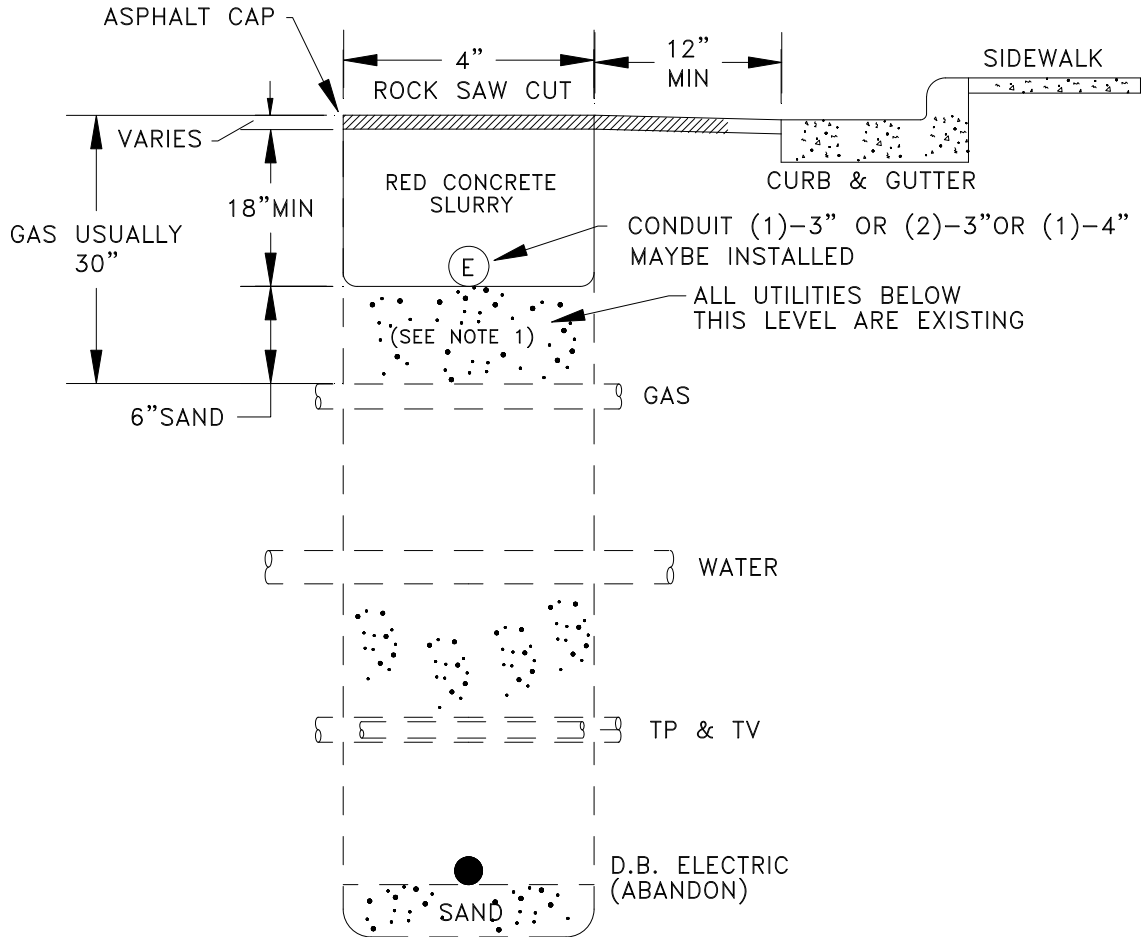


REFURBISHMENT TRENCH DETAIL



REFURBISHMENT TRENCH

				VOLUME 17 – ENGINEERING & CONSTRUCTION STANDARD		TE0005U	
REFURBISHMENT TRENCH DETAIL (ABANDON DIRECT BURIAL)				Revision: 6		Page 1 of 2	
Drawn:	Eng:	Appr:	Date:				
JL	JF	SJ	5/04				

Notes:

1. All utility crossings must be exposed (pot holed) and checked for depth in refurbishment construction.
2. Use a 4" rock saw cut for 3" conduit. 4"C will require some trench enlargement. Normal refurbishment trench depth is 28" except when crossing other utilities. Must maintain an 18" minimum depth below the asphalt.
3. Trench slurry backfill shall consist of a fluid, workable mixture of aggregate, cement and water. Red concrete slurry to be 1/4" minus with a 2 sack mix and 4 lbs of red dye per sack.
4. The top elevation of the trench slurry backfill must not exceed the elevation at the bottom of the existing asphalt cement (A.C.) subgrade base. A minimum of one sack slurry mix may be substituted for Type 2 base.
5. The aggregate cement and water shall be proportioned by weight. 188 pounds of cement (2 sack) shall be used for each cubic yard of material. The water content shall be sufficient to produce a fluid, workable mix that will flow and can be pumped without segregation of the aggregate while being placed.
6. Material samples and testing will not be required for concrete slurry produced by an established commercial patch plant with a satisfactory history of quality control.

				VOLUME 17 – ENGINEERING & CONSTRUCTION STANDARD		TE0005U
				REFURBISHMENT TRENCH DETAIL (ABANDON DIRECT BURIAL)		
Drawn:	Eng:	Appr:	Date:			Revision: 6
JL	JF	SJ	5/04			Page 2 of 2