

NOTES:

1. CUSTOMER TO PROVIDE ENOUGH SCHEDULE 80 - 2/12" CONDUIT TO REACH TOP OF POLE W/ HANGERS.
2. WEATHER HEAD WILL BE PROVIDED BY CUSTOMER.
3. CUSTOMER TO PROVIDE ENOUGH SERVICE WIRE TO EXTEND IN ONE CONTINUOUS RUN FROM METER BASE TO CONNECTION AT TRANSFORMER, INCLUDING DRIP LOOP.
4. IF SERVICE PASSES UNDER DRIVING SURFACES RIGID METAL CONDUIT SHALL BE REQUIRED.
5. TRENCH DEPTH OF ELECTRIC CONDUCTORS.
36" IN 2 1/2" SCHEDULE 40 PVC CONDUIT.
IF UNDER DRIVING SURFACE IN 2 1/2" RIGID METAL CONDUIT OR IN SCHEDULE 80 PVC CONDUIT ENCASED IN 4" THICK CONCRETE ON TOP AND BOTTOM OF CONDUIT.

NOTE: IF OTHER UTILITIES IN SAME DITCH. THERE MUST BE 12" SEPARATION BETWEEN THEM. WATER LINES AND ELECTRIC LINES CAN NOT BE RUN IN THE SAME DITCH. A MINIMUM OF 24" SEPARATION IS REQUIRED.

6. ELECTRIC LINES AND WATER LINES MAY CROSS WITH A MINIMUM OF 6" SEPARATION.
7. CUSTOMER WILL LEAVE CONDUIT STUBBED UP AT THE POLE AND SERVICE WIRE. FINAL ASSEMBLY TO BE MADE BY ELECTRIC DEPARTMENT PERSONNEL.
8. DISTANCE FROM ELECTRIC DEPARTMENT POLE TO METER BASE SHOULD NOT EXCEED 200 FT. WITHOUT PRIOR APPROVAL FROM ELECTRIC DEPARTMENT. (VOLTAGE DROP OFF MAY OCCUR AT LONGER DISTANCES).
9. CONDUCTOR SIZES

100 AMP	200 AMP
COPPER 4 AWG	COPPER 2/0 AWG
ALUMINUM 2 AWG	ALUMINUM 4/0 AWG.

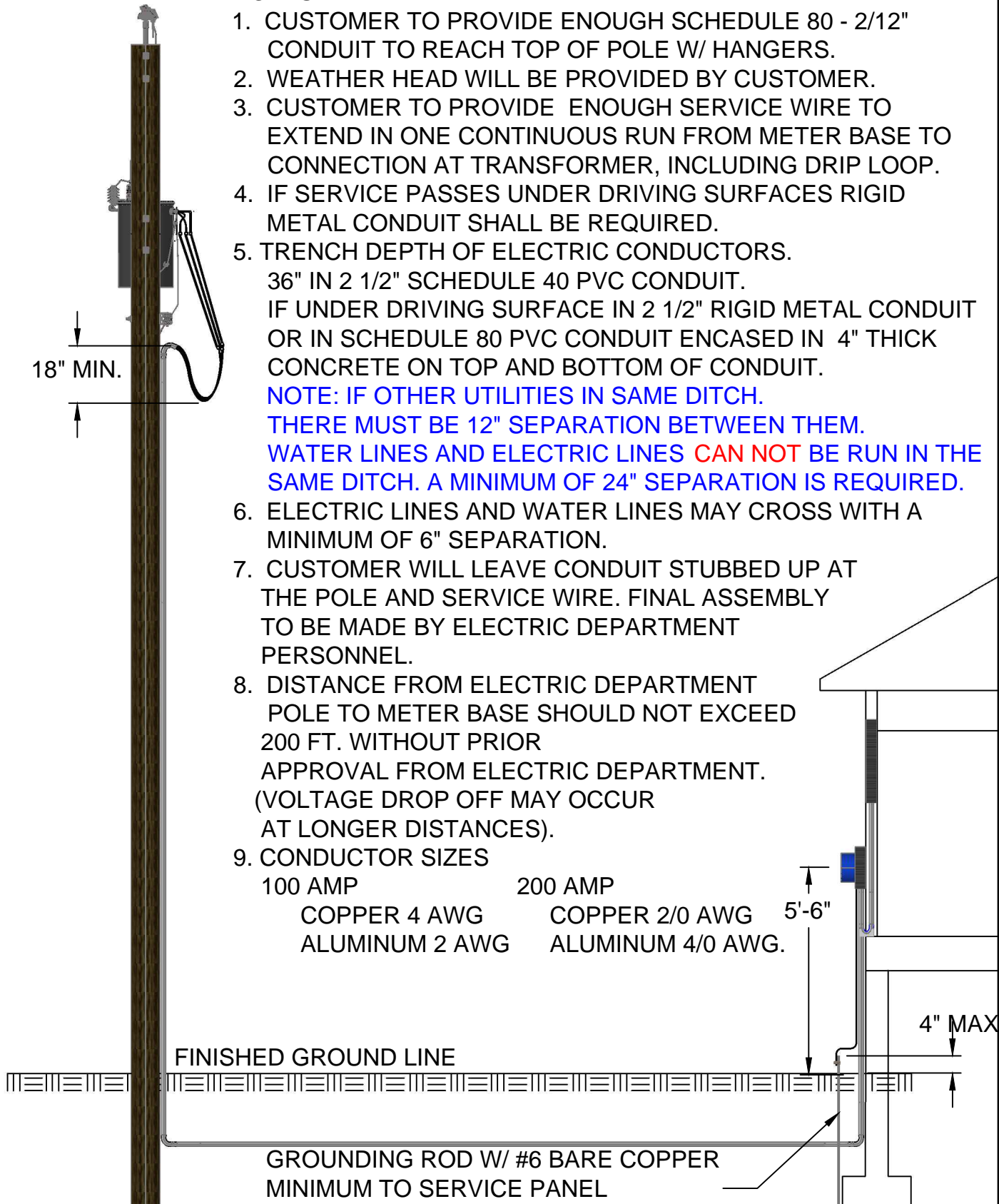
18" MIN.

5'-6"

4" MAX.

FINISHED GROUND LINE

GROUNDING ROD W/ #6 BARE COPPER
MINIMUM TO SERVICE PANEL



COMPANY:

ELIZABETHTON ELECTRIC DEPARTMENT

DETAIL NAME:

UNDERGROUND SERVICE TO METER ON HOME
MATERIALS TO BE SUPPLIED BY BUILDER/OWNER

M8-4

DRAWN BY:
J.E.S.

CHECKED BY:

DATE:
07/01/2010

PURPOSE:
ASSEMBLY DETAIL

SCALE:
1/4"=1'-0"

PAGE:
4

OF

PAGES:
11