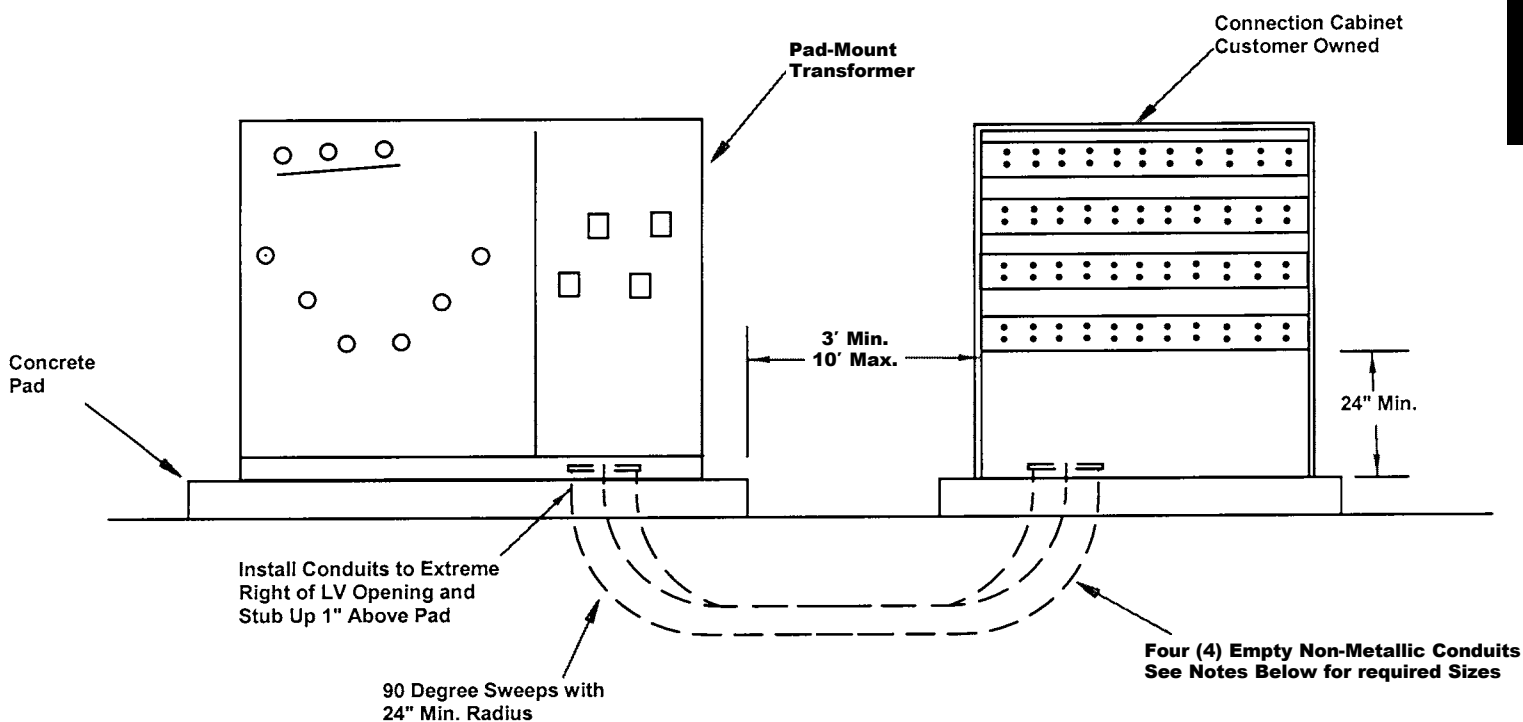


FIGURE 4
Three-Phase Underground Service WITH Connection Cabinet



Connexus Energy to provide:

1. Pad-mount transformer, primary conductors, primary terminations, and transformer ground grid.
2. Secondary conductors from the transformer to connection cabinet and secondary terminations at transformer and connection cabinet.

Customer to provide:

1. Concrete transformer pad, guard posts, and conduits.
2. Connection cabinet with all buss-work and concrete pad. The lowest buss-bar in the connection cabinet shall not be less than 24" above the bottom of the cabinet.
3. Four (4) empty conduits from transformer to connection cabinet. The conduits and sweeps must be **non-metallic**. The size and number of conduits required per service are as follows:

Service Size	No. of Conduits	Size of Conduits and Sweeps
200 to 1600 Amp	4	5" non-metallic
2000 to 3000 Amp	4	6" non-metallic
Over 3000 Amp	Contact Connexus Energy	

Install conduits at extreme right of LV side of transformer pad opening and a maximum of 1" above the transformer pad and connection cabinet pad.

Note: Secondary throats from transformer to connection cabinet are not allowed.

4. Secondary conductors, terminations, and conduits from connection cabinet to customer service entrance.