



**NOTES**

- (1) Trench detail for PNM owned cable in duct installation. This drawing shows the minimum recommended requirements for cable in duct installations.
- (2) Where applicable, compaction in city or state right-of-way shall meet or exceed minimum requirements.
- (3) 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.
- (4) Latest OSHA trench safety requirements must be strictly observed.
- (5) Warning tape shall be placed a minimum of 12" above the top of duct.
- (6) Trench bottom shall be smooth, flat and without surface irregularities, and shall be free and clear of debris or any organic material. If trench bottom cannot, with reasonable effort, be made without surface irregularities, then a sufficient amount of bedding material as required by Note 2 shall be installed to provide the required surface. In no event shall the top of duct be less than 24" below finish grade.
- (7) Maximum change in the trench bottom elevation shall not exceed 2" over a 10' length. Bedding materials required by Note 3 may be used to meet this requirement.
- (8) Cable in duct shall remain intact, not to be used in combination with direct buried cable.
- (9) Rocky area is where earth requires the use of rock saw, rock trencher, jackhammers or explosives to reach proper depth.
- (10) Special use Rocky areas detail see DS-10-8.1 Page 7.
- (11) This detail is only to be used upon approval of PNM Distribution Engineering.

Depth Schedule for Cable in Duct in Rocky Areas	
Cable Type	"D"
Service and Secondary	24" Minimum
Primary	30" Minimum

**Rocky Areas**  
Where earth requires the use of rock saw, rock trencher, jackhammers or explosives to reach the proper depth.

**REFERENCES**

- (1) NESC rule 352, 353, 354