



SAS SUPERSTRUCTURE - CONDUIT AND CABLE TRAY PLAN

MARK	DATE	DESCRIPTIONS	BY	CK	CCO
1	8-06-07	Electrical modifications.	MP	RR	42
CONTRACT CHANGE ORDER NO. 42					
SHEET _____ OF _____					



FOR REVISION ONLY

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

SAS SUPERSTRUCTURE GIRDER WESTBOUND LIGHTING AND ELECTRICAL SYSTEMS

SCALE 1:200

E-99

SHEET NOTES:

- Conduit up to PB-LTG located in barrier, see sheet E-49.
- Conduit up to PB-COM located in barrier, see sheet E-49.
- PB-2A, locate on top of floor.
- For cable tray run and lighting inside crossbeam, see sheet E-117.
- For lighting inside crossbeam, see sheet E-119.
- PB-2L with circuit for future light pipes. See sheet E-121 for installation details and E-130 for lighting schedule.
- For cable tray and ground bar support, refer to sheet E-125.
- For fiber splice tray detail, refer to sheet E-356.

NOTES:

- References:
 - TOS equipment is shown for conduit routing only. For typical details of TOS controller and devices, see sheets E-344 through E-357.
 - For types of pull boxes, splice boxes and enclosures, see sheet E-83.
 - For bridge grounding plan, see sheet E-111.
 - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
- For other related work not shown on this sheet, see Electrical Special Provisions.
- The girder lighting fixtures are shown diagrammatically. Contractor shall install fixtures at railing posts with a maximum of 8000 mm between fixtures. For types and typical lighting fixture installation details, see sheet E-123.
- The cable trays are shown diagrammatically. For typical girder cable tray plans and sections, see sheets E-124 and E-125.

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO. SHEETS	TOTAL SHEETS
04	SF	80	13.2/13.9	152R1	1204

REGISTERED ELECTRICAL ENGINEER DATE: 12/19/02
 JAMES B. BERGSSON
 12-6-04
 PLANS APPROVAL DATE
 PB POWER, Inc.
 A Parsons Brinckerhoff Company
 303 Second St., Suite 700N
 San Francisco, CA 94107-1317

REGISTERED PROFESSIONAL ENGINEER
 JENS ERLINGSSON
 NO. 8249
 STATE OF CALIFORNIA

Caltrans now has a web site To get to the web site, go to <http://www.dot.ca.gov>