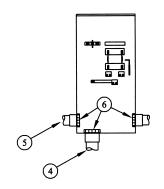
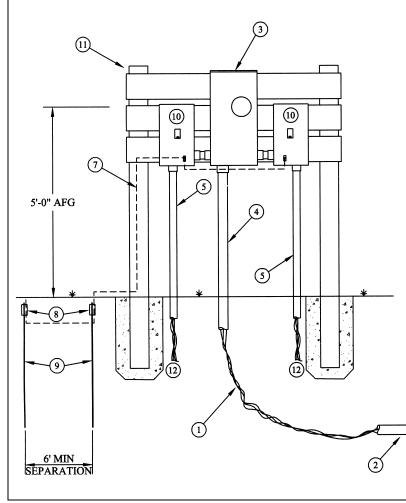
# METER PEDESTAL UNDERGROUND SERVICE 320AMP 120/240 VOLT, 3 WIRE, SINGLE PHASE



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## **GENERAL**

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

## PROVIDED AND INSTALLED BY NOBLE REMC

- 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

- 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

- CONDUIT BUSHINGS MUST BE PROVIDED ON ALL CONDUIT TERMINATIONS WITHIN METERBASE AND DISCONNECTS.
- TO 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.
- (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.
- 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
- 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.
- THE CUSTOMER MUST FOLLOW THE CURRENT NATIONAL ELECTRIC C. CODE AND ALL LOCAL CODES.
- NOBLE REMC WILL PROVIDE TRENCHING TO SERVICE ENTRANCE D. AND THE CUSTOMER WILL BE BILLED FOR CONTRIBUTION IN AID COSTS AFTER COMPLETION.
- RIGHT OF WAY STRIPS FOR TRENCHING MUST BE GRADED TO E. WITHIN 4" OF FINAL GRADE PRIOR TO TRENCHING.
- NON METALLIC CONDUIT IS REQUIRED UNDER DRIVES STREETS, F. PATIOS, ECT. TO FACILITATE POSSIBLE FUTURE REPLACEMENTS. A TRENCH DEPTH OF 3' MIN. IS REQUIRED

TO REMC SOURCE

REV. 10/14/2010