DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	99R3	1024

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

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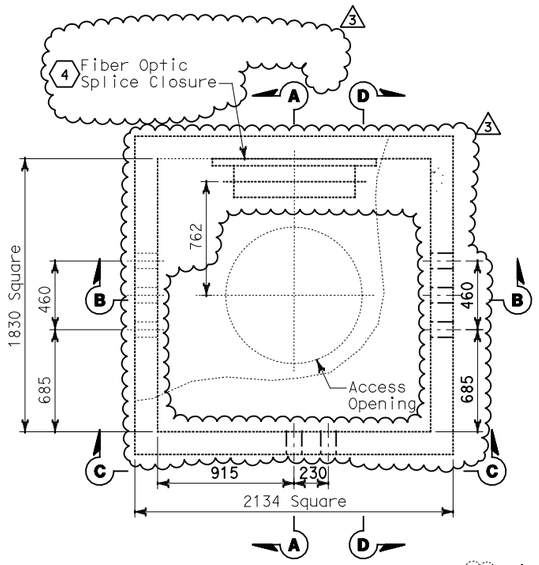
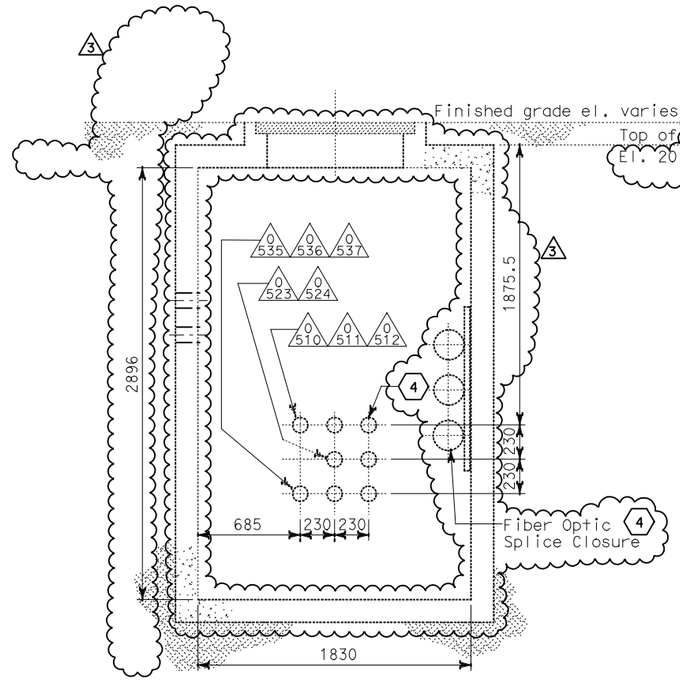
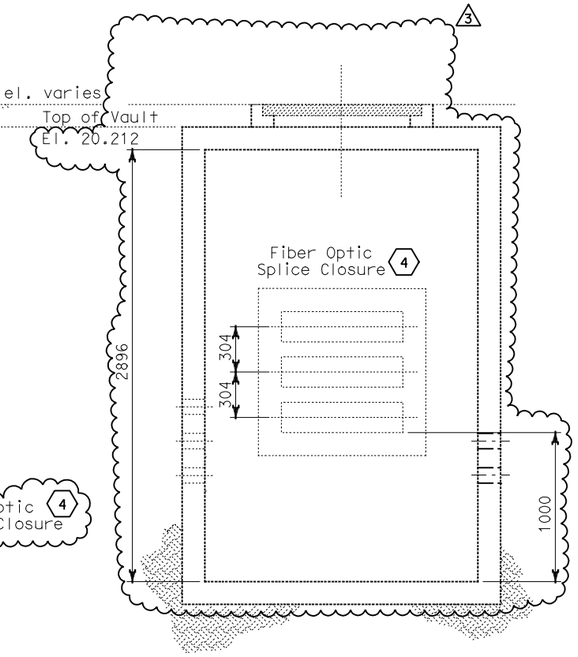


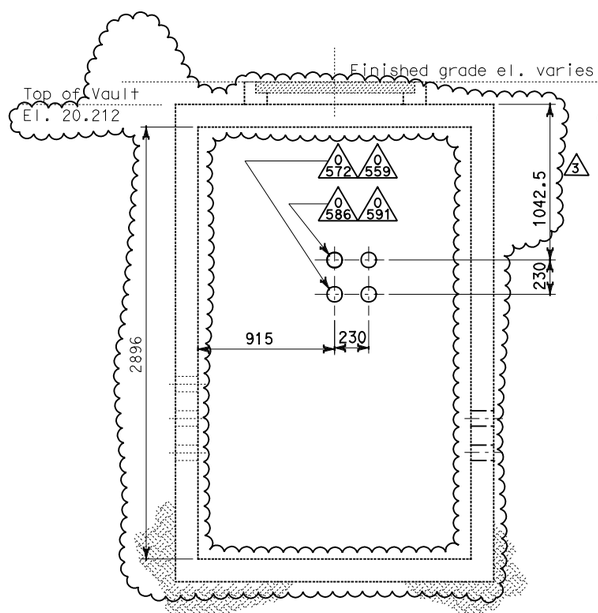
PLAN-MANHOLE-27
SCALE: 1:20 (TOS & COMMUNICATION)



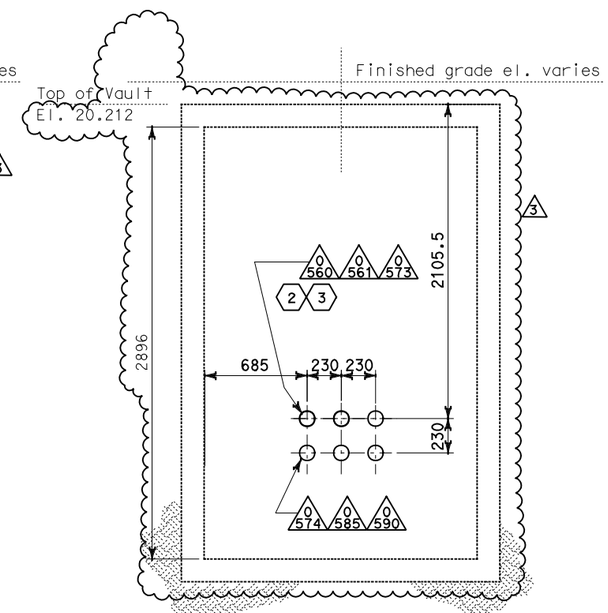
SECTION A-A
SCALE: 1:20



SECTION B-B
SCALE: 1:20



SECTION C-C
SCALE: 1:20



SECTION D-D
SCALE: 1:20

NOTES:

1. References:
   - For duct bank and manhole plan, see sheet E-11.
   - For typical duct bank and manhole details, see sheet E-17.
   - For duct bank sections, see sheets E-19, & E-19A. (3)
   - 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:

(3)

1. Deleted
2. Furnish and Install 4-25.4 mm innerducts inside TOS/COM conduit (0560).
3. Furnish and install BASE fiber optic cable in innerduct. See sheet E-1100.
4. Not in contract. (Work included on contract 04-120P4). (3)

REGISTERED PROFESSIONAL ENGINEER DAVID H. OTO No. 10699 Exp. 06/30/2013 ELECTRICAL STATE OF CALIFORNIA
FOR REVISION ONLY (3)

REGISTERED PROFESSIONAL ENGINEER SYN YEE CHIN No. 18186 Exp. 09/30/2011 ELECTRICAL STATE OF CALIFORNIA
FOR REVISION ONLY (2)

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
3	08/08/11	W2 DUCT BANKS REINFORCEMENT	TW	RG	205
2	03/01/11	BASE INTEGRATION	RSB	WB	150
1	1/10/06	Revised Manhole detail	CR	JE	11

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

DETAILS
UNDERGROUND MANHOLE PLAN AND SECTIONS
SCALE AS NOTED

E-16

DATE	REVISED BY	DATE	REVISED BY
11/04	--/--		

CALCULATED/DESIGNED BY: AB
CHECKED BY: --

DESIGN OVERSIGHT: BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 09-AUG-2011
TIME PLOTTED => 13:45

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

DGN FILE =>04-0120f1_0099R03.dgn
USERNAME =>llorico

CU 04251 | EA 0120F1