DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	403 R2	1204

REGISTERED ELECTRICAL ENGINEER 12/19/02 DATE

12-6-04
PLANS APPROVAL DATE

PB POWER, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317

REGISTERED PROFESSIONAL ENGINEER JENS ERLINGSSON No. 8249 Exp. 9/30/06 ELECTRICAL STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov

Caltrans Metric

REGISTERED PROFESSIONAL ENGINEER FADI WALIEDDINE No. 11465 Exp. 12/31/2009 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY 1 2

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
2	12/22/08	SERVICE PLATFORM ELECTRICAL CHANGES	RR RY	RG MP	55
1	10/03/08	STRONG MOTION SYSTEM	RG	FW	74

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF _____

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
9060	E-366, E-367	78	RGS-PVC coated conduit	1090.66	1935.24	2900-323A	4 pair #22, shielded pairs, FEP insulation
(con't)						2900-363A	4 pair #22, shielded pairs, FEP insulation
						2900-363C	4 pair #22, shielded pairs, FEP insulation
						2900-313A	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
						2900-223B	4 pair #22, shielded pairs, FEP insulation
						2900-363B	4 pair #22, shielded pairs, FEP insulation
						2900-353F	4 pair #22, shielded pairs, FEP insulation
						2900-353E	4 pair #22, shielded pairs, FEP insulation
						2900-353D	4 pair #22, shielded pairs, FEP insulation
						2900-353C	4 pair #22, shielded pairs, FEP insulation
						2900-353B	4 pair #22, shielded pairs, FEP insulation
						2900-353A	4 pair #22, shielded pairs, FEP insulation
						2900-223C	4 pair #22, shielded pairs, FEP insulation
9061	E-367	27	RGS-PVC coated conduit	142.26	229.03	2900-313C	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
						2900-313B	4 pair #22, shielded pairs, FEP insulation
						2900-313A	4 pair #22, shielded pairs, FEP insulation
9062	E-365, E-367	78	RGS-PVC coated conduit	948.40	1935.24	Pull rope	Soft-Fiber Polyester
						2900-353B	4 pair #22, shielded pairs, FEP insulation
						2900-353C	4 pair #22, shielded pairs, FEP insulation
						2900-353D	4 pair #22, shielded pairs, FEP insulation
						2900-353F	4 pair #22, shielded pairs, FEP insulation
						2900-213B	4 pair #22, shielded pairs, FEP insulation
						2900-363C	4 pair #22, shielded pairs, FEP insulation
						2900-363B	4 pair #22, shielded pairs, FEP insulation
						2900-353E	4 pair #22, shielded pairs, FEP insulation
						2900-353A	4 pair #22, shielded pairs, FEP insulation
						2900-223C	4 pair #22, shielded pairs, FEP insulation
						2900-223B	4 pair #22, shielded pairs, FEP insulation
						2900-213C	4 pair #22, shielded pairs, FEP insulation
						2900-213A	4 pair #22, shielded pairs, FEP insulation
						2900-323E	4 pair #22, shielded pairs, FEP insulation
						2900-323D	4 pair #22, shielded pairs, FEP insulation
						2900-323C	4 pair #22, shielded pairs, FEP insulation
						2900-323B	4 pair #22, shielded pairs, FEP insulation
						2900-323A	4 pair #22, shielded pairs, FEP insulation
						2900-363A	4 pair #22, shielded pairs, FEP insulation
						2900-223A	4 pair #22, shielded pairs, FEP insulation
9064	E-367	41	RGS-PVC coated conduit	237.10	534.55	2900-323C	4 pair #22, shielded pairs, FEP insulation
						2900-323D	4 pair #22, shielded pairs, FEP insulation
						2900-323A	4 pair #22, shielded pairs, FEP insulation
						2900-323B	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
						2900-323E	4 pair #22, shielded pairs, FEP insulation
9065	E-264A, E-366	27	RGS-PVC coated conduit	47.42	229.03	Pull rope	Soft-Fiber Polyester
						2900-292A	4 pair #22, shielded pairs, FEP insulation
9067	E-366A	27	RGS-PVC coated conduit	94.84	229.03	2900-373B	4 pair #22, shielded pairs, FEP insulation
						2900-373A	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
9068	E-366A	41	RGS-PVC coated conduit	284.52	534.55		
						2900-263B	4 pair #22, shielded pairs, FEP insulation
						2900-263A	4 pair #22, shielded pairs, FEP insulation
						2900-253C	4 pair #22, shielded pairs, FEP insulation
						2900-253B	4 pair #22, shielded pairs, FEP insulation
						2900-253A	4 pair #22, shielded pairs, FEP insulation
						2900-243A	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
9069	E-374	27	RGS conduit	47.42	229.03	Pull rope	Soft-Fiber Polyester
						2900-482A	4 pair #22, shielded pairs, FEP insulation
9070	E-366A	27	RGS-PVC coated conduit	142.26	229.03	2900-233A	4 pair #22, shielded pairs, FEP insulation
						2900-233B	4 pair #22, shielded pairs, FEP insulation
						2900-233C	4 pair #22, shielded pairs, FEP insulation

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
9222	E-72	53	RGS conduit	62.07	879.42	2910-5	1-3/C #16, 600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
9223	E-72	53	RGS conduit	62.07	879.42	Pull rope	Soft-Fiber Polyester
						2910-9	1-3/C #16, 600 V, EPR insulation
9230	E-115	78	RGS-PVC coated conduit (2)	1754.54	2564.19	2900-442B	4 pair #22, shielded pairs, FEP insulation
						2900-402A	4 pair #22, shielded pairs, FEP insulation
						2900-412A	4 pair #22, shielded pairs, FEP insulation
						2900-412B	4 pair #22, shielded pairs, FEP insulation
						2900-412C	4 pair #22, shielded pairs, FEP insulation
						2900-422A	4 pair #22, shielded pairs, FEP insulation
						2900-422B	4 pair #22, shielded pairs, FEP insulation
						2900-442A	4 pair #22, shielded pairs, FEP insulation
						2900-332A	4 pair #22, shielded pairs, FEP insulation
						2900-442C	4 pair #22, shielded pairs, FEP insulation
						2900-452A	4 pair #22, shielded pairs, FEP insulation
						2900-452B	4 pair #22, shielded pairs, FEP insulation
						2900-482A	4 pair #22, shielded pairs, FEP insulation
						2910-2	4 pair #22, shielded pairs, FEP insulation
						2910-3	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
						2900-382C	4 pair #22, shielded pairs, FEP insulation
						2900-432A	4 pair #22, shielded pairs, FEP insulation
						2900-172A	4 pair #22, shielded pairs, FEP insulation
						2900-152A	4 pair #22, shielded pairs, FEP insulation
						2900-332C	4 pair #22, shielded pairs, FEP insulation
						2900-142A	4 pair #22, shielded pairs, FEP insulation
						2900-382B	4 pair #22, shielded pairs, FEP insulation
						2900-152B	4 pair #22, shielded pairs, FEP insulation
						2900-152C	4 pair #22, shielded pairs, FEP insulation
						2900-162B	4 pair #22, shielded pairs, FEP insulation
						2900-172B	4 pair #22, shielded pairs, FEP insulation
						2900-172C	4 pair #22, shielded pairs, FEP insulation
						2900-272C	4 pair #22, shielded pairs, FEP insulation
						2900-382A	4 pair #22, shielded pairs, FEP insulation
						2900-162A	4 pair #22, shielded pairs, FEP insulation
						2900-292A	4 pair #22, shielded pairs, FEP insulation
						2900-192A	4 pair #22, shielded pairs, FEP insulation
						2900-272B	4 pair #22, shielded pairs, FEP insulation
						2900-272A	4 pair #22, shielded pairs, FEP insulation
						2900-192C	4 pair #22, shielded pairs, FEP insulation
						2900-192B	4 pair #22, shielded pairs, FEP insulation
						2900-332B	4 pair #22, shielded pairs, FEP insulation
9230A	E-115	53	RGS-PVC coated conduit		879.42	Pull rope	Soft-Fiber Polyester (2)
9231A	E-115	53	RGS-PVC coated conduit		879.42	Pull rope	Soft-Fiber Polyester
9232A	E-115	53	RGS-PVC coated conduit		879.42	Pull rope	Soft-Fiber Polyester

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-448

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

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

LAST REVISION 00-00-00
DATE PLOTTED => 12/22/2008
TIME PLOTTED => 10:44:02 AM

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

DGN FILE =>T:\13103\MS\pse\SAS Struc\CCO\SAS CC055\2008-12-22_Issued for Submittal\04-0120f1_0403R02.dgn
USERNAME =>llorico

CU 04251 EA 0120F1