

SAS SUPERSTRUCTURE - CONDUIT AND CABLE TRAY PLAN

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.
 FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS



REGISTERED ELECTRICAL ENGINEER

REVISION	DATE	DESCRIPTION	BY	CK	CCO
1	8/6/07	Relocate conduit routing and change pull box type per RF-180.	MP	EL	RR 42

CONTRACT CHANGE ORDER NO. 42
 SHEET X OF XX

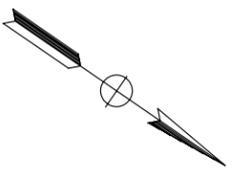
SAS SUPERSTRUCTURE GIRDER WESTBOUND LIGHTING AND ELECTRICAL SYSTEMS

SCALE 1:200

E-101

- SHEET NOTES:**
- 250 kcmil bare copper grounding conductor exothermically welded to 500 kcmil system ground conductor. See E2/T1 structures EA-0120E1 for limit of work.
 - PB-2L with circuit for future light pipes.
 - PB-2A, locate on top of floor.
 - For lighting inside crossbeam, see sheet E-119.
 - For cable tray & ground bar support, refer to sheet E-125.

- NOTES:**
- References:
 - TOS equipment is shown for conduit routing only. For typical details of TOS controller and devices, see sheets E-344 through E-361.
 - 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 work related to Hinge AW and items not shown on this sheet, see Electrical Special Provisions.
 - The girder lighting fixtures are shown diagrammatically. Contractor shall install fixtures at rolling 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 TOTAL PROJECT	POST MILE	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	154R	1204	

REGISTERED ELECTRICAL ENGINEER DATE 12/19/02
 JENS ERLINGSSON
 NO. 8249
 STATE OF CALIFORNIA
 REGISTERED PROFESSIONAL ENGINEER

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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