DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	98S2 R2	1204

REGISTERED ELECTRICAL ENGINEER 07/05/11 DATE

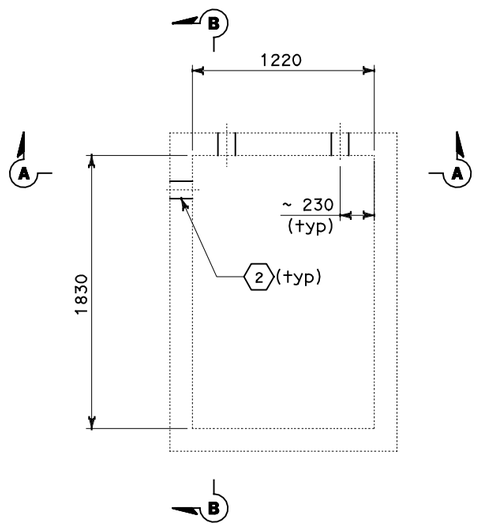
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER DAVID H. OTO No. 10699 Exp. 06/30/2013 ELECTRICAL STATE OF CALIFORNIA

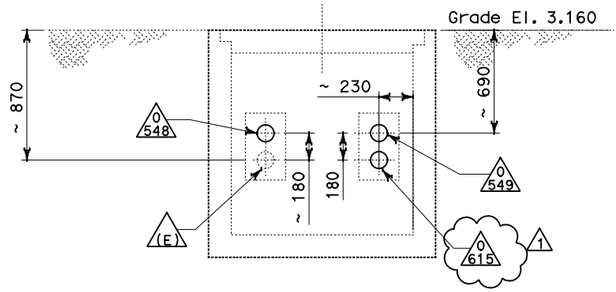
PB AMERICAS, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317

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.

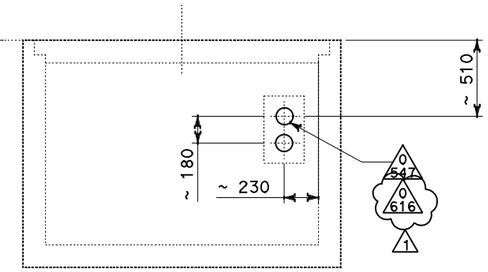
Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov



PLAN-(E) MANHOLE
ATT SB 1



SECTION A-A



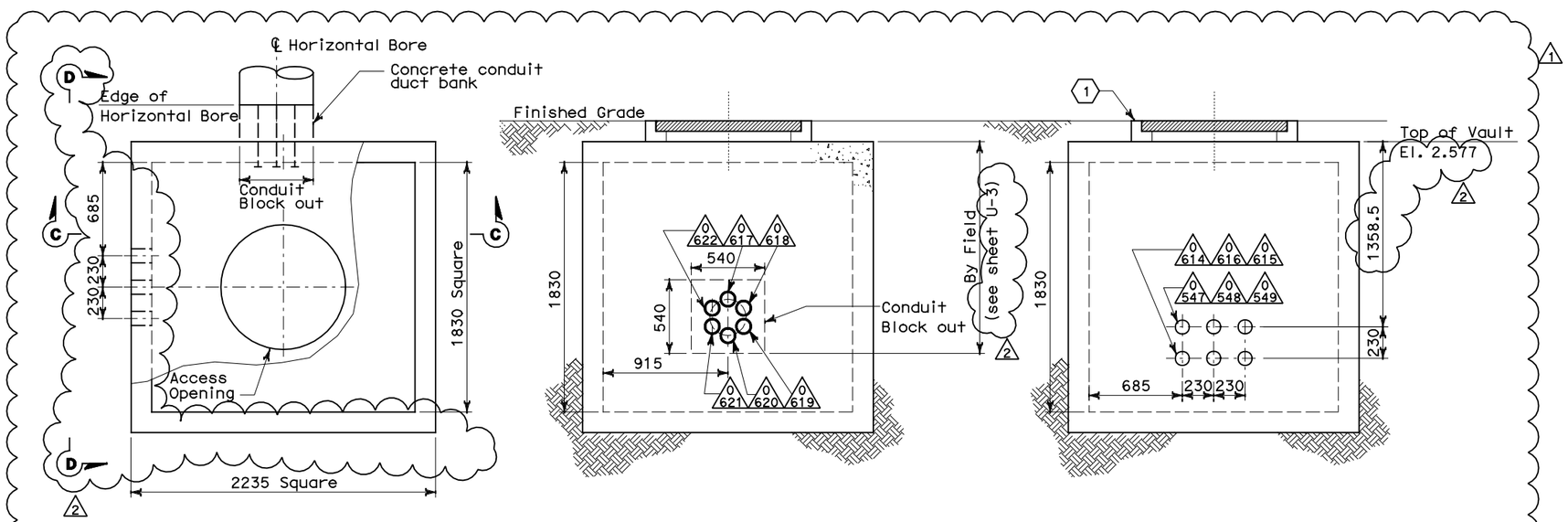
SECTION B-B

NOTES:

1. References:
   - For duct banks and manhole plan, see sheet E-11A.
   - For typical manhole details, see sheet E-17.
   - For duct bank sections, see sheet E-19B.
   - For circuit and conduit/cable tray schedules, see sheets starting at E-401
2. For other related work, not shown on this sheet, see Electrical Special Provisions.

SHEET NOTES:

1. Dimensions shown (~) are field survey. The Contractor is to verify to ensure the existing conduit is the reference for the actual location of the new conduits.
2. Contractor to ensure the conduit entering the (E) Manhole shall be seal watertight.



PLAN-MANHOLE-28C
SCALE: 1:20 (Non-Caltrans Utilities)

SECTION C-C
SCALE: 1:20

SECTION D-D
SCALE: 1:20

REGISTERED PROFESSIONAL ENGINEER DAVID H. OTO No. 10699 Exp. 06/30/2013 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY 1 2

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
2	04/05/12	W2 DUCT BANKS REINFORCEMENT	TW	RG	205
1	12/12/11	W2 DUCT BANKS REINFORCEMENT	MG	DO	205
0	08/08/11	W2 DUCT BANKS REINFORCEMENT	EJL TW	RG	205
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
		REVISIONS			

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF _____

DETAILS
UNDERGROUND MANHOLE PLAN AND SECTIONS
SCALE: NONE

E-15B

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

DGN FILE =>04-0120f1_0098S02R02.dgn
USERNAME =>llorico

CU 04251 | EA 0120F1

LAST REVISION 00-00-00 | DATE PLOTTED => 05-APR-2012 TIME PLOTTED => 17:26

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY EL | DATE 07/11 | REVISED BY
CHECKED BY RG | 07/11 | DATE REVISED