

# UPSHUR RURAL ELECTRIC COOP. CORP.

## TYPICAL OVERHEAD SERVICE ENTRANCE INSTALLATIONS FOR DWELLINGS

### WIRE SIZE

#2 COPPER - 100 AMP.  
 3/0 COPPER - 200 AMP.  
 350 MCM COPPER - 320 AMP.

LEAVE 2' OF WIRE EXTENDING FROM WEATHERHEAD WITH NEUTRAL WIRE TAGGED

URECC Point of Delivery

If service is being installed on a metal building, customer is required to pre-install appropriate sized eye-bolt for support.

(FURNISHED BY URECC)

RIDGID CONDUIT

1 1/4" - 100 AMP  
 2" - 200 AMP  
 3" - 320 AMP

FROM BOTTOM OF DRIP LOOP  
 12' - MINIMUM CLEARANCE  
 TO FINISHED GRADE  
 18' CLEARANCE REQUIRED OVER DRIVEWAYS

CENTER OF METER BASE  
 NOT LESS THAN 5' NOR MORE  
 THAN 6' ABOVE FINISHED GRADE

6" Min. Separation

MAIN DISCONNECT  
 (CIRCUIT BREAKER  
 OR FUSED SWITCH  
 WITH AMP RATING  
 NO LARGER THAN  
 METER BASE.)

ALTERNATE LOCATION  
 OF MAIN DISCONNECT

5/8 X 8' COPPER OR  
 COPPER CLAD GROUND ROD

METER MUST BE ACCESSIBLE FOR UPSHUR RURAL PERSONEL IF NEEDED. DOGS AND OTHER ANIMALS SHOULD NOT BE PLACED IN A WAY THAT MAY HINDER ACCESS TO THE METER.

	 DANGER
	HAZARD OF ELECTRICAL SHOCK OR BURN IF COVER IS REMOVED. SERVICE BY UTILITY AUTHORIZED PERSONNEL ONLY

UPSHUR RURAL ELECTRIC COOP. CORP.  
 P.O. BOX 70 GILMER, TX. 75644

DETAIL FOR  
 OVERHEAD SERVICE ENTRANCE  
 INSTALLATION

DRAWN BY	C	DRAWING NO.	OHS-2	REV	2
APPROVED BY					
SCALE	None	DATE DRAWN	7/31/12	SHEET	1 OF 1