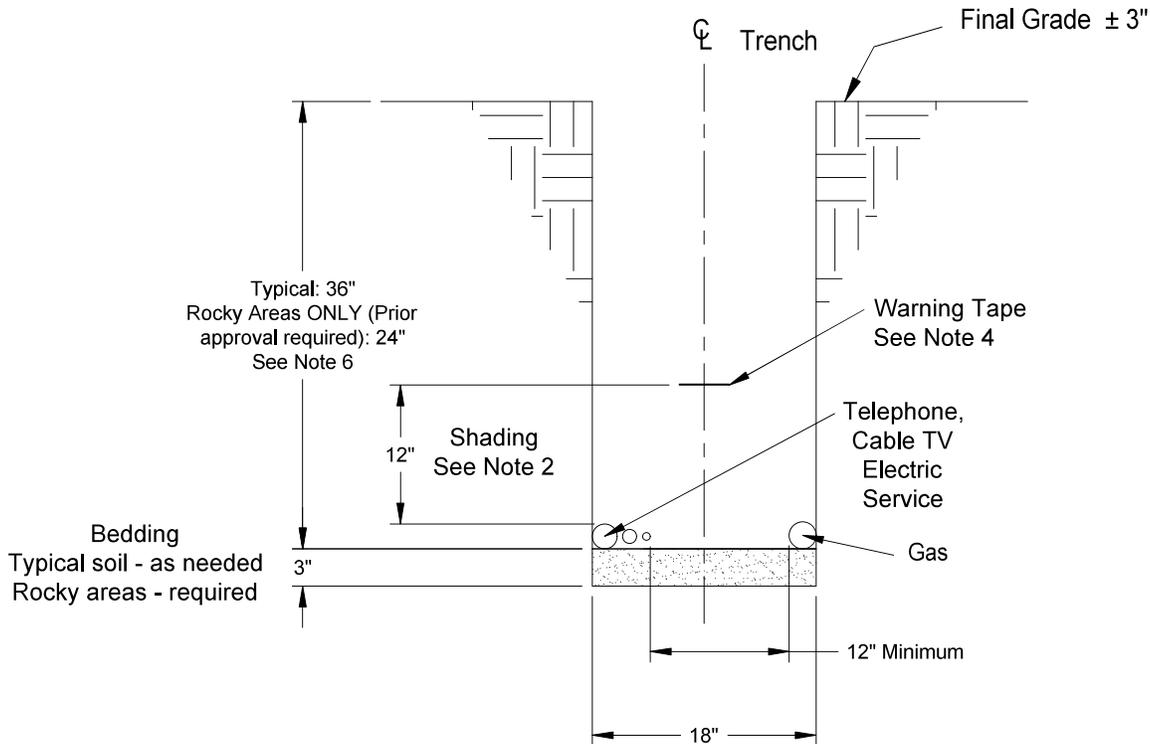


Residential Underground
Joint Service Trench Detail



NOTES

- (1) Where applicable, compaction in city or state right-of-way shall meet or exceed the associated minimum requirements.
- (2) Shading and bedding material to be Type III (sand) or Type IV, Class 2 (reused or imported soil) and be free of debris and have no gravel larger than 2". If trench-run spoils meet backfill type requirements, bedding may be omitted provided the trench bottom is smooth, flat, and without surface irregularities and shall be free and clear of debris or organic material. If trench bottom cannot with reasonable effort achieve this requirement, a minimum 3" bedding shall be installed to provide the necessary surface. Bedding is required in all rocky areas. A minimum of 12" of shading over PNM facilities is required. Refer to DS-10-12.4 for fill material requirements.
- (3) Latest OSHA trench safety requirements shall be strictly observed.
- (4) Warning tape shall be placed a minimum 12" above top of duct(s) at the center of each section of electric trench.
- (5) Separation between PNM and other utilities shall be a minimum of 12" at any crossings.
- (6) Application of depths in rocky areas require prior approval. Rocky areas are those where earth requires the use of rock saw, rock trencher, jackhammers, or explosives to obtain proper depth.
- (7) Local gas utility to determine minimum separation, but in no case shall it be less than 12".
- (8) Local communications companies to determine minimum separation from electric duct, if any.

REFERENCES

- (1) NESC Rule 352A2, Rule 352D, and Rule 353.
- (2) See DS-10-8.2 Pg. 1 for typical PNM only or joint trench detail
- (3) See DS-4-11.0, DS-4-12.0, DS-4-13.0, and DS-4-14.0 for additional information and limitations.

