



NOTES

- (1) Compaction in city or state right-of-ways shall meet or exceed minimum specified requirements.
- (2) Shading and bedding material to be Type IV, Class 2 for cable in conduit. Type III material is suitable for either type of installation. Refer to DS-10-12.4 for fill material requirements.
- (3) If trench-run material meets back fill material type requirements, 3" bedding may be omitted provided the trench bottom is smooth, flat and without surface irregularities.
- (4) Maximum change in the trench bottom elevation shall not exceed 2" over a 10' length.
- (5) Spoil pile shall be placed on the field side a minimum of 2' from the trench edge.
- (6) Latest OSHA trench safety requirements shall be strictly observed.
- (7) When bringing cables to pedestals, 12" separation must be maintained from the gas line.
- (8) PNM owned or maintained streetlight circuits may be installed in trench next to electric cables.
- (9) Private area lighting or private streetlight circuits must maintain 12" separation from all other joint occupants.
- (10) Check with local gas utility for minimum separation but, in no case it should be less than 12".
- (11) Typical subdivision where property line is 9' from back of curb and 10' Public Utility Easement (PUE).
- (12) Warning tape shall be placed a minimum of 12" above the upper level of utilities at the center of the trench.
- (13) Additional cutback from main trench required at transformer and pedestal locations.

REFERENCES

- (1) NESC rule 352, 353, 354
- (2) DS-7-16.12 Minimum Working Space and Fire Safety Requirements for Transformers
- (3) DS-7-17.0 Working Space and Fire Safety Requirements Supplement

Typical Residential - Trench Details