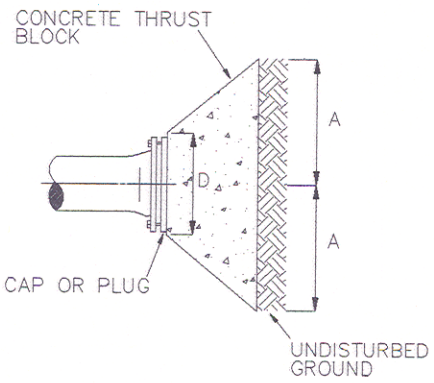
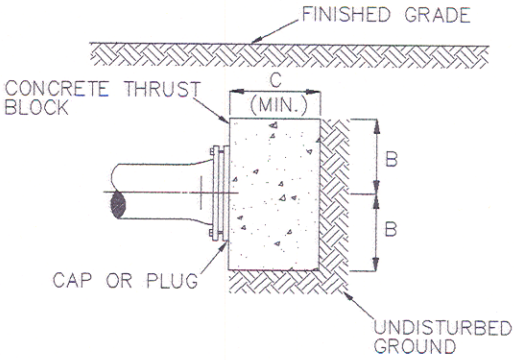


PLAN



ELEVATION

	NOMINAL DIAMETER OF PLUG OR CAP						
	3"	4"	6"	8"	10"	12"	14"
A	8"	10"	1'-6"	2'-0"	2'-9"	3'-0"	4'-3"
B	8"	10"	1'-6"	1'-9"	2'-0"	2'-6"	2'-6"
C	1'-0"	1'-0"	1'-0"	1'-4"	2'-0"	2'-4"	3'-4"
D	8"	10"	1'-0"	1'-2"	1'-6"	1'-8"	2'-0"

NOTES:

1. CONCRETE STRENGTH $f'c$ = 3000 PSI AT 28 DAYS.
2. BOTTOM SURFACE AND FRONT FACE OF BLOCK (ie. 2A & 2B) SHALL REST AGAINST UNDISTURBED GROUND.
3. DEPTH FROM FINISHED GRADE TO 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 PIPE INVERT SPECIAL BLOCK DESIGN IS REQUIRED.
5. SOFT OR ORGANIC SOIL CONDITIONS REQUIRE SPECIAL BLOCK DESIGN.
6. SPECIAL BLOCK DESIGN IS REQUIRED FOR PLUGS AND CAPS 16" AND LARGER DIAMETER.
7. DIMENSIONS FOR A,B,C, AND D ARE MINIMUMS REQUIRED.
8. TEST PRESSURES (WORKING & SURGE) ABOVE 300 PSI WILL REQUIRE SPECIAL BLOCKING DESIGN.

CHARLES COUNTY GOVERNMENT

DEPARTMENT OF PLANNING & GROWTH MANAGEMENT

APPROVED: _____ 6/29/95
DIRECTOR OF DEVELOPMENT SERVICES DATE

_____ 6/29/95
WATER / SEWER ENGINEER DATE

STANDARD DETAIL

THRUST BLOCKS FOR PLUGS & CAPS

REVISIONS:

B
1.02