CF-2

TOP VIEW
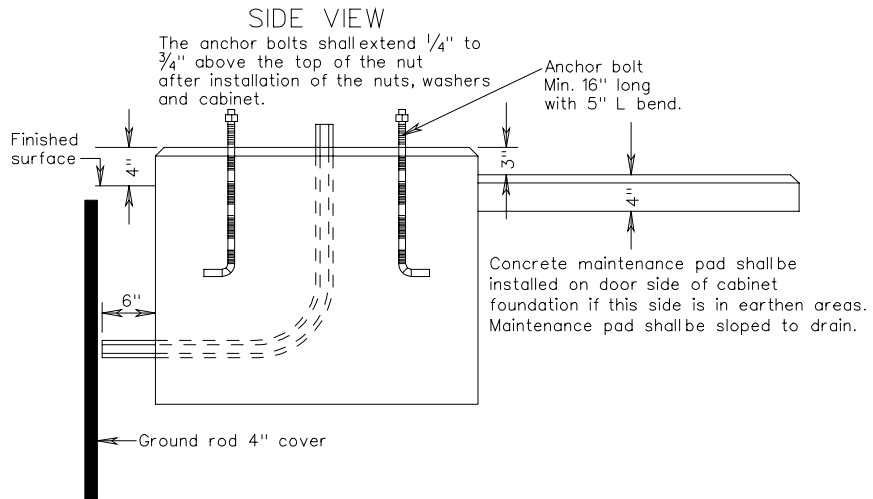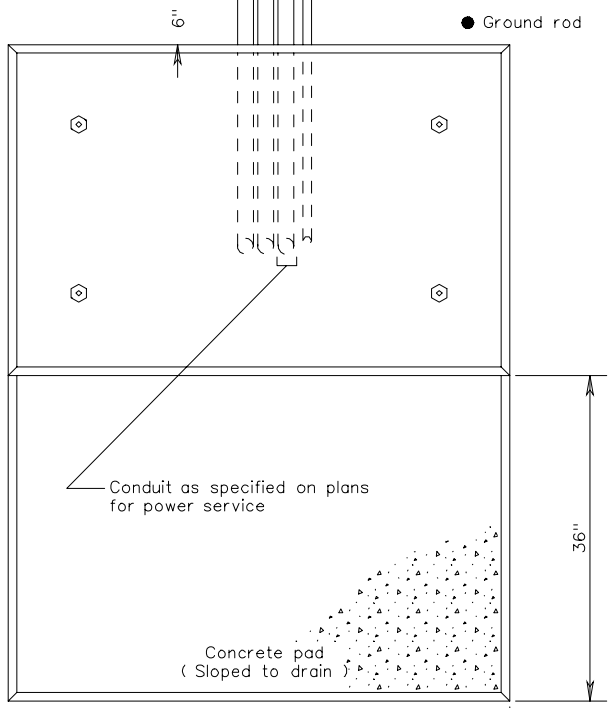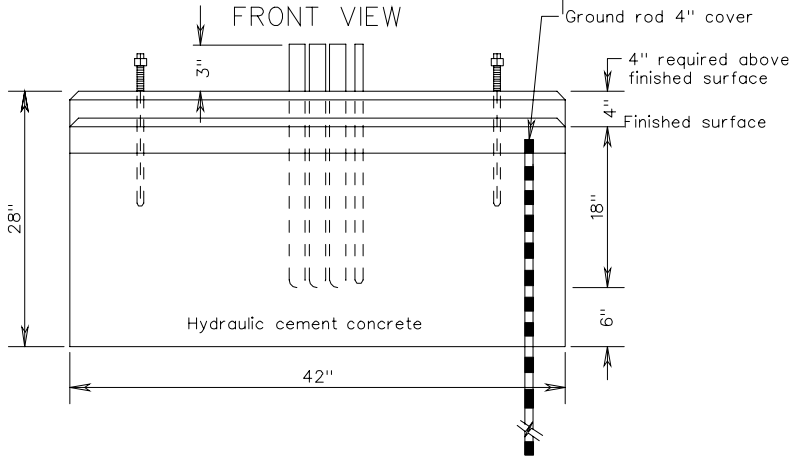
Size, and number as required by plans

1-2" Conduit required for future use shall be stubbed out and capped. Note that additional spare conduits may be required by the plans.

1- 1/2" Conduit required for ground wire

6"

● Ground rod

Conduit as specified on plans for power service

36"

Concrete pad (Sloped to drain)

SIDE VIEW

The anchor bolts shall extend 1/4" to 3/4" above the top of the nut after installation of the nuts, washers and cabinet.

Anchor bolt Min. 16" long with 5" L bend.

Finished surface

4"

6"

3"

4"

Concrete maintenance pad shall be installed on door side of cabinet foundation if this side is in earthen areas. Maintenance pad shall be sloped to drain.

Ground rod 4" cover

FRONT VIEW

Ground rod 4" cover

3"

4" required above finished surface

4"

Finished surface

28"

18"

6"

Hydraulic cement concrete

42"

Notes:

All exposed concrete surface edges shall be chamfered 3/4".

Foundation length and width shall be as required to project no less than a minimum 4" beyond all sides of the cabinet.

Anchor bolts and bolt circle template shall be furnished with cabinet. Cabinet shall be centered on foundation.

Each foundation shall be permanently marked to indicate all sides from which conduits pass. This mark shall be made with a trowel when finishing the concrete and shall be 1/4" deep and 4" to 6" long. Locations of empty conduits shall have an additional 2" long mark made perpendicular to and centered on this marking.

The control center cabinet at the inside and outside foundation joints shall be sealed with a silicone sealant.

Bell ends shall be installed on each end of PVC conduits. Empty conduits shall be plugged to prevent moisture and rodent entry.

Grounding bushings shall be installed on each end of metal conduits. Empty conduits shall be plugged to prevent moisture and rodent entry.

Two - 1/2" diameter weepholes shall be provided in the foundation and located 2" inside of the back or side edges of the controller cabinet. Weepholes shall be sloped to allow outlet to be 3" below top of foundation. 2" of the outlet end shall be fiber filled.

Voids remaining after conductors exit or enter bell ends or bushings of conduits shall be sealed with silicone to prevent moisture and rodent entry.

CONTROL CENTER CABINET FOUNDATION AND CONDUIT PLACEMENT DETAILS

1301.02