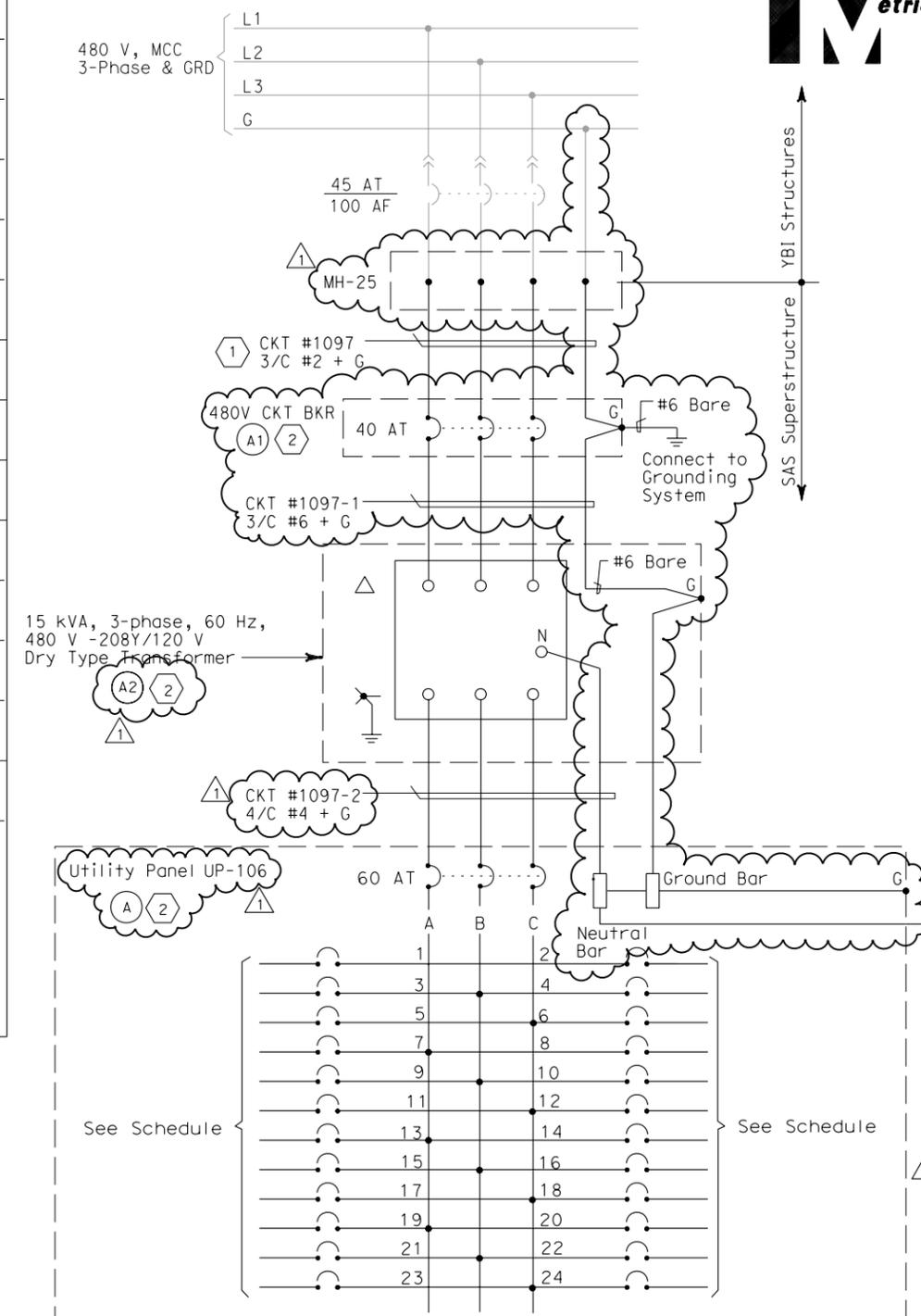


UTILITY PANEL UP-106 (CKT #1097)

Location: **SAS SUPERSTRUCTURE SERVICE PLATFORM #6**

LOAD DESCRIPTION	LTG	REC	OTH.	CB		CB	LTG	REC	OTH.	LOAD DESCRIPTION
Recept (1) Westbound North Barrier		180		20	1	1 A 2	20			Spare
Recept (2) Westbound South Barrier		360		20	1	3 B 4	20			Spare
Recept (2) Service Platform #6		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 (5) Crossbeams		720		20	1	9 B 10	20		2000	Controller Cabinet #TOS-6WA
Spare				20	1	11 C 12	20			
Spare				20	1	13 A 14	20			Spare
Navigation Relay Cabinet #NAP-6W			600	20	1	15 B 16	20			Spare
Spare				20	1	17 C 18	20			
Spare				20	1	19 A 20	20			
Spare				20	1	21 B 22	20			Spare
Spare				20	1	23 C 24	20			
TOTAL VA		1980	600					2050	2000	TOTAL VA

LOAD SUMMARY (INCLUDES .90 PF) (VA)	BALANCE (kVA)	VOLTAGE: 208/120 V
Lighting (At 100%): 2050	Phase A - 720	PHASE/WIRES: 3-phase, 4-wire
Gen Use (1st 10 kVA At 100% Plus 50% OF Remainder): 4580	Phase B - 3.680	BUS RATING: 100 A
	Phase C - 1.180	MAIN: 60 A
		MOUNTING: Surface
		K.A.I.C.: 10
TOTAL kVA: 6.630		



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9		128 R1	1204

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

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>

- NOTES:**
- The Contractor shall provide nameplates and circuit schedules as shown.
 - Deleted.
 - 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-73 for Equipment Schedule.



FOR REVISION ONLY

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
△	03/30/09	SERVICE PLATFORM ELECTRICAL CHANGES	RR	RG	55
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
REVISIONS					

CONTRACT CHANGE ORDER NO. _____
 SHEET _____ OF _____

DETAILS
SAS SUPERSTRUCTURE ROADWAY WESTBOUND
PANEL UP-106 SCHEDULE