



NOTES

- (1) Transformer shall be protected by guard posts if placed in traffic area.
- (2) Primary ducts shall be direct buried rigid galvanized or IMC duct or concrete encased PVC duct. Customer may use schedule 40 rigid PVC minimum duct without concrete encasement provided a minimum 10' rigid galvanized or IMC duct is installed for primary at the horizontal when entering or exiting the vertical elbow at the padmounted equipment. The primary and secondary duct will be furnished and installed by the customer.
- (3) Red warning tape shall be placed 12" above any PVC that is not concrete encased.
- (4) Preferred riser location to be 45° from the system neutral.
- (5) For allowable number of secondary conductors see table above.
- (6) Customer shall include a polyester pull string with a minimum breaking strength of 210lbs in completed duct for future use by PNM.
- (7) When using 4/0 AL 15kV primary cable. A 4" duct ventilator 5975-258186 with 4" nipple 5975-274787 must be used to place ventilator 1' above grade.
- (8) All secondary cables must be tagged with phase and address for tracing reasons. The secondary cables shall be marked no more than 12" above the duct.
- (9) Minimum of 1'10" x 14" to be maintained for secondary duct area to allow up to 8 - 4" secondary duct.
- (10) Optional: Install protective cover (IN 0100007921) onto transformer door handle to prevent copper theft and tampering.
- (11) Customer's contractor working near any PNM lines are responsible for adhering to all applicable regulations and codes; including but not limited to the NESC, OSHA and the NEC.

REFERENCES

- (1) See DM-4-11.0 Maximum Available Fault Currents
- (2) See Section 7 for Concrete Pad Detail
- (3) See DS-7-16.10 Guard Post
- (4) See DS-7-16.12 Minimum Working Space and Fire Safety Requirements for Transformers
- (5) See Section 10 for Configuration Options
- (6) See DS-18-20.0 ground Assembly
- (7) See DS-18-22.0 Universal Support Bracket

Three-Phase Padmounted Transformer Customer Installed

DS-7-15.0