DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	215R1	1204

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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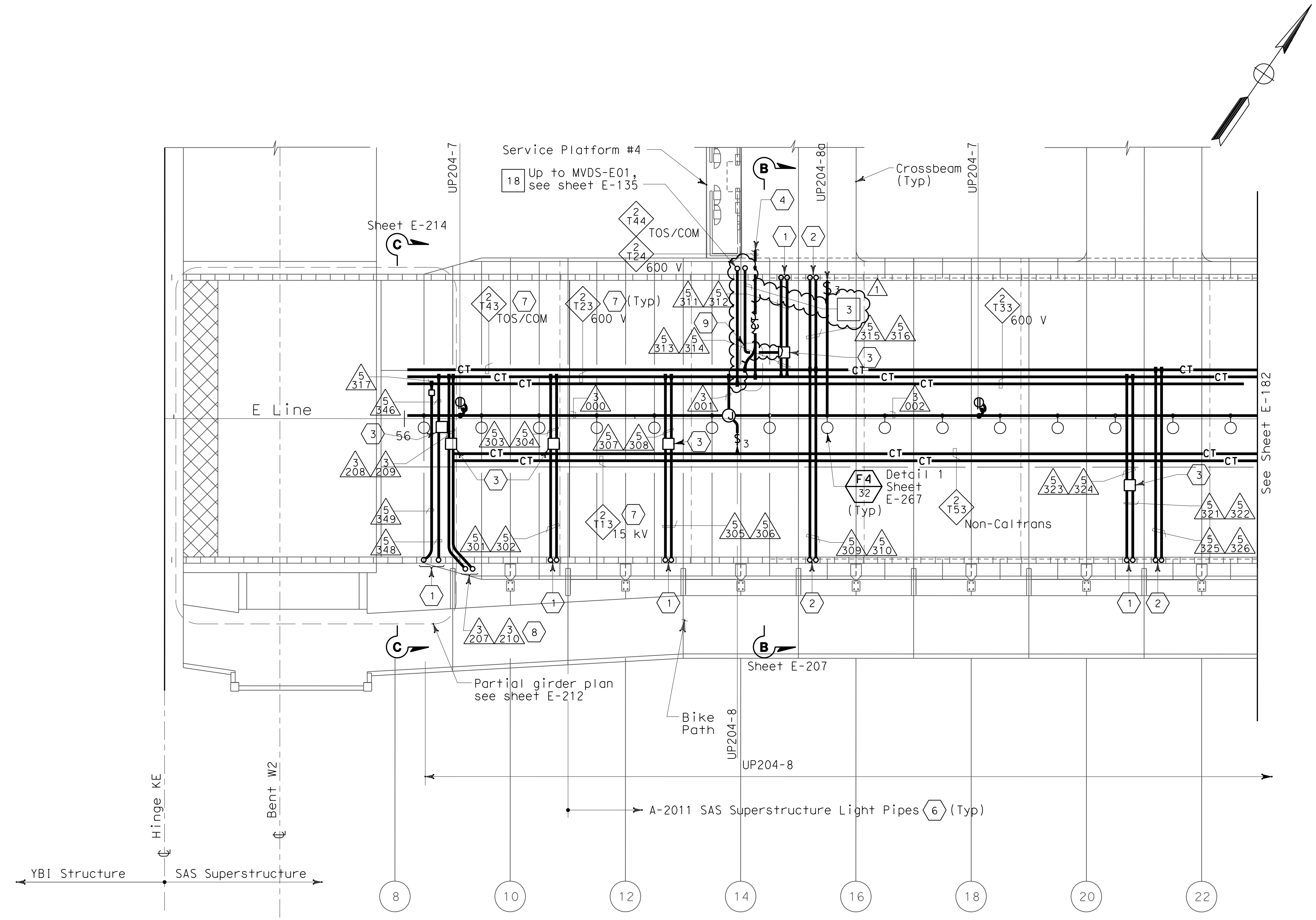
Caltrans Metric



SHEET NOTES:

1. Conduit up to PB-LTG located in barrier, see sheet E-135.
2. Conduit up to PB-COM located in barrier, see sheet E-135.
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. For future light pipes. see sheets E-202 thru E-205. For light pipe schedule, see sheet E-217.
7. For cable tray & ground bar support, refer to sheet E-208.
8. Up to suspension cable lighting, for continuation see sheet E-135.
9. For fiber splice tray detail. Refer to sheet E-211.

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-346.
   - For types of pull boxes, splice boxes and enclosures, see sheet E-169.
   - For bridge grounding plan, see sheet E-196.
   - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
2. For other work related to Hinge KE 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-206.
4. The cable trays are shown diagrammatically. For typical girder cable tray plans and sections, see sheets E-207 and E-208.

SAS SUPERSTRUCTURE - CONDUIT AND CABLE TRAY PLAN

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 EASTBOUND
LIGHTING AND ELECTRICAL SYSTEMS

SCALE 1:200

E-181

DESIGN OVERSIGHT: BEHZAD GOLEMOHAMMADI

CALCULATED/ DESIGNED BY	EDC	DATE 08/02	REVISED BY
CHECKED BY	CYF	08/02	DATE REVISED

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

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

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CU 04251
EA 0120F1

LAST REVISION 00-00-00
DATE PLOTTED => 4/4/2008
TIME PLOTTED => 4:52:09 PM