



	PIPE DIAMETER					
	3", 4", & 6"	8"	12"	16"	20"	24"
A	18"	21"	2'-6"	3'-6"	4'-0"	5'-0"
B	12"	15"	15"	18"	2'-0"	2'-3"
C	15"	20"	2'-6"	3'-0"	4'-0"	4'-6"
D	.06	.07	.15	.28	.66	1.0

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. WHERE CONCRETE ANCHOR EXTENDS PAST EDGE OF TRENCH, ADDITIONAL EXCAVATION SHALL BE REQUIRED

PHILADELPHIA WATER — DEPARTMENT —	CONCRETE ANCHORS FOR HORIZONTAL 1/8 BENDS		
	DRAWN BY:	D&B GUARINO	DATE: FEB. 2022
CHECKED BY:	WD	DETAIL ID: THRUST-03	REV.: 1