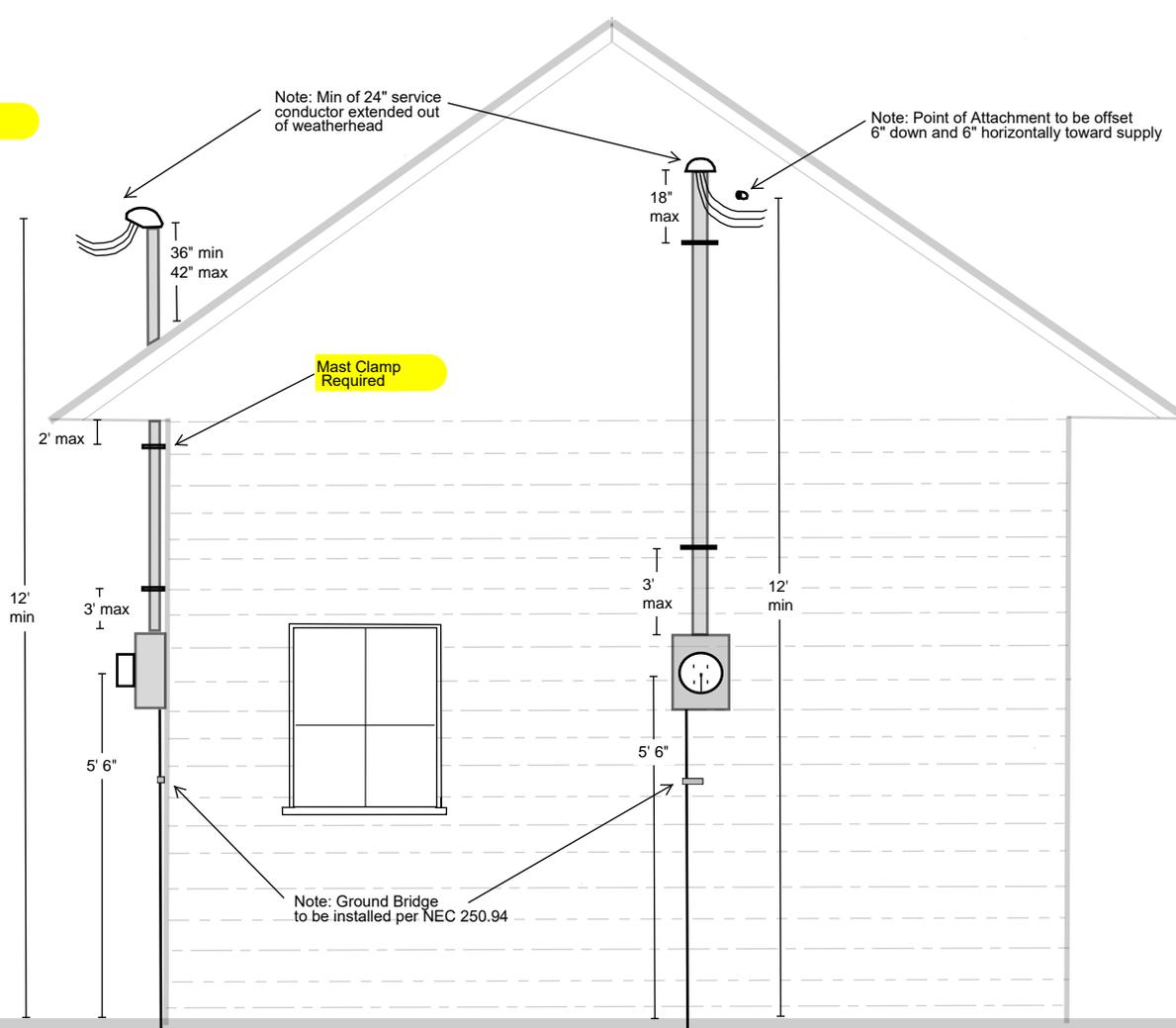


Preferred Method

(Required for New Construction)

- Rigid metal for riser conduit
- If more than 42" from the roof the riser will need to have a guy attachment



Alternate Method

- Method to only be used when repairing an existing service that is already constructed by these specs
- Rigid metal or EMT with rain tight fittings for riser conduit
- SPS will furnish the point of attachment

*ALL SERVICES MUST BE SPOTTED BY SPS BEFORE MOUNTING OF METER BASE

- Service conductors need to have minimum clearance of 3' from windows or doors.

- Minimum of 24" of service conductor to extend from the weather head

- If there are two pieces of conduit used to reach the necessary height, then the smallest piece needs to be closest to the meter base.

- Meter base will be provided by SPS for 200 amp, 400 amp, 2 - 200 amp gang services.

- A 200 amp conduit will need to have a minimum 2" riser conduit

- A 400 amp conduit will need to have a minimum 3" riser conduit

- Two points of attachment on riser conduit with a mast clamp required as the top point of attachment.

- Copper conductor to be used on the top side of the meter base

5/8"x8" Ground rods to be installed per NEC

Electrical Permits: <https://core.tn.gov/datamart/login.do>

-Permits shall be purchased and issued online at the website listed above. There are detailed instructions available for this process at www.tn.gov and search "electric permits".

Overhead Service Entrance

Shelbyville Power System

Date: 2/4/2020