

Port of Port Townsend

ADDENDUM NO.2

Quilcene Herb Beck Marina Boat Ramp Replacement

Port of Port Townsend Project No.: QC-01-016

Washington State Recreation and Conservation Office (RCO)

Project No. 22-2095D

TO ALL BIDDERS:

The following modifications to the bidding documents for the above-named project as originally issued on August 3, 2026 are hereby incorporated into said documents and shall be fully considered in preparation of proposals.

Please thoroughly review the Addendum.

Amend Section 00 11 13, Advertisement for Bids, by replacing the second paragraph under the heading “The PORT OF PORT TOWNSEND (Port) is currently accepting sealed bids for construction of the following:

Contract No.: QC-01-016

Quilcene Herb Beck Marina Boat Ramp Replacement”

With the following:

Prepare and submit bids in accordance with Instructions to Bidders. Bid due time is **10:00 am on October 2, 2026**, or as modified by a future addendum issued during the bid period. Bids are to be submitted only on the Bid Form provided to registered plan holders on the Port’s plan holder list. Registration as a plan holder with the Port of Port Townsend is required to be a responsive bidder.

Amend Section 00 21 13 Instructions to Bidders, Paragraph 2.11, by replacing with the following:

2.11 BID VALIDITY

A. All Bids submitted shall be valid and binding on the bidder for a period of sixty (60) calendar days following the Bid submittal deadline and for any extension of time granted by the bidder.

Amend Section 00 72 00, General Conditions, by replacing item E and F in Section G-07.01 Contract Time with the following;

E. In accordance with the permit requirements, all in-water work shall be completed between July 15 - January 15 also referred to as the “in-water work window.”

- F. Work must be completed in 90 Calendar Days beginning the first working day following the Notice to Proceed date. Additionally, the Work must adhere to CPM calendar milestones specified as Contract Time including;

Herb Beck Boat Ramp Renovation	
Early Start – Begin On-Site Work upland of OHWM	As agreed too at preconstruction meeting
Early Start of In-Water Work below OHWM without Sand Lance Beach Survey	7/15/2027
Start In-Water Work below OHWM with Sand Lance Beach Survey	N/A
Late Finish of In-Water Work below OHWM	1/15/2028
Late Finish - Substantial Completion	2/15/2028
Late Finish - Physical Completion	3/1/2028

Amend Section 00 72 00 General Conditions, paragraph G-02.02 G with the following:

- G. Contract Drawings: The following drawings are a part of the Contract Documents.

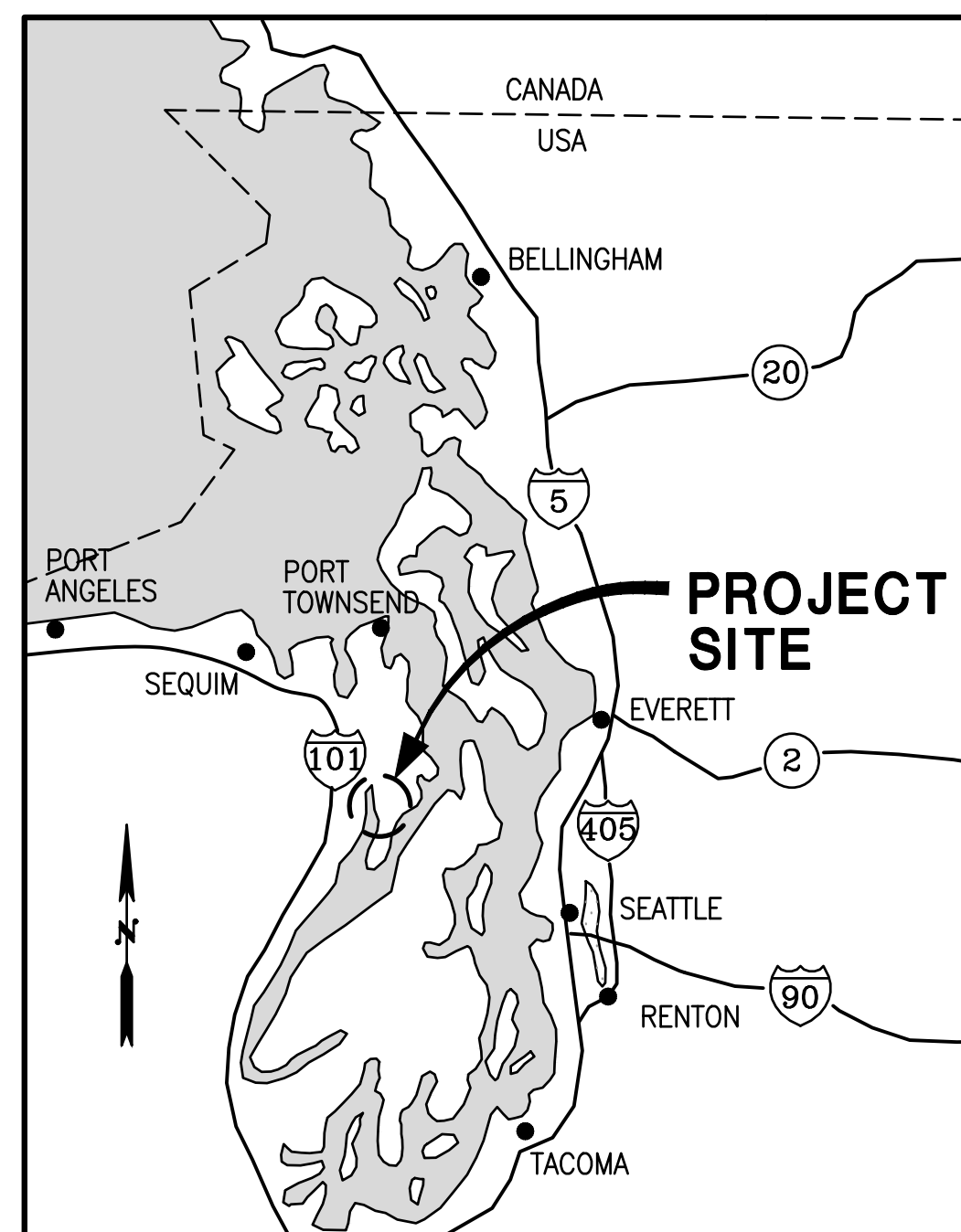
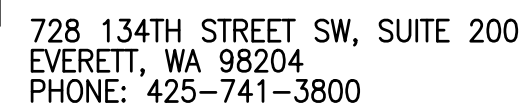
DRAWING LIST	
DWG NO.	DESCRIPTION
G 1.0	LOCATION MAP, VICINITY MAP, AND SHEET INDEX
G 1.1	ABBREVIATIONS AND SYMBOLS
G 1.2	GENERAL NOTES
G 1.3	SPECIAL INSPECTION SCHEDULE
G 1.4	EXISTING SITE PLAN
G 1.5	EXISTING SITE SECTIONS
G 1.6	TESC & DEMO PLAN & DETAILS
C 1.0	FLOAT PLAN AND SECTION
C 2.0	GRADING AND CONCRETE PANEL PLAN
C 2.1	GRADING SECTIONS
S 1.1	CONCRETE RAMP AND APPROACH WEDGE
S 1.2	CONCRETE RAMP AND APPROACH WEDGE DETAILS

S 2.1	PRECAST CONCRETE PANEL DETAILS
S 2.2	PRECAST CONCRETE PANEL DETAILS
S 2.3	PRECAST CONCRETE PANEL DETAILS
S 2.4	CAST-IN-PLACE FLOAT LANDING PLAN AND DETAILS
S 3.1	TYPICAL STEEL FRAME FLOAT PLAN AND SECTION
S 3.2	TYPICAL STEEL FRAME FLOAT SECTION AND ELEVATION
S 3.3	APPROACH WEDGE AND FLOAT HINGE SECTIONS AND DETAILS

Replace Original Bid Set Drawings dated July 2, 2026 with the attached set (nineteen sheets) dated August 28, 2026;

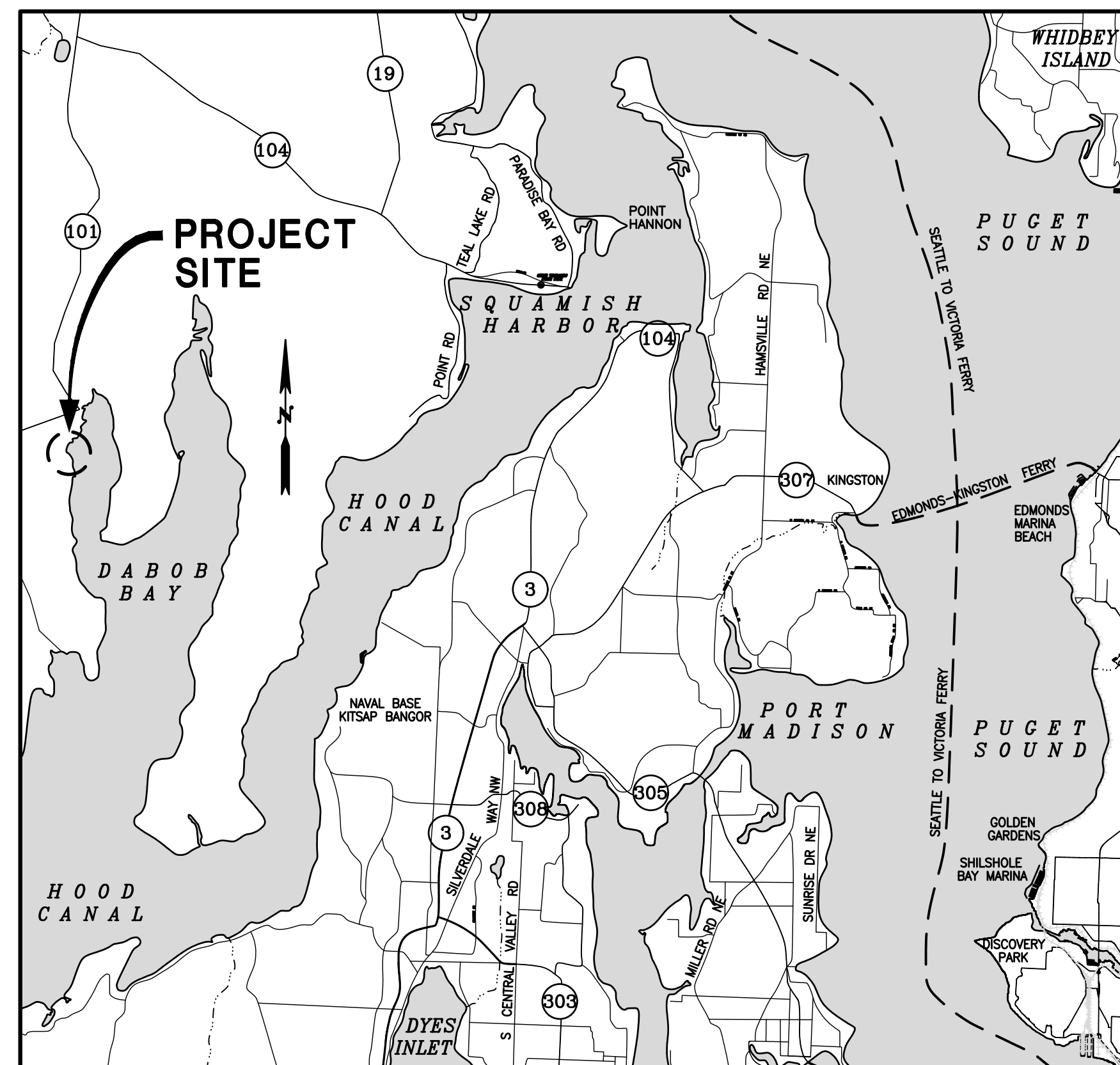

 Digitally signed by David K. Nakagawara
 DN: C=US,
 E=dnakagawara@portofpt.com, O=Port of
 Port Townsend, OU=Engineering,
 CN=David K. Nakagawara
 Reason: I am the author of this document
 Date: 2026.09.02 15:07:06-07'00'

Addendum issued by: _____



LOCATION MAP

NO SCALE



VICINITY MAP
NO SCALE

DWG NO.	SHT. NO.	SHEET TITLE
GENERAL		
G1.0	1	LOCATION MAP, VICINITY MAP, AND SHEET INDEX
G1.1	2	ABBREVIATIONS AND SYMBOLS
G1.2	3	GENERAL NOTES
G1.3	4	SPECIAL INSPECTION SCHEDULE
G1.4	5	EXISTING SITE PLAN
G1.5	6	EXISTING SITE SECTIONS
G1.6	7	TESC & DEMO PLAN AND DETAILS
CIVIL		
C1.0	8	FLOAT PLAN AND SECTION
C2.0	9	GRADING AND CONCRETE PANEL PLAN
C2.1	10	GRADING SECTIONS
STRUCTURAL		
S1.1	11	CONCRETE RAMP AND APPROACH WEDGE
S1.2	12	CONCRETE RAMP AND APPROACH WEDGE DETAILS
S2.1	13	PRECAST CONCRETE PANEL DETAILS
S2.2	14	PRECAST CONCRETE PANEL DETAILS
S2.3	15	PRECAST CONCRETE PANEL DETAILS
S2.4	16	CAST-IN-PLACE FLOAT LANDING PLAN AND DETAILS
S3.1	17	TYPICAL STEEL FRAME FLOAT PLAN AND SECTION
S3.2	18	TYPICAL STEEL FRAME FLOAT SECTION AND ELEVATION
S3.3	19	APPROACH WEDGE AND FLOAT HINGE SECTIONS AND DETAILS

PROJECT CONSULTANTS

CIVIL/STRUCTURAL ENGINEER

REID MIDDLETON, INC
728 134TH ST SW, SUITE 200
EVERETT WA 98204
CONTACT: WILLY AHN
PHONE: 425-741-3800

GEOTECHNICAL ENGINEER

GEOSYNTEC CONSULTANTS
103 E HOLLY STREET, SUITE 418
BELLINGHAM, WA 98225
CONTACT: ERIK ANDERSEN
PHONE: 360-746-8964

Aug 27, 2026 - 3:11pm

R E V I S I O N S					DESIGNED BY: J. STRUB
NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN
					CHECKED BY: W. AHN
					DATE: 08/28/2026
					PROJECT NO: 24-23-014



SCALE:
HORIZ NO SCALE
VERT _____
NOTE:  "L"
IF "L" DOES NOT
MEASURE 1" ADJUST
SCALES ACCORDINGLY



728 134th Street SW · Suite 200
Everett, Washington 98204
Ph: 425 741-3800

PORT OF PORT TOWNSEND
HERB BECK MARINA BOAT LAUNCH REPLACEMENT

SHEET TITLE:
LOCATION MAP, VICINITY MAP, AND SHEET INDEX

SHEET NO.

G1.0

Aug 27, 2026 - 3:11pm dopugs1962 H:\24Wf\2023\014 PPT Herb Beck Marina Boat Launch Replacement\Drafting\Design - CAD 2019\4314-G10.dwg Layout Name: G10

Sep. 02, 2026 -- 12:18pm H:\24W\2023\014 PPT Herb Beck Marina Boat Launch Replacement\Drafting\Design -- CAD 2019\314-G12.dwg Layout Name: G12 dougs1962

GENERAL NOTES C & S SERIES SHEETS

GENERAL

BOARDING FLOATS IS A PERFORMANCE SPECIFICIATION, CONTRACTOR IS RESPOSIBLE FOR DESIGN OF ALL COMPONENTS OF THE FLOAT SYSTEM.

ALL TYPICAL DETAILS AND NOTES SHOWN ON THESE DRAWINGS ARE PART OF CONSTRUCTION CONTRACT AND SHALL BE PROVIDED BY THE CONTRACTOR. TYPICAL DETAILS MAY NOT NECESSARILY BE INDICATED ON THE PLANS, BUT SHALL APPLY AS SHOWN OR DESCRIBED IN DETAILS.

THE NOTES SHALL BE USED ALONG WITH PROJECT SPECIFICATIONS AND DRAWINGS. REQUEST CLARIFICATION IMMEDIATELY UPON DISCOVER AND BEFORE PROCEEDING, WHERE A DIFFERENCE BETWEEN DRAWINGS, NOTES, OR SPECIFICATIONS OCCUR.

EXISTING CONDITIONS: CONTRACTOR SHALL VERIFY ALL ELEVATIONS, EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. EXISTING CONDITIONS SHOWN ON DRAWINGS ARE BASED EITHER ON SITE OBSERVATIONS, ORIGINAL DRAWINGS, OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF EXISTING CONDITIONS DO NOT CLOSELY MATCH CONDITIONS SHOWN ON DRAWINGS, OR IF EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO COMMENCING ANY WORK.

CONTRACTOR RESPONSIBILITIES: DRAWINGS REPRESENT DESIGN IN COMPLETED FORM. CONTRACTOR SHALL BE RESPONSIBLE FOR METHODS, SEQUENCES, AND SAFETY PRECAUTIONS REQUIRED TO PERFORM WORK. CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES NOT MARKED FOR DEMOLITION. CONTRACTOR SHALL CLEAN UP ALL AREAS AFFECTED BY CONSTRUCTION. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING OF ALL STRUCTURAL MEMBERS, EXISTING CONSTRUCTION AND SOIL EXCAVATION AS REQUIRED. SHORING AND BRACING SHALL NOT BE REMOVED UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH DRAWINGS AND MATERIALS HAVE ACHIEVED DESIGN STRENGTH.

CONTRACTOR SHALL REVIEW AND STAMP SUBMITTALS PRIOR TO SUBMISSION. IF SHOP DRAWINGS DIFFER FROM DESIGN SHOWN ON STRUCTURAL DRAWINGS THEY SHALL BE SEALED BY WASHINGTON STATE REGISTERED PROFESSIONAL ENGINEER RESPONSIBLE FOR THE DESIGN. DIMENSIONS AND QUANTITIES ARE CONTRACTOR'S RESPONSIBILITY AND WILL NOT BE REVIEWED. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS PLACED PRIOR TO RECEIPT OF SUBMITTAL.

DISCREPANCIES: IN CASE OF DISCREPANCIES, CONTRACTOR SHALL NOTIFY THE ENGINEER OF DISCREPANCIES AND OBTAIN DIRECTION PRIOR TO PROCEEDING. NOTES ON INDIVIDUAL STRUCTURAL DRAWINGS SHALL TAKE PRIORITY OVER GENERAL NOTES. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS.

SPECIFICATIONS: REFER TO SPECIFICATIONS FOR INFORMATION IN ADDITION TO THESE NOTES AND DRAWINGS.

SPECIAL INSPECTION: PER IBC SECTION 1704, SPECIAL INSPECTIONS AND TESTS, CONTRACTOR RESPONSIBILITY AND STRUCTURAL OBSERVATION, AND SECTION 1705, REQUIRED SPECIAL INSPECTIONS AND TESTS. SPECIAL INSPECTION MUST BE PERFORMED BY A TESTING AGENCY ACCEPTABLE TO BUILDING OFFICIAL AND AS OUTLINED IN THE SPECIAL INSPECTION SCHEDULE.

STRUCTURAL OBSERVATION: SHALL BE PERFORMED PER IBC 1704 -- SPECIAL INSPECTIONS AND TESTS, CONTRACTOR RESPONSIBILITY AND STRUCTURAL OBSERVATION.

SUBMITTALS: MUST BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION OR CONSTRUCTION IN ACCORDANCE WITH SPECIFICATIONS.

CODES

ADA 2010	AMERICAN DISABILITIES ACT: ADA STANDARDS FOR ACCESSIBILITY DESIGN
ASCE/SEI 7-22	ASCE/ SEI: MINIMUM DESIGN LOADS & ASSOCIATED CRITERIA FOR BUILDINGS & OTHER STRUCTURES
ACI 318-19	AMERICAN CONCRETE INSTITUTE: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
AWS D1.1	AMERICAN WELDING SOCIETY: STRUCTURAL WELDING CODE --STEEL (2020)
IBC 2021	INTERNATIONAL BUILDING CODE: 2021 IBC CODE AND COMMENTARY

REFERENCES

AISC 360-22	AMERICAN INSTITUTE OF STEEL CONSTRUCTION, STEEL CONSTRUCTION MANUAL 16TH EDITION
ASCE MOP 50	ASCE MANUAL AND REPORTS ON ENGINEERING PRACTICE NO. 50, 3RD EDITION: PLANNING AND DESIGN GUIDELINES FOR SMALL CRAFT HARBORS
UFC 4-152-01	UNIFIED FACILITIES CRITERIA: PIERS AND WHARVES
UFC 4-152-07	UNIFIED FACILITIES CRITERIA: DESIGN OF SMALL CRAFT BERTHING FACILITIES
UFC 4-159-03	UNIFIED FACILITIES CRITERIA: MOORINGS
WSDOT M41-10	WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (2026)
JEFFERSON COUNTY BUILDING CODE	
MARINAS AND SMALL CRAFT HARBORS, 2ND EDITION, B.O. TOBIASSON & R.C. KOLLMMEYER (2000)	

IN-WATER WORK RESTRICTIONS

- REFER TO SPEC SECTION 00 72 00, CONTRACT TIME, FOR APPROVED IN-WATER WORK WINDOW DATES.
- BACKFILL EXCAVATIONS WATERWARD OF THE OHWM PRIOR TO TIDAL INUNDATION.
- STOCKPILE MATERIALS LANDWARD OF THE OHWM.
- SOUND ATTENUATION MUST BE PROVIDED FOR PILE DRIVING IN-WATER USING AN IMPACT HAMMER.
- EQUIPMENT OPERATED IN OR NEAR WATER MUST USE LUBRICANTS COMPOSED OF BIODEGRADABLE BASE OILS SUCH AS VEGETABLE OILS, SYNTHETIC ESTERS, AND POLYALKYLENE GLYCOLS.

TOPOGRAPHIC AND BATHYMETRIC SURVEY

SURVEY PROVIDED BY AKS ENGINEERING DATED NOVEMBER 8 AND 9, 2023

GEOTECHNICAL

GEOSYNTEC CONSULTANTS "GEOTECHNICAL ENGINEERING REPORT HERB BECK MARINA BOAT LAUNCH REPLACEMENT" DATED JULY 1, 2026.

DESIGN CRITERIA -- BOARDING FLOAT

BASIC:

- FREEBOARD: MINIMUM 16 INCH AND MAXIMUM 24 INCH (UNDER DEAD LOAD ONLY) AND MINIMUM 10 INCH (UNDER FULL LIVE LOAD PLUS DEAD LOAD)
- STABILITY: THE MAXIMUM OUT-OF-LEVEL TOLERANCES FOR TRANSVERSE AND LONGITUDINAL SLOPE ARE 1 INCH IN 20 FEET AND ARE NOT TO EXCEED 2 INCHES OVER THE LENGTH OF THE FLOATING DOCK.
- DESIGN VESSEL

NAME	LENGTH (FT)	BEAM (FT)	DRAFT (FT)
DESIGN VESSEL	26	8.5	3

DESIGN LOADS:

LIVE LOADS

VERTICAL: 30 PSF (UNIFORMLY DISTRIBUTED) OR 300 LBS (CONCENTRATED POINT)

ENVIRONMENTAL LOADS:

WIND SPEED (VESSEL MOORING): 50 KNOTS
SNOW LOAD: 39 PSF

WIND-DRIVEN WAVE:

Hs: 2.0 FT SIGNIFICANT WAVE HEIGHT WITH 3 SEC WAVE PERIOD
CURRENT SPEED: 0.2 KNOTS

BERTHING LOAD:

VESSEL APPROACH SPEED: 3.0 FT/SEC
VESSEL APPROACH ANGLE: 30 DEGREES

LOAD COMBINATIONS -- LRFD (LOAD RESISTANCE FACTOR DESIGN):

1.4D (DEAD)
1.2D + 1.6L (LIVE)
1.2D + 1.6BE (BERTHIHG) + 1.2C (CURRENT)
1.2D + 1.6L + 1.2C + 0.5ICE (SNOW)
1.2D + 1.2C + 1.0W/Wa (WIND/WAVE)
1.2D + 1.6L + 1.0ICE
1.2D + 1.6L + 1.2C +1.0Wa +1.0ICE

LOAD COMBINATIONS -- ASD (ALLOWABLE STRESS DESIGN):

1.0D (DEAD)
1.0D + 1.0L (LIVE)
1.0D + 1.0BE (BERTHING) + 1.0C (CURRENT)
1.0D + 1.0L + 1.0C + 0.2Ice (SNOW)
1.0D + 1.0C + 0.6W/Wa (WIND/WAVE)
1.0D + 1.0L + 1.0C + 0.7ICE
1.0D + 0.75L + 1.0C +0.6Wa +0.7ICE

AGGREGATE BASES AND PAVING

- CRUSHED SURFACING TOP COURSE MUST MEET WSDOT M41-10 SECTION 9-03.9(3), CRUSHED SURFACING.
- RIPRAP MUST MEET WSDOT M41-10 SECTION 9-13.1(3), LIGHT LOOSE RIPRAP.
- QUARRY SPALLS MUST MEET WSDOT M41-10 SECTION 9-13.1(5), QUARRY SPALLS.

CONCRETE

- CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318-19), EXCEPT AS MODIFIED BY PROJECT SPECIFICATIONS. CONCRETE STRENGTHS SHALL BE VERIFIED BY STANDARD 28-DAY CYLINDER TESTS, UNLESS OTHERWISE APPROVED. CONCRETE MIXES SHALL HAVE A 28-DAY STRENGTH MINIMUM 5,000 PSI. MAXIMUM WATER/CEMENT RATIO SHALL BE 0.4.
- SUBMIT CONCRETE MIX DESIGNS FOR APPROVAL PRIOR TO PLACING ANY CONCRETE. SUBMITTAL SHALL INDICATE MAXIMUM AGGREGATE SIZE AND SHALL CONFORM TO SPECIFICATION SECTION, 03 31 30 MARINE CONCRETE.
- ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED 3/4 INCHES.
- REINFORCING STEEL: DEFORMED BARS ROLLED FROM NEW BILLET STOCK, ASTM A615, GRADE 60
- MINIMUM CLEAR CLOVER SHALL BE IN CONFORMANCE WITH ACI 318.

STRUCTURAL STEEL

UNLESS NOTED OTHERWISE, ALL STRUCTURAL STEEL ELEMENTS MUST BE HOT DIP GALVANIZED.

1. STEEL MATERIALS

SQUARE HOLLOW STRUCTURAL SECTION	ASTM A500, GRADE B
STEEL ANGLE	ASTM A36
MISCELLANEOUS STEEL	ASTM A36
STRUCTURAL BOLTS	ASTM F3125, A307 GRADE A, F593 GROUP 2
NUTS AND WASHERS	ASTM F594, ASTM A563, GRADE A, HEAVY HEX
STEEL PIPE PILES	ASTM A525, GRADE 3

2. ADHESIVE ANCHORS AND THRU-RODS

ANCHOR BOLTS	ASTM F593, GROUP 2
STEEL THRU-RODS	ASTM A193, GRADE B8M, CLASS 2
HEX NUTS	ASTM F594, GROUP 2

METAL FABRICATION

- SUBMIT ANY SHOP DRAWINGS IN ACCORDANCE WITH SPECIFICATION.
- ALL WELDERS SHALL BE QUALIFIED IN ACCORDANCE WITH "STRUCTURAL WELDING CODE--STEEL (AWS D1.1). USE PROCEDURES, MATERIALS AND EQUIPMENT OF TYPE REQUIRED FOR THIS WORK.
- PERFORM WELDING, WELDING INSPECTION, AND CORRECTIVE WELDING IN ACCORDANCE WITH "STRUCTURAL WELDING CODE--STEEL (AWS D1.1). USE CONTINUOUS WELDS ON ALL EXPOSED CONNECTIONS. GRIND VISIBLE WELDS AND CUT SURFACES SMOOTH IN FINISHED INSTALLATION. PROVIDE IN ACCORDANCE WITH SAFETY REQUIREMENTS OF "SAFETY AND HEALTH REQUIREMENTS MANUAL" (EM385-1-1).
- WELDERS AND FABRICATION FACILITIES MUST BE WASHINGTON ASSOCIATION OF BUILDING OFFICIALS (WABO) CERTIFIED.
- BOLTS, GRATING FASTENERS, WASHERS, HARDWARE, AND PARTS OR DEVICES NECESSARY FOR PROPER INSTALLATION MUST BE HOT DIP GALVANIZED, UNLESS INDICATED OTHERWISE. PROVIDE ISOLATION BETWEEN DISSIMILAR MATERIALS.

OTHER MATERIALS

PLASTIC LUMBER INTENDED FOR USE IN EXTERIOIR APPLICATIONS MUST HAVE NO FADING OR DISCOLORATION AND NO CHANGE IN DIMENSIONAL STABILITY AS TESTED IN ACCORDANCE WITH ASTM D1435 FOR A PERIOD OF 5 YEARS.

COMPRESSIVE STRENGTH:

COMPRESSION PARALLEL TO GRAIN: 2,800 PSI MIN
COMPRESSION PERPENDICULAR TO GRAIN: 1,400 PSI MIN

FLEXURAL STRENGTH: 2,100 PSI

IMPACT RESISTANCE: 4.5 FT-LB/IN MIN

WATER ABSORPTION: < 0.1% IN 24 HOURS

PLASTIC TIMBER SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

- MANUFACTURED WITH RECYCLED HDPE AND FIBERGLASS ELEMENTS
- RESITANT TO UV AND SALT WATER
- RESISTANT TO IMPACT AND ABRASION
- RESISTANT TO MARINE BORERS

ALL HARDWARE SHALL BE RECESSED FROM EXPOSED SURFACE OF PLASTIC LUMBER BY MINIMUM OF 1/2 INCH.

EPOXY ADHESIVE (FOR ADHESIVE ANCHORS)

- HIGH STRENGTH INJECTABLE TWO COMPONENT EPOXY BASED ADHESIVE (ASTM C881, TYPE 1 AND IV, GRADE 3, CLASS C) COMPLY WITH SECTION 1901.3 OF 2021 IBC.

GEOTEXTILE FABRIC

- ALL GEOSYNTHETIC MATERIALS SHALL MEET WSDOT 9-33 SPECIFICATION.
- GEOTEXTILE AS LINER BETWEEN EXCAVATED SOIL BED AND QUARRY SPALLS BASE FOR PROPOSED RAMP SHALL BE HIGH STRENGTH WOVEN GEOTEXTILE SPECIFICALLY "FOR SOIL SEPARATION AND REINFORCEMENT". GEOTEXTILE FOR SEPARATION PER WSDOT 9-33.2(1).

R E V I S I O N S					DESIGNED BY: J. STRUB
NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN
					CHECKED BY: W. AHN
					DATE: 08/28/2026
					PROJECT NO: 24-23-014



SCALE:
HORIZ NO SCALE
VERT _____

NOTE: 1" = 1' _____
IF "1" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY



728 134th Street SW · Suite 200
Everett, Washington 98204
Ph: 425 741-3800

PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT		SHEET NO. G1.2
SHEET TITLE: GENERAL NOTES		

Aug. 27, 2026 - 3:11pm C:\pugs1962 H:\24WA\2023\014 PPT Herb Beck Marina Boat Launch Replacement\Drafting\Design - CAD 2019\4314-G13.dwg Layout Name: G13

SPECIAL INSPECTION SCHEDULE

STRUCTURAL STEEL SPECIAL INSPECTION

SPECIAL INSPECTION FOR STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH AISC 341, AISC 360, AND FOLLOWING INFORMATION.

- TASK – INDICATES WHETHER TO OBSERVE OR PERFORM (OR BOTH) INSPECTION TASK.
DOC – INSPECTOR SHALL PREPARE REPORTS INDICATING THAT WORK HAS BEEN PERFORMED IN ACCORDANCE WITH CONTRACT DOCUMENTS.
O – OBSERVE THESE FUNCTIONS ON A RANDOM, DAILY BASIS, OPERATIONS NEED NOT BE DELAYED PENDING INSPECTIONS. FREQUENCY OF OBSERVATIONS SHALL BE ADEQUATE TO CONFIRM THAT WORK HAS BEEN PERFORMED IN ACCORDANCE WITH APPLICABLE DOCUMENTS.
P – PERFORM, FOR EACH JOINT OR MEMBER PRIOR TO FINAL ACCEPTANCE OF ITEM.
QC – TASKS INDICATED AS "QC" SHALL BE EXECUTED BY FABRICATOR AND ERECTOR IN ACCORDANCE WITH AISC 360 CHAPTER N
QA – TASKS INDICATED AS "QA" SHALL BE EXECUTED BY SPECIAL INSPECTOR IN ACCORDANCE WITH AISC 360 CHAPTER N.

STEEL DETAILS

INSPECTION TASKS	QC	QA	REFERENCED STANDARD
INSPECT THE FABRICATED STEEL AND ERECTED STEEL FRAME TO VERIFY COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS, SUCH AS BRACES, STIFFENERS, MEMBER LOCATIONS AND PROPER APPLICATION OF JOINT DETAILS AT EACH CONNECTION	O	O	AISC 360 CH. N

WELDING

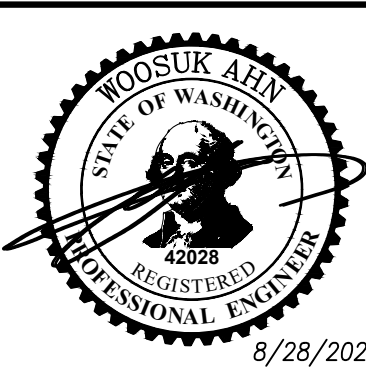
INSPECTION TASKS PRIOR TO WELDING			REFERENCED STANDARD	IBC REFERENCE
INSPECTION TASKS PRIOR TO WELDING	QC	QA	AISC 360 CH. N & AWS D1.1	1705.2.1
WELDING PROCEDURE SPECIFICATIONS (WPSS) AVAILABLE	P	P		
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	P	P		
MATERIAL IDENTIFICATION (TYPE/GRADE)	O	O		
WELDER IDENTIFICATION SYSTEM ¹	O	O		
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)	O	O		
CONFIGURATION AND FINISH OF ACCESS HOLES	O	O		
FIT-UP OF FILLET WELDS, DIMENSIONS (ALIGNMENT, GAPS AT ROOT), CLEANLINESS (CONDITION OF STEEL SURFACES), TACKING (TACK WELD QUALITY AND LOCATION)	O	O		
CHECK WELDING EQUIPMENT	O	–		
INSPECTION TASKS DURING WELDING			REFERENCED STANDARD	IBC REFERENCE
INSPECTION TASKS DURING WELDING	QC	QA	AISC 360 CH. N & AWS D1.1	1705.2.1
USE OF QUALIFIED WELDERS	O	O		
CONTROL AND HANDLING OF WELDING CONSUMABLES, PACKAGING, EXPOSURE CONTROL	O	O		
NO WELDING OVER CRACKED TACK WELDS	O	O		
ENVIRONMENTAL CONDITIONS, WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE	O	O		
WPS 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)	O	O		
WELDING TECHNIQUES, INTERPASS AND FINAL CLEANING, EACH PASS WITHIN PROFILE LIMITATIONS, EACH PASS MEETS QUALITY REQUIREMENTS	O	O		
INSPECTION TASKS AFTER WELDING			REFERENCED STANDARD	IBC REFERENCE
INSPECTION TASKS AFTER WELDING	QC	QA	AISC 360 CH. N & AWS D1.1	1705.2.1
WELDS CLEANED	O	O		
SIZE, LENGTH AND LOCATION OF WELDS	P	P		
WELDS MEET VISUAL ACCEPTANCE CRITERIA, CRACK PROHIBITION, WELD / BASE-METAL FUSION, CRATER CROSS SECTION, WELD PROFILES, WELD SIZE, UNDERCUT, POROSITY	P	P		
ARC STRIKES	P	P		
K-AREA ²	P	P		
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	P	P		
REPAIR ACTIVITIES	P	P		
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	P		

1. FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN SYSTEM BY WHICH WELDER WHO HAS WELDED JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE LOW-STRESS TYPE.
2. WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN k-AREA, VISUALLY INSPECT WEB k-AREA FOR CRACKS WITHIN 3 INCHES OF WELD.

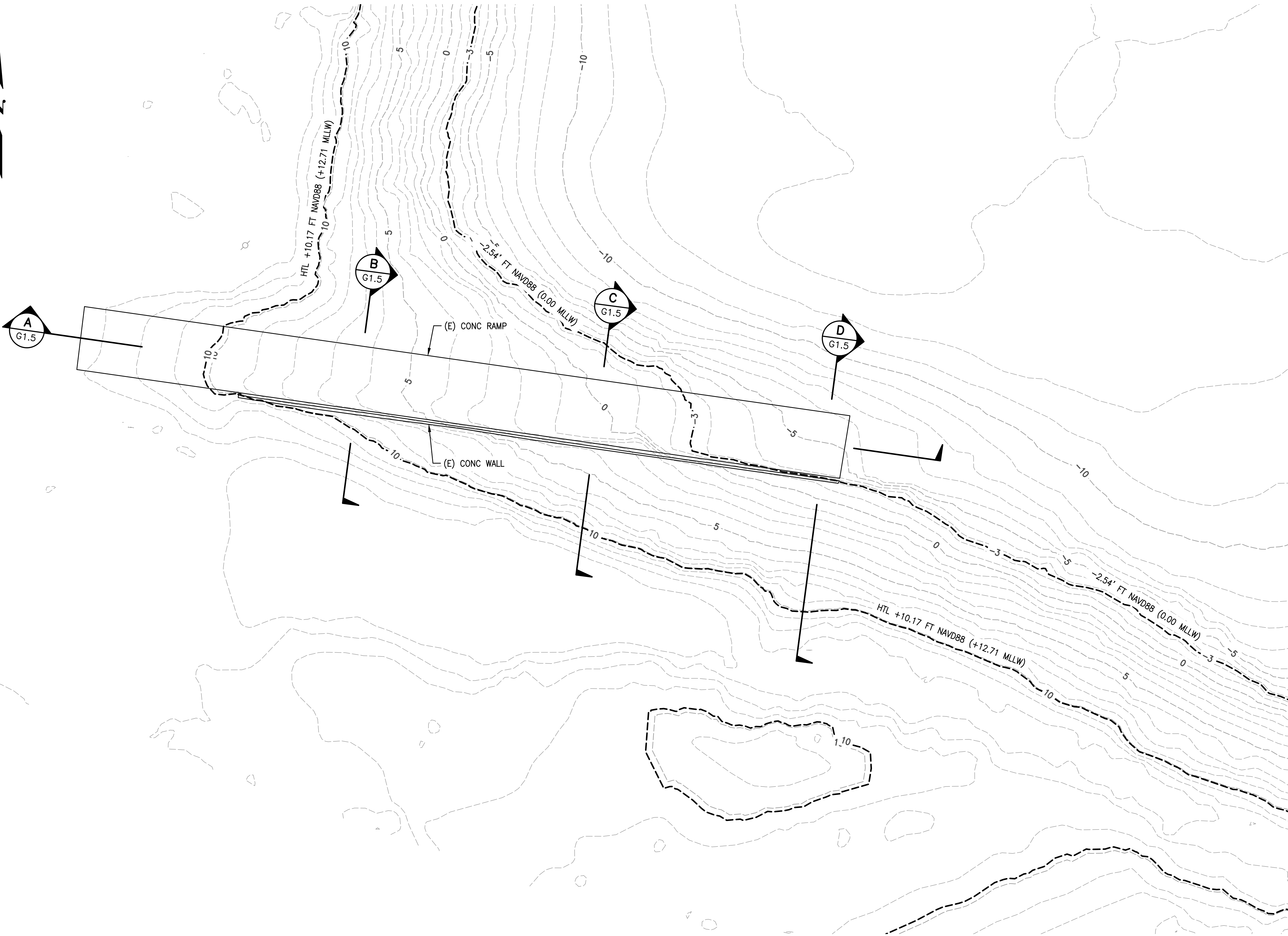
REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD ^(a)	IBC REFERENCE
1. INSPECT REINFORCEMENT AND VERIFY PLACEMENT	–	X	ACI 318: CH. 20, 25.2, 25.3, 26.6.1–26.6.3	–
2. INSPECT ANCHORS CAST IN CONCRETE	–	X	ACI 318: 17.8.2	–
3. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS				
a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS	X	–	ACI 318: 17.8.2.4	–
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4a	–	X	ACI 318: 17.8.2	–
4. VERIFY USE OF REQUIRED DESIGN MIX	–	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2
5. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	–	ASTM C 172 ASTM C 31 ACI 318: 26.5, 26.12	–
6. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	–	X	ACI 318: 26.5.3–26.5.5	–
7. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	–	X	ACI 318: 26.11.1.2 (A)	–

1. (A) SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK

R E V I S I O N S					DESIGNED BY: J. STRUB		SCALE: HORIZ <u>NO SCALE</u> VERT _____		728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741-3800	PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT		SHEET NO. G1.3
NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN		NOTE: <u>1" = "L"</u> IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY			SHEET TITLE: SPECIAL INSPECTION SCHEDULE		
					CHECKED BY: W. AHN							
					DATE: 08/28/2026							
					PROJECT NO: 24-23-014							

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PLAN-EXISTING SITE
SCALE: 1"=10'



TIDAL DATUMS

THE FOLLOWING ELEVATIONS ARE REFERENCED FROM MEAN LOWER LOW WATER (MLLW) ELEVATION = 0.00'.

THE FOLLOWING TIDAL ELEVATIONS WERE OBTAINED FROM THE NEAREST NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION STATION. ELEVATIONS ARE FROM NOAA STATION NO. 9445272, QUILCENE, DABOB BAY, HOOD CANAL WA.

HIGH TIDE LINE (HTL)	+10.17 FT NAVD88 (+12.71 MLLW)
MEAN HIGHER HIGH WATER (MHHW)	+8.84 FT NAVD88 (+11.38 MLLW)
MEAN LOWER LOW WATER (MLLW)	-2.54' FT NAVD88 (0.00 MLLW)

EXISTING SITE SURVEY

TOPOGRAPHIC AND BATHYMETRIC SURVEY PERFORMED BY AKS ENGINEERING AND FORESTRY ON 11/30/2023. TIDAL DATUM ELEVATIONS ARE REFERENCED FROM NAVD88 WITH UNITS IN FEET. MLLW = NAVD88 + 2.54'

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CHECKED BY: W. AHN
DATE: 08/28/2026
PROJECT NO: 24-23-014



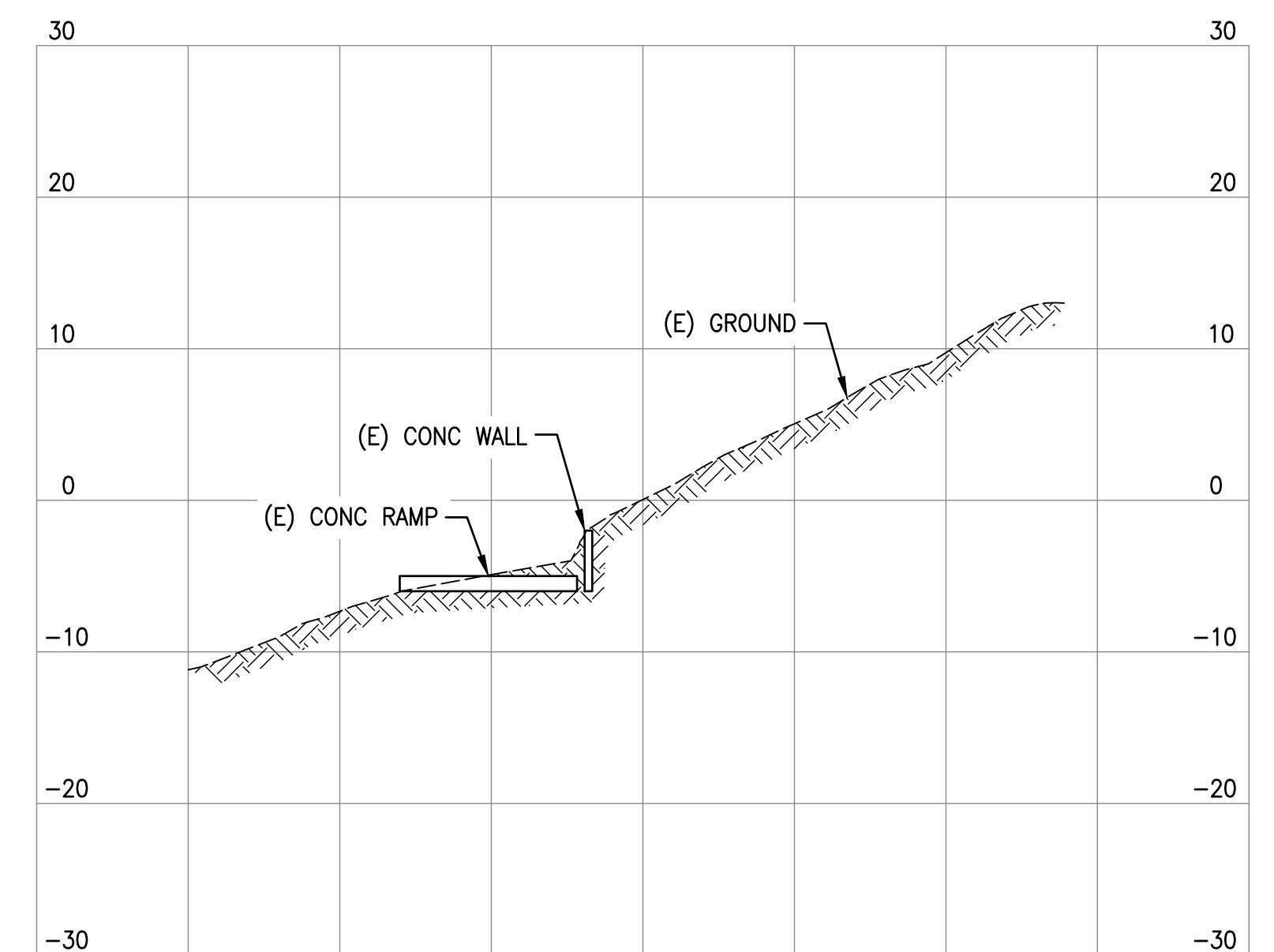
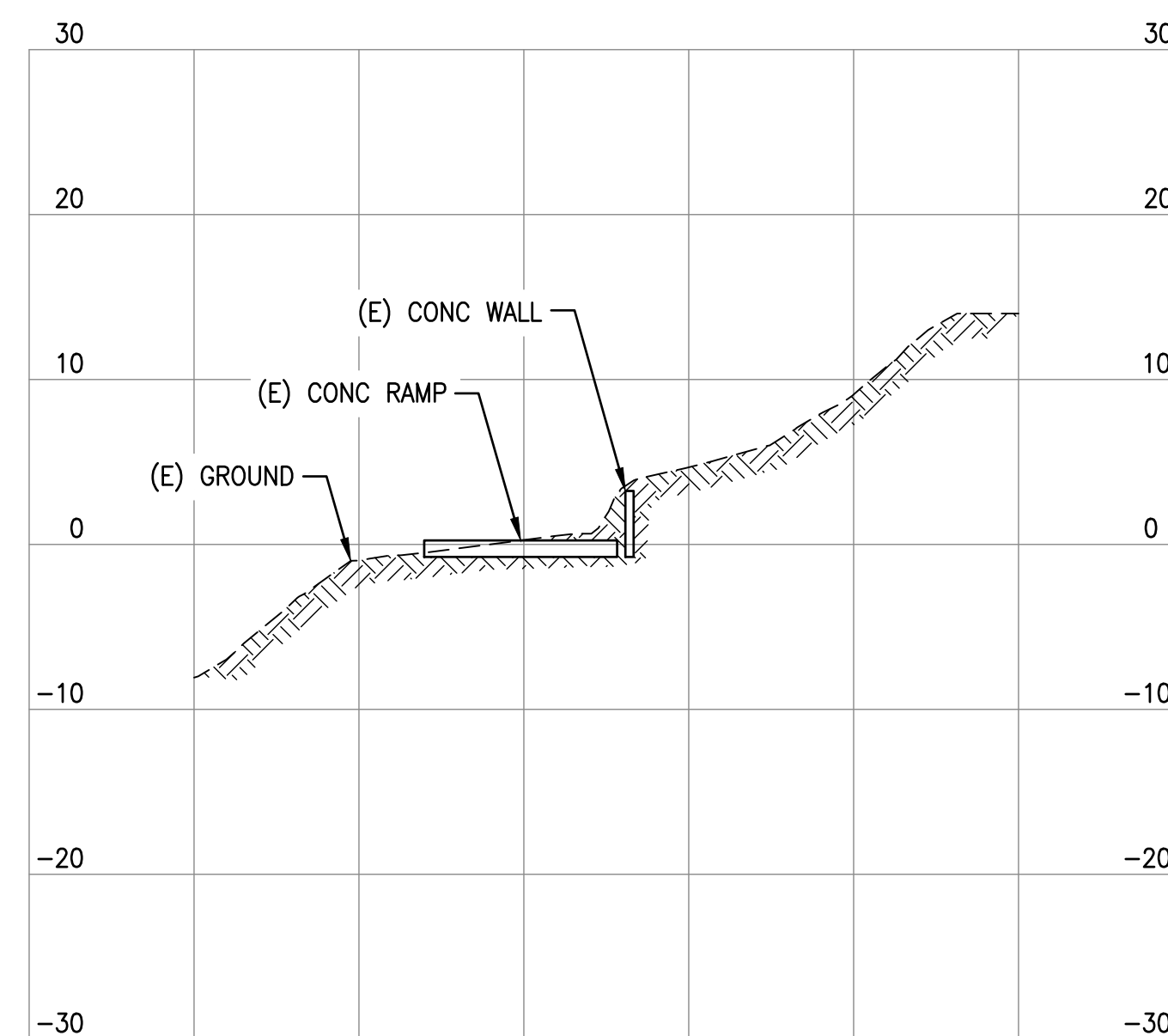
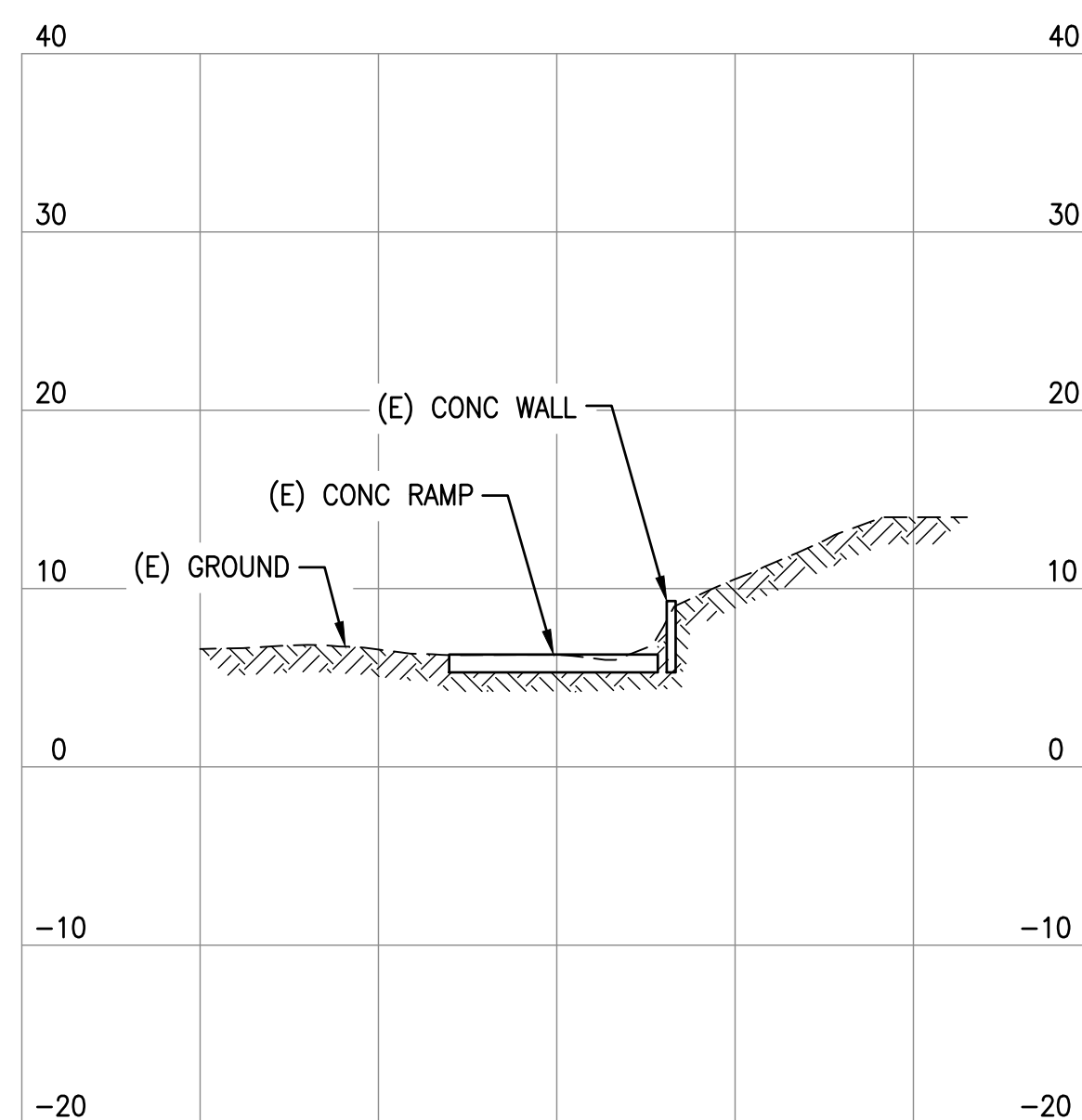
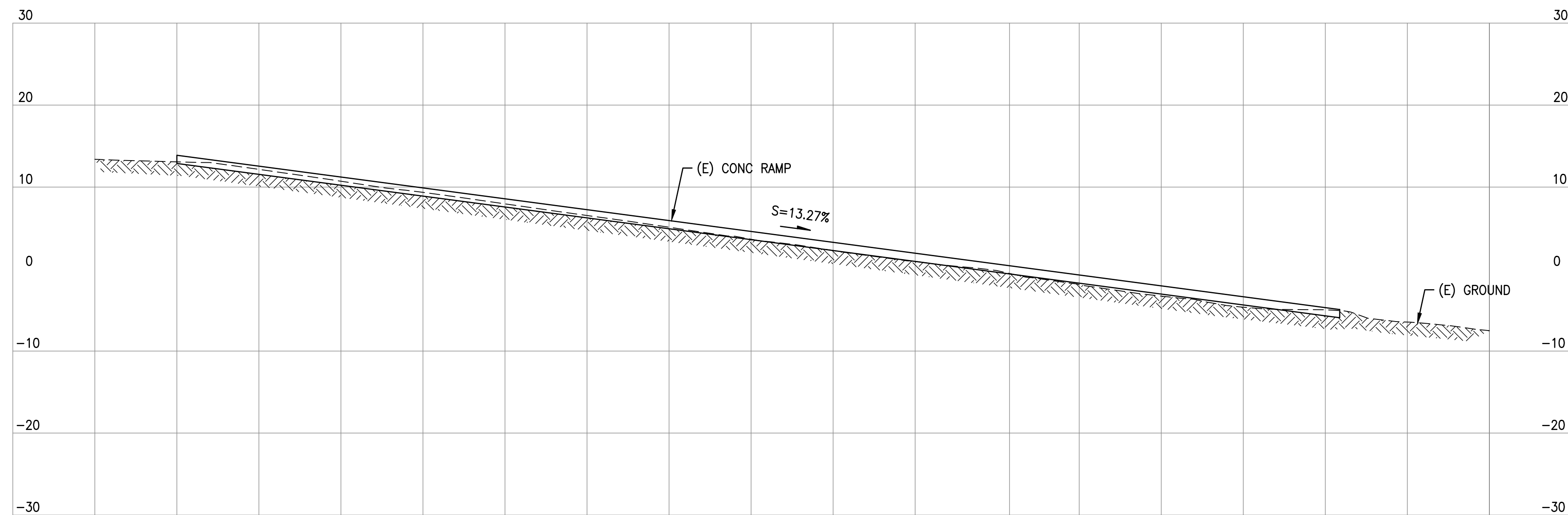
SCALE:
HORIZ AS NOTED
VERT
NOTE: "L"
IF "L" DOES NOT
MEASURE 1" ADJUST
SCALES ACCORDINGLY

Reid Middleton

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Everett, Washington 98204
Ph: 425 741-3800

PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT	
SHEET TITLE: EXISTING SITE PLAN	

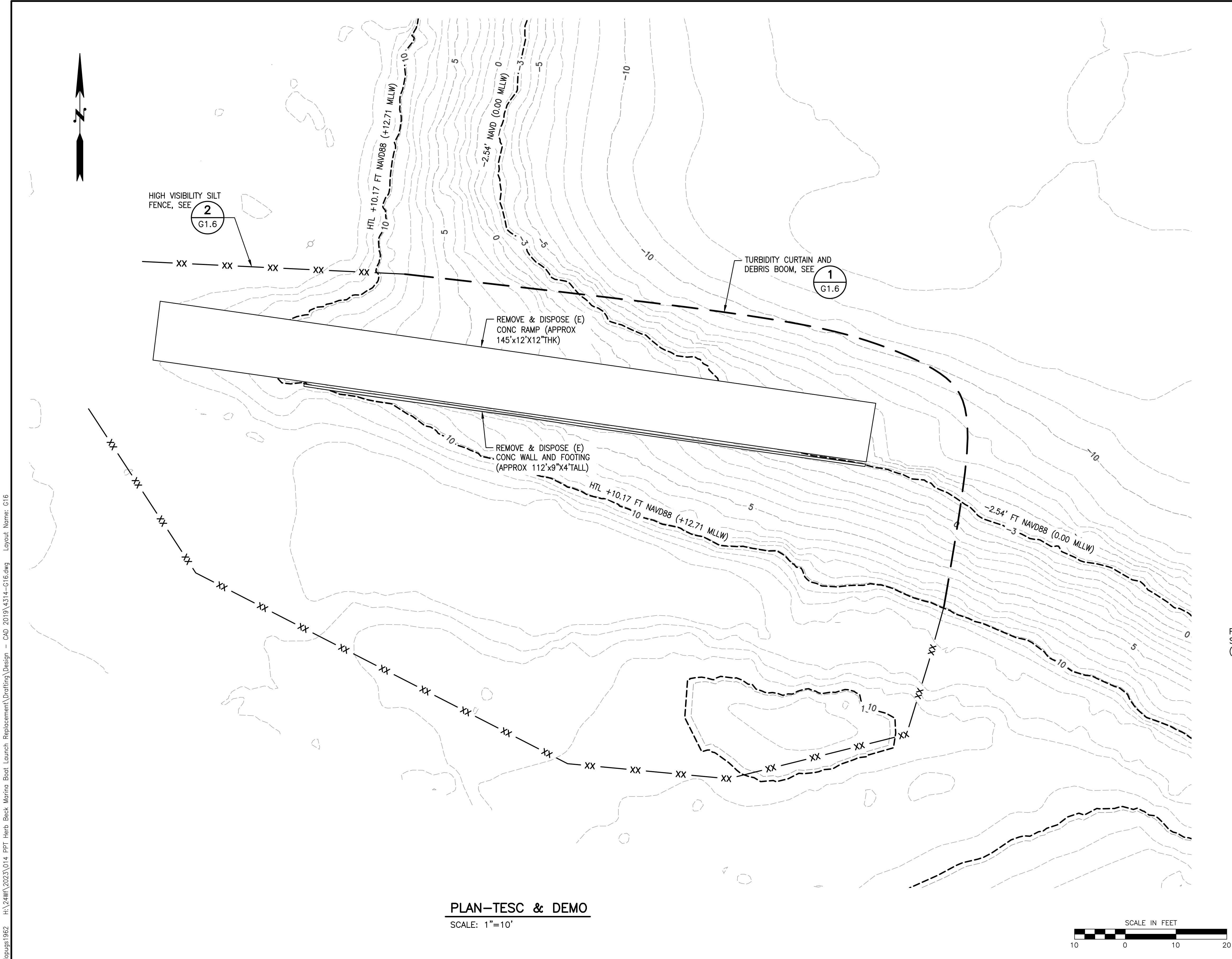
SHEET NO. G1.4



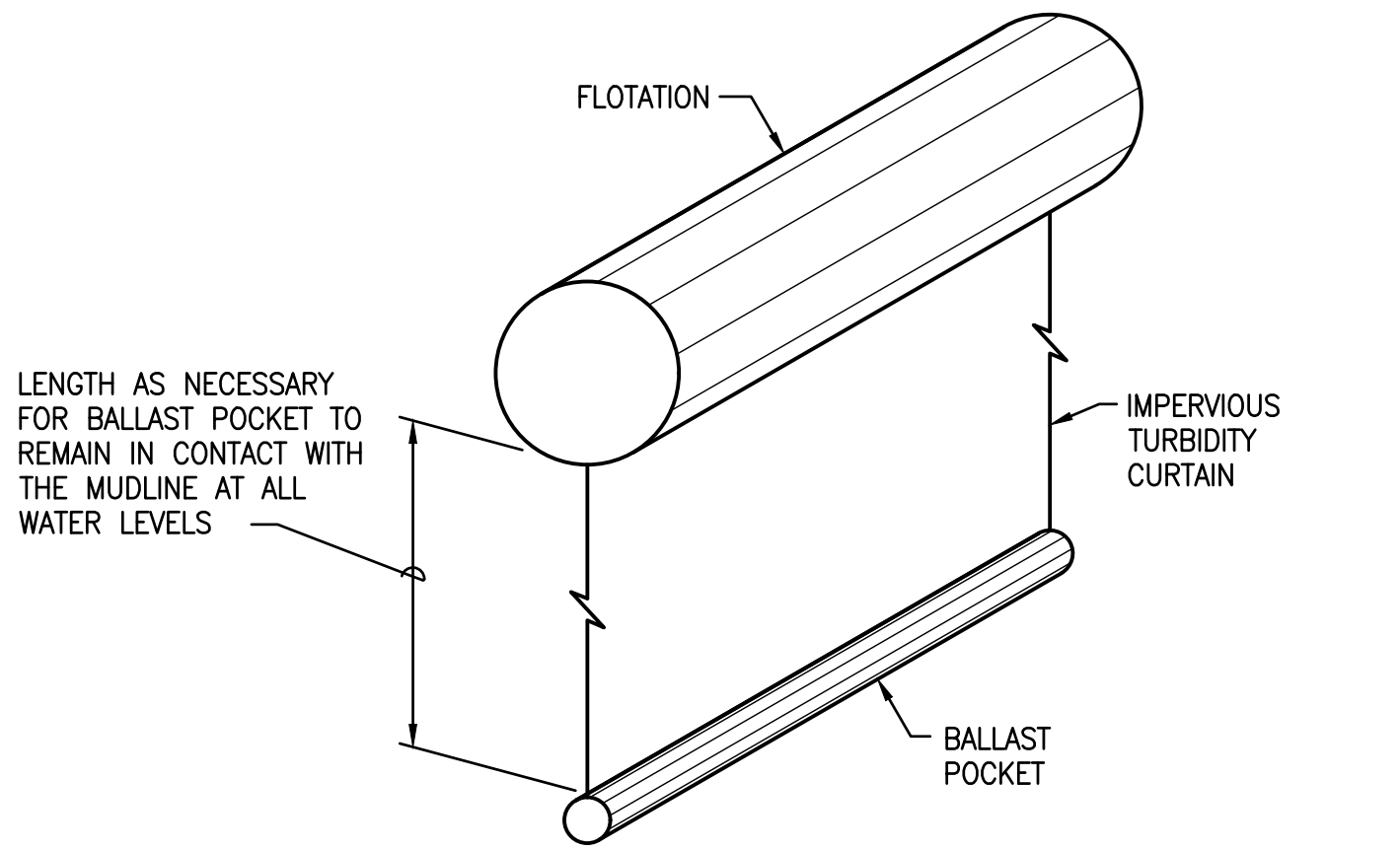
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NO.	DATE	BY	DESCRIPTION	APP'D

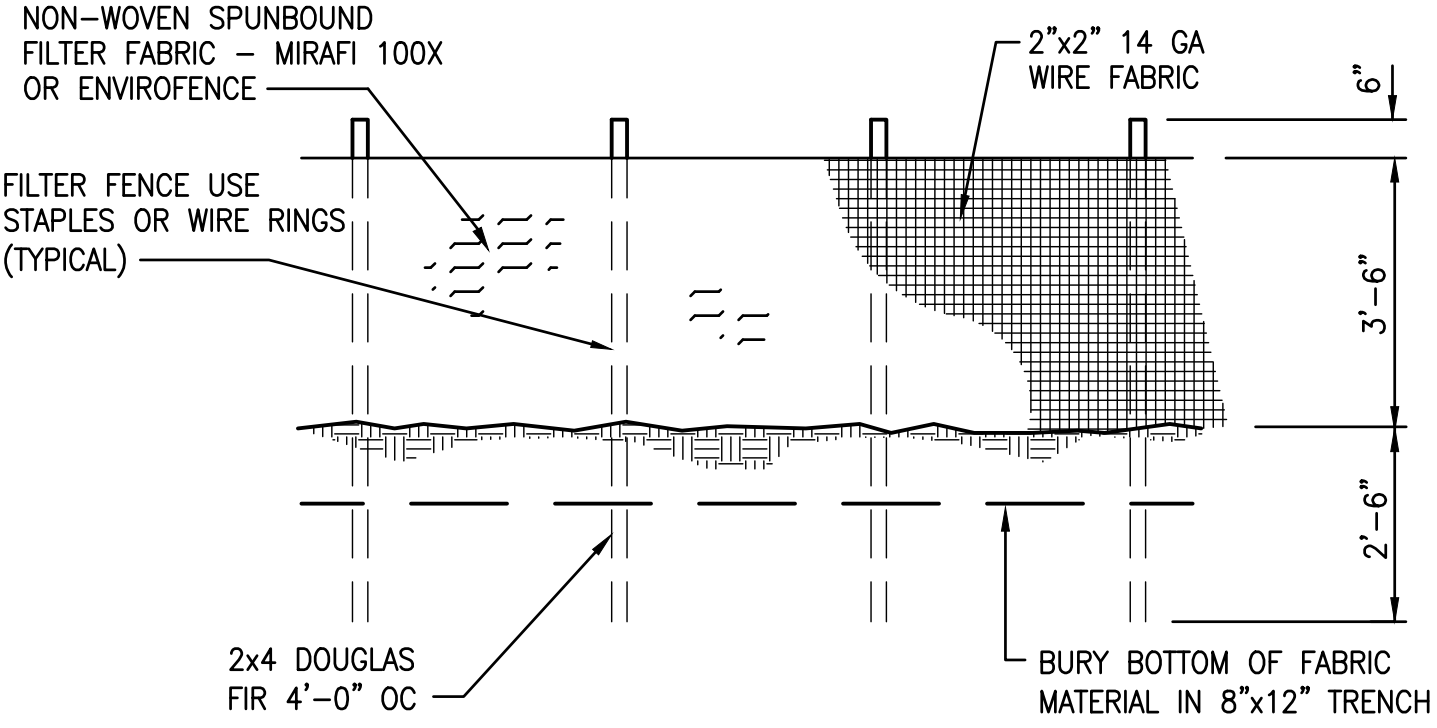
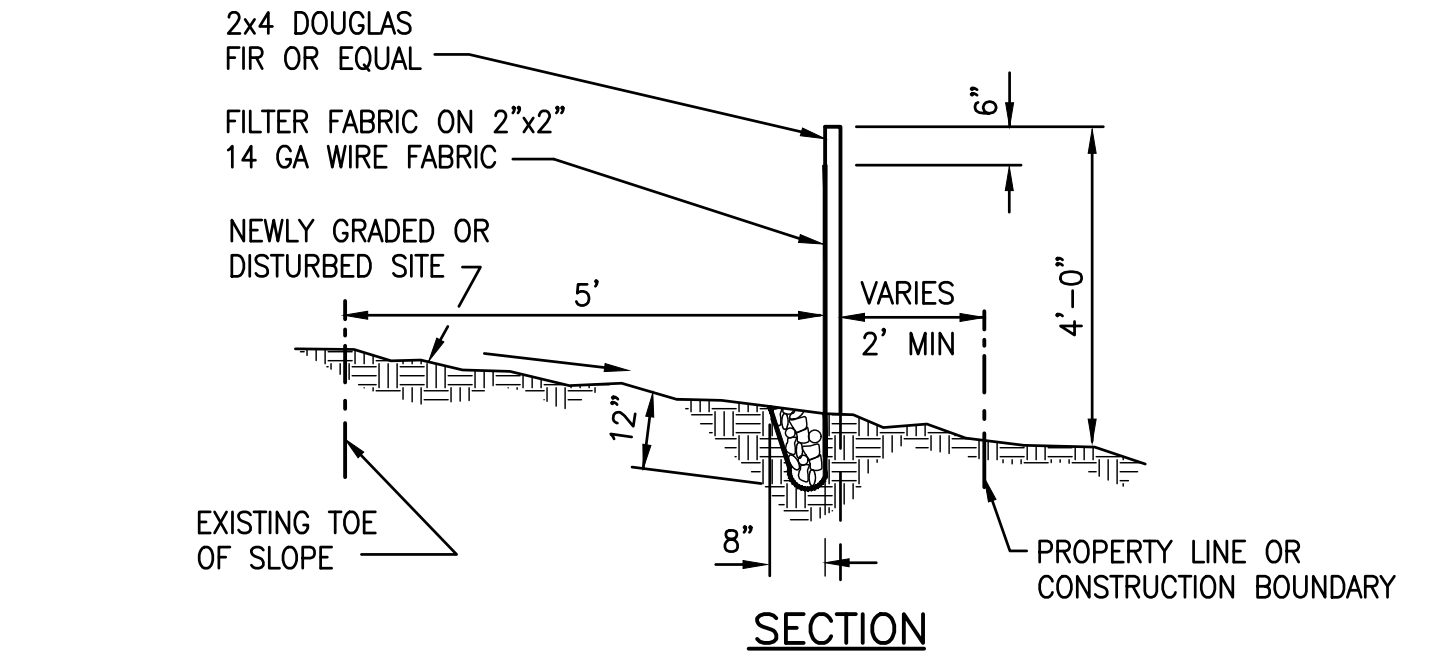
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PLAN-TESC & DEMO
SCALE: 1"=10'



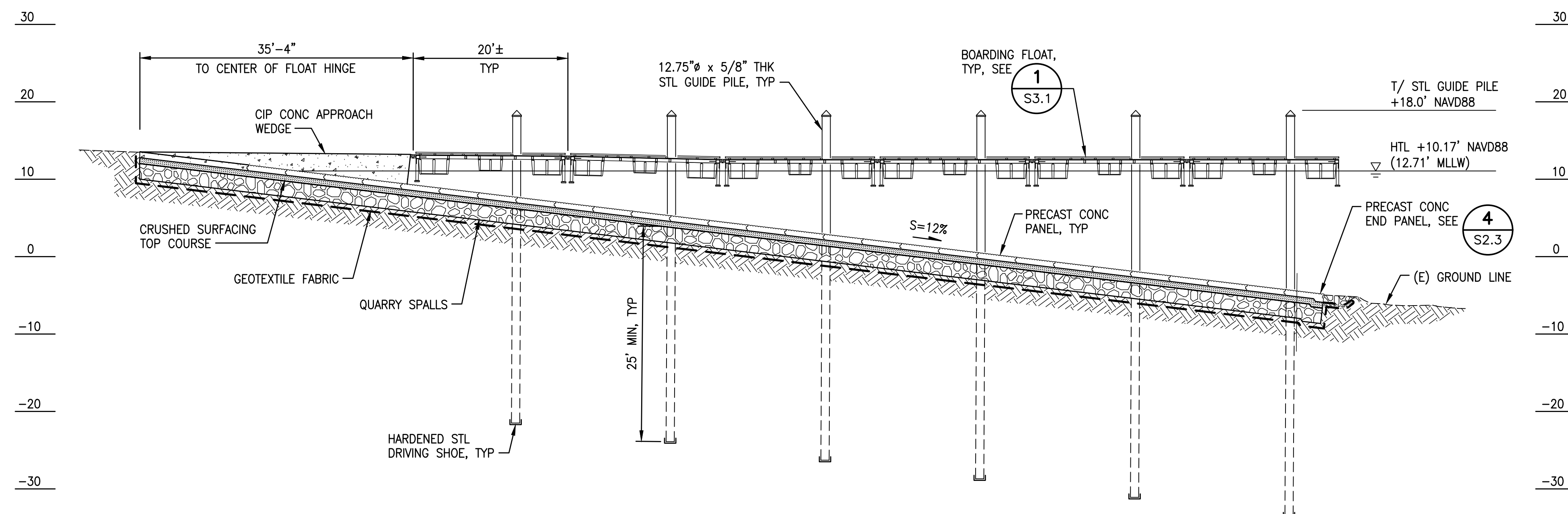
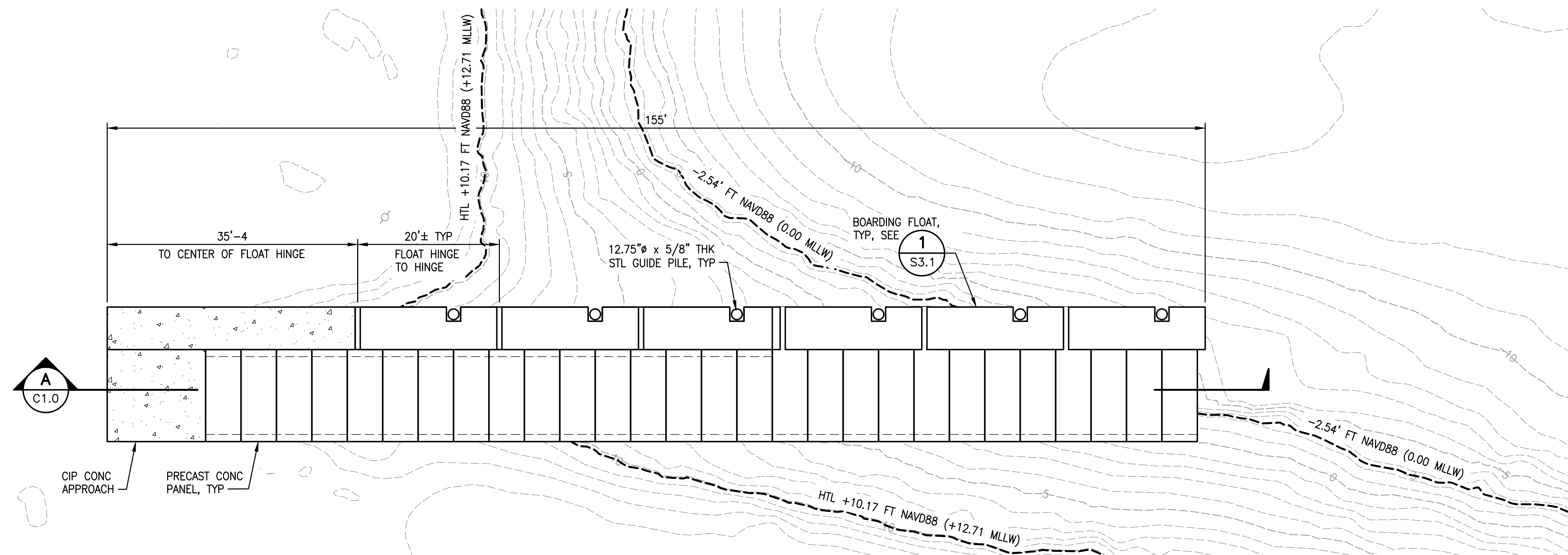
1
G1.6
DETAIL-TURBIDITY CURTAIN AND DEBRIS BOOM
NOT TO SCALE



2
G1.6
DETAIL-HIGH VISIBILITY SILT FENCE
NOT TO SCALE

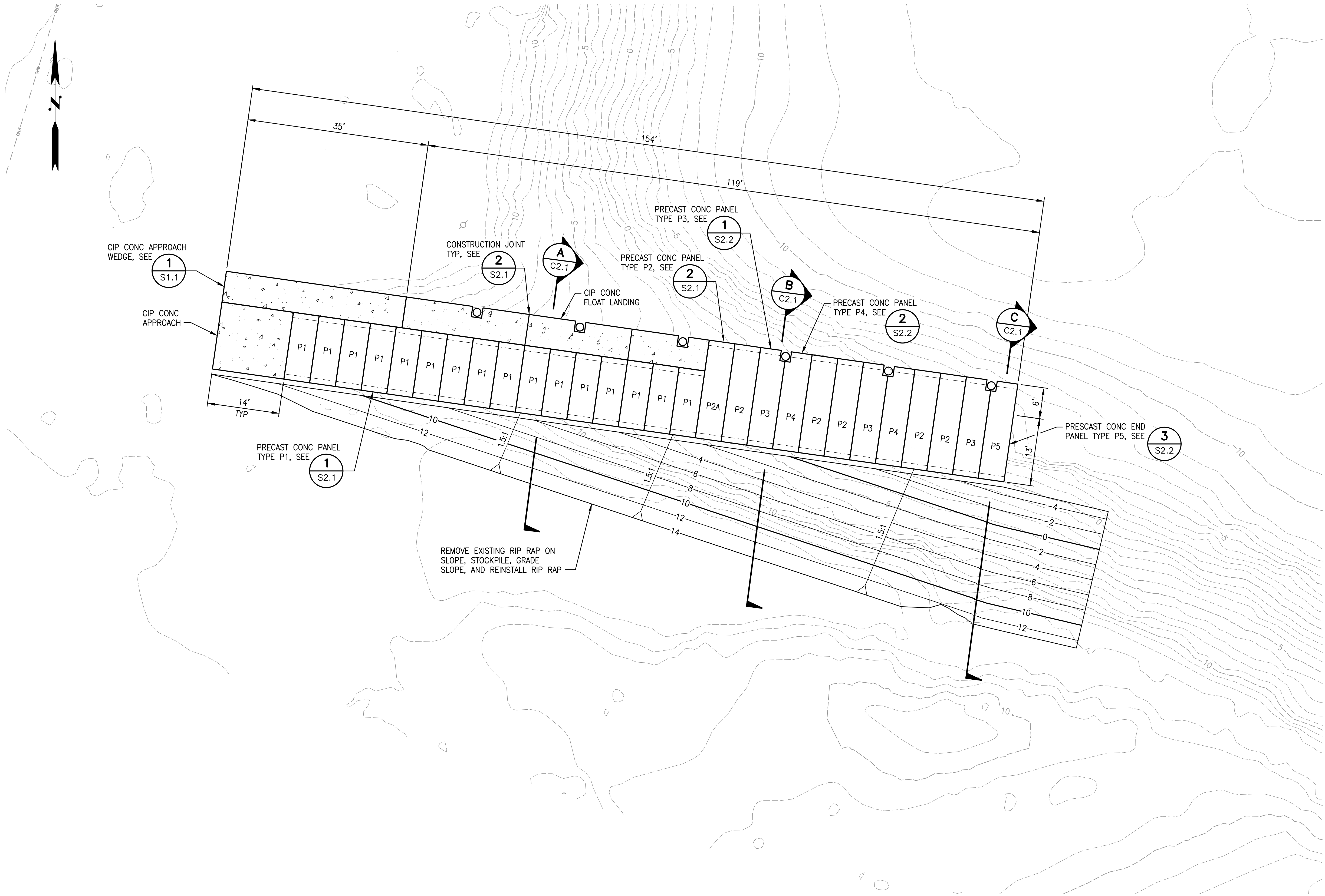
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REVISIONS					APP'D
NO.	DATE	BY	DESCRIPTION		
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R E V I S I O N S						DESIGNED BY: B. McRAE DRAWN BY: D. OLSEN CHECKED BY: W. AHN DATE: 08/28/2026 PROJECT NO: 24-23-014	 728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741-3800	PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT SHEET TITLE: FLOAT PLAN AND SECTION	SHEET NO. C1.0
NO.	DATE	BY	DESCRIPTION	APP'D					

Sep. 02, 2026 - 12:33pm H:\24W\2023\014 PPT Herb Beck Marina Boat Launch Replacement\Drafting\Design - CAD 2019\314-C20.dwg Layout Name: C20



REVISIONS				
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CHECKED BY: W. AHN
DATE: 08/28/2026
PROJECT NO: 24-23-014



SCALE:
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NOTE: "L"
IF "L" DOES NOT
MEASURE 1" ADJUST
SCALES ACCORDINGLY

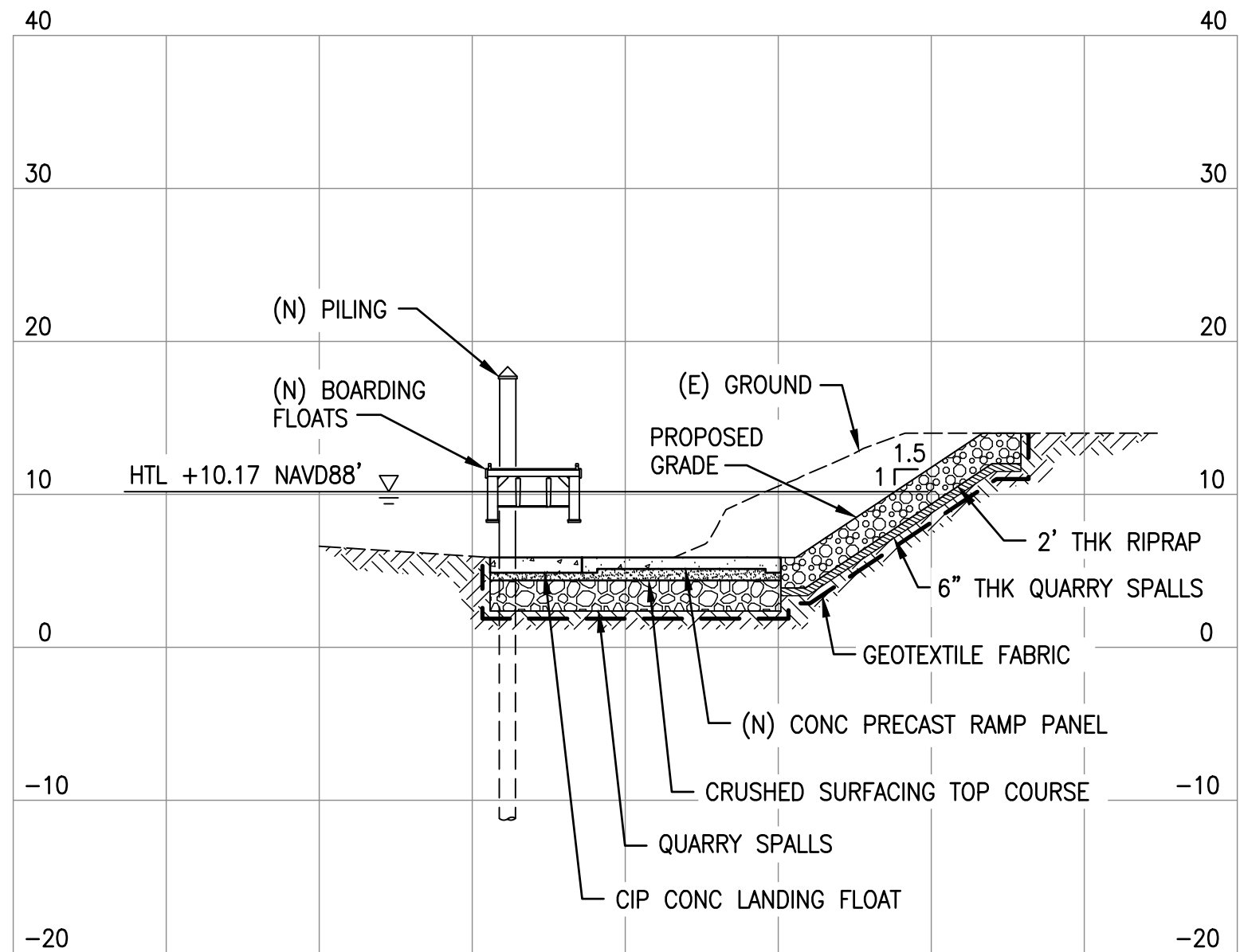


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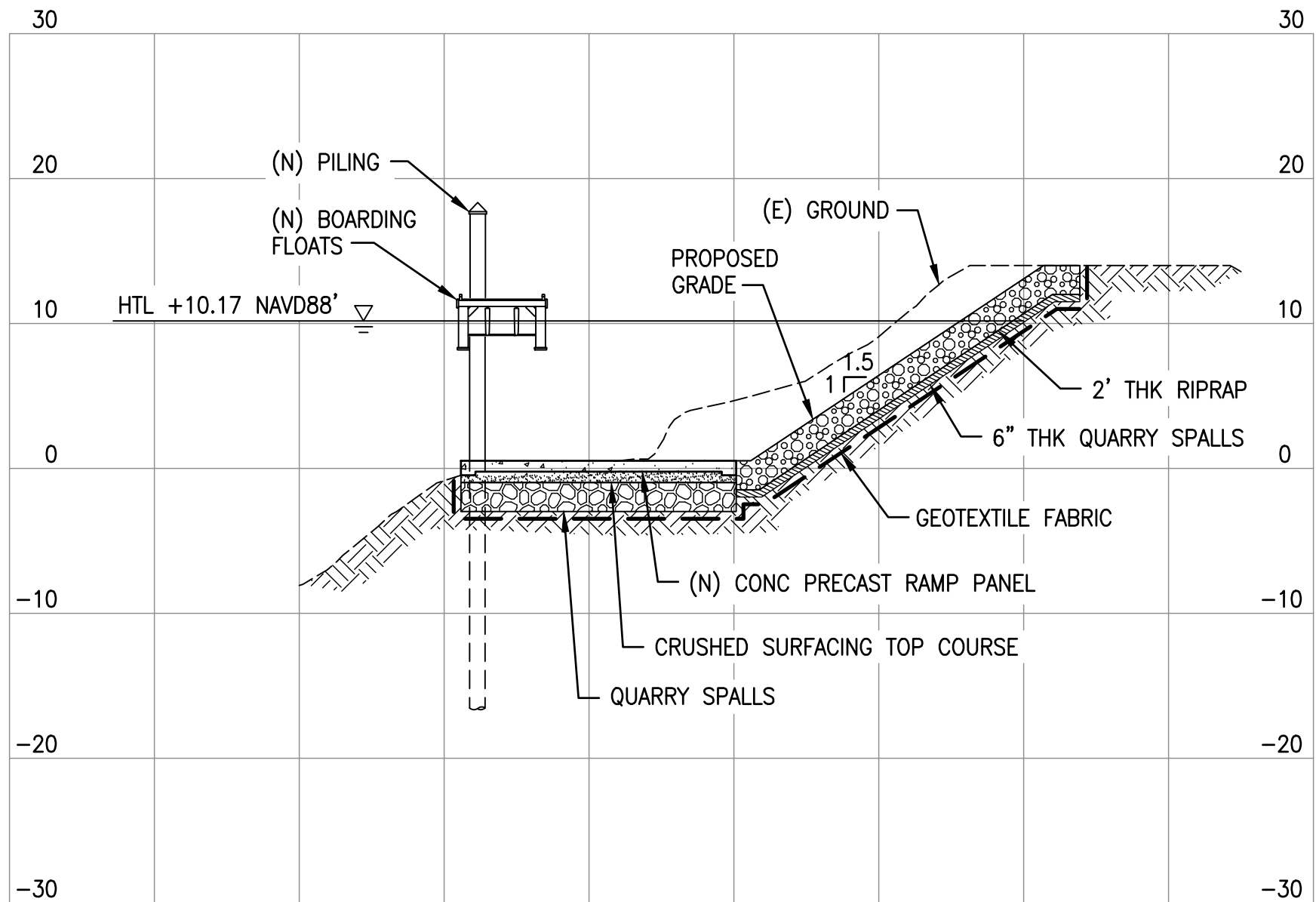
PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT	
SHEET TITLE: GRADING AND CONCRETE PANEL PLAN	

SHEET NO. C2.0

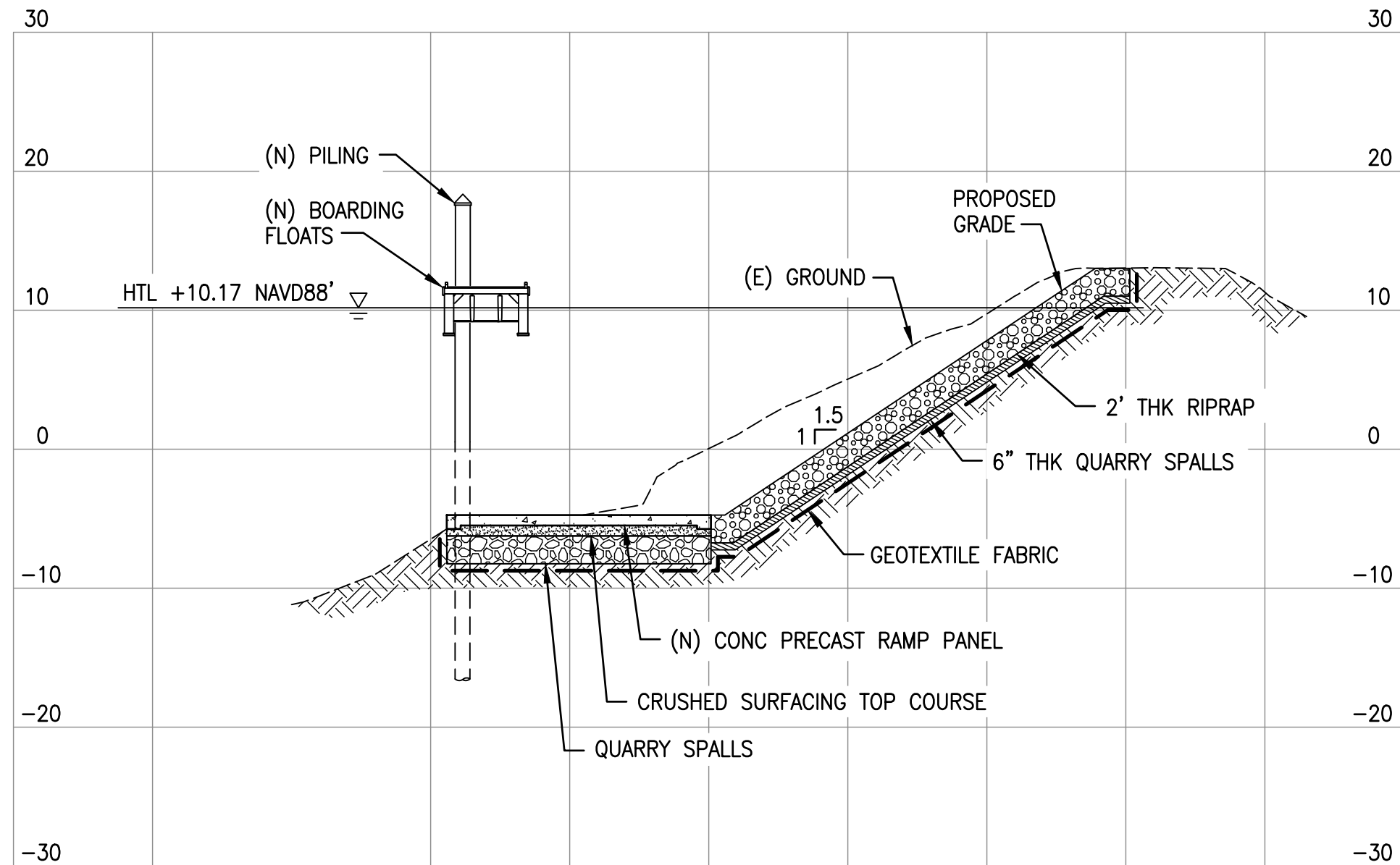
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A SECTION
C2.0 SCALE: 1"=10'



B SECTION
C2.0 SCALE: 1"=10'

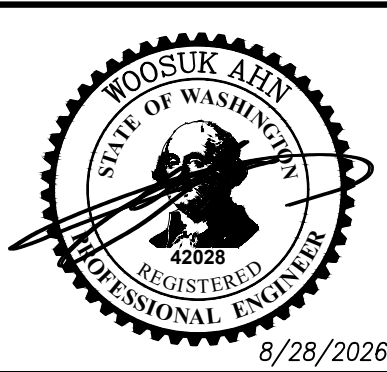


C SECTION
C2.0 SCALE: 1"=10'

NOTES:

1. PROPOSED GRADE CONSISTS OF APPROXIMATELY 2' THK RIPRAP LAYER ABOVE 6" THK QUARRY SPALLS CHINKED WITH GRAVEL.
2. GEOTEXTILE FABRIC SHALL BE INSTALLED ALONG NEW GRADE SLOPES AND BELOW CONCRETE RAMP PRIOR TO INSTALL OF QUARRY SPALL AND RIPRAP LAYERS.

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					CHECKED BY: W. AHN
					DATE: 08/28/2026
					PROJECT NO: 24-23-014



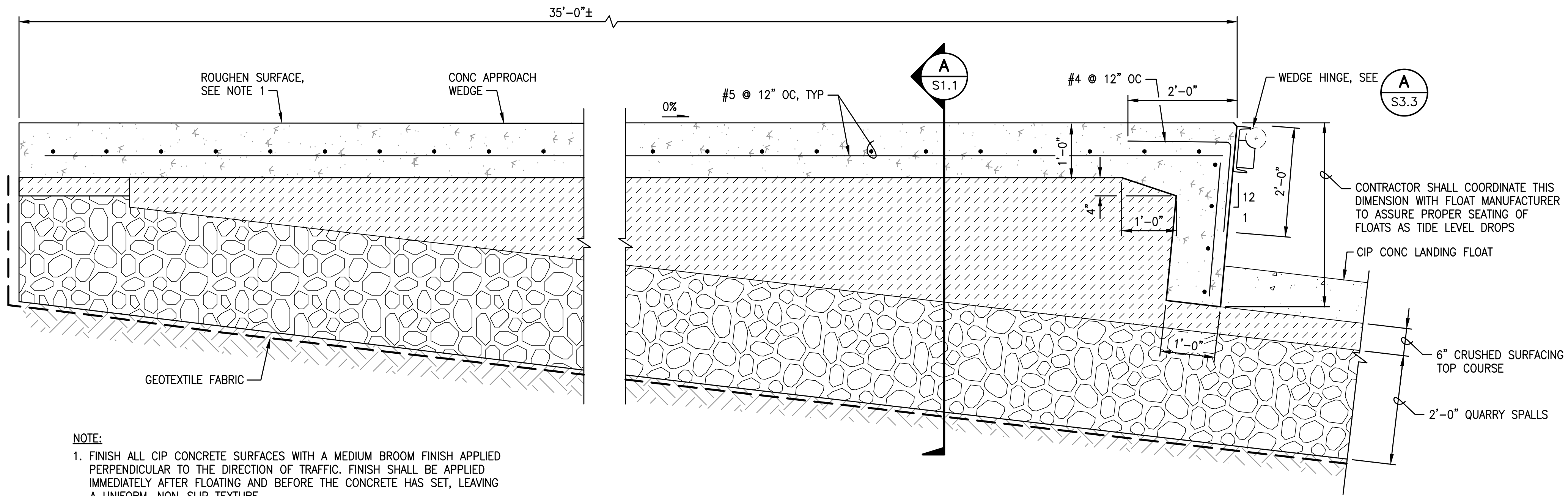
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HORIZ AS NOTED
VERT _____
NOTE: 1" = 1' IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY

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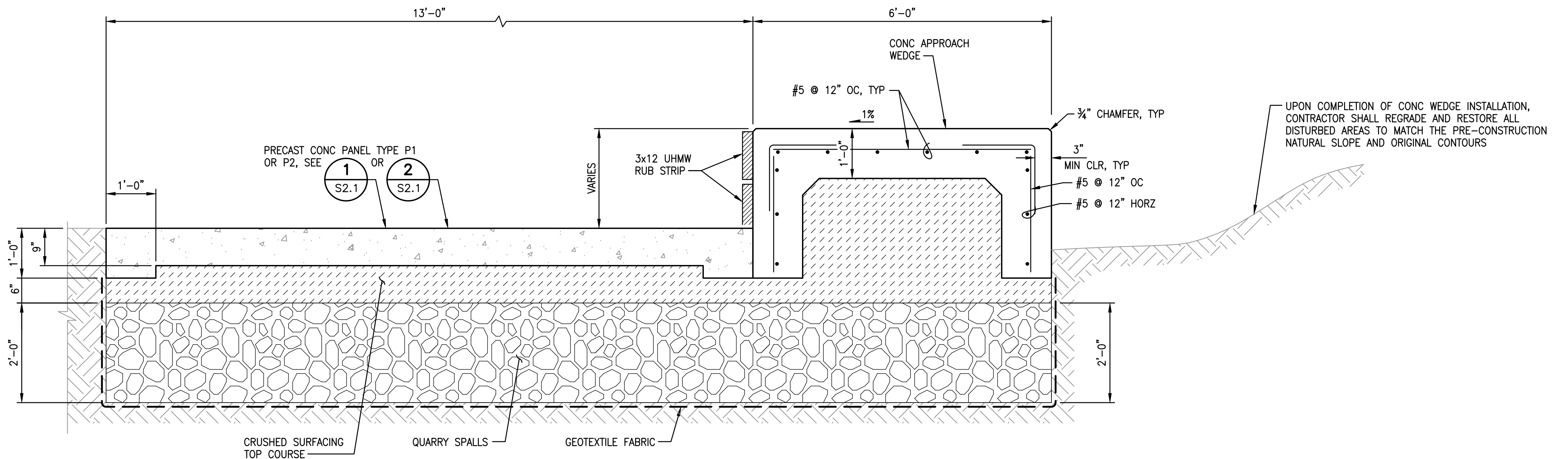
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Everett, Washington 98204
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PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT		SHEET NO. C2.1
SHEET TITLE: GRADING SECTIONS		

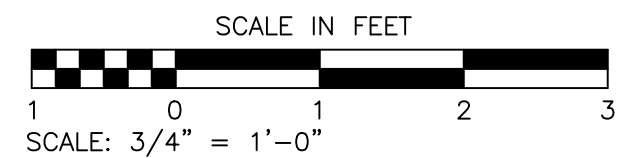
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1 DETAIL-CONCRETE APPROACH WEDGE
C2.0 SCALE: 3/4"=1'-0"

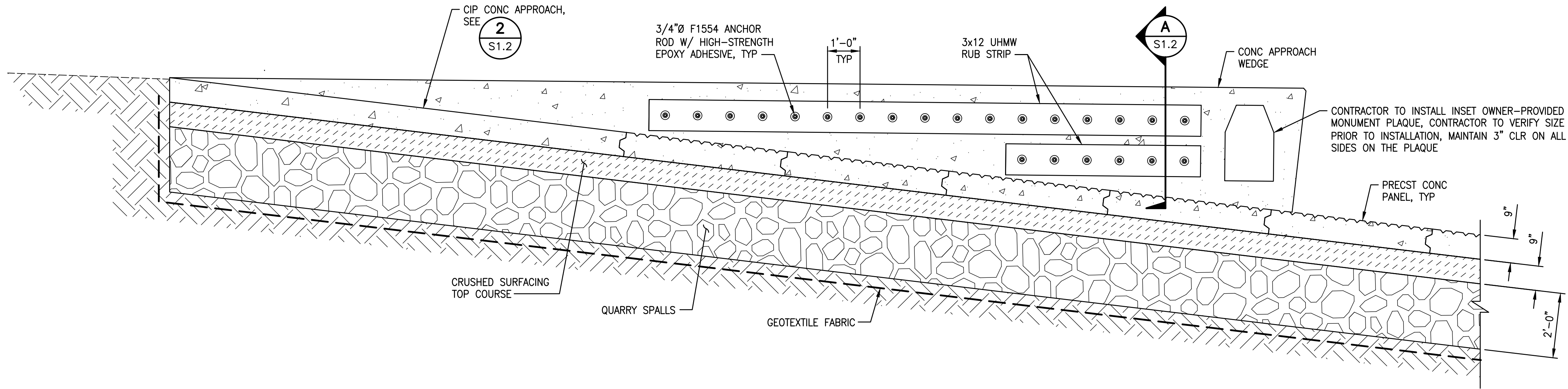


A SECTION-CONCRETE APPROACH WEDGE
S1.1 SCALE: 3/4"=1'-0"

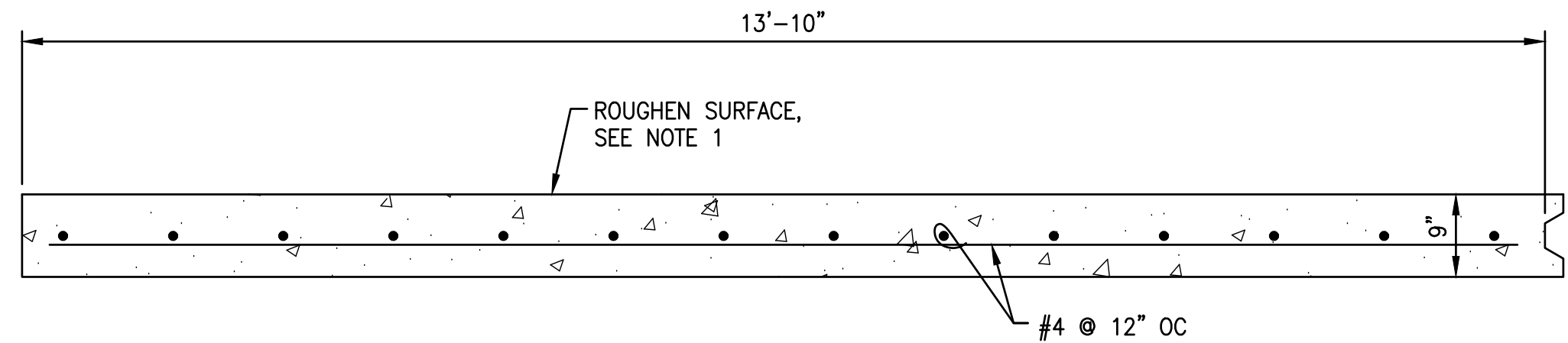


REVISIONS					DESIGNED BY: J. STRUB			SCALE: HORIZ 1"=10' VERT NOTE: 1" L DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY		728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741-3800	PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT		SHEET NO. S1.1
NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN	SHEET TITLE:							
					CHECKED BY: W. AHN								
					DATE: 08/28/2026								
					PROJECT NO: 24-23-014								

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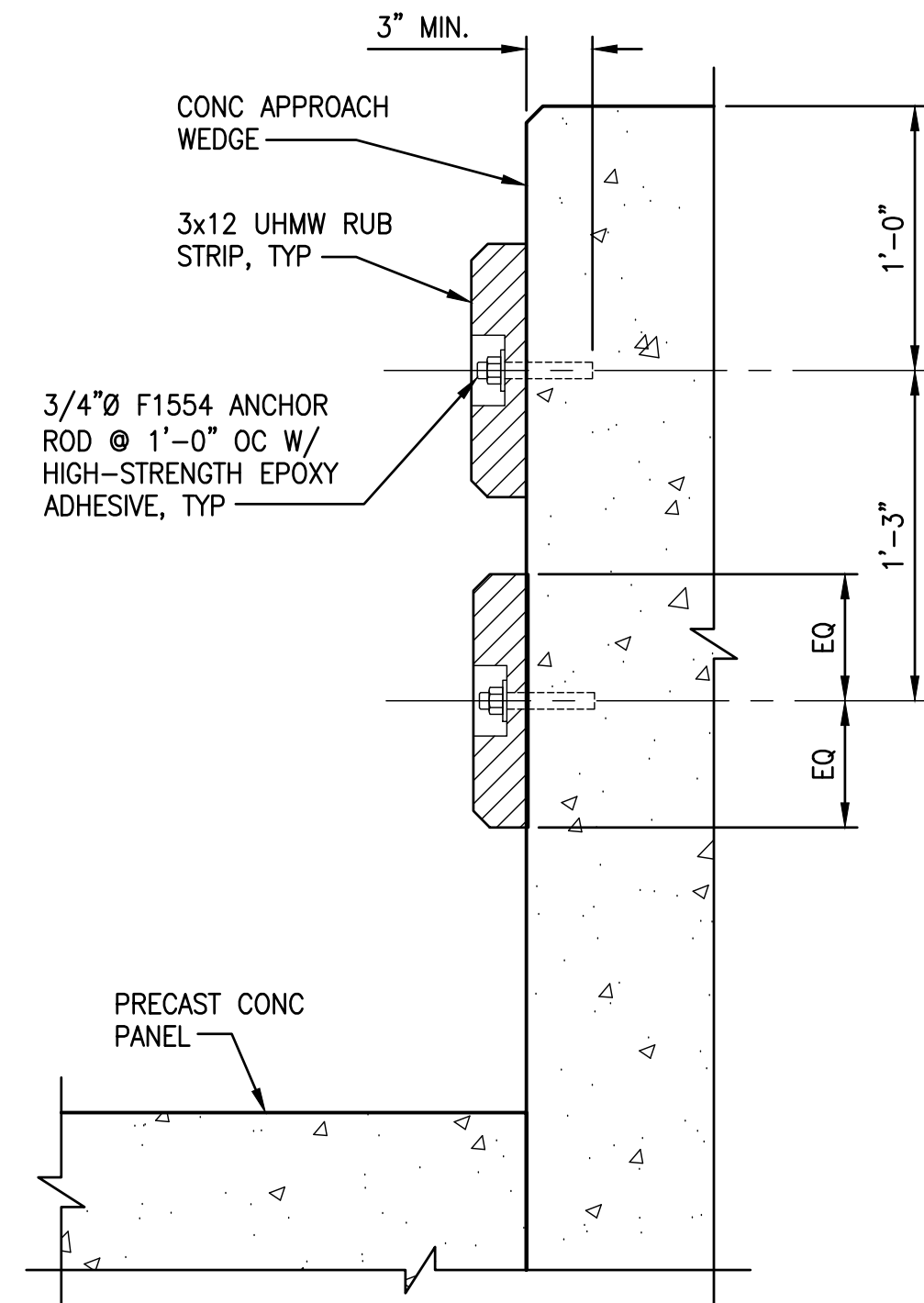


1 ELEVATION-APPROACH WEDGE
S1.2 SCALE: 1/2"=1'-0"



NOTE:
1. FINISH ALL CIP TOP CONCRETE SURFACES WITH A MEDIUM BROOM FINISH APPLIED PERPENDICULAR TO THE DIRECTION OF TRAFFIC. FINISH SHALL BE APPLIED IMMEDIATELY AFTER FLOATING AND BEFORE THE CONCRETE HAS SET, LEAVING A UNIFORM, NON-SLIP TEXTURE.

2 DETAIL-CIP CONCRETE APPROACH
S1.2 SCALE: 3/4"=1'-0"

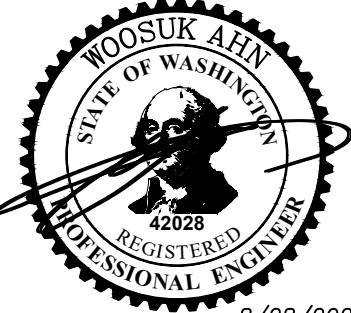


A SECTION-RUB STRIP CONNECTION
S1.2 SCALE: 1 1/2"=1'-0"

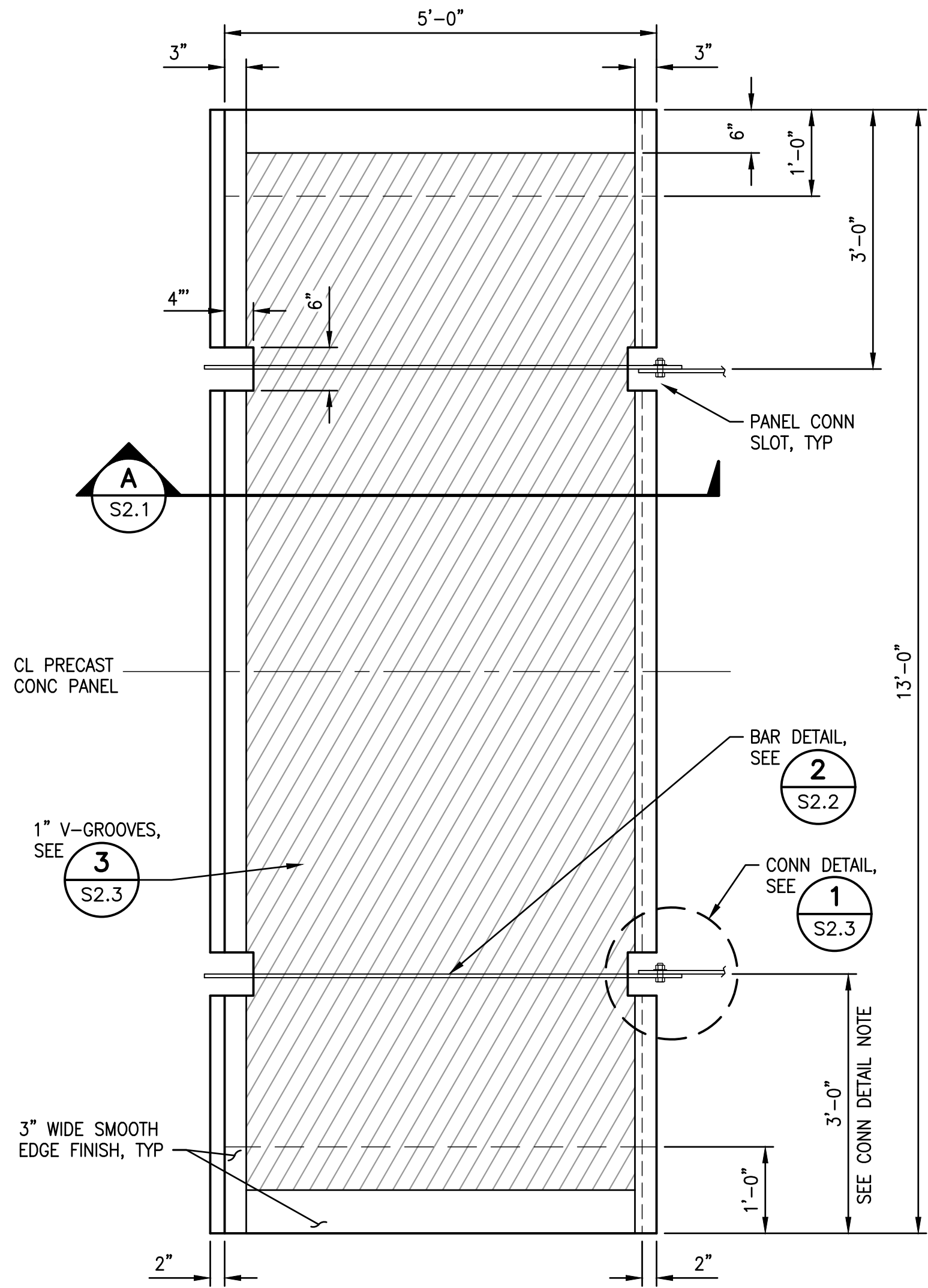
SCALE IN FEET
1 0 1
SCALE: 1 1/2" = 1'-0"

SCALE IN FEET
1 0 1 2
SCALE: 1" = 1'-0"

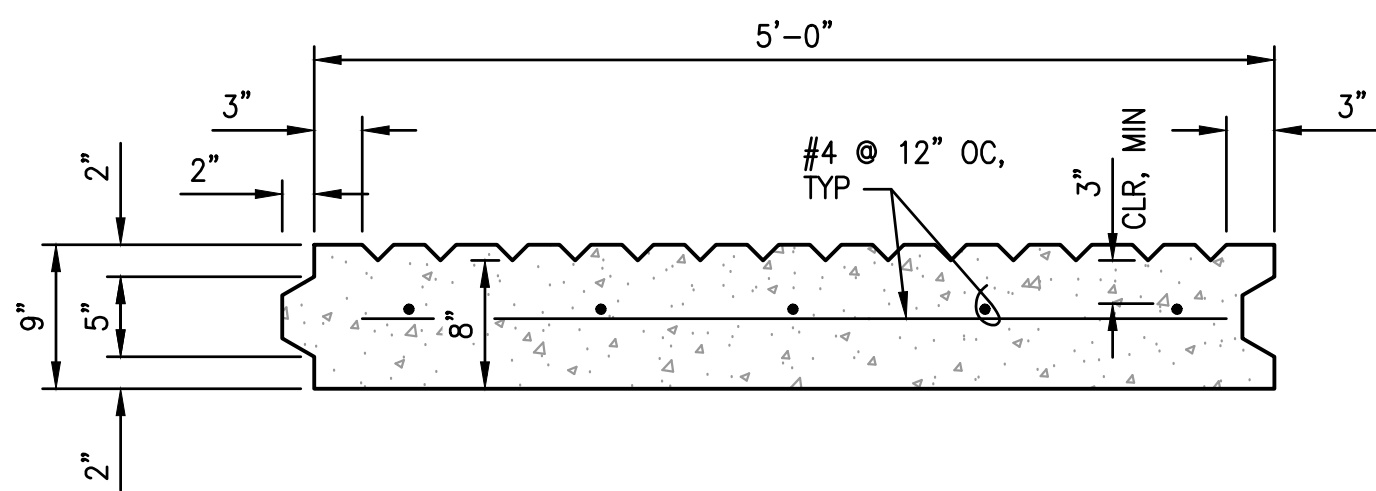
SCALE IN FEET
1 0 1 2 3 4 5
SCALE: 1/2" = 1'-0"

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NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN		SHEET TITLE:				
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					DATE: 08/28/2026						
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Aug 27, 2026 - 3:12pm											

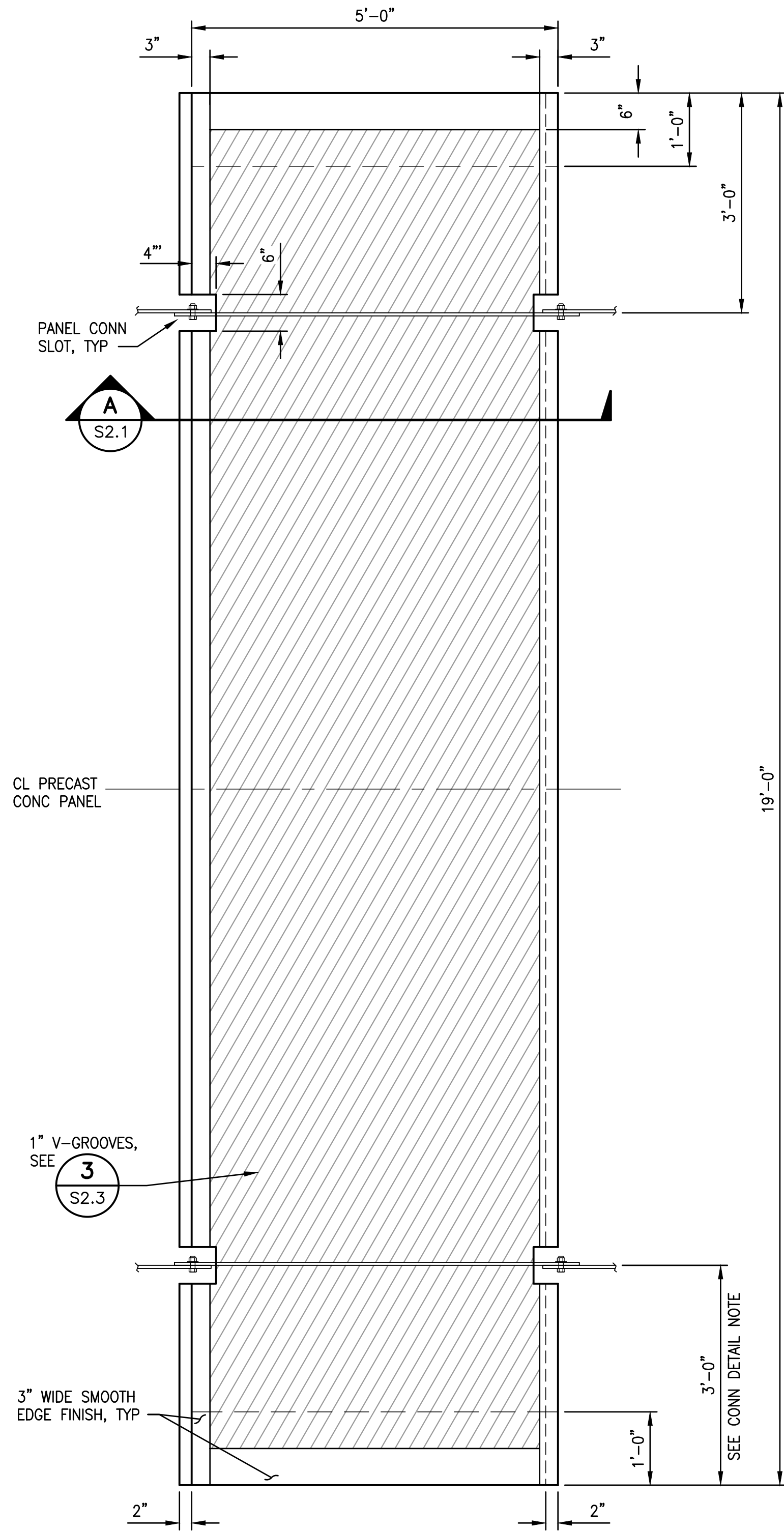
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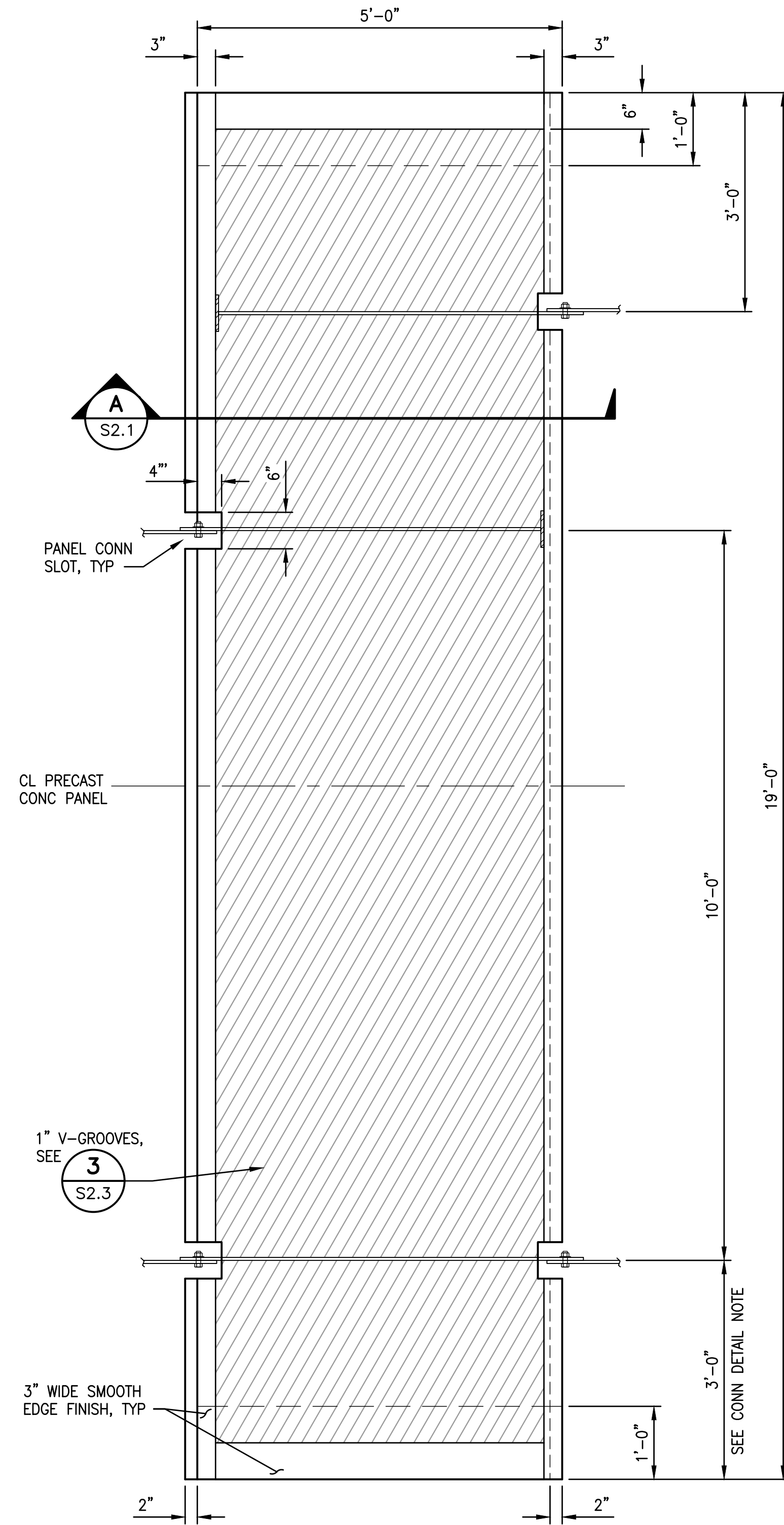
1 PLAN-TYPICAL PRECAST CONCRETE PANEL P1
C2.0 SCALE: 3/4"=1'-0"



A SECTION-TYPICAL PRECAST CONCRETE PANEL P1-P5
S2.1 SCALE: 1"=1'-0"

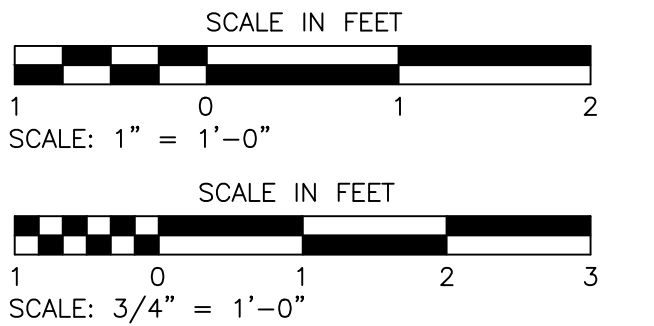


2 PLAN-PRECAST CONCRETE PANEL P2
C2.0 SCALE: 3/4"=1'-0"



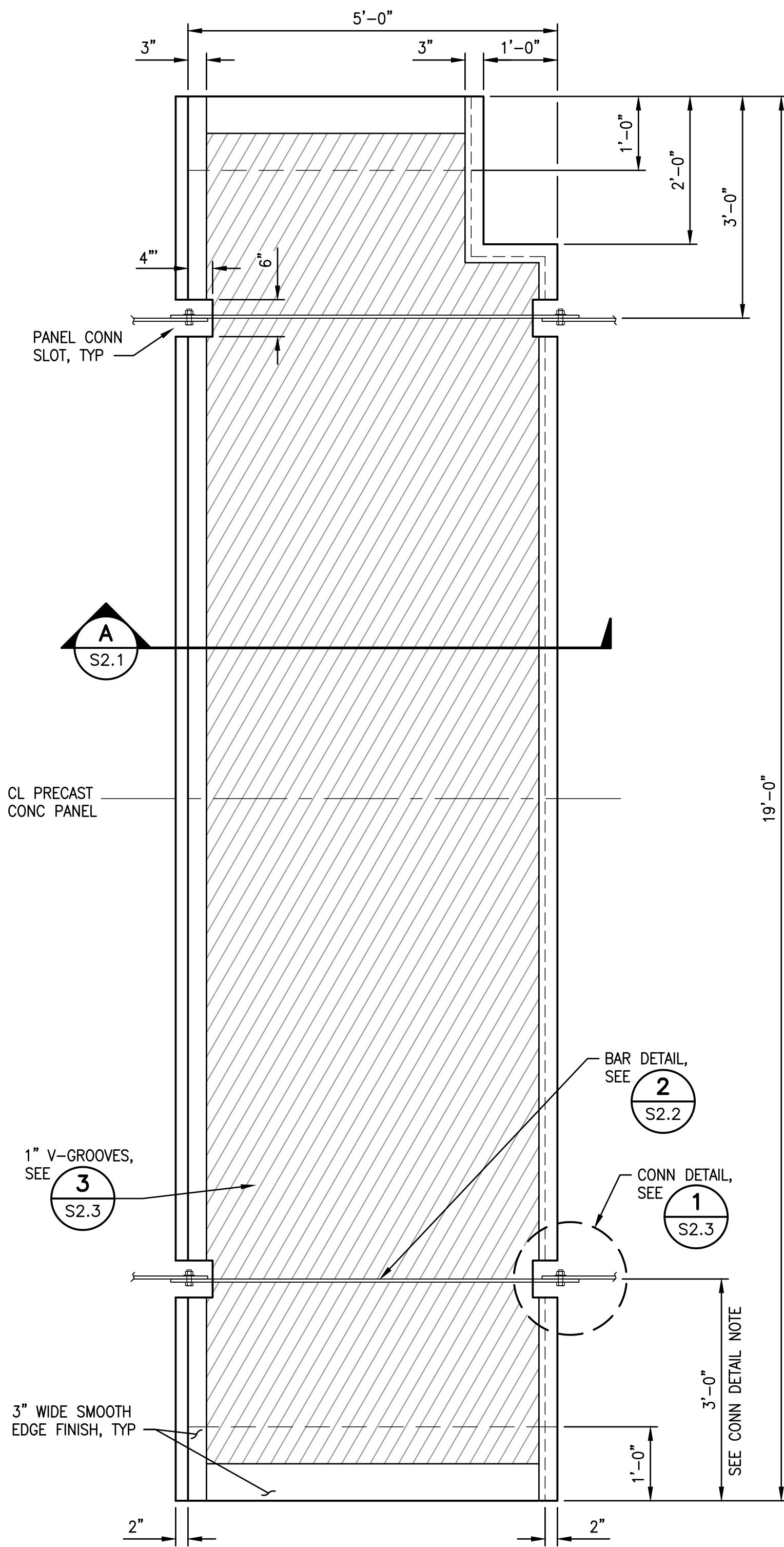
3 PLAN-PRECAST CONCRETE PANEL P2A
C2.0 SCALE: 3/4"=1'-0"

CONNECTION DETAIL NOTE
1. DIMENSION IS TO CENTER OF BAR OVERLAP. PRECAST PANEL MANUFACTURER MUST ALIGN 1/2" THK GALV STL BARS AS TO PROPERLY ALIGN AND NOT CONFLICT WITH BARS IN ADJACENT PANELS.

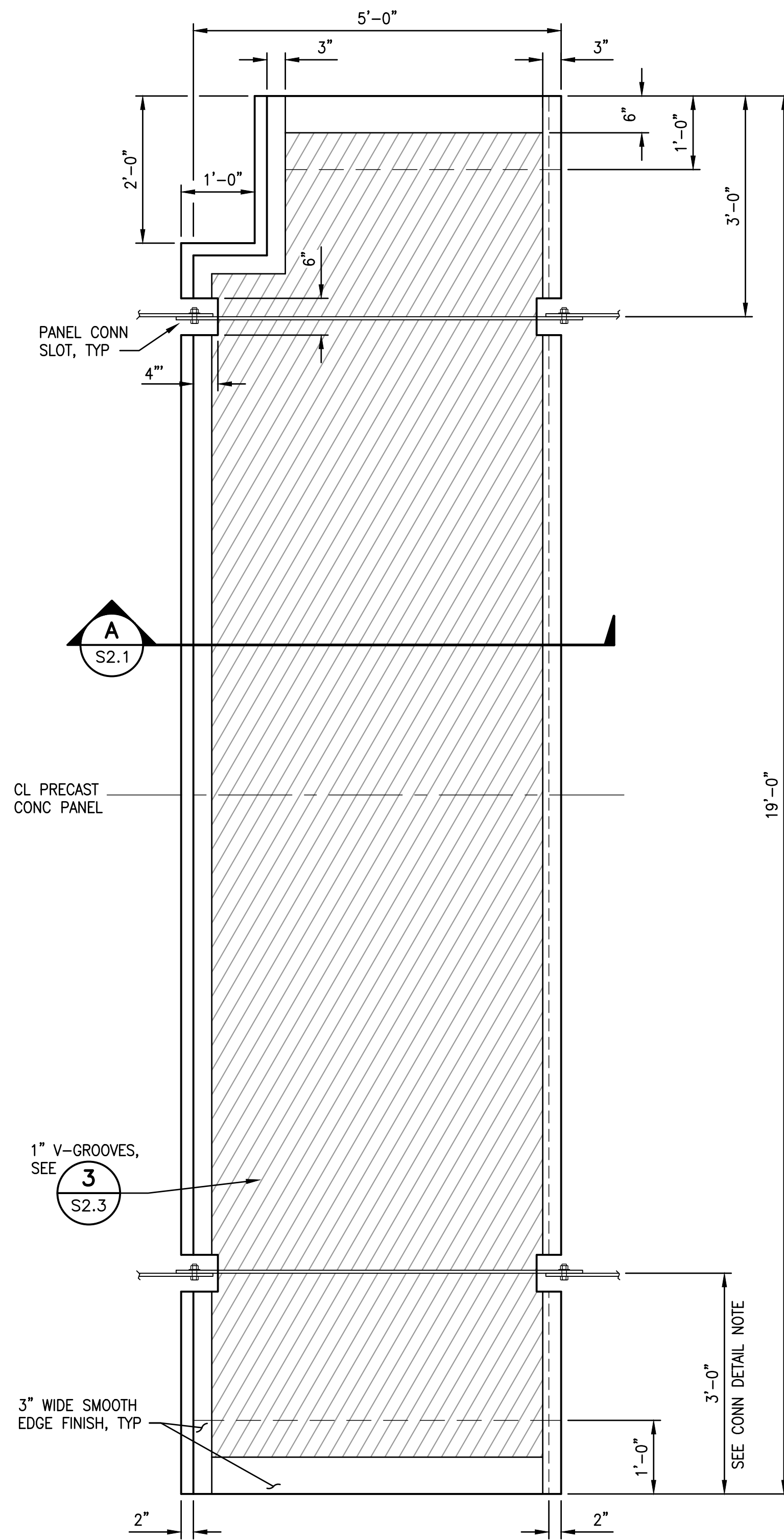


REVISIONS					DESIGNED BY: J. STRUB		SCALE: HORIZ 1"=10' VERT 1"=10' NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY	 728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741-3800			PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT		SHEET NO.
NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN		SHEET TITLE:				S2.1		
					CHECKED BY: W. AHN								
					DATE: 08/28/2026								
					PROJECT NO: 24-23-014								

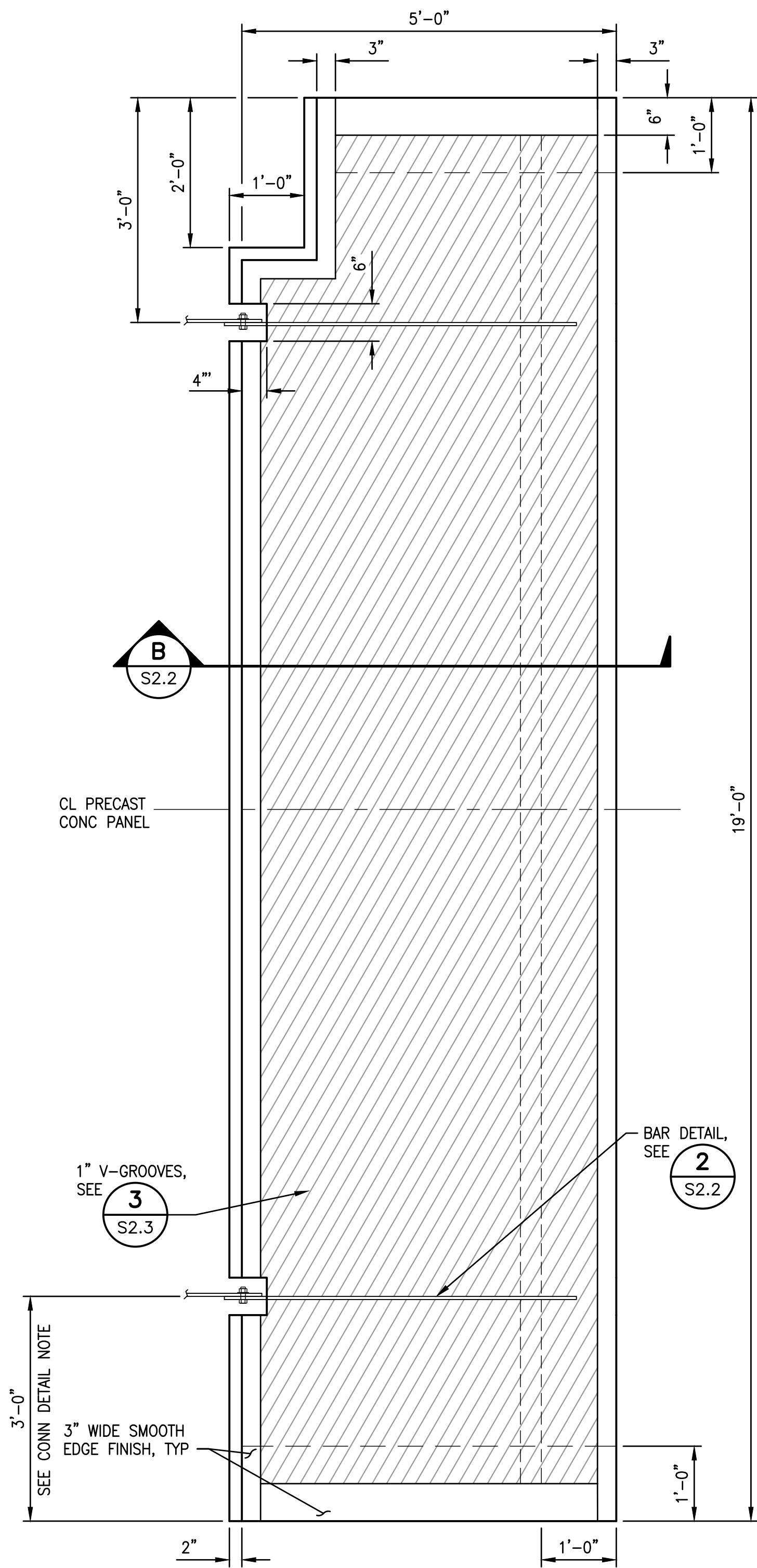
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1 PLAN-TYPICAL PRECAST CONCRETE PANEL P3
C2.0 SCALE: 3/4"=1'-0"



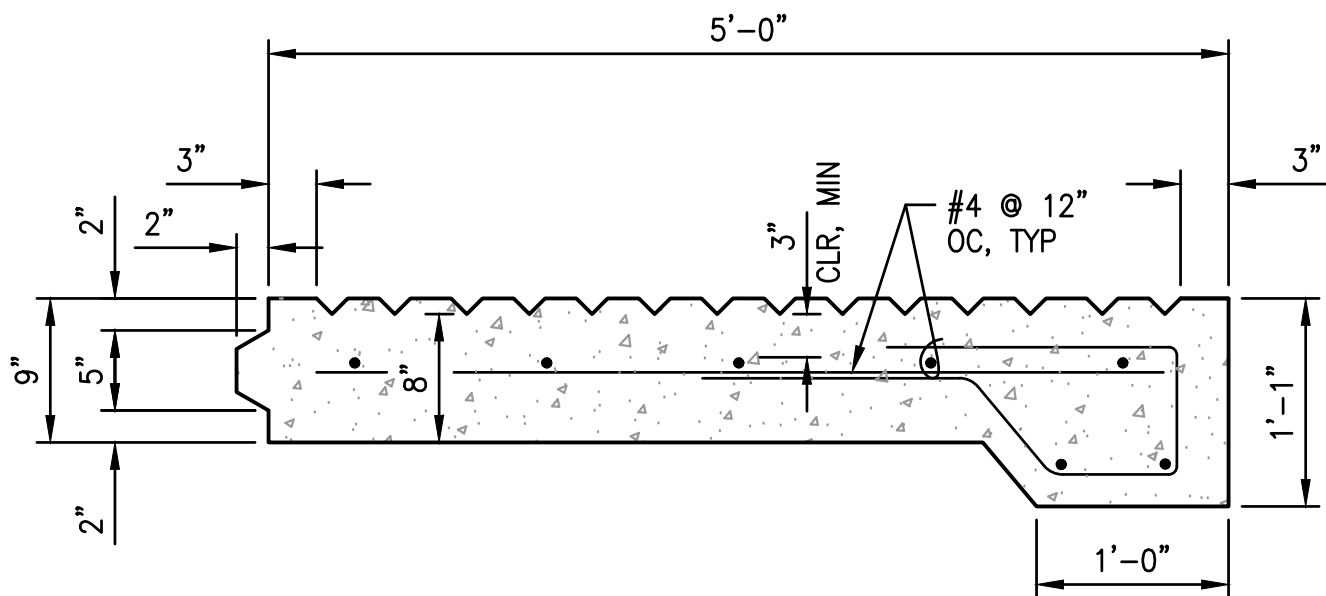
2 PLAN-PRECAST CONCRETE PANEL P4
C2.0 SCALE: 3/4"=1'-0"



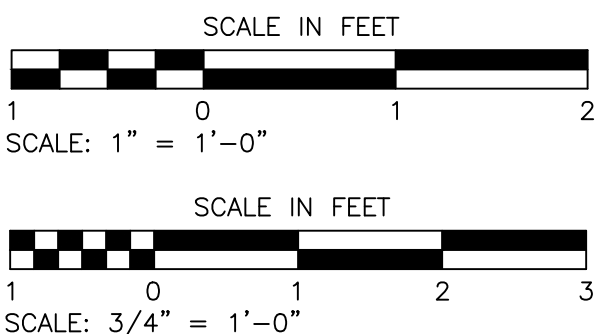
3 PLAN-PRECAST CONCRETE END PANEL P5
C2.0 SCALE: 3/4"=1'-0"

CONNECTION DETAIL NOTE

1. DIMENSION IS TO CENTER OF BAR OVERLAP.
PRECAST PANEL MANUFACTURER MUST ALIGN 1/2"
THK GALV STL BARS AS TO PROPERLY ALIGN AND
NOT CONFLICT WITH BARS IN ADJACENT PANELS.

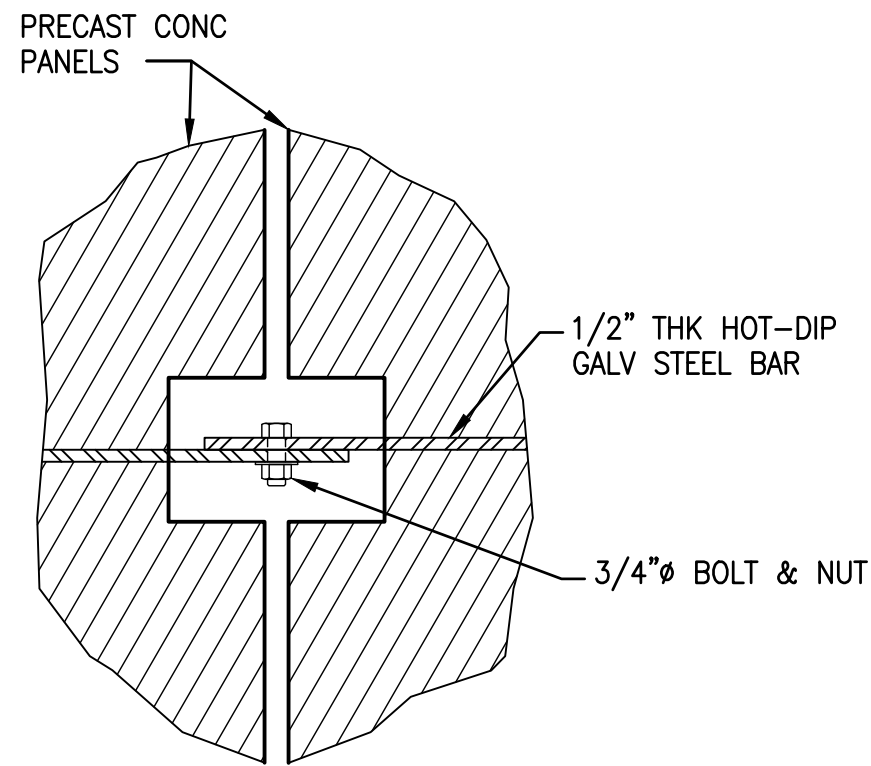


B SECTION-PRECAST CONCRETE END PANEL P5
S2.2 SCALE: 1"=1'-0"



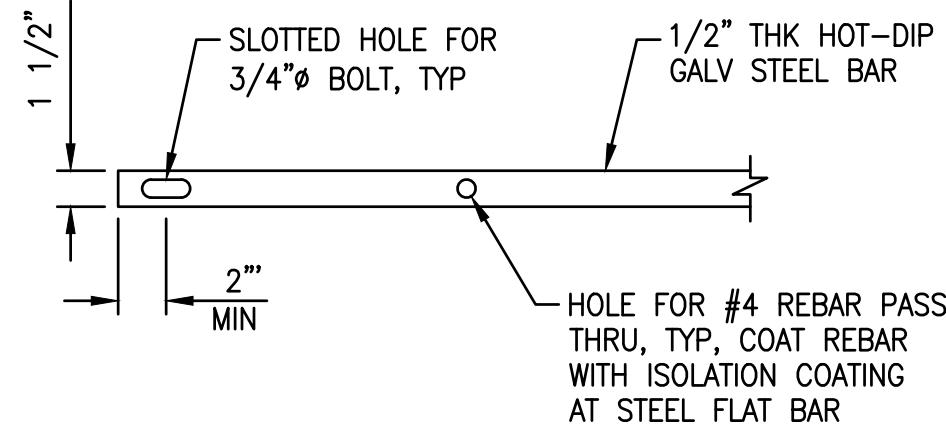
REVISIONS					DESIGNED BY: J. STRUB			SCALE: HORIZ 1"=10' VERT NOTE: 1"=1' IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY		728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741-3800	PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT		SHEET NO. S2.2
NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN	SHEET TITLE: PRECAST CONCRETE PANEL DETAILS							
					CHECKED BY: W. AHN								
					DATE: 08/28/2026								
					PROJECT NO: 24-23-014								

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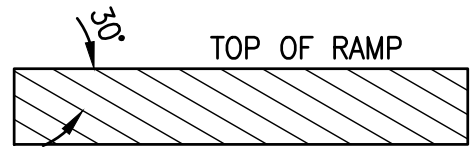


NOTE:
1. CONCRETE PANEL CONNECTION TO BE FILLED WITH GROUT AFTER PANEL INSTALLATION.

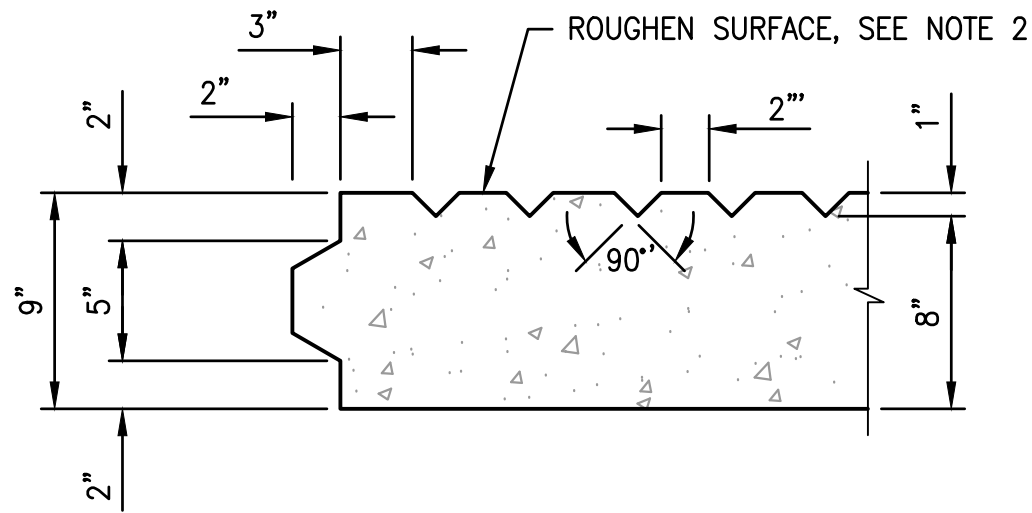
1
S2.1
DETAIL-CONCRETE PANEL CONN
SCALE: 1 1/2"=1'-0"



2
S2.1
DETAIL-BAR
SCALE: 1 1/2"=1'-0"

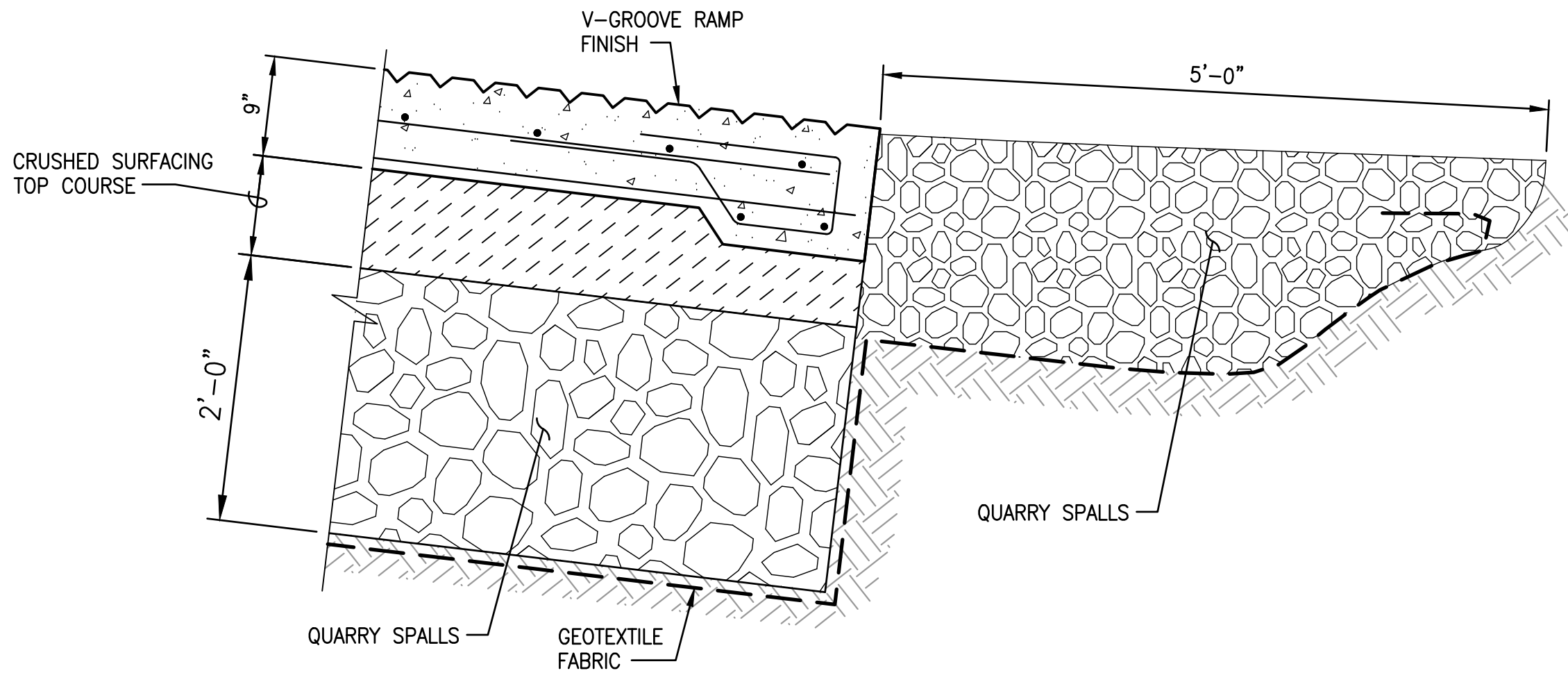


TYPICAL V-GROOVE PATTERN ORIENTATION

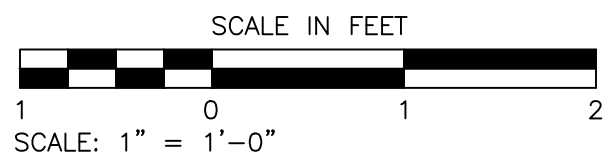
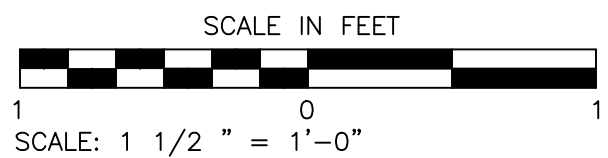


NOTE2:
1. FOR V-GROOVE SURFACE, CLEAR COVER MEASURED FROM BOTTOM OF V-GROOVE.
2. ROUGHEN V-GROOVE SURFACE WITH A MEDIUM BROOM FINISH OR AN ALTERNATIVE ROUGHENED SURFACE APPROVED BY THE CONTRACTING AGENCY.

3
S2.1
DETAIL-TYPICAL V-GROOVE RAMP FINISH
SCALE: 1 1/2"=1'-0"

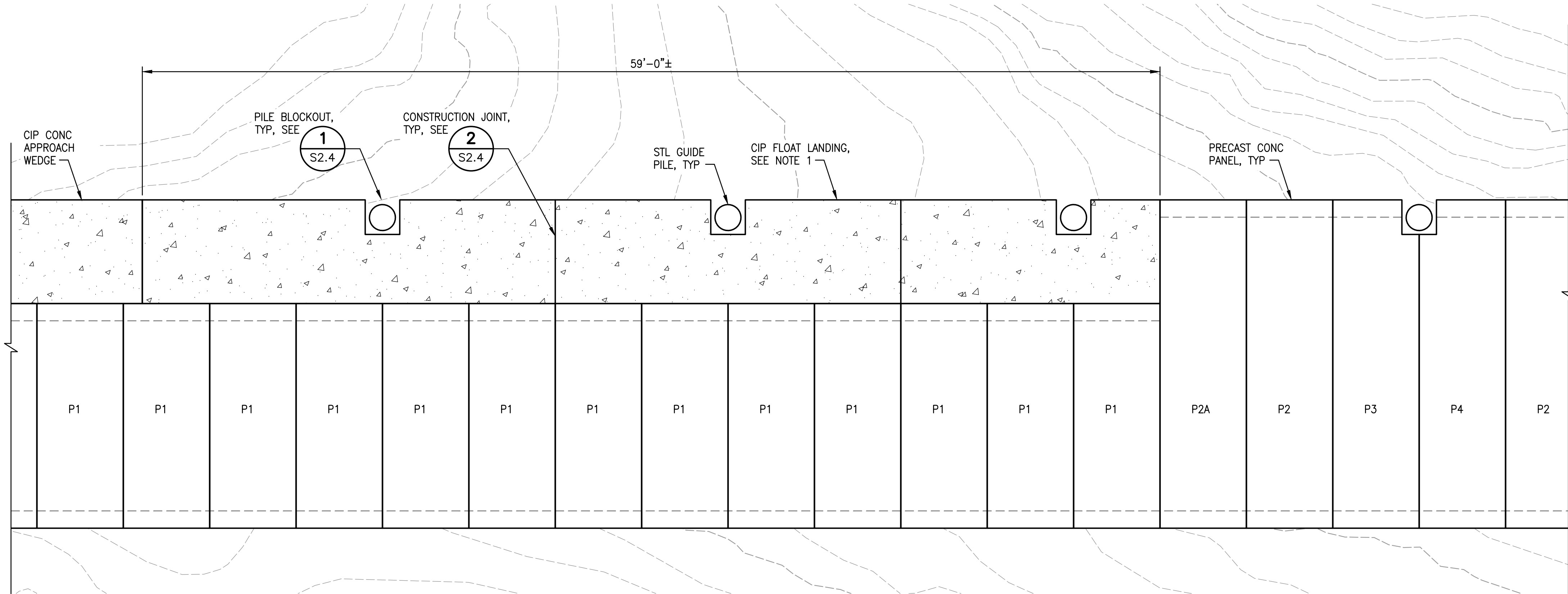


4
C1.0
DETAIL-RAMP END
SCALE: 1"=1'-0"



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NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN					SHEET TITLE:			
					CHECKED BY: W. AHN								
					DATE: 08/28/2026								
					PROJECT NO: 24-23-014								

Sep. 02, 2026 - 12:29pm
d:\projects\1962 - dougs1962
H:\24WA\2023\014 PPT Herb Beck Marina Boat Launch Replacement\Drafting\Design - CAD 2019\314-S24.dwg Layout Name: S2.4

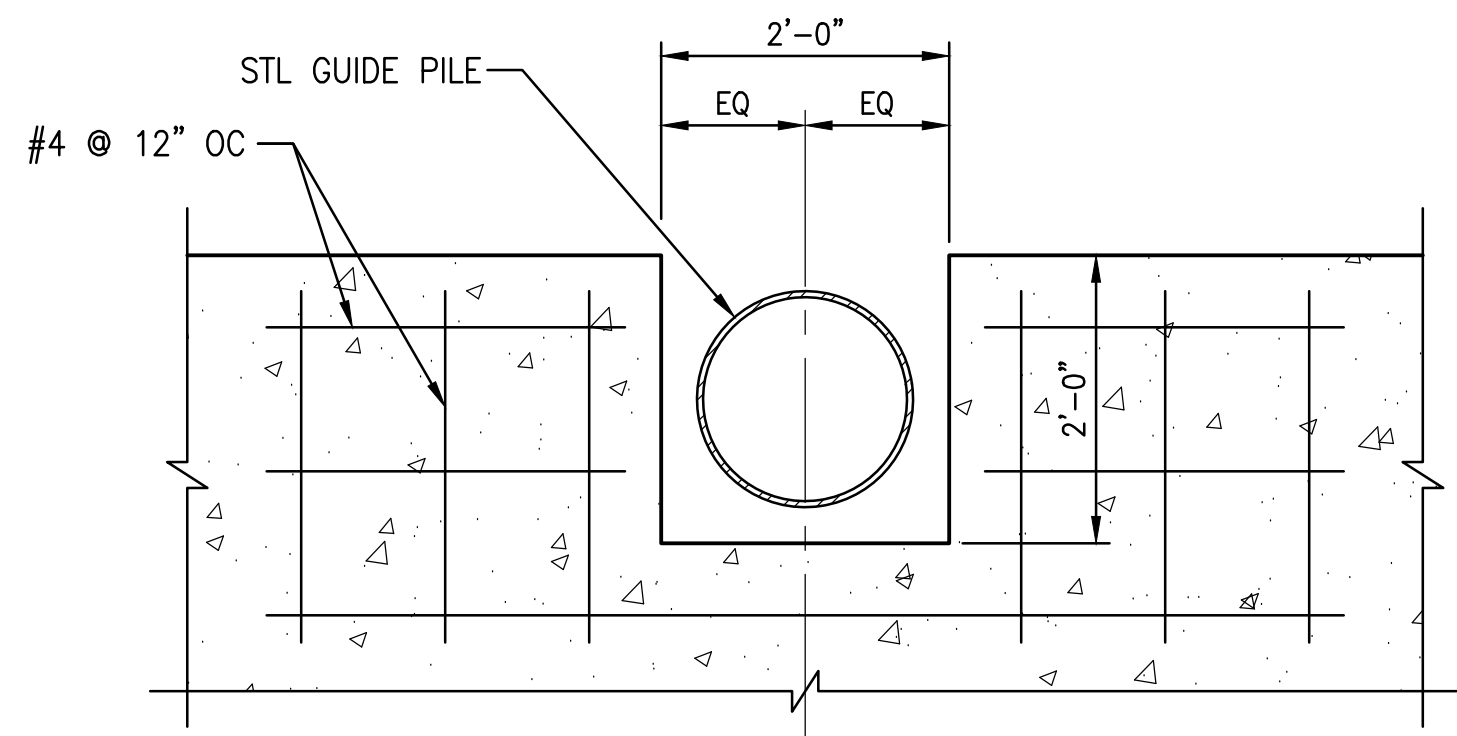


CIP FLOATING LANDING PLAN

SCALE: 1/4"=1'-0"

NOTE:

1. FINISH ALL CIP CONCRETE SURFACES WITH A MEDIUM BROOM FINISH APPLIED PERPENDICULAR TO THE DIRECTION OF TRAFFIC. FINISH SHALL BE APPLIED IMMEDIATELY AFTER FLOATING AND BEFORE THE CONCRETE HAS SET, LEAVING A UNIFORM, NON-SLIP TEXTURE.

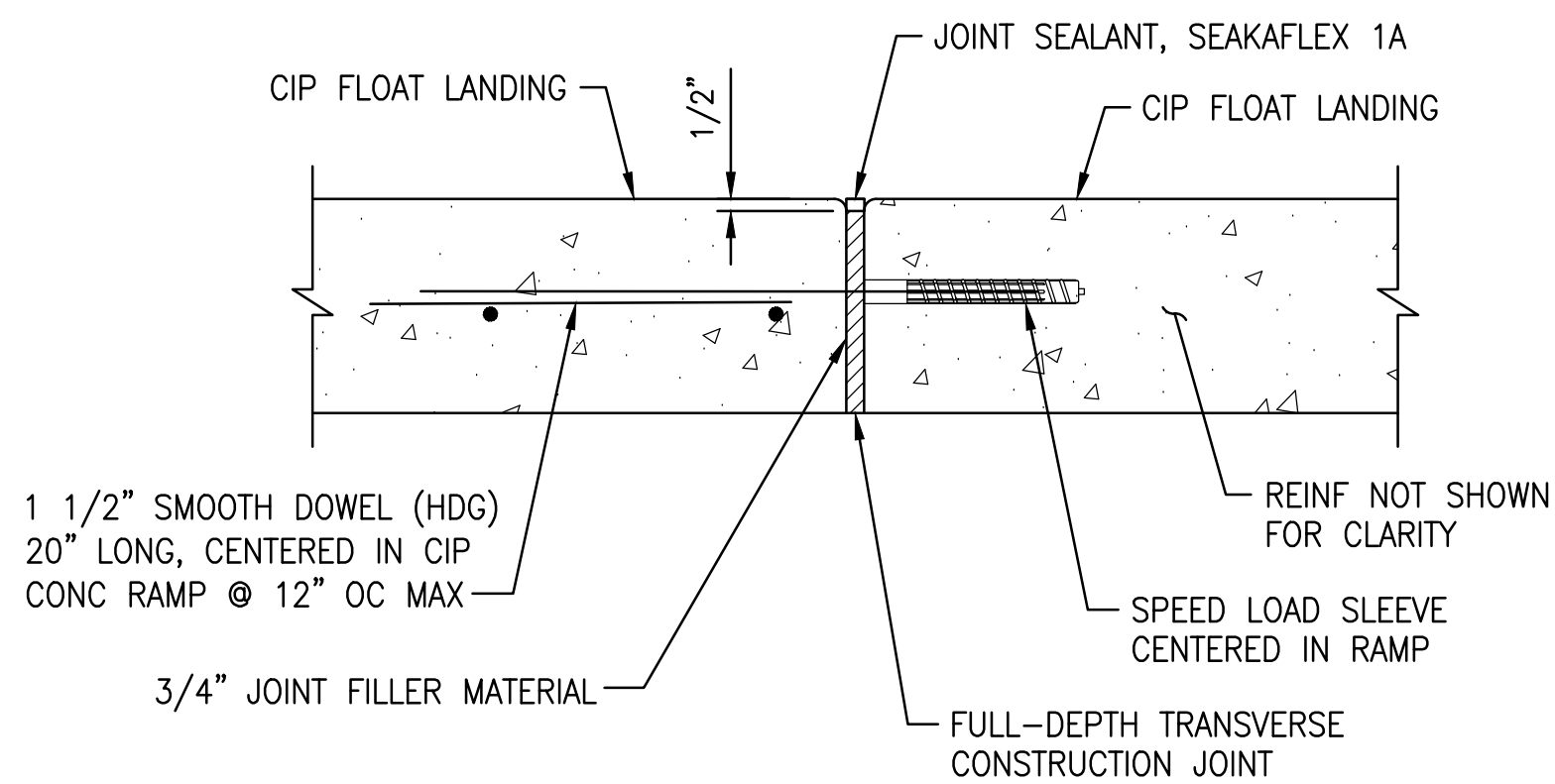


1

DETAIL-PILE BLOCKOUT

S2.4

SCALE: 3/4"=1'-0"

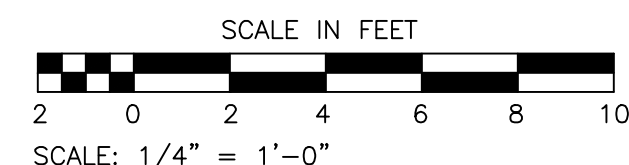
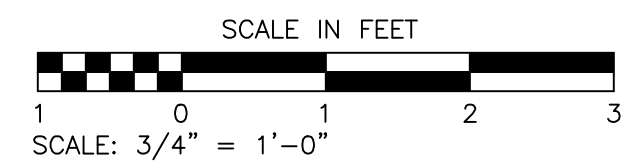
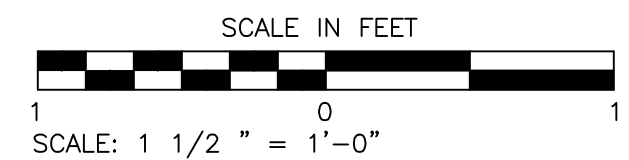


2

SECTION-CONSTRUCTION JOINT (CJ)

S2.4

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



REVISIONS				
NO.	DATE	BY	DESCRIPTION	APP'D

DESIGNED BY: B. McRAE
DRAWN BY: D. OLSEN
CHECKED BY: W. AHN
DATE: 08/28/2026
PROJECT NO: 24-23-014



SCALE:
HORIZ AS NOTED
VERT
NOTE: "L" =
IF "L" DOES NOT
MEASURE 1" ADJUST
SCALES ACCORDINGLY

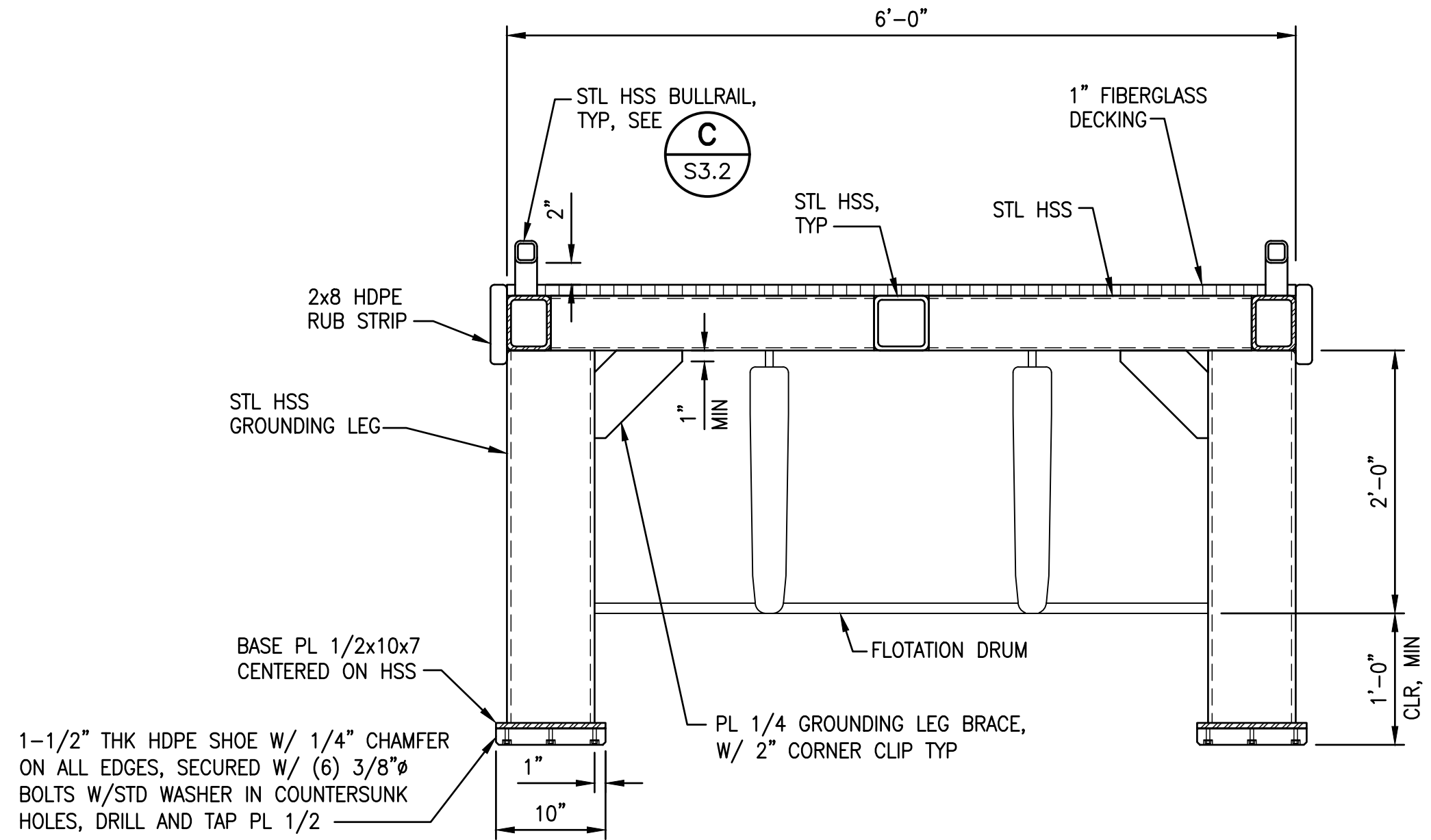
Reid Middleton

728 134th Street SW · Suite 200
Everett, Washington 98204
Ph: 425 741-3800

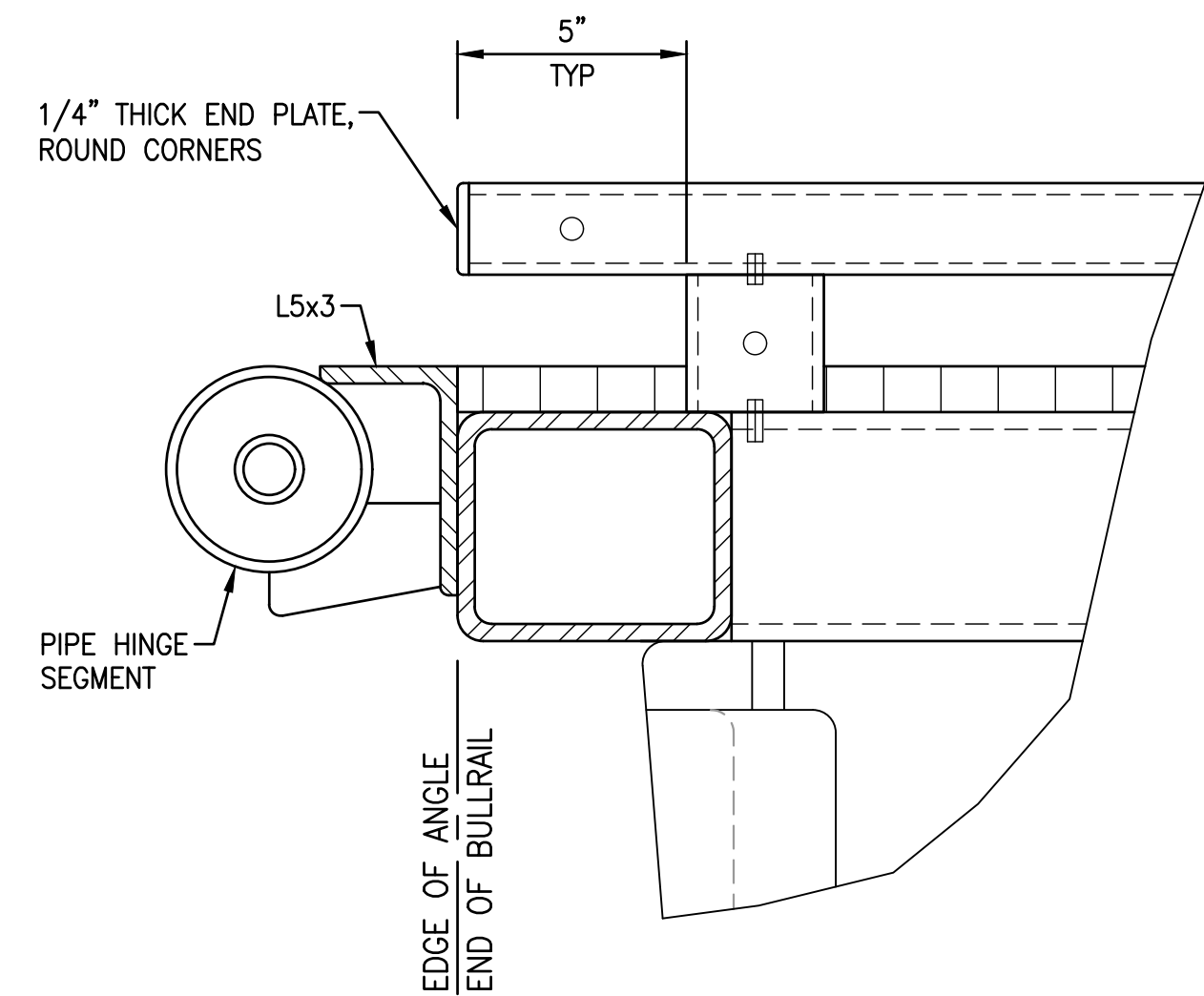
PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT	
SHEET TITLE: CAST-IN-PLACE FLOAT LANDING PLAN AND DETAILS	

SHEET NO. S2.4

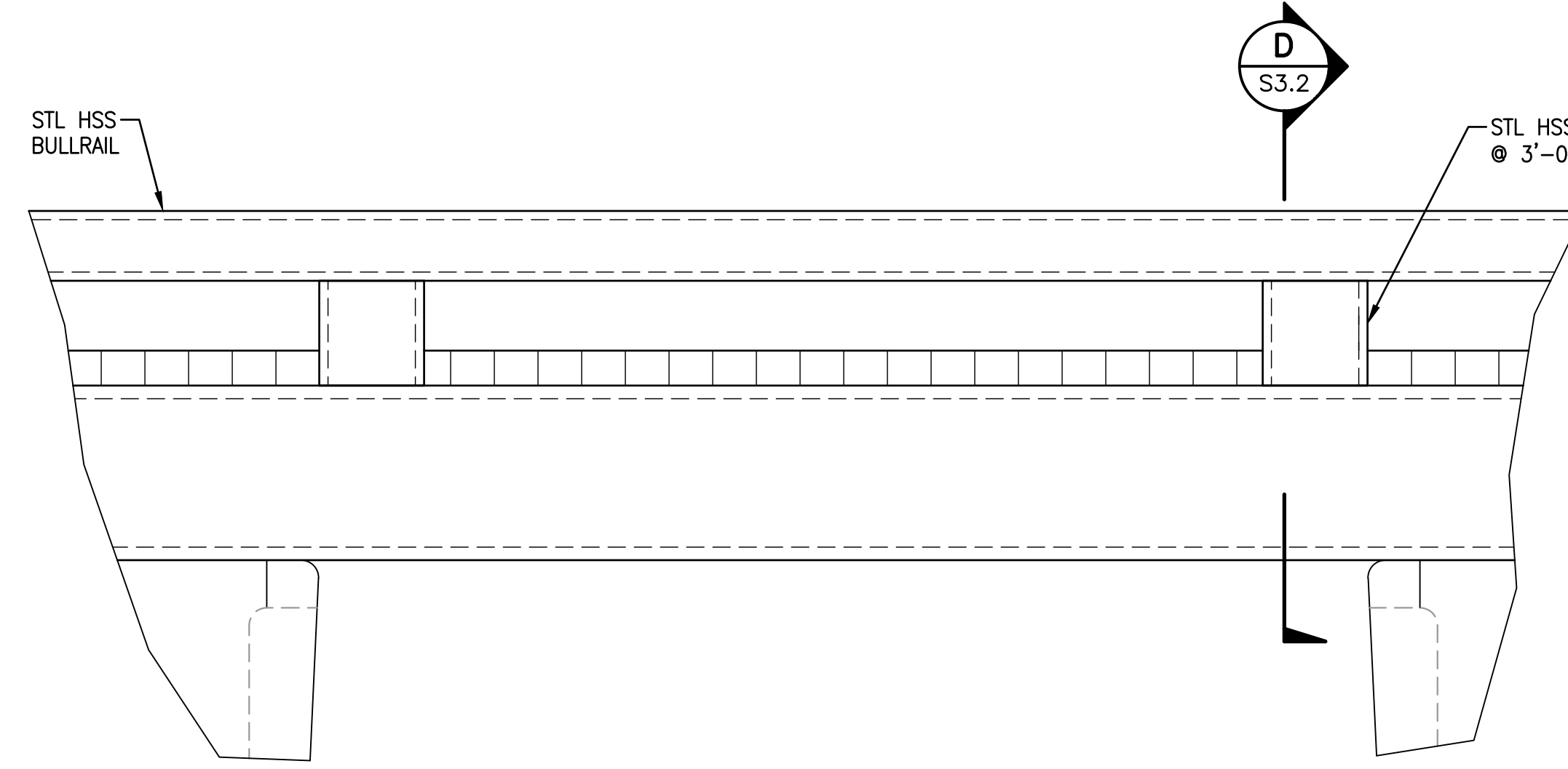
Aug. 27, 2026 - 3:12pm C:\projects\1962 - H\24WA\2023\014 - PPT Herb Beck Marina Boat Launch Replacement\Drafting\Design - CAD 2019\4314-S32.dwg Layout Name: S3.2



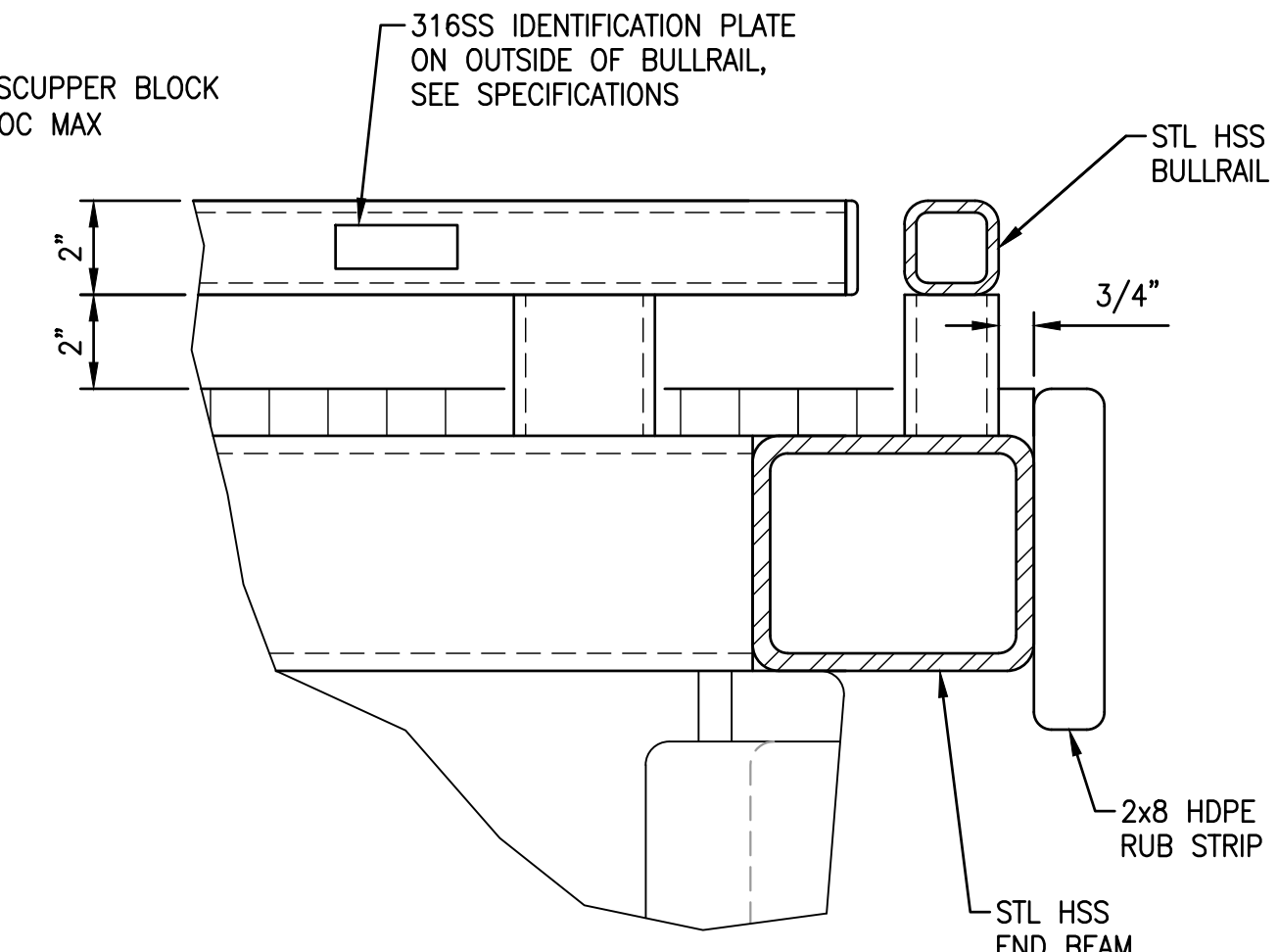
B
S3.1 SECTION—FLOAT WITH FLOTATION TUBS
SCALE: 1"=1'-0"



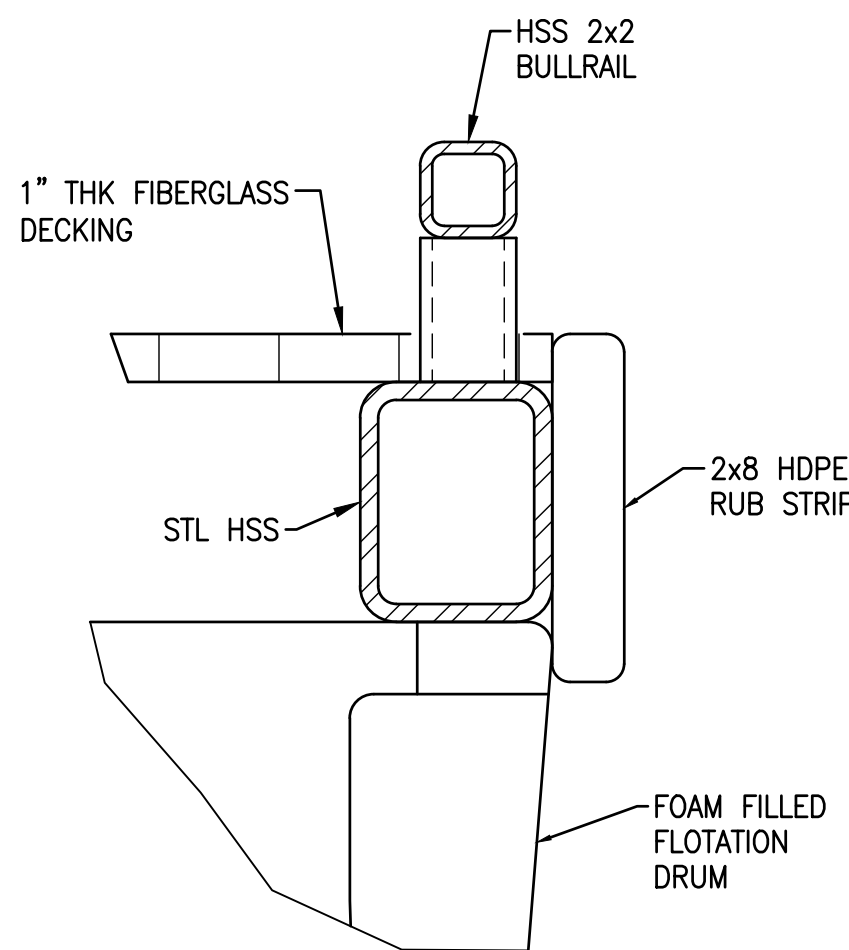
HINGE END



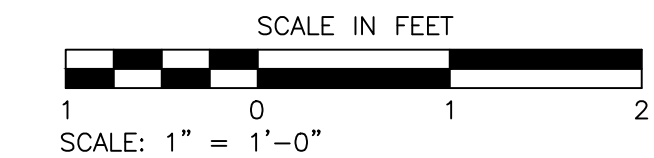
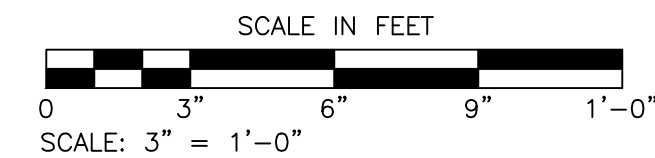
C
S3.2 ELEVATION—BULLRAIL
SCALE: 3"=1'-0"



FLOAT END

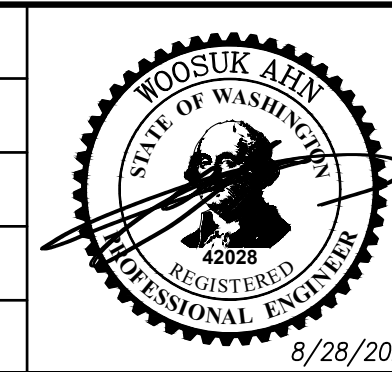


D
S3.2 SECTION—BULLRAIL
SCALE: 3"=1'-0"



REVISIONS				
NO.	DATE	BY	DESCRIPTION	APP'D

DESIGNED BY:
J. STRUB
DRAWN BY:
D. OLSEN
CHECKED BY:
W. AHN
DATE:
08/28/2026
PROJECT NO:
24-23-014



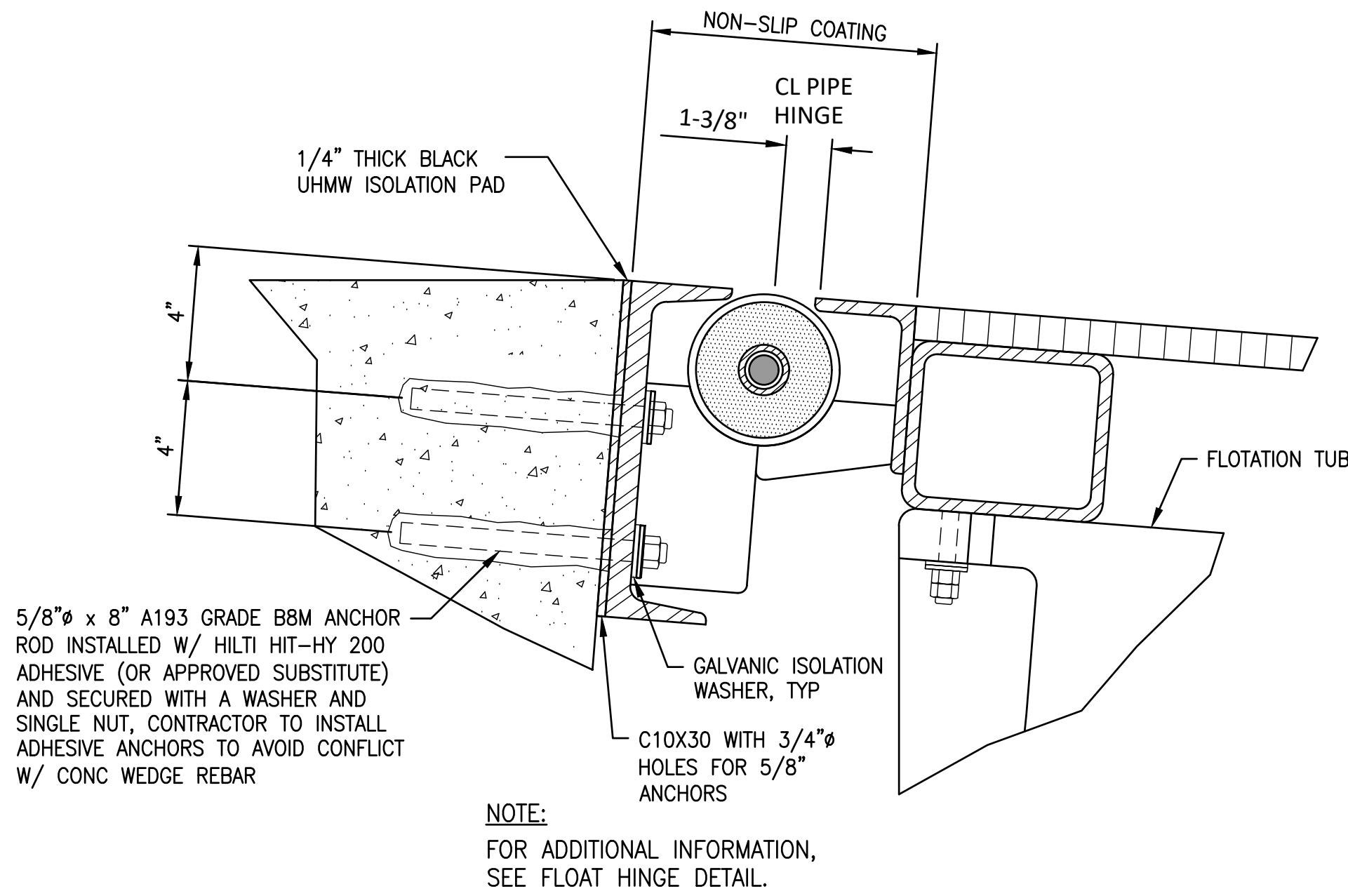
SCALE:
HORIZ 1"=10'
VERT
NOTE: "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY



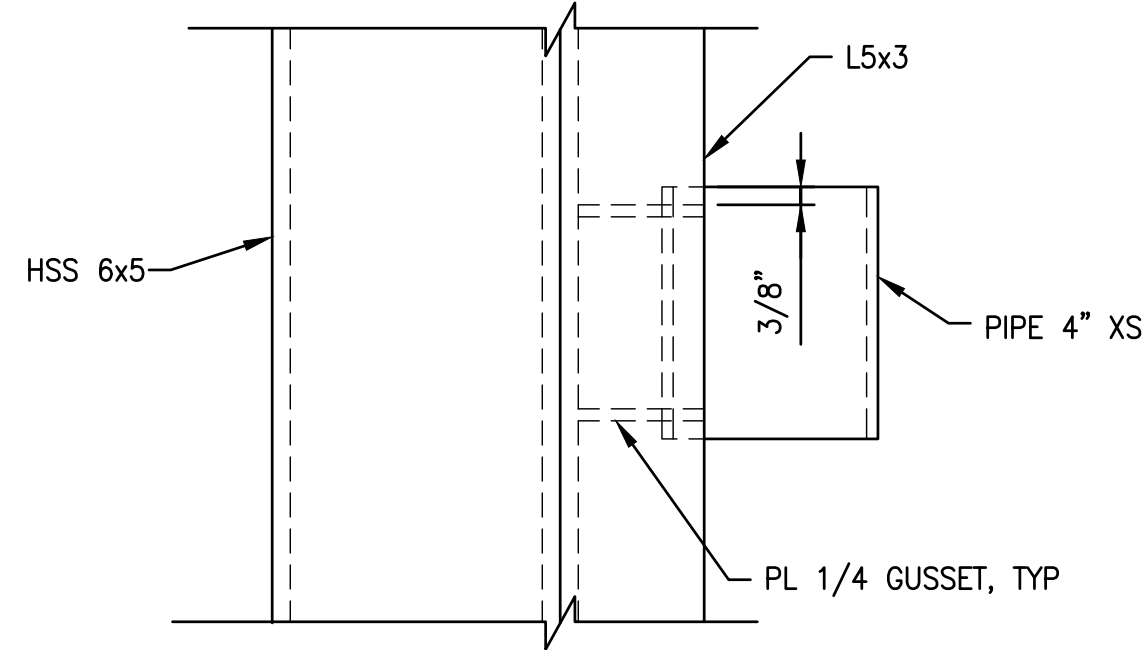
728 134th Street SW · Suite 200
Everett, Washington 98204
Ph: 425 741-3800

PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT	
SHEET TITLE: TYPICAL STEEL FRAME FLOAT SECTION AND ELEVATION	SHEET NO. S3.2

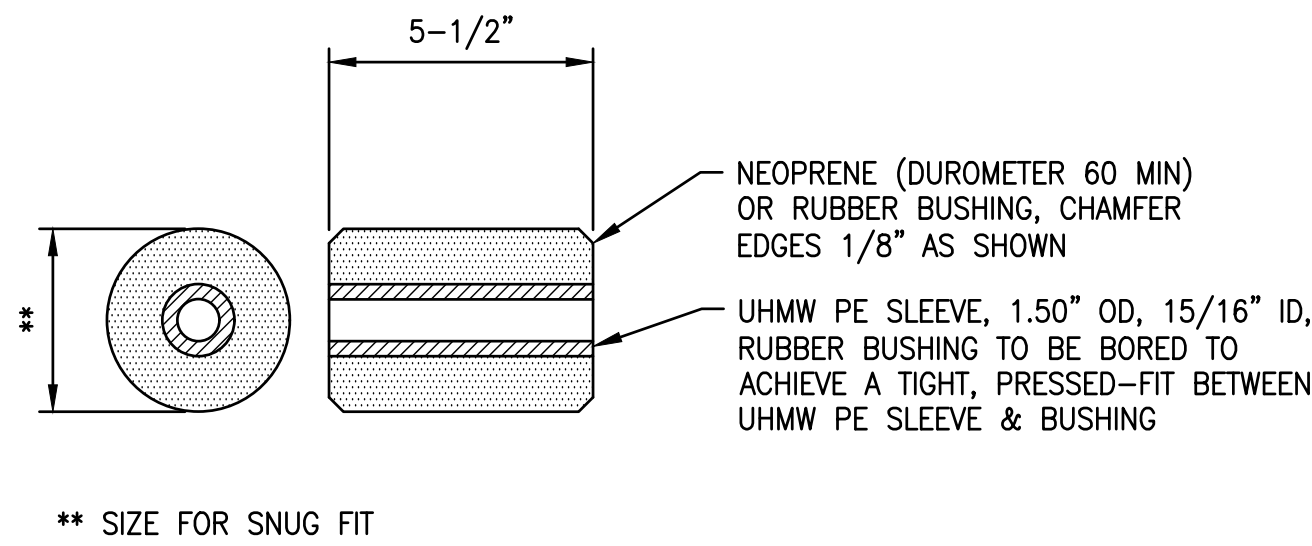
Aug 27, 2026 - 3:12pm - 40pugs1962 - H:\24WA\2023\014 PPT Herb Beck Marina Boat Launch Replacement\Drafting\Design - CAD 2019\4314-S33.dwg - Layout Name: S33



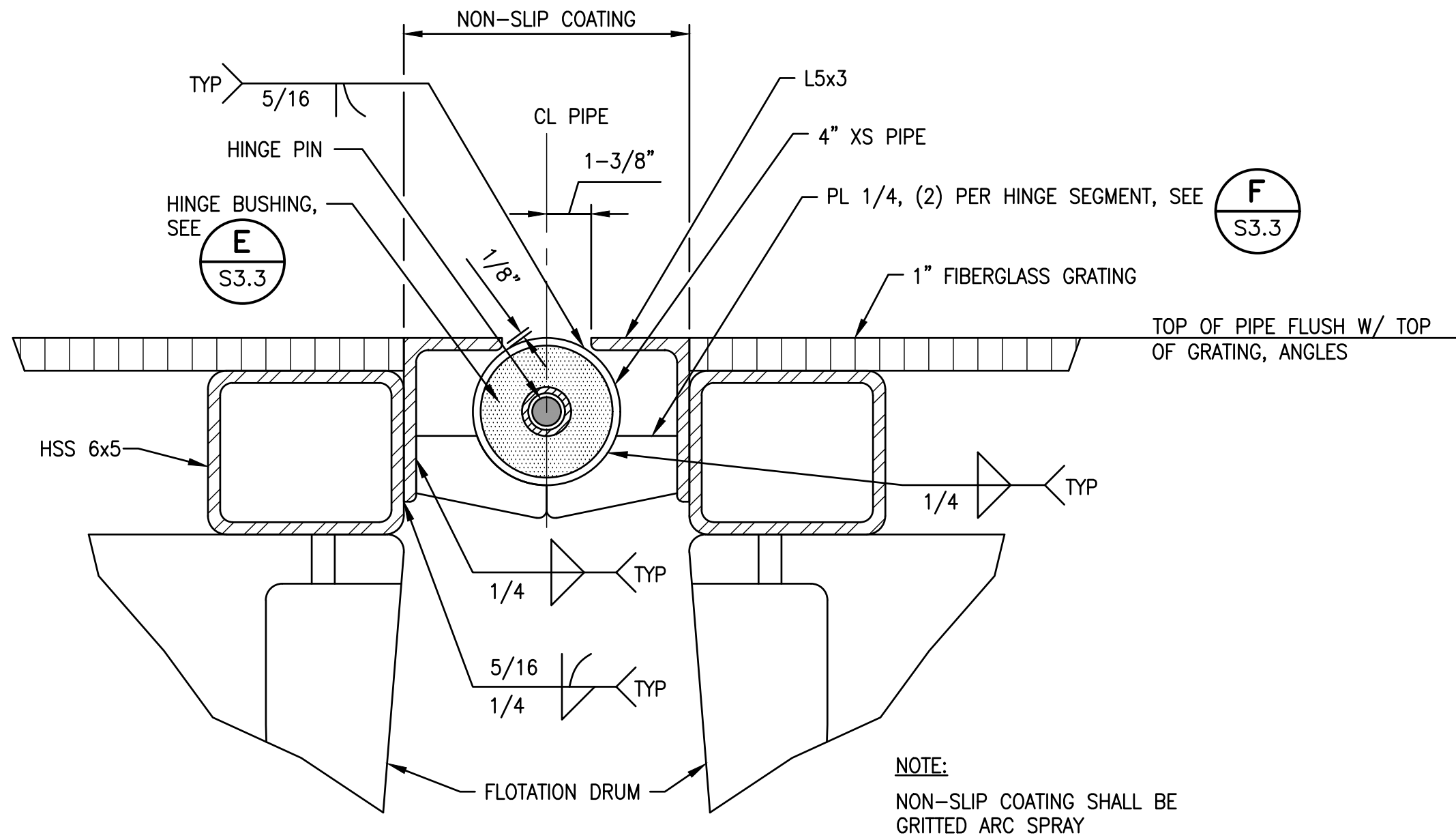
A SECTION-APPROACH WEDGE HINGE
S1.1 SCALE: 3"=1'-0"



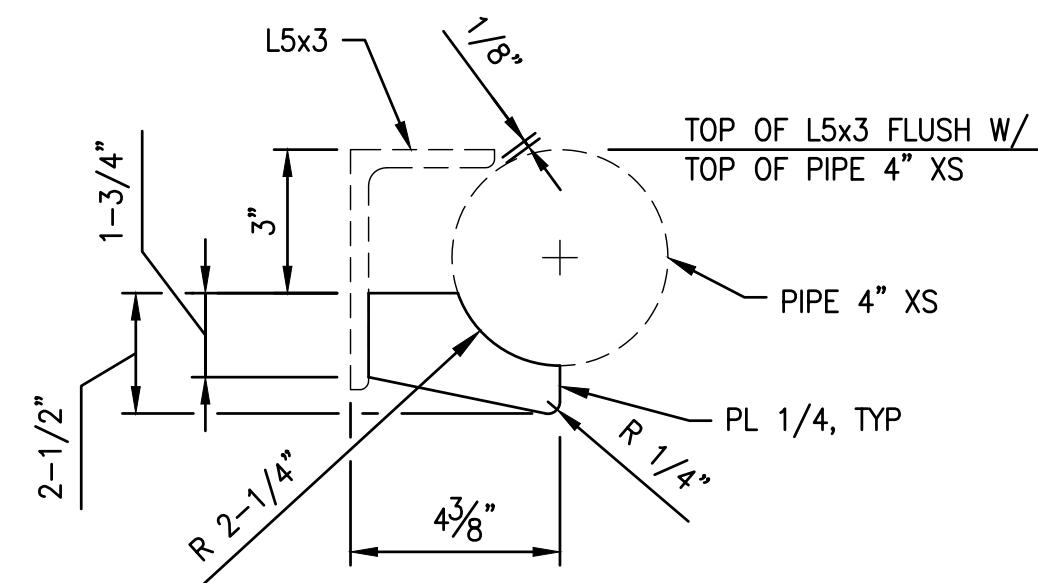
D PLAN-HINGE GUSSET PLATE
S3.3 SCALE: 3"=1'-0"



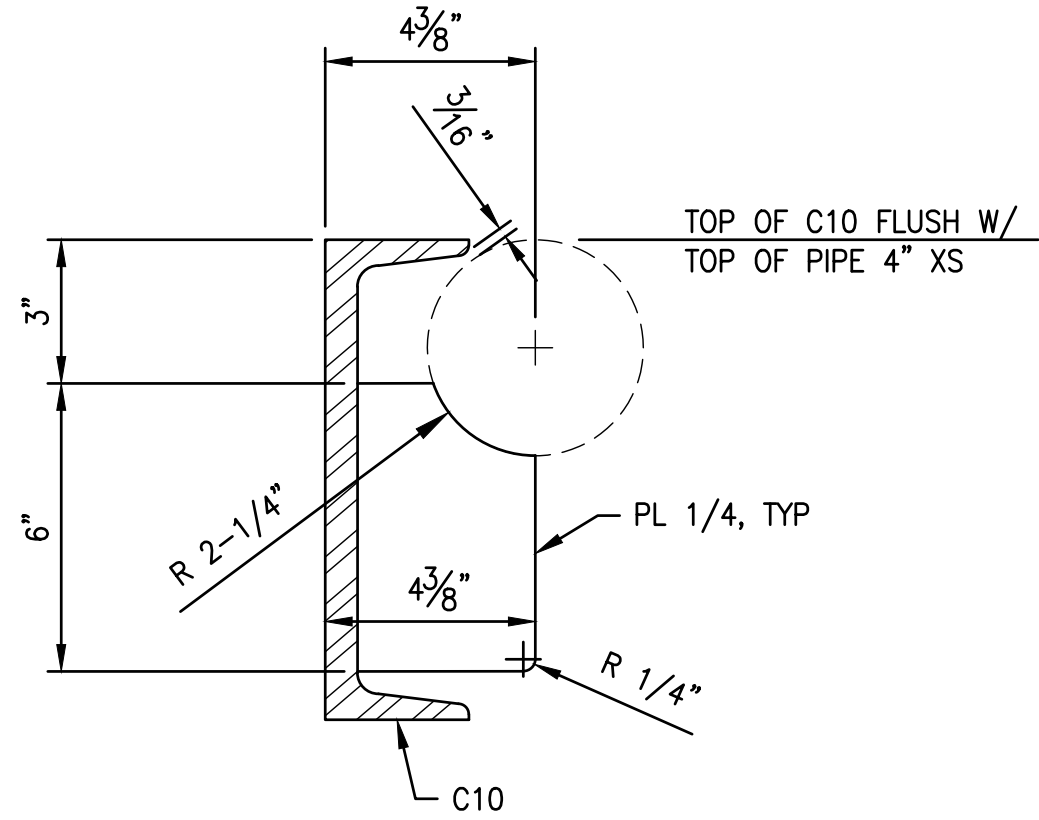
E SECTION-HINGE BUSHING
S3.3 SCALE: 3"=1'-0"



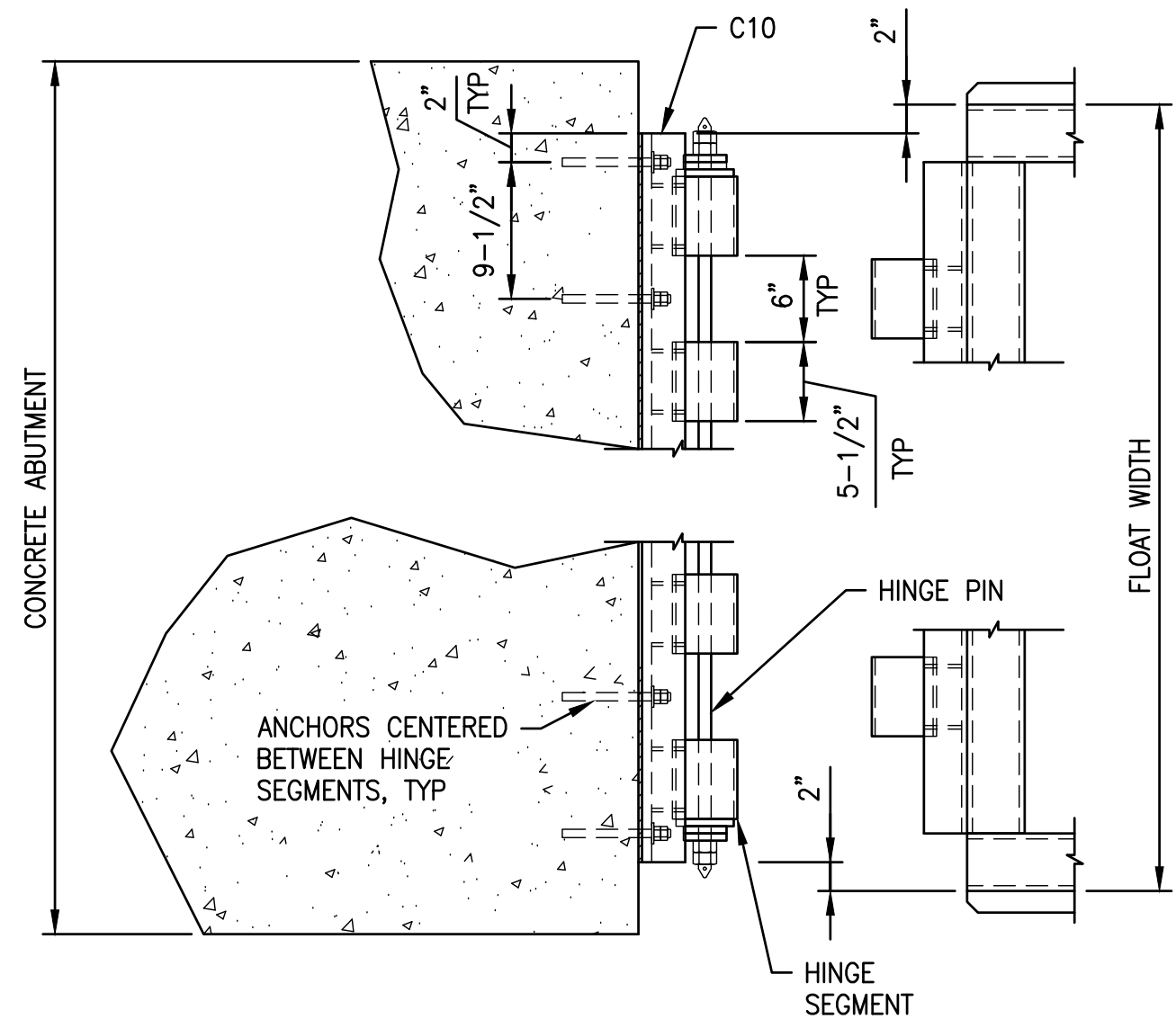
B SECTION-FLOAT HINGE
S3.3 SCALE: 3"=1'-0"



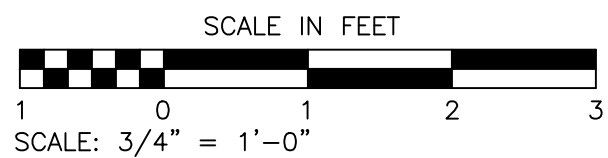
F SECTION-HINGE GUSSET PLATE
S3.3 SCALE: 3"=1'-0"



C SECTION-APPROACH WEDGE GUSSET PLATE
S3.3 SCALE: 3"=1'-0"



1 PLAN-APPROACH WEDGE HINGE
S2.1 SCALE: 1"=1'-0"



REVISIONS					DESIGNED BY: J. STRUB		SCALE: HORIZ 1"=10' VERT NOTE: IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY		728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741-3800	PORT OF PORT TOWNSEND HERB BECK MARINA BOAT LAUNCH REPLACEMENT		SHEET NO. S3.3
NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN					SHEET TITLE:		
					CHECKED BY: W. AHN							
					DATE: 08/28/2026							
					PROJECT NO: 24-23-014							