



US Army Corps
of Engineers
Seattle District

Public Notice of Application for Permit

US Army Corps of Engineers

Regulatory Branch
4735 E Marginal Way S, Bldg 1202
Seattle, WA 98134-2388
Telephone: (503) 278-1845
ATTN: Mr. Brad Johnson,
Project Manager

Public Notice Date: March 20, 2023
Expiration Date: April 20, 2023

Reference No.: NWS-2023-202
Name: PacifiCorp
(Haapa Fishing Platform)

Interested parties are hereby notified that the U.S. Army Corps of Engineers (Corps) has received an application to perform work in waters of the U.S. as described below and shown on the enclosed drawings dated February 15, 2023

The Corps will review the work in accordance with Section 404 of the Clean Water Act (CWA) and Section 10 of the Rivers and Harbors Act.

APPLICANT: PacifiCorp
Attention: Mr. Victor Cai
825 Multnomah Street, Suite 1800
Portland, Oregon 97232
Telephone: (503) 813-6661

AGENT: MacKay Sposito
Attention: Ms. Kristen Currens
18405 SE Mill Plain Blvd, Suite 100
Vancouver, Washington 98683
Telephone: (360) 344-5176

LOCATION: The proposed project occurs within the Lewis River at 43511 NE Haapa Road, Woodland, Clark County, Washington.

WORK: The applicant proposes to discharge up to 12 cubic yards of fill material within 1,185 square feet of the Lewis River to construct the Haapa Fishing Platform. The fishing platform would be a 50-foot-long by 11-foot-wide steel and concrete structure with fiberglass decking and variable 2.8-3.5 feet high guard rails. The applicant would also remove 17 cubic yards of existing material from 660 square feet of the Lewis River. The applicant would conduct minor bank grading within a maintained lawn area adjacent to the existing fishing platform to allow equipment to access the micropile installation locations within the bed of the river. A pickup or track mounted drill rig will be utilized for micropile installation. No grading would be conducted within the bed of the river. The applicant would install nine micropiles. To install micropiles, a steel pipe would be drilled into the ground, rebar would be fitted into the pipe, and then filled with concrete grout. The applicant would remove a portion of the existing fishing platform wall, located entirely on the top of the bank, to provide access to the fishing platform entrance. The applicant would remove and stockpile 5 cubic yards of existing landscape boulders onsite. Excavate an existing graveled area and sawcut existing concrete surface and pour the concrete beam that would serve as the

transition between the platform and shore. All concrete work would be conducted in the dry. The applicant would install the fishing platform and replace the landscape boulders.

PURPOSE: To construct an American with Disability Act accessible bank fishing platform on the Lewis River.

ADDITIONAL INFORMATION: Copies of this public notice which have been mailed or otherwise physically distributed feature project drawings in black and white. The electronic version features those drawings in color, which we think more accurately communicates the scope of project impacts. To access the electronic version of this public notice, go to the Seattle District's web page at <http://www.nws.usace.army.mil/> and under the heading Open Public Comment Periods select Regulatory Public Notices. Recently-issued public notices are listed in chronological order of the date of issuance. Select and view the listing for this project.

The wetland boundaries and location of the ordinary high-water mark shown on the project drawings have not yet been verified by the U.S. Army Corps of Engineers (Corps). If the Corps determines the boundaries of the wetland/waters are substantially inaccurate a new public notice may be published.

MITIGATION: The applicant did not propose compensatory mitigation.

ENDANGERED SPECIES: The Endangered Species Act (ESA) requires federal agencies to consult with the National Marine Fisheries Service (NMFS) and U.S. Fish and Wildlife Service (USFWS) pursuant to Section 7 of the ESA on all actions that may affect a species listed (or proposed for listing) under the ESA as threatened or endangered or any designated critical habitat. The Federal Energy Regulatory Commission (FERC), as the lead agency for ESA consultation, consulted with the NMFS and the USFWS as required under Section 7 of the ESA during the FERC licensing process. A Biological Opinion was issued and most recently amended on February 3, 2015

ESSENTIAL FISH HABITAT: The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996, requires all Federal agencies to consult with the NMFS on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed action would impact EFH in the project area. FERC as the lead agency completed consultation under the Magnuson-Stevens Fishery Conservation and Management Act. A Biological Opinion was issued and most recently amended February 3, 2015.

CULTURAL RESOURCES: FERC as the lead agency for determining compliance with Section 106 of the National Historic Preservation Act, will consult with the State Historic Preservation Officer and Native American Nations as appropriate.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs,

considerations of property ownership, and, in general, the needs and welfare of the people. The Washington Department of Ecology has or will evaluate the proposed project in accordance with Section 401 of the Clean Water Act and for consistency with the Coastal Zone Management Act.

The U.S. Army Corps of Engineers is soliciting comments from the public; Native American Nations or tribal governments; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for the work. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

COMMENT AND REVIEW PERIOD: Conventional mail or e-mail comments on this public notice will be accepted and made part of the record and will be considered in determining whether authorizing the work would not be contrary to the public interest. In order to be accepted, e-mail comments must originate from the author's e-mail account and must include on the subject line of the e-mail message the permit applicant's name and reference number as shown below. All e-mail comments should be sent to brad.a.johnson2@usace.army.mil. Conventional mail comments should be sent U.S. Army Corps of Engineers, Regulatory Branch, 4735 E. Marginal Way S, Bldg 1202, Seattle, Washington, 98134-2388. Either conventional mail or e-mail comments must include the permit applicant's name and reference number, as shown below, and the commenter's name, address, and phone number. All comments received will become part of the administrative record and are subject to public release under the Freedom of Information Act including any personally identifiable information such as names, phone numbers, and addresses. All comments whether conventional mail or e-mail must reach this office, no later than the expiration date of this public notice to ensure consideration. Please include the following name and reference number:

PacifiCorp, NWS-2023-202

Encl: Figures (10)

1

2

3

4

5

6

7

8

Legend**Permanent fill**

- Micropile installation in the wet
- Micropile installation in the dry
- Steel and fiberglass platform structure (above the bed of the Lewis River)

Temporary removal and fill

- Concrete beam excavation and installation
- Minor bank grading for micropile installation access
- Reset landscape boulders

Permanent removal

- Existing fishing platform wall

Note: all proposed work is below the OHWM and 100-year floodplain of the Lewis River.

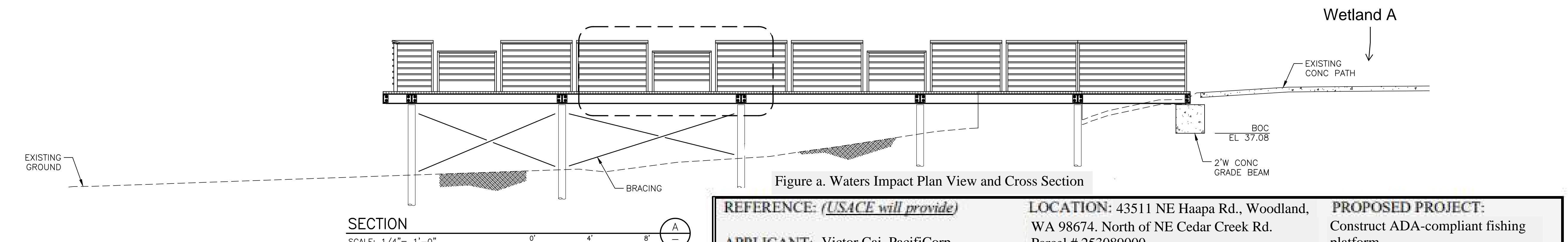
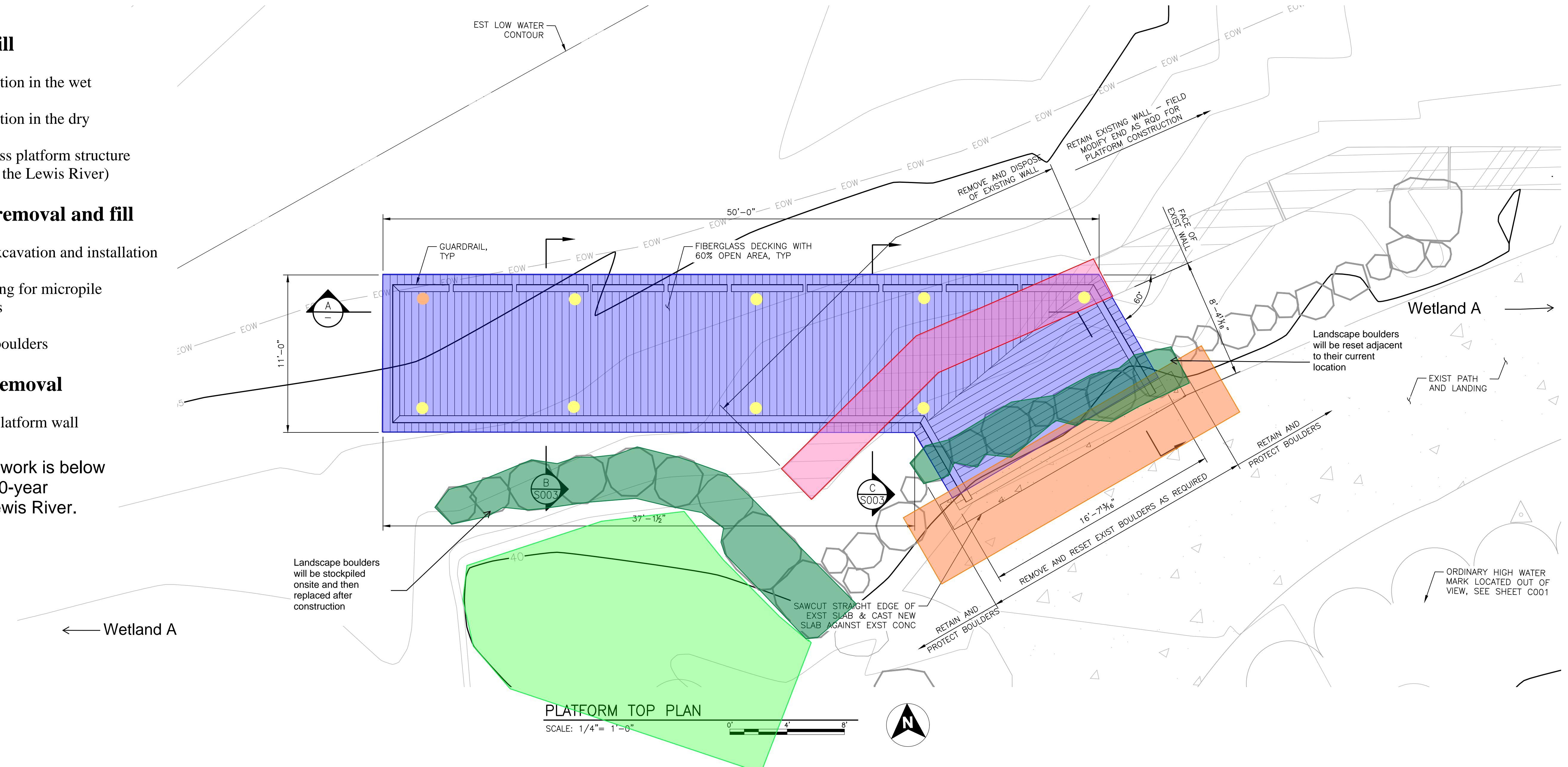


Figure a. Waters Impact Plan View and Cross Section

REFERENCE: (*USACE will provide*)

APPLICANT: Victor Cai, PacifiCorp

ADJACENT PROPERTY OWNERS:

- SEE JARPA FOR ADJACENT
- PROPERTY OWNERS

LOCATION: 43511 NE Haapa Rd., Woodland, WA 98674. North of NE Cedar Creek Rd. Parcel # 253089000

LAT/LONG: 45.935914° / -122.637597°

PAGE 1 OF 10 DATE: 2/15/2023

PROPOSED PROJECT:
Construct ADA-compliant fishing platform

IN: Lewis River

NEAR/AT: Woodland, WA

COUNTY: Clark

STATE: WA

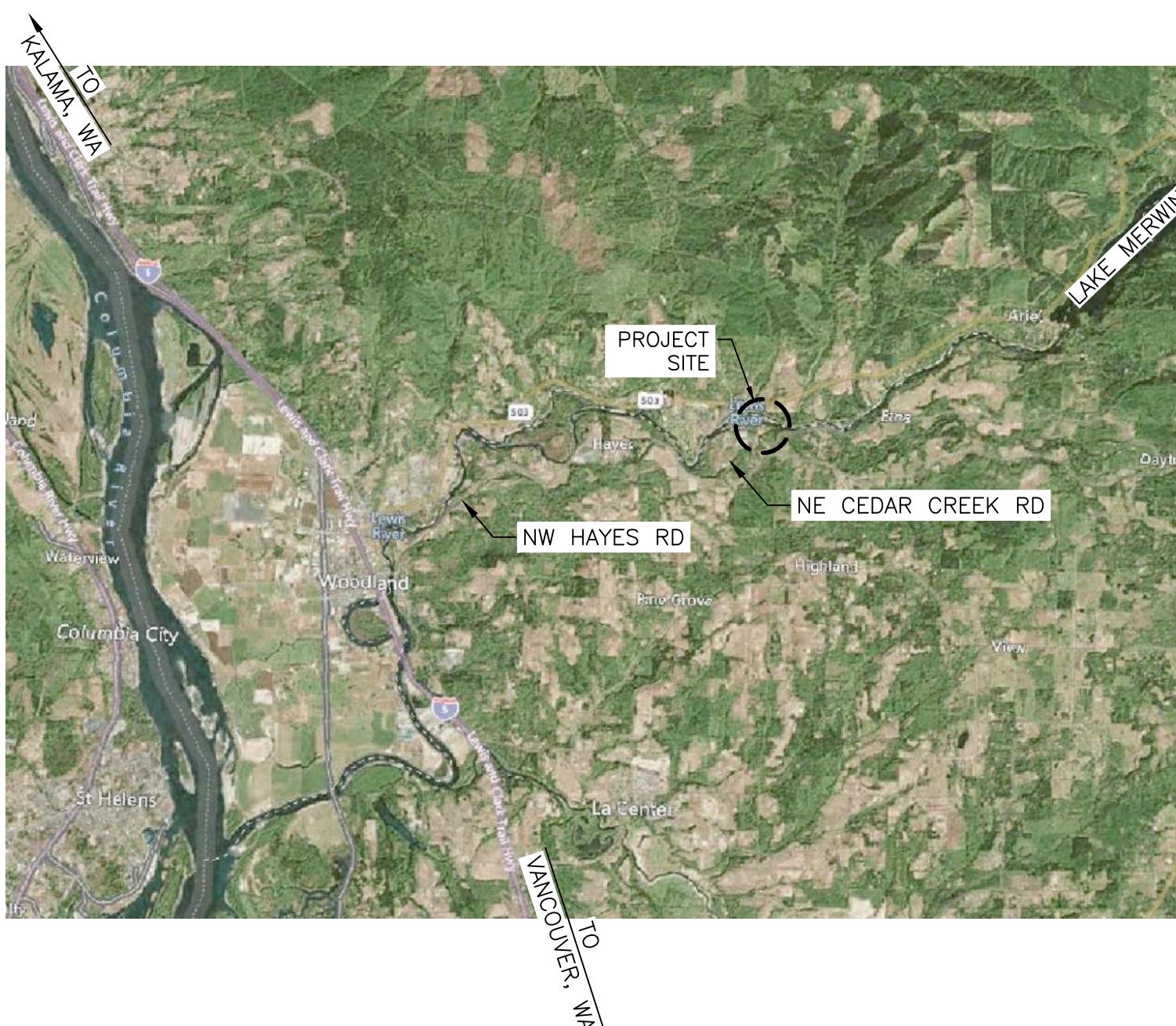
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DATE		DATE		DATE		DATE		DATE		DATE		DATE		DATE	
A 12/15/21	30%	B 05/13/22	60%	C 12/26/22	REvised FRAMING PLAN – 60%	DESIGN REVIEW SUBMITTAL									
REVISION		REVISION		REVISION		REVISION		REVISION		REVISION		REVISION		REVISION	

PACIFICORP
HAAPA ADA FISHING PLATFORM
60% DESIGN REVIEW
RESUBMITTAL



VICINITY MAP

NTS



LOCATION MAP



PROJECT SITE PLAN



PRELIMINARY
NOT FOR CONSTRUCTION

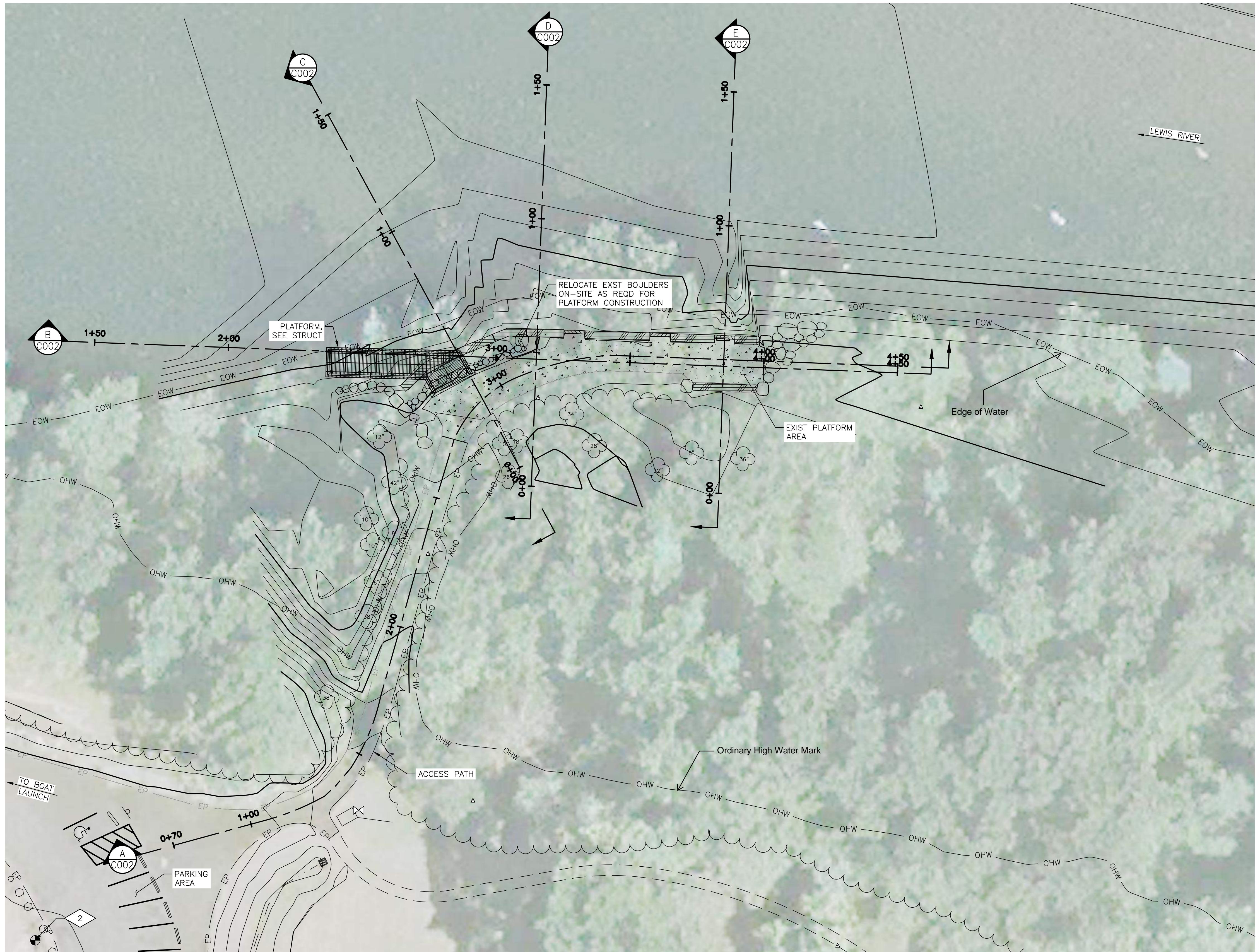


DRAWING INDEX

SHEET NO	DRAWING NO	DESCRIPTION
GENERAL		
1	G001	VICINITY MAP, LOCATION MAP AND PROJECT SITE PLAN
CIVIL		
2	C001	OVERALL CIVIL PLAN AND GENERAL CIVIL NOTES
3	C002	CIVIL PROFILES
STRUCTURAL		
4	GS001	GENERAL STRUCTURAL NOTES
5	S001	PLATFORM PLAN AND SECTION
6	S002	PLATFORM FRAMING PLAN
7	S003	PLATFORM FRAMING SECTIONS AND DETAILS
8	S004	CROSS BRACING PLAN AND SECTIONS

Reference Number: 100-00000
Applicant Name: Victor Cai, PacifiCorp
Proposed Project: Haapa Fishing Platform
Location: Woodland, WA
Sheet # of # 2 of 10 **Date:** 2/15/2023

SAP#	HAAPA ADA FISHING PLATFORM		
PL#			
DATE DECEMBER 26, 2022	VICINITY MAP, LOCATION MAP AND PROJECT SITE PLAN		
ENG CCB DES JJF			
DR JTL CH CCB			
APPROVAL			
 PACIFICORP <small>A BERKSHIRE HATHAWAY ENERGY COMPANY</small>		HYDRO	
SCALE: AS NOTED		SHEET 1	G001
			REV. —
7		8	
BORDER REVISED 03/17			



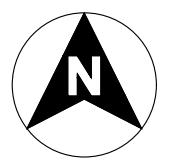
SURVEY CONTROLS TABLE				
POINT NO	NORTHING	EASTING	ELEV	DESCRIPTION
1	227022.183	1096436.435	53.28	1/2" IR RPC "SWLS"
2	226999.431	1096718.236	48.52	1/2" IR RPC "SWLS"

NOTE:
1. CONTROL POINT NO 1 IS LOCATED OUT OF VIEW TO THE WEST OF PROJECT SITE AND NOT SHOWN.

Reference Number:
Applicant Name: Victor Cai, PacifiCorp
Proposed Project: Haapa Fishing Platform
Location: Woodland, WA
Sheet # of # 3 of 10 **Date:** 2/15/2023

OVERALL CIVIL PLAN

SCALE: 1" = 20'



PRELIMINARY
NOT FOR CONSTRUCTION

River Structures CONSULTING

SAP#	PL#
DATE	DECEMBER 26, 2022
ENG	CCB
DR	JTL
APPROVAL	

HAAPA ADA FISHING PLATFORM

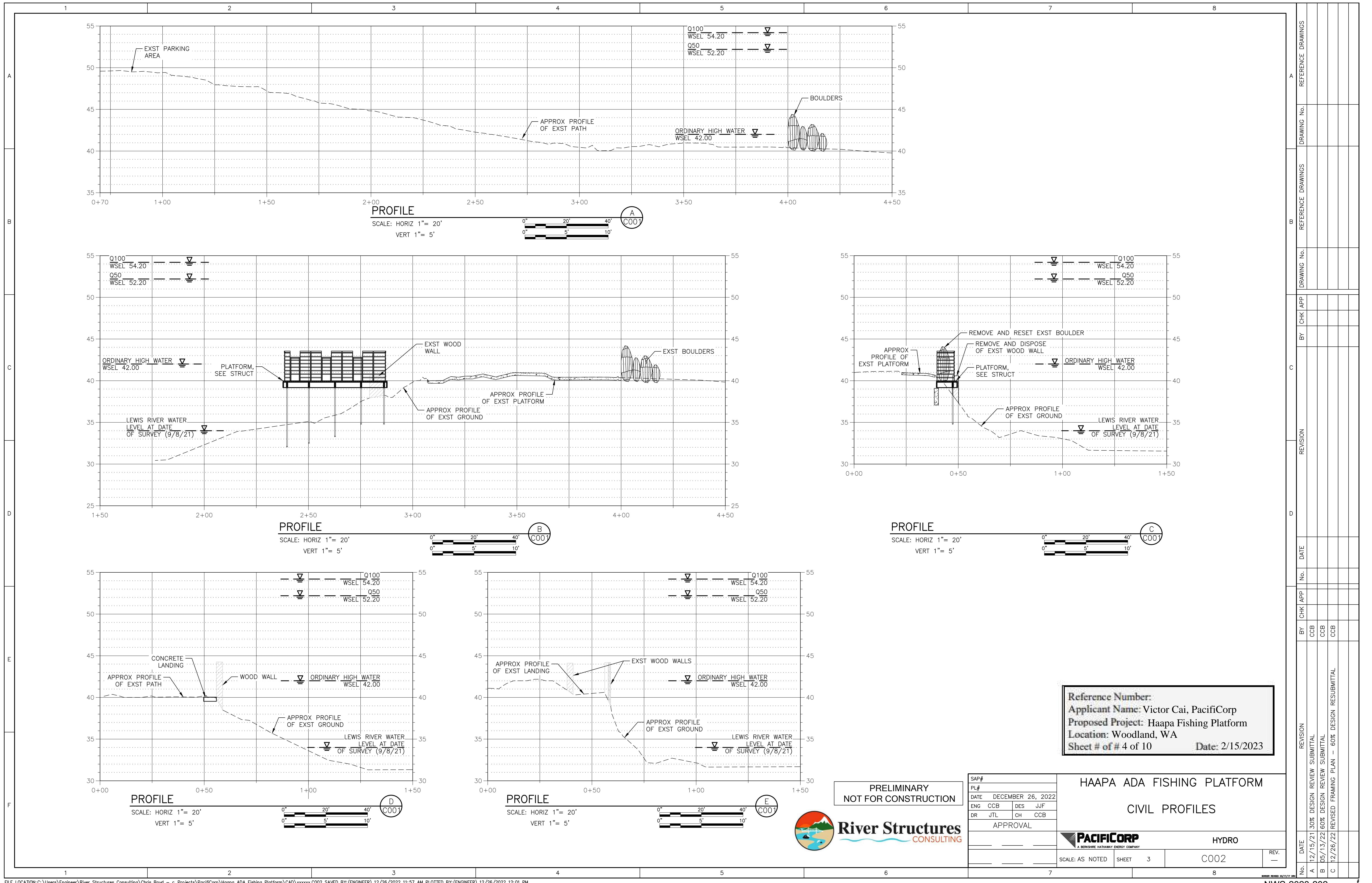
OVERALL CIVIL PLAN AND GENERAL CIVIL NOTES



HYDRO

SCALE: AS NOTED SHEET 2 CO01 REV. —

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
REFERENCE DRAWINGS																										
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REVISION	REVISION																									



GENERAL STRUCTURAL NOTES:
THE FOLLOWING NOTES ARE GENERAL AND APPLY TO THE ENTIRE PROJECT, UNLESS SPECIFICALLY NOTED OTHERWISE (UNO)

1) GENERAL:

- A. IBC = 2015 INTERNATIONAL BUILDING CODE
- B. CONSTRUCTION DOCUMENTS:
 - 1. THE CONTRACTOR SHALL REVIEW THE APPROVED CONTRACT DOCUMENTS AND NOTIFY THE ENGINEER OF ANY ERRORS OR DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.
 - 2. THE CONTRACTOR SHALL FURNISH AND INSTALL EVERYTHING REQUIRED TO PROVIDE A COMPLETE STRUCTURE AS SHOWN HEREIN. IF THERE IS AN OMISSION ON THE PLANS, SUCH OMISSION SHALL NOT BE CONSTRUED TO MEAN THAT THE CONTRACTOR IS NOT REQUIRED TO FURNISH OR PROVIDE EVERYTHING THAT IS NECESSARY TO COMPLETE THE PROJECT TO THE MINIMUM REQUIREMENTS OF THE IBC AND ALL OTHER SPECIFICATIONS, CODES AND STANDARDS NOTED ON THE APPROVED CONTRACT DOCUMENTS.
 - 3. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY IF ANY UNIDENTIFIED EXISTING UNDERGROUND UTILITIES ARE DISCOVERED. THE ENGINEER IS NOT RESPONSIBLE FOR THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES WHETHER OR NOT SHOWN ON THE DRAWINGS.
 - 4. THE STRUCTURAL CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, BRACING AND/OR SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. CONTRACTOR AT HIS/HER OWN EXPENSE SHALL ENGAGE PROPERLY QUALIFIED PERSONS TO DESIGN BRACING, SHORING, ETC. OBSERVATION VISITS TO THE SITE BY THE ENGINEER SHALL NOT INCLUDE OBSERVATION OF THE ABOVE NOTED ITEMS.
 - 5. UNDER NO CIRCUMSTANCES CAN STRUCTURAL COMPONENTS BE SUBSTITUTED, OMITTED, OR ALTERED FROM THE APPROVED SET OF CONSTRUCTION DOCUMENTS WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.

B. DIMENSIONS AND NOTATIONS:

- 1. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS.
- 2. ABBREVIATIONS USED ON THE APPROVED CONTRACT DOCUMENTS SHALL BE CONSIDERED TYPICAL ABBREVIATIONS FOR THE INDUSTRY. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY ABBREVIATIONS THAT ARE UNKNOWN TO THE CONTRACTOR.

C. SHOP DRAWINGS:

- 1. SHOP DRAWINGS, AS REQUIRED PER THESE STRUCTURAL NOTES, SHALL BE SUBMITTED TO THE ENGINEER IN A TIMELY FASHION PRIOR TO FABRICATION TO ALLOW FOR PROPER REVIEW.
- 2. SHOP DRAWING ITEMS SHALL NOT BE INSTALLED UNTIL THE CONSTRUCTION DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL AND SHOP DRAWINGS HAVE BEEN APPROVED BY THE ENGINEER.
- 3. DURING SHOP DRAWING REVIEW, DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER AND MUST BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW AND STAMP SHOP DRAWINGS PRIOR TO REVIEW BY ENGINEER.

D. SPECIAL INSPECTION:

- 1. THE OWNER SHALL EMPLOY A SPECIAL INSPECTION SERVICE AS REQUIRED PER THESE STRUCTURAL NOTES.
- E. TYPICAL NOTES AND DETAILS:
 - 1. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER STANDARD TYPICAL NOTES AND DETAILS.
 - 2. STANDARD TYPICAL NOTES AND DETAILS ARE TO BE USED WHEN REFERRED TO OR WHEN NO OTHER MORE RESTRICTIVE OR DIFFERENT DETAILS ARE SHOWN ON THE DRAWINGS.
 - 3. WORK NOT PARTICULARLY SHOWN OR SPECIFIED SHALL BE THE SAME AS SIMILAR PARTS THAT ARE SHOWN OR SPECIFIED.

F. CODE REQUIREMENTS:

- 1. ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING CODES:
 - IBC
 - ANY OTHER REGULATING AGENCIES WHICH MAY HAVE AUTHORITY OVER ANY PORTION OF THE WORK.
- 2. SPECIFICATIONS, CODES AND STANDARDS NOTED SHALL BE OF THE LATEST APPROVED ISSUE, INCLUDING SUPPLEMENTS, UNLESS NOTED OTHERWISE.

2) FOUNDATIONS AND GEOTECHNICAL:

- A. GEOTECHNICAL DESIGN CRITERIA IS BASED ON THE RECOMMENDATIONS CONTAINED IN GEOTECHNICAL INVESTIGATION – HAAPA FISHING PLATFORM BY ATLAS TECHNICAL CONSULTANTS, LLC DATED DECEMBER 20, 2021.
- B. FOR FROST PROTECTION, THE BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE 30 INCHES MINIMUM BELOW ADJACENT FINISHED GRADE, UNO.
- C. STRUCTURAL BACKFILL SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D1557. BRACE WALLS AND PIERS AS REQUIRED DURING BACKFILLING OPERATIONS.

3) CONCRETE:

- A. ALL CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF ACI 301 AND ACI 117, EXCEPT AS MODIFIED BY THE FOLLOWING SUPPLEMENTAL REQUIREMENTS:
 - B. ALL FOUNDATION CONCRETE SHALL BE NORMAL WEIGHT CONCRETE.
 - C. CONCRETE MIX DESIGN SHALL BE ESTABLISHED IN ACCORDANCE WITH CHAPTER 5 OF ACI 318.
- D. APPROVED ADMIXTURES:
 - 1. FLYASH PER ASTM C-618
 - 2. AIR ENTRAINING PER ASTM C-260
 - 3. WATER REDUCING PER ASTM C-494
- E. REINFORCEMENT FOR CONCRETE:
 - 1. ALL REINFORCING SHALL BE SUPPORTED IN FORMS SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER IN ACCORDANCE WITH THE LATEST EDITION OF THE CRSI "MANUAL OF STANDARD PRACTICE"
 - a) DEFORMED BARS – ASTM A615, GRADE 60
 - b) WELDED WIRE REINFORCEMENT (WWR):
 - SMOOTH WIRE – ASTM A185
 - DEFORMED WIRE – ASTM A497
 - USE FLAT MATS ONLY. NO ROLLED WWR IS PERMITTED.
 - F. MINIMUM CONCRETE COVER OVER REINFORCEMENT FOR HYDRAULIC AND ENVIRONMENTAL STRUCTURES:
 - 1. CAST-IN-PLACE CONCRETE
 - a) CONCRETE CAST AGAINST EARTH = 3"
 - b) ALL OTHER CONCRETE = 2"
 - 2. PRECAST CONCRETE MANUFACTURED UNDER CONTROLLED CONDITIONS
 - a) ALL CONCRETE = 1.5"
 - G. FORMWORK: DESIGN, ERECT, SUPPORT, BRACE AND MAINTAIN FORMWORK TO SUPPORT VERTICAL, LATERAL, STATIC AND DYNAMIC LOADS THAT MIGHT BE APPLIED UNTIL STRUCTURE CAN SUPPORT SUCH LOADS.

4) STRUCTURAL AND MISCELLANEOUS STEEL:

- A. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE LATEST EDITION OF THE AISC SPECIFICATIONS.
- B. WELDS: PROVIDE 70ksi LOW HYDROGEN ELECTRODE OR PROCESS IN ACCORDANCE WITH AWS D5.1.
- C. EPOXY BOLT OR EXPANSION BOLT SUBSTITUTIONS FOR EMBEDDED BOLTS IS PROHIBITED WITHOUT WRITTEN CONSENT FROM THE ENGINEER.
- D. ALL STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE, EXCEPT AS MODIFIED IN THESE NOTES AND THE PROJECT SPECIFICATIONS.
- E. SPLICING OF STEEL MEMBERS, UNLESS SHOWN ON THE DRAWINGS, IS PROHIBITED WITHOUT WRITTEN APPROVAL OF THE PROJECT ENGINEER.

5) DESIGN LOADING:

- A. DESIGN LOADS ARE PROVIDED IN THE DESIGN CRITERIA TABLE ON THIS SHEET.
- B. AT NORMAL OPERATING WATER LEVEL THE PLATFORM LOADING OF 100PSF WAS APPLIED OVER THE ENTIRE PLATFORM DECK.
- C. AT THE 100-YEAR FLOOD LEVEL A HORIZONTAL FORCE OF 500-PLF WAS APPLIED TO THE PLATFORM.
- D. THE BREAK-AWAY RAILING WAS DESIGNED TO SUPPORT UP TO 250-PLF ALONG THE TOP OF THE RAIL. IF LOAD EXCEEDS 250-PLF THE SHEAR PIN WILL FAIL AND THE RAIL WILL LAY ON THE DECK.

DESIGN CRITERIA	
DESIGN LOADS	
FLOOR LOADS	
LIVE LOAD	100 PSF
HYDRAULIC LOAD	
100-YEAR FLOOD	
STREAM VELOCITY	8 FT PER SECOND
HANDRAIL BLOCKAGE	100%
FORCE APPLIED TO RAIL	250 PLF
FORCE APPLIED TO STRUCTURE	500 PLF

STRUCTURAL AND MISCELLANEOUS STEEL	
WIDE FLANGE SHAPES	ASTM A992
SHAPES, PLATES, BARS	ASTM A36
HSS	ASTM A500, GRADE B
PIPE, PIPE COLUMNS, BOLLARDS	ASTM A53, TYPE E OR S, GRADE B STANDARD WEIGHT UNO
BOLTS	
STEEL TO STEEL CONNECTIONS	ASTM A325
STEEL TO CONCRETE CONNECTIONS	ASTM A307
STEEL TO CMU CONNECTIONS	ASTM A307
SHEAR PIN	TO BE DETERMINED

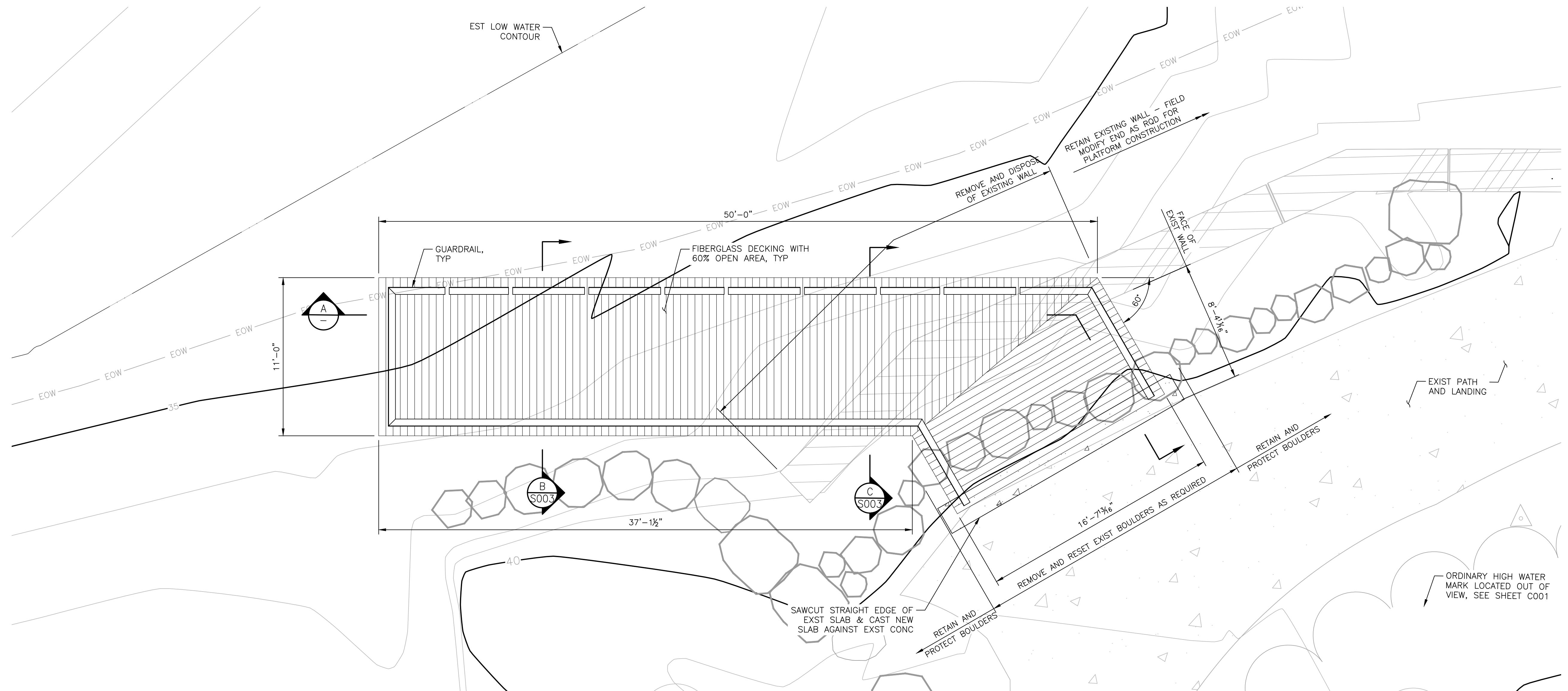
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C	BY	CHK APP					
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D	BY	CHK APP					
	CCB	CCB					
E	BY	CHK APP					
	CCB	CCB					
F	BY	CHK APP					
	CCB	CCB					

Reference Number:
Applicant Name: Victor Cai, PacifiCorp
Proposed Project: Haapa Fishing Platform
Location: Woodland, WA
Sheet # of 5 of 10 Date: 2/15/2023



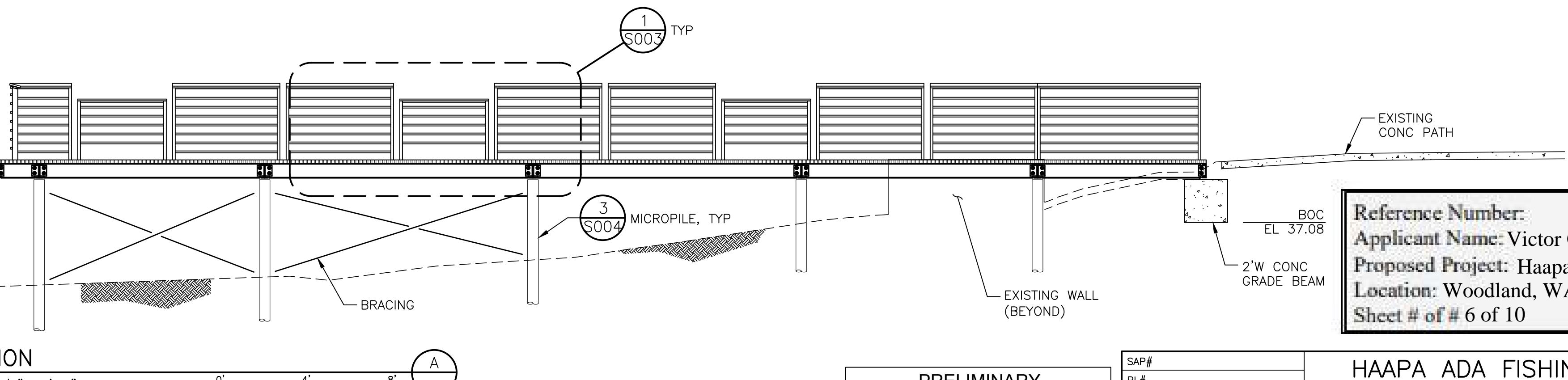
PRELIMINARY
NOT FOR CONSTRUCTION

SAP#	HAAPA ADA FISHING PLATFORM	
PL#	GENERAL STRUCTURAL NOTES	
DATE	DECEMBER 26, 2022	
ENG	CCB	DES JUF
DR	JTL	CH CCB
APPROVAL		
SCALE: AS NOTED	SHEET 4	GS001
REV.		



PLATFORM TOP PLAN

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



Reference Number:
Applicant Name: Victor Cai, PacifiCorp
Proposed Project: Haapa Fishing Platform
Location: Woodland, WA
Sheet # of # 6 of 10 Date: 2/15/2023



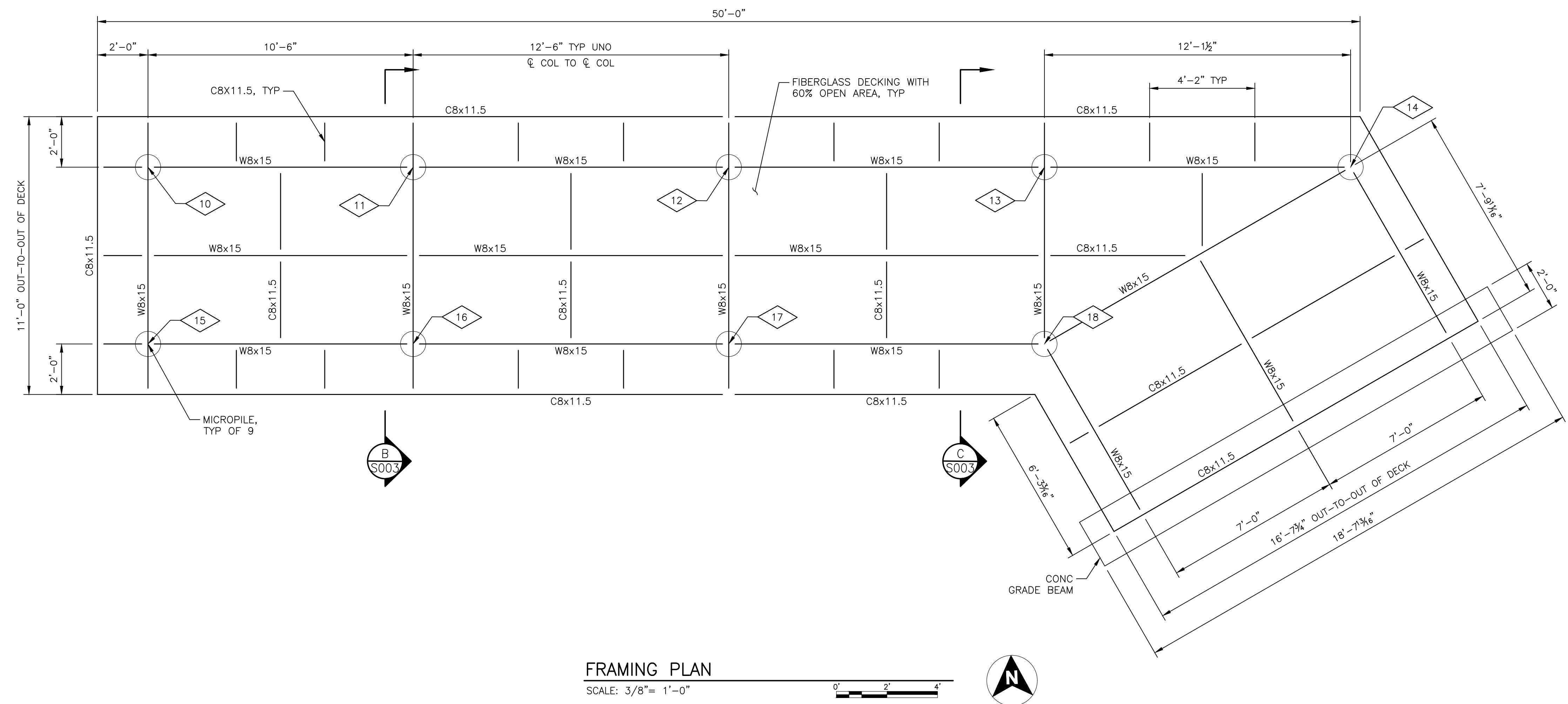
PRELIMINARY
NOT FOR CONSTRUCTION

SAP#
PL#
DATE
ENG
DR

HAAPA ADA FISHING PLATFORM

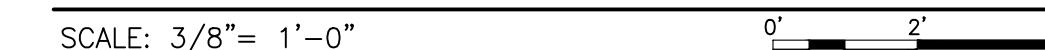
PLATFORM AN AND SECTION

DECEMBER 26, 2022						
CCB	DES	JJF				
JTL	CH	CCB				
APPROVAL						
 PACIFICORP A BERKSHIRE HATHAWAY ENERGY COMPANY						
HYDRO						
SCALE: AS NOTED		SHEET	5	S001		REV. —
7					8	
BORDER REVISED 03/						



FRAMING PLAN

SCALE: 3/8" = 1'-0"

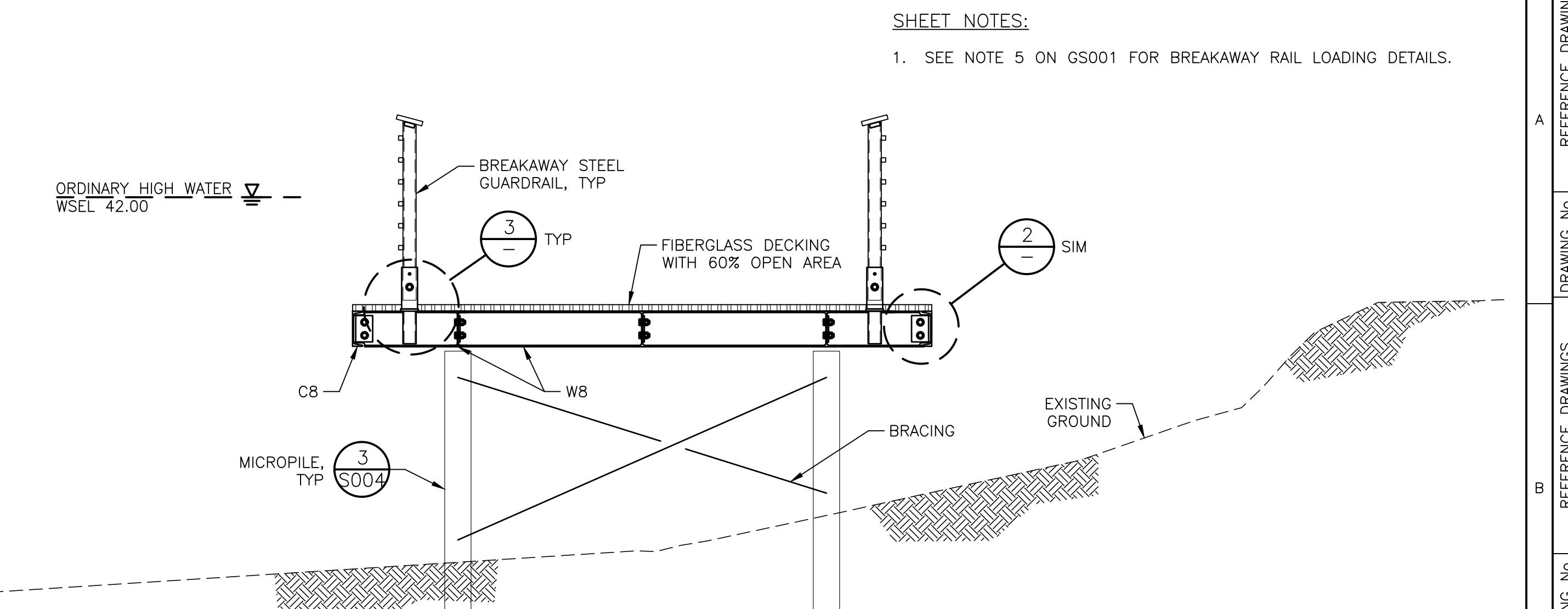
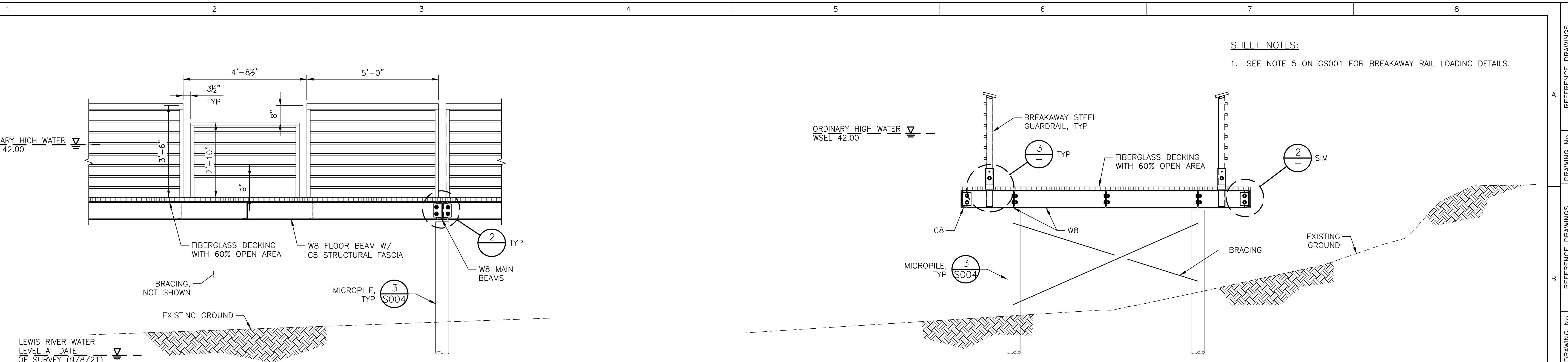


PILE COORDINATE TABLE		
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11	227218.26	1096839.48
12	227217.94	1096851.97
13	227217.61	1096864.47
14	227217.30	1096876.59
15	227211.53	1096828.80
16	227211.26	1096839.30
17	227210.94	1096851.79
18	227210.62	1096864.29

Reference Number:
 Applicant Name: Victor Cai, PacifiCorp
 Proposed Project: Haapa Fishing Platform
 Location: Woodland, WA
 Sheet # of # 7 of 10 Date: 2/15/2023

PRELIMINARY
NOT FOR CONSTRUCTION

HAAPA ADA FISHING PLATFORM					
PLATFORM FRAMING PLAN					
SAP#	PL#	BY	CHK APP	DATE	REVISION
		CCB	CCB	DECEMBER 26, 2022	A 12/15/21 30%
ENG	CCB	DES	JUF		B 05/13/22 60%
DR	JTL	CH	CCB		C 12/26/22 REVISED FRAMING PLAN - 60% DESIGN RESUBMITTAL
APPROVAL					
PACIFICORP A BERKSHIRE HATHAWAY ENERGY COMPANY					
HYDRO					
SCALE: AS NOTED	SHEET	6	S002	REV.	—



TYPICAL BREAKAWAY GUARDRAIL

SCALE: 1/2" = 1'-0" 0' 2' 4' S001

SECTION

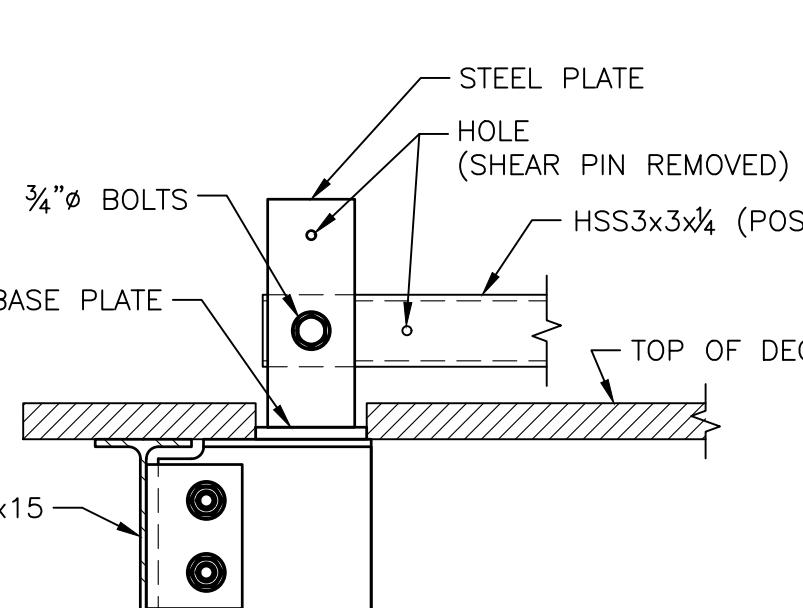
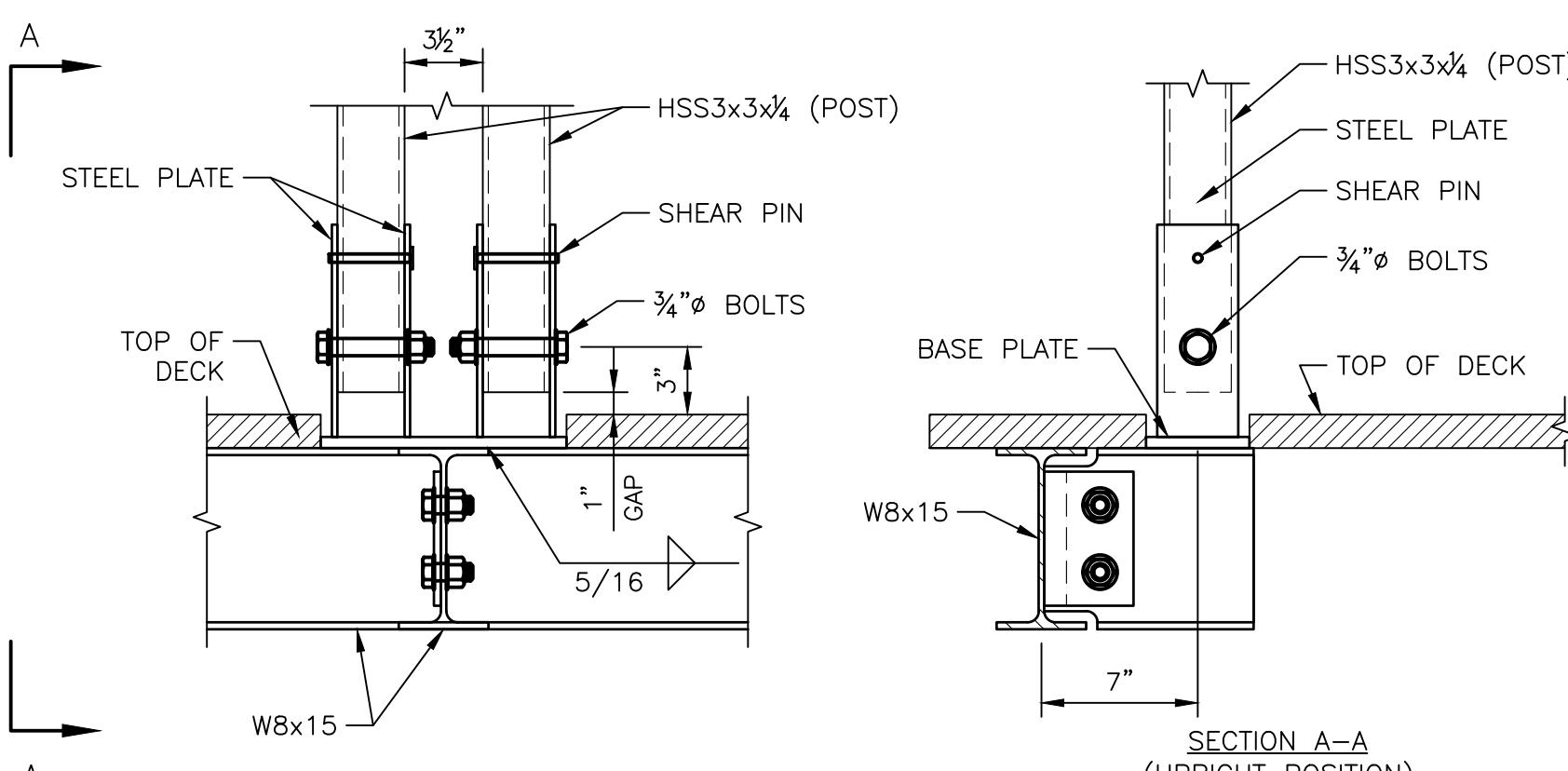
SCALE: 1/2" = 1'-0" 0' 2' 4' B S001

TYPICAL BEAM CONNECTION DETAIL

SCALE: 1 1/2" = 1'-0" 0' 8' 16' 2 -

SECTION

SCALE: 1/2" = 1'-0" 0' 2' 4' C S001



RAIL POST CONNECTION DETAIL

SCALE: 1 1/2" = 1'-0" 0' 8' 16' 3 -



PRELIMINARY
NOT FOR CONSTRUCTION

SAP#			
PL#			
DATE	DECEMBER 26, 2022		
ENG	CCB	DES	JUF
DR	JTL	CH	CCB

APPROVAL

HAAPA ADA FISHING PLATFORM

PLATFORM FRAMING SECTIONS AND DETAILS



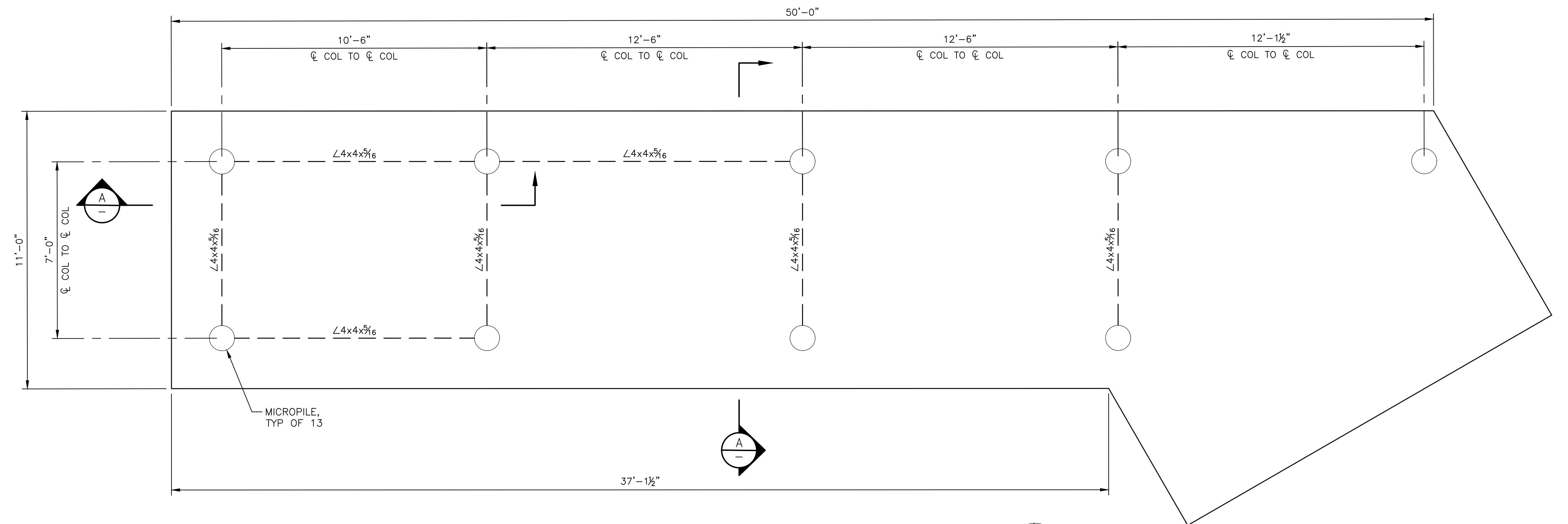
HYDRO

SCALE: AS NOTED SHEET 7 S003 REV. —

REFERENCE DRAWINGS		REFERENCE DRAWINGS		REFERENCE DRAWINGS		REFERENCE DRAWINGS	
DRAWING NO.	DRAWING NO.						
BY	CHK APP						
REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION	REVISION
PL#	PL#	PL#	PL#	PL#	PL#	PL#	PL#
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
CCB	CCB	CCB	CCB	CCB	CCB	CCB	CCB
05/13/22	12/15/21	05/13/22	12/15/21	05/13/22	12/15/21	05/13/22	12/15/21
60%	30%	60%	30%	60%	30%	60%	30%
REVISED FRAMING PLAN	DESIGN REVIEW SUBMITTAL						

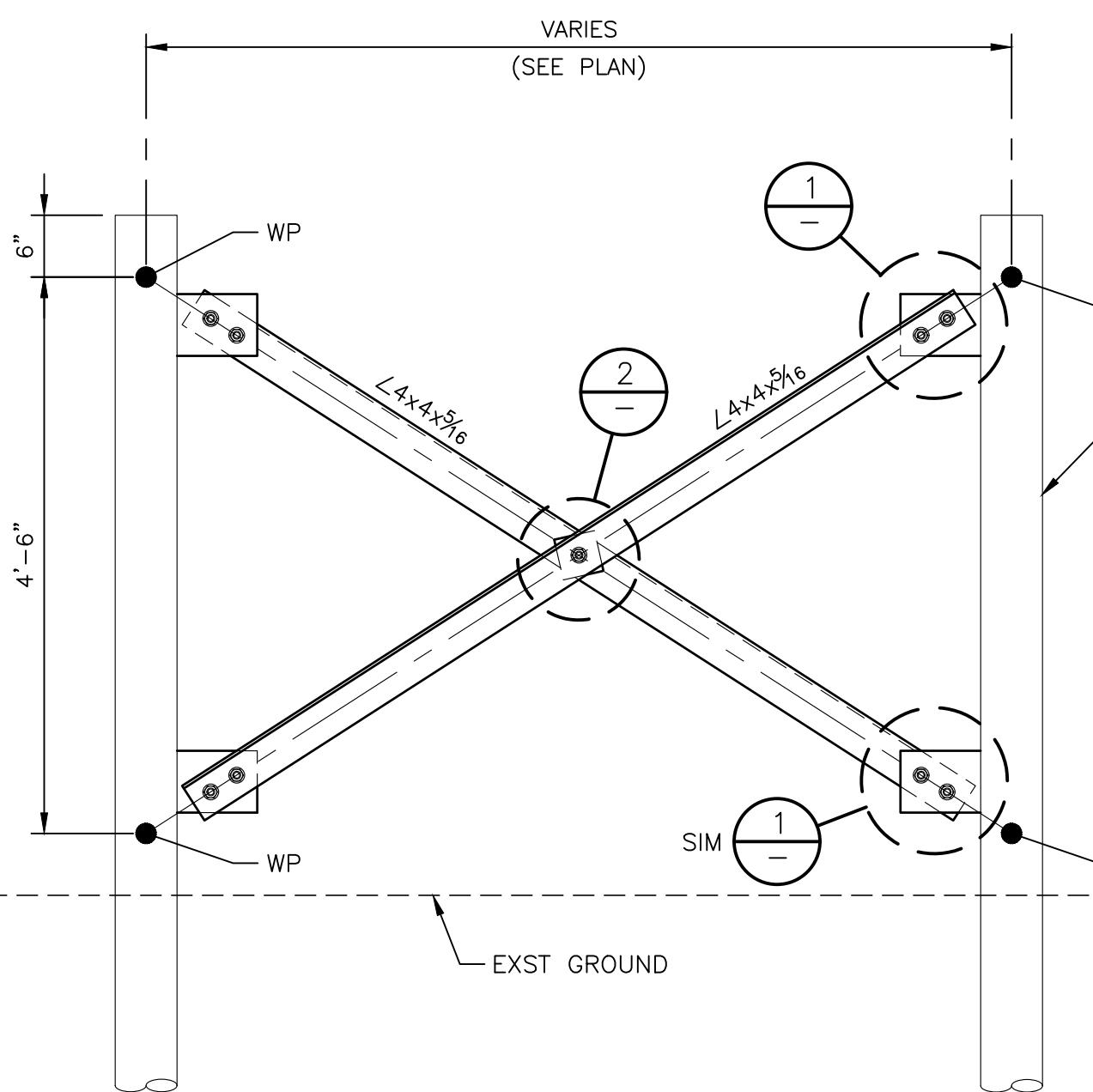
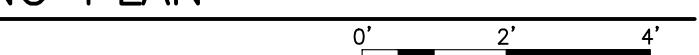
SHEET NOTES:

- SEE NOTE 5 ON GS001 FOR BREAKAWAY RAIL LOADING DETAILS.



CROSS BRACING PLAN

SCALE: 3/8" = 1'-0"

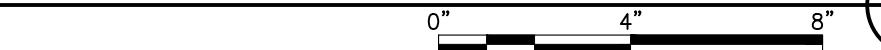


SECTION

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



SCALE: 3" = 1'-0"



SCALE: 3" = 1'-0"



Reference Number:

Applicant Name: Victor Cai, PacifiCorp
Proposed Project: Haapa Fishing Platform
Location: Woodland, WA



HAAPA ADA FISHING PLATFORM

ROSS BRACING PLAN AND SECTIONS

PACIFIC CORP

A BERKSHIRE HATHAWAY ENERGY COMPANY

HYDRO

HYDRO

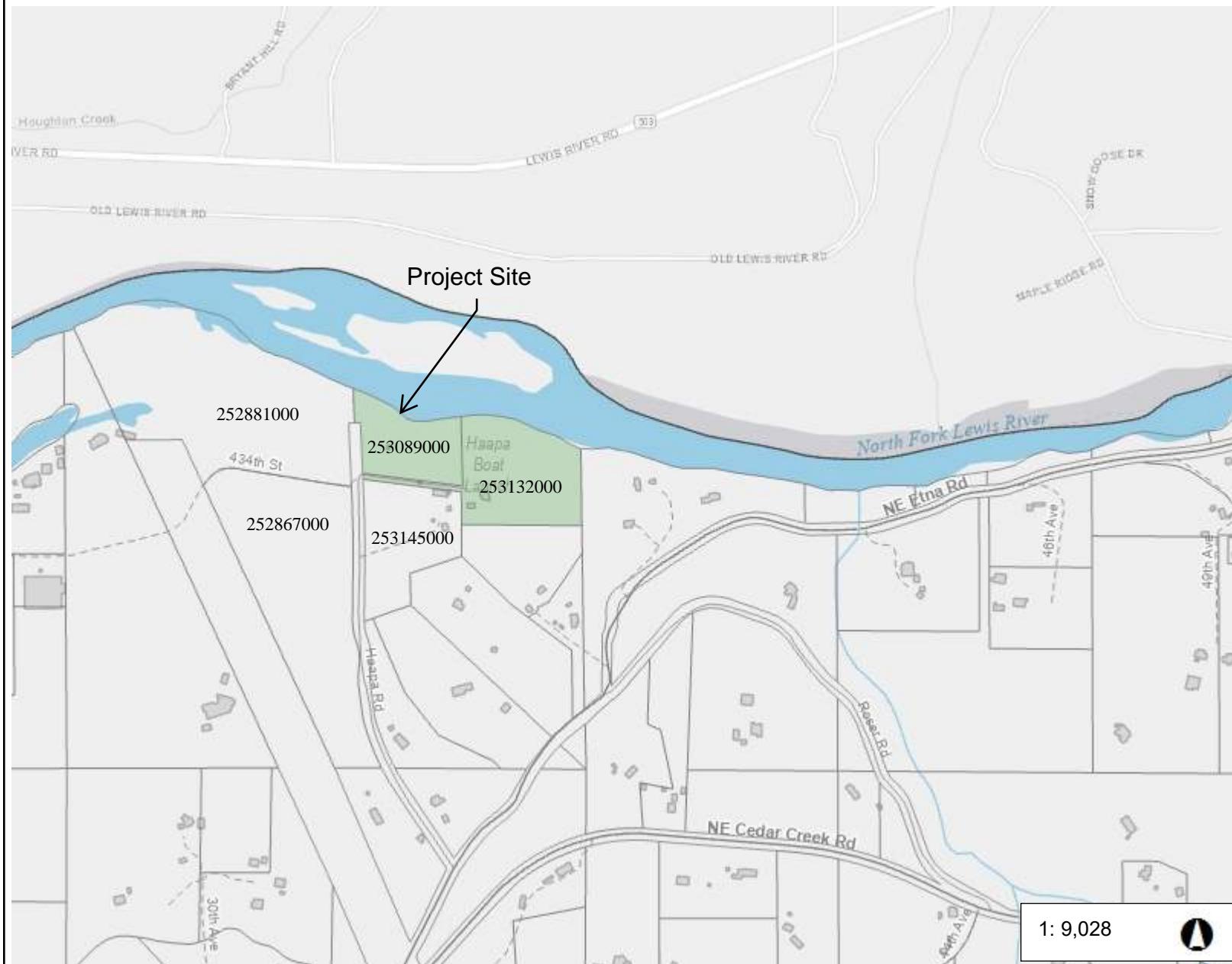
SAP#
PL#
DATE DECE
ENG CCB
DR JTL
APP

PACIFIC CORP
A BERKSHIRE HATHAWAY ENERGY COMPANY

HYDRO



Parcel Map



1,504.7 0 752.33 1,504.7 Feet
WGS_1984_World_Mercator_Auxiliary_Sphere
Clark County, WA. GIS - <http://gis.clark.wa.gov>

This map was generated by Clark County's "MapsOnline" website. Clark County does not warrant the accuracy, reliability or timeliness of any information on this map, and shall not be held liable for losses caused by using this information.



Legend

- Building Footprints
- Taxlots

Project Site:
45.935914° / -122.637597°
T5R R1E S12 NW 1/4

Notes:

Reference Number:
Applicant Name: Victor Cai, PacifiCorp
Proposed Project: Haapa Fishing Platform
Location: Woodland, WA
Sheet # of # 10 of 10 Date: 2/15/2023