DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	398 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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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
5388	E-182	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5389	E-182	53	RGS conduit	851.47	879.42	A-3040-3	1-3/C + gnd #6, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
						A-3040-1	1-3/C + gnd #2, 600 V, EPR insulation
5390	E-182	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5391	E-182	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5392	E-182	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5393	E-183	41	RGS conduit	440.31	534.55	A-3034-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP106-1	1-2/C + gnd #8, 600 V, EPR insulation
5394	E-183	41	RGS conduit	425.70	534.55	Pull rope	Soft-Fiber Polyester
						LP221-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
						LP221-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
5395	E-183	78	RGS conduit	527.18	1935.24	Pull rope	Soft-Fiber Polyester
						A-3034-1	1-3/C + gnd #2, 600 V, EPR insulation
5396	E-183	53	RGS conduit	648.58	879.42	Pull rope	Soft-Fiber Polyester
						LP221-2,4	1-3/C + gnd #6 ,600 V, EPR insulation
						LP221-6,8	1-3/C + gnd #6 ,600 V, EPR insulation
5397	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5398	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5399	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5400	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5401	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5402	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5403	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5404	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5405	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5406	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5411	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5412	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5413	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5414	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5415	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5416	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5417	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5418	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5419	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5420	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5421	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5422	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5423	E-183	41	RGS conduit	212.85	534.55	Pull rope	Soft-Fiber Polyester
						A-3035-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
5424	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5425	E-183	78	RGS conduit	366.10	1935.24	A-3035-1	1-3/C + gnd #4 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
5426	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5427	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5428	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5429	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5430	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5431	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5432	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5433	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5434	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5436	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5437	E-185	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5441	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5442	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5443	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5444	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5445	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5446	E-184	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5447	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5448	E-183	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
5449	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5450	E-183	53	RGS conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
5451	E-184	53	RGS conduit	527.18	879.42	A-2013-1	1-3/C + gnd #2, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
5452	E-184	53	RGS conduit	212.85	879.42	Pull rope	Soft-Fiber Polyester
						A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
5453	E-184	53	RGS conduit	454.92	879.42	Pull rope	Soft-Fiber Polyester
						UP208-4	1-2/C + gnd #8, 600 V, EPR insulation (1)
				(1)		UP208-6	1-2/C + gnd #8, 600 V, EPR insulation
5454	E-184	53	RGS conduit	212.85	879.42	A-3036-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
					(1)		
5455	E-184	53	RGS conduit	454.92	879.42	UP208-4	1-2/C + gnd #8, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester (1)
				(1)		UP208-6	1-2/C + gnd #8, 600 V, EPR insulation

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-443

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

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

LAST REVISION 00-00-00
DATE PLOTTED => 4/18/2008
TIME PLOTTED => 1:20:20 PM

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

DGN FILE =>T:\13103\MS\pse\SAS Struc\CCO\SAS CCO44\04-0120f1_0398R01.dgn
USERNAME =>llorico

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