DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	392R1	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

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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CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
4433	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4434	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4435	E-119	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4436	E-98	53	RGS conduit	324.29	879.42	Pull rope	Soft-Fiber Polyester
						A-1012-2	1-3/C + gnd #6, 600 V, EPR insulation
4441	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4442	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4443	E-99	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4444	E-99	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4445	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4446	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4447	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4448	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4449	E-98	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4450	E-98	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4451	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4452	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4453	E-99	41	RGS conduit	440.31	534.55	Pull rope	Soft-Fiber Polyester
						UP108-2A	1-2/C + gnd #8, 600 V, EPR insulation
						A-3006-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
4454	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4455	E-99	53	RGS conduit	593.56	879.42	UP108-2A	1-2/C + gnd #8, 600 V, EPR insulation
						A-3006-1	1-3/C + gnd #4, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
4456	E-99	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4457	E-99	41	RGS conduit	98.10	534.55	Pull rope	Soft-Fiber Polyester
						1144	1 - 2 pair, shielded #18 with IS/OA , 300 V, PVC jacket
4458	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4459	E-99	41	RGS conduit	227.46	534.55	Pull rope	Soft-Fiber Polyester
						UP108-4A	1-2/C + gnd #8, 600 V, EPR insulation
4460	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4461	E-99	53	RGS conduit	227.46	879.42	Pull rope	Soft-Fiber Polyester
						UP108-4A	1-2/C + gnd #8, 600 V, EPR insulation
4462	E-99	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4463	E-99	41	RGS conduit	98.10	534.55	1145	1 - 2 pair, shielded #18 with IS/OA , 300 V, PVC jacket
						Pull rope	Soft-Fiber Polyester
4464	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4465	E-99	78	RGS conduit	648.58	1935.24	A-1013-2	1-3/C + gnd #6, 600 V, EPR insulation
						A-1013-2	1-3/C + gnd #6, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
4466	E-119	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4471	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4472	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4473	E-99	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4474	E-99	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
4475	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4476	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4477	E-99	41	RGS conduit	227.46	534.55	UP107-3	1-2/C + gnd #8, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
4478	E-99	41	RGS conduit	126.88	534.55	Pull rope	Soft-Fiber Polyester
						UP207-1	1-2/C + gnd #10, 600 V, EPR insulation
4479	E-99	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4480	E-99	53	RGS conduit	126.88	879.42	UP207-1	1-2/C + gnd #10, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
4481	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4482	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4483	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4484	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4485	E-99	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4486	E-99	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4487	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4488	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4489	E-99	41	RGS conduit	0.00 1	534.55	Pull rope	Soft-Fiber Polyester 1
4490	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4491	E-99	53	RGS conduit	690.39	879.42	S-1031-3	1-3/C + gnd #4, 600 V, EPR insulation
						A-1035-3	1-3/C + gnd #6, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
4492	E-99	53	RGS conduit	481.21 1	879.42	Pull rope	Soft-Fiber Polyester
						A-1035-4	3 + 1 gnd #6, #8, 600 V, RHH/RHW insulation
						S-1031-4	3 + 1 gnd #4, #8, 600 V, RHH/RHW insulation 1
4493	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4494	E-99	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4501	E-101	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4502	E-101	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4503	E-101	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4504	E-101	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-437

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY PBP
CHECKED BY AB
DATE 8/02
REVISED BY
DATE REVISED

LAST REVISION 00-00-00
DATE PLOTTED => 4/4/2008
TIME PLOTTED => 5:11:58 PM