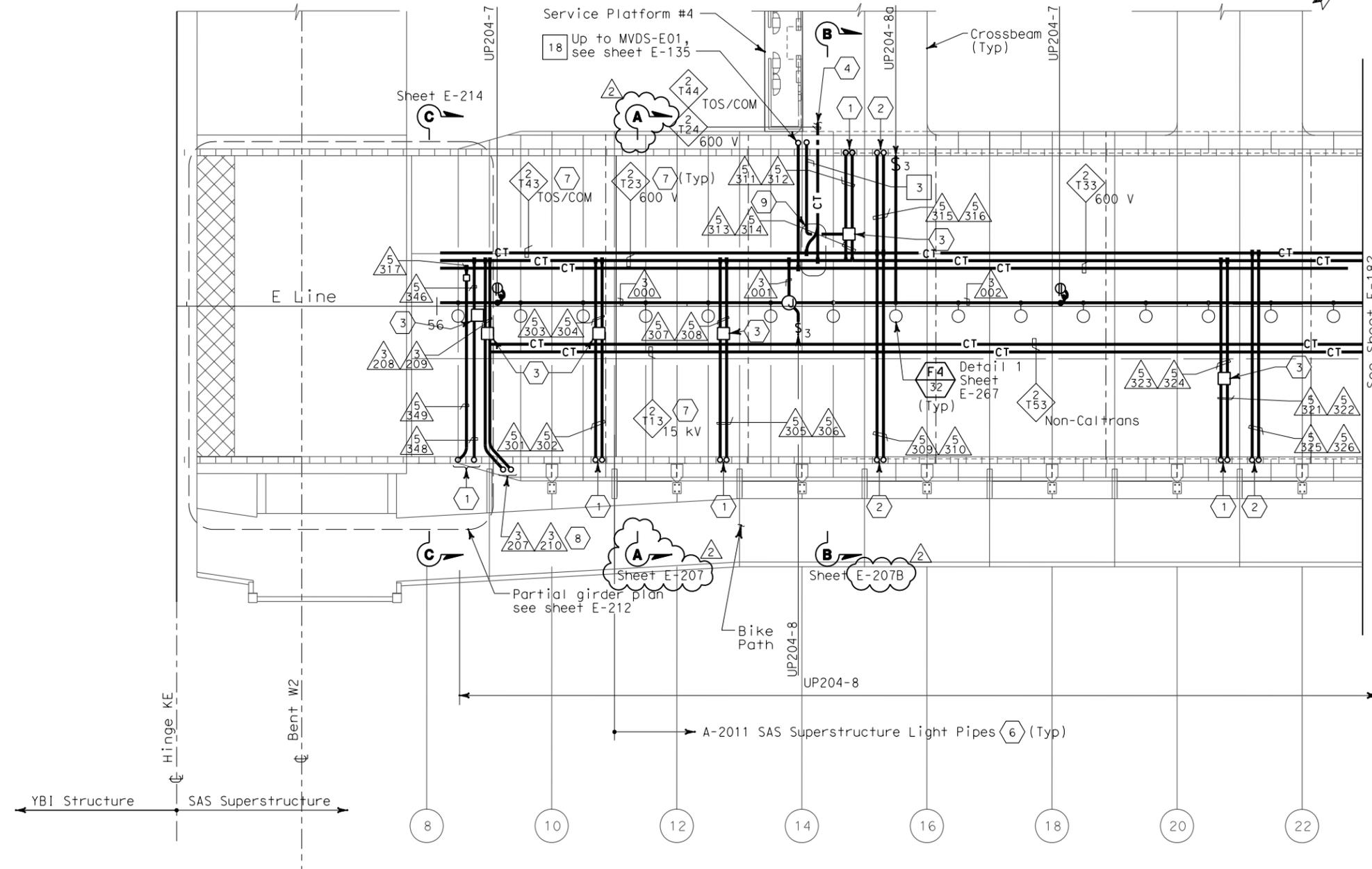


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN OVERSIGHT
 BEHZAD GOLEMOHAMMADI
 CALCULATED/DESIGNED BY EDC
 CHECKED BY CYF
 DATE 08/02
 REVISIONS
 DATE 08/02
 REVISIONS

| DIST | COUNTY | ROUTE | KILOMETER TOTAL PROJECT | POST PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|-------------------------|--------------|----------|--------------|
| 04 | SF | 80 | 13.2/13.9 | | 215 R2 | 1204 |

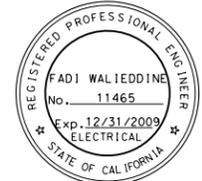
Caltrans
Metric
 REGISTERED ELECTRICAL ENGINEER
 JENS ERLINGSSON
 No. 8249
 Exp. 9/30/06
 STATE OF CALIFORNIA
 12/19/02
 REGISTERED ELECTRICAL ENGINEER DATE
 12-6-04
 PLANS APPROVAL DATE
 PB POWER, Inc.
 A Parsons Brinckerhoff Company
 303 Second St., Suite 700N
 San Francisco, CA 94107-1317
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.
 Caltrans now has a web site! To get to the web site, go to <http://www.dot.ca.gov>



SAS SUPERSTRUCTURE - CONDUIT AND CABLE TRAY PLAN

- SHEET NOTES:**
- Conduit up to PB-LTG located in barrier, see sheet E-135.
 - Conduit up to PB-COM located in barrier, see sheet E-135.
 - PB-2A, locate on top of floor.
 - For cable tray run and lighting inside crossbeam, see sheet E-114.
 - For lighting inside crossbeam, see sheet E-119.
 - For future light pipes. see sheets E-202 thru E-205. For light pipe schedule, see sheet E-217.
 - For cable tray & ground bar support, refer to sheet E-208.
 - Up to suspension cable lighting, for continuation see sheet E-135.
 - For fiber splice tray detail. Refer to sheet E-211.

- NOTES:**
- 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.
 - For other work related to Hinge KE and items 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-206.
 - The cable trays are shown diagrammatically. For typical girder cable tray plans and sections, see sheets E-207 and E-208.



FOR REVISION ONLY

| REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE | | | | | |
|---|----------|--------------------------|----|------|------|
| MARK | DATE | DESCRIPTIONS | BY | CH'D | CCO# |
| 2 | 02/25/08 | CABLE TRAY CHANGES | RG | FW | 42S1 |
| 1 | 02/19/08 | ELECTRICAL MODIFICATIONS | MP | RR | 42 |

CONTRACT CHANGE ORDER NO. _____
 SHEET _____ OF _____

SAS SUPERSTRUCTURE GIRDER EASTBOUND LIGHTING AND ELECTRICAL SYSTEMS

SCALE 1:200

E-181

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN



DATE PLOTTED => 7/11/2008
 TIME PLOTTED => 2:50:54 PM
 LAST REVISION 00-00-00