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

Caltrans Metric

12/19/02
REGISTERED ELECTRICAL ENGINEER DATE

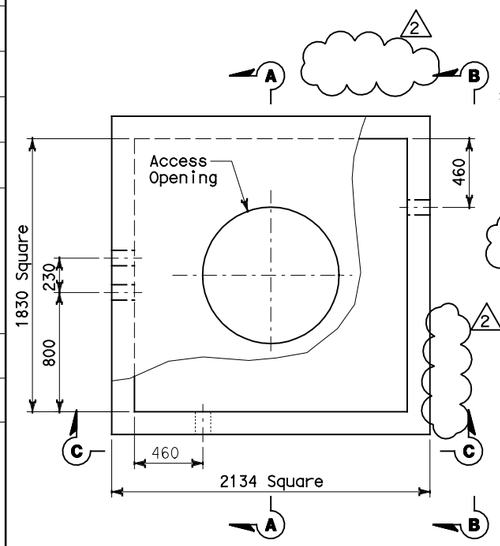
12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JENS ERLINGSSON No. 8249 Exp. 9/30/06 ELECTRICAL STATE OF CALIFORNIA

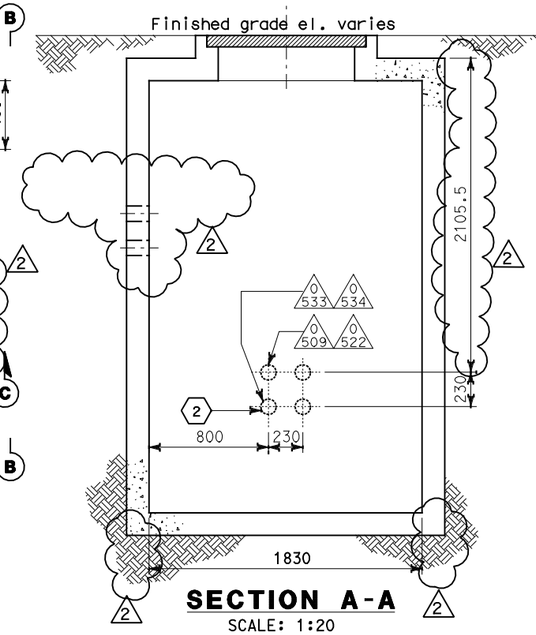
PB POWER, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317

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.

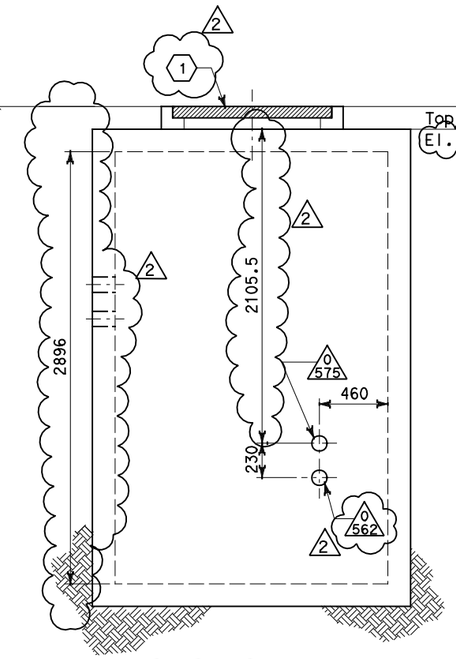
Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov



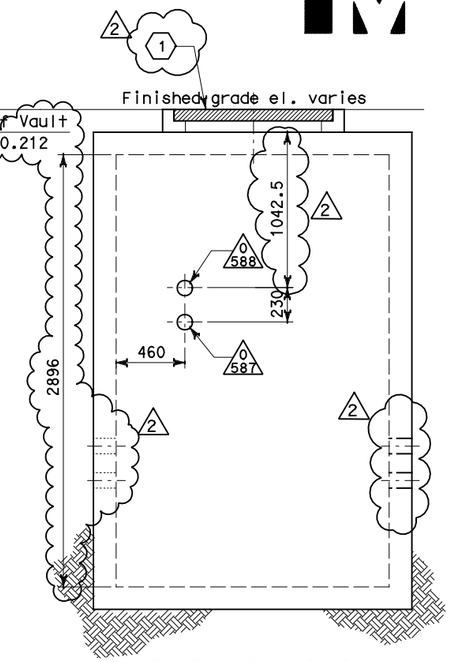
PLAN-MANHOLE-26
SCALE: 1:20 (12.47 kV)



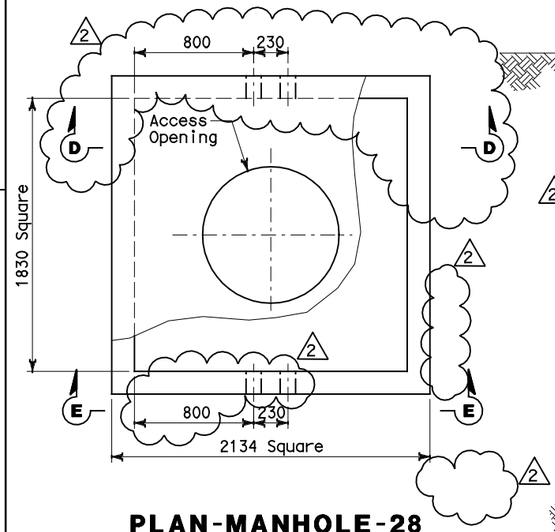
SECTION A-A
SCALE: 1:20



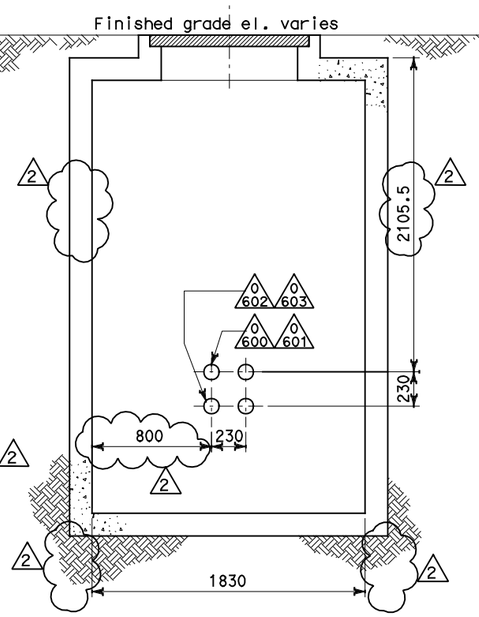
SECTION B-B
SCALE: 1:20



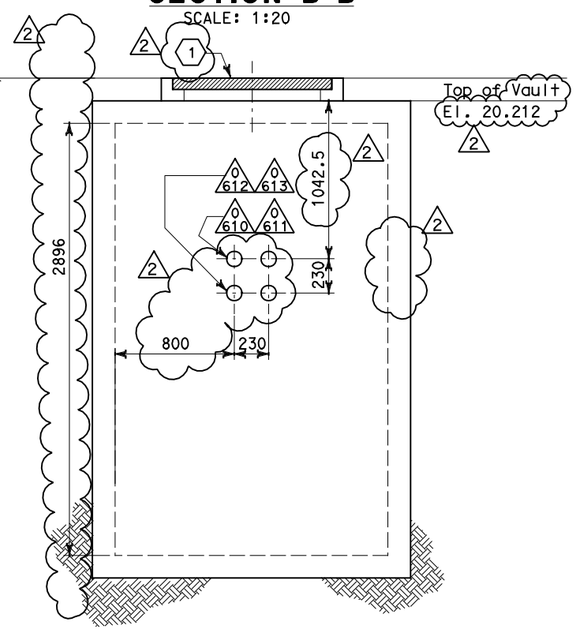
SECTION C-C
SCALE: 1:20



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



SECTION D-D
SCALE: 1:20



SECTION E-E
SCALE: 1:20

NOTES:

1. References:
   - For duct banks and manhole plan, see sheet E-11.
   - For typical manhole and duct bank details, see sheet E-17.
   - For duct bank sections, see sheets E-19 (2) E-19A and E-23.
   - 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) Approximate distance of manhole necking or riser is from the finished grade and top of manhole. Maximum length of manhole necking or riser shall be 914 mm.

(2) Not in contract. (Work included on contract 04-120P4).

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

FOR REVISION ONLY (2)

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
(2)	07/20/11	W2 DUCT BANKS REINFORCEMENT	TW	RG	205
(1)	1/10/06	Revised Manhole detail	CR	JE	11
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
		REVISIONS			

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF_____

DETAILS
UNDERGROUND MANHOLE PLAN AND SECTIONS
SCALE AS NOTED

E-15

DATE	REVISED BY	DATE	REVISED BY
AB	CYF	11/01	11/01

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 20-JUL-2011
TIME PLOTTED => 14:15

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

DGN FILE =>04-0120f1_0098R02.dgn
USERNAME =>llorico

CU 04251 EA 0120F1