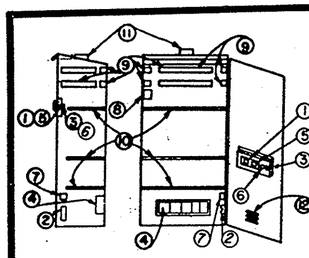
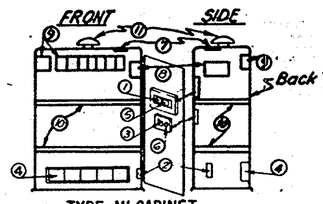
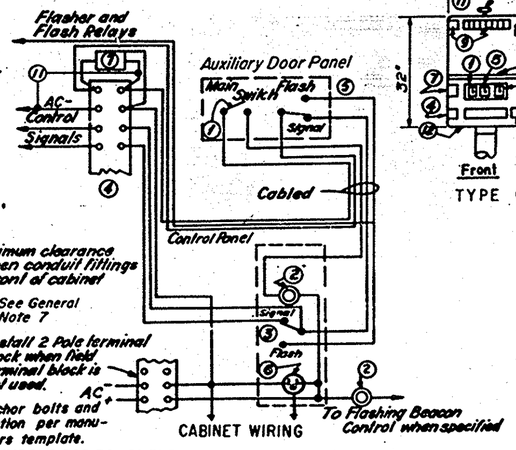
EXACT® STRAIGHT EDGE RULE SE-48

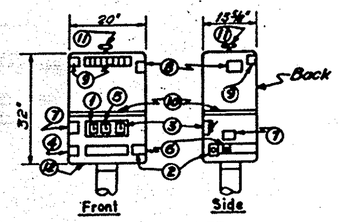




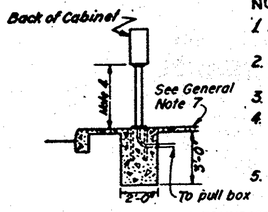
TYPE M1 CABINET



CABINET WIRING



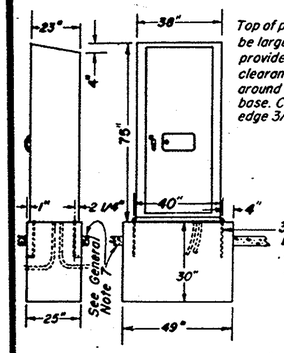
TYPE G CABINET



PEDESTAL AND FOUNDATION
TYPE G AND PRE-TIMED CONTROLLER CABINETS

NOTES:

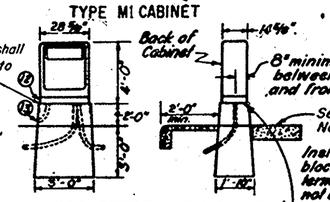
1. Pedestal, base, and foundation details similar to Standard. (Unless otherwise specified.)
2. Cabinets shall be provided with slip fitter to permit mounting on 4 1/2" O.D. pedestal.
3. Upper end of pedestal shall be 4 1/2" O.D.
4. The distance between the bottom of the controller cabinet and top of the foundation shall be:
   3'-7" for pre-timed controllers.
   3'-0" for traffic actuated controllers.
5. Conduit between foundation and adjacent pull box shall be 2" size minimum.



Top of pedestal shall be large enough to provide 3/4" clearance all around cabinet base. Chamfer edge 3/8" x 3/8".

3/4" x 16" Anchor bolts. Length does not include 2"-90° bend. (4 Req'd)

TYPE R CABINET



8" minimum clearance between conduit fittings and front of cabinet

See General Note 7

Install 2 Pole terminal block when field terminal block is not used.

Anchor bolts and installation per manufacturers template.

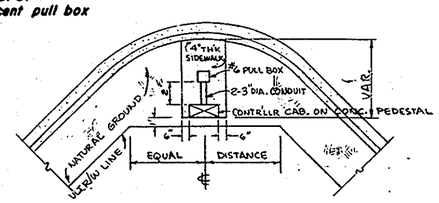
P.C.C. PEDESTAL FOUNDATION
TYPE M1 CABINET

GENERAL INSTALLATION NOTES- ALL CABINETS

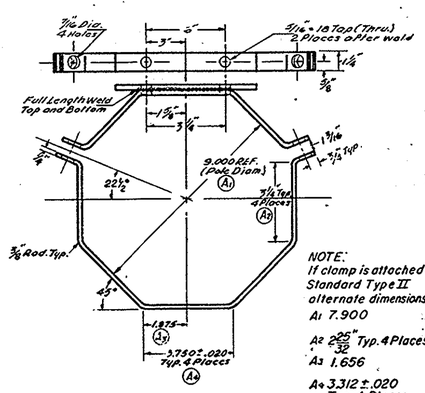
1. All cabinet dimensions are nominal.
2. Foundations shall be located to provide 2'-0" minimum clearance between face of curb and back of cabinet.
3. One anchor bolt shall be bonded to conduit or ground wire.
4. If telephone interconnect is specified a minimum of 5 inches clear vertical space shall be left beneath all other equipment inside cabinet.
5. Not more than two conductors from a detector or push-button circuit shall be connected to a terminal on the terminal board in the controller cabinet.
6. For telephone interconnect a 3/4" conduit shall be installed inside the steel or P.C.C. pedestal to a point 1 inch above the cabinet or finished surface of the P.C.C. pedestal. Conduit shall terminate in a No. 3-1/2 pull box adjacent to the foundation.
7. In unpaved areas, a raised P.C.C. pad of 2'-6" x 3'-0" x 0'-4" for Type G, M and Pre-timed controller cabinets and of 4'-1" x 3'-0" x 0'-4" for Type R cabinets shall be placed in front of each controller cabinet.
8. In all unpaved areas top of foundation for G, R and Pre-timed controller cabinets shall be 6" above surrounding grade. In paved areas top of foundation shall be level with surrounding grade.
9. Anchor bolts, nuts and washers shall be galvanized.
10. Locations shown for equipment is typical only.
11. Controllers and relays shall be located to permit easy and safe removal from plug-in mounting.

SYMBOLS FOR EQUIPMENT IN CABINETS

(1) Main switch
(2) Fuse receptacle. Cartridge fuses in Type R cabinet. Plug fuses in other cabinets.
(3) Controller - Flash - Signal switch
(4) Field wire terminal blocks. Mount on metal shelf when specified.
(5) Auxiliary door flash switch
(6) N.E.M.A. Standard plug receptacle with grounding contact
(7) Radio interference suppressor
(8) Flasher
(9) External light and control relays
(10) Shelf (adjustable every 2" in Type R cabinet) Controller unit located on top shelf.
(11) Raintight vent (and cabinet fan when specified)
(12) Screened vent, 8-1/2" holes or louvers
(13) 1" Drain pipe with screen



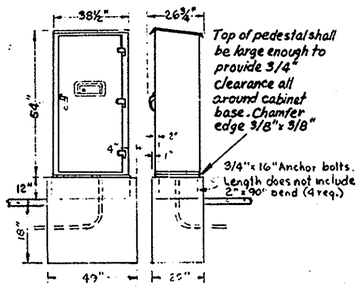
TYPICAL CONTROLLER CABINET LOCATION WITH NO EXISTING SIDEWALK



NOTE:
If clamp is attached onto Standard Type II alternate dimensions apply:
A1 7.900
A2 2 25/32" Typ. 4 Places
A3 1.656
A4 3.312 ± .020 Typ. 4 Places

POLE CLAMP

For use in attaching controller cabinet to Marbelite Standard Type III



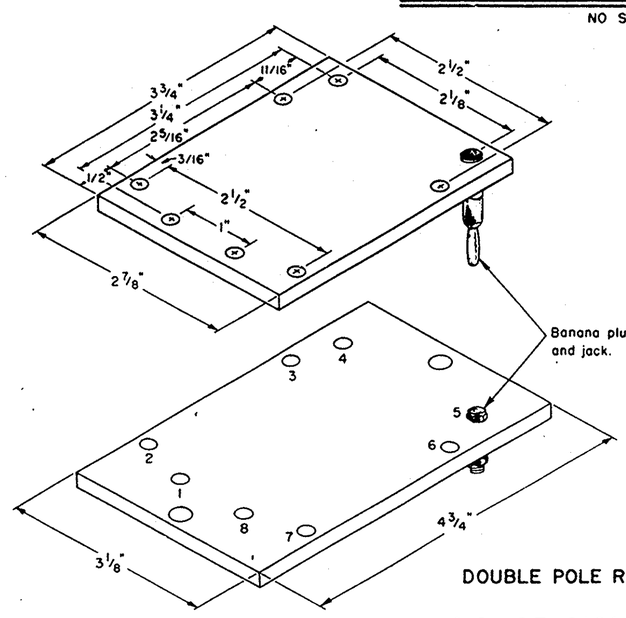
Top of pedestal shall be large enough to provide 3/4" clearance all around cabinet base. Chamfer edge 3/8" x 3/8"

3/4" x 16" Anchor bolts. Length does not include 2" x 90° bend (4 req.)

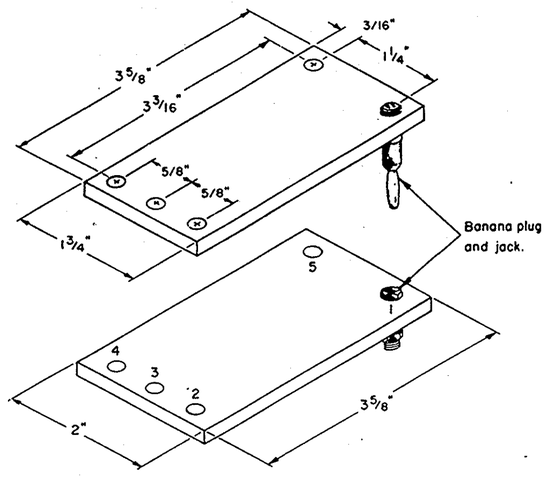
TYPE P1 CABINET

DETAILS OF CONTROLLER CABINETS

NO SCALE



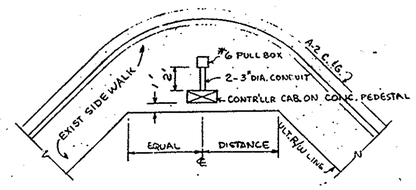
DOUBLE POLE RELAY



SINGLE POLE RELAY

DETAILS OF SIGNAL LIGHT RELAYS

NO SCALE



TYPICAL CONTROLLER CABINET LOCATION IN EXISTING SIDEWALK

AS BUILT

ORANGE COUNTY ROAD DEPARTMENT

ORANGETHORPE AVE. - LINDA VISTA AVE. INTERSECTION

153

Dr. 12 ([redacted])

[redacted] Linda Vista Avenue

Dr. 11 (9,825)

U/24