



| DIST | COUNTY | ROUTE | KILOMETER TOTAL PROJECT | POST PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|-------------------------|--------------|----------|--------------|
| 04 | SF | 80 | 13.2/13.9 | | 137 R1 | 1204 |

REGISTERED ELECTRICAL ENGINEER
 JENS ERLINGSSON
 No. 8249
 Exp. 9/30/06
 ELECTRICAL
 STATE OF CALIFORNIA

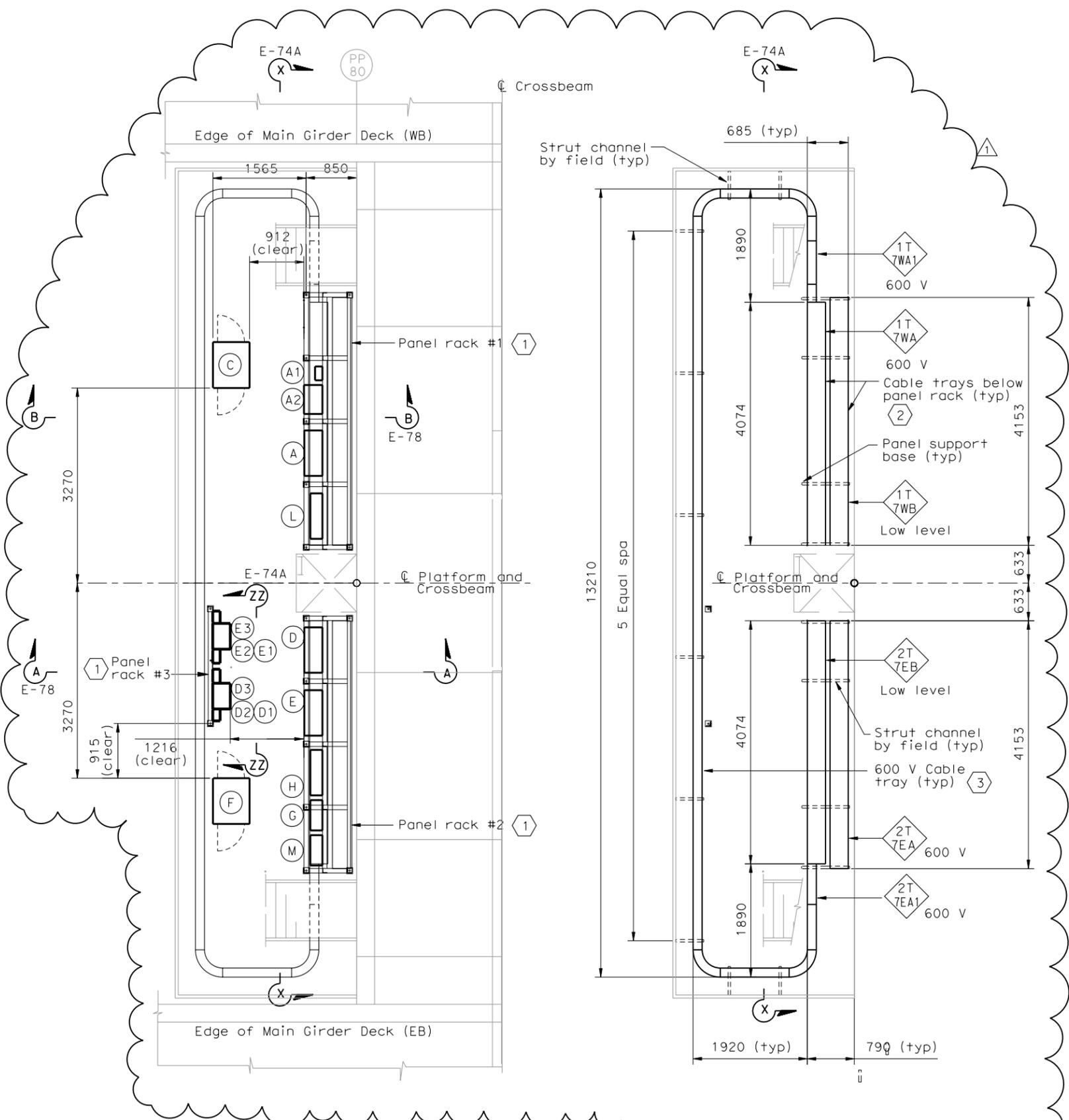
6/12/08
 REGISTERED ELECTRICAL ENGINEER DATE

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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EQUIPMENT ARRANGEMENT PLAN
 SCALE 1:40

CABLE TRAY-PLAN
 SCALE 1:40

EQUIPMENT SCHEDULE:

- Equipment for Westbound**
- (A) Utility Panel, UP-107, 100 A, 208/120 V, 3-phase, 4-wire (PB-8A)
 - (A1) Main Breaker for UP-107 (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) Controller Cabinet #TOS-7WA
 Size: 1625 H X 615 W X 768 D
 - (L) TOS/COM-7WA Pull Box (PB-2B)

- Equipment for Eastbound**
- (D) Utility Panel, UP-207, 100 A, 208/120 V, 3-phase, 4-wire (PB-8A)
 - (D1) Main Breaker for (D2) (Nema 4X)
 Size: 495 H X 232 W X 124 D
 - (D2) 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
 - (D3) Enclosed circuit breaker 60 AT/100 AF
 10 kVA 240 V 3 phase in NEMA 4X enclosure.
 - (E) Lighting Panel LP-222, 100 A, 208/120 V, 3-phase, 4-wire (PB-8A)
 - (E1) Main Breaker for (E2) (Nema 4X)
 Size: 495 H X 232 W X 124 D
 - (E2) 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
 - (E3) Enclosed circuit breaker 60 AT/100 AF
 10 kVA 240 V 3 phase in NEMA 4X enclosure.
 - (F) Controller Cabinet #TOS-7EA
 Size: 1625 H X 615 W X 768 D
 - (M) TOS/COM-7EA Pull Box (PB-2B)

Equipment Common for Westbound/Eastbound

- (G) Telephone Terminal Box #TEL-7 (PB-7C)
- (H) Communication Terminal Box #COM-7 (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 Cable tray shall be ladder type with cover.

NOTES:

1. The contractor shall verify the sizes and mounting dimensions of all rack mounted equipment prior to the fabrication of service platform racks.
2. The Contractor shall provide fabricated tray cover over the conduits from cabinets. See sheet E-114 for locations.
3. References:
 - For platform 7 conduit, lighting and grounding plan, see sheet E-117.
 - For location of platform 7, see sheet E-49.
 - 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-107, see sheet E-62.
 - For schedule of utility panel UP-207, see sheet E-153.
 - For schedule of lighting panel LP-222, 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-74A.



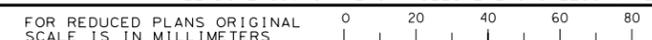
FOR REVISION ONLY

| REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE | | | | |
|---|----------|-------------------------------------|-------|-----------|
| △ | 06/12/08 | 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 7 ARRANGEMENT
 SCALE AS NOTED

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.



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 CU 04251

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DATE PLOTTED => 6/12/2008
 TIME PLOTTED => 5:26:47 PM
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