

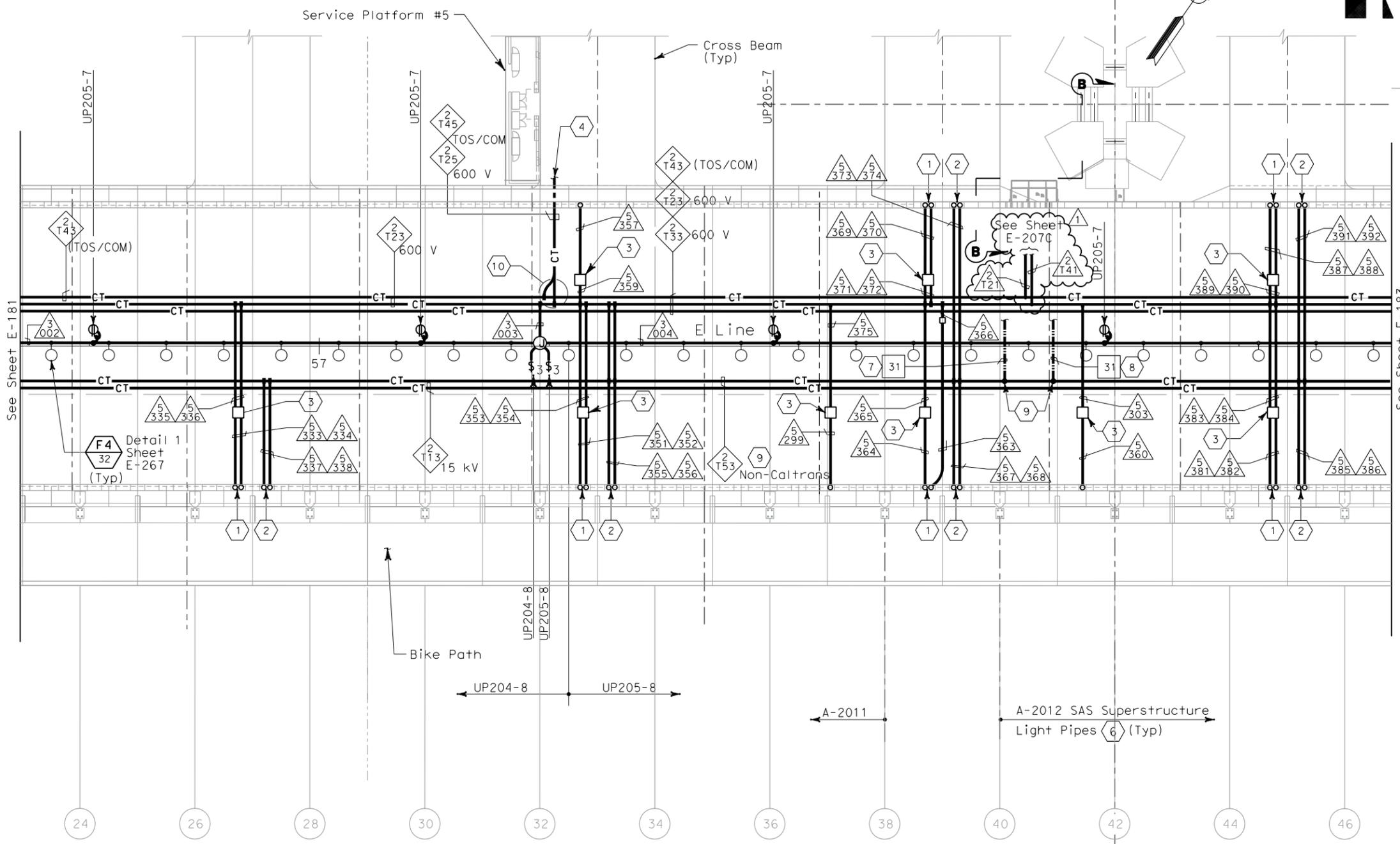


DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9		216 R1	1204

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

12-6-04  
 PLANS APPROVAL DATE  
 PB POWER, Inc.  
 A Parsons Brinckerhoff Company  
 303 Second St., Suite 700N  
 San Francisco, CA 94107-1317

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**SHEET NOTES:**

- 1 Conduit up to PB-LTG located in barrier, see sheet E-136.
- 2 Conduit up to PB-COM located in barrier, see sheet E-136.
- 3 PB-2A, locate on top of floor.
- 4 For cable tray run and lighting inside crossbeam, see sheet E-115.
- 5 For lighting inside crossbeam, see sheet E-119.
- 6 For future light pipe, see sheets E-202 thru E-204. For light pipe schedule, see sheet E-217.
- 7 Routed inside conduit 3330A.
- 8 Routed inside conduit 3339A.
- 9 250 kcmil copper grounding conductor exothermically welded to 500 kcmil system grounding conductor.
- 10 For fiber splice tray detail, refer to sheet E-355.

**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-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 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.
5. For Section B-B, see sheet E-264A.

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

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE			
1	02/25/08	CABLE TRAY CHANGES	MP RG SE 42S1
MARK	DATE	DESCRIPTIONS	BY CH'D CCO#
REVISIONS			



CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
 SHEET \_\_\_\_\_ OF \_\_\_\_\_

**SAS SUPERSTRUCTURE GIRDER EASTBOUND LIGHTING AND ELECTRICAL SYSTEMS**

SCALE 1:200

**E-182**

DESIGNED BY	REVISOR
BEHZAD GOLEMOHAMMADI	
CHECKED BY	DATE
	08/02
EDC	DATE
	08/02
DESIGNED BY	REVISOR
CHECKED BY	DATE

DESIGN OVERSIGHT  
 BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 Caltrans

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE 15 IN MILLIMETERS

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 USERNAME =>llorico CU 04251 EA 0120F1

DATE PLOTTED => 7/11/2008  
 TIME PLOTTED => 2:54:02 PM  
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