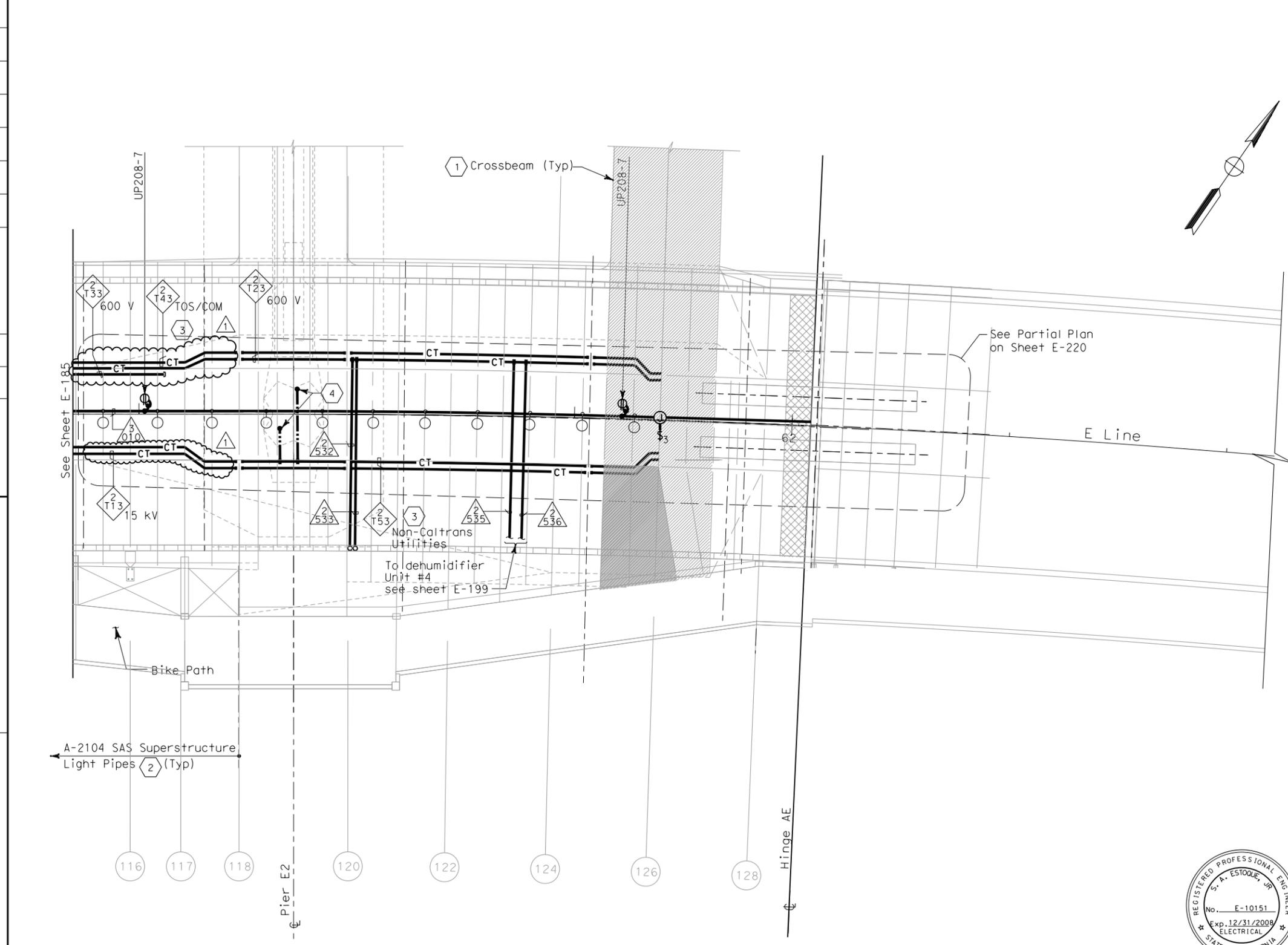


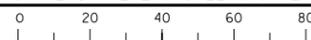
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN OVERSIGHT
 BEHZAD GOLEMOHAMMADI



SAS SUPERSTRUCTURE - CONDUIT AND CABLE TRAY PLAN

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN.
 FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

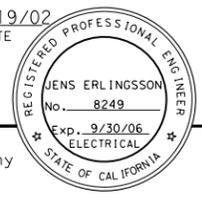


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 USERNAME =>llorico CU 04251 EA 0120F1



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	220 R1	1204	

Jens Erlingsson 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:

- 1 For lighting inside crossbeam, see sheet E-119.
- 2 For future light pipes, see sheets E-202 thru E-204. For light pipe schedule, see sheet E-217.
- 3 For cable tray & ground bar support, refer to sheet E-208.
- 4 250 kcmil bare copper grounding conductor exothermically welded to 500 kcmil system ground conductor. See E2/T1 Structures Contract 04-0120E4. For continuation, see sheet E-196.

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 Hinge AE 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.



S. A. Estoque
 FOR REVISION ONLY

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE			
MARK	DATE	DESCRIPTIONS	BY CH'D CCO#
△	02/25/08	CABLE TRAY CHANGES	JD RG SE 4251
REVISIONS			

CONTRACT CHANGE ORDER NO. _____
 SHEET _____ OF _____

SAS SUPERSTRUCTURE GIRDER EASTBOUND LIGHTING AND ELECTRICAL SYSTEMS

SCALE 1:200

E-186

DATE PLOTTED => 7/11/2008
 TIME PLOTTED => 2:53:27 PM
 00-00-00
 LAST REVISION