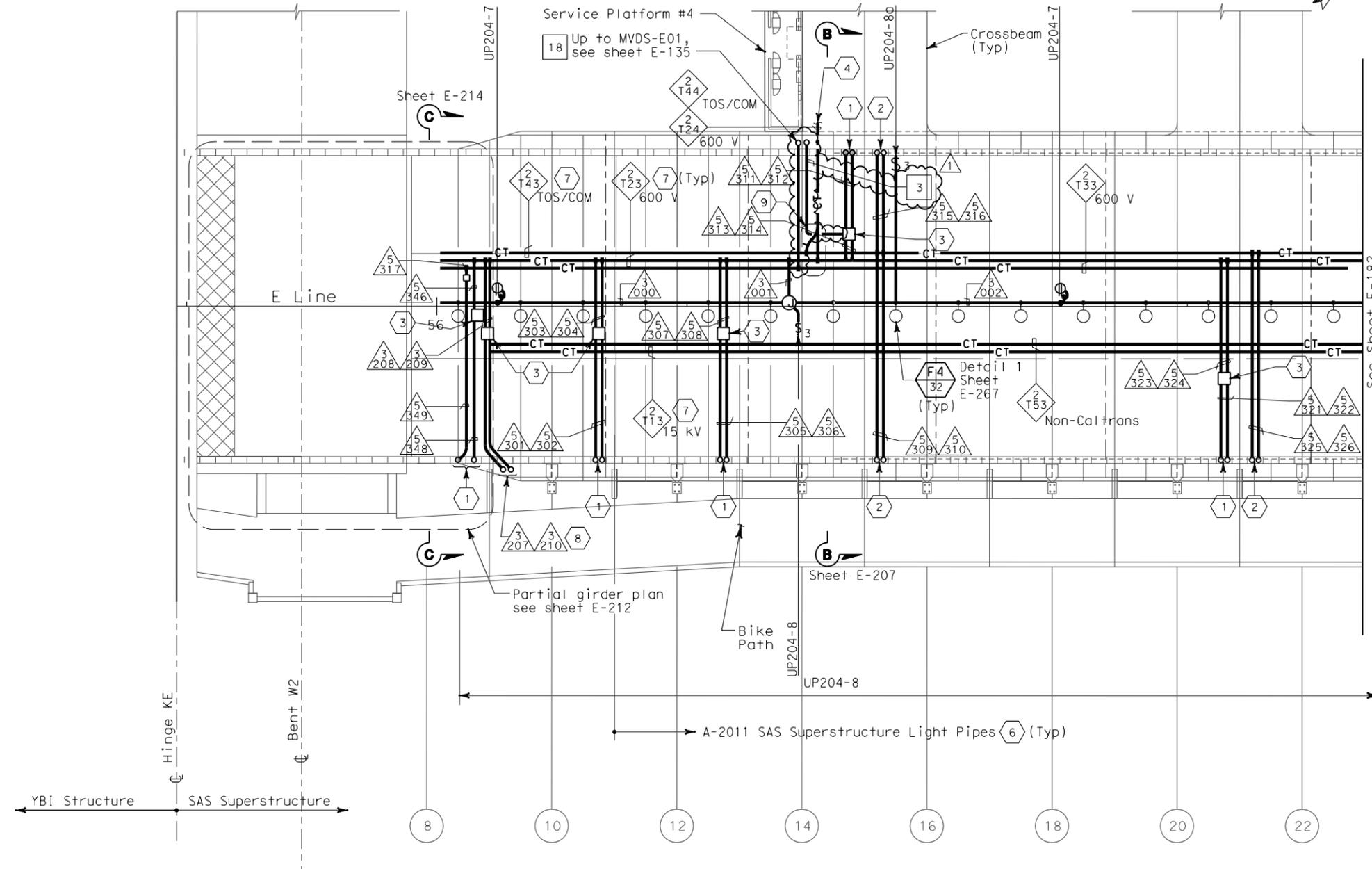


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN OVERSIGHT  
 BEHZAD GOLEMOHAMMADI  
 CALCULATED/DESIGNED BY EDC  
 CHECKED BY CYF  
 DATE 08/02  
 REVISIONS  
 DATE 08/02  
 REVISIONS

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

**Caltrans**  
**Metric**  
 REGISTERED ELECTRICAL ENGINEER  
 JENS ERLINGSSON  
 No. 8249  
 Exp. 9/30/06  
 ELECTRICAL  
 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>



- 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.

**SAS SUPERSTRUCTURE - CONDUIT AND CABLE TRAY PLAN**



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**

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN



DATE PLOTTED => 3/17/2008  
 TIME PLOTTED => 5:07:49 PM  
 LAST REVISION 00-00-00