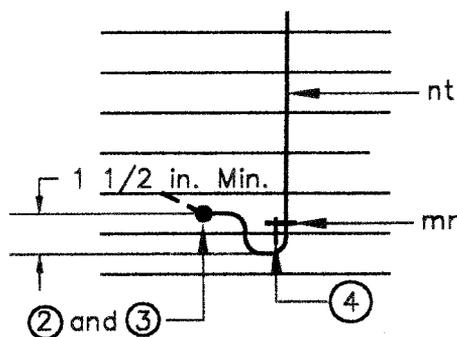


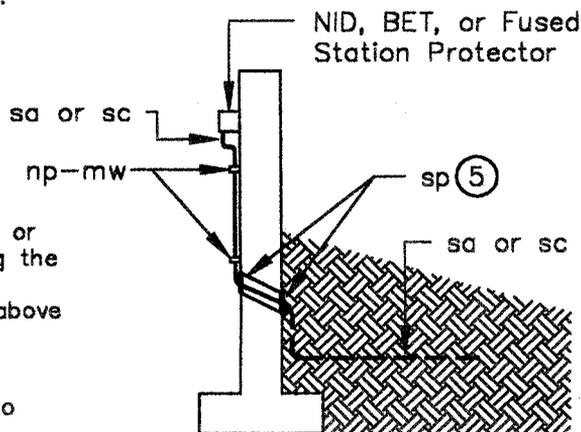
SKETCH A: Buried Service Above Grade Entrance



SKETCH B: Aerial Service Wire - Aerial Service Entrance

Notes:

- ① The first attachment of the buried wire to the building should be located approximately 4 inches above the ground. The remaining attachments shall be spaced approximately 14 inches apart.
- ② A porcelain or plastic tube shall be employed only when insulated attachments are required for support of aerial service wire on buildings.
- ③ Entrance hole shall be drilled to slope slightly upward. Except where a porcelain or plastic tube is required, all wires entering the hole shall be taped for a tight fit. When the aerial service wire approaches from above the entrance hole, a drip loop shall be made as shown.
- ④ Insert short piece of aerial service wire to cushion "C" knob.
- ⑤ Seal both ends of hole or conduit with duct seal.
- ⑥ For converting English units to metric units use 1 in. = 25.4 mm.



SKETCH C: Buried Service - Below Grade Entrance

ITEMS	MATERIALS	ITEMS	MATERIALS
*mr	Knob, insulator, "C"	*mw	Screw, wood
nt	Wire, aerial service	sa/sc	Wire or cable, filled, buried
-	Tube, plastic	sp	Sealer, duct
*np	Clamp, one-hole, offset		

RURAL TELECOMMUNICATIONS CONSTRUCTION PRACTICES
SERVICE ENTRANCES

Scale: NTS

March 2001

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