DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	96R2	1204

REGISTERED ELECTRICAL ENGINEER 12/19/02 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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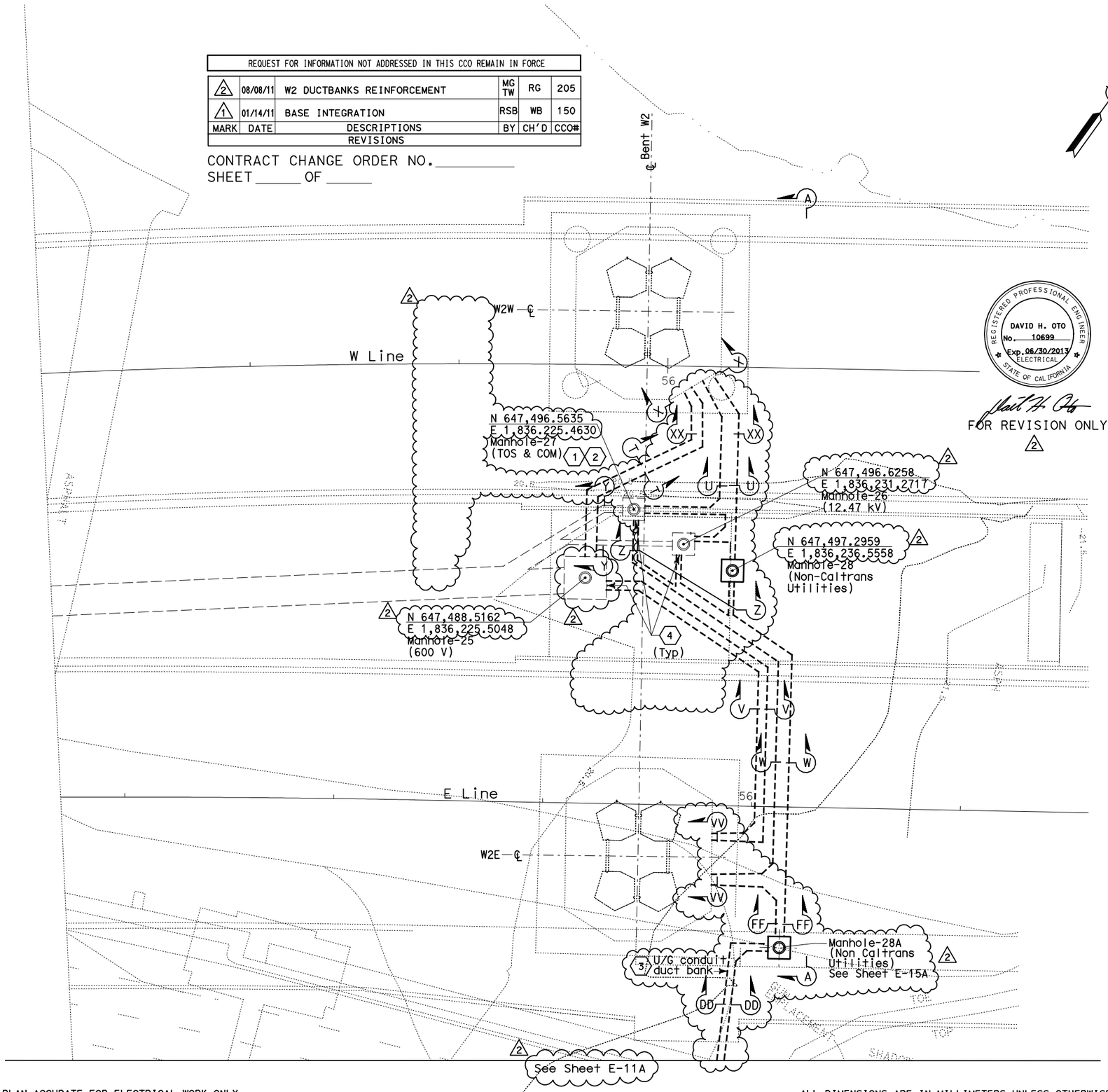
Caltrans Metric

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
2	08/08/11	W2 DUCTBANKS REINFORCEMENT	MG TW	RG	205
1	01/14/11	BASE INTEGRATION	RSB	WB	150
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
REVISIONS					

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF _____



REGISTERED PROFESSIONAL ENGINEER DAVID H. OTO No. 10699 Exp. 06/30/2013 ELECTRICAL STATE OF CALIFORNIA
FOR REVISION ONLY 2

REGISTERED PROFESSIONAL ENGINEER SYN YEE CHIN No. 18186 Exp. 09/30/2011 ELECTRICAL STATE OF CALIFORNIA
FOR REVISION ONLY 1

NOTES:

1. References:
   - For manhole plans and sections, see sheets E-14 through E-16.
   - For typical manhole and duct bank details, see sheet E-17.
   - For duct bank sections, see sheets 19, 19A, 19B and E-23. (2)
   - For pier W2W plans and sections, see sheet E-20.
   - For pier W2E plans and sections, see sheet E-21.
   - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
   - (2) Underground conduit duct bank shall be provided with additional reinforcement. For details, see sheet U-4, E-19C and E-19D.
2. For other related work, not shown on this sheet, see Electrical Special Provisions.
3. For location of manholes, see utility sheets.
4. For duct bank anchors on slopes, see utility sheets.
5. (2) Refer to Utility Duct Bank Profile and Details, see sheet E-23.

SHEET NOTES:

(1) Furnish and install 4-25.4 mm innerducts inside TOS/COM conduit (0560) from MH-27 to Bent W2.

(2) Furnish and install BASE fiber optic cable in innerduct. See sheet E-1100.

(2) (3) The conduits exiting from the west wall of manhole MH-28A down to (E) AT&T Hut manhole shall be rigid pvc,schedule 40. Conduit 90 degree bends, risers or exposed to grade shall be rigid steel conduit.

(4) The Contractor shall verify existing and the provisions for conduit entry to manhole. See sheet E-17.

UNDERGROUND
DUCT BANKS AND MANHOLES
SCALE 1:200

E-11

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_0096R02.dgn
USERNAME =>llorico

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

LAST REVISION 00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT

CALCULATED/DESIGNED BY
CHECKED BY

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