DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	288 S2	1204

REGISTERED ELECTRICAL ENGINEER DATE

PLANS APPROVAL DATE

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

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

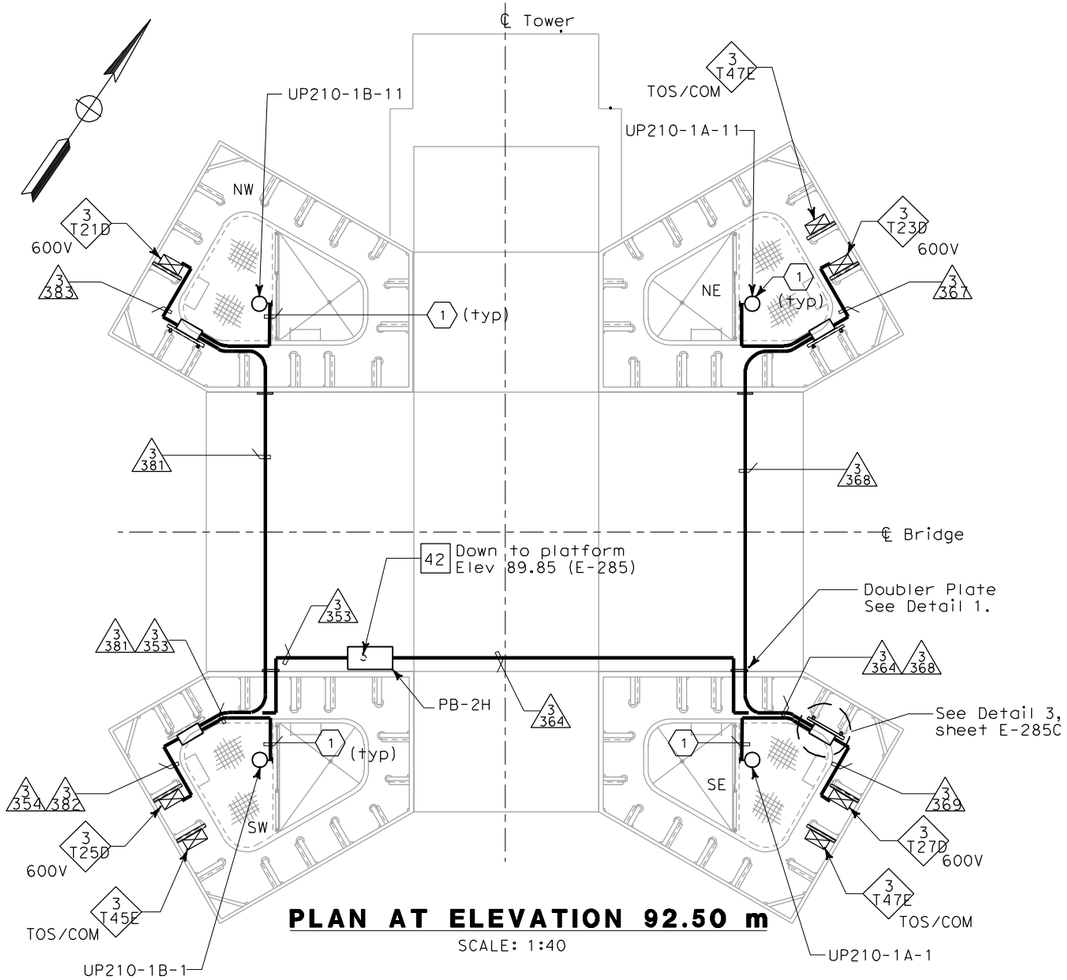
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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

Caltrans Metric

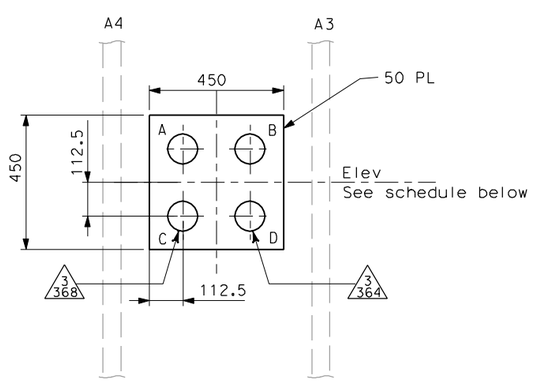
SHEET NOTE:

(1) Numbers and sizes of conduits are field route to lights, receptacles and switches. See sheets E-284 and E-284A for conduit information.



PLAN AT ELEVATION 92.50 m

SCALE: 1:40



DETAIL 1

TYPICAL DOUBLER PLATE DETAIL

NO SCALE

SE Elev shown, stiffener location shown as viewed from outside shaft, similar for NW shaft & opposite hand for SW & NE shafts

TOWER SHAFT SKIN PENETRATION DOUBLER PLATE SCHEDULE

Shaft	Elev (m)	Hole Size (mm)			
		A	B	C	D
NW (W)	11.975	100_S	100_S	51	100_S
NW (W)	16.625	100_S	100_S	100_S	100_S
NW (W)	56.632	100_S	76	100_S	100
NW (W)	92.860	100_S	100_S	100_S	100
NW (W)	129.500	100_S	100_S	100_S	100_S
NW (W)	144.540	100_S	100_S	100_S	100
NE (N)	7.000	100_S	100	100_S	51
NE (N)	11.975	100_S	64	100_S	100_S
NE (N)	13.500	64	100_S	64	78
NE (N)	16.065	100_S	100_S	100_S	100_S
NE (N)	16.625	51	51	100	100
NE (N)	56.422	100_S	76	100_S	100_S
NE (N)	56.977	64	100	76	51
NE (N)	57.622	100	100	51	64
NE (N)	92.860	100_S	100_S	100_S	100
NE (N)	129.500	100_S	100_S	100_S	100_S
NE (N)	144.540	100_S	100_S	100	100_S
SE (E)	11.975	100_S	64	64	100
SE (E)	16.625	100_S	100_S	100_S	100_S
SE (E)	56.422	76	76	64	100
SE (E)	56.972	100_S	100_S	100	64
SE (E)	57.622	64	100_S	64	100_S
SE (E)	92.860	100_S	100_S	100	100
SE (E)	93.400	100_S	64	100_S	64
SE (E)	129.500	100_S	100_S	100_S	100_S
SE (E) *	144.540	64	100_S	64	100_S
SE (E)	144.540	100	100_S	64	76
SW (S)	7.000	100_S	78_S	100_S	100_S
SW (S)	11.975	100_S	100_S	100_S	64
SW (S)	13.500	100_S	78	100_S	100_S
SW (S)	16.625	100_S	51	100_S	100_S
SW (S)	56.542	100	76	100	100
SW (S)	57.082	100	76	51	100_S
SW (S)	57.622	100_S	100_S	100_S	100_S
SW (S)	92.860	100	100_S	100	100_S
SW (S)	93.400	100_S	100_S	100_S	100_S
SW (S)	129.500	100_S	100_S	100_S	100_S
SW (S) *	144.540	100_S	100_S	100_S	100_S
SW (S)	144.540	100_S	100	76	76

Note: 100_S represents a spare penetration.

* Doubler plates are all between stiffeners A3 & A4, except one plate in each of SE & SW shafts at elevation 144.540, which is between A1 & A2, shown with asterisk in table.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
0	12/11/09	TOWER UTILITY PANELS	JS TW	RG FW	70
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
REVISIONS					

CONTRACT CHANGE ORDER NO._____

SHEET_____ OF_____

DETAILS
TOWER AND SUSPENSION CABLE TOWER POWER AND LIGHTING

SCALE: AS NOTED

E-285B

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

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

DGN FILE =>T:\13103\MS\pse\SAS Struc\CCO\SAS CC070\2009-12-02 issued for Submittal\04-0120f1_0288S02.dgn
USERNAME =>llorico

CU 04251 EA 0120F1

LAST REVISION 00-00-00 DATE PLOTTED => 12/15/2009 TIME PLOTTED => 1:01:10 PM

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

DESIGN OVERSIGHT BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY FK DATE 10/01 REVISED BY
CHECKED BY EDC 11/01 DATE REVISED