DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	128 R1	1204

REGISTERED ELECTRICAL ENGINEER 6/12/08 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

UTILITY PANEL UP-106 (CKT #1097)

Location: SAS SUPERSTRUCTURE SERVICE PLATFORM #6

LOAD DESCRIPTION	LTG	REC	OTH.	CB		CB	LTG	REC	OTH.	LOAD DESCRIPTION
Recept (1) Westbound North Barrier		180		20/1	1 A 2	20/1				Spare
Recept (2) Westbound South Barrier		360		20/1	3 B 4	20/1				Spare
Recept (2) Service Platform #6		360		20/1	5 C 6	20/1	820			Crossbeam Ltg (20)
Recept (2) Girder		360		20/1	7 A 8	20/1	1230			Girder Lighting (30)
Recept (5) Crossbeams		720		20/1	9 B 10	30/1 (1)			2000	Controller Cabinet #TOS-6WA
Spare				20/1	11 C 12	20/1				
Spare				20/1	13 A 14	20/1				Spare
Navigation Relay Cabinet #NAP-6W			600	20/1	15 B 16	20/1				Spare
Spare				20/1	17 C 18	20/1				
				20/1	19 A 20	20/1				
Spare				20/1	21 B 22	20/1				Spare
				20/1	23 C 24	20/1				
TOTAL VA		1980	600				2050		2000	TOTAL VA

LOAD SUMMARY (INCLUDES .90 PF) (VA)

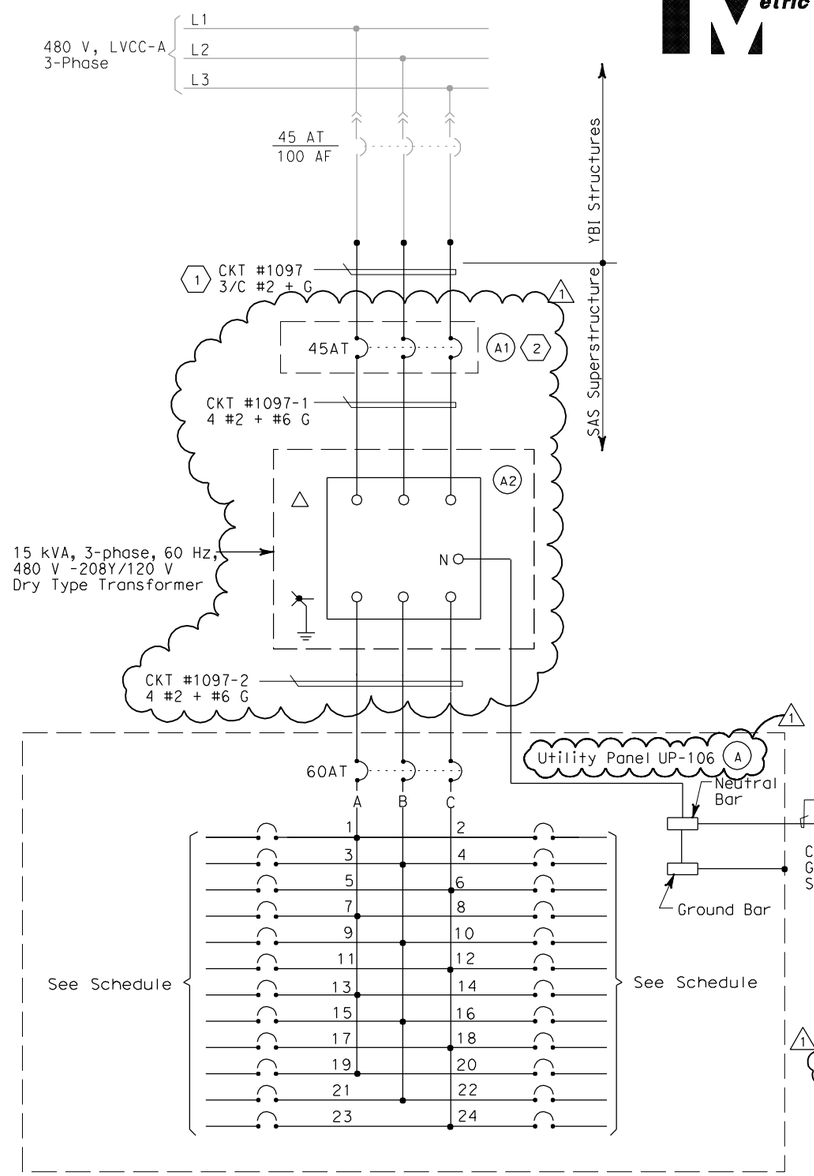
Lighting (At 100%): 2050
Gen Use (1st 10 kVA At 100% Plus 50% OF Remainder): 4580

TOTAL kVA: 6.630

BALANCE (kVA)

Phase A - 1.770
Phase B - 3.680 (1)
Phase C - 1.180

VOLTAGE: 208/120 V
PHASE/WIRES: 3-phase, 4-wire
BUS RATING: 100 A
MAIN: 60 A
MOUNTING: Surface
K.A.I.C.: 10



NOTES:

1. The Contractor shall provide nameplates and circuit schedules as shown.
2. Install panelboard inside a PB-8A enclosure (fiberglass) to be sized by the contractor.
3. References:
   - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
   - For pull box schedule, see sheet E-83.
   - For crossbeam lighting plan, see sheet E-119.

SHEET NOTES:

(1) The Contractor shall extend and coil 5 meters of cable in manhole 25. All cables shall be tagged with circuit numbers as shown. For location of manhole 25, see sheet E-11.

(2) See sheet E-73 for Equipment Schedule.

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					
1	10/30/08	SERVICE PLATFORM ELECTRICAL CHANGES	RR MP	RG FW	55
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
REVISIONS					

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF _____

DETAILS
SAS SUPERSTRUCTURE ROADWAY WESTBOUND PANEL UP-106 SCHEDULE

E-61

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT: BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY	JP	DATE 08/01	REVISED BY	DATE REVISED
CHECKED BY	BL	12/01		

LAST REVISION 00-00-00
DATE PLOTTED => 10/29/2008
TIME PLOTTED => 1:58:13 PM

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

DGN FILE =>T:\13103\MS\pse\SAS Struc\CCO\SAS CCO55\2008-10-10_Issued for Submittal\04-0120f1_0128R01.dgn
USERNAME =>llorico

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