DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	383R1	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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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 TAKATA No. E 8651 Exp. 9/30/2008 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
3339	E-264, E-264A	78	RGS-PVC coated conduit	1043.76	1935.24	2125	3+1 gnd, #250 kcmil, #1/0,600 V,EPR insulation
3345	E-264	53	RGS-PVC coated conduit	454.92	879.42	Pull rope	Soft-Fiber Polyester
						UP210-10	1-2/C + gnd #8,600 V, EPR insulation
						UP210-11	1-2/C + gnd #8,600 V, EPR insulation
3348	E-264A, E-281	41	RGS-PVC coated conduit	300.88	534.55	MVDSE02A	MVDS DLC
						MVDSW03A	MVDS DLC
3349	E-264A, E-281	41	RGS-PVC coated conduit	173.82	534.55	CCTVE01BC	TVC
						CCTVE01BD	TVL
1 3349C	E-281	41	RGS-PVC coated conduit	173.82	534.55	CCTVE01BC	TVC
						CCTVE01BD	TVL
3350	E-285	78	RGS-PVC coated conduit	2093.43	2564.19	2123-3	1-3/C + gnd #2/0,600 V, EPR insulation
						UP210-1B-14	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1B-13	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
3351	E-285	53	RGS-PVC coated conduit	882.89	879.42	Pull rope	Soft-Fiber Polyester
						2123-3	1-3/C + gnd #2/0,600 V, EPR insulation
1 3351A	E-264	53	RGS-PVC coated conduit	882.89	879.42	Pull rope	Soft-Fiber Polyester
						2123-3	1-3/C + gnd #2/0,600 V, EPR insulation
3353	E-285	78	RGS-PVC coated conduit	436.32	1935.24	UP210-1B-12	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1B-10	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1B-8	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
3354	E-285	78	RGS-PVC coated conduit	436.32	1935.24	UP210-1B-11	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1B-7	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1B-9	2 + 1 gnd #8,#10, 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
3357	E-285	78	RGS-PVC coated conduit	436.32	1935.24	UP210-1B-5	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1B-1	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
						UP210-1B-3	2 + 1 gnd #8,#10, 600 V, RHH/RHW insulation
3358	E-285	78	RGS-PVC coated conduit	436.32	1935.24	UP210-1B-2	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1B-6	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						UP210-1B-4	2 + 1 gnd #12,#12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3359	E-264A,E-281	41	RGS-PVC coated conduit	173.82	534.55	CCTVE01AC	TVC
						CCTVE01AD	TVL
1 3359C	E-281	41	RGS-PVC coated conduit	173.82	534.55	CCTVE01AC	TVC
						CCTVE01AD	TVL
3362	E-285	78	RGS-PVC coated conduit	2081.18	2564.19	2123-2	1-3/C + gnd #2/0,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
3364	E-285, E-264	53	RGS-PVC coated conduit	979.12	879.42	2123-2	1-3/C + gnd #2/0,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
1 3364A	E-264	53	RGS-PVC coated conduit	979.12	879.42	2123-2	1-3/C + gnd #2/0,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-428

DATE	BY	REVISED
8/02	AB	

DESIGN OVERSIGHT: BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY: PBP
CHECKED BY: AB

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 4/4/2008
TIME PLOTTED => 5:09:10 PM