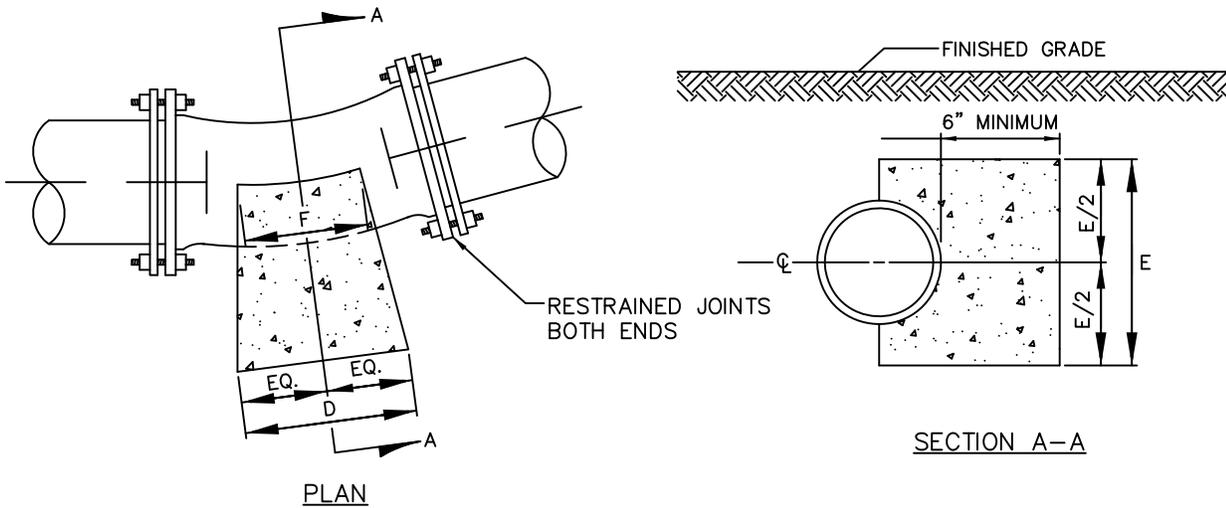


BEND TYPE	PIPE DIAMETER INCH	THRUST BLOCK DIMENSIONS			
		D	E	F	G
1/32 [11 1/4°]	4, 6 AND 8	1'-6"	1'-6"	0'-8"	1'-0"
	10, 12 AND 14	2'-6"	2'-6"	1'-0"	1'-0"
1/16 [22 1/2°]	4, 6 AND 8	1'-9"	1'-6"	0'-8"	1'-0"
	10 AND 12	3'-6"	2'-6"	1'-0"	1'-3"
	14	5'-3"	2'-6"	1'-0"	2'-0"
1/8 [45°]	4, 6 AND 8	2'-8"	2'-0"	0'-8"	1'-0"
	10	7'-0"	2'-0"	1'-0"	3'-0"
	12	7'-0"	3'-0"	1'-0"	3'-0"
	14	7'-0"	3'-6"	1'-0"	3'-0"
1/4 [90°]	4	2'-6"	1'-6"	0'-8"	1'-3"
	6	5'-0"	2'-0"	1'-0"	2'-6"
	8	6'-0"	3'-0"	1'-0"	2'-6"
	10	8'-0"	3'-0"	1'-3"	3'-6"
	12	10'-0"	3'-6"	1'-6"	4'-3"
	14	11'-0"	4'-0"	2'-0"	4'-6"



NOTES:

1. CONCRETE STRENGTH $f'_c = 3000\text{psi}$ AT 28 DAYS.
2. BOTTOM SURFACE AND FRONT FACE OF BLOCK (i.e. D&E) SHALL REST AGAINST UNDISTURBED GROUND.
3. DEPTH FROM FINISHED GRADE TO THE TOP OF PIPE ASSUMED TO EQUAL 4'-0"; IF DEEPER USE STANDARD DETAILS; IF SHALLOWER SPECIAL BLOCK DESIGN IS REQUIRED.
4. ELEVATION OF GROUNDWATER TABLE ASSUMED TO BE BELOW INVERT OF PIPE, IF GROUNDWATER TABLE IS ABOVE INVERT SPECIAL BLOCK DESIGN IS REQUIRED.
5. SOFT OR ORGANIC SOIL CONDITIONS REQUIRE SPECIAL BLOCK DESIGN.
6. DIMENSIONS FOR D, E, AND G ARE MINIMUMS REQUIRED. DIMENSION FOR F SHALL BE AS SHOWN IN THE TABLE.
7. MAINTAIN CLEARANCE BETWEEN CONCRETE AND MECHANICAL JOINT TO ALLOW FOR BOLT REMOVAL.

REVISIONS:	<p style="text-align: center;">CALVERT COUNTY</p> <p style="text-align: center;">DEPARTMENT OF PUBLIC WORKS—BUREAU OF UTILITIES</p> <p>APPROVED: BUREAU CHIEF</p> <p>DATE: <u>DECEMBER 15, 2004</u></p>	STANDARD DETAILS	<u>B</u> 1.01
		THRUST BLOCKS	
		FOR HORIZONTAL	
		BENDS	