DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	199 R1	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 now has a web site! To get to the web site, go to http://www.dot.ca.gov

Caltrans Metric

UTILITY PANEL UP-204 (CKT #2095)

Location: SAS SUPERSTRUCTURE SERVICE PLATFORM #4

LOAD DESCRIPTION	LTG	REC	OTH.	CB		CB	LTG	REC	OTH.	LOAD DESCRIPTION
Recept (2) Eastbound North Barrier		360		20/1	1 A 2	20/1				Spare
Spare				20/1	3 B 4	20/1				↓
Recept (2) Service Platform #4		360		20/1	5 C 6	20/1				Spare
Recept (2) Girder		360		20/1	7 A 8	20/1	574			Girder Lighting (14)
Spare				20/1	9 B 10	(1) 30/1			2000	Controller Cabinet #TOS-4EA
Spare				20/1	11 C 12	20/1				Spare
TOTAL VA		1080					574		2000	TOTAL VA

LOAD SUMMARY (INCLUDES .90 PF) (VA)

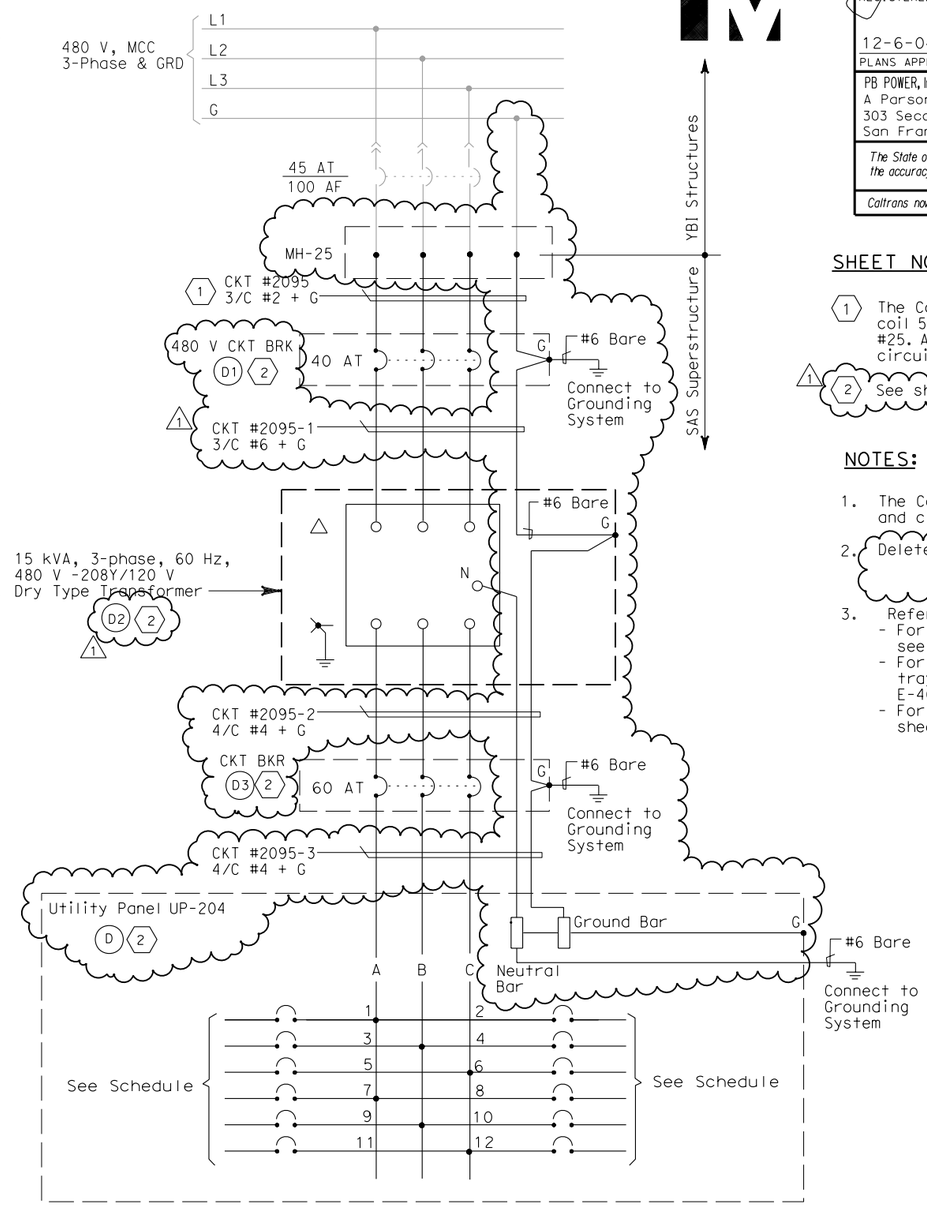
Lighting (At 100%): 574
Gen Use (1st 10 kVA at 100% Plus 50% of remainder): 3080

TOTAL kVA: 3.654

BALANCE (kVA)

Phase A - 1.294
Phase B - 2.000
Phase C - 0.360

VOLTAGE: 208/120 V
PHASE/WIRES: 3-phase, 4-wire
BUS RATING: 100 A
MAINS: MAIN LUGS ONLY (1)
MOUNTING: Surface
K.A.I.C.: 10



SHEET NOTES:

(1) The Contractor shall extend and coil 5.0 meters of cable in manhole #25. All cables shall be tagged with circuit numbers as shown.

(1) (2) See sheet E-71 for Equipment Schedule.

NOTES:

1. The Contractor shall provide nameplates and circuit schedules as shown.
2. Deleted. (1)
3. References:
   - For LVCC-B single line diagram, see sheets E-32 thru E-34.
   - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
   - For pull box schedule, see sheet E-169.

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

FOR REVISION ONLY (1)

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
(1)	03/30/09	SERVICE PLATFORM ELECTRICAL CHANGES	RR MP	RG FW	55

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

DETAILS
SAS SUPERSTRUCTURE ROADWAY EASTBOUND PANEL UP-204 SCHEDULE
NO SCALE

E-150

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY JP
CHECKED BY BL
DATE REVISED 09/01
DATE REVISED 11/01
REVISED BY

LAST REVISION 00-00-00
DATE PLOTTED => 3/31/2009
TIME PLOTTED => 2:46:24 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\04-0120f1_0199R01.dgn
USERNAME =>garciar

CU 04251

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