### **CALIFORNIA COASTAL COMMISSION**

South Coast Area Office 200 Oceangate, Suite 1000 Long Beach, CA 90802-4302 (562) 590-5071



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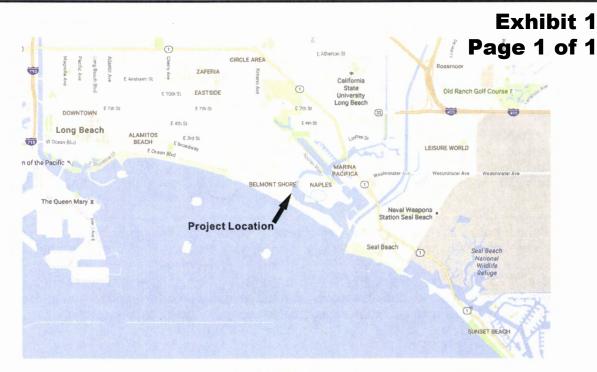
# 5-17-0300 (CITY OF LONG BEACH) AUGUST 11, 2017 EXHIBITS

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**Vicinity Map** 



Site Map



Tetra Tech, Inc.
ENGINEERS ARCHITECTS SCIENTISTS

249 East Ocean Blvd., Suite 325 Long Beach, California 90802 Ph. (562) 495-0495 fax (562) 495-5029

Vicinity and Site Map

**Project Location** 5415 E. Ocean Blvd. Long Beach, California FIGURE 1

May 2017

xx-xx

### **Exhibit 2**

GENERAL NOTES

2. CONTRACTOR SHALL STRICTLY EMPORES ALL APPLICABLE SAFETY LAWS ITE OSHA CALOSHA) AND MANTANI RITE SAFETY. THE CONTRACTOR SKALL PROVIDE MARRICADES, WARNING LIGHTS, AND SIMILAR SAFETY MEASURES TO PROTECT PUBLIC SAFETY DURING CONSTRUCTION.

3. COMES OF ALL PERMITS ARE AVAILABLE FROM THE DTY AND SHOULD BE AVALABLE FOR REFERENCE ON CHARGE ALL THRES CONTRACTOR IS RESPONSIBLE FOR ADHERENCE TO ALL PERMIT CONDITIONS.

A CONTRACTOR SHALL SUBMIT FOR APPROVAL PLANS FOR TEMPORARY FENCING AS REQUIRED.

5. CONTRACTOR SHALL SHAMINE THE LOSSITE BEFORE REFERRING SHOP DRAWNOS TO VERIFY ALL PHYSICAL CONDITIONS, SURROLANDINGS DIMENSIONS AND DISTANCES.

PHYSICAL COMUTIONS ISURADIONINGS DIMENSIONS AND DISTANCES

THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND PROTECT FORM DAMAGE ALL UNDERGROUND

THE CONTRACTOR SHALL BE RESPONSIBLE FOR JAW AND ALL DAMAGES TO EXISTING

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THE CONTRACTOR SHALL KEEP DEBRIS, CONFRETE RIBBLE AND OTHER MATERIALS FROM FALLING DING THE WARTER AND CORRESTRACTION MATERIALS. BOOMBAST, DEBRIS, OR WASTE SHALL BE PLACED ON STORED WHERE IT MAY BE SLIBELT TO WAKE, WIND, OR RAIN ERCOVERED MAY DISPERSION, MONABLOWANT DEBRIS, DOCKMARGED WIND COANTAL WARTERS SHALL BE RECOVERED BY OVERS AS SOON AS POSSBILE AFTER LOSS BUT NO LATER THAN THE END OF EACH DAY.

CONTRACTOR SHALL PROVIDE A CONTAINMENT BOOM AND A SILT CURTAIN TO SURROUND ALL WATERSIDE CONSTRUCTION ACTIVITIES AT ALL TIMES DURING WATERSIDE CONSTRUCTION

IN THE CONTRACTOR ASSUMES SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONTROLOGS AT IN THE CONTROLOGY SALE PROVIDE ADEQUATE LIABLITY INSURANCE, TO GOTERO HOREMONY AND HOLD HARMLESS COLE FROM ANY CLAIMS AND DAMAGES THAT MAY ARISE FROM THIS CONSTRUCTION. STAGING AREA SHALL BE CLEARED OF DEBRIS AND EQUIPMENT UPON COMPLETION OF PROJECT THE CONTRACTOR SHALL REMOVE AND DISPOSE, USING AN APPROVED LEGAL METHOD, ALL SURPLUS MATERIALS, AND DEBRIS FROM THE SITE THE SURPLUS MATERIALS, BLOCK TO THE CONTRACTOR THE CONTRACTOR SHALL MAINTAIN THE SITE IN A NEXT AND ORDERLY CONDITION AT ALL TIMES.

THE COMPACTOR IS RESPONSIBLE FOR APPRIANDING ALL REQUIRED INSPECTIONS. THE PRESENCE OR ASSENCE OF ACITY OR OTHER INSPECTOR WILL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE PROPER PERFORMANCE OF WORK

REFURNISH AND INSTALL ALL MATERIALS UNLESS OTHERWISE NOTED. REMOVE ALL CONSTRUCTION MATERIALS FROM SITE WITHIN 10 DAYS OF PROJECT COMPLETION. OUE TO THE SCALE OF THE DRAWNASS IT IS VICE POSSIBLE TO INDICATE ALL DESSETS FITTINGS. SLEEVES, ETC. THE COMPRACTOR SHALL, INVESTIGATE THE MEMBER DONDITIONS AND TANK NOTHING THE PRINCE PROPERTY OF THE PRINCE AND TANK OF THE PRINCE PROPERTY OF THE PRINCE AND THE PRINCE AND THE PRINCE PROPERTY OF THE PROPERTY OF THE PRINCE PROPERTY OF THE PROPERTY OF THE PRINCE PROPERTY OF THE PRINCE PROPERTY OF THE PROPERTY OF

ANY CONFLICTS WITH THE DESIGN OR ANY CHANGES TO THE PLANS SHALL BE AUTHORIZED BY THE ENGINEER BEFORE CONTINUING WITH WORK IN THAT AREA MACHINERY OR CONSTRUCTION MATERIALS NOT ESSENTIAL FOR PROJECT IMPROVEMENTS SHALL NOT BE ALLOWED IN THE INTERTIDAL ZONE AT ANY TIME.

ANY OFF-SITE IMPROVEMENTS FOUND TO BE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER.

SHOP DRAWNOS MUST BE REVIEWED AND APPROVED BY THE BUILDING DEPARTMENT PRIOR TO FABRICATION CONTRACTOR SHALL OBTAIN THIS APPROVAL.

SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY THE ENGINEER OF RECORD PRIOR TO SUBMITTAL TO THE BUILDING DEPARTMENT.

A.C.O.

ALKALINE COPPER QUATERNARY

## SPECIAL INSPECTIONS

CONTRACTOR SHALL NOTIFY THE CITY PRIOR TO COMPLETION OF INSTALLATION OF THESE ITEMS TO PERMIT EXECUTION OF THE REQUIRED "SPECIAL INSPECTIONS."

A. EPOXY ANCHORS

# THE CONTRACTOR SHALL FURNISH ALL TOOLS, EQUIPMENT, MATERIALS, AND SUPPLIES AND SHALL PERFORM ALL LABOR, SUPERVISION, FABRICATION, ASSEMBLY, AND INSTALLATION HEREIN

EXISTING CONSTRUCTION

THE EXISTING CONSTRUCTION INDICATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES DURING CONSTRUCTION.

LANG SUPPERING MACHAERITS SHOWN ON THE PAIN SET ANDER FOUND WITHIN THE LINES OF DEMOLTROMOCONSTRUCTION MASS RE LOCATED, DESCRIBED MAY A RECORD PLED WITH THE COUNTY SUPPERING A COPY OF DOCUMENTS SUBMITED MILL RE PROVIDED TO THE CITY OF LOVE BENEFICED. A COPY OF DOCUMENTS SUBMITED WILL REPROVIDED TO THE CITY OF LOVE BENEFICED WITH SUPPERING TO CONSTRUCTION, EACH MOUNTENT SOON AND DEPOLIC MACH SO THE REPLACED IN KND OR WITH SUITABLE TAGGED DURABLE MONUMENT CA. BIG. 8 FROM COORS SEC. SITY, 6 8772,

WHERE POSSBIE. THE SUNCY MOUNTERING AND BECHMANS DESCRIBED HERGIN WILL DE PROFIZION ON CONSTRUCTOR. WHICH WILL DE PROFIZION DE SENCHMANS WHICH WILL DE LOTSURED DI CONSTRUCTED ON MODIFIED SHALL BE LOCATED AND REFERENCED, BY OR WHERE THE DISTURED AND REPORT OF THE PROFIZION OF SURVEY. TO BE AUDITION WITH A CORNER RECORD OF WERTICAL CORNER RECORD OF THE RECORD OF THE MICHAELS OF THE CONTROL OF THE PROFIZION OF THE PROFIZE OF THE PROFIZION OF THE PROFIZE OF THE PROFIZ

OPPOR COMPLETION OF THE IMPROVEMENTS, THE MONAUMENTS WHICH WERE DESTROYED, DANGED COVERD ON MOTE TO STROYED THE MERCON OF THE TRANSIC STROYED AND A COMPRETED TO THE FLOW OF THE COMPLET STROYED AND A COMPLETION OF THE COMPLETION OF SURVEYS SHALL BE FLED WITH THE COMPT SURVEYS AND A COMP PROVIDED TO THE LONG MEACH OFFT SURVEYS FOR REVENUE AND DECENSOR.

## ACCESSIBILITY

- AN ACCESSIBLE ROUTE OF TRAVEL COMPLYING WITH SECTION 118-26 SHALL BE PROVIDED SHOW ACCESSIBLE ROUTE OF TRAVEL BY USE OF AN ARROW FROM PUBLIC WAY! ACCESSIBLE PARKING STALES TO BUILDING.
- IN EXISTING BUILDINGS AND FACILITIES, THE PATH OF TRAVEL (PAMPS STAIRS, GATES, DOORS, ETC.). PRIMARY ENTRANCE, SANTARY FACILITIES, DEMUNING FOUNTAINS, SIONS, PUBILC TELEPHONES, AND PARKING SERVING THE AREA OF ALTERATION, STRUCTURAL REPARS OR ADDITIONS, MUST COMPLY WITH SECTION 118-202
- THE MAXIMUM SLOPE OF A RAMP SHALL BE ONE UNIT VERTICAL IN 12 UNITS HORIZONTAL (8.33 PERCENT SLOPE) THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP PER SECTION 118-405

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FASTENERS

ALL FASTEN

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- THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2,08 PERCENT SLOPE) PER SECTION 118-405.3
- INTERMEDIATE LANDINGS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30 INCHES OF VERTICAL RISE. SECTIONS 118-405.6 AND 118-405.7
- TOP LANDINGS SHALL DEROTI LESS THAN 80 INCHES THAN 51 AND SHALL PLAYER ALEXSTH OF HOT LESS THAN 51 INCHES IN THE DEROTION OF RAMP RIAL. NETWORKS AT THE BUTTOM OF RAMPS SHALL HAVES A DIMENSION IN THE DIRECTION OF RAMP RIAL OF NOT LESS THAN 72 INCHES SECTIONS 118-495.72 AND 118-405.72
- ALL RAMP LANDINGS SHALL BE LEVEL WITH MAXIMUM SLOPE IN ANY DIRECTION NOT TO EXCEED ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2.08 PERCENT SLOPE). SECTION 11B-405 7 1

## ABBREVIATIONS

S.S. 316	C.O.V.	PREFAB.	<b>%</b>	GALV	H.D.G	묶	PŢ	9.0	ŝ	Ē	סזר	SHT	MLLW	N.T.S	ő
STAINLESS STEEL 316	UNLESS OTHERWISE NOTED	PREFABRICATED	HTIM	GALVANIZED	HOT DIPPED GALVANIZED	DOUGLAS FIR	PRESSURE TREATED	PROTECT IN PLACE	NEW	EXISTING	DETAIL	SHEET	MEAN LOWER LOW WATER	NOT TO SCALE	NUMBER

### STEEL

ALL STEEL CONNECTIONS, FABRICATIONS, SHAPES, BOLTS, AND WASHERS SHALL BE HOT DIPPED GALVANIZED.

ALL BOLTS SHALL HAVE A STANDARD FLAT WASHER AT EACH END OF BOLT AT WOOD CONNECTIONS UNLESS OTHERWISE NOTED ALL SHARP EDGES WILL BE GRINDED PRIOR TO HOT DIP GALVANIZING

## MATERIALS

STRUCTURAL STEEL

STEEL SHAPES: ASTM AS92
 PLATES AND BARS: ASTM A36
 MACHINE BOLTS: ASTM A307
 THREADED ROD ASTM A36
 STAINLESS STEEL: ALLOY 316/316L

## CONCRETE

CEMENT TYPE IIV

AR CONTENT 2 TO 4 EBCCENT

CAST IN PLACE CONCERTE: 5,000 PSI MIN @ 26 DAYS

MANNUN WATERCEMENT FANTO : 0.4

ALL CONCERTE SHALL HOVE I GALF CUBIC YARD MINIMUM OF

COL CORROSION INHIBITION

## TIMBER (U.O.N.)

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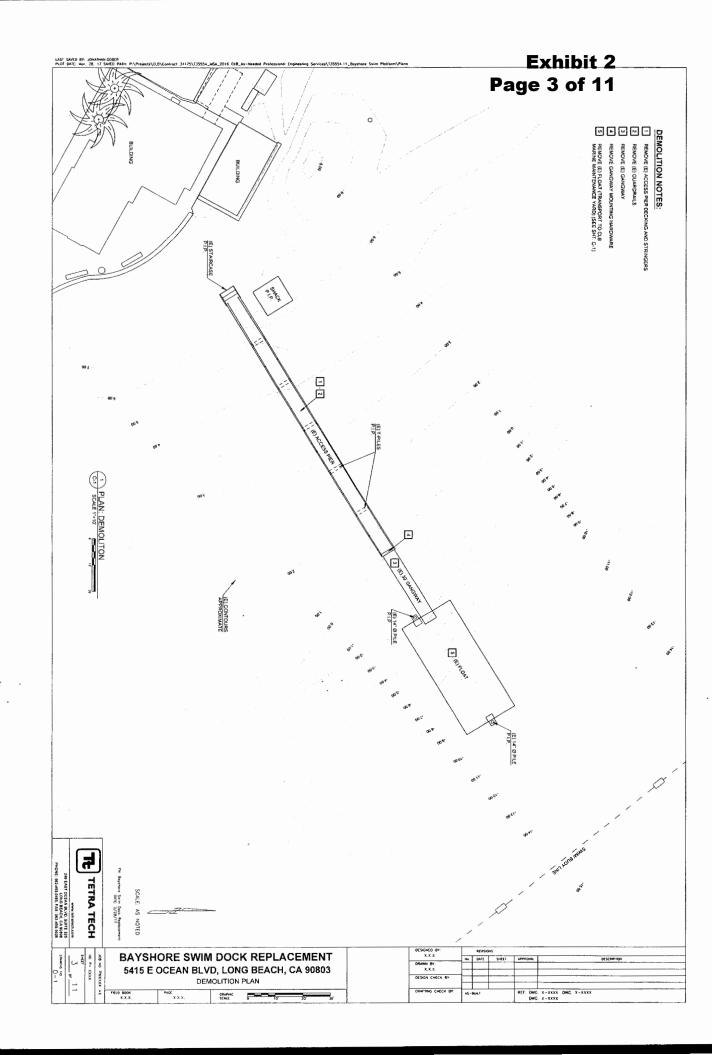
DOUGLAS FIR - STRUCTURAL SELECT ALKALINE COPPER QUATERNARY PRESSURE TREATED

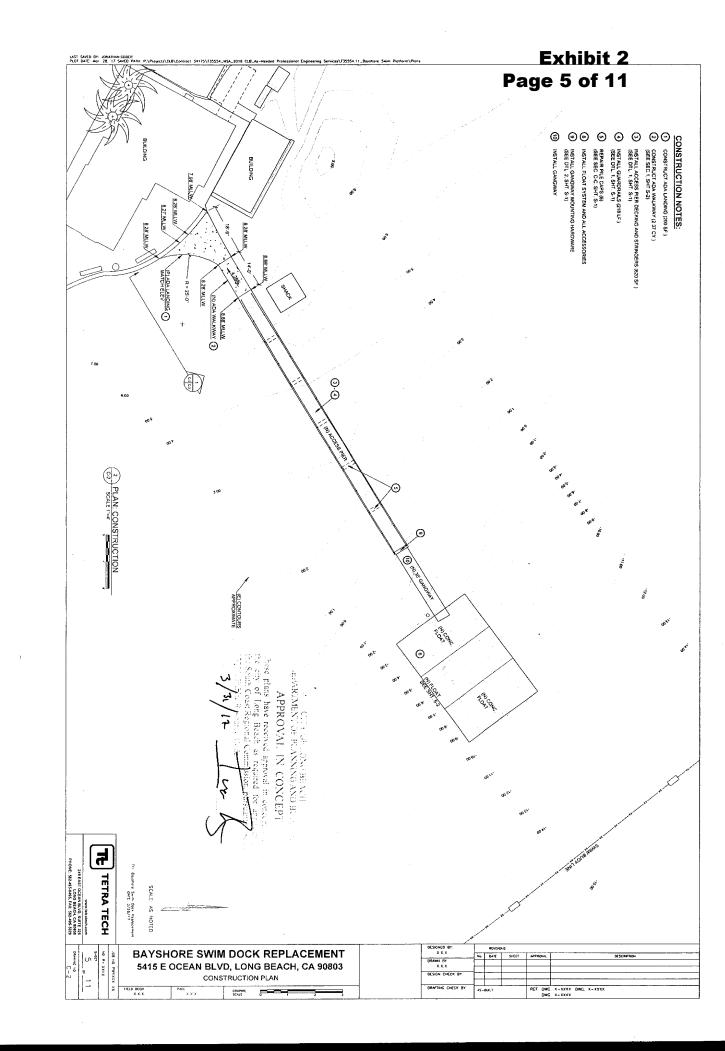
DECKING DOUGLAS FIR - STRUCTURAL SELECT ALKALINE COPPER QUATERNARY (A.C.O.) PRESSURE TREATED, NON-INCISED

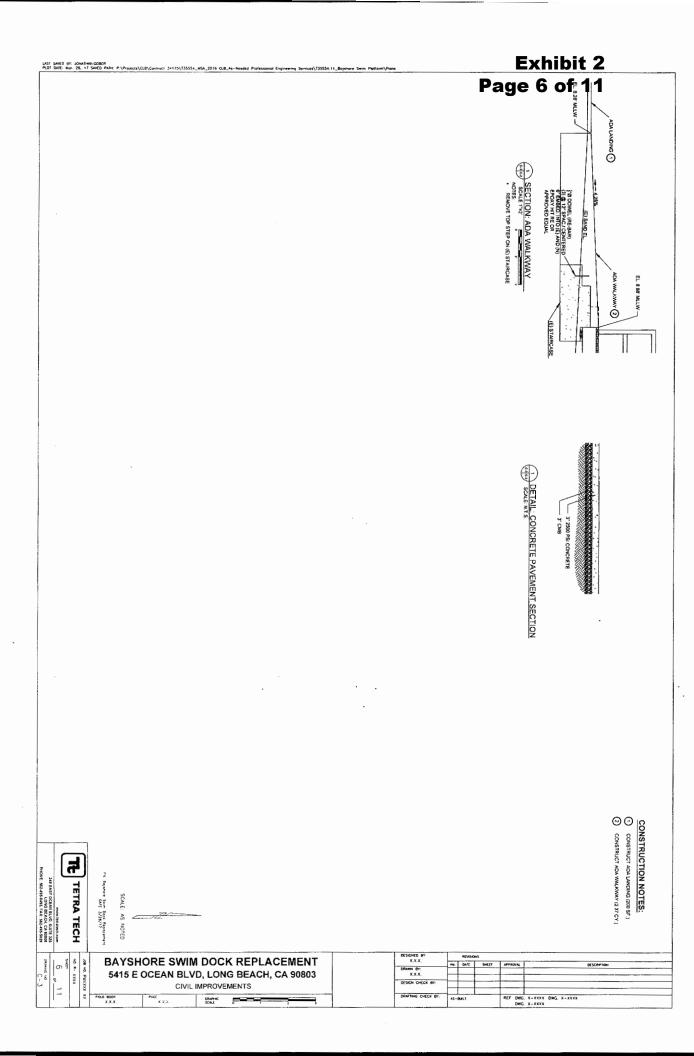
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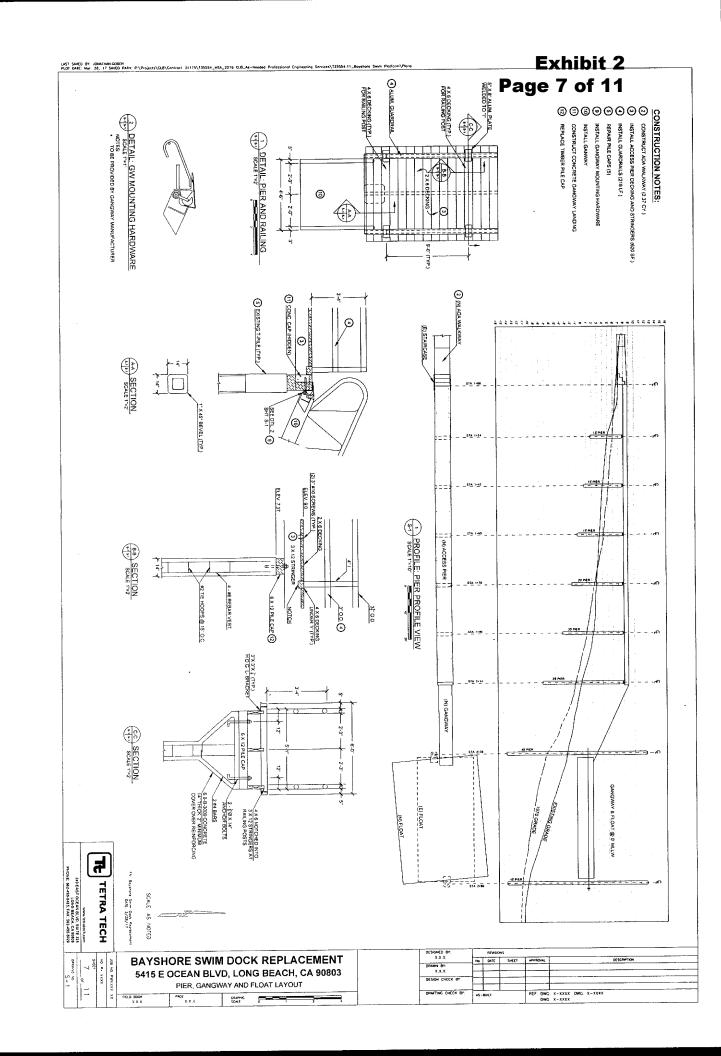
249 EAST OCEAN BLVD, SUITE 325 LONG BEACH, CA 98498 PHONE: 562-495-0495, FAX: 582-495-5029	www.tetratech.com	TETRA TECH		Fig. Boyshore Swim Dack Replacement DATE: 3/28/17	SCALE: AS NOTED		- Singa	-				
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DESIGNED E X.X.X. DRAWN BY: X,X,X



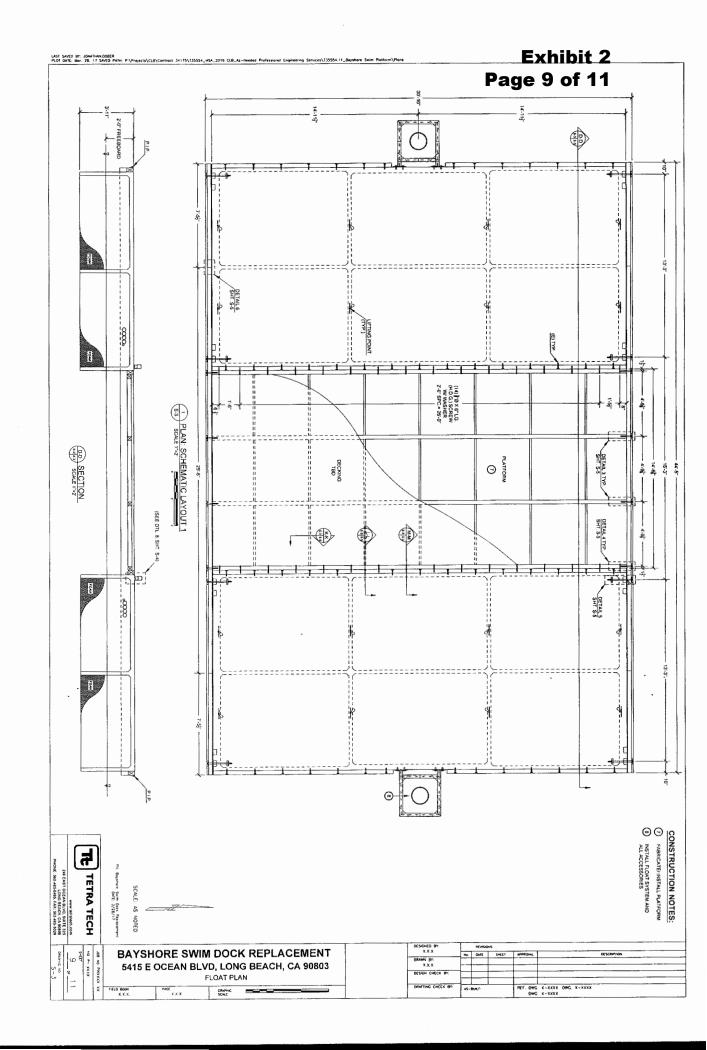


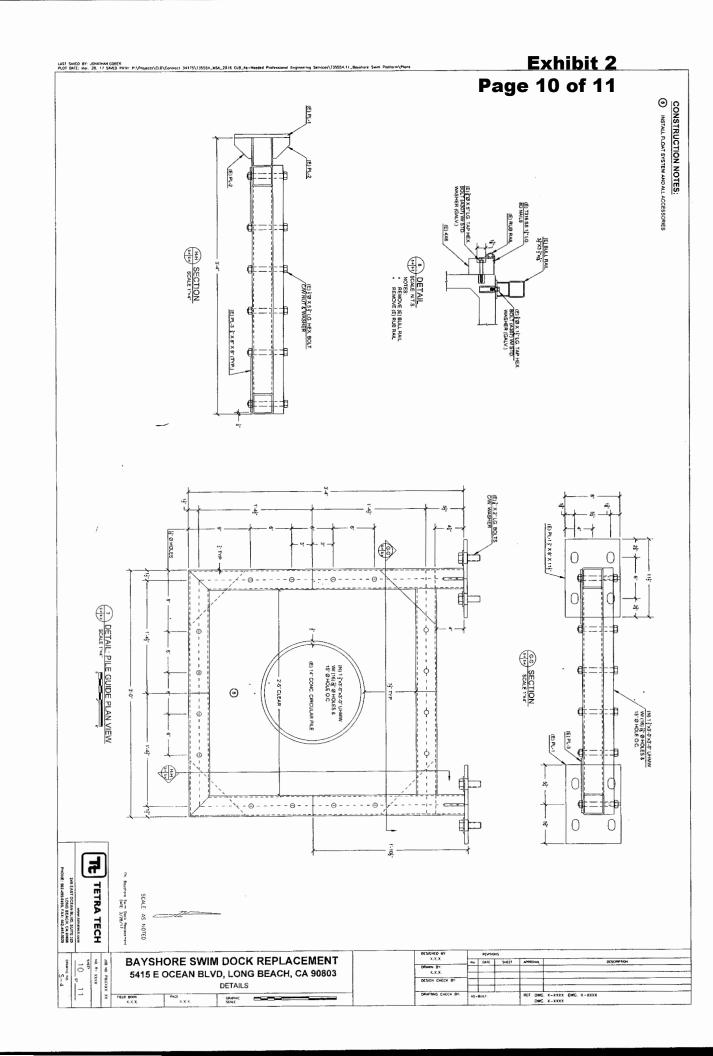


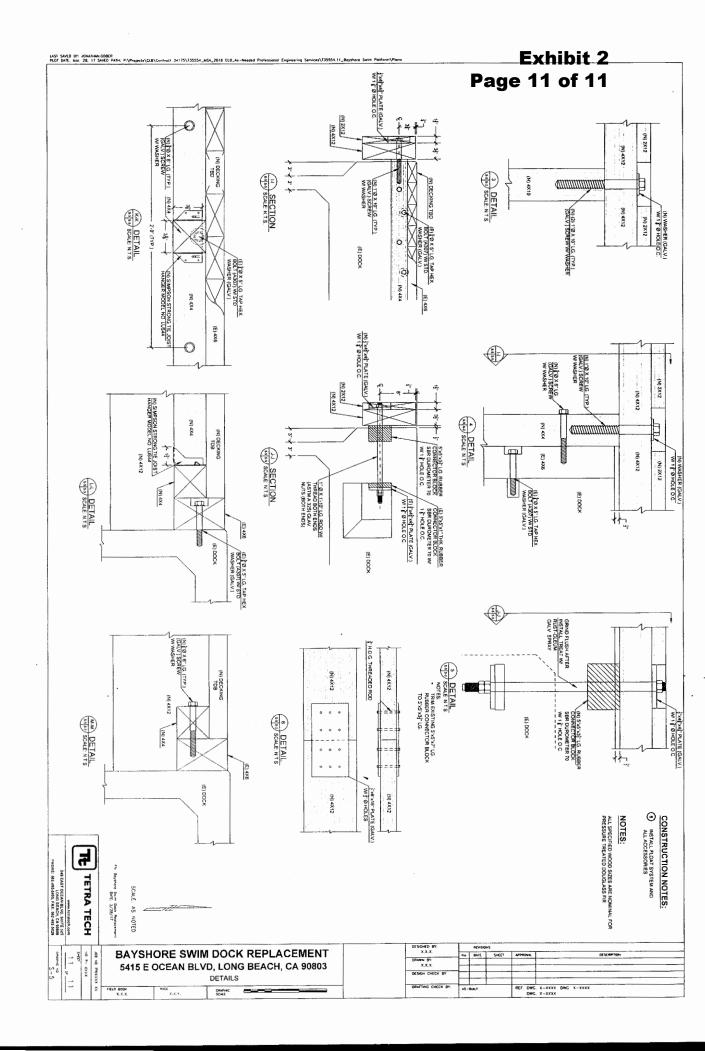


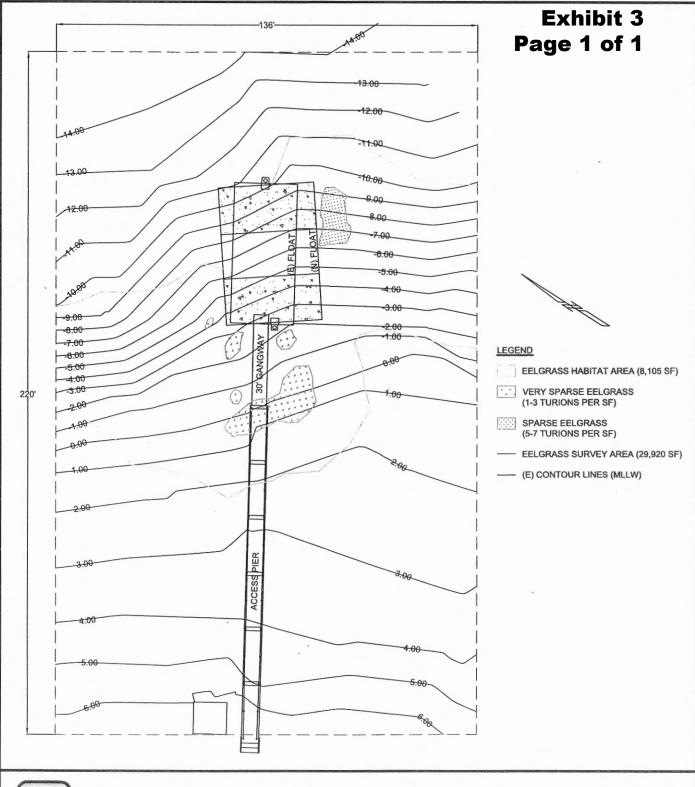
**Exhibit 2 Page 8 of 11** CONSTRUCTION NOTES:

(3) INSTALL ACCESS PIER DECINIG AND STRINGERS (420 SF)
(4) INSTALL GLARDFAILS (215 LF)
(5) REPAIR PILE CAPS (6)
(9) INSTALL GLAROWAY MOUNTING HARDWARE
(10) INSTALL GLARWAY VERIFY ACCESS PIER CONNECTIONS TETRA TECH Boyshore Swim Dock Replacement DATE: 3/28/17 BAYSHORE SWIM DOCK REPLACEMENT 5415 E OCEAN BLVD, LONG BEACH, CA 90803 DETAILS











**Pre-Construction Eelgrass Results** 

FIGURE 2

Tetra Tech, Inc.
ENGINEERS ARCHITECTS SCIENTISTS

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Long Beach, California 90802 Ph. (562) 495-0495 fax (562) 495-5029 Bayshore Swim Dock Replacement 5415 E. Ocean Blvd. Long Beach, California

May 2017