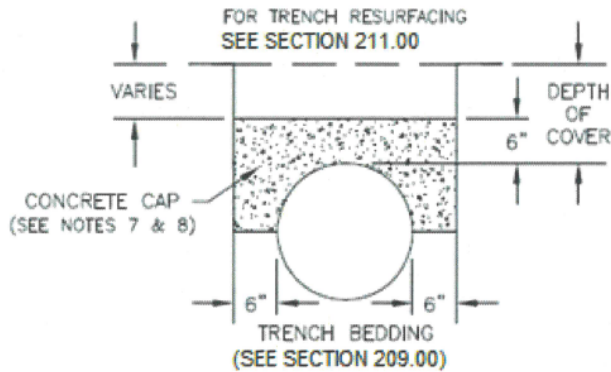


SECTION 210.00

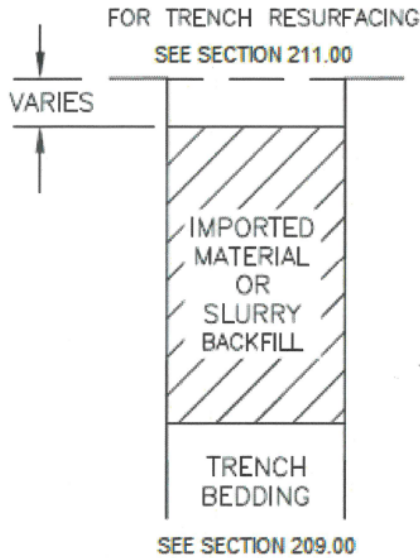
TRENCH BACKFILL



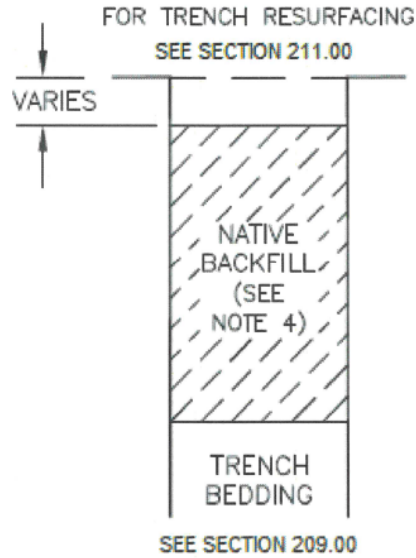
CONCRETE CAP

SLURRY BACKFILL MIX DESIGN:

2600# PEA GRAVEL
 800# SAND
 1 SACK CEMENT
 11 GAL WATER



CLASS 'A'



CLASS 'B'

NOTES:

1. This standard does not apply to joint utility trenching.
2. Import backfill material:
 - May be stream gravel or crushed rock, and
 - Shall be reasonably well graded from coarse to fine with a maximum size of 3" and a minimum sand equivalent greater than 25.

3. Slurry backfill shall be per mix design above and shall be placed and compacted in lifts not exceeding 18".
4. Native backfill is allowed outside existing and future roadways, or areas dictated by the District. If approved, oversized rocks, greater than 3-inches shall be removed and the material shall be free of roots and other deleterious materials. The minimum required relative compaction shall be 85% and moisture conditioning and compaction testing shall be performed by a qualified geotechnical engineer or other qualified soils technician.
5. For required compaction density and testing frequency, See Section 201.00.
6. Compaction by jetting is not permitted.
7. Concrete cap shall be placed over pipe when the depth of cover is less than the minimum for the Specific type of pipe per these standards.
8. Concrete for cap shall be class 450-C-2000 per the Standard Specifications.
9. Trench backfill and cover depth requirements may be dictated by a project-specific encroachment permit issued by the City or Redding and/or Shasta County. In these cases, District standards may not apply.