

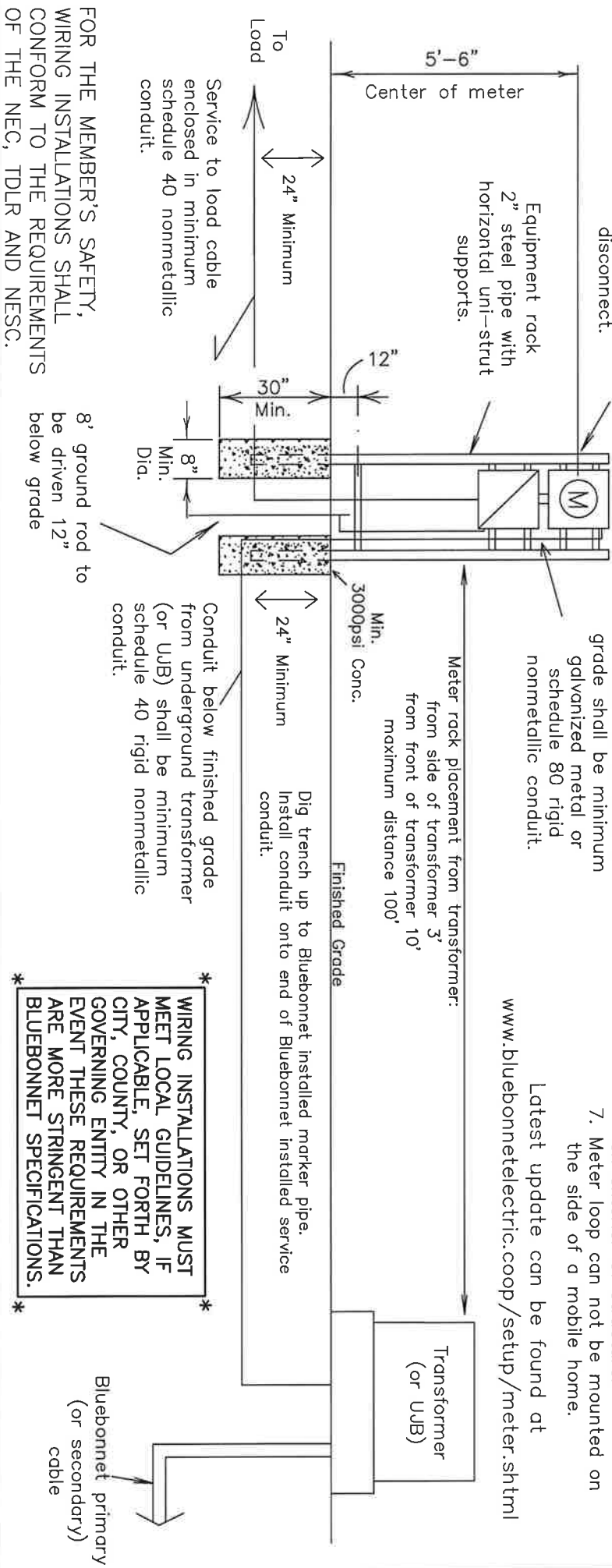
CURRENT CARRYING CAPACITIES AND CONDUIT SIZE REQUIREMENT OF STANDARD WIRE SIZE
(RH,RHH,RHW,THW,AND XHHW)

| COPPER CONDUCTOR | | | ALUMINUM CONDUCTOR | | |
|------------------|--------------|----------------|--------------------|--------------|----------------|
| WIRE SIZE | BREAKER SIZE | CONDUIT SIZE | WIRE SIZE | BREAKER SIZE | CONDUIT SIZE |
| #6 | 60 AMP | 1 1/4" CONDUIT | #4 | 60 AMP | 1 1/4" CONDUIT |
| #4 | 100 AMP | 1 1/4" CONDUIT | #2 | 100 AMP | 1 1/4" CONDUIT |
| #2 | 125 AMP | 1 1/2" CONDUIT | #1/0 | 125 AMP | 1 1/2" CONDUIT |
| #1 | 150 AMP | 2" CONDUIT | #2/0 | 150 AMP | 2" CONDUIT |
| #2/0 | 200 AMP | 2" CONDUIT | #4/0 | 200 AMP | 2" CONDUIT |

Notes:

1. Weatherproof fittings required.
2. For all URD jobs, electricians should call in for locate before digging to Bluebonnet equipment.
3. Cooperative will complete wiring into transformer or UJB. Have sufficient amount of wire for termination.
4. Main disconnect shall have a single main breaker or 6-handle main as defined in the NEC.
5. Neutral may be reduced no more than two sizes on residential application. No reduction on the neutral is allowed on commercial application.
6. Meter loop must remain unenclosed on exterior of structure.
7. Meter loop can not be mounted on the side of a mobile home.

Latest update can be found at www.bluebonnetelectric.coop/setup/meter.shtml



FOR THE MEMBER'S SAFETY, WIRING INSTALLATIONS SHALL CONFORM TO THE REQUIREMENTS OF THE NEC, TDLR AND NESC.

Bluebonnet Electric Cooperative, Inc.
P.O. Box 729
Bastrop, Texas 78602

| | | | | |
|----------|---------------------------------------|------------|--------------|---------------|
| DATE | REVISIONS | Drawn By : | Checked By : | Approved By : |
| 02-23-09 | Reduced Neutral Size (See Note #5) | BS | SE | EK |
| 11-20-09 | Wiring installations local guidelines | NONE | 11-20-09 | MS-201 |