

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN OVERSIGHT
 BEHZAD GOLEMOHAMMADI
 CALCULATED/DESIGNED BY
 CHECKED BY
 DATE REVISIONS
 02/07
 02/07

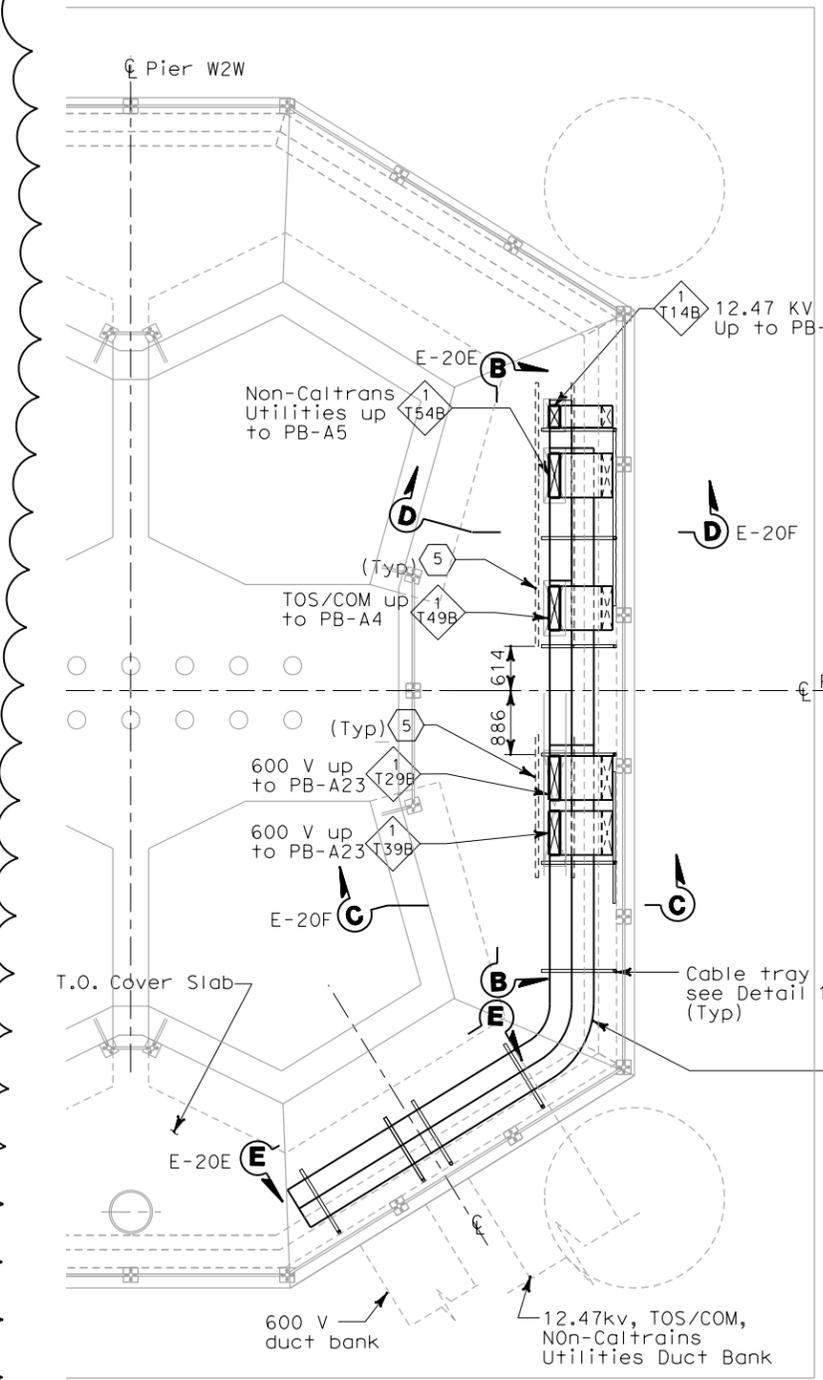


DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9		103 R1	1204

12/19/02
 REGISTERED ELECTRICAL ENGINEER DATE
 JENS ERLINGSSON
 No. 8249
 Exp. 9/30/06
 ELECTRICAL
 STATE OF CALIFORNIA

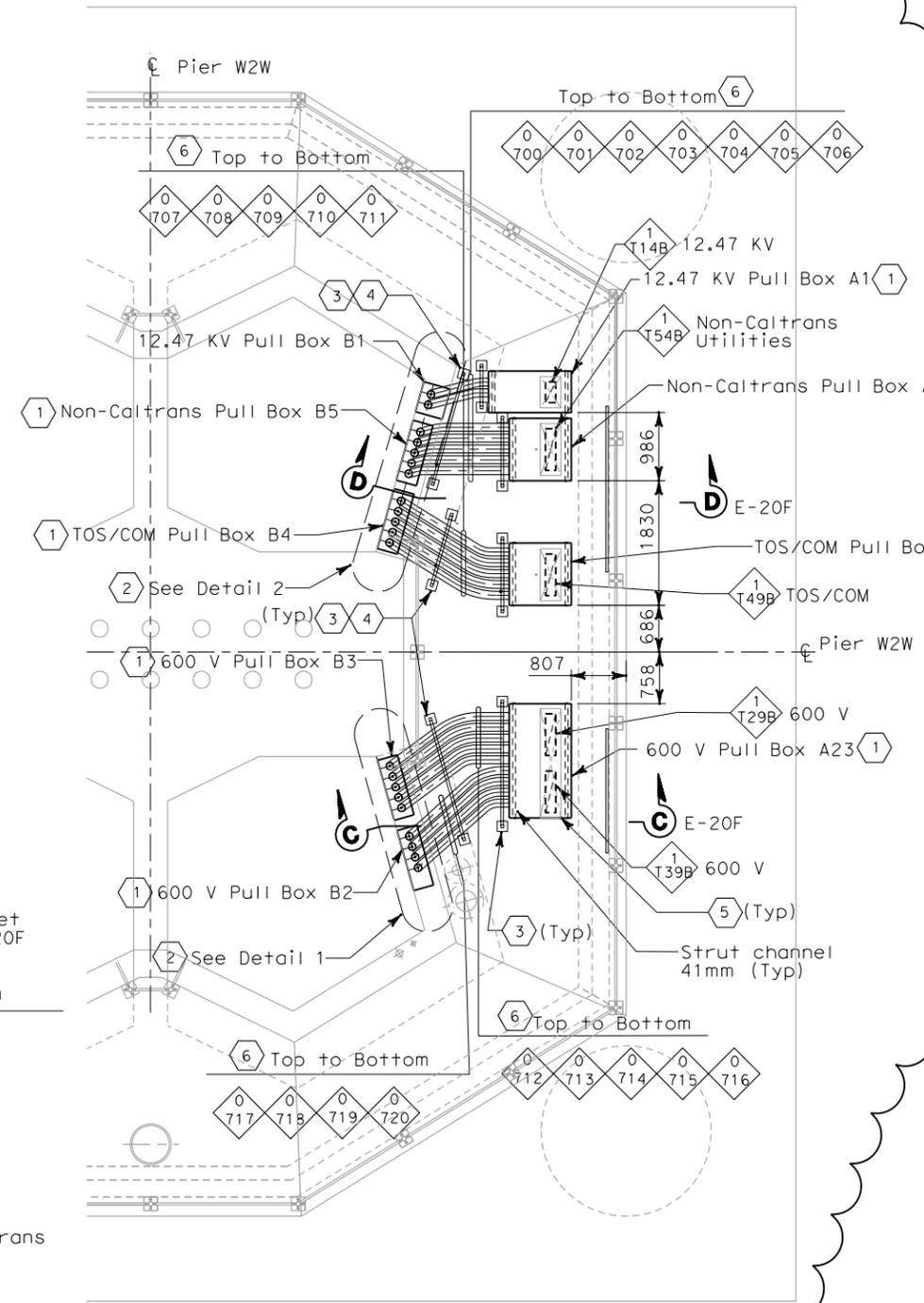
12-6-04
 PLANS APPROVAL DATE
 PB POWER, Inc.
 A Parsons Brinckerhoff Company
 303 Second St., Suite 700N
 San Francisco, CA 94107-1317

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 Caltrans now has a web site! To get to the web site, go to <http://www.dot.ca.gov>



PLAN AT BELOW COVER PIER W2W
 SCALE: 1:20

- Top to Bottom
- 1 T14A 12.47 kv
 - 1 T39A 600 V
 - 1 T29A 600 V
 - 1 T49A TOS/COM
 - 1 T54A Non-Caltrans Utilities



PLAN AT GRADE PIER W2W
 SCALE: 1:20

- NOTES:**
- References:
 - For duct bank and manhole plan, see sheet E-11.
 - For duct bank section, see sheet E-19.
 - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
 - For foundation grounding, see sheet E-22.
 - For grounding interface, see sheet E-18.
 - For SAS Superstructure girder westbound grounding plan, see sheets E-111 and E-18.
 - For duct bank elevations at W2W, see sheet E-23.

- SHEET NOTES:**
- For pull box sizes, opening and type see sheet E-20C.
 - For Details 1 and 2 see sheet E-20B.
 - For conduit support details see sheet E-20D.
 - Do not secure liquid tight metal flexible conduit at this support location.
 - For embedded strut channel and cable tray opening locations at pier W2 cover slab see E-20E.
 - Length of flexible conduits shall be provided for seismic movement. The maximum expansion displacement is 400mm.

REGISTERED PROFESSIONAL ENGINEER
 S. A. ESTOQUE, JR.
 No. E-10151
 Exp. 12/31/2008
 ELECTRICAL
 STATE OF CALIFORNIA

FOR REVISION ONLY

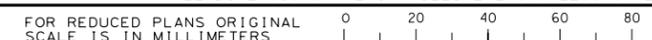
REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE			
02/25/08	CABLE TRAY CHANGES	TW	RG SE 42S1
MARK	DATE	DESCRIPTIONS	BY CH'D CCO#
REVISIONS			

CONTRACT CHANGE ORDER NO. _____
 SHEET _____ OF _____

DETAILS UNDERGROUND PIER W2W PLAN AND SECTIONS
 SCALE AS NOTED

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.



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 USERNAME => garciar
 CU 04251

EA 0120F1

DATE PLOTTED => 4/18/2008
 TIME PLOTTED => 5:21:25 PM
 LAST REVISION 00-00-00