DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	391 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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Caltrans Metric

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	03/04/08	BARRIER MODIFICATIONS	TW	RG	44

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF _____

FOR REVISION ONLY

REGISTERED PROFESSIONAL ENGINEER S. A. ESTOQUE, JR. No. E-10151 Exp. 12/31/2008 ELECTRICAL STATE OF CALIFORNIA

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
4369	E-97	41	RGS conduit	126.88	534.55	UP105-3	1-2/C + gnd #10,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
4370	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4371	E-97	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4372	E-97	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4373	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4374	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4376	E-97	53	RGS conduit	324.29	879.42	A-1011-2	1-3/C + gnd #6,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
4377	E-97	53	RGS conduit	648.58	879.42	A-1012-2	1-3/C + gnd #6,600 V, EPR insulation
						A-1012-2	1-3/C + gnd #6,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
4378	E-126	103	RGS conduit	2780.99	3324.51	1391	3-1/C #4/0 + 1/C #1/0 gnd, 15 kV, EPR insulation
						Pull rope	Soft-Fiber Polyester
4381	E-97	41	RGS conduit	324.29	534.55	A-3010-3	1-3/C #6 + gnd 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
4382	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4383	E-97	53	RGS conduit	324.29	879.42	A-3010-3	1-3/C #6 + gnd 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
4384	E-97	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4385	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4386	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4387	E-97	41	RGS conduit	440.31	534.55	A-3010-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP106-3	1-2/C + gnd #8,600 V, EPR insulation
4388	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4389	E-97	53	RGS conduit	754.64	879.42	Pull rope	Soft-Fiber Polyester
						UP106-3	1-2/C + gnd #8,600 V, EPR insulation
						A-3010-1	1-3/C + gnd #2,600 V, EPR insulation
4390	E-97	53	RGS conduit	324.29	879.42	Pull rope	Soft-Fiber Polyester
						A-3010-3	1-3/C #6 + gnd 600 V, RHH/RHW insulation
4391	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4392	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4393	E-97	41	RGS conduit	212.85	534.55	A-3004-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
4394	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4395	E-97	78	RGS conduit	754.64	1935.24	Pull rope	Soft-Fiber Polyester
						UP106-1	1-2/C + gnd #8,600 V, EPR insulation
						A-3004-1	1-3/C + gnd #2,600 V, EPR insulation
4396	E-97	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4397	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4398	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4399	E-97	41	RGS conduit	126.88	534.55	Pull rope	Soft-Fiber Polyester
						UP206-1	1-2/C + gnd #10,600 V, EPR insulation
4400	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4401	E-97	53	RGS conduit	126.88	879.42	Pull rope	Soft-Fiber Polyester
						UP206-1	1-2/C + gnd #10,600 V, EPR insulation

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
4402	E-97	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4403	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4404	E-97	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4411	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4412	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4413	E-98	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4414	E-98	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4415	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4416	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4417	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4418	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4419	E-98	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4420	E-98	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4421	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4422	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4423	E-98	41	RGS conduit	212.85	534.55	A-3005-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
4424	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4425	E-98	53	RGS conduit	527.18	879.42	A-3005-1	1-3/C + gnd #2,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
4426	E-98	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4427	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4428	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4429	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4430	E-98	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
4431	E-98	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4432	E-98	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-436

REVISED BY	DATE REVISED

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

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 5/22/2008
TIME PLOTTED => 11:15:42 AM