



Eyebolt Mount Detail

GENERAL NOTES:

1. The secondary wire's point of attachment must be less than 125' from the prior UCEMC pole in a path that is clear of obstruction and containing minimal vegetation.
2. An eyebolt $\frac{5}{8}$ inch diameter minimum will be supplied by UCEMC. See the eyebolt detail on this drawing for mounting specifications. Notify your engineer if you haven't received it. The eyebolt should be mounted within 24" of the conduit weather head. Locate eyebolt mounting on structural members of the building's frame capable of supporting wire weight and tension loads. The attachment point shall be located 3 ft from doors, porches, balconies, ladders, stairs, fire escapes, or similar locations so as to make the service wires out of reach.
3. There shall be a minimum of two ridged conduit straps for support on the conduit. The conduit shall be 2.5" minimum or for larger conductors requiring a larger conduit, size per the most current NEC version.
4. Attachment height shall be based on the most current version of the NESC. Currently 18' minimum above public streets, alleys, and cultivated fields. 16' minimum above residential driveways and 12' minimum above finished grade and walkways.
5. Service entrance conductor must extend 36" minimum from the weather head for connecting purposes.
6. Ground wires shall be unspliced in accordance with the most current version of the NEC. Driven ground rods and clamp shall be below grade.
7. Locate eyebolt such that multiplexed cable taking off from a UCEMC pole can not touch or rub against any part of the support structure or the riser assembly. See drawing MB-OH1 for an alternate mount solution.
8. The meter base shall be flush mounted on the building's exterior wall using $\frac{1}{4}$ " stainless steel bolts or lag screws. The meter base will be located where it will be easily accessible with no obstructions for UCEMC to access without a need to move objects or gain access from the home owner.



**OVERHEAD SERVICE
PERMANENT METER BASE
EYE BOLT MOUNTED**

DATE: 04-18-2019

STANDARD
MB-OH 2