



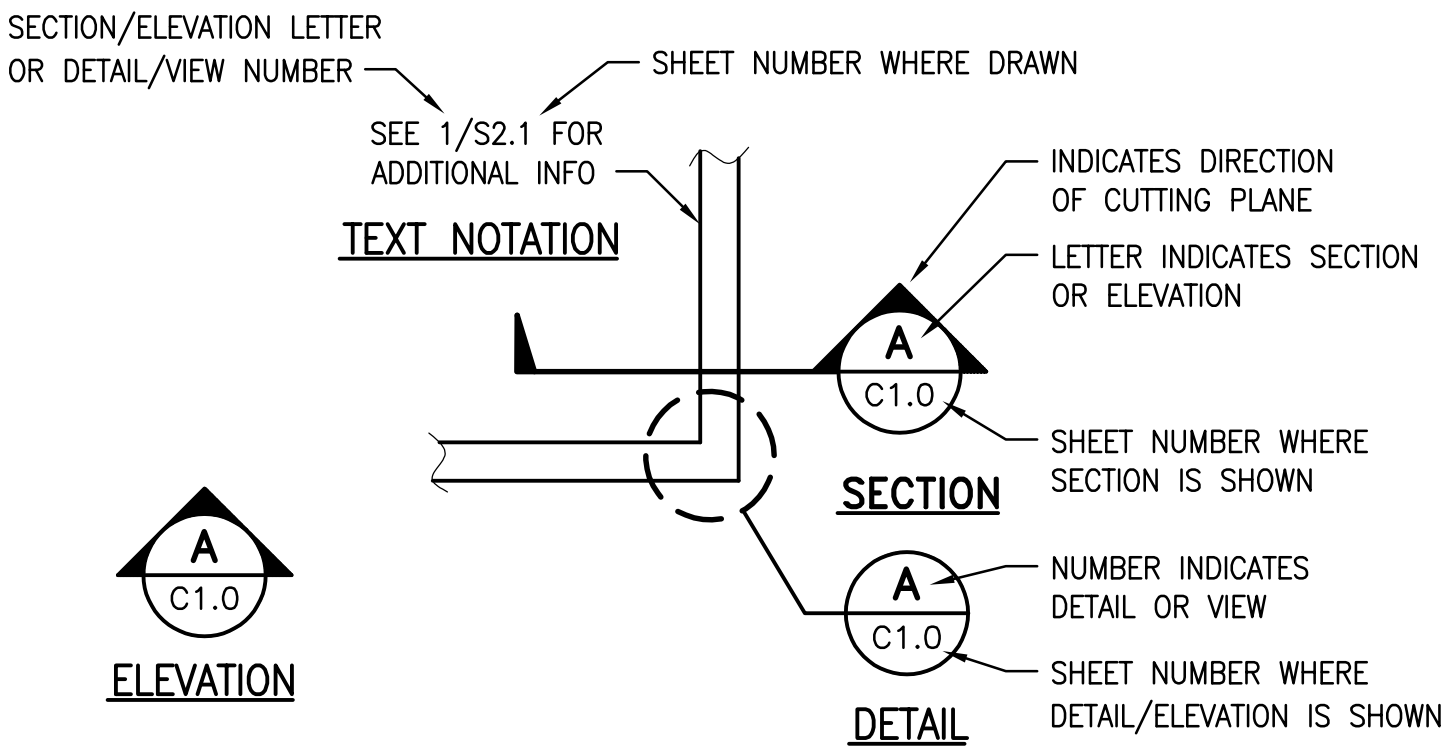
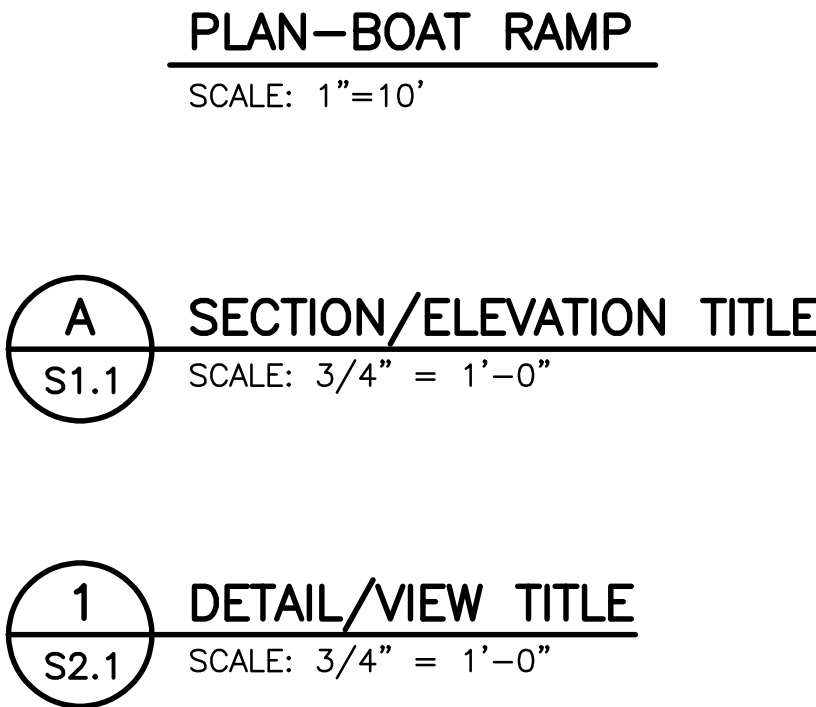
BOAT LAUNCH ROAD, LA CONNER, WA 98257  
SECTION 11, TOWNSHIP 34 NORTH, RANGE 2 EAST  
LATITUDE: 48° 27' 16.60" N  
LONGITUDE: 122° 30' 47.35" W

May 22, 2025 - 4:44pm - bgmc924 - H:\24W\2022\006 Swinomish Channel Boat Launch Renovations\Drafting\Design - CAD\2022\4206-G11.dwg - Layout Name: G11

ABBREVIATIONS

AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS	E	EAST	M	METER	SST	STAINLESS STEEL
AB	ANCHOR BOLT	EA	EACH	MATL	MATERIAL	SOG	SLAB ON GRADE
ABAND	ABANDONED	EF	EACH FACE	MAX	MAXIMUM	SPC	SPACE(ED)(ING)
ABUT	ABUTMENT	EHW	EXTREME HIGH WATER	MB	MAILBOX	SPEC(S)	SPECIFICATION(S)
ACI	AMERICAN CONCRETE INSTITUTE	EJ	EXPANSION JOINT	MECH	MECHANICAL	SQ	SQUARE
ADDL	ADDITIONAL	EL, ELEV	ELEVATION	MFR(S)	MANUFACTURER(S)	SS	SANITARY SEWER
ADJ	ADJUST, ADJACENT	ELB	ELBOW	MH	MANHOLE	SSMH	SANITARY SEWER MANHOLE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	EMB	EMBANKMENT	MHW	MEAN HIGH WATER	ST	STREET
ALIGN	ALIGNMENT	EMBED	EMBEDMENT	MHHW	MEAN HIGHER HIGH WATER	STA	STATION
ALT	ALTERNATE	ENGR	ENGINEER	MIC	MONUMENT IN CASE	STD	STANDARD
ANCH	ANCHOR	EOA	EDGE OF ASPHALT	MIN	MINIMUM	STIFF	STIFFENER
AP	ANGLE POINT	EOD	EDGE OF CONCRETE	MISC	MISCELLANEOUS	STIR	STIRRUP
APPROX	APPROXIMATELY	EOG	EDGE OF DIRT	MJ	MECHANICAL JOINT	STPS	STEPS
APWA	AMERICAN PUBLIC WORKS ASSOCIATION	EP	EDGE OF GRAVEL	MLW	MEAN LOW WATER	STL	STEEL
ARCH	ARCHITECT, ARCHITECTURAL	EQU	EDGE OF PAVEMENT	MLLW	MEAN LOWER LOW WATER	STRUC	STRUCTURAL
ARV	AIR RELIEF VALVE	EQUIP	EQUAL	M/L	MONUMENT LINE	SUPP	SUPPORT
ASPH	ASPHALT	ETC	EQUIPMENT	MON	MONUMENT	SW	SOUTHWEST
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	ETCETERA	ETCETERA	MUTCD	MANUAL ON UNIFORM TR CONTROL DEVICES	S/W	SIDEWALK
AVE	AVENUE	EW	EACH WAY			SYM	SYMMETRICAL, SYMBOL
AVG	AVERAGE	EXC	EXCAVATION	N	NORTH	TB	THRUST BLOCK
		EXIST	EXISTING	NE	NORTHEAST	TAN	TANGENT
		EXP	EXPANSION	NEG	NEGATIVE	T&B	TOP & BOTTOM
		EXT	EXTERIOR, EXTENSION	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC	TBM	TEMPORARY BENCH MARK
			EXTRUDED		NOT IN CONTRACT	TD	TRENCH DRAIN
		EVT	EVERETT	NIC	NOMINAL	TEL	TELEPHONE
				NOM	NOT TO SCALE	TEMP	TEMPORARY
BLDG	BUILDING	FF	FAR FACE, FINISH FLOOR	NTS	NUMBER	THK	THICK(NESS)
BLK	BLOCK, BLOCKING	FG	FINISH GRADE	NW	NORTHWEST	THRU	THROUGH
BLVD	BOULEVARD	FH	FIRE HYDRANT			TMH	TELEPHONE MANHOLE
BOC	BACK OF CURB	FIG	FIGURE	OC	ON CENTER	TOC	TOP OF CURB
BOW	BACK OF WALK	FIN	FINISH, FINISHED	OD	OUTSIDE DIAMETER	TOE	CONCAVE SLOPE BREAK
BOL	BOLLARD	FLR	FLOOR	OHW	ORDINARY HIGH WATER	TOP	CONVEX SLOPE BREAK
BM	BEAM, BENCH MARK	FM	FORCE MAIN	OPNG	OPENING	TOPO	TOPOGRAPHY
BNSF	BURLINGTON NORTHERN	FNC	FENCE	OPP	OPPOSITE	TOT	TOTAL
BOT	BOTTOM	FOC	FACE OF CURB	OT	OVERHEAD TELEPHONE	TOW	TOP OF WALL
BRDG	BRIDGE	FOW	FACE OF WALL			TP	TEST PIT
BRG	BEARING	FT	FEET/FOOT	P	POLE, POWER	TRAN	TRANSITION
BRK	BREAK	FTG	FOOTING	PAR	PARALLEL	TRANSV	TRANSVERSE
BTWN	BETWEEN			PC	PRECAST	TR	TELEPHONE RISER
				PCF	POUNDS PER CUBIC FOOT	TUN	TUNNEL
C	CAMBER, CHANNEL	G	GAS LINE	PEN	PENETRATION	TV	TELEVISION
CAL	CALIPER	GAL	GALLON	PED	PEDESTRIAN	TWST	TWISTED
CANT	CANTILEVER	GALV	GALVANIZED	PERP	PERPENDICULAR	TYP	TYPICAL
CB	CATCH BASIN	GB	GRADE BREAK	PI	POINT OF INTERSECTION		
CB1	CATCH BASIN TYPE 1	GE	GRATE ELEVATION	PL, PL	PLATE	UHMW	ULTRA HIGH MOLECULAR WEIGHT
CB2	CATCH BASIN TYPE 2	GEN	GENERAL	PNC	POINT OF CONNECTION	UG	UNDERGROUND
CF	CUBIC FEET	GM	GAS METER	PROP	PROPERTY	UP	UTILITY POLE
CG	CURB & GUTTER	GR	GUARD RAIL	PRV	PRESSURE REDUCING VALVE	UPA	UTILITY POLE ANCHOR
COG	CENTER OF GRAVITY	GRD	GRADE	PS	PRESTRESS	UTIL	UTILITY
CI	CAST IRON	GRND	GROUND	PSF	POUNDS PER SQUARE FOOT	V	VALVE
CICL	CAST IRON CONCRETE LINED	GV	GAS VALVE	PSI	POUNDS PER SQUARE INCH	VAR	VARIES
				PT	POINT OF TANGENT	VERT	VERTICAL
CIP	CAST IN PLACE	H	HEIGHT	PUD	PUBLIC UTILITY DISTRICT	VLT	VAULT
CJ	CONSTRUCTION JOINT	HDCP	HANDICAP		#1 OF SNOHOMISH CNTY		
CLF	CHAIN LINK FENCE	HDG	HOT DIPPED GALV	PVC	POLYVINYL CHLORIDE	W	WIDTH, WATER LINE, WEST
C/L, C <sub>L</sub>	CENTERLINE	HK	HOOK	PVMT	PAVEMENT	W/	WITH
CLR	CLEAR(ANCE)	HORIZ	HORIZONTAL	P/L	PROPERTY LINE	WD	WOOD
CMP	CORRUGATED METAL PIPE	HP	HIGH POINT			WHSE	WAREHOUSE
		HSE	HOUSE	QTY	QUANTITY	WM	WATER METER, WATERMAIN
CMU	CONC MASONRY UNIT	HT	HEIGHT			WP	WORK POINT
CNTY	COUNTY			R	RADIUS	WT	WEIGHT
CO	CLEAN OUT	ID	INSIDE DIAMETER	RC	REINF CONC	WV	WATER VALVE
COL	COLUMN	IE	INVERT ELEVATION	RD	ROOF DRAIN	WWF	WELDED WIRE FABRIC
COM	COMMON	IF	INSIDE FACE	REF	REFERENCE	Y	
CONC	CONCRETE	J	ISOLATION JOINT	REINF	REINFORCE(D)(MENT)(ING)	YD	YARD DRAIN
CONN	CONNECT, CONNECTION	IN	INCH/INCHES	REQD	REQUIRED		
CONST	CONSTRUCT, CONSTRUCTION	INCL	INCLUDE	RET	RETAINING		
CONT	CONTINUED/CONTINUOUS	INFO	INFORMATION	RETW	RETAINING WALL		
CONTR	CONTRACTOR	INST	INSTALL	RMC	RIGID METAL CD		
COORD	COORDINATE	INSUL	INSULATION	RR	RAILROAD		
CTR	CENTER, CENTERED	INT	INTERIOR, INTERMEDIATE	RT	RIGHT		
CU	CUBIC	INV	INVERT	R/W	RIGHT OF WAY		
CULV	CULVERT	IP	IRON PIPE				
CY	CUBIC YARD			S	SOUTH, SLOPE		
CYL	CYLINDER	JB	JUNCTION BOX	SB	SOIL BORING		
		JT(S)	JOINT(S)	SCHED	SCHEDULE		
DBL	DOUBLE	K	KIP (1,000 LB)	SD	STORM DRAIN		
DDCV	DOUBLE DETECTOR CHECK VAVLE	KSF	KIPS PER SQUARE FOOT	SDMH	STORM DRAIN MANHOLE		
DEMO	DEMOLISH, DEMOLITION	KSI	KIPS PER SQUARE INCH	SE	SPOT EL/ SOUTHEAST		
DEG	DEGREE			SECT	SECTION		
DET	DETAIL	L	LENGTH, ANGLE	SERV	SERVICE		
DI	DUCTILE IRON	LB	FOOT POUNDS	SHLDR	SHOULDER		
DIA	DIAMETER	LBS	POUNDS	SHT	SHEET		
DIAG	DIAGONAL	LF	LINEAL FOOT/FEET	SIM	SIMILAR		
DIAPH	DIAPHRAGM	LL	LIVE LOAD	S/L	SURVEY LINE		
DICA	DRILLED-IN CONCRETE ANCHOR	LONGIT	LONGITUDINAL				
		LP	LOW POINT				
DIM	DIMENSION	LSH	LONG SLOTTED HOLE				
DL	DEAD LOAD	LT	LEFT				
DN	DOWN	LUMIN	LUMINAIRE				
DS	DOWN SPOUT						
D/W	DRIVEWAY						
DWG(S)	DRAWING(S)						
DWL	DOWEL						

TITLES



SECTION/ELEVATION/DETAIL/VIEW LABELS

SECTION/ELEVATION/DETAIL/VIEW IDENTIFIERS

100% SUBMITTAL

R E V I S I O N S					DESIGNED BY: J. STRUB		SCALE: HORIZ NO SCALE VERT		728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741-3800	SKAGIT COUNTY PARKS & RECREATION SWINOMISH CHANNEL BOAT LAUNCH RENOVATION		SHEET NO.
NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN		NOTE: 			ABBREVIATIONS AND SYMBOLS		G1.1
					CHECKED BY: W. AHN							
					DATE: 05/23/25							
					PROJECT NO: 24-22-006							



## GENERAL

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

## G1.2

May 22, 2025 - 4:54pm  
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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 <sup>1</sup>	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 <sup>2</sup>	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.

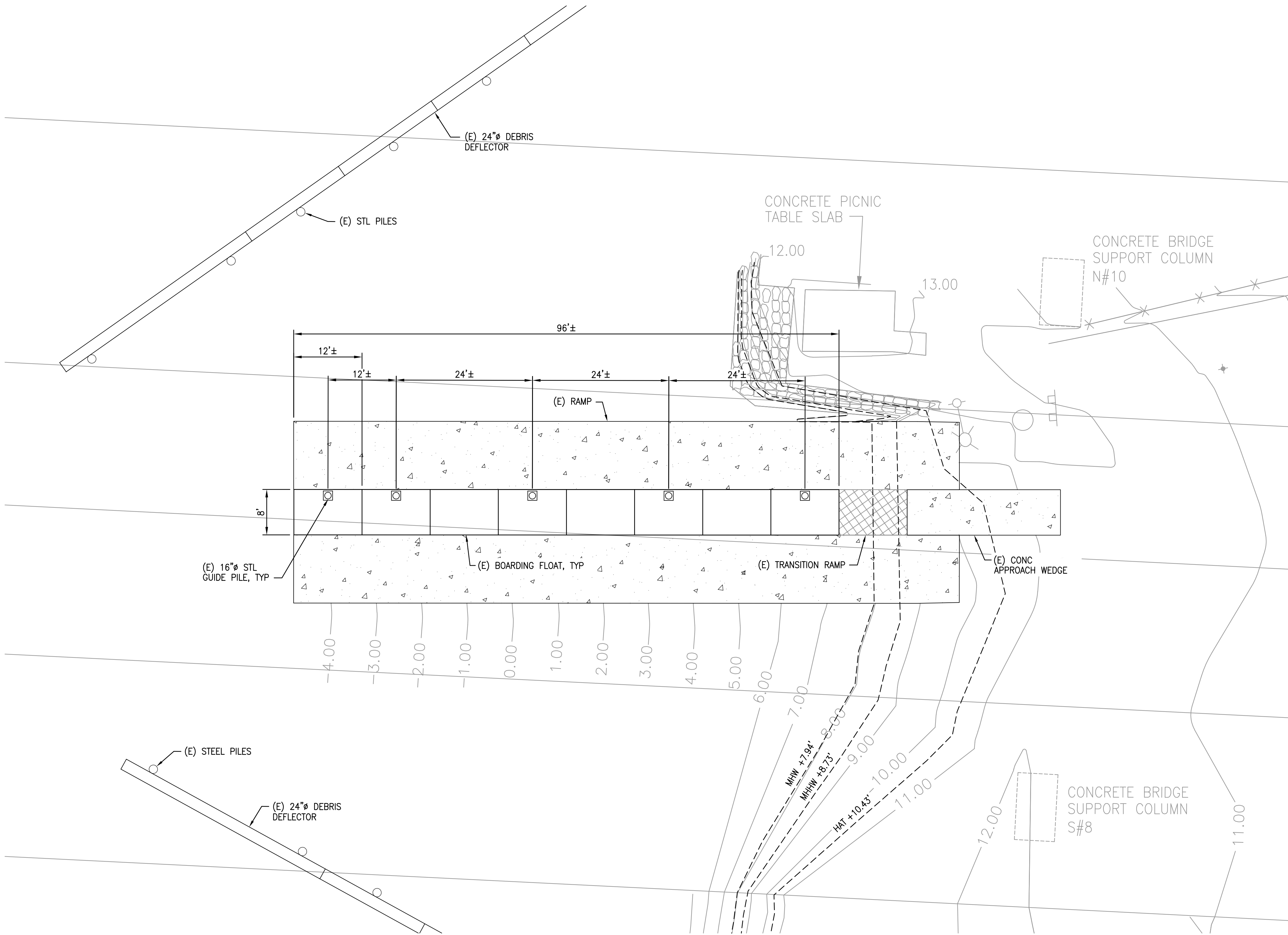
BOLTING

INSPECTION TASKS PRIOR TO BOLTING			REFERENCED STANDARD	IBC REFERENCE
INSPECTION TASKS PRIOR TO BOLTING	QC	QA	AISC 360 CH. N	1705.2.1
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	O	P		
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	O	O		
PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	O	O		
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	O		
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	O		
PRE–INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	P	O		
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	O	O		
INSPECTION TASKS DURING BOLTING			REFERENCED STANDARD	IBC REFERENCE
INSPECTION TASKS DURING BOLTING	QC	QA	AISC 360 CH. N	1705.2.1
FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	O	O		
JOINT BROUGHT TO THE SNUG–TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	O	O		
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	O		
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	O	O		
INSPECTION TASKS AFTER BOLTING			REFERENCED STANDARD	IBC REFERENCE
INSPECTION TASKS AFTER BOLTING	QC	QA	AISC 360 CH. N	1705.2.1
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	P	P		

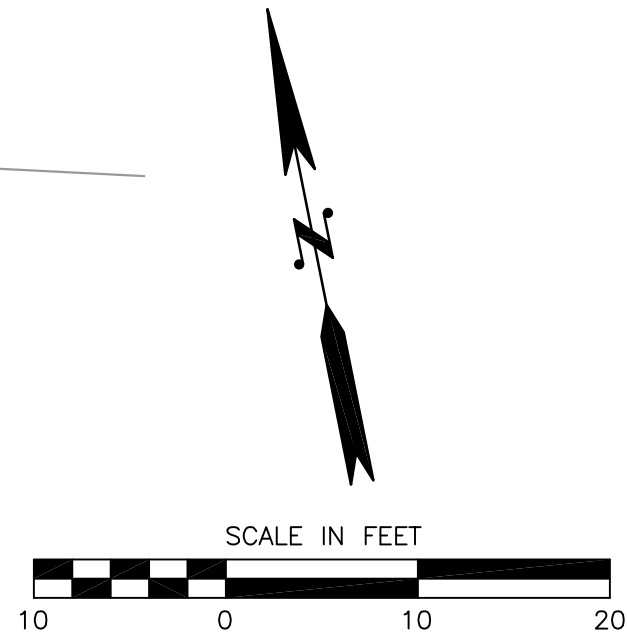
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R E V I S I O N S					DESIGNED BY: J. STRUB		SCALE: HORIZ _____ NO SCALE VERT _____		728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741–3800	SKAGIT COUNTY PARKS & RECREATION SWINOMISH CHANNEL BOAT LAUNCH RENOVATION		SHEET NO.
NO.	DATE	BY	DESCRIPTION	APP'D	DRAWN BY: D. OLSEN		NOTE:  "1" = 1'			SPECIAL INSPECTION SCHEDULE		G1.3
					CHECKED BY: W. AHN							
					DATE: 05/23/25							
					PROJECT NO: 24–22–006							

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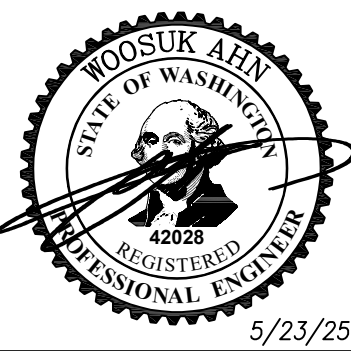


**EXISTING CONDITIONS PLAN**  
SCALE: 1"=10'



REVISIONS				
NO.	DATE	BY	DESCRIPTION	APP'D

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DRAWN BY: D. OLSEN
CHECKED BY: W. AHN
DATE: 05/23/25
PROJECT NO: 24-22-006



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

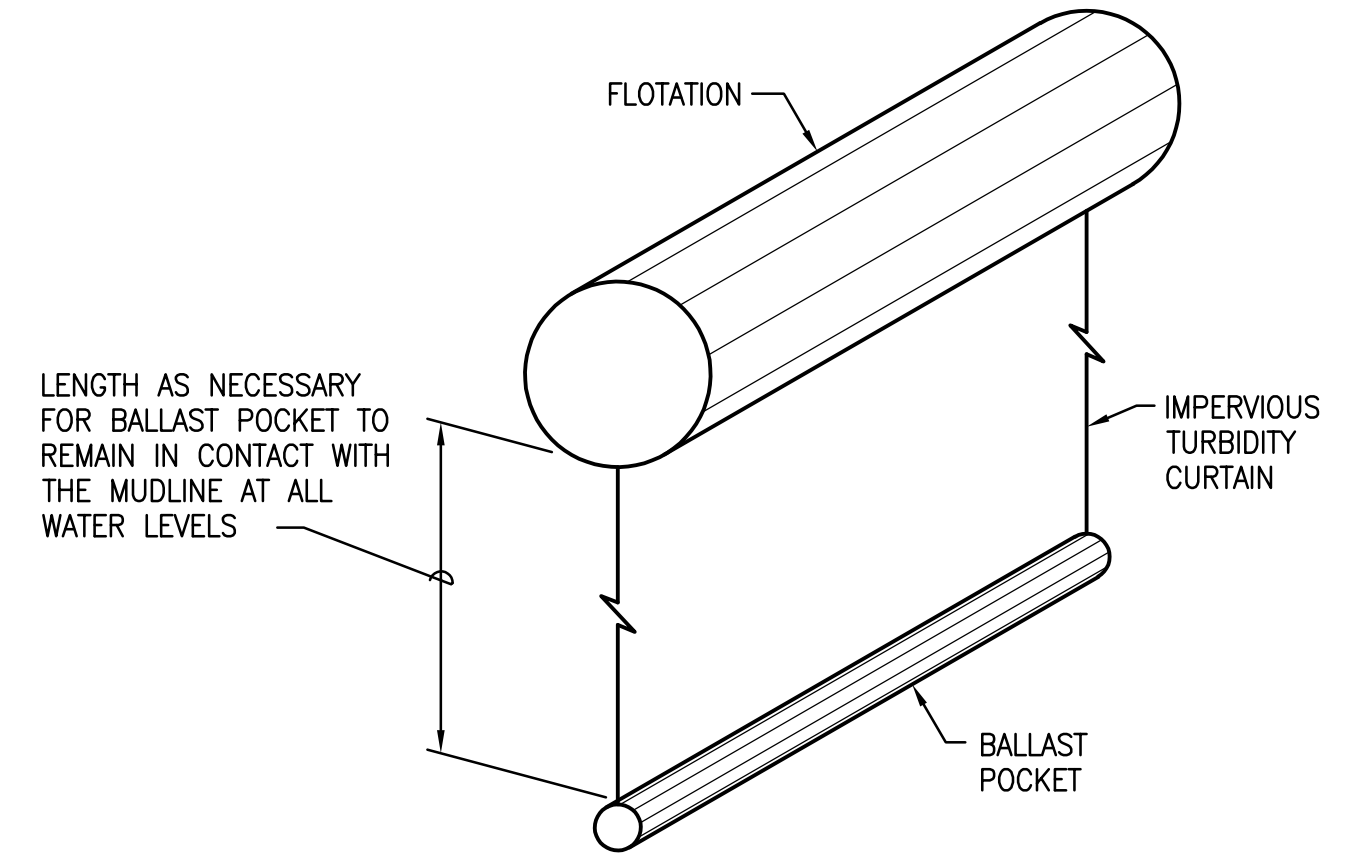
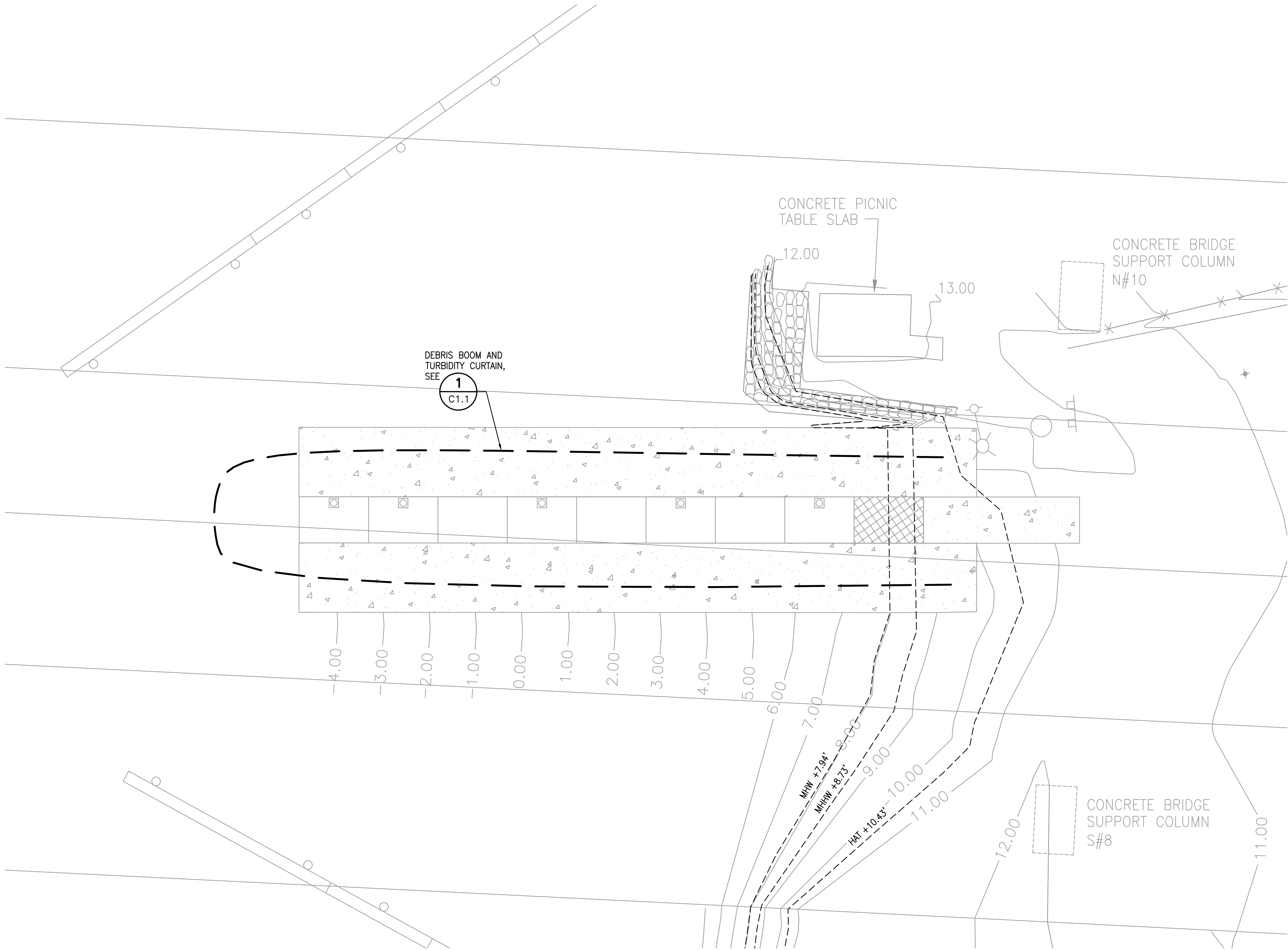


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Everett, Washington 98204  
Ph: 425 741-3800

SKAGIT COUNTY PARKS & RECREATION SWINOMISH CHANNEL BOAT LAUNCH RENOVATION	
SHEET TITLE: EXISTING CONDITIONS PLAN	SHEET NO. C1.0

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**1** **TURBIDITY CURTAIN AND DEBRIS BOOM**  
C1.1 NOT TO SCALE

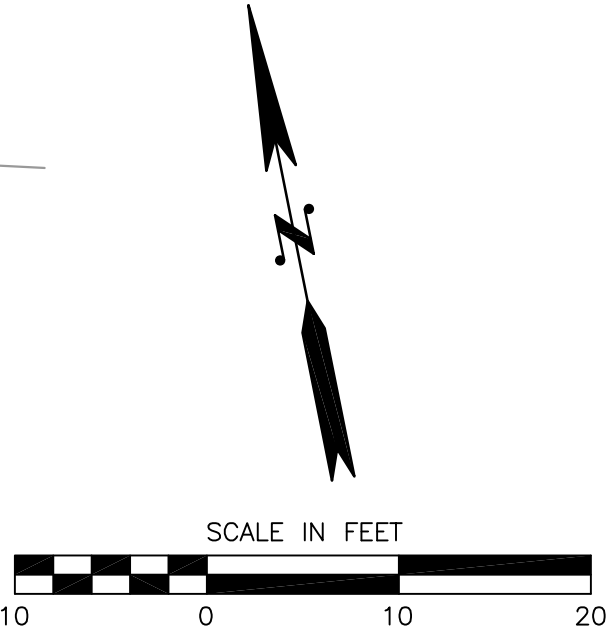
**TEMPORARY EROSION AND SEDIMENTATION CONTROL (TESC) NOTES**

**IN-WATER WORK**

1. TAKE CARE TO PREVENT DEBRIS FROM ENTERING THE WATER DURING DEMOLITION AND CONSTRUCTION AND REMOVE DEBRIS PROMPTLY IF IT DOES ENTER THE WATER. MATERIALS AND CONSTRUCTION METHODS SHALL BE USED WHICH PREVENT TOXIC MATERIALS, PETROCHEMICALS AND OTHER POLLUTANTS FROM ENTERING SURFACE WATER DURING AND AFTER CONSTRUCTION. APPROPRIATE EQUIPMENT AND MATERIAL FOR HAZARDOUS MATERIAL CLEANUP MUST BE KEPT AT THE SITE.
  - A. ABSORBENT MATERIALS MUST BE EMPLOYED IF A PETROCHEMICAL SHEEN IS OBSERVED. MATERIALS SHALL REMAIN IN PLACE UNTIL ALL POLLUTANTS HAVE BEEN COLLECTED AND SHEENS DISSIPATE. USED ABSORBENT MATERIALS SHALL BE DISPOSED OF IN AN APPROPRIATE UPLAND FACILITY. CONTRACTOR TO NOTIFY ALL REQUIRED REGULATORY AGENCIES AND COMPLY WITH REPORTING REQUIREMENTS.
  - B. NATIONAL RESPONSE CENTER: 1-800-424-8802  
DEPARTMENT OF ECOLOGY (WASHINGTON EMERGENCY MANAGEMENT DIVISION): 1-800-258-5990
  - C. ALL DISPOSED MATERIALS SHALL BE DEPOSITED IN A LANDFILL, WHICH MEETS THE LINER AND LEACHATE STANDARDS OF THE MINIMUM FUNCTIONAL STANDARDS, CHAPTER 173-304 WAC.
  - D. COMPLY WITH ALL PERMIT REQUIREMENTS.
  - E. IN-WATER DEBRIS BOOM AND TURBIDITY CURTAIN SHALL BE DEPLOYED AROUND ALL ACTIVE WORK AREAS DURING DEMOLITION AND CONSTRUCTION AS NECESSARY TO CONTROL DEBRIS AND MEET WATER QUALITY REQUIREMENTS.
  - F. CONSTRUCTION EROSION CONTROL MEASURES MUST BE IN PLACE PRIOR TO ANY DISTURBANCE.
  - G. COMPLY WITH ALL PERMIT REQUIREMENTS.

**TEMPORARY EROSION/SEDIMENTATION CONTROL PLAN**

SCALE: 1"=10'

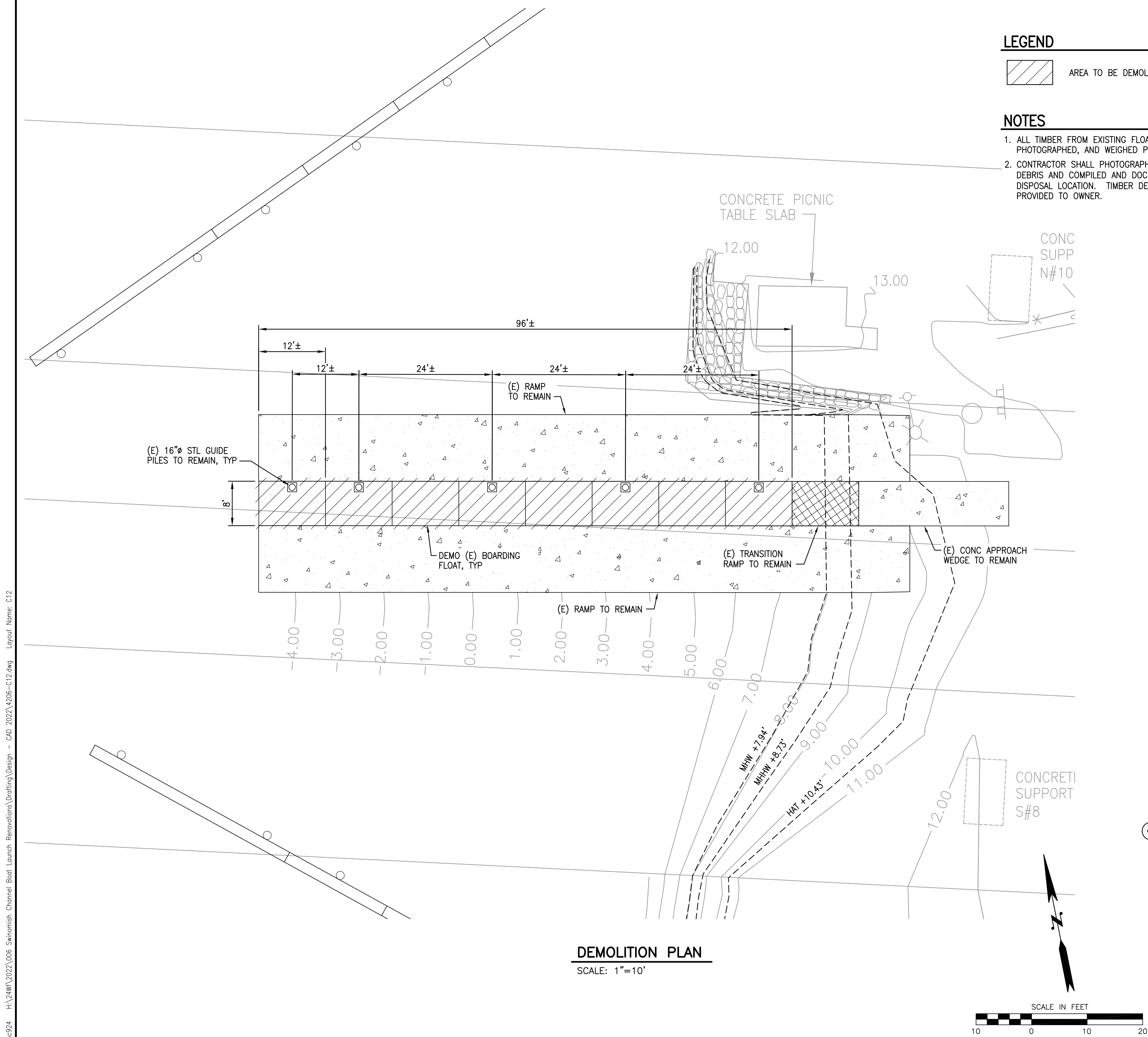


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REVISIONS					<div>DESIGNED BY: J. STRUB</div> <div>DRAWN BY: D. OLSEN</div> <div>CHECKED BY: W. AHN</div> <div>DATE: 05/23/25</div> <div>PROJECT NO: 24-22-006</div>		<div>SCALE: HORIZ <u>NO SCALE</u> VERT</div> <div>NOTE: <u>1" = 1'</u></div> <div>IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY</div>	<div><div>728 134th Street SW · Suite 200 Everett, Washington 98204 Ph: 425 741-3800</div></div>	SKAGIT COUNTY PARKS & RECREATION SWINOMISH CHANNEL BOAT LAUNCH RENOVATION		SHEET NO.  <b>C1.1</b>
NO.	DATE	BY	DESCRIPTION	APP'D					SHEET TITLE:		



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LEGEND

AREA TO BE DEMOLISHED AND DISPOSED

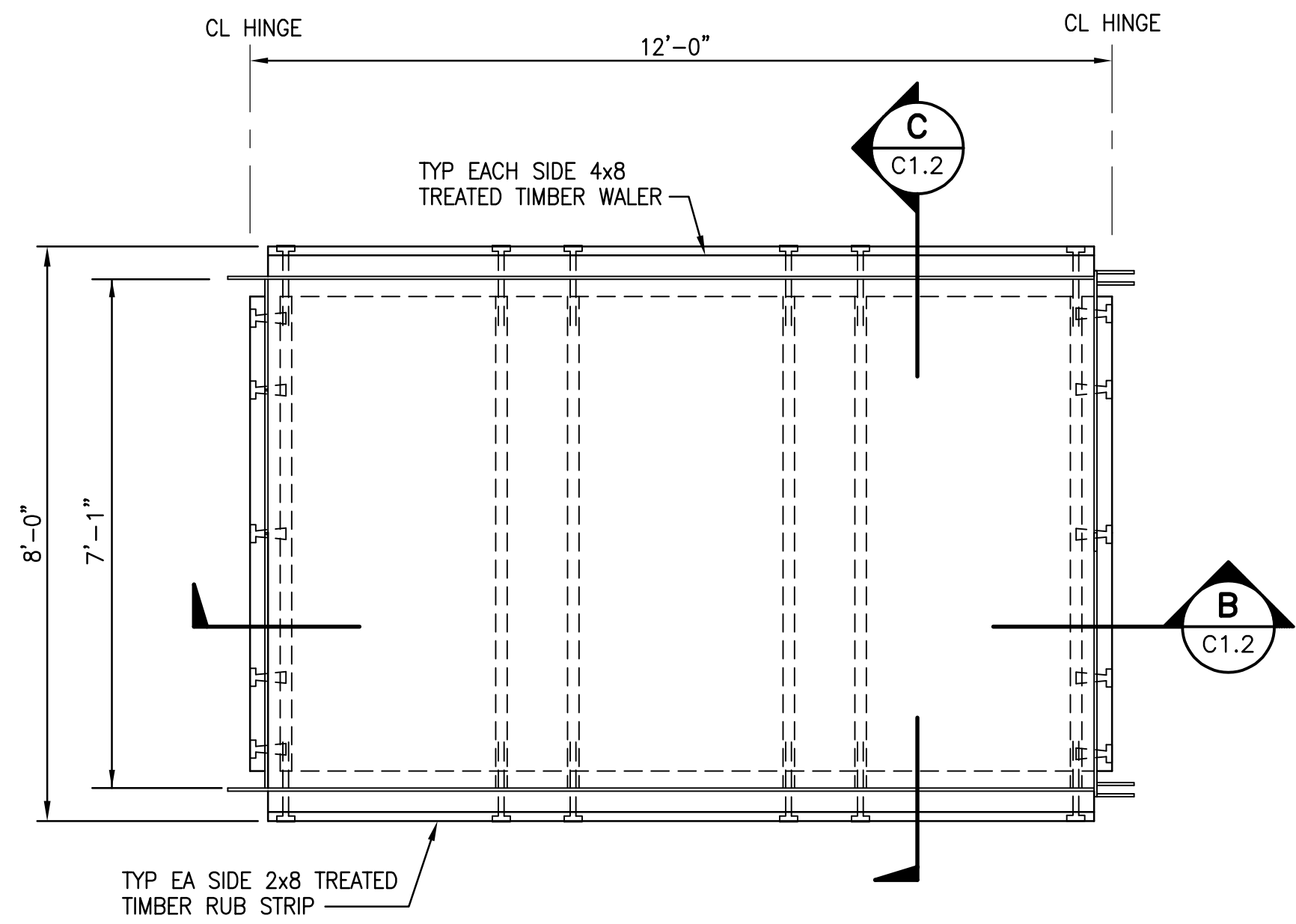
NOTES

1. ALL TIMBER FROM EXISTING FLOATS TO BE SEPARATED FROM OTHER DEBRIS, PHOTOGRAPHED, AND WEIGHED PER PERMIT REQUIREMENTS.
2. CONTRACTOR SHALL PHOTOGRAPH TIMBER DEBRIS ONCE SEPARATED FROM OTHER DEBRIS AND COMPILED AND DOCUMENT/PHOTOGRAPH TIMBER DEBRIS WEIGHT AT DISPOSAL LOCATION. TIMBER DEBRIS PHOTOGRAPHS AND DOCUMENTATION TO BE PROVIDED TO OWNER.

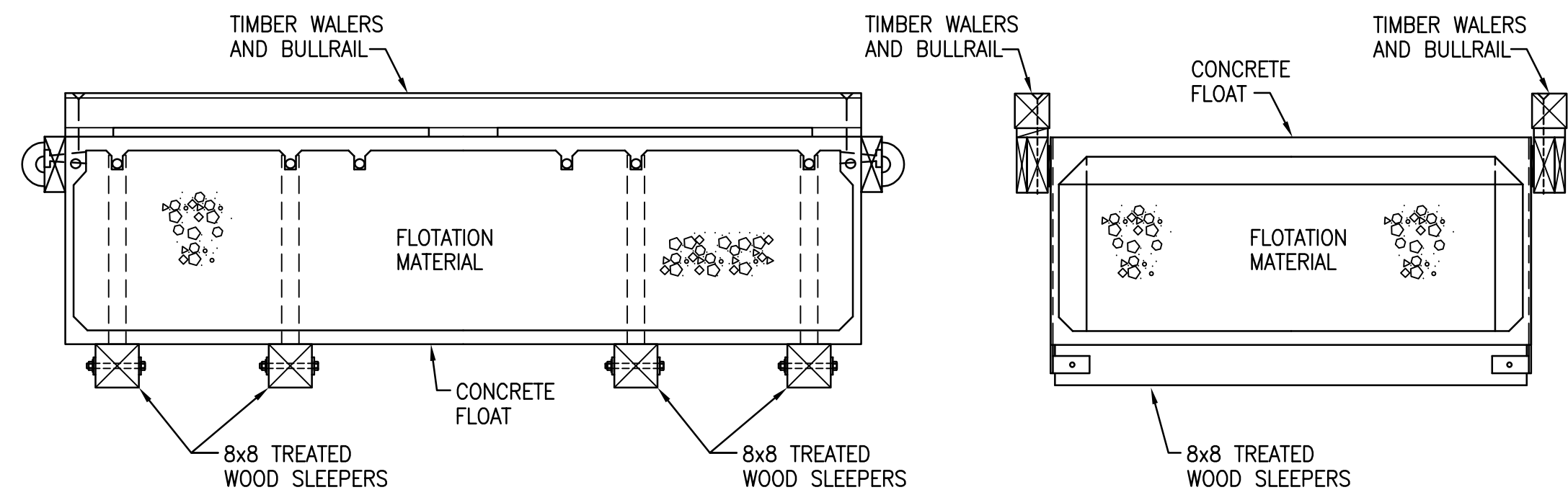


EXISTING FLOATS TO BE REMOVED

NO SCALE



1 PLAN-EXISTING BOARDING FLOAT TO BE REPLACED  
C1.2 SCALE: 1/2"=1'-0"

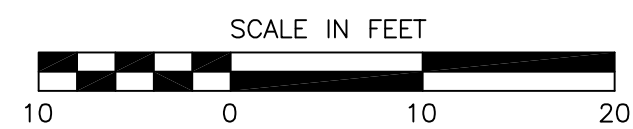


B SECTION  
C1.2 SCALE: 1/2"=1'-0"

C SECTION  
C1.2 SCALE: 1/2"=1'-0"

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DEMOLITION PLAN  
SCALE: 1"=10'



May 22, 2025 - 4:54pm

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SCALE:  
HORIZ NO SCALE  
VERT  
NOTE: 1"=10'  
IF "L" DOES NOT MEASURE 1" ADJUST SCALES ACCORDINGLY

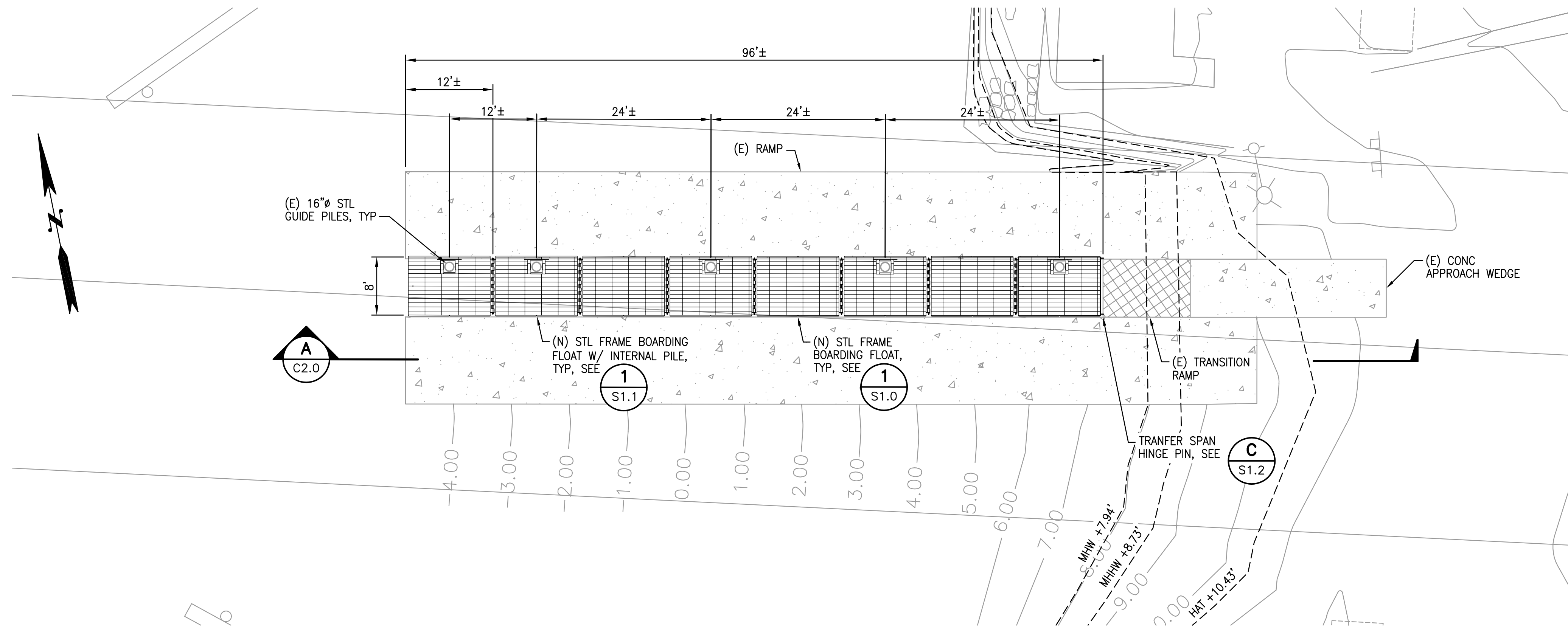
ReidMiddleton

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

SKAGIT COUNTY PARKS & RECREATION SWINOMISH CHANNEL BOAT LAUNCH RENOVATION	
SHEET TITLE: DEMOLITION PLAN, SECTION AND NOTES	

SHEET NO.  
  
C1.2

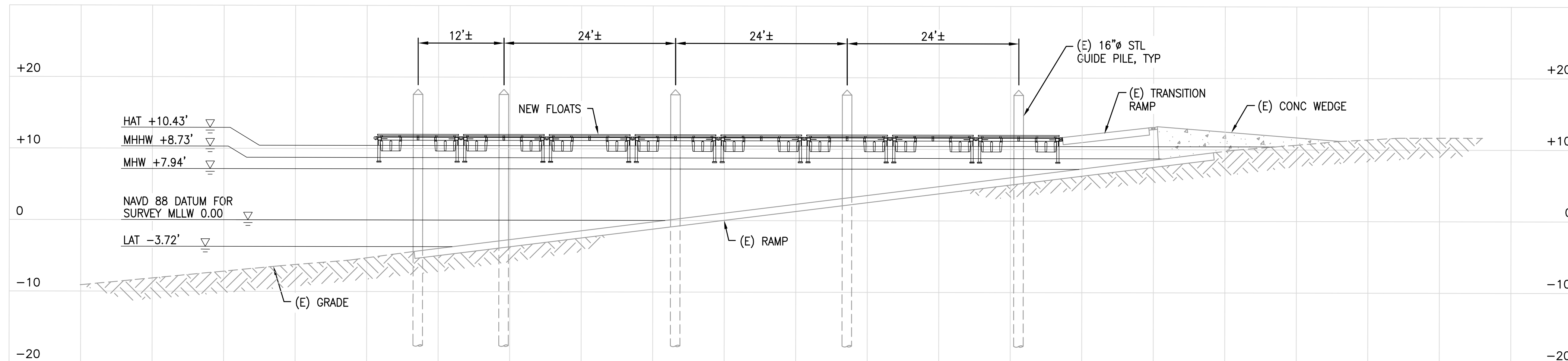
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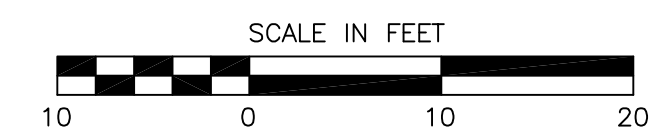
**SITE PLAN**  
SCALE: 1"=10'

**NOTES:**

1. CONTRACTOR SHALL CONFIRM EXISTING BOARDING FLOAT PILE LOCATIONS AND SPACING PRIOR TO FABRICATION OF NEW BOARDING FLOATS.



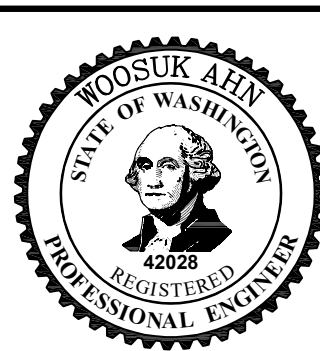
**A FLOAT PROFILE**  
C2.0 SCALE: 1"=10'



**100% SUBMITTAL**

REVISIONS				
NO.	DATE	BY	DESCRIPTION	APP'D

DESIGNED BY:  
J. STRUB  
DRAWN BY:  
D. OLSEN  
CHECKED BY:  
W. AHN  
DATE:  
05/23/25  
PROJECT NO:  
24-22-006



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  
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SKAGIT COUNTY PARKS & RECREATION  
SWINOMISH CHANNEL BOAT LAUNCH RENOVATION

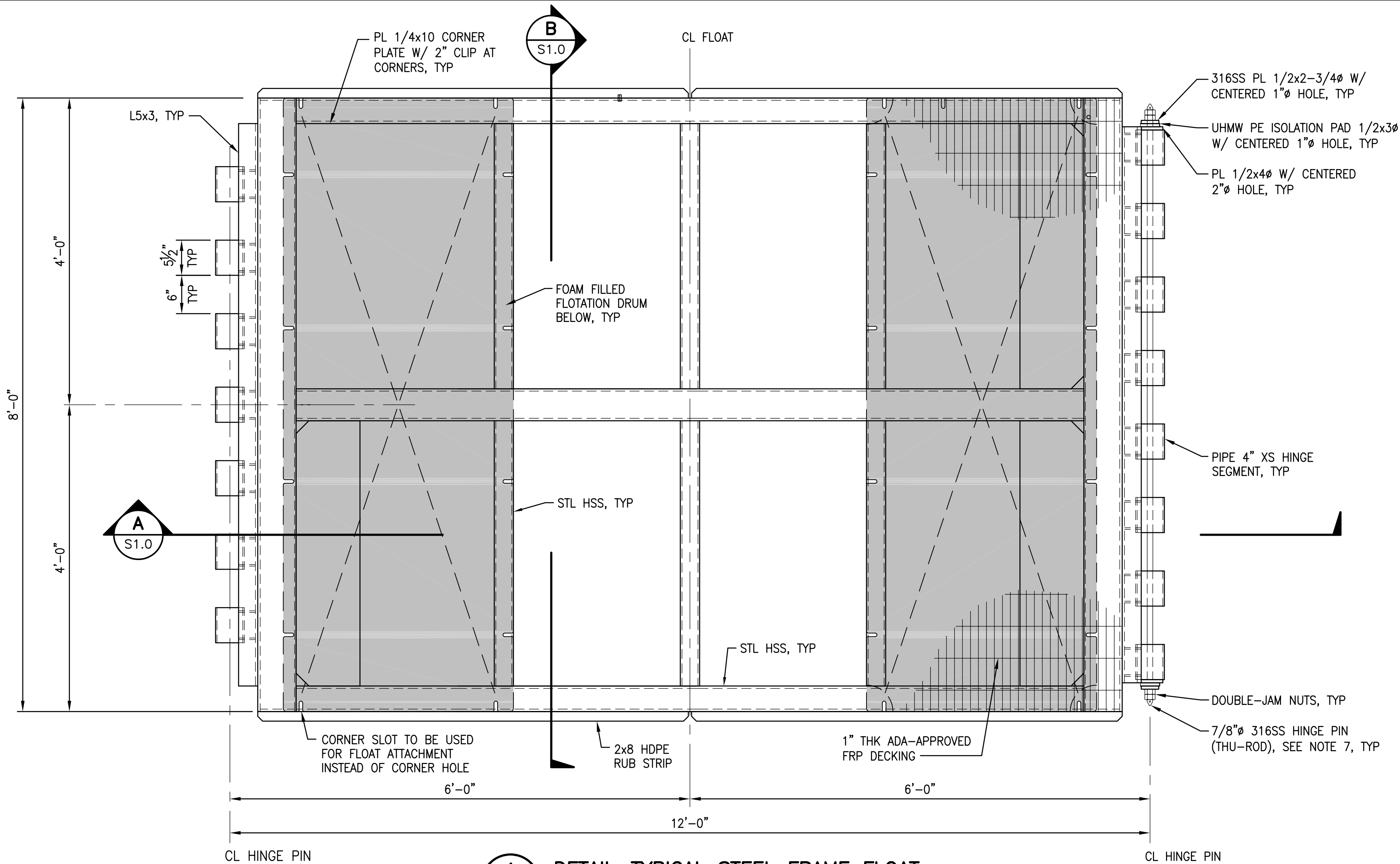
SHEET TITLE:  
PROPOSED CONDITIONS PLAN AND PROFILE

SHEET NO.

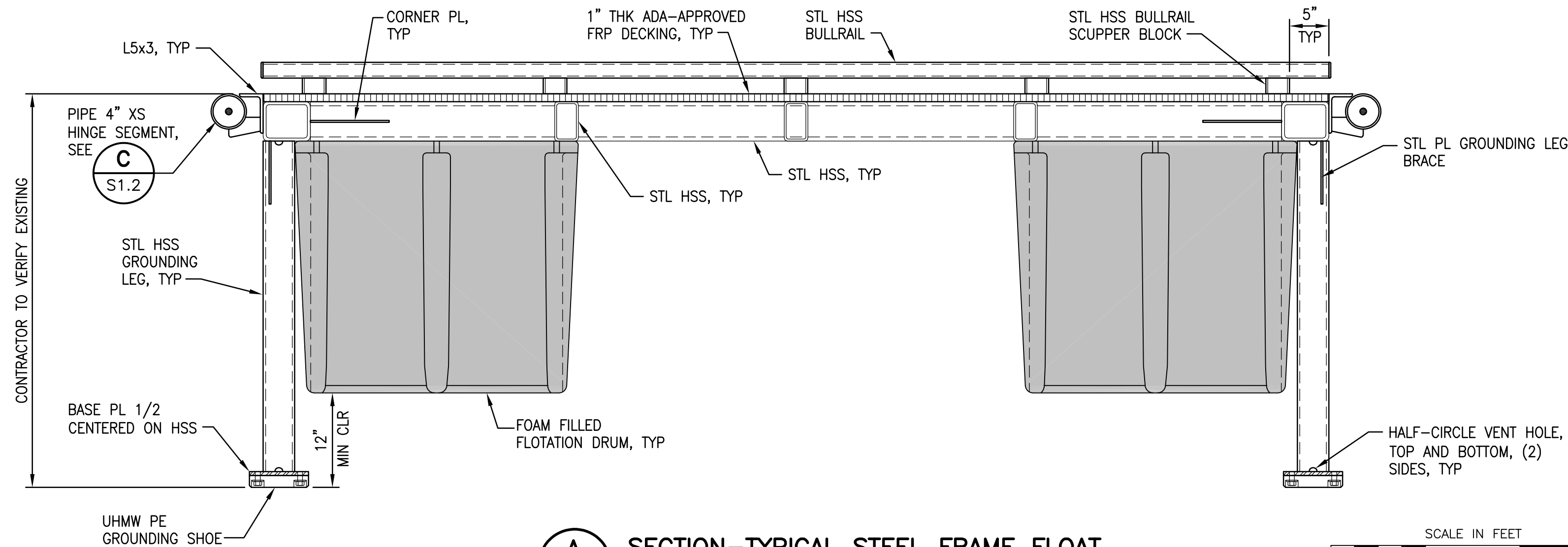
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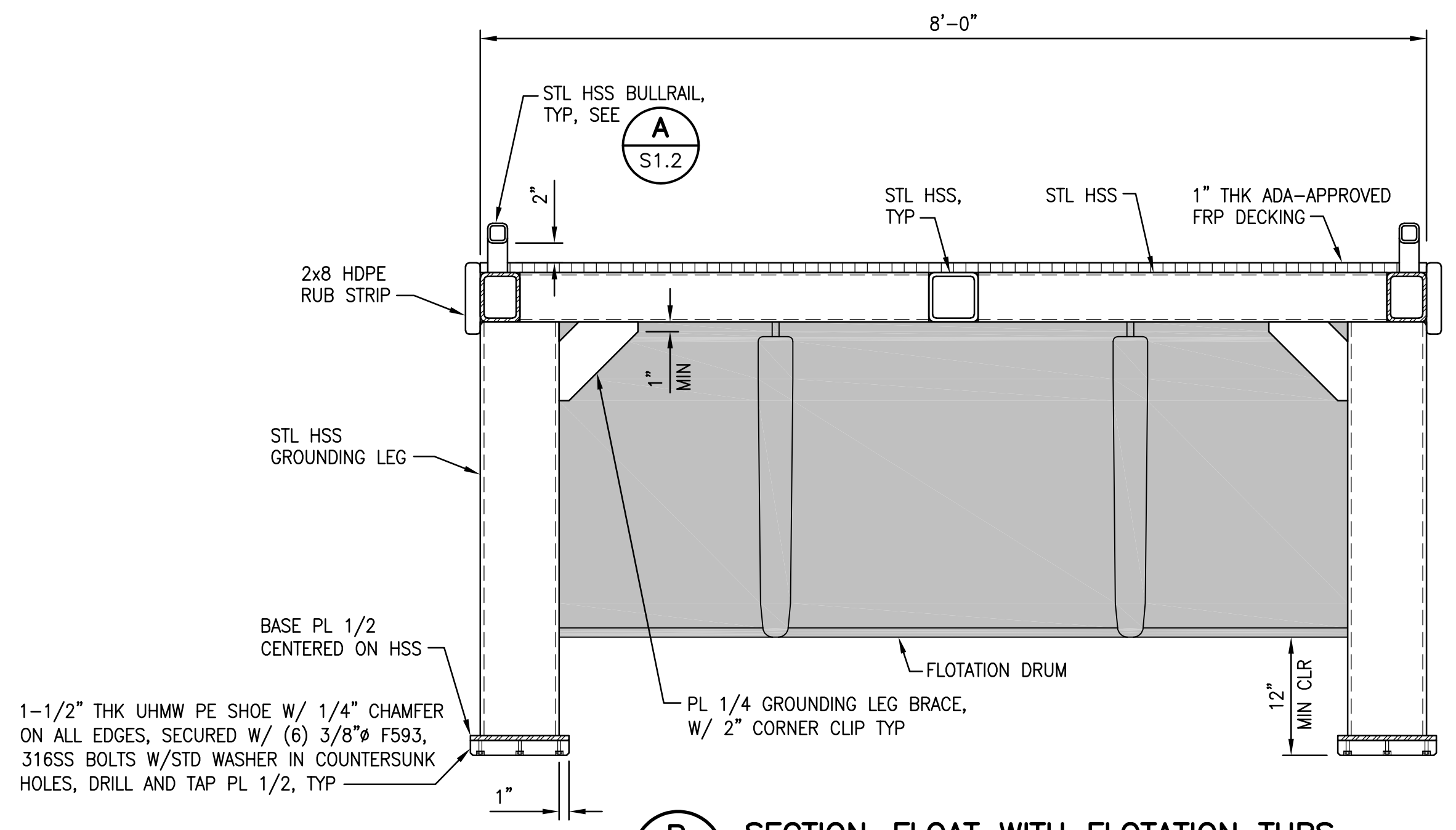
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b:\projm24 - H\24WA\2022\006 Swinomish Channel Boat Launch Renovations\Drafting\Design - CAD 2022\2026-S10.dwg  
Layout Name: S10



1 C2.0 DETAIL-TYPICAL STEEL FRAME FLOAT  
SCALE: 1"=1'-0"



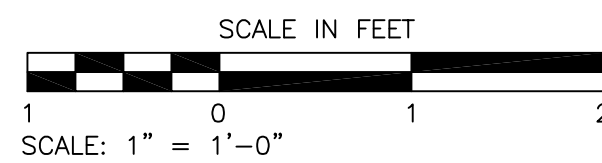
A S1.0 SECTION-TYPICAL STEEL FRAME FLOAT  
SCALE: 1"=1'-0"



B S1.0 SECTION-FLOAT WITH FLOTATION TUBS  
SCALE: 1"=1'-0"

## NOTES

- FLOAT MANUFACTURER SHALL PROVIDE DESIGN OF FLOAT AND PILE HOOPS.
- SECURE GRATING IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS. EACH GRATING PANEL IS TO BE FULLY SUPPORTED ON ALL FOUR EDGES.
- FLOAT FRAME TO BE HOT DIP GALVANIZED AFTER FABRICATION. CONTRACTOR TO PROVIDE REQUIRED DRAIN HOLES.
- FIELD-LEVEL FLOAT WITH COUNTERWEIGHTS. PROVIDE RECESS IN RUB STRIP TO ACCOMMODATE THRU BOLT HEAD.
- PROVIDE 3/8" WEEP HOLES AT UNDERSIDE OF EACH END OF EACH HORIZONTAL CROSS-BEAM TO PREVENT MEMBERS FROM HOLDING WATER.
- PROVIDE SMALL VENT HOLES IN SIDES OF HSS MEMBERS INSIDE OF CONNECTING TUBE TO FACILITATE COMPLETE DRAINING DURING HOT DIP GALVANIZING, CENTERED IN HSS.
- HINGE PIN (THRU-ROD, ASTM A193 B8M, CLASS 2, 316SS) TO BE SECURED WITH A DOUBLE-JAM NUT (DO NOT OVER-TIGHTEN, PREVENT GALLING), AND SHALL BE FREE TO ROTATE AFTER INSTALLATION. THE END OF THE HINGE PIN IS TO HAVE A 30 DEGREE BEVEL, WITH A 1/4" DIAMETER ROUNDED END TO FACILITATE INSERTION INTO THE HINGE BUSHINGS. HINGE PIN IS TO HAVE A HOLE AND 1/4" 316SS COTTER PIN EACH END.



100% SUBMITTAL

REVISIONS				
NO.	DATE	BY	DESCRIPTION	APP'D

DESIGNED BY: J. STRUB
DRAWN BY: D. OLSEN
CHECKED BY: W. AHN
DATE: 05/23/25
PROJECT NO: 24-22-006



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

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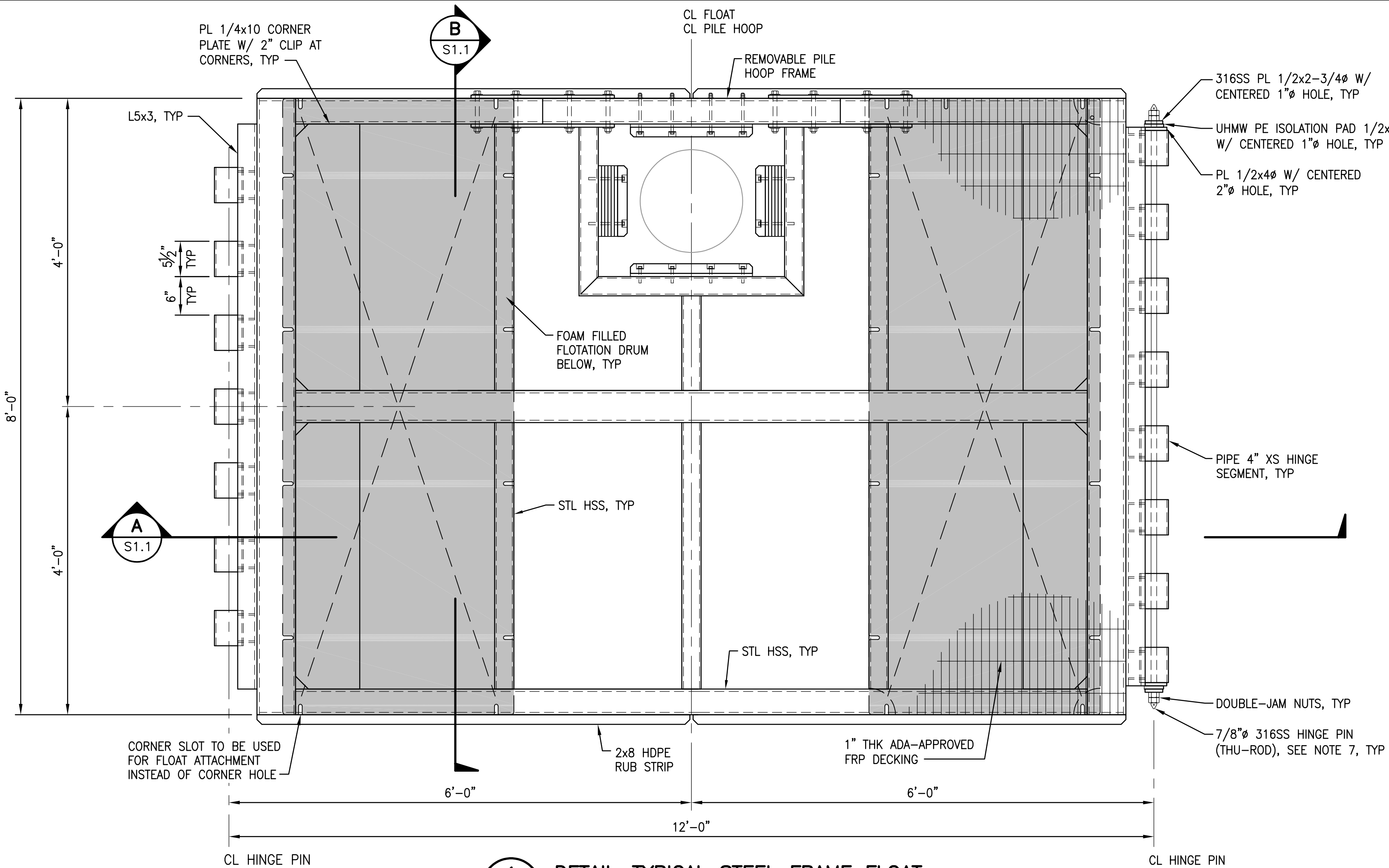
728 134th Street SW · Suite 200  
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Ph: 425 741-3800

SKAGIT COUNTY PARKS & RECREATION  
SWINOMISH CHANNEL BOAT LAUNCH RENOVATION  
SHEET TITLE:  
STEEL FRAME FLOAT

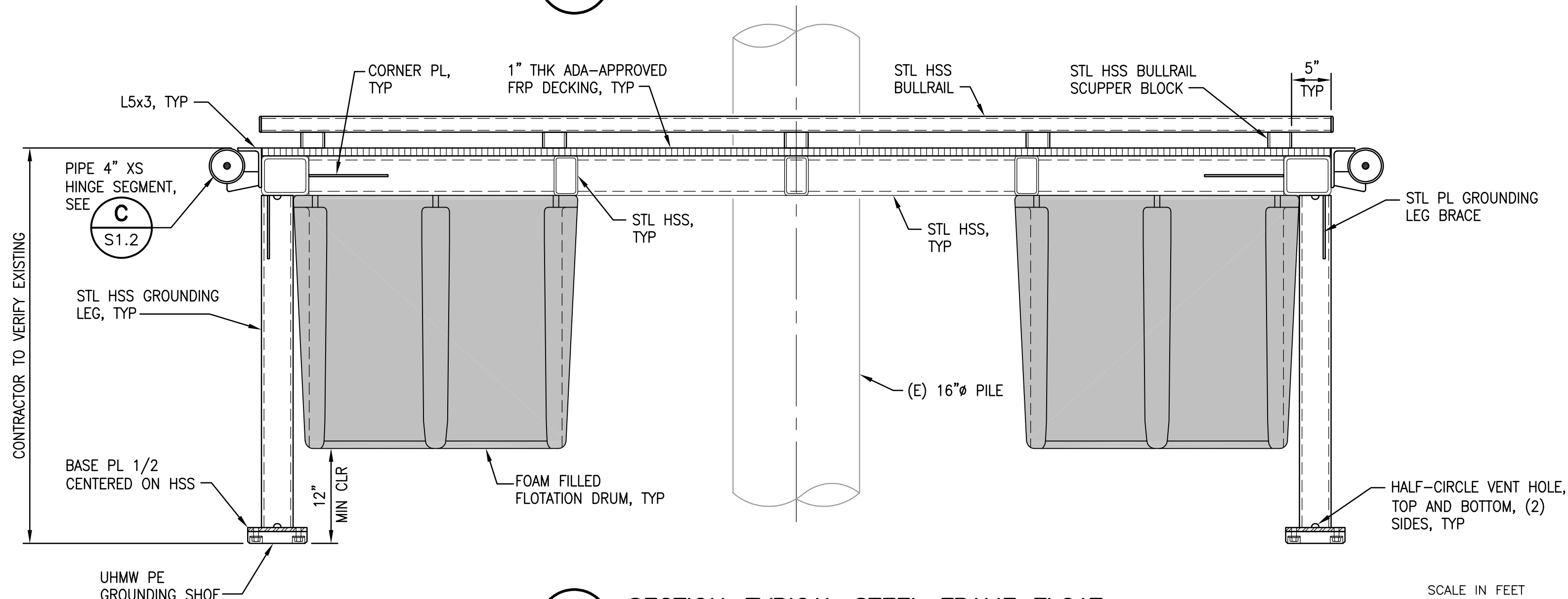
SHEET NO.

S1.0

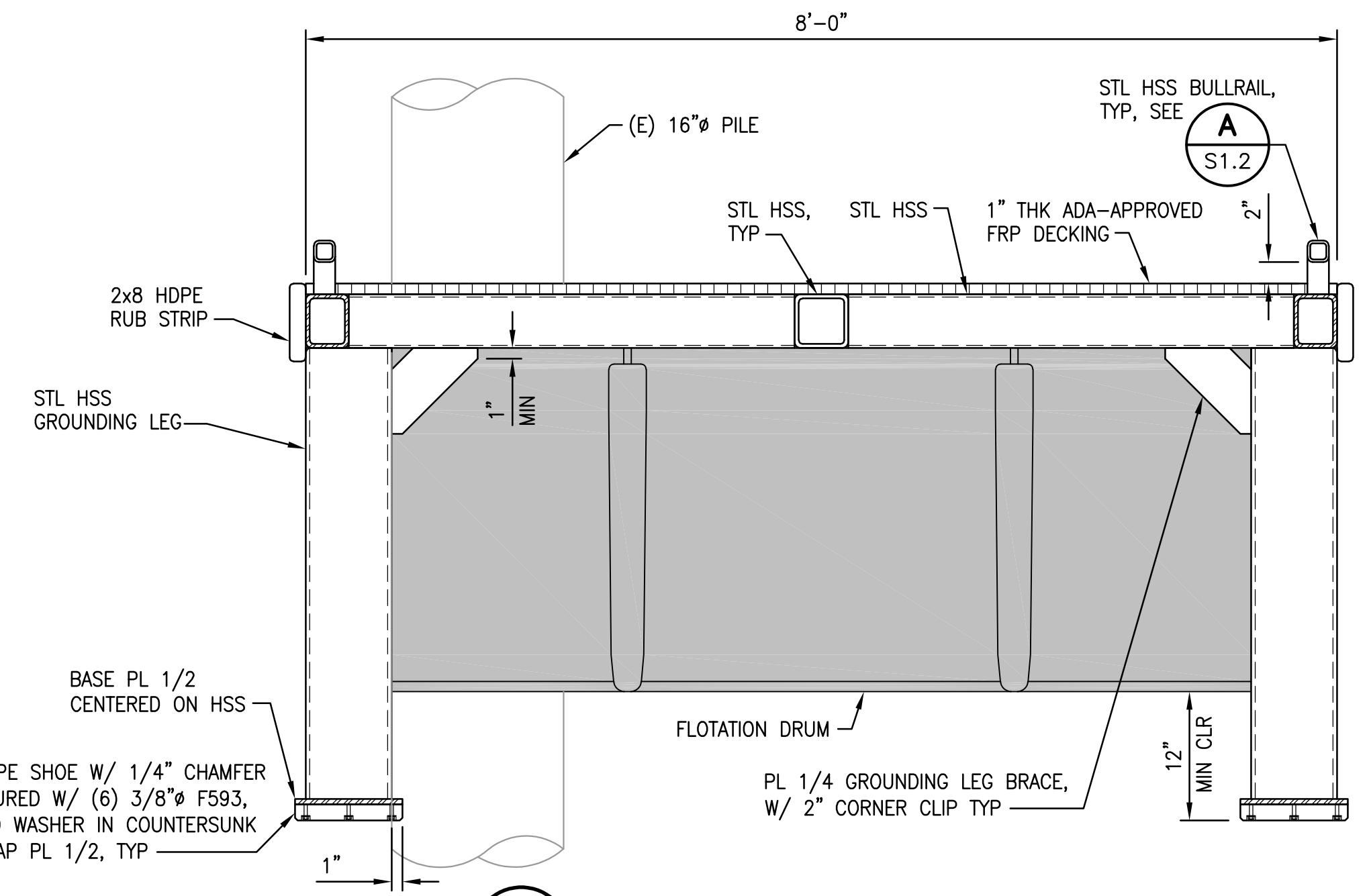
May 22, 2025 - 4:55pm bjoem224 H:\24WA\2023\006 Swinomish Channel Boat Launch Renovations\Drafting\Design - CAD 2022\2026-S11.dwg Layout Name: S11



**1** DETAIL-TYPICAL STEEL FRAME FLOAT  
C2.0 SCALE: 1"=1'-0"



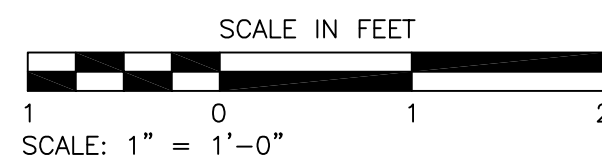
**A** SECTION-TYPICAL STEEL FRAME FLOAT  
S1.1 SCALE: 1"=1'-0"



**B** SECTION-FLOAT WITH FLOTATION TUBS  
S1.1 SCALE: 1"=1'-0"

## NOTES

- FLOAT MANUFACTURER SHALL PROVIDE DESIGN OF FLOAT AND PILE HOOPS.
- SECURE GRATING IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS. EACH GRATING PANEL IS TO BE FULLY SUPPORTED ON ALL FOUR EDGES.
- FLOAT FRAME TO BE HOT DIP GALVANIZED AFTER FABRICATION. CONTRACTOR TO PROVIDE REQUIRED DRAIN HOLES.
- FIELD-LEVEL FLOAT WITH COUNTERWEIGHTS. PROVIDE RECESS IN RUB STRIP TO ACCOMMODATE THRU BOLT HEAD.
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REVISIONS				
NO.	DATE	BY	DESCRIPTION	APP'D

DESIGNED BY:  
J. STRUB  
DRAWN BY:  
D. OLSEN  
CHECKED BY:  
W. AHN  
DATE:  
05/23/25  
PROJECT NO:  
24-22-006



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

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SKAGIT COUNTY PARKS & RECREATION  
SWINOMISH CHANNEL BOAT LAUNCH RENOVATION  
SHEET TITLE:  
STEEL FRAME FLOAT WITH INTERNAL PILE

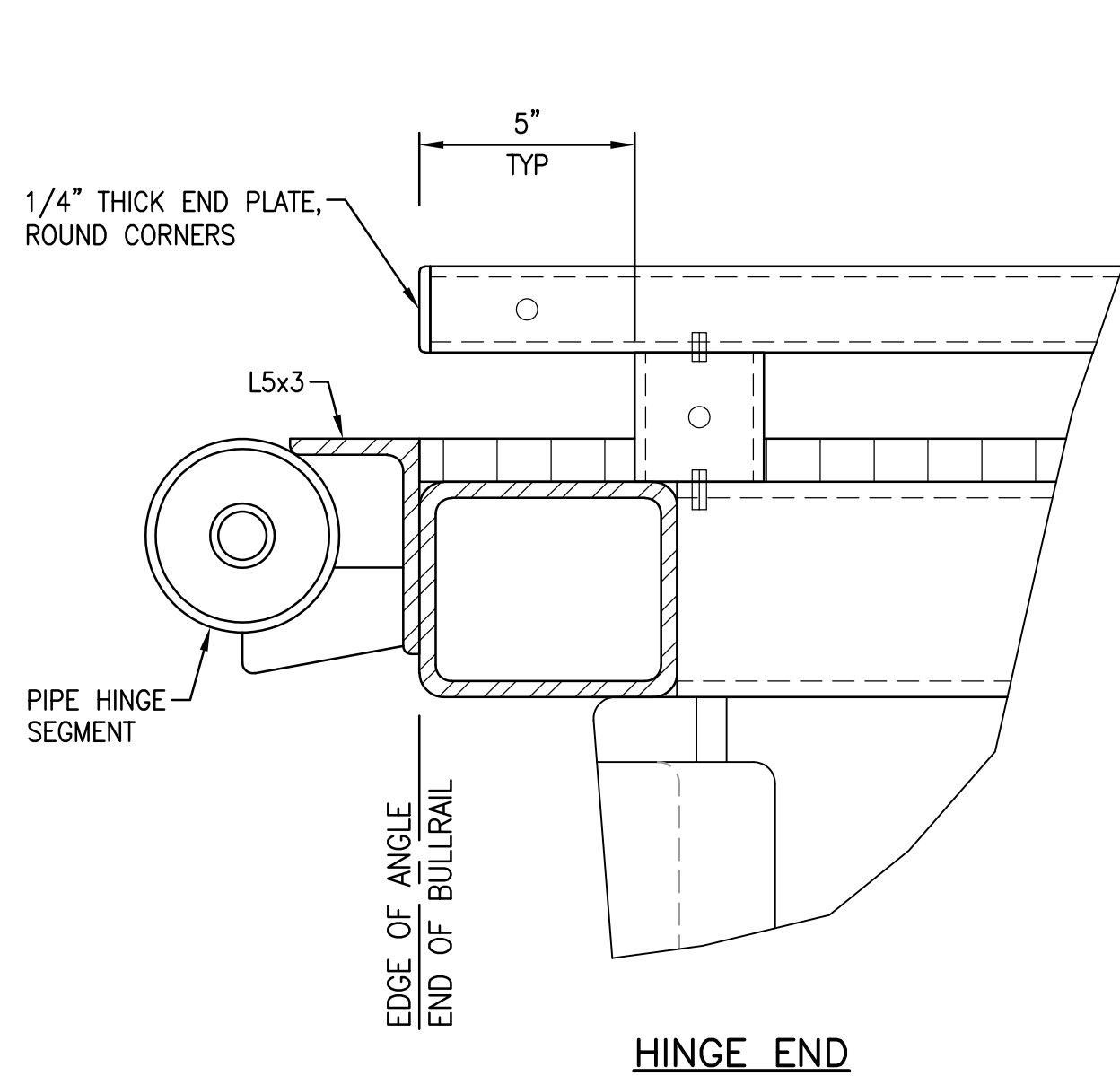
SHEET NO.

**S1.1**

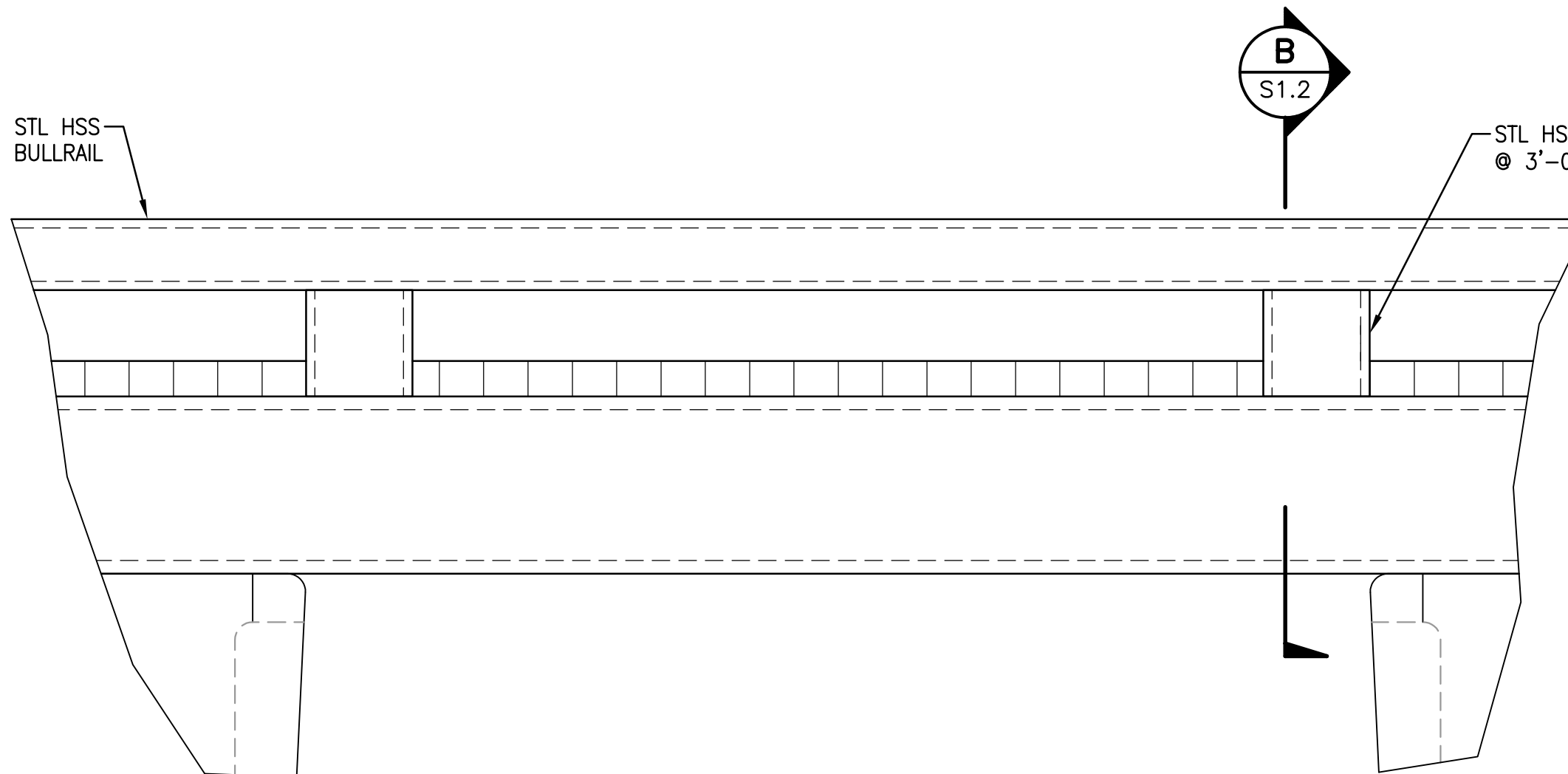
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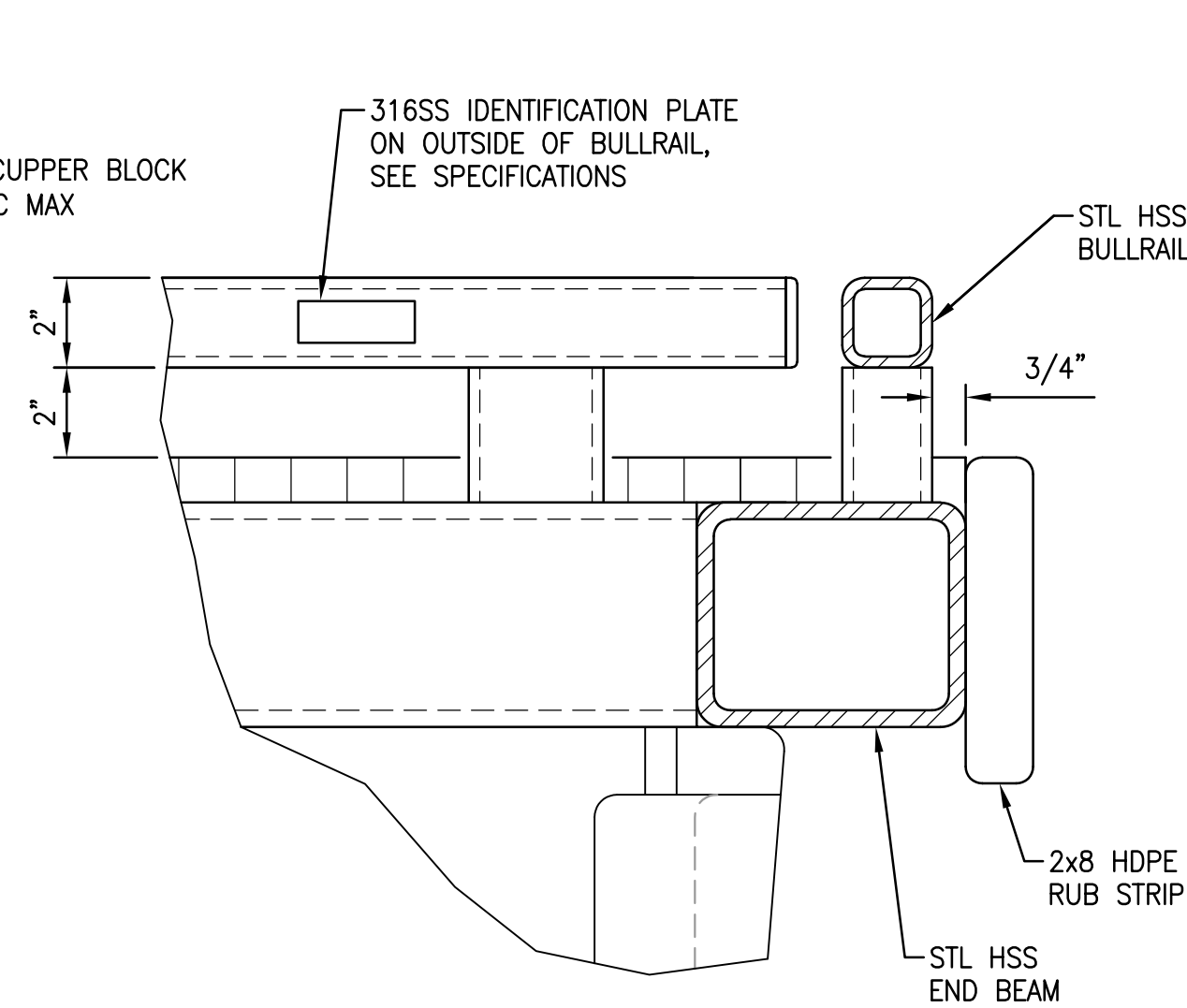
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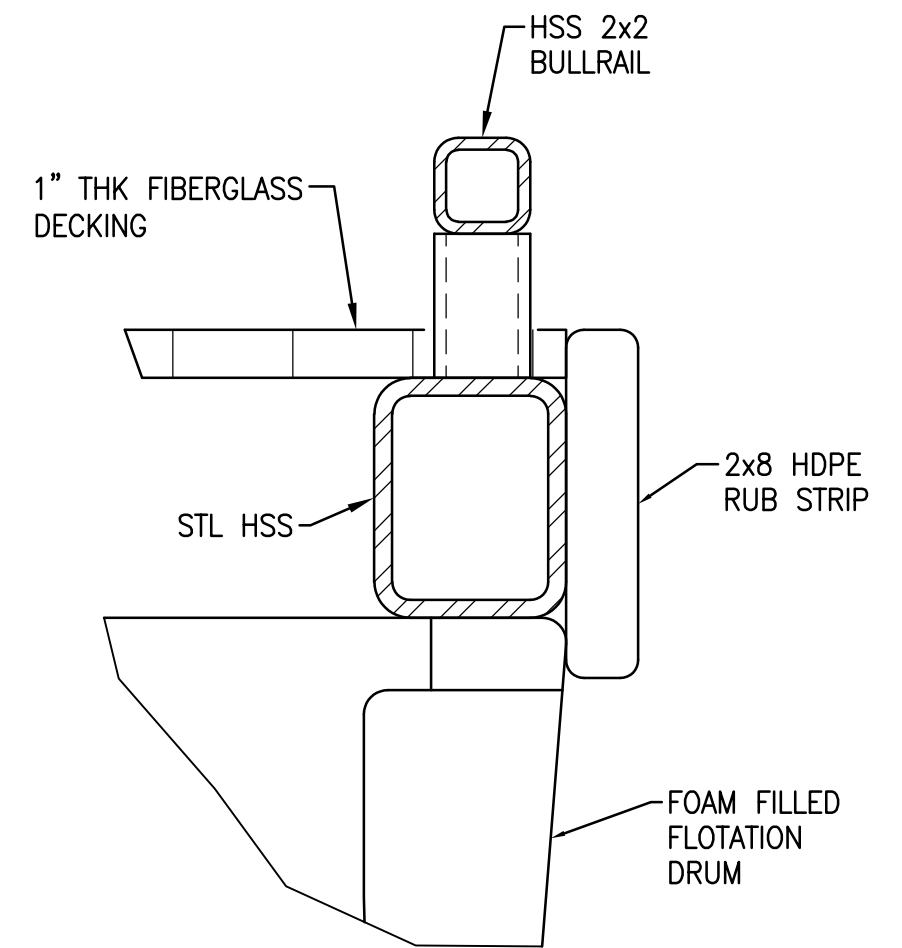
HINGE END



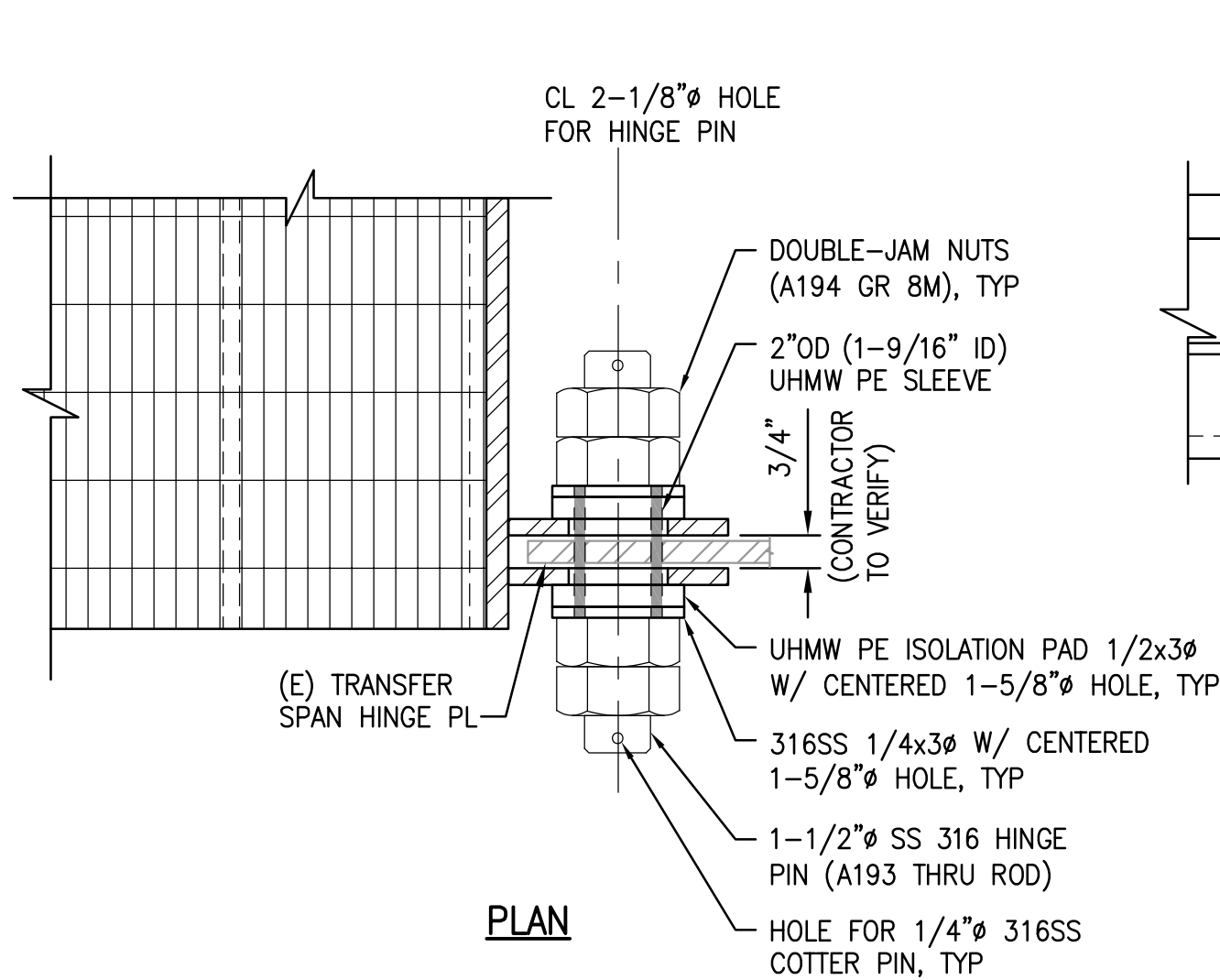
**A**  
S1.0 ELEVATION-BULLRAIL  
SCALE: 3"=1'-0"



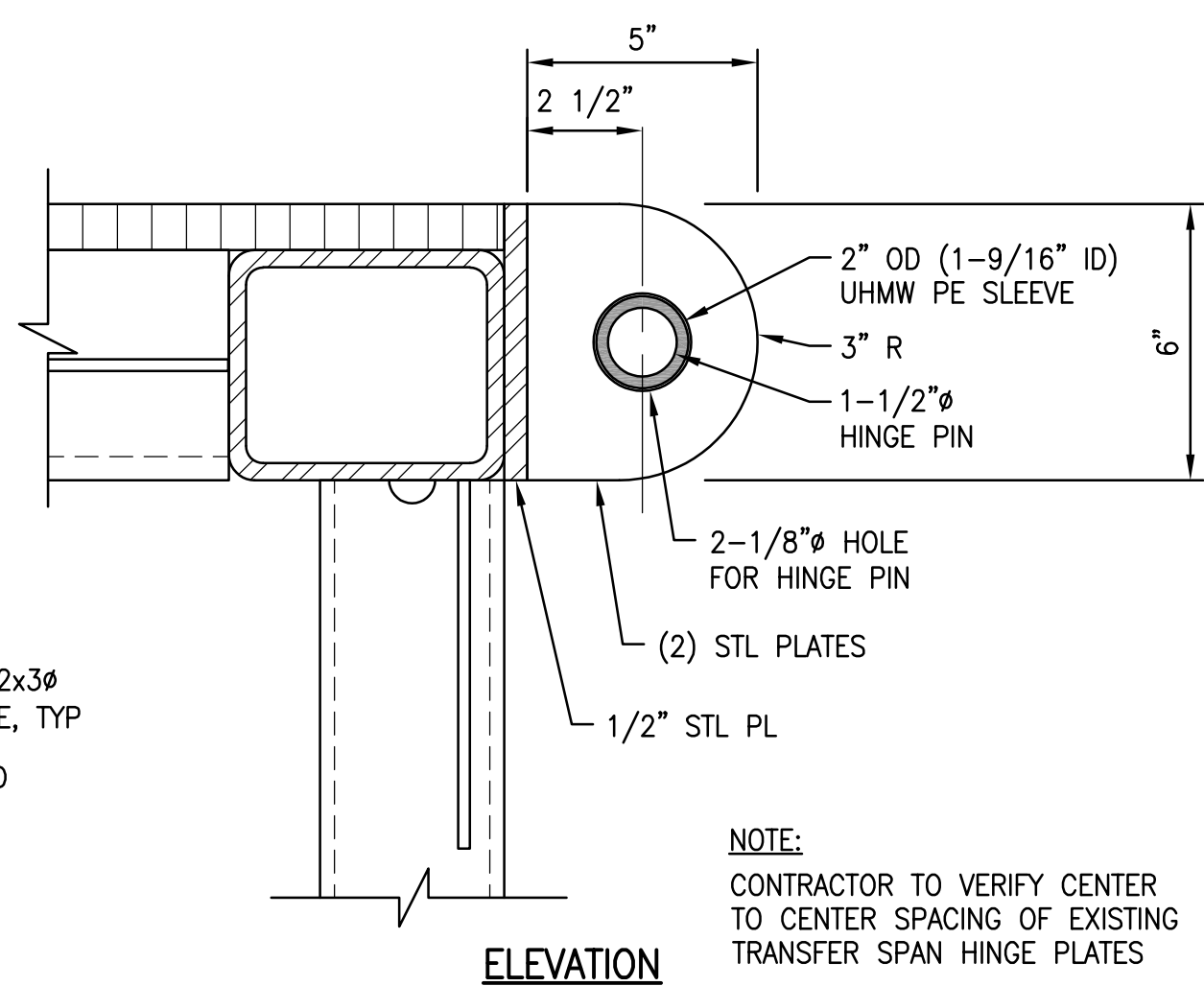
FLOAT END



**B**  
S1.2 SECTION-BULLRAIL  
SCALE: 3"=1'-0"

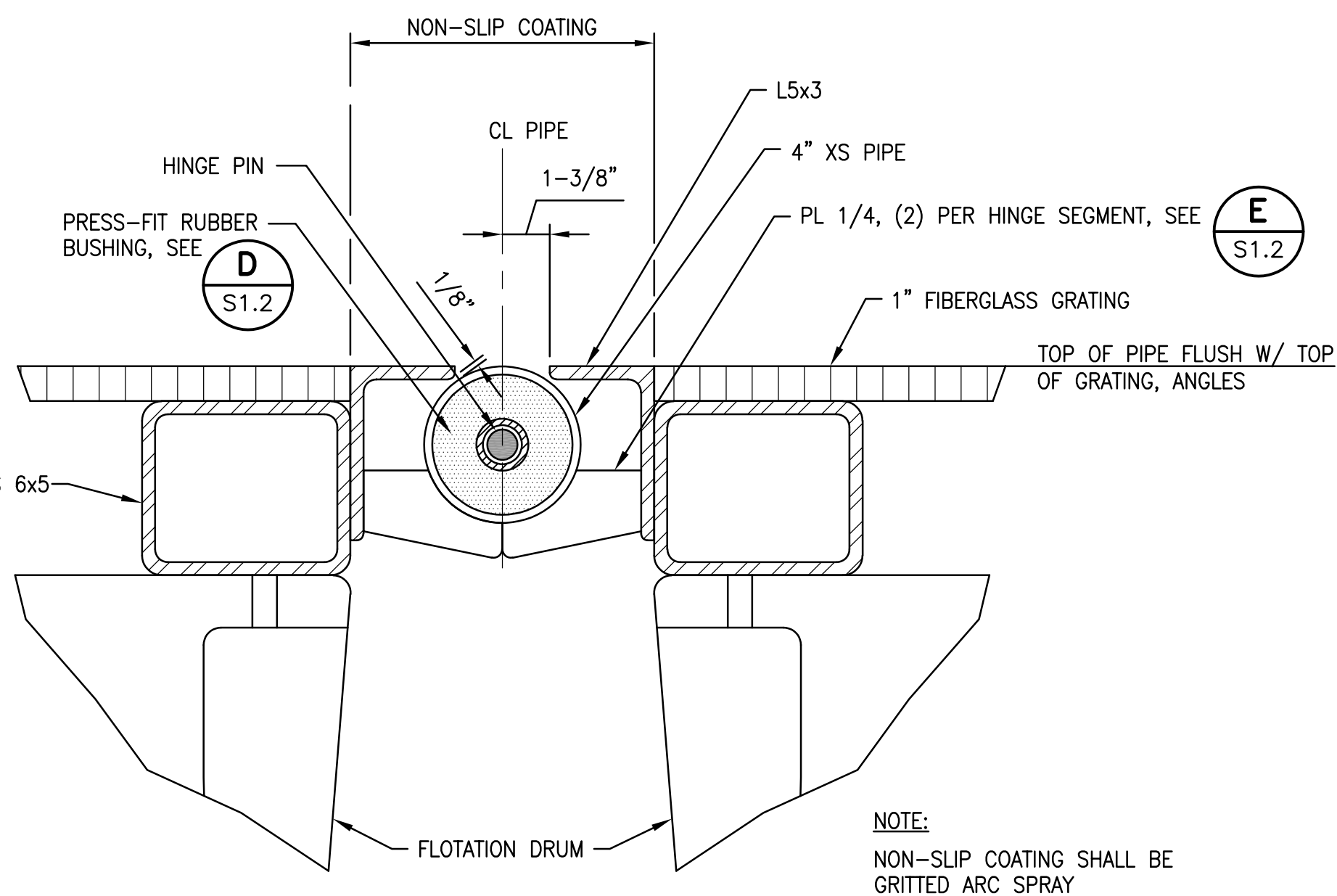


PLAN

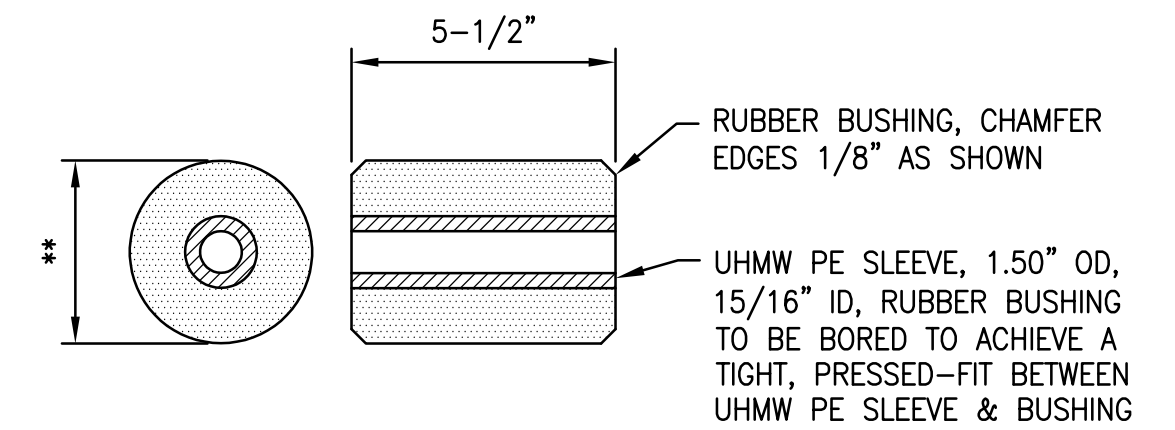


ELEVATION

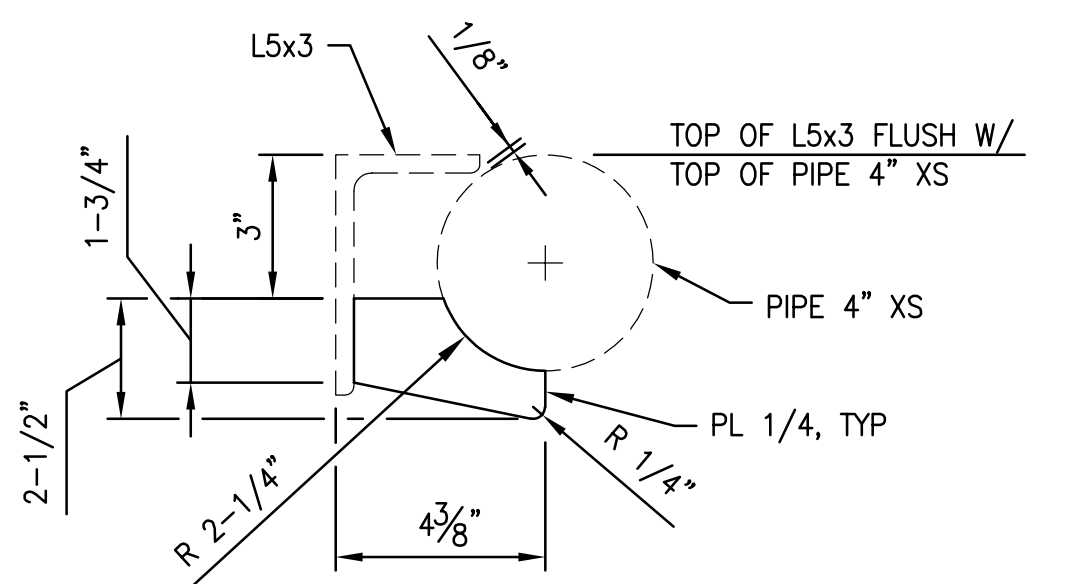
**1**  
C2.0 DETAIL-TRANSFER SPAN HINGE PIN  
SCALE: 3"=1'-0"



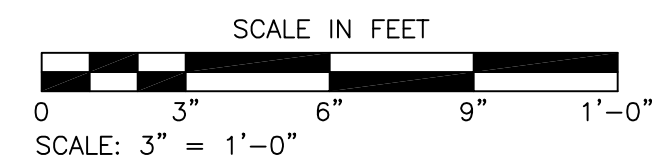
**C**  
S1.2 SECTION-FLOAT HINGE  
SCALE: 3"=1'-0"



**D**  
S1.2 SECTION-HINGE BUSHING  
SCALE: 3"=1'-0"



**E**  
S1.2 SECTION-HINGE GUSSET PLATE  
SCALE: 3"=1'-0"



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REVISIONS				
NO.	DATE	BY	DESCRIPTION	APP'D

DESIGNED BY:  
J. STRUB  
DRAWN BY:  
D. OLSEN  
CHECKED BY:  
W. AHN  
DATE:  
05/23/25  
PROJECT NO:  
24-22-006



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

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Everett, Washington 98204  
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SKAGIT COUNTY PARKS & RECREATION SWINOMISH CHANNEL BOAT LAUNCH RENOVATION	
SHEET TITLE: BULLRAIL AND HINGE DETAILS	

SHEET NO.

S1.2