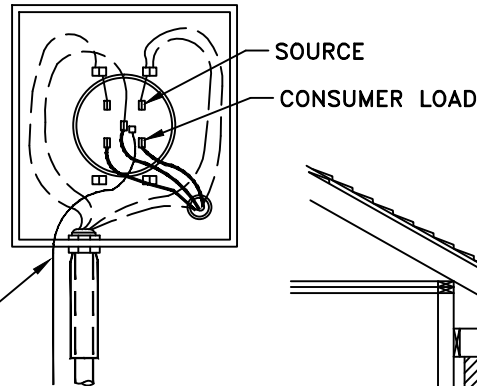


NOTE:  
SERVICE PANEL CAN NOT BE  
LOCATED IN BATHROOMS OR IN  
VICINITY OF EASILY IGNITIBLE  
MATERIALS SUCH AS CLOTHES  
CLOSETS. (REF. NEC ART. 240-24)

**WARNING:**  
IF WE CANNOT COMPLETE INSTALLATION  
OF WIRE DUE TO INABILITY TO PULL  
WIRE TO MAKE FINAL CONNECTIONS,  
JOB WILL BE ABORTED UNTIL CHANGES  
ARE MADE BY MEMBER.



GROUND  
WIRE

NOTE:  
CONDUIT RISER WILL BE  
SECURELY ANCHORED BY NOT  
LESS THAN 2 STRAPS WITH  
THE LOWEST STRAP AT TOP  
OF SWEEP.

NOTE:  
Clearance from Conduit Sweep  
to foundation footings must  
be maintained so Sweep rests  
firmly on the bottom of the  
trench. The Conduit Sweep  
shall not be altered in any  
way to accomodate this  
clearance. Sweep must  
maintain an unaltered 36"  
radius.

NOTE:  
DO NOT BRICK AROUND  
METER BASE OR OVER  
CONDUIT RISER. MUST  
BE SURFACE MOUNTED.

(2) 200 AMP BREAKERS  
INCLUDED W/ METER BASE  
ISOLATED RACEWAY FOR  
UTILITY USE

5' to 5-1/2'

BARE #2 COPPER GROUND  
WIRE FROM METER TO 5/8"  
X 8' GROUND ROD.

5/8" x 8' COPPER  
GROUND ROD (DRIVEN)  
& DIRECT BURIAL CLAMP

12"

30" MIN.

3"x 36" Radius 90° Sweep  
resting firmly on the bottom  
of the trench. Sweep must  
be 3" Rigid Galvanized,  
rigid aluminum or Schedule  
80 or 40 Sunlight Resistant  
Electrical PVC Conduit. Galv.  
Sweep to have Threaded End  
Adapter-Galvanized to PVC

320 AMP METER BASE  
SURFACE MOUNT &  
BREAKER DISCONNECT

3" PVC SLIP JOINT;  
SUPPLIED BY COOPERATIVE.

3" PVC SCHEDULE 80 SUNLIGHT  
RESISTANT CONDUIT.

COUPLING

FINISHED GRADE

24"  
MIN.

PUB.DATE: 08/01/12

REV#1:9/14/2004  
REV#2:08/18/2010:  
SLIP JOINT

SPECIFICATIONS  
FOR  
UNDERGROUND RESIDENTIAL SERVICE  
320 AMP METER BASE

11 OZARK ELECTRIC COOPERATIVE  
MT. VERNON, MISSOURI

DRAWN BY: DWB

DATE: 03/17/03

CHECKED BY: KMR

SCALE: NONE

APPROVED BY:

SPEC-SH/320-UGS