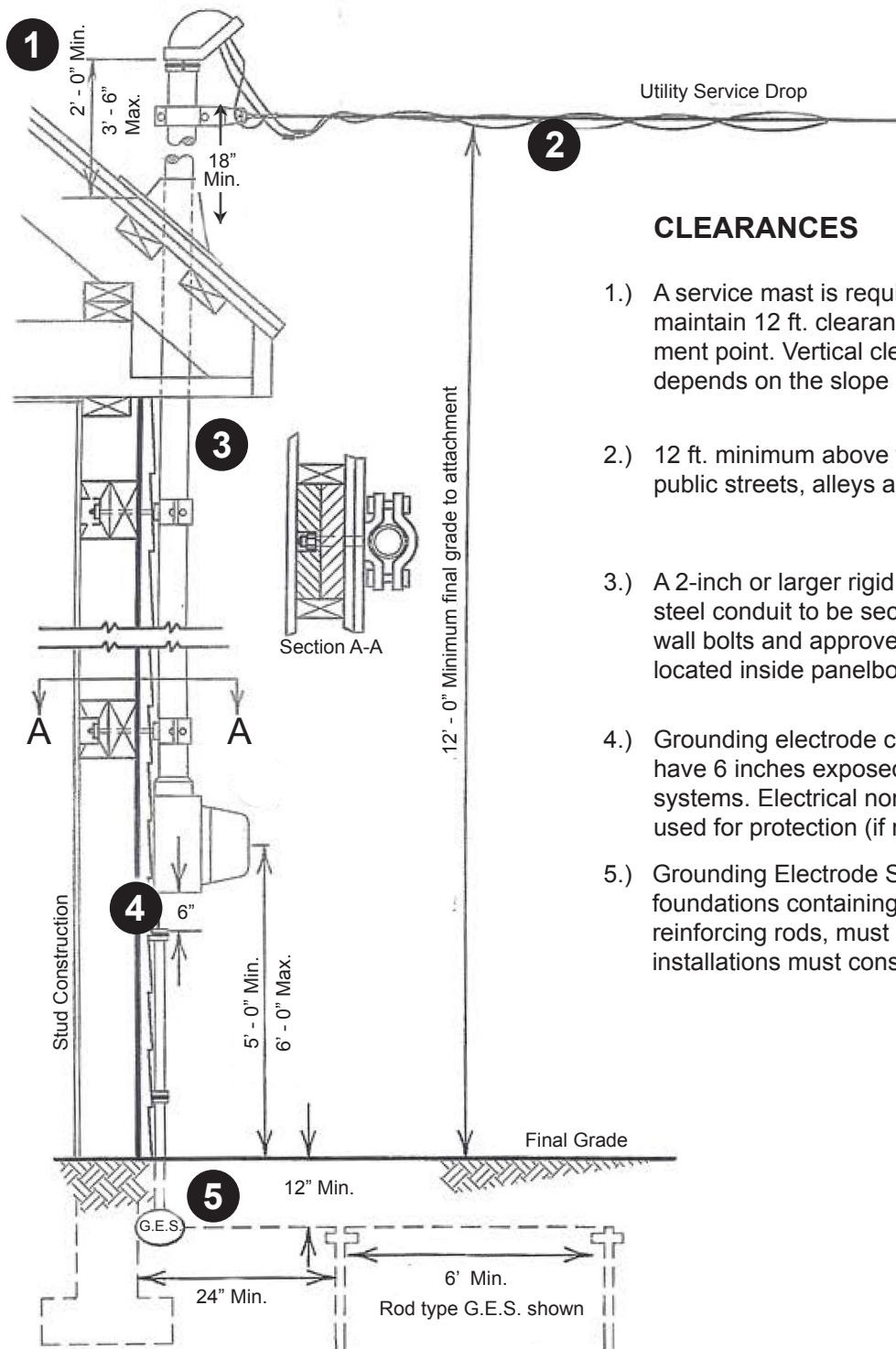


ABOVE ROOF SERVICE

200 AMP Maximum

No service can be mounted on the outside wall of a mobile or manufactured home without proof of HUD approval, which must be provided to the Cooperative. Kentucky does not recognize modular homes.

***ATTENTION *** A DISCONNECT BREAKER IS REQUIRED !!!



CLEARANCES

- 1.) A service mast is required when it is not possible to maintain 12 ft. clearance from finished grade to attachment point. Vertical clearance of conductor to roof surface depends on the slope of the roof.
- 2.) 12 ft. minimum above walks. 18 foot minimum above public streets, alleys and cultivated or grazing areas.
- 3.) A 2-inch or larger rigid or intermediate grade galvanized steel conduit to be secured with two or more, through-the-wall bolts and approved mast clamps. (Bolts shall not be located inside panelboard.)
- 4.) Grounding electrode conductors shall be unspliced and have 6 inches exposed for the interconnection of other systems. Electrical nonmetallic or metallic conduit shall be used for protection (if metallic, bond both ends)
- 5.) Grounding Electrode System (G.E.S.)- All new building foundations containing qualified concrete-encased reinforcing rods, must become a part of the G.E.S. All other installations must consider pipe, rod, or plate type G.E.S.

BELOW ROOF SERVICE

200 AMP Maximum

No service can be mounted on the outside wall of a mobile or manufactured home without proof of HUD approval, which must be provided to the Cooperative. Kentucky does not recognize modular homes.

***ATTENTION *** A DISCONNECT BREAKER IS REQUIRED !!!

VERTICAL CLEARANCES

1.) 12 ft. over residential property and those commercial areas not subjected to truck traffic where voltage is limited to 300 volts to ground.

15 ft. where subject to non-routine vehicular traffic.

18 ft. minimum above public streets, alleys and cultivated or grazing areas.

2.) Point of attachment should not be farther than 2 feet from the weatherhead and installed by the electrician to attach utility service drop.

3.) MINIMUM CONDUIT SIZE FOR SINGLE FAMILY DWELLINGS ONLY

AMP	COPPER	CONDUIT	ALUM.	CONDUIT
100	#4	1 1/4"	#2	1 1/4"
200	#2/0	1 1/2"	#4/0	2"

4.) Grounding electrode conductors shall be unspliced and have 6 inches exposed for the interconnection of other systems. Electrical nonmetallic or metal conduit shall be used for protection. If metallic, bond both ends.

5.) Grounding Electrode System (G.E.S.)
All new building foundations containing qualified concrete-encased reinforcing rods, must become a part of the G.E.S. All other installations must consider pipe, rod, or plate type G.E.S.

