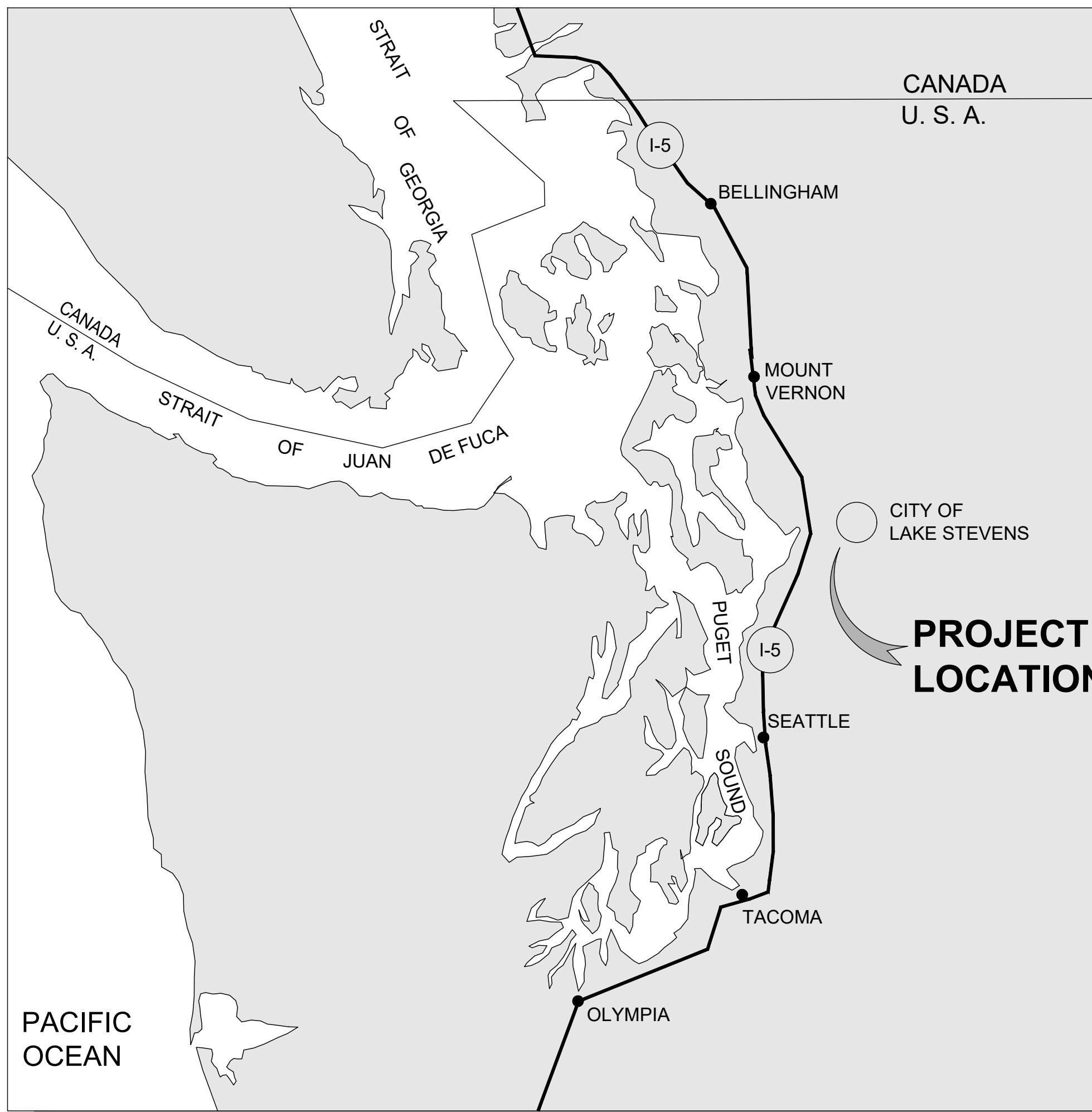


SUNSET BEACH PARK - DOCK REPLACEMENT

100% DESIGN - ISSUED FOR BID



VICINITY MAP

NTS

SHEET INDEX		
SHEET	No.	SHEET TITLE
G1.01	1	TITLE SHEET
C1.01	2	SITE PLAN
C1.02	3	DOCK PLAN & PROFILE
C1.03	4	DOCK DETAILS
C1.04	5	DOCK DETAILS
C1.05	6	ABUTMENT DETAILS
C1.06	7	GENERAL NOTES
C1.07	8	SPECIAL INSPECTIONS



PROJECT LOCATION

NTS

LEED ACCREDITED PROFESSIONAL & THE RELATED ACRONYM & THE LEED AP LOGO ARE TRADEMARKS OWNED BY U.S. GREEN BUILDING COUNCIL INC. AND ARE AWARDED IN THE U.S. AND CANADA BY THE GREEN BUILDING CERTIFICATION INSTITUTE.		
LEED AP		
No.	DATE	REVISION

9706 4th Ave NE
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Seattle, WA 98115
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2 BUSINESS DAYS
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(UNDERGROUND UTILITY LOCATIONS ARE APPROX.)



BASE MAP TOPOGRAPHY PROVIDED BY
OTHERS. DOG CANNOT BE HELD LIABLE
FOR ACCURACY. CONTRACTOR SHALL
FIELD VERIFY GRADES, UTILITIES, & ALL
OTHER EX FEATURES & CONDITIONS. IF
CONTRACTOR CHANGES ANYTHING AS SHOWN
ON PLANS, THE CONTRACTOR'S WORK
CANNOT BE CONSTRUCTED AS
SHOWN. CONTACT DCG PRIOR TO
CONSTRUCTION.

CITY OF LAKE STEVENS	SUNSET BEACH PARK - DOCK REPLACEMENT
410 E LAKE STEVENS RD, LAKE STEVENS	PROPOSED BEACH RESTORATION
TITLE SHEET	

PROJ. MANAGER:	EPD
DESIGNED BY:	EPD
DRAWN BY:	EPD
CHECKED BY:	DM
SCALE:	NOTED
DATE:	6/23/2023
REV.:	A
SHEET NUMBER	1 OF 8

G1.01

PROJECT INFORMATION

CITY OF LAKE STEVENS - SUNSET BEACH PARK
410 E LAKE STEVENS RD, LAKE STEVENS WA 98258
PARCEL: 00533400001500

HORIZONTAL AND VERTICAL DATUMS

HORIZONTAL DATUM: NAD 83/11
VERTICAL DATUM: NAVD 88

HORIZONTAL AND VERTICAL DATUMS ESTABLISHED BY RTK GPS
OBSERVATION UTILIZING WSRN (WASHINGTON STATE REFERENCE
NETWORK)

PROJECT CONTROL

PROJECT CONTROL (CTRL) AND PROPOSED POINTS (PT) SHOWN.
CONTRACTOR SHALL VERIFY ALL PROJECT CONTROL AND
PROPOSED POINTS AND SUBMIT POINT VERIFICATION TO OWNER.
CONTRACTOR SHALL CONFIRM FINAL DIMENSION AND LOCATIONS
OF ALL ITEMS CONTROL AND PROPOSED AND SUBMIT TO OWNER.
POINT VERIFICATION SHALL INCLUDE NORTHING, EASTING,
ELEVATION, AND APPLICABLE INFORMATION.

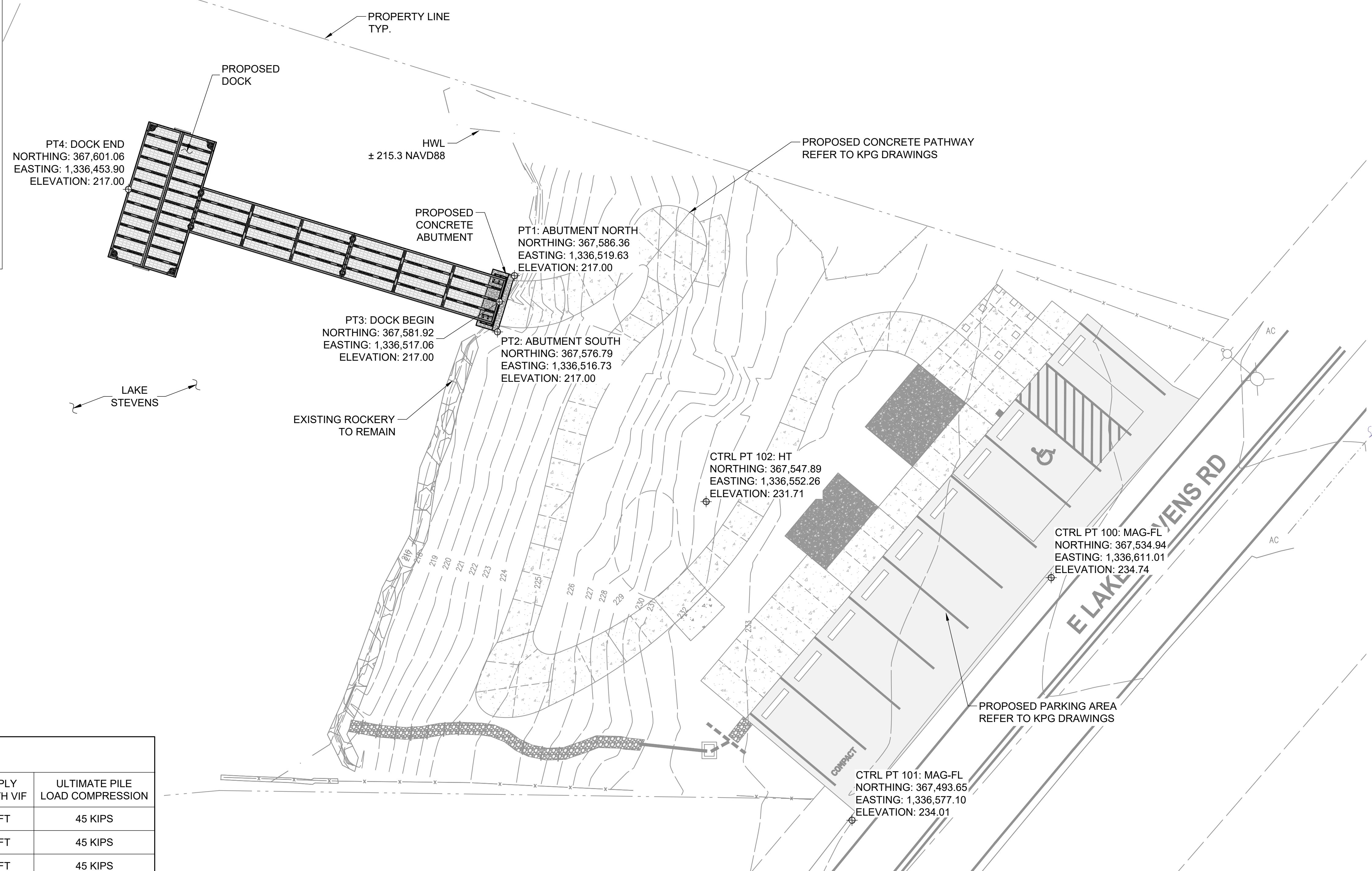
EXISTING CONDITIONS AND SURVEY

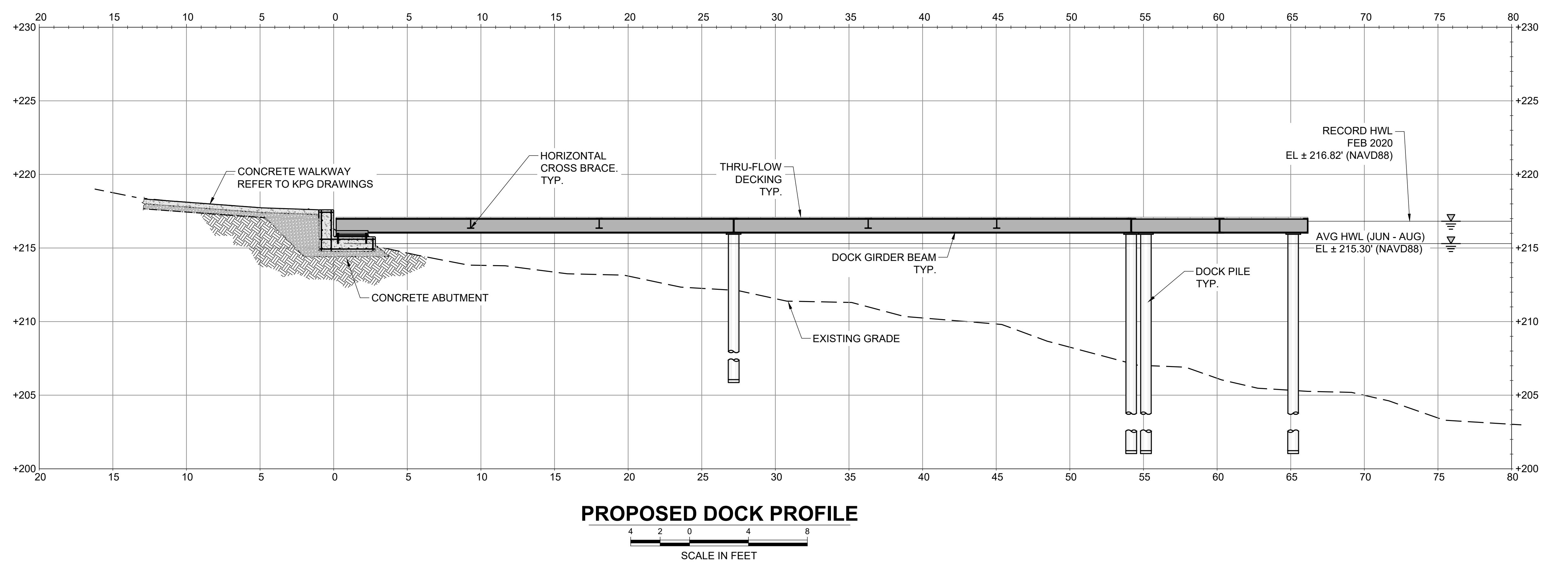
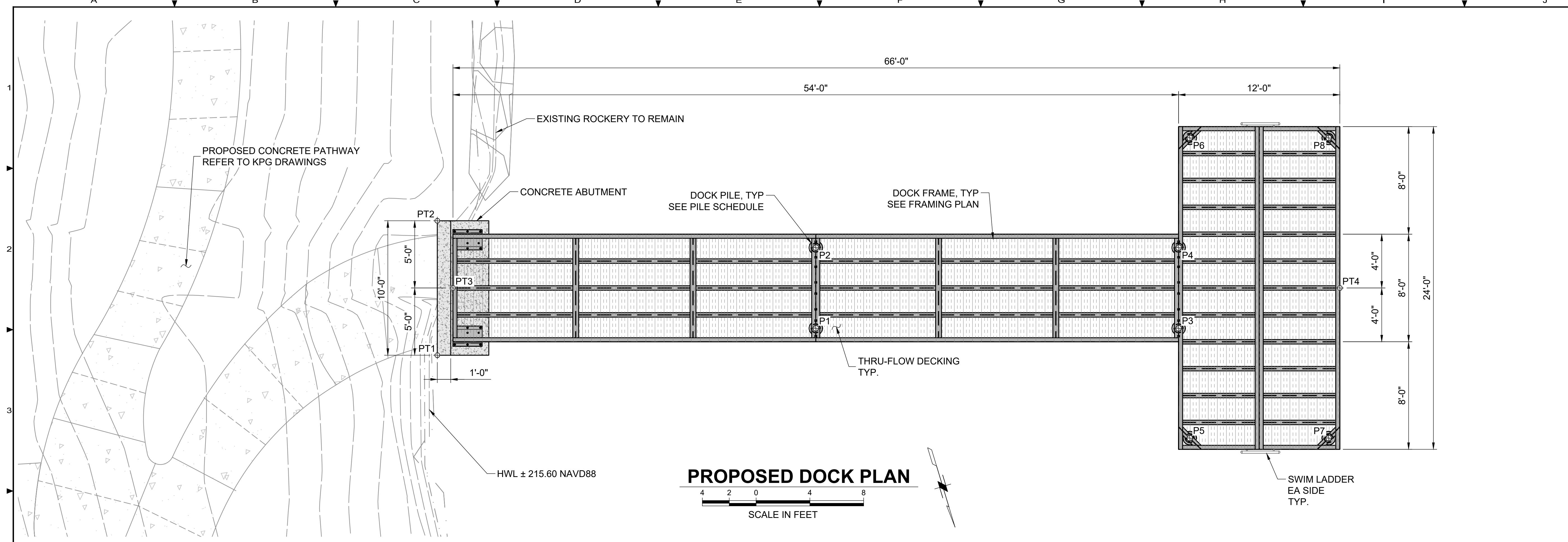
FIELD SURVEY: KPG, JUNE, 2022. LICENSEE MICHAEL R. BROWN, P.L.S.
NO. 29294/RONALD D. REICHEL, P.L.S. NO. 38015.

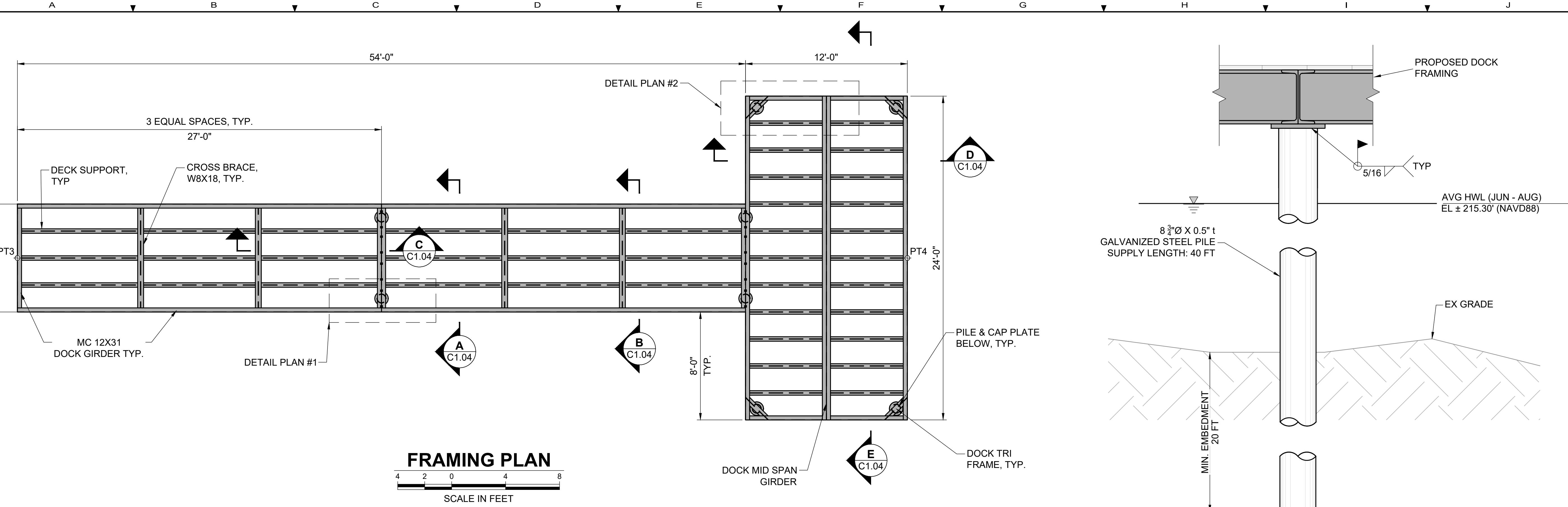
CONTOUR INTERVAL = 1 FOOT, ± 0.5 FOOT PER NATIONAL MAPPING
STANDARDS. CONTOURS DERIVED FROM DIRECT FIELD
OBSERVATIONS.

TEMPORARY EROSION AND SEDIMENT CONTROL

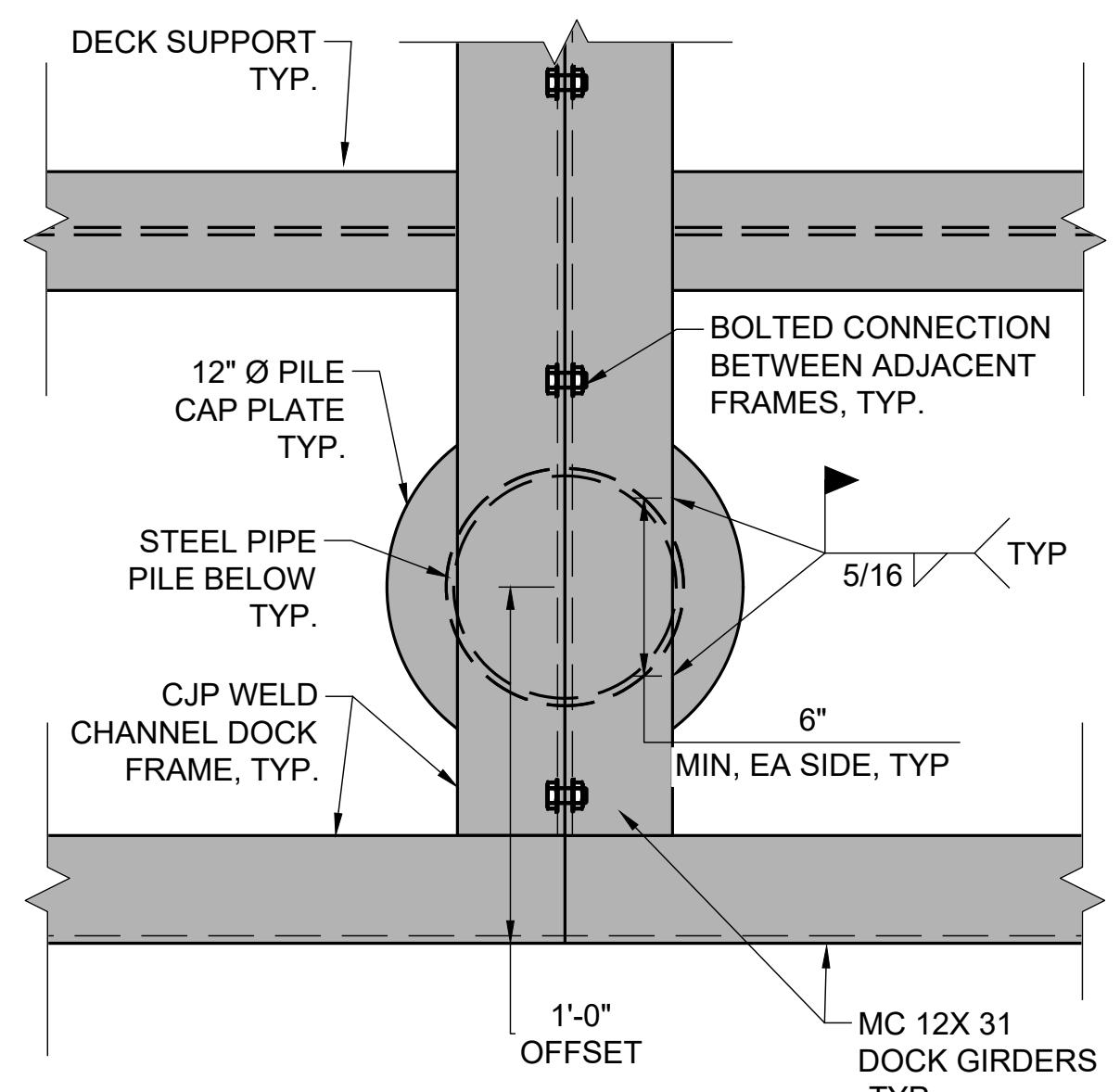
CONTRACTOR SHALL UTILIZE APPROPRIATE TYPICAL TEMPORARY
EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES
(BMPs) TO PROTECT THE SITE, INCLUDING BUT NOT LIMITED TO
TURBIDITY CURTAINS, DRAINAGE MANAGEMENT, AND EXPOSED
SOILS PROTECTION.





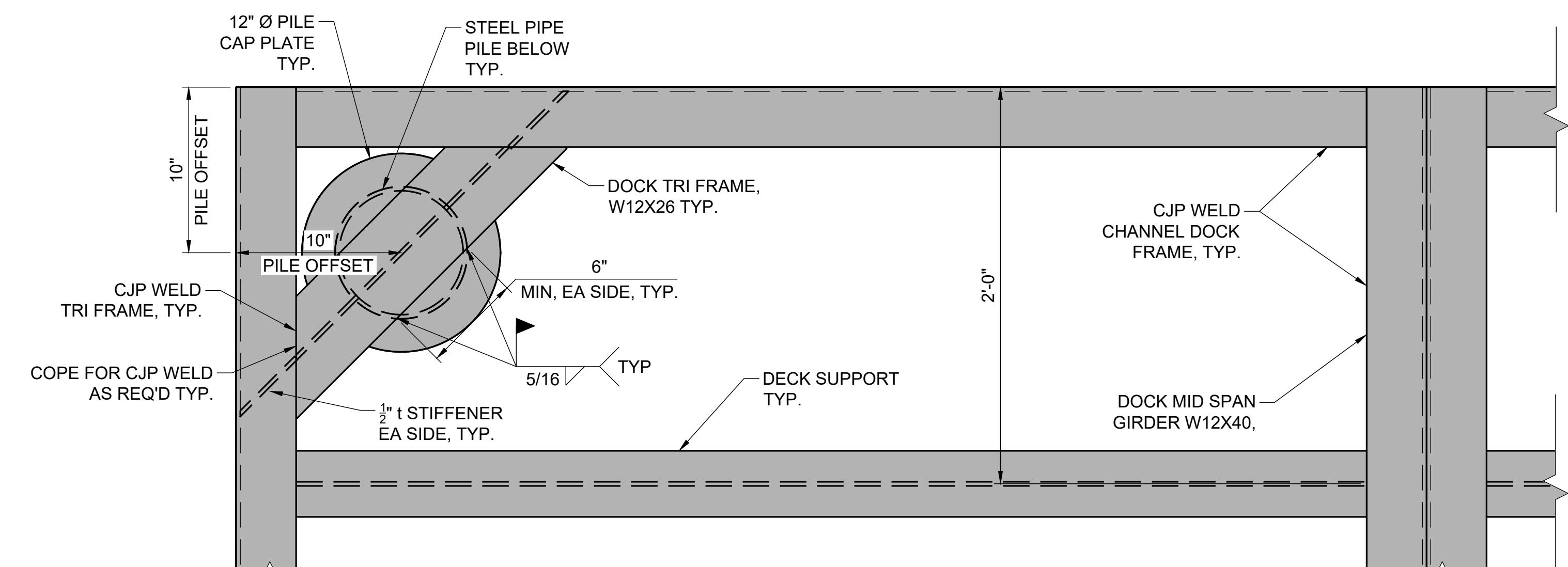


FRAMING PLAN
SCALE IN FEET



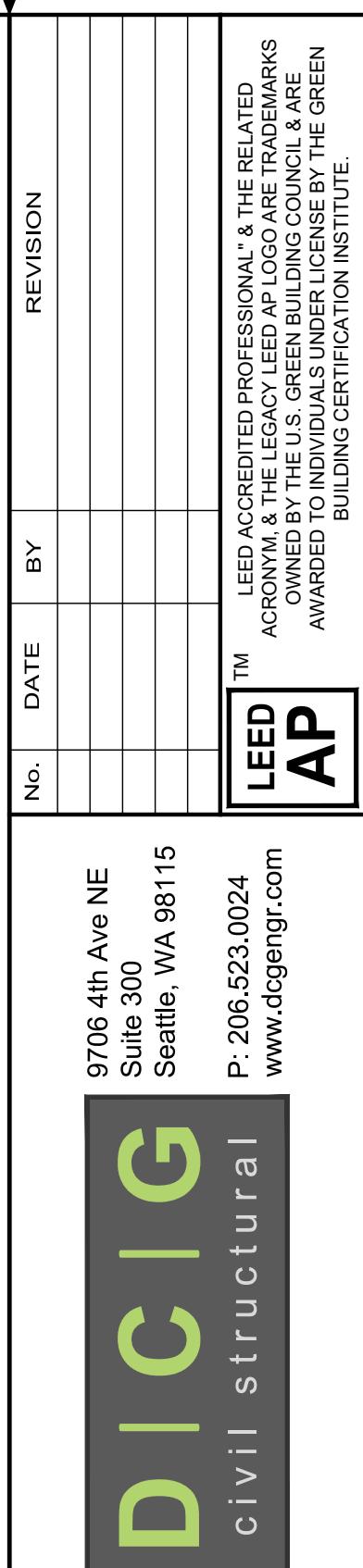
DETAILED PLAN #1

SCALE IN FEET



DETAILED PLAN #2

SCALE IN FEET



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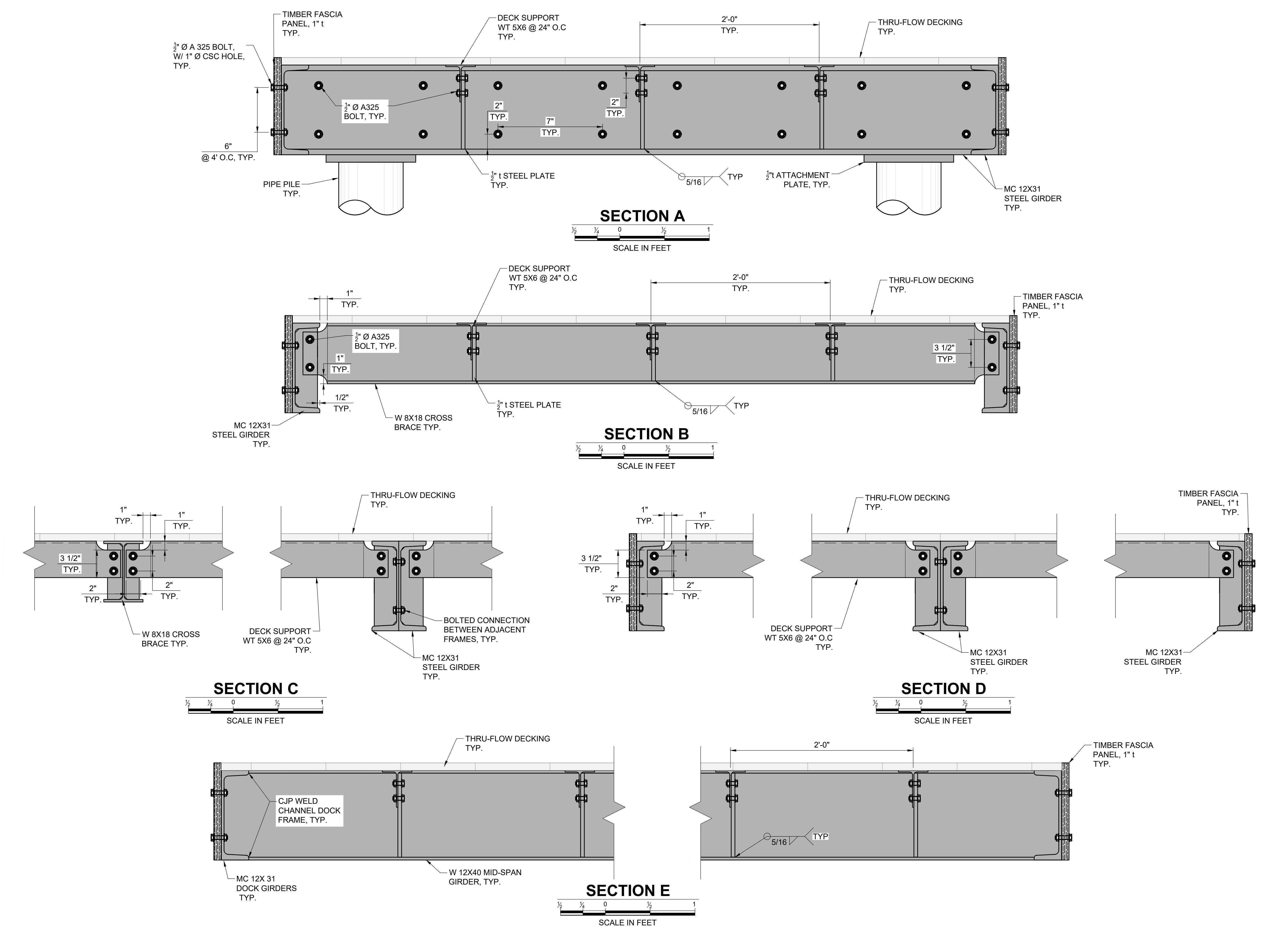


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FOR ACCURACY. CONTRACTOR SHALL
FIELD VERIFY GRADES, UTILITIES, & ALL
OTHER EX FEATURES & CONDITIONS. IF
CONDITIONS ARE NOT AS PROVIDED IN THE
PLANS, CONTRACTOR SHALL NOT CONSTRUCT
AS SHOWN. CONTACT DCG PRIOR TO
CONSTRUCTION.

CITY OF LAKE STEVENS
SUNSET BEACH PARK - DOCK REPLACEMENT
410 E LAKE STEVENS RD, LAKE STEVENS
DOCK DETAILS

PROJ. MANAGER:	EPD
DESIGNED BY:	EPD
DRAWN BY:	EPD
CHECKED BY:	DM
SCALE:	NOTED
DATE:	6/23/2023
REV.:	A
SHEET:	4 OF 8
SHEET NUMBER:	

C1.03



CITY OF LAKE STEVENS
 SUNSET BEACH PARK - DOCK REPLACEMENT
 410 E LAKE STEVENS RD, LAKE STEVENS

DOCK DETAILS

PROJ. MANAGER:	EPD
DESIGNED BY:	EPD
DRAWN BY:	EPD
CHECKED BY:	DM
SCALE:	NOTED
DATE:	6/23/2023
REV.:	A
SHEET:	5 OF 8

SHEET NUMBER

C1.04

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D | C | G
 civil structural

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STATE OF WASHINGTON
 Michael J. Coffett, P.E.
 Steve Stevens, P.E.
 signed
 Date: 6/23/2023
 10:23 AM
 162937
 PROFESSIONAL ENGINEER
 REGISTERED NO. 0212

BASE MAPPING PROVIDED BY
 OTHERS. DOG CANNOT BE HELD LIABLE
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 FIELD VERIFY GRADES, UTILITIES, & ALL
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GENERAL NOTES

- ALL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES.
- THE DESIGN WAS PREPARED WITH THE FOLLOWING DESIGN CODES:
 - A: IBC 2021 INTERNATIONAL BUILDING CODE;
 - B: AISC 360-16 STEEL CONSTRUCTION MANUAL 15TH EDITION;
 - C: ASCE 7-16 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES;
 - D: ASCE 61-14 SEISMIC DESIGN OF PIERS AND WHARVES;
 - E: ASCE DESIGN OF MARINE FACILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THESE DRAWINGS IN ACCORDANCE WITH ALL PROJECT AND PERMIT REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY LOCATIONS OF ALL EXISTING AND PROPOSED CONSTRUCTION. REFER TO CONTRACT DRAWINGS FOR EXISTING AND PROPOSED LOCATIONS. NOTIFY THE OWNER OF ANY DISCREPANCIES OR INTERFERENCES.
- SUBSURFACE CONDITIONS CONSIDERED FOR THE DESIGN HAVE BEEN TAKEN FROM THE BORINGS PROVIDED BY THE 01/2023 GEOTECHNICAL REPORT COMPLETED BY GEOENGINEERS INC.

DESIGN CRITERIA

DEAD LOAD

WEIGHT OF ALL DECK COMPONENTS INCLUDING GRATING

LIVE LOAD

DOCK LL: 60 PSF UNIFORM

WIND LOAD

98 MPH, EXPOSURE D (3 SEC GUSTS)

RISK CATEGORY II

SEISMIC LOAD

SITE CLASS: D

RISK CATEGORY: II

SPECTRAL ACCELERATION: $S_s = 1.097G$

$S_i = 0.389$

$S_{MS} = 1.64$

MATERIALS AND METHODS

CATHODIC PROTECTION

CATHODIC PROTECTION PROVIDED BY GALVANIZATION. AFTER 10 YEARS, OWNER SHALL INSPECT AND PROVIDE ANODES, IF NECESSARY

STEEL PIPE PILES

ALL STEEL PIPE PILES SHALL BE SEAMLESS OR STRAIGHT SEAM PIPE CONFORMING TO ASTM A252, GRADE 3, WITH MINIMUM YIELD STRENGTH OF 50 KSI. CHEMISTRY OF STEEL SHALL HAVE A C.E. LESS THAN 0.45 PER AWS.

STRUCTURAL STEEL

WIDE FLANGE SHAPES SHALL CONFORM TO A992 GRADE 50.

PLATE SHALL CONFORM TO A572 GRADE 50, UNLESS OTHERWISE NOTED.

FLATBAR SHALL CONFORM TO ASTM A36.

RECTANGULAR AND SQUARE HSS SHALL CONFORM TO ASTM A500 GRADE B/C.

PIPE SECTIONS WITH 12-INCHES O.D. OR LESS SHALL CONFORM TO ASTM A53 GRADE B, TYPE E OR S.

ANGLES SHALL CONFORM TO ASTM A36 AT A MINIMUM.

STRUCTURAL STEEL WELDING

ALL SHOP AND FIELD WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICAN SOCIETY FOR WELDING IN BUILDINGS AND CONSTRUCTION AWS D1.1. WELDING ELECTRODES SHALL BE E70XX.

GALVANIZING

ALL STEEL SHALL BE HOT-DIPPED GALVANIZED PER ASTM A123 OR A153 AFTER FABRICATION UNLESS OTHERWISE NOTED.

DECKING

DECKING SHALL CONSIST OF THRU-FLOW DECKING PANELS (1X3' SUPPORTED AT 18" O.C) OR (1X4' SUPPORTED AT 16" O.C).

DECKING SHALL BE ATTACHED PER MANUFACTURER'S RECOMMENDATIONS.

BOLTS AND OTHER HARDWARE

ALL CONNECTING BOLTS FOR STEEL TO STEEL SHALL BE ASTM A325 WITH THREADS EXCLUDED FROM THE SHEAR PLANE. ALL STEEL TO CONCRETE AND ANCHOR BOLTS SHALL BE ASTM F1554, GRADE 105, OR AS SPECIFIED ON THE DRAWINGS. ALL OTHER BOLTS SHALL BE ASTM A307 WITH HEAVY HEX NUTS OR AS OTHERWISE SHOWN ON THE DRAWINGS. ALL BOLTS SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED. FOR BOLTS IN TREATED WOOD, SWAB FIELD-DRILLED BOLT HOLES WITH PRESERVATIVE BEFORE INSTALLING BOLTS.

ALL STAINLESS STEEL BOLTS, SCREWS, NUTS, WASHERS, PIANO HINGE RODS AND MISCELLANEOUS HARDWARE CALLED OUT AS STAINLESS STEEL (S.S.) SHALL BE TYPE 316.

REINFORCING STEEL

REINFORCING STEEL SHALL BE ASTM A615, GRADE 60 DEFORMED BARS, GALVANIZED. REINFORCING STEEL THAT IS TO BE WELDED SHALL BE ASTM A706, GRADE 60 DEFORMED BARS.

PRECAST CONCRETE

- MINIMUM 28 DAY COMPRESSIVE STRENGTH $F'c = 5,000$ PSI
- MAX W/C RATIO = 0.40
- AIR ENTRAINMENT = 4% TO 8%

CONCRETE – CEMENT SHALL CONFORM TO ASTM C150 TYPE II, OR TYPE I OR TYPE III WITH TRI-CALCIUM ALUMINATE CONTENT BELOW 8%. AGGREGATE SHALL CONFORM TO ASTM C33 WITH MAXIMUM SIZE OF 3/4-INCH. CONCRETE SHALL BE STANDARD WEIGHT, PORTLAND CEMENT CONCRETE APPROPRIATELY PROPORTIONED TO MEET OR EXCEED THE FOLLOWING MINIMUM REQUIREMENTS FOR STRENGTH AND SERVICEABILITY.

GROUT

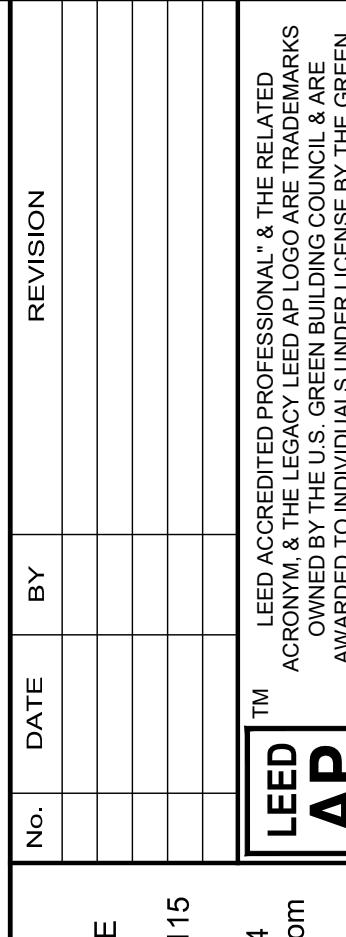
- MINIMUM 28 DAY COMPRESSIVE STRENGTH $F'c = 6,000$ PSI
- INSTALL PER MANUFACTURER'S RECOMMENDATIONS

GROUT SHALL CONSIST OF ONE PART CEMENT TO THREE PARTS PAVING SAND, BY WEIGHT.

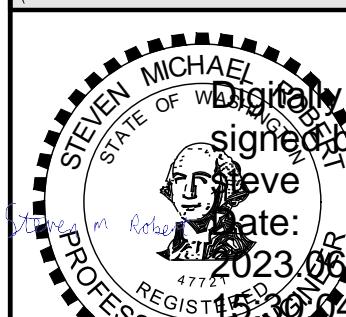
PREFABRICATED COMPONENTS

INSTALL ALL PREFABRICATED COMPONENTS PER MANUFACTURES RECOMMENDATIONS.

INSTALL SWIM LADDER PER MANUFACTURES RECOMMENDATIONS. THE SWIM LADDERS ON EACH SIDE OF THE DOCK SHALL BE 4 STEP LIFT LADDERS FROM INTERNATIONAL DOCK PRODUCTS, INC OR OWNER APPROVED EQUAL.



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SHOWN. CONTACT DCI PRIOR TO
CONSTRUCTION.

CITY OF LAKE STEVENS
SUNSET BEACH PARK - DOCK REPLACEMENT
410 E LAKE STEVENS RD, LAKE STEVENS
GENERAL NOTES

PROJ. MANAGER: EPD
DESIGNED BY: EPD
DRAWN BY: EPD
CHECKED BY: DM
SCALE: NOTED
DATE: 6/23/2023 REV. A SHEET 7 OF 8
SHEET NUMBER

C1.06

STATEMENT OF SPECIAL INSPECTIONS

1. THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR THE INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.

2. SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. APPROVED FABRICATORS MUST SUBMIT A CERTIFICATE OF COMPLIANCE FOR OFFSITE FABRICATIONS SUCH AS STRUCTURAL STEEL, PRECAST CONCRETE, GLUED LAMINATED TIMBER, ETC.

3. ALL INSPECTIONS SHALL BE PERFORMED BY INDEPENDENT SPECIAL INSPECTORS. JOB SITE VISITS BY THE STRUCTURAL ENGINEER OR BUILDING OFFICIAL DO NOT CONSTITUTE AND ARE NOT A SUBSTITUTE FOR INSPECTION BY A SPECIAL INSPECTOR.

4. ALL INSPECTION REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND E.O.R. THE FINAL REPORTS BY THE SPECIAL INSPECTOR(S) MUST CERTIFY THAT THE ENTIRE STRUCTURAL SYSTEM COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS.

5. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT THESE INSPECTIONS ARE PERFORMED.

6. WORK REQUIRING SPECIAL INSPECTION SHALL BE INSPECTED BY THE SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS PERFORMED AND AT THE COMPLETION OF WORK. CONTINUOUS INSPECTION CONSIST OF FULL-TIME INSPECTION; PERIODIC INSPECTION CONSIST OF PART-TIME OR INTERMITTENT INSPECTION.

7. THE FOLLOWING SPECIAL INSPECTIONS ARE IN ADDITION TO THE INSPECTION BY THE BUILDING OFFICIAL. THIS LIST IS NOT INTENDED TO BE ALL INCLUSIVE.

SOILS SUPPORTING FOUNDATIONS

PERIODIC: VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY

PERIODIC: VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL

PERIODIC: PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS

CONT: VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION

PERIODIC: PRIOR TO PLACEMENT OF CONTROLLED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY

STRUCTURAL CONCRETE

PERIODIC: INSP. OF REINFORCING STEEL AND PLACEMENT

CONT: INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE

PERIODIC: VERIFY USE OF REQUIRED DESIGN MIX

CONT: SAMPLING FRESH CONCRETE & PERFORMING SLUMP AND AIR CONTENT TEST & DETERMINING THE TEMPERATURE OF FRESH CONCRETE AT THE TIME OF MAKING SPECIMENS FOR STRENGTH TEST

CONT: INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPL. TECHNIQUES

PERIODIC: INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUE

PERIODIC: VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS

PERIODIC: INSPECT FORMWORK FOR SHAPE, LOCATION

AND DIM. OF THE CONCRETE MEMBER BEING FORMED

PERIODIC: POST-INSTALLED AND ADHESIVE ANCHORS

STRUCTURAL STEEL

PERIODIC: HIGH-STRENGTH BOLTS, NUTS AND WASHERS IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS, MANUFACTURE'S CERTIFICATE OF COMPLIANCE REQUIRED

PERIODIC: INSPECTION OF HIGH-STRENGTH BOLTING BEARING-TYPE CONNECTIONS

PERIODIC: STRUCTURE STEEL MANUFACTURER'S CERTIFIED MILL TEST REPORTS REQUIRED

PERIODIC: INSPECTION OF STEEL FRAME BRACING & STIFFENER DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS

PERIODIC: APPLICATIONS OF JOINT DETAILS AT EACH CON.

WELDING

CONT: COMPLETE AND PARTIAL PENETRATION GROOVE WELDS

CONT: FILLET WELDS > 5/16" AND MULTIPASS FILLET WELDS

PERIODIC: FILLET WELDS < 5/16"

PERIODIC: METAL DECK WELDS

PERIODIC: LIGHT GAUGE METAL WELDS

PERIODIC: WELD FILLER MATERIAL IDENTIFICATION MARKINGS TO CONFORM TO AWS STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS, MANUFACTURE'S CERTIFICATION OF COMPLIANCE REQ.

CONT: WELDING OF REINFORCEMENT STEEL RESISTING SEISMIC FORCES, INDICATED ON PLANS AND DETAILS AS LRFS ELEMENTS AND CONNECTIONS

PERIODIC: VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706

CONT: WELDING OF STIRRUPS, HOOPS OR TIERS

PERIODIC: ALL OTHER REINFORCEMENT WELDS, U.N.O.

STRUCTURAL OBSERVATIONS

1. VISUAL OBSERVATION WILL BE PERFORMED AT THE DISCRETION OF THE OWNER, ARCHITECT, E.O.R. AND AS REQUIRED BY THE BUILDING OFFICIAL IN ACCORDANCE WITH THE BUILDING CODE. VISUAL OBSERVATION SHALL NOT BE CONSIDERED AS A SUBSTITUTE FOR THE SPECIAL INSPECTION REQUIREMENTS.

2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY THE E.O.R. AS TO WHEN EACH MAJOR PHASE OF CONSTRUCTION IS READY FOR OBSERVATION A MINIMUM OF FIVE(5) WORKING DAYS IN ADVANCE.

3. THE FOLLOWING MAJOR PHASES OF CONSTRUCTION REQUIRE A SITE VISIT AND STRUCTURAL OBSERVATION REPORT FROM THE S.E.O.R.:

- FOUNDATION REBAR AND ANCHORS - PRIOR TO POUR OF CONCRETE
- STRUCTURAL FRAMING - AFTER ERECTION AND PRIOR TO CLOSING IN
- RAISED FLOOR SLABS AND REBAR - PRIOR TO POUR OF CONCRETE
- ROOF NAILING - PRIOR TO INSTALLATION OF ROOFING AND CRICKETS
- COMPLETION OF STRUCTURAL SYSTEMS(S)

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT NAILING, REINFORCEMENT, WELDS, CONNECTIONS, ETC. ARE VISIBLE FOR OBSERVATION WHEN THE S.E.O.R. IS ON SITE AND FOR ANY SCHEDULING DELAYS DUE TO NONCOMPLIANT ITEMS FOUND DURING OBSERVATION.

5. AT THE CONCLUSION OF WORK INCLUDED IN THE PERMIT, THE STRUCTURAL OBSERVER SHALL SUBMIT TO THE BUILDING OFFICIAL A WRITTEN STATEMENT THAT THE SITE VISITS HAVE MADE AND IDENTIFY ANY REPORTED DEFICIENCIES THAT, IN THE BEST OF THE STRUCTURAL OBSERVERS' KNOWLEDGE, HAVE NOT BEEN RESOLVED

STRUCTURAL SUBMITTALS

1. REVIEW OF SHOP DRAWINGS AND SUBMITTALS BY THE E.O.R. FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

2. SHOP DRAWINGS SHALL BE SUBMITTED TO THE E.O.R. FOR REVIEW PRIOR TO FABRICATION. THE CONTRACTOR WILL REMAIN RESPONSIBLE FOR ALL ERRORS OF DETAILING, FABRICATION, AND FOR CORRECT FITTING OF ALL STRUCTURAL MEMBERS INCLUDING COORDINATION WITH OTHER TRADES.

A. SHOP DRAWINGS SHALL BE SUBMITTED A MINIMUM OF 2 WEEK PRIOR TO SCHEDULED FABRICATION AND SHALL CONSIST OF ONLY ONE SET FOR OUR RECORDS AND ONE REPRODUCIBLE SET, ONE ELECTRONIC SET IS ACCEPTABLE.

B. E.O.R. WILL RETURN THE REPRODUCIBLE OR ELECTRONIC SET CLEARLY MARKED WITH COMMENTS. ANY REQUIRED RECORD SET COPIES SHALL BE MADE FROM THIS RETURNED SET.

C. REPRODUCTION OF STRUCTURAL PLANS & DETAILS FOR SHOP DRAWINGS IS PROHIBITED. SUBCONTRACTOR/FABRICATOR IS TO PROVIDE INDEPENDENTLY CREATED DRAWINGS BASED ON THE STRUCTURAL PLANS DETAIL

3. THE FOLLOWING LIST SUMMARIZES IMPORTANT STRUCTURAL SUBMITTALS FOR THIS PROJECT. REFER TO THE SPECIFICATIONS FOR A COMPLETE LIST OF ADDITIONAL REQUIREMENTS

GENERAL

REQD: QUALIFICATION DATA FOR APPROVED INSTALLERS AND FABRICATORS

REQD: CERTIFICATES OF CONFORMANCE FOR PREFABRICATED MEMBERS

REQD: PROVIDE PRODUCT DATA FOR ALL MANUFACTURED STRUCTURAL PRODUCTS AND ACCESSORIES USED

CONCRETE FORMWORK

REQD: MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS FOR PROPRIETARY MATERIALS INCLUDING FORM COATINGS, MANUFACTURED FORM SYSTEMS, TIES AND ACCESSORIES

REQD: SHOP DRAWINGS FOR FABRICATION AND ERECTION OF FORMWORK AND SHORING

CONCRETE REINFORCEMENT

REQD: MANUFACTURER'S PRODUCT DATA, SPECIFICATIONS AND INSTALLATION PROCEDURES FOR PROPRIETARY MATERIALS AND REINFORCEMENT

REQD: STEEL PRODUCERS CERTIFICATES OF MILL ANALYSIS, TENSILE AND BEND TEST

REQD: SHOP DRAWINGS FOR FABRICATION, BENDING AND PLACEMENT

CAST-IN-PLACE CONCRETE

REQD: DESIGN MIX FOR EACH CONCRETE MIX

REQD: MATERIAL TEST REPORTS

REQD: MATERIAL CERTIFICATES FOR CEMENT, AGGREGATES AND ADMIXTURES

REQD: MANUFACTURER'S PRODUCT DATA FOR WATERSTOPS, BONDING AGENTS, VAPOR RETARDERS, JOINT FILLER, CURING MATERIALS AND FLOOR TREATMENTS

REQD: SHOP DRAWINGS FOR PROPOSED LOCATIONS OF ADDITIONAL CONSTRUCTION OR CONTROL JOINTS NOT SHOWN ON THE STRUCTURAL PLANS

REQD: MINUTES FROM PREINSTALLATION CONFERENCE

STRUCTURAL STEEL

REQD: MANUFACTURER'S MILL CERTIFICATES

REQD: MILL TEST REPORTS

REQD: SHOP DRAWINGS FOR FABRICATION AND ASSEMBLY OF MEMBERS

REQD: ERECTION PLAN SEQUENCE AND PROCEDURES

REQD: WELDING PROCEDURE SPECIFICATIONS (WPS)

REQD: CERTIFICATES FOR ALL WELDERS VERIFYING CURRENT AWS QUALIFICATIONS

REQD: TEST REPORTS FOR SHOP AND FIELD WELDED AND BOLTED CONNECTIONS

STEEL DECK

REQD: SHOP DRAWINGS INDICATING LAYOUT AND DETAILS

COLD-FORMED METAL FRAMING

REQD: SHOP DRAWINGS INDICATING LAYOUT AND DETAILS

REQD: ENGINEERING CALCULATIONS

ROUGH CARPENTRY

REQD: PRODUCT DATA FOR TREATMENTS AND PRESERVATIVES

REQD: MATERIAL CERTIFICATES FOR DIMENSION LUMBER

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STEVEN MICHAEL DOWNEY
STATE OF WASHINGTON
SIGNED: Steve
Date: 15-04-2023
PROFESSIONAL DRAFTSMAN
REGISTRATION NO. 4772
BASE MAP/TOPOGRAPHY PROVIDED BY
OTHERS. DOG CANNOT BE HELD LIABLE
FOR ACCURACY. CONTRACTOR SHALL
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PROJ. MANAGER: EPD
DESIGNED BY: EPD
DRAWN BY: EPD
CHECKED BY: DM
SCALE: NOTED
DATE: 6/23/2023 REV. SHEET
8 OF 8
A
SHEET NUMBER