


NOTES:

1. WEATHERHEAD
2. ENTRANCE WIRE, 18" MINIMUM LENGTH OUTSIDE WEATHERHEAD.
3. 2" RIGID CONDUIT MINIMUM.
4. 2" X 4" BLOCKING BETWEEN RAFTERS, OR EQUIVALENT, SOLIDLY INSTALLED.
5. ALTERNATE POSITION FOR ENTRANCE WEATHERHEAD.
*IF MINIMUM GROUND CLEARANCE OF 12' IS MAINTAINED.
6. PIPE STRAPS, OR STAPLES IF SERVICE ENTRANCE CABLE IS USED (SEE NOT 5). ANCHOR SOLIDLY TO STUDS OR OUTSIDE WALL.
7. WALL STUD CONSTRUCTION.
8. METER SOCKET HUB (AND REDUCER BUSHING, IF REQUIRED).
9. METER SOCKET, NOTE: 5'-6" FROM GROUND LINE.
10. METER, INSTALLED BY MAGNOLIA ELECTRIC POWER ASSOCIATION.
11. OUTSIDE WALL CONSTRUCTION.
12. BARE COPPER GROUND WIRE, MINIMUM #6.
13. GROUND ROD/ GROUND WIRE CONNECTOR.
14. GROUND ROD.

NOTE: ENTRANCE MAY BE INSTALLED ON OPEN GABLE ROOF END IF NOTE 5 IS MAINTAINED.

WEATHERHEAD ON SHOPS AND OTHER NON-RESIDENTIAL BUILDINGS MUST BE A MINIMUM OF 16'. IF 16' IS NOT OBTAINABLE, METER BASE LOOP MUST BE USED.

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DATE	REVISION	#	 MAGNOLIA ELECTRIC POWER A Mississippi Cooperative				PROJECT:
			1550 E. REPUBLIC ROAD SPRINGFIELD, MO 65804 Ph: 417-888-0645 Fax: 417-888-0657 www.tothassociates.com CERTIFICATE OF AUTHORITY: WA# 604 082 498 © 2024 Toth and Associates, Inc.				RESIDENTIAL SERVICE EQUIPMENT INSTALLATION
			DWN. BY: TOTH CRD. BY: TOTH APPD. BY: TOTH DATE: 10/03/2024				LOCATION: MCCOMB, MISSISSIPPI
			TITLE: SERVICE ENTRANCE MAST AND METERING GUIDE FOR PERMANENT INSTALLATIONS				CLIENT: MAGNOLIA ELECTRIC POWER ASSOCIATION MCCOMB, MISSISSIPPI
							SHT NO:

MATERIALS NEEDED FOR SERVICE POLE

200 AMPERE SERVICE POLE

30'	-	2/0 THW Copper wire
6'6"	-	2" conduit
1	-	2" service head
3	-	2" conduit straps
1	-	200 ampere meter base with 2" hub
1	-	200 ampere disconnect outdoor type
1	-	8' ground rod
6'	-	#6 bare copper wire
1	-	ground rod clamp
1	-	2" closed nipple
2	-	2" lock nuts

100 AMPERE SERVICE POLE

30'	-	#2 THW Copper wire
6'6"	-	1-1/4" conduit
1	-	1-1/4" service head
3	-	1-1/4" conduit straps
1	-	100 ampere meter base with 1-1/4" hub
1	-	100 ampere disconnect outdoor type
1	-	8' ground rod
6'	-	#6 bare copper wire
1	-	1-1/4" closed nipple
2	-	1-1/4" lock nuts