
ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PHASE 2 CONSTRUCTION SET	03/13/19
2	PHASE 2 CCD #2	04/30/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

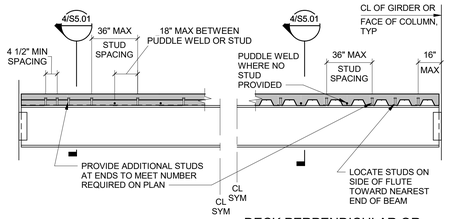
SHEET NO

S5.01



1 TYPICAL STUD SPACING

NO SCALE



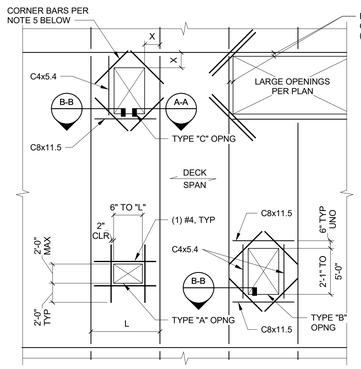
DECK PARALLEL TO BEAM

DECK PERPENDICULAR OR SKEWED TO BEAM

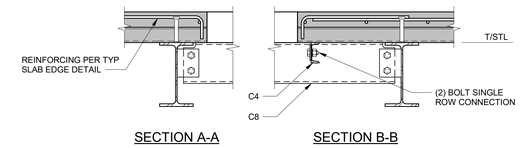
NOTES:
1. HEADED SHEAR STUDS TO BE 3/4"Ø x 4 1/2" LONG AFTER WELDING.
2. THE MINIMUM NUMBER OF STUDS REQUIRED IS SHOWN AS [X] ON FRAMING PLANS. NO STUDS ARE REQUIRED WHERE [0] APPEARS OR WHERE NO DESIGNATION IS GIVEN. ADDITIONAL STUDS MAY BE REQUIRED TO MEET THE ABOVE MAXIMUM SPACING REQUIREMENTS.
3. IF TWO STUDS ARE REQUIRED IN ONE FLUTE, THE TRANSVERSE SPACING SHALL BE 3" MINIMUM.

2 TYPICAL COMPOSITE BEAM DETAIL

NO SCALE



PLAN



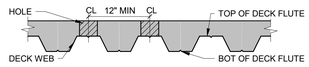
SECTION A-A

SECTION B-B

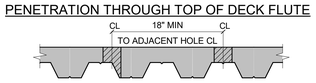
NOTES:
1. OPENINGS SMALLER THAN 6" DO NOT NEED REINFORCING.
2. OPENINGS BETWEEN 6" AND 2'-0", WITHOUT EDGE FRAMING, SHALL HAVE REINFORCING PER OPENING TYPE "A".
3. BARS PARALLEL TO DECK FLUTES TO BE IN NEAREST LOWER FLUTE, 3/4" CLEAR FROM BOTTOM. BARS PERPENDICULAR TO FLUTES TO BE 3/4" CLEAR ABOVE DECKING.
4. OPENINGS LARGER THAN 2'-0" WILL REQUIRE EDGE FRAMING PER OPENING TYPES "B" OR "C".
5. CORNER BARS TO BE PROVIDED AT ALL INSIDE CORNERS AS FOLLOWS:
   (1) #4x3'-0" FOR 6'-0" AND SMALLER OPENINGS
   (2) #4x4'-0" FOR OPENINGS LARGER THAN 6'-0".
6. BLOCK OUT UNSUPPORTED OPENINGS PRIOR TO PLACING CONCRETE. REMOVE BLOCKOUT AND CUT STEEL DECK AFTER CONCRETE HAS CURED FOR A MINIMUM OF SEVEN DAYS.
7. CONTRACTOR TO COORDINATE OPENING SIZE AND LOCATION WITH ARCHITECTURAL DRAWINGS AND MECHANICAL AND ELECTRICAL CONTRACTORS.
8. EDGE FRAMING FOR OPENINGS LARGER THAN 5'-0" TO BE AS SHOWN ON FRAMING PLANS.

5 TYPICAL SLAB OPENINGS

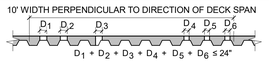
NO SCALE



PENETRATION THROUGH TOP OF DECK FLUTE



PENETRATION THROUGH DECK WEB AND/OR BOTTOM OF DECK FLUTE

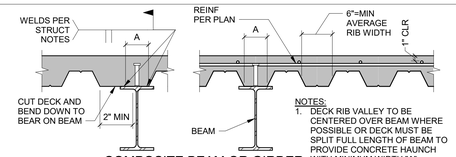


24" MAXIMUM TOTAL WIDTH OF PENETRATIONS IN 10' WIDTH

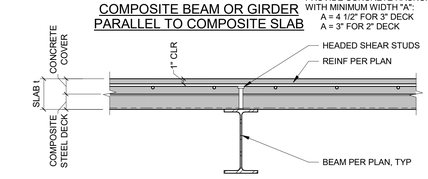
NOTES:
1. THIS DETAIL APPLIES TO ROUND HOLES ≤ 6"Ø CUT IN CONCRETE ON STEEL DECK WITHOUT ADDITIONAL SLAB REINFORCEMENT.
2. NO PENETRATION SHALL CUT THROUGH MORE THAN ONE DECK WEB.
3. WHERE PENETRATIONS ARE CUT AFTER CONCRETE IS PLACED, NO REBAR SHALL BE CUT.
4. STEEL DECK UNDER UNSUPPORTED HOLES AND/OR BLOCK-OUTS SHALL REMAIN IN PLACE UNTIL AFTER CONCRETE HAS REACHED DESIGN STRENGTH.

9 TYPICAL SLAB ON DECK PENETRATIONS

NO SCALE



COMPOSITE BEAM OR GIRDER PARALLEL TO COMPOSITE SLAB



COMPOSITE BEAM PERPENDICULAR TO COMPOSITE SLAB

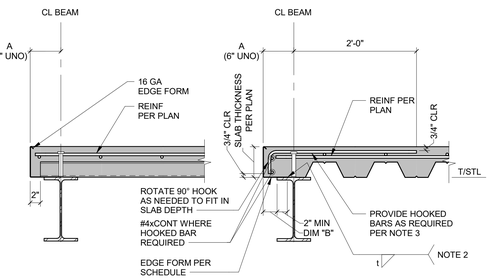
4 TYPICAL COMPOSITE BEAM TO COMPOSITE SLAB

NO SCALE

EDGE FORM THICKNESS "t" SCHEDULE

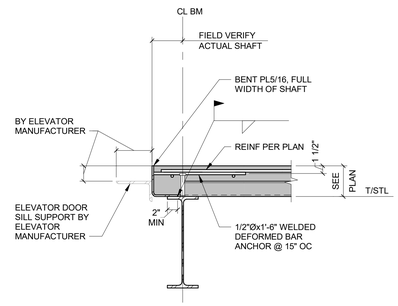
SLAB THICKNESS	SLAB OVERHANG "B"								
	≤ 2"	≤ 4"	≤ 6"	≤ 8"	≤ 10"	≤ 12"	≤ 14"	≤ 16"	≤ 18"
5 1/2"	18 GA	16 GA	14 GA	12 GA	10 GA	3/16"	1/4"	1/4"	5/16"

NOTES:
1. CONNECTION ONLY TO BE USED FOR SLAB OVERHANG "B" ≤ 1'-6".
2. WELD EDGE FORM AS FOLLOWS:
   18 GA & 16 GA MATERIAL = 1" @ 12"OC
   14 GA & 12 GA MATERIAL = 1" @ 8"OC
   10 GA & 3/16" MATERIAL = 2" @ 12"OC
   1/4" & 5/16" MATERIAL = 2" @ 10"OC
3. PROVIDE HOOKED BAR AS FOLLOWS:
   0'-8" < "B" ≤ 1'-0" (1) #4 x t @ 12"OC
   1'-0" < "B" ≤ 1'-6" (2) #4 x t @ 12"OC



7 TYPICAL SLAB EDGE AT INTERIOR OPENING

NO SCALE



12 SLAB EDGE AT ELEVATOR DOOR SILLS

NO SCALE

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PHASE 2 - BUILDING AND LANDSCAPING

TYPICAL STEEL DETAILS

ISSUANCE

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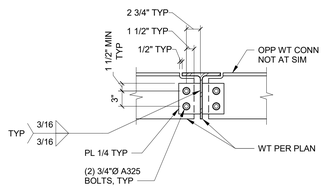
	PHASE 2 BID SET	10/08/18
	PHASE 2 CONSTRUCTION SET	03/13/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

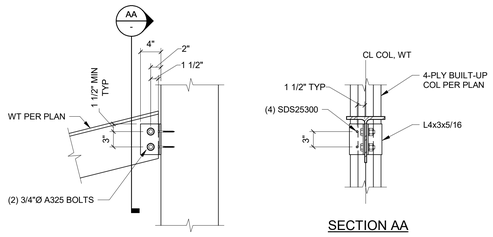
SHEET NO

S5.02



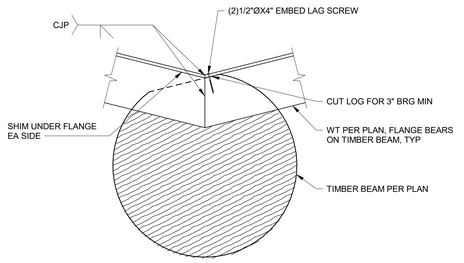
1 WT TO WT CONNECTION

1" = 1'-0"



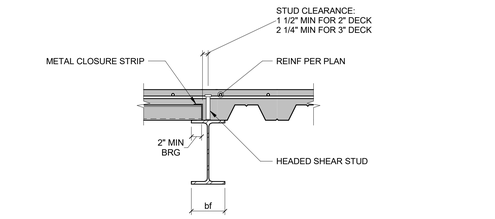
2 WT TO WOOD COLUMN CONNECTION

1" = 1'-0"



3 WT SPLICE DETAIL

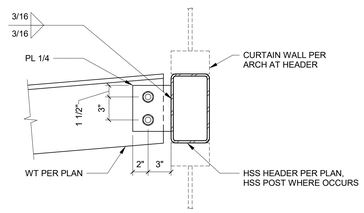
1" = 1'-0"



NOTES:
1. FOR CONTINUOUS METAL CLOSURE STRIPS, MINIMUM BEAM WIDTH bf = 7" FOR 2" DECK AND 8 1/2" FOR 3" DECK. FOR NARROWER BEAMS USE INDIVIDUAL CLOSURES AT EACH HIGH DECK FLUTE. 2" MINIMUM BEARING CONTROLS.

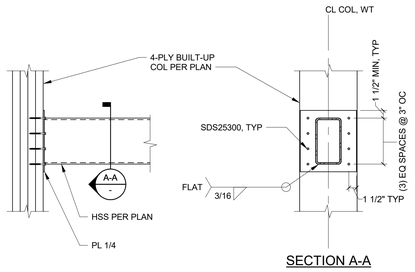
4 TYPICAL DECK DISCONTINUITY

NO SCALE



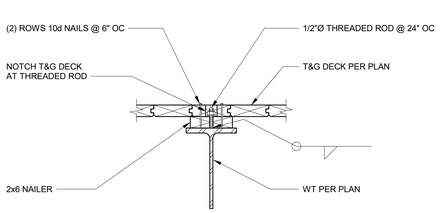
5 WT TO HSS CONNECTION

1 1/2" = 1'-0"



6 HSS TO WOOD COLUMN CONNECTION

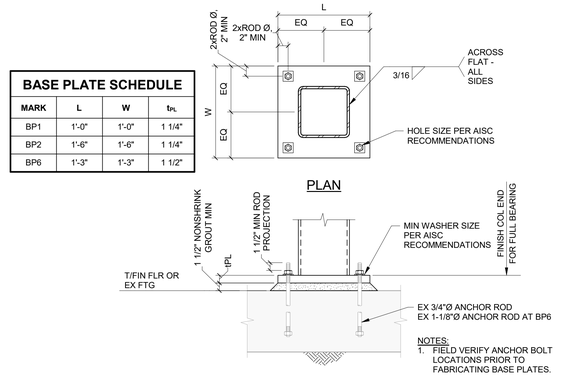
1" = 1'-0"



7 CANOPY T&G DECK CONNECTION

1 1/2" = 1'-0"

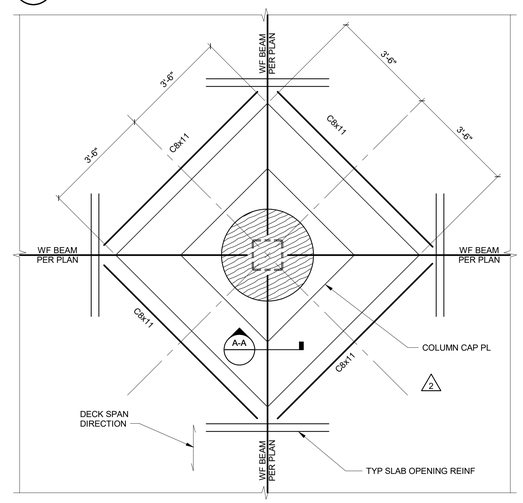
BASE PLATE SCHEDULE			
MARK	L	W	t_{PL}
BP1	1'-0"	1'-0"	1 1/4"
BP2	1'-6"	1'-6"	1 1/4"
BP6	1'-3"	1'-3"	1 1/2"



NOTES:
1. FIELD VERIFY ANCHOR BOLT LOCATIONS PRIOR TO FABRICATING BASE PLATES.

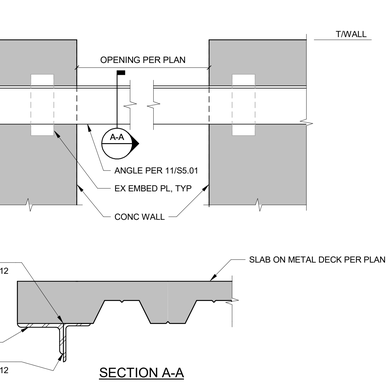
8 TYP STEEL COLUMN BASE DETAIL

NO SCALE



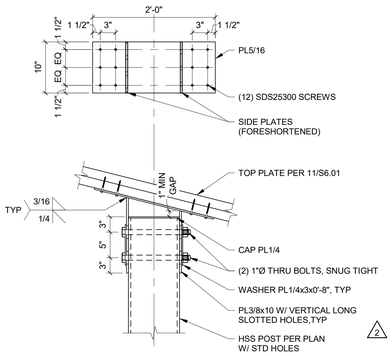
16 TYPICAL COLUMN BLOCKOUT

NO SCALE



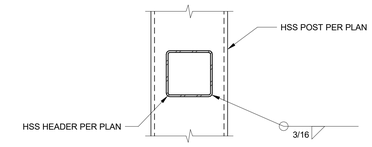
10 DECK SUPPORT ANGLE AT WALL OPENING

1 1/2" = 1'-0"



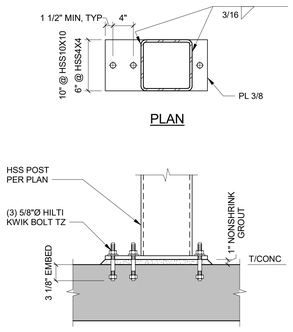
11 POST INSTALLED WF END CONN

1" = 1'-0"



12 WF BEAM OVER HSS POST

1 1/2" = 1'-0"



13 HSS POST CONN TO WOOD AT TOP

1" = 1'-0"

14 HSS HEADER CONN TO POST

1 1/2" = 1'-0"

15 HSS POST INSTALLED BASE CONN

1" = 1'-0"

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STEEL DETAILS

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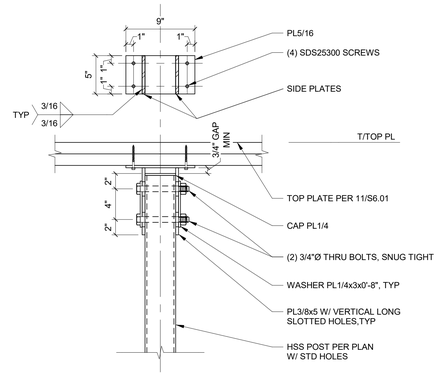
2	PHASE 2 CCD #2	04/30/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

SHEET NO

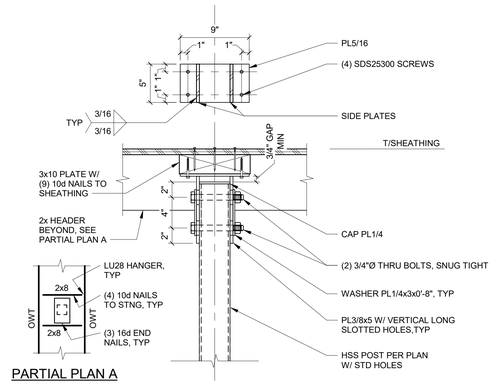
S5.11



2

7 TOP OF HSS POST TO WOOD CONN

1 1/2" = 1'-0"

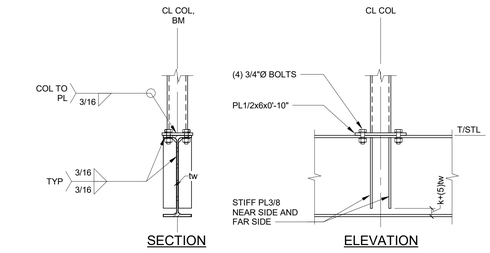


PARTIAL PLAN A

2

8 TOP OF HSS POST TO WOOD CONN

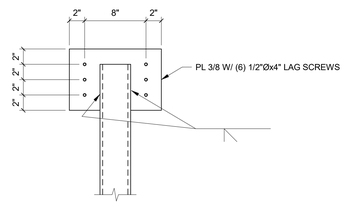
1 1/2" = 1'-0"



2

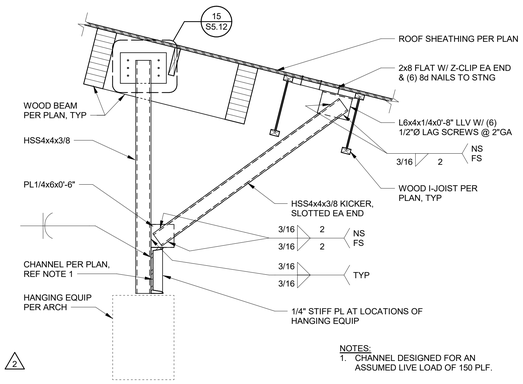
12 HSS POST BASE TO BEAM CONN

NO SCALE



15 TUBE HANGER CONNECTION DETAIL

1 1/2" = 1'-0"



NOTES:
1. CHANNEL DESIGNED FOR AN ASSUMED LIVE LOAD OF 150 PLF.

2

16 TUBE HANGER DETAIL

3/4" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

STEEL DETAILS

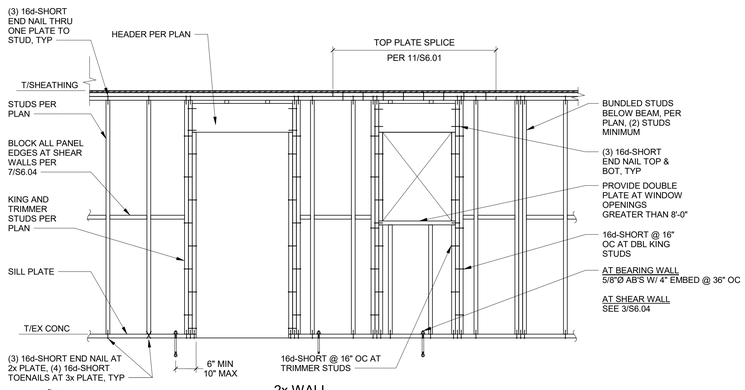
ISSUANCE

No.	Description	Date
	ADDENDUM 6	12/14/18
	PHASE 2 CONSTRUCTION SET	03/13/19
2	PHASE 2 CCD #2	04/30/19
5	PH 2 RECORD SET	06/02/20

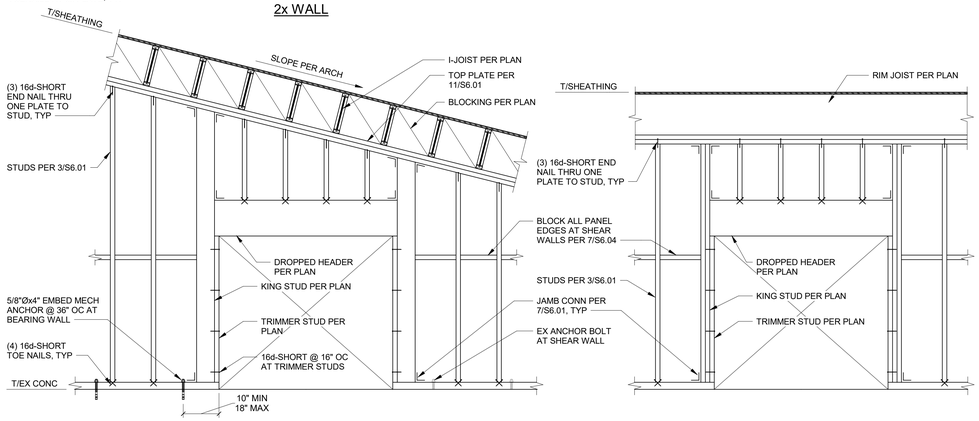
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: Designer
DRAWN BY: Author

SHEET NO

S5.12



2x WALL



FRAMING PERPENDICULAR

FRAMING PARALLEL

5 TYPICAL TALL WALL FRAMING ELEVATIONS

NO SCALE

WOOD HEADER SCHEDULE			
TYPE MARK	HEADER SIZE	TRIMMER STUDS/ QUANTITY	KING STUDS/ QUANTITY
H1	LSL 3-1/2x11-1/4	2	2
H2	(2) LSL 3-1/2x11-1/4	1	2
H3	(2) LSL3-1/2x16	2	PSL 7x11-1/4
H4	GL 8-3/4x16-1/2	1	2
H5	GL 8-3/4x21	3	2

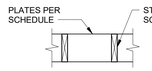
NOTES:
1. TRIMMER AND KING STUD SIZE AND GRADE TO MATCH WALL STUD SIZE AND GRADE, UNO.
2. PROVIDE COMPRESSION STUDS PER 12/S6.04 IN LIEU OF KING STUDS WHERE THEY ARE COINCIDENT PER PLAN.

10 TYPICAL WOOD HEADER SCHEDULE

NO SCALE

TYPICAL WOOD WALL STUD SCHEDULE			
MARK	WALL STUDS	BOTTOM PLATE SIZE	GRID LOCATION
W1	2x6 @ 16" OC	3x6	1, A.6, J
W2	1 1/2x11 1/4 LSL @ 24" OC	3x12	3, 9
W3	1 1/2x11 1/4 LSL @ 16" OC	3x12	A, B, K

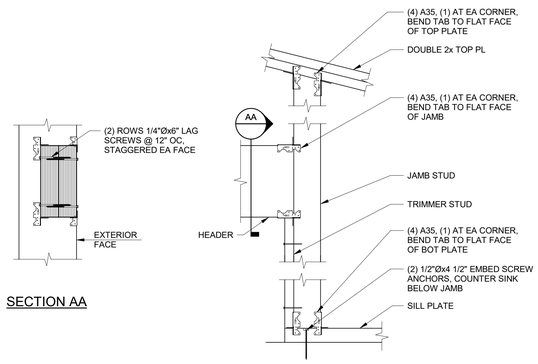
NOTES
1. INCREASE STUD SIZE TO 3x WHERE REQUIRED BY SHEAR WALL SCHEDULE PER 7 / S6.04.
2. CONTRACTOR'S OPTION TO USE (2) 2x STUDS IN LIEU OF 3x STUDS.
3. SILL PLATES TO BE 3x, UNO. TOP PLATES TO BE 2x UNO.
4. FRAMING NAILING NOT SHOWN SHALL BE AS INDICATED IN TABLE 2304.10.1.
5. SILL PLATES TO BE PRESSURE-TREATED WHERE IN CONTACT WITH CONCRETE.



SINGLE WALL

3 TYPICAL WOOD STUD WALL SCHEDULE

NO SCALE



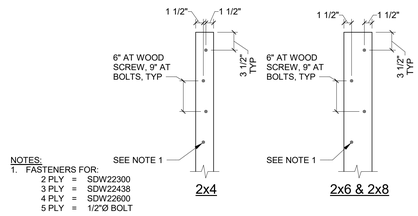
SECTION AA

HANGER SCHEDULE			
MEMBER SIZE	FACE MOUNT	TOP FLANGE	TOP FLANGE SKEWED
16" TJI 360	IUS2.37/16	ITS2.37/16	LBV2.37/16
LSL 1-3/4x11-7/8	HUS1.81/10	BA1.81/11.88 MAX NAILS	LBV1.81/11.88
LSL 3-1/2x11-7/8	HUS412	BA3.56/11.88 MAX NAILS	LBV3.56/11.88
GL 3-1/2x12	HU	HGLT	HGLT
GL 5-1/8x15	HUC5.125/13.5	HGLT5	HGLT5

HARDWARE SCHEDULE		
TYPE MARK	SIMPSON MODEL #	TYPE COMMENTS
A	CS16	(20) 10d AND 11" END LENGTHS
B	-	-
C	-	-
D	-	-

4 HANGER AND HARDWARE SCHEDULES

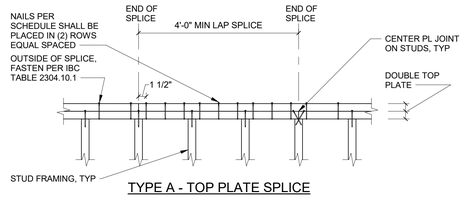
NO SCALE



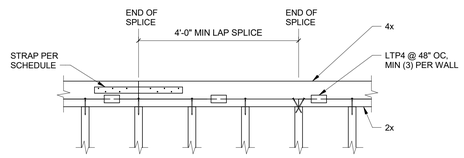
NOTES:
1. FASTENERS FOR:
   2 PLY = SDW22300
   3 PLY = SDW22438
   4 PLY = SDW22600
   5 PLY = 1/2"Ø BOLT

7 TYPICAL TALL WALL OPENING CONNECTIONS

NO SCALE



TYPE A - TOP PLATE SPLICE



TYPE B - TOP PLATE SPLICE

8 TYP BUILT-UP COLUMN FASTENING

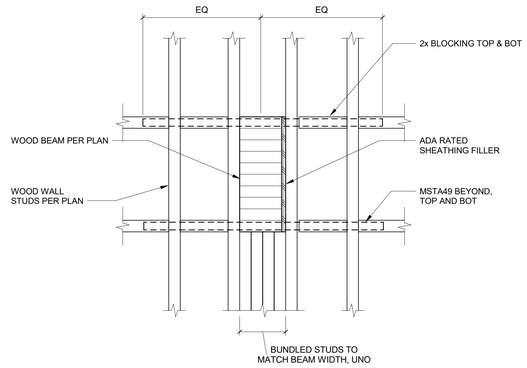
NO SCALE

SPLICE SCHEDULE			
TYPE MARK	CONNECTION	TYPE	IBC CAPACITY (LBS)
TPS-1	(12) 16d-SHORT	A	1862
TPS-2	(16) 16d-SHORT	A	2483
TPS-3	(32) 16d-SHORT	A	4966
TPS-4	MSTC40 EACH SIDE	B	9490
TPS-5	CMST14 EACH SIDE	B	12980

NOTES:
1. MINIMUM PLATE SPLICE IS TYPE TPS-1 FOR 2x PLATES.
2. PROVIDE CONTINUOUS TOP PLATES WITHOUT JOINTS WHERE WALLS ARE 12'-0" OR LESS IN LENGTH.
3. USE 10d NAILS WITH CMST STRAPS.
4. DOUBLE TOP PLATE 4x + 2x REQUIRED TO TPS-4 AND TPS-5.

11 TOP PLATE SPLICE SCHEDULE

NO SCALE



15 TYP BEAM BEARING MID-HEIGHT WALL

NO SCALE

16 NOT USED

NO SCALE

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PHASE 2 - BUILDING AND LANDSCAPING

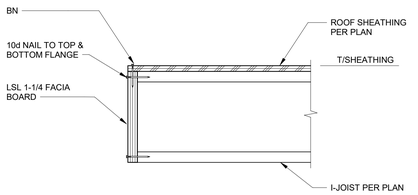
TYPICAL WOOD DETAILS

ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PHASE 2 CONSTRUCTION SET	03/13/19
5	PH 2 RECORD SET	06/02/20

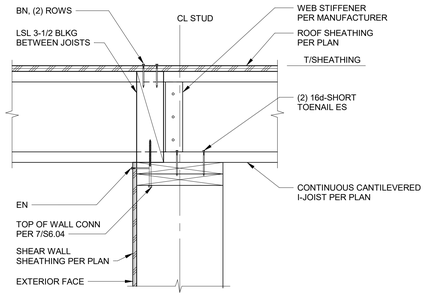
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: Designer
DRAWN BY: Author

SHEET NO
S6.01



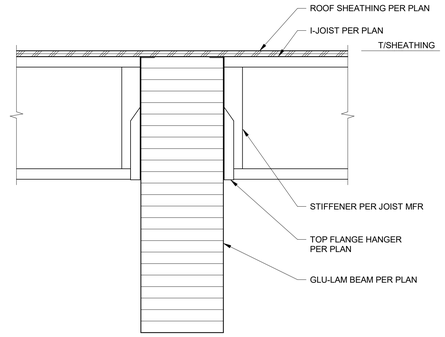
1 TYPICAL ROOF EAVE - FRAMING PERPENDICULAR

NO SCALE



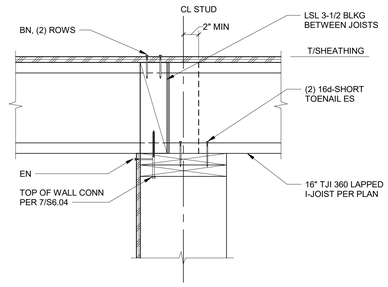
2 TYPICAL EXTERIOR WALL BELOW - FRAMING PERPENDICULAR

NO SCALE



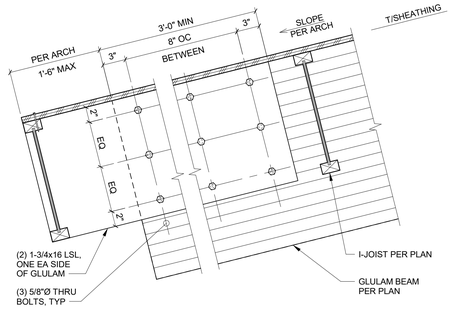
3 TYPICAL JOIST FRAMING AT GLULAM BEAM

NO SCALE



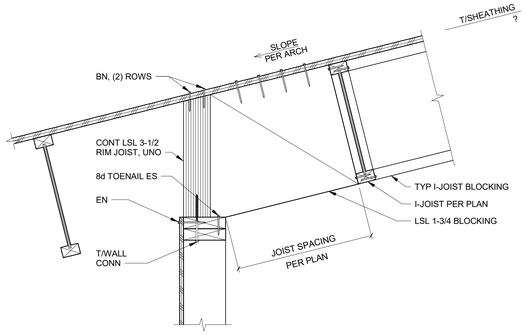
4 TYPICAL INTERIOR SHEAR WALL BELOW - FRAMING PERPENDICULAR

NO SCALE



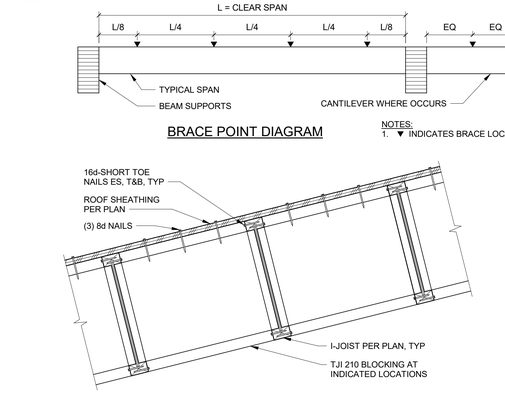
5 TYPICAL ROOF EAVE - FRAMING PARALLEL FRAMING PARALLEL

NO SCALE



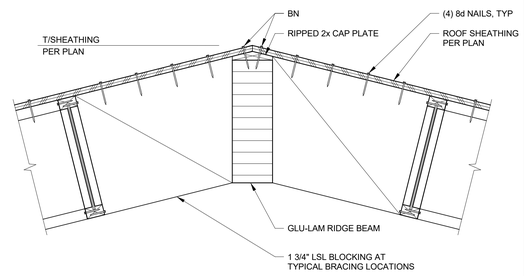
6 TYPICAL EXTERIOR SHEAR WALL BELOW - FRAMING PARALLEL

NO SCALE



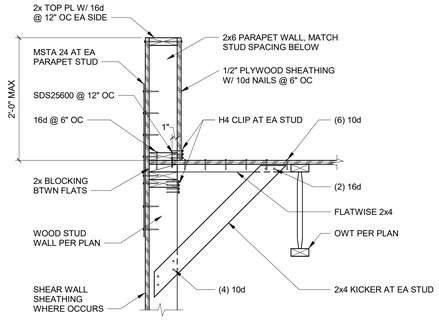
7 TYPICAL I-JOIST BRACING DETAIL

NO SCALE



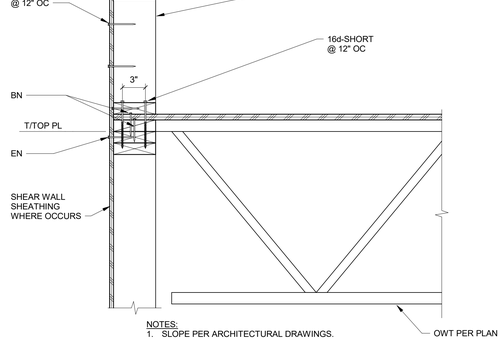
8 TYPICAL GLULAM RIDGE BEAM DETAIL

NO SCALE



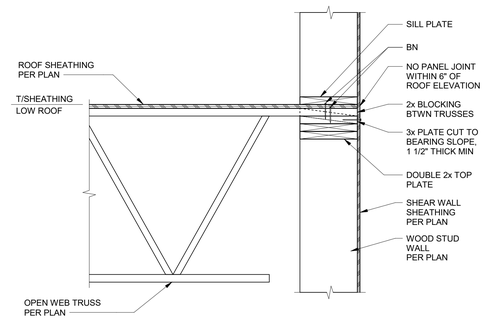
10 TYPICAL EXTERIOR WALL BELOW - OWT FRAMING PARALLEL

NO SCALE



11 TYPICAL EXTERIOR SHEAR WALL BELOW - OWT FRAMING PERPENDICULAR

NO SCALE



12 TYPICAL SHEAR WALL ABOVE & BELOW - OWT FRAMING PERPENDICULAR

1" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

TYPICAL WOOD DETAILS

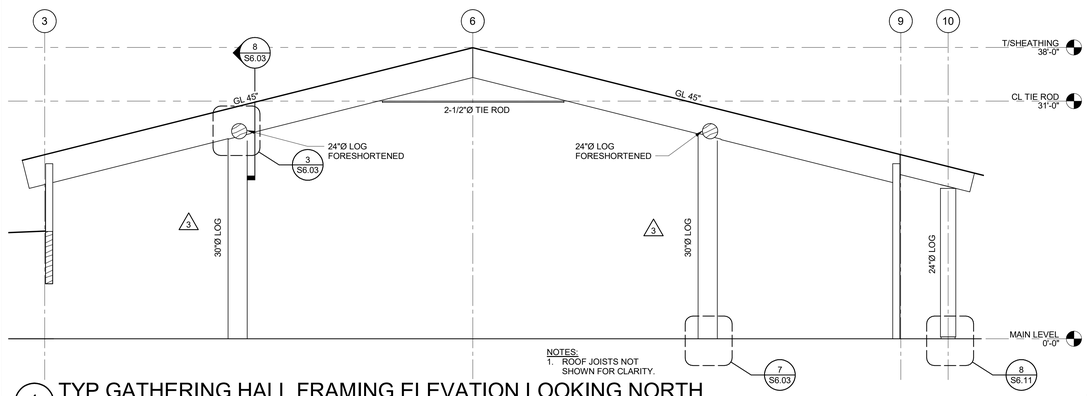
ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	PHASE 2 CONSTRUCTION SET	03/13/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

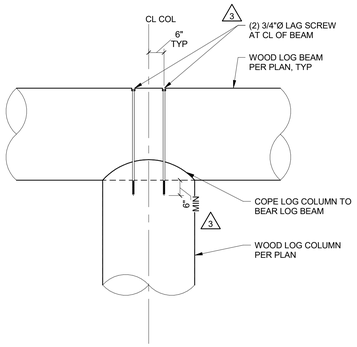
SHEET NO

S6.02



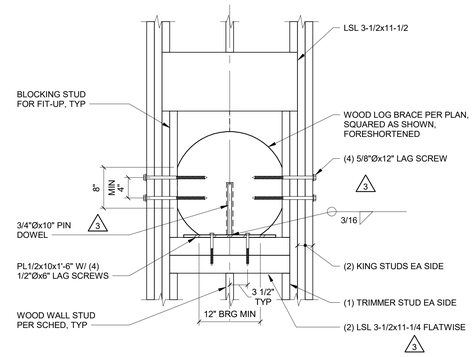
1 TYP GATHERING HALL FRAMING ELEVATION LOOKING NORTH

NO SCALE



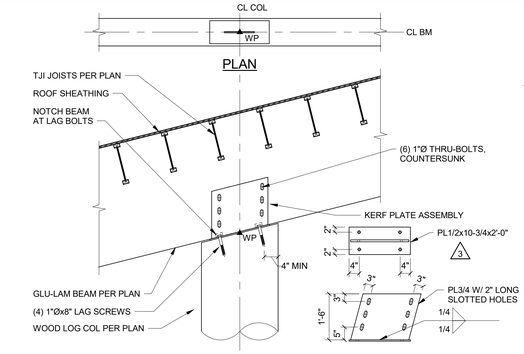
5 TYPICAL LOG BEAM TO LOG COLUMN CONNECTION

NO SCALE



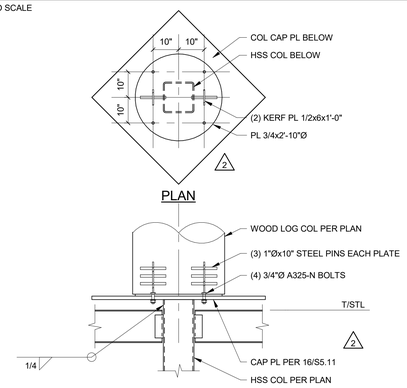
6 TYPICAL WOOD LOG BRACE TO WALL CONNECTION

NO SCALE



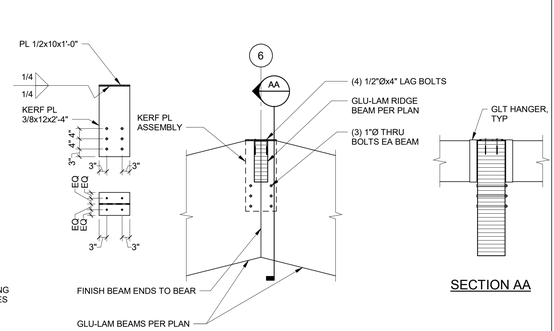
3 TYPICAL TOP OF WOOD LOG COLUMN AND GLU-LAM BEAM CONNECTION

NO SCALE



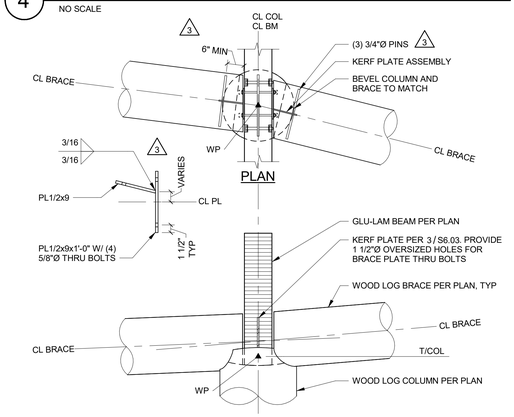
7 TYPICAL INTERIOR WOOD LOG COLUMN BASE CONNECTION DETAIL

NO SCALE



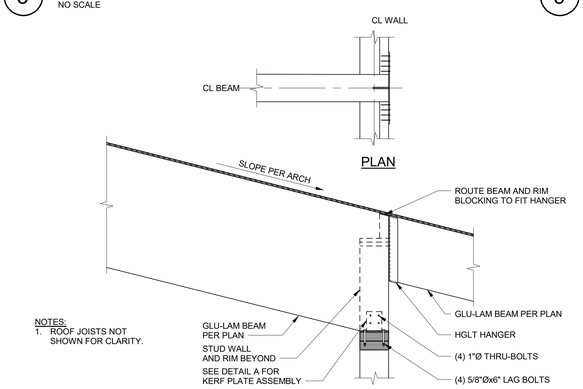
4 TYPICAL GLU-LAM RIDGE BEAM CONNECTION

NO SCALE



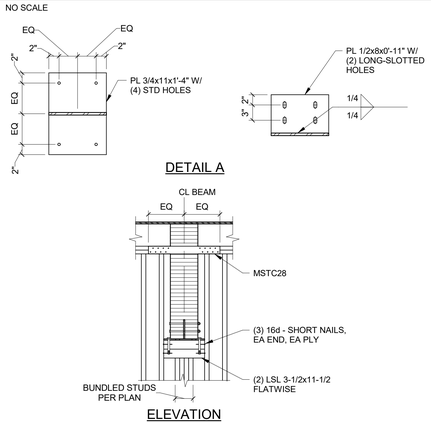
8 TYPICAL WOOD LOG BRACE CONNECTION

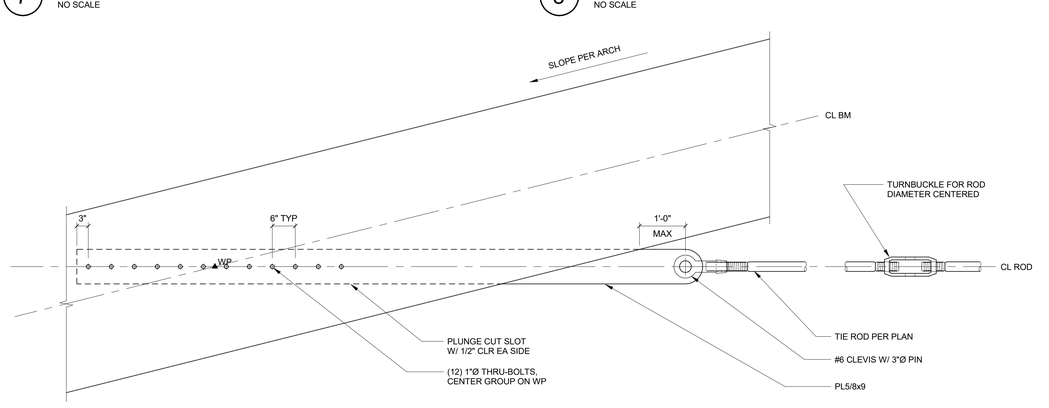
NO SCALE



9 GLU-LAM BEAM CONNECTION - GRID 9

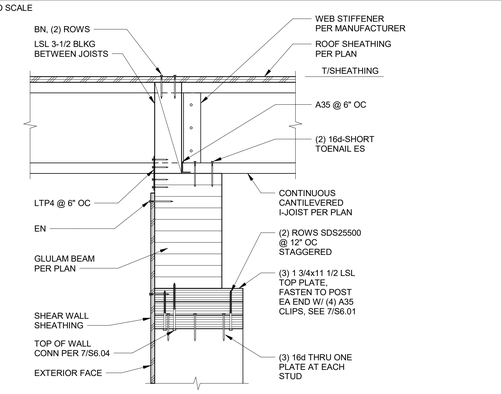
NO SCALE





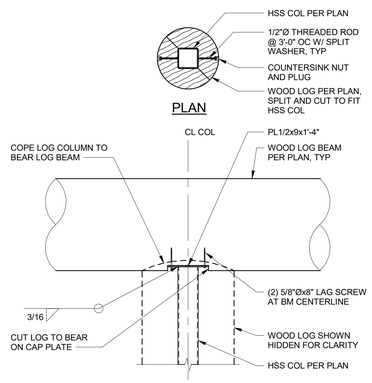
11 GLU-LAM TIE-ROD CONNECTION

NO SCALE



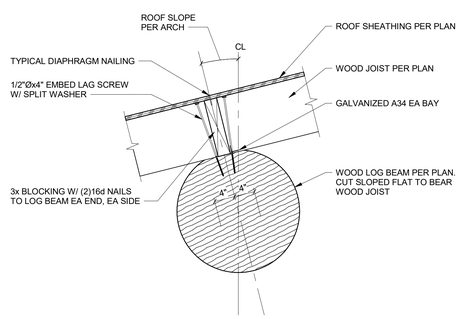
12 TYPICAL FRAMING OVER CANTILEVERED GLULAM BEAM

NO SCALE



13 TYPICAL LOG BEAM TO STEEL COL CONNECTION

NO SCALE



14 TYPICAL JOIST TO LOG BEAM CONNECTION

NO SCALE

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PHASE 2 - BUILDING AND LANDSCAPING

TYPICAL WOOD DETAILS

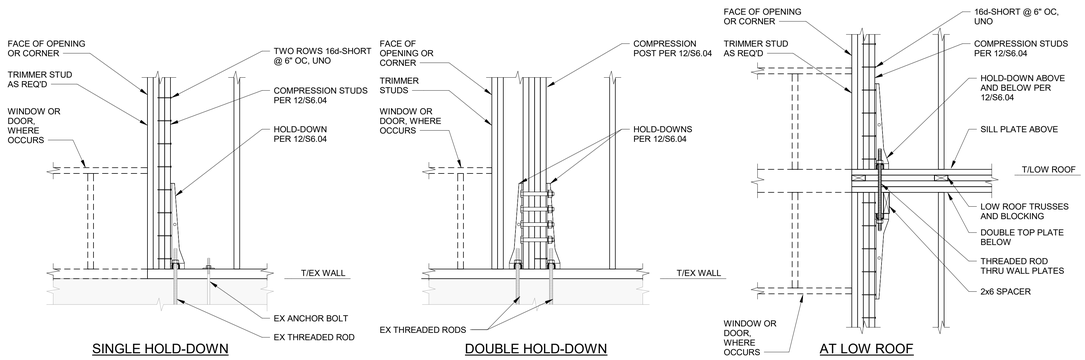
ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PHASE 2 CONSTRUCTION SET	03/13/19
2	PHASE 2 CCD #2	04/30/19
3	PHASE 2 ASI 1	05/22/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: Designer
DRAWN BY: Author

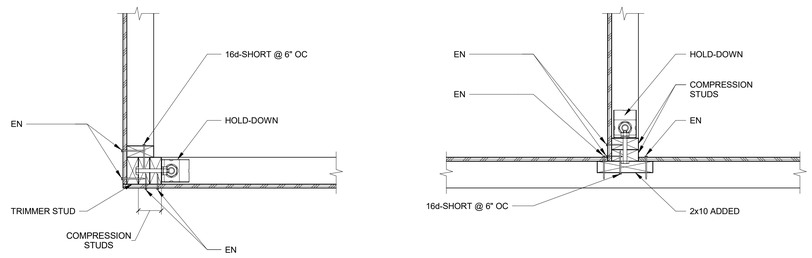
SHEET NO

S6.03



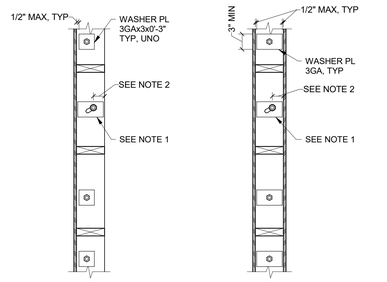
1 TYPICAL HOLD-DOWN DETAILS

NO SCALE



5 TYPICAL COMPRESSION STUD INTERSECTION

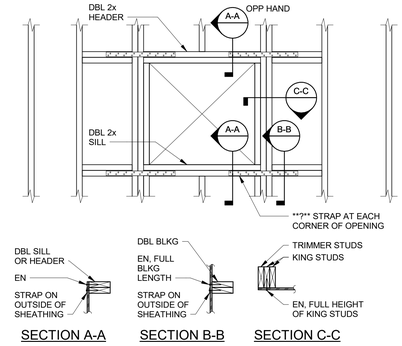
NO SCALE



NOTES:
1. WASHER PLATES LARGER THAN 3"x3" MAY BE DIAGONALLY SLOTTED WITH A WIDTH UP TO 3/16" LARGER THAN THE BOLT DIAMETER AND SLOT LENGTH NOT TO EXCEED 1-3/4". PROVIDED A STANDARD CUT WASHER IS PLACED BETWEEN THE WASHER PLATE AND THE NUT.
2. BOLTS WITH DISTANCES TO EDGE OF SILL PLATE LESS THAN 1" ARE CONSIDERED INEFFECTIVE. NOTIFY THE STRUCTURAL ENGINEER. A REPLACEMENT BOLT WILL BE REQUIRED.

9 TYPICAL SHEAR WALL WASHER PLATES

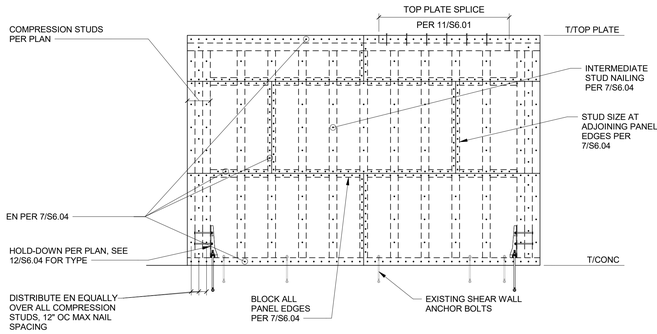
NO SCALE



NOTES
1. WALL SHEATHING NOT SHOWN FOR CLARITY.

10 STRAPS AROUND SHEAR WALL OPENINGS

NO SCALE



3 TYPICAL SHEAR WALL NAILING

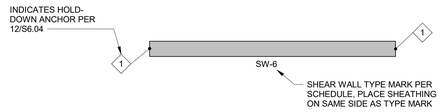
NO SCALE

WOOD SHEAR WALL SCHEDULE

ALL VALUES ARE BASED ON 2012 IBC AND SDPWS-08 FOR STRUCTURAL PANEL SHEAR WALL WITH FRAMING OF DOUGLAS FIR-LARCH

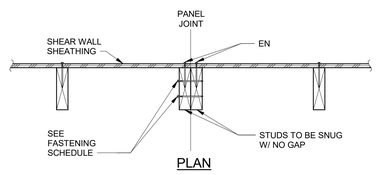
TYPE MARK	APA RATED SHEATHING THICKNESS	NUMBER OF SIDES OF SHEATHING	STUD OR BLOCKING SIZE AT ADJOINING PANEL EDGES, SEE NOTE 11	FASTENER SPACING AT WALL BOUNDARIES AND PANEL EDGES, SEE NOTE 9	FASTENER SPACING AT INTERMEDIATE STUDS, SEE NOTE 10	BOTTOM OF WALL CONNECTION AT WOOD FLOOR	TOP OF WALL CONNECTION	SEISMIC ALLOWABLE SHEAR (LBS/FT)
SW-6	19/32"	1	2x	6" OC	12" OC	16d @ 6" OC	LTP4 @ 24" OC	340
SW-3	19/32"	1	3x	3" OC	12" OC	16d @ 3" OC	LTP4 @ 12" OC	665
SW-2	19/32"	1	3x	2" OC	12" OC	(2) ROWS 16d @ 4" OC	LTP4 @ 8" OC	870
2SW-4	19/32"	2	3x	4" OC	12" OC	(2) ROWS 16d @ 4" OC	LTP4 @ 8" OC	1020
2SW-3	19/32"	2	3x	3" OC	12" OC	(2) ROWS 16d @ 3-1/2" OC	LTP4 @ 12" OC A34 @ 12" OC FAR SIDE	1330

NOTES:
1. SHEATHING NAIL SIZE SHALL BE 0.148"Ø WITH 1-1/2" MINIMUM PENETRATION INTO FRAMING.
2. REFERENCE STRUCTURAL NOTES FOR SHEATHING TYPE AND THICKNESS.
3. INSTALL SHEATHING PANELS EITHER HORIZONTALLY OR VERTICALLY.
4. PLATE WASHERS FOR SILL BOLTS SHALL BE PER 9/S6.04.
5. WHERE NAIL SPACING IS LESS THAN 4" OC, STAGGER EDGE NAILING 1/2".
6. REFER TO 3/S6.04 FOR SHEAR WALL NAILING DETAIL.
7. PRESSURE TREATED SILL PLATE SHALL BE 3x FRAMING.
8. REDUCE ANCHOR BOLT SPACING BY HALF WHERE SHEAR WALL IS WITHIN 12" OF A SLAB EDGE OR SHAFT OPENING.
9. WALL BOUNDARIES INCLUDE TOP PLATE, BOTTOM PLATE, SILL PLATE, AND COMPRESSION STUDS, UNO.
10. FASTENER SPACING AT INTERMEDIATE MEMBERS SHALL BE 6" OC WHERE STUD SPACING IS 24" OC.
11. AT CONTRACTOR'S OPTION, (2) 2x STUDS MAY BE USED IN LIEU OF 3x STUD FRAMING. SEE 11/S6.04 FOR DOUBLE STUD FASTENING.
12. WHERE SHEATHING IS APPLIED ON BOTH SIDES OF WALL, PANEL EDGE JOINTS SHALL BE STAGGERED SO THAT JOINTS ON THE OPPOSITE SIDES ARE NOT LOCATED ON THE SAME STUD.



7 WOOD SHEAR WALL SCHEDULE

NO SCALE



STUD FASTENING SCHEDULE AT PANEL JOINTS

SHEAR WALL TYPE	STUD FASTENING
SW6	(2) 16d-SHORT @ 12" OC
SW3	(2) 16d-SHORT @ 6" OC
SW2	(2) 16d-SHORT @ 4" OC
2SW4	(2) 16d-SHORT @ 4" OC
2SW3	(2) 16d-SHORT @ 3" OC

NOTES:
1. THIS DETAIL APPLIES WHERE DOUBLE 2x STUDS ARE USED AT SHEAR WALL PANEL JOINTS IN LIEU OF 3x FRAMING PER NOTE 11 ON 7/S6.04.

11 STUD FASTENING AT SHEAR WALL PANEL JNTS

NO SCALE

HOLD-DOWN SCHEDULE

TYPE MARK	HOLD-DOWN	THREADED ROD SIZE	COMPRESSION POST
1	HDU2-SDS2.5	5/8"Ø	(3) STUDS
2	HDU11-SDS2.5	1"Ø	(4) STUDS
3	HDU14-SDS2.5	1"Ø	(4) STUDS
4	(2) HD12	(2) 1"Ø	7x11 1/4 PSL
5	(2) HD19	(2) 1 1/4"Ø	7x11 1/4 PSL

NOTES:
1. WHERE COMPRESSION POST DOES NOT SPECIFY SIZE OR GRADE, MATCH WALL STUD SIZE AND GRADE.
2. THREADED ROD IS EXISTING, EMBEDDED IN EXISTING CONCRETE.

12 HOLD-DOWN SCHEDULE

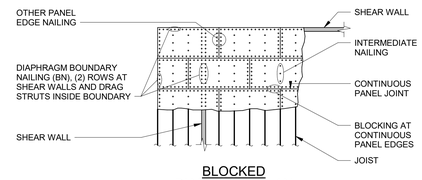
NO SCALE

ROOF DIAPHRAGM NAILING SCHEDULE

ALL VALUES ARE BASED ON 2015 IBC AND SDPWS-15 FOR STRUCTURAL PANEL DIAPHRAGMS WITH FRAMING OF DOUGLAS FIR-LARCH

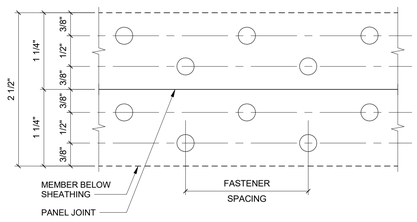
LOCATION	APA RATED SHEATHING THICKNESS	BLOCKING REQUIRED	NUMBER OF LINES OF FASTENERS	DIAPHRAGM BOUNDARIES AND CONTINUOUS PANEL EDGES, SEE NOTE 4		ALL OTHER PANEL EDGES		FASTENER SPACING AT INTERMEDIATE FRAMING MEMBERS	SEISMIC ALLOWABLE SHEAR (LBS/FT)
				FRAMING WIDTH	FASTENER SPACING	FRAMING WIDTH	FASTENER SPACING		
ROOF (1)	19/32"	YES	1	3x	4" OC	3x	6" OC	12" OC	480
ROOF (2)	19/32"	YES	1	3x	2-1/2" OC	3x	4" OC	12" OC	720
ROOF (3)	19/32"	YES	2	3x	2-1/2" OC	3x	3" OC	12" OC	1335

NOTES:
1. SHEATHING NAIL SIZE SHALL BE 0.148"Ø WITH 1-1/2" MINIMUM PENETRATION INTO FRAMING.
2. REFERENCE STRUCTURAL NOTES FOR SHEATHING TYPE AND THICKNESS.
3. ORIENT SHEATHING PERPENDICULAR TO FLOOR/ROOF FRAMING. STAGGER SHEATHING.
4. DIAPHRAGM BOUNDARIES INCLUDE DIAPHRAGM PERIMETER, SHEAR WALLS, AND DRAG STRUTS INDICATED ON PLAN.



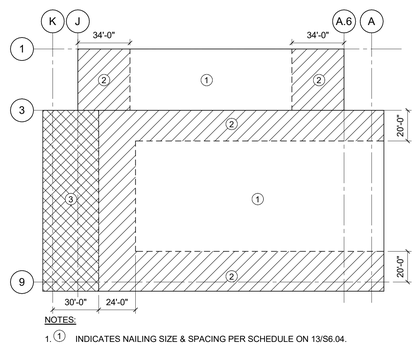
13 ROOF/FLOOR DIAPHRAGM NAILING SCHEDULE

NO SCALE



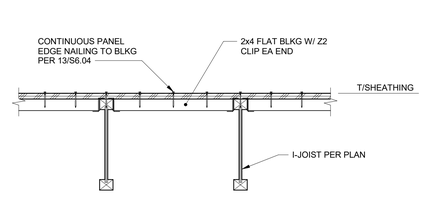
14 TYP PANEL EDGE FASTENER SPACING

NO SCALE



15 DIAPHRAGM NAILING KEY PLAN

NO SCALE



16 TYP DIAPHRAGM BLOCKING AT PANEL EDGES

NO SCALE

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Seattle, WA 98101
206.622.5822
www.kpff.com

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

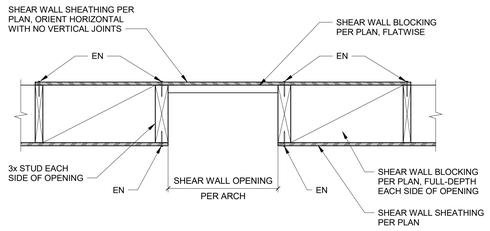
TYPICAL WOOD DETAILS

ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	PHASE 2 CONSTRUCTION SET	03/13/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: GMH
DRAWN BY: BLE

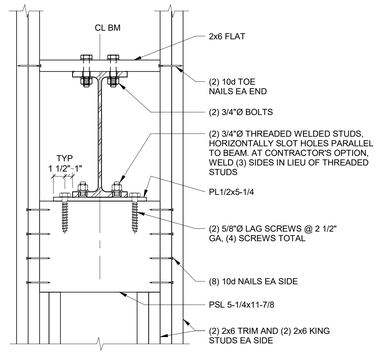
SHEET NO
S6.04



4

2 SHEAR WALL OPENING DETAIL

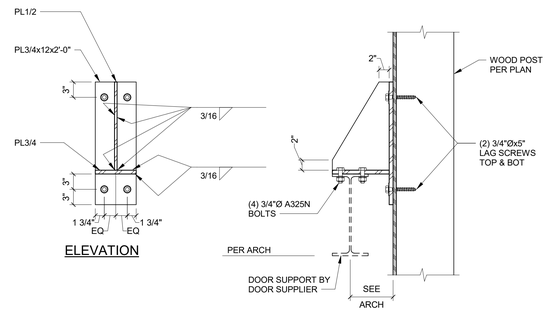
1" = 1'-0"



2

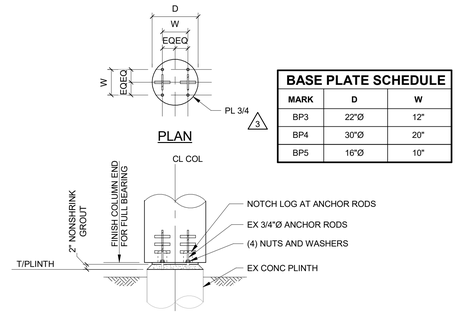
3 STEEL BM TO WOOD WALL CONN

1 1/2" = 1'-0"



4 SLIDING DOOR SUPPORT BRACKET

1" = 1'-0"

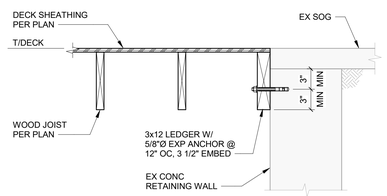


BASE PLATE SCHEDULE

MARK	D	W
BP3	22"Ø	12"
BP4	30"Ø	20"
BP5	16"Ø	10"

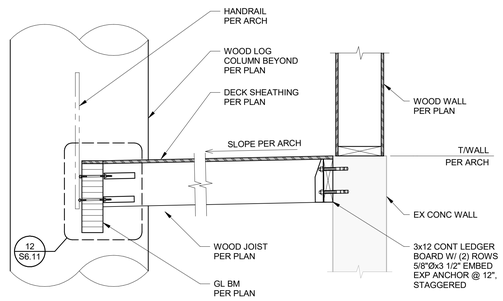
8 TYPICAL EXTERIOR WOOD LOG COLUMN BASE CONNECTION DETAIL

1/2" = 1'-0"



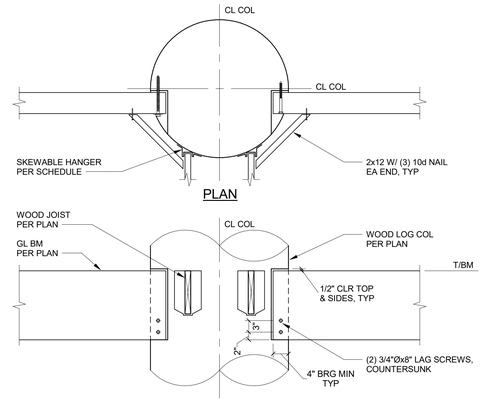
9 WOOD DECK CONN AT RETAINING WALL

1" = 1'-0"



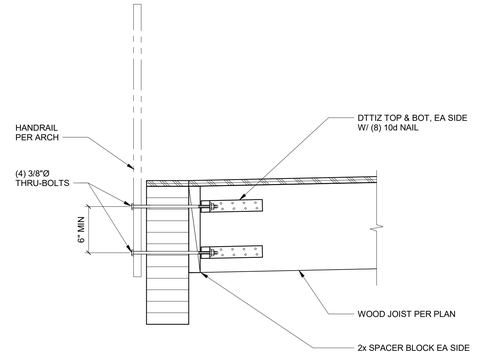
10 WOOD DECK SECTION

3/4" = 1'-0"



11 WOOD DECK COLUMN CONNECTIONS

3/4" = 1'-0"



12 WOOD DECK HANDRAIL CONNECTION

1 1/2" = 1'-0"

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TULALIP TRIBES GATHERING HALL

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TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

WOOD DETAILS

ISSUANCE

No.	Description	Date
	PHASE 2 PERMIT SET	08/20/18
	PHASE 2 BID SET	10/08/18
	PHASE 2 CONSTRUCTION SET	03/13/19
2	PHASE 2 CCD #2	04/30/19
3	PHASE 2 ASI 1	05/22/19
4	PHASE 2 CCD #5	08/22/19
5	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: Designer
DRAWN BY: Author

SHEET NO

S6.11

Exhibit J.2.2. Interval Data

usage_hour_end_time_local	kWh	kVAR	kVA	kW
2025-04-03 01:00:00	0	0	0	0
2025-04-03 02:00:00	0	0	0	0
2025-04-03 03:00:00	0	0	0	0
2025-04-03 04:00:00	0	0	0	0
2025-04-03 05:00:00	0	0	0	0
2025-04-03 06:00:00	0	0	0	0
2025-04-03 07:00:00	0	0	0	0
2025-04-03 08:00:00	0	0	0	0
2025-04-03 09:00:00	0	0	0	0
2025-04-03 10:00:00	26.32	0.24	26.3211	88.32
2025-04-03 11:00:00	86	0.64	86.0024	92.8
2025-04-03 12:00:00	76.8	0.56	76.802	82.88
2025-04-03 13:00:00	60.24	1.04	60.249	66.24
2025-04-03 14:00:00	50.8	0.4	50.8016	61.44
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2025-04-03 17:00:00	38.24	0.16	38.2403	42.56
2025-04-03 18:00:00	38.64	0.08	38.6401	43.52
2025-04-03 19:00:00	48.08	0	48.08	54.08
2025-04-03 20:00:00	60.48	0	60.48	66.24
2025-04-03 21:00:00	77.92	0	77.92	85.44
2025-04-03 22:00:00	82.48	0	82.48	94.08
2025-04-03 23:00:00	90.64	0	90.64	96.96
2025-04-04 00:00:00	90.56	0	90.56	93.44
2025-04-04 01:00:00	102.48	0.56	102.482	111.36
2025-04-04 02:00:00	95.68	0.8	95.6833	102.72
2025-04-04 03:00:00	94.48	0.88	94.4841	98.24
2025-04-04 04:00:00	100.24	0.88	100.244	113.92
2025-04-04 05:00:00	100.72	1.2	100.727	107.84
2025-04-04 06:00:00	98.4	1.44	98.4105	110.4
2025-04-04 07:00:00	96.88	1.52	96.8919	101.76
2025-04-04 08:00:00	98.16	1.2	98.1673	102.08
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2025-04-04 10:00:00	88.16	0.08	88.16	96.64
2025-04-04 11:00:00	75.84	0.56	75.8421	80.32
2025-04-04 12:00:00	79.76	0.32	79.7606	93.44
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2025-04-04 14:00:00	51.12	0.72	51.1251	67.2
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2025-04-04 17:00:00	31.36	0.4	31.3626	35.2
2025-04-04 18:00:00	31.84	0	31.84	37.12
2025-04-04 19:00:00	35.12	0	35.12	42.24
2025-04-04 20:00:00	46.16	0.16	46.1603	68.8
2025-04-04 21:00:00	79.44	0	79.44	87.04
2025-04-04 22:00:00	76.64	0.08	76.64	82.56
2025-04-04 23:00:00	86.24	0	86.24	92.48
2025-04-05 00:00:00	91.6	0	91.6	94.4
2025-04-05 01:00:00	91.68	0	91.68	98.88
2025-04-05 02:00:00	94.16	0.48	94.1612	106.56
2025-04-05 03:00:00	88.32	1.2	88.3282	92.48
2025-04-05 04:00:00	98.16	1.2	98.1673	107.2
2025-04-05 05:00:00	97.6	1.36	97.6095	112.64
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2025-04-05 07:00:00	88.24	1.52	88.2531	95.04
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2025-04-05 13:00:00	35.52	0.8	35.529	39.68
2025-04-05 14:00:00	32.16	0.56	32.1649	34.56
2025-04-05 15:00:00	20.96	0.24	20.9614	30.72
2025-04-05 16:00:00	16.8	0.08	16.8002	19.84
2025-04-05 17:00:00	21.12	0.32	21.1224	25.92
2025-04-05 18:00:00	25.44	0.16	25.4405	29.76
2025-04-05 19:00:00	30.4	0.16	30.4004	36.16
2025-04-05 20:00:00	28.72	0	28.72	32
2025-04-05 21:00:00	37.36	0	37.36	39.68
2025-04-05 22:00:00	64.64	0.08	64.6401	69.12
2025-04-05 23:00:00	60.64	0	60.64	66.88
2025-04-06 00:00:00	64	0.08	64.0001	67.84

2025-04-06 01:00:00	57.44	0.08	57.4401	62.72
2025-04-06 02:00:00	35.2	0	35.2	39.68
2025-04-06 03:00:00	34.08	0	34.08	37.44
2025-04-06 04:00:00	39.68	0	39.68	46.72
2025-04-06 05:00:00	41.68	0	41.68	53.12
2025-04-06 06:00:00	40.48	0.08	40.4801	53.44
2025-04-06 07:00:00	39.36	1.2	39.3783	46.08
2025-04-06 08:00:00	40.48	1.04	40.4934	50.24
2025-04-06 09:00:00	35.44	0.8	35.449	42.56
2025-04-06 10:00:00	34.88	0.16	34.8804	41.28
2025-04-06 11:00:00	30.64	0	30.64	32.64
2025-04-06 12:00:00	30	0	30	36.8
2025-04-06 13:00:00	31.04	0.48	31.0437	39.68
2025-04-06 14:00:00	30.96	0.48	30.9637	34.24
2025-04-06 15:00:00	31.92	0	31.92	35.84
2025-04-06 16:00:00	35.2	0.08	35.2001	48.32
2025-04-06 17:00:00	35.04	1.2	35.0605	40.96
2025-04-06 18:00:00	33.68	0.64	33.6861	39.68
2025-04-06 19:00:00	31.36	0	31.36	37.12
2025-04-06 20:00:00	34.08	0.08	34.0801	38.72
2025-04-06 21:00:00	38.56	0	38.56	45.12
2025-04-06 22:00:00	38.88	0.64	38.8853	44.8
2025-04-06 23:00:00	38.24	0.56	38.2441	44.8
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2025-04-07 01:00:00	43.52	0.96	43.5306	54.08
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2025-04-07 03:00:00	87.76	1.36	87.7705	92.16
2025-04-07 04:00:00	88.96	0.72	88.9629	94.08
2025-04-07 05:00:00	87.44	0.08	87.44	96.96
2025-04-07 06:00:00	80.08	0	80.08	86.72
2025-04-07 07:00:00	76.16	0.48	76.1615	83.2
2025-04-07 08:00:00	79.12	0.16	79.1202	82.88
2025-04-07 09:00:00	85.2	0.08	85.2	88.32
2025-04-07 10:00:00	80.32	0.32	80.3206	87.04
2025-04-07 11:00:00	67.36	0.56	67.3623	70.72
2025-04-07 12:00:00	74.64	0.4	74.6411	83.52
2025-04-07 13:00:00	59.04	0.24	59.0405	68.48
2025-04-07 14:00:00	61.04	0.4	61.0413	72.96
2025-04-07 15:00:00	80.8	0.48	80.8014	88.96
2025-04-07 16:00:00	80	0.32	80.0006	86.4
2025-04-07 17:00:00	74.96	0.32	74.9607	78.4
2025-04-07 18:00:00	75.36	0.08	75.36	78.08
2025-04-07 19:00:00	76.8	0	76.8	82.56
2025-04-07 20:00:00	76.88	0	76.88	80.96
2025-04-07 21:00:00	83.6	0.08	83.6	86.4
2025-04-07 22:00:00	81.52	0.16	81.5202	83.84
2025-04-07 23:00:00	83.12	0	83.12	86.72
2025-04-08 00:00:00	80.96	0	80.96	83.52
2025-04-08 01:00:00	89.44	1.68	89.4558	97.6
2025-04-08 02:00:00	90.72	1.6	90.7341	103.36
2025-04-08 03:00:00	80.88	1.36	80.8914	86.4
2025-04-08 04:00:00	91.28	1.28	91.289	96.64
2025-04-08 05:00:00	92.8	1.92	92.8199	96
2025-04-08 06:00:00	85.36	1.12	85.3673	88.64
2025-04-08 07:00:00	80.88	1.68	80.8974	87.04
2025-04-08 08:00:00	88	1.92	88.0209	89.92
2025-04-08 09:00:00	85.84	0.08	85.84	89.6
2025-04-08 10:00:00	87.12	0.24	87.1203	95.36
2025-04-08 11:00:00	89.12	0.32	89.1206	91.52
2025-04-08 12:00:00	91.92	0.08	91.92	100.8
2025-04-08 13:00:00	81.2	0.24	81.2004	85.76
2025-04-08 14:00:00	75.44	0.08	75.44	77.44
2025-04-08 15:00:00	77.92	0.4	77.921	87.36
2025-04-08 16:00:00	67.52	0.48	67.5217	69.12
2025-04-08 17:00:00	57.84	0.48	57.842	62.08
2025-04-08 18:00:00	56.8	0.48	56.802	61.76
2025-04-08 19:00:00	71.84	0.64	71.8429	80.96
2025-04-08 20:00:00	88.08	0	88.08	93.12
2025-04-08 21:00:00	86	0	86	89.6
2025-04-08 22:00:00	82.64	0	82.64	88
2025-04-08 23:00:00	82.32	0	82.32	90.24
2025-04-09 00:00:00	85.12	0.16	85.1202	90.56
2025-04-09 01:00:00	88.32	0.8	88.3236	92.16

2025-04-09 02:00:00	85.92	0.64	85.9224	90.56
2025-04-09 03:00:00	86.08	0.56	86.0818	88.96
2025-04-09 04:00:00	91.6	0.64	91.6022	98.24
2025-04-09 05:00:00	90.8	0.32	90.8006	95.68
2025-04-09 06:00:00	88.8	0.88	88.8044	96.96
2025-04-09 07:00:00	88.32	1.52	88.3331	92.48
2025-04-09 08:00:00	97.52	1.28	97.5284	110.08
2025-04-09 09:00:00	89.52	1.2	89.528	96.64
2025-04-09 10:00:00	82.48	0.72	82.4831	91.84
2025-04-09 11:00:00	67.12	0.64	67.1231	74.56
2025-04-09 12:00:00	64.24	0.72	64.244	68.16
2025-04-09 13:00:00	52.08	1.52	52.1022	56.32
2025-04-09 14:00:00	46.64	1.2	46.6554	53.76
2025-04-09 15:00:00	48.48	0.64	48.4842	52.48
2025-04-09 16:00:00	50.8	0.24	50.8006	53.12
2025-04-09 17:00:00	59.28	0.72	59.2844	64.96
2025-04-09 18:00:00	63.68	0.56	63.6825	68.16
2025-04-09 19:00:00	59.04	0	59.04	61.12
2025-04-09 20:00:00	87.84	0.48	87.8413	104.64
2025-04-09 21:00:00	107.52	2.16	107.542	110.72
2025-04-09 22:00:00	102.64	1.6	102.652	108.16
2025-04-09 23:00:00	102.56	1.2	102.567	107.52
2025-04-10 00:00:00	103.28	1.28	103.288	106.88
2025-04-10 01:00:00	104.24	1.52	104.251	111.68
2025-04-10 02:00:00	99.44	0.88	99.4439	114.88
2025-04-10 03:00:00	110.88	0.4	110.881	121.28
2025-04-10 04:00:00	119.44	0.96	119.444	124.48
2025-04-10 05:00:00	116.56	0.32	116.56	118.08
2025-04-10 06:00:00	115.76	2.88	115.796	120
2025-04-10 07:00:00	108.88	1.36	108.888	116.8
2025-04-10 08:00:00	117.28	2.4	117.305	120.32
2025-04-10 09:00:00	96.4	1.36	96.4096	112
2025-04-10 10:00:00	69.2	1.12	69.2091	76.8
2025-04-10 11:00:00	61.68	0.56	61.6825	71.68
2025-04-10 12:00:00	63.68	0.88	63.6861	71.04
2025-04-10 13:00:00	51.44	0.48	51.4422	56.64
2025-04-10 14:00:00	58.08	0.4	58.0814	65.28
2025-04-10 15:00:00	86.56	1.12	86.5672	97.28
2025-04-10 16:00:00	104.48	0.72	104.482	108.16
2025-04-10 17:00:00	115.36	1.76	115.373	122.56
2025-04-10 18:00:00	105.28	1.12	105.286	116.8
2025-04-10 19:00:00	104.08	0.24	104.08	108.16
2025-04-10 20:00:00	114.08	0.4	114.081	121.92
2025-04-10 21:00:00	113.92	1.12	113.926	132.16
2025-04-10 22:00:00	104.56	0.24	104.56	108.48
2025-04-10 23:00:00	95.36	0.16	95.3601	108.16
2025-04-11 00:00:00	88.64	0.24	88.6403	99.52
2025-04-11 01:00:00	93.04	0.16	93.0401	99.2
2025-04-11 02:00:00	93.92	0.24	93.9203	99.52
2025-04-11 03:00:00	90.64	0	90.64	95.36
2025-04-11 04:00:00	102	0.56	102.002	105.92
2025-04-11 05:00:00	106.4	0.48	106.401	115.2
2025-04-11 06:00:00	72.72	0	72.72	87.68
2025-04-11 07:00:00	59.6	0.96	59.6077	64.32
2025-04-11 08:00:00	76.64	0.24	76.6404	79.68
2025-04-11 09:00:00	83.2	1.36	83.2111	88.32
2025-04-11 10:00:00	92.72	1.12	92.7268	99.2
2025-04-11 11:00:00	79.52	2.24	79.5515	87.68
2025-04-11 12:00:00	79.52	1.28	79.5303	89.6
2025-04-11 13:00:00	62.48	2	62.512	72.32
2025-04-11 14:00:00	46.56	0.64	46.5644	51.84
2025-04-11 15:00:00	36.16	1.6	36.1954	43.52
2025-04-11 16:00:00	30.32	1.44	30.3542	37.76
2025-04-11 17:00:00	33.6	1.12	33.6187	40
2025-04-11 18:00:00	35.2	0.4	35.2023	38.08
2025-04-11 19:00:00	38.8	0.08	38.8001	42.24
2025-04-11 20:00:00	42	0.08	42.0001	48
2025-04-11 21:00:00	69.92	1.44	69.9348	81.28
2025-04-11 22:00:00	63.68	0.48	63.6818	72.32
2025-04-11 23:00:00	64.4	0	64.4	68.8
2025-04-12 00:00:00	60.8	0.16	60.8002	63.36
2025-04-12 01:00:00	72.96	0.96	72.9663	80.96
2025-04-12 02:00:00	70.48	1.92	70.5061	74.88

2025-04-12 03:00:00	67.12	1.44	67.1354	78.72
2025-04-12 04:00:00	72.8	2.16	72.832	77.12
2025-04-12 05:00:00	77.68	1.6	77.6965	81.28
2025-04-12 06:00:00	70.8	2.16	70.8329	75.2
2025-04-12 07:00:00	66.24	1.6	66.2593	72
2025-04-12 08:00:00	66.8	2	66.8299	76.16
2025-04-12 09:00:00	58.72	0.08	58.7201	66.88
2025-04-12 10:00:00	64.48	0.8	64.485	73.92
2025-04-12 11:00:00	53.76	0.08	53.7601	59.84
2025-04-12 12:00:00	47.2	1.04	47.2115	54.72
2025-04-12 13:00:00	33.6	0.8	33.6095	40.96
2025-04-12 14:00:00	24.16	0.56	24.1665	36.16
2025-04-12 15:00:00	25.2	1.12	25.2249	35.52
2025-04-12 16:00:00	21.6	0.88	21.6179	25.28
2025-04-12 17:00:00	23.2	1.2	23.231	25.6
2025-04-12 18:00:00	26.56	0.48	26.5643	30.08
2025-04-12 19:00:00	36.16	0.72	36.1672	43.2
2025-04-12 20:00:00	46.08	0.24	46.0806	48.32
2025-04-12 21:00:00	61.12	0	61.12	71.04
2025-04-12 22:00:00	63.12	0.48	63.1218	71.36
2025-04-12 23:00:00	68.8	0.48	68.8017	83.52
2025-04-13 00:00:00	95.2	3.2	95.2538	105.6
2025-04-13 01:00:00	101.04	1.68	101.054	106.56
2025-04-13 02:00:00	58.56	2.24	58.6028	69.12
2025-04-13 03:00:00	64.8	2.56	64.8505	68.48
2025-04-13 04:00:00	73.2	2.48	73.242	77.76
2025-04-13 05:00:00	75.6	2.56	75.6433	84.8
2025-04-13 06:00:00	71.12	2.8	71.1751	75.2
2025-04-13 07:00:00	66.4	3.04	66.4696	71.68
2025-04-13 08:00:00	68.88	2.32	68.9191	76.16
2025-04-13 09:00:00	66.64	2.8	66.6988	68.48
2025-04-13 10:00:00	59.6	3.2	59.6858	70.08
2025-04-13 11:00:00	39.2	4.08	39.4118	46.4
2025-04-13 12:00:00	36.96	3.6	37.1349	40.64
2025-04-13 13:00:00	36.72	4.16	36.9549	41.28
2025-04-13 14:00:00	25.76	2.48	25.8791	29.12
2025-04-13 15:00:00	22.16	1.84	22.2363	27.2
2025-04-13 16:00:00	25.68	1.68	25.7349	27.52
2025-04-13 17:00:00	28.16	1.44	28.1968	33.28
2025-04-13 18:00:00	26.64	0.88	26.6545	34.24
2025-04-13 19:00:00	29.68	1.04	29.6982	36.48
2025-04-13 20:00:00	36.8	0.88	36.8105	42.56
2025-04-13 21:00:00	43.36	1.04	43.3725	51.52
2025-04-13 22:00:00	50.4	2.64	50.4691	61.44
2025-04-13 23:00:00	45.84	2.96	45.9355	49.92
2025-04-14 00:00:00	49.6	2.4	49.658	57.6
2025-04-14 01:00:00	64.08	2.64	64.1344	73.28
2025-04-14 02:00:00	107.2	3.44	107.255	122.24
2025-04-14 03:00:00	94.88	2.4	94.9103	108.48
2025-04-14 04:00:00	115.28	3.12	115.322	124.48
2025-04-14 05:00:00	108.48	2.08	108.5	114.88
2025-04-14 06:00:00	108.32	2.64	108.352	123.84
2025-04-14 07:00:00	106.48	3.84	106.549	111.68
2025-04-14 08:00:00	113.52	3.04	113.561	118.72
2025-04-14 09:00:00	109.12	1.76	109.134	113.6
2025-04-14 10:00:00	92.64	1.76	92.6567	103.36
2025-04-14 11:00:00	100.48	2	100.5	111.36
2025-04-14 12:00:00	95.36	2.4	95.3902	100.16
2025-04-14 13:00:00	72.32	2	72.3477	80.64
2025-04-14 14:00:00	61.52	2.32	61.5637	64.64
2025-04-14 15:00:00	66.88	3.12	66.9527	81.6
2025-04-14 16:00:00	57.52	1.36	57.5361	62.72
2025-04-14 17:00:00	58.08	1.44	58.0978	72
2025-04-14 18:00:00	52.64	0.64	52.6439	58.56
2025-04-14 19:00:00	46.8	0	46.8	55.36
2025-04-14 20:00:00	60.88	0.08	60.8801	65.92
2025-04-14 21:00:00	73.12	0.32	73.1207	79.68
2025-04-14 22:00:00	71.76	0.08	71.76	79.68
2025-04-14 23:00:00	85.12	0	85.12	89.28
2025-04-15 00:00:00	83.84	0.08	83.84	85.44
2025-04-15 01:00:00	84.96	0.16	84.9602	93.44
2025-04-15 02:00:00	86	0	86	95.04
2025-04-15 03:00:00	84.96	0	84.96	89.92

2025-04-15 04:00:00	94.08	0.16	94.0801	104.64
2025-04-15 05:00:00	93.52	0.4	93.5209	103.68
2025-04-15 06:00:00	92.96	0.08	92.96	103.36
2025-04-15 07:00:00	92.64	0.48	92.6412	94.4
2025-04-15 08:00:00	120.4	0.8	120.403	133.12
2025-04-15 09:00:00	117.28	1.28	117.287	121.6
2025-04-15 10:00:00	114.56	1.28	114.567	126.4
2025-04-15 11:00:00	99.2	0.96	99.2046	107.84
2025-04-15 12:00:00	84.24	0.96	84.2455	92.16
2025-04-15 13:00:00	60.64	1.2	60.6519	76.48
2025-04-15 14:00:00	38.56	0.48	38.563	44.16
2025-04-15 15:00:00	36.8	1.6	36.8348	39.36
2025-04-15 16:00:00	36.48	1.36	36.5053	41.6
2025-04-15 17:00:00	38.4	0.72	38.4067	46.72
2025-04-15 18:00:00	40.16	0.24	40.1607	42.56
2025-04-15 19:00:00	50.4	0.32	50.401	53.44
2025-04-15 20:00:00	39.92	0	39.92	46.08
2025-04-15 21:00:00	46.16	0.08	46.1601	53.76
2025-04-15 22:00:00	43.76	0	43.76	48.64
2025-04-15 23:00:00	54.08	0.16	54.0802	65.92
2025-04-16 00:00:00	55.12	0.24	55.1205	59.52
2025-04-16 01:00:00	56.32	0.48	56.322	64
2025-04-16 02:00:00	60.16	0.16	60.1602	64.64
2025-04-16 03:00:00	74.48	1.52	74.4955	97.6
2025-04-16 04:00:00	91.52	1.84	91.5385	105.92
2025-04-16 05:00:00	96.4	2.32	96.4279	98.88
2025-04-16 06:00:00	99.28	3.2	99.3316	110.4
2025-04-16 07:00:00	91.76	2.32	91.7893	100.48
2025-04-16 08:00:00	96.96	2.72	96.9981	114.88
2025-04-16 09:00:00	84.8	1.28	84.8097	91.2
2025-04-16 10:00:00	68.88	1.68	68.9005	76.48
2025-04-16 11:00:00	69.12	1.76	69.1424	80.64
2025-04-16 12:00:00	53.68	0.96	53.6886	58.24
2025-04-16 13:00:00	40	1.6	40.032	47.36
2025-04-16 14:00:00	35.36	1.04	35.3753	40.32
2025-04-16 15:00:00	29.84	1.44	29.8747	33.6
2025-04-16 16:00:00	30.96	1.2	30.9832	35.84
2025-04-16 17:00:00	30.96	0.56	30.9651	33.28
2025-04-16 18:00:00	28	0	28	36.16
2025-04-16 19:00:00	33.76	0.08	33.7601	38.08
2025-04-16 20:00:00	35.76	0	35.76	41.28
2025-04-16 21:00:00	45.12	0	45.12	49.92
2025-04-16 22:00:00	45.12	0	45.12	48.64
2025-04-16 23:00:00	54.48	0	54.48	61.12
2025-04-17 00:00:00	54.64	0.4	54.6415	61.44
2025-04-17 01:00:00	58.96	0.48	58.962	66.56
2025-04-17 02:00:00	77.84	1.6	77.8564	86.4
2025-04-17 03:00:00	87.28	1.44	87.2919	89.92
2025-04-17 04:00:00	100.08	2.72	100.117	110.08
2025-04-17 05:00:00	99.466	1.602	99.4789	105.816
2025-04-17 06:00:00	100.825	2.319	100.852	110.184
2025-04-17 07:00:00	103.6	3.52	103.66	106.24
2025-04-17 08:00:00	111.92	3.12	111.963	116.8
2025-04-17 09:00:00	104.56	3.2	104.609	114.56
2025-04-17 10:00:00	93.2	1.76	93.2166	102.72
2025-04-17 11:00:00	71.04	1.92	71.0659	88
2025-04-17 12:00:00	50.64	0.8	50.6463	56.64
2025-04-17 13:00:00	36.88	1.84	36.9259	45.76
2025-04-17 14:00:00	32.56	1.52	32.5955	36.8
2025-04-17 15:00:00	29.2	1.04	29.2185	32
2025-04-17 16:00:00	33.36	0.72	33.3678	38.72
2025-04-17 17:00:00	40.4	0.16	40.4003	46.4
2025-04-17 18:00:00	42.32	0	42.32	46.08
2025-04-17 19:00:00	47.44	0.24	47.4406	52.48
2025-04-17 20:00:00	60.72	0.08	60.7201	72
2025-04-17 21:00:00	76.96	0.08	76.96	83.2
2025-04-17 22:00:00	87.52	0	87.52	93.12
2025-04-17 23:00:00	91.36	0.08	91.36	96.96
2025-04-18 00:00:00	107.2	0.24	107.2	118.4
2025-04-18 01:00:00	111.84	0.08	111.84	117.76
2025-04-18 02:00:00	119.12	0.72	119.122	125.12
2025-04-18 03:00:00	119.68	1.12	119.685	121.28
2025-04-18 04:00:00	148.48	3.52	148.522	154.88

Exhibit J.2.3. Architectural Drawings

PROJECT SYMBOLS

ELEVATION TAG/REFERENCE

BUILDING SECTION TAG/REFERENCE

WALL SECTION TAG/REFERENCE

DETAIL SECTION TAG/REFERENCE

ENLARGEMENT TAG/REFERENCE

REVISION INDICATOR (CLOUD)

TEXT ABOVE
TEXT BELOW — ELEVATION DATUM

WORK POINT / START POINT

ROOM NAME
101 — ROOM NAME AND NUMBER

PROJECT NOTES

1) DO NOT SCALE THE DRAWINGS.

2) THE DRAWINGS AND THE SPECIFICATION ARE COMPLEMENTARY - WHATEVER IS INDICATED IN ONE IS ASSUMED TO BE INDICATED IN THE OTHER. NOTIFY THE ARCHITECT IN CASE OF DISCOVERED DISCREPANCIES.

3) DRAWINGS OF EXISTING CONDITIONS AND BUILDING PLANS HAVE BEEN PREPARED FROM DATA AND DRAWINGS PROVIDED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT HAS VERIFIED EXISTING CONDITIONS TO THE BEST OF THEIR ABILITY, AND THEN USED THE INFORMATION, IN ACCORDANCE WITH GENERALLY-ACCEPTED STANDARDS OF PROFESSIONAL PRACTICE, TO INDICATE EXISTING CONDITIONS. HOWEVER, THE ARCHITECT ISSUES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION INDICATED THEREIN.

4) UNLESS NOTED OTHERWISE ALL DIMENSION ARE TO THE FINISH FACE OF WALLS.

NEW-CONSTRUCTION NOTES:

1) ALL MATERIALS AND SYSTEMS SHALL BE INSTALLED PER MANUFACTURERS' PRINTED INSTRUCTIONS AND PER INDUSTRY STANDARDS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.

2) THE GENERAL CONTRACTOR SHALL COORDINATE THE WORK OF THE VARIOUS TRADES UNDER HIS CONTRACT, AND SHALL COORDINATE THEIR WORK WITH WORK BY THE OWNER, THE OWNER'S SUPPLIERS, THE OWNER'S SUBCONTRACTORS, AND WITH OWNER'S EQUIPMENT IN PLACE AT THE TIME OF THE BID/PROPOSAL.

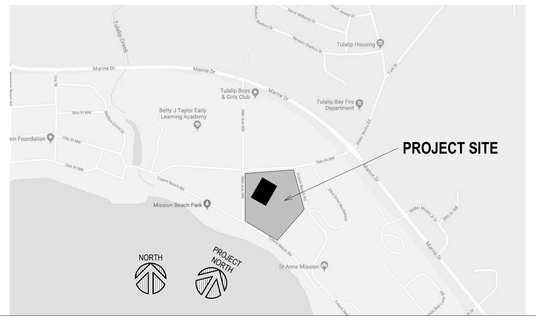
3) THE COMPLETED PROJECT SHALL HAVE A FINISHED APPEARANCE IN ALL SPACES ACCESSIBLE BY THE PUBLIC AND BY EMPLOYEES USING THE SPACE. THERE SHALL BE NO EXPOSED PIPE, CONDUIT, OR DUCTS UNLESS APPROVED BY THE ARCHITECT. THERE SHALL BE NO WALLS WITHOUT BASE AND PAINT UNLESS APPROVED BY THE ARCHITECT. THERE SHALL BE NO UNPAINTED OR UNFINISHED ACCESS PANELS, CLEANOUTS, OR RACEWAYS UNLESS APPROVED BY THE ARCHITECT.

ABBREVIATIONS

ACC	ACCESSIBLE
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
BLDG	BUILDING
BO	BOTTOM OF
CL	CENTERLINE
CJ	CONTROL JOINT
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
CORR	CORRIDOR
CTR	CENTER
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DISP	DISPENSER
DN	DOWN
DS	DOWN SPOUT
DWG	DRAWING
E	EAST
EJ	EXPANSION JOINT
EL	ELEVATION
ELEV	ELEVATOR
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXT	EXTERIOR
FAB	FABRICATE
FDN	FOUNDATION
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FT	FEET, FOOT
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER (AND) CABINET
GA	GAUGE
GC	GENERAL CONTRACTOR
GWB	GYPSUM WALL BOARD
HT	HEIGHT
HR	HOUR
HSKP	HOUSEKEEPING
IBC	INTERNATIONAL BUILDING CODE
JAN	JANITOR
MAX	MAXIMUM
MDO	MEDIUM DENSITY OVERLAY
MDF	MEDIUM DENSITY FIBER BOARD
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MO	MASONRY OPENING
N	NORTH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
PL	PROPERTY LINE
PLAM	PLASTIC LAMINATE
PR	PAIR
RD	ROOF DRAIN
RO	ROUGH OPENING
S	SOUTH
SC	SOLID CORE
SCWD	SOLID CORE WOOD
SF	SQUARE FEET, SQUARE FOOT
SIM	SIMILAR
SS	STAINLESS STEEL
T&G	TONGUE AND GROOVE
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TOSL	TOP OF SLAB
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VIF	VERIFY IN FIELD
W	WEST

WHERE SCHEDULES (INCLUDING THOSE FOR DOORS, OPENINGS, WINDOWS, PARTITIONS, FINISHES, MATERIALS, GLAZING, HARDWARE, AND SIMILAR ITEMS) USE ABBREVIATIONS OTHER THAN THESE, FOR REASONS OF EXTREME BREVITY, AN ABBREVIATION LEGEND IS PROVIDED AT THAT LOCATION FOR INTERPRETING SUCH ABBREVIATIONS.

VICINITY MAP



PROJECT INFORMATION

SCOPE OF WORK

NEW TWO STORY BUILDING OF APPROXMATELY 30,524 SF ON MAIN LEVEL AND 27,710 SF ON THE LOWER LEVEL. THE MAIN LEVEL WILL INCLUDE A LARGE GATHERING HALL, 2 CONFERENCE ROOMS, A KITCHEN AND SUPPORT SPACES. THE LOWER LEVEL WILL INCLUDE AN OFFICE, STORAGE AND SUPPORT SPACES. THE SCOPE ALSO INCLUDES AN OUTDOOR COOKING PAVILION, LANDSCAPING, STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL.

FOUNDATIONS AND SITEWORK WERE A PART OF PHASE 1 (PERMIT # GP 2018-020)

QTR -SEC-TWP-RNG

NE 27 T30N R04E: NW 27 T30N R04E: SE 22 T30N
R04E: SW 22 T30N R04E

PARCEL NUMBER

30042700100200

AUTHORITY HAVING JURISDICTION (AHJ)

TULALIP TRIBES PLANNING DEPARTMENT

LAND USE

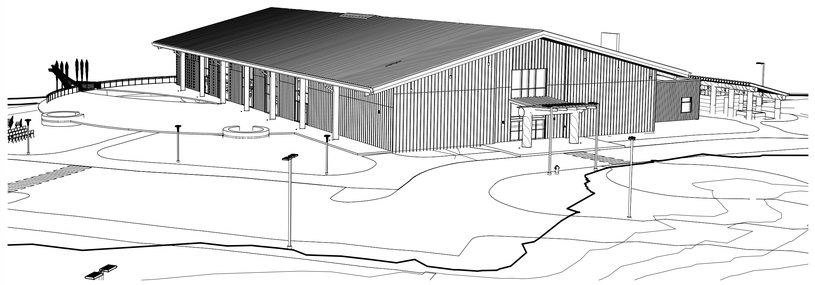
LAND USE JURISDICTION: SNOHOMISH COUNTY: TRIBAL TRUST
ZONING: TULALIP BAY PLANNING AREA
MAXIMUM LOT COVERAGE BY BUILDINGS: 50%
MINIMUM BUILDING SETBACK FRONT YARD ARTERIAL STREET: 25'
MINIMUM BUILDING SETBACK FRONT YARD OTHER STREET: 10'
MINIMUM BUILDING SETBACK SIDE YARD: 5'
MINIMUM BUILDING SETBACK REAR YARD: 5'
BUILDING HEIGHT: THE HEIGHT OF ANY INDUSTRIAL OR COMMERCIAL BUILDING OR PORTION THEROF ABUTTING A RESIDENTIAL ZONE MAY NOT EXCEED THE DISTANCE TO THE PROPERTY LINE.

APPLICABLE CODES

TULALIP TRIBAL CODES
2012 IBC (ADOPTED CODE), 2015 IBC ALLOWED AS SUBSTITUTION
EXISTING-BUILDING CODE: WA STATE EXISTING-BUILDING CODE (IEBC with amendments) - 2015
BUILDING CODE: WA STATE BUILDING CODE (IBC with amendments) - 2015
ENERGY CODE: WA STATE ENERGY CODE (IECC with amendments) - 2015
LIFE SAFETY CODE: NFPA 101 - 2012
FIRE CODE: INTERNATIONAL FIRE CODE (IFC) - 2015
MECHANICAL CODE: INTERNATIONAL MECHANICAL CODE (IMC) - 2015
PLUMBING CODE: UNIFORM PLUMBING CODE (UPC) - 2015
ELECTRICAL CODE: NATIONAL ELECTRICAL CODE (NEC) - 2014
ACCESSIBILITY CODE: ANSI A117.1 - 2009 (BY REFERENCE FROM IBC AND WSBC)

DEFERRED SUBMITTALS

1. FIRE SUPPRESSION SYSTEMS
2. SMOKE DETECTION SYSTEM AND FIRE ALARM SYSTEM - BUILDING SHALL BE EQUIPT WITH A VOICE ALARM SYSTEM



PROJECT TEAM

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PHASE 2 DRAWING INDEX

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L KENT GREGORY
STATE OF WASHINGTON

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TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

GENERAL INFORMATION

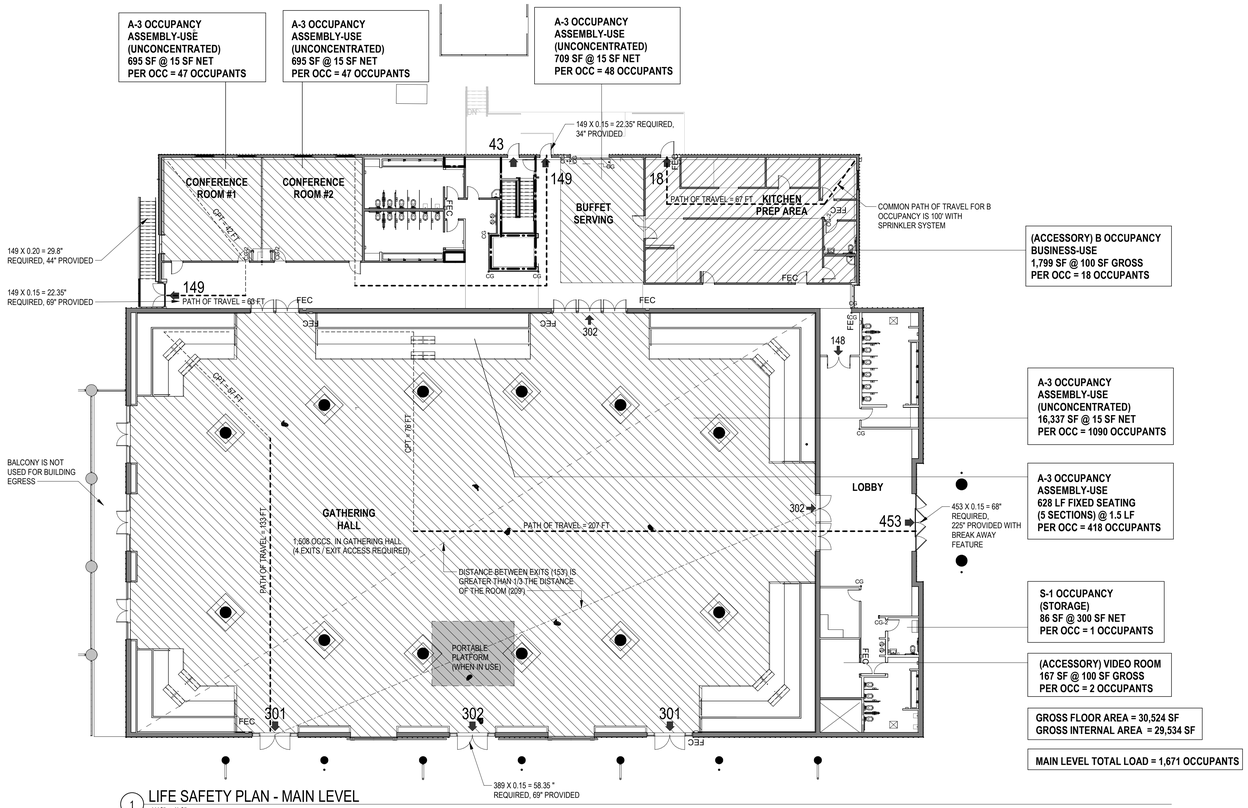
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 1	10/16/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT COMMENTS	12/12/18
	ADDENDUM 6	12/14/18
	PH 2 CONSTRUCTION SET	03/13/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

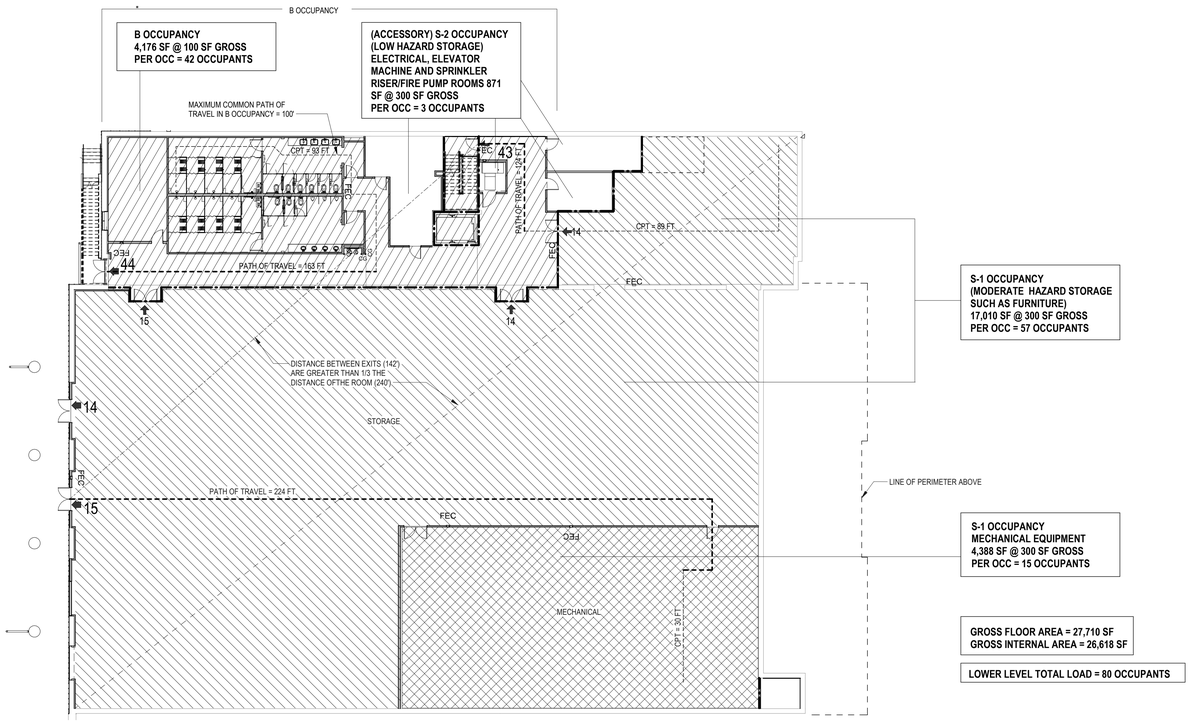
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: Designer
DRAWN BY: Author

SHEET NO

G0.12



1 LIFE SAFETY PLAN - MAIN LEVEL
1/16" = 1'-0"

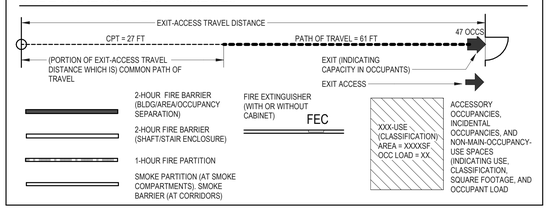


2 LIFE SAFETY PLAN - LOWER LEVEL
1/16" = 1'-0"

CODE ANALYSIS

	2015 INTERNATIONAL BUILDING CODE	
BUILDING INFORMATION		
BUILDING - MAIN OCCUPANCY CLASSIFICATION	SECTION 303	A-3 ASSEMBLY
BUILDING - CONSTRUCTION TYPE	SECTION 602	TYPE V-A
BUILDING - NUMBER OF STORIES	TABLE 504.4	2-STORIES ALLOWED, 2-STORIES IN DESIGN
BUILDING - HEIGHT	TABLE 504.3	60 FT HEIGHT MAX ABOVE AVERAGE GRADE PLANE
BUILDING - SPRINKLERING	SECTION 903.3.1	YES, COMPLYING WITH WSBC SECTION 903.3.1
BUILDING - ALLOWABLE AREA	SECTION 506	---------
At (PER TABLE 506.2 FOR SM) = 34,500 NS (PER TABLE 506.2) = 11,500 Sa (PER DESIGN of 2 STORIES ABOVE GRADE PLANE) = 2 W (PER 506.3.2) = 30 If (PER DESIGN) = .75	SECTION 506.2.3	Aa = [At + (NS x If)] x Sa Aa = [34,500 SF + (11,000 SF x .75)] x 2 Aa = [34,500 SF + 8,250 SF] x 2 Aa = 83,500 SF ALLOWABLE AREA AREA OF BUILDING AS DESIGNED = 30,503 SF + 27,712 SF = 58,512 SF
OCCUPANCY AND USE	---------	---------
MAIN (PREDOMINANT) OCCUPANCY/OCCUPANCIES	SECTION 304	GROUP A3 - ASSEMBLY (COMMUNITY HALL)
BUSINESS-USE AREAS	SECTION 305	GROUP B - BUSINESS
ACCESSORY OCCUPANCIES	SECTION 508.2	---------
STORAGE AREAS LESS THAN 100 SF, THAT ARE ACCESSORY TO THE MAIN OCCUPANCY	SECTION 311.1.1	PART OF THE MAIN OCCUPANCY
ROOMS GREATER THAN 100 SF FOR STORAGE OF COMBUSTIBLES	SECTION 311.2	S-1 MODERATE-HAZARD STORAGE
ROOMS GREATER THAN 100 SF FOR STORAGE OF NON-COMBUSTIBLES	SECTION 311.3	S-2 LOW-HAZARD STORAGE
INCIDENTAL USES	SECTION 509	NONE IN THIS PROJECT
MIXED OCCUPANCIES	SECTION 508.1	SELECTED APPROACH BELOW:
-- SEPARATED OCCUPANCIES	SECTION 508.4	---------
SEPARATION BETWEEN GROUP B AND GROUP A-3	SECTION 508.4	1-HR FIRE BARRIER (IN SPRINKLERED BLDG)
SEPARATION BETWEEN GROUP A-3 AND GROUP S-1	TABLE 508.4	1-HR FIRE BARRIER (IN SPRINKLERED BLDG)
FIRE-RATING FOR BUILDING ELEMENTS, FIRE AND SMOKE PROTECTION FEATURES	CHAPTER 6 CHAPTER 7	SEE ALSO "MEANS OF EGRESS" SECTION BELOW
PRIMARY STRUCTURAL FRAME	TABLE 601	1 HOURS AT CONSTRUCTION TYPE V-A
INTERIOR BEARING WALLS	TABLE 601	1 HOURS AT CONSTRUCTION TYPE V-A
INTERIOR NON-BEARING WALLS AND PARTITIONS	TABLE 601	0 HOURS AT CONSTRUCTION TYPE V-A
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	TABLE 601	1 HOURS AT CONSTRUCTION TYPE V-A
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	TABLE 601	1 HOURS AT CONSTRUCTION TYPE V-A
SHAFT ENCLOSURES	SECTION 713.4	1-HOUR WHEN CONNECTING LESS THAN 4 STORIES, AND NOT LESS THAN FIRE-RESISTANCE RATING OF FLOOR PENETRATED.
ELEVATOR LOBBY ENCLOSURES	SECTION 3006.2	NOT REQUIRED IN BUILDINGS OF 3 OR FEWER STORIES.
STAIR ENCLOSURES	SECTION 1023.2	1-HOUR WHEN CONNECTING LESS THAN 4 STORIES, AND NOT LESS THAN FIRE-RESISTANCE RATING OF FLOOR PENETRATED.
MEANS OF EGRESS	CHAPTER 10	---------
OCCUPANT LOAD	SECTION 1004	---------
ASSEMBLY-USE (UNCONCENTRATED - TABLES AND CHAIRS)	TABLE 1004.1.2	1 OCCUPANT PER 15SF GROSS (SEE LIFE-SAFETY PLAN)
BUSINESS AREAS / OFFICE	TABLE 1004.1.2	1 OCCUPANT PER 100SF GROSS (SEE LIFE-SAFETY PLAN)
ACCESSORY-STORAGE AREAS, MECHANICAL ROOMS	TABLE 1004.1.2	1 OCCUPANTS PER 300SF GROSS (SEE LIFE-SAFETY PLAN)
PROJECT OCCUPANT LOAD	SUM OF ABOVE	TOTAL OCCUPANT LOAD (SEE LIFE-SAFETY PLAN)
NUMBER OF EXITS REQUIRED - MINIMUM	SECTION 1006.2.1 SECTION 1006.2.1.1 TABLE 1006.2.1	4 FOR OCCUPANT LOAD GREATER THAN 1000 3 FOR OCCUPANT LOADS FROM 501 TO 1000 2 FOR OCCUPANT LOADS FROM 50 TO 500 1 FOR OCCUPANT LOADS TO 49, IF CPOT IS 75 FT OR LESS
COMMON PATH OF TRAVEL (ALLOWABLE)	TABLE 1006.2.1	75 FT IN OCCUPANCY GROUP A, WHEN SPRINKLERED
ARRANGEMENT OF EXITS OR EXIT ACCESS DOORS	SECTION 1007.1.1	PLACED AT A DISTANCE FROM ONE ANOTHER NOT LESS THAN ONE-THIRD THE DISTANCE OF THE MAXIMUM DIAGONAL OF THE SPACE SERVED, IN A SPRINKLERED BUILDING
EXIT ACCESS TRAVEL DISTANCE (ALLOWABLE)	SECTION 1017 TABLE 1017.2	250 FT IN OCCUPANCY GROUP A, WHEN SPRINKLERED
CORRIDOR CONSTRUCTION	TABLE 1020.1	UNRATED IN OCCUPANCY GROUP A, WHEN SPRINKLERED
CORRIDOR (ALLOWABLE) DEAD END LENGTH IN ROOMS OR SPACES REQUIRING MORE THAN 1 EXIT OR EXIT-ACCESS DOOR	SECTION 1020.4	50 FT IN OCCUPANCY GROUP S, WHEN SPRINKLERED 20 FT IN OCCUPANCY GROUP A
DOOR TYPES ALLOWED	SECTION 1010.1.2 SECTION 1010.1.4.3	SWING TYPE DOORS. POWER-OPERATED SWING OR SLIDING DOORS, CAPABLE OF MANUAL OPERATION IN THE EVENT OF POWER FAILURE.
DOOR SWING	SECTION 1010.1.2.1	DOOR MUST SWING IN THE DIRECTION OF EGRESS TRAVEL WHEN SERVING A SPACE WITH AN OCCUPANT LOAD OF 50 OR MORE
PANIC HARDWARE	SECTION 1010.1.9.3 SECTION 1010.1.10	REQUIRED WHERE SERVING A GROUP A OCCUPANCY WITH AN OCCUPANT LOAD OF 50 OR MORE, EXCEPT AT MAIN EXTERIOR EXIT IF REPLACED BY READILY-DISTINGUISHABLE LOCKING HARDWARE AND RELATED SIGNAGE.
PLUMBING FIXTURES REQUIRED	CHAPTER 29	---------
WATER CLOSETS, URINALS	TABLE 2902.1	IN A-3 OCCUPANCY (HALLS) MAIN LEVEL: DIVIDE OCC LOAD BY 2 (1,671 / 2 = 836 EA). 1 REQUIRED FOR EACH 125 MALE OCC. (836 /125 = 7). 12 PROVIDED. 1 REQUIRED FOR EACH 65 FEMALE OCC. (836 / 65 = 13). 14 PROVIDED. LOWER LEVEL: DIVIDE OCC LOAD BY 2 (80 / 2 = 40 EA). 1 REQUIRED FOR EACH 125 MALE OCC. (40 /125 = 1). 6 PROVIDED. 1 REQUIRED FOR EACH 65 FEMALE OCC. (40 / 65 = 1). 6 PROVIDED.
LAVATORIES	TABLE 2902.1	IN A-3 OCCUPANCY (HALLS): 1 REQUIRED PER 200 OCCUPANTS OR F/TO (FRACTION THEREOF) MAIN LEVEL: 1,671 / 200 = 9 REQUIRED. 16 PROVIDED. LOWER LEVEL: 80 / 200 = 1 REQUIRED. 8 PROVIDED.
SEPARATE TOILET FACILITIES	TABLE 2903.2	REQUIRED FOR EACH SEX.
DRINKING FOUNTAINS	SECTION 2902.5	1 REQUIRED PER 150 OCCUPANTS, THEN 1 ADDITIONAL REQUIRED FOR EACH 500 OCCUPANTS (1,671 + 80 = 1,751). THEREFORE, 5 REQUIRED. 4 PROVIDED ON MAIN LEVEL. 2 PROVIDED ON LOWER LEVEL.
SERVICE SINKS	TABLE 2902.1	NO REQUIREMENT. 2 PROVIDED.

CODE-ANALYSIS PLAN SYMBOLS



SEE ELECTRICAL LIGHTING PLAN FOR EXIT LIGHT LOCATIONS

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PHASE 2 - BUILDING AND LANDSCAPING

LIFE SAFETY PLANS/CODE ANALYSIS

ISSUANCE

No.	Description	Date
	SITE AND FOUNDATION PERMIT SET	04/09/18
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT COMMENTS	12/12/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

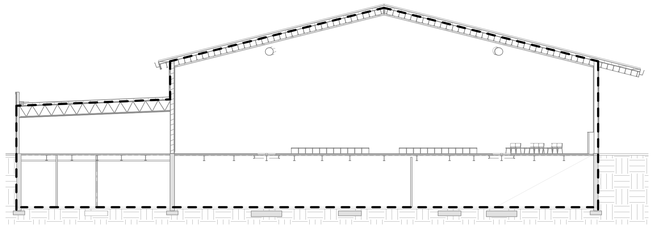
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO

A0.22

NOTE:

DASHED LINE REFERS TO APPROXIMATE LOCATION OF AIR BARRIER. FOR EXACT LAYOUT OF WALL/ROOF CONSTRUCTION AND AIR BARRIER, SEE WALL SECTIONS AND DETAILS.

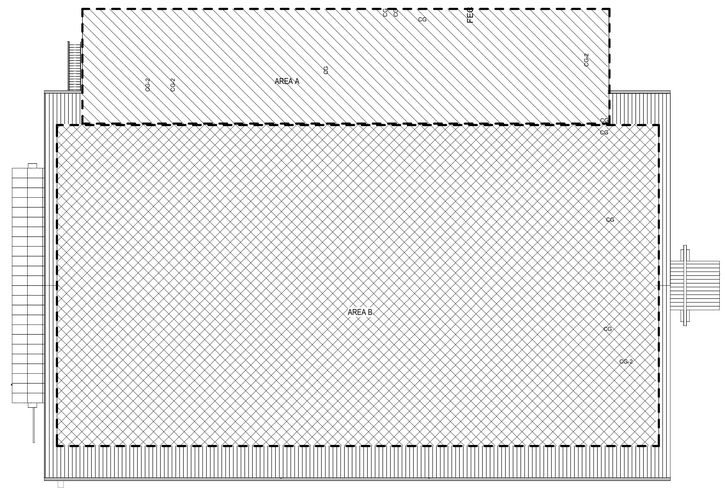


6 AIR BARRIER DIAGRAM - SECTION EAST WEST
1/16" = 1'-0"

ROOF AIR PRESSURE BOUNDARY

ROOF AREA (A): 7,310.00 SF
ROOF AREA (B): 23,916.13 SF

TOTAL AREA: 31,226.13 SF

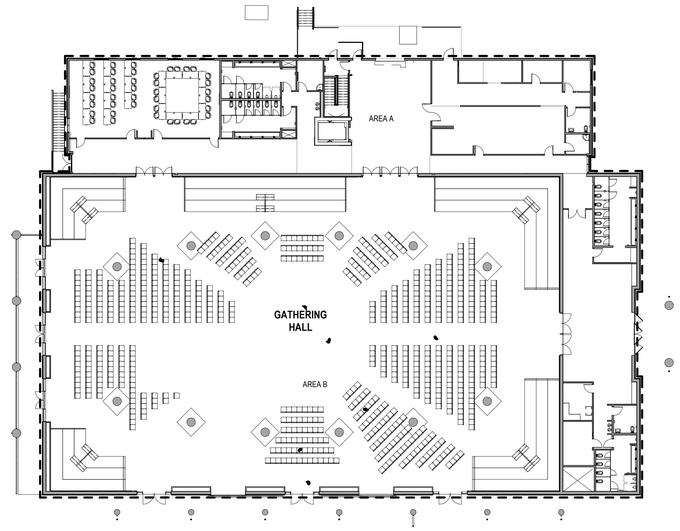


3 AIR BARRIER DIAGRAM - HIGH ROOF
3/64" = 1'-0"

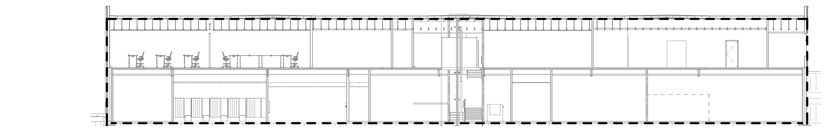
MAIN LEVEL AIR PRESSURE BOUNDARY

SLAB ON GRADE: 2,852 SF
WALL AREA (BUILDING A):264-6" X 14'-0" = 3,703 SF
WALL AREA (AREA B):
NORTH: 3,332 SF
EAST: 4,674.375 SF
SOUTH: 3,332 SF
WEST: 2,145 SF

TOTAL AREA: 20,038.375 SF



2 AIR BARRIER DIAGRAM - MAIN LEVEL
3/64" = 1'-0"



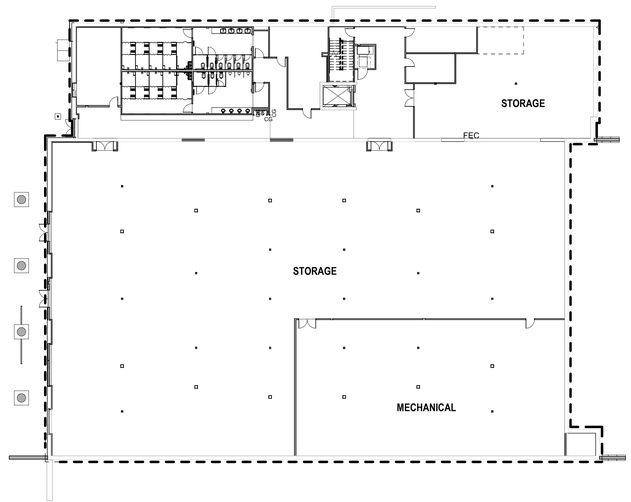
5 AIR BARRIER DIAGRAM - SECTION NORTH SOUTH AREA A
1/16" = 1'-0"

LOWER LEVEL AIR PRESSURE BOUNDARY

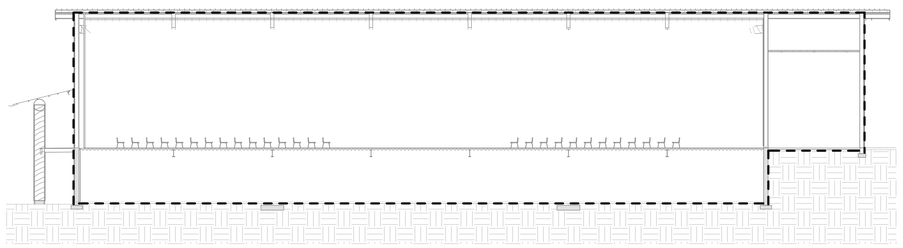
ELEVATOR PIT WALLS: 45'-0" X 5' = 225 SF
FOUNDATION WALLS: 710'-0" X 14' - 6" = 10,295 SF
SLAB ON GRADE: 27,677 SF

TOTAL AREA: 38,197 SF

TOTAL ENVELOPE/AIR BARRIER AREA: 89,462 SF



1 AIR BARRIER DIAGRAM - LOWER LEVEL
3/64" = 1'-0"



4 AIR BARRIER DIAGRAM - SECTION NORTH SOUTH AREA B
1/16" = 1'-0"

7/9/2020 12:41:47 PM C:\Users\mzogorski\Documents\17031 Tulalip Gathering Hall- Central_mzogorski@TGBAarchitects.com.rvt

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PHASE 2 - BUILDING AND LANDSCAPING

AIR BARRIER DIAGRAMS

ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO

A0.23

BXUV.D790 - FIRE-RESISTANCE RATINGS - ANSI/UL 263

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

Design No. D790

May 13,2015

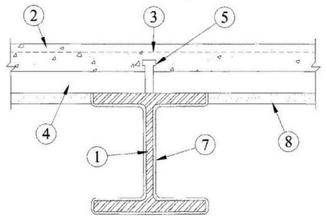
Restrained Assembly Ratings-2, 3 and 4 Hr. (See Items 7 and 8)

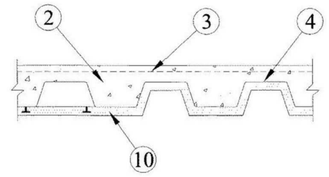
Unrestrained Assembly Ratings-1, 1-1/2, 2 and 3 Hr. (See Items 7 and 8)

Unrestrained Beam Ratings-1, 1-1/2, 2 and 3 Hr. (See Items 7 and 8)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**





1. **Steel Beams —** Any wide flange steel size shown in the table in Item 7. Beams shall be primed with a red oxide, zinc phosphate primer.

2. **Normal Weight or Lightweight Concrete —** Min thickness above the crest 2-1/2 in. Normal weight concrete, carbonate or siliceous aggregate, 145 lb/ftfor minus 3 lb/ftweight, 3000 psi compressive strength, vibrated. Lightweight concrete, expanded shale, clay or slate aggregate by rotary-kiln method, 102-120 lb/ftweight, 3000 psi compressive strength, vibrated, 4 to 7 percent entrained air.

3. **Welded Wire Fabric —** 6 x 6—W.4 x W1.4.

4. **Steel Floor and Form Units* —** Composite 1-1/2, 2 or 3 in. deep galv units. Fluted units may be uncoated. Min gauges are 22 MSG for fluted and 20/20 MSG for cellular. Any combination of fluted and cellular units may be used. Spacing of welds attaching units to supports shall be 12 in. OC max unless specified otherwise, adjacent units button-punched or welded together at side joints and, unless specified otherwise for specific unit types, spacing of all side joint fastening systems shall not exceed 36 in. OC.

CANAM STEEL CORP — 36 in. wide Type P-3623 composite

NEW MILLENNIUM BUILDING SYSTEMS L L C — 24 in. wide Types CFD-2, -3; 24, 30 or 36 in. wide Type CFD-1.5; 12, 24 or 36 in. wide Types Mac-Lok 2, Mac-Lok 3; 12 in. wide Mac-Way Cellular Types 2-633MTWA, 3-633MTWA, 2-633MTWV, 3-633MTWV. For the 1, 1-1/2, 2h Restrained Assembly and Beam Rating and the 1h Unrestrained Assembly and Beam Rating, 12 in. wide, Type 1.5-633 MTWA may be used. Types CFD-1.5, CFD-2, CFD-3, Mac-Lok 2, Mac-Lok 3 may be phos/gtd. Two rows of steel studs with discs (Item 7) shall be welded along the sides of the Types 2-633MTWV, 3-633MTWV cellular units a max of 22 in. OC.

NEW MILLENNIUM BUILDING SYSTEMS L L C — Type 1.5CD, 1.5CD‡, 2.0CD, or 3.0CD. Units may be phos/painted or galvanized.

VULCRAFT, DIV OF NUCOR CORP — 24, 30 or 36 in. wide Type 1.5VL‡, 1.5VLP; 24 or 36 in. wide Types 2VL‡, 3VL‡, 3VLP. Types 1.5 VL‡, 2VL‡, 3VL‡ units may be phos/gtd; 24 or 36 in. wide Types 2VL‡, 3VL‡ units (+) may be used for max 2 hr Restrained Assembly.

(+)Side joints of Types 2VL‡ or 3VL‡ units may be fastened together with No. 8-3/4 in. long self-drilling Tek screws driven diagonally from the top side through the joint of the units at 36 in. OC max.

5. **Shear Connectors (Optional) —** Studs, 3/4 in. diam (min 1/2 diam for use with steel joists) by 4-1/2 in. long, headed type or equivalent per AISC specification. Welded to the top flange of the beam, through thedeck.

6. **Joint Cover —** 2 in. wide pressure sensitive cloth tape.

7. **Mastic and Intumescent Coating* —** Coating spray, brush or towel applied directly from containers to desired thickness. See table below for appropriate final dry thickness. After each coat, the surface shall be lightly rolled with a paint roller. Flutes above beam to be completely filled with mineral wool insulation having a minimum density of 6 lb/fte top flange of the beam shall be protected with the same thickness of coating as required on the beam. For unrestrained assembly ratings see Item 8. The unrestrained beam rating shall be equal to the unrestrained assembly rating.

Restrained Assembly Rating (Hr)	2		3		4	
Unrestrained Beam Rating (Hr)	1	1-1/2	2	1-1/2	2	3

Steel Size	W/D	Thickness (In.)							
W16x36	0.70	0.100	0.100	0.143	0.268	0.268	NR	NR	NR
W16x40	0.77	0.094	0.094	0.143	0.253	0.253	NR	NR	NR
W16x45	0.87	0.088	0.089	0.143	0.236	0.236	NR	NR	NR
W16x50	0.96	0.082	0.086	0.143	0.222	0.222	NR	NR	NR
W16x57	1.08	0.076	0.076	0.143	0.204	0.204	NR	NR	NR
W16x67	1.08	0.076	0.076	0.143	0.204	0.204	NR	NR	NR
W16x77	1.24	0.069	0.069	0.143	0.186	0.186	NR	NR	NR
W16x89	1.42	0.062	0.062	0.143	0.169	0.169	NR	NR	NR
W18x35	0.67	0.103	0.103	0.143	0.275	0.275	NR	NR	NR
W18x40	0.76	0.095	0.095	0.143	0.256	0.256	NR	NR	NR
W18x46	0.87	0.088	0.089	0.143	0.236	0.236	NR	NR	NR
W18x50	0.88	0.087	0.089	0.143	0.235	0.235	NR	NR	NR
W18x55	0.96	0.082	0.085	0.143	0.221	0.221	NR	NR	NR
W18x60	1.04	0.078	0.079	0.143	0.209	0.209	NR	NR	NR
W18x65	1.12	0.074	0.074	0.143	0.199	0.199	NR	NR	NR
W18x71	1.22	0.070	0.070	0.143	0.188	0.188	NR	NR	NR
W18x76	1.12	0.074	0.074	0.143	0.200	0.200	NR	NR	NR
W18x86	1.26	0.068	0.068	0.143	0.184	0.184	NR	NR	NR
W18x97	1.41	0.062	0.062	0.143	0.169	0.169	NR	NR	NR
W21x44	0.74	0.097	0.097	0.143	0.259	0.259	NR	NR	NR
W21x50	0.84	0.090	0.090	0.143	0.241	0.241	NR	NR	NR
W21x57	0.95	0.083	0.086	0.143	0.223	0.223	NR	NR	NR
W21x62	0.95	0.083	0.086	0.143	0.222	0.222	NR	NR	NR
W21x68	1.04	0.078	0.079	0.143	0.210	0.210	NR	NR	NR
W21x73	1.11	0.074	0.074	0.143	0.200	0.200	NR	NR	NR
W21x83	1.26	0.068	0.068	0.143	0.184	0.184	NR	NR	NR
W21x93	1.40	0.063	0.063	0.143	0.170	0.170	NR	NR	NR

CARBOLINE CO — Type Firefilm S3. Investigated for Interior Condition Space Purpose and Interior General Purpose.(See Item 11)

8. **Spray-Apllied Fire Resistive Materials* —** Applied to steel floor units (Item 3) by, mixing with water and spraying to steel surfaces which must be clean and free of dirt, loose scale and oil. Min avg and min ind density of 15/14 pcf respectively for the Type 15 and 15-High Yield, 22/18 pcf, respectively for the Type 22, 40/37 pcf respectively for the Type 40, 28/25 pcf respectively for the Type 239, 4.5/42 respectively for the 240 High Yield, and 55/50 respectively for the Type 241. For method of density determination, refer to Design Information Section. May be used only in general floor areas without concrete penetrations with all fluted steel floor units or blends consisting of one or more fluted units to one 24 in. wide max cellular unit, 1-1/2 or 3 in. deep, with cells spaced approx 6 and 8 in. respectively. Use of steel studs with discs (Item 10) is required on all cellular units with flat plate on the bottom, optional on other steel surfaces.

The following thickness of material is required on the steel floor units for the various Restrained and Unrestrained Assembly Ratings:

Restrained Assembly Rating	Unrestrained Assembly Rating	Min Thk of Spray Applied Fire Resistive Mtl (In.)*			
		Crests	Valey	Flat Plate	
1 and 2	Hr.** 1	3/8	3/8	3/8	
2	1-1/2 or 2	3/8	3/8	3/8	
3	1-1/2 or 2	11/16	1/2	1/2	
4	2 or 3a	1-1/2	1-1/8	NR	
4	2 or 3b	1-7/16	13/16	NR	

Hr.*** |

*Where metal lath (Item 9) is required thickness of material shall be measured to the face of the lath

** Min thickness of 1/2 in. is required in crests of 1-1/2 in. deep fluted units for a 2 Hr. Restrained Assembly Rating

*** Unrestrained Beam Rating (See Item 7) shall be equal to the Unrestrained Assembly Rating a)Floor constructed of lightweight concrete only.

b)Floor constructed of normal weight concrete only.

CARBOLINE CO — Types 15, 15-High Yield, 22, 40, 239, 240-High Yield, 241

CARBOLINE KOREA LTD — Types 15, 15-High Yield, 22, 40, 239, 240-High Yield,241
CARBOLINE (INDIA) PVT LTD — Types 15, 15-High Yield, 22, 40, 239, 240-High Yield, 241, CDC Crete 15, CDC Crete 15-High Yield, CDC Crete 22, CDC Crete 40, CDC Crete 239, CDC Crete 240-High Yield, CDC Crete 241.

STONCOR MIDDLE EAST L L C — Types 15, 15-High Yield, 22, 40, 239, 240-High Yield,241

STONCOR SOUTH CONE S A — Types 15, 15-High Yield, 22, 40, 239, 240-High Yield,241

9. **Metal Lath (not shown) —** Where Types 40, 239, 240 High-Yield and 241 are applied to steel deck, fluted or cellular, 3/8 in. metal ribbed lath weighing 3.4 lb/yd be secured to the underside of the steel deck (ribs upward) with S-12 by 3/8 in. long panhead, self- tapping steel screws spaced 12 in. OC in all directions. Steel screws shall be fitted with 1/2 in. diameter steel washers. Adjacent pieces of lath shall be overlapped 1 in. minimum. Entire surface of deck shall be lathed.

10. **Steel Studs With Discs —** For use with Types 15, 15-High Yield and 22, studs consist of No. 12 SWG steel wire welded to 1-3/16 in. diameter No. 28 MSG galvanized steel disc. The ends of the studs opposite the disc shall be welded to the cellular floor units. The spacing of the rows shall not exceed 22 in. Spacing between studs along the rows shall not exceed 24 in. The total number of studs shall average not less than one stud per 236 in.llular floor units.

11. **Top Coat —** Not required for Interior Conditioned space purpose. For Interior General Purpose Type Carboguard 1340 or Rustbond Penetrating Sealer

intermediate coat applied over the base coat at
1.2 in. thickness and Type Carbothane 133HB top-coat, Type Carbocrylic 3359 top-coat or Type Carbothane 133VOC top-coat or Carbothane 133MC top-coat applied over the intermediate coat at
1.3 in. thickness.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2015-05-13

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PHASE 2 - BUILDING AND LANDSCAPING

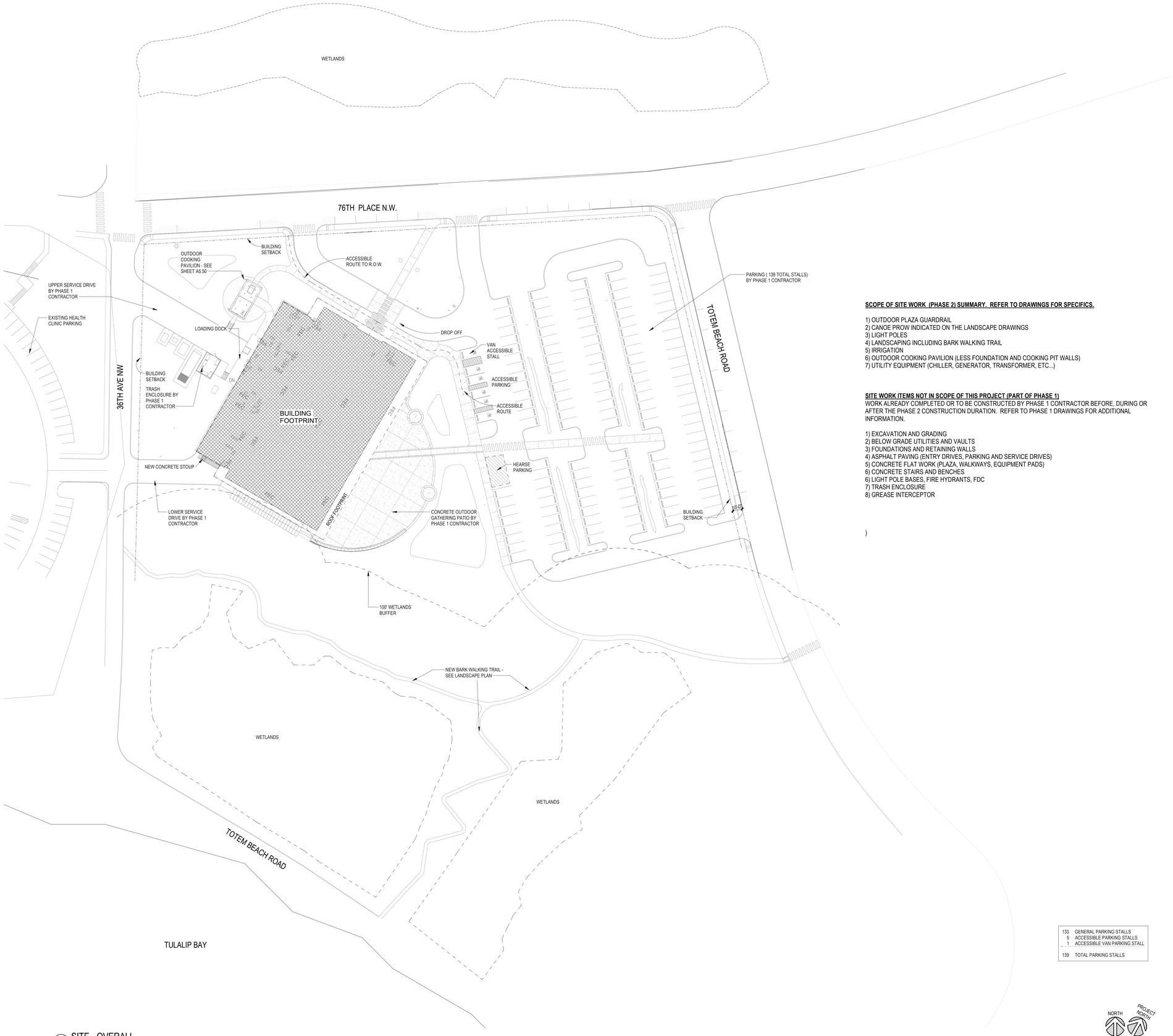
UL FIRE RATED ASSEMBLIES

ISSUANCE

No.	Description	Date
	PH 2 BID SET	10/08/18
	PH 2 PERMIT COMMENTS	12/12/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: DC

SHEET NO
A0.24



1 SITE - OVERALL
1" = 40'-0"

SCOPE OF SITE WORK (PHASE 2) SUMMARY. REFER TO DRAWINGS FOR SPECIFICS.

1) OUTDOOR PLAZA GUARDRAIL
2) CANOE PROW INDICATED ON THE LANDSCAPE DRAWINGS
3) LIGHT POLES
4) LANDSCAPING INCLUDING BARK WALKING TRAIL
5) IRRIGATION
6) OUTDOOR COOKING PAVILION (LESS FOUNDATION AND COOKING PIT WALLS)
7) UTILITY EQUIPMENT (CHILLER, GENERATOR, TRANSFORMER, ETC...)

SITE WORK ITEMS NOT IN SCOPE OF THIS PROJECT (PART OF PHASE 1)
WORK ALREADY COMPLETED OR TO BE CONSTRUCTED BY PHASE 1 CONTRACTOR BEFORE, DURING OR AFTER THE PHASE 2 CONSTRUCTION DURATION. REFER TO PHASE 1 DRAWINGS FOR ADDITIONAL INFORMATION.

1) EXCAVATION AND GRADING
2) BELOW GRADE UTILITIES AND VAULTS
3) FOUNDATIONS AND RETAINING WALLS
4) ASPHALT PAVING (ENTRY DRIVES, PARKING AND SERVICE DRIVES)
5) CONCRETE FLAT WORK (PLAZA, WALKWAYS, EQUIPMENT PADS)
6) CONCRETE STAIRS AND BENCHES
6) LIGHT POLE BASES, FIRE HYDRANTS, FDC
7) TRASH ENCLOSURE
8) GREASE INTERCEPTOR

)

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PHASE 2 - BUILDING AND LANDSCAPING

ARCHITECTURAL SITE PLAN

ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 1 CONFORM SET	10/14/19
	PH 2 CONFORM SET	10/14/19
	PH 1 RECORD SET	06/01/20
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
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PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO
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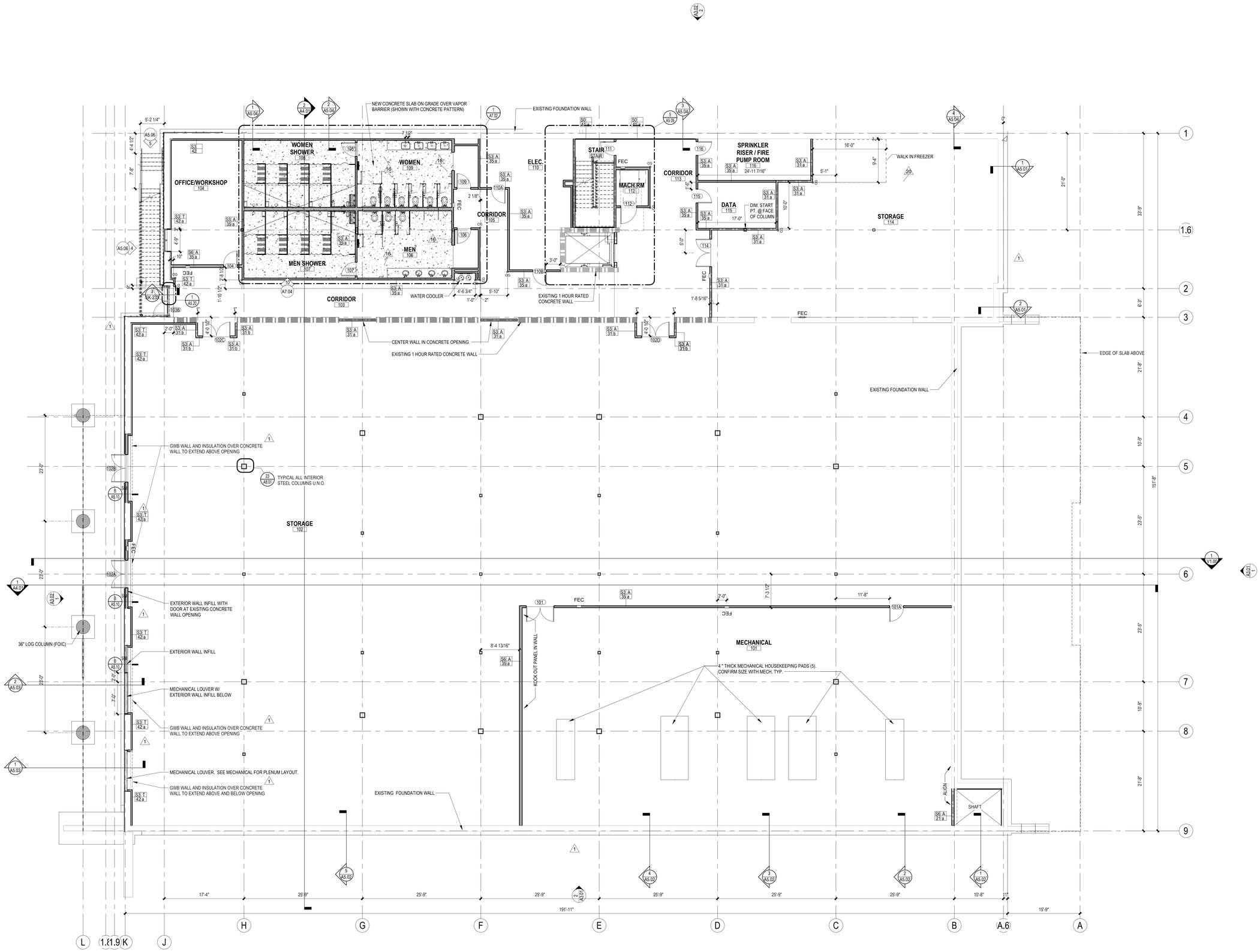

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PHASE 2 - BUILDING AND LANDSCAPING

LOWER LEVEL FLOOR PLAN

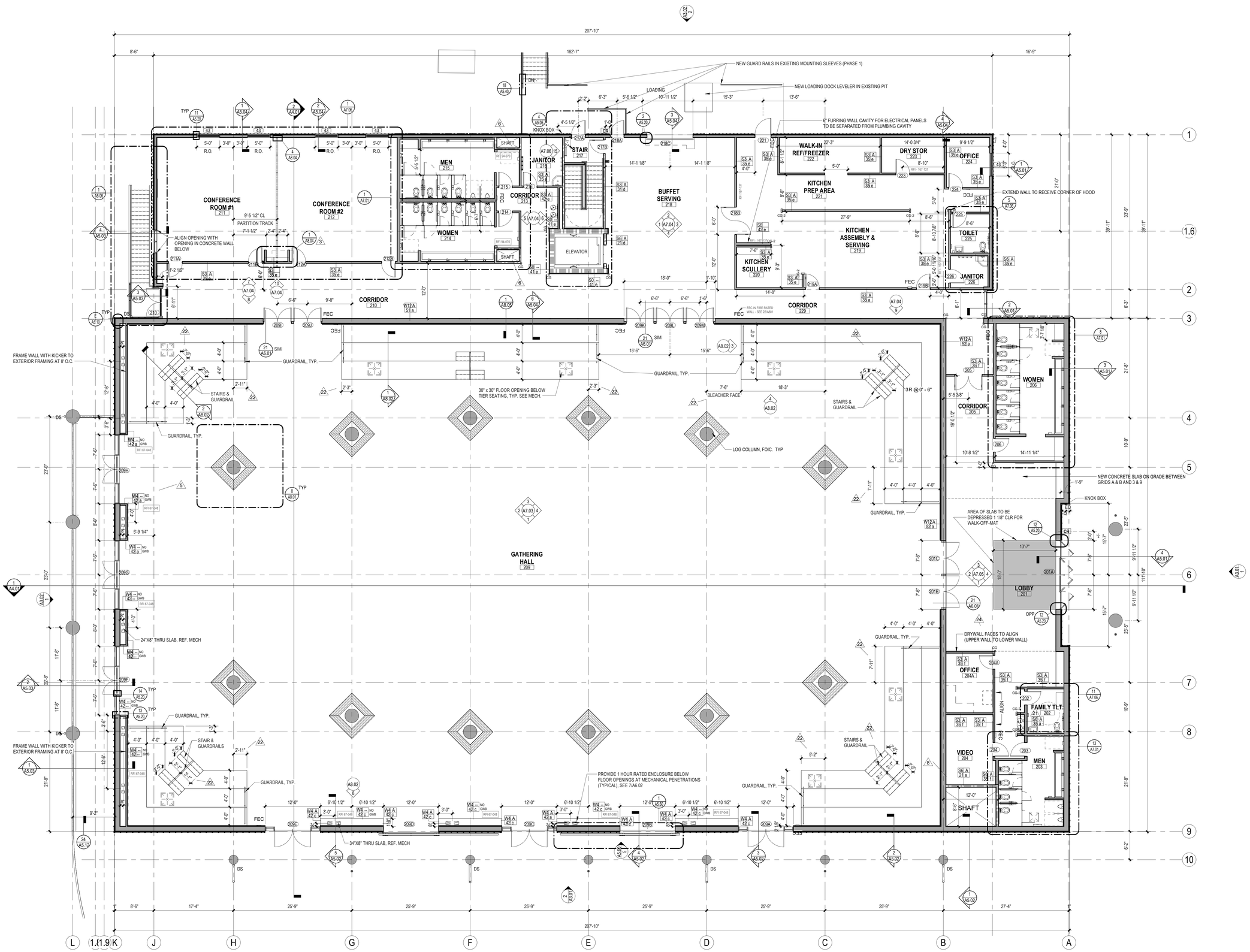
ISSUANCE

No.	Description	Date
	SITE AND FOUNDATION PERMIT SET	04/09/18
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 4	11/28/18
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
16	PH 2 CCD 10	9/24/19
	PH 2 CONFORM SET	10/14/19
20	PH 2 CCD 12	11/20/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO

A2.11



1 FLOOR PLAN - MAIN LEVEL
1/8" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

MAIN LEVEL FLOOR PLAN

ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT COMMENTS	12/12/18
	ADDENDUM 7	01/04/19
	PH 2 PERMIT REVIEW 2019	01/04/19
3	PH 2 ASI 3	06/19/19
5	RFI 87-065	07/02/19
6	RFI 94-070	06/28/19
8	RFI 102-069	06/28/19
12	PH 2 CCD 5	08/22/19
	PH 2 CONFORM SET	10/14/19
21	PH 2 CCD 13	12/10/19
22	PH 2 ASI 6	01/06/20
24	PH 2 CCD 15	03/02/20
	PH 2 RECORD SET	06/02/20

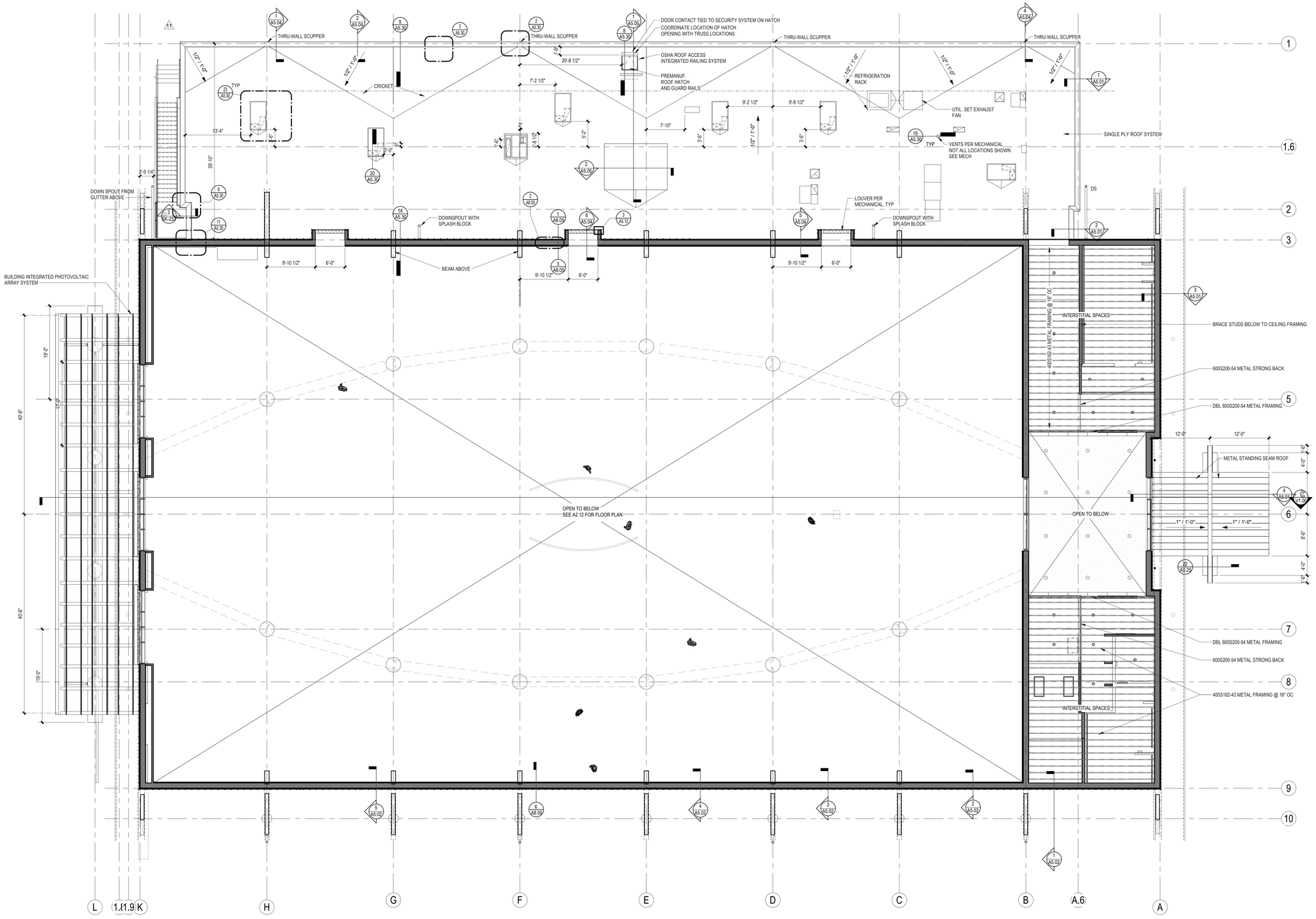
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO

A2.12

LOW ROOF DOWNSPOUT SIZING (PER SMACNA GUIDELINES)

LOW ROOF DOWNSPOUTS -
PLAIN AREA = 7,067 SQ. FT.
PER TABLE 1-1 OF SMACNA - DESIGN AREA FOR PITCHED ROOF FACTOR IS 1.00
DESIGN AREA OF ROOF = 7,067 SQ FT + LOAD FROM UPPER ROOF (SEE CALC ON A2.14) OF 9,072 SQ FT
TOTAL LOAD = 16,139 SQ FT
(4) DOWNSPOUTS ARE LOCATED EQUALLY SPACED ON FLAT ROOF, MAKING THE AREA SERVED BY EACH DOWNSPOUT 4,035 SQ. FT.
PER COLUMN B OF TABLE 1-2, THE ROOF AREA DRAINED PER DOWNSPOUT IN SEATTLE, WA (WITH AN INTENSITY FACTOR OF 3.3 INHR) IS 360 SQ. FT / SQ. IN.
4,035 SQ. FT. / 360 = 11.21 SQ. IN. REQ PER DOWNSPOUT
PER TABLE 1-3, A 5" PLAIN ROUND DOWNSPOUT PROVIDES AN AREA OF 17.71 SQ IN. DESIGN TO UTILIZE 5" PLAIN ROUND DOWNSPOUTS



1 LOW ROOF AND CANOPY PLAN
1/8" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

LOW ROOF PLAN

ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	PH 2 PERMIT COMMENTS	12/12/18
	PH 2 PERMIT REVIEW 2019	01/04/19
11	PH 2 CCD 4	08/13/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO

A2.13

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HIGH ROOF DOWNSPOUT AND GUTTER SIZING (PER SMACNA GUIDELINES)

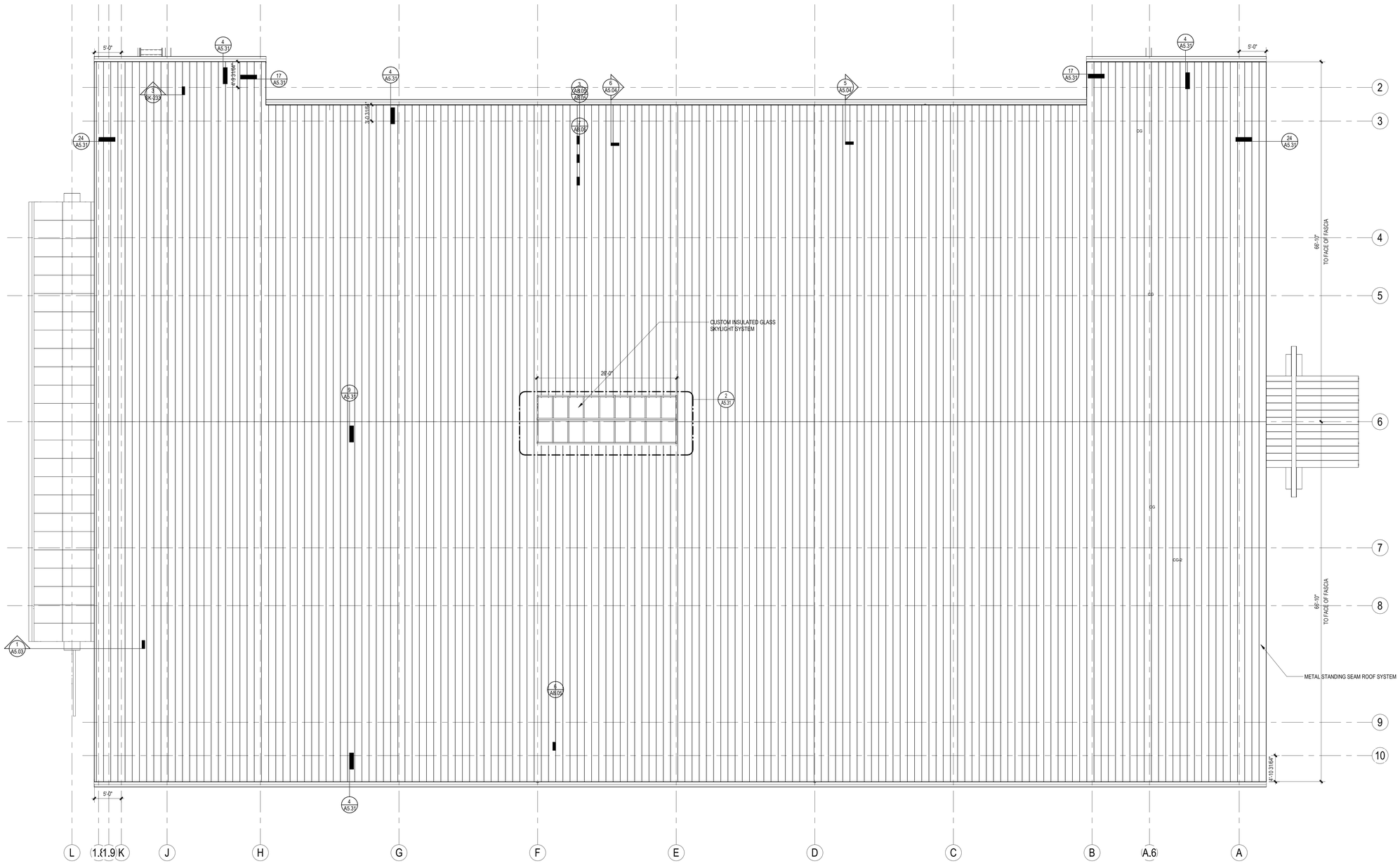
EAST HIGH ROOF DOWNSPOUTS -
PLAIN AREA - 67'-0" X 217'-9" = 14,590 SQ. FT.
PER TABLE 1-1 OF SMACNA - DESIGN AREA FOR PITCHED ROOF FACTOR OF 3 IN/FT IS A FACTOR OF 1.00
DESIGN AREA OF ROOF = 14,590 SQ. FT.
(3) DOWNSPOUTS ARE LOCATED EQUALLY SPACED ON EAST ROOF. MAKING THE AREA SERVED BY EACH DOWNSPOUT 4,864 SQ. FT.
PER COLUMN B OF TABLE 1-2, THE ROOF AREA DRAINED PER DOWNSPOUT IN SEATTLE, WA (WITH AN INTENSITY FACTOR OF 3.3 IN/HR) IS 360 SQ. FT / SQ. IN.
4,864 SQ. FT. / 360 = 13.51 SQ. IN. REQ PER DOWNSPOUT
PER TABLE 1-3, A 5" PLAIN ROUND DOWNSPOUT PROVIDES AN AREA OF 17.71 SQ IN. DESIGN TO UTILIZE 5" PLAIN ROUND DOWNSPOUTS

EAST HIGH ROOF GUTTER SIZING -
AREA (A) OF EAST ROOF IS 14,590 SQ. FT
RAINFALL INTENSITY FACTOR (I) PER TABLE 1-2 IS 3.3 IN/HR
I X A = 48,147
LENGTH (L) OF GUTTER AT MAX = 38'-3"
RATIO (M) OF DEPTH/WIDTH OF GUTTER = 1.0
PER CHART 1-1, THE MIN. WIDTH OF GUTTER IS 10" FOR RECTANGULAR GUTTER

WEST HIGH ROOF -
PLAIN AREA - (67'-0" X 217'-9") - (8'-0" X 152'-6") = 13,370 SQ. FT.
PER TABLE 1-1 OF SMACNA - DESIGN AREA FOR PITCHED ROOF FACTOR OF 3 IN/FT IS A FACTOR OF 1.00
DESIGN AREA OF ROOF = 13,370 SQ. FT.
(4) DOWNSPOUTS ARE NOT LOCATED EQUALLY SPACED ON WEST ROOF, DUE TO THE IRREGULAR SHAPE. THE LARGEST AREA SERVED PER DOWNSPOUT IS 9072 SQ FT / 2 = 4536 SQ FT
PER COLUMN B OF TABLE 1-2, THE ROOF AREA DRAINED PER DOWNSPOUT IN SEATTLE, WA (WITH AN INTENSITY FACTOR OF 3.3 IN/HR) IS 360 SQ. FT / SQ. IN.
4,536 SQ. FT. / 360 = 12.6 SQ. IN. REQ PER DOWNSPOUT
PER TABLE 1-3, A 5" PLAIN ROUND DOWNSPOUT PROVIDES AN AREA OF 17.71 SQ IN. DESIGN TO UTILIZE 5" PLAIN ROUND DOWNSPOUTS

WEST HIGH ROOF GUTTER SIZING -
AREA (A) OF EAST ROOF IS 13,370 SQ. FT
RAINFALL INTENSITY FACTOR (I) PER TABLE 1-2 IS 3.3 IN/HR
I X A = 44,121
LENGTH (L) OF GUTTER AT MAX = 46'-3"
RATIO (M) OF DEPTH/WIDTH OF GUTTER = 1.0
PER CHART 1-1, THE MIN. WIDTH OF GUTTER IS 10" FOR RECTANGULAR GUTTER

SEE SHEET A2.13 FOR LOW ROOF PLAN



1 HIGH ROOF PLAN
1/8" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

HIGH ROOF PLAN

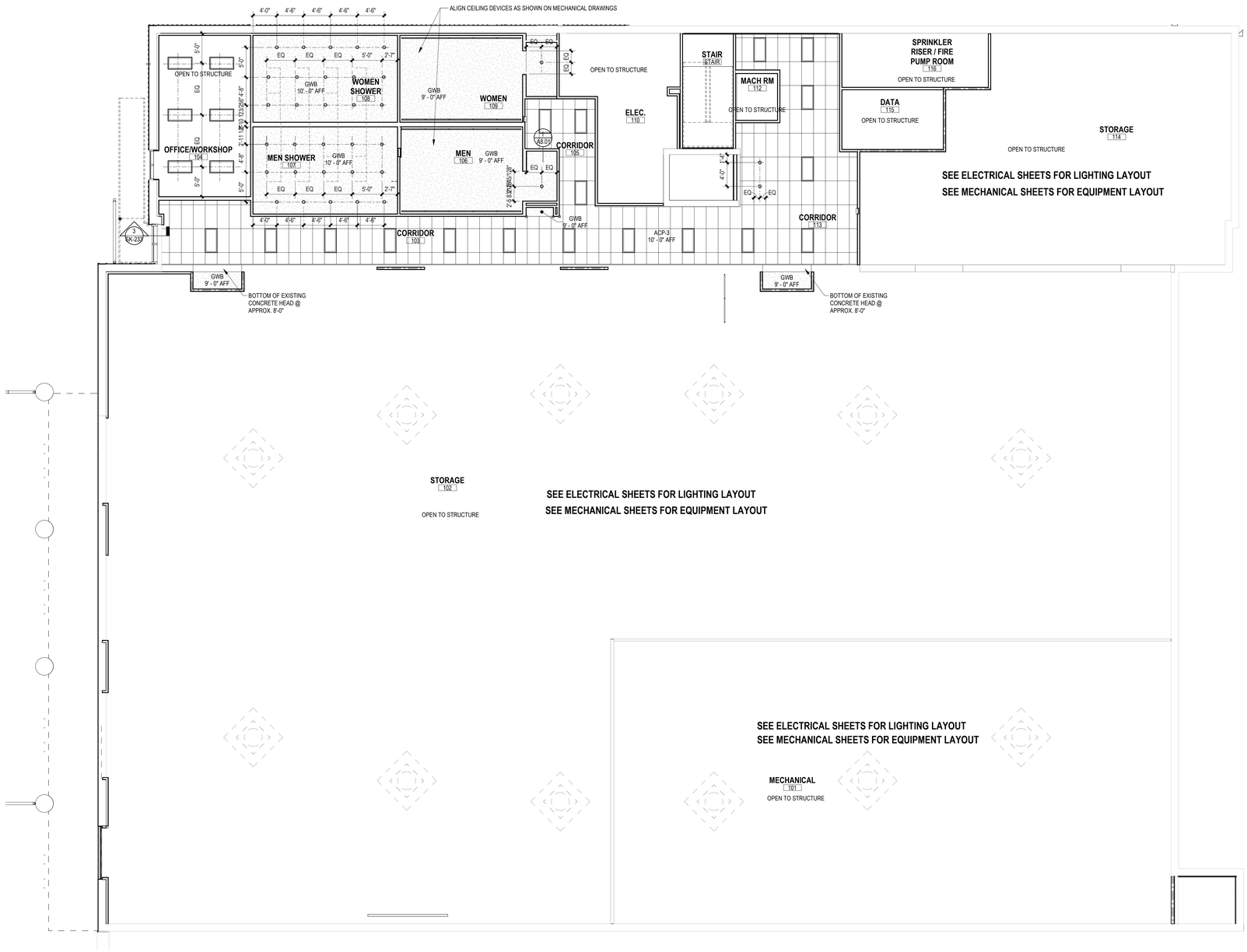
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT COMMENTS	12/12/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO
A2.14

Key Value	Keynote Text



*SEE ELECTRICAL PLANS FOR EXIT LIGHT LOCATIONS

1 LOWER LEVEL - REFLECTED CEILING PLAN
1/8" = 1'-0"

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3626 REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

LOWER LEVEL CEILING PLAN

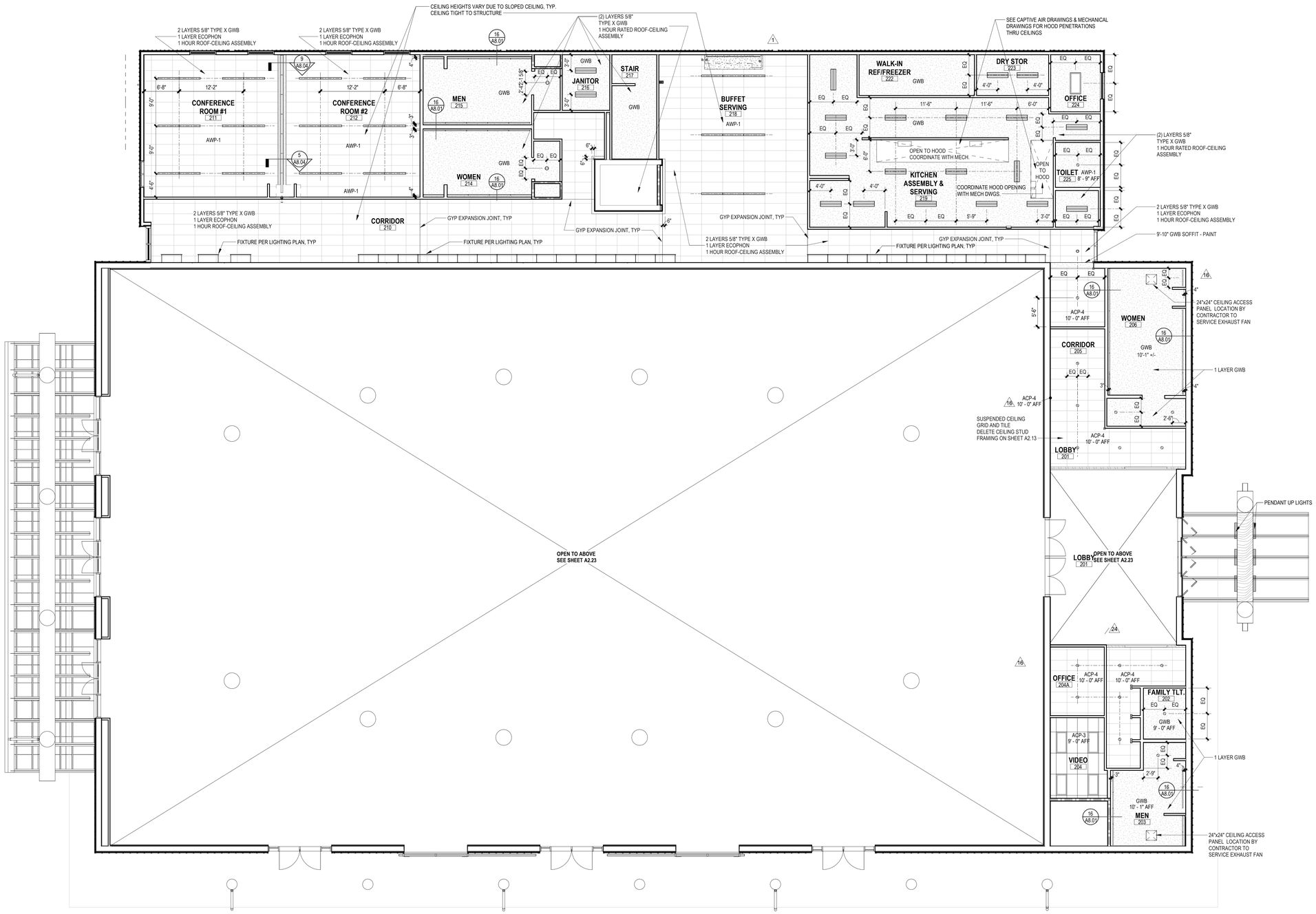
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: JLO

SHEET NO

A2.21



1 REFLECTED CEILING PLAN - MAIN LEVEL (LOW CEILINGS)
1/8" = 1'-0"

***SEE ELECTRICAL PLANS FOR EXIT LIGHT LOCATIONS**

NORTH

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PHASE 2 - BUILDING AND LANDSCAPING

MAIN LEVEL LOW CEILING PLAN

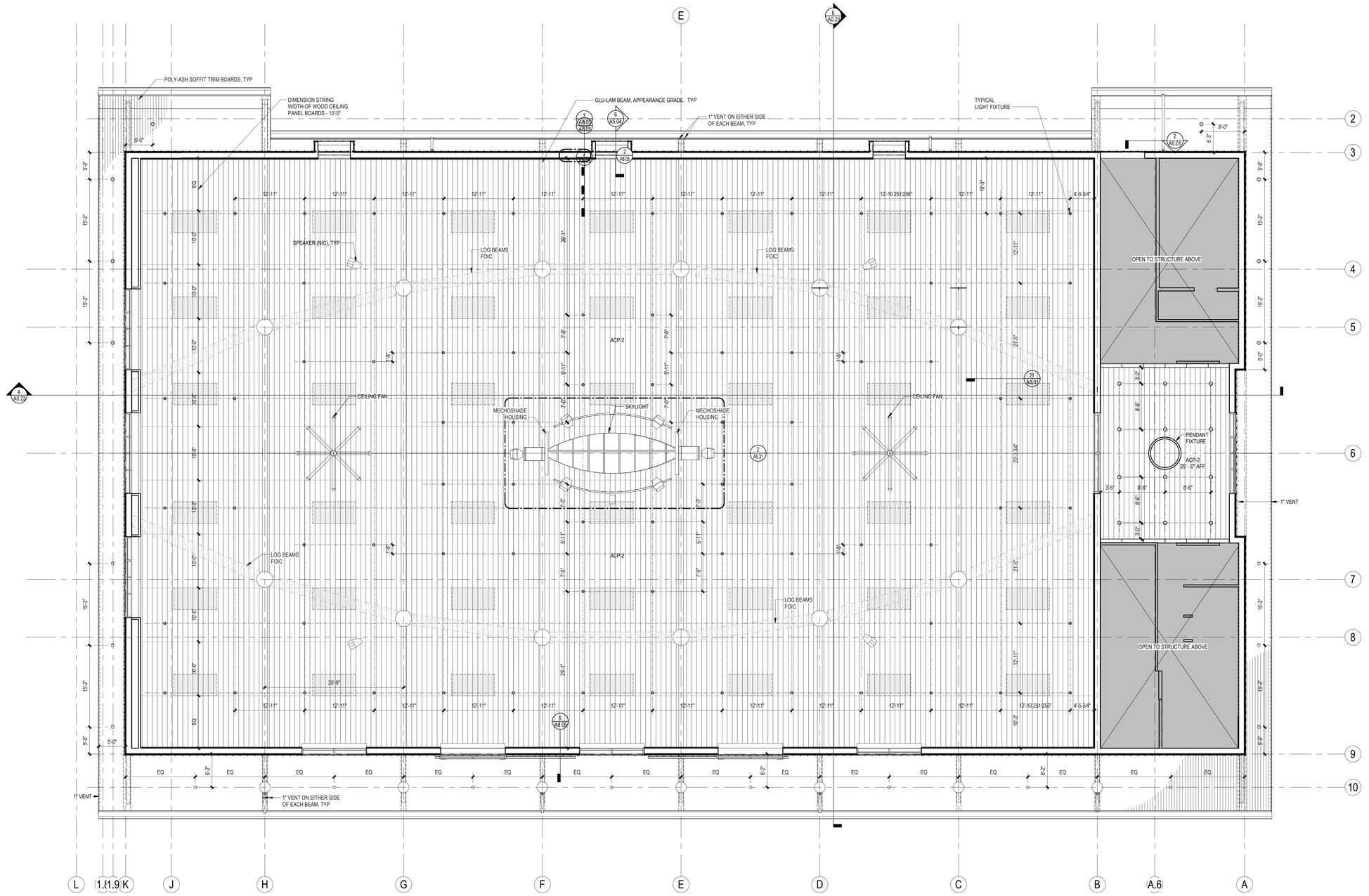
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
16	PH 2 CCD 10	9/24/19
	PH 2 CONFORM SET	10/14/19
24	PH 2 CCD 15	03/02/20
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: JLO

SHEET NO

A2.22



1 REFLECTED CEILING PLAN - MAIN LEVEL (HIGH CEILING)
1/8" = 1'-0"

*SEE ELECTRICAL PLANS FOR EXIT LIGHT LOCATIONS

NORTH

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PHASE 2 - BUILDING AND LANDSCAPING

MAIN LEVEL HIGH CEILING PLAN

ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: JLO

SHEET NO

A2.23

MATERIAL FINISH LEGEND

NAME	MATERIAL DESCRIPTION	MANUFACTURER	MATERIAL STYLE/SERIES	COLOR/TEXTURE	SIZE	REMARKS/INSTRUCTIONS	CONTACT
ACOUSTIC CEILING PANEL							
ACP-1	ACOUSTICAL CEILING PANEL	CERTAINTEED	ECOPHON - FOCUS F - 3542 2801	TEXTURED - SMOOTH - SILVER STONE	24" X 48" X 9/16"		
ACP-2	WOOD ACOUSTICAL CEILING	RULON OR 9WOOD	GRILLE SLATTED CEILING SYSTEM - PG-4-21-22W	POPLAR WOOD - FINISH TO BE HONEY	10' L PANELS X 24" W		
ACP-3	ACOUSTICAL CEILING PANEL	CERTAINTEED	BAROQUE - BET-197	WHITE	24" X 48" X 5/8"		
16 ACP-4	ACOUSTICAL CEILING PANEL	ARMSTRONG	ULTIMA HIGH NRC - 1943 - SQUARE EDGE LAY-IN.	WHITE	24" X 48" X 7/8"	INSTALL WITH 9/16" GRID	
BASE							
B-1	WOOD BASE	MILLWORK	1 X 6 WESTERN RED CEDAR	SEMI-TRANSPARENT FINISH - MATCH ARCHITECTS SAMPLE	1" W X 6" H	INSTALLED AT ALL LOCATIONS PER PLAN	
B-2	SELF-COVED BASE	ALTRO	ALTRO STRONGHOLD 30	SKYLINE K30332	6" UP WALL	IN KITCHEN	
CARPET							
CPT-1	CARPET TILE	SHAW INDUSTRIES	INGRAIN TILE - ALTERNATURE	59339 - QUINCE 3950-4	24" X 24"	INSTALLATION METHOD - QUARTER TURN	
CPT-2	CARPET TILE	SHAW INDUSTRIES	ENTWINE TILE - ALTERNATURE	59337 - QUINCE 78504	24" X 24"	INSTALLATION METHOD - MONOLITHIC	
CONCRETE STAIN							
CONC-1	CONCRETE FLOOR	H&C	POLISHED				
CONC-2	CONCRETE FLOOR	H&C	SEALED				
CORNER GUARD							
CG-1	90 DEGREE CORNER GUARD	CS CONSTRUCTION SPECIALTIES	ACROVYN CORNER GUARD - HEAVY DUTY - STAINLESS STEEL	CO-8 - 2" LEG	8' TALL		
CG-2	END CAP	CS CONSTRUCTION SPECIALTIES	ACROVYN CORNER GUARD - HEAVY DUTY - STAINLESS STEEL	SCO-8 - 2" LEG	8' TALL		
FILM							
F-1 - NOT USED	WINDOW FILM	3M	FASARA	SEMI-TRANSPARENT FILM			
METAL							
M-1	BLACKENED STEEL METAL	COMPANY K	BLACKENED STEEL	OXIDE FINISH	1/8" GAUGE	SHOP APPLIED CLEAR FLAT POLANE FINISH	
PAINT							
P-1/EP-1	GENERAL WALL PAINT/EPOXY PAINT	BENJAMIN MOORE	HALO	OC-46		GENERAL WALL PAINT - ALL WALLS NOT INDICATED	
P-2/EP-2	GENERAL WALL PAINT	SHERWIN WILLIAMS	ANONOMOUS GREY	SW 7046	CORRIDOR WALLS AS INDICATED		
P-3/EP-3	ACCENT PAINT/EPOXY PAINT	SHERWIN WILLIAMS	SERENGETI GRASS	SW 9116	EPOXY PAINT USED AT TOILET WALLS & CEILINGS	LOCATION: WOMEN'S TOILET ACCENT PAINT	
P-4/EP-4	ACCENT PAINT/EPOXY PAINT	GLIDDEN - MATER PALLETTE	DRY GOODS	A1852	EPOXY PAINT USED AT TOILET WALLS & CEILINGS	LOCATION: MEN'S TOILET ACCENT PAINT	
P-5	PAINT	SHERWIN WILLIAMS	BLACK FOX	SW 7020		AS NOTED	
P-6	PAINT	SHERWIN WILLIAMS	ROYCROFT COPPER RED	SW 2839	ACCENT PAINT		
P-7/EP-7	PAINT/EPOXY PAINT	SHERWIN WILLIAMS	PAVESTONE	SW 7642	WALLS & TOILET GWB CEILINGS	LOCATION: COLOR TO MATCH CEILING FINISH	
P-8	WHITEBOARD PAINT	SHERWIN WILLIAMS	SKETCH PAD BRY ERASE COATING	KB73C2001	CONFERNCE ROOM WALLS		
P-9	EXTERIOR PAINT	BENJAMIN MOORE	SATCHEL	AF-240	EXTERIOR PAINT	EXTERIOR - MAIN BUILDING	
P-10	EXTERIOR PAINT	BENJAMIN MOORE	WARMED COGNAC	AF-235	EXTERIOR PAINT	EXTERIOR - ANCILLIARY BUILDING	
RESILIENT SHEET							
RS-1	RESILIENT SHEET FLOORING	ALTRO - COMMERCIAL KITCHENS	ALTRO STRONGHOLD 30	SKYLINE - K30332			
RS-2	NOT USED	NOT USED	NOT USED	TBD			
RS-3	FLUID APPLIED FLOORING	DUR-O-TEX	HYBRI-FLEX EQ	FOSSIL			
SOLID SURFACING MATERIAL							
SSM-1	SOLID SURFACING MATERIAL	INPRO CORP	BIOPRISM	PARCHMENT P9058		WOMEN'S SHOWER WALLS	
SSM-2	SOLID SURFACING MATERIAL	INPRO CORP	BIOPRISM	SHORELINE P9083			
SSM-3	SOLID SURFACING MATERIAL	AVONITE	SOLID SURFACING	ALASKAN STONE - 4312		WOMEN'S TOILET ROOMS - COUNTERTOP	
SSM-4	SOLID SURFACING MATERIAL	AVONITE	SOLID SURFACING	MORNING TUNDRA - 7503		MEN'S TOILET ROOMS - COUNTERTOP	
TILE							
T-1	CERAMIC WALL TILE	DALTILE	MODERN DIMENSIONS	0790 - MATTE ARTIC WHITE	4 1/4" X 12 7/8"	TOILET ROOM WALL TILE (FIELD)	
T-2	CERAMIC WALL TILE BASE	DALTILE	MODERN DIMENSIONS	0709 - MATTE - ARCHITECTURAL GRAY	4 1/4" X 12 7/8"	TOILET ROOM BASE	
T-3	CERAMIC WALL TILE	DALTILE	CLIO MOSAICS - ALT. STONE ACCENTS	CL 5 HERA - ALT. DA07 EARTHY BLEND	MOSAIC - VARIES	WOMEN'S TOILET ROOM ONLY	
T-4	CERAMIC WALL TILE	DALTILE	CLIO MOSAICS - ALT. STONE ACCENTS	CL 18 BOREAS - ALT. DA05 BLACK RIVER	MOSAIC - VARIES	MEN'S TOILET ROOM ONLY	
WALL PROTECTION							
WP-1	WALL PROTECTION	CS CONSTRUCTION SPECIALTIES	318 BERRY RED	S100 S/2/S WHITE	SMOOTH	LOWER LEVEL CORRIDOR PROVIDE JOINT CAPS, TOP & BASE ACCESSORIES AS NEEDED	
WP-2	WALL PROTECTION	INPRO CORP	5E026 BRUSHED NICKEL			LOCATION: BUFFET	
WP-3	WALL PROTECTION	INPRO CORP	0117 BEIGE			LOCATION: WOMEN'S TOILET - LOWER LEVEL	
WP-4	WALL PROTECTION	INPRO CORP	5E025 BRUSHED SILVER			LOCATION: MEN'S TOILET - LOWER LEVEL	
WP-5	WALL PROTECTION - FRP	ALTRO - COMMERCIAL KITCHENS	ALTRO PURAGUARD	W134 WHITE	SMOOTH	LOCATION: KITCHEN WALLS	
WP-6	WALL PROTECTION - SS	METAL FABRICATION	STAINLESS STEEL SHEET			LOCATION: KITCHEN WALL - STAINLESS STEEL	
WINDOW TREATMENT							
WT-1	WINDOW TREATMENT - SHADE	MECHOSHADE	THERMOVEIL	5% OPEN 1320 SHADOW GREY	FIELD VERIFY	SEE FINISH PLAN FOR LOCATIONS	
WT-2	WINDOW TREATMENT - BLACKOUT SHADE	MECHOSHADE	EQUINOX BLACKOUT	0108 ONYX	FIELD VERIFY	SEE FINISH PLAN FOR LOCATIONS	
WT-3		MECHOSHADE	EQUINOX BLACKOUT	0108 ONYX	FIELD VERIFY	HORIZONTAL AT SKYLIGHT	
WOOD							
WD-1	WOOD PLANK FLOORING SYSTEM	JUNCKERS HARDWOOD	HARMONY	OAK - ULTRA MATTE URETHANE	7/8" D X 5" W X 12' L		
WD-2	WOOD WALL PANELS	MILLWORK	1 X 6 TIGHT KNOT CEDAR	CEDAR - STAIN TO MATCH ARCHITECTS SAMPLE	1" D X 6" H X LENGTH AS PROVIDED		
WD-3	WOOD WALL PLANKS	MILLWORK	4" & 6" VARIED HEIGHT AND DEPTH WOOD PLANKS	RESAWN TIMBERS - TBD	1" X 4", 1/2" X 4" & 1 1/2" X 6" - VARIES IN LENGTH		
WD-4	WOOD WALL PANELS	ISSAQUAH CEDAR OR EQUAL	VERTICALLY GROOVED WESTERN RED CEDAR - MATCH ARCHITECTS SAMPLE	WESTERN RED CEDAR - SATINED TO MATCH ARCHITECTS SAMPLE	1" X 12' FULL LENGTH - SEE ELEVATION FOR EXACT SIZES NEEDED		
WALK-OFF MAT							
WOM-1	WALK OFF MAT	KADEE	KD-98 - 1 1/8" STAINLESS STEEL GRATE				

FLOOR FINISH LEGEND

- FLUID APPLIED FLOORING - FL-1
- POLISHED CONCRETE - GROUND (6-8 GRINDS) PROVIDE ALLOWANCE FOR AS NEEDED TO REDUCE CRACKING IN SLAB - CONC-1
- WOOD FLOORING - WD-1
- CARPET TILE - CPT-1
- RESILIENT SHEET FLOORING - KITCHEN - RS-1
- ~~RESILIENT SHEET FLOORING - KITCHEN - RS-2~~
- WALK-OFF MAT- LOBBY - WOM-1
- SEALED CONCRETE - CONC-2

FINISH NOTES & FFE&A NOTES

1) ALL EXPOSED WALL SURFACES SHALL BE FINISHED.

2) ALL WALLS SHALL RECEIVE WALL BASE.

3) FLOORING SHALL EXTEND UNDERNEATH ALL (OPEN - NO CASEWORK-BELOW) COUNTERTOP WORK SURFACES.

4) ALL HARD (CERAMIC, STONE, AND SIMILAR) TILE SHALL BE CENTERED ON FLOOR AND/OR ON WALLS.

5) UNLESS OTHERWISE INDICATED: DOORS AND/OR FRAMES FOR PAINT FINISH SHALL BE PAINTED THE SAME COLOR AS THE ROOM. WHERE A DOOR OPENING CONNECTS TWO ROOMS OF DIFFERENT COLORS, PAINT BREAK SHALL OCCUR AT INSIDE CORNER OF DOOR STOP AT DOOR-LEAF SIDE.

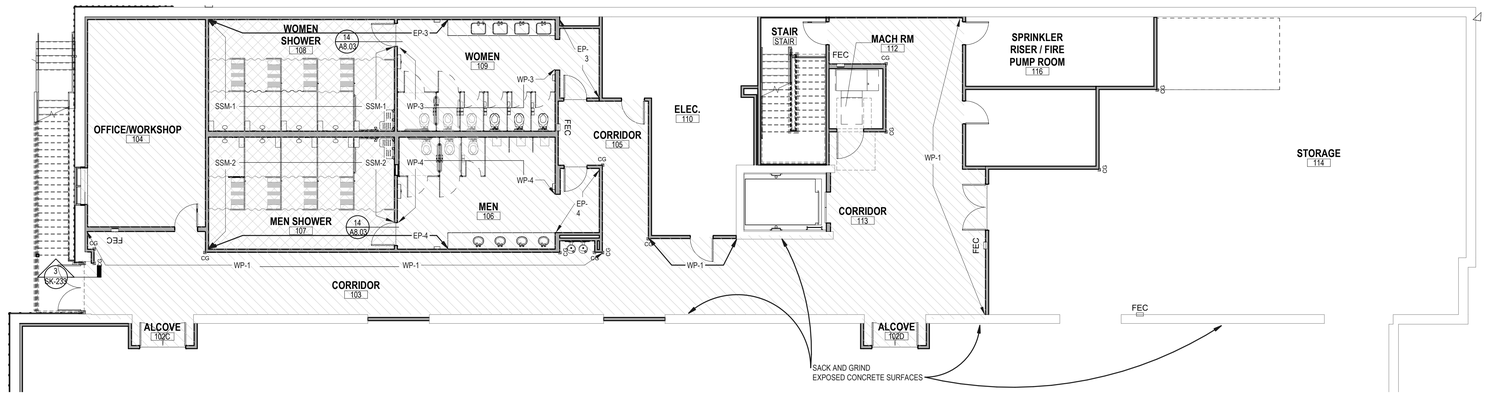
6) WALLCOVERING AT CASEWORK BACKSPLASH AND SIDESPLASHES SHALL BE TUCKED BEHIND THE SPLASH BEFORE APPLICATION OF SEALANT BEAD. SEE ALSO CASEWORK DRAWINGS.

7) CONTRACTOR SHALL CONFIRM DIMENSIONS, LOCATIONS, WEIGHTS, SUPPORT-REQUIREMENTS, AND UTILITY REQUIREMENTS OF ALL OWNER-FURNISHED EQUIPMENT WITH OWNER AND EQUIPMENTS SUPPLIER, PRIOR TO INSTALLATION.

8) WHERE NO MOUNTING HEIGHT IS INDICATED OR SCHEDULED FOR FIXTURES, EQUIPMENT, ACCESSORIES, COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION.

9) UNLESS OTHERWISE INDICATED, CEILING GRIDS ARE DRAWN CENTERED IN THE ROOM AND SHALL BE INSTALLED CENTERED WITHIN THE ROOM AS SHOWN.

10) UNLESS OTHERWISE INDICATED, CEILING-MOUNTED LIGHTS, SPEAKERS, DIFFUSERS, GRILLES, AIR TERMINALS, SPRINKLER HEADS, AND SIMILAR ARE DRAWN CENTERED IN CEILING PANELS OR CENTERED IN ROOM. THESE DEVICES SHALL BE INSTALLED CENTERED WITHIN THE CEILING PANELS AND WITHIN THE ROOMS AS SHOWN.



2 FINISH PLAN - BASEMENT LEVEL
1/8" = 1'-0"

PROJECT NORTH

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PHASE 2 - BUILDING AND LANDSCAPING

LOWER LEVEL FINISH PLAN

ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	PH 2 PERMIT REVIEW 2019	01/04/19
16	PH 2 CCD 10	9/24/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: JLO

SHEET NO

A2.31

FLOOR FINISH LEGEND

- FLUID APPLIED FLOORING - FL-1
- POLISHED CONCRETE - GROUND (6-8 GRINDS) PROVIDE ALLOWANCE FOR AS NEEDED TO REDUCE CRACKING IN SLAB - CONC-1
- WOOD FLOORING - WD-1
- CARPET TILE - CPT-1
- RESILIENT SHEET FLOORING - KITCHEN - RS-1
- ~~RESILIENT SHEET FLOORING - KITCHEN - RS-1~~
- WALK-OFF MAT- LOBBY - WOM-1
- SEALED CONCRETE - CONC-2

FINISH NOTES & FFE&A NOTES

1) ALL EXPOSED WALL SURFACES SHALL BE FINISHED.

2) ALL WALLS SHALL RECEIVE WALL BASE.

3) FLOORING SHALL EXTEND UNDERNEATH ALL (OPEN - NO CASEWORK-BELOW) COUNTERTOP WORK SURFACES.

4) ALL HARD (CERAMIC, STONE, AND SIMILAR) TILE SHALL BE CENTERED ON FLOOR AND/OR ON WALLS.

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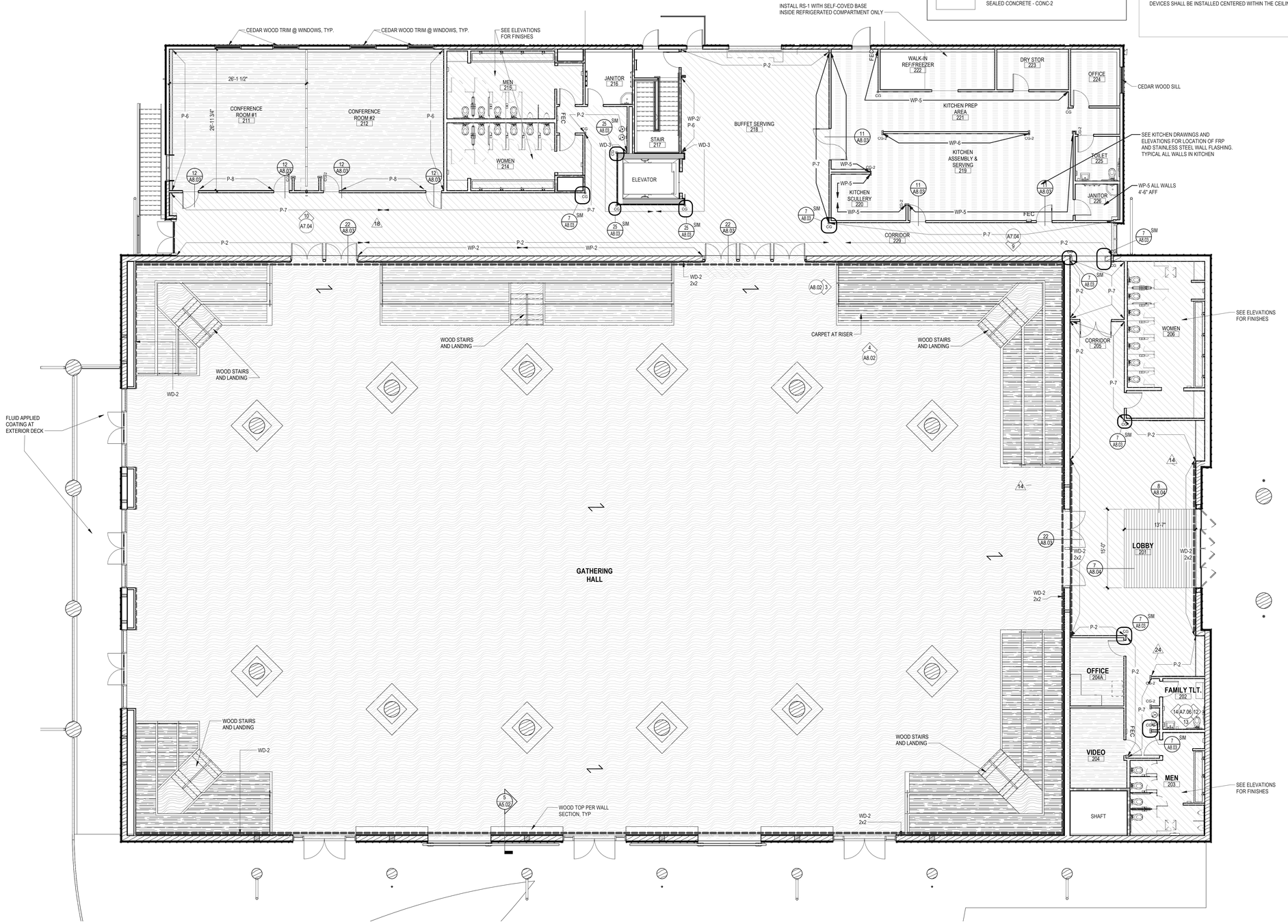
7) CONTRACTOR SHALL CONFIRM DIMENSIONS, LOCATIONS, WEIGHTS, SUPPORT-REQUIREMENTS, AND UTILITY REQUIREMENTS OF ALL OWNER-FURNISHED EQUIPMENT WITH OWNER AND EQUIPMENTS SUPPLIER, PRIOR TO INSTALLATION.

8) WHERE NO MOUNTING HEIGHT IS INDICATED OR SCHEDULED FOR FIXTURES, EQUIPMENT, ACCESSORIES, COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION.

9) UNLESS OTHERWISE INDICATED, CEILING GRIDS ARE DRAWN CENTERED IN THE ROOM AND SHALL BE INSTALLED CENTERED WITHIN THE ROOM AS SHOWN.

10) UNLESS OTHERWISE INDICATED, CEILING-MOUNTED LIGHTS, SPEAKERS, DIFFUSERS, GRILLES, AIR TERMINALS, SPRINKLER HEADS, AND SIMILAR ARE DRAWN CENTERED IN CEILING PANELS OR CENTERED IN ROOM. THESE DEVICES SHALL BE INSTALLED CENTERED WITHIN THE CEILING PANELS AND WITHIN THE ROOMS AS SHOWN.



1 FINISH PLAN - LEVEL 1
1/8" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

MAIN LEVEL FINISH PLAN

ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	PH 2 PERMIT REVIEW 2019	01/04/19
14	PH 2 CCD 9	9/5/2019
18	PH 2 CCD 11	09/25/19
	PH 2 CONFORM SET	10/14/19
24	PH 2 CCD 15	03/02/20
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: JLO

SHEET NO

A2.32

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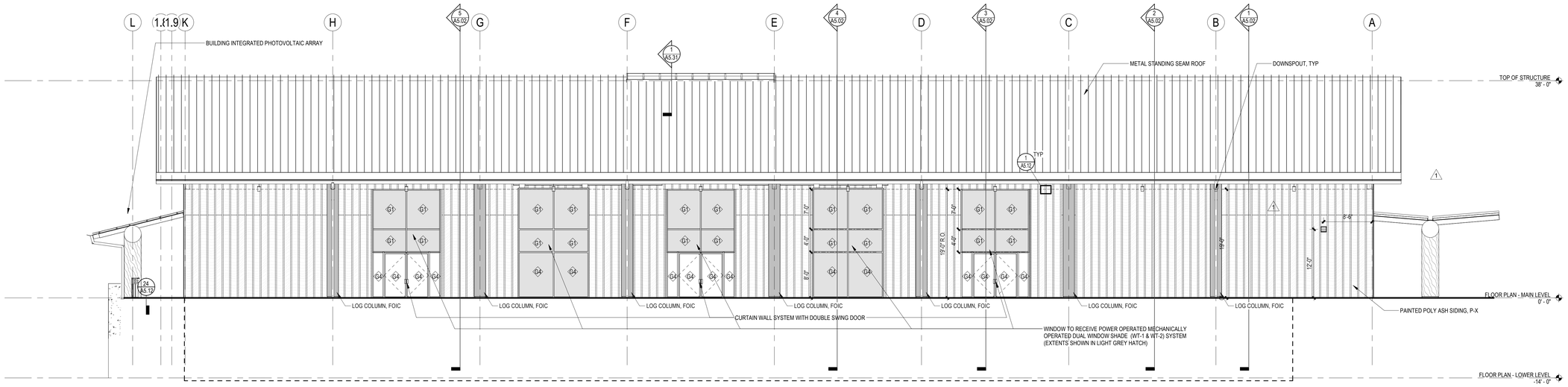
BUILDING COMPONENT PERFORMANCE

STOREFRONT ENTRANCE DOOR:
SOLAR HEAT GAIN COEFFICIENT ASSEMBLY (SHGC) MINIMUM = 0.40
ASSEMBLY U-FACTOR = 0.38 (OR LOWER)

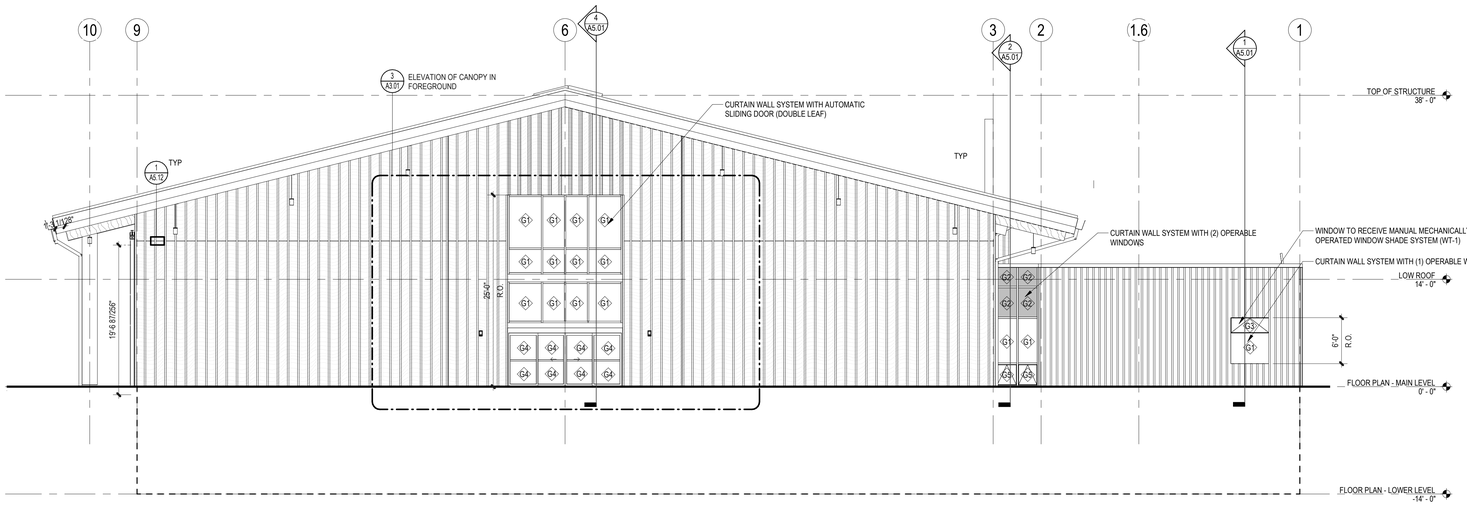
STOREFRONT SYSTEM / WINDOW:
SOLAR HEAT GAIN COEFFICIENT ASSEMBLY (SHGC) MINIMUM = 0.40
ASSEMBLY U-FACTOR = 0.60 (OR LOWER)

GLAZING LEGEND

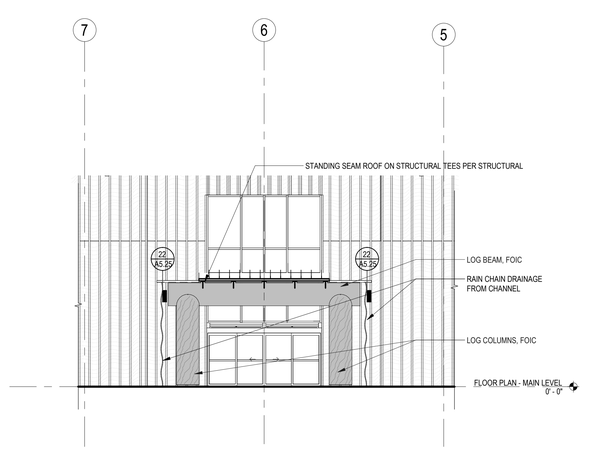
TAG	DESCRIPTION	COMMENTS
G1	INSULATED CLEAR	
G2	INSULATED SPANDREL	
G3	INSULATED CLEAR	OPERABLE
G4	INSULATED CLEAR SAFETY GLASS	
G5	INSULATED CLEAR SAFETY GLASS	OPERABLE AWNING



2 EAST ELEVATION
1/8" = 1'-0"



1 NORTH ELEVATION
1/8" = 1'-0"



3 NORTH ELEVATION - ENTRY CANOPY
1/8" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

EXTERIOR ELEVATIONS

ISSUANCE

No.	Description	Date
	SITE AND FOUNDATION PERMIT SET	04/09/18
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO
A3.01

LOW ROOF DOWNSPOUT SIZING (PER SMACNA GUIDELINES)

LOW ROOF DOWNSPOUTS -
PLAIN AREA = 7,067 SQ. FT.
PER TABLE 1-1 OF SMACNA - DESIGN AREA FOR PITCHED ROOF FACTOR IS 1.00
DESIGN AREA OF ROOF = 7,067 SQ FT + LOAD FROM UPPER ROOF (SEE CALC ON A2.14) OF 9,072 SQ FT
TOTAL LOAD = 16,139 SQ FT
(4) DOWNSPOUTS ARE LOCATED EQUALLY SPACED ON FLAT ROOF, MAKING THE AREA SERVED BY EACH DOWNSPOUT 4,035 SQ. FT.
PER COLUMN B OF TABLE 1-2, THE ROOF AREA DRAINED PER DOWNSPOUT IN SEATTLE, WA (WITH AN INTENSITY FACTOR OF 3.3 IN/HR) IS 360 SQ. FT / SQ. IN.
4,035 SQ. FT. / 360 = 11.21 SQ. IN. REQ PER DOWNSPOUT
PER TABLE 1-3, A 5" PLAIN ROUND DOWNSPOUT PROVIDES AN AREA OF 17.71 SQ IN. DESIGN TO UTILIZE 5" PLAIN ROUND DOWNSPOUTS

CONDUCTOR HEADS AT SCUPPERS - PER SMACNA 5TH EDITION, CONDUCTOR HEADS (FIG 1-25C) TO BE APPROX:
FACE WIDTH: 3 TO 4X DOWNSPOUT WIDTH (TO FIT WITHIN CHANNEL, WIDTH TO BE 10" FOR CONDUCTOR HEAD)
FACE DEPTH: 2X DOWNSPOUT WIDTH (8" DEPTH AT CONDUCTOR HEAD)
HEIGHT: 3 TO 4X DOWNSPOUT WIDTH (10" HEIGHT AT CONDUCTOR HEAD)

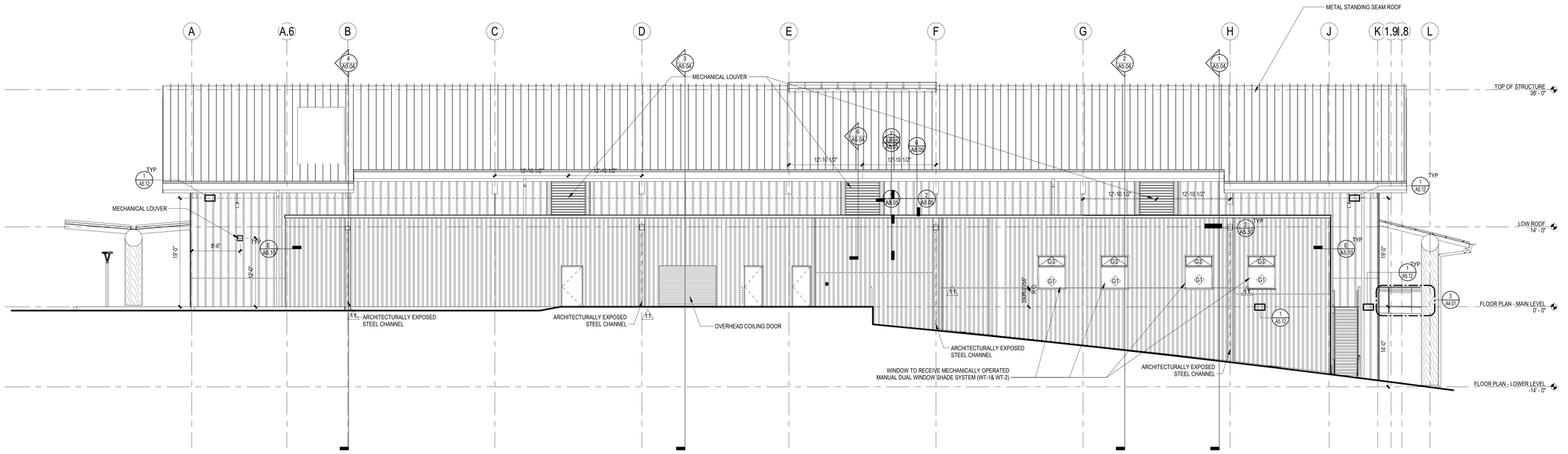
BUILDING COMPONENT PERFORMANCE

STOREFRONT ENTRANCE DOOR:
SOLAR HEAT GAIN COEFFICIENT ASSEMBLY (SHGC) MINIMUM = 0.40
ASSEMBLY U-FACTOR = 0.38 (OR LOWER)

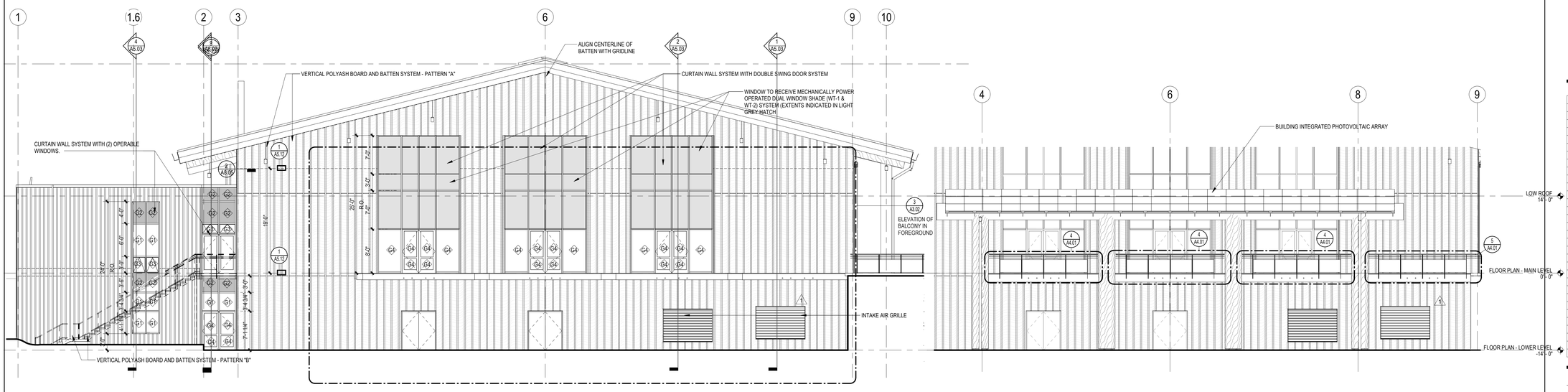
STOREFRONT SYSTEM / WINDOW:
SOLAR HEAT GAIN COEFFICIENT ASSEMBLY (SHGC) MINIMUM = 0.40
ASSEMBLY U-FACTOR = 0.60 (OR LOWER)

GLAZING LEGEND

TAG	DESCRIPTION	COMMENTS
G1	INSULATED CLEAR	
G2	INSULATED SPANDREL	
G3	INSULATED CLEAR	OPERABLE
G4	INSULATED CLEAR SAFETY GLASS	
G5	INSULATED CLEAR SAFETY GLASS	OPERABLE AWNING



2 WEST ELEVATION
1/8" = 1'-0"



1 SOUTH ELEVATION
1/8" = 1'-0"

3 SOUTH ELEVATION - SOUTH BALCONY
1/8" = 1'-0"

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3626 REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

EXTERIOR ELEVATIONS

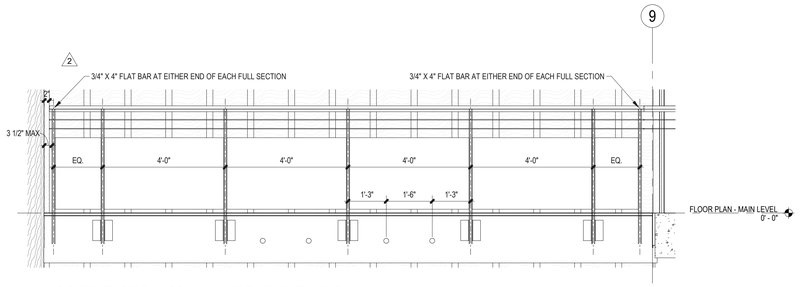
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
11	PH 2 CCD 4	08/13/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

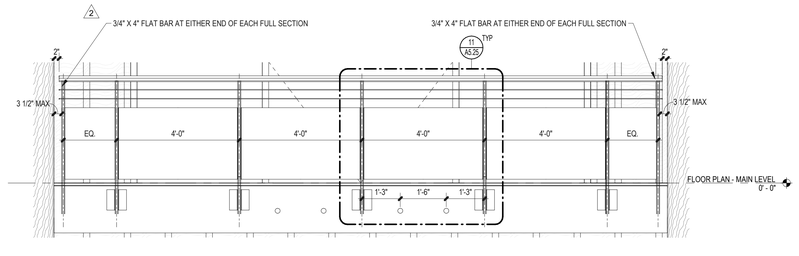
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO

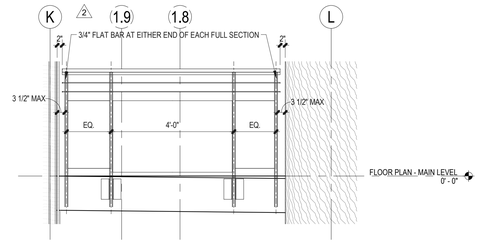
A3.02



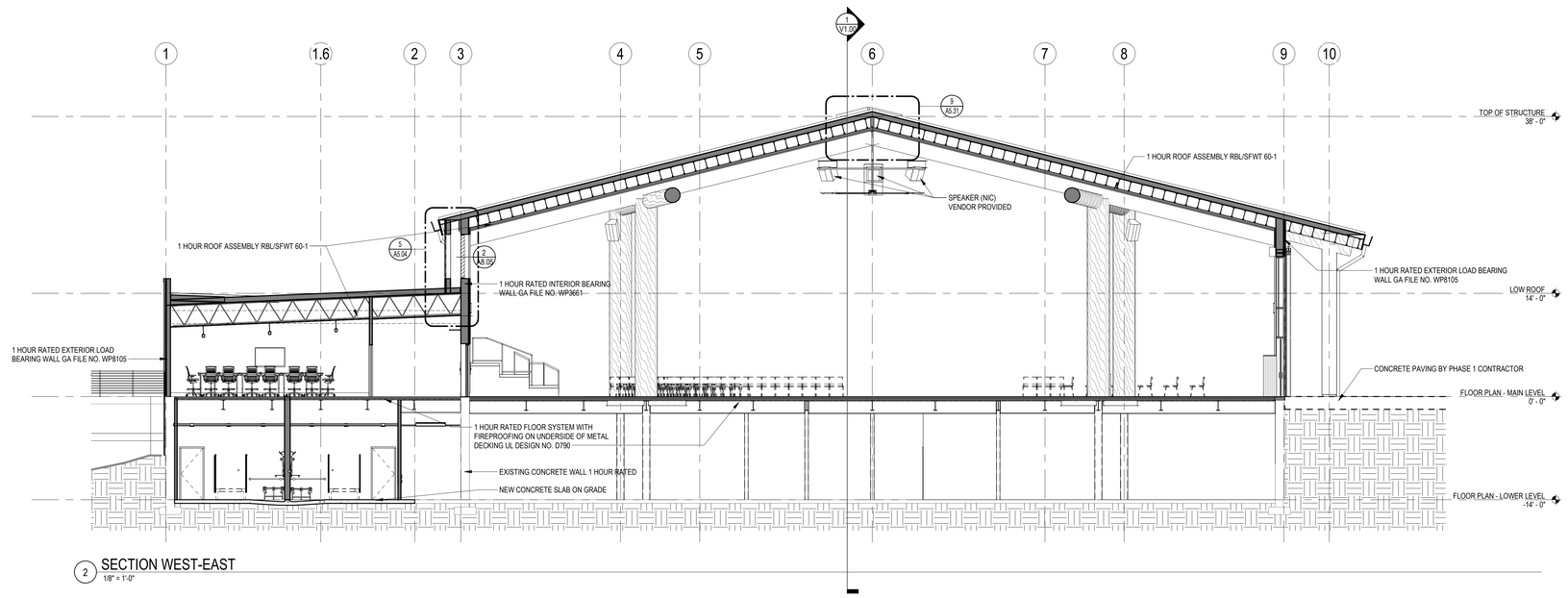
5 SOUTHEAST BALCONY HANDRAIL ELEVATION
1/2" = 1'-0"



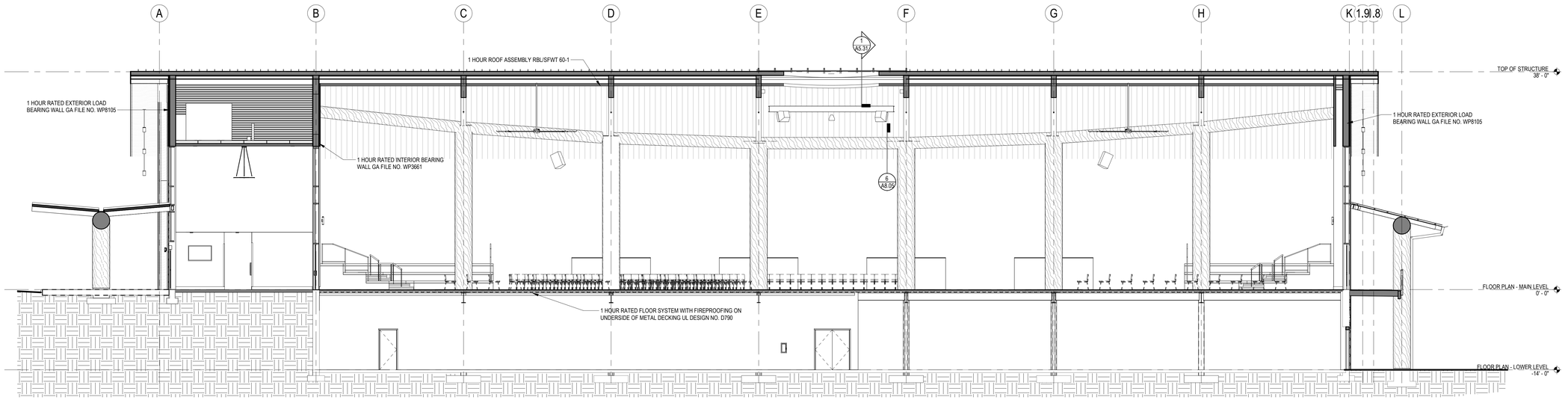
4 TYPICAL SOUTH BALCONY HANDRAIL ELEVATION
1/2" = 1'-0"



3 SOUTHWEST BALCONY HANDRAIL ELEVATION
1/2" = 1'-0"



2 SECTION WEST-EAST
1/8" = 1'-0"



1 SECTION NORTH-SOUTH
1/8" = 1'-0"

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REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

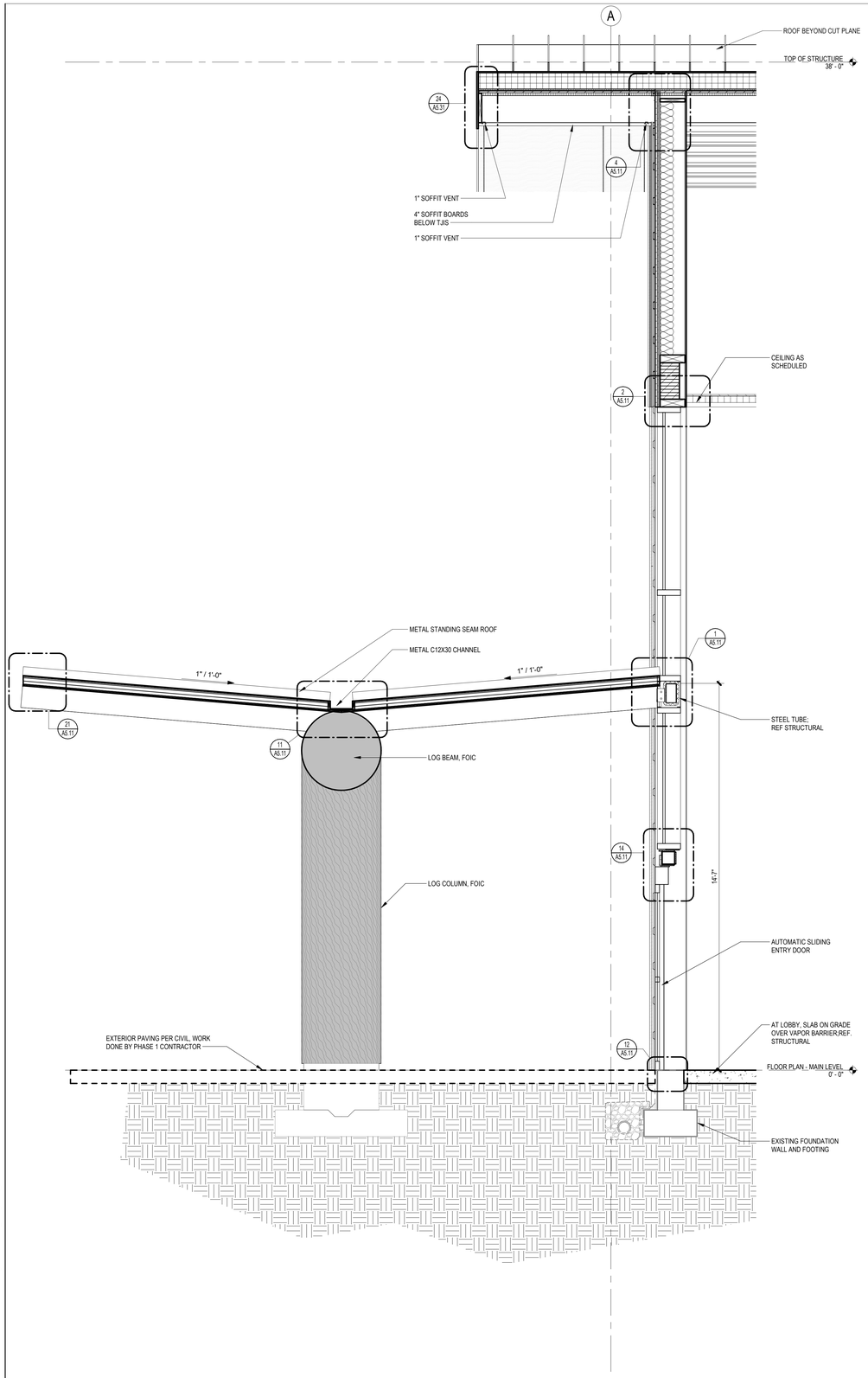
BUILDING SECTIONS

ISSUANCE

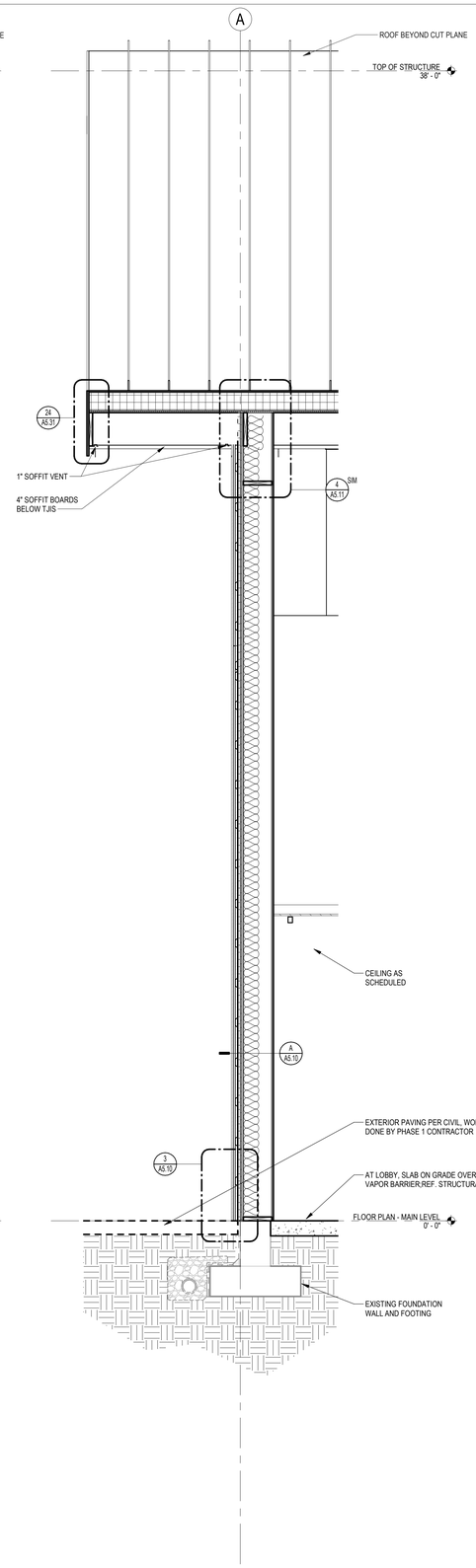
No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
2	PH 2 ASI 2	05/29/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

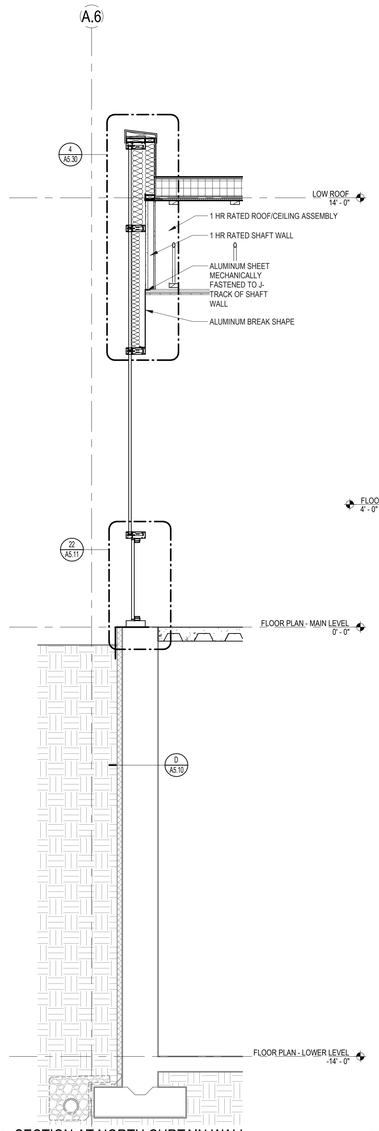
SHEET NO
A4.01



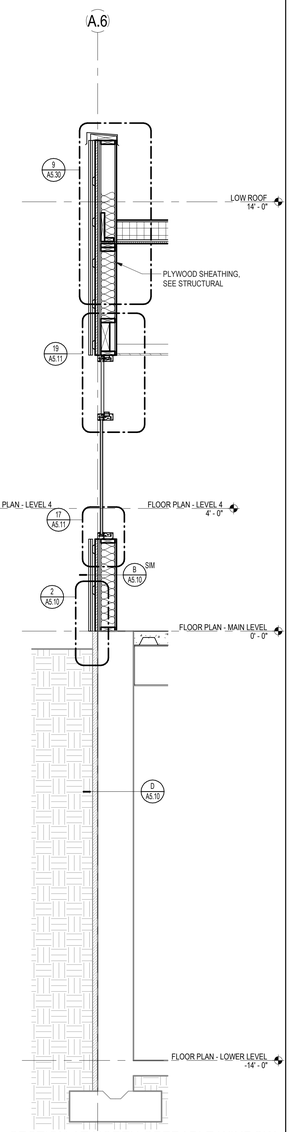
4 SECTION AT NORTH CANOPY AND ENTRY
1/2" = 1'-0"



3 SECTION AT NORTH GATHERING HALL
1/2" = 1'-0"



2 SECTION AT NORTH CURTAIN WALL
1/2" = 1'-0"



1 SECTION AT NORTH OPERABLE WINDOW
1/2" = 1'-0"

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TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

WALL SECTIONS - NORTH

ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO
A5.01

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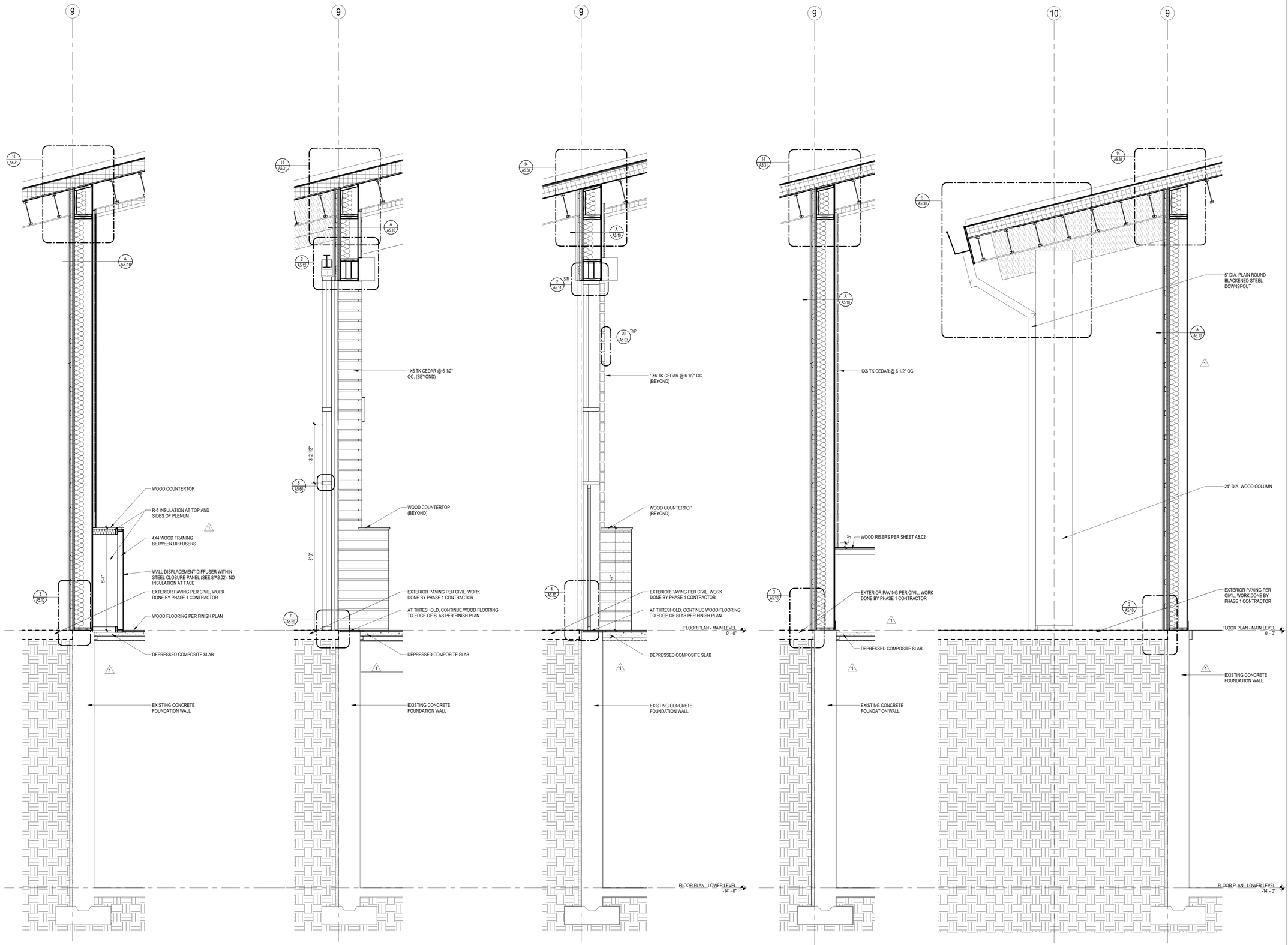

5 SECTION AT EAST GATHERING HALL WITH MECH SHELF
1/2" = 1'-0"

4 SECTION AT EAST GATHERING HALL SLIDING DOOR
1/2" = 1'-0"

3 SECTION AT EAST CURTAIN WALL DOOR
1/2" = 1'-0"

2 SECTION AT EAST GATHERING HALL
1/2" = 1'-0"

1 SECTION AT EAST EXHAUST GRILL
1/2" = 1'-0"

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REGISTERED ARCHITECT
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TULALIP TRIBES GATHERING HALL

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PHASE 2 - BUILDING AND LANDSCAPING

WALL SECTIONS - EAST

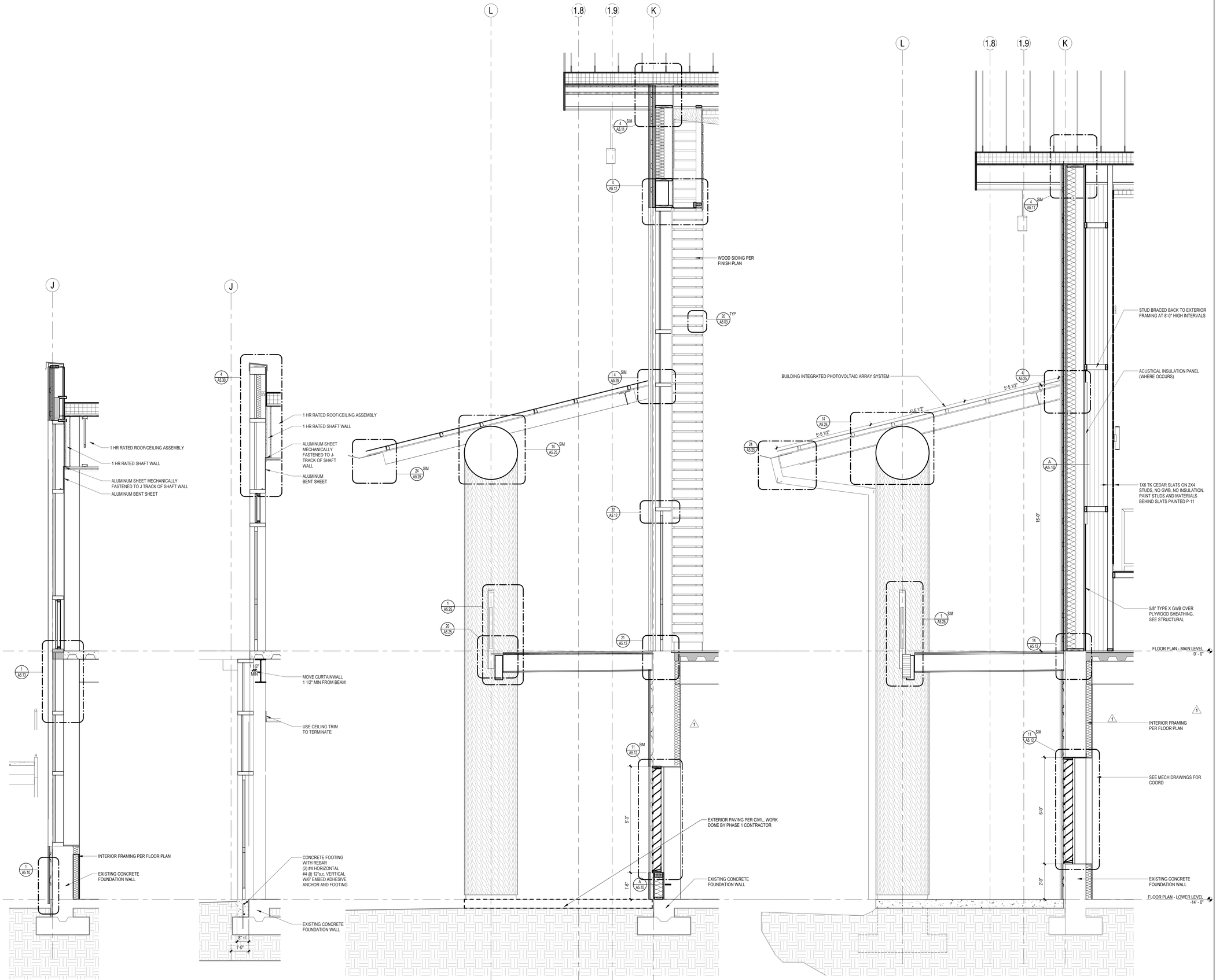
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO

A5.02



4 SECTION AT SOUTH CURTAIN WALL
1/2" = 1'-0"

3 SECTION AT SOUTH CURTAIN WALL ENTRY
1/2" = 1'-0"

2 SECTION AT SOUTH GATHERING HALL CURTAIN WALL
1/2" = 1'-0"

1 SECTION AT SOUTH GATHERING HALL EXHAUST GRILL
1/2" = 1'-0"

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TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

WALL SECTIONS - SOUTH

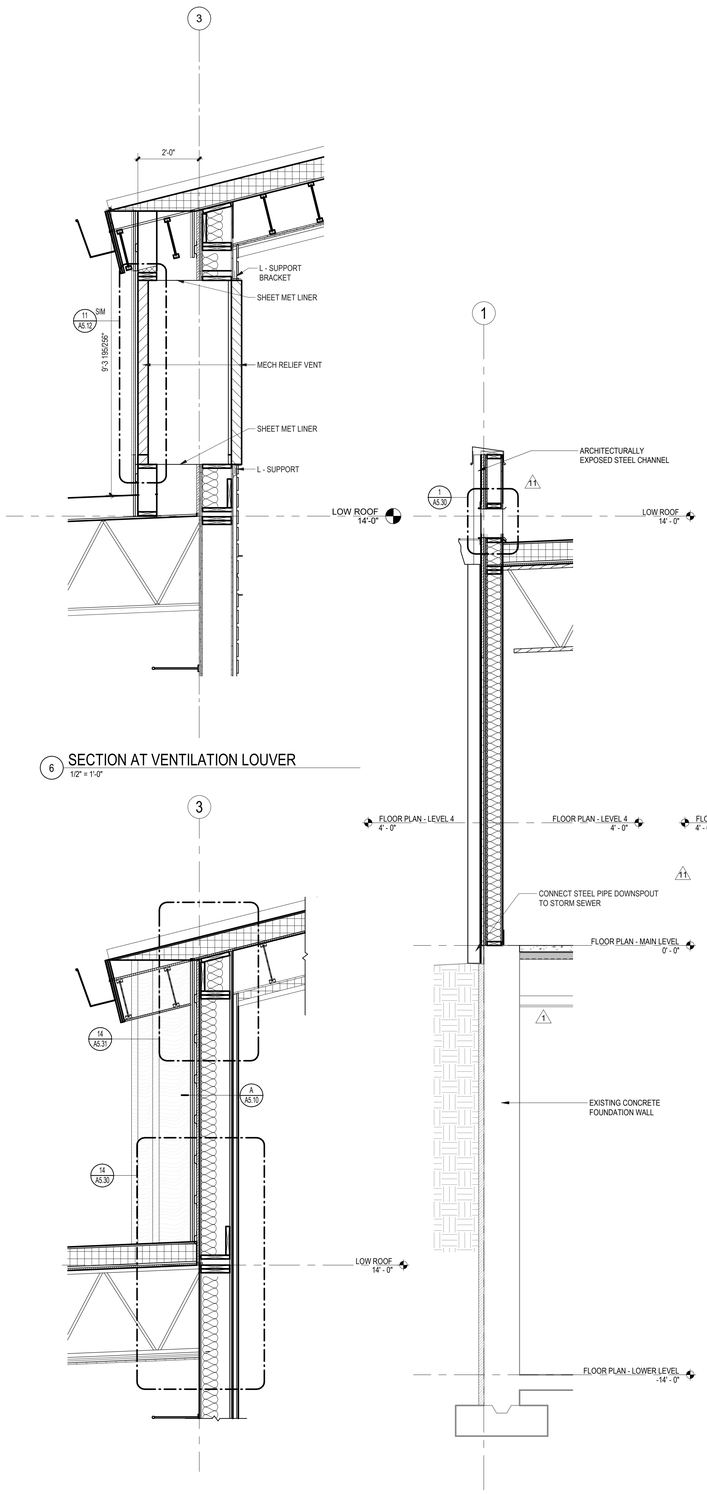
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 4	11/28/18
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
	PH 2 CONFORM SET	10/14/19
	RFI 233-191	10/11/10
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO

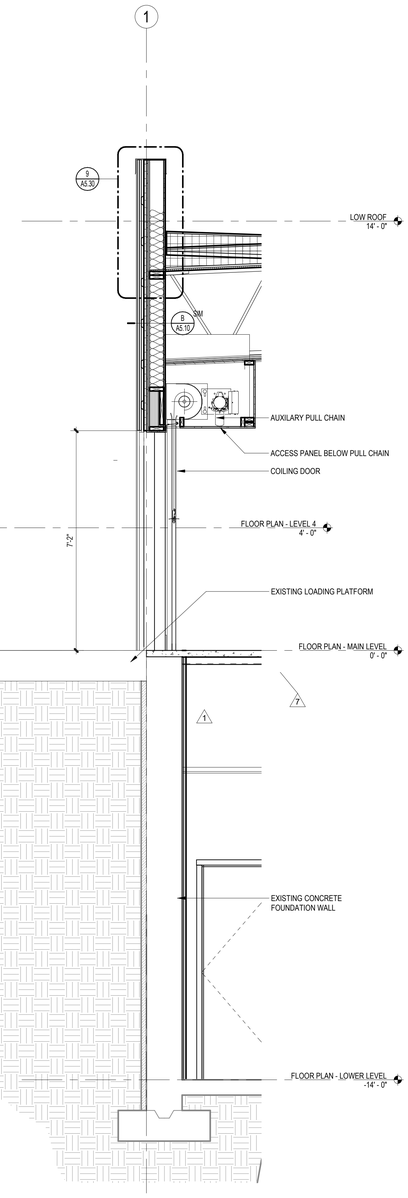
A5.03



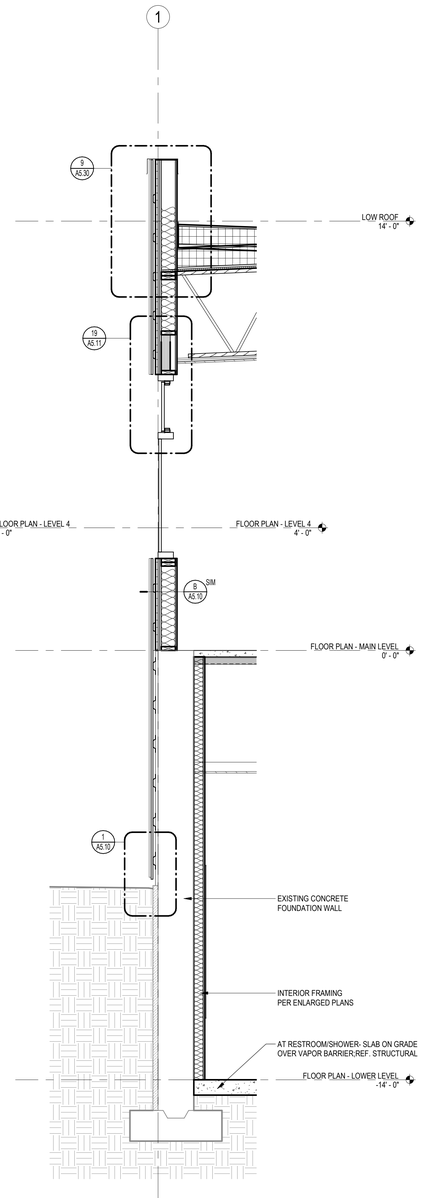
6 SECTION AT VENTILATION LOUVER
1/2" = 1'-0"

5 SECTION AT HIGH ROOF TO LOW ROOF
1/2" = 1'-0"

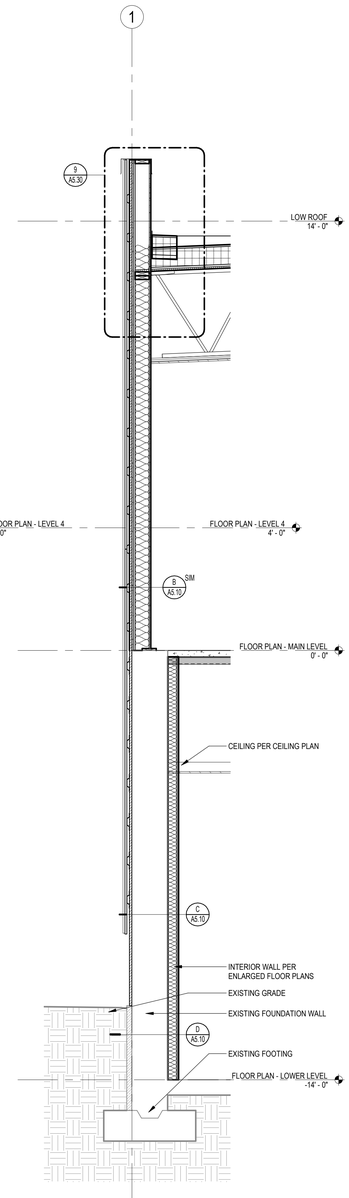
4 SCUPPER DETAIL
1/2" = 1'-0"



3 SECTION AT WEST LOADING DOCK
1/2" = 1'-0"



2 SECTION AT ANCILLARY BUILDING OPERABLE WINDOW
1/2" = 1'-0"



1 SECTION AT WEST BUILDING SCUPPER
1/2" = 1'-0"

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3626 REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
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PHASE 2 - BUILDING AND LANDSCAPING

WALL SECTIONS - WEST

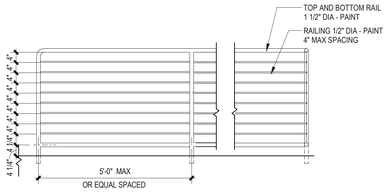
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
7	RFI 91-088	06/28/19
11	PH 2 CCD 4	08/13/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

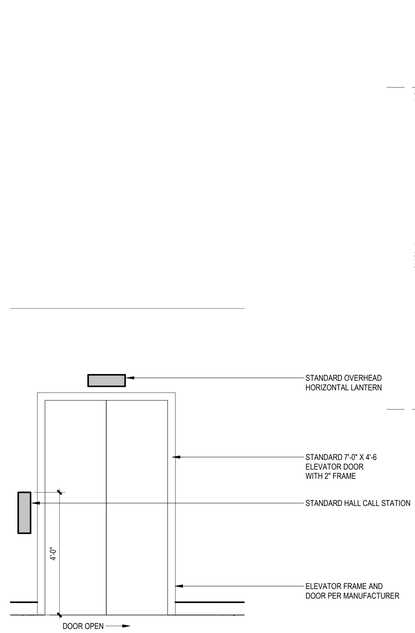
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO

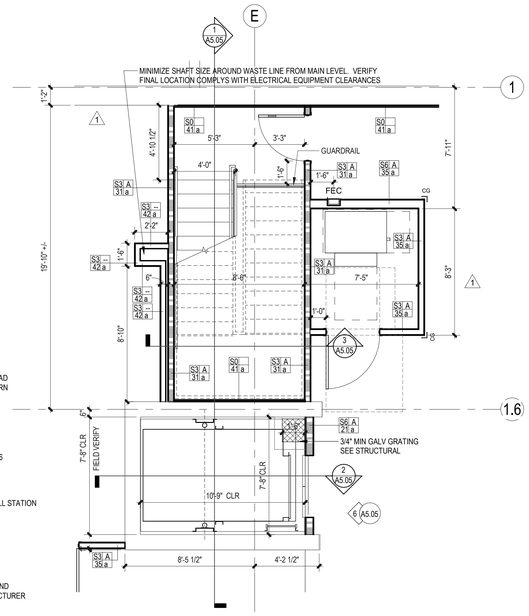
A5.04



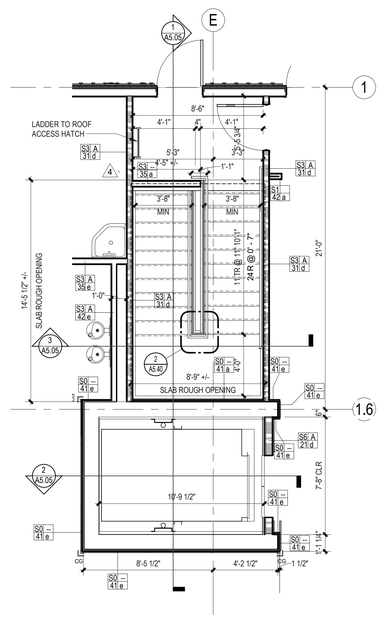
7 TYP GUARD RAIL
1/2" = 1'-0"



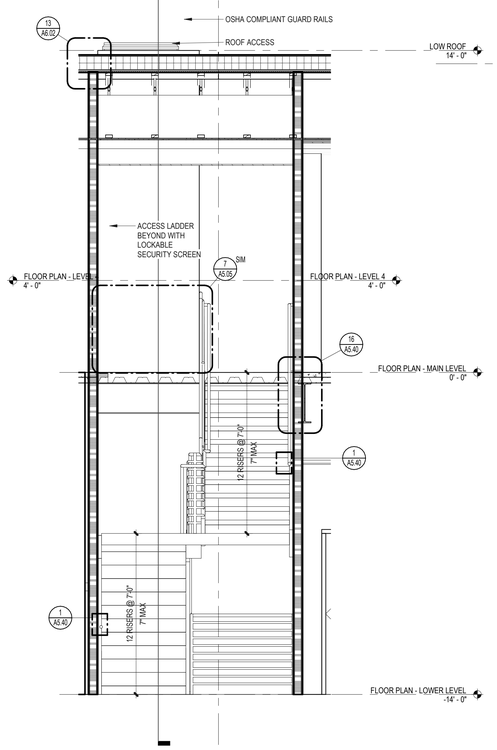
6 ELEVATOR DOOR ELEVATION
1/2" = 1'-0"



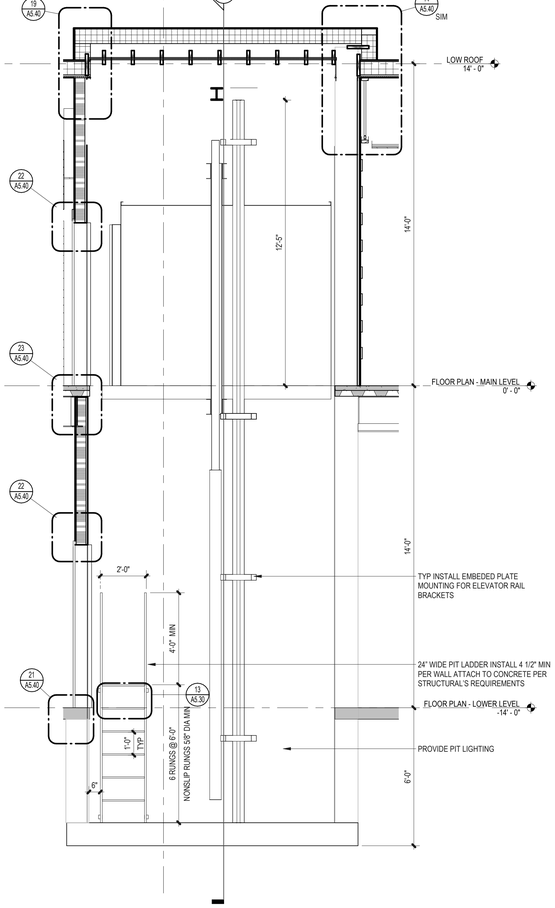
5 ENLARGED PLAN - STAIR AND ELEVATOR LOWER LEVEL
1/4" = 1'-0"



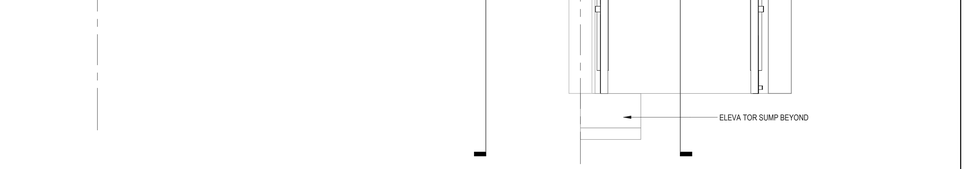
4 ENLARGED PLAN - STAIR AND ELEVATOR MAIN FLOOR
1/4" = 1'-0"



3 STAIR SECTION
3/8" = 1'-0"



2 ELEVATOR SECTION
3/8" = 1'-0"



1 STAIR AND ELEVATOR SECTION
3/8" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

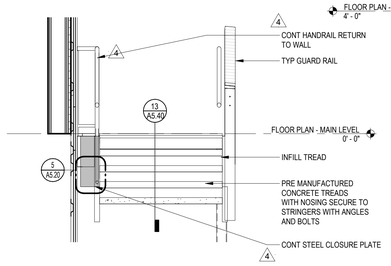
ELEVATOR AND STAIR PLANS AND SECTIONS

ISSUANCE

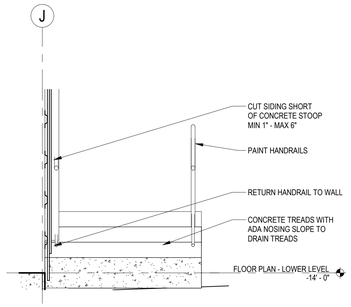
No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
4	PH 2 CCD 3	06/28/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: RL

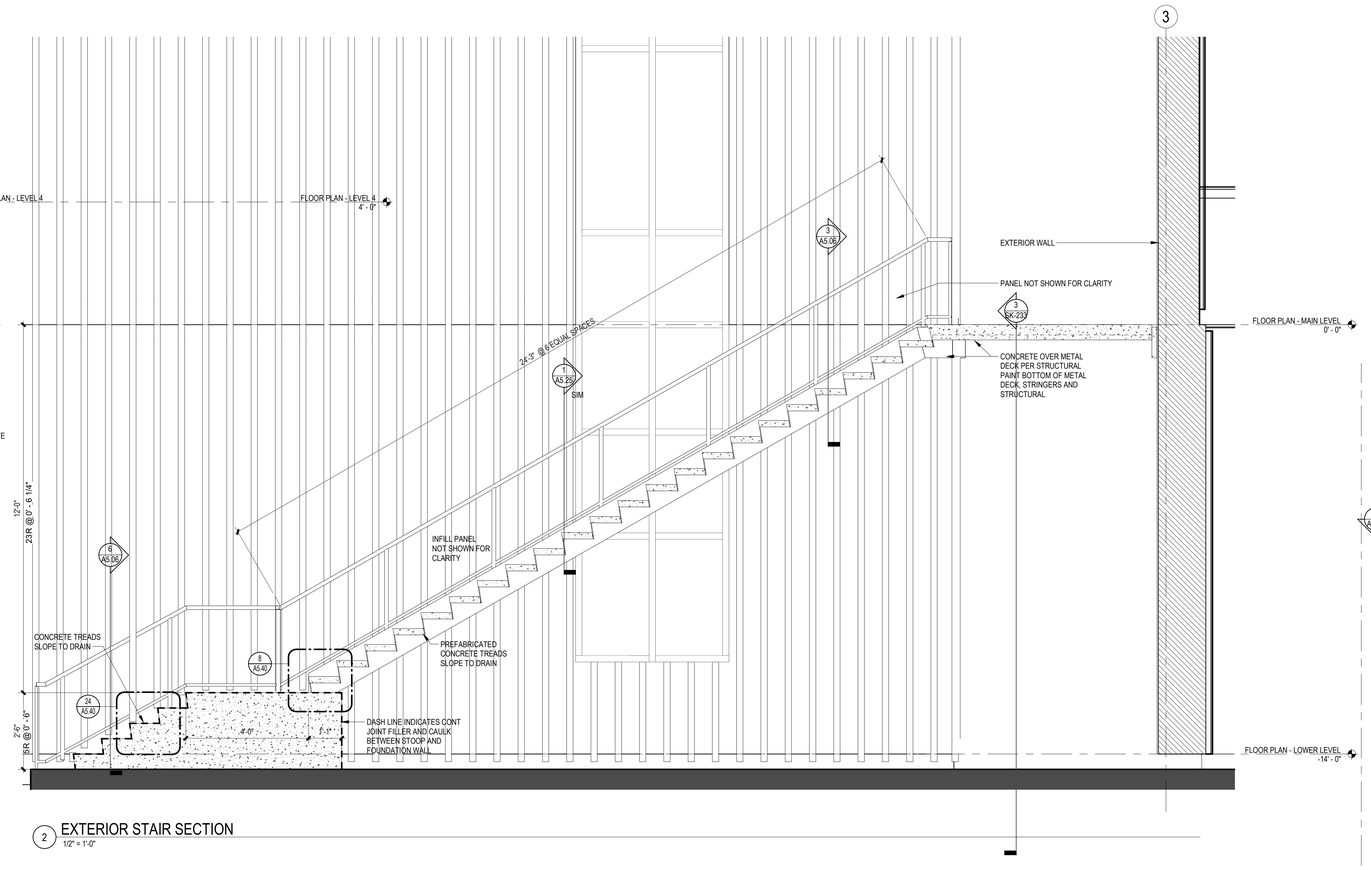
SHEET NO
A5.05



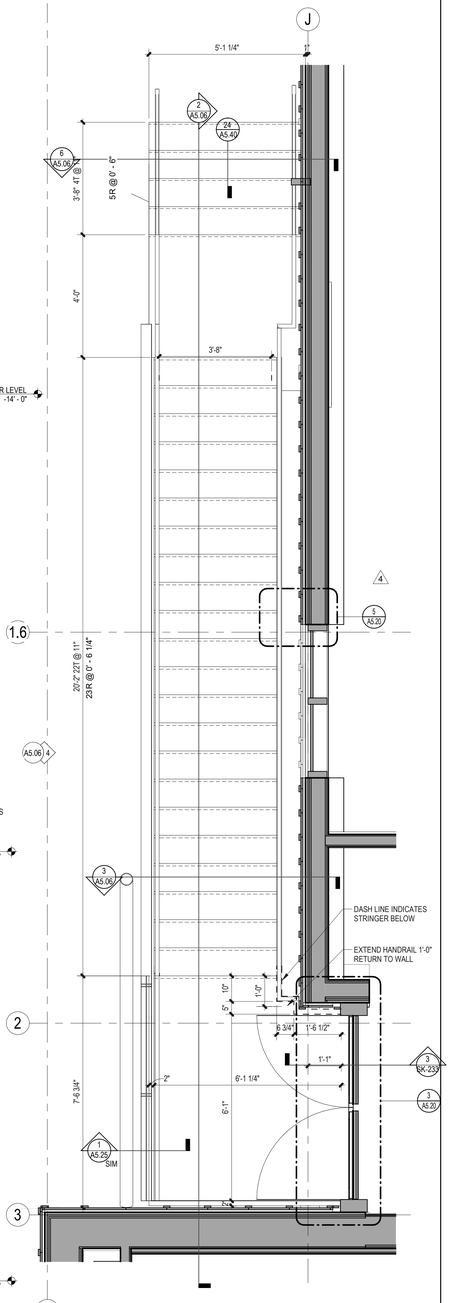
3 EXTERIOR STAIR SECTION 2
1/2" = 1'-0"



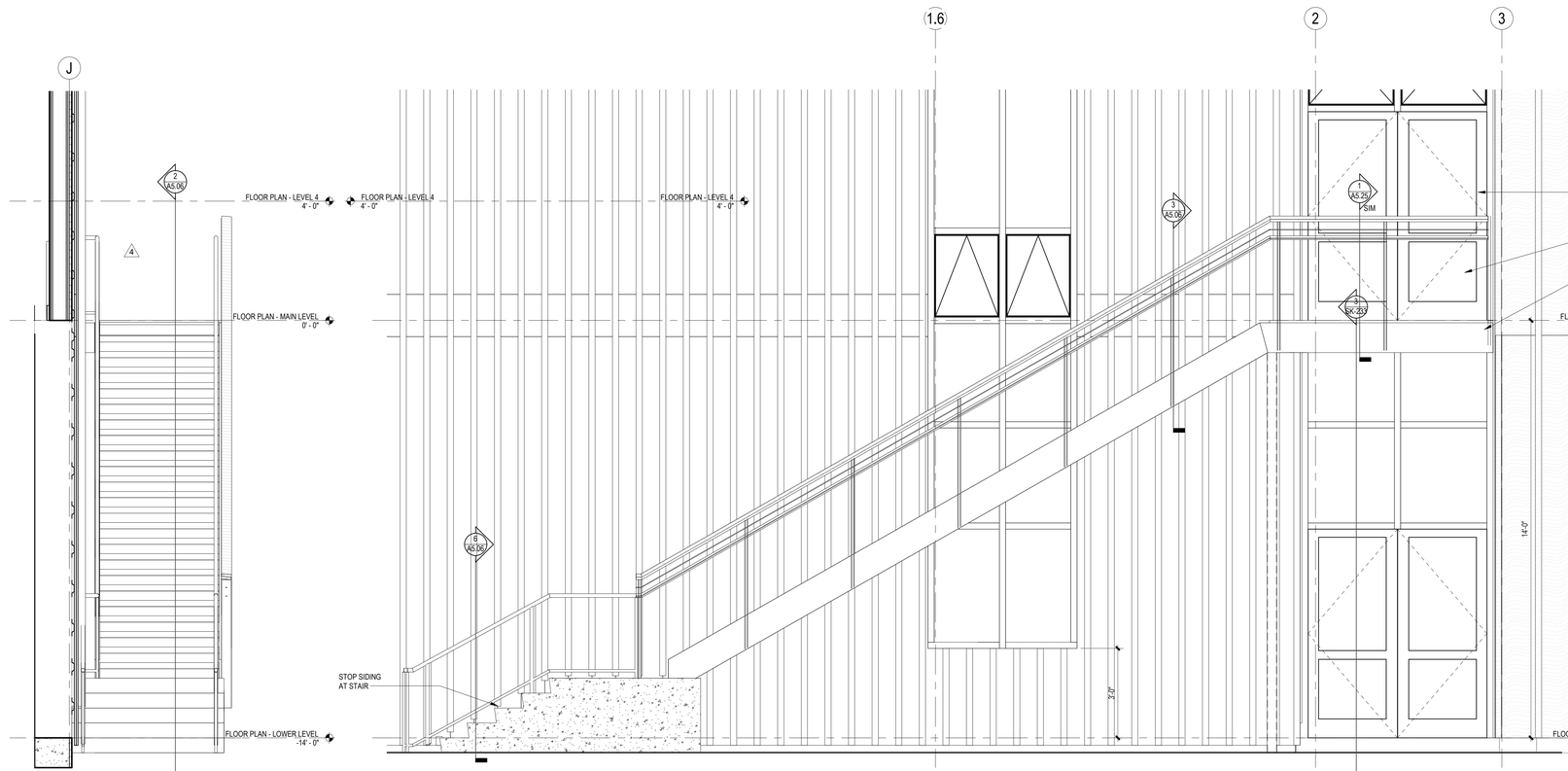
6 SECTION AT EXTERIOR STOOP
1/2" = 1'-0"



2 EXTERIOR STAIR SECTION
1/2" = 1'-0"



1 ENLARGED PLAN - EXTERIOR STAIR
1/2" = 1'-0"



5 EXTERIOR STAIR ELEVATION
1/2" = 1'-0"

4 EXTERIOR STAIR ELEVATION 2
1/2" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

EXTERIOR STAIR PLANS AND SECTIONS

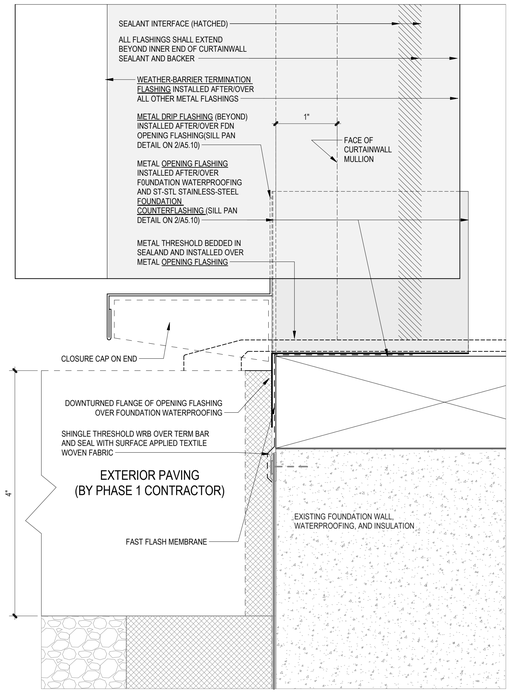
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 PERMIT REVIEW 2019	01/04/19
4	PH 2 CCD 3	06/28/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

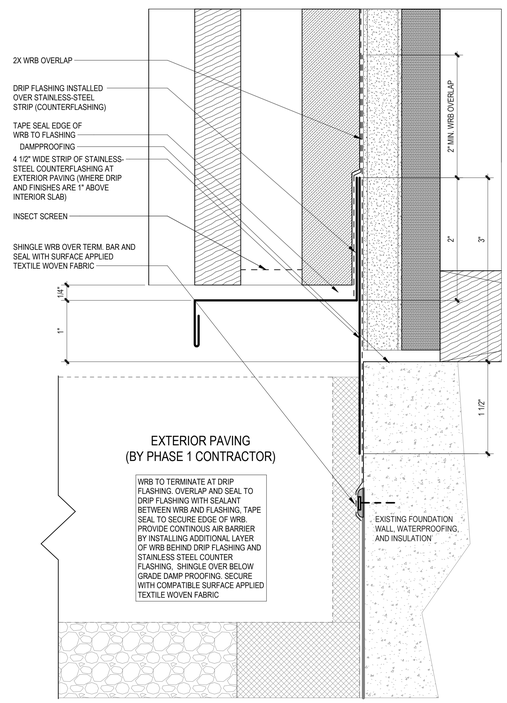
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO
A5.06

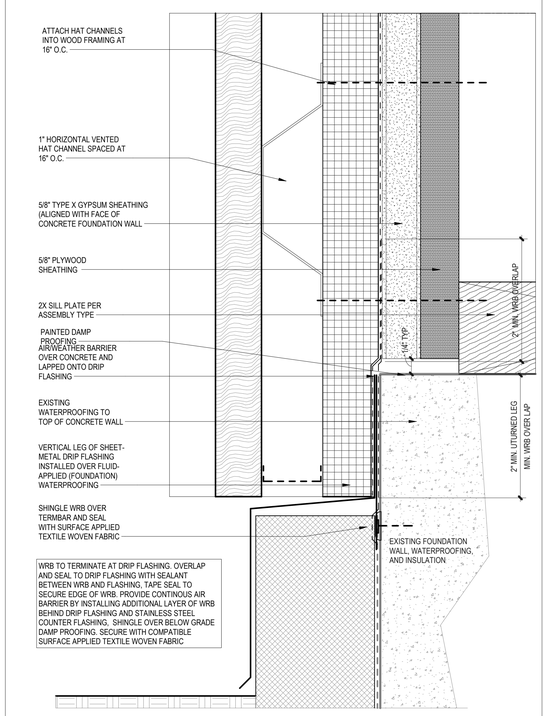
CLADDING ASSEMBLY TRANSITIONS



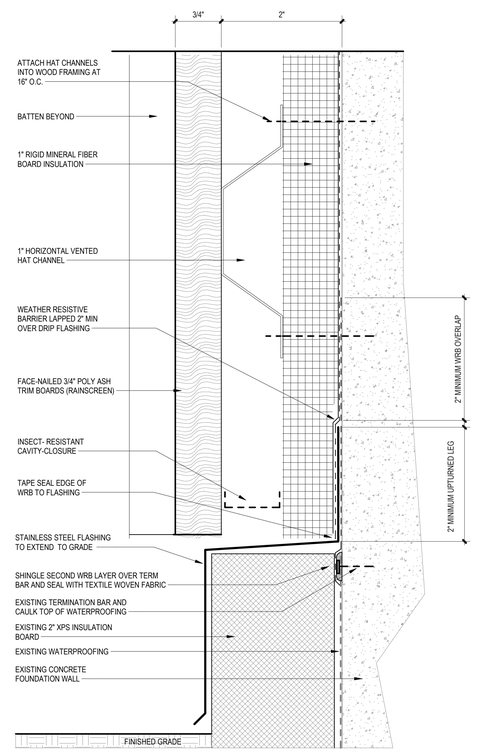
4 AT-GRADE TRANSITION - AT DOOR
12" = 1'-0"



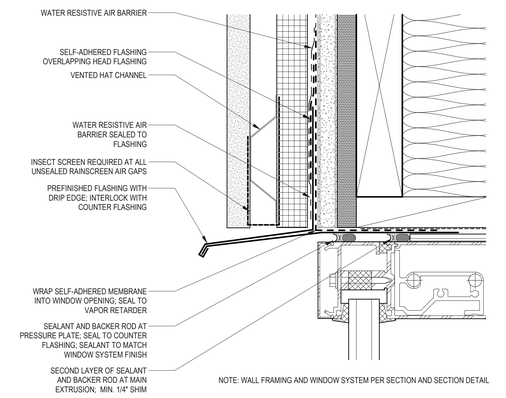
3 AT-GRADE TRANSITION - AT PAVING
12" = 1'-0"



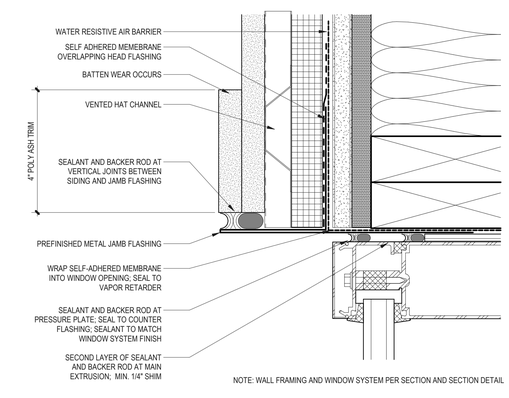
2 AT-GRADE TRANSITION - AT TOP OF CONCRETE WALL
12" = 1'-0"



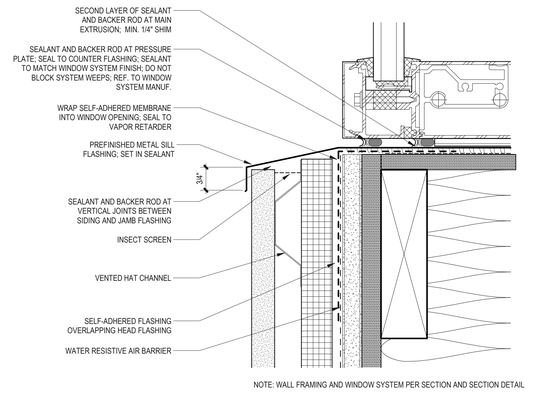
1 AT-GRADE TRANSITION - ON CONCRETE WALL
12" = 1'-0"



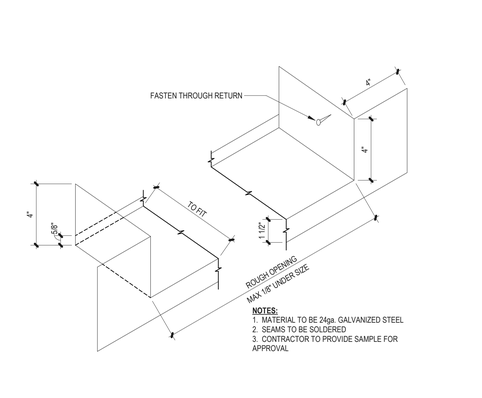
8 TYPICAL HEAD FLASHING - U.N.O.
NTS



7 TYPICAL JAMB FLASHING - U.N.O.
NTS

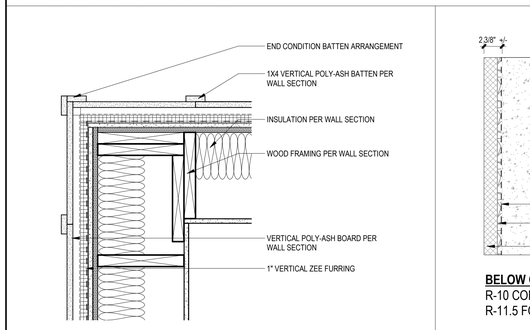


6 TYPICAL SILL FLASHING - U.N.O.
NTS

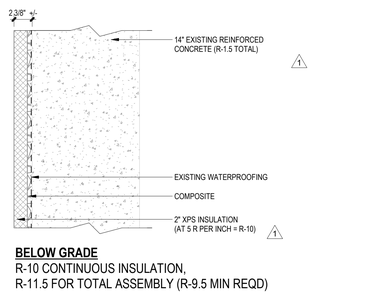


5 B2010.47 SILL PAN DETAIL - EXTERIOR DOORS ONLY
NTS

CLADDING ASSEMBLY SYSTEMS

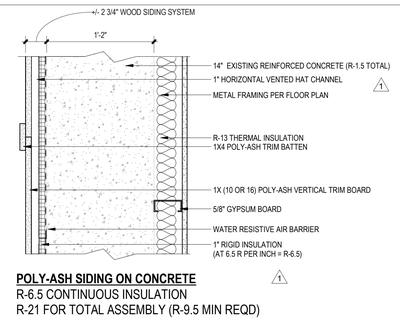


E POLY-ASH BOARD END CONDITION
1 1/2" = 1'-0"



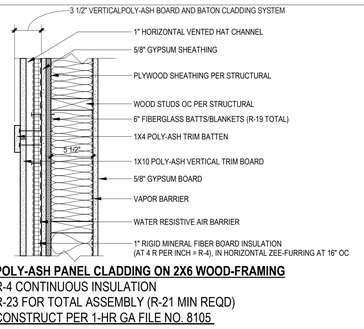
BELOW GRADE
R-10 CONTINUOUS INSULATION,
R-11.5 FOR TOTAL ASSEMBLY (R-9.5 MIN REQD)

D ASSEMBLY "D" - CONCRETE WALL BELOW GRADE
1 1/2" = 1'-0"



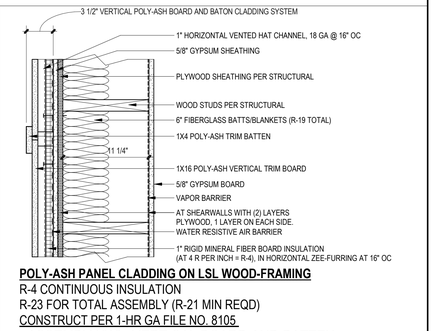
POLY-ASH SIDING ON CONCRETE
R-6.5 CONTINUOUS INSULATION
R-21 FOR TOTAL ASSEMBLY (R-9.5 MIN REQD)

C ASSEMBLY "C" - POLY-ASH CLADDING AT CONCRETE WALL
1 1/2" = 1'-0"



POLY-ASH PANEL CLADDING ON 2X6 WOOD-FRAMING
R-4 CONTINUOUS INSULATION
R-23 FOR TOTAL ASSEMBLY (R-21 MIN REQD)
CONSTRUCT PER 1-HR GA FILE NO. 8105

B ASSEMBLY "B" - VERTICAL BOARD AND BATTEN
1 1/2" = 1'-0"



POLY-ASH PANEL CLADDING ON LSL WOOD-FRAMING
R-4 CONTINUOUS INSULATION
R-23 FOR TOTAL ASSEMBLY (R-21 MIN REQD)
CONSTRUCT PER 1-HR GA FILE NO. 8105

A ASSEMBLY "A" - VERTICAL BOARD AND BATTEN
1 1/2" = 1'-0"

7/9/2020 12:45:08 PM C:\Users\mzogorski\Documents\17031 Tulalip Gathering Hall- Central_mzogorski@TGBArchitects.com.rvt

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3626 REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

EXTERIOR CLADDING SYSTEMS AND TYPICAL DETAILS

ISSUANCE

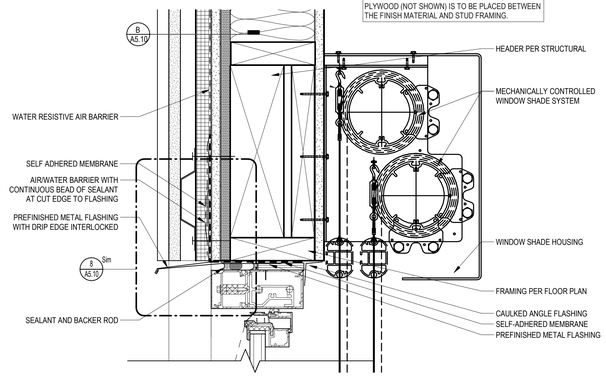
No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

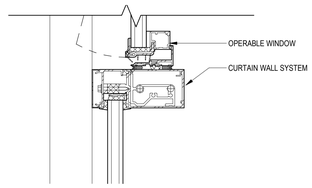
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

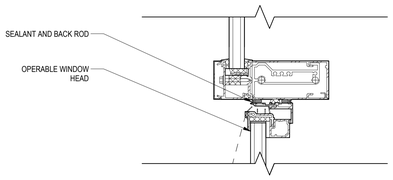
SHEET NO
A5.10

NOTE: TERMINATE ALL WRB / AIR BARRIER SIMILARLY AT ALL WINDOW / DOOR ROUGH OPENINGS TO MAINTAIN CONSISTENCY OF INSTALLATION METHODS IN THE FIELD. TERMINATE AIR BARRIER / WRB WITH SEALANT BEAD AND BACKER ROD INSTALLED AT MINIMUM IN PLANE WITH INNERMOST EDGE OF INSTALLED WINDOW / DOOR COMPONENT.

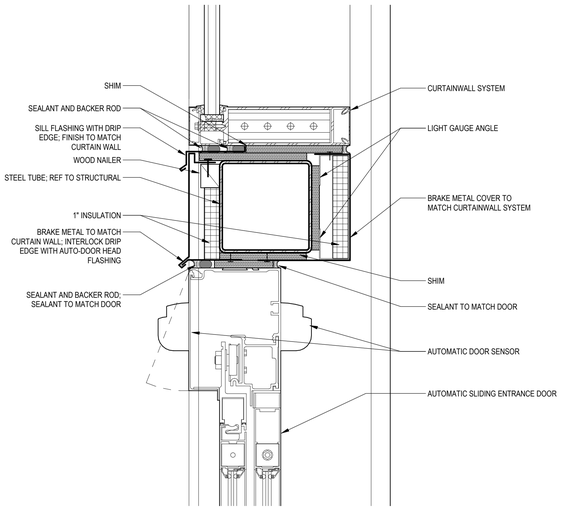
SEE STRUCTURAL DRAWINGS FOR LOCATIONS WHERE THE PLYWOOD SHEATHING OCCURE ON BOTH SIDES OF THE WALL. IN THIS CASE, THE PLYWOOD (NOT SHOWN) IS TO BE PLACED BETWEEN THE FINISH MATERIAL AND STUD FRAMING.



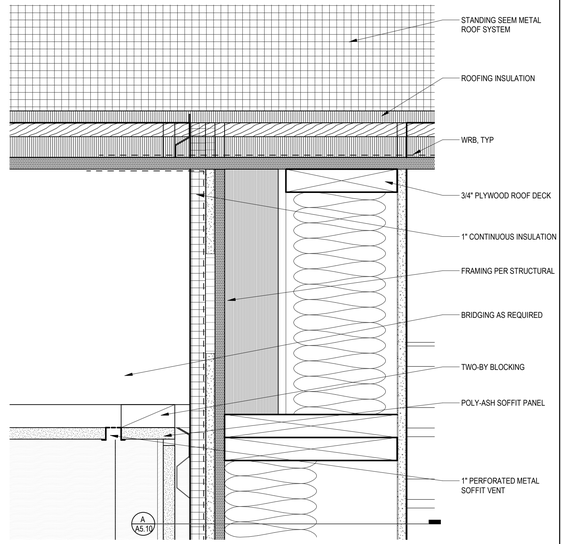




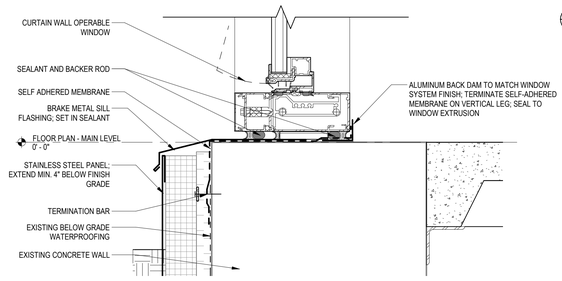
19 CURTAIN WALL OPERABLE WINDOW HEADER
3" = 1'-0"



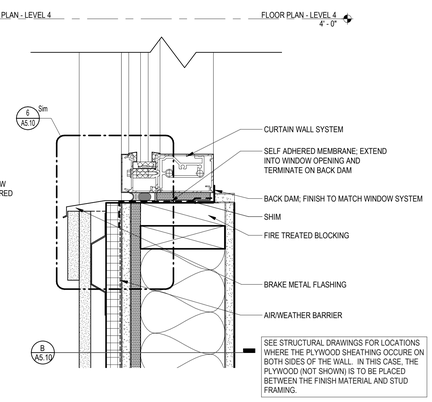
14 CURTAIN WALL DOOR HEAD
3" = 1'-0"



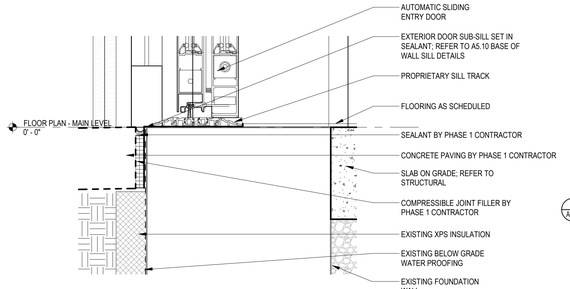
4 SECTION DETAIL - TOP OF WALL - ENTRY
3" = 1'-0"



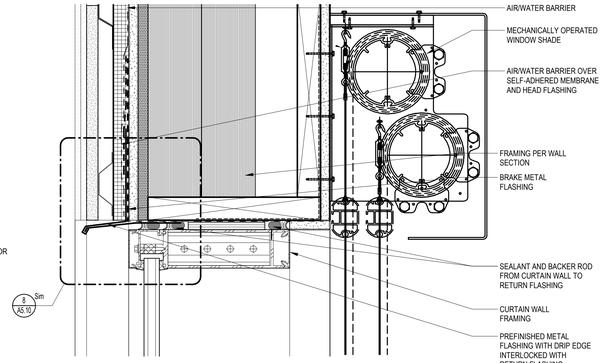
22 OPERABLE PARTITION AT CURTAIN WALL SILL
3" = 1'-0"



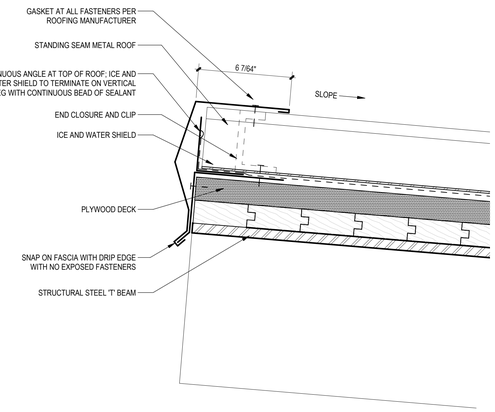
17 CURTAIN WALL WINDOW SILL
3" = 1'-0"



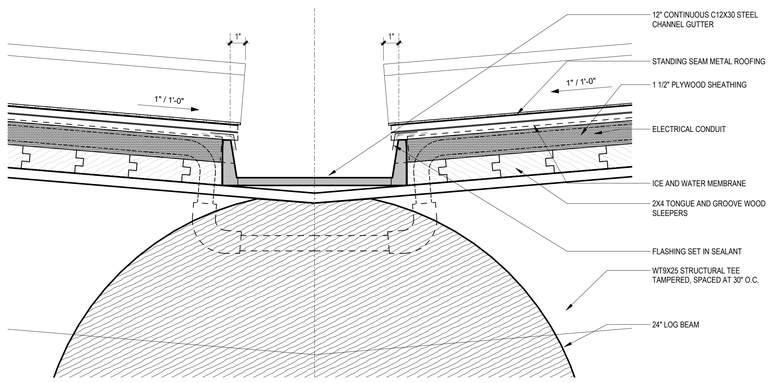
12 AUTODOOR THRESHOLD
3" = 1'-0"



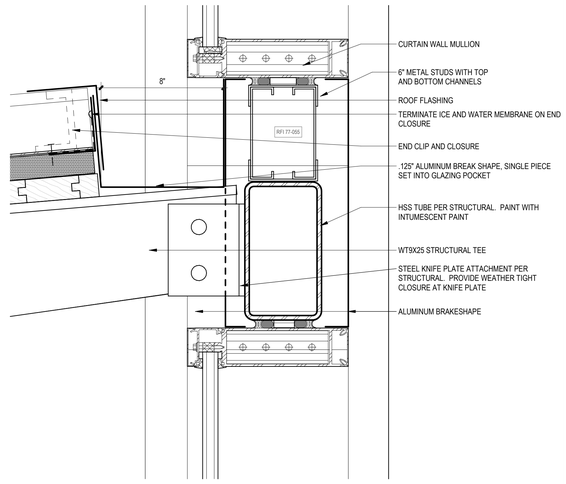
2 CURTAIN WALL HEADER
3" = 1'-0"



21 CANOPY FASCIA
3" = 1'-0"



11 ENTRY CANOPY BEAM CONNECTION
3" = 1'-0"



1 ENTRY CANOPY CONNECTION AT CURTAIN WALL
3" = 1'-0"

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3626 REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

EXTERIOR DETAILS - SECTION

ISSUANCE

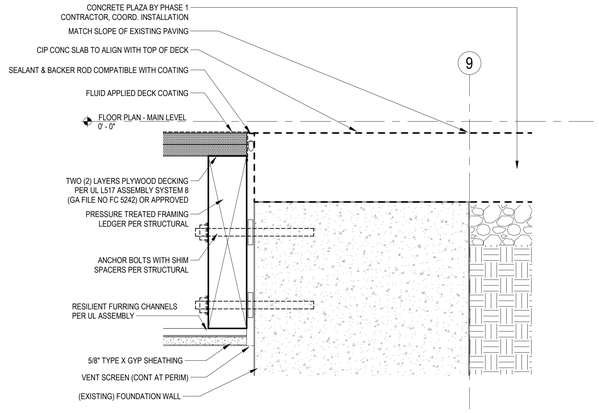
No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

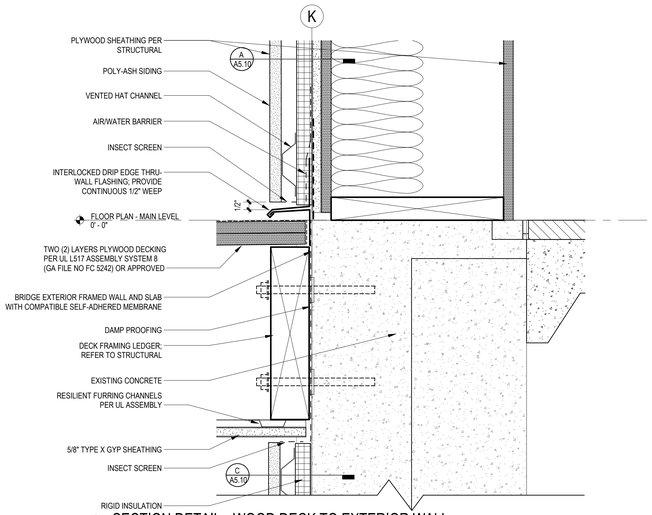
SHEET NO
A5.11

7/9/2020 12:45:17 PM C:\Users\mzagorski\Documents\17031 Tulalip Gathering Hall- Central_mzagorski@gTGBArchitects.com.rvt

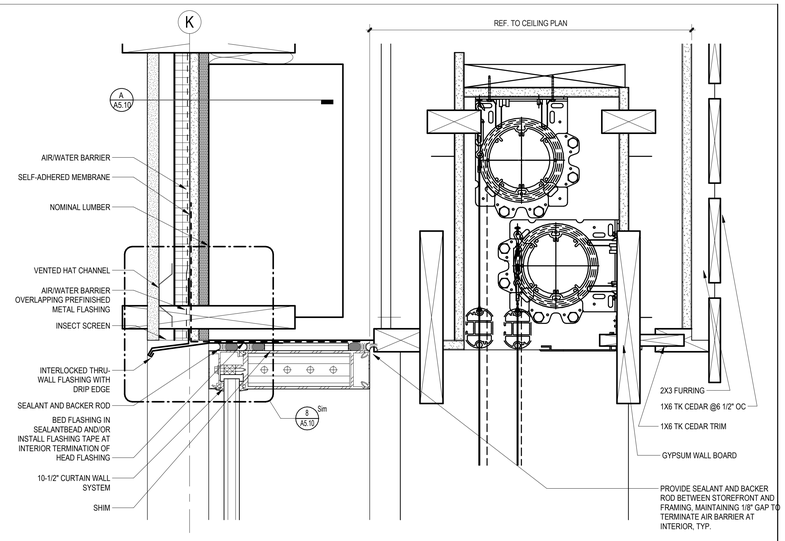
NOTE: TERMINATE ALL WRB / AIR BARRIER SIMILARLY AT ALL WINDOW / DOOR ROUGH OPENINGS TO MAINTAIN CONSISTENCY OF INSTALLATION METHODS IN THE FIELD. TERMINATE AIR BARRIER / WRB WITH SEALANT BEAD AND BACKER ROD INSTALLED AT MINIMUM IN PLANE WITH INNERMOST EDGE OF INSTALLED WINDOW / DOOR COMPONENT.



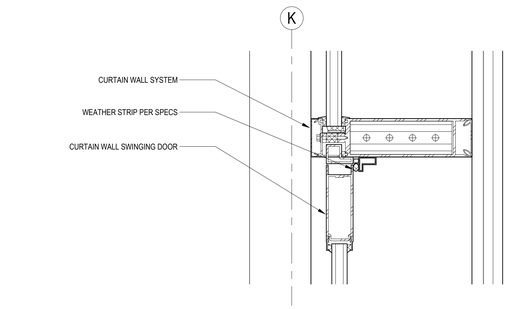
24 SECTION DETAIL - WOOD DECK TO PATIO
3" = 1'-0"



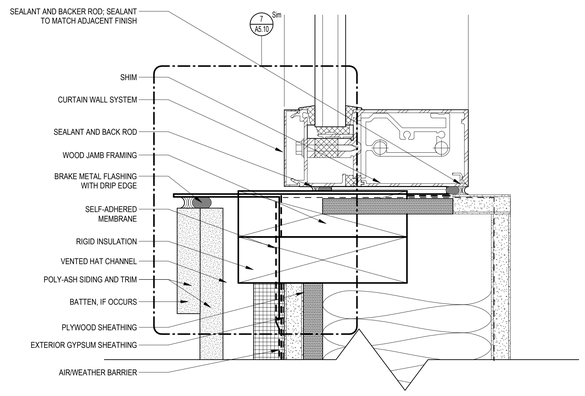
14 SECTION DETAIL - WOOD DECK TO EXTERIOR WALL
3" = 1'-0"



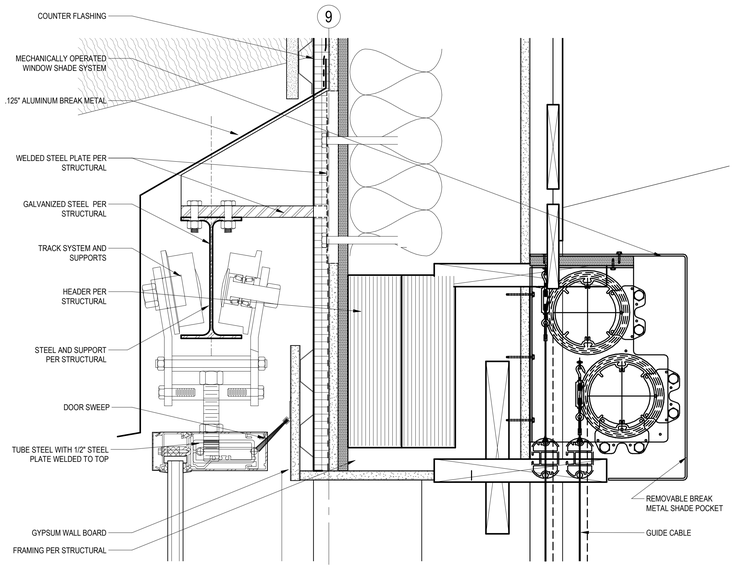
4 HEAD AT SOUTH CURTAIN WALL
3" = 1'-0"



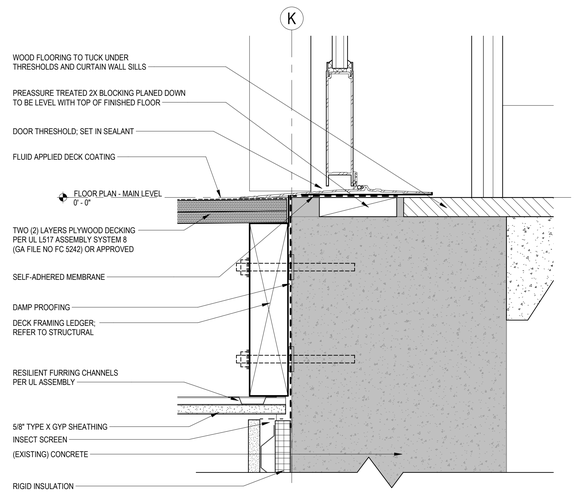
22 SECTION DETAIL - STOREFRONT DOOR AT PATIO - HEAD
3" = 1'-0"



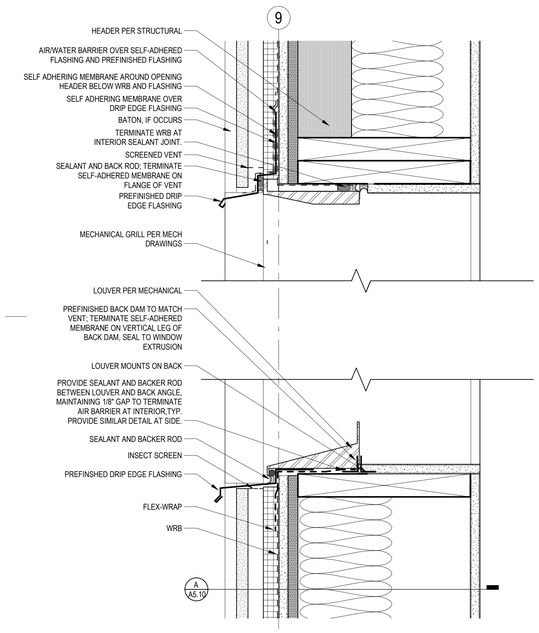
13 CURTAIN WALL WINDOW JAMB
6" = 1'-0"



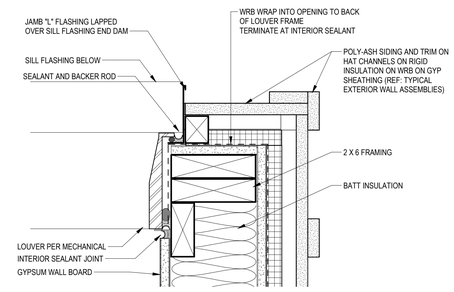
2 HEAD AT EXTERIOR SLIDING DOOR
3" = 1'-0"



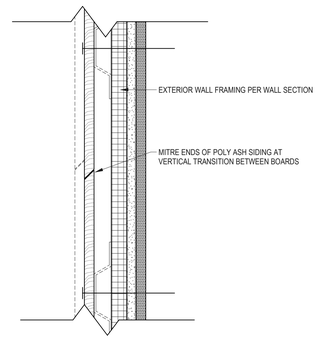
21 SECTION DETAIL - STOREFRONT DOOR AT PATIO - SILL
3" = 1'-0"



11 FRAMING SECTION AT EXHAUST GRILL
3" = 1'-0"



3 LOUVER JAMB DETAIL
3" = 1'-0"



1 BORAL MITRE DETAIL
3" = 1'-0"

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REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

EXTERIOR DETAILS - SECTION

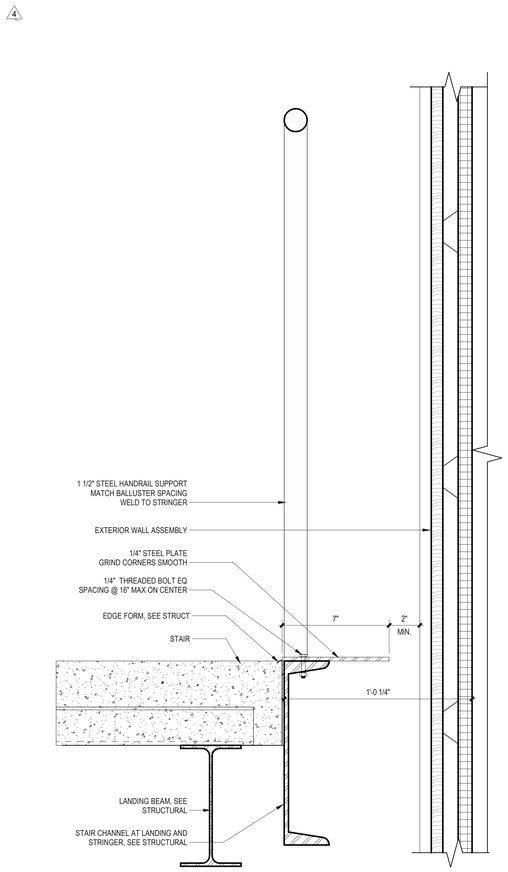
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

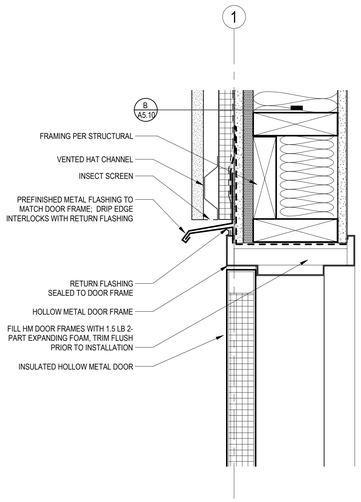
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO
A5.12

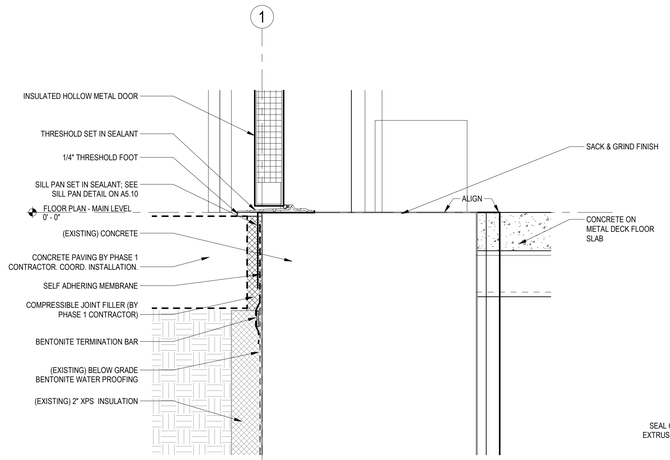
NOTE: TERMINATE ALL WRB / AIR BARRIER SIMILARLY AT ALL WINDOW / DOOR ROUGH OPENINGS TO MAINTAIN CONSISTENCY OF INSTALLATION METHODS IN THE FIELD. TERMINATE AIR BARRIER / WRB WITH SEALANT BEAD AND BACKER ROD INSTALLED AT MINIMUM IN PLANE WITH INNERMOST EDGE OF INSTALLED WINDOW / DOOR COMPONENT.



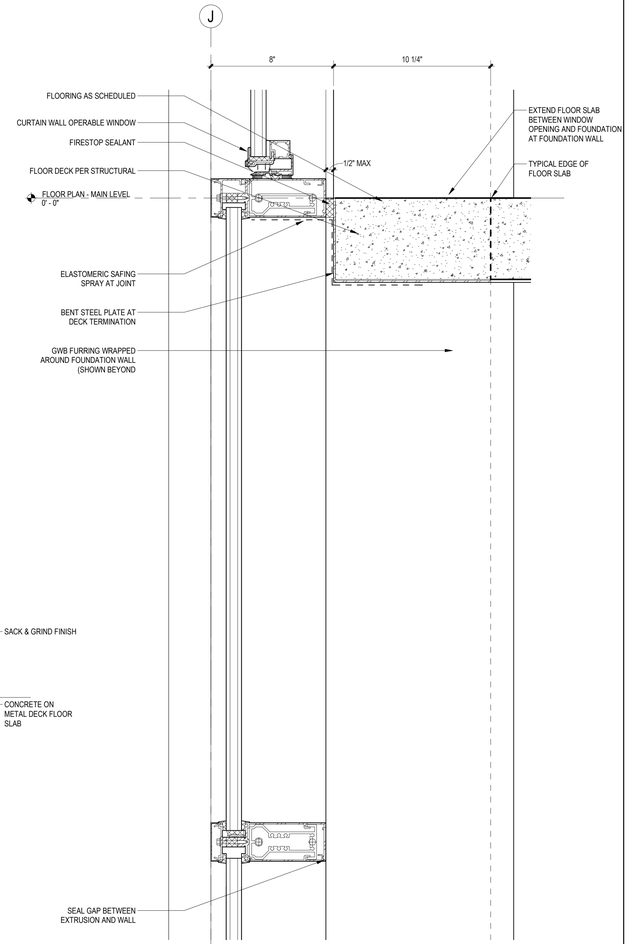
16 EXTERIOR STAIR HANDRAIL SECTION
3" = 1'-0"



13 TYPICAL EXTERIOR HOLLOW METAL DOOR HEAD
3" = 1'-0"



11 TYPICAL EXTERIOR HOLLOW METAL DOOR SILL
3" = 1'-0"



1 SECTION DETAIL - CURTAIN WALL AT MAIN LEVEL BYPASS
3" = 1'-0"

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t 425.778.1530
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Edmonds WA 98026
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www.tgbarchitects.com

3626 REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

EXTERIOR DETAILS - SECTION

ISSUANCE

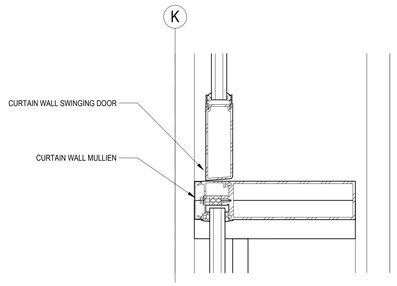
No.	Description	Date
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
4	PH 2 CCD 3	06/28/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

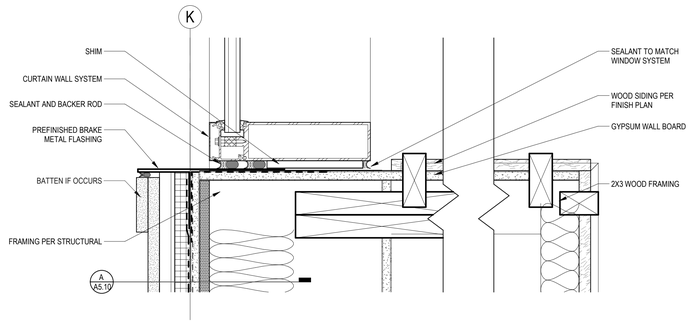
SHEET NO
A5.13

7/9/2020 12:45:28 PM C:\Users\mzagorski\Documents\17031 Tulalip Gathering Hall- Central_mzagorski@TGBArchitects.com.rvt

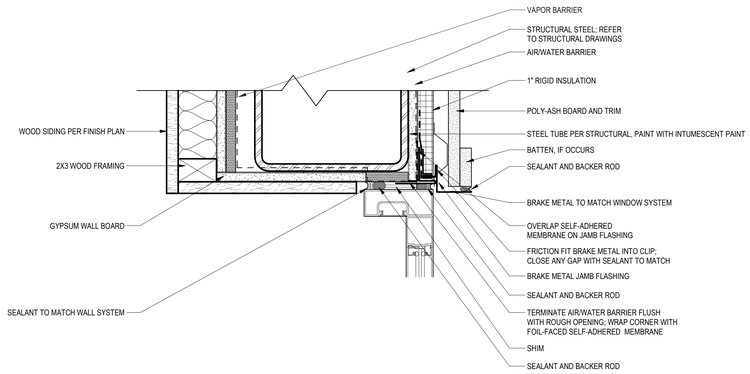
NOTE: TERMINATE ALL WRB / AIR BARRIER SIMILARLY AT ALL WINDOW / DOOR ROUGH OPENINGS TO MAINTAIN CONSISTENCY OF INSTALLATION METHODS IN THE FIELD. TERMINATE AIR BARRIER / WRB WITH SEALANT BEAD AND BACKER ROD INSTALLED AT MINIMUM IN PLANE WITH INNERMOST EDGE OF INSTALLED WINDOW / DOOR COMPONENT.



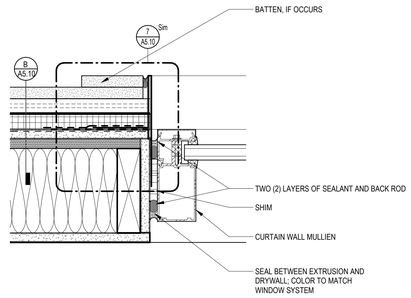
14 PLAN DETAIL - CURTAINWALL DOOR JAMB
3" = 1'-0"



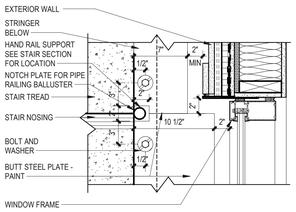
13 PLAN DETAIL - TYPICAL JAMB - 10-1/2" CW
3" = 1'-0"



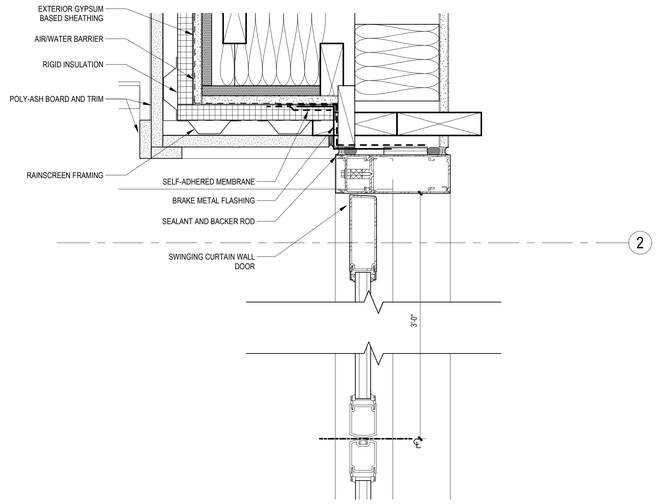
12 PLAN DETAIL - AUTO-DOOR JAMB
3" = 1'-0"



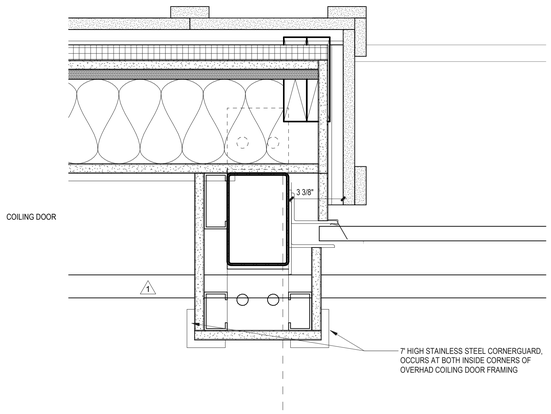
11 TYPICAL JAMB - 6-1/2" CW
3" = 1'-0"



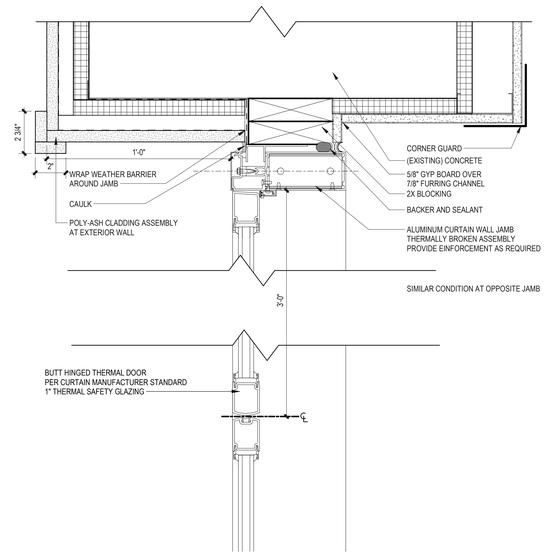
5 PLAN DETAIL AT STAIR STRINGER CLOSURE
1 1/2" = 1'-0"



3 PLAN DETAIL CURTAIN WALL JAMBS
3" = 1'-0"



2 COILING DOOR JAMB DETAIL
3" = 1'-0"



1 PLAN DETAIL - CURTAINWALL JAMB AT DOOR
3" = 1'-0"

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3626 REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

EXTERIOR DETAILS - PLAN

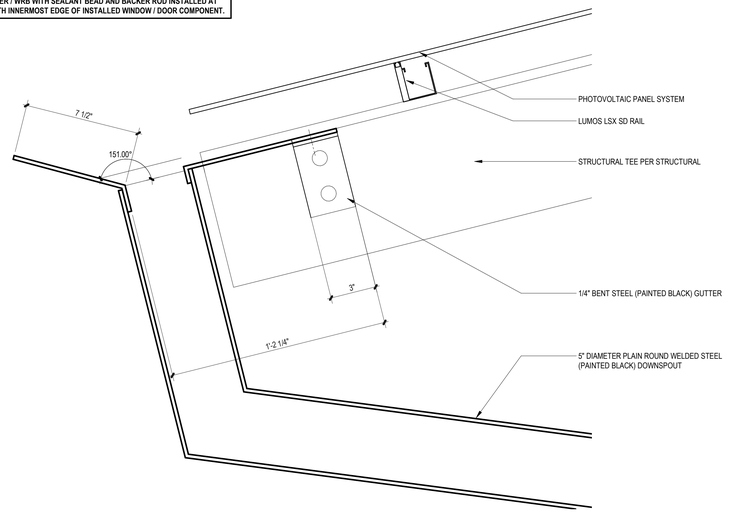
ISSUANCE

No.	Description	Date
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
4	PH 2 CCD 3	06/28/19
9	TBD	TBD
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

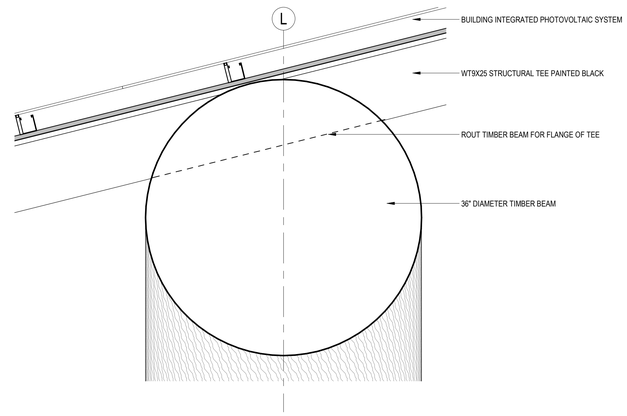
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO
A5.20

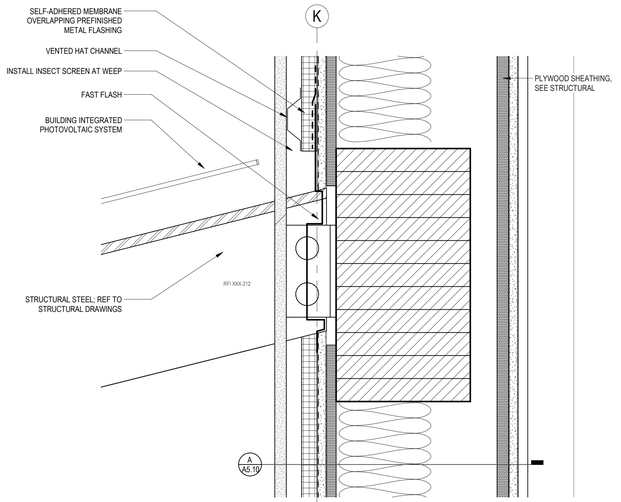
NOTE: TERMINATE ALL WRB / AIR BARRIER SIMILARLY AT ALL WINDOW / DOOR ROUGH OPENINGS TO MAINTAIN CONSISTENCY OF INSTALLATION METHODS IN THE FIELD. TERMINATE AIR BARRIER / WRB WITH SEALANT BEAD AND BACKER ROD INSTALLED AT MINIMUM IN PLANE WITH INNERMOST EDGE OF INSTALLED WINDOW / DOOR COMPONENT.



24 SOUTH CANOPY GUTTER
3" = 1'-0"

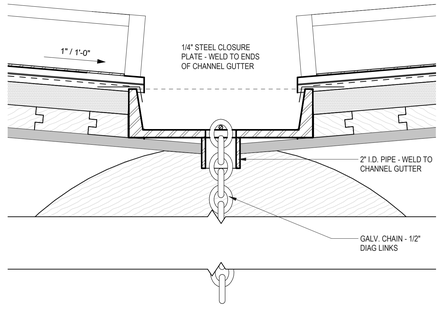


14 SOUTH CANOPY TO BEAM CONNECTION
1 1/2" = 1'-0"

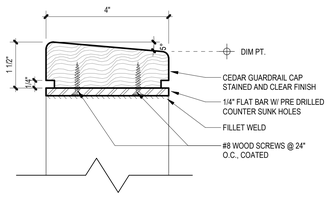


4 SOUTH CANOPY TO BUILDING CONNECTION
3" = 1'-0"

20 GUARDRAIL CONNECTION AT STAIR LANDING (STRINGER SIM)
3" = 1'-0"



22 RAIN CHAINS @ ENTRY CANOPY
3" = 1'-0"



12 BALCONY HANDRAIL DETAIL
6" = 1'-0"

1 RAILING AND SOUTH BALCONY DETAIL
3" = 1'-0"

19 GUARDRAIL AT EXTERIOR STAIR
1" = 1'-0"

18 TYP. DOWN SPOUT SUPPORT
3" = 1'-0"

11 BALCONY HANDRAIL ELEVATION
1 1/2" = 1'-0"

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STATE OF WASHINGTON

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PHASE 2 - BUILDING AND LANDSCAPING

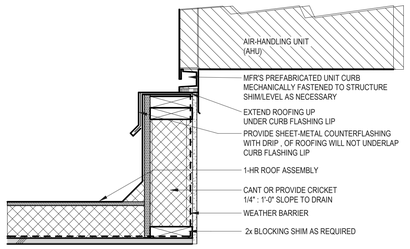
EXTERIOR DETAILS - MISC

ISSUANCE

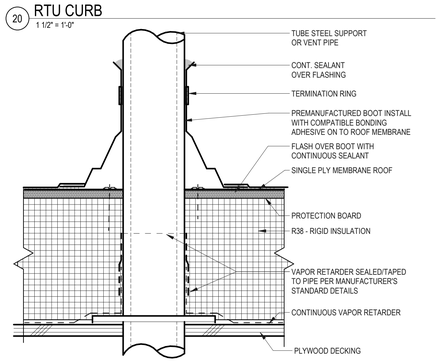
No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 7	01/04/19
	PH 2 PERMIT REVIEW 2019	01/04/19
1	PH 2 CCD 1	03/12/19
2	PH 2 ASI 2	05/29/19
9	TBD	TBD
	PH 2 CONFORM SET	10/14/19
23	PH 2 ASI 7	01/09/20
	PH 2 RECORD SET	06/02/20

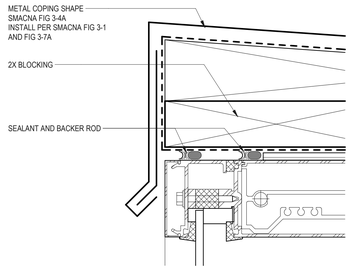
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO
A5.25

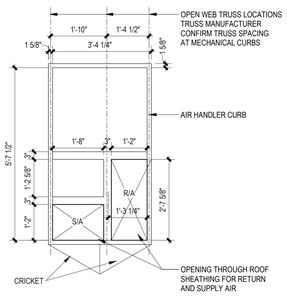


20 RTU CURB
1 1/2" = 1'-0"

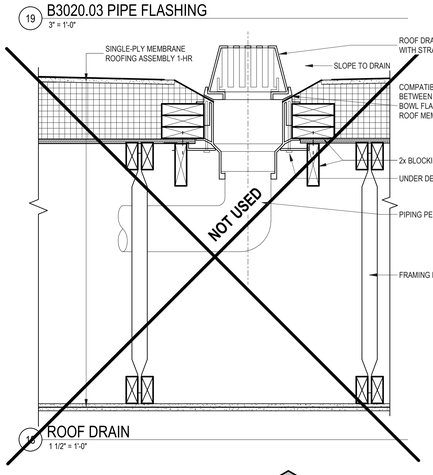




24 PARAPET CAP AT CURTAINWALL
6" = 1'-0"

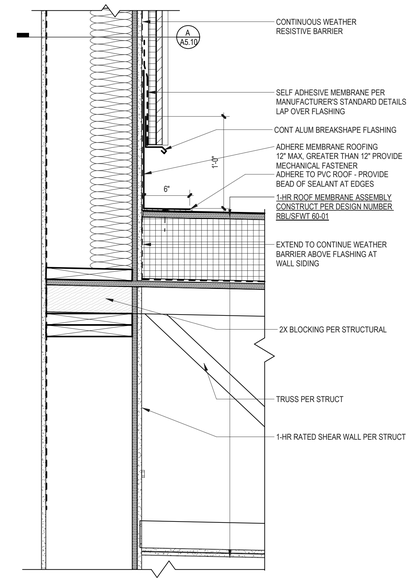


23 TYP RTU CURB
1/2" = 1'-0"

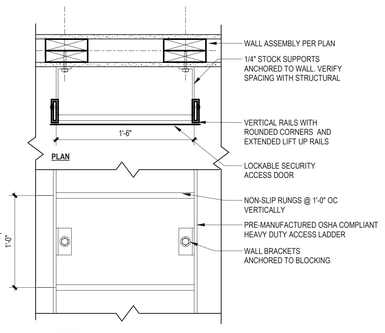


19 B3020.03 PIPE FLASHING
3" = 1'-0"

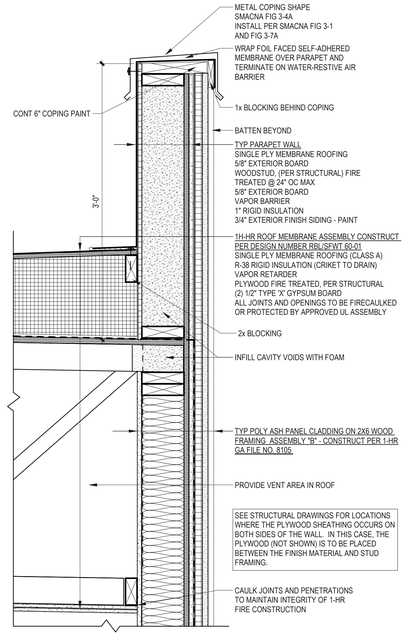
18 ROOF DRAIN
1 1/2" = 1'-0"



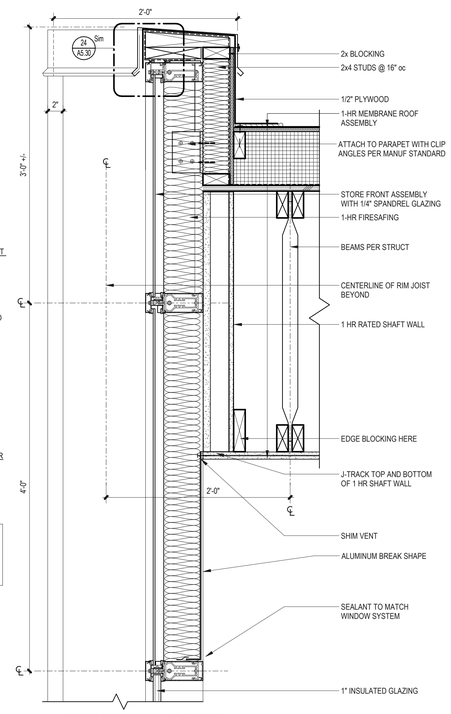
14 MEMBRANE ROOF TO WALL
1 1/2" = 1'-0"



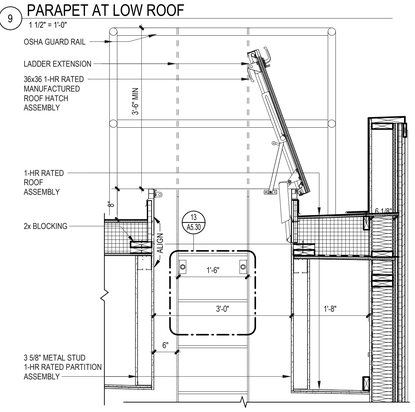
13 ACCESS LADDER
1 1/2" = 1'-0"



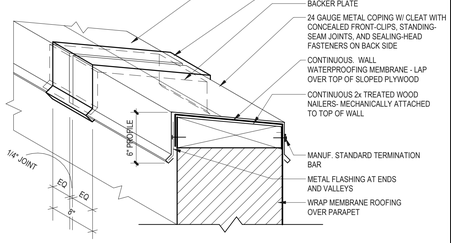
9 PARAPET AT LOW ROOF
1 1/2" = 1'-0"



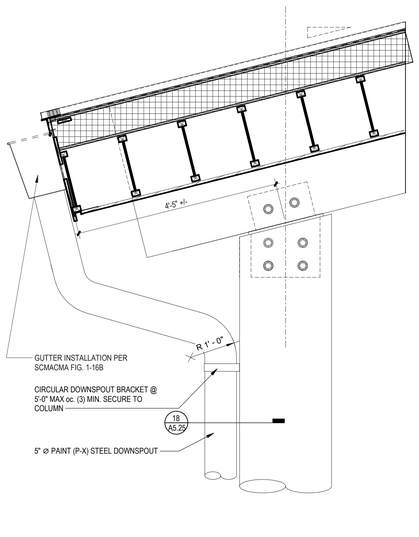
4 CURTAIN WALL AT ROOF
1 1/2" = 1'-0"



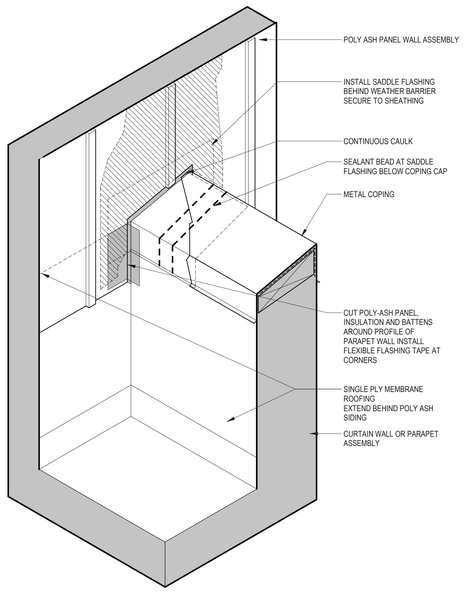
8 B3020.04 ROOF HATCH
3/4" = 1'-0"



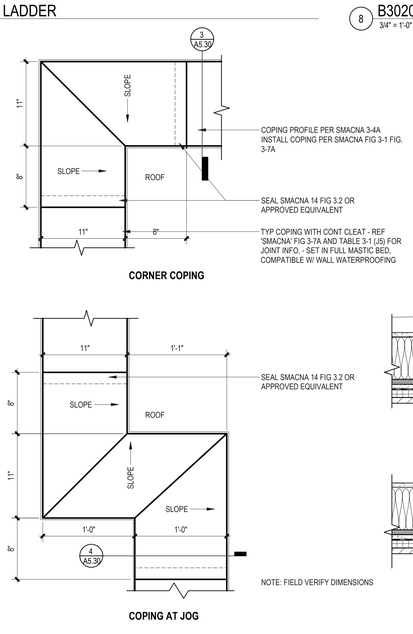
3 PARAPET CAP JOINT DETAIL
1 1/2" = 1'-0"



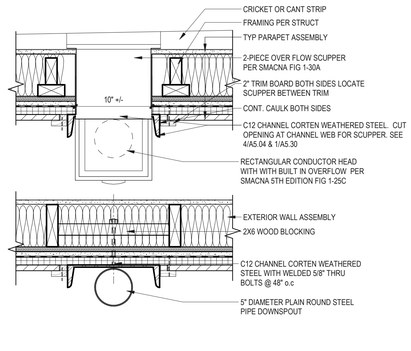
5 ROOF DOWNSPOUT
3/4" = 1'-0"



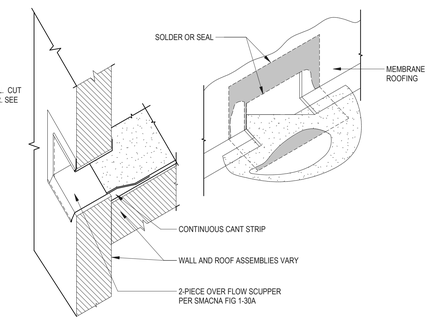
11 SADDLE FLASHING DETAIL
1 1/2" = 1'-0"



6 COPING PLAN VIEW
1 1/2" = 1'-0"



2 SCUPPER DETAIL - PLAN VIEW
1 1/2" = 1'-0"



1 THROUGH WALL SCUPPER
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PHASE 2 - BUILDING AND LANDSCAPING

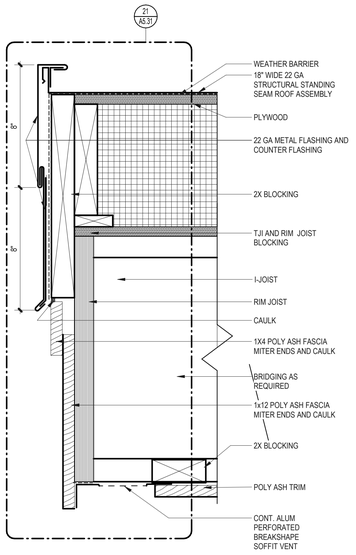
ROOF DETAILS

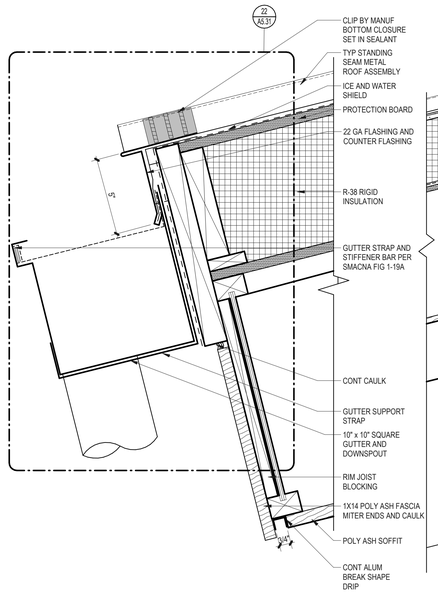
ISSUANCE

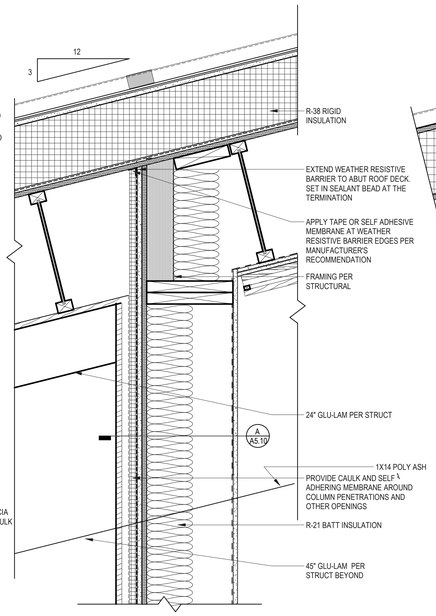
No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
11	PH 2 CCD 4	08/13/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

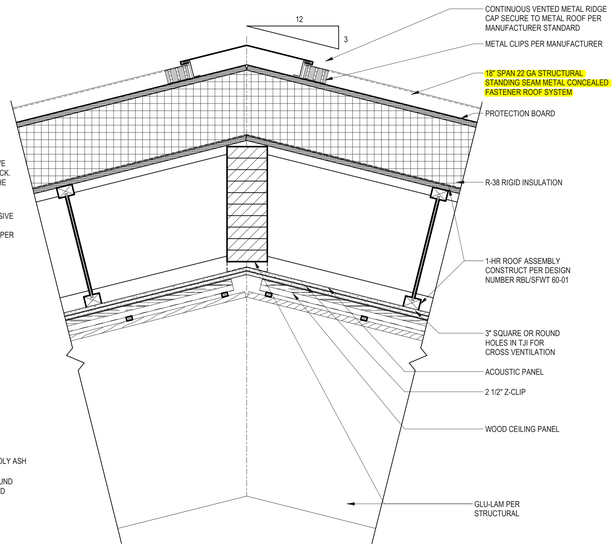
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: RL

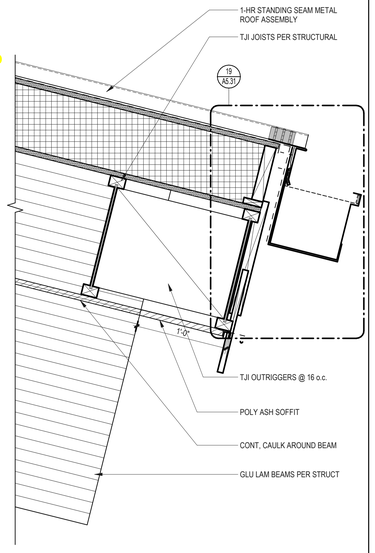
SHEET NO
A5.30



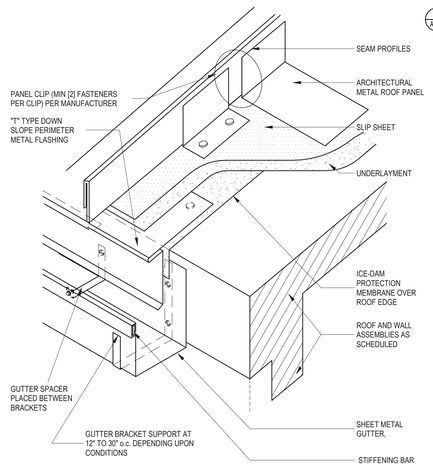








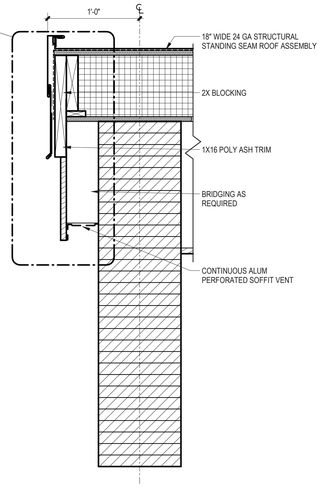
24 RAKE
3" = 1'-0"



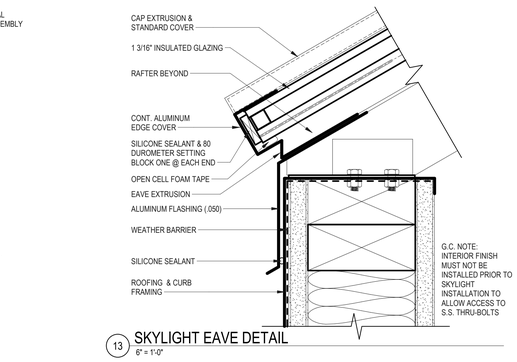
NOTES:

1. SPECIFIC FASTENING REQUIREMENTS ARE NOT INDICATED, AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING UPON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE AND BUILDING CODE
2. VARIOUS COMBINATIONS OF SUPPORT BRACKETS, SUPPORT BRACKETS AND SPACERS OR SPACER HANGERS CAN BE USED

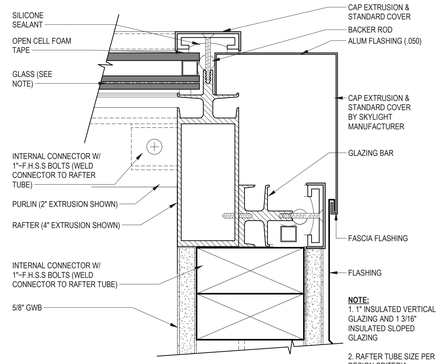
19 GUTTER AND EAVE
3" = 1'-0"



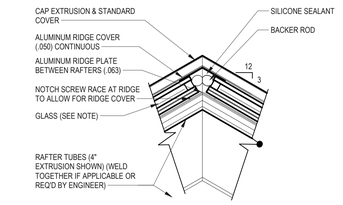
14 EXTERIOR WALL TO ROOF
1 1/2" = 1'-0"



9 RIDGE AT METAL ROOF
1 1/2" = 1'-0"



4 GUTTER AND EAVE AT GLULAM
1 1/2" = 1'-0"



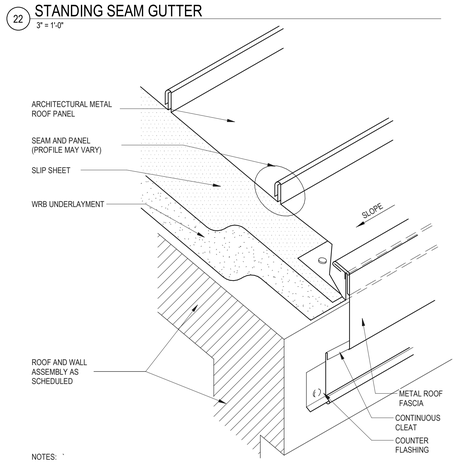
NOTE:
CONNECTION AT RIDGE MUST BE REVIEWED BY ENGINEER TO VERIFY LOADING OF RAFTERS

13 SKYLIGHT EAVE DETAIL
6" = 1'-0"

7 SKYLIGHT RAKE DETAIL
6" = 1'-0"

3 SKYLIGHT RIDGE DETAIL
3" = 1'-0"

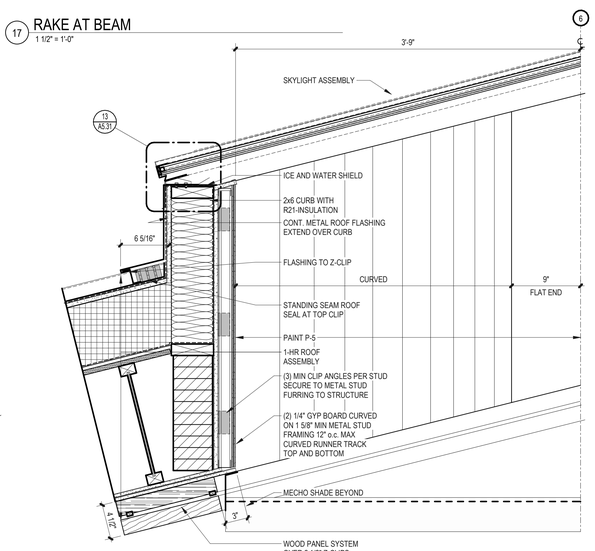
22 STANDING SEAM GUTTER
3" = 1'-0"



NOTES: `

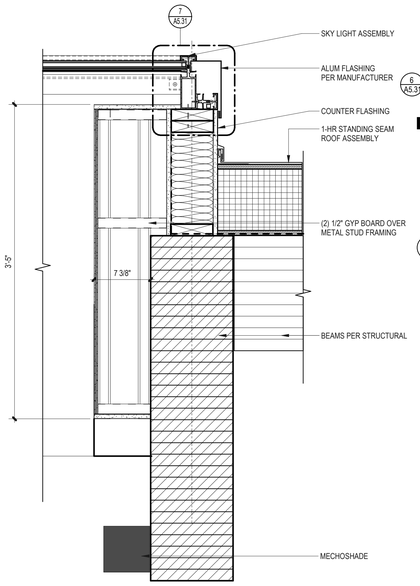
1 SPECIFIC FASTENING REQUIREMENTS ARE NOT INDICATED, AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING UPON PANEL MANUFACTURER'S REQUIREMENTS, WIND ZONE AND BUILDING CODE

17 RAKE AT BEAM
1 1/2" = 1'-0"

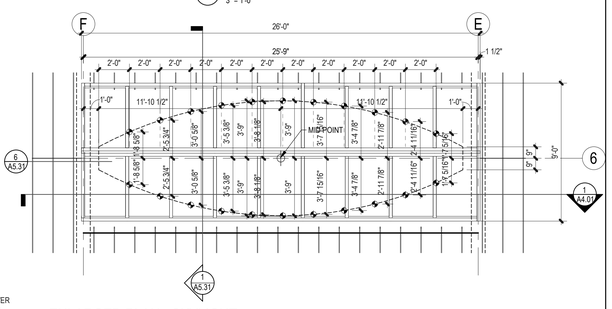


21 RAKE EDGE FLASHING
3" = 1'-0"

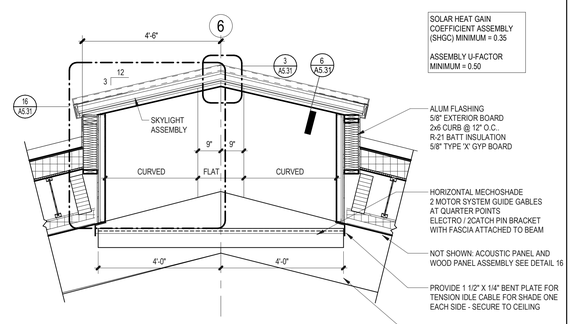
16 SKYLIGHT CURB DETAIL
1 1/2" = 1'-0"



6 SKYLIGHT DETAIL AT RAKE
1 1/2" = 1'-0"



2 ENLARGED PLAN - SKYLIGHT
1/4" = 1'-0"



1 SKYLITE RIDGE SECTION
1/2" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

METAL ROOF AND SKYLIGHT FRAMING AND DETAILS

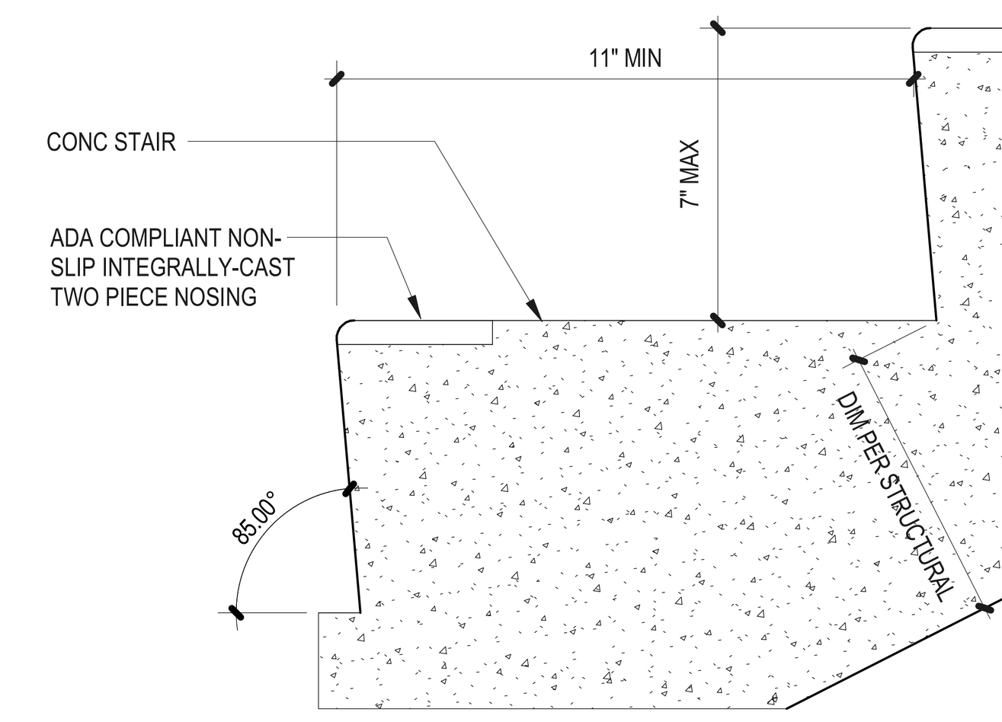
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 4	11/28/18
	ADDENDUM 7	01/04/19
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

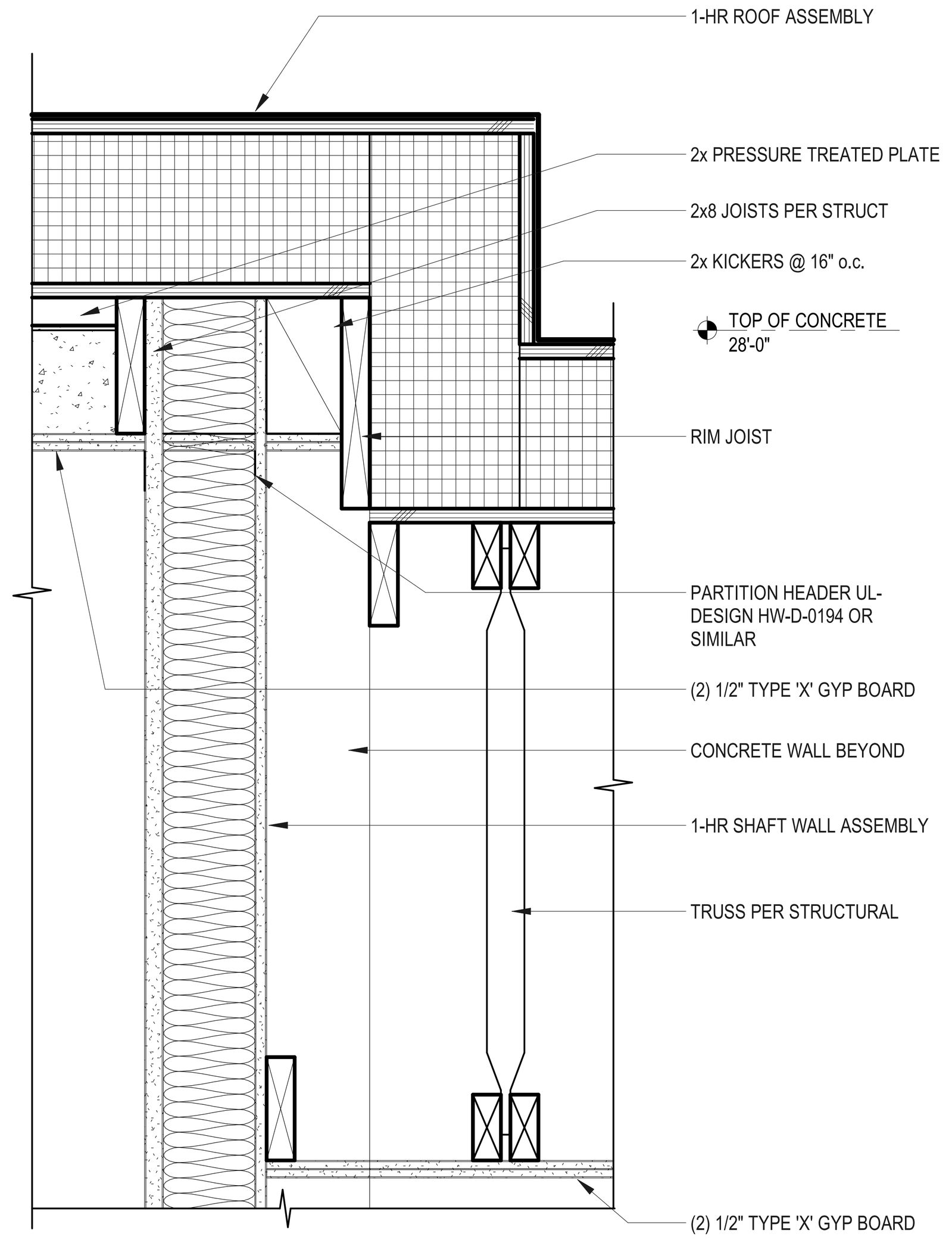
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: RL

SHEET NO
A5.31

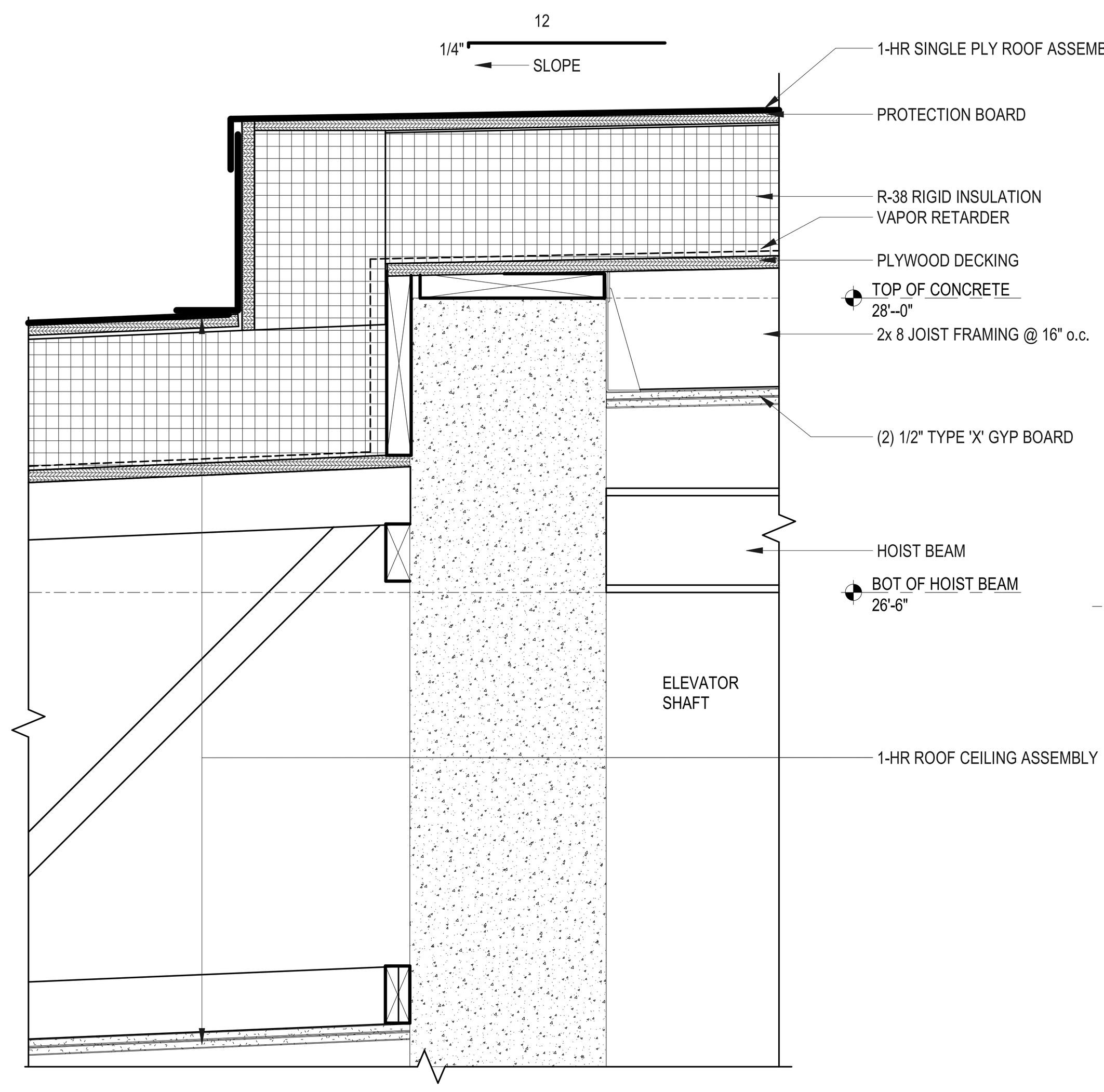
7/9/2020 12:46:00 PM C:\Users\mcogorski\Documents\17031 Tulalip Gathering Hall- Central_mcogorski@TGBArchitects.com.rvt



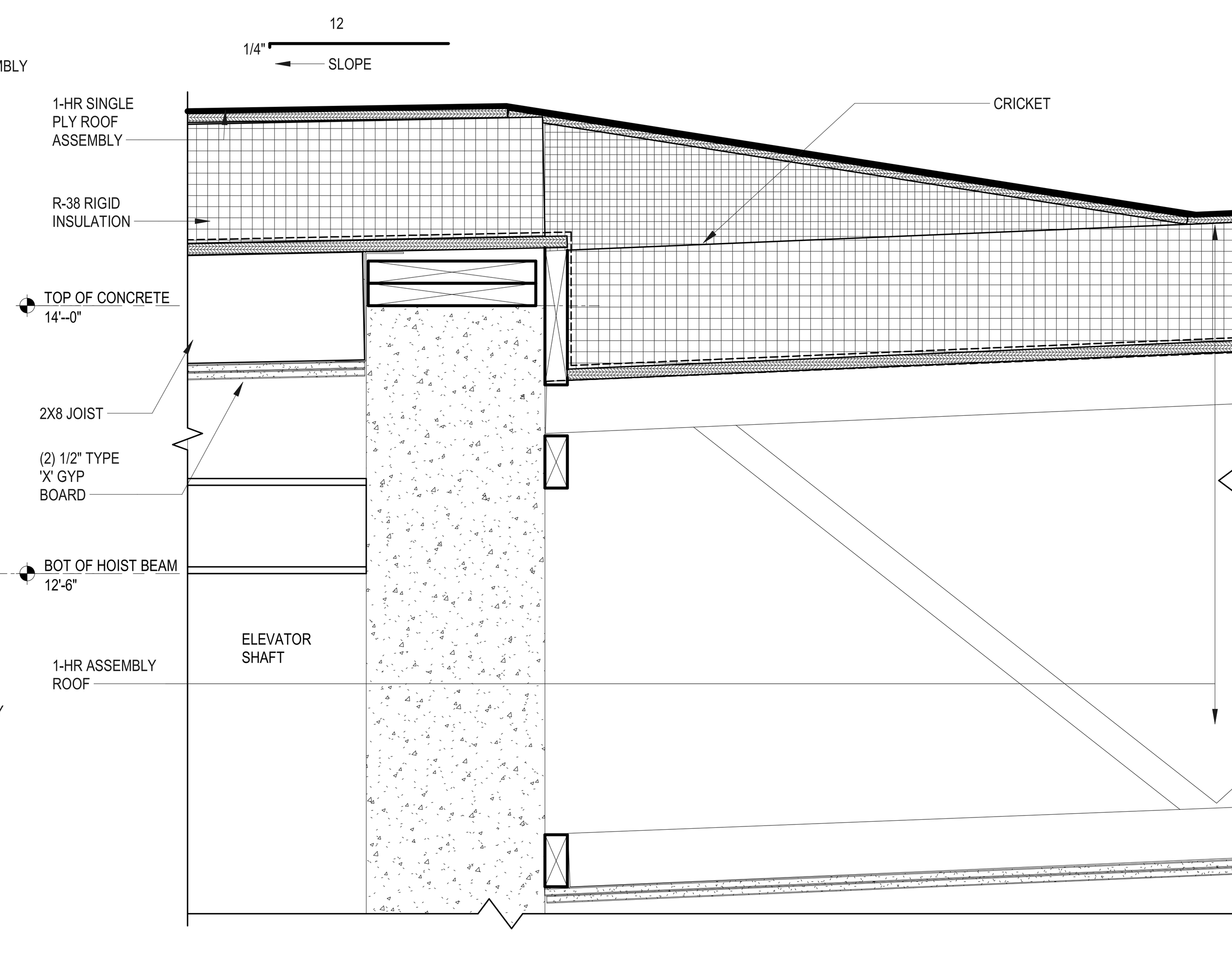
24 CONCRETE TREAD & RISER
3" = 1'-0"



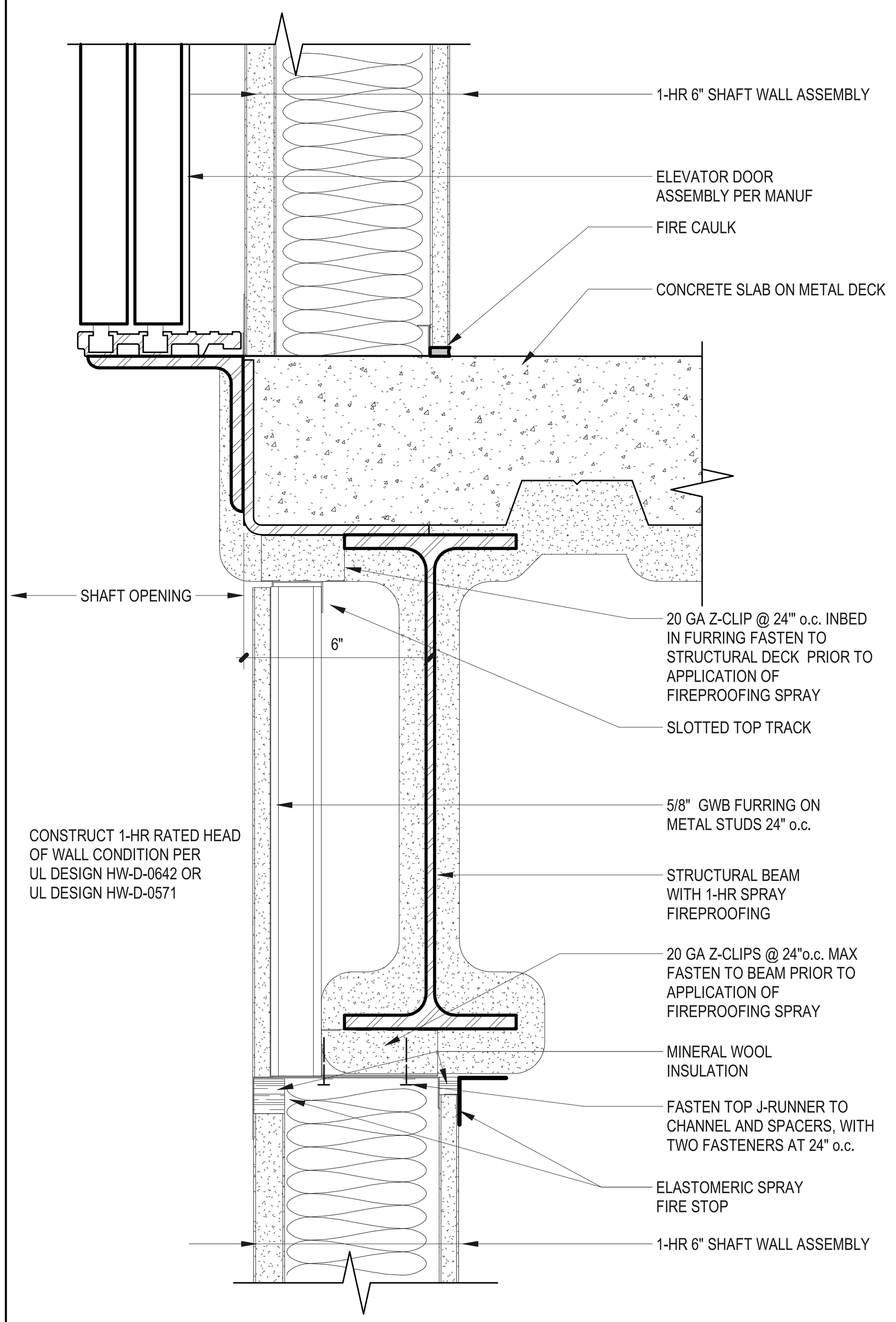
19 ELEVATOR SHAFT AT ROOF
1 1/2" = 1'-0"



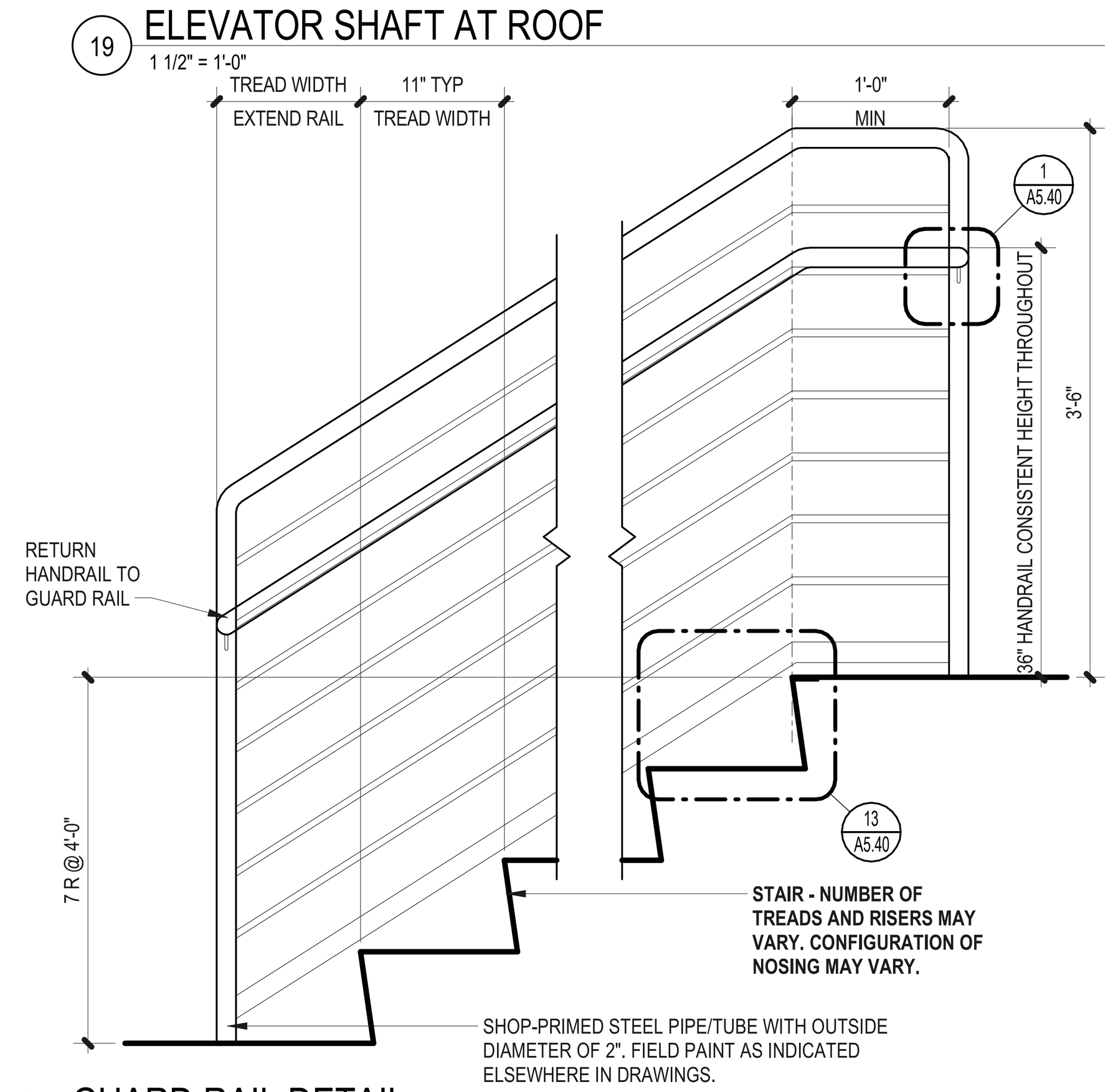
14 ELEVATOR ROOF RAKE DETAIL
1 1/2" = 1'-0"



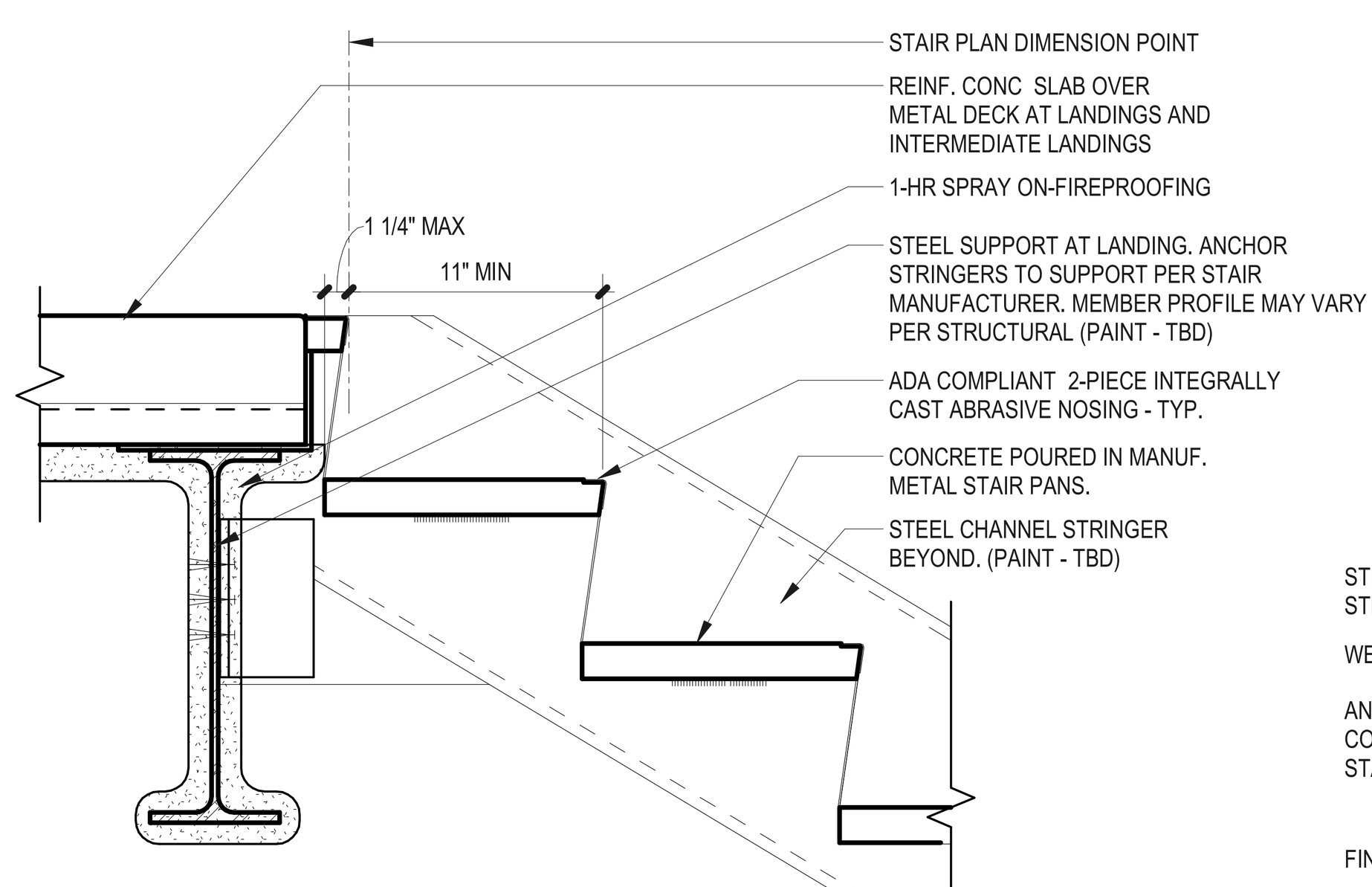
7 ELEVATOR ROOF CRICKET
1 1/2" = 1'-0"



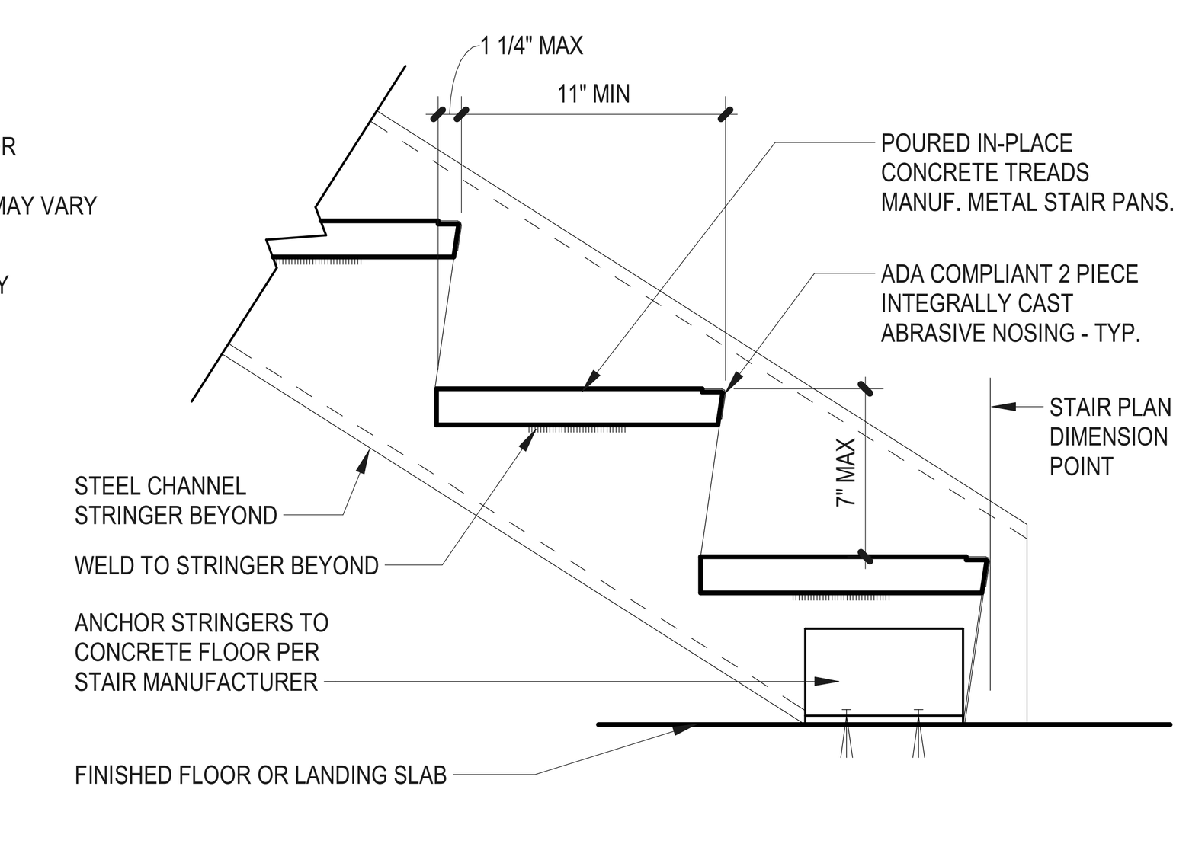
23 ELEVATOR SHAFT AT BEAM
3" = 1'-0"



18 GUARD RAIL DETAIL
1" = 1'-0"

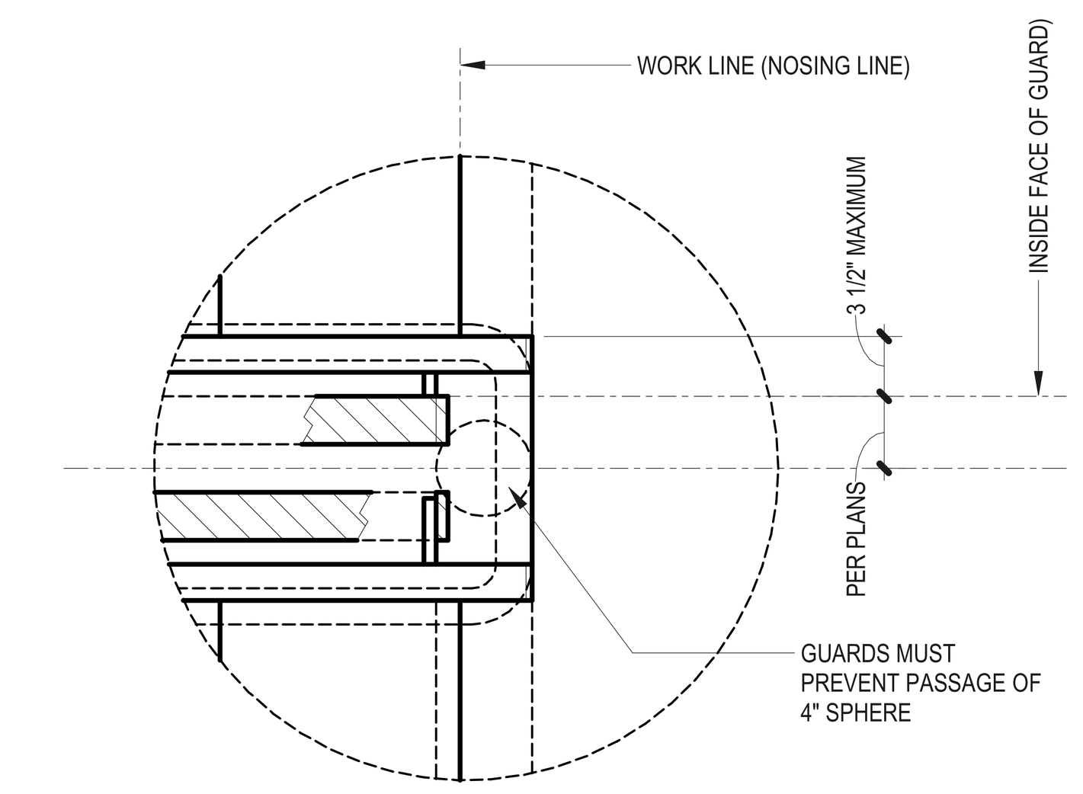


13 C2010.10 - STAIR TREAD & RISER - METAL PAN
1 1/2" = 1'-0"

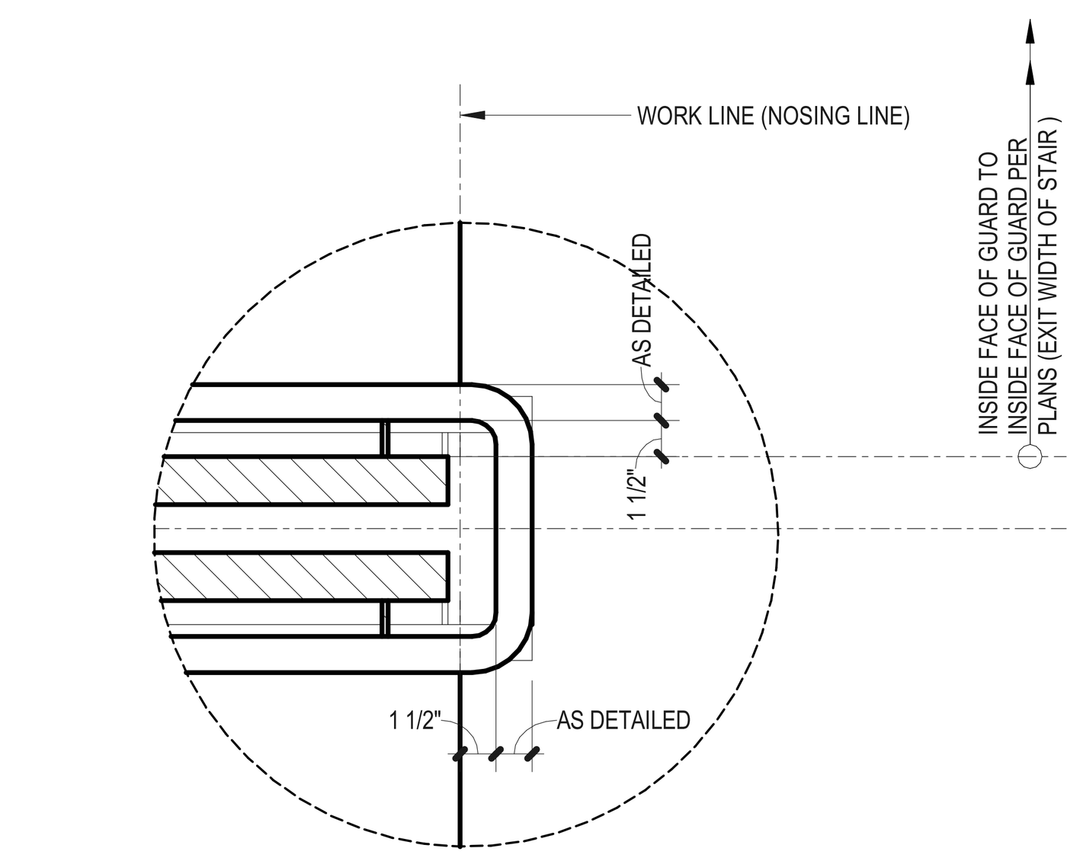


CONCRETE METAL STAIR PAN (BOTTOM)

8 C2010.04 METAL PAN BOTTOM
1 1/2" = 1'-0"

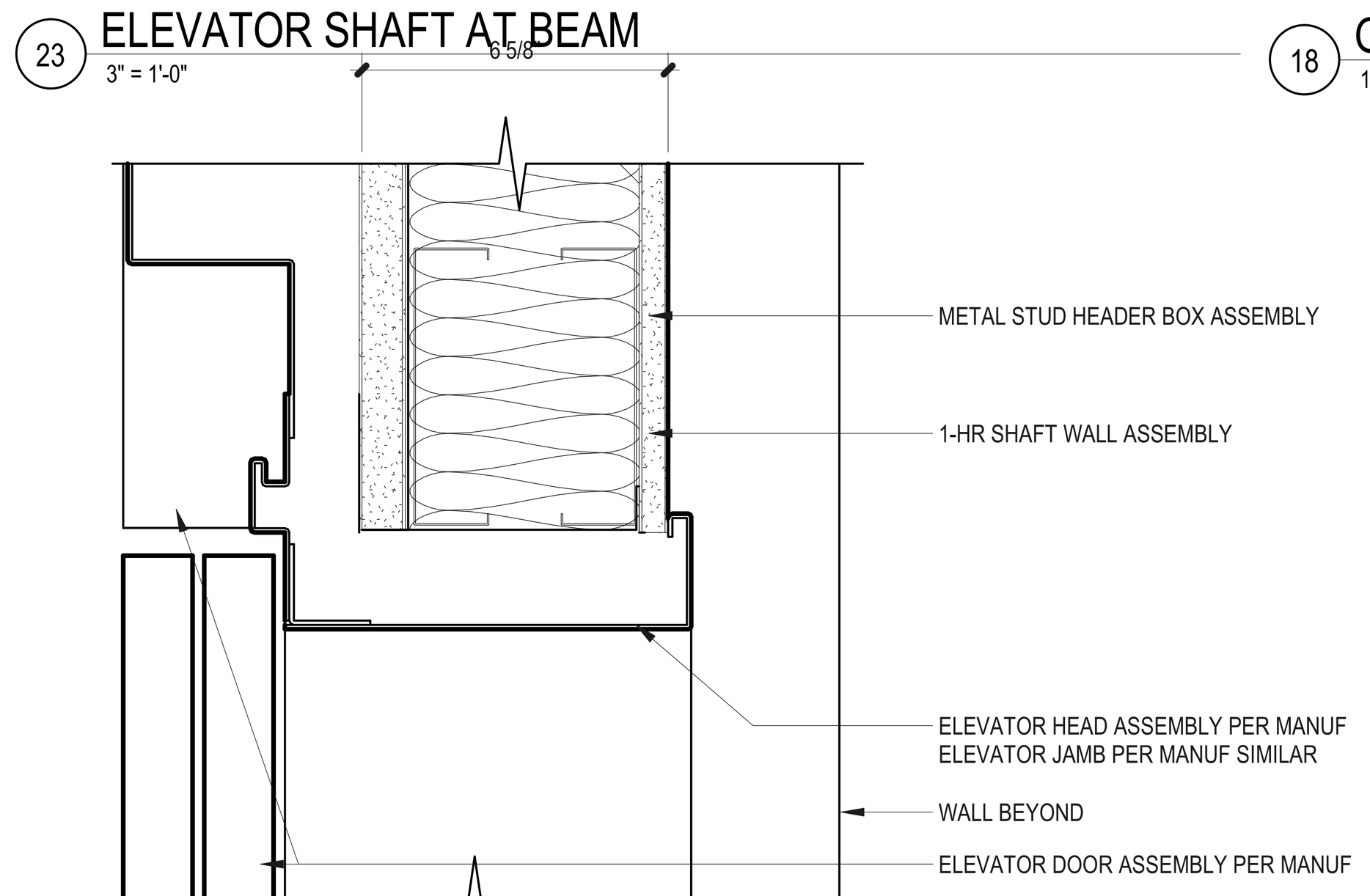


PLAN AT INSIDE TURN (CUT ABOVE LANDING)

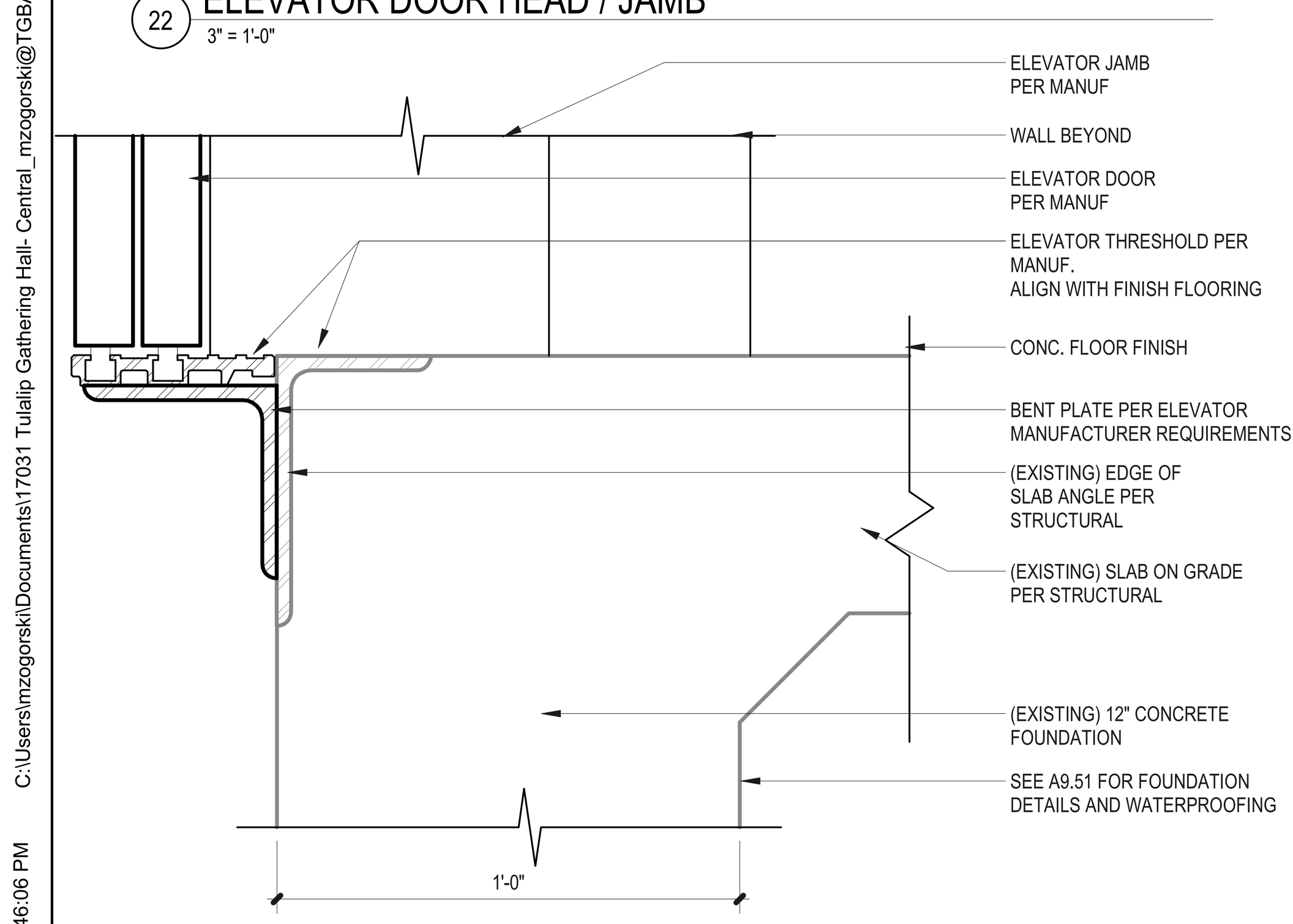


PLAN AT INSIDE TURN (CUT ABOVE GUARDS AND HANDRAILS)

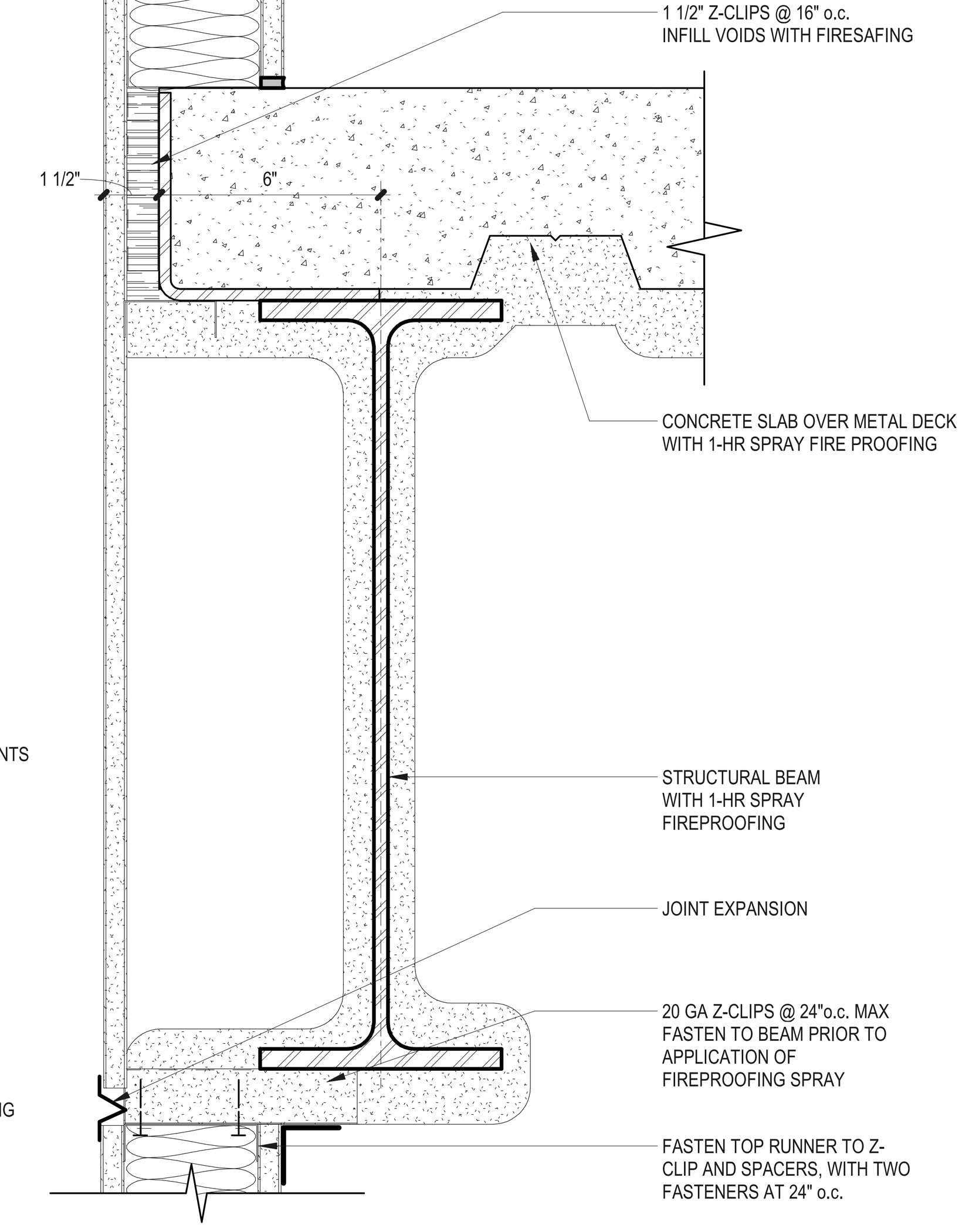
2 STAIR INSIDE HANDRAIL
1 1/2" = 1'-0"



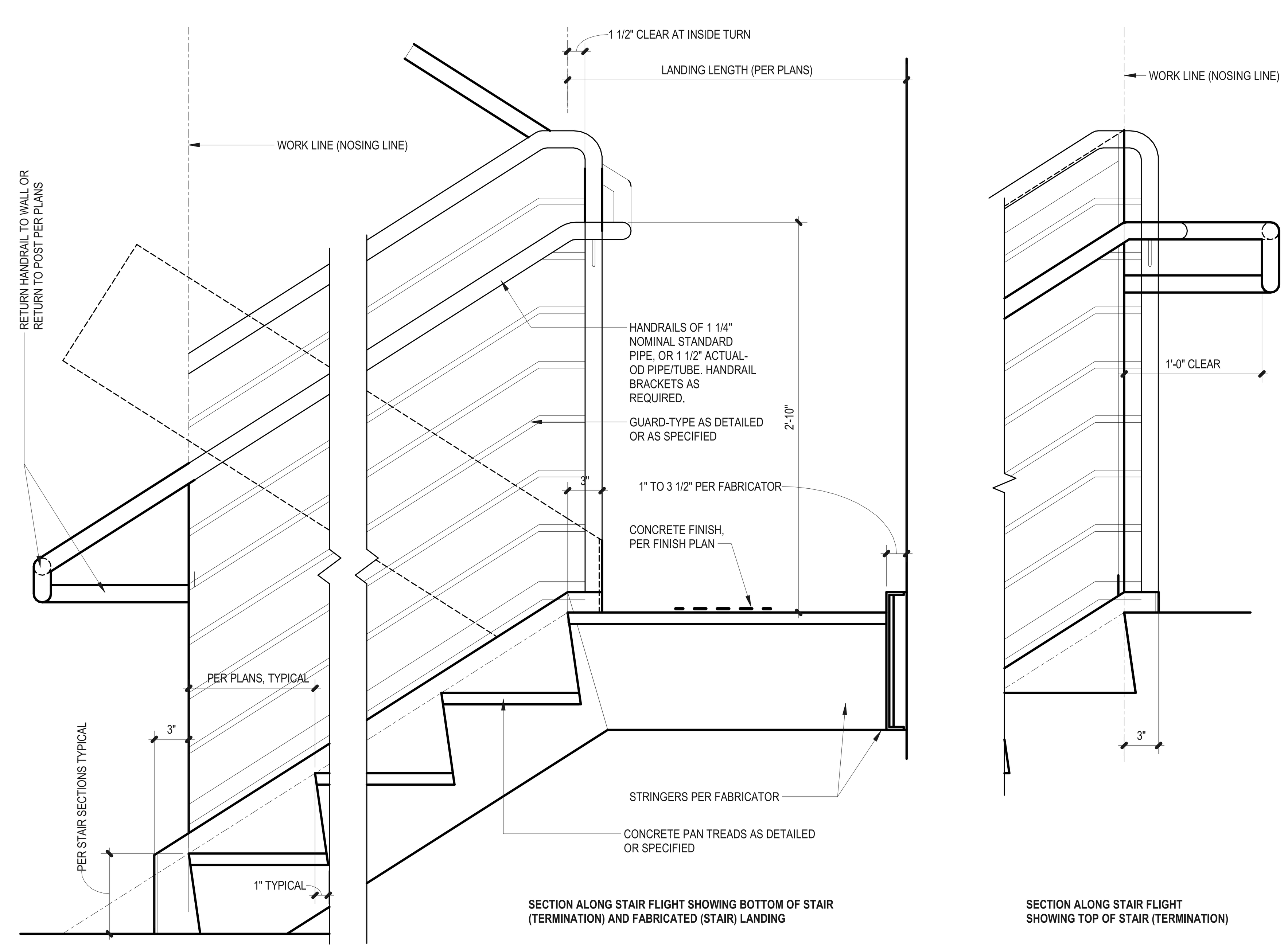
22 ELEVATOR DOOR HEAD / JAMB
3" = 1'-0"



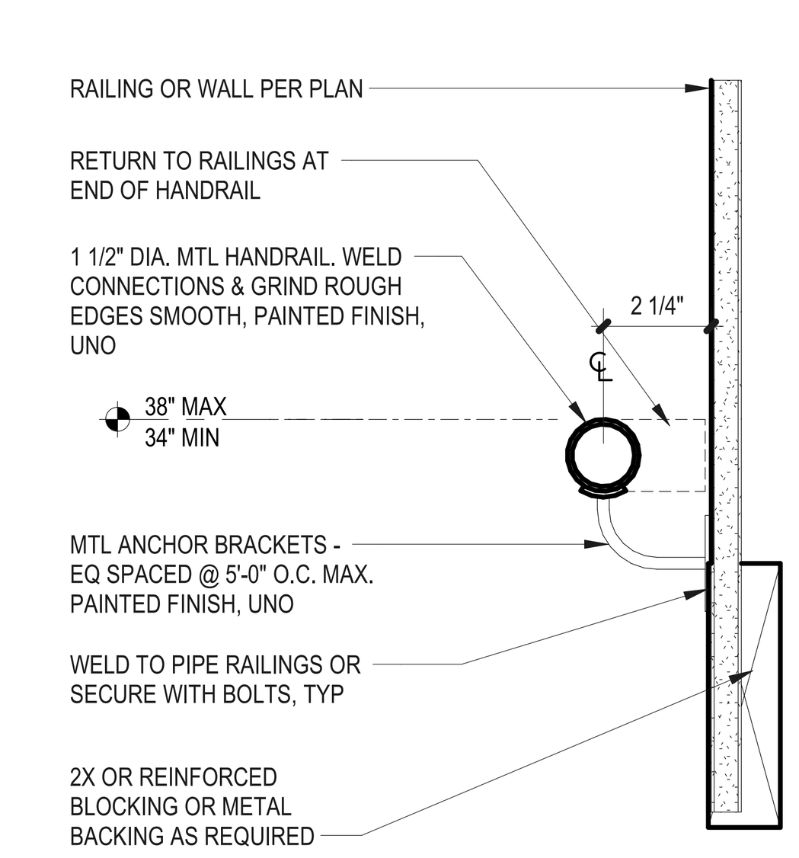
21 ELEVATOR DOOR SILL
3" = 1'-0"



16 STAIR WALL AT SLAB
3" = 1'-0"



12 C2010.11 - STAIR (BASIC) - STEEL
1 1/2" = 1'-0"



1 TYPICAL HANDRAIL SECTION
3" = 1'-0"

C:\Users\mzogorski\Documents\17031 Tulalip Gathering Hall- Central_mzogorski@TGBArchitects.com.rvt
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3626 REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

ELEVATOR AND STAIR DETAILS

ISSUANCE

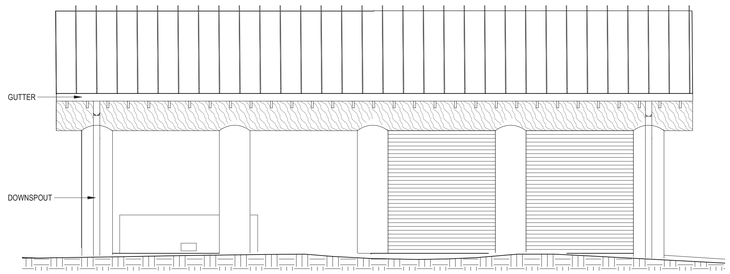
No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT COMMENTS	12/12/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION

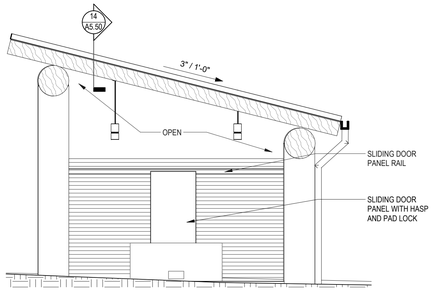
PROJECT NUMBER:	17031
PROJECT LEAD:	DC
DRAWN BY:	RL

SHEET NO

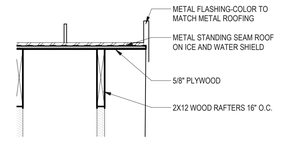
A5.40



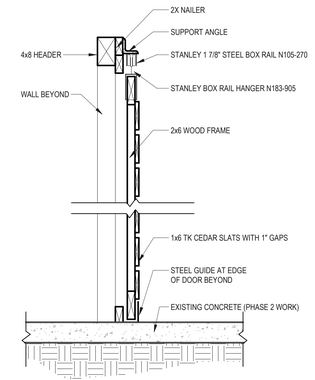
13 KITCHEN NORTH ELEVATION
1/4" = 1'-0"



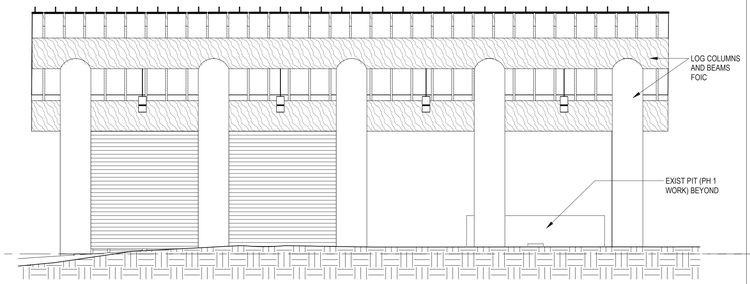
11 KITCHEN EAST ELEVATION
1/4" = 1'-0"



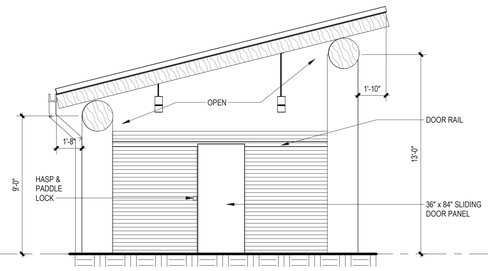
14 ROOF RAKE EDGE
1" = 1'-0"



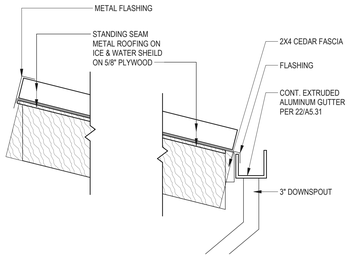
9 OUT DOOR KITCHEN SLIDING DOOR
1" = 1'-0"



8 KITCHEN SOUTH ELEVATION
1/4" = 1'-0"

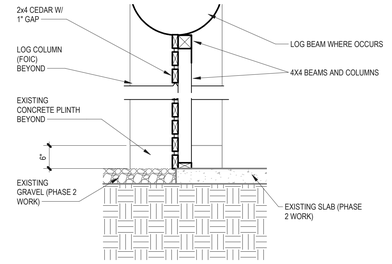


7 KITCHEN WEST ELEVATION
1/4" = 1'-0"

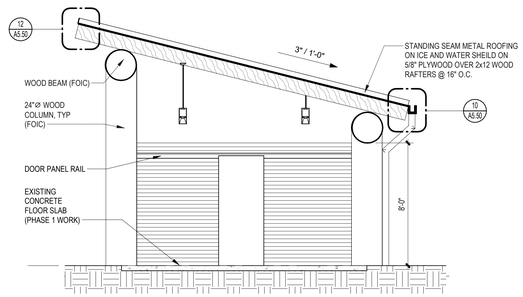


12 ROOF EDGE 1
1" = 1'-0"

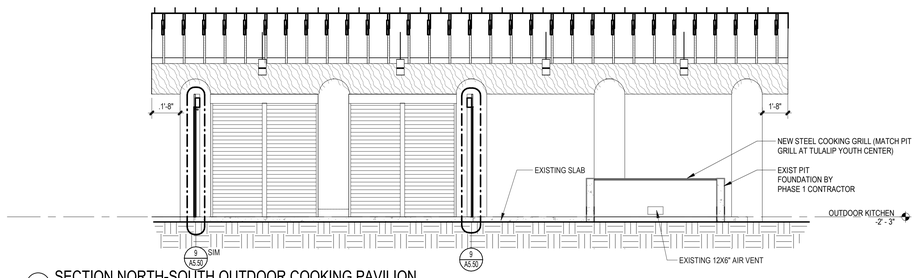
10 GUTTER DETAIL
1" = 1'-0"



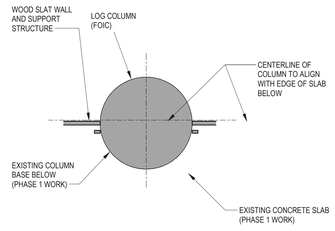
6 TYPICAL OUTDOOR KITCHEN WALL - SECTION VIEW
3/4" = 1'-0"



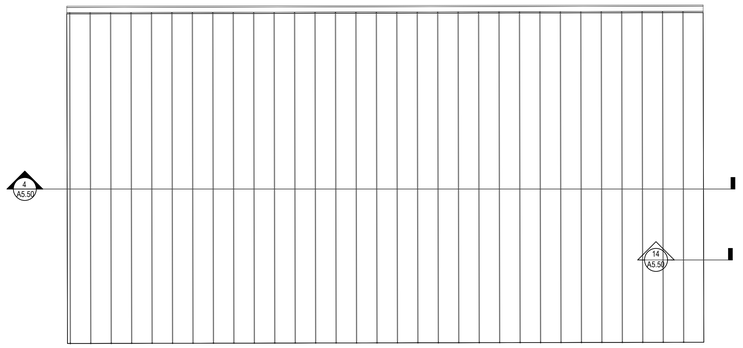
5 SECTION EAST-WEST OUTDOOR COOKING PAVILION
1/4" = 1'-0"



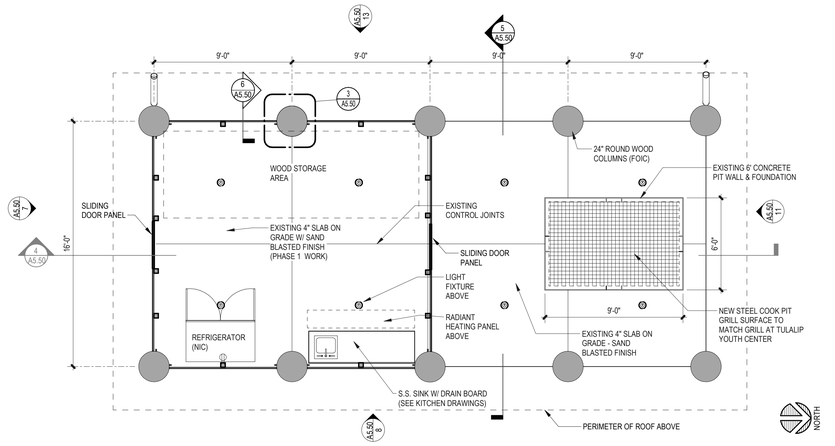
4 SECTION NORTH-SOUTH OUTDOOR COOKING PAVILION
1/4" = 1'-0"



3 OUTDOOR KITCHEN COLUMN
3/4" = 1'-0"



2 ENLARGED PLAN - OUTDOOR KITCHEN ROOF PLAN
1/4" = 1'-0"



1 ENLARGED PLAN - OUTDOOR KITCHEN
1/4" = 1'-0"

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REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

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PHASE 2 - BUILDING AND LANDSCAPING

OUTDOOR COOKING PAVILION

ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 1 RECORD SET	06/01/20
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: KG
DRAWN BY: DC

SHEET NO
A5.50

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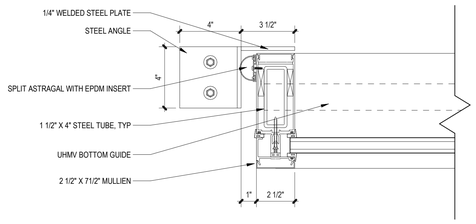
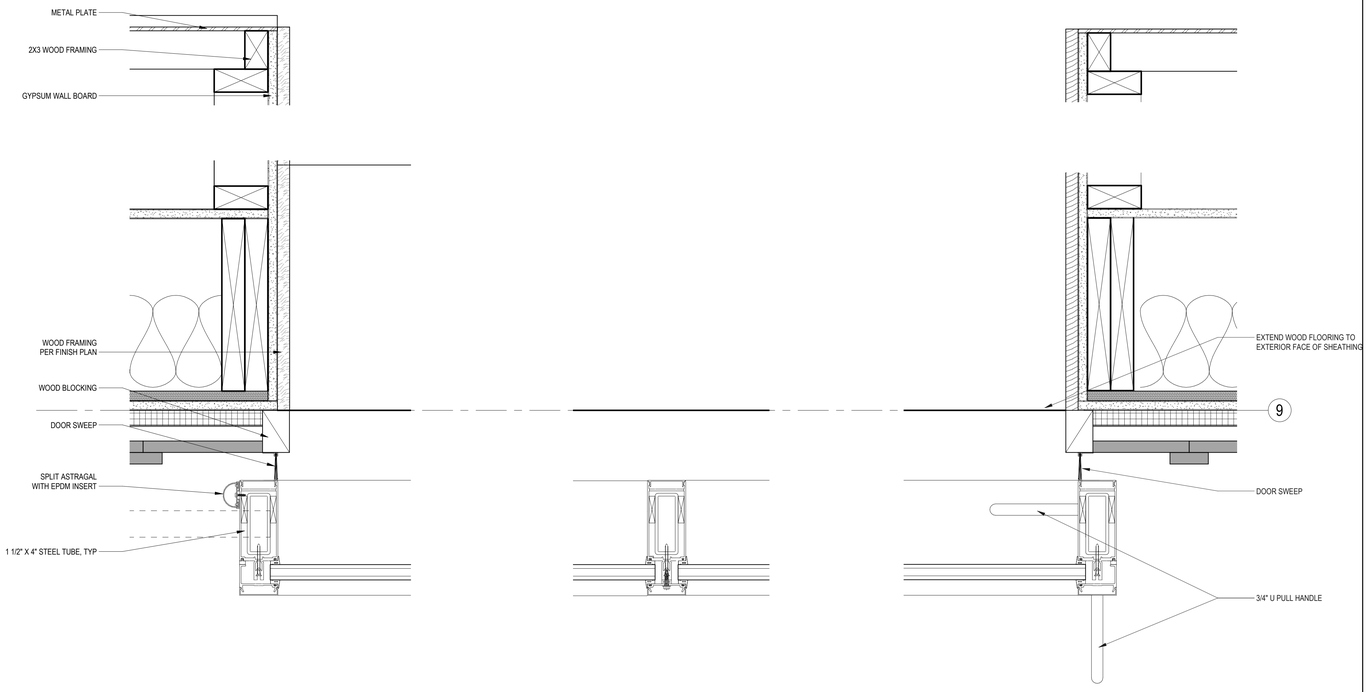


3 SLIDING CURTAIN WALL TRACK BUMPER
3" = 1'-0"

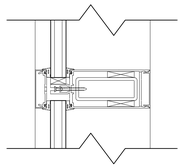


2 SLIDING CURTAIN WALL JAMB DETAIL
3" = 1'-0"

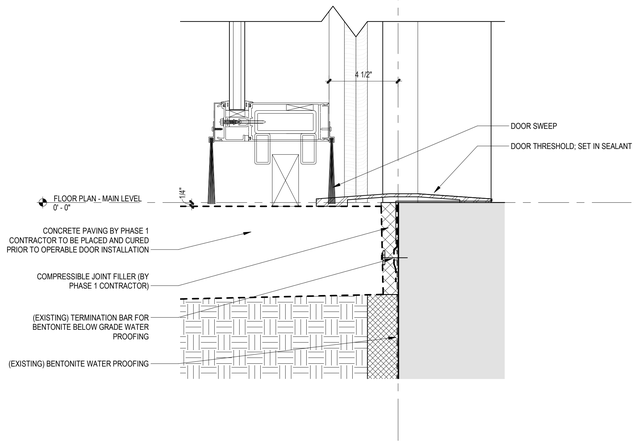
4 SLIDING CURTAIN WALL MULLION
3" = 1'-0"

6 SLIDING CURTAIN WALL HANDLE JAMB
3" = 1'-0"

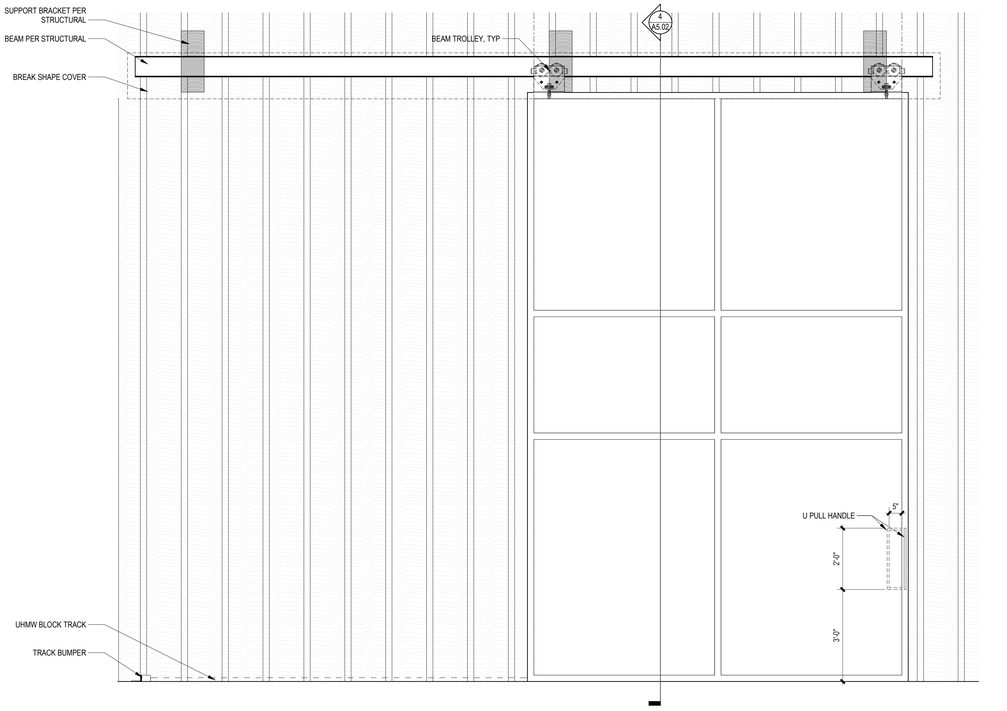
9



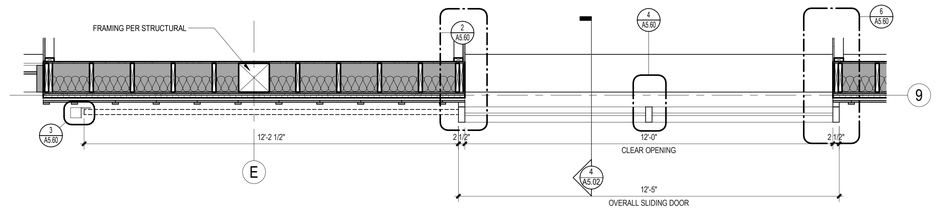
8 SLIDING CURTAIN WALL SECTION AT MULLION
3" = 1'-0"



7 SECTION DETAIL - OPERABLE DOOR SILL
3" = 1'-0"



5 SLIDING CURTAIN WALL ELEVATION
1/2" = 1'-0"



1 SLIDING CURTAIN WALL JAMB
1/2" = 1'-0"

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TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

SLIDING CURTAIN WALL

ISSUANCE

No.	Description	Date
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

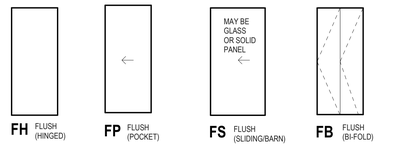
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: AB

SHEET NO
A5.60

DOOR NO.	ROOM NAME	WIDTH	HEIGHT	FIRE RATING	GLAZING TYPE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	DC/CR	HW SET	HARDWARE DESC	COMMENTS
101	MECHANICAL	6' - 0"	7' - 0"			FH	WD	PAINT	A	HM	PAINT	CR	1	STOREROOM LOCKSET, CLOSER	PAIR
101A	MECHANICAL	3' - 0"	7' - 0"			FH	WD	PAINT	A	HM	PAINT	DC	29	STOREROOM LOCKSET, CLOSER	
102A	STORAGE	6' - 0"	7' - 0"			FH	HM	PAINT	A	HM	PAINT	DC	2	STOREROOM LOCKSET, CLOSER	PAIR
102B	STORAGE	6' - 0"	7' - 0"			FH	HM	PAINT	A	HM	PAINT	DC	2	STOREROOM LOCKSET, CLOSER	PAIR
102C	STORAGE	6' - 0"	7' - 0"	45 MIN		FH	WD	STAIN	A	HM	PAINT	CR	3	STOREROOM LOCKSET, CLOSER	PAIR
102D	STORAGE	6' - 0"	7' - 0"	45 MIN		FH	WD	STAIN	A	HM	PAINT	CR	3	STOREROOM LOCKSET, CLOSER	PAIR
103B	CORRIDOR	6' - 0"	7' - 0"		SAFETY	SH	ALUM	BLK ANODIZED	A	ALUM	BLK ANODIZED	CR	4	ENTRANCE LOCKSET, PANIC HARDWARE, CLOSER	PAIR
104	OFFICE/WORKSHOP	3' - 0"	7' - 0"		SAFETY	NG	WD	STAIN	A	HM	PAINT	CR	5	OFFICE LOCKSET, CLOSER	
106	MEN	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT		6	PUSH/PULL, CLOSER	
107	MEN	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT		6	PUSH/PULL, CLOSER	
108	WOMEN	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT		6	PUSH/PULL, CLOSER	
109	WOMEN	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT		6	PUSH/PULL, CLOSER	
110A	ELEC.	3' - 0"	7' - 0"			FH	WD	PAINT	A	HM	PAINT	CR	7	PANIC HARDWARE, CLOSER, STOREROOM LOCKSET	
110B	ELEC.	3' - 0"	7' - 0"			FH	WD	PAINT	A	HM	PAINT	CR	8	PANIC HARDWARE, CLOSER, STOREROOM LOCKSET	
111	STAIR	3' - 0"	7' - 0"	60 MIN	SAFETY	NG	WD	STAIN	A	HM	PAINT		9	PANIC HARDWARE, CLOSER	
112	MACH RM	3' - 6"	7' - 0"			FH	WD	PAINT	A	HM	PAINT	CR	10	STOREROOM LOCKSET, CLOSER	
114	STORAGE	6' - 0"	7' - 0"	45 MIN		FH	WD	STAIN	A	HM	PAINT	CR	11	STOREROOM LOCKSET, CLOSER	PAIR
115	DATA	3' - 0"	7' - 0"	45 MIN		FH	WD	PAINT	A	HM	PAINT	CR	12	STOREROOM LOCKSET, CLOSER	
116	SPRINKLER RISER / FIRE PUMP ROOM	3' - 0"	7' - 0"	45 MIN		FH	WD	PAINT	A	HM	PAINT	CR	5	STOREROOM LOCKSET, CLOSER	
201A	LOBBY	15' - 0"	7' - 8"			SS	ALUM	BLK ANODIZED	A	ALUM	BLK ANODIZED	CR	14	HARDWARE BY VENDOR	AUTO SLIDER WITH BREAK OUT FEATURE, MOTION DETECTION
201B	LOBBY	6' - 10 1/2"	7' - 10 3/4"		SAFETY	SH	ALUM	BLK ANODIZED	A	ALUM	BLK ANODIZED	DC	18	PANIC HARDWARE, CLOSER, CLASSROOM LOCKSET	PAIR
201C	LOBBY	6' - 10 1/2"	7' - 10 3/4"		SAFETY	SH	ALUM	BLK ANODIZED	A	ALUM	BLK ANODIZED	DC	18	PANIC HARDWARE, CLOSER, CLASSROOM LOCKSET	PAIR
202	FAMILY TLT.	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT		28	PRIVACY LOCK, CLOSER	21
203	MEN	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT		6	PUSH/PULL, CLOSER	WIRE FOR FUTURE AO
204	VIDEO	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT	CR	5	CLASSROOM LOCKSET	21
204A	LOBBY	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT		5	OFFICE LOCKSET, CLOSER	
205	CORRIDOR	6' - 0"	7' - 0"		SAFETY	NG	WD	STAIN	A	HM	PAINT	DC	20	PANIC HARDWARE, LOCK, CLOSER	PAIR
206	WOMEN	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT		6	PUSH/PULL, CLOSER	WIRE FOR FUTURE AO
209A	GATHERING HALL	7' - 9 1/2"	7' - 10 3/4"		SAFETY	SH	ALUM	BLK ANODIZED	C	ALUM	BLK ANODIZED	DC	21	ENTRANCE LOCKSET, PANIC HARDWARE, CLOSER	PAIR
209B		12' - 0"	19' - 0"		SAFETY	SS	ALUM	BLK ANODIZED	A	ALUM	BLK ANODIZED	DC	14	BY SLIDING DOOR MGR	
209C	GATHERING HALL	7' - 9 1/2"	7' - 10 3/4"		SAFETY	SH	ALUM	BLK ANODIZED	C	ALUM	BLK ANODIZED	DC	15	ENTRANCE LOCKSET, PANIC HARDWARE, CLOSER	PAIR
209D		12' - 0"	19' - 0"		SAFETY	SS	ALUM	BLK ANODIZED	A	ALUM	BLK ANODIZED	DC	14	BY SLIDING DOOR MGR	
209E	GATHERING HALL	7' - 9 1/2"	7' - 10 3/4"		SAFETY	SH	ALUM	BLK ANODIZED	C	ALUM	BLK ANODIZED	DC	21	ENTRANCE LOCKSET, PANIC HARDWARE, CLOSER	PAIR
209F	GATHERING HALL	6' - 0"	7' - 10 3/4"		SAFETY	SH	ALUM	BLK ANODIZED	C	ALUM	BLK ANODIZED	DC	21	ENTRANCE LOCKSET, PANIC HARDWARE, CLOSER	PAIR
209G	GATHERING HALL	6' - 0"	7' - 10 3/4"		SAFETY	SH	ALUM	BLK ANODIZED	C	ALUM	BLK ANODIZED	DC	21	ENTRANCE LOCKSET, PANIC HARDWARE, CLOSER	PAIR
209H	GATHERING HALL	6' - 0"	7' - 10 3/4"		SAFETY	SH	ALUM	BLK ANODIZED	A	ALUM	BLK ANODIZED	DC	21	ENTRANCE LOCKSET, PANIC HARDWARE, CLOSER	PAIR
209I	CORRIDOR	6' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT	DC	22	PUSH/PULL, CLOSER	PAIR
209J	CORRIDOR	6' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT	DC	22	PUSH/PULL, CLOSER	PAIR
209K	ALCOVE	6' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT	DC	30	PUSH/PULL, CLOSER	PAIR
209L	GATHERING HALL	6' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT	DC	30	PUSH/PULL, CLOSER	PAIR
209M	GATHERING HALL	6' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT	DC	30	PUSH/PULL, CLOSER	PAIR
210	CORRIDOR	6' - 0"	7' - 0"		SAFETY	SH	ALUM	BLK ANODIZED	A	ALUM	BLK ANODIZED	DC	4	ENTRANCE LOCKSET, PANIC HARDWARE, CLOSER	PAIR
211A	CONFERENCE ROOM #1	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT	DC	23	PANIC HARDWARE, CLASSROOM LOCKSET, CLOSER	
211B	CONFERENCE ROOM #1	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT	CR	5	CLASSROOM LOCKSET, CLOSER	
212A	CONFERENCE ROOM #2	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT	CR	5	CLASSROOM LOCKSET, CLOSER	
212B	CONFERENCE ROOM #2	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT	DC	23	PANIC HARDWARE, CLASSROOM LOCKSET, CLOSER	
214	WOMEN	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT		6	PUSH/PULL, CLOSER	
215	MEN	3' - 0"	7' - 0"			FH	WD	STAIN	A	HM	PAINT		6	PUSH/PULL, CLOSER	
216	JANITOR	3' - 0"	7' - 0"			FH	WD	PAINT	A	HM	PAINT	CR	5	STOREROOM LOCKSET, CLOSER	
217A	STAIR	3' - 0"	7' - 0"			FH	HM	PAINT	A	HM	PAINT	DC	24	STOREROOM LOCKSET, PANIC HARDWARE, CLOSER	
217B	STAIR	3' - 0"	7' - 0"	60 MIN	SAFETY	NG	WD	STAIN	A	HM	PAINT	CR	16	PANIC HARDWARE, CLOSER	
218A	BUFFET SERVING	3' - 0"	7' - 0"			FH	HM	PAINT	A	HM	PAINT	CR	13	ENTRANCE LOCKSET, PANIC HARDWARE, CLOSER	PAIR
218B	KITCHEN ASSEMBLY & SERVING	6' - 0"	7' - 0"		SAFETY	NG	WD	STAIN	A	HM	PAINT		27	CLASSROOM LOCKSET, HEAD & FLOOR BOLT ON ONE LEAF, CLOSERS	ALTERNATE SWING
218C	BUFFET SERVING	10' - 0"	9' - 2"			OHD	ALUM	PAINT	A	HM	PAINT	DC	14	BY MANUFACTURER	POWER OPERATED, FIELD MEASURE HEIGHT
219A	KITCHEN ASSEMBLY & SERVING	3' - 0"	7' - 0"		SAFETY	NG	WD	STAIN	HM	HM	PAINT		25	CLASSROOM LOCKSET	
219B	KITCHEN ASSEMBLY & SERVING	3' - 0"	7' - 0"		SAFETY	NG	WD	STAIN	HM	HM	PAINT		26	CLASSROOM LOCKSET	
221	KITCHEN PREP AREA	3' - 6"	7' - 0"			FH	HM	PAINT	HM	HM	PAINT	CR	17	ENTRANCE LOCKSET, CLOSER	
223	DRY STOR	3' - 0"	7' - 0"			FH	WD	PAINT	HM	HM	PAINT	CR	12	OFFICE LOCKSET, CLOSER	
224	OFFICE	3' - 0"	7' - 0"			FH	WD	STAIN	HM	HM	PAINT	CR	5	OFFICE LOCKSET, CLOSER	
225	TOILET	3' - 0"	7' - 0"			FH	WD	STAIN	HM	HM	PAINT		28	PRIVACY LOCK, CLOSER	
226	JANITOR	3' - 0"	7' - 0"			FH	WD	STAIN	HM	HM	PAINT	CR	5	STOREROOM LOCKSET, CLOSER	

MARK	FRAME WIDTH	FRAME HEIGHT	SILL HEIGHT	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	GLAZING	COMMENTS
43	2' - 6 13/16"	2' - 8 1/4"			ALUM	BLK ANODIZED		
43	2' - 5 11/16"	2' - 8 1/4"			ALUM	BLK ANODIZED		
43	4' - 7"	1' - 8 1/4"			ALUM	BLK ANODIZED		
43	4' - 7"	1' - 8 1/4"			ALUM	BLK ANODIZED		
43	4' - 7"	1' - 8 1/4"			ALUM	BLK ANODIZED		
43	4' - 7"	1' - 8 1/4"			ALUM	BLK ANODIZED		
43	5' - 0"	2' - 0"			ALUM	BLK ANODIZED		
43	2' - 2 1/4"	2' - 9 1/2"			ALUM	BLK ANODIZED		
43	2' - 2 1/4"	2' - 9 1/2"			ALUM	BLK ANODIZED		
43	2' - 10 3/4"	1' - 8 1/4"			ALUM	BLK ANODIZED		
43	2' - 10 3/4"	1' - 8 1/4"			ALUM	BLK ANODIZED		

DOOR TYPE LEGEND

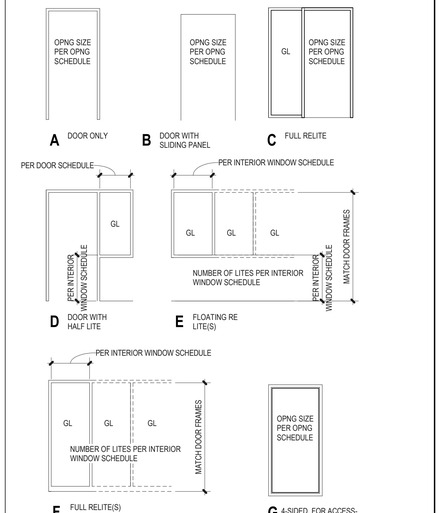


DOORS LISTED BELOW ARE NOT ILLUSTRATED

OHD OVERHEAD COILING DOOR

OHG OVERHEAD COILING GRILLE

FRAME TYPE LEGEND



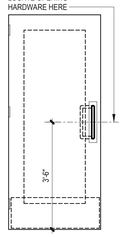
GENERAL NOTES FOR DOORS, FRAMES, RELITES, SIDELITES, AND HARDWARE

UNLESS OTHERWISE NOTED:

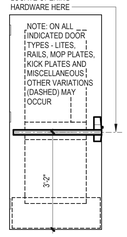
1. ALL DOOR TYPES ARE SHOWN AS SINGLE LEAFS, WHETHER SINGLE OR DOUBLE. SEE PLANS FOR ACTUAL CONFIGURATION AND SWING OF LEAFS.
2. AT HOLLOW METAL DOORS, ALL STILE SIZES, RAIL SIZES, LITE SIZES, AND LITE DETAILS SHALL BE PER STEEL DOOR INSTITUTE (SDI) STANDARDS, UNO.
3. AT WOOD DOORS, ALL STILE SIZES, RAIL SIZES, LITE SIZES, AND LITE DETAILS SHALL BE PER AMERICAN WOODWORK INSTITUTE (AWI) STANDARDS, UNO.
4. AT STOREFRONT DOORS, ALL STILE SIZES, RAIL SIZES, AND RAIL LOCATIONS SHALL BE PER THE MANUFACTURER'S STANDARD MEDIUM-STILE DOOR, UNO.
5. ALL GLAZING (IN DOOR LITES AND SIDE LITES SHALL BE (FULLY-TEMPERED)SAFETY GLASS, AND SHALL BE WIRE-FREE FIRE GLASS WHERE DOOR OPNG IS REQUIRED TO BE FIRE-RATED.
6. ALL EXTERIOR GLAZING SHALL BE 1" THICK INSULATED UNITS.

DOOR-HARDWARE LOCATIONS

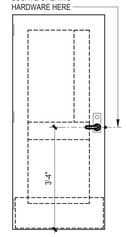
AT DOORS WITH PUSH PLATES, PULLS, HANDLES, CUPS, AND SIMILAR, NON-OPERABLE OPENING HARDWARE:



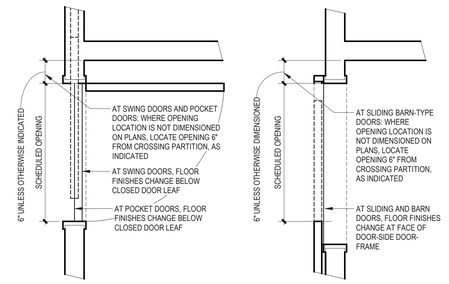
AT DOORS WITH PUSH BARS AND/OR PANIC BARS:



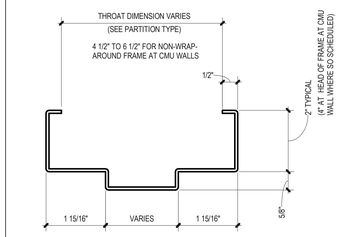
AT DOORS WITH LEVERS OR KNOBS, AND SIMILAR OPERABLE OPENING HARDWARE:



LOCATION OF DOORS ON FLOOR PLANS



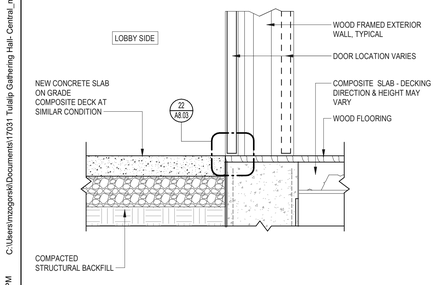
FRAME PROFILES



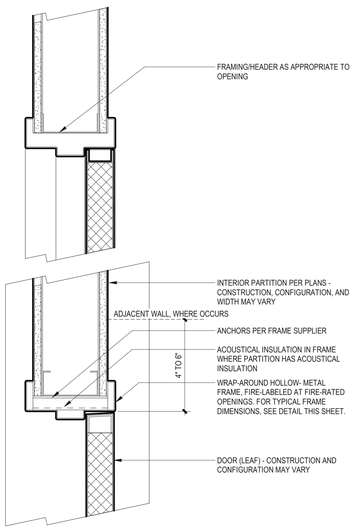
2 HM-FRAME CONFIGURATION1
6" = 1'-0"

EXTERIOR DOORS AND PENESTRATIONS ENERGY VALUES:

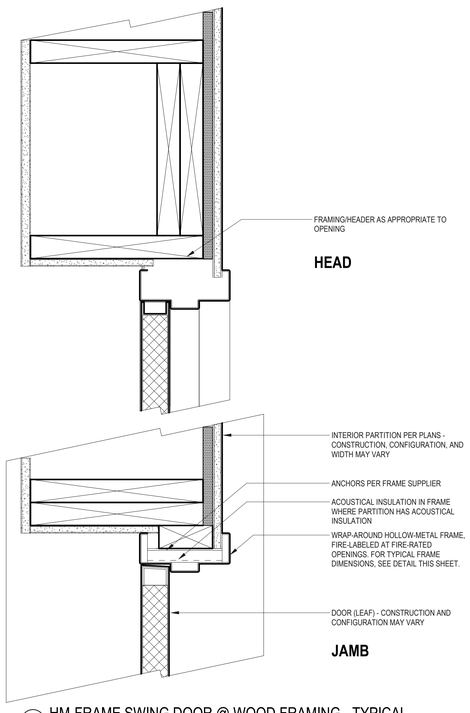
1. HOLLOW METAL DOORS ARE TO HAVE AN U-FACTOR OF 0.300 OR LESS.
2. OVERHEAD COILING DOOR R-VALUE OF 4.75 OR HIGHER



21 FLOOR TRANSITION AT DOOR
1" = 1'-0"



16 HM-FRAME SWING DOOR, TYPICAL
3" = 1'-0"



11 HM-FRAME SWING DOOR @ WOOD FRAMING - TYPICAL
3" = 1'-0"

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TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

LEGENDS & DETAILS - DOOR, WINDOW, AND HARDWARE

ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
21	PH 2 CCD 13	12/10/19
24	PH 2 CCD 15	03/02/20
	PH 2 RECORD SET	06/02/20

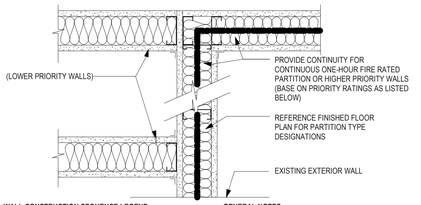
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: DC

SHEET NO

A6.01

24

7/9/2020 12:46:28 PM C:\Users\mzagorski\Documents\17031 Tulalip Gathering Hall- Central_mzagorski@TGBArchitects.com.rvt



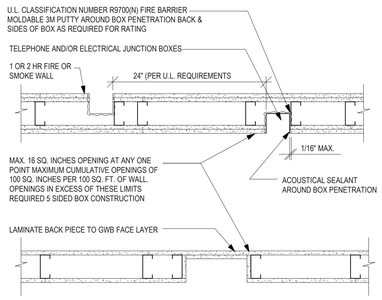
WALL CONSTRUCTION SEQUENCE LEGEND

TWO HOUR FIRE AND SMOKE WALL	PRIORITY 1 (HIGHEST)
TWO HOUR FIRE WALL	PRIORITY 2
TWO HOUR SHAFT WALL	PRIORITY 3
ONE HOUR FIRE AND SMOKE WALL	PRIORITY 4
ONE HOUR FIRE WALL	PRIORITY 5
SMOKE TIGHT PARTITION	PRIORITY 6
NON-RATED PARTITIONS	PRIORITY 7 (LOWEST)

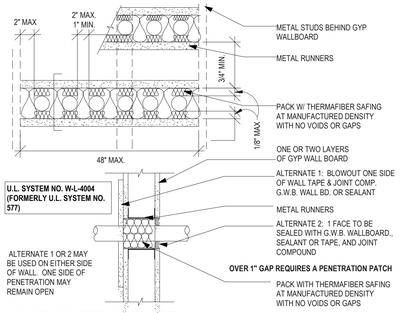
GENERAL NOTES

1. SCHEDULE CONSTRUCTION OF WALLS ACCORDING TO PRIORITY.
2. ALL PRIORITY 1 THRU 4 WALLS SHOULD BE FRAMES WITH ONE SIDE DRYWALLED AT THE 40% AHCA CONSTRUCTION SURVEY.
3. BOTH SIDES OF PRIORITY 1 THRU 4 WALLS SHALL BE SEALED AND STENCILED AT THE 80% AHCA CONSTRUCTION SURVEY.
4. REFER TO FLOOR PLAN AND PROJECT MANUAL FOR ANY SPECIFIC LEAD LINING REQUIREMENTS. (IF ANY)

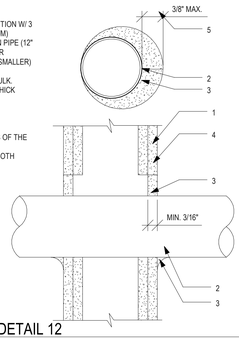
25 FIRE PENETRATION DETAIL 6
12" = 1'-0"



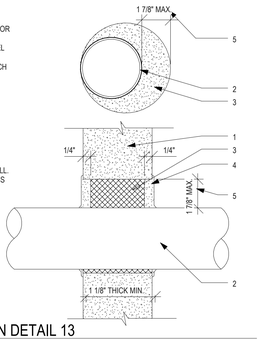
24 FIRE PENETRATION DETAIL 7
12" = 1'-0"



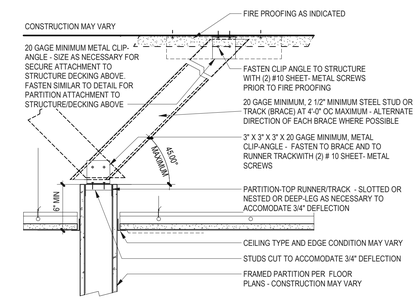
23 FIRE PENETRATION DETAIL 4
12" = 1'-0"



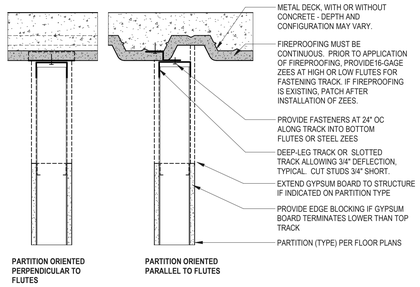
22 FIRE PENETRATION DETAIL 12
12" = 1'-0"



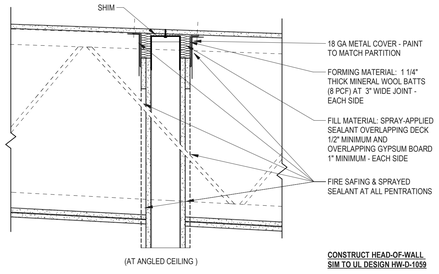
21 FIRE PENETRATION DETAIL 13
12" = 1'-0"



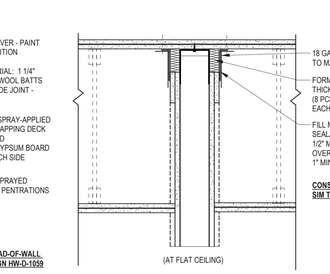
20 C1010.115 PARTITION TOP - BRACED 6" ABOVE CEILING
1 1/2" = 1'-0"



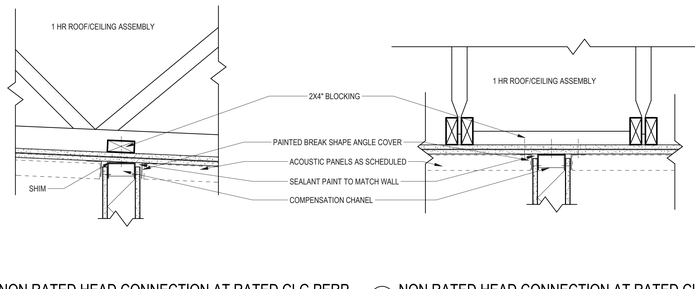
19 C1010.111 UNRATED PTN-HEAD AT FP COMPOSITE SLAB
1 1/2" = 1'-0"



18 FIRE BARRIER AT ROOF DECK - PERPENDICULAR
1 1/2" = 1'-0"

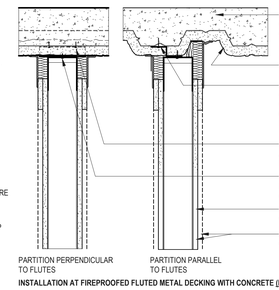


13 FIRE BARRIER AT ROOF DECK - PARALLEL
1 1/2" = 1'-0"



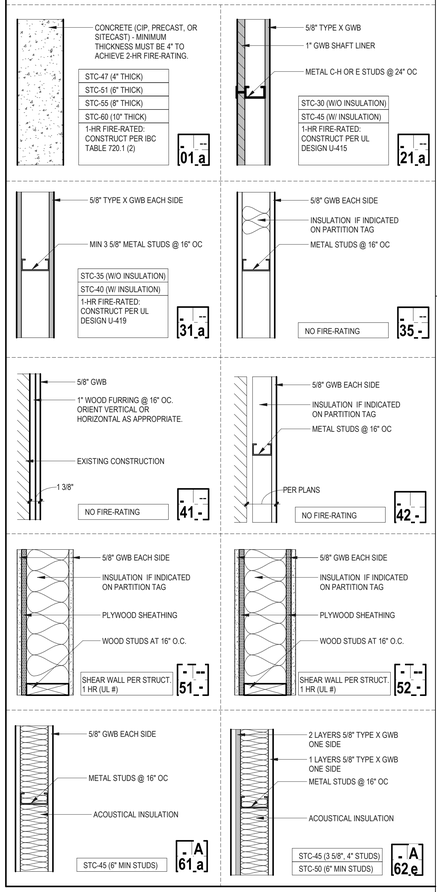
17 NON RATED HEAD CONNECTION AT RATED CLG PERP
1 1/2" = 1'-0"

12 NON RATED HEAD CONNECTION AT RATED CLG PARALLEL
1 1/2" = 1'-0"

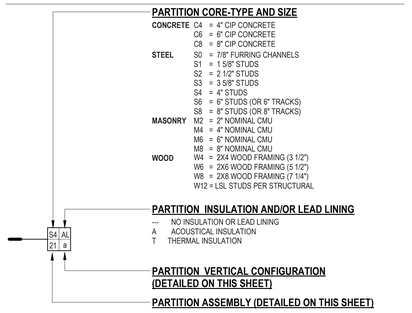


INSTALLATION AT FIREPROOFED FLUTED METAL DECKING WITH CONCRETE (EXCEPT AT ROOF)

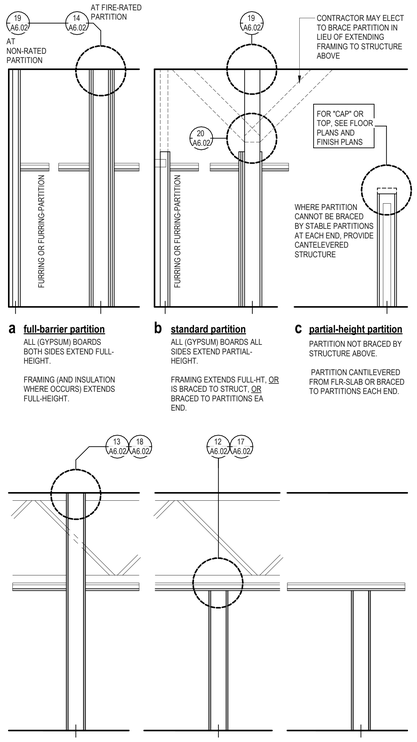
PARTITION-TYPES



PARTITION-TYPE LEGEND



PARTITION-TYPE: VERTICAL CONFIGURATION LEGEND



a full-barrier partition
ALL (GYPSUM) BOARDS BOTH SIDES EXTEND FULL-HEIGHT.
FRAMING (AND INSULATION WHERE OCCURS) EXTENDS FULL-HEIGHT.

b standard partition
ALL (GYPSUM) BOARDS ALL SIDES EXTEND PARTIAL-HEIGHT.
FRAMING EXTENDS FULL-HT, OR IS BRACED TO STRUCT, OR BRACED TO PARTITIONS EA END.

c partial-height partition
PARTITION NOT BRACED BY STRUCTURE ABOVE.
PARTITION CANTILEVERED FROM FLR-SLAB OR BRACED TO PARTITIONS EACH END.

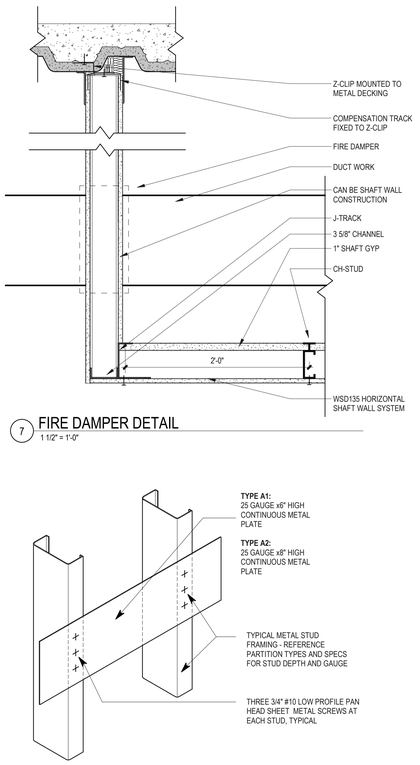
d full-barrier truss ptn
ALL BOARDS EXTEND FULL HEIGHT TO ROOF ASSEMBLY
FRAMING (AND INSULATION WHERE OCCURS) EXTENDS FULL HEIGHT

e underside truss ptn
ALL BOARDS EXTEND TO UNDERSIDE OF CEILING ASSEMBLY.
FRAMING (AND INSULATION WHERE OCCURS) EXTENDS UNDERSIDE OF CEILING ASSEMBLY.

f underside rated ceiling
ALL BOARDS EXTEND UNDERSIDE OF CEILING ASSEMBLY
FRAMING (AND INSULATION WHERE OCCURS) EXTENDS UNDERSIDE OF THE CEILING ASSEMBLY

ACOUSTICAL PARTITIONS - NOTES

1. ALL PARTITIONS SCHEDULED TO RECEIVE ACOUSTICAL INSULATION SHALL BE CONSIDERED ACOUSTICAL PARTITIONS AND SHALL BE CONSTRUCTED AND CAULKED AS SPECIFIED.
2. WHERE AN ACOUSTICAL PARTITION INTERSECTS AN ACOUSTICAL PARTITION, ALL FULL-HEIGHT GYPSUM BOARD MUST BE CONTINUOUS.
3. ACOUSTICAL PARTITIONS MAY HAVE SOME GYP BD EXTENDING TO STRUCTURE ABOVE, AND SOME GYP BD ONLY EXTENDING TO ABOVE-THE-CEILING. AT THESE PARTITIONS PARTITION-TYPES (HORIZONTAL-SECTIONS) AND VERTICAL-CONFIGURATIONS (VERTICAL-SECTIONS) INDICATE FULL-HT GYPSUM BOARDS AS SHADED, PER PARTITION-TYPE BELOW.



7 FIRE DAMPER DETAIL
1 1/2" = 1'-0"

6 C1010.120 BACKING PLATE TYPE 'A'
1 1/2" = 1'-0"

BACKING PLATES FOR CASEWORK, MILLWORK AND/ OR EQUIPMENT:

1. UTILIZE BLOCKING PLATES PER DETAILS, ELEVATIONS OR OTHER DRAWINGS. WHERE NOT INDICATED USE BLOCKING DETAILS A1 THRU D AS SCHEDULED BELOW.
2. COORDINATE LOCATION, LENGTH, HEIGHT, AND NUMBER OF BACKING PLATES REQUIRED WITH ITEM TO BE MOUNTED.
3. FOR METHOD OF ATTACHMENT OF ITEM TO BE MOUNTED, REFER TO THE CORRESPONDING DETAILS OR PER THE INSTRUCTIONS PROVIDED BY THE MANUFACTURER. IN CASE OF DISCREPANCIES, UTILIZE THE MORE STRINGENT CONDITION OF THE TWO.

PROVIDE TYPE A1 OR A2 BACKING PLATES:

- AT SMALL ITEMS REQUIRING BACKING SOLELY FOR ATTACHMENT: DOOR STOPS, BUMPER RAILS, CRASH RAILS, SURFACE MOUNTED LIGHTS, ETC. (SELECT TYPE A1 OR A2 BASED ON DIMENSIONS OF ITEM TO BE MOUNTED.)
- AT WALL-MOUNTED EQUIPMENT AS INDICATED ON THE DRAWINGS
- AT SMALL ITEMS (SUCH AS TOILET ACCESSORIES, MIRRORS, COAT HOOKS, ETC.) WHICH WEIGH, OR SUPPORT WEIGHTS, OF LESS THAN 50 POUNDS TOTAL. (SELECT TYPE A1 OR A2 BASED ON DIMENSIONS OF ITEM TO BE MOUNTED.)

1 C1010.119 BACKING PLATE NOTES
3" = 1'-0"

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3626 REGISTERED ARCHITECT
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STATE OF WASHINGTON

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7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

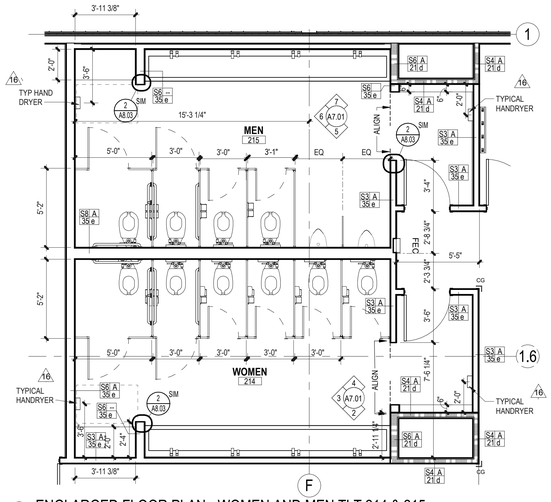
LEGENDS & DETAILS - PARTITIONS

ISSUANCE

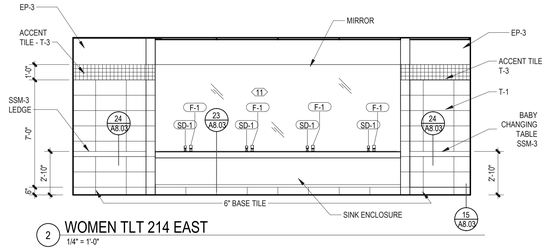
No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: Author

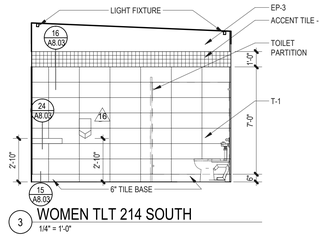
SHEET NO
A6.02



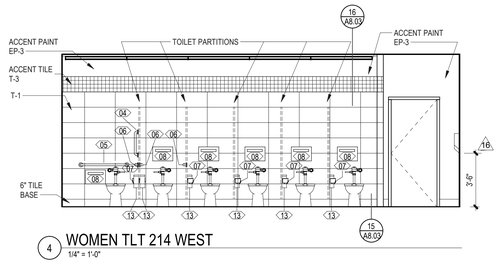
1 ENGLARGED FLOOR PLAN - WOMEN AND MEN TLT 214 & 215
1/4" = 1'-0"



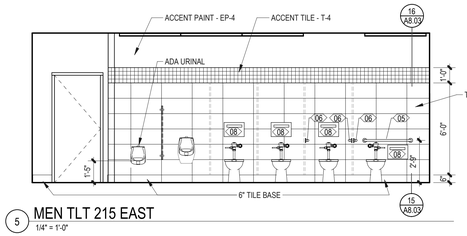
2 WOMEN TLT 214 EAST
1/4" = 1'-0"



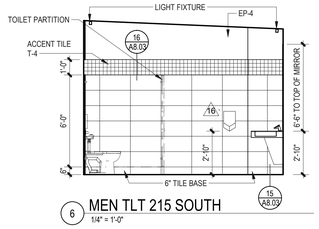
3 WOMEN TLT 214 SOUTH
1/4" = 1'-0"



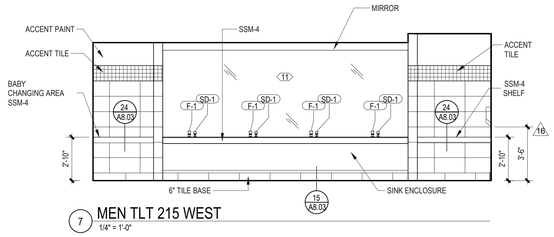
4 WOMEN TLT 214 WEST
1/4" = 1'-0"



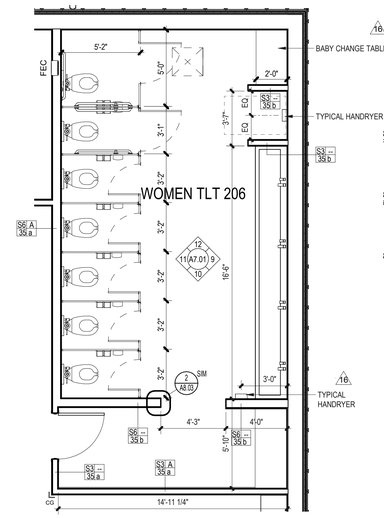
5 MEN TLT 215 EAST
1/4" = 1'-0"



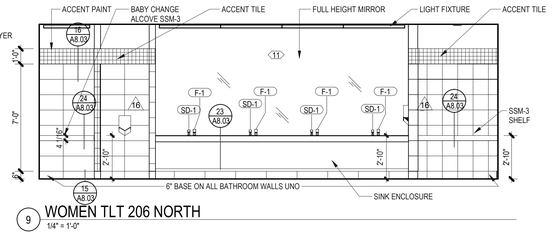
6 MEN TLT 215 SOUTH
1/4" = 1'-0"



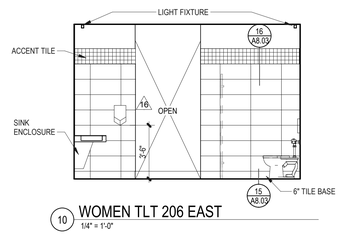
7 MEN TLT 215 WEST
1/4" = 1'-0"



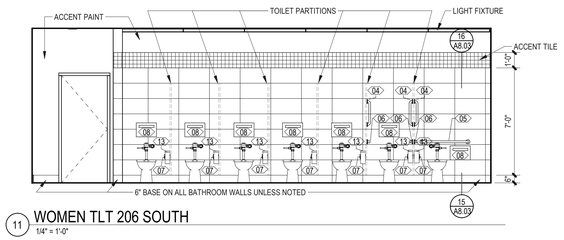
8 ENLARGED FLOOR PLAN - WOMEN TLT 206
1/4" = 1'-0"



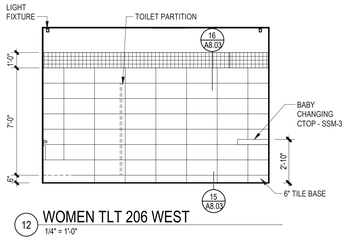
9 WOMEN TLT 206 NORTH
1/4" = 1'-0"



10 WOMEN TLT 206 EAST
1/4" = 1'-0"



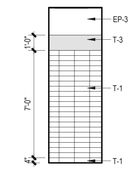
11 WOMEN TLT 206 SOUTH
1/4" = 1'-0"



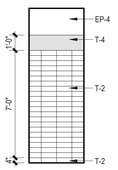
12 WOMEN TLT 206 WEST
1/4" = 1'-0"

ACCESSORIES SCHEDULE

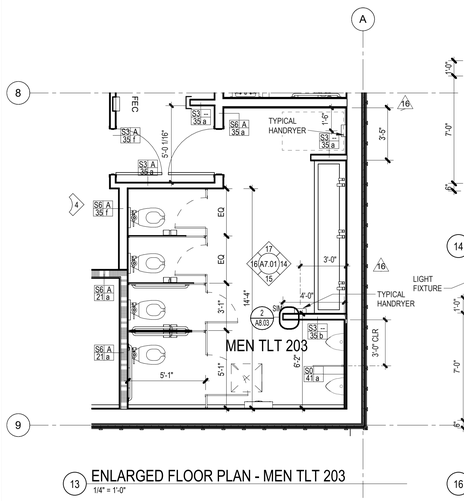
FF&E NO.	PRODUCT DESCRIPTION	Description
02		PAPER TOWEL DISPENSER
03	MIRROR	24 X 36 MIRROR
04	GRAB BAR VERTICAL - 18"	BOBRICK GRAB BAR - 18" VERTICAL - B-6806-18
05	GRAB BAR HORIZONTAL - 36"	BOBRICK - GRAB BAR - 36" 0 B-6806-36
06	GRAB BAR HORIZONTAL - 42"	BOBRICK GRAB BAR - 42" - B-6806-42
07	TOILET PAPER DISPENSER	BOBRICK TOILET PAPER DISPENSER - B-4288
08	TOILET SEAT COVER DISPENSER	BOBRICK TOILET SEAT COVER DISPENSER - B-4221
09	MIRROR	MIRROR - CUSTOM SIZE - 10'-0" W X 6'-0" H
10		
11	MIRROR	MIRROR - CUSTOM SIZE - 20'-6" W X 6'-6" H
12	MIRROR	MIRROR - CUSTOM SIZE - 14'-0" W X 6'-6" H
13	SANITARY NAPKIN DISPOSAL	BOBRICK SUFACE MOUNTED SANITARY NAPKIN DISPOSAL - B-270
14	PAPER TOWEL DISPENSER	BOBRICK PAPER TOWEL DISPENSER - B-2620
15		BOBRICK SURFACE MOUNTED SOAP DISPENSER - B-2111
16	SHOWER SOAP DISH	BRADLEY CORP SOAP DISH - 940 OR 9402
17	VINYL SHOWER CURTAIN	BOBRICK SHOWER CURTAIN - B-204.2
18	MIRROR - FRAMED - 24" X 60"	BOBRICK CHANNEL FRAME MIRROR - B-165
19	SHOWER BENCH	90 Degree Bench
20	COAT HOOK	BOBRICK TOWEL PIN - B-677
35		



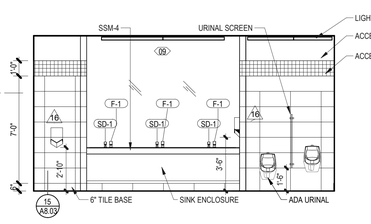
18 WOMEN TLT - TYPICAL FINISHES
1/4" = 1'-0"



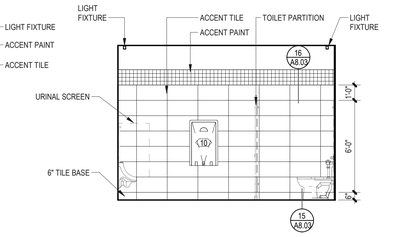
19 MEN TLT - TYPICAL FINISHES
1/4" = 1'-0"



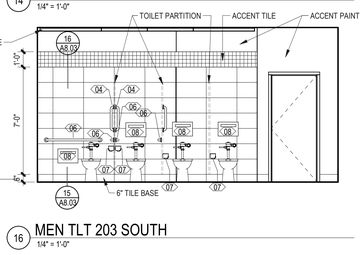
13 ENLARGED FLOOR PLAN - MEN TLT 203
1/4" = 1'-0"



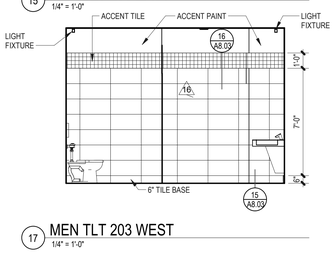
14 MEN TLT 203 NORTH
1/4" = 1'-0"



15 MEN TLT 203 EAST
1/4" = 1'-0"

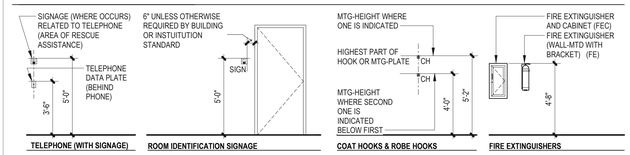


16 MEN TLT 203 SOUTH
1/4" = 1'-0"

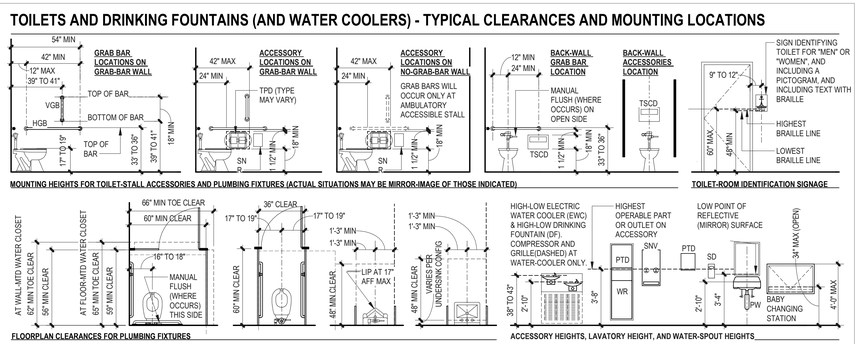


17 MEN TLT 203 WEST
1/4" = 1'-0"

ACCESSORY PLACEMENT



TOILETS AND DRINKING FOUNTAINS (AND WATER COOLERS) - TYPICAL CLEARANCES AND MOUNTING LOCATIONS



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3626 REGISTERED ARCHITECT
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STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

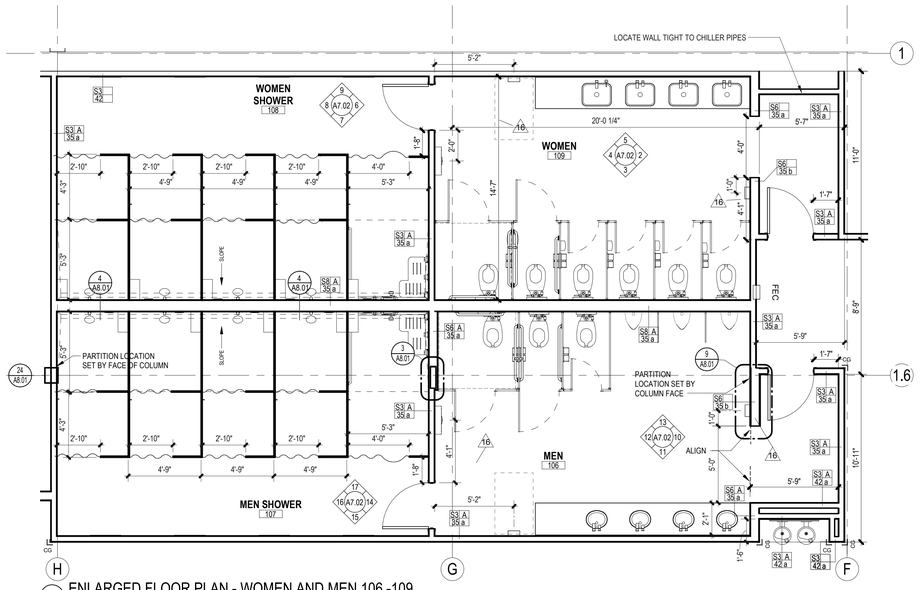
ENLARGED PLANS AND INTERIOR ELEVATIONS - MAIN LEVEL

ISSUANCE

No.	Description	Date
	SITE AND FOUNDATION PERMIT SET	04/09/18
	PH 2 DD SET	04/25/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
16	PH 2 CCD 10	9/24/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: JLO

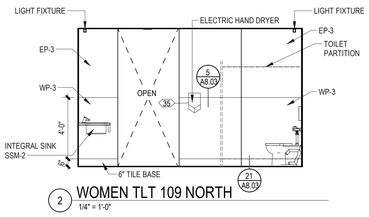
SHEET NO
A7.01



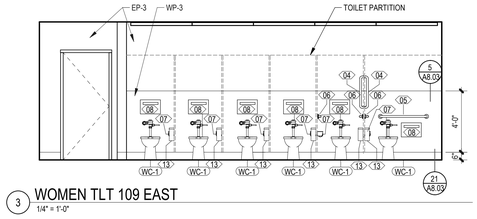
1 ENLARGED FLOOR PLAN - WOMEN AND MEN 106 -109
1/4" = 1'-0"

ACCESSORIES SCHEDULE

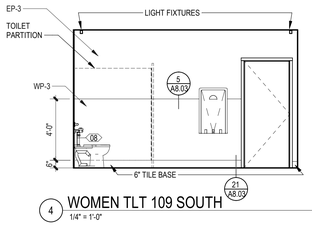
FF&E NO.	PRODUCT DESCRIPTION	Description
02		PAPER TOWEL DISPENSER
03	MIRROR	24 X 36 MIRROR
04	GRAB BAR VERTICAL - 18"	BOBRICK GRAB BAR - 18" VERTICAL - B-6806-18
05	GRAB BAR HORIZONTAL - 36"	BOBRICK - GRAB BAR - 36" 0 B-6806-36
06	GRAB BAR HORIZONTAL - 42"	BOBRICK GRAB BAR - 42" - B-6806-42
07	TOILET PAPER DISPENSER	BOBRICK TOILET PAPER DISPENSER - B-4288
08	TOILET SEAT COVER DISPENSER	BOBRICK TOILET SEAT COVER DISPENSER - B-4221
09	MIRROR	MIRROR - CUSTOM SIZE - 10'-0" W X 6'-0" H
10		
11	MIRROR	MIRROR - CUSTOM SIZE - 20'-6" W X 6'-6" H
12	MIRROR	MIRROR - CUSTOM SIZE - 14'-0" W X 6'-6" H
13	SANITARY NAPKIN DISPOSAL	BOBRICK SURFACE MOUNTED SANITARY NAPKIN DISPOSAL - B-270
14	PAPER TOWEL DISPENSER	BOBRICK PAPER TOWEL DISPENSER - B-2620
15		BOBRICK SURFACE MOUNTED SOAP DISPENSER - B-2111
16	SHOWER SOAP DISH	BRADLEY CORP SOAP DISH - 940 OR 9402
17	VINYL SHOWER CURTAIN	BOBRICK SHOWER CURTAIN - B-204-2
18	MIRROR - FRAMED - 24" X 60"	BOBRICK CHANNEL FRAME MIRROR - B-165
19	SHOWER BENCH	90 Degree Bench
20	COAT HOOK	BOBRICK TOWEL PIN - B-677
35		



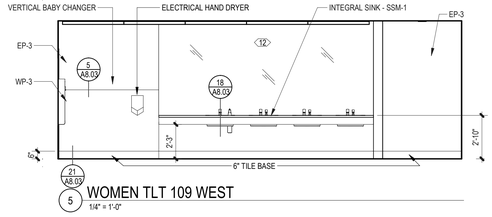
2 WOMEN TLT 109 NORTH
1/4" = 1'-0"



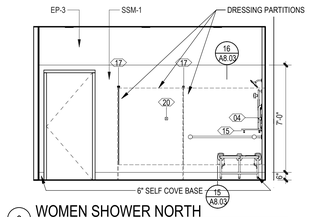
3 WOMEN TLT 109 EAST
1/4" = 1'-0"



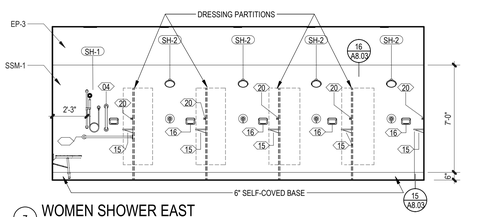
4 WOMEN TLT 109 SOUTH
1/4" = 1'-0"



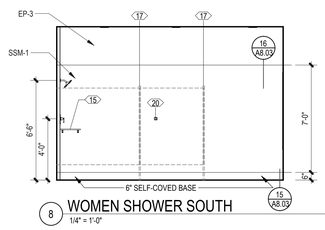
5 WOMEN TLT 109 WEST
1/4" = 1'-0"



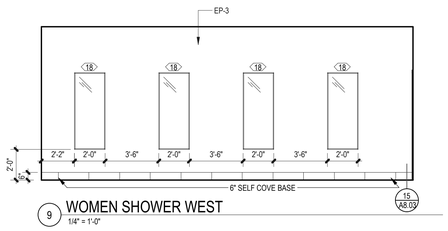
6 WOMEN SHOWER NORTH
1/4" = 1'-0"



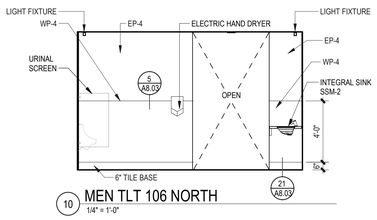
7 WOMEN SHOWER EAST
1/4" = 1'-0"



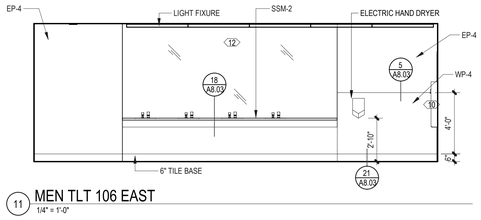
8 WOMEN SHOWER SOUTH
1/4" = 1'-0"



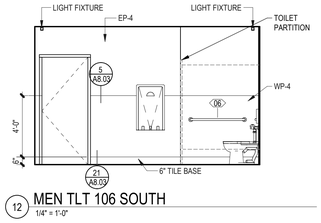
9 WOMEN SHOWER WEST
1/4" = 1'-0"



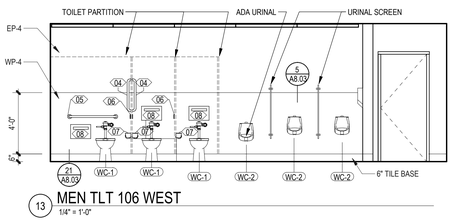
10 MEN TLT 106 NORTH
1/4" = 1'-0"



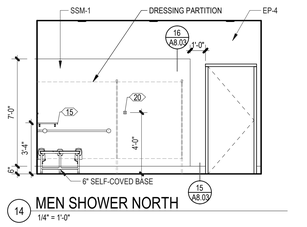
11 MEN TLT 106 EAST
1/4" = 1'-0"



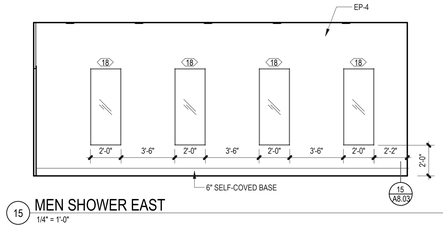
12 MEN TLT 106 SOUTH
1/4" = 1'-0"



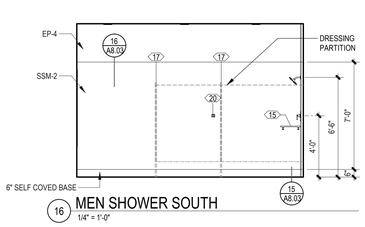
13 MEN TLT 106 WEST
1/4" = 1'-0"



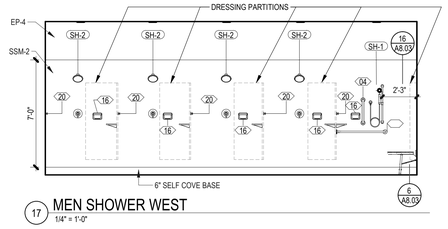
14 MEN SHOWER NORTH
1/4" = 1'-0"



15 MEN SHOWER EAST
1/4" = 1'-0"



16 MEN SHOWER SOUTH
1/4" = 1'-0"



17 MEN SHOWER WEST
1/4" = 1'-0"

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REGISTERED ARCHITECT
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STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

ENLARGED TOILET PLAN AND INTERIOR ELEVATIONS - LOWER LEVEL

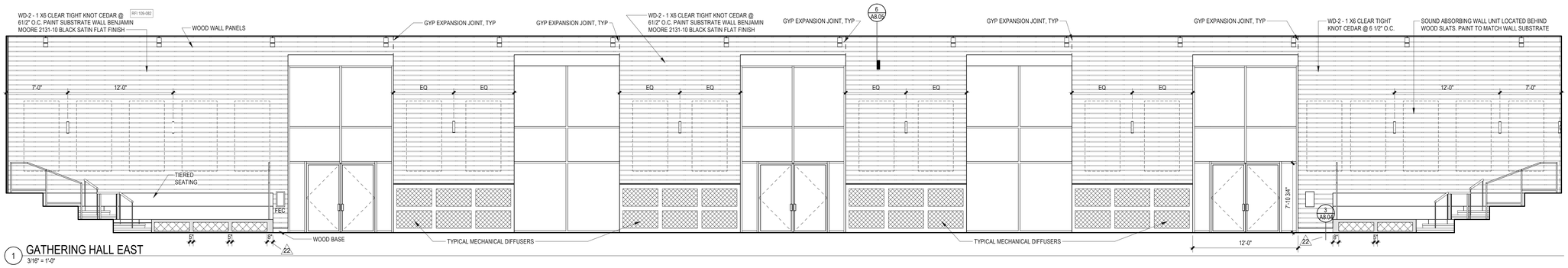
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT COMMENTS	12/12/18
	PH 2 PERMIT REVIEW 2019	01/04/19
16	PH 2 CCD 10	9/24/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

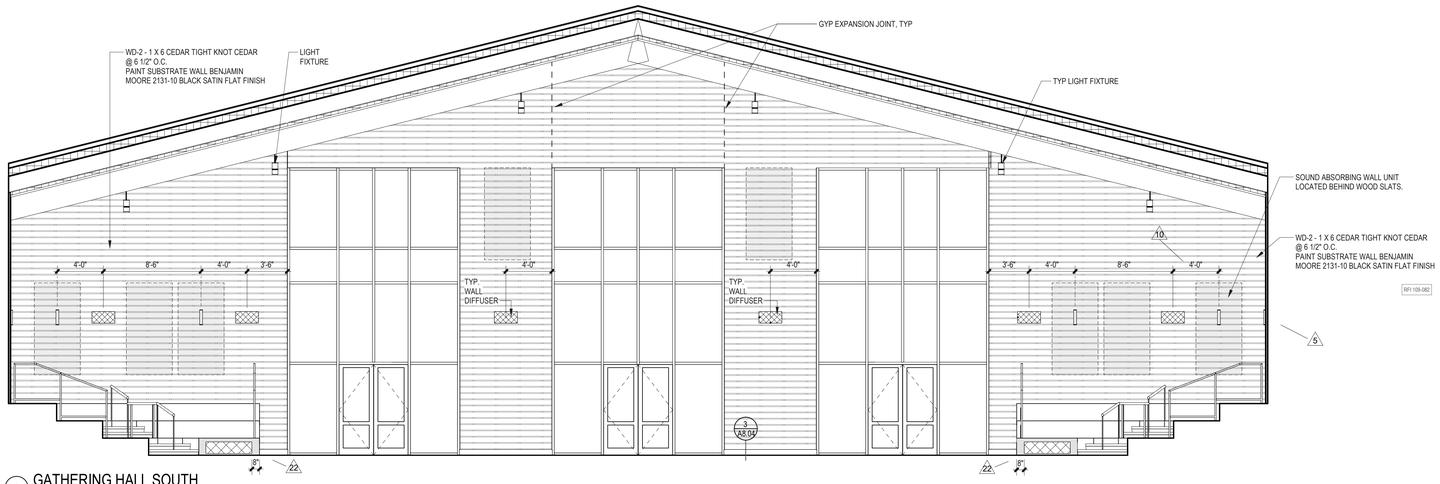
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: JLO

SHEET NO

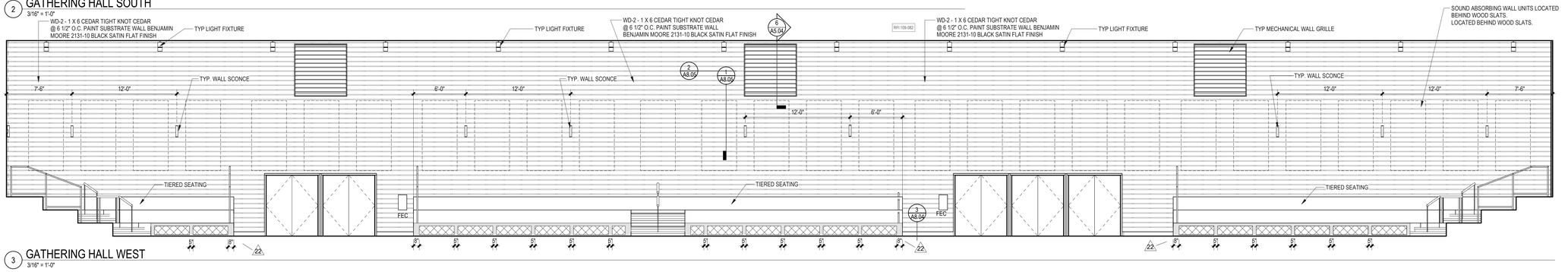
A7.02



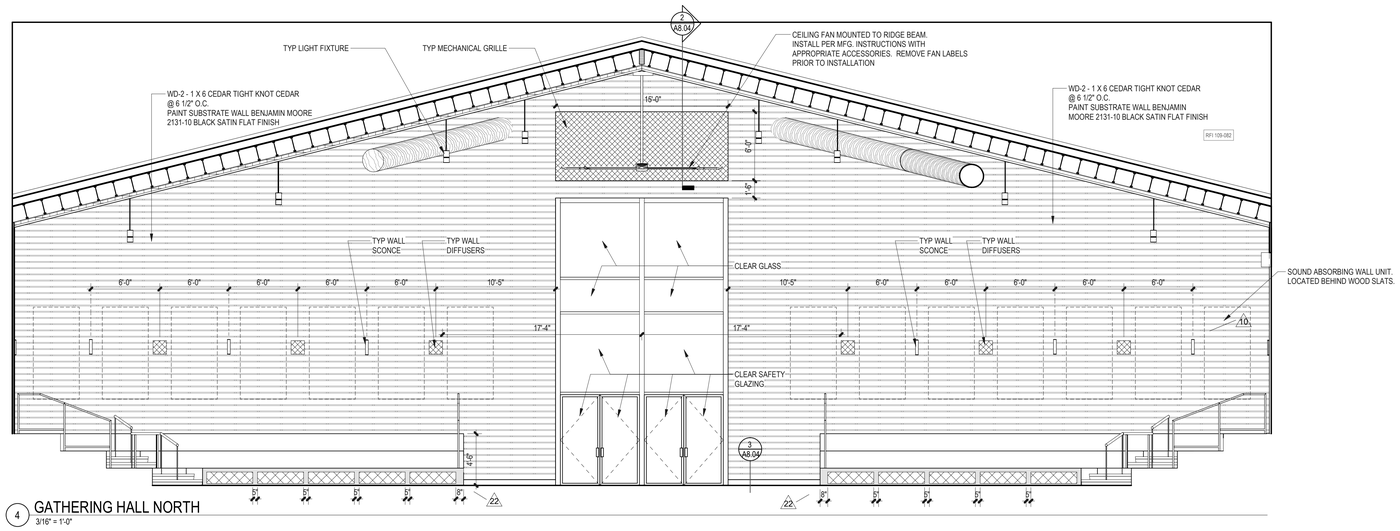
1 GATHERING HALL EAST
3/16" = 1'-0"



2 GATHERING HALL SOUTH
3/16" = 1'-0"



3 GATHERING HALL WEST
3/16" = 1'-0"



4 GATHERING HALL NORTH
3/16" = 1'-0"

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TULALIP TRIBES GATHERING HALL

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TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

ENLARGED PLANS AND ELEVATIONS - GATHERING HALL

ISSUANCE

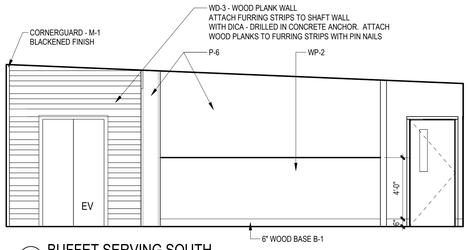
No.	Description	Date
	PH 2 DD SET	04/25/18
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
5	RFI 87-065	07/02/19
10	REVISED RFI 116-088	07/29/19
	PH 2 CONFORM SET	10/14/19
22	PH 2 ASI 6	01/06/20
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: JLO

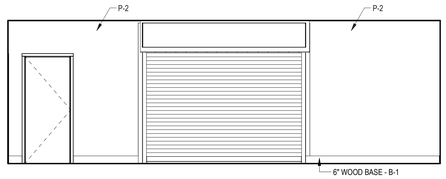
SHEET NO

A7.03

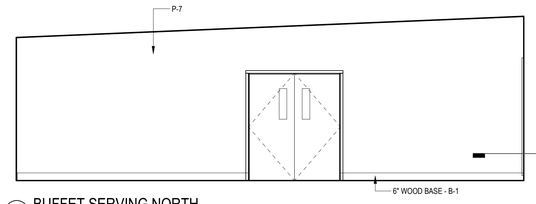
7/9/2020 12:47:55 PM C:\Users\mrozgonik\Documents\17031 Tulalip Gathering Hall- Central_mrozgonik@TGBArchitects.com.rvt



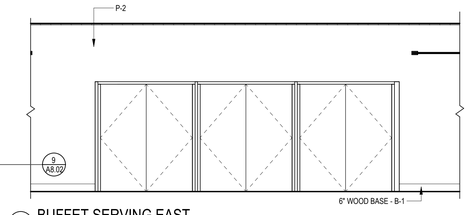
1 BUFFET SERVING SOUTH
1/4" = 1'-0"



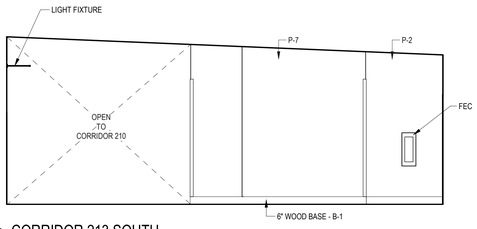
2 BUFFET SERVING WEST
1/4" = 1'-0"



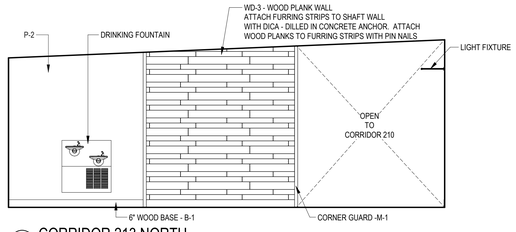
3 BUFFET SERVING NORTH
1/4" = 1'-0"



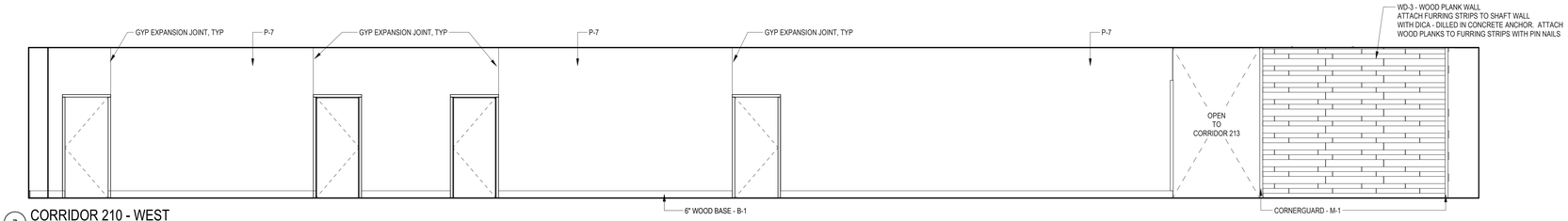
4 BUFFET SERVING EAST
1/4" = 1'-0"



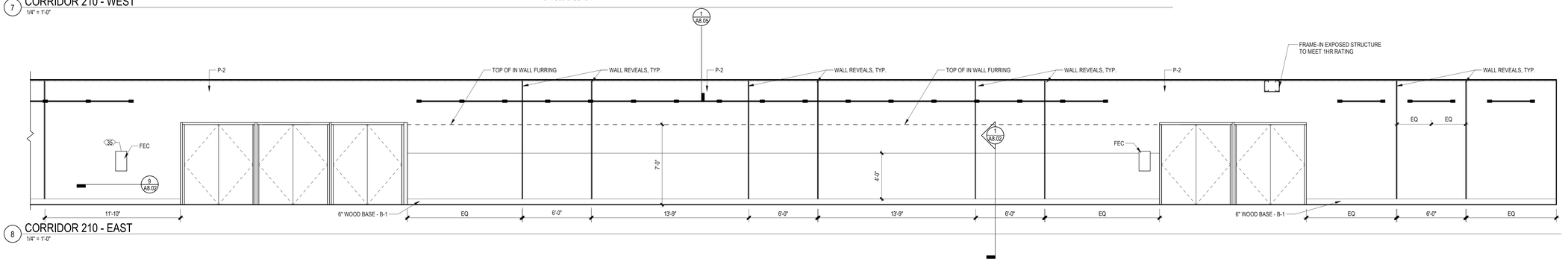
5 CORRIDOR 213 SOUTH
1/4" = 1'-0"



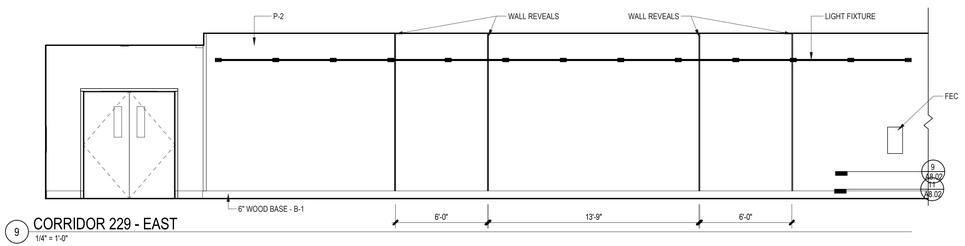
6 CORRIDOR 213 NORTH
1/4" = 1'-0"



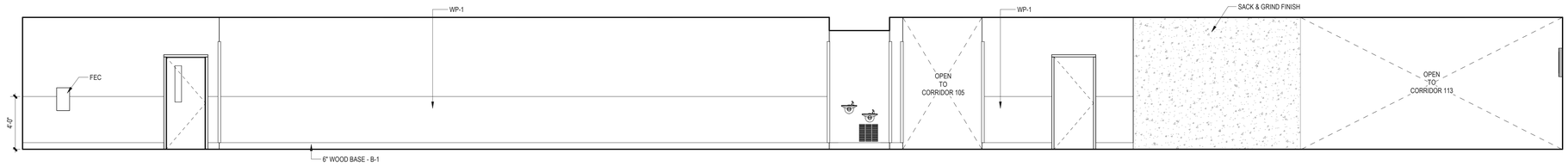
7 CORRIDOR 210 - WEST
1/4" = 1'-0"



8 CORRIDOR 210 - EAST
1/4" = 1'-0"



9 CORRIDOR 229 - EAST
1/4" = 1'-0"



10 CORRIDOR 103 - WEST
1/4" = 1'-0"

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3626
REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

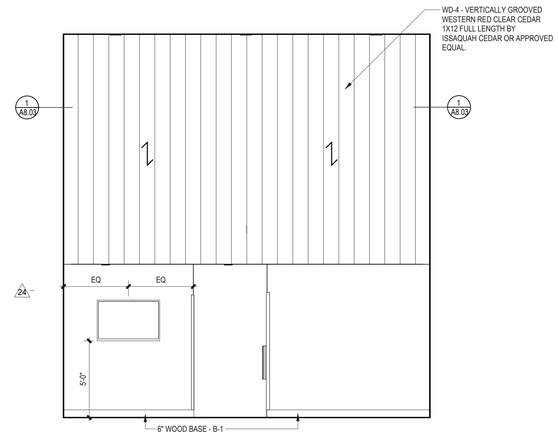
ENLARGED PLANS AND INTERIOR ELEVATIONS - CORRIDORS AND BUFFET

ISSUANCE

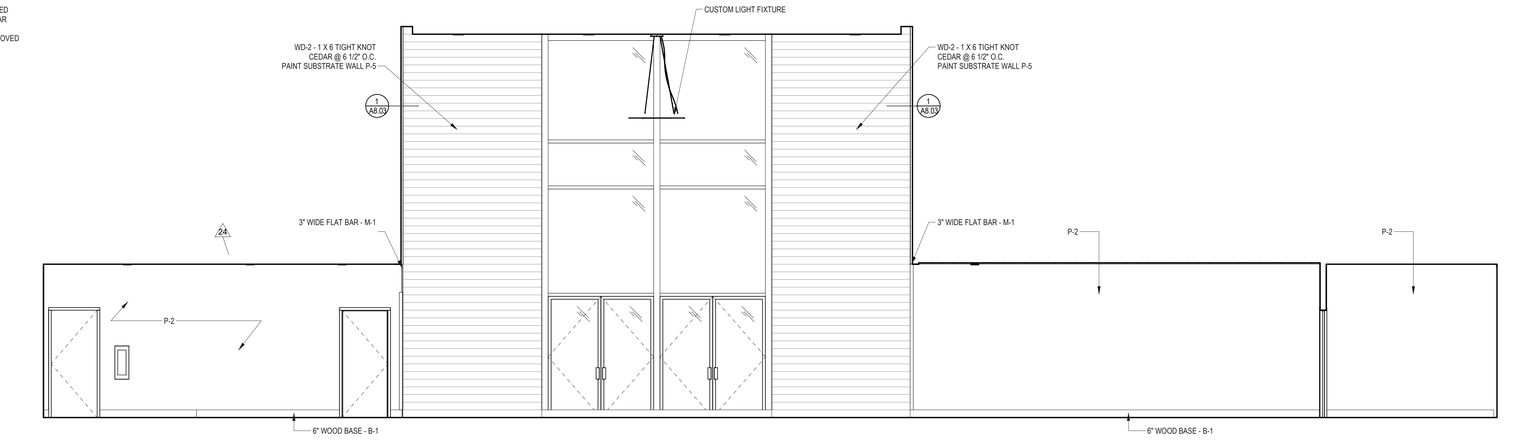
No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: JLO

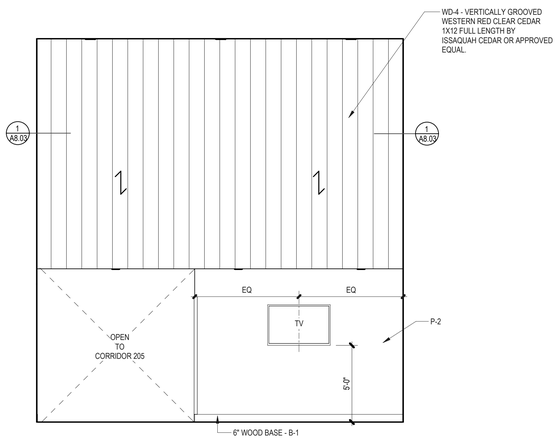
SHEET NO
A7.04



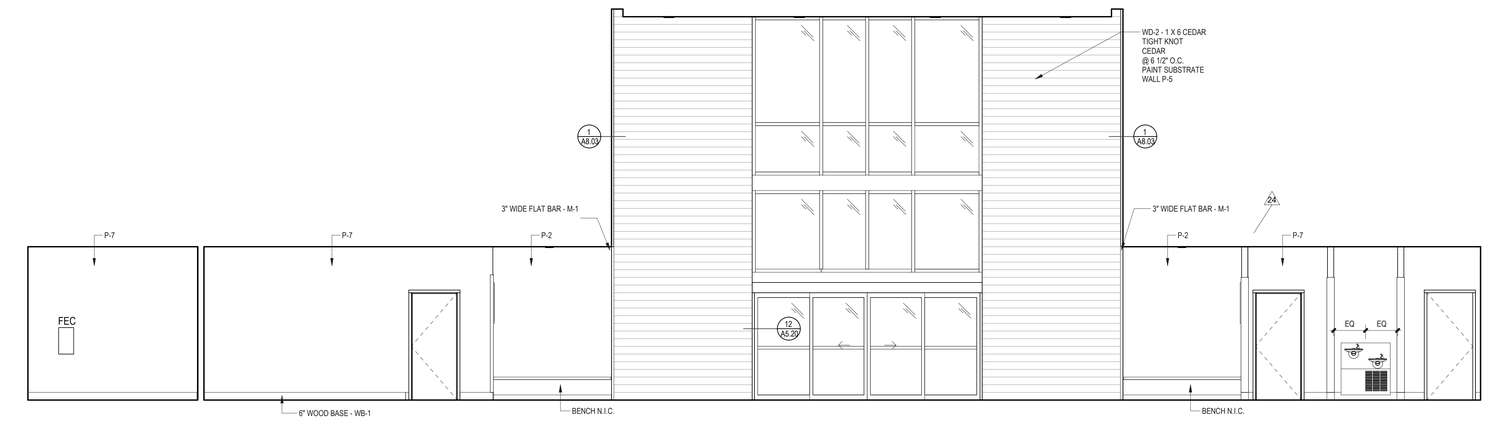
1 LOBBY EAST
1/4" = 1'-0"



2 LOBBY SOUTH
1/4" = 1'-0"



3 LOBBY WEST
1/4" = 1'-0"



4 LOBBY NORTH
1/4" = 1'-0"

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STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

ENLARGED PLANS AND INTERIOR ELEVATIONS - LOBBY

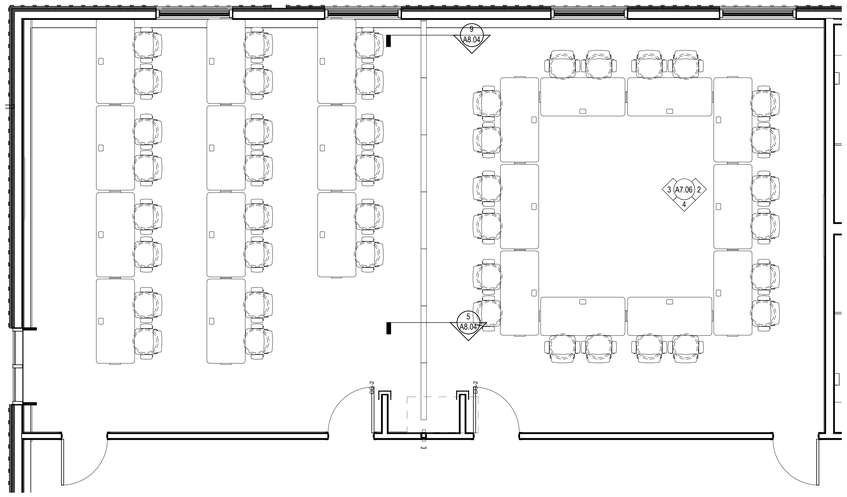
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
24	PH 2 CCD 15	03/02/20
	PH 2 RECORD SET	06/02/20

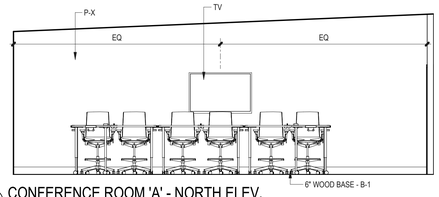
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: JLO

SHEET NO
A7.05

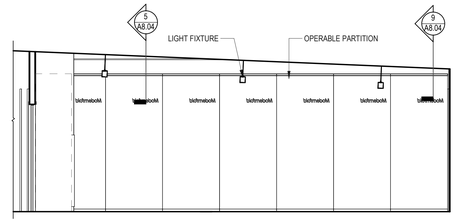
7/9/2020 12:48:12 PM C:\Users\mzogorski\Documents\17031 Tulalip Gathering Hall- Central_mzogorski@TGBArchitects.com.rvt



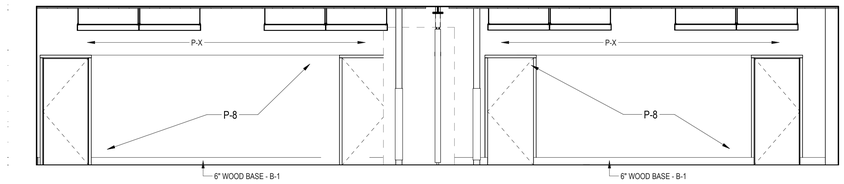
1 ENLARGED FLOOR PLAN - CONFERENCE ROOMS
1/4" = 1'-0"



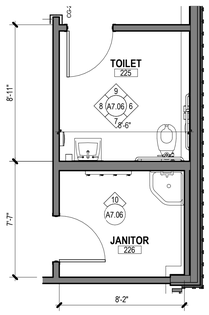
2 CONFERENCE ROOM 'A' - NORTH ELEV.
1/4" = 1'-0"



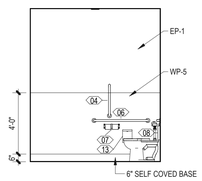
3 CONFERENCE ROOMS SOUTH ELEVATION
1/4" = 1'-0"



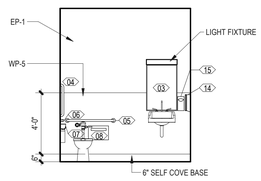
4 CONFERENCE ROOMS 'A' - EAST ELEV.
1/4" = 1'-0"



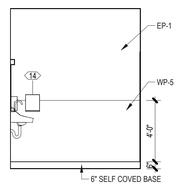
5 ENLARGED FLOOR PLAN - KIT TLT & JAN
1/4" = 1'-0"



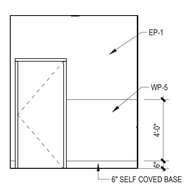
6 TOILET 225 - NORTH
1/4" = 1'-0"



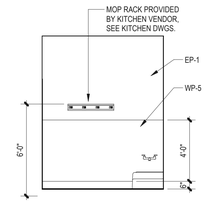
7 TOILET 225 - EAST
1/4" = 1'-0"



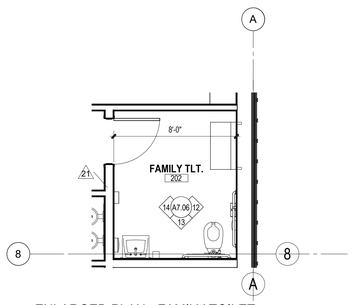
8 TOILET 225 - SOUTH
1/4" = 1'-0"



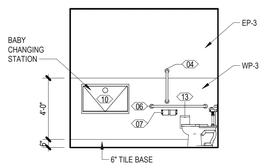
9 TOILET 225 - WEST
1/4" = 1'-0"



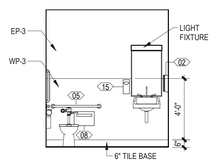
10 JANITOR 226 - WEST
1/4" = 1'-0"



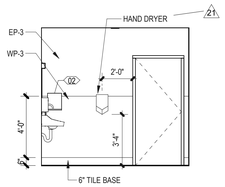
11 ENLARGED PLAN - FAMILY TOILET
1/4" = 1'-0"



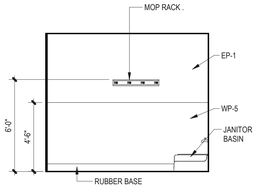
12 FAMILY TLT 202 - NORTH
1/4" = 1'-0"



13 FAMILT TLT 202 - EAST
1/4" = 1'-0"



14 FAMILY TLT 202 - SOUTH
1/4" = 1'-0"



15 JANITOR 216 - NORTH
1/4" = 1'-0"

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REGISTERED ARCHITECT
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STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

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TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

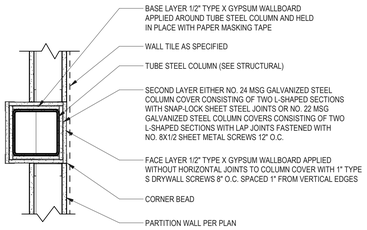
ENLARGED PLANS AND INTERIOR ELEVATIONS

ISSUANCE

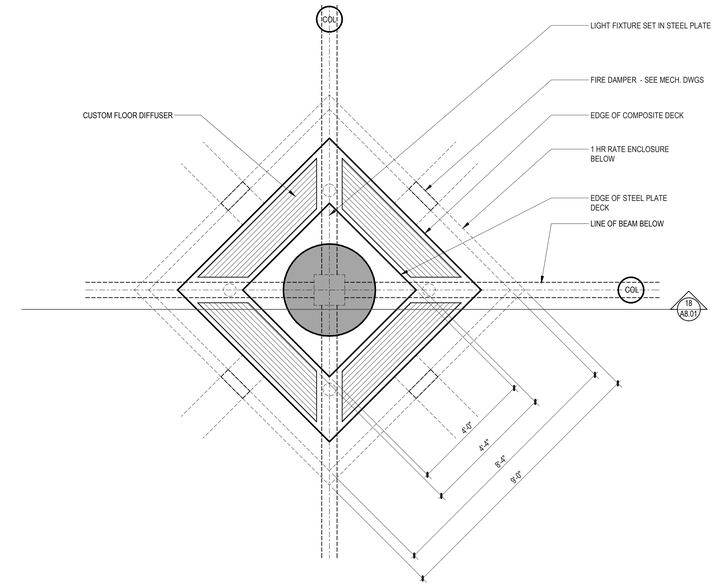
No.	Description	Date
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT COMMENTS	12/12/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
21	PH 2 CCD 13	12/10/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: JLO
DRAWN BY: JLO

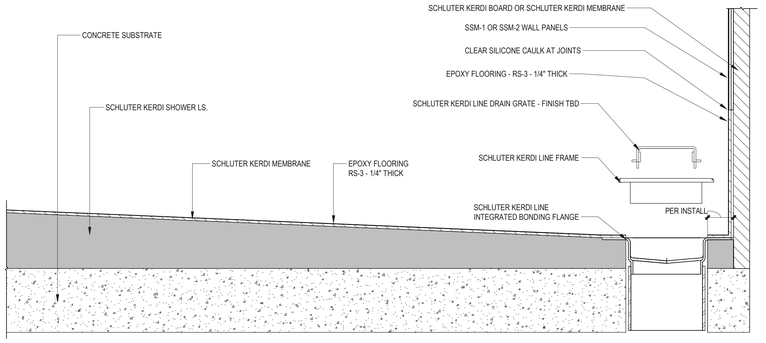
SHEET NO
A7.06



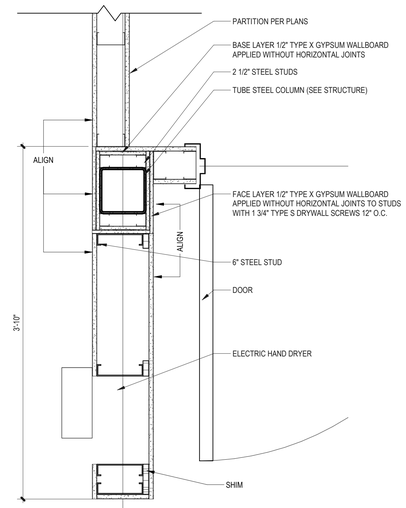
24 RATED COLUMN AT SHOWER WALL
1 1/2" = 1'-0"

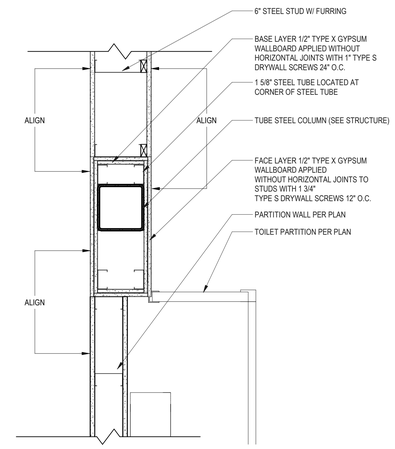


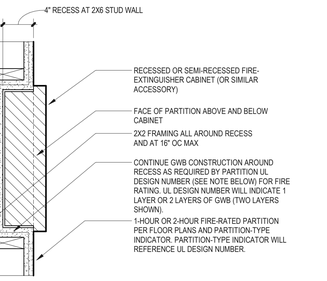
8 FLOOR GRATE AND MECHANICAL DUCT AT COLUMN
1/2" = 1'-0"



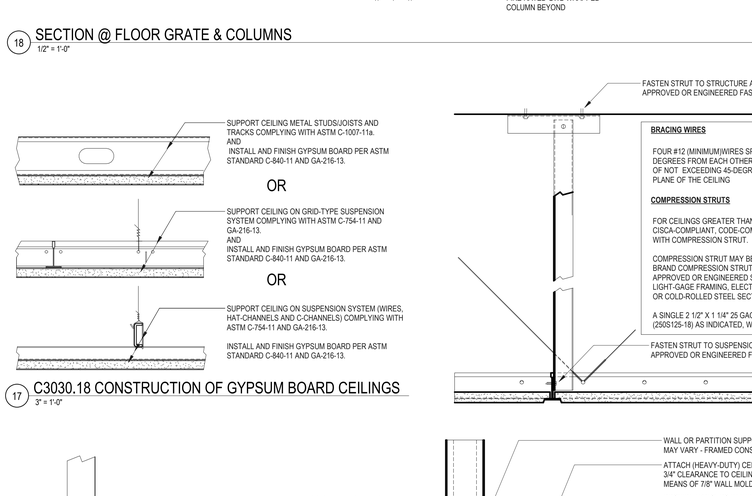
4 SHOWER DRAIN DETAIL
1/4" = 1'-0"



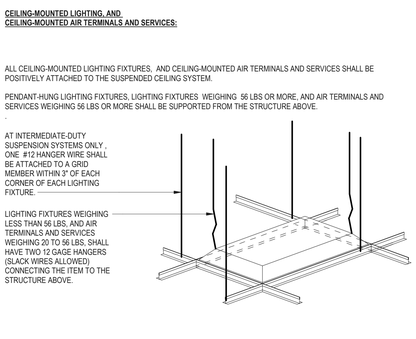




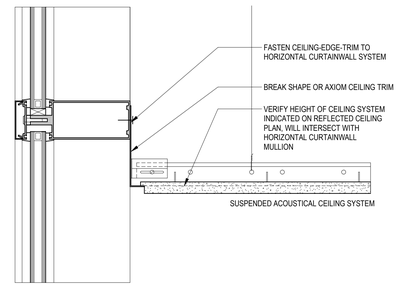
23 FIRE RATED COLUMN UL DESIGN X526
1 1/2" = 1'-0"



18 SECTION @ FLOOR GRATE & COLUMNS
1/2" = 1'-0"



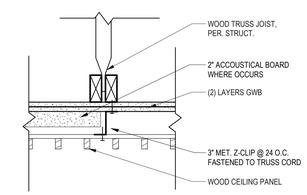
9 RATED COLUMN @ DOOR & WALL INTERSECTION
1 1/2" = 1'-0"



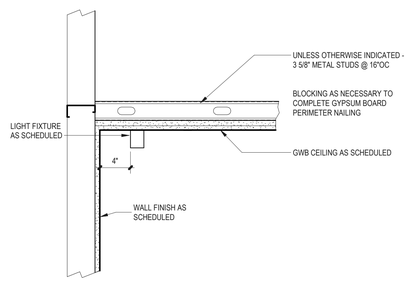
3 FIRE RATED COLUMN @ TOILET PARTITION
1 1/2" = 1'-0"

22 C1010.134 CABT IN FIRE-RATED WOOD-STUD PARTITION
1 1/2" = 1'-0"

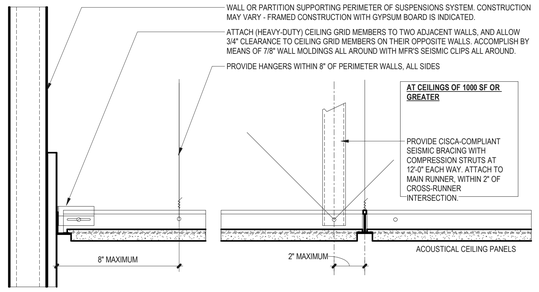
17 C3030.18 CONSTRUCTION OF GYPSUM BOARD CEILINGS
3" = 1'-0"



21 AWP-1 SECTION
1 1/2" = 1'-0"



16 LIGHT AT GWB CEILING
1 1/2" = 1'-0"



11 C3030.17 TYPICAL ACP CEILING SYSTEM
3" = 1'-0"

NOTE THE FOLLOWING:

FURNISH HEAVY-DUTY CEILING GRID (SUSPENSION SYSTEM) IN ACCORDANCE WITH ASTM C-635. INTERMEDIATE-DUTY SYSTEMS MAY BE PROVIDED WHEN REMODELING REQUIRES "MATCHING EXISTING" AND THE EXISTING SYSTEM IS INTERMEDIATE DUTY.

INSTALL CEILING GRID IN ACCORDANCE WITH ASTM C-636, INCLUDING PROVISIONS ON WIRE HANGERS, ATTACHMENT OF WIRE HANGERS, SPACING OF WIRE HANGERS, CARRYING CHANNELS, SPLICES, ASSEMBLY DEVICES, AND CEILING FIXTURES.

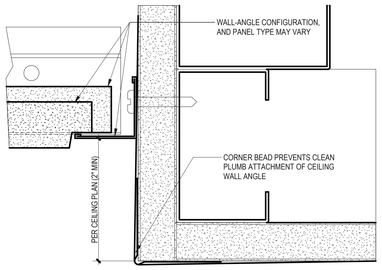
INSTALL CEILING GRID IN ACCORDANCE WITH THE ADDITIONAL INFORMATION ON THIS DETAIL, WHICH IS A SUMMARY OF THE CISCA (ARCHITECTURAL) STANDARDS FOR SEISMIC ZONES 3 AND 4 (DESIGN CATEGORIES D, E, AND F).

INSTALL CEILING-MOUNTED ITEMS AND FIXTURES, INCLUDING LIGHT FIXTURES, MECHICAL SERVICES, CABLE TRAYS, CONDUIT AND SIMILAR IN ACCORDANCE WITH CISCA STANDARDS FOR SEISMIC ZONES 3-4. THIS MAY INCLUDE INDEPENDENT SUPPORT FOR SOME CEILING-MOUNTED ITEMS.

PROVIDE CISCA-COMPLIANT SEISMIC BRACING AND COMPRESSION STRUTS ONLY IN CEILINGS OF 1000 SF OR GREATER (SEE ASCE 7-13.5.6.2.2 SECTION C)

IN CEILINGS WITHOUT LATERAL BRACING, PROVIDE FLEXIBLE CONNECTION FROM SPRINKLER BRANCH LINES TO SPRINKLER HEADS, IN LIEU OF OVERSIZED SPRINKLER OPENINGS IN CEILING

IN CEILINGS GREATER THAN 2500 SF, PROVIDE 2" WIDE MINIMUM CEILING JOINT AS INDICATED AND DETAILED ON CEILING PLANS.



1 C3030.09 ACP TO GYPSUM BOARD
1/2" = 1'-0"

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PHASE 2 - BUILDING AND LANDSCAPING

DETAILS (INTERIORS)

ISSUANCE

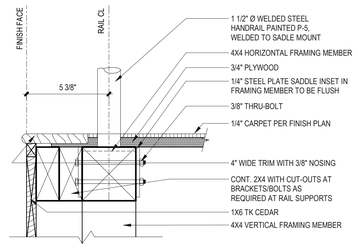
No.	Description	Date
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: MZ

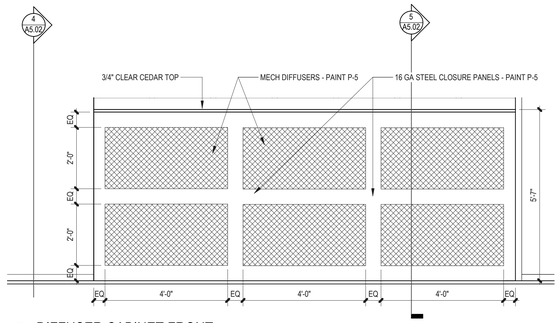
SHEET NO
A8.01

NOTES:

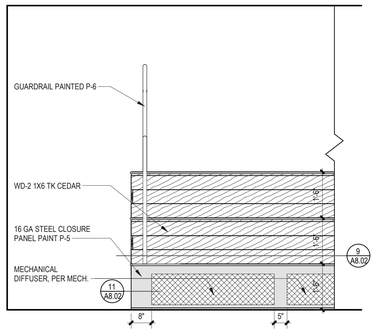
1. ALL WOOD DOUGLAS FIR NO.2
2. ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE THREATED



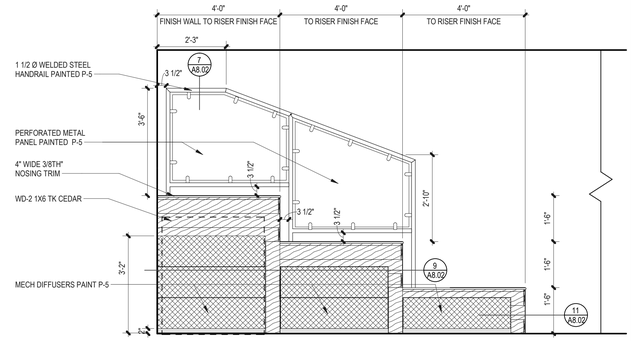
10 RAIL ATTACHMENT ON RISER ENDS
3" = 1'-0"



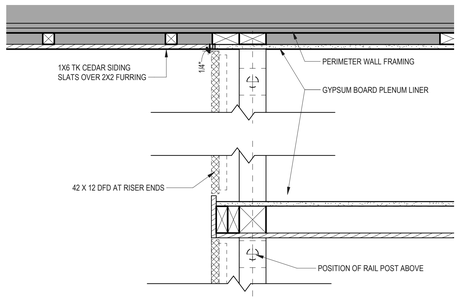
8 DIFFUSER CABINET FRONT
1/2" = 1'-0"



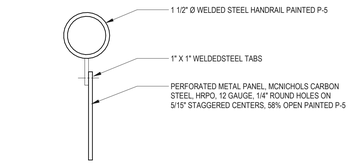
4 RISER FRONT ELEVATION TYP
1/2" = 1'-0"



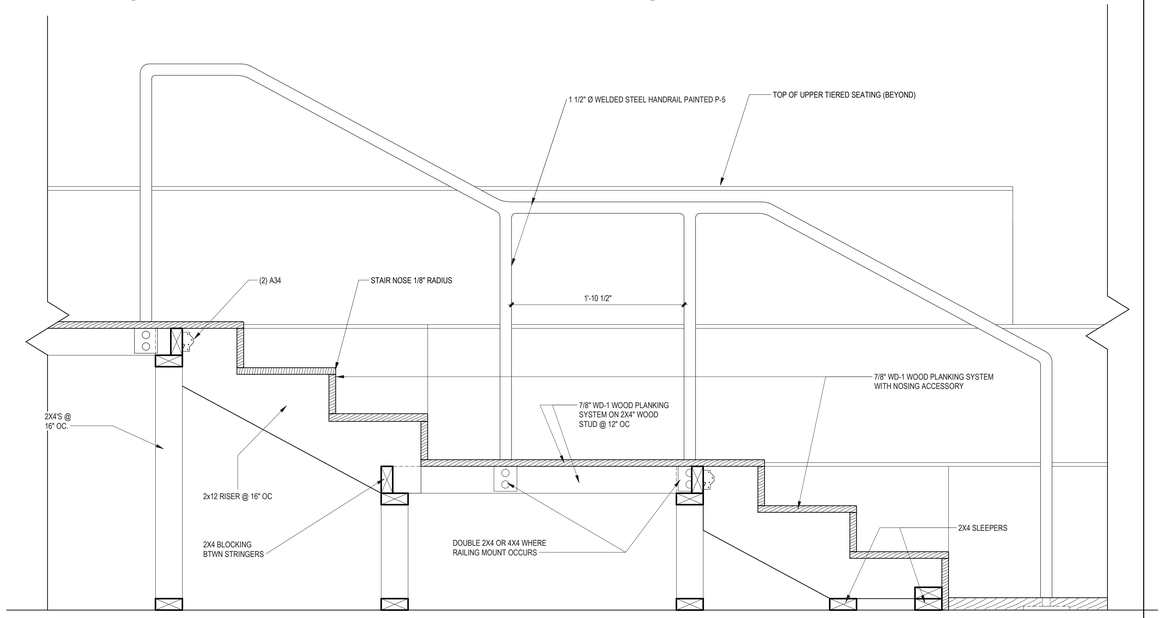
3 RISER END ELEVATION
1/2" = 1'-0"



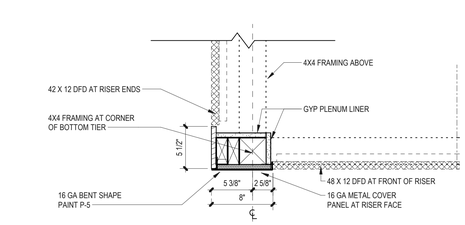
9 PLAN DETAIL - RISER END
1 1/2" = 1'-0"



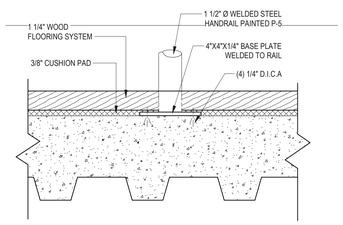
7 HANDRAIL
3" = 1'-0"



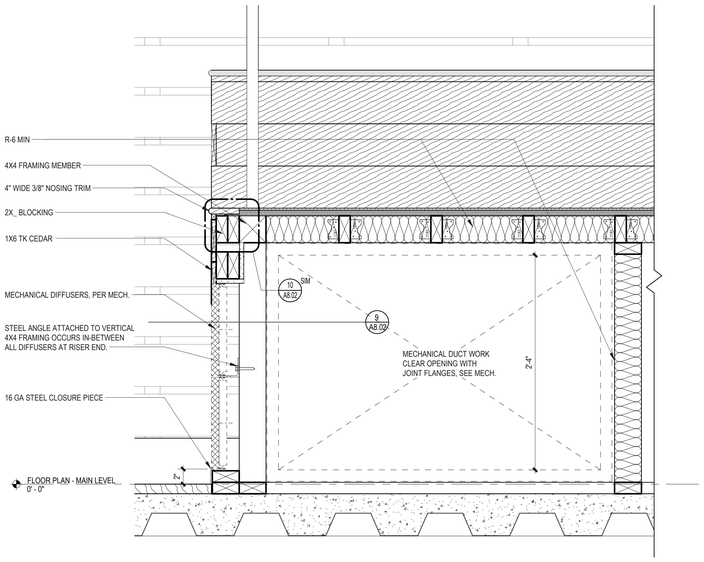
2 RISER SECTION
1 1/2" = 1'-0"



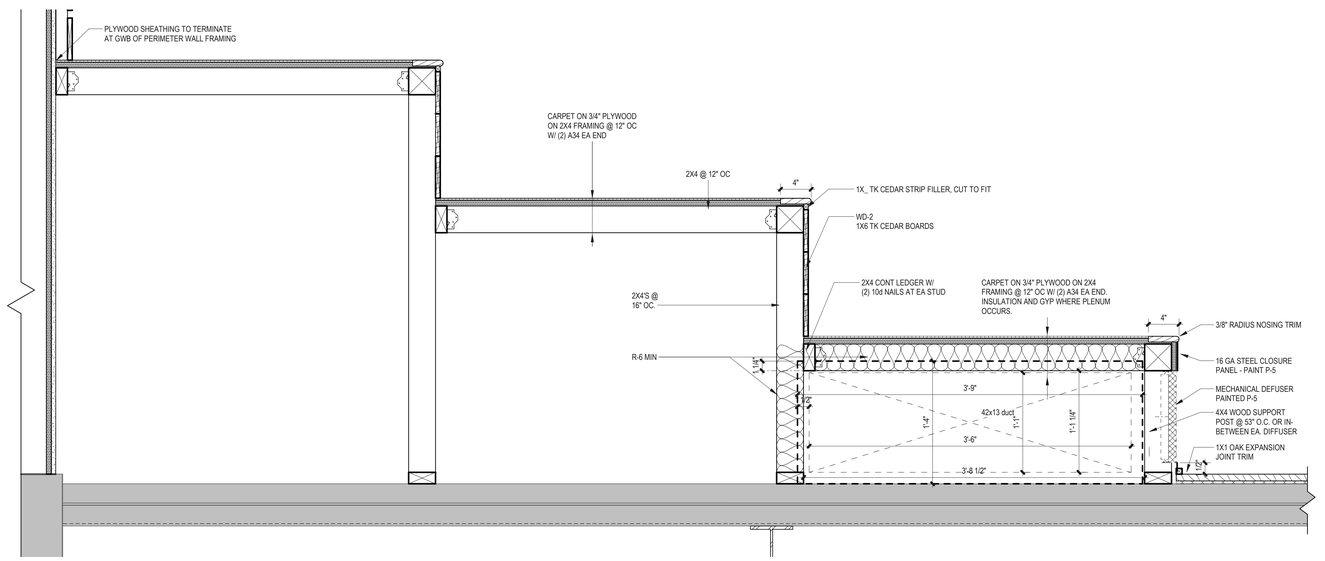
11 PLAN DETAIL - RISER OUTSIDE CORNER
1 1/2" = 1'-0"



6 RAIL ATTACHMENT ON FLOOR
3" = 1'-0"



5 SECTION DETAIL - RISER END
1 1/2" = 1'-0"



1 RISER SEATING SECTION
1 1/2" = 1'-0"

22

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3626
REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

INTERIOR DETAILS (STAIRS)

ISSUANCE

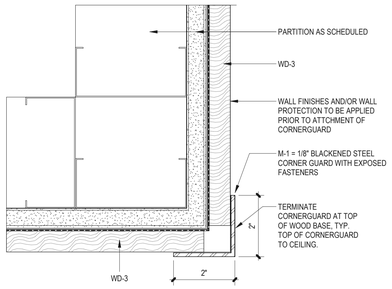
No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 4	11/28/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
22	PH 2 ASI 6	01/06/20
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION

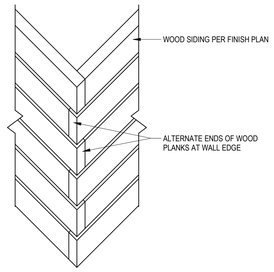
PROJECT NUMBER:	17031
PROJECT LEAD:	DC
DRAWN BY:	MZ

SHEET NO

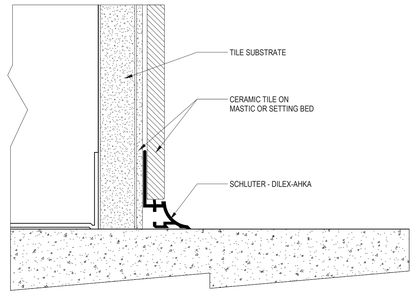
A8.02



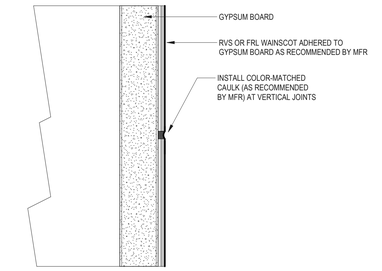
25 CORNER GUARD - M-1 - BLACKENED STEEL
6" = 1'-0"



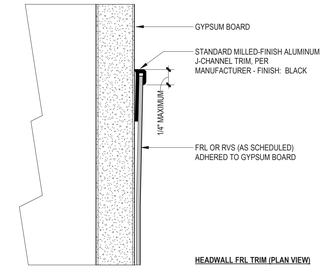
20 WOOD SIDING AT CORNER
1 1/2" = 1'-0"



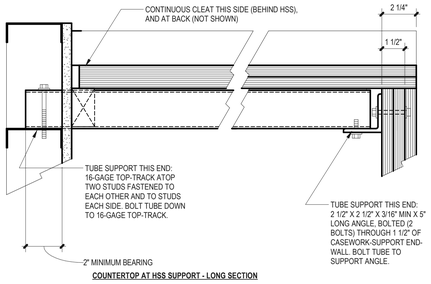
15 C3040.10 CONC FLOORING AT TILE WALL
12" = 1'-0"



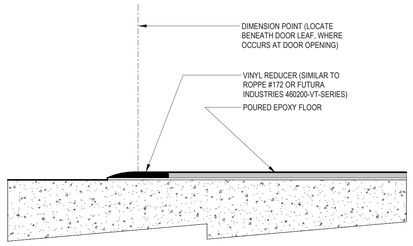
10 WAINSCOT - RVS/FRL - BUTT JOINT (NO TRIM)
12" = 1'-0"



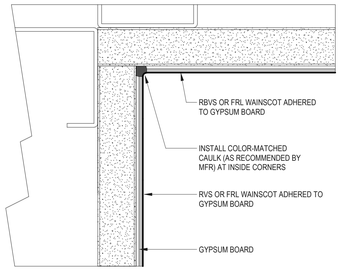
5 C3010.13 WAINSCOT - RVS/FRL - TOP WITH TRIM
12" = 1'-0"



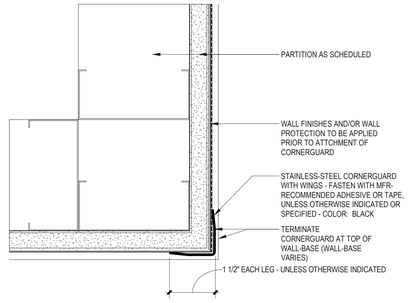
24 COUNTERTOP SUPPORT
3" = 1'-0"



14 FLOORING TRANSITION - CONCRETE TO EPOXY FLOOR
12" = 1'-0"



9 C3010.16 WAINSCOT - RVS/FRL - INSIDE CORNER (NO TRIM)
12" = 1'-0"



4 C3010.06 CORNER GUARD - STAINLESS STEEL
6" = 1'-0"

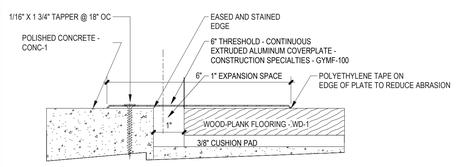
23 SINK DETAIL
3/4" = 1'-0"

18 INTEGRAL SINK SECTION
1" = 1'-0"

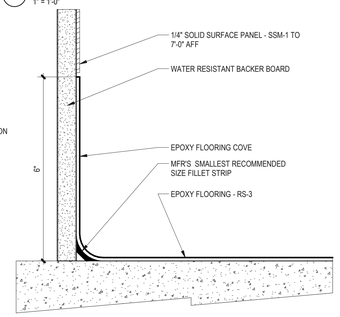
7 CORNER GUARD - M-1 - BLACKENED STEEL
6" = 1'-0"

8 C3010.01 WALL BASE - HARDWOOD
6" = 1'-0"

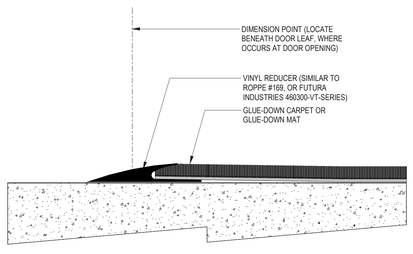
3 C3010.04 CORNER GUARD (DOUBLE) - STAINLESS STEEL
6" = 1'-0"



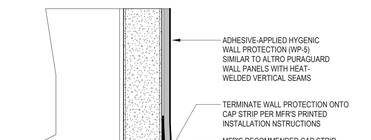
22 FLOORING TRANSITION - CONCRETE TO WOOD PLANK
6" = 1'-0"



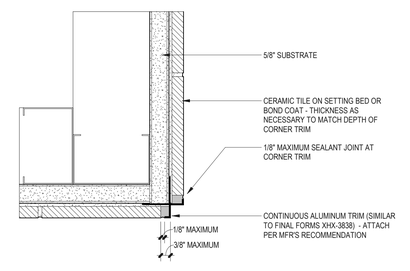
17 SHOWER WALL PANELS @ SELF-COVED BASE
6" = 1'-0"



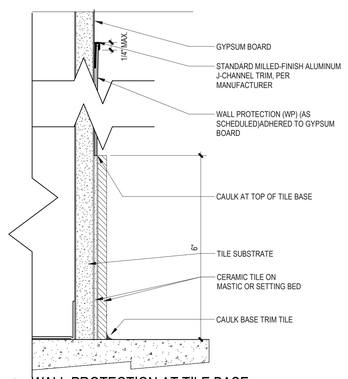
12 FLOORING TRANSITION - CONCRETE TO CARPET
12" = 1'-0"



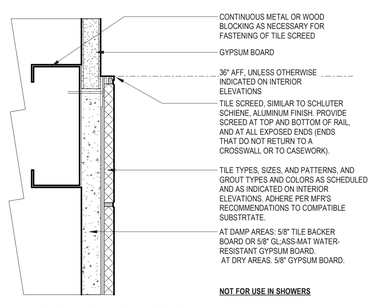
6 C3010.77 SELF-COVED WALL BASE AT HYGENIC WP
12" = 1'-0"



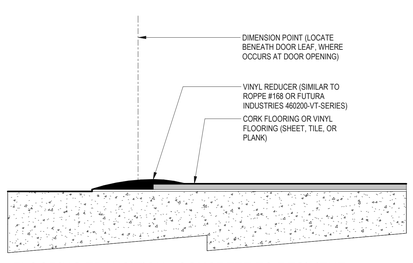
2 C3010.08 CORNERGUARD ALUMINUM "X" AT TILE
6" = 1'-0"



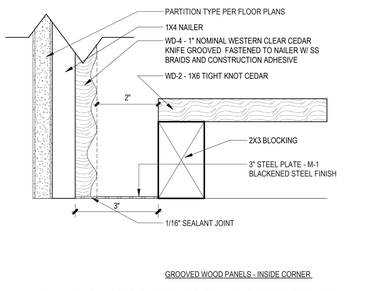
21 WALL PROTECTION AT TILE BASE
6" = 1'-0"



16 TILE WAINSCOT DETAIL
6" = 1'-0"



11 FLOORING TRANSITION - CONCRETE TO RESILIENT
12" = 1'-0"



1 C3010.29 PANELS - GROOVED WOOD - INSIDE CORNER
6" = 1'-0"

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3626 REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

DETAILS (FINISHES)

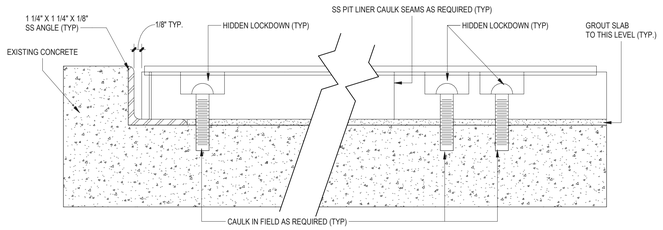
ISSUANCE

No.	Description	Date
	PH 2 PERMIT SET	08/16/18
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	PH 2 PERMIT COMMENTS	12/12/18
	PH 2 PERMIT REVIEW 2019	01/04/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

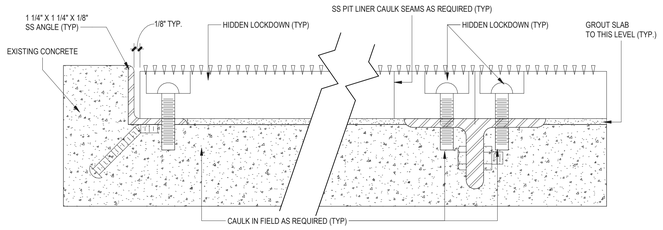
PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: MZ

SHEET NO
A8.03

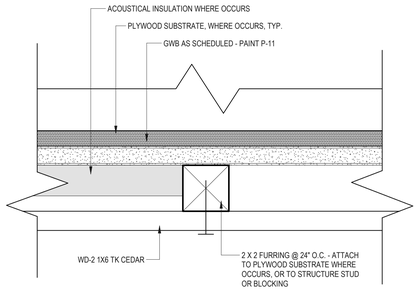
7/9/2020 12:48:44 PM C:\Users\mzegerski\Documents\17031 Tulalip Gathering Hall- Central_mzegerski@TGBArchitects.com.rvt



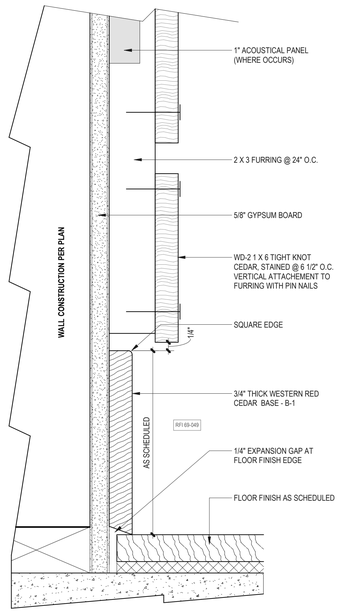
8 WALK-OFF MAT - RECESSED - SECTION B
1/2" = 1'-0"



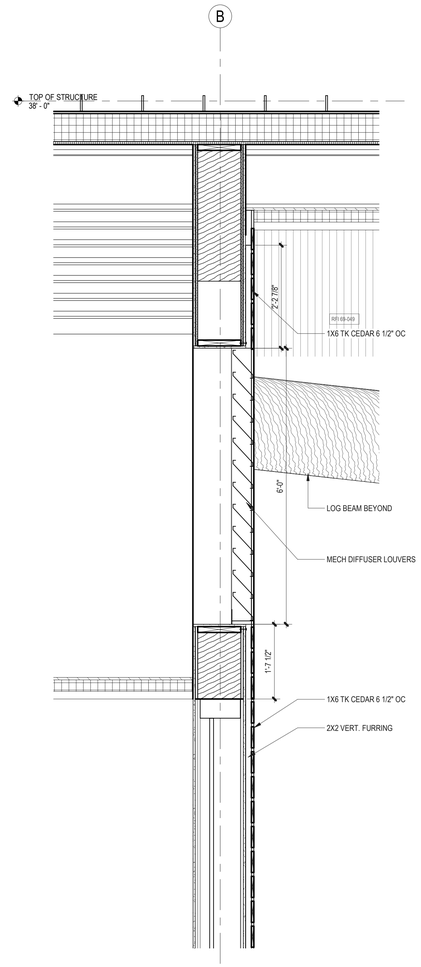
7 WALK-OFF MAT - RECESSED - SECTION A
1/2" = 1'-0"



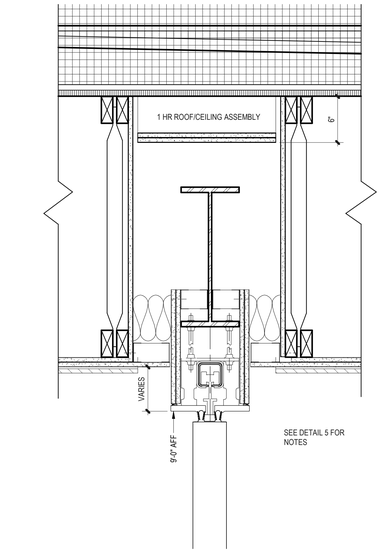
6 INTERIOR WOOD WALL PANELING - PLAN VIEW
6" = 1'-0"



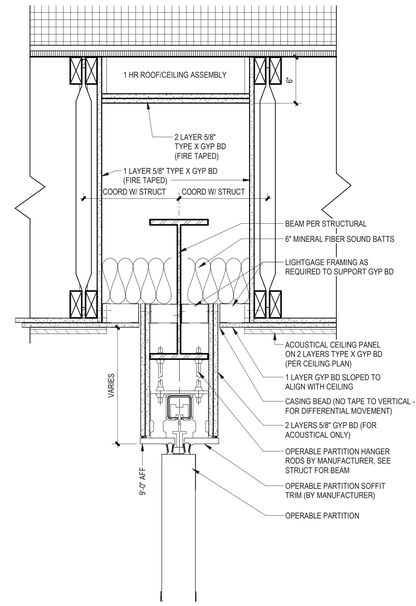
3 INTERIOR WOOD WALL PANEL SECTION WITH BASE
6" = 1'-0"



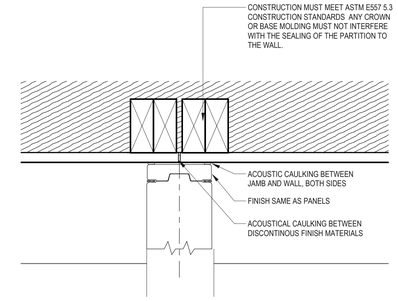
2 MECH GRILL SECTION - NORTH WALL
3/4" = 1'-0"



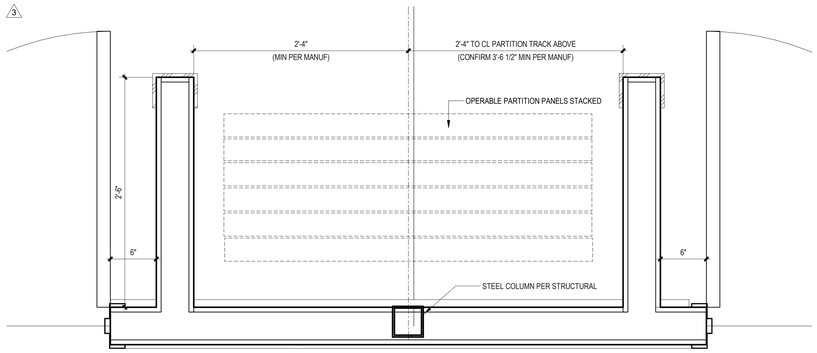
9 OPERABLE PARTITION LOW CEILING SIDE
1 1/2" = 1'-0"



5 OPERABLE PARTITION HIGH CEILING SIDE
1 1/2" = 1'-0"



4 OPERABLE PARTITION JAMB STRIKE
3" = 1'-0"



1 OPERABLE PARTITION POCKET
1 1/2" = 1'-0"

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Edmonds WA 98026
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PHASE 2 - BUILDING AND LANDSCAPING

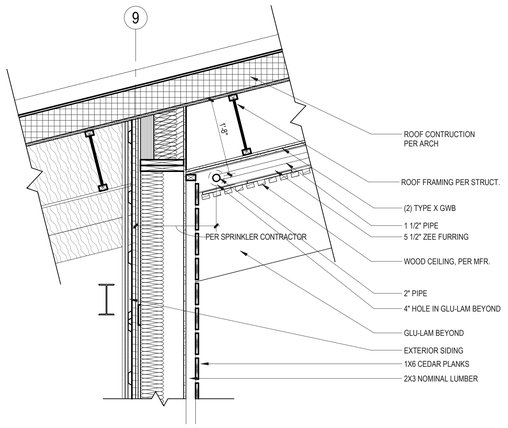
DETAILS

ISSUANCE

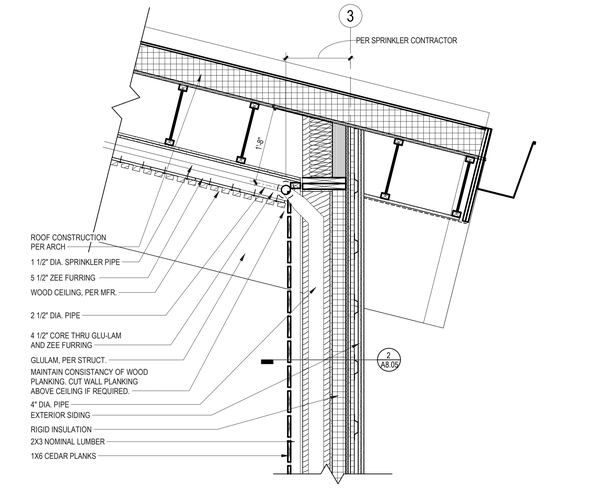
No.	Description	Date
	PH 2 BID SET	10/08/18
	ADDENDUM 3	11/14/18
	ADDENDUM 4	11/28/18
	PH 2 PERMIT REVIEW 2019	01/04/19
3	PH 2 ASI 3	06/19/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: MZ

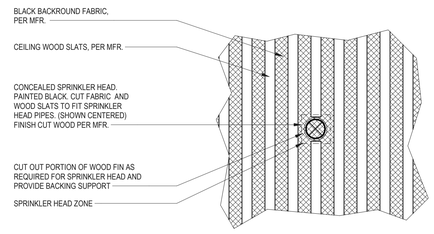
SHEET NO
A8.04



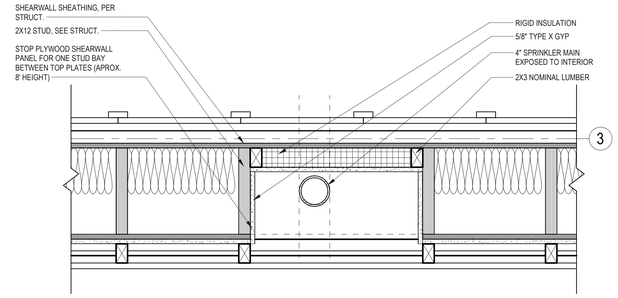
6 SECTION - FIRE SUPPRESSION IN EAST WALL
3/4" = 1'-0"



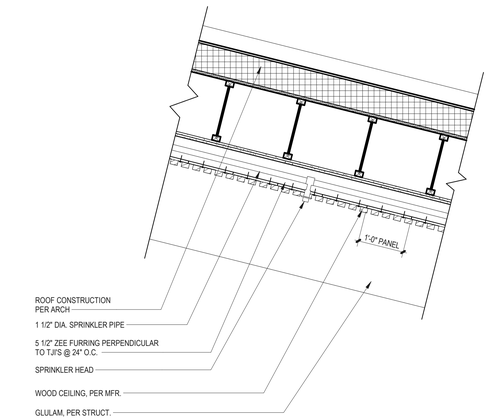
3 WALL SECTION AT HIGH ROOF
3/4" = 1'-0"



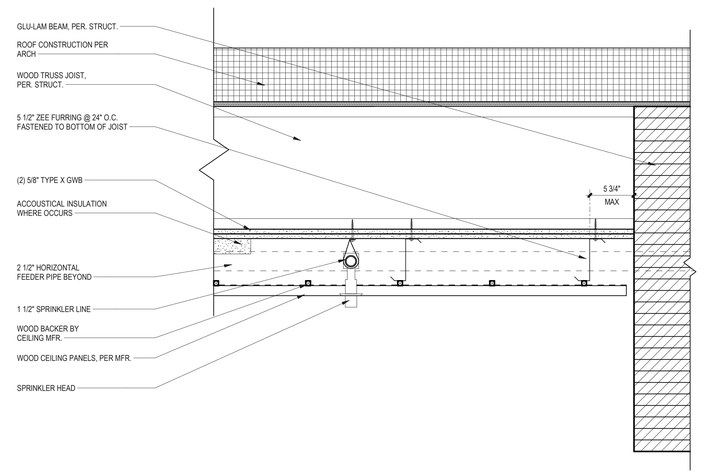
5 DETAIL - SPRINKLER HEADS
1 1/2" = 1'-0"



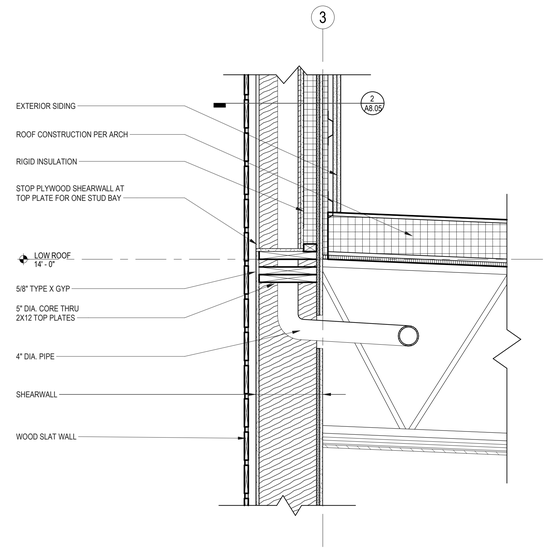
2 DETAIL - VERTICAL FEEDER PIPE IN EXTERIOR WALL
1 1/2" = 1'-0"



7 CEILING SECTION AT SPRINKLER HEAD
3/4" = 1'-0"



4 CEILING SECTION NEAR GLULAM
1 1/2" = 1'-0"



1 WALL SECTION AT LOW ROOF
1" = 1'-0"

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3626 REGISTERED ARCHITECT
L. KENT GREGORY
STATE OF WASHINGTON

TULALIP TRIBES GATHERING HALL

7512 TOTEM BEACH RD
TULALIP, WA 98271

PHASE 2 - BUILDING AND LANDSCAPING

FIRE SUPPRESSION DETAILS

ISSUANCE

No.	Description	Date
12	PH 2 CCD 5	08/22/19
	PH 2 CONFORM SET	10/14/19
	PH 2 RECORD SET	06/02/20

PROJECT INFORMATION
PROJECT NUMBER: 17031
PROJECT LEAD: DC
DRAWN BY: MZ

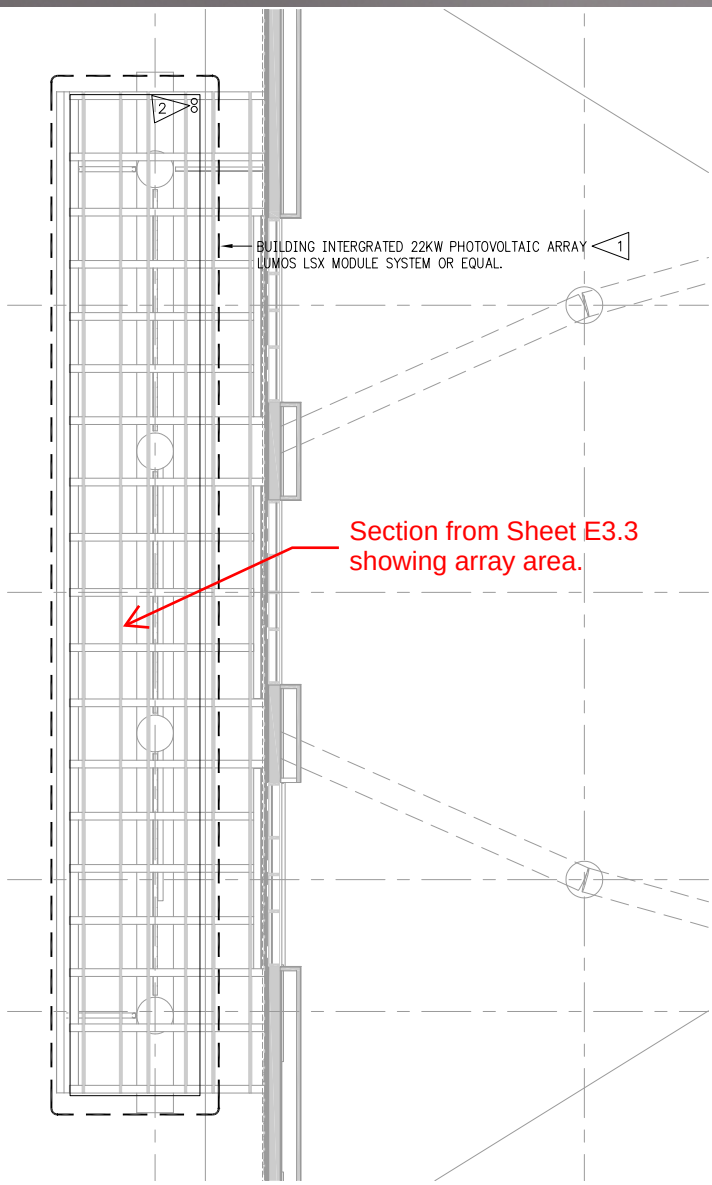
SHEET NO
A8.05

Exhibit J.2.4. Existing Solar Details

Existing Solar PV breaker. Located on the MDP.
Breaker: 30A - 480V

Array installed just after building construction in 2021 and integrated into the awning on the Southwest side.

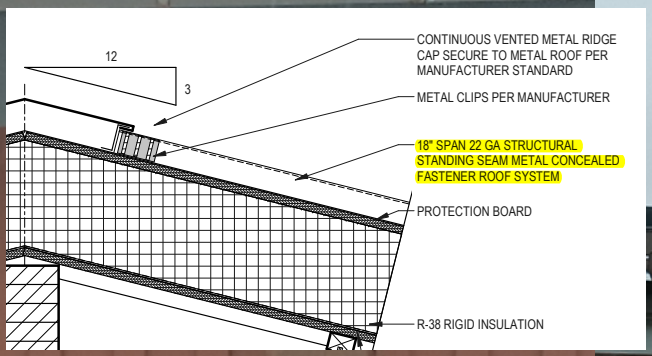
Size approximately 22kW-DC




Existing Inverter: SolarEdge 20kW
24A - 480V
LASER IN USE
SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN
TURN RAPID SHUTDOWN SWITCH TO THE "OFF" POSITION TO SHUT DOWN PV SYSTEM AND REDUCE SHOCK HAZARD IN THE ARRAY
ON
OFF
PV SYSTEM DISCONNECT
WARNING
ELECTRICAL SHOCK HAZARD
DO NOT TOUCH TERMINALS. TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION
RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM
WARNING: PHOTOVOLTAIC POWER SOURCE
WARNING
ARC FLASH & SHOCK HAZARD
Appropriate personal protection equipment required
WARNING / AVERTISSEMENT
solaredge
ON
OFF
PV SYSTEM DISCONNECT
WARNING
ELECTRICAL SHOCK HAZARD
EATON

Exhibit J.2.5. Roof Profile

Seam Width Estimate



Seam Type Image