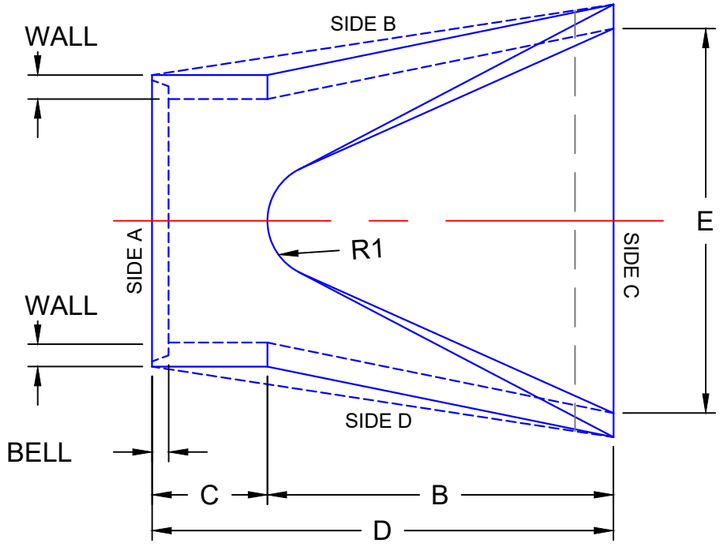
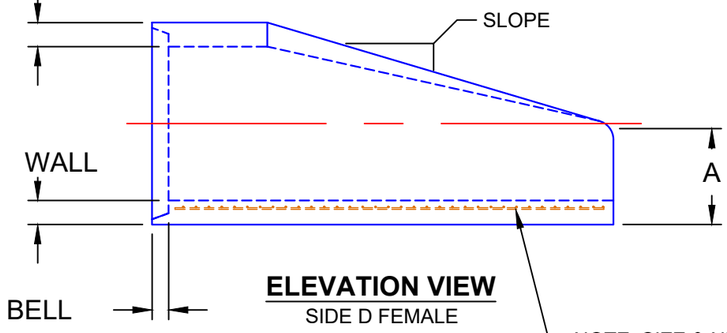


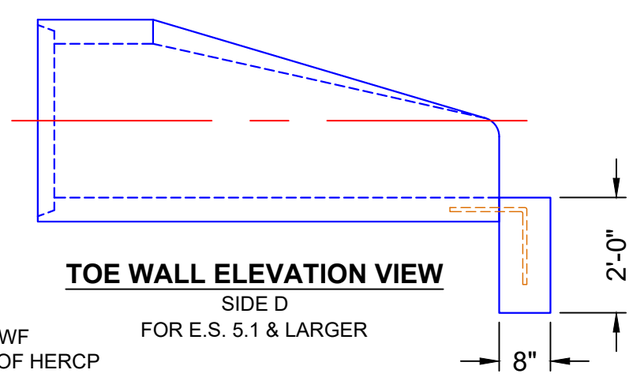
PLAN VIEW

END AREA SQ. FT.	ROUND EQUIV.	SPAN	RISE	WALL	R1	BELL OR SPIGOT	SLOPE H:V	A	B	C	D	E	APPROX. WEIGHT LBS.
1.8	18"	23"	14"	2 3/4"	6"	2 1/2"	2.35:1	8"	2'-3"	3'-9"	6'-0"	3'-0"	1,090
3.3	24"	30"	19"	3 1/4"	8 1/4"	2"	2.29:1	8 1/2"	3'-3"	2'-9"	6'-0"	4'-0"	1,675
4.1	27"	34"	22"	3 1/2"	9 1/4"	3"	2.30:1	9"	3'-10"	2'-2"	6'-0"	4'-6"	2,060
5.1	30"	38"	24"	3 3/4"	10 1/4"	3 1/4"	2.45:1	9 1/2"	4'-6"	1'-6"	6'-0"	5'-0"	2,450
6.3	33"	42"	27"	3 3/4"	11 7/16"	3 1/4"	2.36:1	10 3/8"	4'-9"	1'-3"	6'-0"	5'-6"	3,650
7.4	36"	45"	29"	4 1/2"	12 1/4"	3 1/4"	2.24:1	11 1/4"	5'-0"	3'-0"	8'-0"	6'-0"	4,838
10.2	42"	53"	34"	5"	14 3/4"	3 1/2"	2.12:1	15 3/4"	5'-0"	3'-0"	8'-0"	6'-6"	6,456
12.9	48"	60"	38"	5 1/2"	16 1/2"	3 1/2"	2.14:1	21"	5'-0"	3'-0"	8'-0"	7'-0"	7,870
16.6	54"	68"	43"	6"	18 21/32"	4 1/4"	2.03:1	25 1/2"	5'-0"	3'-0"	8'-0"	7'-6"	9,900
20.5	60"	76"	48"	6 1/2"	20 1/2"	4 1/4"	2.07:1	30"	5'-0"	3'-0"	8'-0"	8'-0"	11,990

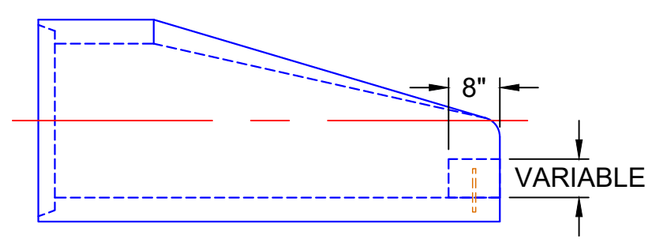


ELEVATION VIEW
SIDE D FEMALE

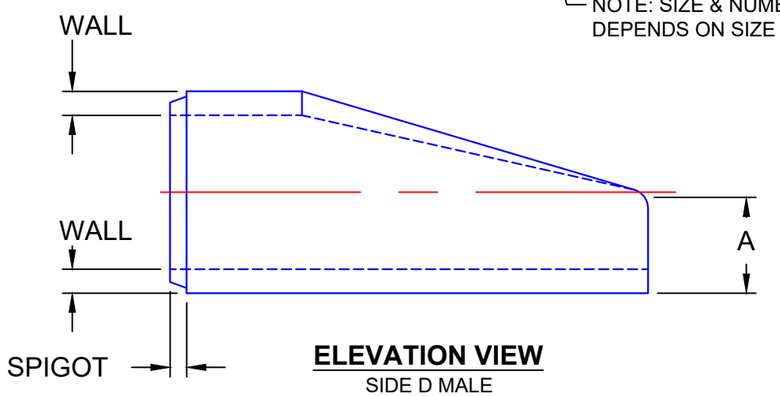
NOTE: SIZE & NUMBER OF WWF DEPENDS ON SIZE & CLASS OF HERCP



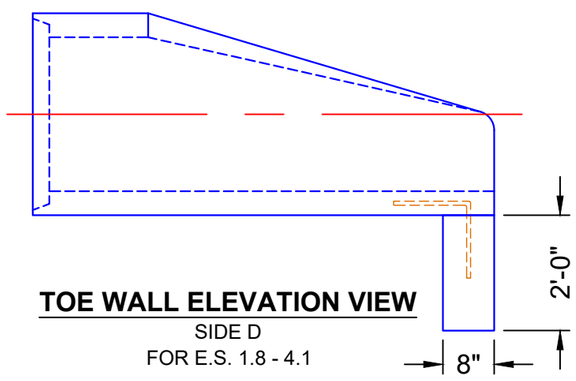
TOE WALL ELEVATION VIEW
SIDE D
FOR E.S. 5.1 & LARGER



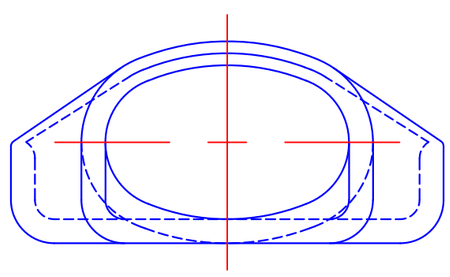
SOIL SAVER ELEVATION VIEW
SIDE D



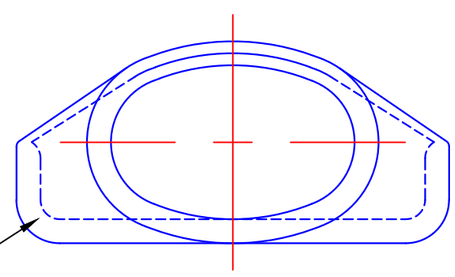
ELEVATION VIEW
SIDE D MALE



TOE WALL ELEVATION VIEW
SIDE D
FOR E.S. 1.8 - 4.1



ELEVATION VIEW
SIDE A, ALTERNATE DESIGN
FOR E.S. 1.8 - 4.1



ELEVATION VIEW
SIDE A
FOR E.S. 5.1 & LARGER

McPHERSON CONCRETE COMPANIES

2023 MCP INTELLECTUAL PROPERTY NOTICE:

This drawing is the sole property of Wichita Concrete Pipe. It is loaned to the recipient for his/her confidential use only; and in consideration of the loan of this drawing, the recipient agrees that this drawing shall not be reproduced, copied, loaned, nor used for any purpose other than for which it is specifically intended without the express consent of Wichita Concrete Pipe.

DESIGN INFORMATION:

- F'c = 4,000 PSI
- Fy = 60,000 PSI
WIRE TO MEET ASTM C-507

Rev.	Date	Desc.
----	----	----
----	----	----

Job #

Project: MCC Standard Detail

Client:

Drawn By: CEH

Date: 7/28/23

Structure Type: HERCP End Section

Structure ID:

Station Number: