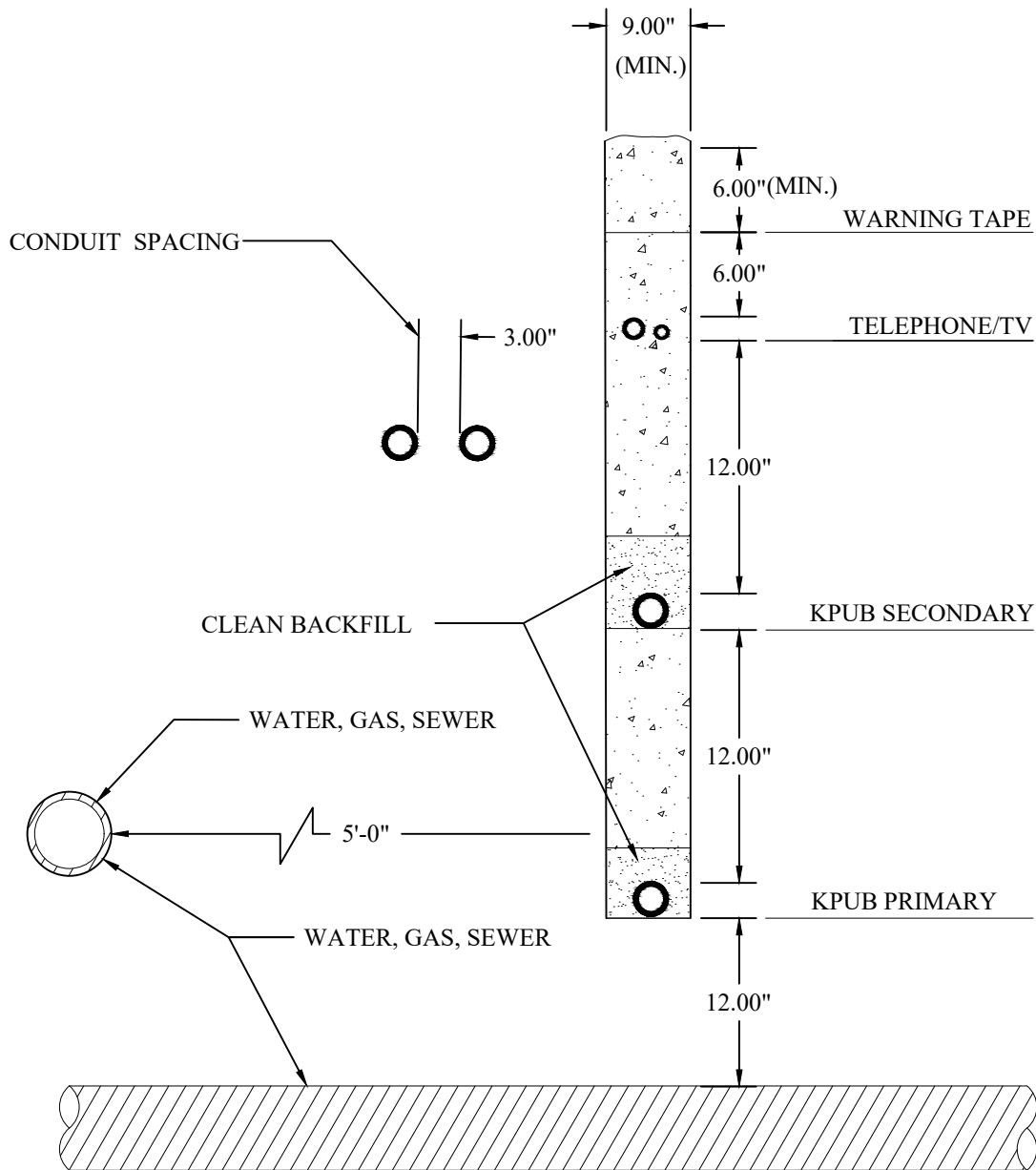


TRENCH DETAIL



NOTES:

1. Water, sewer and gas will **NOT** be installed in the same ditch as KPUB. A vertical separation of 12" at a crossing and a horizontal separation of 60" (5') when running parallel is required, otherwise concrete reinforcement will be needed.
2. Electrical warning tape is to be installed 6" to 12" below grade inside the trench.
3. Mule tape **WITHOUT** splices must be installed through out the conduit system, end to end. 1800 lbs. minimum.
4. 4" of clean back fill, such as sand or soil containing no rocks, will be required above the primary AND secondary conduit. Remainder of the trench can be filled using the soil taken out of the trench.
5. Flood seals will be required at the termination points of the conduits inside the hand hole and transformer.
Thomas&Betts Cat. No. 3135 Conduit Cap for 3" and Cat. No. 3133 for 2 ½". If there is a spare conduit a conduit cap will be required instead.
6. All primary installations will require a spare conduit. No mule tape is required in the spare. Conduit caps shall be installed on spare conduits
7. All bends and conduits above ground will be SCHED. 80 otherwise SCHED. 40 is allowed. Bends will have a 36" long radius. Any deviations will require **TOTAL RECONSTRUCTION** unless approved by engineering.

Construction Standard

	Kerrville Public Utility Board	PRIMARY TRENCH DETAIL WITH COMMUNICATIONS	Drawn By	Approved	Date
			JHW	RBJ	05/31/24
			Scale	Drawing	Sheet
			NTS	1	1