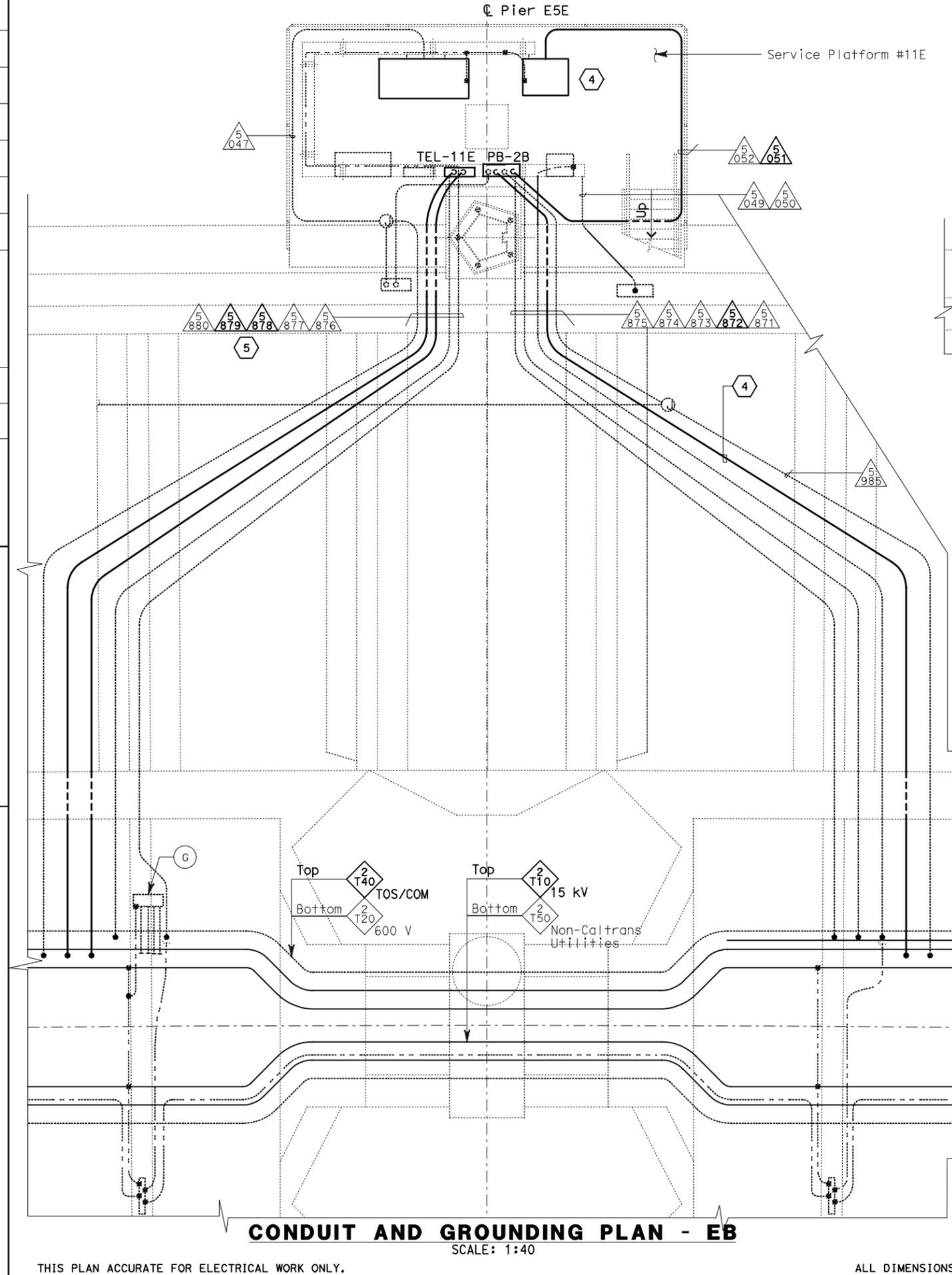
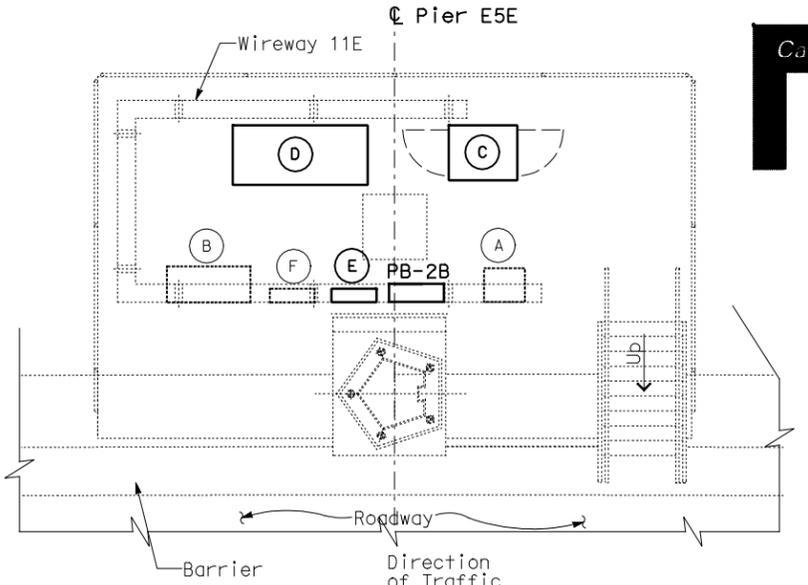


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN OVERSIGHT
 BEHZAD GOLEHAMMADI



CONDUIT AND GROUNDING PLAN - EB
 SCALE: 1:40



**SERVICE PLATFORM #11E
 EQUIPMENT ARRANGEMENT PLAN**
 SCALE: 1:40

- EQUIPMENT SCHEDULE:**
- (A) Utility Panel UP-233
100 A, 208/120 V, 3-Phase, 4-Wire
 - (B) Lighting Panel LP-253
100 A, 208/120 V, 3-Phase, 4-Wire
 - (C) Controller Cabinet #TOS-11EA
 - (D) Remote Terminal Unit RTU#12E
 - (E) Telephone Terminal Box #TEL-11E
 - (F) Navigation Relay Cabinet #NAP-11E
 - (G) Scada Communication Terminal Box #COM-11E
 - (H) Fiber Optic Splice Closure #FSC-11E



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET No	TOTAL SHEETS
04	SF, Ala	80	12.2/14.3	0.0/4.0	407a	1204

03/08/10
 REGISTERED ELECTRICAL ENGINEER DATE
 SYN YEE CHIN
 No. 18186
 Exp. 09/30/2011
 ELECTRICAL
 STATE OF CALIFORNIA

05-06-2010
 PLANS APPROVAL DATE
 PB AMERICAS, Inc.
 A Parsons Brinckerhoff Company
 303 Second St., Suite 700N
 San Francisco, CA 94107-1317

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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- NOTES:**
- This plan sheet is a record drawing from Skyway Structures contract. The Contractor shall verify the existing installation. See sheet EE-283 from Skyway Structures, contract No. 04-012024.
 - The installed components shall not be limited to the ones listed below, but shall be a complete installation. For details, see Bridge Structures Girder Eastbound, typical Details sheets.
 - Furnish and install the 15kV cables into existing cable tray shown on this drawing. See sheet E-837.
 - Furnish and install the TOS fiber optic cables into existing cable tray and conduits shown on this drawing. Pull a 72 fiber in the main tray and terminate in the splice closure. See sheet E-983.
 - Inspect for system ground continuity. See sheets E-839 and E-840.
 - Remote Terminal Unit #12E. See Sheets E-902, E-903, E-907, E-908 and E-909.
 - All cable trays, conduits and equipment shown on this drawing are existing. Bold ones are to be used for pulling cable.

- SHEET NOTES:**
- Furnish and install splice cable tray as shown on sheet E-836, plan detail 2.
 - Mount splice cable tray between diaphragms and secure properly. See sheet E-836, section detail 4.
 - Contractor shall locate the splice cable tray at Station 66+27 as shown on E-803.
 - Furnish and install 12 fiber optic cables from Fiber Optic Splice Closure to Controller Cabinet. Route via pull box PB-2B. Coil 3m of cable inside Controller Cabinet for connections by others. The coiled end of the fiber optic cables shall be terminated with mated connector. See sheets E-972 and E-973.
 - Pull and terminate 50 pair telephone cable in Telephone Terminal Box. See sheets E-961, E-963 and E-965.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
△	03/08/10	MEP INTEGRATION	SYC	FW	110
REVISIONS					

CONTRACT CHANGE ORDER NO. _____
 SHEET _____ OF _____

DETAILS
BRIDGE STRUCTURES GIRDER EASTBOUND
SKYWAY STRUCTURES-SERVICE PLATFORM #11E
 SCALE AS NOTED

E-822

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

DGN FILE => 04-0120f1_E-822.dgn
 USERNAME => llorico

CU 04251 EA 0120F1

DATE PLOTTED => 06-MAY-2010
 TIME PLOTTED => 18:24
 00-00-00