DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	399R1	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 MARCELL FUMIO TAKAKI No. E 8651 Exp. 9/30/2008 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY

Caltrans Metric

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm2)	Allowable Fill (mm2)	Included Cable No.	Conductor Type
5456	E-184	53	RGS conduit	366.10	879.42	A-3036-1	1-3/C + gnd #4 , 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
5457	E-184	53	RGS conduit	98.10	879.42	2149	1 - 2 pair, shielded #18 with IS/OA, 300 V, PVC jacket
						Pull rope	Soft-Fiber Polyester
5458	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5459	E-184	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5460	E-184	41	RGS conduit	227.46	534.55	Pull rope	Soft-Fiber Polyester
						UP208-2A	1-2/C + gnd #8, 600 V, EPR insulation
5461	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5462	E-184	53	RGS conduit	227.46	879.42	Pull rope	Soft-Fiber Polyester
						UP208-2A	1-2/C + gnd #8, 600 V, EPR insulation
5463	E-184	53	RGS conduit	98.10	879.42	2148	1 - 2 pair, shielded #18 with IS/OA, 300 V, PVC jacket
						Pull rope	Soft-Fiber Polyester
5464	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5465	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5466	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5471	E-184	41	RGS conduit	212.85	534.55	Pull rope	Soft-Fiber Polyester
						LP222-2,4A	3 + 1 gnd #6, #8, 600 V, RHH/RHW insulation
5472	E-184	41	RGS conduit	212.85	534.55	Pull rope	Soft-Fiber Polyester
						LP222-6,8A	3 + 1 gnd #6, #8, 600 V, RHH/RHW insulation
5473	E-184	53	RGS conduit	324.29	879.42	Pull rope	Soft-Fiber Polyester
						LP222-2,4	1-3/C + gnd #6, 600 V, EPR insulation
5474	E-184	53	RGS conduit	324.29	879.42	Pull rope	Soft-Fiber Polyester
						LP222-6,8	1-3/C + gnd #6, 600 V, EPR insulation
5475	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5476	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5477	E-184	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5478	E-184	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5479	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5480	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5481	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5482	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5483	E-184	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5484	E-184	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5485	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5486	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5487	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5488	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5489	E-184	41	RGS conduit	268.36	534.55	S-2031-4	3 + 1 gnd #4,#8, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
5490	E-184	41	RGS conduit	212.85	534.55	Pull rope	Soft-Fiber Polyester
						A-2035-4	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
5491	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5492	E-184	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
5493	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5494	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5495	E-184	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5497	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5498	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5501	E-185	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5502	E-185	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5503	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5504	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5505	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5506	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5512	E-185	41	RGS conduit	212.85	534.55	Pull rope	Soft-Fiber Polyester
						A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
5513	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5514	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5515	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5516	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5517	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5518	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5519	E-185	41	RGS conduit	212.85	534.55	S-2032-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
5520	E-185	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5521	E-185	53	RGS conduit	366.10	879.42	Pull rope	Soft-Fiber Polyester
						S-2032-1	1-3/C + gnd #4, 600 V, EPR insulation
5522	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5523	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5524	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5528	E-185	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-444

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 8/02

LAST REVISION
DATE PLOTTED => 2/19/2008

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