

# CONCRETE TRANSFORMER PAD

45-150 KVA TRANSFORMERS

## CONTRACTOR NOTES

Contractor to provide and install (2) 4" schedule 40 conduits and sweep elbows with a 4' radius. Conduits shall be flush with top of concrete.

Primary conduits shall extend 5' from pad and ends staked above ground. A minimum of 4' of cover over primary conduits is required.

All labor and material (secondary conduits, elbows, connectors, conductors, installation and landing of conductors and 2" metering conduits on secondary side to be provided by contractor.

Install 2" metering conduit from secondary side to the meter base. Metering conduit to be schedule 80 PVC.

The opening shows a dashed line which represents an inner wall between the primary and secondary bushings in the transformer cabinet. DO NOT install the conduit under this inner wall. Leave a minimum of 2" between the conduits and the inner wall. All conduits shall be centered and located near the front of the required opening (both primary and secondary).

There shall be a minimum of ten (10) feet of clearance from the front of the transformer to any obstructions. A five (5) feet minimum clearance is required on the other three sides.

If near a traveled area 4" steel posts are required to protect transformer. Please contact Noble REMC for location of posts.

Concrete slab shall be constructed with a minimum of 4000 PSI mix and reinforced with mesh throughout.

Noble REMC provides and installs the primary ground rod.

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