

## **CALIFORNIA COASTAL COMMISSION**

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



# **F6c**

**5-17-0300 (CITY OF LONG BEACH)**

**AUGUST 11, 2017**

### **EXHIBITS**

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**Exhibit 1 – Vicinity/Site Map**

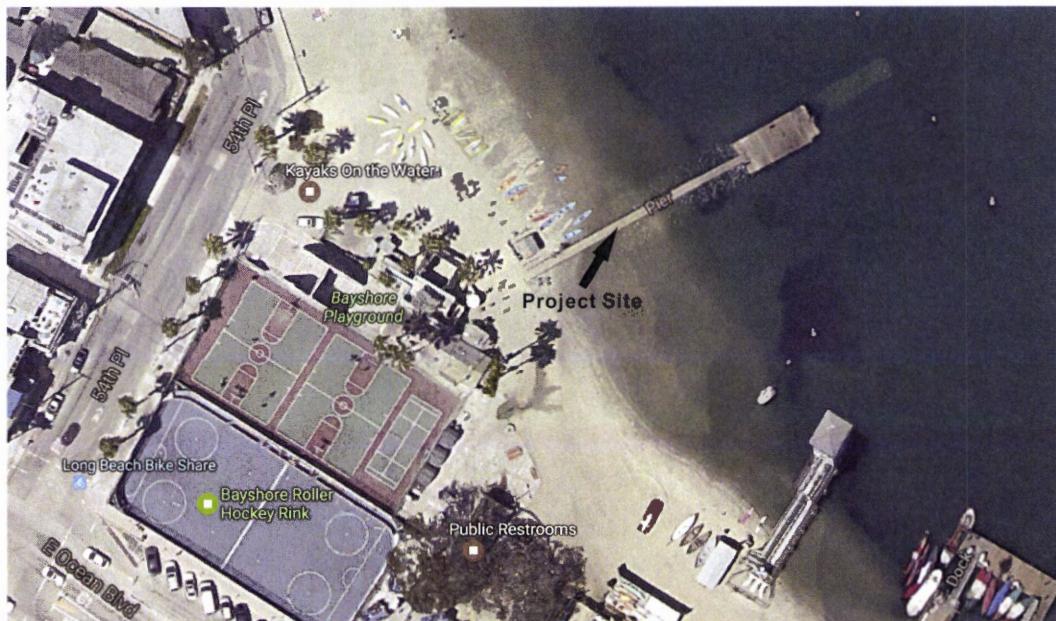
**Exhibit 2 – Dock Plans**

**Exhibit 3 – Pre-Construction Eelgrass Survey Results**

# Exhibit 1 Page 1 of 1



**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**



### GENERAL NOTES

- [illegible]

**EXISTING CONSTRUCTION**

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

## SURVEY

LAND SURVEYING MONUMENTS SHOWN ON THE PLAN SET AND/OR FILED WITHIN THE LIMITS OF DEMOLITION/CONSTRUCTION MUST BE LOCATED, DESCRIBED AND A RECORD FILED WITH THE COUNTY SURVEYOR. A COPY OF DOCUMENTS SUBMITTED WILL BE PROVIDED TO THE CITY OF LONG BEACH. ATTENTION TO THE CITY SURVEYOR UPON COMPLETION OF CONSTRUCTION. EACH MONUMENT SHOWN AND/OR FOUND MUST BE REPLACED IN KIND OR WITH SUITABLE, TAOGED, DURABLE MONUMENT (CA STATE AND PROF. CODE SEC. 8171 & 8172).

**STEEL**  
ALL STEEL  
WASHERS  
ALL SHARP  
ALL BOLT  
BOLT AT V  
**MATEI**  
A. STR

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

ALL SHARP EDGES WILL BE GRINDED PRIOR TO HOT DIP GALVANIZING

## MATERIALS

- A. STRUCTURAL STEEL
  - STEEL SHAPES, ASTM A992
  - PLATES AND BARS ASTM A572
  - HEAVY WALLS ASTM A572
  - REINFORCING BARS ASTM A615
  - STAINLESS STEEL, ALLOY 316/18L
- B. CONCRETE
  - CEMENT, TYPE I/II
  - AGGREGMENT 3/4" PERCENT
  - AIR CONTENT 5.0 TO 6.0 PERCENT
  - MAXIMUM WATER/CEMENT RATIO = 0.4
  - ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH MINIMUM OF 4000 PSI
  - DO COMPOUND SHALL HAVE 1" MAX CURB VARD MINIMUM OF 12" MIN
- C. TIMBER (D.U.)
  - DOUGLAS FIR - STRUCTURAL, SELECT ALMAINE COPPER
  - OAKTIMBER, PRESSURE TREATED
- D. DECORING
  - DOUGLAS FIR - STRUCTURAL, SELECT ALMAINE COPPER
  - QUARTZITE, C.A.C. PRESSURE TREATED, NON-KINDLED
- E. FASTENERS
  - ALL FASTENERS SHALL BE S S 316/18L

## ABBREVIATIONS

- 1 ACCESSIBLE ROOF OF MAJOR CORRIDORS WITH SECTION 11B-06 SHALL BE PROVIDED SUCH AS BY MEANS OF A WALKWAY FROM PUBLIC AREA ACCESSIBLE PARKING STALLS TO BUILDING
- 2 IN EXISTING BUILDINGS AND FACILITIES, THE PATHS OF TRAVEL, RAMPS, STAIRS, ETC., MUST BE KEPT OPEN AND UNOBSTRUCTED AT ALL TIMES FOR PERSONS WITH PHYSICAL HANDICAPS. PRIMARY ENTRANCE, SANITARY FACILITIES, DRINKING FOUNTAIN, SEAT, PHONE TELEPHONES, ELEVATORS, AND OTHER FACILITIES MUST BE KEPT OPEN AND UNOBSTRUCTED WITH SECTION 11B-02C2
- 3 THE MAXIMUM SLOPE OF A RAMP SHALL BE ONE UNIT VERTICAL IN 12 UNITS HORIZONTAL, OR 8.3 PERCENT SLOPE. THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP PER SECTION 11B-05.3
- 4 THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL, OR 2.08 PERCENT SLOPE PER SECTION 11B-05.3
- 5 INTERFERING BASE SECTIONS 11B-04.9 AND 11B-04-07
- 6 INTERFERING LANTIONS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30 INCHES OF TRAVEL. THERE SHALL BE NOT LESS THAN 8 INCHES WIDE AND SHALL HAVE A HEIGHT OF NOT LESS THAN 8 INCHES IN THE DIRECTION OF RAMP RUN. LANTIONS AT THE BOTTOM OF RAMP SHALL HAVE A DIMENSION IN THE DIRECTION OF RAMP RUN OF NOT LESS THAN 12 INCHES. SECTIONS 11B-04.9.7 AND 11B-04.9.3
- 7 ALL RAMP VERTICALS SHALL BE LEVEL WITH MAXIMUM SLOPE IN ANY DIRECTION NOT TO EXCEED ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL, OR 2.08 PERCENT SLOPE. SECTION 11B-04.9.7.1

- |         |                          |
|---------|--------------------------|
| N.T.S.  | NOT TO SCALE             |
| M.W.    | MEAN LOW/LOW WATER       |
| SHT.    | SHEET                    |
| D.T.L.  | DETAIL                   |
| (E)     | EXISTING                 |
| (N)     | NEW                      |
| P.I.P   | PROTECT IN PLACE         |
| P.T     | PRESSURE TREATED         |
| D.F     | DOUGLAS FIR              |
| H.O.G   | HOT DIPPED GALVANIZED    |
| GALV    | GALVANIZED               |
| W       | WITH                     |
| PREAB   | PREFABRICATED            |
| U.O.N   | UNLESS OTHERWISE NOTED   |
| S.C     | STAINLESS STEEL          |
| S.S 316 | STAINLESS STEEL 316      |
| ALC     | ALUMINUM COPPER ALUMINUM |

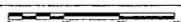
SCALE: AS NOTED

Mr. Boyshore Swiss Bank Corporation  
CARE: 2/28/97

TETRA TECH

www.1stinfoch.com  
249 EAST OCEAN BLVD, SUITE 32  
LONG BEACH, CA 90802  
PHONE: 562-485-0485, FAX: 562-495-5023

**BAYSHORE SWIM DOCK REPLACEMENT**  
5415 E OCEAN BLVD, LONG BEACH, CA 90803  
GENERAL NOTES

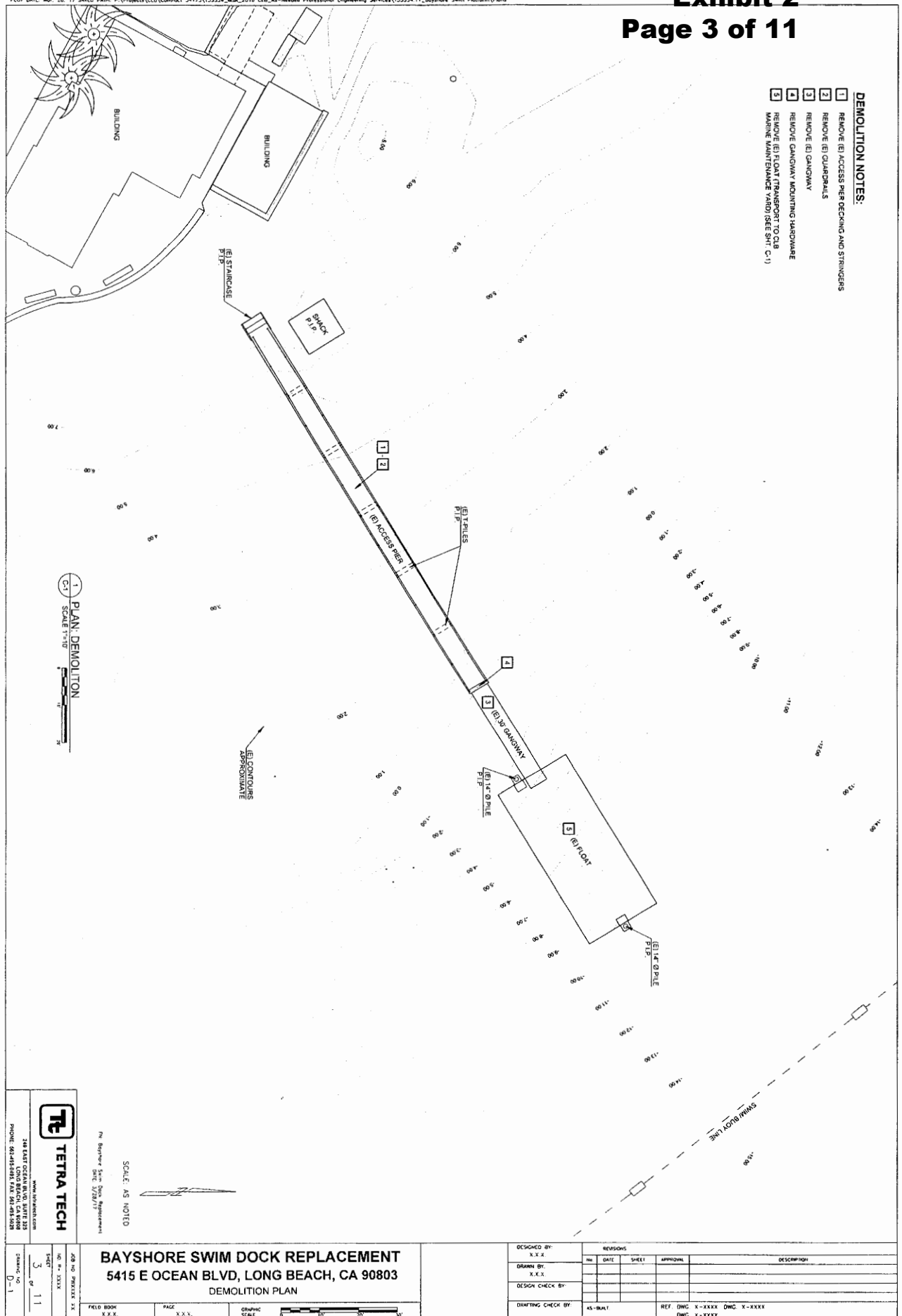


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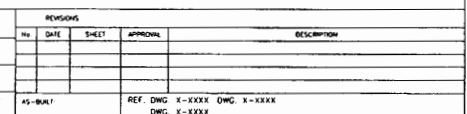
# Exhibit 2

## Page 3 of 11

- DEMOLITION NOTES:**
- 1 REMOVE (E) ACCESS PER DECKING AND STRINGERS
  - 2 REMOVE (E) GUARDRAILS
  - 3 REMOVE (E) GANGWAY
  - 4 REMOVE GANGWAY MOUNTING HARDWARE
  - 5 REMOVE (E) LIFT TRANSPORT TO CL#8 MARINE MAINTENANCE YARD (SEE SHT C-1)







# Exhibit 2

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### CONSTRUCTION NOTES:

1. CONSTRUCT ADA LANDING (200 SF)
2. CONSTRUCT ADA WALKWAY (2.37 CY)
3. SEE SEC 1, SHIT S-2)
4. INSTALL ACCESS RIG DECKING AND STRINGERS (620 SF)
5. SEE DTL 1, SHIT S-1)
6. INSTALL GUARDRAILS (218 LF)
7. SEE DTL 1, SHIT S-1)
8. REPAIR PILE CAPS (6)
9. SEE SEC. C-C SHIT S-1)
10. INSTALL FLOAT SYSTEM AND ALL ACCESSORIES
11. SEE DTL 2, SHIT S-1)
12. INSTALL GANGWAY

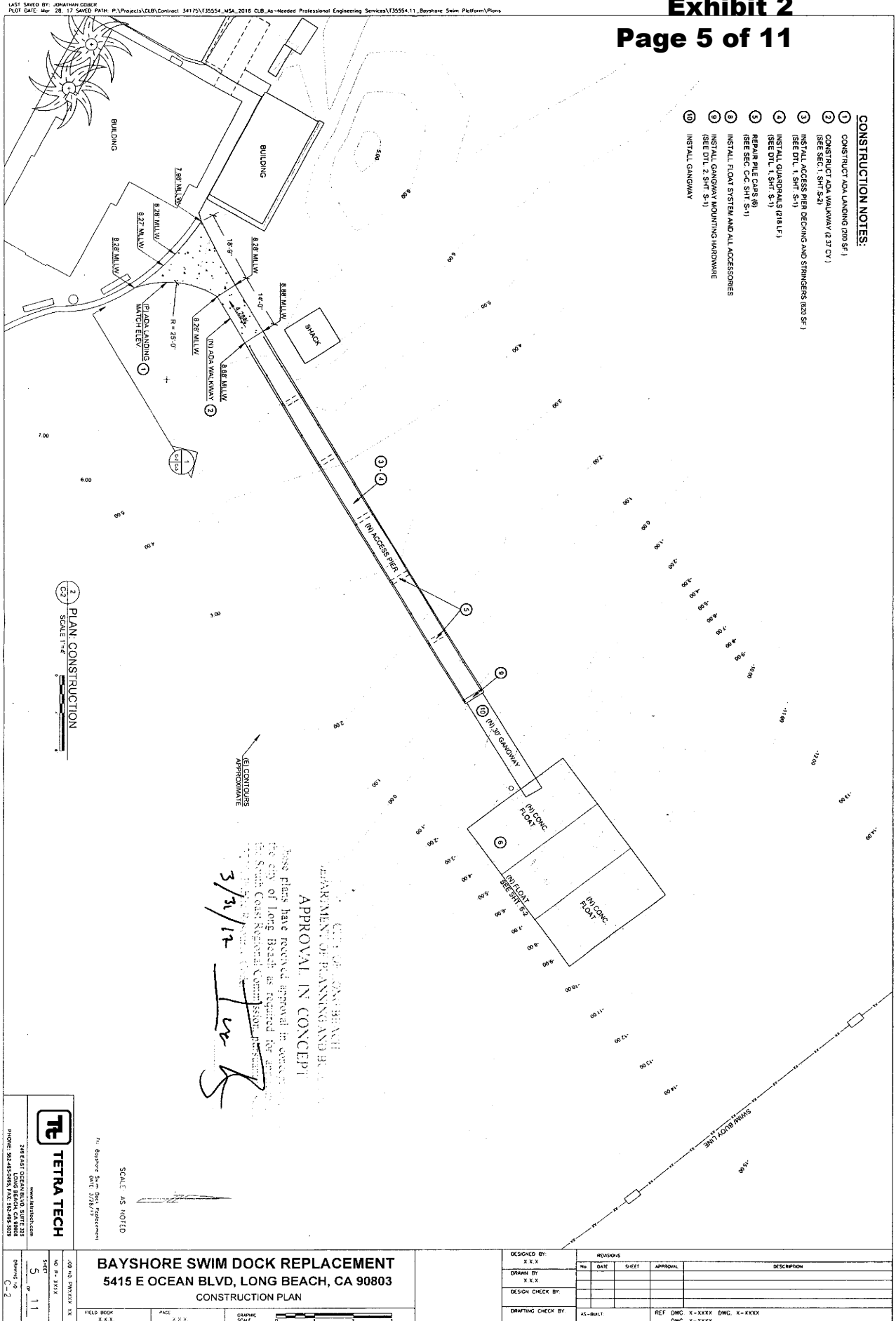
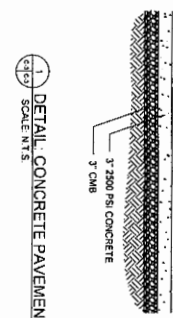
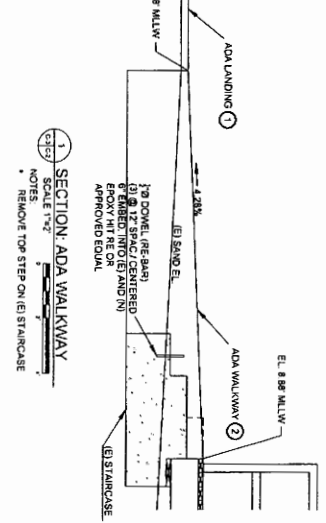


Exhibit 2  
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- CONSTRUCTION NOTES:
- 1. CONSTRUCT ADA LANDING (200 SF.)
  - 2. CONSTRUCT ADA WALKWAY (237 CY.)




**TETRA TECH**  
www.tetrattech.com

248 EAST OCEAN BLVD, SUITE 330  
LONG BEACH, CA 90803  
PHONE: 562-489-0485, FAX: 562-489-5029

SCALE: AS NOTED  
IN: Bayshore Swim Dock Replacement  
DATE: 3/28/17

**BAYSHORE SWIM DOCK REPLACEMENT**  
**5415 E OCEAN BLVD, LONG BEACH, CA 90803**  
**CIVIL IMPROVEMENTS**

FIELD BOOK X.X.X	PAGE X.X.X	GRAPHIC SCALE 
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C-3



# Exhibit 2

## Page 7 of 11

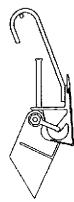
### CONSTRUCTION NOTES:

1. CONSTRUCT ADA WALKWAY (2'3" C/W)
2. INSTALL ACCESS PIER BECMG AND STRINGERS (600 S.F.)
3. INSTALL GUARDRAILS (218 L.F.)
4. REPAIR PILE CAPS (5)
5. INSTALL GANGWAY MOUNTING HARDWARE
6. INSTALL GANGWAY
7. CONSTRUCT CONCRETE GANGWAY LANDING
8. REPLACE TIMBER PILE CAP

### DETAIL - GW MOUNTING HARDWARE

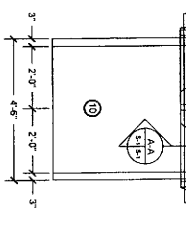
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NOTES:  
TO BE PROVIDED BY GANGWAY MANUFACTURER



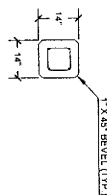
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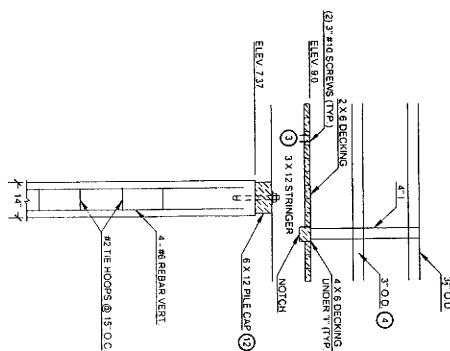
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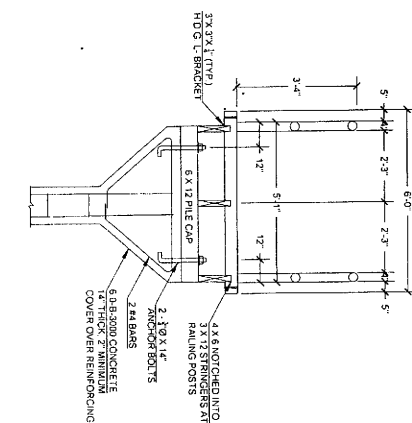
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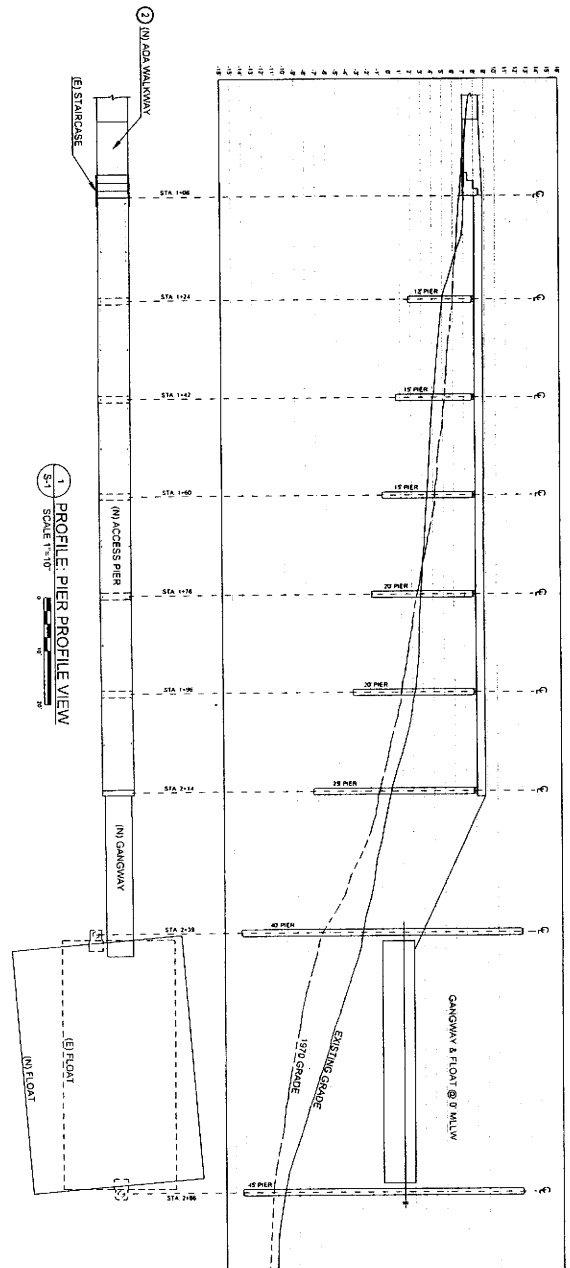
### SECTION

SCALE 1"=2'



### PROFILE - PIER PROFILE VIEW

SCALE 1"=10'



SCALE AS NOTED

**BAYSHORE SWIM DOCK REPLACEMENT**  
5415 E OCEAN BLVD, LONG BEACH, CA 90803  
PIER, GANGWAY AND FLOAT LAYOUT

DESIGNED BY:	REVISIONS	DESCRIPTION
X.X.X.	NO. DATE SHEET APPROVAL	
DRAWN BY:		
X.X.X.		
DESIGN CHECK BY:		
DRAWING CHECK BY:	AS-BUILT	REF. DWG. X-XXXX DWG. X-XXXX

**TETRA TECH**

240 EAST OCEAN BLVD, SUITE 210  
LONG BEACH, CA 90803  
PHONE: 562-454-8888 FAX: 562-454-8889

www.tetratech.com

NO. P. XXX  
SHEET 7 OF 11  
PRINTED ON: 3/28/17

Exhibit 2  
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CONSTRUCTION NOTES:

1. INSTALL ACCESS PIER DECKING AND STRINGERS (620 SF.)
2. INSTALL GUARDRAILS (216 LF.)
3. REPAIR PILE CAPS (6)
4. INSTALL GANGWAY MOUNTING HARDWARE
5. INSTALL GANGWAY

VERIFY ACCESS PIER CONNECTIONS



SCALE: AS NOTED

THE Bayshore Swim Dock Replacement  
DATE: 3/28/17



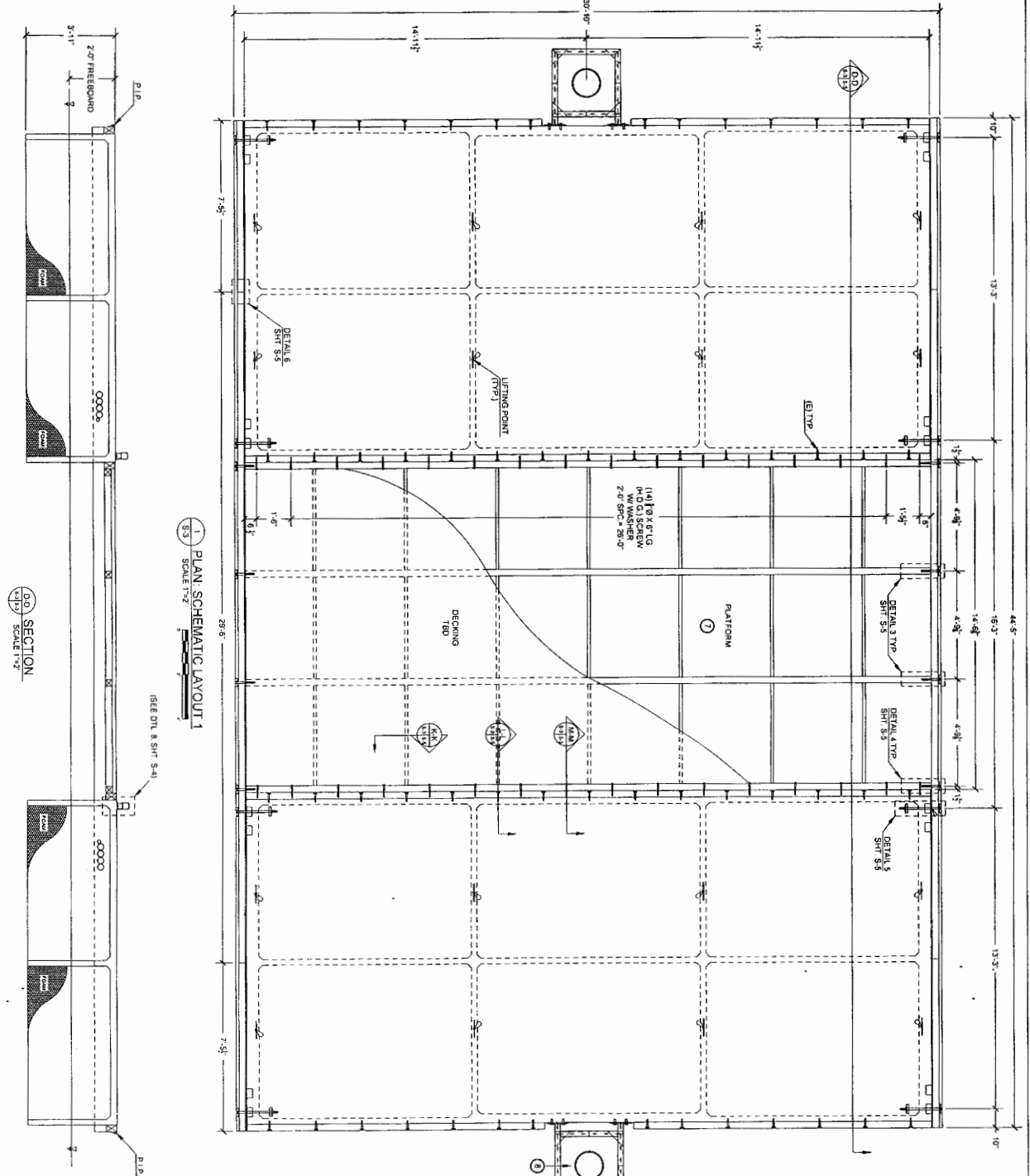
241 EAST OCEAN BLVD, SUITE 210  
LONG BEACH, CA 90802  
PHONE: 562-455-0888 FAX: 562-455-0889

BAYSHORE SWIM DOCK REPLACEMENT  
5415 E OCEAN BLVD, LONG BEACH, CA 90803  
DETAILS

FIELD BOOK: X.X.X. PAGE: X.X.X. GRAPHIC SCALE: 0 1 2 3

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REF. DWG. X-XXXX DWG. X-XXXX  
DWG. X-XXXX



1 PLAN SCHEMATIC LAYOUT 1  
 SCALE 1"=2'

100 SECTION  
 SCALE 1"=2'

(SEE DET. & SHIT S-4)

- CONSTRUCTION NOTES:**
- 1 FABRICATE/INSTALL PLATFORM
  - 2 INSTALL FLOAT SYSTEM AND ALL ACCESSORIES

**TF**  
**TETRA TECH**  
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SCALE: AS NOTED  
 THE BAYSHORE SWIM DOCK REPLACEMENT  
 DATE: 3/28/17

**BAYSHORE SWIM DOCK REPLACEMENT**  
 5415 E OCEAN BLVD, LONG BEACH, CA 90803  
 FLOAT PLAN

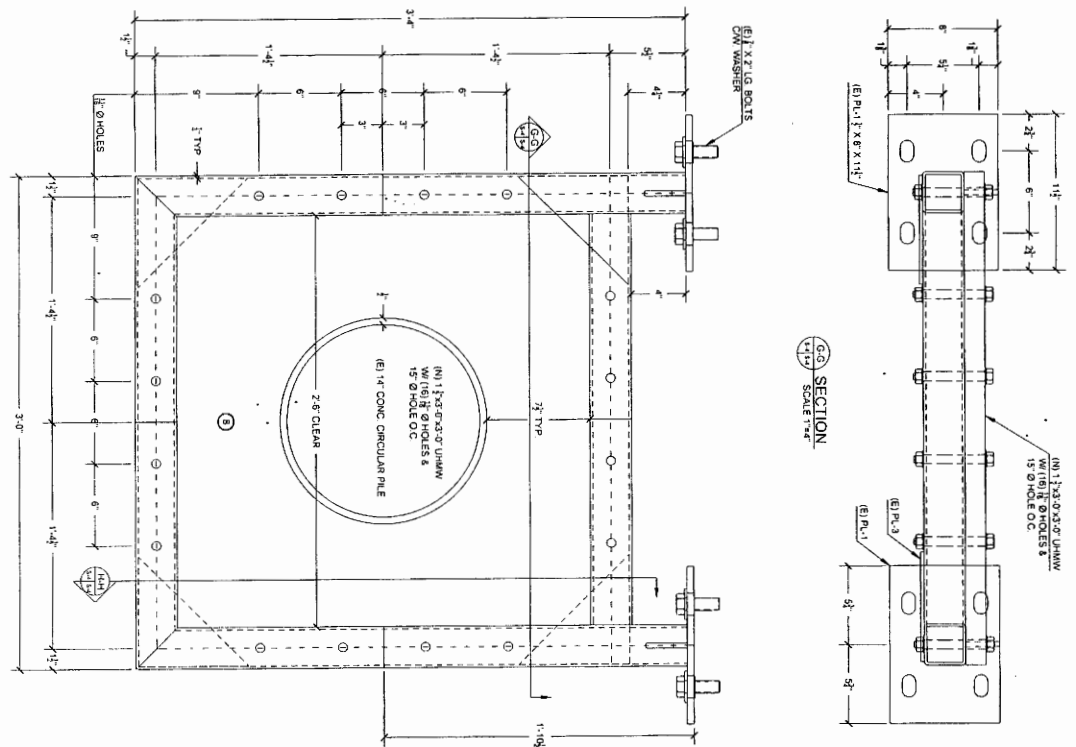
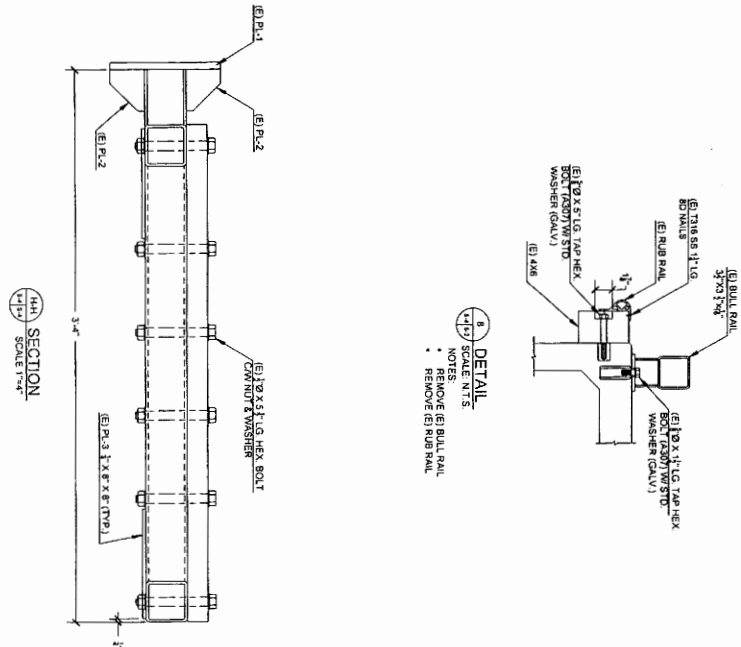
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				DWG. K-XXXXX					

### CONSTRUCTION NOTES:

1. INSTALL FLOAT SYSTEM AND ALL ACCESSORIES



SCALE: AS NOTED  
IN Bayshore Swim Dock Replacement  
Sheet 2/10/11

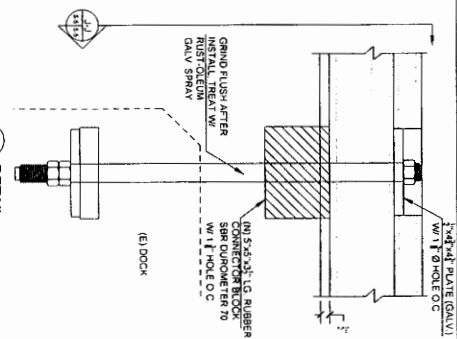


248 EAST OCEAN BLVD, SUITE 202  
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PHONE: 562-438-6888 FAX: 562-438-6889

**BAYSHORE SWIM DOCK REPLACEMENT**  
5415 E OCEAN BLVD, LONG BEACH, CA 90803  
DETAILS

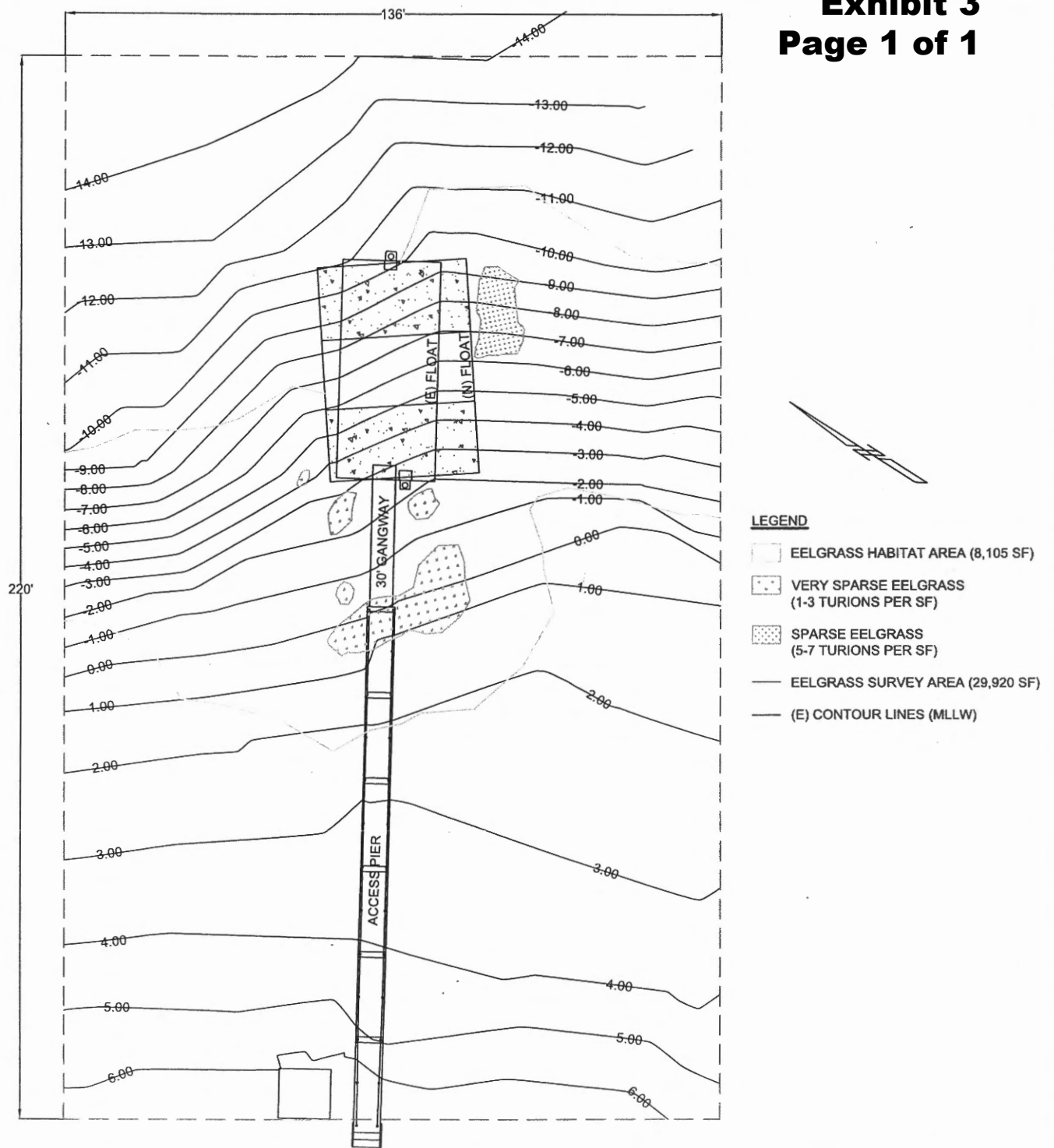
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REF. DWG. X-XXXX				
DWG. X-XXXX				

DATE	10/11
DRAWING NO.	S-4



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DESIGN CHECK BY:					
DRAFTING CHECK BY:	AS-BUILT				REF. DWG. X-XXXX DWG. X-XXXX

# Exhibit 3 Page 1 of 1



**Tetra Tech, Inc.**

ENGINEERS ARCHITECTS SCIENTISTS

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Ph. (562) 495-0495 fax (562) 495-5029

## Pre-Construction Eelgrass Results

**Bayshore Swim  
Dock Replacement  
5415 E. Ocean Blvd.  
Long Beach, California**

**FIGURE 2**

**May 2017**