DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	311 R1	1204

REGISTERED ELECTRICAL ENGINEER 12/19/02 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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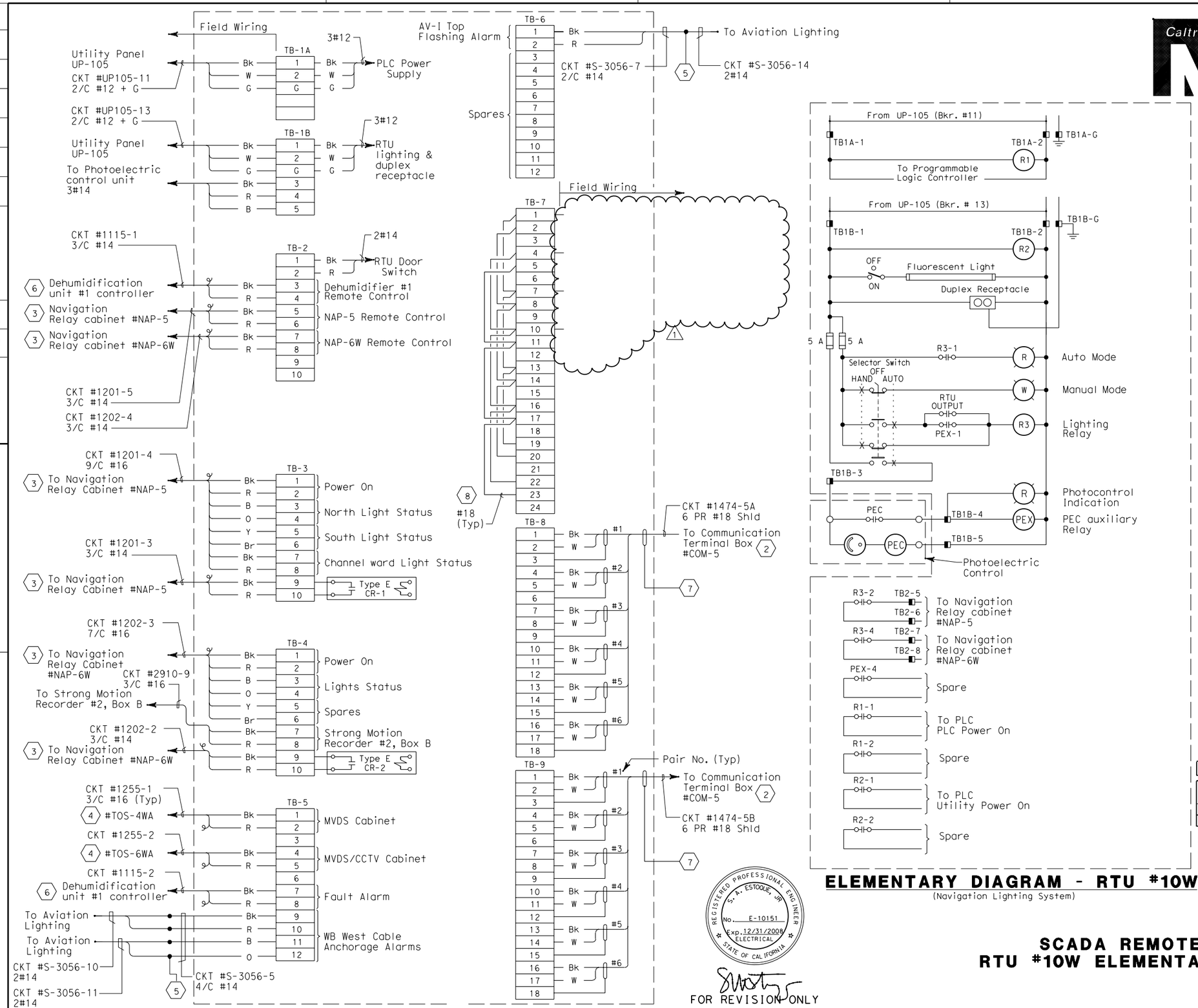
Caltrans Metric



CONNECTION DIAGRAM - RTU #10W

ELEMENTARY DIAGRAM - RTU #10W

(Navigation Lighting System)

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

FOR REVISION ONLY

SHEET NOTES:

1. Deleted.
2. For connection diagram to scada system, see sheet E-324.
3. For navigation system connection diagrams, see sheet E-303.
4. Connections to panel door switch. For remote alarm status to RTU.
5. Conductors spliced inside junction box PB-2A located inside the girder.
6. For connection diagram to dehumidification controller, see sheet E-79.
7. Field to tape cable overall shield wire.
8. The Contractor shall install resistors, approximately equal to the impedance (Zo) of the twised pairs, at the extreme ends of the multidrop network.

NOTES:

1. All spare conductors shall be coiled and taped at conductor ends unless terminated.
2. Terminate cable shields to low level ground bus.
3. References:
   - For UP-105 panel schedule, see sheet E-60.
   - For navigation system elementary diagram, see sheet E-298.
   - For RTU #10W panel layout, see sheet E-320.
   - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
   - For strong motion detection system cable block diagrams, see sheet E-383.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	03/04/08	BARRIER MODIFICATIONS	JS BM	RG SE	44

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET_____ OF _____

DETAILS
SCADA REMOTE TERMINAL UNIT SYSTEM
RTU #10W ELEMENTARY AND CONNECTION DIAGRAM

NO SCALE

E-330

DATE	BY	CALCULATED/ DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
10/01	EDC	JL			
12/01					

DESIGN OVERSIGHT: BEHZAD GOLEMOHAMMADI

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

LAST REVISION 00-00-00

DATE PLOTTED => 5/22/2008
TIME PLOTTED => 10:55:51 AM

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

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

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