DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	279 R1	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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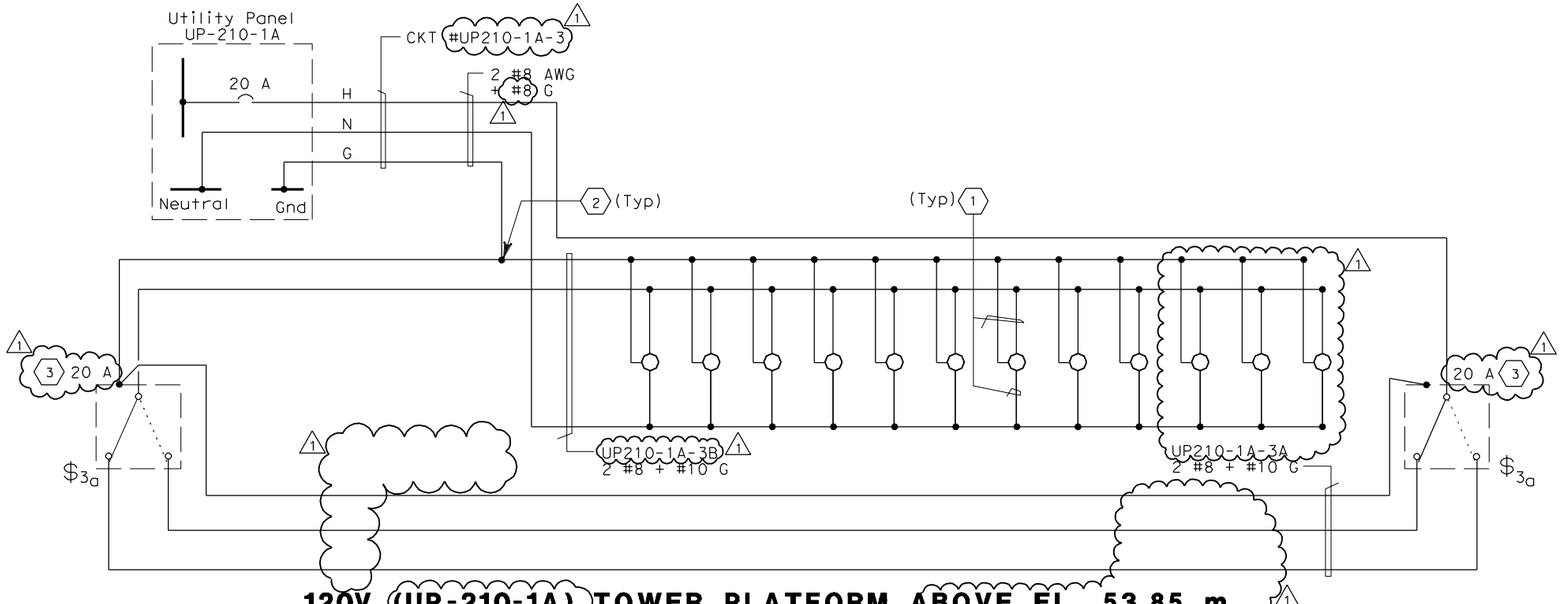

120V (UP-210-1A) TOWER PLATFORM ABOVE EL. 53.85 m LIGHTING SCHEMATIC DIAGRAM - SE, NE DIAPHRAGM

(SHOWN FOR CIRCUIT #UP210-1A-3 ONLY
SEE TABLE 1 AND TABLE 2 FOR OTHER CIRCUITS)

TABLE 1 (SE DIAPHRAGM)

Location At Tower Grating Elevation	Lighting At SE Tower Diaphragm CKT. Number	3-Way Switches CKT. Number	Receptacle CKT. Number
Elev 53.0	UP210-1A-3	UP210-1A-3	
Elev 56.0	UP210-1A-3		UP210-1A-4
Elev 59.0	UP210-1A-3		
Elev 62.0	UP210-1A-3		
Elev 65.0	UP210-1A-3		UP210-1A-4
Elev 68.0	UP210-1A-3		
Elev 71.0	UP210-1A-3		UP210-1A-4
Elev 74.0	UP210-1A-3		
Elev 77.0	UP210-1A-3		UP210-1A-4
Elev 80.75	UP210-1A-3		UP210-1A-4
Elev 85.25	UP210-1A-3		
Elev 89.0	UP210-1A-3	UP210-1A-3	
	UP210-1A-5 (SW)	UP210-1A-5 (SW)	UP210-1A-6
	UP210-1A-1	UP210-1A-1	
Elev 92.5	UP210-1A-1		
Elev 95.5	UP210-1A-1		
Elev 99.0	UP210-1A-1		UP210-1A-6
Elev 102.5	UP210-1A-1		
Elev 105.5	UP210-1A-1		UP210-1A-6
Elev 109.0	UP210-1A-1		
Elev 111.67	UP210-1A-1		
Elev 116.33	UP210-1A-1		UP210-1A-6
Elev 119.0	UP210-1A-1		
Elev 123.0	UP210-1A-1		
Elev127.0	UP210-1A-1		
Elev131.0	UP210-1A-1		
Elev135.0	UP210-1A-1		
Elev139.0	UP210-1A-1	UP210-1A-1	UP210-1A-6

TABLE 2 (NE DIAPHRAGM)

Location At Tower Grating Elevation	Lighting At NE Tower Diaphragm CKT. Number	3-Way Switches CKT. Number	Receptacle CKT. Number
Elev 53.0	UP210-1A-9	UP210-1A-9	
Elev 56.0	UP210-1A-9		UP210-1A-10
Elev 59.0	UP210-1A-9		
Elev 62.0	UP210-1A-9		
Elev 65.0	UP210-1A-9		UP210-1A-10
Elev 68.0	UP210-1A-9		
Elev 71.0	UP210-1A-9		UP210-1A-10
Elev 74.0	UP210-1A-9		
Elev 77.0	UP210-1A-9		UP210-1A-10
Elev 80.75	UP210-1A-9		UP210-1A-10
Elev 85.25	UP210-1A-9		
Elev 89.0	UP210-1A-9	UP210-1A-9	
	UP210-1A-11	UP210-1A-11	UP210-1A-12
Elev 92.5	UP210-1A-11		
Elev 95.5	UP210-1A-11		
Elev 99.0	UP210-1A-11		UP210-1A-12
Elev 102.5	UP210-1A-11		
Elev 105.5	UP210-1A-11		UP210-1A-12
Elev 109.0	UP210-1A-11		
Elev 111.67	UP210-1A-11		
Elev 116.33	UP210-1A-11		UP210-1A-12
Elev 119.0	UP210-1A-11		
Elev 123.0	UP210-1A-11		
Elev127.0	UP210-1A-11		
Elev131.0	UP210-1A-11		
Elev135.0	UP210-1A-11		
Elev139.0	UP210-1A-11	UP210-1A-11	UP210-1A-12

SHEET NOTES:

1. 2 #10, 1#10 G AWG single conductors.
2. Conductors to be spliced.
3. Light switch shall be rated 30 A for CKT #UP210-1A-1 and CKT #UP210-1A-11.

NOTES:

1. References:
   - For utility panel schedule, see sheet E-279.
   - For circuit, conduit and cable tray schedules, see sheets starting at E-401.
   - For typical tower ladder platform ~~lighting~~ and power plans, see sheets E-284 & E-284A.

REGISTERED PROFESSIONAL ENGINEER FADI WALIEDDINE No. 11465 Exp. 12/31/2009 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	09/18/09	TOWER UTILITY PANELS	JS TW	RG FW	70

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF_____

DETAILS
TOWER AND SUSPENSION CABLE 120 V PIER LIGHTING WIRING DIAGRAM
NO SCALE

E-274

DATE	REVISED BY	DATE	REVISED
10/01	FK	11/01	EDC

CALCULATED/DESIGNED BY — CHECKED BY

DESIGN OVERSIGHT — BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00 — DATE PLOTTED => 12/10/2009 TIME PLOTTED => 3:29:53 PM

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

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