

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN OVERSIGHT
 BEHZAD GOLEHAMMADI
 CALCULATED/DESIGNED BY FK EDC
 CHECKED BY
 DATE REVISIONS
 DATE REVISIONS

DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9		270 R2	1204

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

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

12/19/02
 REGISTERED ELECTRICAL ENGINEER DATE

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REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

2	12/02/09	TOWER UTILITY PANELS	TW	RG	FW	70
1	02/19/08	ELECTRICAL MODIFICATIONS	MP	EL	RR	42
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#	
REVISIONS						

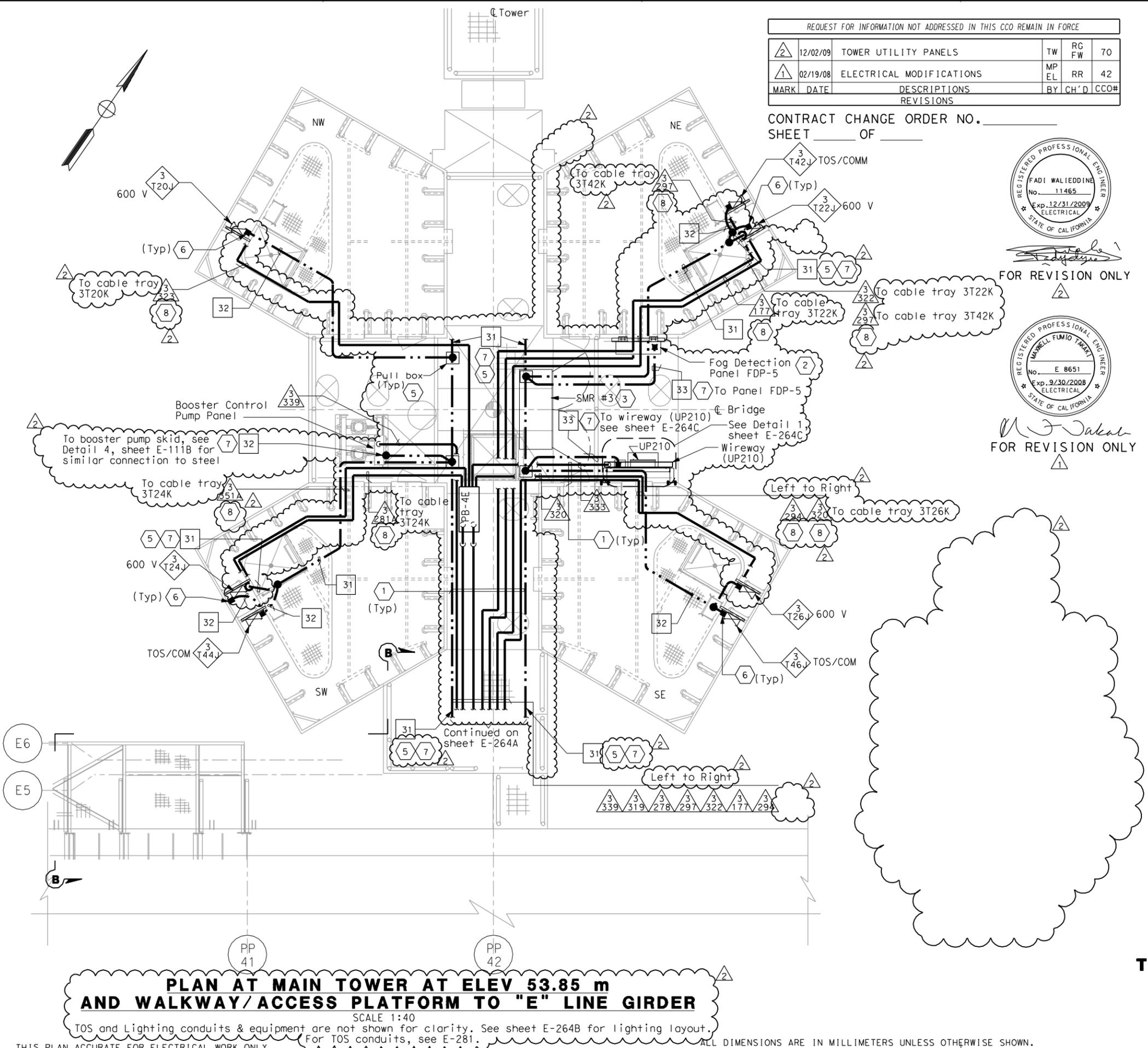
CONTRACT CHANGE ORDER NO. _____
 SHEET _____ OF _____



FOR REVISION ONLY



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SHEET NOTES:

- 1 All conduits which thereafter cross the access walkways shall be raised to a level of at least 2438 above the grating to pass overhead, allowing free walkways on the remaining three quadrants of the platform. Door on north face of SE tower shaft shall remain accessible.
- 2 For FDP-5 location, conduit route and mounting details, see sheets E-293 and AS-13E.
- 3 For SMR #3 location, conduit route and mounting details, see sheets E-366 and E-264E.
- 4 Deleted.
- 5 For Pull Box and grounding installation and additional details, see Detail 8, sheet E-111A.
- 6 For cable tray bonding, see Details 4 & 5, sheet E-111B.
- 7 Ground conductor shall be protected from damage when exposed outside the structures. Route ground cable in liquidtight flexible metal conduit (LFMC) for protection.
- 8 Conduits are at El. 56.422 and connected to 600 V cable tray at this elevation inside respective tower shaft.

NOTES:

1. References:
 - For typical conduit installation details, see sheet E-268.
 - For utility panel UP-210 schedule, see sheet E-278.
 - For types of pull boxes, splice boxes and enclosures, see sheets E-83 and E-169.
 - For conduit and cable tray schedules, see sheets starting at E-401.
2. Electrical conduits shall enter the tower shafts between stiffeners A3 and A4 only for conduits going up or down inside the tower shafts between C1 and C2 only. For conduit entry details, see Structural Utility drawings.
3. All conduits and fittings routed exposed at grating shall be rigid galvanized steel, PVC coated.
4. For lighting installation and details, see sheet E-264B and E-264C
5. For other related work not shown on this sheet, see Electrical Special Provisions.
6. For Section B-B, see sheet E-264A
7. Typical conduit installation. See Detail 8, sheet E-268.

**DETAILS
 TOWER AND SUSPENSION CABLE
 TOWER POWER AND LIGHTING**
 SCALE AS NOTED

E-264

**PLAN AT MAIN TOWER AT ELEV 53.85 m
 AND WALKWAY/ACCESS PLATFORM TO "E" LINE GIRDER**
 SCALE 1:40

TOS and Lighting conduits & equipment are not shown for clarity. See sheet E-264B for lighting layout.
 For TOS conduits, see E-281.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.



DATE PLOTTED => 12/10/2009
 TIME PLOTTED => 3:25:08 PM
 LAST REVISION
 00-00-00