

## **CALIFORNIA COASTAL COMMISSION**

South Coast Area Office  
301 East Ocean Boulevard, Suite 300  
Long Beach, CA 90802-4302  
(562) 590-5071  
WEB: WWW.COASTAL.CA.GOV



# **Th14a**

## **5-18-1082 (VENICE PIER REHABILITATION PROJECT)**

**APRIL 11, 2019**

### **EXHIBITS**

#### **Table of Contents**

Exhibit No. 1 – Project Location

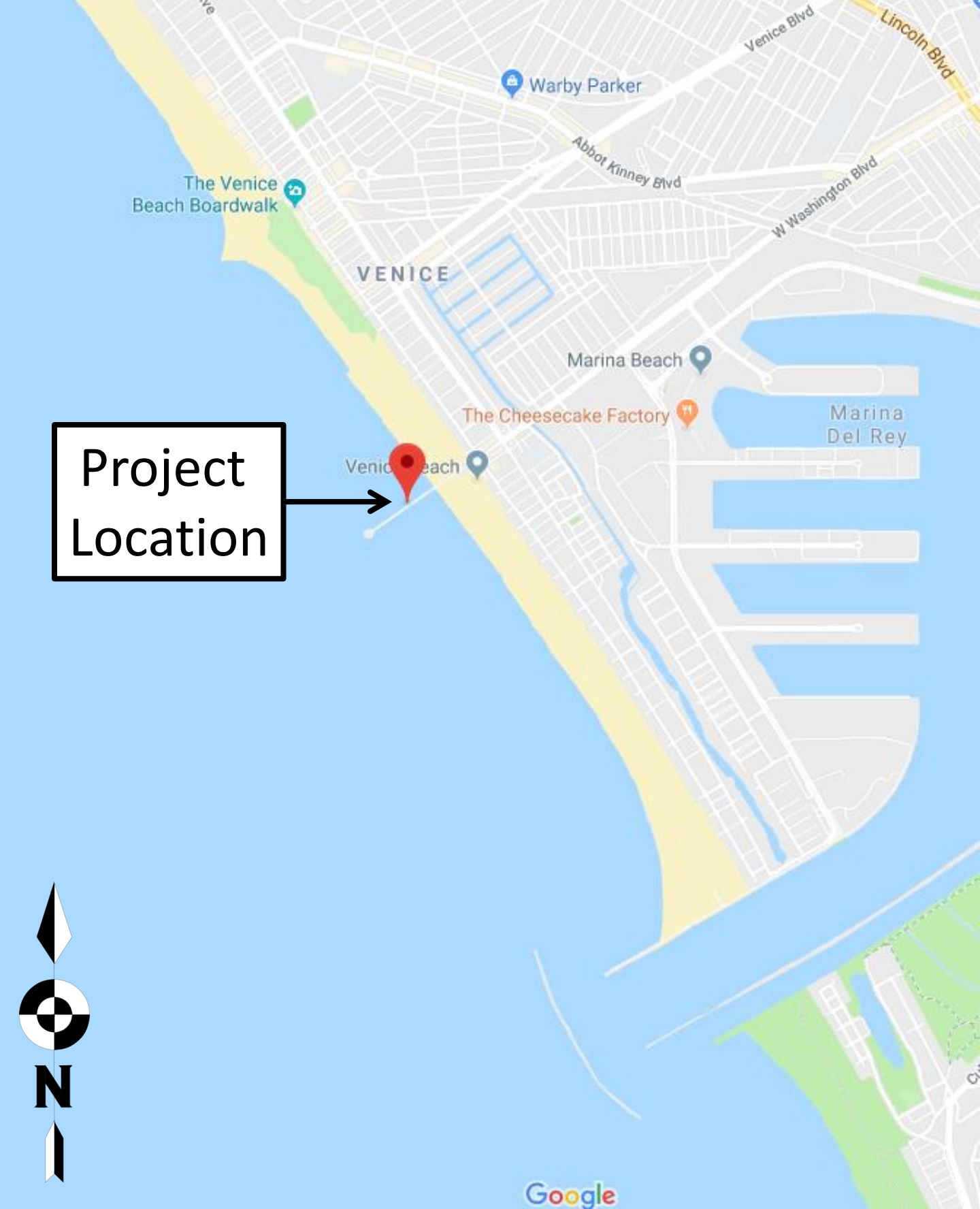
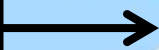
Exhibit No. 2 – Site Plan

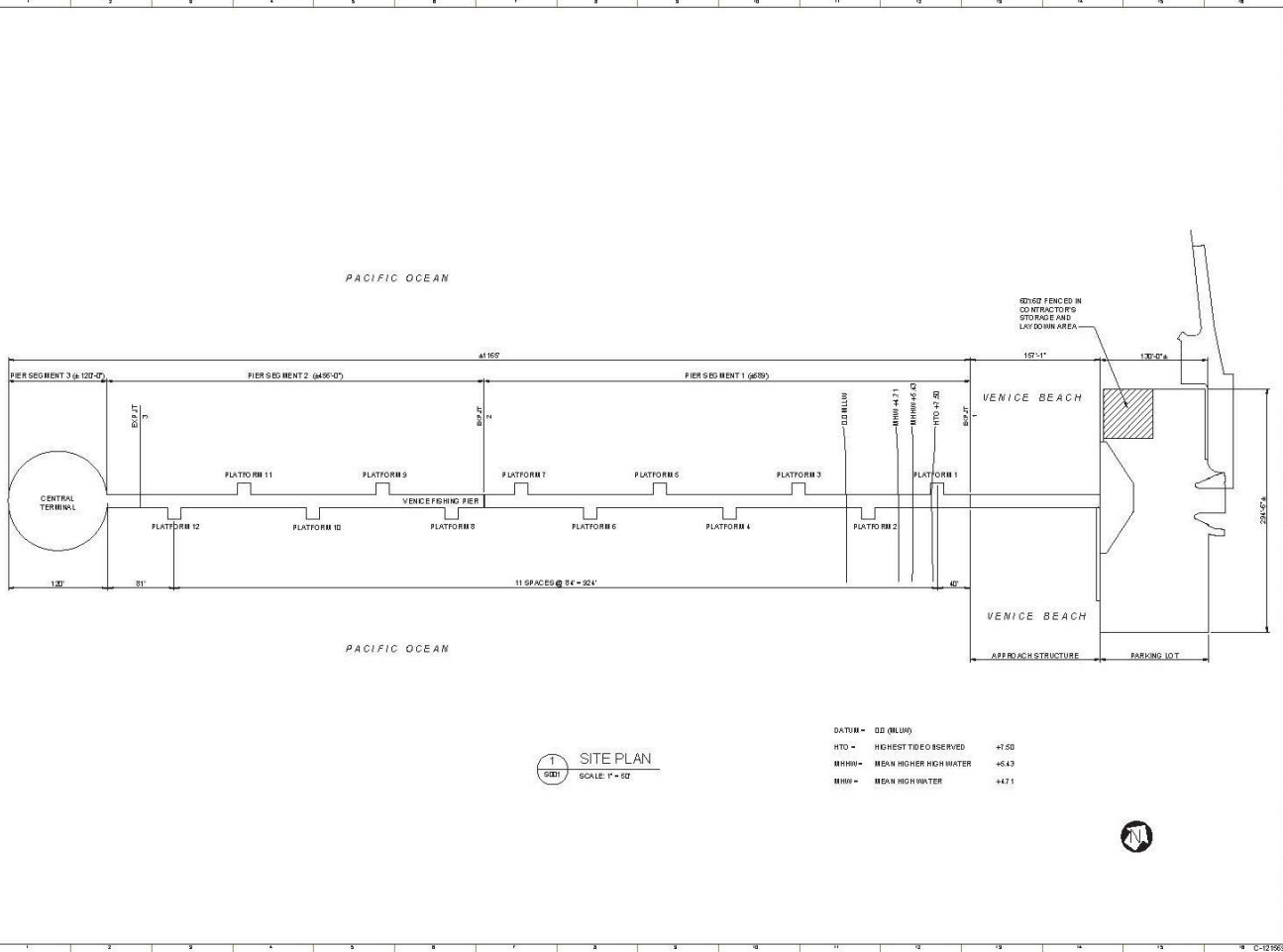
Exhibit No. 3 – Pile Repair Plan

Exhibit No. 4 – Cap Beam Repair Plan

Exhibit No. 5 – Public Access Plan

**Project  
Location**





1 SITE PLAN  
SCALE: 1" = 50'

- DATUM - OD (MLW)
- HTO - HIGHEST TIDE OBSERVED +7.50
- MHW - MEAN HIGHER HIGH WATER +6.43
- MHHW - MEAN HIGH WATER +4.71



**BUREAU OF ENGINEERING**

**ENGINEERING**

**DEPARTMENT OF PUBLIC WORKS**

**CITY OF LOS ANGELES**

GENERAL ENGINEER

PROJECT: VENICE BEACH PIER IMPROVEMENT AND REPAIR

DATE: 05/17/2017

SCALE: 1" = 50'

SHEET NO: S001

TOTAL SHEETS: 32

DATE: 05/17/2017

PROJECT NO: 16-00000

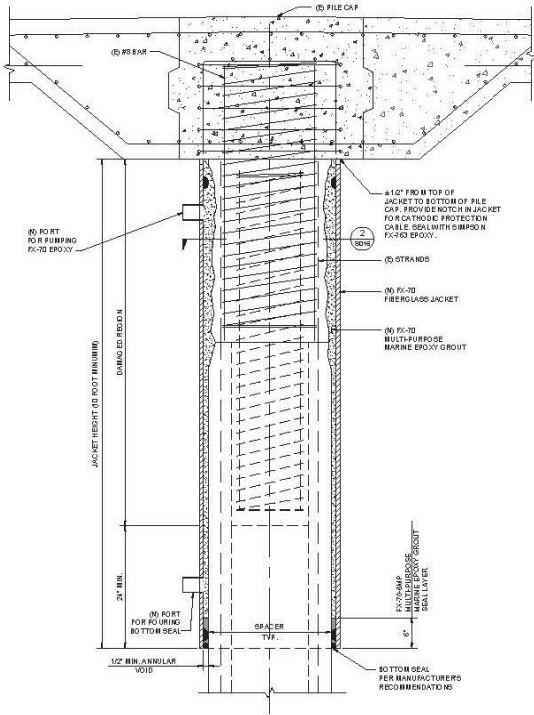
PROJECT LOCATION: VENICE BEACH, LOS ANGELES, CA 90024

PROJECT DESCRIPTION: IMPROVEMENT AND REPAIR OF VENICE BEACH PIER

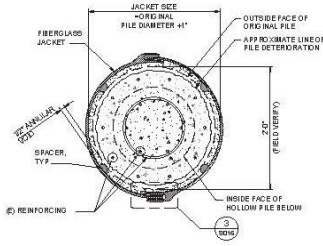
PROJECT NO: 16-00000

PROJECT LOCATION: VENICE BEACH, LOS ANGELES, CA 90024

PROJECT DESCRIPTION: IMPROVEMENT AND REPAIR OF VENICE BEACH PIER



**1** GENERAL CONCRETE PILE REPAIR - JACKET1 & JACKET2  
SCALE: N.T.S. @ PER SEGMENT (1)



**2** PILE SECTION  
SCALE: N.T.S.



**3** TONGUE-AND GROOVE DETAIL  
SCALE: N.T.S.

**NOTES.**

1. ALL UNSOUND CONCRETE AND NON-CONCRETE MATERIALS WITHIN THE NEW JACKET AREA SHALL BE REMOVED UNTIL SOUND CLEAN CONCRETE IS OBTAINED.
2. EXISTING EXPOSED REINFORCING BARS OR EXPOSED EMBEDDED STEEL SHALL BE CLEANED OF ALL RUST AND CONTAMINANTS AND THEN COATED WITH AN EPOXY FINISH PER MANUFACTURER'S RECOMMENDATION.
3. INSTALL FIBERGLASS JACK SYSTEM IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. AFTER GROUT HAS SET AND ANY SETTLEMENT OF GROUT HAS OCCURRED THE Voids BETWEEN THE TOP OF THE FIBERGLASS JACKET AND THE BOTTOM OF THE FILE CAP SHALL BE COMPLETELY FILLED WITH SIMPSON FX-703 EPOXY.

DATE	BY



PROJECT NO.	DATE

CITY OF LOS ANGELES	DEPARTMENT OF PUBLIC WORKS
GARY LEE MOORE, PE, ENR 35148	

PROJECT TITLE	

PROJECT NO.	

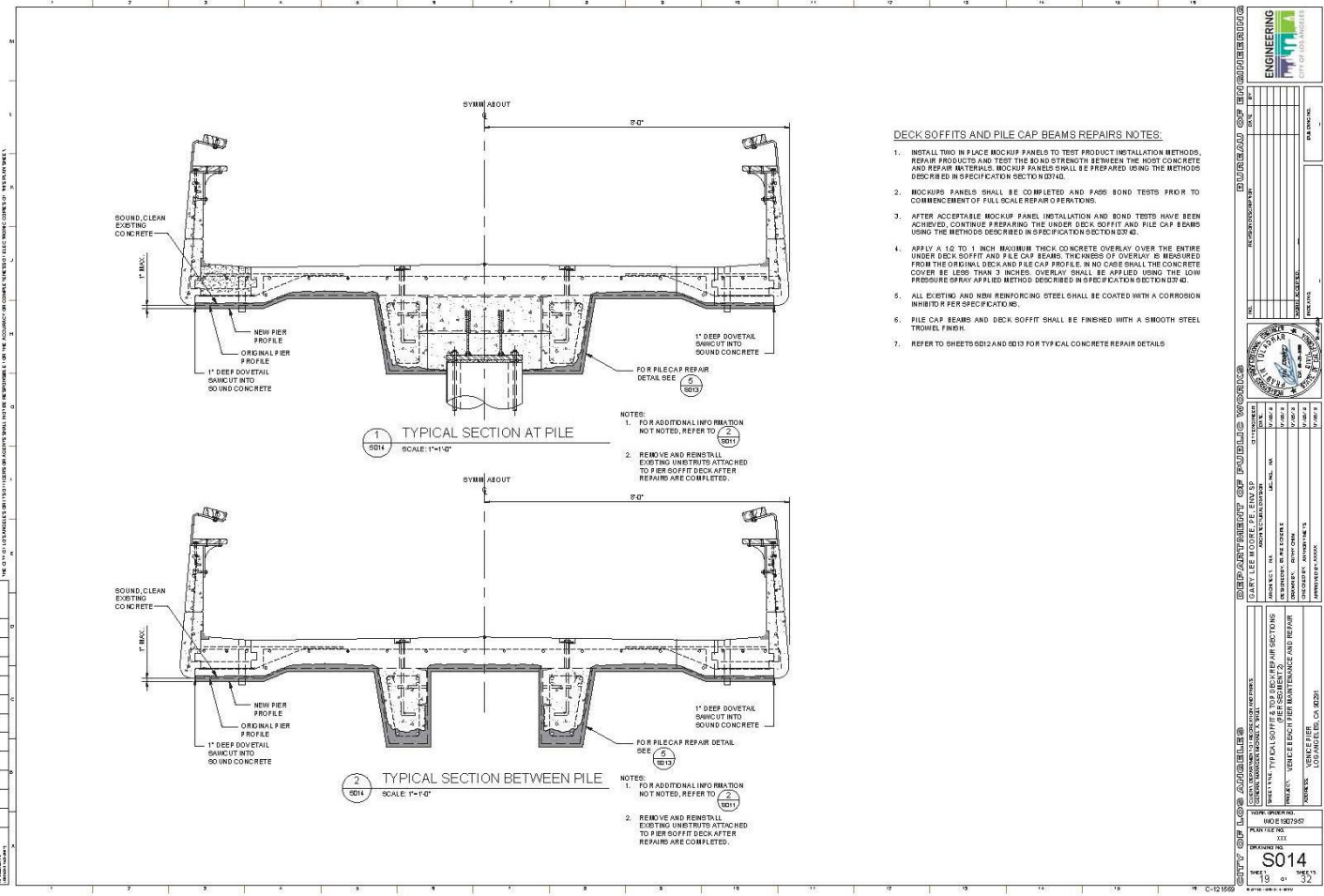
DATE	

PROJECT TITLE	

PROJECT NO.	

PROJECT TITLE	

PROJECT NO.	



**DECK SOFFITS AND PILE CAP BEAMS REPAIRS NOTES:**

1. INSTALL TWO IN PLACE MOCKUP PANELS TO TEST PRODUCT INSTALLATION METHODS, REPAIR PRODUCTS AND TEST THE BOND STRENGTH BETWEEN THE HOST CONCRETE AND REPAIR MATERIALS. MOCKUP PANELS SHALL BE PREPARED USING THE METHODS DESCRIBED IN SPECIFICATION SECTION 05740.
2. MOCKUP PANELS SHALL BE COMPLETED AND PASS BOND TESTS PRIOR TO COMMENCEMENT OF FULL SCALE REPAIR OPERATIONS.
3. AFTER ACCEPTABLE MOCKUP PANEL INSTALLATION AND BOND TESTS HAVE BEEN ACHIEVED, CONTINUE REPAIRING THE UNDER DECK SOFFIT AND PILE CAP BEAMS USING THE METHODS DESCRIBED IN SPECIFICATION SECTION 05740.
4. APPLY A 1/4 TO 1 INCH MINIMUM THICK CONCRETE OVERLAY OVER THE ENTIRE UNDER DECK SOFFIT AND PILE CAP BEAMS. THICKNESS OF OVERLAY BE MEASURED FROM THE ORIGINAL DECK AND PILE CAP PROFILE. IN NO CASE SHALL THE CONCRETE COVER BE LESS THAN 3 INCHES. OVERLAY SHALL BE APPLIED USING THE LOW PRESSURE SPRAY APPLIED METHOD DESCRIBED IN SPECIFICATION SECTION 05740.
5. ALL EXISTING AND NEW REINFORCING STEEL SHALL BE COATED WITH A CORROSION INHIBITOR PER SPECIFICATION.
6. PILE CAP BEAMS AND DECK SOFFIT SHALL BE FINISHED WITH A SMOOTH STEEL TROWEL FINISH.
7. REFER TO SHEETS S012 AND S013 FOR TYPICAL CONCRETE REPAIR DETAILS.

<b>ENGINEERING</b>		<b>BUREAU OF ENGINEERING</b>	
DATE: _____	SCALE: _____	PROJECT: _____	SHEET NO.: _____
			
<b>DEPARTMENT OF PUBLIC WORKS</b>			
GARY LEE MOORE, P.E., CIVIL ENGINEER			
PROJECT: VEHICLE DECK REPAIR MAINTENANCE AND REPAIR			
SHEET NO. 37			

## **PROPOSED PUBLIC ACCESS PLAN:**

**Please see attached figure (Revised Drawing S001)**

Stage 1: Pier is closed\*\*, with no public access. Contractor will work on Approach. Closed September 2019 **after Labor Day**, estimated completion October 2019

Stage 2: Pier is opened\*\*, with public access\* of full pier width, to Platform 11. Contractor will work on pier west of Platform 11. estimated completion November 2019

Stage 3: Pier is opened\*\*, with public access\* of full pier width, to Platform 9. Contractor will work on pier west of Platform 9. estimated completion December 2020

Stage 4: Pier is opened\*\*, with public access\* of full pier width, to Platform 7. Contractor will work on pier west of Platform 7. estimated completion January 2020

Stage 5: Pier is opened\*\*, with public access\* of full pier width, to Platform 5. Contractor will work on pier west of Platform 5. estimated completion March 2020

Stage 6: Pier is closed\*\*, with no public access. Contractor will finish the balance of the pier repair. Grand Re-Opening upon completion. estimated completion May 2020 **before Memorial Day**

\*The Contractor shall be allowed to transfer materials onto the pier during Stages 2-5. In the interest of public safety, the contractor shall comply with all local, state, and federal regulations (utilization of flagmen etc.). In the interest of maintaining public access the contractor shall minimize these events whenever possible. Signage at the entrance to the pier shall be posted by the contractor informing the public of the construction activities on the pier and the portions that are still open to public access.

\*\*Throughout the duration of the project, at least one point of public access beneath the pier shall be maintained. Signage indicating access under the pier will be posted by the Contractor both north and south of the pier.

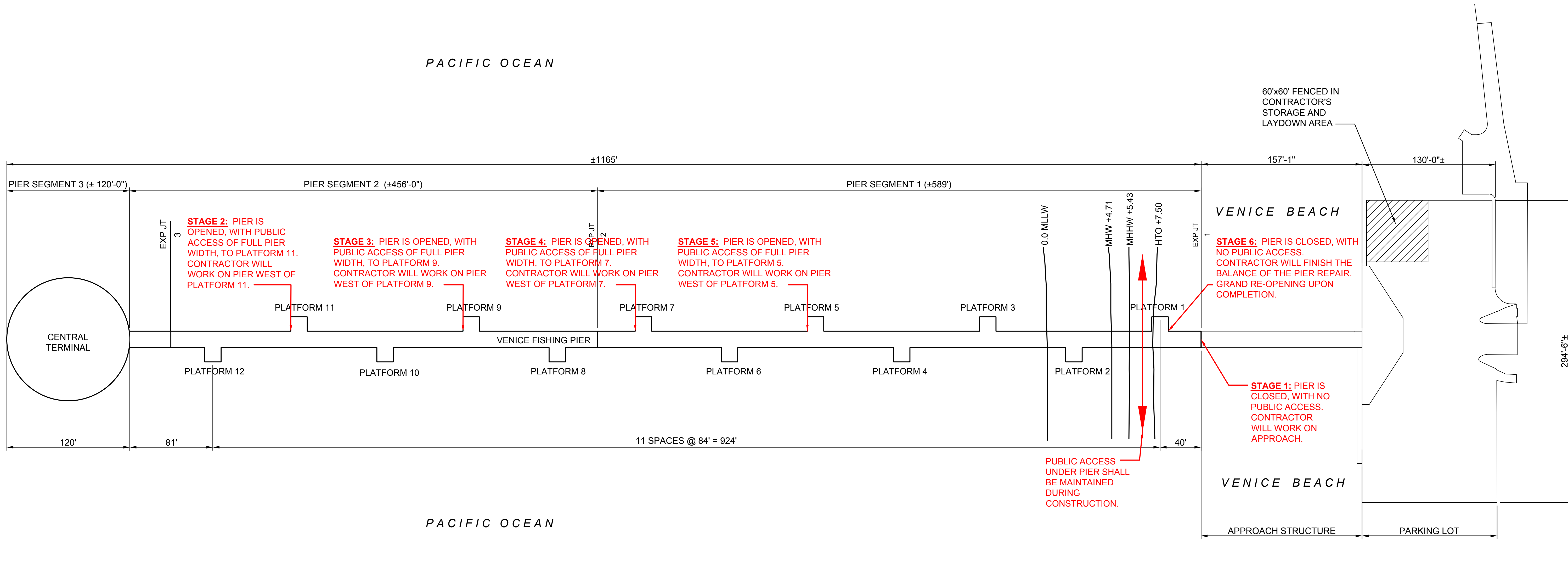
THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

REVISION DATES (DESIGN STAGE ONLY)

M  
L  
K  
J  
H  
G  
F  
E  
D  
C  
B  
A

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16



**1** SITE PLAN  
S001 SCALE: 1" = 50'

DATUM = 0.0 (MLLW)  
 HTO = HIGHEST TIDE OBSERVED +7.50  
 MHHW = MEAN HIGHER HIGH WATER +5.43  
 MHW = MEAN HIGH WATER +4.71



California Coastal Commission  
 CDP 5-18-1082  
 Exhibit 5  
 Page 2 of 2

**BUREAU OF ENGINEERING**

**DEPARTMENT OF PUBLIC WORKS**

**CITY OF LOS ANGELES**

CLIENT: DEPARTMENT OF RECREATION AND PARKS  
 GENERAL MANAGER: MICHAEL A. SHULL

SHEET TITLE: SITE PLAN

PROJECT: VENICE BEACH PIER MAINTENANCE AND REPAIR

ADDRESS: VENICE PIER  
 LOS ANGELES, CA 90291

NO.	REVISION DESCRIPTION	DATE	BY

WORK ORDER NO. WOE1907957

PLAN FILE NO. XXX

DRAWING NO. **S001**

SHEET 6 OF 32 SHEETS

PLANNING DIVISION  
 ARCHITECT: NA  
 DESIGNED BY: BLAKE ECKERLE  
 DRAWN BY: RITHY CHIM  
 CHECKED BY: ANTHONY METS  
 APPROVED BY: XXXXX

CITY ENGINEER: GARY LEE MOORE, PE, ENV SP  
 ARCHITECTURAL DIVISION  
 DATE: 01/05/18  
 LIC. NO.: NA  
 DATE: 01/05/18  
 DATE: 01/05/18  
 DATE: 01/05/18

WORK ACCEPTED: \_\_\_\_\_  
 INDEX NO. \_\_\_\_\_  
 BUILDING NO. \_\_\_\_\_