Ground box
Box mounted on inside web on support post at roadway

**PLAN VIEW**

**DETAIL C**

Pull connector down tight against conduit
Then clamp in ground box. See Detail "D".

**DETAIL D**

Pull cable so opposite and connector fits tight against conduit end, clamp cable or top of conduit as shown.

**DETAIL E**

Steel pipe 0.5 x 1" HH Bolt, washer, nut and lockwasher made wrench tight.

**DETAIL B**

Enclosure connection (4 places)

**NOTES**

1. Breakaway connector shall be rated for 300 VAC, 30 amps and shall be waterproof. Connector shall be a three pole (two line conductors and neutral) polarized connector. The female connector shall be integrally molded to a 13' length of type SO cord containing three number 10 or number 8 AWG conductors. The male connector shall be integrally molded to a 4" length of type SO cord containing three number 10 or number 8 AWG conductors.

2. The female connector shall be overmolded 1" from the face of the connector toward the enclosure connection. The overmolding shall be a non-conductive flexible overmold of the material used in the construction of the enclosure body. The overmolding shall be integrally molded to a 1" length of type SO cord containing three number 10 or number 8 AWG conductors.

3. The enclosure shall be integrally molded to a 2" length of type SO cord containing three number 10 or number 8 AWG conductors.

4. Conductors shall be a minimum of 25' of Type RMC, Solid, 14/2 AWG, with or without ground wire. The length of Type RMC shall be a minimum of 25' of Type RMC, Solid, 14/2 AWG, with or without ground wire.

5. Ground rod clamp shall be Blackburn GG 5/8H, Weaver W5.8 or equal.

6. The length of liquidtight flexible metal conduit shall not exceed 6" above the fuse plate or knee joint.

7. Conduit shall convert to 3/4" liquidtight flexible metal conduit below the fuse plate or knee joint.

8. Conduit or steel pipe shall be connected by a 1" or 2" flange, or be connected by a metal-to-metal flange. The flange shall be integrally molded to a 2" length of type SO cord containing three number 10 or number 8 AWG conductors.

9. The female connector shall be integrally molded to a 13' length of type SO cord containing three number 10 or number 8 AWG conductors. The male connector shall be integrally molded to a 4" length of type SO cord containing three number 10 or number 8 AWG conductors.

10. The enclosure shall be integrally molded to a 2" length of type SO cord containing three number 10 or number 8 AWG conductors.

11. The enclosure shall be integrally molded to a 2" length of type SO cord containing three number 10 or number 8 AWG conductors.

12. The enclosure shall be integrally molded to a 2" length of type SO cord containing three number 10 or number 8 AWG conductors.

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