

Ground assembly installation procedure when ground rod cannot be driven vertically to proper depth

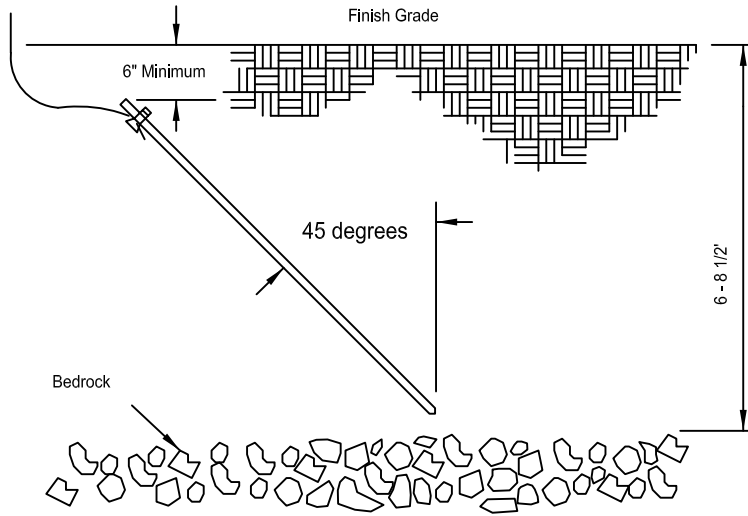


Figure 1

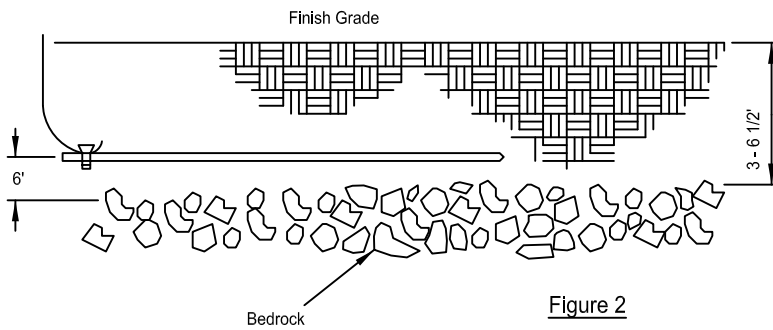


Figure 2

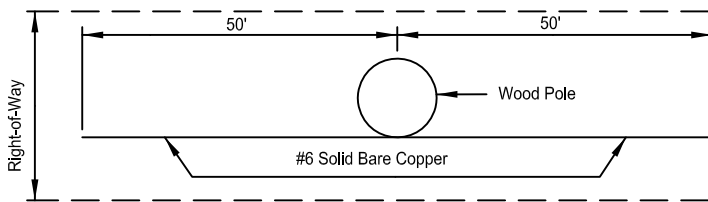


Figure 3

Depth of Soil (ft)	Procedure
6 - 8 1/2	Drive rod at 45 degrees angle, top must be a minimum of 6" below finished grade.
3 - 6	Bury rod horizontal in a trench 6" above bedrock. Backfill must be well compacted in 6" lifts.
1 1/2 - 3	Connect two 50' lengths of #6 solid bare copper to the pole ground. Bury each length in a straight line on opposite sides of pole as deep as possible (minimum of one foot). Wire must be within PNM's right-of-way. Caution: Do not bury line taps.
0 - 1 1/2	Notify division engineer if a ground must be installed in an area with less than 1 1/2' of earth.