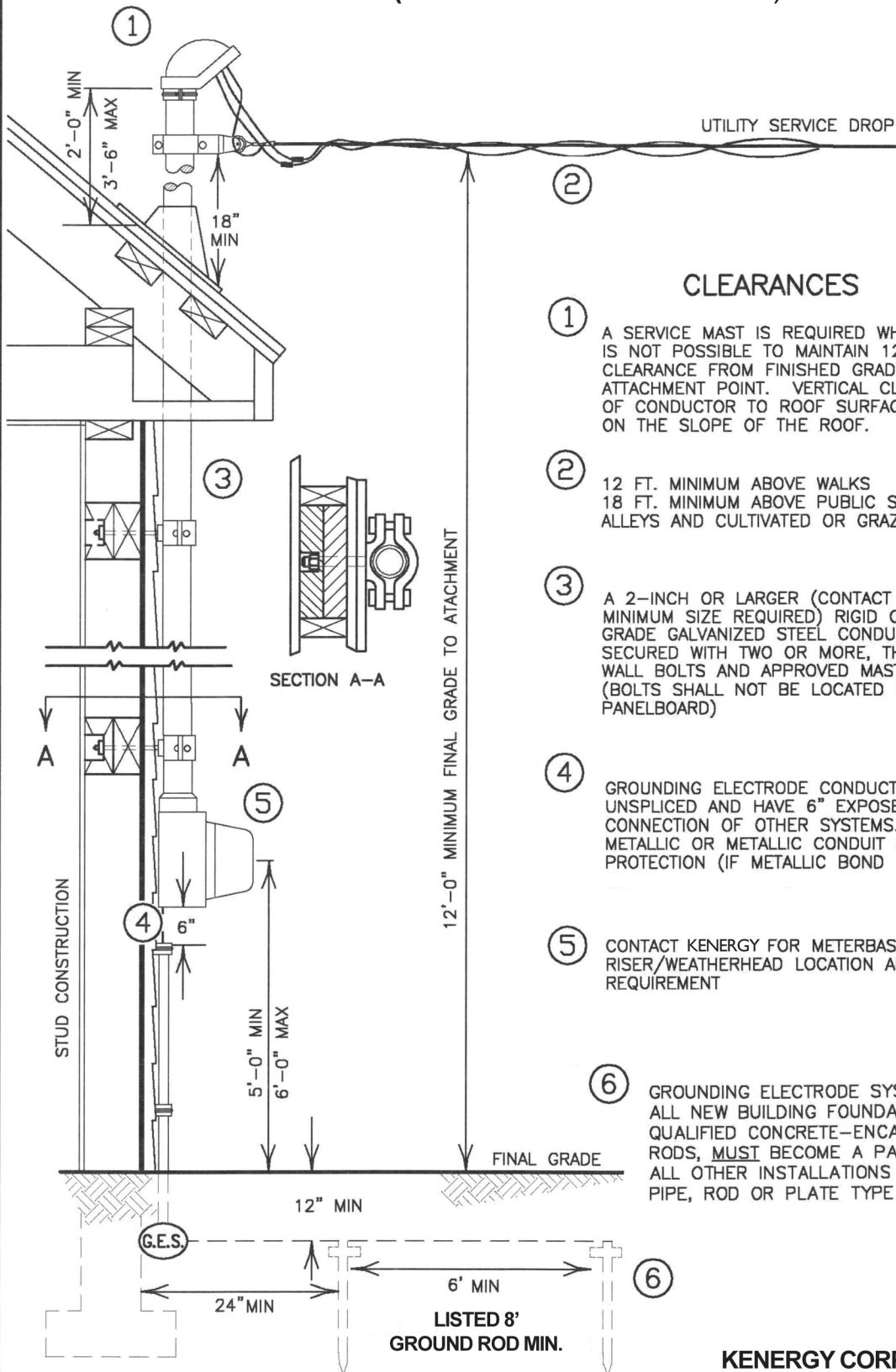


## DETAIL DRAWING SERVICE ABOVE ROOF (PERMANENT STRUCTURE)



### 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 FT. MINIMUM ABOVE PUBLIC STREETS, ALLEYS AND CULTIVATED OR GRAZING AREAS.
- ③ A 2-INCH OR LARGER (CONTACT LOCAL UTILITY FOR MINIMUM SIZE REQUIRED) 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" EXPOSED FOR THE INTER-CONNECTION OF OTHER SYSTEMS. ELECTRICAL NON-METALLIC OR METALLIC CONDUIT SHALL BE USED FOR PROTECTION (IF METALLIC BOND BOTH ENDS)
- ⑤ CONTACT KENERGY FOR METERBASE AND RISER/WEATHERHEAD LOCATION AND BY-PASS REQUIREMENT
- ⑥ 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.