DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	205 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

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

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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

LIGHTING PANEL LP-220 (CKT #2104)

LOCATION: SAS SUPERSTRUCTURE SERVICE PLATFORM #5

LOAD DESCRIPTION	LTG	CB		CB	LTG	LOAD DESCRIPTION
Spare		20/1	1 A 2	20/1	270	Bike Path LTG (5)
		20/1	3 B 4	20/1	270	Bike Path LTG (5)
		20/1	5 C 6	20/1	270	Bike Path LTG (5)
		20/1	7 A 8	20/1	270	Bike Path LTG (5)
		20/1	9 B 10	20/1		Spare
		20/1	11 C 12	20/1		
TOTAL VA					1,080	TOTAL VA

LOAD SUMMARY (INCLUDES .90 PF) (VA)
LIGHTING (AT 100%): 1,080

TOTAL kVA: 1.080

BALANCE (kVA)
Phase A - 0.540
Phase B - 0.270
Phase C - 0.270

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

LIGHTING PANEL LP-221 (CKT #2105)

LOCATION: SAS SUPERSTRUCTURE SERVICE PLATFORM #6

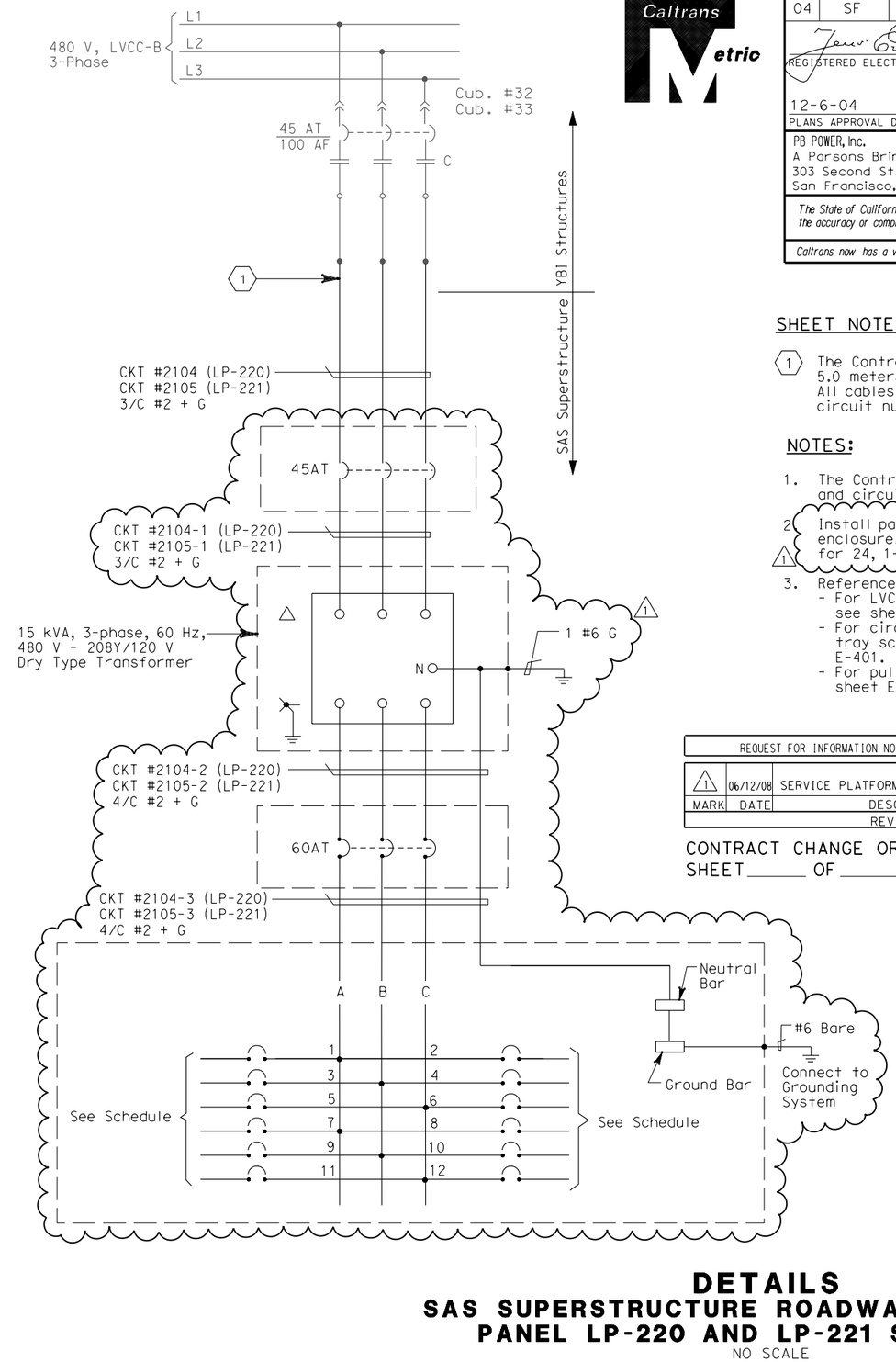
LOAD DESCRIPTION	LTG	CB		CB	LTG	LOAD DESCRIPTION
Spare		20/1	1 A 2	20/1	216	Bike Path LTG (4)
		20/1	3 B 4	20/1	216	Bike Path LTG (4)
		20/1	5 C 6	20/1	378	Bike Path LTG (7)
		20/1	7 A 8	20/1	378	Bike Path LTG (7)
		20/1	9 B 10	20/1		Spare
		20/1	11 C 12	20/1		
TOTAL VA					1188	TOTAL VA

LOAD SUMMARY (INCLUDES .90 PF) (VA)
LIGHTING (AT 100%): 1188

TOTAL kVA: 1.188

BALANCE (kVA)
Phase A - 0.594
Phase B - 0.216
Phase C - 0.378

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



SHEET NOTES:

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

NOTES:

1. The Contractor shall provide nameplates and circuit schedules as shown.
2. Install panelboard inside a PB-8A enclosure. Panelboard enclosure size for 24, 1-P, branch circuit breakers. (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.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	06/12/08	SERVICE PLATFORM ELECTRICAL CHANGES	RR MP	RG FW	55

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF _____

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

FOR REVISION ONLY

DETAILS
SAS SUPERSTRUCTURE ROADWAY EASTBOUND PANEL LP-220 AND LP-221 SCHEDULES
NO SCALE

E-156

DATE	REVISED BY	DATE	REVISED BY
09/01	JP	11/01	BL

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 6/12/2008
TIME PLOTTED => 4:34:13 PM

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

DGN FILE =>T:\13103\MS\pse\SAS Struc\CCO\SAS CC055\04-0120f1_0205R01.dgn
USERNAME =>llorico

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