| DIST | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|---|---|---|---|---|---|
| 04 | SF,Ala | 80 | 12.2/14.3<br>0.0/4.0 | 407a<br>09S06 | 1204 |

Syn Yee Chin 03/08/10
REGISTERED ELECTRICAL ENGINEER DATE

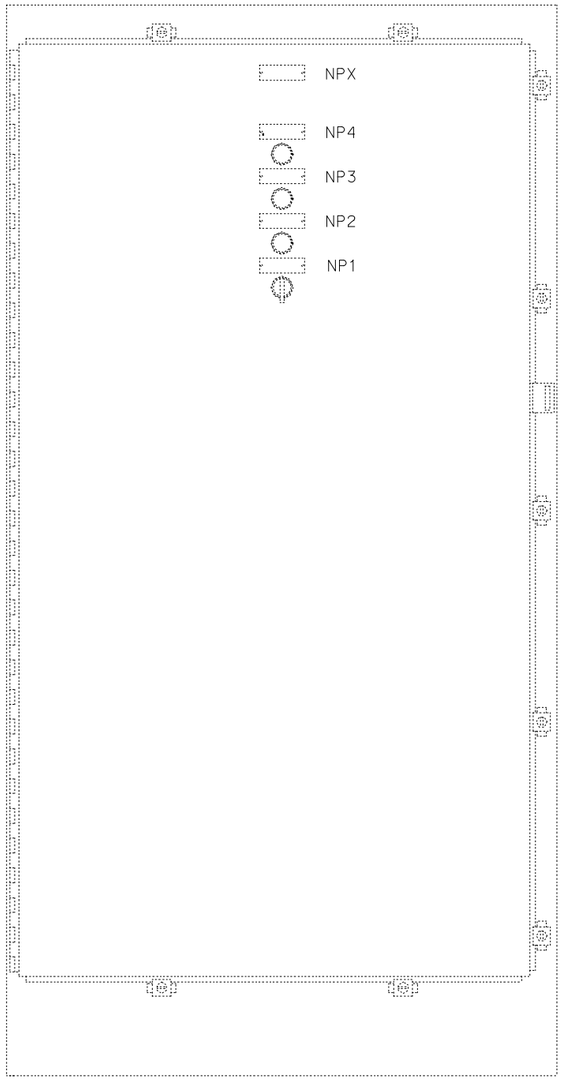
REGISTERED PROFESSIONAL ENGINEER
SYN YEE CHIN
No. 18186
Exp. 09/30/2011
ELECTRICAL
STATE OF CALIFORNIA

05-06-2010
PLANS APPROVAL DATE

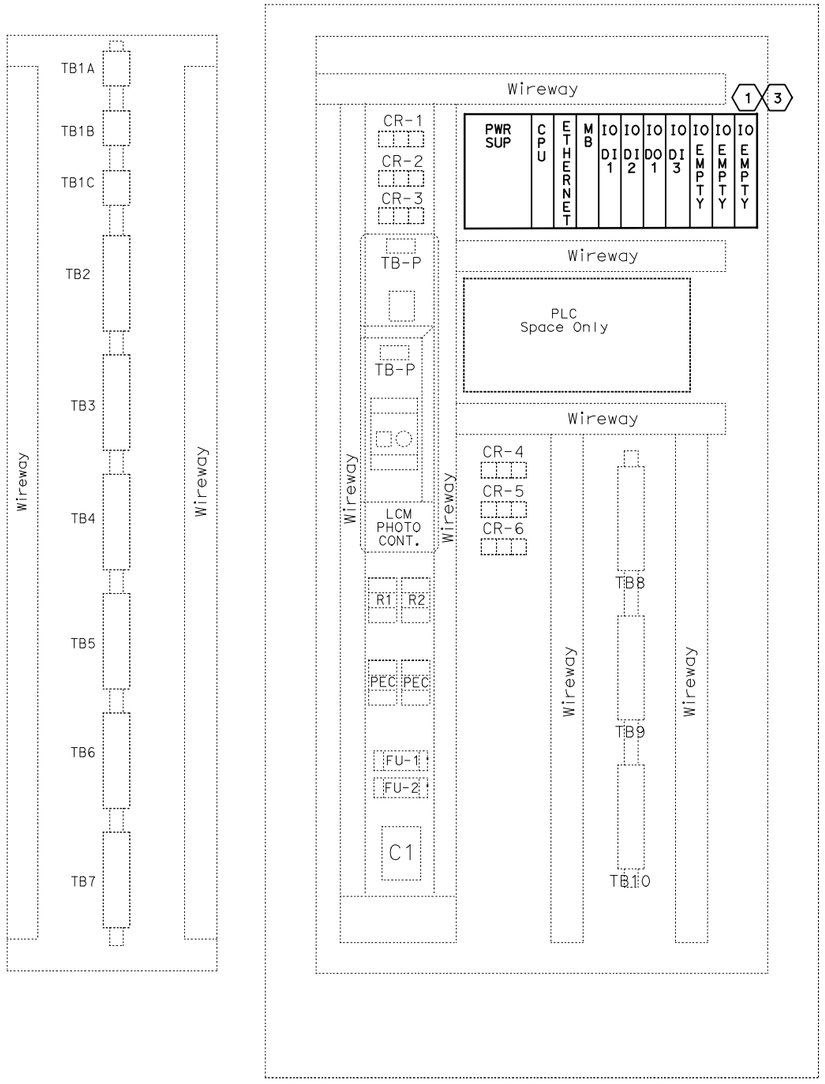
PB AMERICAS, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317

*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.*

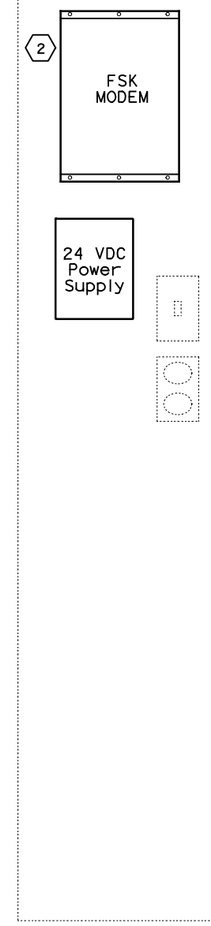
*Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov*




**EXTERIOR**




**INTERIOR**




## NOTES:

1. Refer to the special provisions for the PLC and FSK Modem requirements.
2. For RTU wiring refer to the following sheets:
   - RTU #12W - Sheets E-904, 905, 906
   - RTU #12E - Sheets E-907, 908, 909.

## SHEET NOTES:

(1) Contractor shall furnish and install a new GE Fanuc PAC Systems RX3i PLC in the existing RTU.

(2) Contractor shall furnish and install a new Frequency Shift Key (FSK) modem and 120v (AC) to 21v-28v (DC) power supply in the existing RTU.

(3) Contractor shall install the input and output cards.

*REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE*

| MARK | DATE | DESCRIPTIONS | BY | CH'D | CCO# |
|---|---|---|---|---|---|
| 0 | 03/08/10 | MEP INTEGRATION | JE | FW | 110 |

REVISIONS

CONTRACT CHANGE ORDER NO._____
SHEET _____ OF _____

# DETAILS
## SCADA REMOTE TERMINAL UNIT SYSTEM
## RTU #12W AND #12E ASSEMBLY

NO SCALE

**E-903**

DESIGN OVERSIGHT
BEHZAD GOLEMOHAMMADI

CALCULATED/DESIGNED BY
CHECKED BY
SYC
FW
DATE 01/10
01/10
REVISED BY
DATE REVISED

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

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

DGN FILE =>04-0120f1_E-903.dgn
USERNAME =>llorico

CU 04251
EA 0120F1

LAST REVISION 00-00-00
DATE PLOTTED => 25-MAY-2010
TIME PLOTTED => 15:06