DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	204R1	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 Metric

LIGHTING PANEL LP-219 (CKT #2103)

LOCATION: SAS SUPERSTRUCTURE SERVICE PLATFORM #4

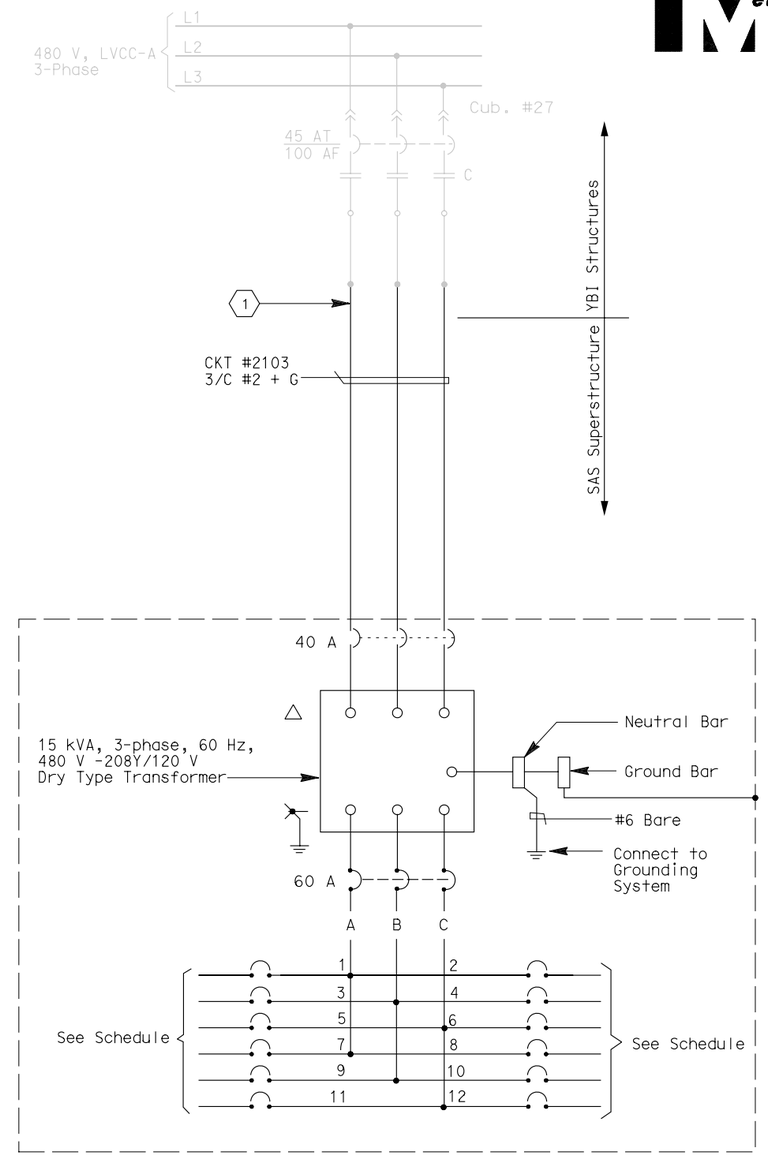
LOAD DESCRIPTION	LTG	CB		CB	LTG	LOAD DESCRIPTION
Spare		20/1	1 A 2	20/1	162 (1)	Bike Path LTG (4) Belvedere (2) (2) (1)
		20/1	3 B 4	20/1	162 (1)	Bike Path LTG (4) Belvedere (2) (2) (1)
		20/1	5 C 6	20/1	216	Bike Path LTG (4)
		20/1	7 A 8	20/1	216	Bike Path LTG (4)
		20/1	9 B 10	20/1		Spare
		20/1	11 C 12	20/1		
TOTAL VA					756 (1)	TOTAL VA

LOAD SUMMARY (INCLUDES .90 PF) (VA)
LIGHTING (AT 100%): 756 (1)

TOTAL kVA: 0.756 (1)

BALANCE (kVA)
Phase A - 0.378 (1)
Phase B - 0.162
Phase C - 0.216

VOLTAGE: 208/120 V
PHASE/WIRES: 3-phase, 4-wire
BUS RATING: 100 A
MAIN: 60 A
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.

(2) Installation of Belvedere additional loads by others.

NOTES:

1. The Contractor shall provide nameplates and circuit schedules as shown.
2. Install transformer/panelboard inside a PB-8A enclosure (fiberglass) to be sized by the Contractor.
3. References:
   - For LVCC-A single line diagram, see sheets E-29 thru E-31.
   - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
   - For pull box schedule, see sheet E-169.

REGISTERED PROFESSIONAL ENGINEER MAXWELL FUMIO TAKAKI No. E 8651 Exp. 9/30/2008 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY

MARK	DATE	DESCRIPTIONS	BY	CK	CCO
1	8/6/07	Electrical modifications.	MP EL	RR	42

REVISIONS

CONTRACT CHANGE ORDER NO. 42
SHEET ____ OF ____

DETAILS
SAS SUPERSTRUCTURE ROADWAY EASTBOUND PANEL LP-219 SCHEDULE
NO SCALE

E-155

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

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

LAST REVISION 00-00-00
DATE PLOTTED => 12/19/2007
TIME PLOTTED => $TIME

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

DGN FILE =>t:\13103\ms\pse\sas struc\cco\sas cco42\04-0120f1_0204r01.dgn
USERNAME =>$USER

CU 04251

EA 0120F1