DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	140 R1	1204

Jens Erlingsson 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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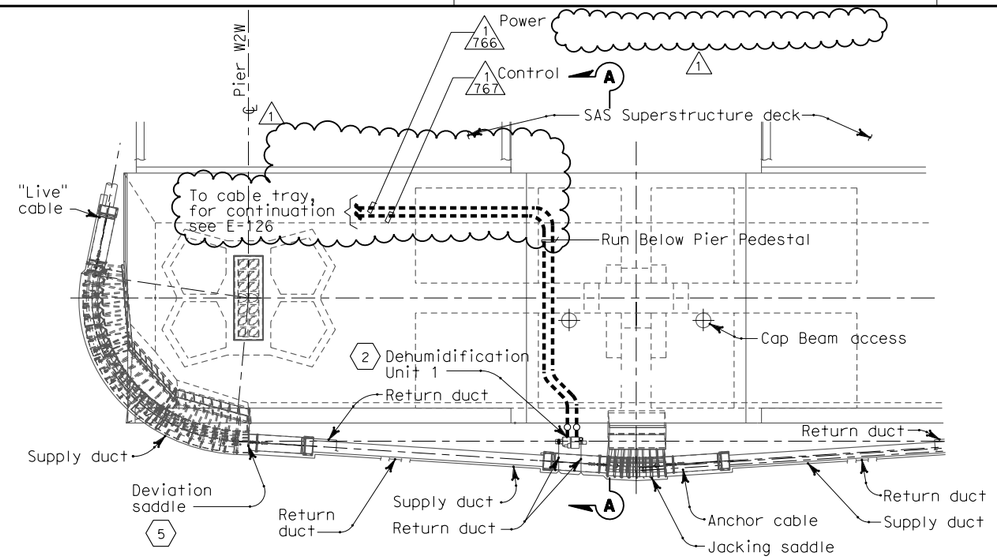
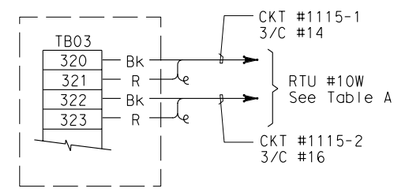
Caltrans Metric



DEHUMIDIFICATION PLAN
NO SCALE



DEHUMIDIFICATION CONTROLLER
SHOWN FOR DEHUMIDIFICATION UNIT #1
FOR OTHER UNITS, SEE TABLE A

REGISTERED PROFESSIONAL ENGINEER S. A. ESTOQUE, JR. No. E-10151 Exp. 12/31/2008 ELECTRICAL STATE OF CALIFORNIA

FOR REVISION ONLY

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

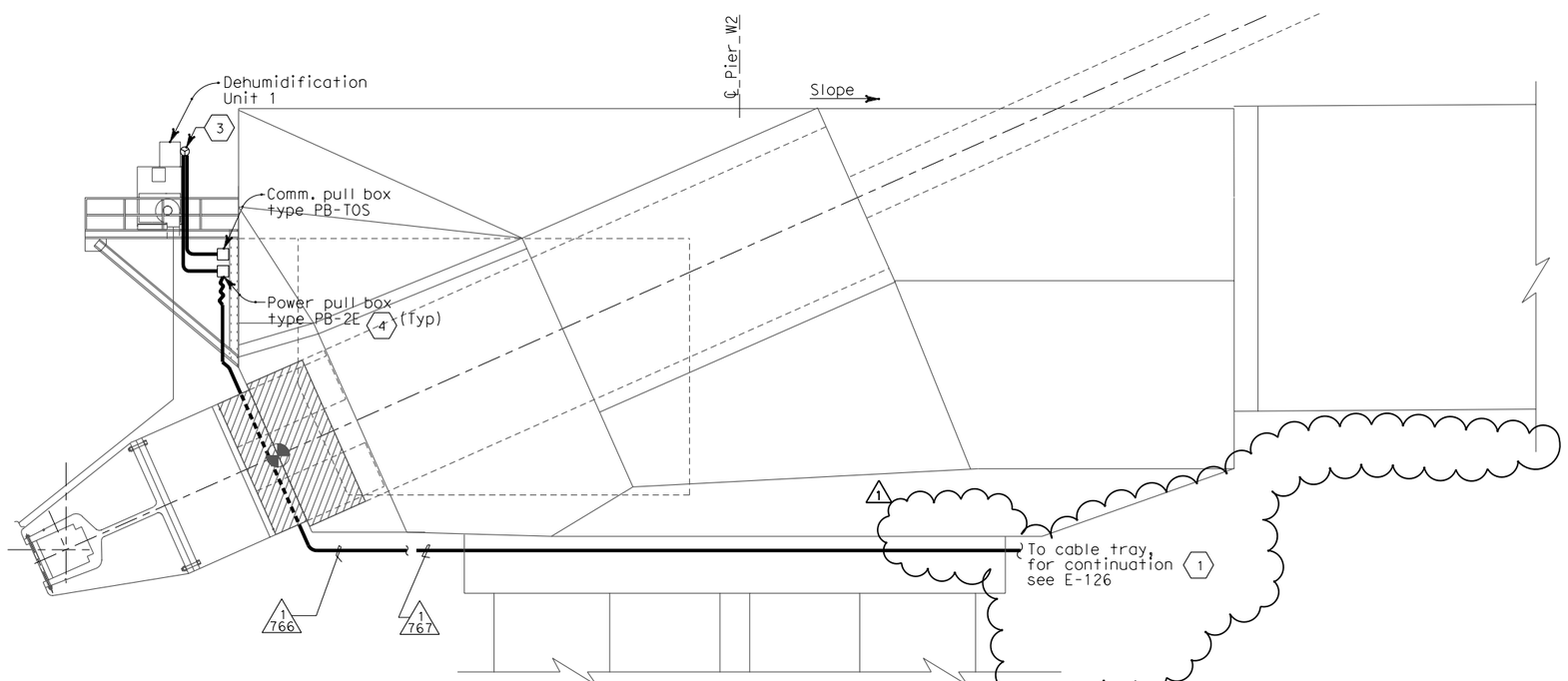
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	02/25/08	CABLE TRAY CHANGES	TW	RG SE	42S1

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

SHEET NOTES:

1. Route power and control conduits and cables from dehumidifier to 600 V cable tray #1T29 for circuits #1115, 1115-1 and 1115-2.
2. Dehumidification Unit 1 is 480 V, 3 phase, 16 kW (estimated load) with integral circuit breaker disconnect.
3. Final connections to dehumidifier shall be liquid tight flexible metal conduit.
4. Type PB-2E junction box (203 x 203 x 102) see pull box schedule sheet E-83.
5. Views of Deviation Saddle are for illustration only. For Deviation Saddle details, see "West Deviation Saddle Details" sheets.



SECTION A-A
NO SCALE

NOTES:

1. References:
   - See sheets M001 through M011 for dehumidifier plans and details.
   - See sheet E-29 for dehumidifier single line diagram (circuit #1115).

TABLE A

EQUIPMENT	CIRCUIT NO.	RTU CAB.	DWG NO.
Dehumidification Unit #1	1115-1 1115-2	RTU #10W RTU #10W	E-330 E-330
Dehumidification Unit #2	2120-1 2120-2	RTU #10E RTU #10E	E-331 E-331
Dehumidification Unit #3	1117-1 1117-2	RTU #11W RTU #11W	E-332 E-332
Dehumidification Unit #4	1118-1 1118-2	RTU #11W RTU #11W	E-332 E-332
Dehumidification Unit #5	2121-1 2121-2	RTU #10E RTU #10E	E-331 E-331

DETAILS
SAS SUPERSTRUCTURE ROADWAY WESTBOUND DEHUMIDIFIER UNIT 1
SCALE AS NOTED

E-79

REVISED BY	DATE REVISED
KG	12/01

CALCULATED/DESIGNED BY	DATE 12/01
CHECKED BY	FK

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

LAST REVISION 00-00-00
DATE PLOTTED => 4/18/2008
TIME PLOTTED => 5:30:07 PM

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

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