DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	370R1	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	02/19/08	ELECTRICAL MODIFICATIONS	MP EL	RR	42

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

REGISTERED PROFESSIONAL ENGINEER MARCELL FUMIO TAKART No. E 8651 Exp. 9/30/2008 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
2551	E-139	41	RGS conduit	212.85	534.55	LP223-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2552	E-139	41	RGS conduit	212.85	534.55	LP223-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2553	E-139	41	RGS conduit	212.85	534.55	LP223-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2554	E-139	41	RGS conduit	212.85	534.55	LP223-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2555	E-139	41	RGS conduit	212.85	534.55	LP223-2,4A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2556	E-139	41	RGS conduit	212.85	534.55	LP223-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2557	E-139	41	RGS conduit	212.85	534.55	LP223-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2558	E-140	41	RGS conduit	212.85	534.55	LP223-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2559	E-140	41	RGS conduit	212.85	534.55	LP223-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2560	E-140	41	RGS conduit	212.85	534.55	LP223-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2561	E-140	41	RGS conduit	212.85	534.55	LP223-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2562	E-140	41	RGS conduit	212.85	534.55	LP223-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2563	E-140	41	RGS conduit	212.85	534.55	LP223-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2611	E-135	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2612	E-135	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2613	E-135	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2614	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2615	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2616	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2617	E-136	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2618	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2619	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2620	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2621	E-137	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2622	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2623	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2624	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2625	E-138	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2626	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2627	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2628	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2629	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2630	E-139	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2631	E-140	41	RGS conduit	0.00	534.55	Pull rope	Soft-Fiber Polyester
2637	E-138	41	RGS conduit	212.85	534.55	Pull rope	Soft-Fiber Polyester
2638	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2639	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2640	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2641	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
2642	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2643	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2644	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2645	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2646	E-138	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2647	E-139	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2648	E-139	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2649	E-139	41	RGS conduit	212.85	534.55	A-2013-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2650	E-139	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2651	E-139	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2652	E-139	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2653	E-139	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2654	E-139	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2655	E-139	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2656	E-139	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2657	E-139	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2658	E-140	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2659	E-140	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2660	E-140	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2661	E-140	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2662	E-140	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2663	E-140	41	RGS conduit	212.85	534.55	A-2014-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
2664	E-135	41	RGS conduit	212.85	534.55	LP219-6,8A	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
1 ~~2757~~							
2758	E-135	41	RGS conduit, PVC Coated				
2759	E-135	41	RGS conduit	440.31	534.55	A-3031-2	3 + 1 gnd #6,#8, 600 V, RHH/RHW insulation
						UP205-6	1-2/C + gnd #8,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-415

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
DATE PLOTTED => 2/19/2008
TIME PLOTTED => 9:53:00 AM

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