DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	402 R1	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

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

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

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

Caltrans Metric

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	10/03/08	STRONG MOTION SYSTEM	RG	FW	74

REVISIONS

FOR REVISION ONLY

CONTRACT CHANGE ORDER NO._____

SHEET _____ OF _____

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
9022	E-372	27	RGS conduit	94.84	229.03	2900-432A	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
						2900-432B	4 pair #22, shielded pairs, FEP insulation
9023	E-373	27	RGS conduit	142.26	229.03	Pull rope	Soft-Fiber Polyester
						2900-472C	4 pair #22, shielded pairs, FEP insulation
						2900-472B	4 pair #22, shielded pairs, FEP insulation
						2900-472A	4 pair #22, shielded pairs, FEP insulation
9024	E-373	27	RGS conduit	94.84	229.03	Pull rope	Soft-Fiber Polyester
						2900-462B	4 pair #22, shielded pairs, FEP insulation
						2900-462A	4 pair #22, shielded pairs, FEP insulation
9025	E-373	27	RGS conduit	94.84	229.03	Pull rope	Soft-Fiber Polyester
						2900-452B	4 pair #22, shielded pairs, FEP insulation
						2900-452A	4 pair #22, shielded pairs, FEP insulation
9026	E-373	27	RGS conduit	142.26	229.03	Pull rope	Soft-Fiber Polyester
						2900-442B	4 pair #22, shielded pairs, FEP insulation
						2900-442A	4 pair #22, shielded pairs, FEP insulation
						2900-442C	4 pair #22, shielded pairs, FEP insulation
9027	E-362	41	RGS-PVC coated conduit	284.52	534.55	2900-162B	4 pair #22, shielded pairs, FEP insulation
						2900-152C	4 pair #22, shielded pairs, FEP insulation
						2900-152B	4 pair #22, shielded pairs, FEP insulation
						2900-152A	4 pair #22, shielded pairs, FEP insulation
						2900-162A	4 pair #22, shielded pairs, FEP insulation
						2900-142A	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
9050	E-366A (1)	27	RGS-PVC coated conduit	47.42	229.03	2900-243A	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
9051	E-366A (1)	27	RGS-PVC coated conduit	189.68	229.03	2900-253A	4 pair #22, shielded pairs, FEP insulation
						2900-253B	4 pair #22, shielded pairs, FEP insulation
						2900-243A	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
						2900-253C	4 pair #22, shielded pairs, FEP insulation
9052	E-366A (1)	27	RGS-PVC coated conduit	94.84	229.03	2900-263A	4 pair #22, shielded pairs, FEP insulation
						2900-263B	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
9053	E-366A (1)	27	RGS-PVC coated conduit	142.26	229.03	2900-253A	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
						2900-253C	4 pair #22, shielded pairs, FEP insulation
						2900-253B	4 pair #22, shielded pairs, FEP insulation
9054	E-366A (1)	41	RGS-PVC coated conduit	237.10 (1)	534.55	2900-233A	4 pair #22, shielded pairs, FEP insulation
						2900-233C	4 pair #22, shielded pairs, FEP insulation
						2900-373A	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
						2900-373B	4 pair #22, shielded pairs, FEP insulation
						2900-233B	4 pair #22, shielded pairs, FEP insulation
9055	E-366	41	RGS-PVC coated conduit	237.10	534.55	2900-303C	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
						2900-303D	4 pair #22, shielded pairs, FEP insulation
						2900-303B	4 pair #22, shielded pairs, FEP insulation
						2900-303A	4 pair #22, shielded pairs, FEP insulation
						2900-303E	4 pair #22, shielded pairs, FEP insulation
9056	E-366	27	RGS-PVC coated conduit	49.21	229.03	Pull rope	Soft-Fiber Polyester
						UP210-12	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
9057	E-264A, E-366	41	RGS-PVC coated conduit	320.61	534.55	2910-7	4 pair #24, overall shielded, 300 V, PE insulation
						2910-8	4 pair #22, shielded pairs, 300 V, PE insulation
						2910-12	4 pair #22, shielded pairs, 300 V, PE insulation
9058	E-366	27	RGS-PVC coated conduit	0.00	229.03	Pull rope	Soft-Fiber Polyester
9059	E-366	78	RGS-PVC coated conduit	1849.38	1935.24	2900-303C	4 pair #22, shielded pairs, FEP insulation
						2900-313C	4 pair #22, shielded pairs, FEP insulation
						2900-323C	4 pair #22, shielded pairs, FEP insulation
						2900-323D	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
9059	E-366	78	RGS-PVC coated conduit	1849.38	1935.24	2900-323A	4 pair #22, shielded pairs, FEP insulation
(con't)						2900-323E	4 pair #22, shielded pairs, FEP insulation
						2900-323B	4 pair #22, shielded pairs, FEP insulation
						2900-313B	4 pair #22, shielded pairs, FEP insulation
						2900-313A	4 pair #22, shielded pairs, FEP insulation
						2900-303D	4 pair #22, shielded pairs, FEP insulation
						2900-373A	4 pair #22, shielded pairs, FEP insulation
						2900-303B	4 pair #22, shielded pairs, FEP insulation
						2900-303A	4 pair #22, shielded pairs, FEP insulation
						2900-263B	4 pair #22, shielded pairs, FEP insulation
						2900-303E	4 pair #22, shielded pairs, FEP insulation
						2900-353A	4 pair #22, shielded pairs, FEP insulation
						Pull rope	Soft-Fiber Polyester
						2900-363C	4 pair #22, shielded pairs, FEP insulation
						2900-363B	4 pair #22, shielded pairs, FEP insulation
						2900-363A	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
						2900-223C	4 pair #22, shielded pairs, FEP insulation
						2900-353B	4 pair #22, shielded pairs, FEP insulation
						2900-373B	4 pair #22, shielded pairs, FEP insulation
						2900-263A	4 pair #22, shielded pairs, FEP insulation
						2900-223B	4 pair #22, shielded pairs, FEP insulation
						2900-223A	4 pair #22, shielded pairs, FEP insulation
						2900-213C	4 pair #22, shielded pairs, FEP insulation
						2900-213B	4 pair #22, shielded pairs, FEP insulation
						2900-213A	4 pair #22, shielded pairs, FEP insulation
						2900-353C	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
						2900-233A	4 pair #22, shielded pairs, FEP insulation
						2900-233C	4 pair #22, shielded pairs, FEP insulation
						2900-233B	4 pair #22, shielded pairs, FEP insulation
						2900-353D	4 pair #22, shielded pairs, FEP insulation
9060	E-366, E-367	78	RGS-PVC coated conduit	1090.66	1935.24	2900-213C	4 pair #22, shielded pairs, FEP insulation
						2900-213B	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
						2900-223A	4 pair #22, shielded pairs, FEP insulation
						2900-313B	4 pair #22, shielded pairs, FEP insulation
						2900-313C	4 pair #22, shielded pairs, FEP insulation
					(1)	2900-243C	4 pair #22, shielded pairs, FEP insulation
						2900-253A	4 pair #22, shielded pairs, FEP insulation
						2900-253B	4 pair #22, shielded pairs, FEP insulation
						2900-253C	4 pair #22, shielded pairs, FEP insulation
						2900-263A	4 pair #22, shielded pairs, FEP insulation
						2900-263B	4 pair #22, shielded pairs, FEP insulation
						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
						2900-273A	4 pair #22, shielded pairs, FEP insulation
						2900-273B	4 pair #22, shielded pairs, FEP insulation

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-447

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 00-00-00
DATE PLOTTED => 10/2/2008
TIME PLOTTED => 6:09:20 PM

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

DGN FILE =>T:\13103\MS\pse\SAS Struc\CCO\SAS CCO74\Issued for Submittal 2008-10-03\04-0120f1_0402R01.dgn
USERNAME =>llorico

CU 04251 EA 0120F1