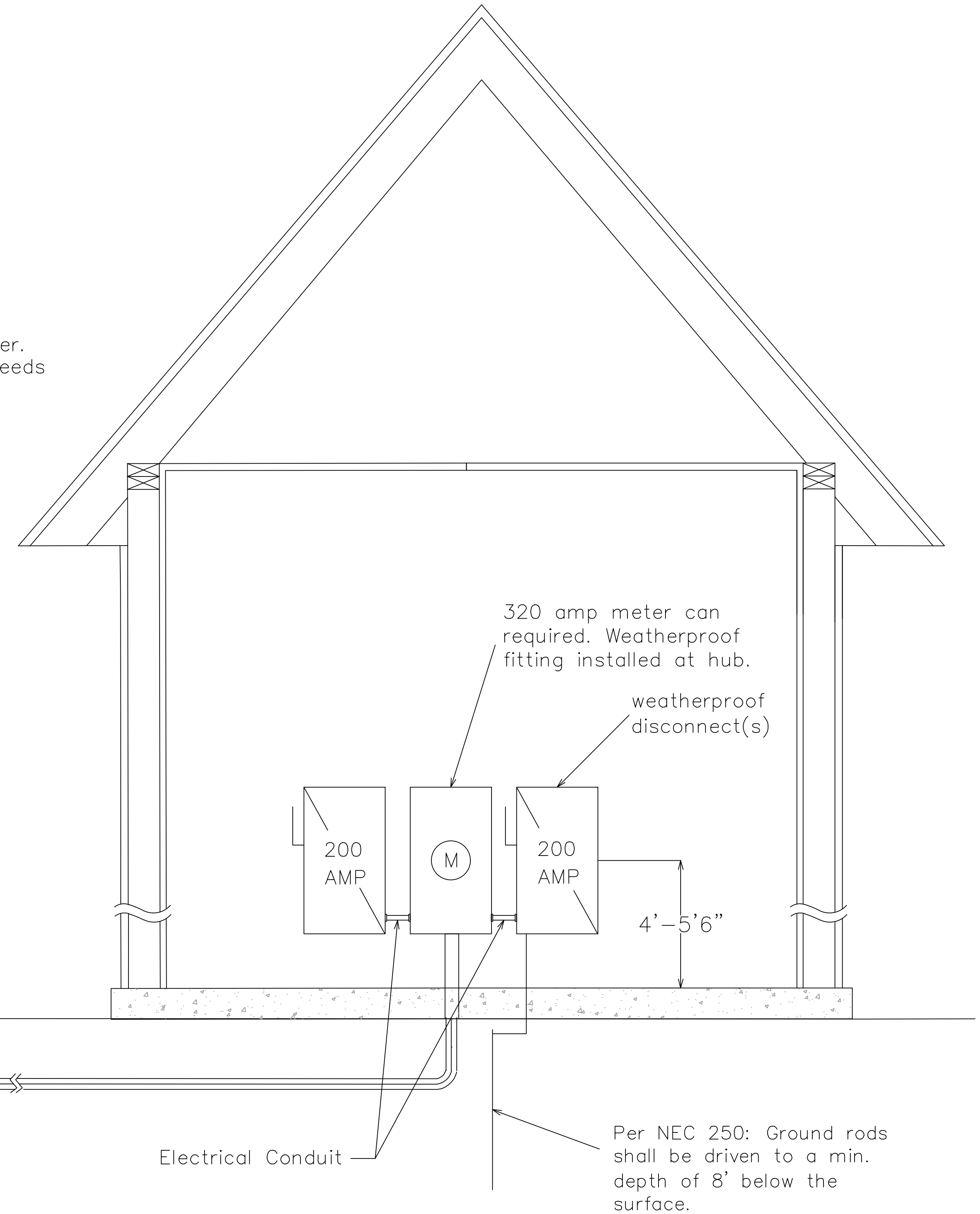


NOTES:

1. Main disconnect panel may not be used as an electrical race way.
2. Weatherproof fittings required.
3. Neutral(s) may only be reduced one size on residential application. No reduction of the neutral(s) is allowed on commercial application.
4. Member shall notify Bartlett Electric Cooperative office when meter assembly is complete.
5. Bartlett will install conduit and wire from transformer into UJB.
6. Member provides and installs UG service wire from the UJB to the meter. Member will additionally provide trenching and conduit if the length exceeds 30'.
7. Electrical contractor will leave 5' of tail at meter base so cooperative can terminate in UJB and meter base.
8. Electrical contractor will intercept conduit stub out from UJB.



Cooperative furnishes pole, loop, conduit and UJB.

Underground junction box (UJB).  
Cooperative designated point of service.

Finished Grade

24" Min.

5'

3" minimum schedule 40 rigid nonmetallic service conduit below finished grade

Electrical Conduit

320 amp meter can required. Weatherproof fitting installed at hub.

weatherproof disconnect(s)

200 AMP

M

200 AMP

4'-5'6"

Per NEC 250: Ground rods shall be driven to a min. depth of 8' below the surface.

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

RESIDENTIAL

URD #6



27492 HWY 95  
BARTLETT, TEXAS 76511

SINGLE PHASE, 320A SERVICE ON BUILDING FROM OVERHEAD  
WITH CLASS 320A METER SOCKET 1 OR 2 DISCONNECTS.

DRAWN BY:

SEP

BEC POWER  
APPROVAL:

RSL

BEC COMM.  
APPROVAL:

APPROVAL  
DATE:

SCALE:

NTS

REVISED BY:

EMPACT ENG F-21492

03-13-2025