DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Theresa Gabriel
REGISTERED ELECTRICAL ENGINEER

July 1, 2002
PLANS APPROVAL DATE

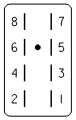
REGISTERED PROFESSIONAL ENGINEER Theresa A. Gabriel No. E15129 Exp. 6-30-04 ELECTRICAL STATE OF CALIFORNIA

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.

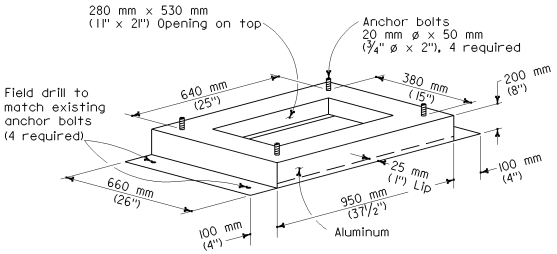
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov

The flash transfer relay shall intermate with a CINCH-JONES Socket S-408-SB or equal connected as follows:

Pin No	Circuit	Pin No	Circuit
1	Coil	5	Common, Circuit #1
2	Coil	6	Common, Circuit #2
3	NC Circuit #1	7	NO Circuit #1
4	NC Circuit #2	8	NO Circuit #2

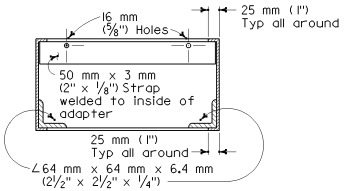


CONNECTOR SOCKET
FLASH TRANSFER RELAY

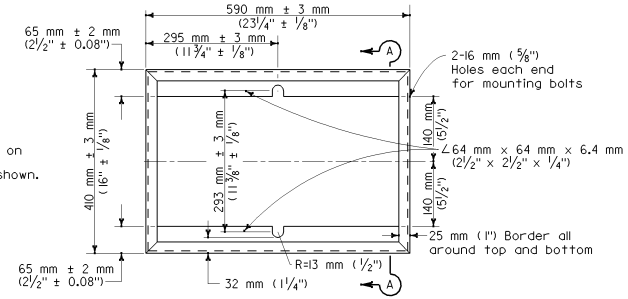


TYPE PR CABINET ADAPTER

1. Material: 4.78 mm (0.188") thickness aluminum plate.
2. Mount adapter on Type P or Type R cabinet foundation.



SECTION A-A



TOP VIEW

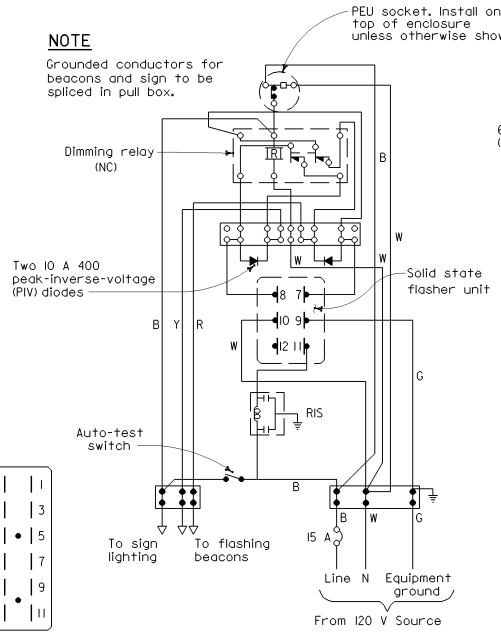
The flasher shall intermate with a CINCH-JONES Socket S-406-SB or equal connected as follows:

Pin No	Circuit	Pin No	Circuit
7	Load, Ckt #1	10	ac+
8	Load, Ckt #2	11	ac-
9	Chassis Ground	12	Not used

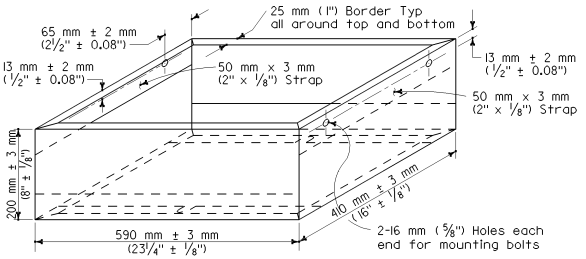
CONNECTOR SOCKET
SOLID STATE FLASHER UNIT

NOTE

Grounded conductors for beacons and sign to be spliced in pull box.



WIRING DIAGRAM
FLASHING BEACON CONTROL ASSEMBLY

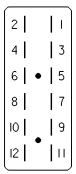


TYPE M CABINET ADAPTER

1. Mount adapter on Type M cabinet foundation.
2. Mounting bolts shall be 10 mm (3/8") ø minimum size.
3. Aluminum, 4.78 mm (0.188") thickness.

The Solid-state switching devices shall intermate with a CINCH-JONES Socket S-2412-SB or equal connected as follows:

Pin No	Circuit	Pin No	Circuit
1	ac+ Lights	7	Green or Walk Output
2	Chassis Ground	8	Yellow Input
3	Red or Don't Walk Output	9	dc+ (15 to 24 V)
4	Not used	10	Green or Walk Input
5	Yellow Output	11	ac-
4	Red or Don't Walk Input	12	Not used



CONNECTOR SOCKET
SOLID STATE SWITCHING DEVICE

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS CONTROLLER CABINET DETAILS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-3B