

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 | 20 | | 2000 | Controller Cabinet #TOS-7EA | |
| Spare | | | | 20 | 1 | 11 C 12 | 20 | | | Spare | |
| TOTAL WATTS | | 900 | | | | | | 738 | | 2000 | TOTAL VA |

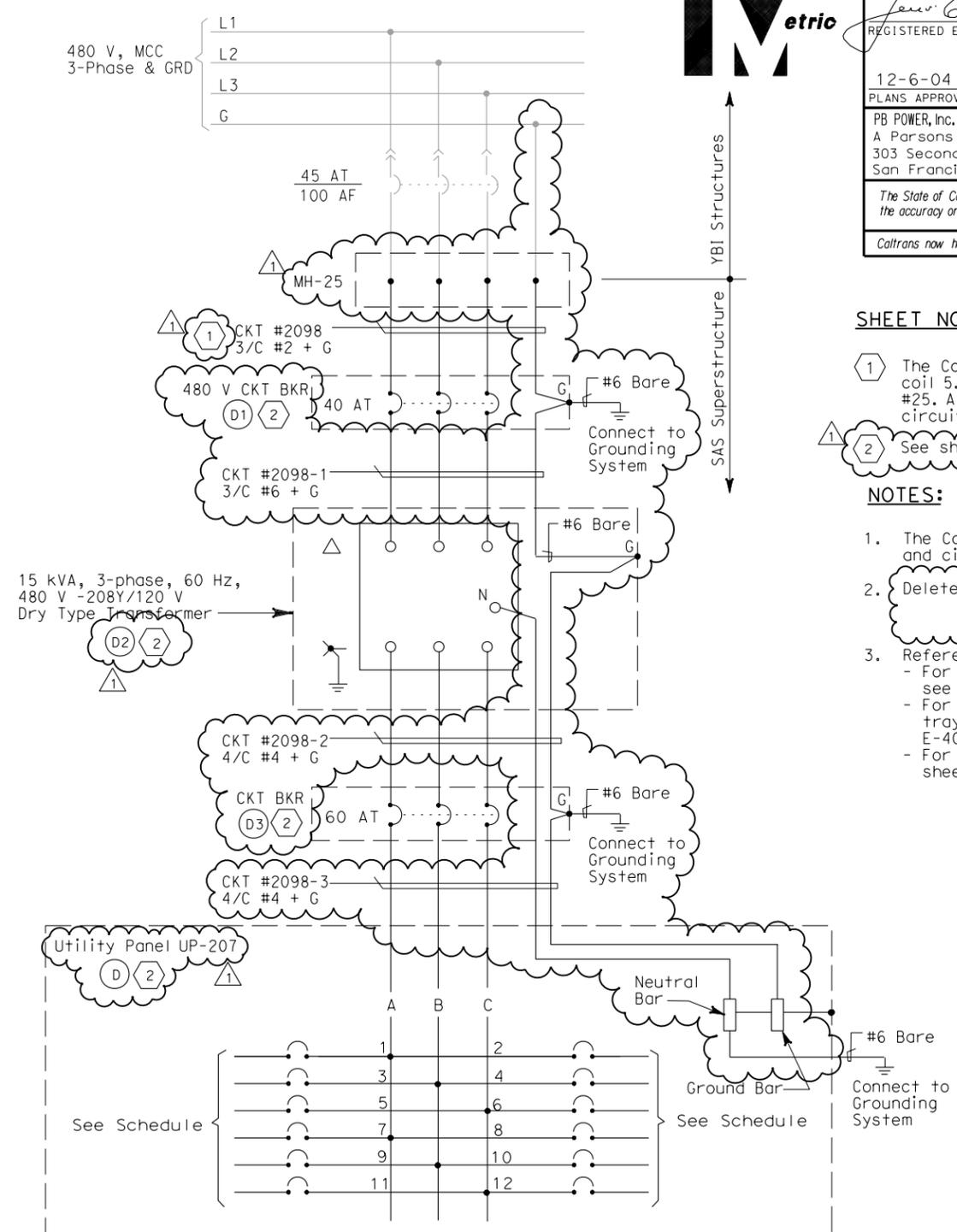
LOAD SUMMARY (INCLUDES .90 PF) (VA) BALANCE (kVA)

Lighting (At 100%): 738
Gen Use (1st 10 kVA at 100% Plus 50% of remainder): 2900

Phase A - 1.278
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 PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|-------------------------|--------------|----------|--------------|
| 04 | SF | 80 | 13.2/13.9 | | 202 R1 | 1204 |

12-6-04
PLANS APPROVAL DATE

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

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Jens Erlingsson 12/19/02
REGISTERED ELECTRICAL ENGINEER DATE

12-6-04
PLANS APPROVAL DATE

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- 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.
 - 2 See sheet E-74 for Equipment Schedule.
- NOTES:**
- The Contractor shall provide nameplates and circuit schedules as shown.
 - Deleted.
 - 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.

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

DESIGNED BY
CHECKED BY

REVISIONS

DATE 7/01
DATE 12/01

JP BL

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

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

FOR REVISION ONLY

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 |

CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

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

DATE PLOTTED => 4/3/2009
TIME PLOTTED => 9:09:23 AM