DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	403 R1	1204

Jens Erlingsson 12/19/02
REGISTERED ELECTRICAL ENGINEER 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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REGISTERED PROFESSIONAL ENGINEER FADI WALIEDDINE No. 11465 Exp. 12/31/2009 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY

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

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
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
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
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 conduit	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

For continuation, see next sheet.

CONDUIT AND TRAY SCHEDULE

E-448

REVISED BY	DATE REVISED

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

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 10/2/2008
TIME PLOTTED => 6:09:39 PM

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

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