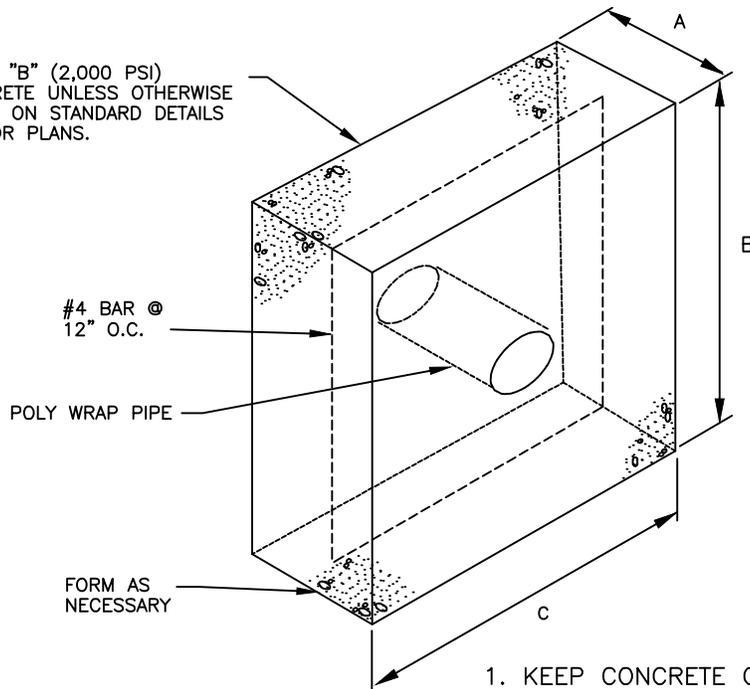


CLASS "B" (2,000 PSI)  
CONCRETE UNLESS OTHERWISE  
NOTED ON STANDARD DETAILS  
AND/OR PLANS.



**NOTES:**

1. KEEP CONCRETE CLEAR OF PIPE JOINTS & BOLTS.
2. ALL PIPE FITTINGS BE RESTRAINED BY AN APPROVED THRUST RESTRAINT DEVICE.

BENDS		90°	45°	22-1/2°	11-1/4°
PIPE NOMINAL DIA. (in.)	*VOL.	28.27	22.61	11.33	5.65
	REQ'D.	1.75	1.5	1.0	0.75
	C.F.	4.0	3.88	3.36	2.75
	6	4.0	3.88	3.36	2.75
	A				
	FT.				
	B				
	FT.				
	C				
	FT.				
	*VOL.	50.27	40.21	20.11	10.05
	REQ'D.	2.0	1.75	1.5	1.0
	C.F.	5.0	4.8	3.66	3.2
	8	5.0	4.8	3.66	3.2
	A				
	FT.				
B					
FT.					
C					
FT.					
*VOL.	78.54	62.83	31.41	15.71	
REQ'D.	2.25	2.0	1.75	1.5	
C.F.	5.9	5.6	4.25	3.25	
10	5.9	5.6	4.25	3.25	
A					
FT.					
B					
FT.					
C					
FT.					
*VOL.	153.94	123.15	61.57	30.79	
REQ'D.	4.0	3.5	2.0	1.75	
C.F.	6.2	6.0	5.54	4.2	
12	6.2	6.0	5.54	4.2	
A					
FT.					
B					
FT.					
C					
FT.					
*VOLUME CALCULATED ON THE BASIS OF CONCRETE REACTING THRUST ON THE RESPECTIVE BENDS UNDER AN INTERNAL PRESSURE OF 150 PSI AND CONCRETE WEIGHT OF 150 LB. PER CU. FT.					

**FIGURE 6**  
VERTICAL TIE-DOWN BLOCK  
ARLINGTON WATER UTILITIES