SAN FRANCISCO BAY AREA WATER EMERGENCY TRANSPORTATION AUTHORITY

San Francisco Bay Ferry
A SERVICE OF WETA

REQUEST FOR PROPOSALS

VALLEJO FERRY TERMINAL RECONFIGURATION PROJECT



VOLUME 5

PRELIMINARY DESIGN DRAWINGS & BASIS OF DESIGN

RFP 25-053

SEPTEMBER 28, 2026

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SAN FRANCISCO BAY AREA
WATER EMERGENCY TRANSPORTATION AUTHORITY

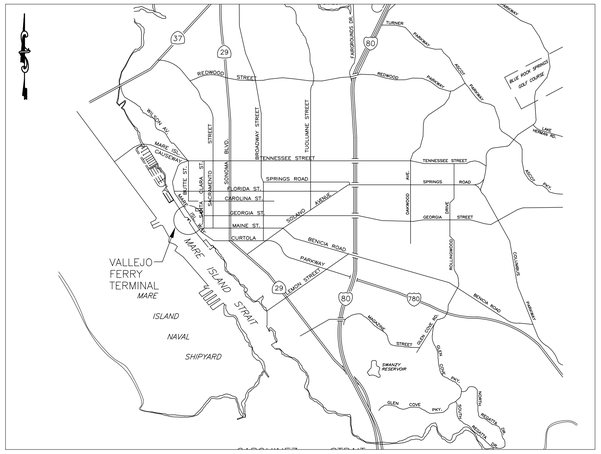
VALLEJO FERRY TERMINAL RECONFIGURATION PROJECT
REQUEST FOR PROPOSAL PACKAGE
SEPTEMBER 16, 2026

SAN FRANCISCO BAY AREA
WATER EMERGENCY TRANSPORTATION AUTHORITY

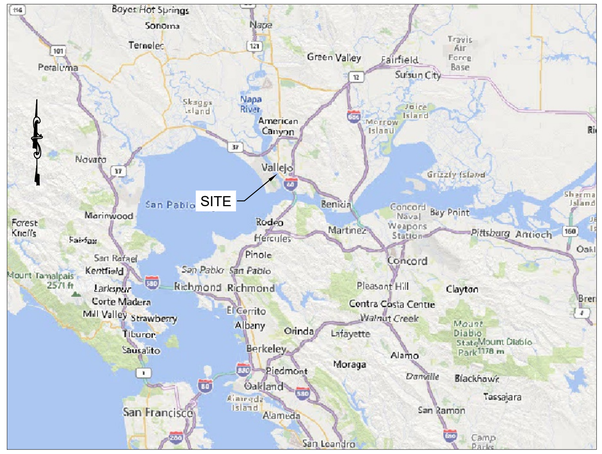
San Francisco Bay Ferry
WETA
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Prepared by:
Foth & Van Dyke and
Associates, Inc.

Foth



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

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SHEET TITLE
COVER SHEET

SHEET NUMBER
G-001

DESIGN CRITERIA:

1. STRUCTURAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE, 2025 EDITION. WORK SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL PERMIT CONDITIONS.

2. THE COMPLETED STRUCTURE HAS BEEN DESIGNED TO WITHSTAND THE FOLLOWING DESIGN LOADS APPLIED IN CONJUNCTION WITH DESIGN DREDGE/MUDLINE ELEVATIONS INDICATED ON THE CONTRACT DRAWINGS:

   a. GENERAL

STRUCTURE RISK CATEGORY	IV

   b. LIVE LOADS:

PEDESTRIAN LOAD:	100 PSF UNIFORM LOAD ON WALKING SURFACES
RAILING LOAD:	50 LB/FT UNIFORM LOAD ON RAILINGS 200 LB CONCENTRATED LOAD ON RAILINGS 300 LB CONCENTRATED LOAD ON TOP RAIL (HORIZONTAL OR VERTICAL)

   c. WIND LOAD

BASIC WIND SPEED	103 MPH
WIND EXPOSURE CATEGORY	C

   d. EARTHQUAKE LOAD

MCE_R GROUND MOTION (PERIOD=0.2S)	S_{DS}= 2.31
MCE_R GROUND MOTION (PERIOD=1.0S)	S_{D1}= 0.88
SITE-MODIFIED SPECTRAL ACCELERATION	S_{MS}= 1.7
SITE-MODIFIED SPECTRAL ACCELERATION	S_{M1}= 3.02
NUMERIC SEISMIC DESIGN VALUE AT 0.2S SA	S_{DS}= 1.14
NUMERIC SEISMIC DESIGN VALUE AT 1.0S SA	S_{D1}= 2.01
SITE CLASS	F
SEISMIC DESIGN CATEGORY	E

   e. VESSEL LOADS

DESIGN VESSEL (PYXIS CLASS FERRY VESSEL):	
OVERALL LENGTH (LOA):	43.5-METERS
BEAM (B):	12-METERS
DRAFT TO MAIN DECK (T):	3.9-METERS
DISPLACEMENT (FULLY LOADED):	236.2-METRIC TONS
APPROACH SPEED:	0.7 KNOT

   f. WAVE LOADS

NET BREAKING WAVE FORCE:	30 KIP

3. CONCRETE

a. CAST-IN-PLACE CONCRETE	F'C=5000 PSI
b. CONCRETE EXPOSURE	CLASSES F3, S1, W2, C2
c. W/CM RATIO	0.40
d. REINFORCING BARS	ASTM A615 GR. 60
e. EPOXY COATING	ASTM A775
f. WELDED WIRE REINFORCEMENT	ASTM A1064
g. PROVIDE THE FOLLOWING COVER FOR REINFORCEMENT:	

   ALL STEEL REINFORCEMENT MUST HAVE A CLEAR COVER OF 3 INCHES.

4. STEEL

a. STEEL W AND WT SHAPES	ASTM A992
b. OTHER STEEL STRUCTURAL SHAPES	ASTM A572 GR 50
c. STEEL PLATES	ASTM A572 GR 50
d. STEEL PIPE	ASTM A252, FY=50 KSI OR API 5LX52
e. BOLTED CONNECTIONS	ASTM F3125 GR A325 SNUG TIGHT U.N.O.
f. ANCHOR BOLTS	ASTM F1554 GR 55
g. WELDING ELECTRODES	E70XX

6. ALUMINUM

a. STRUCTURAL PROFILES	ASTM B308, ALLOY TYPE 6061-T6 OR 6063-T6
b. BARS, RODS, WIRES, PROFILES AND TUBES	ASTM B221, ALLOY TYPE 6061-T6 OR 6063-T6
c. STRUCTURAL PIPE AND TUBES	ASTM B249, ALLOY TYPE 6161-T6 OR 6063-T6

7. WATER LEVELS:

   WATER LEVELS DETERMINED WITH THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) VERTICAL DATUM TRANSFORMATION TOOL (VDATUM) ON 4/2/2025 FOR 38.1002547N, -122.262367W.

TIDE LEVELS	MLLW	NAVD88
MHHW	6.0	6.2
MHW	5.4	5.6
MLW	1.0	1.2
MLLW	0.0	0.2
NAVD88	-0.2	0.0

8. THE STRUCTURES HAVE BEEN DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER CONSTRUCTION IS COMPLETE. THE STABILITY OF THE STRUCTURES PRIOR TO COMPLETION IS SOLELY THE RESPONSIBILITY OF THE DESIGN-BUILD ENTITY. THIS RESPONSIBILITY EXTENDS TO RELATED ASPECTS OF THE CONSTRUCTION ACTIVITY INCLUDING, BUT NOT LIMITED TO, ERECTION METHODS, ERECTION SEQUENCE, CONNECTIONS, TEMPORARY BRACING, FORMS, SHORING, USE OF EQUIPMENT, AND SIMILAR CONSTRUCTION PROCEDURES. REVIEW OF CONSTRUCTION BY THE OWNER AND ENGINEER OF RECORD IS FOR GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS ONLY. LACK OF COMMENT BY THE OWNER AND ENGINEER OF RECORD WITH REGARD TO CONSTRUCTION PROCEDURES SHALL NOT BE INTERPRETED AS APPROVAL OR ACCEPTANCE OF SUCH PROCEDURES.

HYDROGRAPHIC SURVEY NOTES:

1. COORDINATES SHOWN ARE IN STATE PLANE COORDINATE SYSTEM, CALIFORNIA STATE PLANES, ZONE III, US FOOT, REFERENCED TO THE 1983 NORTH AMERICAN DATUM (NAD83), EXPRESSED IN US SURVEY FEET.

2. INFORMATION DEPICTED ON THIS PLAN REPRESENTS THE RESULTS OF SURVEYS MADE ON DATES INDICATED BELOW AND CAN ONLY BE CONSIDERED TO REPRESENT THE CONDITION AT THE TIME OF THE SURVEY AND AT SOUNDING POINTS NOTED ON THE PLAN. HYDROGRAPHIC SURVEY WAS PERFORMED ON SEPTEMBER 25, 2024.

3. DUE TO THE HIGH ACCRETION RATE AT THE PROJECT SITE, THE BATHYMETRIC DATA SHOWN ON THE PLANS IS PROVIDED FOR REFERENCE ONLY AND SHALL NOT BE RELIED UPON FOR NAVIGATION OR DETERMINATION OF EXISTING WATER DEPTHS. THE DESIGN-BUILD ENTITY SHALL PERFORM BATHYMETRIC SURVEYS AND/OR DEPTH VERIFICATION AS REQUIRED FOR EXECUTION OF THE WORK.

4. ELEVATIONS & SOUNDINGS SHOWN ARE DEPTHS IN FEET BELOW MEAN LOWER LOW WATER. SEE GRAPHIC REPRESENTATION OF DATUM SEPARATION FOR MORE INFORMATION.

5. SOUNDINGS SHOWN AS NEGATIVE ARE ABOVE THE REFERENCE PLANE.

6. CONTOURS SHOWN ARE BASED ON A 1'X1' AVERAGE VALUE DATA SET. CONTOURS ARE SHOWN AT 1' INTERVALS UNLESS OTHERWISE NOTED.

7. BENCHMARK IS REFERENCED IN THE USACE RED BOOK AS THE VERTICAL CONTROL POINT FOR MARE ISLAND STRAIT AS MONUMENT "GROTTO" (EL. +9.4' MLLW) REFERENCED TO NAVD88 DATUM AND WAS NOT INDEPENDENTLY VERIFIED.

DESIGN BUILD REQUIREMENTS:

1. THE RFP PLANS ARE CONCEPTUAL AND PROVIDE INFORMATION RELATING TO THE FUNCTION, AESTHETICS, AND QUALITY OF THE PROJECT WHICH WILL BE THE BASIS FOR DETERMINING WHETHER THE DESIGN-BUILD CONTRACT DOCUMENTS COMPLY WITH PROJECT DESIGN CRITERIA.

2. THE DETAILS OF CONSTRUCTION TECHNOLOGY AND COORDINATION OF ALL ASPECTS OF THE PROJECT, INCLUDING CODE COMPLIANCE, ARE THE RESPONSIBILITY OF THE DESIGN-BUILD ENTITY.

3. DESIGN-BUILDER IS RESPONSIBLE FOR THE FINAL DESIGN OF ALL ARCHITECTURAL AND ENGINEERED ITEMS IN THIS CONTRACT. DESIGN-BUILDER SHALL RETAIN PROFESSIONAL STRUCTURAL, MECHANICAL, ELECTRICAL, CIVIL, GEOTECHNICAL, ACOUSTICAL AND COASTAL ENGINEERS AS WELL AS ARCHITECTS AND LANDSCAPE ARCHITECTS AND OTHER REQUIRED SPECIALTIES WITH A VALID CALIFORNIA LICENSE TO COMPLETE THE FINAL DESIGN INCLUDING ENGINEERING CALCULATIONS, DRAWINGS AND SPECIFICATIONS, AND SHALL PROVIDE THE FINAL DESIGN DOCUMENTS SIGNED AND SEALED BY THE DESIGN-BUILDER'S ENGINEER AND ARCHITECT OF RECORD FOR THE CONSTRUCTION OF THE PROJECT.

4. THE RFP PLANS FURNISHED TO OFFERORS DESCRIBE THE MINIMUM DESIGN REQUIREMENTS AND THE ESSENTIAL GEOMETRIC/DIMENSIONAL CONSTRAINTS WHICH ARE GENERALLY NOT CHANGEABLE DUE TO PERMIT AND ENVIRONMENTAL REQUIREMENTS.

5. THE RFP PLANS, BASIS OF DESIGN, AND TECHNICAL SPECIFICATIONS FOR THE CIVIL, STRUCTURAL, ARCHITECTURAL, LANDSCAPE ARCHITECTURAL, MECHANICAL, ELECTRICAL, LIGHTING, COMMUNICATION, FIRE PROTECTION AND PLUMBING COMPONENTS IDENTIFY THE SCOPE OF WORK TO BE UNDERTAKEN BY THE DESIGN-BUILDER. THESE DOCUMENTS DESCRIBE THE CONFIGURATION, SHAPE, SIZE AND DESIGN QUALITIES OF THE PROPOSED STRUCTURES AS WELL AS THE UTILITY SERVICE, INCLUDING FIRE SAFETY REQUIREMENTS. IT IS INTENDED THAT THE DESIGN DOCUMENTS PRODUCED BY THE DESIGN-BUILDER MAINTAIN THE APPEARANCE AND QUALITY OF THE ELEMENTS AS DESCRIBED IN BRIDGING DOCUMENTS.

6. THE DESIGN-BUILDER SHALL, WITH APPROPRIATE PROFESSIONAL ASSISTANCE, REVIEW THE GEOTECHNICAL RECOMMENDATIONS AND UNDERTAKE INDEPENDENT ENGINEERING CALCULATIONS TO DETERMINE, FROM A QUALITY ASSURANCE POINT OF VIEW, THAT THE CODE AND PERFORMANCE REQUIREMENTS FOR THE STRUCTURES AND IMPROVEMENTS ARE IN COMPLIANCE. WHEN THE DESIGN-BUILDER IS ASSURED THAT THE DESIGN IS IN COMPLIANCE THE DESIGN-BUILDERS ENGINEER AND ARCHITECT OF RECORD SHALL SIGN AND STAMP THE DESIGN DOCUMENTS SO THAT THEY CAN BE PROVIDED TO THE OWNER AND THE OWNER'S REPRESENTATIVE AND SUBSEQUENTLY TO COMPLETE THE PERMITTING PROCESS AS REQUIRED. IF ISSUES ARE IDENTIFIED, DESIGN-BUILDER, SHALL MAKE RECOMMENDATIONS FOR RESOLVING THE ISSUES TO THE OWNER AND THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL. OWNER RESERVES THE RIGHT TO CONVENE A DESIGN MEETING INVOLVING DESIGN-BUILDERS DESIGN STAFF AND OWNER'S DESIGN STAFF IF ISSUES CANNOT BE QUICKLY RESOLVED FOLLOWING OWNER'S STAFF REVIEW. THE STAMPED AND SIGNED FINAL DESIGN DOCUMENTS WILL THEN BE SUBMITTED TO AGENCIES HAVING JURISDICTION FOR PERMITTING. IF ANY MODIFICATIONS ARE REQUIRED DURING THE PERMITTING PROCESS, THE OWNER WILL BE INFORMED APPROPRIATELY AND, SUBSEQUENTLY, THESE WILL BE INCORPORATED INTO THE FINAL DESIGN DOCUMENTS AND, IN CONJUNCTION WITH ALL THE APPROPRIATE PERMITS, WILL CONSTITUTE THE FINAL DESIGN DOCUMENTS UPON WHICH CONSTRUCTION WILL BE BASED.

PROPOSED SEQUENCE OF WORK:

PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL SUBMIT A SEQUENCE OF WORK TO WETA FOR REVIEW. THE CONTRACTOR SHALL BASE THE SEQUENCE OF WORK ON THE FOLLOWING PROPOSED SEQUENCE OF WORK, AND SHALL INCLUDE ALL NECESSARY ITEMS, DETAILS AND ORDER OF WORK WHETHER OR NOT LISTED HEREIN OR IN THE SPECIFICATIONS. THIS SEQUENCE OF WORK IS NOT INTENDED TO REPLACE ANY PORTION OF THE SPECIFICATIONS OR RELIEVE THE CONTRACTOR FROM THEIR RESPONSIBILITY TO FULLY PLAN AND COORDINATE THE PROPOSED WORK. IT SHALL SERVE ONLY AS A REFERENCE SEQUENCE, BASED ON PREVIOUS PROJECTS AT THE VALLEJO FERRY TERMINAL AND SHALL BE REGARDED AS SUCH.

NEW WETA STANDARD FLOAT:

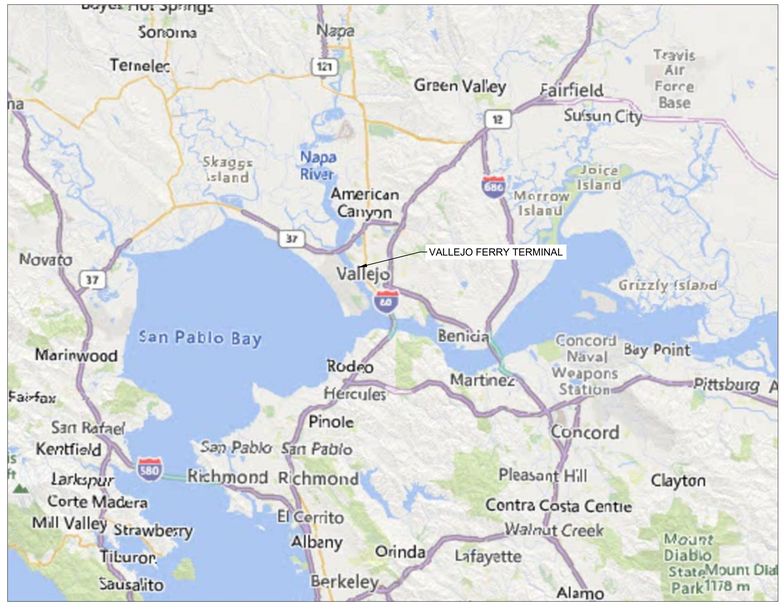
1. COORDINATION WITH WETA FOR DELIVERY OF THE WETA STANDARD FLOAT. UPON RECEIPT OF THE FLOAT AT THE VALLEJO FERRY TERMINAL, CONDUCT A JOINT INSPECTION BY THE CONTRACTOR, THE PORT OF SAN FRANCISCO, AND WETA OF THE CONDITION OF THE WETA STANDARD FLOAT.
2. INSTALLATION AND REMOVAL OF TEMPORARY ELECTRICAL AND DATA SERVICES AT THE VALLEJO FERRY TERMINAL, IN PREPARATION OF INSTALLATION OF THE WETA STANDARD FLOAT AT THE TEMPORARY LANDING LOCATION.
3. COMPLETE INSTALLATION OF THE GANGWAY SUPPORT DOLPHIN AT THE TEMPORARY LANDING LOCATION INCLUDING ALL PILE DRIVING AND WORK REQUIRED FOR THE LANDING TO SUPPORT THE 10X90' GANGWAY INCLUDING THE PILE CAP AND GANGWAY HINGE AND PLATE.
4. THE EXISTING RAILING AT THE NEW TEMPORARY LANDING LOCATION WILL REQUIRE MODIFICATIONS TO ALLOW FOR PASSENGER ACCESS. UPON COMPLETION OF MODIFICATIONS THE CONTRACTOR SHALL INSTALL THE WETA PROVIDED PORTABLE PROMENADE RAILINGS AND GATES.
5. INSTALLATION OF THE 10-FOOT WIDE x 90-FOOT LONG GANGWAY.
6. CONTRACTOR SHALL COORDINATE WITH WETA TO RETRIEVE THE SIX (6) WETA-SUPPLIED 24" DIAMETER × 80' LONG TEMPORARY STEEL PIPE PILES FROM WETA POSSESSION AT CS MARINE CONSTRUCTOR'S INC. YARD AT MARE ISLAND BERTH 19 IN VALLEJO, CA.
7. REQUIRED PILE DRIVING OF THE SIX (6) WETA-SUPPLIED PILES TO SECURE THE NEW WETA STANDARD FLOAT AT THE TEMPORARY LANDING LOCATION.
8. COMPLETE INSTALLATION OF THE TEMPORARY PORTAL AND GATE ASSEMBLY, RAILING STRUCTURES, TRANSFER SPANS, PLATES, ET CETERA TO COMPLETE THE SHORE TO TEMPORARY GANGWAY TO TEMPORARY FLOAT CONNECTIONS.
9. UTILITIES SHALL BE INSTALLED AT THE TEMPORARY LOCATION IN ACCORDANCE WITH PROJECT SPECIFICATIONS AND PLANS.
10. THE FLOAT SHALL BE BALLASTED IN ACCORDANCE WITH THE AS-BUILT PLANS PROVIDED BY JT MARINE.
11. COORDINATE WITH WETA FOR INSPECTION OF WETA STANDARD FLOAT AT THE TEMPORARY LANDING LOCATION READINESS TO BE PLACED INTO SERVICE AND TRANSFER FERRY OPERATIONS FROM THE PERMANENT GANGWAY TO THE TEMPORARY GANGWAY. OBTAIN WETA AUTHORIZATION TO BEGIN WORK ON REMOVAL OF PERMANENT BOARDING FACILITY BEFORE DISMANTLING.

VALLEJO TERMINAL DEMOLITION:

1. AFTER WETA APPROVAL OF TEMPORARY BOARDING FACILITY, DISCONNECT AND CAP ALL EXISTING UTILITY LINES BETWEEN EXISTING PERMANENT BOARDING GANGWAY AND FLOAT.
2. PROCEED WITH DEMOLITION AND REMOVAL OF THOSE ITEMS AS DESIGNATED ON THE PROJECT PLANS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
   - 2.1. ALL UTILITIES SERVING THE EXISTING FERRY LANDING FLOAT (ELECTRICAL, PLUMBING, DATA, TELECOMMUNICATIONS, ETC.);
   - 2.2. EXISTING ENTRANCE GATE AND ALL APPURTENANCES;
   - 2.3. EXISTING 11'X90' STEEL GANGWAY STRUCTURE;
   - 2.4. EXISTING FERRY LANDING FLOAT;
   - 2.5. FOUR (4) FLOAT ANCHOR PILES AND ANCHOR CHAINS;
   - 2.6. EXISTING PILE SUPPORTED GANGWAY DOLPHIN ON THE LANDWARD SIDE OF THE PERMANENT GANGWAY;
   - 2.7. TWO (2) EXISTING GANGWAY SUPPORT PILES ON THE OFFSHORE SIDE OF THE PERMANENT GANGWAY;
   - 2.8. TWO (2) PILE DOLPHIN CLUSTERS, EACH CONSISTING OF THREE (3) TOTAL PILES AT THE NORTHWEST AND SOUTHWEST CORNERS OF THE FERRY BASIN;
   - 2.9. TEMPORARY GANGWAY LANDING DOLPHIN;
3. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO FULLY REMOVE THE EXISTING PILES. IF REMOVABLE IS NOT POSSIBLE, PILES SHALL BE CUT OFF 2-FEET BELOW THE CURRENTLY PERMITTED DESIGN DREDGE DEPTH.

VALLEJO TERMINAL RECONFIGURATION:

1. UPON COMPLETION OF DEMOLITION ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT THE NEW VALLEJO FERRY TERMINAL IN THE ARRANGEMENT SHOWN ON THE PROJECT PLANS.
2. THE SEQUENCING OF THE WORK SHALL BE PERFORMED AT THE DISCRETION OF THE CONTRACTOR, AS APPROVED BY WETA. THIS WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING COMPONENTS:
   - 2.1. INSTALLATION OF THE NEW ENTRANCE GATE, INCLUDING ALL APPURTENANCES AND UTILITIES;
   - 2.2. INSTALLATION OF THE NEW APPROACH WAY, INCLUDING ALL REQUIRED PILE DRIVING, CONCRETE PLACEMENT, AND UTILITY INSTALLATION;
   - 2.3. UPON COMPLETION OF THE INSTALLATION OF THE NEW APPROACH WAY STRUCTURES, THE NEW WETA STANDARD FLOAT SHALL BE REMOVED FROM THE TEMPORARY LOCATION TO THE NEW PERMANENT FLOAT LOCATION. THE FLOAT LOCATION SHALL BE COORDINATED WITH THE NEW GANGWAY LANDING LOCATION;
   - 2.4. PILE REMOVAL OF THE SIX (6) WETA-SUPPLIED TEMPORARY STEEL PIPE PILES, GANGWAY AND APPROACH STRUCTURES, AND TRANSFER OF WETA SUPPLIED PORTABLE PROMENADE RAILINGS, GATES, GANGWAY HINGE AND PLATES BACK TO WETA POSSESSION.
   - 2.5. TRANSPORTATION AND RELOCATION OF THE SIX (6) WETA-SUPPLIED TEMPORARY STEEL PILES TO WETA'S POSSESSION AT CS MARINE CONSTRUCTOR'S INC. YARD AT MARE ISLAND BERTH 19 IN VALLEJO, CA;
   - 2.6. INSTALLATION OF THE WETA STANDARD FLOAT ANCHOR AND DONUT FENDER PILES AND THE SACRIFICIAL PROTECTION PILES WITH SOLAR NAVIGATION LIGHTS;
   - 2.7. FINAL INSTALLATION AND TESTING OF ALL UTILITIES AS SPECIFIED IN THE PROJECT PLANS AND SPECIFICATIONS;
   - 2.8. PRIOR TO COMMENCEMENT OF FERRY LANDINGS AT THE NEW LOCATION FOR THE WETA STANDARD FLOAT, CONDUCT A JOINT INSPECTION BY THE CONTRACTOR AND WETA TO OBTAIN APPROVAL OF THE WETA STANDARD FLOAT. TEST LANDINGS SHALL BE CONDUCTED AS PART OF THESE INSPECTIONS.



VALLEJO FERRY VICINITY MAP

ENVIRONMENTAL PERMITS:

Regulatory Agency	Permit Type	Permit Number	Date Issued
Bay Conservation and Development Commission	Major Permit	Pending Issuance	
California Department of Fish and Wildlife (CDFW)	Incidental Take Permit	ITP No. 2081-2025-017-03	7/16/2026
California Department of Fish and Wildlife (CDFW)	Streambed Alteration Agreement	EPIMS-SOL-57090-R3	8/11/2026
City of Vallejo	Development Review	APN: 0055-170-050	8/11/2026
National Marine Fisheries Service	Biological Opinion	WCRO-2026-00480	6/30/2026
Regional Water Quality Control Board (RWQCB)	Section 401 Water Quality Certification and Order	Place ID 902159	1/22/2026
U.S. Army Corps of Engineers (USACE)	Nationwide Permit	SNP-2024-00357	8/20/2026
U.S. Fish and Wildlife Service	Biological Opinion	2024-0027027-S7-001	5/22/2026

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San Francisco Bay Ferry

SAN FRANCISCO BAY AREA
WETA

PROPOSED VALLEJO FERRY TERMINAL RECONFIGURATION

REVISIONS

NO.	BY	DATE	DESCRIPTION
1			
2			
3			
4			
5			

DATE OF PREPARATION

	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
CHECKED		

SHEET TITLE:

PROJECT NOTES

ISSUANCE:

REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

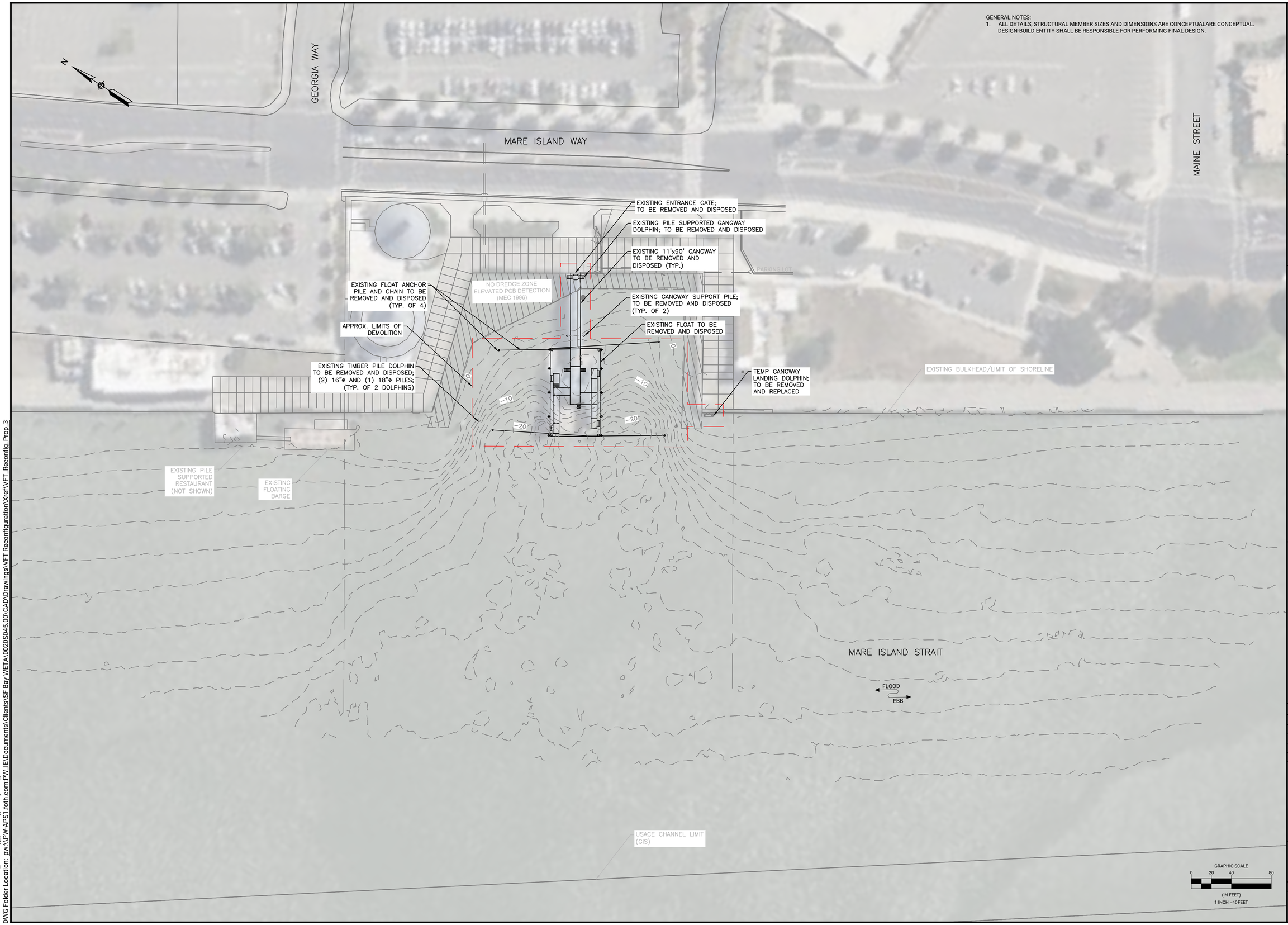
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GENERAL NOTES:
1. ALL DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUALARE CONCEPTUAL. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.



Foth

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San Francisco Bay Ferry

SAN FRANCISCO BAY AREA
WETA

PROPOSED VALLEJO FERRY TERMINAL RECONFIGURATION

REVISIONS

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SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
CHECKED		

SHEET TITLE:
EXISTING TERMINAL SITE PLAN WITH MAJOR FEATURES

ISSUANCE:
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER
G-003

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GENERAL NOTES:
1. ALL DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.

N

CONCRETE SIDEWALK

EXISTING ENTRANCE GATE; TO BE REMOVED AND DISPOSED

EXISTING PILE SUPPORTED GANGWAY DOLPHIN; TO BE REMOVED AND DISPOSED

NO DREDGE ZONE
ELEVATED PCB DETECTION
(MEC 1996)

EXISTING 11'x90' GANGWAY TO BE REMOVED AND DISPOSED (TYP.)

EXISTING GANGWAY SUPPORT PILE; TO BE REMOVED AND DISPOSED (TYP. OF 2)

EXISTING FLOAT ANCHOR PILE AND CHAIN TO BE REMOVED AND DISPOSED (TYP. OF 4)

EXISTING FLOAT TO BE REMOVED AND DISPOSED

APPROX. LIMITS OF DEMOLITION

EXISTING TIMBER PILE DOLPHIN TO BE REMOVED AND DISPOSED; (2) 16"ø AND (1) 18"ø PILES; (TYP. OF 2 DOLPHINS)

TEMP GANGWAY LANDING DOLPHIN; TO BE REMOVED AND REPLACED

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH = 20 FEET

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San Francisco Bay Ferry

SAN FRANCISCO BAY AREA
WETA

PROPOSED VALLEJO FERRY
TERMINAL RECONFIGURATION

REVISIONS

NO.	BY	DATE	DESCRIPTION

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SURVEYED	BMS	9/25/2024
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SHEET TITLE:
OVERALL DEMOLITION PLAN

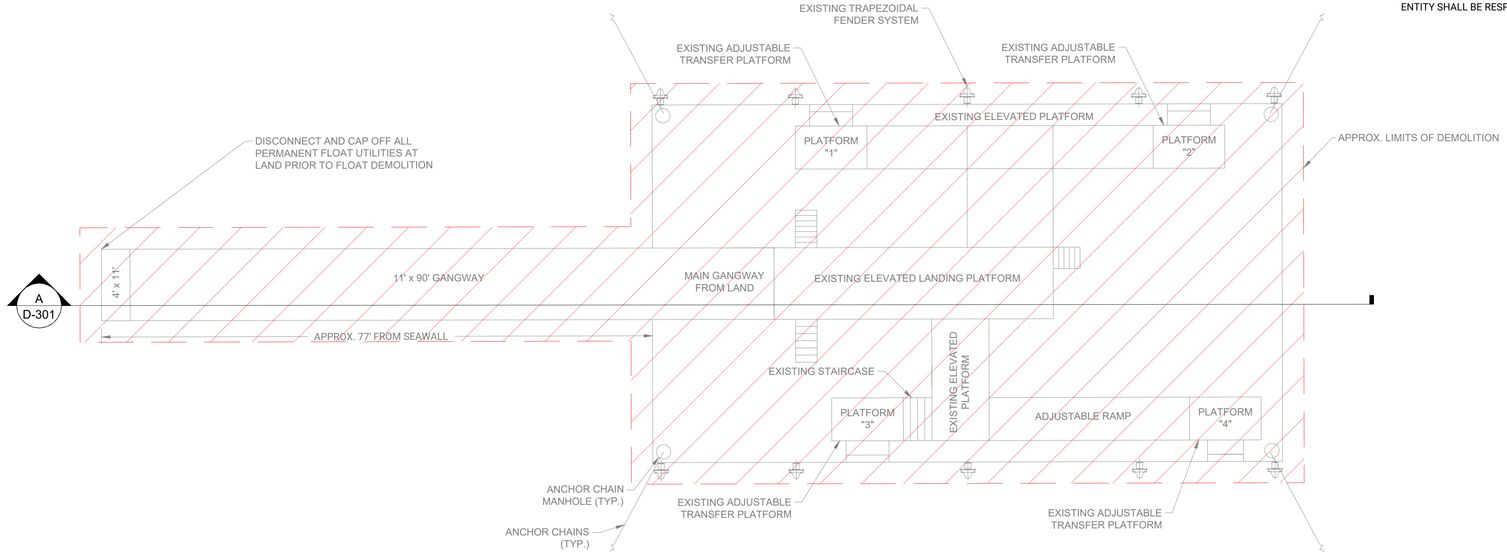
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REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER
D-101

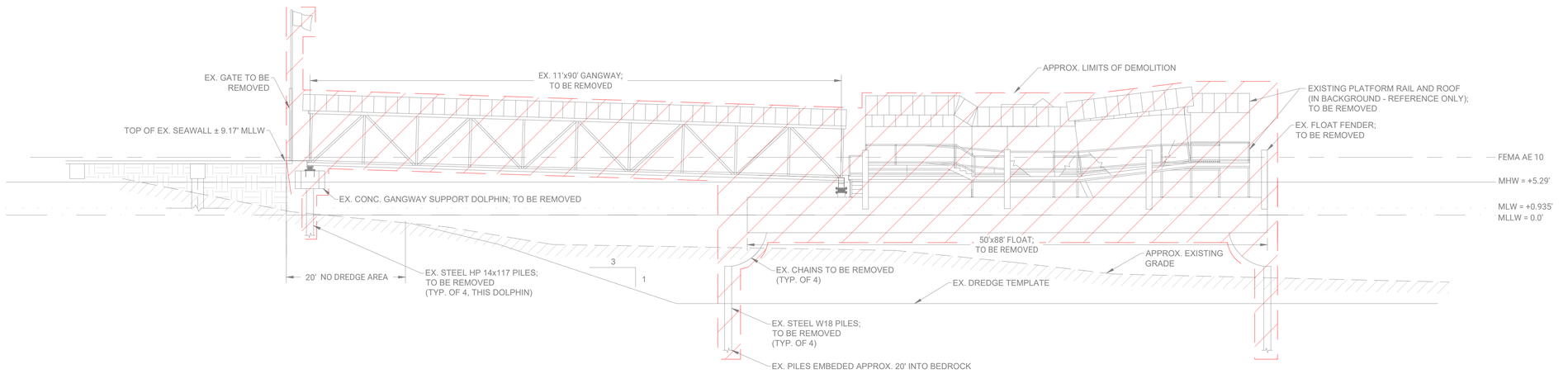
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GENERAL NOTES:
1. ALL DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.



1 / D-301 PARTIAL DEMOLITION PLAN - EX. FLOAT
SCALE: 1" = 10'

NOTES:
1. EXISTING UTILITIES NOT SHOWN FOR CLARITY. REFER TO UTILITY SERIES FOR ADDITIONAL INFORMATION.
2. ALL ITEMS SCHEDULED FOR DEMOLITION SHALL BE REMOVED AND DISPOSED OF UNLESS DESIGNATED FOR REUSE.



A / D-301 SECTION A
SCALE: 1" = 10'

NOTES:
1. EXISTING UTILITIES NOT SHOWN FOR CLARITY. REFER TO UTILITY SERIES FOR ADDITIONAL INFORMATION.
2. ALL ITEMS SCHEDULED FOR DEMOLITION SHALL BE REMOVED AND DISPOSED OF UNLESS DESIGNATED FOR REUSE.

GRAPHIC SCALE
0 5 10 20
(IN FEET)
1 INCH = 10FEET

Foth

WETA
WATER EMERGENCY TRANSPORTATION AUTHORITY
San Francisco Bay Ferry

SAN FRANCISCO BAY AREA
WETA

PROPOSED VALLEJO FERRY
TERMINAL RECONFIGURATION

REVISIONS

NO.	BY	DATE	DESCRIPTION
1			
2			
3			
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DATE OF PREPARATION

	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
CHECKED		

SHEET TITLE:
EXISTING AND DEMOLITION PLAN AND PROFILE VIEW

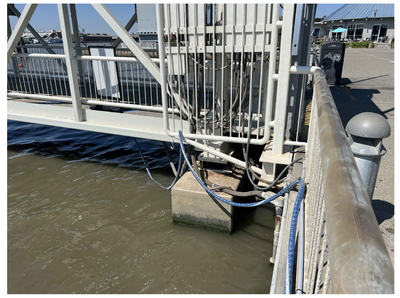
ISSUANCE:
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER
D-301

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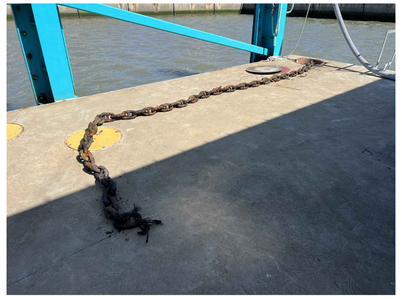
GENERAL NOTES:
1. ALL DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.
2. THIS PLAN IS INTENDED TO PROVIDE A GENERAL OVERVIEW OF THE EXISTING CONDITIONS AT THE VALLEJO FERRY TERMINAL. ACTUAL SITE CONDITIONS MAY VARY FROM THOSE SHOWN.



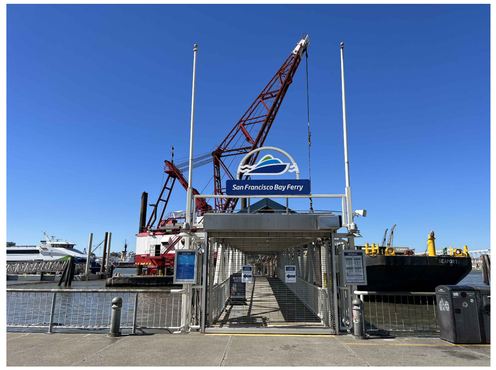
P1 D-501 PHOTO 1 - EXISTING UTILITIES AT HEAD OF GANGWAY
SCALE: NTS



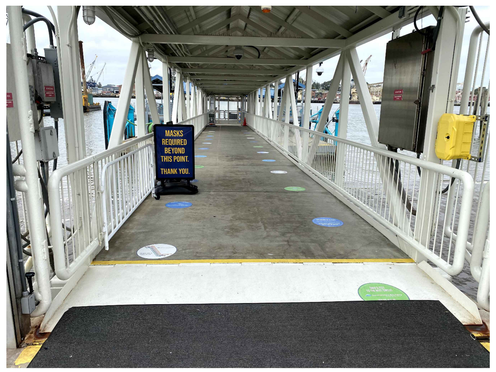
P2 D-501 PHOTO 2 - EXISTING GANGWAY AND FLOAT OVERVIEW
SCALE: NTS



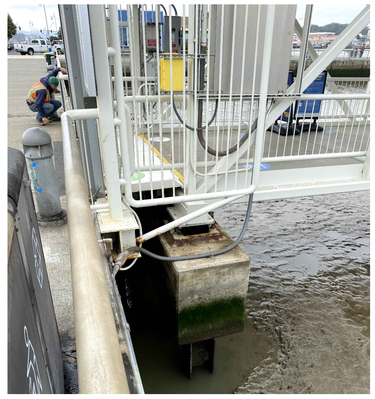
P3 D-501 PHOTO 3 - EXISTING ANCHOR CHAIN ON FLOAT
SCALE: NTS



P4 D-501 PHOTO 4 - EXISTING ACCESS GATE
SCALE: NTS



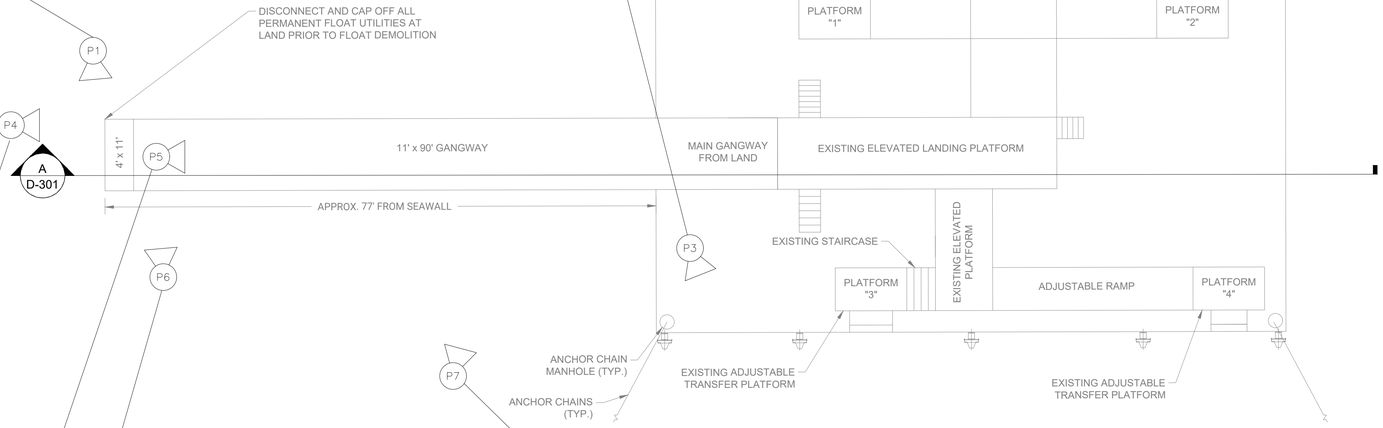
P5 D-501 PHOTO 5 - EXISTING APPROACH WAY
SCALE: NTS



P6 D-501 PHOTO 6 - EXISTING UTILITIES AT HEAD OF GANGWAY
SCALE: NTS



P7 D-501 PHOTO 7 - EXISTING GANGWAY AND FLOAT OVERVIEW
SCALE: NTS



GRAPHIC SCALE
0 5 10 20
(IN FEET)
1 INCH = 10FEET

Foth

WETA
WATER EMERGENCY TRANSPORTATION AUTHORITY
San Francisco Bay Ferry

SAN FRANCISCO BAY AREA
WETA

PROPOSED VALLEJO FERRY TERMINAL RECONFIGURATION

REVISIONS

NO.	BY	DATE	DESCRIPTION
1			
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DATE OF PREPARATION

	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
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SHEET TITLE:
EXISTING AND DEMOLITION PHOTO REFERENCES

ISSUANCE:
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER
D-501

Friday, September 11, 2026 3:42:07 PM
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DWG Folder Location: pw:\\PW-APS1.foth.com:PW_IE\Documents\Clients\SF Bay WETA\0020S045.00\CAD\Drawings\VFT Reconfiguration\Xref\VFT_Reconfig_Prop_3

GENERAL NOTES:
1. ALL DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.
2. PRIOR TO COMMENCEMENT OF DEMOLITION ON EXISTING FACILITY, THE WETA STANDARD FLOAT SHALL BE INSTALLED AT THE TEMPORARY FLOAT LOCATION.
3. FERRY SERVICE SHALL BE TRANSFERRED TO THE TEMPORARY LOCATION UPON INSTALLATION AND TESTING OF ALL TEMPORARY UTILITIES.
4. SEE SHEET CIVIL SERIES FOR UTILITY INFORMATION.

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH = 20 FEET

N

0+00
1+00
2+00
3+00
4+00
4+21.26

CONCRETE SIDEWALK
PARKING LOT
NO DREDGE ZONE
ELEVATED PCB DETECTION
(MEC 1996)
EXISTING PROPERTY LINE
EXISTING PILE SUPPORTED RESTAURANT (NOT SHOWN)
EXISTING FLOATING BARGE
EXISTING BULKHEAD/LIMIT OF SHORELINE

EX. FLOAT TO REMAIN IN PLACE UNTIL TEMPORARY FLOAT IS INSTALLED AND APPROVED FOR USE BY WETA; SEE D-101 FOR DEMOLITION DETAILS

MODIFY EXISTING RAILING TO ALLOW FOR INSTALLATION OF WETA SUPPLIED TEMPORARY GANGWAY PORTAL

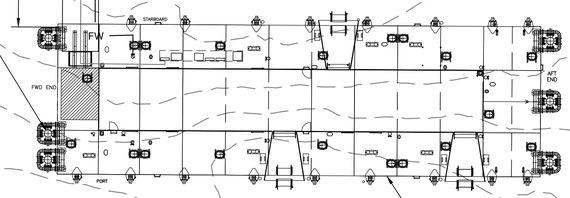
66' FROM CORNER TO GANGWAY ℄

DESIGN-BUILDER TO FIELD VERIFY FLOAT OFFSET FROM SHORE FOR PROPER GANGWAY LANDING ± 88'

NEW GANGWAY SUPPORT DOLPHIN w/ (2) 16'Ø STEEL PIPE PILES & STEEL PILE CAP (TYP.)

NEW 10'X90' LONG GANGWAY INSTALL ON NEW PILE SUPPORTED DOLPHIN

DESIGN-BUILDER TO DRIVE SIX (6) 24" X 80' LONG X ½" WALL THICKNESS WETA-SUPPLIED TEMPORARY STEEL PIILNGS TO TOP ELEVATION OF +16' MLLW; FLOAT WILL BE SUPPLIED WITH SHIM-PACK IN PLACE FOR 24" Ø STEEL PILINGS



135'X42' WETA STANDARD FLOAT IN TEMPORARY LANDING LOCATION

Foth

WETA
WATER EMERGENCY TRANSPORTATION AUTHORITY
San Francisco Bay Ferry

SAN FRANCISCO BAY AREA WETA

PROPOSED VALLEJO FERRY TERMINAL RECONFIGURATION

REVISIONS			
NO	BY	DATE	DESCRIPTION
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DATE OF PREPARATION

	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
CHECKED		

SHEET TITLE:
OVERALL SITE PLAN WITH TEMPORARY FLOAT LOCATION

ISSUANCE:
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER
S-101

Tuesday, September 15, 2026 2:31:50 PM
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DWG Folder Location: pw:\\PW-APS1.foth.com:PW_IE\Documents\Clients\SF Bay WETA\00205045.001\CAD\Drawings\VFT Reconfiguration\Xref\VFT_Reconfig_Prop_3

GENERAL NOTES:
1. ALL DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.
2. UTILITIES NOT SHOWN. SEE CIVIL SERIES FOR UTILITY INFORMATION.
3. BORINGS WB-1 AND WB-2 SCHEDULED COMPLETED IN SEPTEMBER 2026. GEOTECHNICAL DATA WILL BE PROVIDED VIA ADDENDUM.

N

17'-0"x5'-0" GANGWAY SUPPORT DOLPHIN W/ 2-36"Ø PIPE PILES (TYP. OF 3)

A S-301

EXISTING GATE TO BE REPLACED; SEE S-501

DOLPHIN 1

CONCRETE SIDEWALK

PARKING LOT

NO DREDGE ZONE ELEVATED PCB DETECTION (MEC 1996)

10'x50' APPROACH RAMP FROM SHORE

(1) GANGWAY @ 10'X50'

DOLPHIN 2

110'-1"

(2) GANGWAYS @ 10'X90'

EXISTING PROPERTY LINE

0

-10

-20

331' FROM SHORELINE

DOLPHIN 3

EXISTING BULKHEAD/LIMIT OF SHORELINE

EXISTING PILE SUPPORTED RESTAURANT (NOT SHOWN)

2+00

10'x90' APPROACH RAMP (TYP. OF 2)

NEW GANGWAY SUPPORT DOLPHIN W/ (2) 16"Ø STEEL PIPE PILES & STEEL PILE CAP (TYP.)

WB-1 (SEE NOTE 3)

EXISTING FLOATING BARGE

17'-0"X17'-0" GANGWAY SUPPORT DOLPHIN W/ 4-36" Ø PIPE PILES

DOLPHIN 4

11'

MOTORIZED ROLL UP SECURITY GATE LOCATED AT END OF APPROACH WAY ON DOLPHIN 4

3+00

10'x90' SLOPED GANGWAY

(4) 12" Ø COMPOSITE MARKER PILES W/ TOP MOUNTED NAVIGATION LIGHTS (TYP.)

(1) GANGWAY @ 10'X90'

FERRY VESSEL LOA ± 143' BEAM ± 39.5'

FLOAT PILE GUIDE (TYP. OF 6)

WB-2 (SEE NOTE 3)

STARBOARD

PORT

FWD END

AFT END

135'X42' WETA STANDARD FLOAT IN PERMANENT LANDING LOCATION

36" Ø FLOAT ANCHOR PILE W/ PILE KEEPER (TYP. OF 5)

36" Ø MONOPILE W/ DONUT FENDER (TYP. OF 3)

4+00

4+21.26

FERRY VESSEL LOA ± 143' BEAM ± 39.5'

± 300' TO FEDERAL CHANNEL

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH =20FEET

Foth

WETA
WATER EMERGENCY TRANSPORTATION AUTHORITY
San Francisco Bay Ferry

SAN FRANCISCO BAY AREA
WETA

PROPOSED VALLEJO FERRY TERMINAL RECONFIGURATION

REVISIONS

NO.	BY	DATE	DESCRIPTION
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DATE OF PREPARATION

	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
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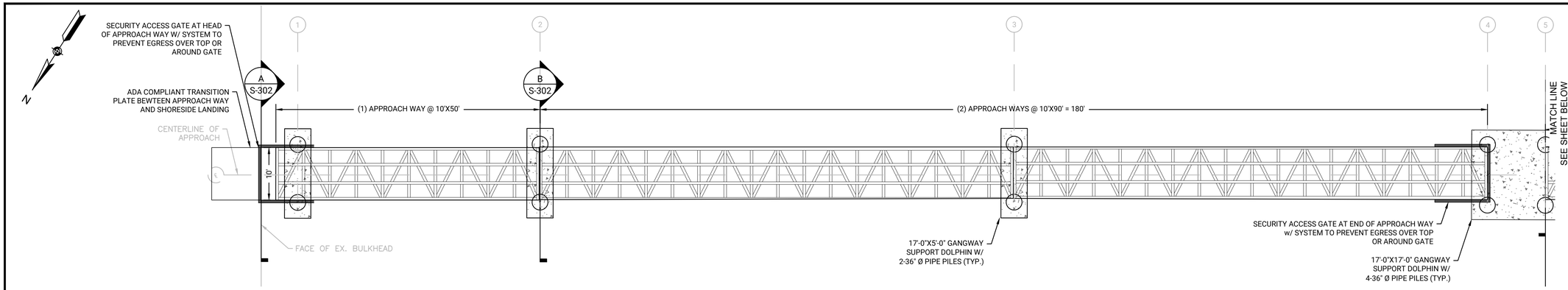
SHEET TITLE:
OVERALL SITE PLAN

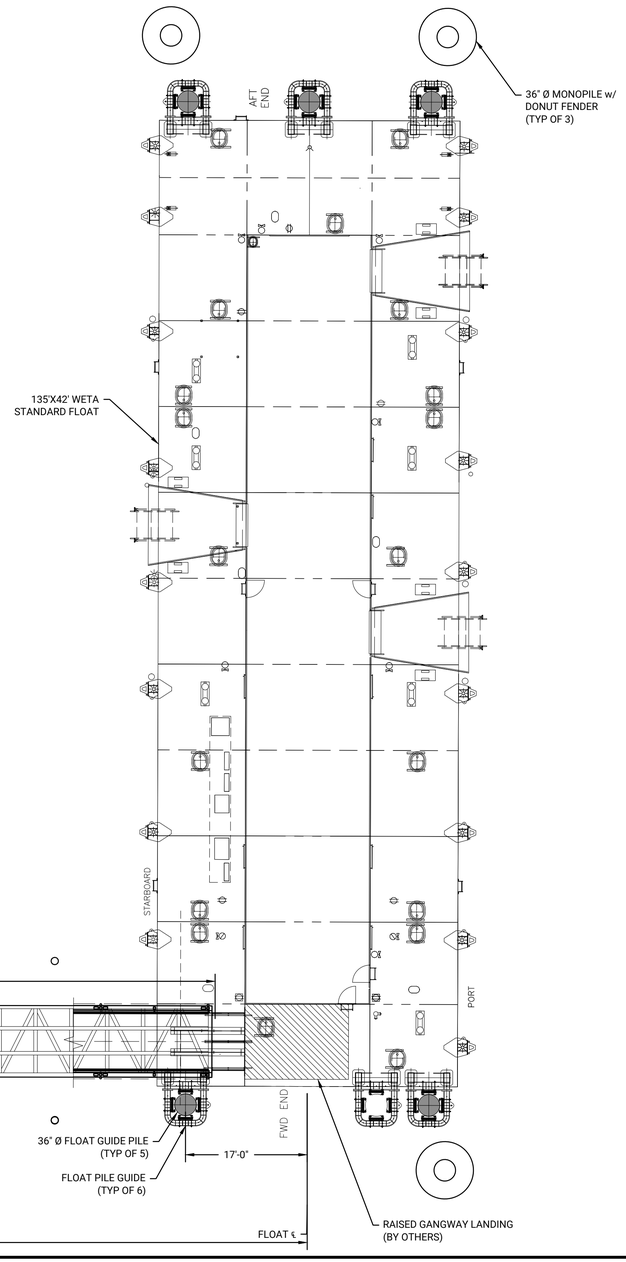
ISSUANCE:
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER
S-102

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GENERAL NOTES:
1. ALL DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.
2. UTILITIES NOT SHOWN FOR CLARITY, REFER TO E-X0X SERIES FOR UTILITY INFORMATION.
3. CONCRETE PILE CAP AT DOLPHIN 1 TO MAINTAIN A MINIMUM OF 2 FOOT CLEARANCE FROM EXISTING STRUCTURES FOR SEISMIC MOVEMENT.
4. GANGWAY SLOPE SHALL MEET ADA COMPLIANCE WITH A MAXIMUM SLOPE OF 5% (1V:20H).
5. ROLL UP SECURITY GATES AT HEAD OF APPROACH RAMP AND AT END OF APPROACH RAMP, ON DOLPHIN 4 SHALL BE ADA COMPLIANT, SEE S-501 FOR ADDITIONAL REQUIREMENTS. CONTRACTOR SHALL SUBMIT PROPOSED GATE DETAILS TO WETA FOR APPROVAL.

GRAPHIC SCALE
0 5 10 20
(IN FEET)
1 INCH =10FEET

Foth

WETA
WATER EMERGENCY TRANSPORTATION AUTHORITY
San Francisco Bay Ferry

SAN FRANCISCO BAY AREA
WETA

PROPOSED VALLEJO FERRY TERMINAL RECONFIGURATION

REVISIONS			
NO	BY	DATE	DESCRIPTION
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DATE OF PREPARATION

	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
CHECKED		

SHEET TITLE:
APPROACH WAY, GANGWAY AND FLOAT - PARTIAL PLAN

ISSUANCE:
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER
S-103

Friday, September 11, 2026 3:43:50 PM
DWG Filename: vfl_reconfig_plot.dwg Layout: s-103
DWG Folder Location: pw:\\PW-APS1.foth.com:PW_IE\Documents\Clients\SF Bay WETA\0020S045.00\CAD\Drawings\VFT Reconfiguration\Xref\VFT_Reconfig_Prop_3

GENERAL NOTES:

1. FLOAT UTILITIES NOT SHOWN FOR CLARITY. SEE SHEETS C-101 THROUGH C-103.
2. FLOAT DIMENSIONS AND FEATURES SHOWN ARE BASED ON A MODIFIED VERSION OF THE UNIVERSAL CHARGING FLOAT AS DEPICTED IN THE PLANS ENTITLED, "WATER EMERGENCY TRANSPORTATION AUTHORITY DOWNTOWN SF TERMINAL UNIVERSAL CHARGING FLOAT PROJECT - NEW FLOAT," (95% SUBMITTAL) PREPARED BY LIFTECH CONSULTANTS INC. DATED 10/15/2024.
3. REFER TO THE PROJECT BRIDGING DOCUMENTS FOR COMPLETE PLAN SET AND ADDITIONAL REFERENCES.
4. DIMENSIONS AND LOCATIONS OF FEATURES AS SHOWN SHALL BE CONSIDERED APPROXIMATE. COORDINATE WITH WETA FOR FINAL AS-BUILT PLANS OF FLOAT.

SCOPE OF WORK:

1. THE FLOAT DEPICTED BELOW IS BEING BUILT BY JT MARINE INC THROUGH A SEPARATE CONTRACT WITH WETA. ALL INQUIRIES REGARDING THE FLOAT SHALL BE DIRECTED THROUGH WETA.
2. THE FLOAT WILL BE DELIVERED TO THE VALLEJO FERRY TERMINAL BY JT MARINE WITH ALL RAMPS, PLATFORMS, FENDERS, AND ACCESSORIES WITH THE EXCEPTION OF UTILITIES. THE INSTALLATION OF UTILITIES WILL BE PERFORMED AS PART OF THIS SCOPE. SEE CIVIL SERIES C-101 THROUGH C-103 FOR ADDITIONAL DETAILS.
3. THE FLOAT WILL BE SUPPLIED WITH CANOPY MOUNTING FLANGES FOR INSTALLATION OF CONTRACTOR FURNISHED LIGHTING AND CAMERA POSTS.
4. PENETRATIONS THROUGH THE FLOAT CENTRAL TRUNK WILL NOT BE PERMITTED. ALL UTILITIES SHALL BE ROUTED ALONG THE FLOAT LOWER DECK OR MOUNTED AS REQUIRED.
5. THE FLOAT WILL BE FURNISHED WITH TWO (2) DECK-MOUNTED LANDING BEAMS TO ACCEPT THE NEW 10x90 GANGWAY.
6. THE DESIGN-BUILD ENTITY IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF THE GANGWAY LANDING STRUCTURE, WHICH WILL ATTACH TO THE DECK-MOUNTED LANDING BEAMS INSTALLED BY JT MARINE.
7. DESIGN OF THE GANGWAY LANDING STRUCTURE SHALL CONSIDER ALL APPLICABLE LOADING SCENARIOS AT THE VARIOUS TIDAL ELEVATIONS, INCLUDING BUT NOT LIMITED TO SEISMIC, ENVIRONMENTAL AND VESSEL BERTHING AND MOORING.
8. THE DESIGN OF THE GANGWAY MOUNTING POINT ON DOLPHIN 4 SHALL ALSO PROVIDE ADEQUATE CAPACITY AND ALLOWANCES FOR FLOAT MOTION DURING THESE LOADING SCENARIOS.

SHEET LEGEND:

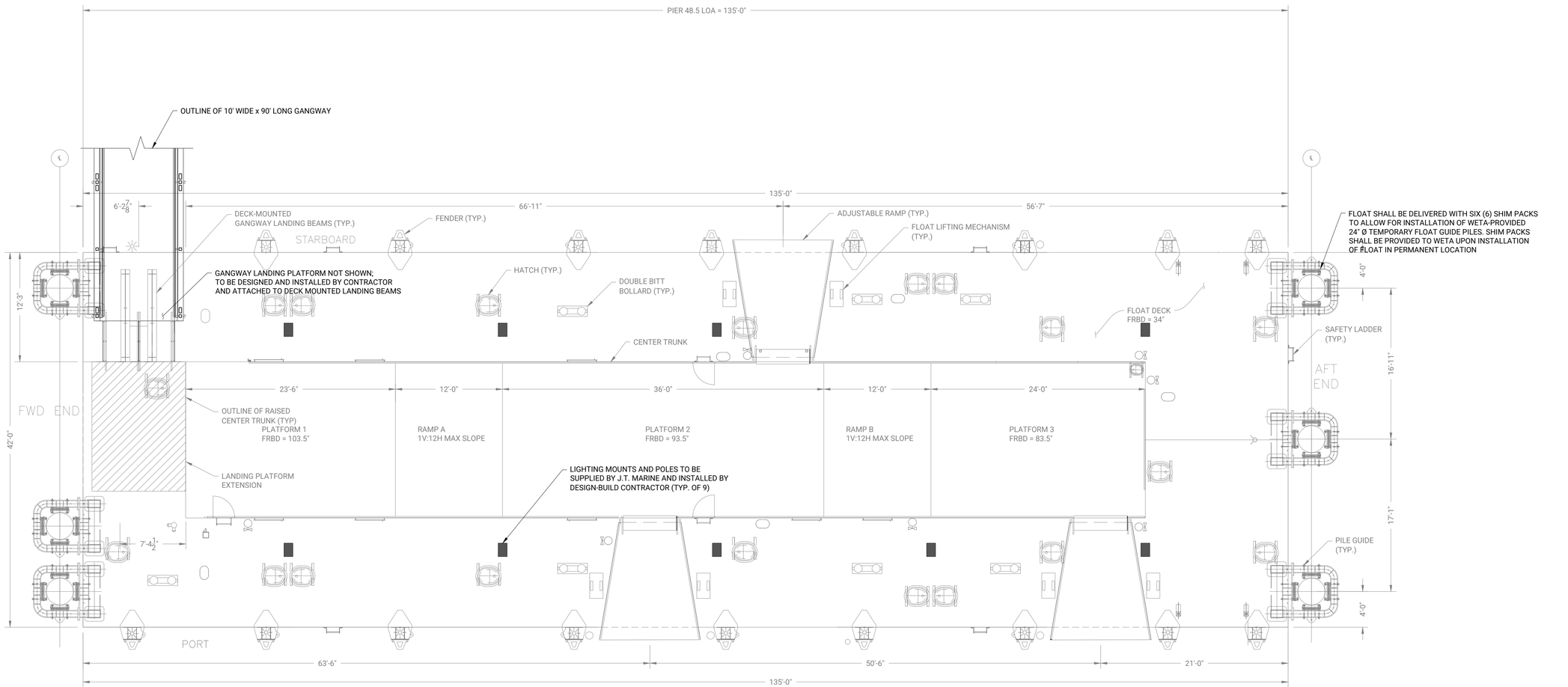
WORK BY JT MARINE

WORK BY VFT DESIGN-BUILDER

FLOAT RESPONSIBILITY MATRIX

Component	Contractor Responsibility	
	JT Marine	VFT Design-Builder
Float Configuration		
Shift Ramp C	X	
Shift Fenders	X	
Install Sloped Ramps	X	
Remove Ramps E and F	X	
Do not Install Charging Platforms	X	
Install Pad Eye	X	
Shift T Beam for Gangway Landing	X	
Relocate Landing Beams	X	
Relocate Fenders, Cleats, Hatches for Gangway Landing	X	
Install Pile Shims for Temporary Facility Piles	X	
Install Bull Dog Lifting Mechanisms	X	
Design and Install Gangway Landing Platform		X
Construct Gangway Support Bracket		X
Perform Full Float Inspection with WETA		X
Perform Ballasting of Float		X
Retrieve 24" Dia. Temporary Float Piles		X
Utilities		
Install Utility Wireways	X	
Complete Installation of Utilities		X
Utilities		
Install Lighting Mounts	X	
Install Light Poles		X
Install Lighting, Cameras, Power, Ethernet		X
Install Clipper Readers		X
Install LED Strip Lighting		X
Install Lighting Units to Poles		X
Install Components for Fire Suppression, Potable Water Systems		X

NOTE:
1. FOR ADDITIONAL DETAILS SEE UTILITY MATRIX ON SHEET C-102.



S-104 WETA STANDARD FLOAT REFERENCE PLAN
SCALE: 1" = 6'

GRAPHIC SCALE
0 3 6 12
(IN FEET)
1 INCH = 6 FEET

Foth

WETA
WATER EMERGENCY TRANSPORTATION AUTHORITY
San Francisco Bay Ferry

SAN FRANCISCO BAY AREA
WETA

PROPOSED VALLEJO FERRY
TERMINAL RECONFIGURATION

REVISIONS

NO	BY	DATE	DESCRIPTION
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DATE OF PREPARATION

	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
CHECKED		

SHEET TITLE:

WETA STANDARD FLOAT REFERENCE PLAN

ISSUANCE:

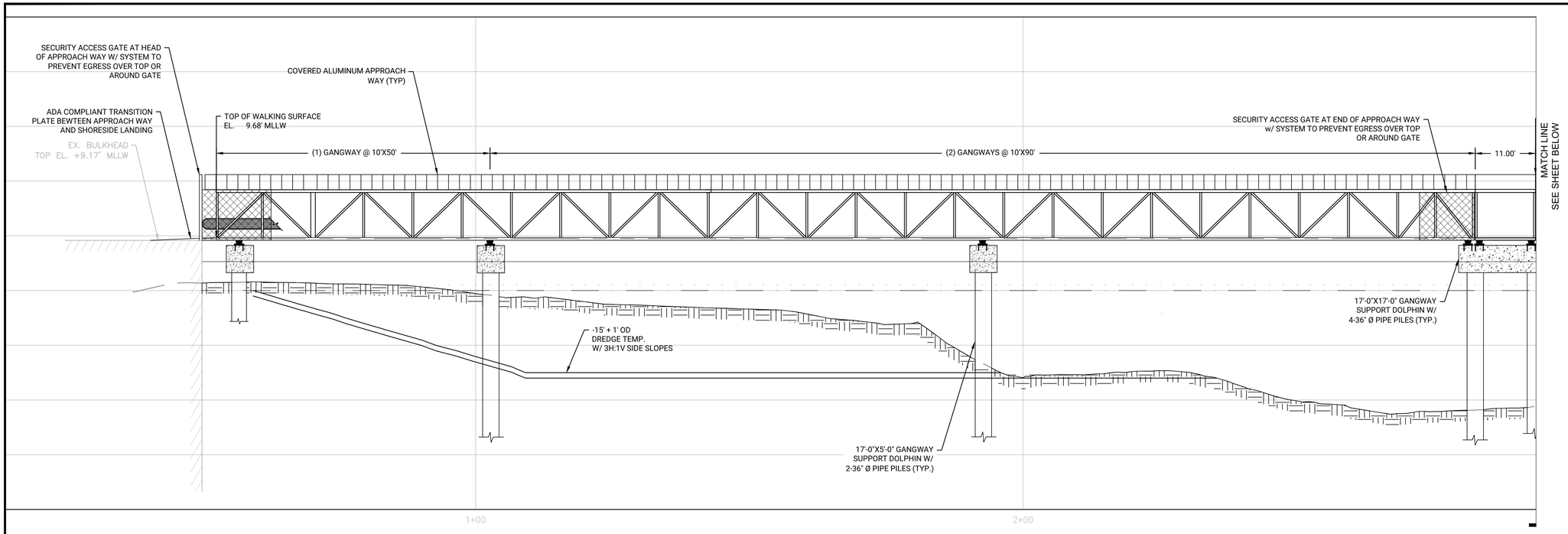
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

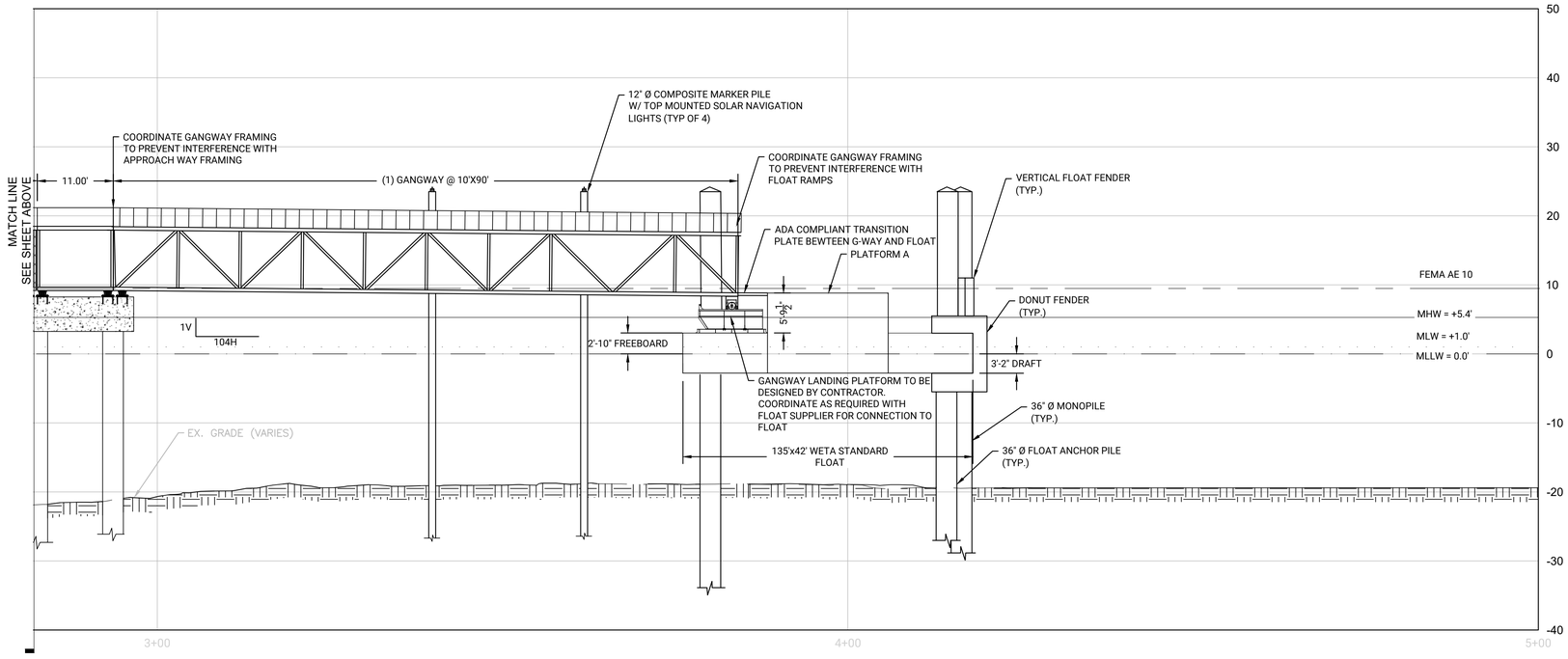
PROJECT NO: 25S001.00

SHEET NUMBER

S-104

Friday, September 11, 2026 3:44:23 PM
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A S-102 APPROACH WAY, GANGWAY, AND FLOAT PROFILE
SCALE: 1" = 10'

GENERAL NOTES:
1. ALL ELEVATIONS, DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.
2. UTILITIES NOT SHOWN FOR CLARITY, REFER TO CIVIL SERIES FOR UTILITY INFORMATION.
3. CONCRETE PILE CAP AT DOLPHIN 1 TO MAINTAIN A MINIMUM OF 2 FOOT CLEARANCE FROM EXISTING STRUCTURES FOR SEISMIC MOVEMENT.
4. GANGWAY SLOPE SHALL MEET ADA COMPLIANCE WITH A MAXIMUM SLOPE OF 5% (1V:20H).
5. SECURITY GATES AT HEAD OF APPROACH RAMP AND AT END OF APPROACH RAMP, ON DOLPHIN 4 SHALL BE ADA COMPLIANT AND SIMILAR TO SEAPLANE LAGOON FERRY TERMINAL. CONTRACTOR SHALL SUBMIT PROPOSED GATE DETAILS TO WETA FOR APPROVAL.

GRAPHIC SCALE
0 5 10 20
(IN FEET)
1 INCH = 10 FEET

Foth

WETA
WATER EMERGENCY TRANSPORTATION AUTHORITY
San Francisco Bay Ferry

SAN FRANCISCO BAY AREA
WETA

PROPOSED VALLEJO FERRY
TERMINAL RECONFIGURATION

NO	BY	DATE	DESCRIPTION
			REVISIONS

DATE OF PREPARATION

	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
CHECKED		

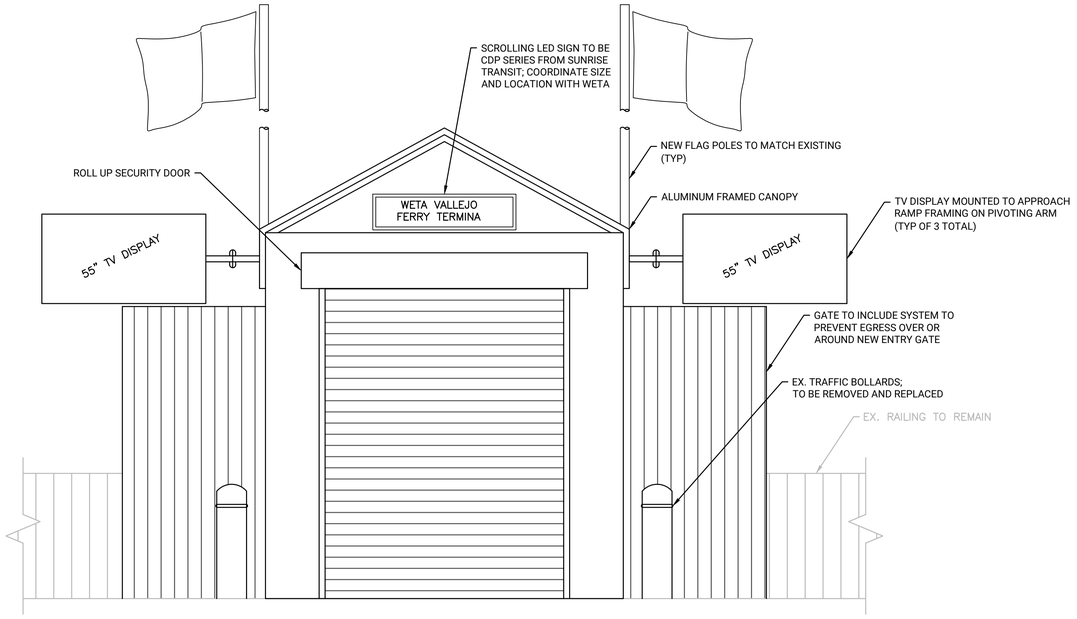
SHEET TITLE:
APPROACH WAY, GANGWAY AND FLOAT PROFILE

ISSUANCE:
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER
S-301

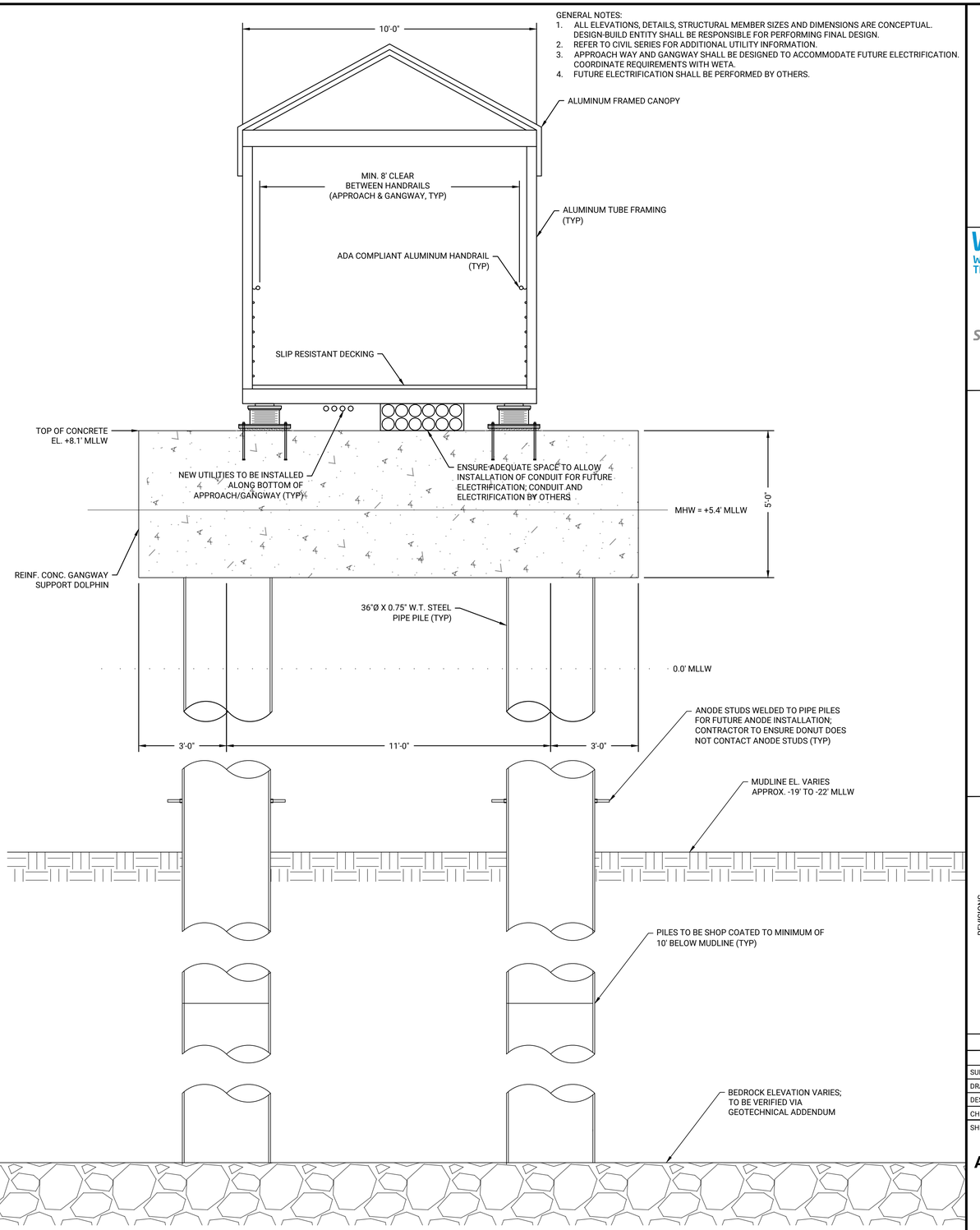
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A / S-103 SECTION A - ENTERANCE GATE
SCALE: 1" = 2'

ENTRANCE GATE AND ACCESS DOOR NOTES:
1. TV DISPLAYS SHALL BE SAMSUNG PHA-S SERIES 55", MODEL # OH55A-S AND INCLUDE A 5-YEAR FAST TRACK WITH WHITE GLOVE SERVICE PLAN.
2. PIVOTING ARMS SHALL BE 316 STAINLESS STEEL.
3. COORDINATE WITH WETA FOR FINAL INSTALLATION LOCATION, HEIGHT, AND PIVOTING REQUIREMENTS.
3. SECURITY GATES AT HEAD OF APPROACH RAMP AND AT END OF APPROACH RAMP, ON DOLPHIN 4 SHALL CONFORM TO THE FOLLOWING MINIMUM REQUIREMENTS:
   - 3.1. DOORS SHALL BE MOTORIZED, HEAVY DUTY COMMERCIAL GRADE, ROLL UP STYLE.
   - 3.2. DOORS SHALL BE ADA COMPLIANT.
   - 3.3. DOORS SHALL HAVE A MEANS FOR MANUAL OPENING/CLOSING OPERATIONS IN THE EVENT OF A LOSS OF POWER.
   - 3.4. DOORS SHALL BE COMPOSED OF CORROSION RESISTANT MATERIALS, SUITABLE FOR USE IN A MARINE ENVIRONMENT.
   - 3.5. A REMOTE PUSH BUTTON SHALL BE LOCATED ON DOLPHIN 4 CAPABLE OF OPENING/CLOSING BOTH DOORS.
   - 3.6. A REMOTE PUSH BUTTON SHALL BE LOCATED ON THE FLOAT CAPABLE OF OPENING/CLOSING THE DOOR ON DOLPHIN 4.
   - 3.7. BOTH DOORS SHALL BE REMOTELY OPERABLE FROM EITHER SIDE USING AN AMAG ACCESS CARD KEY.
   - 3.8. REMOTE OPERATION OF EITHER DOOR, AT ALL LOCATIONS, SHALL REQUIRE AMAG CARD KEY.
4. CONTRACTOR SHALL SUBMIT PROPOSED GATE DETAILS TO WETA FOR REVIEW AND APPROVAL.
5. COORDINATE WITH WETA FOR TECHNICAL DETAILS OF AMAG SYSTEM AS REQUIRED.

GENERAL NOTES:
1. ALL ELEVATIONS, DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.
2. REFER TO CIVIL SERIES FOR ADDITIONAL UTILITY INFORMATION.
3. APPROACH WAY AND GANGWAY SHALL BE DESIGNED TO ACCOMMODATE FUTURE ELECTRIFICATION. COORDINATE REQUIREMENTS WITH WETA.
4. FUTURE ELECTRIFICATION SHALL BE PERFORMED BY OTHERS.



B / S-103 SECTION B - TYPICAL CONC. DOLPHIN
SCALE: 1" = 2'

GRAPHIC SCALE
0 1 2 4
(IN FEET)
1 INCH = 2 FEET

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SAN FRANCISCO BAY AREA WETA

PROPOSED VALLEJO FERRY TERMINAL RECONFIGURATION

REVISIONS

NO.	BY	DATE	DESCRIPTION

DATE OF PREPARATION

	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
CHECKED		

SHEET TITLE:

GATE AND APPROACH WAY SECTIONS

ISSUANCE:

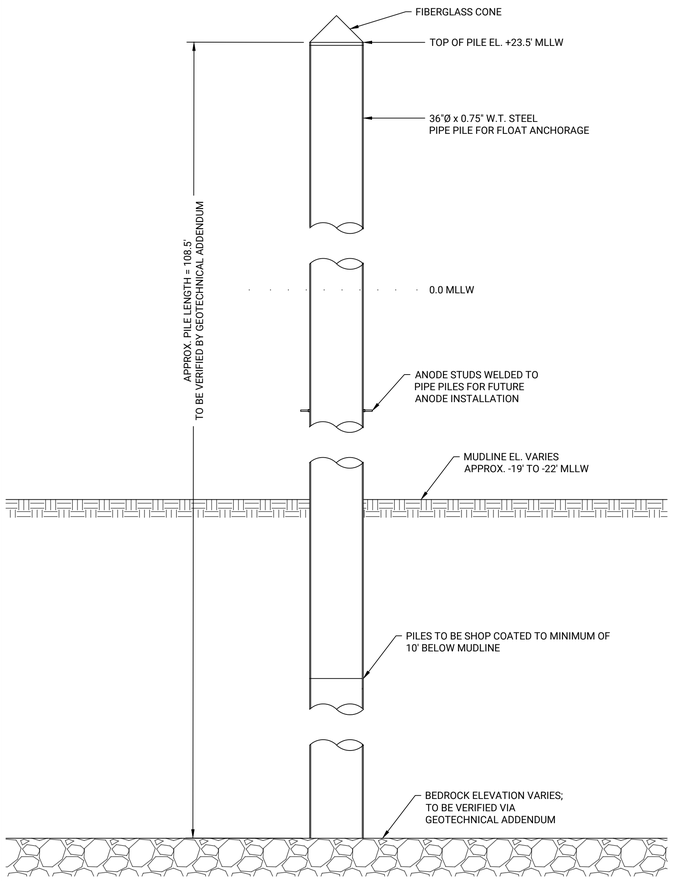
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 2SS001.00

SHEET NUMBER

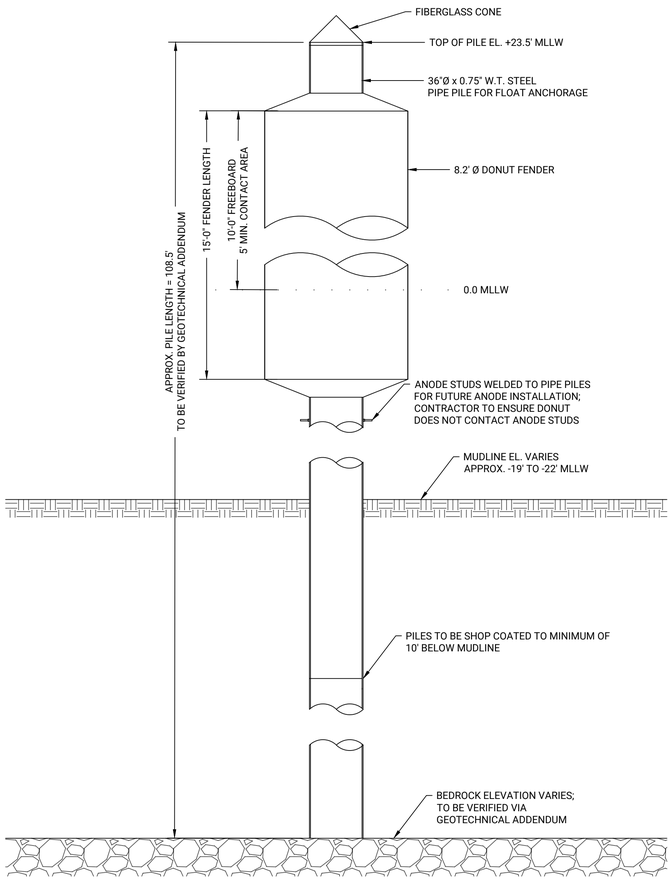
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D1 S-501 TYPICAL FLOAT ANCHOR PILE
SCALE: 1" = 4'

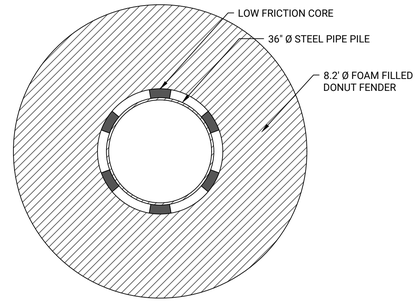
NOTE:
1. FLOAT NOW SHOWN FOR CLARITY.



D2 S-501 TYPICAL DONUT FENDER PILE
SCALE: 1" = 4'

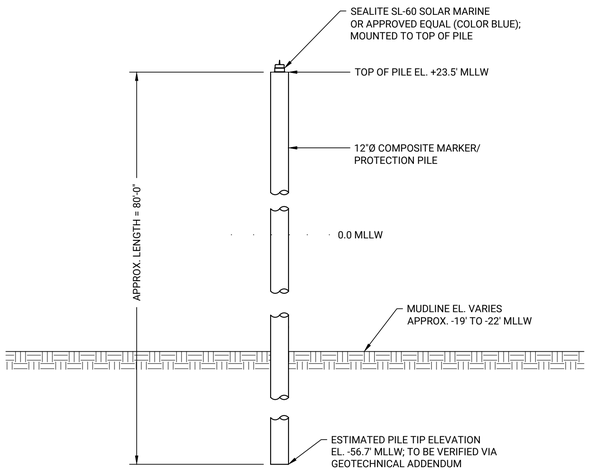
NOTE:
1. FLOAT NOW SHOWN FOR CLARITY.

GENERAL NOTES:
1. ALL DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.
2. DESIGN-BUILD ENTITY SHALL INSTALL STUDS WELDED TO PILES TO ALLOW FOR FUTURE ANODE INSTALLATION.

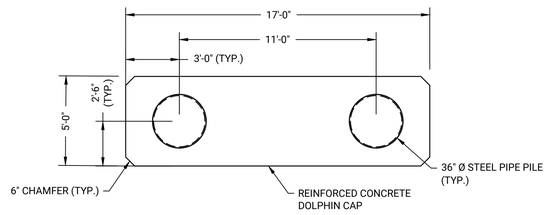


D3 S-501 SECTION A - DONUT FENDER PILE
SCALE: 1" = 2'

FENDER PILE NOTES:
1. THE DONUT FENDER SHALL COMPLY WITH THE FOLLOWING:
   1.1. TYPE - FOAM FILLED DONUT
   1.2. FENDER SIZE - 8.2' DIAMETER
   1.3. PILE DIAMETER - 36 INCHES
   1.4. ENERGY - 6.3 FT-KIP PER FOOT
   1.5. REACTION - 15.7 KIP PER FOOT
   1.6. MINIMUM CONTACT LENGTH - 5 FEET
2. THE DONUT FENDER SHALL BE FREE TO ROTATE AND DISPLACE VERTICALLY ALONG THE PIPE PILE TO ACCOMMODATE THE FULL TIDAL RANGE.

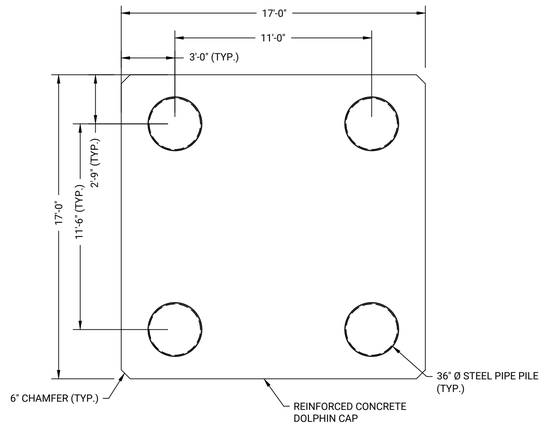


D4 S-501 TYPICAL COMPOSITE MARKER PILE
SCALE: 1" = 4'



D5 S-501 TYPICAL 2-PILE CONCRETE DOLPHIN PLAN
SCALE: 1" = 4'

NOTE:
1. STEEL REINFORCEMENT SHALL BE DESIGNED BY DESIGN-BUILD ENTITY.
2. APPROACH WAY AND GANGWAY NOT SHOWN FOR CLARITY.



D6 S-501 4-PILE CONCRETE DOLPHIN PLAN
SCALE: 1" = 4'

NOTE:
1. STEEL REINFORCEMENT SHALL BE DESIGNED BY DESIGN-BUILD ENTITY.
2. APPROACH WAY AND GANGWAY NOT SHOWN FOR CLARITY.

GRAPHIC SCALE
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(IN FEET)
1 INCH = 2 FEET

GRAPHIC SCALE
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(IN FEET)
1 INCH = 4 FEET

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PROPOSED VALLEJO FERRY TERMINAL RECONFIGURATION

REVISIONS

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SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
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SHEET TITLE:
TYPICAL SECTIONS AND DETAILS

ISSUANCE:
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

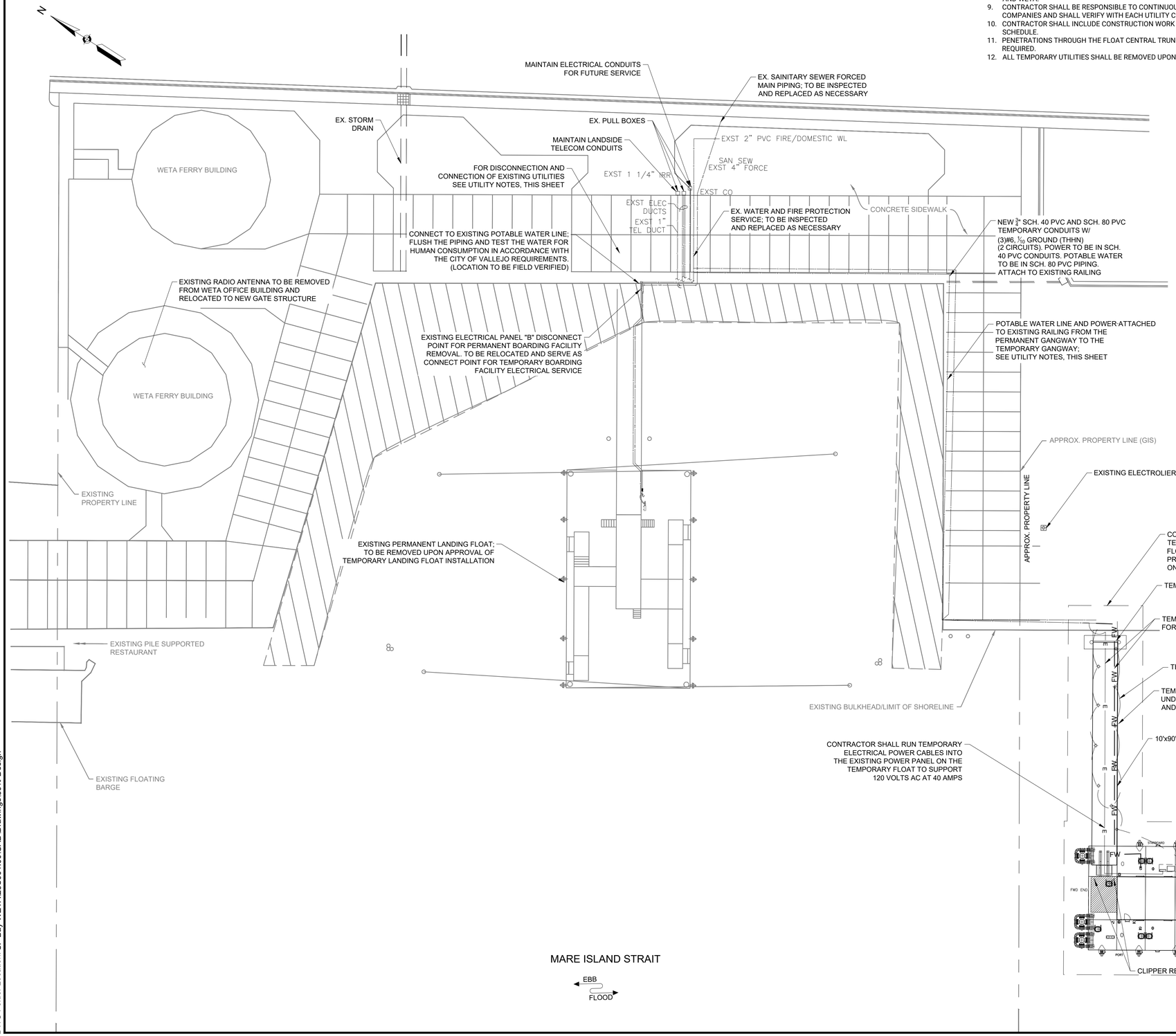
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UTILITY DRAWING NOTES:

1. ALL DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL.
2. DESIGN-BUILD CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING SITE/UTILITY CONDITIONS AND FINAL DESIGN.
2. REFERENCE SHEET G-002 FOR GENERAL CONSTRUCTION NOTES.
3. SEE SHEET C-102 FOR UTILITY MATRIX.
4. CONTRACTOR TO VERIFY SITE SURVEY, EXTENT OF WORK AND PROPERTY BOUNDARY.
5. ADDITIONAL SITE UTILITY WORK IDENTIFIED AS NECESSARY RESULTING FROM UTILITY INVESTIGATIONS ARE TO BE DESIGNED AND CONSTRUCTED BY THE CONTRACTOR.
6. UTILITY CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES TO ENSURE PROPER INSTALLATION.
7. PRIOR TO PERFORMING ANY UNDERFROUND WORK, CONTRACTOR SHALL FIELD VERIFY AND LOCATE ALL EXISTING UTILITIES FOR AREAS WITH NEW TRENCHING AND NOTIFY WETA IMMEDIATELY REGARDING UNFORSEEN UTILITIES IMPACTING THE WORK.
8. CONTRACTOR SHALL CONTACT AND INVITE UTILITY COMPANY(S) REPRESENTATIVE(S) TO THE FIRST CONSTRUCTION MEETING, HELD JOINTLY WITH THE CONTRACTOR AND WETA.
9. CONTRACTOR SHALL BE RESPONSIBLE TO CONTINUOUSLY UPDATE EACH UTILITY COMPANY OF ITS CONSTRUCTION SCHEDULING OF WORK TO BE PREFORMED BY UTILITY COMPANIES AND SHALL VERIFY WITH EACH UTILITY COMPANY'S CONSTRUCTION SCHEDULE.
10. CONTRACTOR SHALL INCLUDE CONSTRUCTION WORK TO BE PERFORMED BY EACH UTILITY COMPANY AS A CONSTRUCTION MILESTONE IN THE OVERALL PROJECT SCHEDULE.
11. PENETRATIONS THROUGH THE FLOAT CENTRAL TRUNK WILL NOT BE PERMITTED. ALL UTILITIES SHALL BE ROUTED ALONG THE FLOAT LOWER DECK OR MOUNTED AS REQUIRED.
12. ALL TEMPORARY UTILITIES SHALL BE REMOVED UPON INSTALLATION OF THE WETA STANDARD FLOAT AT THE NEW PERMANENT LANDING FLOAT LOCATION.

GRAPHIC SCALE
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(IN FEET)
1 INCH =20FEET



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PROPOSED VALLEJO FERRY
TERMINAL RECONFIGURATION

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	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	TRR	6/30/2025
CHECKED		

SHEET TITLE:

EXISTING AND TERMPORARY FLOAT UTILITY PLAN

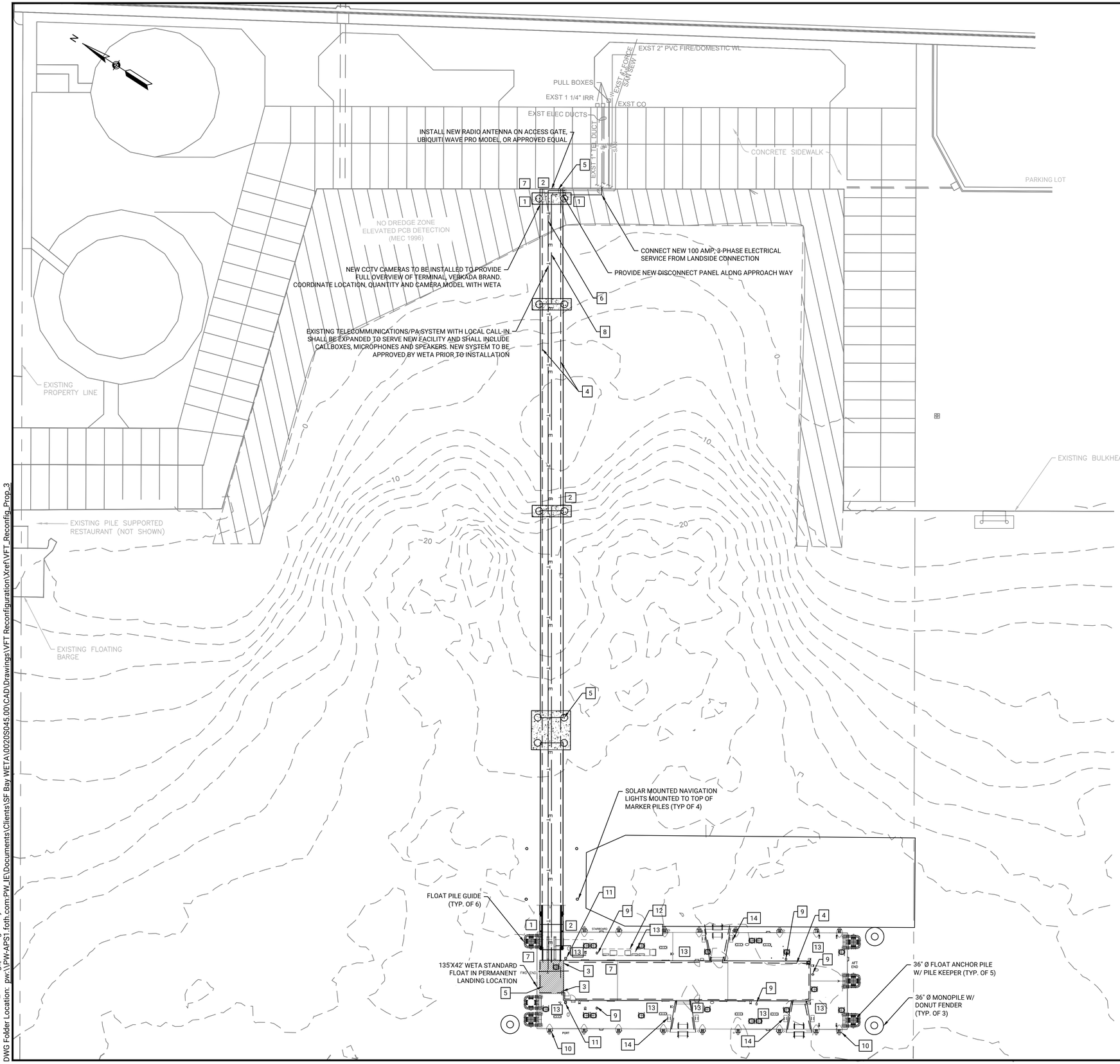
ISSUANCE:

REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER

C-101



UTILITY PLAN NOTES:

1. ALL CONDUIT, FIXTURES, OUTLETS AND DIMENSIONS ARE CONCEPTUAL AND SHOWN DIAGRAMMATICALLY.
2. ALL ROUTING SHALL BE COORDINATED WITH OTHER BURIED UTILITIES.
3. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.
4. REFERENCE SHEET G-002 FOR GENERAL NOTES.
5. FINAL LOCATION OF UTILITIES SHALL BE COORDINATED WITH WETA.
6. CONTRACTOR SHALL CONSULT WITH WETA FOR FUTURE ELECTRIFICATION REQUIREMENTS.
7. REFER TO BASIS OF DESIGN AND PROJECT SPECIFICATIONS FOR ADDITIONAL UTILITY REQUIREMENTS.
8. PENETRATIONS THROUGH THE FLOAT CENTRAL TRUNK WILL NOT BE PERMITTED. ALL UTILITIES SHALL BE ROUTED ALONG THE FLOAT LOWER DECK OR MOUNTED AS REQUIRED.
9. THE FLOAT WILL BE FURNISHED WITH LIFTS FOR THE ADJUSTABLE BOARDING RAMPS BY JT MARINE. THE DESIGN-BUILD ENTITY SHALL PROVIDE POWER TO THESE LIFTS.

KEY NOTES:

1 TV DISPLAYS, SAMSUNG PHA-S SERIES 55" MODEL #0H55A-S W/ PIVOTING ARMS (3 TOTAL)
2 SCROLLING LED DISPLAY SIGN, CDP SERIES FROM SUNRISE TRANSIT (3 TOTAL)
3 CLIPPER READERS (BY OTHERS)
4 LED LIGHTING INTEGRATED IN RAILING (MIN. 5-FOOTCANDLE LIGHTING)
5 MOTORIZED ROLL UP ADA DOOR ACTUATOR
6 DATA/TELECOMMUNICATIONS LINES
7 WI-FI CONNECTION POINT (3 TOTAL)
8 ELECTRICAL SUPPLY CONDUIT
9 GFCI RECEPTACLE (5 TOTAL, COORDINATE WITH WETA FOR LOCATION)
10 NAVIGATION LIGHTS (HARDWIRE POWER), (2 TOTAL ON CORNERS OF FLOAT)
11 SHORE POWER (2 TOTAL)
12 ELECTRIC PANELS AND ENCLOSURES
13 OVERHEAD LIGHTING (UTILIZE CANOPY COLUMN BASES FOR LIGHT POSTS)
14 ADJUSTABLE RAMP LIFTS (3 TOTAL, SUPPLIED BY JT MARINE)

Vallejo Ferry Terminal Reconfiguration - Utility Matrix			
Utility/System	**Current Vallejo Ferry Terminal Facility**	**New VFT Float @ Temporary Location**	**New VFT Float @ Permanent Location**
Potable Water	Yes	Yes	Yes
Vessel Washdown Water	Yes	Yes	Yes
Fire Suppression	Yes	Yes	Yes
Sewage Offload	Yes	No	Yes
Electrical Power for:			
Vessel Shore Power: 208VAC 3ø 100A 4-wire	Yes	No	Yes
Gangway Lighting 120VAC	Yes	Yes	Yes
Float Area Lighting 120VAC	Yes	Yes	Yes
Digital Signage 120VAC	n/a	No	Yes
Clipper 120VAC	Yes	Yes	Yes
Adjustable Boarding Ramp Lifts 120VAC	n/a	Yes	Yes
Access Control 120VAC	Yes	No	Yes
Communications Cabling (Cat6 Ethernet) for:			
Digital Signage	n/a	No	Yes
Wireless Network Data Link	Yes	No	Yes
WiFi Access Points	n/a	No	Yes
Public Address System	Yes	No	Yes
CCTV Camera System	Yes	Yes	Yes
Access Control System	Yes	No	Yes

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH = 20 FEET

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WETA

PROPOSED VALLEJO FERRY TERMINAL RECONFIGURATION

REVISIONS			
NO.	BY	DATE	DESCRIPTION

DATE OF PREPARATION

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DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
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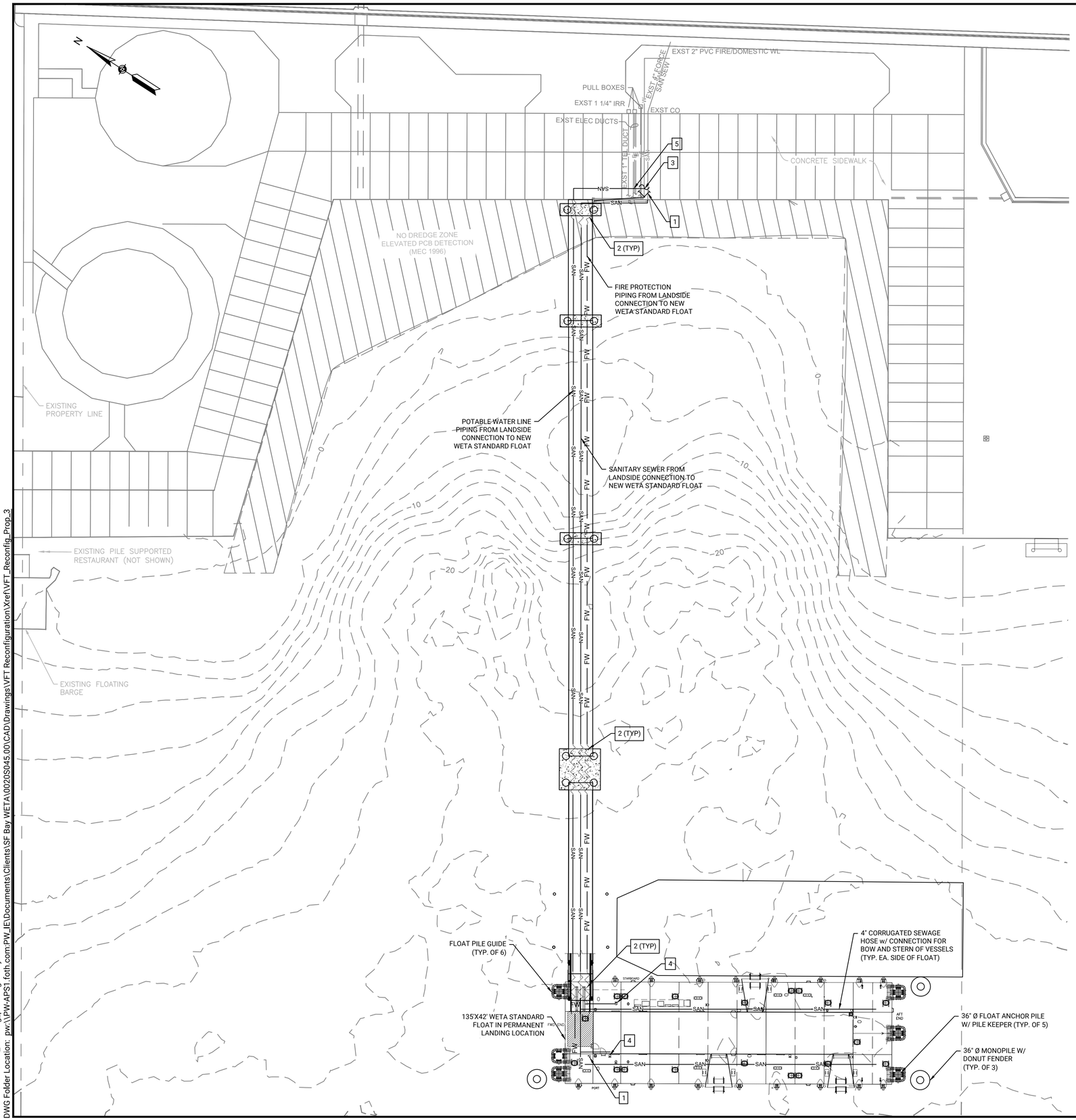
SHEET TITLE:
OVERALL ELECTRICAL AND TELECOM. UTILITY PLAN

ISSUANCE:
REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER
C-102

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UTILITY PLAN GENERAL NOTES:

1. ALL DETAILS, STRUCTURAL MEMBER SIZES AND DIMENSIONS ARE CONCEPTUAL.
2. DESIGN-BUILD ENTITY SHALL BE RESPONSIBLE FOR PERFORMING FINAL DESIGN.
3. REFERENCE SHEET G-002 FOR GENERAL NOTES.
4. FINAL LOCATION OF UTILITIES SHALL BE COORDINATED WITH WETA.
5. REFER TO BASIS OF DESIGN AND PROJECT SPECIFICATIONS FOR ADDITIONAL UTILITY REQUIREMENTS.
6. SEE UTILITY MATRIX ON SHEET C-102.
7. PENETRATIONS THROUGH THE FLOAT CENTRAL TRUNK WILL NOT BE PERMITTED. ALL UTILITIES SHALL BE ROUTED ALONG THE FLOAT LOWER DECK OR MOUNTED AS REQUIRED.

FIRE SUPPRESSION SYSTEM NOTES:

1. ALL TERMINAL CONSTRUCTION SHALL BE NON-COMBUSTIBLE.
2. CONTRACTOR SHALL PROVIDE FULL DESIGN, ENGINEERING AND INSTALLATION OF CODE COMPLIANT FIRE PROTECTION SYSTEM ACCEPTABLE TO THE CITY OF VALLEJO FIRE DEPARTMENT THAT IS THE AUTHORITY HAVING JURISDICTION AND SHALL COMPLY WITH ALL CITY OF VALLEJO FIRE DEPARTMENT REGULATIONS, INCLUDING ANY EVACUATION PROVISIONS.
3. DESIGN AND ENGINEERING OF THE SYSTEM SHALL BE PERFORMED BY A FIRE PROTECTION ENGINEER CURRENTLY LICENSED IN THE STATE OF CALIFORNIA. THE ENGINEER SHALL VISIT THE SITE, REVIEW THE EXISTING CONDITIONS AND PERFORM A UTILITY SURVEY. DESIGN SHALL BE IN ACCORDANCE WITH THE CURRENT APPLICABLE CODES AND STANDARDS, INCLUDING NFPA 307, CALIFORNIA BUILDING CODE, AND CALIFORNIA FIRE CODE.
4. SYSTEMS SHALL BE DESIGNED AND INSTALLED TO ACCOMMODATE VIBRATION AND DIFFERENTIAL MOVEMENT OF THE STRUCTURES DUE TO EARTHQUAKE AND TO ALLOW MOVEMENT OF THE GANGWAY AND FLOAT FOR TIDAL CHANGES. PROVIDE ALL NECESSARY SEISMIC BRACING AND FLEXIBLE CONNECTIONS AT THE END OF EACH GANGWAY, SIZED TO ACCOMMODATE ANTICIPATED MOVEMENT.
5. DESIGN OF THE SYSTEM SHALL INCLUDE ALL REQUIRED PIPES, FITTINGS, HANGERS, VALVES, ALARMS, SWITCHES, BACKFLOW DEVICES AND CONNECTIONS AS REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
6. FIRE PROTECTION ENGINEER SHALL PREPARE, STAMP, SIGN AND SUBMIT ALL NECESSARY APPLICATIONS, DRAWINGS, CALCULATIONS, AND CUT-SHEETS FOR APPROVAL OF THE FIRE PROTECTION SYSTEM. SCHEDULE AND COORDINATE WITH ALL REQUIRED INSPECTIONS.
7. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS, INCLUDING ALL EXISTING ABOVE AND UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK AND COORDINATE WITH ALL OTHER TRADES. ALL DISCREPANCIES OR POTENTIAL PROBLEMS SHALL BE BROUGHT TO THE ATTENTION OF WETA PRIOR TO INSTALLATION. THE CONTRACTOR'S PROPOSAL SHALL INCLUDE UNIT PRICES OF ITEMS THAT MAY NEED TO BE REPLACED AND REINSTALLED.
8. IN CASE OF DISCREPANCIES BETWEEN CODES, SPECIFICATIONS, STATE LAWS, LOCAL ORDINANCES, INDUSTRY STANDARDS, UTILITY COMPANY REGULATIONS, AND CONTRACT DOCUMENTS, THE MOST STRINGENT SHALL GOVERN. PROMPTLY NOTIFY WETA IN WRITING OF ANY SUCH DIFFERENCE.
9. MATERIALS AND EQUIPMENT FURNISHED AND INSTALLED SHALL BE NEW, FREE FROM DEFECTS, AND SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER. SHOULD ANY PROBLEMS DEVELOP DURING THAT PERIOD DUE TO FAULTY WORKMANSHIP OR MATERIAL AND LABOR IT SHALL BE CORRECTED WITHOUT COST TO WETA.
10. THE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE THE EXACT LOCATION OF PIPING, EQUIPMENT OR APPURTENANCES.
11. FIRE PROTECTION WATER PIPING SHALL BE FABRICATED AND INSTALLED BASED ON ACTUAL FIELD MEASUREMENTS. FIRE PROTECTION WATER PIPING SHALL BE INSTALLED PROPERLY TO AVOID OTHER UTILITIES IN THE WORK AREA.
12. FIRE DEPARTMENT CONNECTIONS SHALL BE LOCATED CLEAR OF PUBLIC ASSEMBLY AREAS AND SHALL BE ACCESSIBLE.
13. THE CONTRACTOR SHALL TAKE ALL DUE PRECAUTIONARY MEANS TO PROTECT EXISTING UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, PROTECT, AND MAINTAIN ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THE DRAWINGS.
14. HYDROSTATIC TESTING OF ALL SYSTEMS SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIFICATIONS AND NFPA 13 REQUIREMENTS. THE ENTIRE INSTALLATION SHALL BE INSPECTED, TESTED, AND FLUSHED IN ACCORDANCE WITH NFPA 13 AND APPROVED BY THE OWNER AND VALLEJO FIRE DEPARTMENT PRIOR TO FINAL ACCEPTANCE.
15. ALL PIPE SUPPORT STRUTS, FITTINGS, CLAMPS, BOLTS, NUTS AND HARDWARE SHALL BE 316 STAINLESS STEEL.
16. PIPING UNDER APPROACH WAY AND GANGWAY SHALL BE LOCATED TO FACILITATE CONCEALMENT.
17. FLEX HOSES SHALL NOT BE OVER BENT OR TWISTED. FLEX HOSES SHALL BE PROVIDED SO THAT THE EXPECTED MOVEMENT ORIGINATES IN THE SAME PLANE AS THE CENTERLINE.
18. FLEX HOSES SHALL BE PROVIDED WITH MINIMUM CENTERLINE RADIUS AND MINIMUM STATIC BEND RADIUS IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.
19. REFER TO BASIS OF DESIGN AND PROJECT SPECIFICATIONS FOR ADDITIONAL UTILITY REQUIREMENTS.

PLUMBING SYSTEM NOTES:

1. EXAMINE ALL DRAWINGS AND FIELD VERIFY MECHANICAL/ELECTRICAL AND PLUMBING CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK. REPORT ANY DISCREPANCIES IN WRITING TO WETA AS NOTED. VERIFY AT PROJECT SITE EXACT SIZE, LOCATION, INVERT ELEVATION, AND CLEARANCE OF ALL EXISTING SERVICES TO BE EXTENDED, RELOCATED, OR REMOVED.
2. THE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE THE EXACT LOCATION OF PIPING, EQUIPMENT OR APPURTENANCES.
3. SECURELY FASTEN ALL ABOVE GROUND PIPING TO THE STRUCTURES BY MEANS OF HANGERS, SUPPORTS, GUIDES, ANCHORS, AND SWAY BRACES TO MAINTAIN PIPE ALIGNMENT, TO PREVENT SAGGING, AND TO PREVENT NOISE AND EXCESSIVE STRAIN ON PIPING DUE TO MOVEMENT UNDER OPERATING CONDITIONS.
4. ALL PIPES AND FITTINGS UTILIZED IN WATER SUPPLY SYSTEMS SHALL ALSO CONFORM TO NSF 61 AS REQUIRED BY THE LATEST CALIFORNIA PLUMBING CODE.
5. COORDINATE INSTALLATION OF ALL EQUIPMENT, PIPING, AND ACCESSORIES WITH OTHER TRADES PRIOR TO INSTALLATION. COORDINATE EXACT LOCATION OF CONTROL DEVICES AND VALVE BOXES PRIOR TO INSTALLATION.
6. PIPE HANGERS SHALL BE DESIGNED TO SUPPORT THE WEIGHT OF THE PIPE AND THE WEIGHT OF THE CONTENTS OF THE PIPE. PROVIDE ADEQUATE SUPPORT FOR ALL PARTS OF THE PIPING SYSTEM. PIPE HANGERS SPACING AND ROD SIZES SHALL BE IN ACCORDANCE WITH CALIFORNIA PLUMBING CODE 313.
7. CONNECTION BETWEEN DISSIMILAR MATERIAL PIPES SHALL BE MADE WITH DIELECTRIC ISOLATING UNIONS.
8. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CALIFORNIA BUILDING CODE AND CALIFORNIA PLUMBING CODE.
9. ALL PIPE SUPPORTS, STRUTS, FITTINGS, CLAMPS, BOLTS, NUTS AND HARDWARE SHALL BE 316 STAINLESS STEEL.
10. PIPING UNDER RAMP AND WALKWAY PLATFORM SHALL BE LOCATED TO FACILITATE CONCEALMENT.
11. FLEX HOSES SHALL NOT BE OVER BENT OR TWISTED. FLEX HOSES SHALL BE PROVIDED SO THAT THE EXPECTED MOVEMENT ORIGINATES IN THE SAME PLANE AS THE CENTERLINE.
12. FLEX HOSES SHALL BE PROVIDED WITH MINIMUM CENTERLINE RADIUS AND MINIMUM STATIC BEND RADIUS IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.
13. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS, INCLUDING ALL EXISTING ABOVE AND UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK AND COORDINATE WITH ALL OTHER TRADES. ALL DISCREPANCIES OR POTENTIAL PROBLEMS SHALL BE BROUGHT TO THE ATTENTION OF WETA PRIOR TO INSTALLATION. THE CONTRACTOR'S PROPOSAL SHALL INCLUDE UNIT PRICES OF ITEMS THAT MAY NEED TO BE REPLACED AND REINSTALLED.
14. IN CASE OF DISCREPANCIES BETWEEN CODES, SPECIFICATIONS, STATE LAWS, LOCAL ORDINANCES, INDUSTRY STANDARDS, UTILITY COMPANY REGULATIONS, AND CONTRACT DOCUMENTS, THE MOST STRINGENT SHALL GOVERN. PROMPTLY NOTIFY WETA IN WRITING OF ANY SUCH DIFFERENCE.
15. MATERIALS AND EQUIPMENT FURNISHED AND INSTALLED SHALL BE NEW, FREE FROM DEFECTS, AND SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER. SHOULD ANY PROBLEMS DEVELOP DURING THAT PERIOD DUE TO FAULTY WORKMANSHIP OR MATERIAL AND LABOR IT SHALL BE CORRECTED WITHOUT COST TO WETA.
16. WATER PIPING SHALL BE FABRICATED AND INSTALLED BASED ON ACTUAL FIELD MEASUREMENTS. WATER PIPING SHALL BE INSTALLED PROPERLY TO AVOID OTHER UTILITIES IN THE WORK AREA.
17. PROVIDE VALVE BOX AND COVER FOR ALL NEW VALVES INSTALLED UNDERGROUND. INSTALL VALVE BOXES AND COVERS PER MANUFACTURER'S RECOMMENDATIONS.
18. TRACER WIRE SHALL BE RHW #10 AWG STRANDED. TRACER WIRE SHALL BE SECURELY FASTENED TO THE TOP OF NEW BURIED WATER LINES AND SHALL BE PLACED ALONG THE OUTSIDE OF THE VALVE BOX RISERS WITH ONE FOOT OF SLACK PLACED INSIDE OF THE VALVE BOX. WIRE SHALL TERMINATE IN EACH BOX IN THE DIRECTION OF THE VALVE CONTROLS.
19. CONDUCTIVITY TEST FOR TRACER WIRE SHALL BE PERFORMED AFTER BACKFILL AND COMPACTION.
20. HYDROSTATIC TESTS AND TESTS FOR HUMAN CONSUMPTION OF ALL SYSTEMS SHALL BE CONDUCTED IN ACCORDANCE WITH THE SPECIFICATIONS. THE ENTIRE INSTALLATION SHALL BE INSPECTED, TESTED, AND FLUSHED.

KEY NOTES:

1. NEW DRY FIRE STANDPIPE AND FIRE DEPARTMENT CONNECTION (COORDINATE LOCATION AND QUANTITY WITH WETA AND VALLEJO FIRE DEPARTMENT)
2. FLEXIBLE HOSE PIPING
3. CONNECT NEW POTABLE WATER PIPING AT SHORE TO EXISTING 2" DOMESTIC WATER SERVICE
4. HOSE BIBS ON FLOAT (2 TOTAL, LOCATION TO BE COORDINATED WITH WETA)
5. NEW DOUBLE CHECK BACKFLOW PREVENTER ON DEDICATED POTABLE WATER LINE TO FLOAT HOSE BIBS. PROVIDE ANCHORED CAGE FOR ABOVE GROUND BACKFLOW PREVENTER. PROVIDE DOMESTIC WATER METER IN BURIED METER BOX ON WATER LINE SERVING FLOAT AND HOSE BIBS

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH = 20 FEET

Foth

WETA
WATER EMERGENCY TRANSPORTATION AUTHORITY
San Francisco Bay Ferry

SAN FRANCISCO BAY AREA
WETA

PROPOSED VALLEJO FERRY
TERMINAL RECONFIGURATION

REVISIONS			
NO.	BY	DESCRIPTION	DATE

DATE OF PREPARATION

	BY	DATE
SURVEYED	BMS	9/25/2024
DRAWN	CFF	9/9/2026
DESIGNED	AIM	9/9/2026
CHECKED		

SHEET TITLE:

OVERALL FIRE PROTECTION AND PLUMBING UTILITY PLAN

ISSUANCE:

REQUEST FOR PROPOSAL SUBMITTAL 9/16/2026

PROJECT NO: 25S001.00

SHEET NUMBER

C-103

Friday, September 11, 2026 3:48:10 PM
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