



PLAN

SECTION

	BRANCH PIPE DIAMETER					
	3", 4", & 6"	8"	12"	16"	20"	24"
A	18"	2'-0"	3'-0"	3'-9"	4'-6"	5'-0"
B	12"	15"	15"	18"	18"	2'-0"
C	18"	2'-0"	3'-0"	4'-0"	5'-6"	6'-0"
D	.1	.2	.4	.8	1.4	2.2

D = APPROXIMATE VOLUME OF CONCRETE IN CUBIC YARDS

NOTES:

1. WRAP FITTING WITH 4 MIL POLYETHYLENE PLASTIC WRAP BEFORE PLACING CONCRETE
2. CONCRETE SHALL BE CLASS 15-1
3. CONCRETE MUST BEAR AGAINST UNDISTURBED SOIL
4. SOIL BEARING VALUE - 2000 PSF
5. RETAINER GLAND ON BRANCH OUTLET ONLY UNLESS OTHERWISE DIRECTED
6. WHERE CONCRETE ANCHOR EXTENDS PAST EDGE OF TRENCH, ADDITIONAL EXCAVATION SHALL BE REQUIRED

PHILADELPHIA WATER DEPARTMENT	CONCRETE ANCHORS FOR TEES		
	DRAWN BY:	D&B GUARINO	DATE: FEB. 2022
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