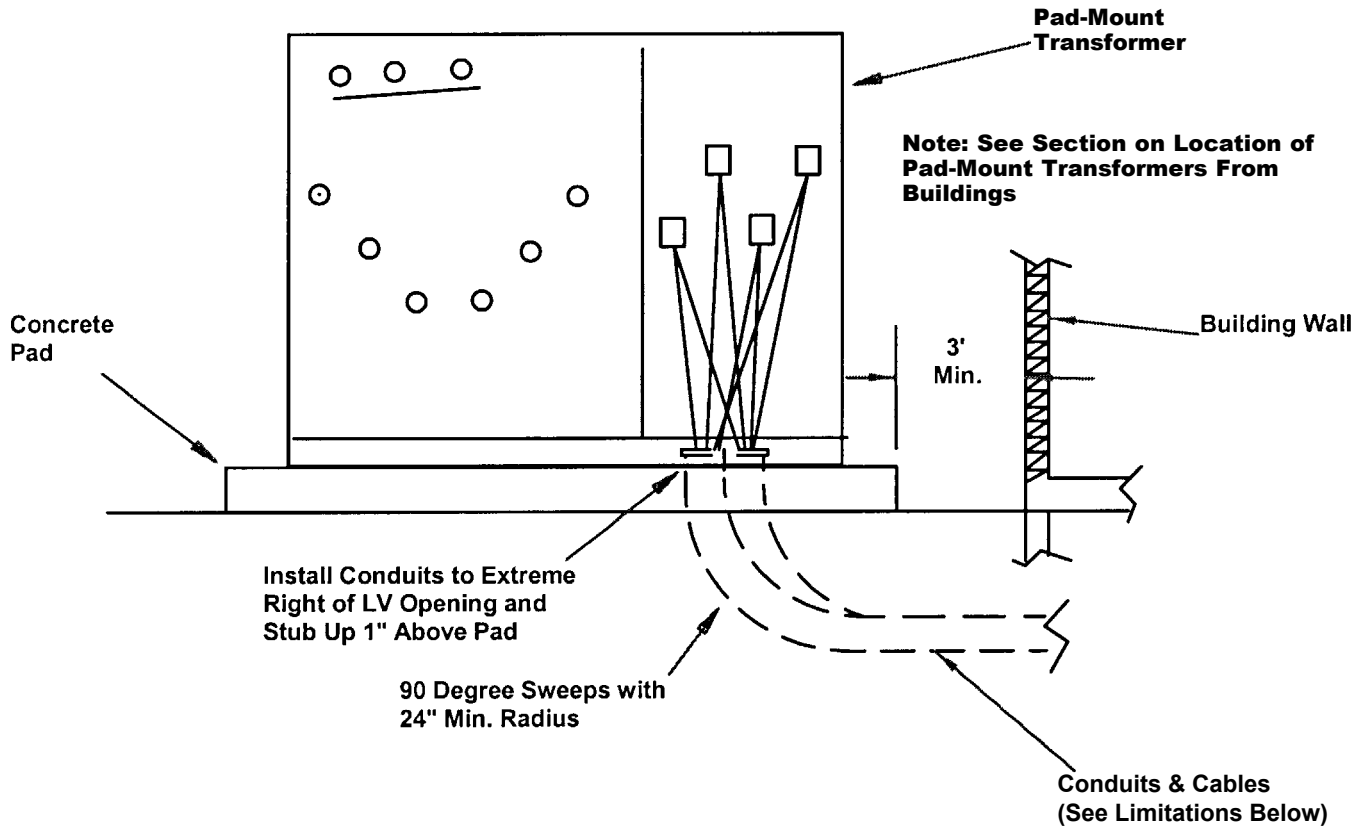


FIGURE 3
Three-Phase Underground Service WITHOUT Connection Cabinet



Connexus Energy to provide:

1. Pad-mount transformer, primary conductors, primary terminations, and transformer ground grid.
2. Secondary conductors for services — 200 amp and less — from transformer.
3. Secondary conductor terminations at the transformer.
4. For information on services with nominal voltages greater than 250 volts and service ratings 200 amps or less, see the topic **Voltage Requirements** in the **Electric Meter Requirements** section.

Customer to provide:

1. Concrete transformer pad, guard posts, and conduits. (NOTE: Conduit must be used for secondaries.)
2. Secondary conductors for services greater than 200 amp.
3. Secondary conduits from building to transformer. Install conduits at extreme right of LV side of transformer pad cable opening and a maximum of 1" above the transformer pad.
 Do not terminate conductors on transformer lugs. The number and size of conduits and conductors are limited to:
 - Maximum of four (4) 4-inch conduits
 - Maximum of four (4) conductors per phase
 - Maximum conductor size of 500 kCMIL CU or 750 kCMIL AL

If limitations are exceeded, a connection cabinet is required. See Figure 4 "Three-Phase Underground Service **with** Connection Cabinet" drawing.