DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	369 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	JS BM	RG SE	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
2478	E-136	41	RGS conduit	212.85	534.55	A-2011-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2479	E-136	41	RGS conduit	212.85	534.55	A-2011-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2480	E-136	41	RGS conduit	212.85	534.55	A-2011-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2481	E-136	41	RGS conduit	274.92	534.55	1256-7	1-3/C #16 ,600 V, EPR insulation
						A-2011-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2482	E-136	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2483	E-136	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2484	E-136	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2485	E-136	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2486	E-136	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2487	E-137	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2488	E-137	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2489	E-137	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2490	E-137	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2491	E-137	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2492	E-137	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2493	E-137	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2494	E-137	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2495	E-137	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2496	E-137	41	RGS conduit	212.85	534.55	A-2012-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2497	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2498	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2499	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2511	E-135	41	RGS conduit	98.10	534.55	2155	1 - 2 pair, shielded #18 with IS/OA, 300 V, PVC jacket
						Pull rope	Soft-Fiber Polyester
2512	E-135	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2513	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2514	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2515	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2516	E-136	41	RGS conduit	1 0.00	534.55	Pull rope	Soft-Fiber Polyester 1
2517	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2518	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2519	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2520	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2521	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2522	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2523	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2524	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm2)	Allowable Fill (mm2)	Included Cable No.	Conductor Type
2525	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2526	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2527	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2528	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2529	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2530	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2531	E-140	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2532	E-186	41	RGS conduit	227.46	534.55	UP208-6	1-2/C + gnd #8,600 V, EPR insulation
2533	E-186	41	RGS conduit	98.10	534.55	2154	1 - 2 pair, shielded #18 with IS/OA, 300 V, PVC jacket
2535	E-199	78	RGS-PVC coated conduit	882.89	1935.24	1118	1-3/C + gnd #2/0,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
2536	E-199	53	RGS-PVC coated conduit	147.25	879.42	1118-2	1-3/C #14,600 V, EPR insulation
						1118-1	1-3/C #16,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
2537	E-138	41	RGS conduit	212.85	534.55	LP222-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation 1
2538	E-138	41	RGS conduit	212.85	534.55	LP222-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2539	E-138	41	RGS conduit	212.85	534.55	LP222-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2540	E-138	41	RGS conduit	212.85	534.55	LP222-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2541	E-138	41	RGS conduit	212.85	534.55	LP222-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2542	E-138	41	RGS conduit	212.85	534.55	LP222-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2543	E-138	41	RGS conduit	212.85	534.55	LP222-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2544	E-138	41	RGS conduit	212.85	534.55	LP222-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2545	E-138	41	RGS conduit	212.85	534.55	LP222-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2546	E-138	41	RGS conduit	212.85	534.55	LP222-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2547	E-139	41	RGS conduit	212.85	534.55	LP222-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2548	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2549	E-139	41	RGS conduit	212.85	534.55	LP223-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2550	E-139	41	RGS conduit	212.85	534.55	LP223-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-414

REVISED BY	DATE REVISED
PBP	8/02

CALCULATED/DESIGNED BY	CHECKED BY
AB	

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 5/22/2008
TIME PLOTTED => 11:10:49 AM

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

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