

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

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
2	12/11/09	TOWER UTILITY PANELS	JS TW	RG FW	70
1	02/19/08	ELECTRICAL MODIFICATIONS	MP EL	RR RR	42



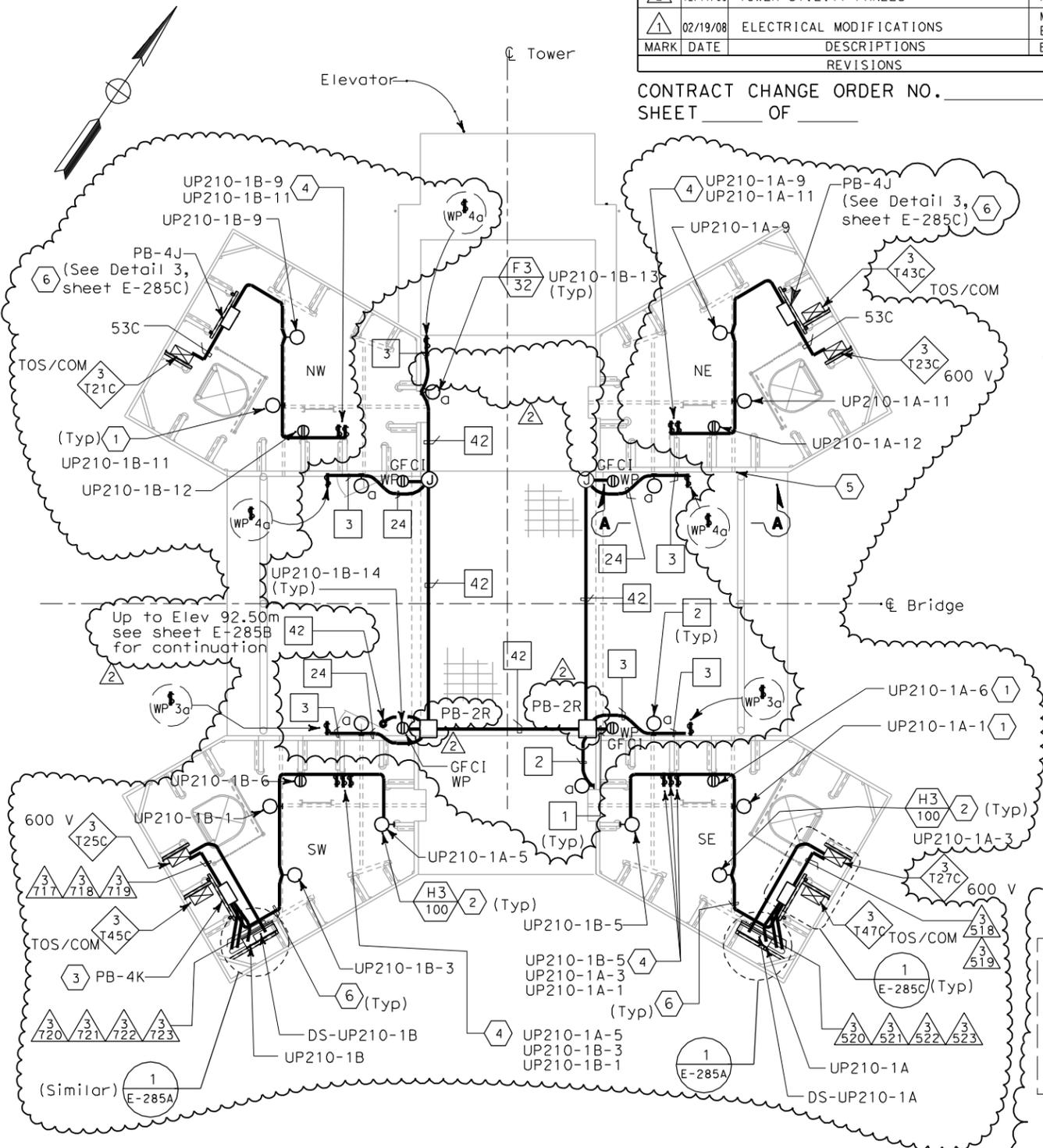
DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9		288 R2	1204

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

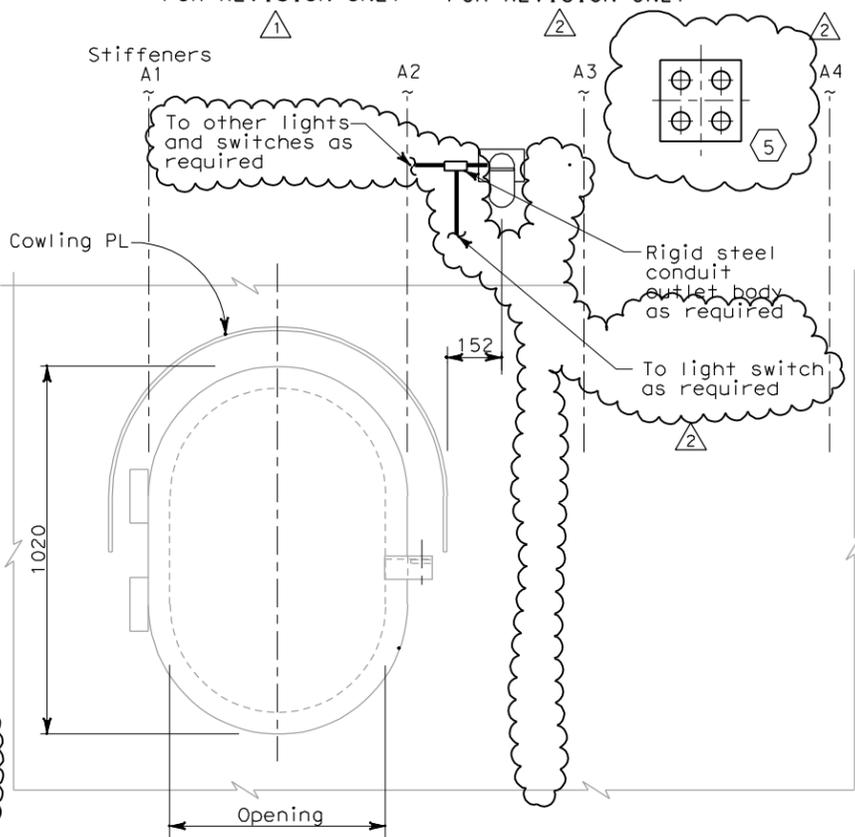
12-6-04
 PLANS APPROVAL DATE

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

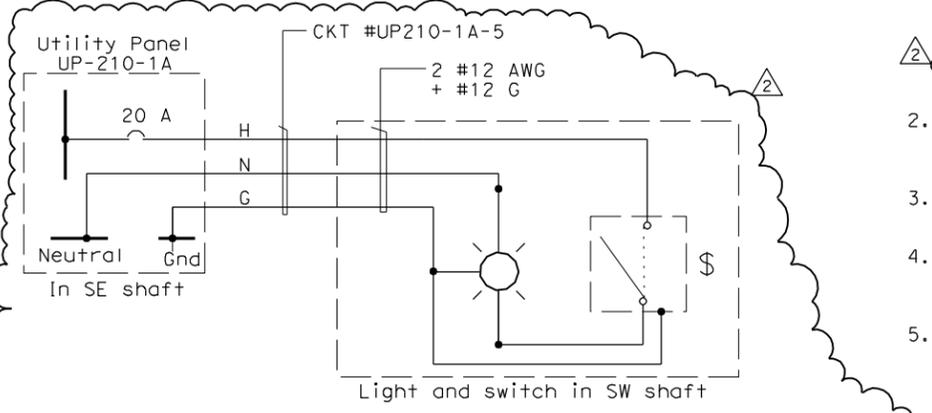
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 Caltrans now has a web site! To get to the web site, go to <http://www.dot.ca.gov>



PLAN AT ELEVATION 89.85 m
 SCALE: 1:40



SECTION A-A ACCESS OPENING DOOR
 NO SCALE



120 V ELECTRICAL EQUIPMENT TASK LIGHTING WIRING DIAGRAM

(Shown for circuit #UP210-1A-5 only, light in SE shaft is similar, but fed from UP-210-1B-5 in the SW shaft)

- SHEET NOTES:**
- For tower shaft ladder and platform lighting and power layout, see section B-B on sheet E-284 & E-284A.
 - Light shown mounted under ceiling.
 - For shaft lighting and receptacle distribution box details, see Detail 1, Sheet E-285C.
 - Multiple switches at certain elevations. See sheets E-284 and E-284A and Detail 8 sheet E-268
 - See sheet E-285B for penetration doubler plate schedule and details.
 - Numbers and sizes of conduits are field route to lights, receptacles and switches. See sheets E-284 and E-284A for conduit information.

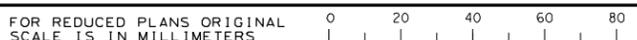
- NOTES:**
- References:
 - For typical conduit installation details, see sheet E-268.
 - For utility panel UP-210-1A and UP-210-1B panel schedules, see sheets E-279 and E-280.
 - For types of pull boxes, splice boxes and enclosures, see sheets E-83 and E-169.
 - For conduit and cable tray schedules, see sheets starting at E-401.
 - For lighting installation details, see sheet E-267.
 - For lighting fixture schedule, see sheet E-273.
 - All conduits and fittings routed exposed at grating shall be rigid galvanized steel, PVC coated.
 - Fixture mounting height elevation shall be 2.125 m above floor/platform elevation UNO.
 - Electrical conduits shall enter the tower shafts between stiffeners A3 and A4 only. For conduit entry details, see Structural Utility drawings.
 - For other related work not shown on this sheet, see Electrical Special Provisions.

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

E-285

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN



DATE PLOTTED => 12/10/2009
 TIME PLOTTED => 4:01:28 PM
 LAST REVISION => 00-00-00