DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	385R1	1204

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	02/19/08	ELECTRICAL MODIFICATIONS	MP EL	RR	42

REVISIONS

CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

REGISTERED PROFESSIONAL ENGINEER MAXWELL FUMIO TAKAKI No. E 8651 Exp. 9/30/2008 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY

Caltrans Metric

Jens Erlingsson 12/19/02
REGISTERED ELECTRICAL ENGINEER DATE

REGISTERED PROFESSIONAL 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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CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
3459	E-264	41	RGS-PVC coated conduit	102.61	534.55	Pull rope	Soft-Fiber Polyester
						UP210-9	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
3459A	E-265	41					
3464	E-285	53	RGS-PVC coated conduit	145.44	879.42	UP210-1A-14	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1A-13	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
3464A	E-286	53					
3500	E-284, E-274	53	RGS-PVC coated conduit	471.09	879.42	UP210-1A-1	3 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-1C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1A-2	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
3501	E-282	53	RGS-PVC coated conduit	567.32	879.42	UP210-1A-1A	3 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-2	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1A-1C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3502	E-284, E-274	78	RGS-PVC coated conduit	520.30	1935.24	UP210-1A-1B	3 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-2	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1A-1C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3503	E-284, E-274	53	RGS-PVC coated conduit	808.99	879.42	Pull rope	Soft-Fiber Polyester
						UP210-1A-3C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-3	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-4	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
3504	E-282, E-284, E-285	53	RGS-PVC coated conduit	520.30	879.42	UP210-1A-3C	3 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1A-3A	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-4	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
3505	E-284, E-274	53	RGS-PVC coated conduit	352.55	879.42	UP210-1A-4	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1A-3C	3 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1A-3B	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
3506	E-284, E-274	53	RGS-PVC coated conduit	241.67	879.42	UP210-1A-5	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-5C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-6	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
3507	E-284, E-274	53	RGS-PVC coated conduit	241.67	879.42	UP210-1A-6	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1A-5A	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-5C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
3508	E-284, E-274	53	RGS-PVC coated conduit	241.67	879.42	UP210-1A-5B	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-5C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-6	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
3600	E-284, E-274	53	RGS-PVC coated conduit	387.11	879.42	UP210-1A-7	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-7C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1A-8	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
3601	E-284, E-274	53	RGS-PVC coated conduit	483.34	879.42	UP210-1A-7C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-7A	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-8	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
3602	E-284, E-274	78	RGS-PVC coated conduit	436.32	1935.24	UP210-1A-8	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1A-7B	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-7C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3603	E-284	53	RGS-PVC coated conduit	725.01	879.42	UP210-1A-10	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1A-9C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1A-9	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
3604	E-284, E-285	78	RGS-PVC coated conduit	436.32	1935.24	Pull rope	Soft-Fiber Polyester
						UP210-1A-9C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-9A	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-10	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
3605	E-284, E-274	53	RGS-PVC coated conduit	337.90	879.42	UP210-1A-10	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1A-9B	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-9C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3606	E-284, E-274	53	RGS-PVC coated conduit	241.67	879.42	UP210-1A-12	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1A-11	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-11C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
3607	E-284, E-274	53	RGS-PVC coated conduit	241.67	879.42	UP210-1A-11A	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-11C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-12	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
3608	E-284, E-274	53	RGS-PVC coated conduit	241.67	879.42	UP210-1A-12	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1A-11B	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1A-11C	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
3700	E-284, E-275	53	RGS-PVC coated conduit	387.11	879.42	UP210-1B-1	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1B-2	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3701	E-284	53	RGS-PVC coated conduit	483.34	879.42	UP210-1B-1A	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1B-2	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-430

REVISED BY	DATE REVISED
PBP	8/02

CALCULATED/DESIGNED BY	CHECKED BY
AB	

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

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DATE PLOTTED => 4/4/2008
TIME PLOTTED => 5:11:10 PM

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

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