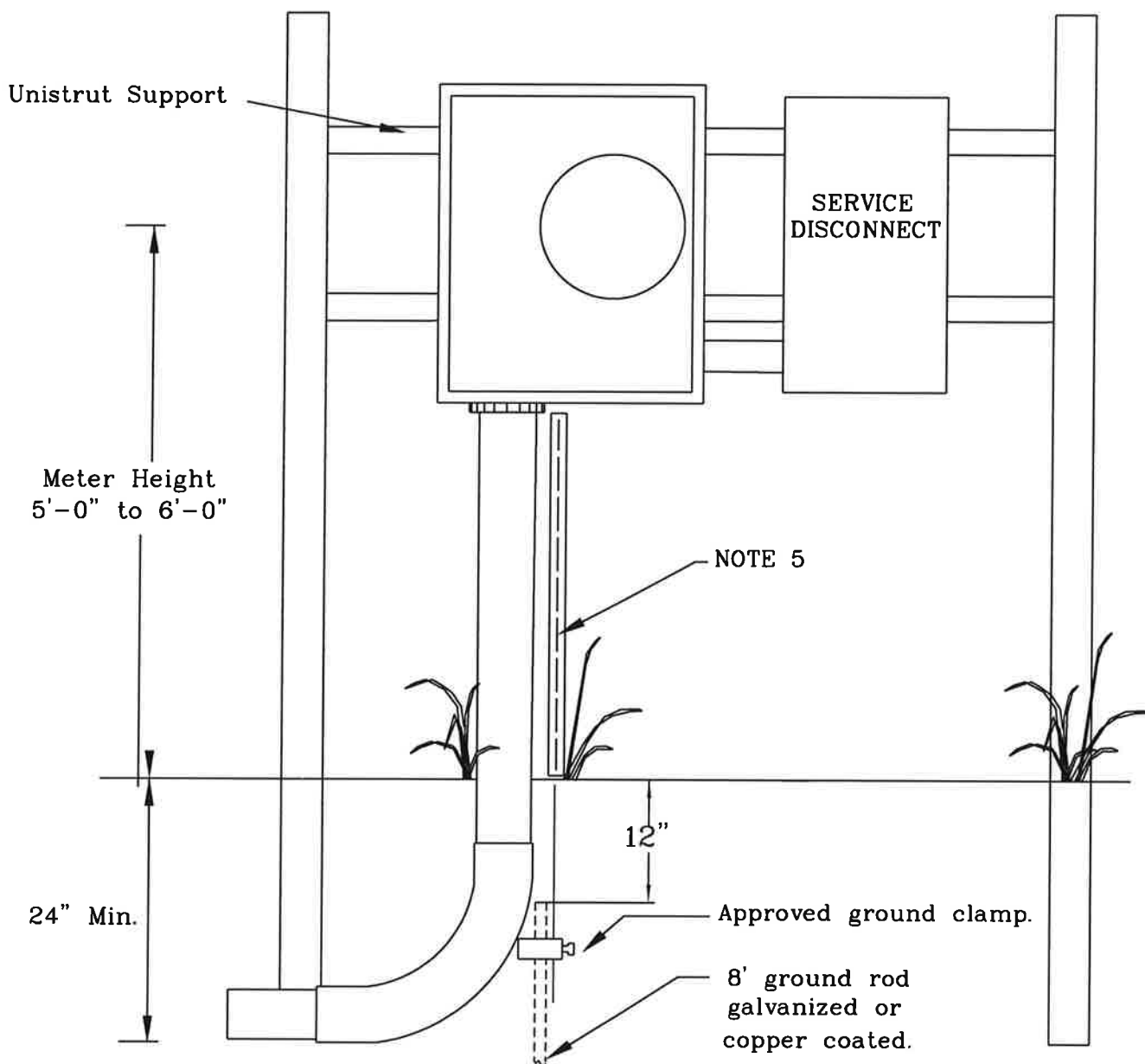


# \* RUSK COUNTY ELECTRIC COOPERATIVE, INC.

## TYPICAL METER RACK FOR UNDERGROUND SERVICE

200 AMP OR 320 AMP



- Notes:
- A. RCEC will enter meter base on left side, not center.
  - B. Member will provide riser conduit, conduit straps and large radius elbow.
  - C. No other utilities are allowed in this trench.
  - D. Main disconnect location must meet clearance requirements as specified by NEC 110-26. 200 Amp or 320 Amp Meter Base furnished by RCEC
  - E. Meter rack built out of minimum 2" rigid galvanized pipe set in concrete.
  - F. See notes on back of this sheet.

# RUSK COUNTY ELECTRIC COOPERATIVE, INC.

## CONSTRUCTION NOTES

1. All wiring shall be in accordance with Article 230 of the latest edition of the National Electric Code. (NEC)
2. Minimum requirements only are shown on the attached standard and are not intended to conflict with local codes which may require more than the minimum required by the attached drawing.
3. Wire sizes shown on the attached drawing are minimum only and shall be sized according to load and main size as recommended by the latest edition of the NEC 310-15.

4. Minimum Wire Size:

AMP	Cu THWN	AL THWN	GRND	RISER CONDUIT
200	2/0	4/0	#4 CU (SOLID)	2 INCH SCH.40
320	350	500	#2 CU (SOLID)	3 INCH SCH.40

5. Ground wire in conduit - E.M.T. or PVC  
Riser conduit Schedule 40 PVC or Steel Electrical Conduit.  
Install conduit bushings and locknuts.
6. If aluminum wire is used, the wire shall be covered with an oxide inhibitor before it is inserted into terminal.
7. Main disconnect locations must meet clearance requirements as specified by NEC 110-26.
8. No more than six circuit breaker enclosures may be used without installing a main breaker.
9. All conduits shall have locknuts and bushings installed, and no open holes are allowed in meter base.
10. Ground rods must be 5/8" X 8' and shall be galvanized or copper coated with an approved ground wire clamp.
11. Service entrance for mobile home requires 4-wire service from main breaker to breaker panel in mobile home. NEC Section 550. Both neutral and ground conductor shall be insulated conductor. (This must be installed before meter is energized.)  
No meter loops shall be mounted on mobile homes, either single or double wides.