Below is our recommendations for installation: It is the installer's responsibility to consider the soil conditions and wind load when 6 inch schedule 40 setting the pole. If the installer is unsure of steel pipe the soil conditions or the wind load, please consult a geo-tech and/or an engineer. In most cases leave 7 feet of the pole above ground And 6 feet below ground in a hole at least 6 times the diameter of the pole. Fill the bottom half with concrete and the top half with compacted fill or concrete depending on soil conditions. Many factors can affect the geometry of a pole mount, if in doubt, check with an engineer. Contact an engineer before Compacted Fill or beginning the installation, if an engineer's Concrete depending stamp is required. on soil conditions 2 inch Conduit and Sweep to Combiner box Trench 2 to 3 feet deep Soil as per code To System 6 feet Soil Concrete Drainage 3 foot Diameter