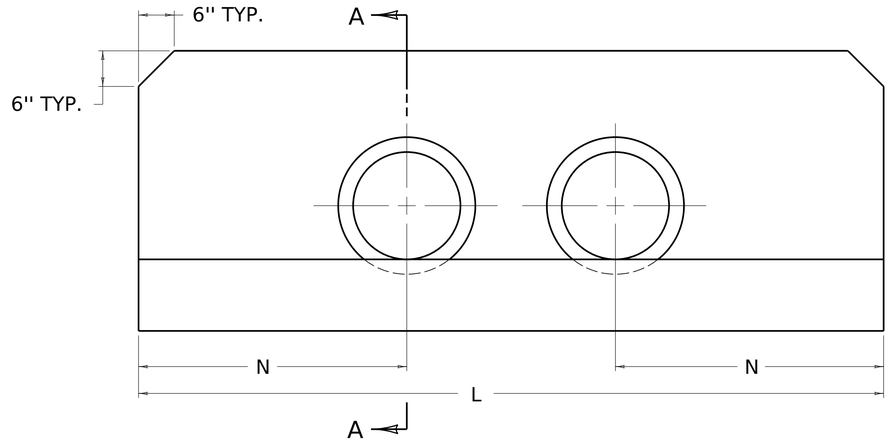
DRAWING SCALE: 1'':1'



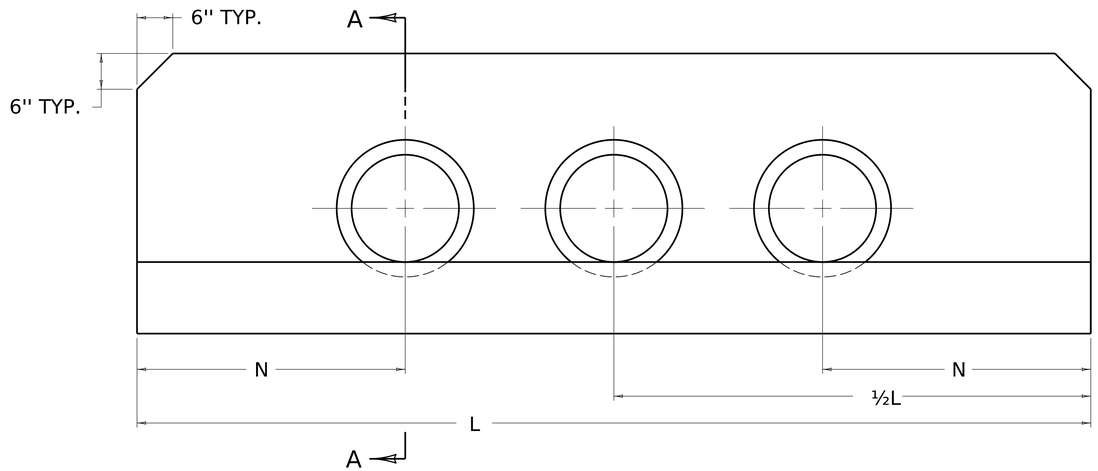
DOUBLE PIPE ELEVATION VIEW

DIMENSIONS AND QUANTITIES

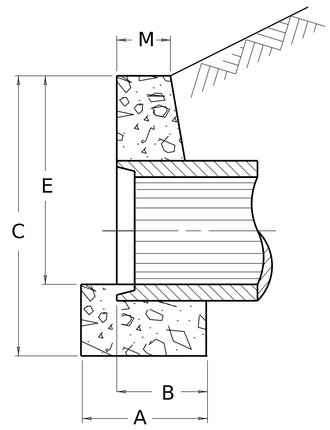
HEADWALL TYPE	PIPE DIAMETER	HEADWALL DIMENSIONS							VOLUME CU. YD. FOR 2 HEADWALL
		A	B	C	E	L	M	N	
STANDARD DOUBLE	18''	1'-9''	1'-3''	4'-6''	3'-0''	10'-5''	10¾''	3'-9''	4.18
	24''	1'-10''	1'-4''	5'-0''	3'-6''	12'-6''	10¾''	4'-6''	5.65
STANDARD TRIPLE	18''	1'-9''	1'-3''	4'-6''	3'-0''	13'-4''	10¾''	3'-9''	4.87
	24''	1'-10''	1'-4''	5'-0''	3'-6''	16'-0''	10¾''	4'-6''	6.68
RAISED DOUBLE	18''	1'-9''	1'-3''	5'-0''	3'-6''	11'-11''	10¾''	4'-6''	5.25
	24''	1'10''	1'-4''	5'-6''	4'-0''	14'-2''	10¾''	5'-3''	7.43
RAISED TRIPLE	18''	1'-9''	1'-3''	5'-0''	4'-0''	14'-10''	10¾''	4'-6''	6.76
	24''	1'-10''	1'-4''	5'-6''	4'-6''	17'-6''	10¾''	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.



TRIPLE PIPE ELEVATION VIEW



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 _____ DIRECTOR DIVISION OF DESIGN _____ DATE

APPROVED _____ STATE HIGHWAY ENGINEER _____ DATE