

9. Other Symbols. Many other symbols exist and may be found on schematic diagrams. It would be impractical to attempt to illustrate them all. However, the symbols discussed below are components that are likely to be found in Army fire control applications.

a. Grounds. The circuit return or completion is normally accomplished through the use of grounds. Grounds are usually of two types:

(1) Earth ground is a direct conducting connection to the earth or some structure. The symbol used to represent earth ground is shown in figure 1-33A.

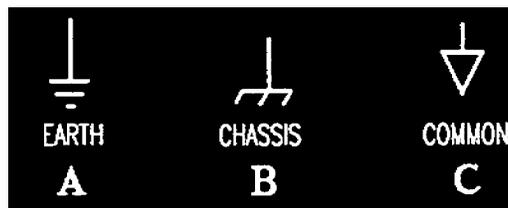


Figure 1-33. Ground Connections.

(2) Chassis ground is a conducting connection to the chassis or frame of the equipment or circuit. The chassis ground may not be at the same potential as the earth ground. The symbol for a chassis ground is shown in figure 1-33B.

A third symbol may be used to indicate a ground connection when all identically annotated return connections are at the same potential. The symbol for these common-ground connections is shown in figure 1-33C.

b. Antennas. Many electronic devices require the use of an antenna to receive input signals. The types of antennas used vary greatly, based on the function of the equipment. Figure 1-34 illustrates some of the common symbols used for antennas.

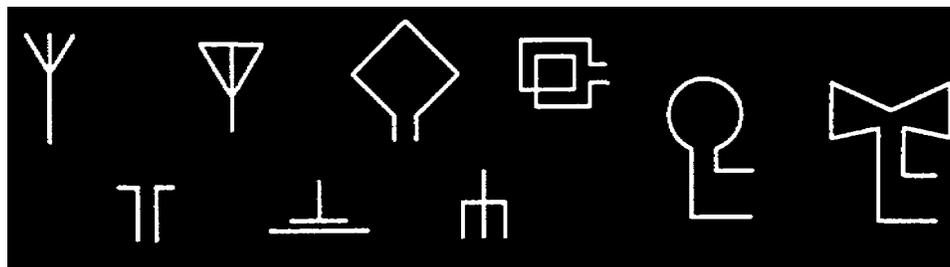


Figure 1-34. Antenna Symbols.