

# METER PEDESTAL UNDERGROUND SERVICE

## 320AMP 120/240 VOLT, 3 WIRE, SINGLE PHASE

# Noble REMC

A Touchstone Energy® Cooperative



260-636-2113 • 800-933-7362

www.nobleremc.com

### GENERAL

SERVICE MUST BE APPROVED BY THE COUNTY BUILDING DEPARTMENT PRIOR TO CONNECTION BY REMC.

### PROVIDED AND INSTALLED BY NOBLE REMC

- ① 3 CONDUCTOR SERVICE TO SERVICE POINT. SEE NOTE E.
- ② NON METALLIC CONDUIT UNDER DRIVEWAYS IF REQUIRED. SEE NOTE F.

### AVAILABLE FOR PURCHASE FROM NOBLE REMC -INSTALLED BY CUSTOMERS

- ③ METER SOCKET TO BE MOUNTED PLUMB. SEE NOTE A.

### PROVIDED AND INSTALLED BY CUSTOMER

- ④ LINE SIDE 3" CONDUIT & FITTINGS MAY BE GALVANIZED RIGID STEEL OR PVC SCHEDULE 80.
- ⑤ LOAD SIDE CONDUITS SHALL BE GALVANIZED, INTERMEDIATE, OR APPROVED PVC. SEE N.E.C. TABLE BELOW FOR CONDUCTOR SIZE.

SERVICE RATING	COPPER	ALUMINUM
100A	#4	#2
150A	#1	2/0
200A	2/0	4/0

- ⑥ CONDUIT BUSHINGS MUST BE PROVIDED ON ALL CONDUIT TERMINATIONS WITHIN METERBASE AND DISCONNECTS.
- ⑦ USE #4 CONTINUOUS BARE STRANDED COPPER GROUNDING CONDUCTOR FROM SERVICE PANELS TO GROUND RODS. DO NOT ROUTE GROUNDING WIRE THROUGH METERBASE.
- ⑧ N.E.C. APPROVED GROUND CLAMP SUITABLE FOR BURIAL.
- ⑨ (2) - N.E.C. APPROVED GROUND RODS ( 5/8" x 8' ). ALLOW A MINIMUM SEPARATION OF 6' BETWEEN GROUND RODS.
- ⑩ DISCONNECTS MUST BE MOUNTED WITHIN 5' OF THE METERBASE.
- ⑪ FURNISH AND INSTALL A STAND CONSTRUCTED OF PRESSURE TREATED WOOD 6"x6" POSTS SET 3 FEET DEEP IN CONCRETE. HORIZONTAL SUPPORTS SHALL BE PRESSURE TREATED LUMBER. DO NOT USE PRESSURE TREATED PLYWOOD
- ⑫ CUSTOMER 4 WIRE 120/240 VOLT SINGLE PHASE SERVICE WITH GROUNDING WIRE ACCORDING TO THE NATIONAL ELECTRICAL CODE.

### NOTES

- A. LOCATION OF METER AND ENTRANCE FACILITIES MUST BE APPROVED BY NOBLE REMC.
- B. ALUMINUM ELECTRICAL JOINT COMPOUND SHALL BE APPLIED TO ALL ALUMINUM CONDUCTORS BEFORE CONNECTIONS ARE MADE.
- C. THE CUSTOMER MUST FOLLOW THE CURRENT NATIONAL ELECTRIC CODE AND ALL LOCAL CODES.
- D. NOBLE REMC WILL PROVIDE TRENCHING TO SERVICE ENTRANCE AND THE CUSTOMER WILL BE BILLED FOR CONTRIBUTION IN AID COSTS AFTER COMPLETION.
- E. RIGHT OF WAY STRIPS FOR TRENCHING MUST BE GRADED TO WITHIN 4" OF FINAL GRADE PRIOR TO TRENCHING.
- F. NON METALLIC CONDUIT IS REQUIRED UNDER DRIVES STREETS, PATIOS, ECT. TO FACILITATE POSSIBLE FUTURE REPLACEMENTS. A TRENCH DEPTH OF 3' MIN. IS REQUIRED

