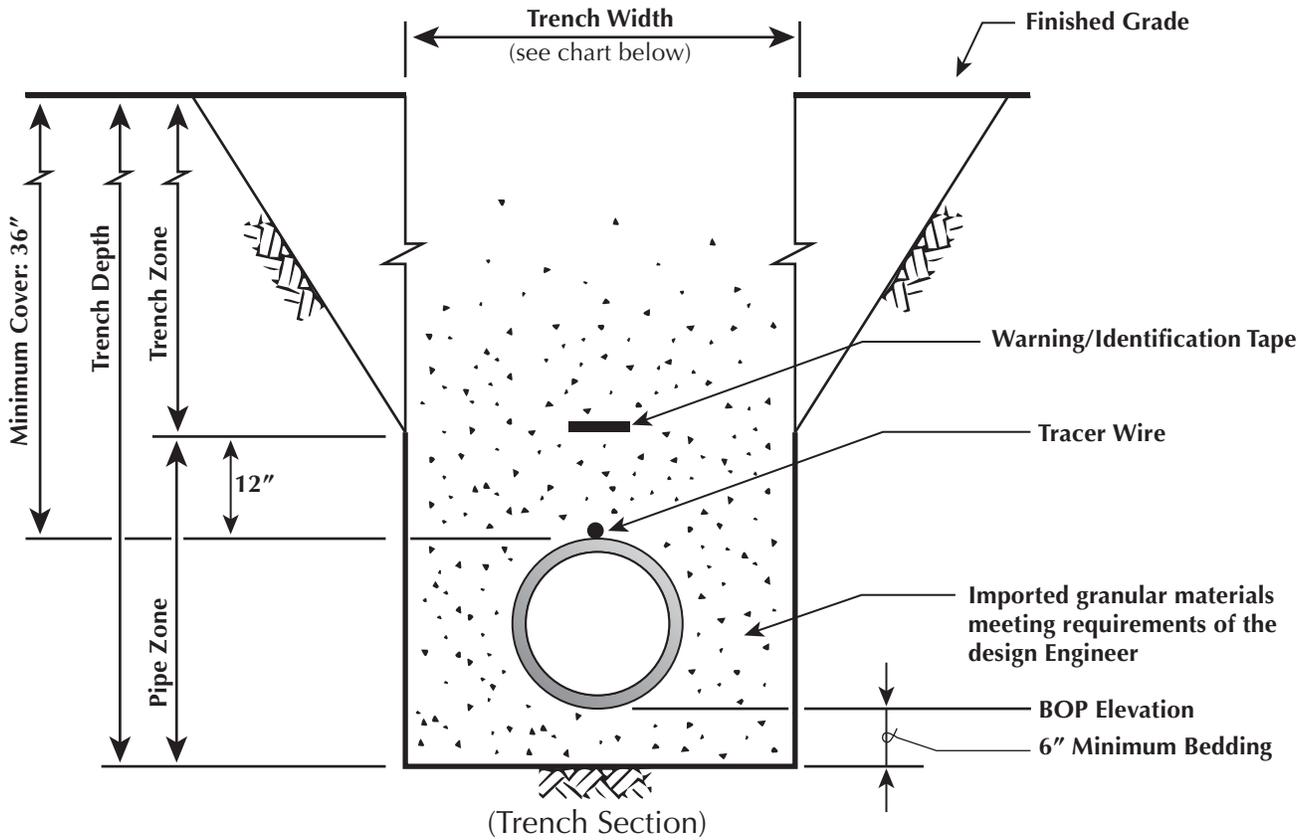




Underground Fire Service Utility Trench/Bedding Detail



TRENCH WIDTH

NOMINAL PIPE INSIDE DIAMETER	MINIMUM DISTANCE	MAXIMUM DISTANCE
4"	18"	28"
6" & 8"	24"	32"
10" & 12"	28"	36"
16" through 36"	OD plus 24"	OD plus 34"

Notes:

1. All pipeline trenches shall be excavated so that the distance between trench walls is in accordance with the Trench Width Table above.
2. Backfill material shall be tamped and compacted in layers or in puddles under and around pipes to prevent settlement or lateral movement and shall contain no ashes, cinders, refuse, organic matter, or other corrosive materials.
3. Trenching, backfill, and compaction shall be in accordance with Water Agency Standard Specifications, Section 02223.
4. Rocks shall not be used for backfill.
5. Filter fabric shall be used when excessively wet, soft, spongy, or similarly unstable material is encountered or in areas of suspected high groundwater in accordance with the soils technician's recommendation and the approval of the design Engineer.
6. See CVFD Policy: Underground Fire Service Utility Requirements.

