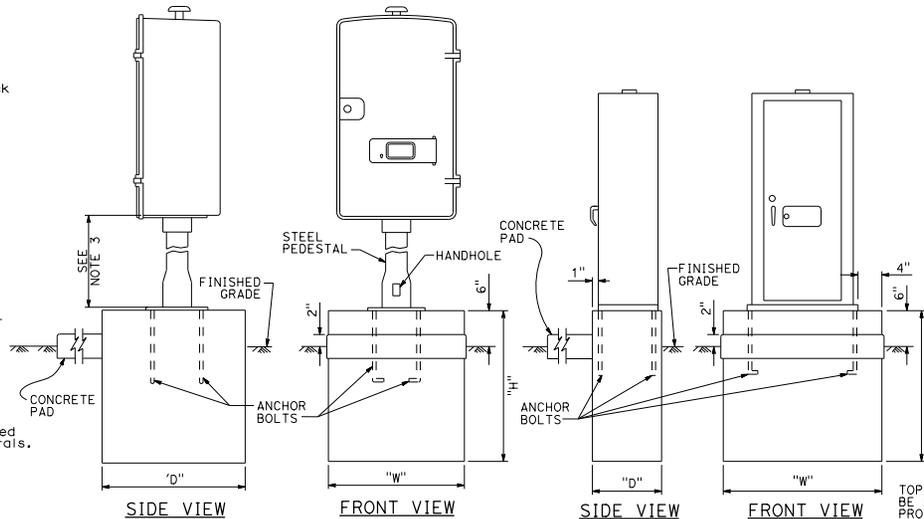


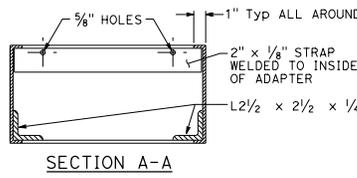
**NOTES:**

1. Type G, M, P, R, S and Model 336L cabinets shall be installed with the back toward the nearest lane of traffic.
2. In unpaved areas, a raised portland cement concrete pad shall be constructed in front of each controller cabinet. The pad shall be 3'-0" x 3'-0" x 4" for a Type G cabinet and shall be 3'-0" x 4" thick x width of foundation for Type M, P, R, S and Model 336L cabinets.
3. The steel pedestal, base plate and bolt circle for Type G cabinet shall be the same as that shown for a Type 1-C Standard (see RSP ES-7B). Pedestal shall be 2'-1" to 2'-6" in length. Anchor bolts shall be 3/4" x 1'-6" with a 2" - 90° bend. Four bolts required per cabinet.
4. Type G cabinet shall be provided with a slipfitter to permit mounting an 4 1/2" outside diameter pedestal. Slipfitter shall be bolted to bottom of the cabinet.
5. A 1" drain shall be provided through the foundation of a Type M or Model 336L cabinet. Drain pipe shall be screened.
6. Cabinet shelves shall be adjustable for vertical spacing and shall be removable. Type M, P, R and S cabinets shall be provided with a minimum of two shelves.
7. Controller units, plug-mounted equipment, shelf-mounted equipment and wall-mounted equipment shall be located to permit safe and easy removal or replacement without removing any other piece of equipment.
8. Where telephone interconnect is required, a minimum of 5" clear vertical space shall be provided inside the cabinet for the equipment.
9. Telephone interconnect conductors shall be enclosed in a 3/4" C or larger conduit through the foundation. Type 4 conduit shall be used to separate telephone and power conductors in cabinets or pedestals.
10. Anchor bolts for Type M, P, R, S and Model 336L cabinets shall be 3/4" ø x 1'-6" with a 2" - 90° bend.

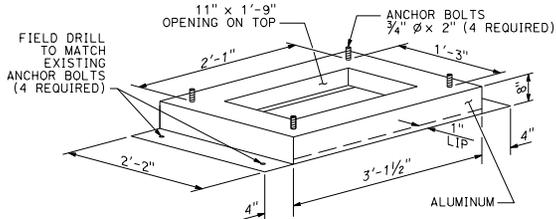


**FOUNDATION FOR  
TYPE G CABINET  
DETAIL A**

**FOUNDATION FOR  
TYPE P, R AND S CABINETS  
DETAIL B**

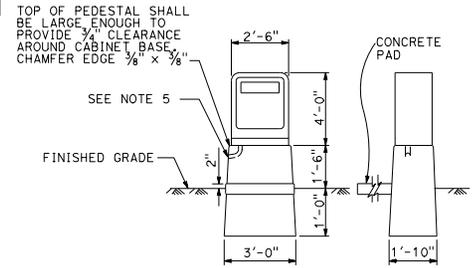


**SECTION A-A**

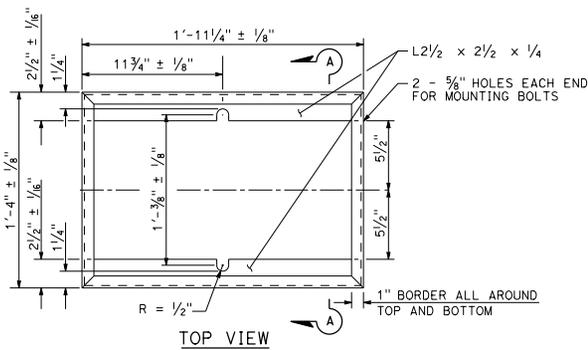


**TYPE PR CABINET ADAPTER**

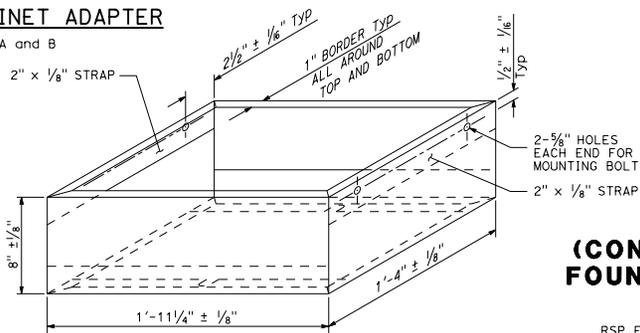
See Notes A and B



**FRONT VIEW SIDE VIEW  
PEDESTAL FOUNDATION  
FOR TYPE M OR  
MODEL 336L CABINET  
DETAIL C**



**TOP VIEW**



**TYPE M CABINET ADAPTER**

See Notes A, C, and D

**NOTES:**

- A. Material: 0.188" thickness aluminum plate.
- B. Adapter for Type P or Type R cabinet foundation.
- C. Adapter for Type M cabinet foundation.
- D. Mounting bolts shall be 3/8" ø minimum size.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**ELECTRICAL SYSTEMS  
(CONTROLLER CABINET ADAPTER,  
FOUNDATIONS, AND PAD DETAILS)**

NO SCALE

RSP ES-3B DATED APRIL 15, 2016 SUPERSEDES RSP ES-3B  
DATED OCTOBER 30, 2015 AND STANDARD PLAN ES-3B DATED  
MAY 20, 2011 - PAGE 436 OF THE STANDARD PLANS BOOK DATED 2010.

**REVISED STANDARD PLAN RSP ES-3B**

D16+	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL NO. SHEETS

Theresa Gabriel  
REGISTERED ELECTRICAL ENGINEER

April 15, 2016  
PLANS APPROVAL DATE

Theresa Gabriel  
No. E15129  
Exp. 6-30-16  
REGISTERED PROFESSIONAL ENGINEER  
ELECTRICAL  
STATE OF CALIFORNIA

TO ACCOMPANY PLANS DATED \_\_\_\_\_

CABINET TYPE	FOUNDATION		
	"W"	"H"	"D"
G	2'-0"	3'-6"	2'-0"
M	3'-2"	2'-6"	1'-6"
P	4'-4 1/2"	1'-6"	2'-4"
R	4'-2"	1'-6"	2'-4"
S	5'-11 1/2"	1'-6"	2'-4"

2010 REVISED STANDARD PLAN RSP ES-3B