

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

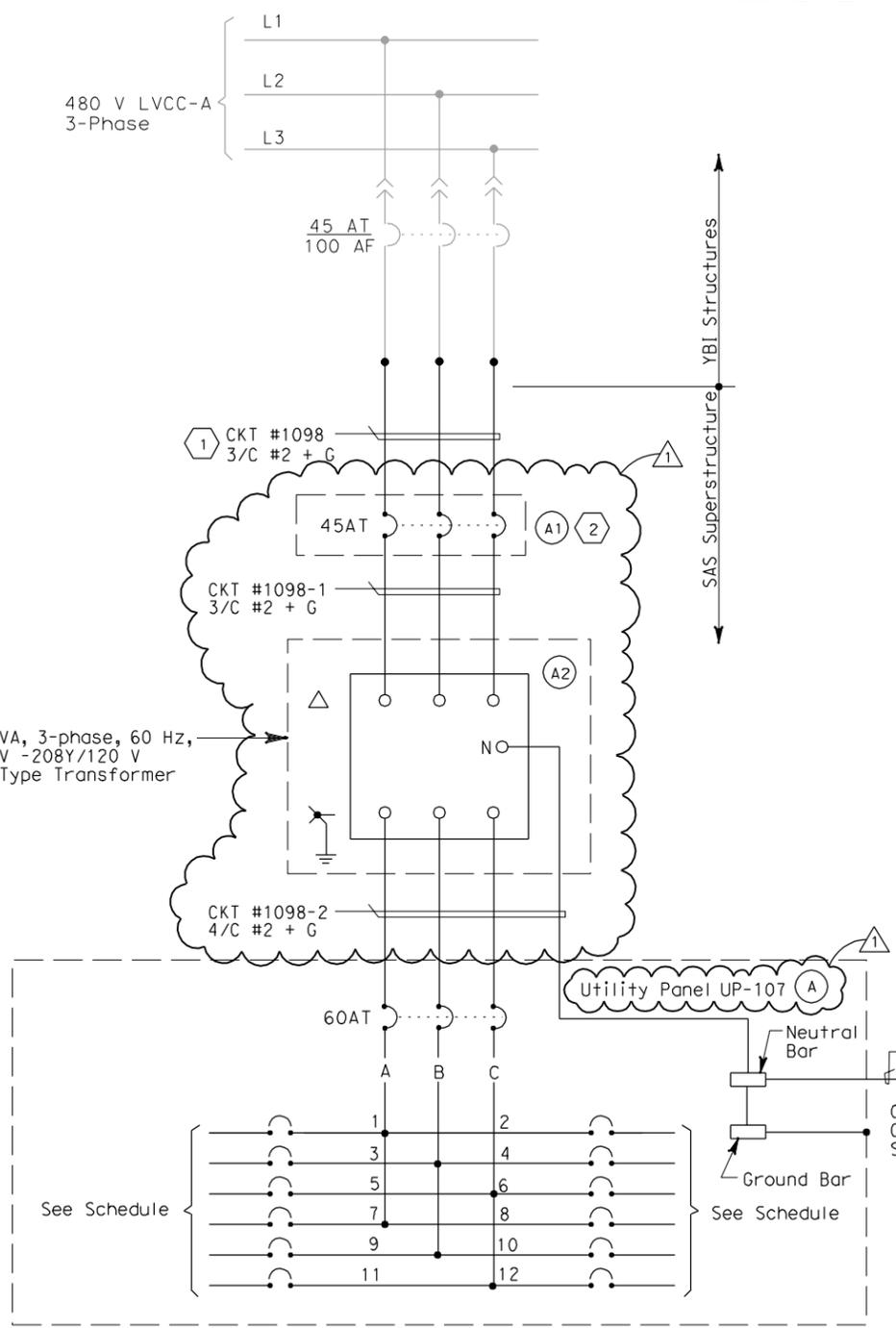
| UTILITY PANEL UP-107 (CKT #1098) | | | | | | | | | | | | Location: SAS SUPERSTRUCTURE SERVICE PLATFORM 7 | | |
|------------------------------------|-----|------|------|----|---|---------|-----|------|------|-----------------------------|----------|---|--|--|
| LOAD DESCRIPTION | LTG | REC | OTH. | CB | | CB | LTG | REC | OTH. | LOAD DESCRIPTION | | | | |
| Spare | | | | 20 | 1 | 1 A 2 | 20 | | | Spare | | | | |
| Recept (2) Westbound South Barrier | | 360 | | 20 | 1 | 3 B 4 | 20 | | | Spare | | | | |
| Recept (2) Service Platform #7 | | 360 | | 20 | 1 | 5 C 6 | 20 | 820 | | Crossbeam Ltg (20) | | | | |
| Recept (2) Girder | | 360 | | 20 | 1 | 7 A 8 | 20 | 1230 | | Girder Lighting (30) | | | | |
| Recept (4) Crossbeams | | 720 | | 20 | 1 | 9 B 10 | 20 | | 2000 | Controller Cabinet #TOS-7WA | | | | |
| Spare | | | | 20 | 1 | 11 C 12 | 20 | | | Spare | | | | |
| TOTAL VA | | 1800 | | | | | | 2050 | | 2000 | TOTAL VA | | | |

| | | | |
|--|------|-----------------|------------------------------|
| LOAD SUMMARY (INCLUDES .90 PF) | (VA) | BALANCE (kVA) | VOLTAGE: 208/120 V |
| Lighting (At 100%): 1558 | | Phase A - 1.590 | PHASE/WIRES: 3-phase, 4-wire |
| Gen Use (1st 10 kVA at 100% Plus 50% of Remainder): 3800 | | Phase B - 3.080 | BUS RATING: 100 A |
| | | Phase C - 1.180 | MAIN: 60 A |
| | | | MOUNTING: Surface |
| | | | K.A.I.C.: 10 |
| TOTAL kVA: 5.850 | | | |



| DIST | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|------------------------------|----------|--------------|
| 04 | SF | 80 | 13.2/13.9 | 129 R1 | 1204 |

REGISTERED ELECTRICAL ENGINEER DATE 6/12/08
 JENS ERLINGSSON No. 8249
 Exp. 9/30/06
 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>



- 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 circuit and conduit/cable tray schedules, see sheets starting at E-401.
 - For pull box schedule, see sheet E-83.
 - For crossbeam lighting plan, see sheet E-119.

- SHEET NOTES:**
- The Contractor shall extend and coil 5 meters of cable in manhole 25. All cables shall be tagged with circuit numbers as shown. For location of manhole 25, see sheet E-11.
 - See sheet E-74 for Equipment Schedule.



FOR REVISION ONLY

| | | | | | |
|---|----------|-------------------------------------|-------|-------|------|
| REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE | | | | | |
| 1 | 10/30/08 | SERVICE PLATFORM ELECTRICAL CHANGES | RR MP | RG FW | 55 |
| MARK | DATE | DESCRIPTIONS | BY | CH'D | CCO# |
| | | REVISIONS | | | |

CONTRACT CHANGE ORDER NO. _____
 SHEET _____ OF _____

DETAILS
SAS SUPERSTRUCTURE ROADWAY WESTBOUND
PANEL UP-107 SCHEDULE
 NO SCALE

DATE PLOTTED => 10/29/2008
 TIME PLOTTED => 1:58:33 PM
 LAST REVISION 00-00-00