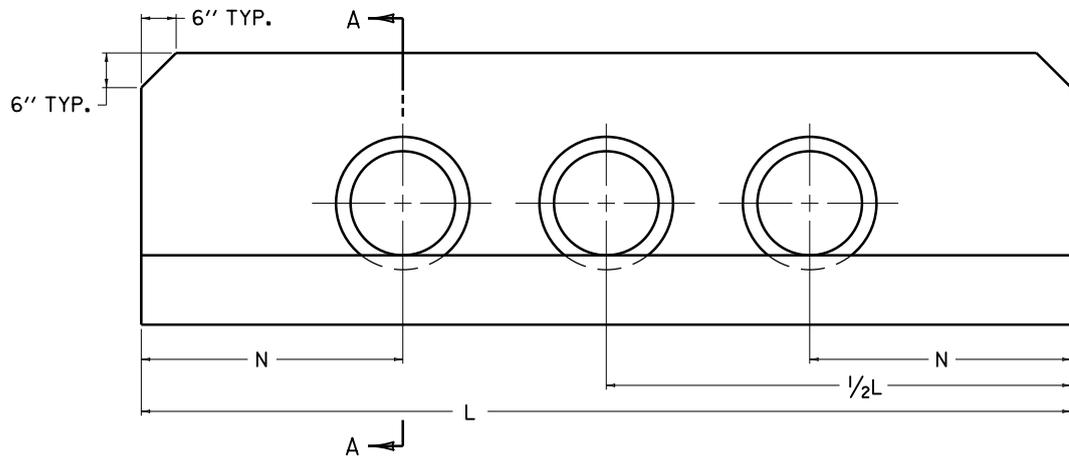


DOUBLE PIPE ELEVATION VIEW



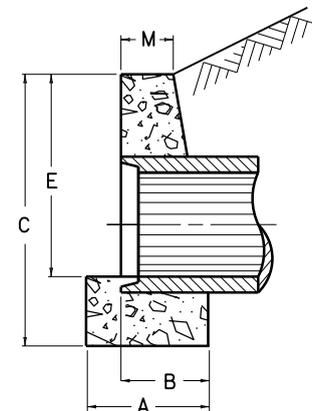
TRIPLE PIPE ELEVATION VIEW

DIMENSIONS AND QUANTITIES

HEADWALL TYPE	PIPE DIAMETER	HEADWALL DIMENSIONS							VOLUME CU. YD. FOR 2 HEADWALL
		A	B	C	E	L	M	N	
STANDARD DOUBLE	18"	1'-9"	1'-3"	4'-6"	3'-0"	10'-5"	10 ³ / ₄ "	3'-9"	4.18
	24"	1'-10"	1'-4"	5'-0"	3'-6"	12'-6"	10 ³ / ₄ "	4'-6"	5.65
STANDARD TRIPLE	18"	1'-9"	1'-3"	4'-6"	3'-0"	13'-4"	10 ³ / ₄ "	3'-9"	4.87
	24"	1'-10"	1'-4"	5'-0"	3'-6"	16'-0"	10 ³ / ₄ "	4'-6"	6.68
RAISED DOUBLE	18"	1'-9"	1'-3"	5'-0"	3'-6"	11'-11"	10 ³ / ₄ "	4'-6"	5.25
	24"	1'-10"	1'-4"	5'-6"	4'-0"	14'-2"	10 ³ / ₄ "	5'-3"	7.43
RAISED TRIPLE	18"	1'-9"	1'-3"	5'-0"	4'-0"	14'-10"	10 ³ / ₄ "	4'-6"	6.76
	24"	1'-10"	1'-4"	5'-6"	4'-6"	17'-6"	10 ³ / ₄ "	5'-3"	8.83

NOTES

1. VOLUME DISPLACED BY BARREL OF PIPE HAS BEEN COMPUTED USING INSIDE DIAMETER OF PIPE. NO DEDUCTION HAS BEEN MADE FOR BEVELED EDGES.
2. WHEN HEADWALLS ARE LOCATED AT THE EDGE OF THE SHOULDER, THE TOP OF THE HEADWALLS SHALL BE PARALLEL TO THE EDGE OF SHOULDER.
3. WHEN A RAISED HEADWALL IS USED ON THE OUTLET END OF THE PIPE, THE TOPS OF BOTH WALLS SHALL BE AT THE SAME ELEVATION.



SECTION A-A

KENTUCKY
DEPARTMENT OF HIGHWAYS

18"-24" DOUBLE AND
TRIPLE PIPE CULVERT
HEADWALLS AT 0° SKEW

STANDARD DRAWING NO. RDH-500-03

SUBMITTED *John B. Lockhart* 12-1-99
DIRECTOR DIVISION OF DESIGN DATE
APPROVED *J. M. Howell* 12-1-99
STATE HIGHWAY ENGINEER DATE