

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	5'-11"	7'-1"	8'-3"	9'-4"	10'-6"	11'-7"	12'-9"	13'-10"	15'-0"	16'-1"	17'-3"	18'-4"	19'-6"	20'-7"	E	
F	8'-10"	10'-0"	11'-2"	12'-4"	13'-6"	14'-8"	15'-6"	16'-8"	17'-10"	19'-0"	20'-2"	21'-4"	22'-6"	23'-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	14'-9"	17'-1"	19'-5"	21'-8"	24'-0"	26'-3"	28'-3"	30'-6"	32'-10"	35'-1"	37'-5"	39'-8"	42'-0"	44'-3"	H	
J	7'-9"	8'-11"	10'-1"	11'-3"	12'-5"	13'-6"	14'-6"	15'-8"	16'-9"	17'-11"	19'-1"	20'-3"	21'-5"	22'-7"	J	
M	0'-6"							0'-8"							M	
N	0'-2"							0'-3"							N	
P	4'-10"	5'-8"	6'-6"	7'-4"	8'-2"	9'-0"	9'-11"	10'-9"	11'-7"	12'-5"	13'-3"	14'-1"	14'-11"	15'-9"	P	
Q	3'-5"	4'-0"	4'-7"	5'-2"	5'-9"	6'-4"	7'-0"	7'-7"	8'-2"	8'-9"	9'-4"	9'-11"	10'-6"	11'-1"	Q	
R	0'-10"							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	7.19	9.36	11.80	14.52	17.50	20.75	36.82	41.52	46.50	51.74	62.30	68.38	74.74	81.38	CU.YDS.CONC. 2 HEADWALLS
LBS.STEEL 2 HEADWALLS	639	768	965	1132	1353	1525	3046	3545	3963	4447	5261	5910	6537	7150	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" H-WALLS*  
*CIRCULAR PIPE*  
*45° SKEW*

STANDARD DRAWING NO. RDH-216-02

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