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ADDENDUM NO. 2

WASHINGTON STATE PARKS AND RECREATION COMMISSION
NISQUALLY STATE PARK
WELCOME CENTER & LOOP TRAIL PHASE 3B
NW-C1218C

DATE: August 26, 2025

ATTENTION TO PLANHOLDERS OF RECORD. The following revisions are hereby made a part of the Contract Documents. Please be sure to acknowledge all Addenda on the Bid Form.

SUBMITTAL DUE DATE/TIME - BID DEADLINE:
This addendum formally extends the bid due date from Thursday, August 28th, 2025, at 1:00 PM to **Wednesday, September 3rd, 2025, at 1:00 PM** to accommodate the issuance of Addendum No. 2, which includes important updates to the project requirements and specifications. We apologize for any inconvenience this may cause and appreciate your understanding.

PROJECT MANUAL

I.CHANGES TO THE SPECIFICATIONS

Delete Specification Section 016000 Product Requirements and replace with new Section 016000 Product Requirements

Delete Specification Section 061000 Rough Carpentry and replace with new Section 061000 Rough Carpentry

DRAWINGS

The Following plan and specification changes shall be incorporated into the bid proposal and subsequent construction:

Delete Sheet C3.13 and replace with new Sheet C3.13

Delete Sheet C3.4 and replace with new Sheet C3.4

Delete Sheet S2.1 and replace with new Sheet S2.1

Please remember that *acknowledgment of every issued addendum* is required on your bid form for your submission to be considered responsive.

Attachments:

- Bid Clarifications (02 pages)
- Section 016000 - Product Requirements (04 pages)
- Section 061000 – Rough Carpentry (09 pages)
- NW-C1218C Nisqually-WC & Loop Trl Phase 3B-Drawing Sheet 42 of 119 (Sheet C3.13)
- NW-C1218C Nisqually-WC & Loop Trl Phase 3B-Drawing Sheet 33 of 119 (Sheet C3.4)
- NW-C1218C Nisqually-WC & Loop Trl Phase 3B-Drawing Sheet 95 of 119 (Sheet S2.1)

Brett Taylor

Brett Taylor, Procurement Coordinator
Contracts and Grants Program

08/26/25
Date

END OF ADDENDUM NO. 2

Nisqually State Park Full Service Park - Phase 3B
Washington State Parks and Recreation Commission
Bid Clarifications

1. Question: Welcome Figure is shown as OFCI on site plan and specifications, but noted to be installed by Owner on C3.13 Detail 2 notes.
   Answer: Welcome figure to be OFCI as per site plan and specification.

2. Question: Locations? Quantity? start/stop? Cannot locate 'paddle railing' from Owner Furnished Item Table in section 01600
   Answer: Provided on both sides of each landing of the approach ramp as per detail 1/C3.4

3. Question: S2.1 grid line 5: is this the 12" log post on F2 footing? Nothing noted as OFCI
   Answer: Welcome center peeler poles are to be furnished and installed by the contractor.

4. Question: Please not OFCI on 2/C2.2 for 2 Threshold poles at overlook approach.
   Answer: Already noted on detail see 5/C3.4 which callout on C2.2 directs you to.

5. Question: What are the plant sizes, spacing and % of each in mixes listed on L2.1
   Answer: Plants called for on L1.1 and L2.1 should be plugs per specification 329300 2.2D, 24" O.C planted in equal percentages of each plant species.

6. Question: Can you confirm there are no wetland plantings? I only see the encroachment shown on plans.
   Answer: There are plantings in wetland buffers as shown on plans.

7. Question: C8.1 Sign panel from list above (Custom Sign Schedule) are OFCI or the panels on the boardwalk/ramps? Please provide more information.
   Answer: This note is for signs listed on C8.1 only, all sign panels on C8.1 are OFCI. Similarly the note on C9.0 applies to the sign panels on sheet C9.0

8. Question: C10.0 Scale bar says 1" = 2' dimensions on drawings have drawing scaled at 1" = 4'
   Answer: The dimensions of the drawings are correct the scale was scaled incorrectly.

9. Question: Sheet C10.0 has a note for a "sign or kiosk" at the welcome center, this does not line up with site plan or signage plans. Is this an additional Kiosk location?
   Answer: No, please disregard that note. Refer to site plans.

10. Question: Specification Section 061000 – Rough Carpentry 1.3H 2 Owner-furnished/contractor installed products list equipment mounting boards and roller window shades. This conflicts with Plans

Answer: Plans are correct, roller window shades and wall mounted bulletin board are Contractor furnished, and contractor installed.

NISQUALLY STATE PARK
PHASE 3B – WELCOME CENTER AND LOOP TRAIL
ADDENDA #2

SECTION 016000 – PRODUCT REQUIREMENTS

PART 1 - GENERAL

1.1 OWNER FURNISHED/CONTRACTOR INSTALLED ITEMS

A. The Owner furnishes no items, except for following:

Owner Furnished Item	**Approximate Delivery Date to Project Site**
Welcome Figure	January, 2026
6 Custom ADA Benches	October, 2025
Spindle Worl Medallion (For Welcome Center Truss)	January, 2026
Paddle Railing For Overlook Approach Landings	January, 2026
64 Precast Artistic Concrete Pavers	January, 2026
2 Threshold Poles at Overlook Approach	January, 2026
Toilet paper dispenser	January, 2026

Contractor shall make all arrangements for, and provide all fasteners and materials required to install the Owner Furnished items.

B. The Owner furnishes no items except as listed in 1.1.A and the Borrow Pit from which Common Borrow A material will be sourced. There will be no unit cost for Common Borrow A material to the Contractor from the Owner.

1.2 IMPLIED/INCIDENTAL MATERIALS

A. Contractor shall provide all minor materials required for proper Project completion. These minor materials, although not specifically mentioned or shown in Contract Documents, are part of materials to be provided by Contractor as a part of Contract and are considered incidental to the total cost of Project. No additional compensation is due to the Contractor for providing such items.

1.3 QUALITY OF MATERIALS

A. Materials are to be new, free from defects, and of quality specified in the drawings and specifications.

B. Select and provide materials to ensure satisfactory operation and rated life in prevailing environmental conditions were installed.

C. Same make and quality throughout the entire job, for each type. Furnish materials of latest standard design products of manufacturers regularly engaged in their production.

1.4 SPECIFIED MATERIALS

A. Drawings and specifications generally reference only one make and model for each item of material or equipment required. This is not intended to be restrictive but indicates the standard of quality, design, and features required.

B. Specified product is the basis of design regarding physical size, strength, and performance. Products named indicate minimum acceptable product and are "or equal" unless noted otherwise.

1.5 SUBSTITUTIONS

A. Substitutions for Cause: Submit requests for substitution immediately on discovery of need for change, but not later than 15 days prior to time required for preparation and review of related submittals.

1. Conditions: Project Representative will consider Contractor's request for substitution when the following conditions are satisfied:

a. Requested substitution is consistent with Contract Documents and will produce indicated results.
b. Requested substitution provides sustainable design characteristics that specified product provided.
c. Requested substitution will not adversely affect Contractor's construction schedule.
d. Requested substitution has received necessary approvals of Authorities Having Jurisdiction.
e. Requested substitution is compatible with other portions of Work.
f. Requested substitution has been coordinated with other portions of Work.
g. Requested substitution provides specified warranty.
h. If requested substitution involves more than one contractor, requested substitution has been coordinated with other portions of Work, is uniform and consistent, is compatible with other products, and is acceptable to all contractors involved.

B. Substitutions for Convenience: Project Representative will consider requests for substitution if received within 40 days after the Notice to Proceed.

1. Conditions: Project Representative will consider Contractor's request for substitution when the following conditions are satisfied:
a. Requested substitution offers Owner a substantial advantage in cost, time, energy conservation, or other considerations, after deducting additional responsibilities Owner must assume. Owner's additional responsibilities may include compensation to Engineer for redesign and evaluation services, increased cost of other construction by Owner, and similar considerations.

b. Requested substitution does not require extensive revisions to Contract Documents.
c. Requested substitution is consistent with Contract Documents and will produce indicated results.
d. Requested substitution provides sustainable design characteristics that specified product provided**.**
e. Requested substitution will not adversely affect Contractor's construction schedule.
f. Requested substitution has received necessary approvals of Authorities Having Jurisdiction.
g. Requested substitution is compatible with other portions of Work.
h. Requested substitution has been coordinated with other portions of Work.
i. Requested substitution provides specified warranty.
j. If requested substitution involves more than one contractor, requested substitution has been coordinated with other portions of Work, is uniform and consistent, is compatible with other products, and is acceptable to all contractors involved.

1.6 SUBSTITUTION OF MATERIALS ("OR EQUAL")

A. Proposed equipment to be considered "or equal" will necessitate written approval by the Engineer prior to substitution.

B. On requests for substitution of materials clearly define and describe proposed substitute.

C. Accompany requests by complete specifications, samples, records of performance, certified test reports, and such other information as the Engineer may request to evaluate the substitute product.

D. Contractor is responsible for a substitute item suiting the installation requirements and for additional costs incurred as a result of substitution.

E. Final decisions regarding quality and suitability of proposed substitutions rests solely with Engineer and will be based on information submitted.

1.7 TECHNICAL DATA

A. Technical data and information contained herein relies entirely on tests and ratings provided by manufacturers who are solely responsible for their accuracy. Project Representative, by use of this information in no way implies that Project Representative has tested or otherwise verified the results of published manufacturer's information.

1.8 DELIVERY, STORAGE AND HANDLING

A. For Owner Furnished/Contractor Installed items listed in 1.1.A, the Owner will deliver these items to the Project Site at a date/time mutually agreed upon by the Owner and Contractor. Contractor shall provide the labor, equipment, materials, space, and everything needed to safely and properly unload all items. Once the delivery vehicle arrives at the Project Site, Contractor and Owner shall inspect Owner Furnished and record the condition of all items. Thereinafter Contractor accepts all responsibility for safely and securely unloading and storing all Owner

Furnished items. Contractor accepts responsibility for replacing any and all damage to Owner Furnished items, at Contractor's sole costs, till Final Completion. Replacing items damaged while in Contractor's custody in part, of in whole, will solely be the decision of the Owner.

B. Transport products by methods to avoid product damage. Only deliver products to the site that are undamaged and free from defects.

C. Provide proper equipment and personnel to handle and transport materials/products to the Project sites safely and undamaged.

D. Promptly inspect material to assure that products comply with Contract requirements, quantities are correct, and products are undamaged.

E. Store and/or stockpile materials and products only in areas of park designated and approved by Project Representative prior to delivery.

F. Arrange storage to provide easy access for inspections. Original product labels, certifications, stamps, etc. to be intact and readily visible for inspection purposes.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION

NISQUALLY STATE PARK
PHASE 3B – WELCOME CENTER AND LOOP TRAIL
ADDENDA #2

SECTION 061000 - ROUGH CARPENTRY

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
1. Wood products.
2. **Preservative-treated lumber.**
3. Fire-retardant-treated lumber.
4. Dimension lumber framing.
5. Miscellaneous lumber.
6. Plywood backing panels.

1.2 DEFINITIONS

A. Boards or Strips: Lumber of less than 2 inches nominal size in least dimension.

B. Dimension Lumber: Lumber of 2 inches nominal size or greater but less than 5 inches nominal size in least dimension.

C. **Exposed Framing: Framing not concealed by other construction.**

D. Lumber grading agencies, and abbreviations used to reference them, include the following:
1. WCLIB: West Coast Lumber Inspection Bureau.
2. WWPA: Western Wood Products Association.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of process and factory-fabricated product.
1. Indicate component materials and dimensions.
2. Include construction and application details.
3. **Include data for preservative treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements. Indicate type of preservative used and net amount of preservative retained.**
4. Include data for fire-retardant treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements. Include physical properties of treated materials based on testing by a qualified independent testing agency.
5. For fire-retardant treatments, include physical properties of treated lumber both before and after exposure to elevated temperatures, based on testing by a qualified independent testing agency according to ASTM D5664.
6. **For products receiving a waterborne treatment, include statement that moisture content of treated materials was reduced to levels specified before shipment to Project site.**

1.4 INFORMATIONAL SUBMITTALS

A. Material Certificates:
1. For dimension lumber specified to comply with minimum allowable unit stresses. Indicate species and grade selected for each use and design values approved by ALSC Board of Review.
2. **For preservative-treated wood products. Indicate type of preservative used and net amount of preservative retained.**

1.5 QUALITY ASSURANCE

A. Testing Agency Qualifications: For testing agency providing classification marking for fire-retardant treated material, an inspection agency acceptable to AHJ that periodically performs inspections to verify that materials bearing classification marking is representative of material tested.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Stack wood products flat with spacers beneath and between each bundle to provide air circulation.
   1. Protect wood products from weather by covering with waterproof sheeting, securely anchored.
   2. Provide for air circulation around stacks and under coverings.

PART 2 - PRODUCTS

2.1 WOOD PRODUCTS

A. **Certified Wood: The following wood products shall be certified as "FSC Pure" according to FSC STD-01-001 and FSC STD-40-004.**

B. Lumber:
   1. Comply with DOC PS 20 and with applicable rules of grading agencies indicated.
   2. If no grading agency is indicated, comply with applicable rules of any rules-writing agency certified by ALSC Board of Review.
   3. Grade lumber by an agency certified by ALSC Board of Review to inspect and grade lumber under rules indicated.
   4. Factory mark each piece of lumber with grade stamp of grading agency.
   5. [**For exposed lumber indicated to receive a stained or natural finish, apply grade stamp on end or back of each piece or omit grade stamp and provide certificates of grade compliance issued by grading agency if acceptable to AHJ.**]
   6. Dress lumber, S4S, unless otherwise indicated.

C. Maximum Moisture Content of Lumber:[**As indicated on structural Drawings.**]
   1. 2 Inch Nominal Thickness or Less: 15 percent.
   2. More Than 2 Inch Nominal Thickness: 19 percent unless otherwise indicated.

D. Lumber fabricated from old growth timber is not permitted.

2.2 WOOD-PRESERVATIVE-TREATED LUMBER

A. Preservative Treatment by Pressure Process: AWPA U1, Use Categories as follows:
   1. UC1: Interior construction not in contact with ground or subject to moisture.
   2. UC2: Interior lumber not in contact with ground but may be subject to dampness, including wood in contact with concrete and masonry.
   3. UC3A: Exterior construction not in contact with ground but exposed to all weather cycles including intermittent wetting.
   4. UC3B: Exterior construction not in contact with ground, exposed to all weather cycles including prolonged wetting.
   5. UC4A: Non-critical sawn products in contact with ground and exposed to all weather cycles including continuous or prolonged wetting, and sawn products not in contact with ground but with ground contact-type hazards or that are critical or hard to replace.
   6. UC4B: Critical or difficult-to-replace sawn products in contact with ground and exposed to all weather cycles including continuous or prolonged wetting, high decay potential, and salt water splash.
   7. Preservative Chemicals: Acceptable to AHJ and containing no arsenic or chromium.
      a. **Do not use inorganic boron (SBX) for sill plates**.
   8. **For exposed items indicated to receive a stained or natural finish, use chemical formulations that do not contain colorants, bleed through, or otherwise adversely affect finishes.**

9. After treatment, redry boards and dimension lumber to 19 percent maximum moisture content.

B. Kiln-dry lumber after treatment to a maximum moisture content of 19 percent. Do not use material that is warped or that does not comply with requirements for untreated material.

C. Mark lumber with treatment quality mark of an inspection agency approved by ALSC Board of Review.
1. **For exposed lumber indicated to receive stained or natural finish, mark end or back of each piece or omit marking and provide certificates of treatment compliance issued by testing and inspection agency if acceptable to AHJ.**

D. Application: Treat items indicated on Drawings as PT, and the following:
1. Concealed rough carpentry wood members in contact with masonry or concrete.
2. Wood framing and furring attached directly to interior of below-grade exterior masonry or concrete walls.
3. **Wood floor plates that are installed over concrete slabs-on-grade.**

2.3 FIRE-RETARDANT-TREATED LUMBER

A. Where fire-retardant-treated materials are indicated, materials shall comply with requirements in this Article, that are acceptable to AHJ, and with fire-test-response characteristics specified as determined by testing identical products per test method indicated by a qualified testing agency.

B. Fire-Retardant-Treated Lumber and Plywood by Pressure Process: Products with a flame-spread index of 25 or less when tested according to ASTM E84, and with no evidence of significant progressive combustion when the test is extended an additional 20 minutes, and with flame front not extending more than 10.5 feet beyond centerline of burners at any time during test.
1. Treatment shall not promote corrosion of metal fasteners.
2. Exterior Type: Treated materials shall comply with requirements specified above for fire-retardant-treated lumber and plywood by pressure process after being subjected to accelerated weathering according to ASTM D2898.
   a. Application: Exterior locations and where indicated, including wood members associated with roof deck assemblies.
3. Interior Type A: Treated materials shall have a moisture content of 28 percent or less when tested according to ASTM D3201 at 92 percent relative humidity.
   a. Application: Where exterior type is not indicated.
4. Design Value Adjustment Factors: Treated lumber shall be tested according to ASTM D5664, and design value adjustment factors shall be calculated according to ASTM D6841.

C. Kiln-dry lumber after treatment to maximum moisture content of 19 percent. Kiln-dry plywood, including backing panels, after treatment to maximum moisture content of 15 percent.

D. Identify fire-retardant-treated wood with appropriate classification marking of qualified testing and inspecting agency acceptable to AHJ.
1. **For exposed lumber indicated to receive stained or natural finish, mark end or back of each piece or omit marking and provide certificates of treatment compliance issued by testing and inspection agency if acceptable to AHJ.**

E. **For exposed items indicated to receive a stained or natural finish, chemical formulations shall not bleed through, contain colorants, or otherwise adversely affect finishes.**

F. Application: Treat items indicated on Drawings as FRT, and the following:
1. Concealed blocking.
2. Framing for non-load-bearing partitions.
3. Framing for non-load-bearing exterior walls.
4. Wood nailers, curbs, equipment support bases, blocking, and similar members in connection with roofing.
5. Plywood backing panels.

2.4 DIMENSION LUMBER FRAMING

A. Non-Load-Bearing Interior Partitions: Construction or No. 2 grade.
   1. Species: Douglas fir-larch; WCLIB or WWPA
   2. Application: Interior, non-load-bearing partitions.

B. Load-Bearing Partitions by Grade: Construction or No. 2 grade.
   1. Species: Douglas fir-larch; WCLIB or WWPA unless indicated otherwise on Drawings.
   2. Application: Exterior walls and interior load-bearing partitions.

C. Joists, Rafters, and Other Framing Not Listed Above: Construction or No. 2 grade.
   1. Species: Douglas fir-larch; WCLIB or WWPA [**As indicated on structural Drawings**.]

2.5 MISCELLANEOUS LUMBER

A. Provide miscellaneous lumber indicated and lumber for support or attachment of other construction, including the following:
   1. Blocking.
   2. Nailers.
   3. Furring.

B. Dimension Lumber Items: Construction or No. 2 grade lumber of the following species:
   1. Species: Douglas fir-larch; WCLIB or WWPA unless indicated otherwise on Drawings

C. Concealed Boards: Standard or No. 3 Common grade [**Construction or No. 2 Common**] grade lumber of the following species.
   1. Species: Douglas fir-larch; WCLIB or WWPA unless indicated otherwise on Drawings

D. Roofing Nailers: Structural- or No. 2-grade lumber or better; kiln-dried Douglas fir or wood having similar decay-resistant properties.

E. For blocking not used for attachment of other construction, Utility, Stud, or No. 3 grade lumber of any species may be used provided that it is cut and selected to eliminate defects that will interfere with its attachment and purpose.

F. For blocking and nailers used for attachment of other construction, select and cut lumber to eliminate knots and other defects that will interfere with attachment of other Work.

G. For furring strips for installing plywood or hardboard paneling, select boards with no knots capable of producing bent-over nails and damage to paneling.

2.6 PLYWOOD BACKING PANELS

A. Equipment Backing Panels: Plywood, DOC PS 1, Exposure 1, C-D Plugged, fire-retardant treated, in thickness indicated or, if not indicated, not less than 3/4 inch nominal thickness.

2.7 FASTENERS

A. Provide fasteners of size and type indicated, that comply with requirements specified in this Article for material and manufacture, and are acceptable to AHJ.
   1. Provide nails or screws, in sufficient length, to penetrate not less than 1-1/2 inches into wood substrate.
   2. Where rough carpentry is in ground contact, pressure-preservative treated, or in area of high relative humidity, provide fasteners with hot-dip zinc coating complying with ASTM A153 or Type 304 stainless steel.

B. Nails, Brads, and Staples: ASTM F1667.

C. Power-Driven Fasteners: Fastener systems with an evaluation report acceptable to authorities having jurisdiction, based on ICC-ES AC70.

D. Post-Installed Anchors: Fastener systems with an evaluation report acceptable to authorities having jurisdiction, as appropriate for substrate, based on the following:
   1. Mechanical Anchors:
      a. Masonry: ICC-ES AC01.
      b. Concrete: ICC-ES AC193.
   2. Adhesive Anchors:
      a. Masonry: ICC-ES AC58.
      b. Concrete: ICC-ES AC308.
   3. Materials:
      a. Carbon-Steel Components: Zinc plated to comply with ASTM B633, Class Fe/Zn 5.
      b. Stainless Steel with Bolts and Nuts: Comply with ASTM F593 and ASTM F594, Alloy Group 1 or 2.

2.8 METAL FRAMING ANCHORS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   1. Cleveland Steel Specialty Co.
   2. KC Metals Products, Inc.
   3. MiTek Industries, Inc.
   4. Phoenix Metal Products, Inc.
   5. Simpson Strong-Tie Co., Inc.
   6. Tamlyn.
   7. USP Structural Connectors.
   8. Approved substitution.

B. Post Bases: Adjustable-socket type for bolting in place with standoff plate to raise post 1 inch above base and with 2 inch minimum side cover.
   1. Socket Base: 0.064 inch thick
   2. Standoff and Adjustment Plates: 0.108 inch thick.

C. Joist Ties: Flat straps, with holes for fasteners, for tying joists together over supports **as indicated on structural Drawings**.
   1. Width: **3/4 inch**
   2. Thickness: **0.050 inch**
   3. Length: As indicated.

D. Rafter Tie-Downs: Bent strap tie for fastening rafters or roof trusses to wall studs below. **Tie fastens to side of rafter or truss, face of top plates, and side of stud below.**
   1. Strap Width: 1-1/2 inches.
   2. Thickness: 0.050 inch.

E. Rafter Tie-Downs (Seismic Ties): Bent strap tie for fastening rafters or roof trusses to wall studs below. Tie fits over top of rafter or truss and fastens to both sides of rafter or truss, face of top plates, and side of stud below.
   1. Strap Width: 2-1/4 inches.
   2. Thickness: 0.064 inch.

F. Floor-to-Floor Ties: Flat straps, with holes for fasteners, for tying upper floor wall studs to band joists and lower floor studs **as indicated on structural Drawings**.
   1. Strap Width: 1-1/4 inches.
   2. Thickness: 0.050 inch.
   3. Length: 36 inches.

G. Hold-Downs: Brackets for bolting to wall studs and securing to foundation walls with anchor bolts or to other hold-downs with threaded rods and designed **as indicated on structural Drawings**.
   1. Bolt Diameter: **5/8 inch**
   2. Width: **2-1/2 inches**

3. Body Thickness: **0.108 inch**
4. Base Reinforcement Thickness: **0.108 inch**

H. Wall Bracing:
1. T-shaped bracing made for letting into studs in saw kerf, 1-1/8 inches wide by 9/16 inch deep by 0.034 inch thick with hemmed edges.
2. Angle bracing made for letting into studs in saw kerf, 15/16 by 15/16 by 0.040 inch thick with hemmed edges.

I. Materials: Unless otherwise indicated, fabricate from the following materials:
1. Galvanized-Steel Sheet: Hot-dip, zinc-coated steel sheet complying with ASTM A653, G60 coating designation.
   a. Use for interior locations unless otherwise indicated.
2. Hot-Dip, Heavy-Galvanized Steel Sheet: ASTM A653; structural steel (SS), high-strength low-alloy steel Type A (HSLAS Type A), or high-strength low-alloy steel Type B (HSLAS Type B); G185 coating designation; and not less than 0.034 inch thick.
   a. Use for preservative-treated lumber and where indicated.
3. Stainless-Steel Sheet: ASTM A666, Type 304.
   a. Use for exterior locations and where indicated.

2.9 MISCELLANEOUS MATERIALS

A. Sill-Sealer Gaskets: Provide one of the following types as suitable for locations indicated:
1. Glass-fiber-resilient insulation, fabricated in strip form, for use as a sill sealer; 1 inch nominal thickness, compressible to 1/32 inch; selected from manufacturer's standard widths to suit width of sill members indicated.
2. Closed-cell neoprene foam, 1/4 inch thick, selected from manufacturer's standard widths to suit width of sill members indicated.

B. Flexible Flashings: Refer to Section 076500 – Flexible Flashing for the following:
1. FA.FLSHG-1: Elastomeric flashing.
2. SA.FLSHG-1: Rubberized-asphalt flexible flashing.
3. SA.FLSHG-4: Butyl rubber flexible flashing.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Framing Standard: Comply with AF&PA's WCD 1, "Details for Conventional Wood Frame Construction," unless otherwise indicated.

B. Set Work to required levels and lines, with members plumb, true to line, cut, and fitted.
1. Fit rough carpentry accurately to other construction.
2. Locate nailers, blocking, and similar supports to comply with requirements for attaching other construction.

C. Install metal framing anchors to comply with manufacturer's written instructions. Install fasteners through each fastener hole.

D. Install sill sealer gasket to form continuous seal between sill plates and foundation walls.

E. Do not splice structural members between supports unless otherwise indicated.

F. Provide blocking and framing as indicated and as required to support facing materials, fixtures, specialty items, and trim.
1. Provide metal clips for fastening gypsum board at corners and intersections where framing or blocking does not provide a surface for fastening edges of panels.

2. Space clips not more than 16 inches on center.

G. Provide fire blocking in furred spaces, stud spaces, and other concealed cavities as indicated and as follows:
1. Furred spaces of walls, at each floor level, at ceiling, and at not more than 96 inches on center with solid wood blocking or noncombustible materials accurately fitted to close furred spaces.
2. Concealed spaces of wood-framed walls and partitions at each floor level, at ceiling line of top story, and at not more than 96 inches on center. Where fire blocking is not inherent in framing system used, provide closely fitted solid wood blocks of same width as framing members and 2 inch nominal thickness.
3. Concealed spaces between floor sleepers with same material as sleepers to limit concealed spaces to not more than 100 sq. ft. and to solidly fill space below partitions.
4. Concealed spaces behind combustible cornices and exterior trim at not more than 20 feet on center.

H. Blocking for Owner-Furnished Products:
1. Where products are indicated as Owner-furnished/Owner-installed (OFOI) and Owner-furnished/Contractor-installed (OFCI), coordinate with Owner to obtain product information for each product to determine blocking requirements. Provide appropriate blocking for each of these products.
2. Owner-furnished/Contractor-installed products may include the following:
   a. Toilet and bath accessories.

I. Sort and select lumber so that natural characteristics do not interfere with installation or with fastening other materials to lumber. Do not use materials with defects that interfere with function of member or pieces that are too small to use with minimum number of joints or optimum joint arrangement.

J. **Comply with AWPA M4 for applying field treatment to cut surfaces of preservative-treated lumber.**
1. **Use inorganic boron for items that are continuously protected from liquid water.**
2. **Use copper naphthenate for items not continuously protected from liquid water.**
3. **Application: Items not continuously protected from liquid water.**

K. **Where preservative-treated lumber is installed adjacent to metal decking, install continuous flexible flashing separator between wood and metal decking.**

L. Securely attach rough carpentry Work to substrate by anchoring and fastening as indicated, complying with the following:
1. Table 2304.10.1, "Fastening Schedule," in ICC's International Building Code (IBC).
2. ICC-ES evaluation report for fastener.

M. Securely attach roofing nailers to substrates by anchoring and fastening to withstand bending, shear, or other stresses imparted by Project wind loads and fastener-resistance loads as designed in accordance with ASCE/SEI 7.

N. Use steel common nails unless otherwise indicated.
1. Make tight connections between members.
2. Install fasteners without splitting wood.
3. Drive nails snug but do not countersink nail heads unless otherwise indicated.

3.2 INSTALLATION OF WOOD BLOCKING AND NAILERS

A. Install where indicated and where required for attaching other Work.
1. Form to shapes indicated and cut as required for true line and level of attached Work.
2. Coordinate locations with other Work involved.

B. Attach wood blocking to substrates to support applied loading. Recess bolts and nuts flush with surfaces unless otherwise indicated.

C. Attach wood roofing nailers securely to substrate to resist the designed outward and upward wind loads indicated on Drawings and in accordance with ANSI/SPRI ED-1, Tables A6 and A7.

3.3 INSTALLATION OF WALL AND PARTITION FRAMING

A. Provide single bottom plate and double top plates using members of 2 inch nominal thickness whose widths equal that of studs, except single top plate may be used for non-load-bearing partitions **and for load-bearing partitions where framing members bearing on partition are located directly over studs**. Fasten plates to supporting construction unless otherwise indicated.
   1. Exterior Walls: **2 by 6 inch nominal** size wood studs spaced **16 inches** on center unless otherwise indicated.
   2. Interior Partitions and Walls: **2 by 6 inch nominal** and **2 by 4 inch nominal** size wood studs spaced **16 inches** on center unless otherwise indicated.
   3. Provide continuous horizontal blocking at midheight of partitions more than 96 inches high, using members of 2-inch nominal thickness and of same width as wall or partitions.

B. Construct corners and intersections with 3 or more studs.

C. Frame openings with multiple studs and headers. Provide nailed header members of thickness equal to width of studs. Support headers on jamb studs.
   1. For non-load-bearing partitions, provide double-jamb studs and headers not less than 4 inch nominal depth for openings 48 inches and less in width, 6 inch nominal depth for openings 48 to 72 inches in width, 8 inch nominal depth for openings 72 to 120 inches in width, and not less than 10 inch nominal depth for openings 10 to 12 feet in width.
   2. For load-bearing walls, provide double-jamb studs for openings 60 inches and less in width, and triple-jamb studs for wider openings unless indicated otherwise. Provide headers of depth indicated.

D. Provide diagonal bracing where indicated, at 45-degree angle, full-story height unless otherwise indicated. Use **1 by 4 inch nominal-size boards, let-in flush with faces of studs**.

3.4 **INSTALLATION OF CEILING JOIST AND RAFTER FRAMING**

A. Ceiling Joists: Install with crown edge up and complying with requirements specified above for floor joists. Face nail to ends of parallel rafters.
   1. Where ceiling joists are at right angles to rafters, provide additional short joists parallel to rafters from wall plate to first joist; nail to ends of rafters and to top plate, and nail to first joist or anchor with framing anchors or metal straps. Provide 1 by 8 inch nominal-size or 2 by 4 inch nominal-size stringers spaced 48 inches on center crosswise over main ceiling joists.

B. Rafters: Notch to fit exterior wall plates and use metal framing anchors. Double rafters to form headers and trimmers at openings in roof framing, if any, and support with metal hangers. Where rafters abut at ridge, place directly opposite each other and nail to ridge member or use metal ridge hangers.
   1. At valleys, provide double-valley rafters of size indicated or, if not indicated, of same thickness as regular rafters and 2 inches deeper. Bevel ends of jack rafters for full bearing against valley rafters.
   2. At hips, provide hip rafter of size indicated or, if not indicated, of same thickness as regular rafters and 2 inches deeper. Bevel ends of jack rafters for full bearing against hip rafter.

C. Provide collar beams (ties) as indicated or, if not indicated, provide 1 by 6 inch nominal-size boards between every third pair of rafters, but not more than 48 inches on center Locate below ridge member, at third point of rafter span. Cut ends to fit roof slope and nail to rafters.

D. Provide special framing as indicated for eaves, overhangs, dormers, and similar conditions if any.

3.5 INSTALLATION OF PLYWOOD BACKING PANELS

A. Install plywood backing panels by fastening to studs.
   1. Coordinate locations with utilities requiring backing panels.

2. Install fire-retardant-treated plywood backing panels with classification marking of testing agency exposed to view.

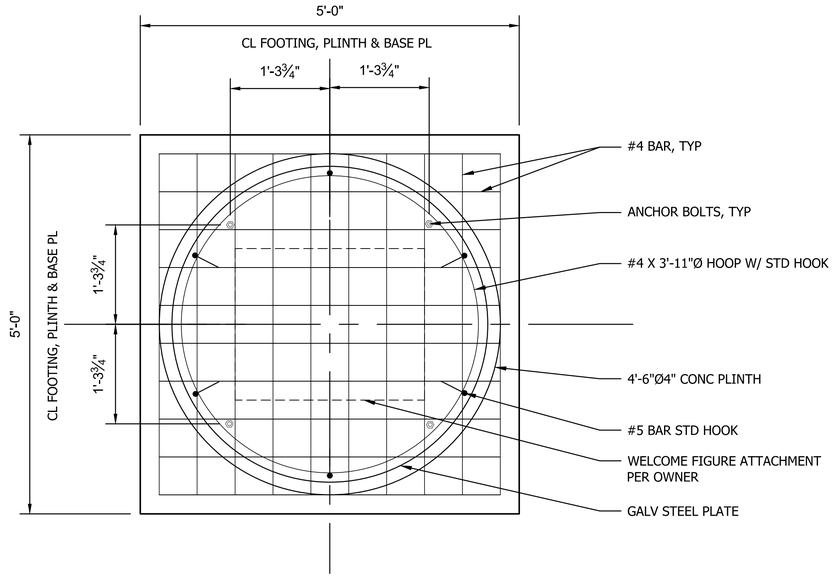
3.6 INSTALLATION OF SOFFIT FRAMING

A. Provide bottom and top plates using members of 2 inch nominal thickness whose widths equal that of framing and as indicated on Drawings. Fasten plates to supporting construction unless otherwise indicated.
1. Interior Soffits: 2 by 4 inch nominal size wood studs spaced 24 inches on center unless otherwise indicated.

3.7 PROTECTION

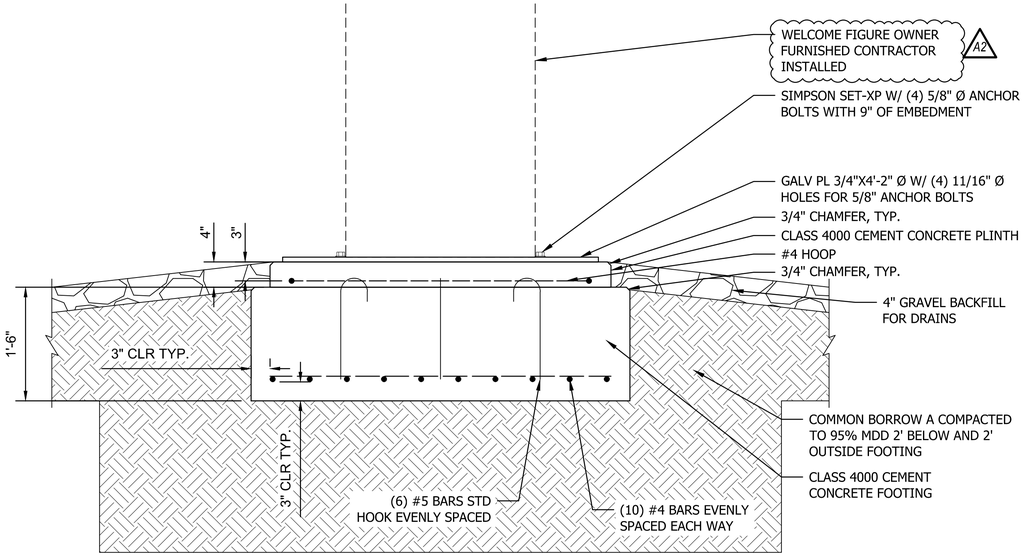
A. Protect rough carpentry from weather.
1. If, despite protection, wood that becomes wet enough that moisture content exceeds that specified, apply EPA-registered borate treatment.
2. Apply borate solution by spraying to comply with EPA-registered label.

END OF SECTION



1 C3.13 WELCOME FIGURE FOOTING PLAN

SCALE: 1" = 1'-0"



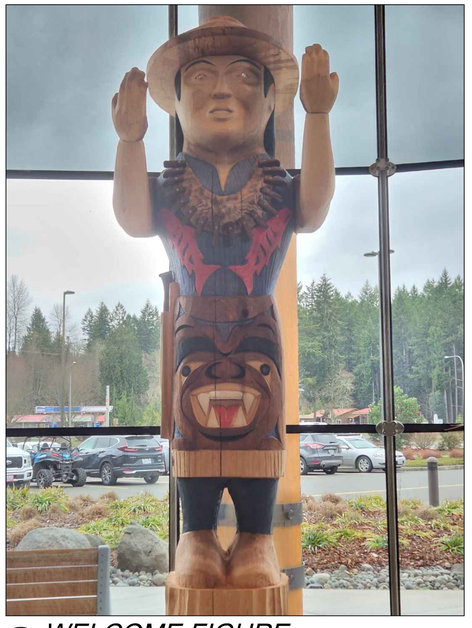
2 C3.13 SECTION

SCALE: 1" = 1'-0"

NOTES:

1. WELCOME FIGURE NOT SHOWN FOR CLARITY.
2. REINFORCEMENT NOT SHOWN FOR CLARITY.
3. WELCOME FIGURE MAX HEIGHT = 12 FEET

   WELCOME FIGURE MAX WEIGHT = 1450 POUNDS
4. OWNER WILL FURNISH FIGURE, CONTRACTOR WILL INSTALL FIGURE. A2



NOTE: IMAGE SHOWN FOR REFERENCE ONLY, IMAGE IS OF PHASE 2 FIGURE, FIGURE FOR PHASE 3B WILL BE DIFFERENT. A2

3 C3.13 WELCOME FIGURE

SCALE: NOT TO SCALE

BID SET REVIEW

CAD NO.

	DATE	APP.	INT.
	8/22/2025		

REVISIONS

ADDENDUM #2:
-ADJUST NOTES TO MATCH SPECIFICATIONS

NO. A2 ADDENDUM #2

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

STATE OF WASHINGTON · JONAH HAYES · No. 24012382 EXP. 09/16/2026 · LICENSED LANDSCAPE ARCHITECT

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

NISQUALLY STATE PARK

PHASE 3B WELCOME CENTER AND LOOP TRAIL

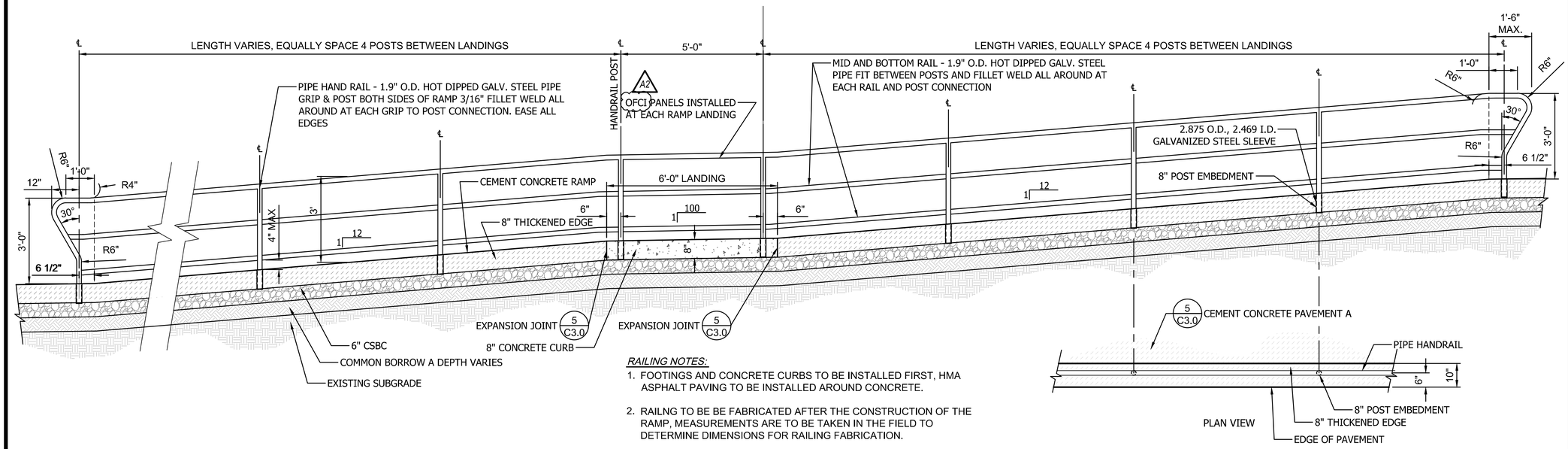
SITE DETAILS - WELCOME FIGURE FOOTING

C3.13

SCALE

AS SHOWN

PARKS FILE#

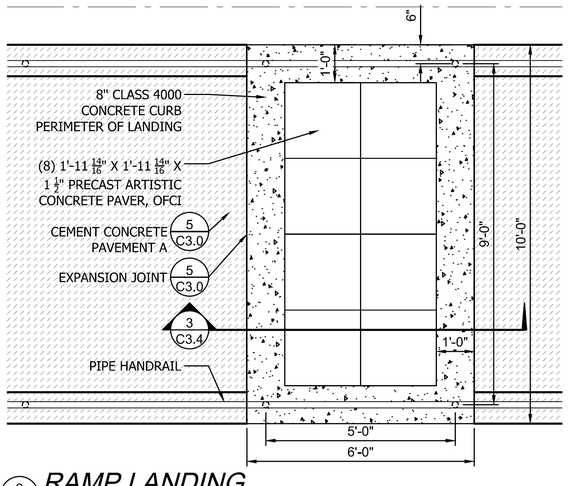


RAILING NOTES:

1. FOOTINGS AND CONCRETE CURBS TO BE INSTALLED FIRST, HMA ASPHALT PAVING TO BE INSTALLED AROUND CONCRETE.
2. RAILNG TO BE BE FABRICATED AFTER THE CONSTRUCTION OF THE RAMP, MEASUREMENTS ARE TO BE TAKEN IN THE FIELD TO DETERMINE DIMENSIONS FOR RAILING FABRICATION.

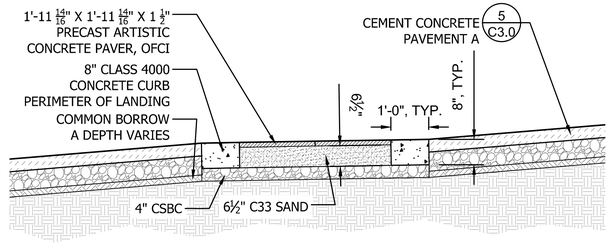
1 C3.4 RAMP RAILING

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



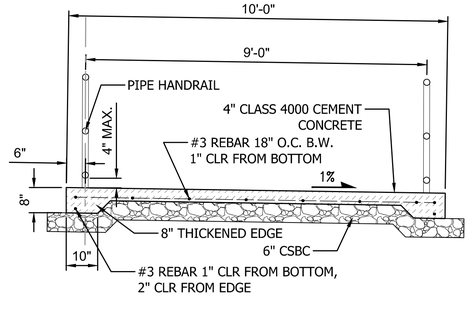
2 C3.4 RAMP LANDING

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



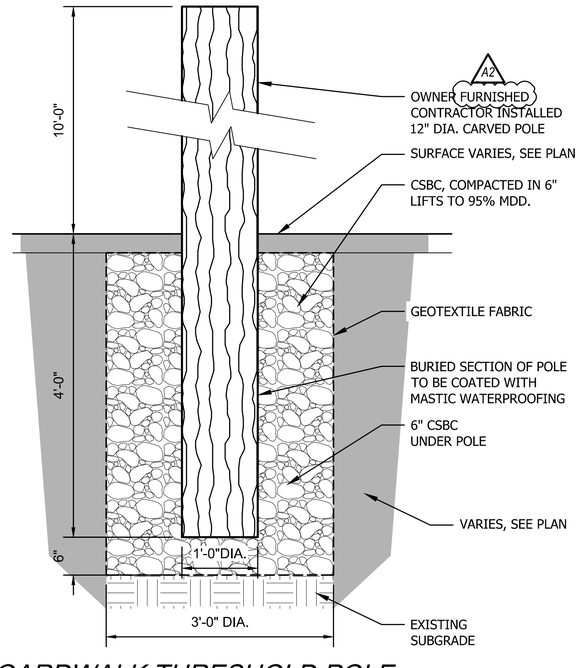
3 C3.4 RAMP LANDING SECTION TYP

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



4 C3.4 CEMENT CONCRETE RAMP

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



5 C3.4 BOARDWALK THRESHOLD POLE

SCALE: 1" = 1'-0"

BID SET REVIEW

CAD NO.

	DATE	APP.	INT.
	8/22/2025		

REVISIONS

ADDENDUM #2:
-ADJUST NOTES TO MATCH SPECIFICATIONS

NO.	
A2	ADDENDUM #2

ACTION	BY	DATE
DESIGNED		
DRAWN		
CHECKED (FIELD)		
CHECKED (HDQTS.)		

STATE OF WASHINGTON · JONAH HAYES · No. 25012862 EXP. 05/16/2026 · LICENSED LANDSCAPE ARCHITECT

REGISTERED STAMP

WASHINGTON STATE PARKS AND RECREATION COMMISSION

NISQUALLY STATE PARK

PHASE 3B WELCOME CENTER AND LOOP TRAIL

SITE DETAILS - APPROACH

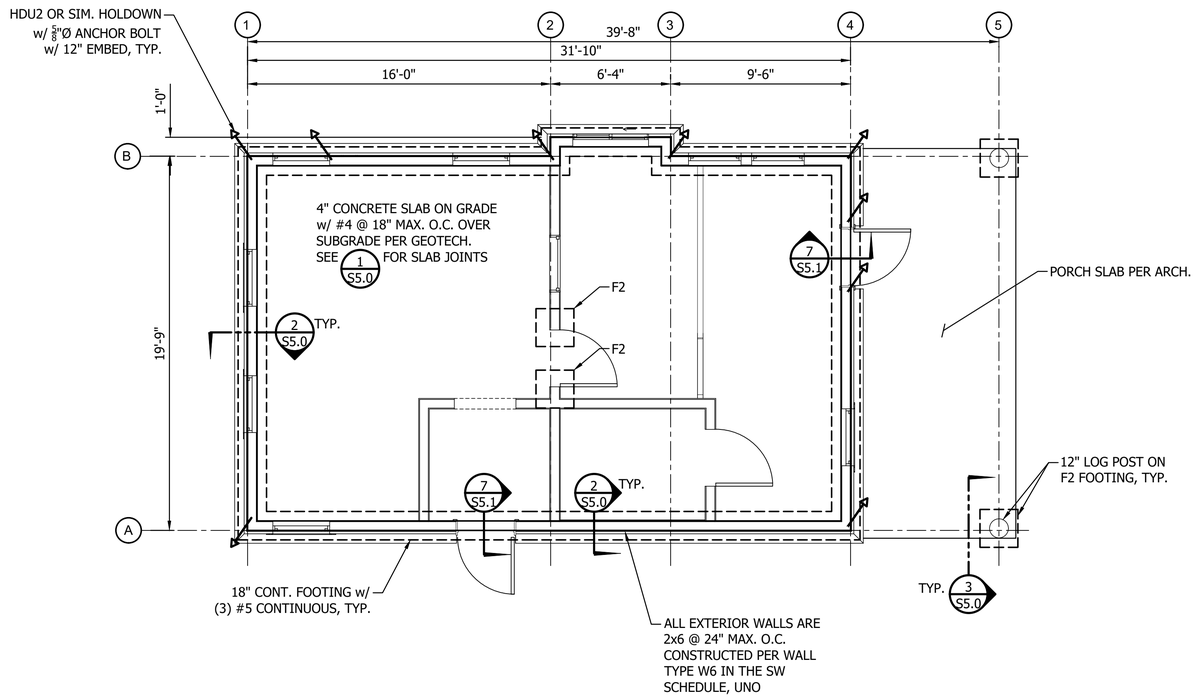
C3.4

SCALE

AS SHOWN

PARKS FILE#

FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F2	2'x2'x0'-10"	(3) #4 EA. WAY BOTTOM



A - FOUNDATION PLAN

1' 4'
0 2'

CAD NO.

NO.	REVISIONS	INT.	APP.	DATE

ACTION	BY	DATE
DESIGNED	ECM	01/17/2025
DRAWN	ECM	01/17/2025
CHECKED		
CHECKED (HDQTS.)		

ERIK CHRISTOPHER MARTIN
STATE OF WASHINGTON
40851
STRUCTURAL ENGINEER
PROFESSIONAL ENGINEER
01/13/2025

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SEI Pr. No. – A20158.03
PROJECT ENGINEER

WASHINGTON STATE PARKS AND RECREATION COMMISSION

BID SET REVIEW

NISQUALLY STATE PARK

PHASE 3B
WELCOME CENTER
AND LOOP TRAIL

WELCOME CENTER

FOUNDATION PLAN
S2.1

SCALE
AS SHOWN

PARKS FILE#

Plotted: Aug 22, 2025 – 14:50 ErikM B:\20Files\A20158.03 KMB – Nisqually State Park\Drawings\Ph 3 – Welcome Ctr\Welcome Bid.dwg Layout Name: S2.1