ELECTRICAL PVC & CONDUCTORS TO BE INSTALLED IN COMPLIANCE TO NEC AND AUTHORITIES HAVING JURISDICTION : Articles 352 ( Nonmetallic Conduit ) , 300.5 ( Depth ) , 310.15 ( B-16 ) Conductors Ampacities , Table 250.122 Grounding ( minimum requirements ) , Chapter 9 Table 1 ( Conduit Fill ) and Article 240 ( Overcurrent Protection ) .

 South

Section #1 : Red & light blue

Section #2 : yellow, green & black

 20’ ( ft )

 Cut concrete

 ( 2” Depth )

120 Volts – 20 Amps

#12 AWG Stranded .

1 set of three wires

White , green and black . ( blue and green lines )

 ¾ “ PVC Conduit Trenching by hand / shovel

 and electric chain saw ( roots )

 Cut concrete 26’ ( ft ) at 18’ depth

 to enter building ( 2” Depth) NEC Table 300.5

 North