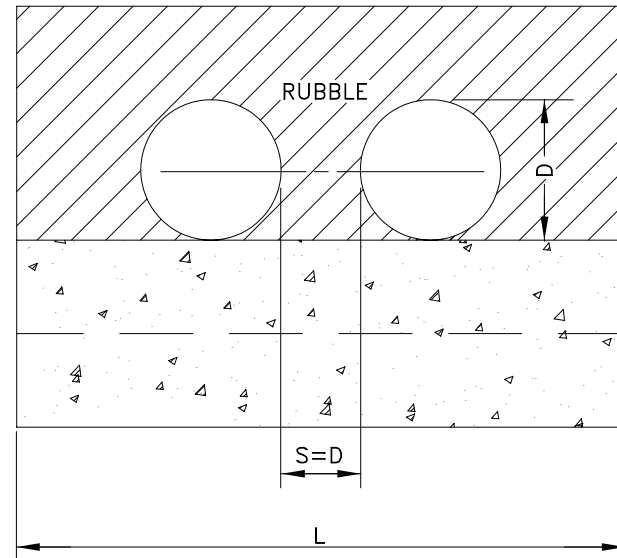


NOTE:

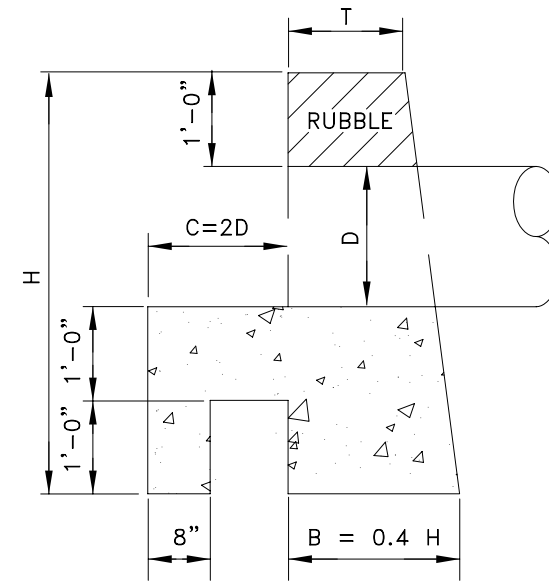
TO BE USED WHERE SPILLING OF MATERIAL AROUND THE END OF WALL WILL NOT IMPEDE FLOW. USE ONLY AS DIRECTED BY THE DEPARTMENT.

CONCRETE FOOTING MAY BE USED BELOW PIPE

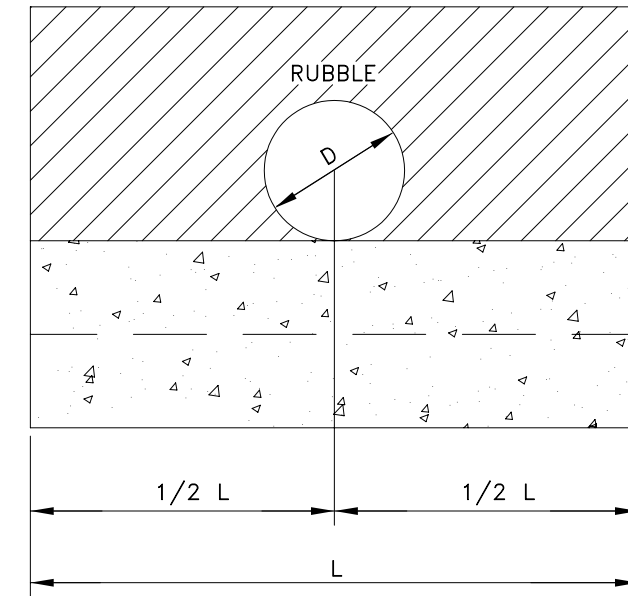


DOUBLE LINE OF PIPE

CONCRETE FOOTING MAY BE USED BELOW PIPE



SECTION



SINGLE LINE OF PIPE

DIMENSIONS AND QUANTITIES FOR ONE END WALL – SINGLE LINE OF PIPE

D	H	L	T	B	BATTER	CY
12"	4'-0"	4'-6"	15"	1'-7"	1:1	0.91
15"	4'-3"	5'-6"	15"	1'-8"	1-1/4:1	1.22
18"	4'-6"	6'-6"	15"	1'-10"	1-5/8:1	1.58
21"	4'-9"	7'-6"	15"	1'-11"	1-3/4:1	2.03
24"	5'-0"	8'-6"	15"	2'-0"	1-3/4:1	2.37
30"	5'-6"	10'-6"	15"	2'-2"	2-1/8:1	3.40
36"	6'-0"	12'-6"	15"	2'-5"	2-3/8:1	4.68
42"	6'-6"	14'-6"	15"	2'-7"	2-1/2:1	5.30
48"	7'-0"	16'-6"	15"	2'-10"	2-3/4:1	6.12
54"	7'-6"	18'-6"	15"	3'-0"	2-7/8:1	6.99
60"	8'-0"	20'-6"	15"	3'-3"	3:1	7.92
66"	8'-6"	22'-6"	15"	3'-5"	3:1	8.93
72"	9'-0"	24'-6"	15"	3'-7"	3-1/8:1	9.99



GWINNETT COUNTY
DEPARTMENT OF PLANNING & DEVELOPMENT
STANDARD DRAWING

Standard Rubble Headwall

DATE: JANUARY 1988

SHEET: 706