



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9		138 R1	1204

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

EQUIPMENT SCHEDULE:

Equipment for Westbound

- (A) Utility Panel, UP-108, 100A
208/120 V, 3-phase, 4-wire
- (A1) 480 V Breaker for (A2) (Nema 4X)
Size: 495 H X 232 W X 124 D
- (A2) 15 kVA Transformer, 3 phase, 60 hertz
480 V-208/120 V, 3 phase (Nema 4X)
Size: 375 H X 485 W X 311 D
- (C) Remote Terminal Unit RTU #11W
Size: 1830 H X 940 W X 610 D
- (L) TOS/COM-8WA Pull Box (PB-2B)

Equipment for Eastbound

- (F) Utility Panel, UP-208, 100 A, MLO
208/120 V, 3-phase, 4-wire
- (F1) 480 V Breaker for (F2) (Nema 4X)
Size: 495 H X 232 W X 124 D
- (F2) 15 kVA Transformer, 3 phase, 60 hertz
480 V-208/120 V, 3 phase (Nema 4X)
Size: 375 H X 485 W X 311 D
- (F3) Enclosed circuit breaker
10 kAIC 240 V 3 phase in NEMA 4X enclosure.

- (G) Lighting Panel LP-223, 100 A, MLO
208/120 V, 3-phase, 4-wire
- (G1) 480 V Breaker for (G2) (Nema 4X)
Size: 495 H X 232 W X 124 D
- (G2) 15 kVA Transformer, 3 phase, 60 hertz
480 V-208/120 V, 3 phase (Nema 4X)
Size: 375 H X 485 W X 311 D
- (G3) Enclosed circuit breaker
10 kAIC 240 V 3 phase in NEMA 4X enclosure.

- (H) Remote Terminal Unit RTU #11E
Size: 1830 H X 940 W X 610 D
- (M) TOS/COM-8EA Pull Box (PB-2B)

Equipment Common for Westbound/Eastbound

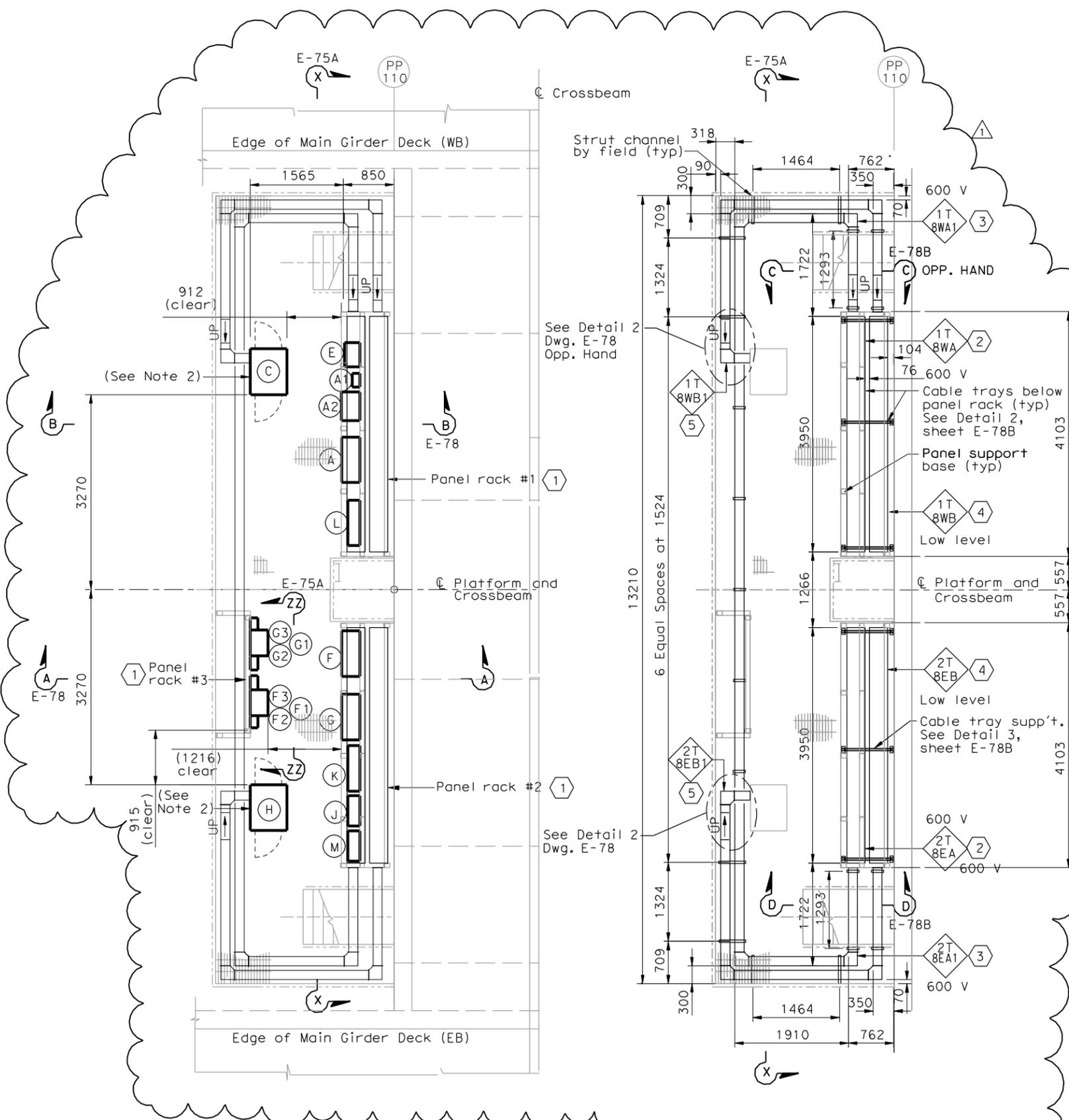
- (E) Navigation Relay Cabinet NAP-8 (PB-6C)
- (J) Telephone Terminal Box #TEL-8 (PB-7C)
- (K) Communication Terminal Box COM-8 (PB-7B)

SHEET NOTES:

- 1 For electrical panel support details, see AS-sheet.
- 2 Cable trays shall be without cover located below panel racks #1 and #2.
- 3 600 V Stainless steel wireway with cover.
- 4 Low level cable trays with cover.
- 5 Low level Stainless steel wireway with cover.

NOTES:

- The contractor shall verify the sizes and mounting dimensions of all rack mounted equipment prior to the fabrication of service platform racks.
- Contractor to provide cover and sealant to all cabinets with bottom open. Cover shall be of the same material. See Sheet E-78B for details.
- References:
 - For platform 5 conduit, lighting and grounding plan, see sheet E-118.
 - For location of platform 8, see sheet E-50.
 - TOS are shown for conduit routing only. For typical details of TOS controller and devices, see sheets E-344 through E-361.
 - For schedule of utility panel UP-108, see sheet E-63.
 - For schedule of utility panel UP-208, see sheet E-154.
 - For schedule of lighting panel LP-223, see sheet E-157.
 - For typical panel arrangement details of SCADA communications terminal box, see sheet E-321.
 - For pull box schedule, see sheet E-83.
 - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
 - For platform elevations, see sheet E-75A.



EQUIPMENT ARRANGEMENT PLAN
SCALE 1:40

CABLE TRAY & WIREWAY PLAN
SCALE 1:40



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
PLATFORM 8 ARRANGEMENT
 SCALE AS NOTED

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.



DATE PLOTTED => 10/29/2008
 TIME PLOTTED => 2:08:12 PM
 LAST REVISION 00-00-00