

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

**UTILITY PANEL UP-204 (CKT #2095)** Location: SAS SUPERSTRUCTURE SERVICE PLATFORM #4

LOAD DESCRIPTION	LTG	REC	OTH.	CB	CB	LTG	REC	OTH.	LOAD DESCRIPTION	
Receipt (2) Eastbound North Barrier		360		20	1 1 A 2	20			Spare	
Spare				20	1 3 B 4	20			↓	
Receipt (2) Service Platform #4		360		20	1 5 C 6	20			Spare	
Receipt (2) Girder		360		20	1 7 A 8	20		574	Girder Lighting (14)	
Spare				20	1 9 B 10	20			2000	Controller Cabinet #TOS-4EA
Spare				20	1 11 C 12	20				Spare
TOTAL VA		1080						574	2000	TOTAL VA

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

Lighting (At 100%): 574  
 Gen Use (1st 10 kVA at 100% Plus 50% of remainder): 3080

Phase A - 1.294  
 Phase B - 2.000  
 Phase C - 0.360

TOTAL KVA: 3.654



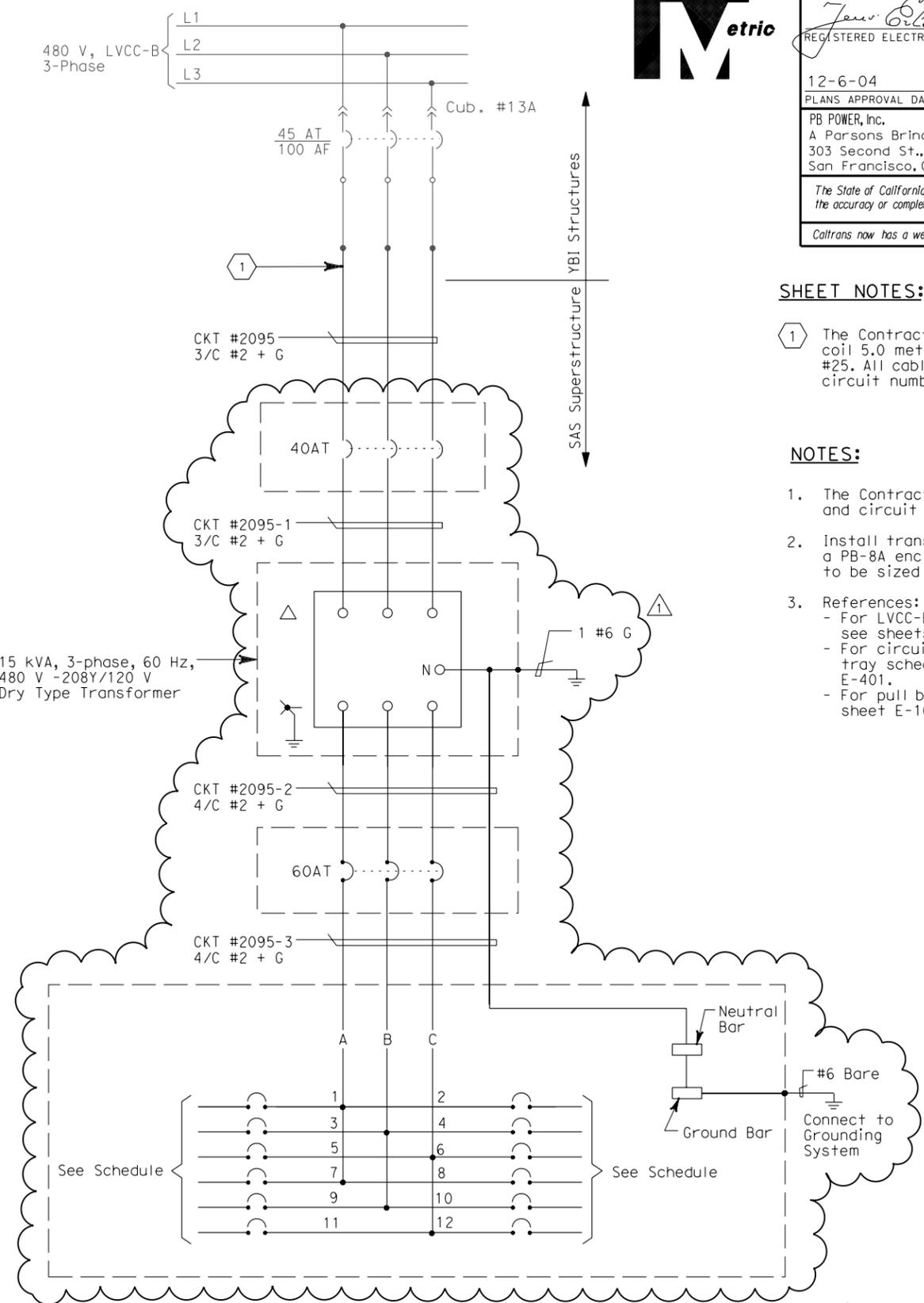
DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9		199 R1	1204

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

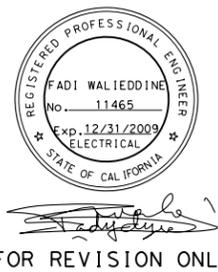
PLANS APPROVAL DATE 12-6-04  
 PB POWER, Inc.  
 A Parsons Brinckerhoff Company  
 303 Second St., Suite 700N  
 San Francisco, CA 94107-1317

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- SHEET NOTES:**
- 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	SERVICE PLATFORM ELECTRICAL CHANGES DESCRIPTIONS	RR MP	RG FW	55
1	06/12/08	SERVICE PLATFORM ELECTRICAL CHANGES			

REVISIONS

CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
 SHEET \_\_\_\_\_ OF \_\_\_\_\_

**DETAILS**  
**SAS SUPERSTRUCTURE ROADWAY EASTBOUND**  
**PANEL UP-204 SCHEDULE**  
 NO SCALE

DATE PLOTTED => 6/12/2008  
 TIME PLOTTED => 5:12:49 PM  
 LAST REVISION 00-00-00