

UTILITY PANEL UP-207 (CKT #2098)

Location: SAS SUPERSTRUCTURE SERVICE PLATFORM #7

| LOAD DESCRIPTION | LTG | REC | OTH. | CB | | CB | LTG | REC | OTH. | LOAD DESCRIPTION |
|------------------------------------|-----|------------|------|----|---|---------|-----|------------|-------------|-----------------------------|
| Recept (1) Eastbound North Barrier | | 180 | | 20 | 1 | 1 A 2 | 20 | | | Spare |
| Spare | | | | 20 | 1 | 3 B 4 | 20 | | | Spare |
| Recept (2) Service Platform #7 | | 360 | | 20 | 1 | 5 C 6 | 20 | | | Spare |
| Recept (2) Girder | | 360 | | 20 | 1 | 7 A 8 | 20 | 738 | | Girder Lighting (18) |
| Spare | | | | 20 | 1 | 9 B 10 | 30 | | 2000 | Controller Cabinet #TOS-7EA |
| Spare | | | | 20 | 1 | 11 C 12 | 20 | | | Spare |
| TOTAL WATTS | | 900 | | | | | | 738 | 2000 | TOTAL VA |

LOAD SUMMARY (INCLUDES .90 PF) (VA) BALANCE (kVA)

Lighting (At 100%): 738 Phase A - 1.278
 Gen Use (1st 10 kVA at 100% Plus 50% of remainder): 2900 Phase B - 2.000
 Phase C - 0.360

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

TOTAL kVA: 3.638



| DIST | COUNTY | ROUTE | KILOMETER TOTAL PROJECT | POST TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|-------------------------|--------------------|----------|--------------|
| 04 | SF | 80 | 13.2/13.9 | | 202 R1 | 1204 |

REGISTERED ELECTRICAL ENGINEER DATE 12/19/02
 JENS ERLINGSSON No. 8249 Exp. 9/30/06 ELECTRICAL STATE OF CALIFORNIA

12-6-04 PLANS APPROVAL DATE

PB POWER, Inc.
 A Parsons Brinckerhoff Company
 303 Second St., Suite 700N
 San Francisco, CA 94107-1317

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

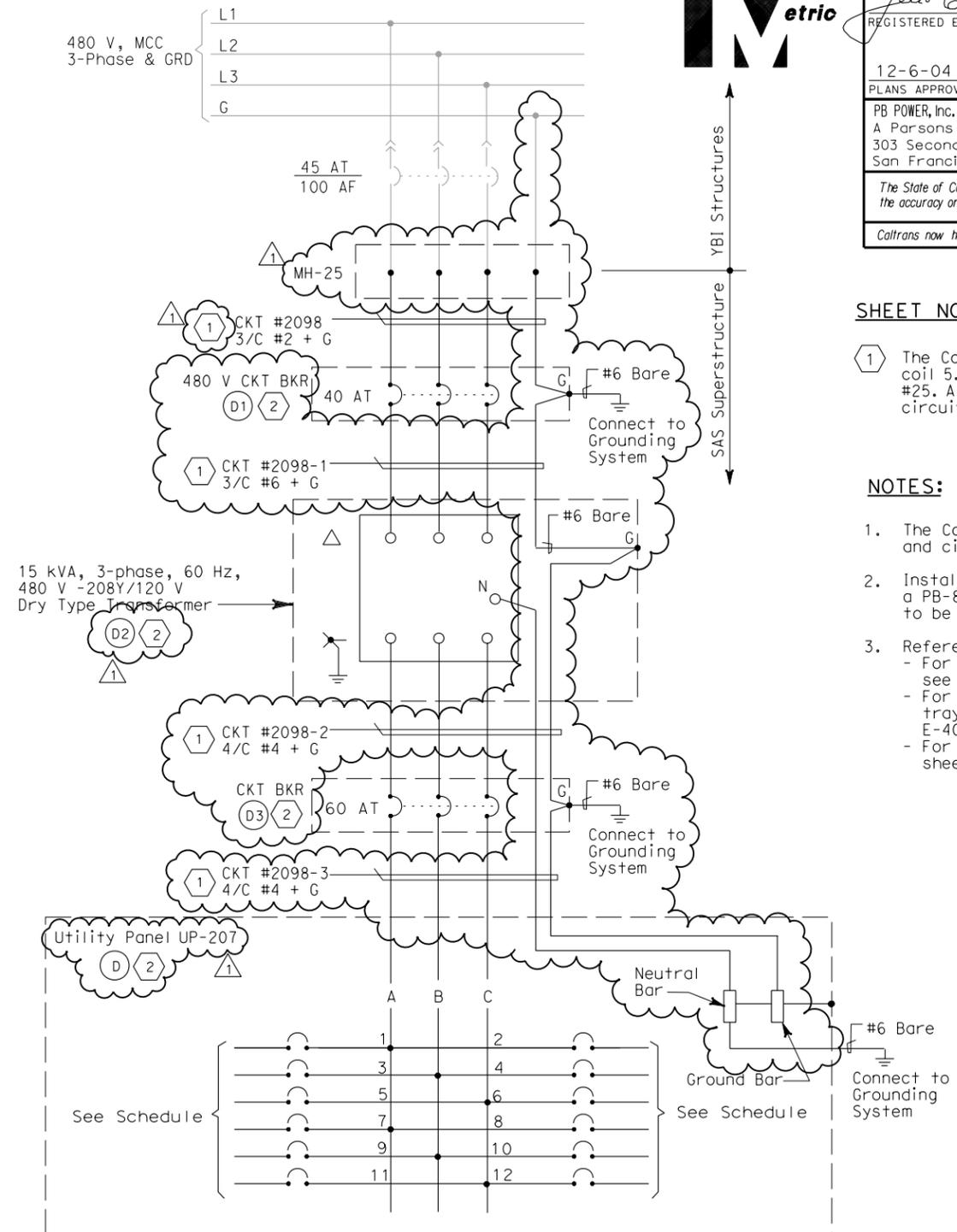
Caltrans now has a web site! To get to the web site, go to <http://www.dot.ca.gov>

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.

NOTES:

- The Contractor shall provide nameplates and circuit schedules as shown.
- Install transformer/panelboard inside a PB-8A enclosure (fiberglass) to be sized by the Contractor.
- 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 | 12/22/08 | SERVICE PLATFORM ELECTRICAL CHANGES | RR MP | RG FW | 55 |

CONTRACT CHANGE ORDER NO. _____
 SHEET _____ OF _____

FOR REVISION ONLY

DETAILS
SAS SUPERSTRUCTURE ROADWAY EASTBOUND
PANEL UP-207 SCHEDULE
 NO SCALE

DESIGN OVERSIGHT BEHZAD GOLEMOHAMMADI
 DEPARTMENT OF TRANSPORTATION
 STATE OF CALIFORNIA - Caltrans

DATE PLOTTED => 12/23/2008
 TIME PLOTTED => 7:45:08 AM
 LAST REVISION 00-00-00