

DIMENSION	DIAMETER OF PIPE														DIMENSION	
	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	102"	108"		
A	4'-5"	5'-0"	5'-7"	6'-2"	6'-9"	7'-4"	7'-9"	8'-4"	8'-11"	9'-6"	10'-1"	10'-8"	11'-3"	11'-10"	A	
B	1'-3"	1'-6"	1'-9"	2'-0"	2'-3"	2'-6"	2'-9"	3'-0"	3'-3"	3'-6"	3'-9"	4'-0"	4'-3"	4'-6"	B	
C	3'-10"	4'-4"	4'-11"	5'-5"	6'-0"	6'-6"	7'-1"	7'-7"	8'-2"	8'-8"	9'-3"	9'-9"	10'-4"	10'-10"	C	
E	3'-5"	4'-1"	4'-9"	5'-5"	6'-0"	6'-8"	7'-4"	8'-0"	8'-8"	9'-4"	9'-11"	10'-7"	11'-3"	11'-11"	E	
F	5'-1"	5'-9"	6'-5"	7'-1"	7'-10"	8'-6"	8'-11"	9'-7"	10'-4"	11'-0"	11'-8"	12'-4"	13'-0"	13'-8"	F	
G	4'-7"	5'-2"	5'-9"	6'-5"	7'-0"	7'-7"	8'-0"	8'-8"	9'-3"	9'-10"	10'-5"	11'-1"	11'-8"	12'-3"	G	
H	7'-2"	8'-4"	9'-6"	10'-7"	11'-9"	12'-11"	13'-11"	15'-0"	16'-2"	17'-4"	18'-6"	19'-7"	20'-9"	21'-11"	H	
J	4'-0"	4'-7"	5'-2"	5'-10"	6'-5"	7'-0"	7'-7"	8'-2"	8'-9"	9'-5"	10'-0"	10'-8"	11'-3"	11'-10"	J	
M	0'-6"							0'-8"							M	
N	0'-5"							0'-6"							N	
P	1'-2"	1'-4"	1'-6"	1'-8"	1'-10"	2'-0"	2'-3"	2'-5"	2'-7"	2'-9"	3'-0"	3'-2"	3'-4"	3'-6"	P	
Q	3'-11"	4'-6"	5'-1"	5'-8"	6'-3"	6'-10"	7'-7"	8'-2"	8'-9"	9'-4"	9'-11"	10'-6"	11'-1"	11'-8"	Q	
R	0'-9"							1'-0"							R	
T	0'-3.5"	0'-4.0"	0'-4.5"	0'-5.0"	0'-5.5"	0'-6.0"	0'-6.5"	0'-7.0"	0'-7.5"	0'-8.0"	0'-8.5"	0'-9.0"	0'-9.5"	0'-10.0"	T	
V	0'-8"							1'-0"							V	
W	0'-8"							0'-10"							W	
X	----							2'-0"				2'-6"				X
Y	2'-0"							2'-6"				3'-0"				Y
Z	----							1'-3"				1'-9"				Z

CU.YDS.CONC. 2 HEADWALLS	3.76	4.89	6.15	7.55	9.07	10.73	21.24	23.75	26.39	29.16	35.43	38.66	42.03	45.54	CU.YDS.CONC. 2 HEADWALLS
LBS.STEEL 2 HEADWALLS	399	470	555	644	753	862	1689	1912	2148	2390	2937	3238	3582	3852	LBS.STEEL 2 HEADWALLS

DIMENSIONS AND QUANTITIES ARE BASED ON CONCRETE PIPE AND WILL VARY SLIGHTLY FOR CORRUGATED METAL PIPE.

USE WITH CUR. STD. DWG.RDH-120

**KENTUCKY**  
**DEPARTMENT OF HIGHWAYS**  
*DIMENSIONS & QUANTITIES*  
*30"-108" HEADWALLS*  
*CIRCULAR PIPE*  
*15° SKEW*

STANDARD DRAWING NO. RDH-212-02

SUBMITTED \_\_\_\_\_ DIRECTOR DIVISION OF DESIGN \_\_\_\_\_ DATE \_\_\_\_\_  
APPROVED \_\_\_\_\_ STATE HIGHWAY ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_