



	PIPE DIAMETER					
	3", 4", & 6"	8"	12"	16"	20"	24"
A	18"	2'-0"	3'-0"	3'-0"	4'-6"	5'-0"
B	11"	13"	11"	11"	17"	18"
C	24"	2'-6"	2'-6"	3'-0"	3'-9"	4'-6"
D	.1	.2	.3	.4	1.1	1.56

- 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

PHILADELPHIA WATER DEPARTMENT	CONCRETE ANCHORS FOR HORIZONTAL 1/4 BENDS		
	DRAWN BY: D&B GUARINO CHECKED BY: WD	DATE: FEB. 2022 DETAIL ID: THRUST-02	REV.: 1