DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	149R1	1204

Caltrans Metric

Jens Erlingsson 12/19/02
REGISTERED ELECTRICAL ENGINEER DATE

12-6-04
PLANS APPROVAL DATE

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

PB POWER, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317

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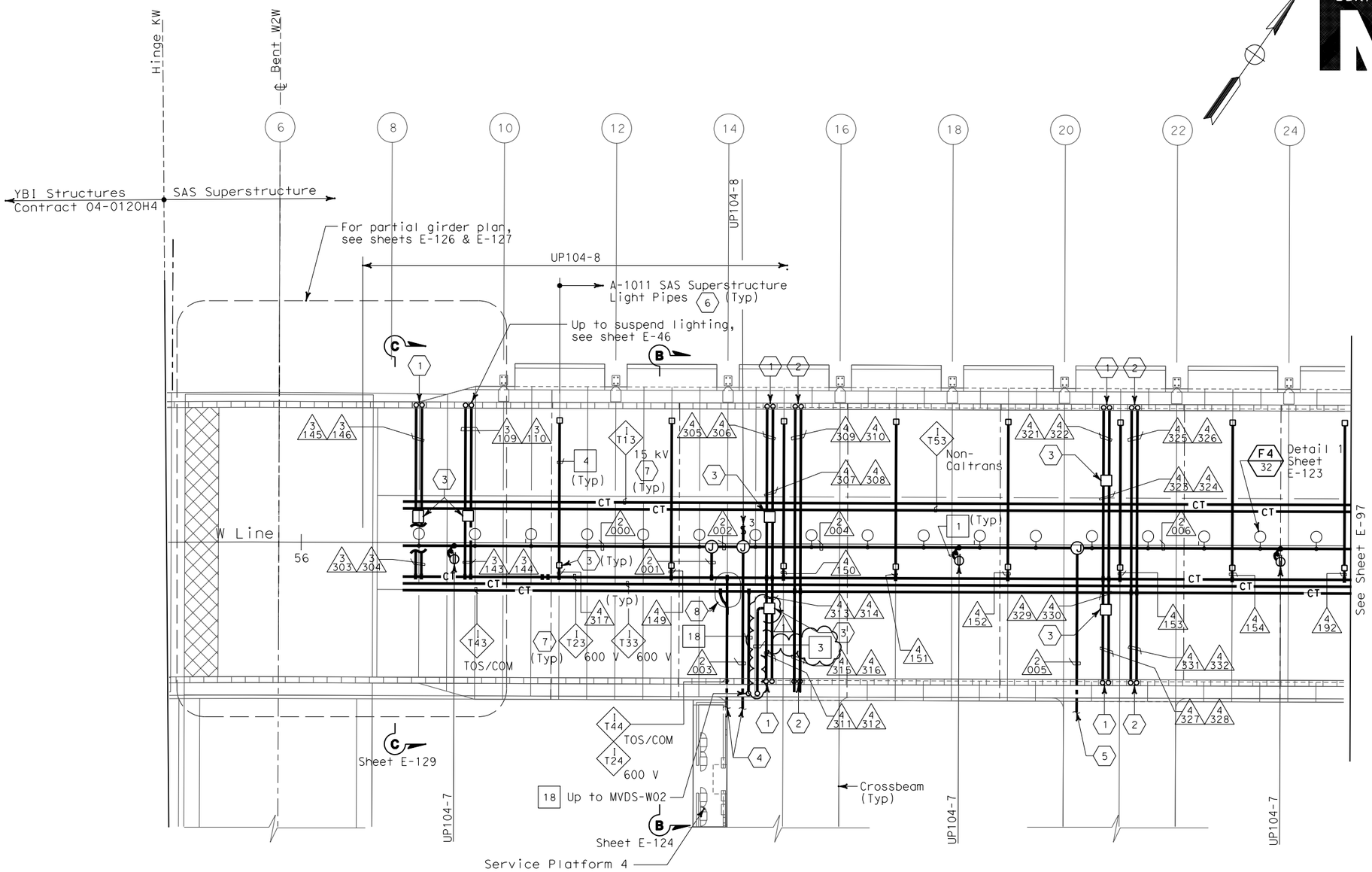

SAS SUPERSTRUCTURE - CONDUIT AND CABLE TRAY PLAN

SHEET NOTES:

1. Conduit up to PB-LTG located in barrier, see sheet E-46.
2. Conduit up to PB-COM located in barrier, see sheet E-46.
3. PB-2A locate on top of floor.
4. For cable tray run and lighting inside crossbeam, see sheet E-114.
5. For lighting inside crossbeam, see sheet E-119.
6. PB-2L with circuit for future light pipes. See sheet E-121 for installation details and E-130 for lighting schedule.
7. For cable tray & ground bar support, refer to sheet E-125.
8. For fiber splice tray detail, refer to sheet E-356.

NOTES:

1. 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.
2. For other work related to Hinge KW and items not shown on this sheet, see Electrical Special Provisions.
3. 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.
4. The cable trays are shown diagrammatically. For typical girder cable tray plans and sections, see sheets E-124 and E-125.

REGISTERED PROFESSIONAL ENGINEER MAXWELL FUMIO TAKAKI No. E 8651 Exp. 9/30/2008 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	02/19/08	ELECTRICAL MODIFICATIONS	MP EL	RR	42

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

SAS SUPERSTRUCTURE GIRDER WESTBOUND
LIGHTING AND ELECTRICAL SYSTEMS

SCALE 1:200

E-96

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT: BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY: FK | DATE 8/02 | REVISED BY
CHECKED BY: IAH | 8/02 | DATE REVISED

DATE PLOTTED => 4/4/2008
TIME PLOTTED => 4:40:31 PM
LAST REVISION 00-00-00

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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