

THE FOLLOWING STATEMENTS ARE DERIVED FROM THE NATIONAL ELECTRIC CODE. ANY VIOLATION OF THESE STATEMENTS OR ANY OTHER NATIONAL ELECTRIC CODE WILL RESULT IN REFUSAL OF SERVICE HOOK UP BY ROSEVILLE ELECTRIC DEPT.

- UFER GROUND TO BE MIN. 20' LENGTH AND MAINTAIN A 3" CLEARANCE TO BOTTOM OF FOOTING. IT IS TO BE CONSTRUCTED OF #4 COPPER OR #4 REBAR. SEE N.E.C. 250-81 AND 250-83C.
- SERVICE ENTRANCE CONDUIT TO BE INSTALLED BY OWNER, SEE PAGE 2 FOR INSTALLATION REQUIREMENTS.
- WHERE TRENCH IS PARALLEL TO FOUNDATION A MINIMUM DISTANCE OF 2' IS REQUIRED TO EDGE OF TRENCH.
- CONTACT CITY OF ROSEVILLE BUILDING INSPECTION (774-5333) PRIOR TO BACKFILLING.

## UNDERGROUND INSTALLATION

#### **ALUMINUM** SERVICE & FEEDERS ONLY

100-AMPERES 3-#2 RHW OR THW 1-1/4" - RISER 1-#8 GROUND CU.

125-AMPERES 3-#1/0 RHW OR THW 1-1/2" - RISER

1-#8 GROUND CU.

125-AMPERES 2-#1/0 RHW OR THW 1-#2 RHW OR THW 1-1/2" - RISER 1-#8 GROUND CU.

200-AMPERES

3-4/0 RHW OR THW 2" - RISER

1-#4 GROUND CU.

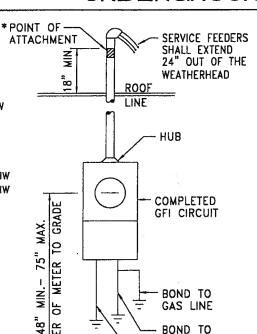
200-AMPERES 2-#4/0 RHW OR THW 1-#2/0 RHW OR THW

2" - RISER 1-#4 GROUND CU.

300-AMPERES

ALUMINUM 2-#350 MCM 1-#250 MCM

1-#2 GROUND CU.



BOND TO

WATER PIPE UFER GROUND

### COPPER

#### SERVICE & FEEDERS ONLY

100-AMPERES 200-AMPERES 3-#4 RHW OR THW 2-#2/0 THW 1-1/4" - RISER 1-#1 THW 1-#8 GROUND CU. 2" - RISER 1-#4 GROUND CU.

125-AMPERES 3-#2 THW 1-1/2" - RISER 1-#8 GROUND CU.

300-AMPERES COPPER 2-#250 MCM 1-#4/0

1-#2 GROUND CU.

200-AMPERES 3-#2/0 THW 2" - RISER 1-#4 GROUND CU.

\* FOR SPECIAL CASE CLEARANCES CONTACT BUILDING INSPECTOR

# Roseville Electric

Reliable Energy - Dependable Service

(916) 774-5601

## ERHEAD INSTALLATION

DR.NO. PAGE 8.1.5 K.ANDREWS 800-134 09-18-01 PAGE 1 OF 2 UNSTRUCTION STANDARD

ELECTRIC SERVICE ENTRANCE REQUIREMENTS