



DIMENSIONS									
PIPE SIZE	11.25° BEND			22.5° BEND			45° BEND		
	L	W	H	L	W	H	L	W	H
6"	2'-0"	2'-0"	1'-6"	3'-0"	2'-0"	2'-0"	4'-0"	2'-0"	3'-6"
8"	3'-0"	3'-0"	2'-0"	4'-0"	2'-0"	3'-0"	6'-0"	2'-0"	4'-6"
10"	3'-0"	3'-0"	2'-0"	4'-0"	3'-0"	3'-0"	6'-0"	3'-0"	4'-6"
12"	4'-0"	4'-0"	2'-6"	6'-0"	3'-0"	3'-0"	7'-0"	4'-0"	4'-6"

NOTES:

1. CONCRETE FOR THRUST BLOCKS SHALL CONFORM TO SECTION 337.10 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS.
2. REINFORCING STEEL SHALL BE ZINC COATED CHAINS OR NO. 5 REBAR.
3. VOLUMES GIVEN ARE FOR PIPE AT TEST PRESSURE 160 PSI AND NORMAL WEIGHT CONCRETE (145 LB / CUBIC FOOT). INSTALLATIONS USING DIFFERENT TEST PRESSURES OR WEIGHT OF CONCRETE SHOULD ADJUST VOLUMES ACCORDINGLY.
4. JOINT RESTRAINTS SHALL BE KEPT CLEAR OF CONCRETE.
5. ALL JOINTS SHALL BE POLYWRAPPED (VIRGIN POLYETHYLENE, 8 MILS THICK).

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION: DOUGLAS COUNTY
			THRUST BLOCK FOR UPWARD THRUST	DATE: JULY 2017
				DWG: B13