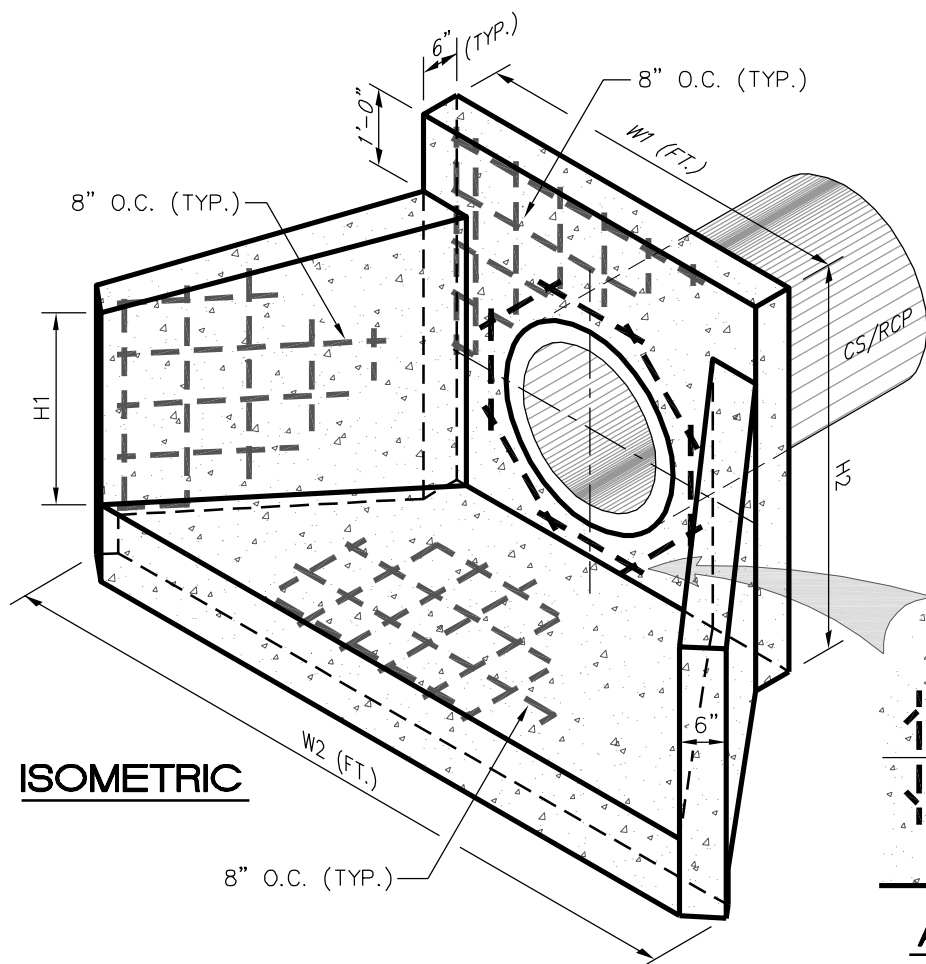
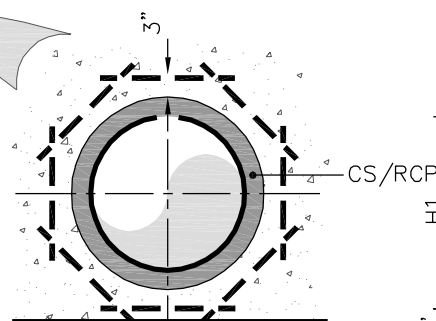
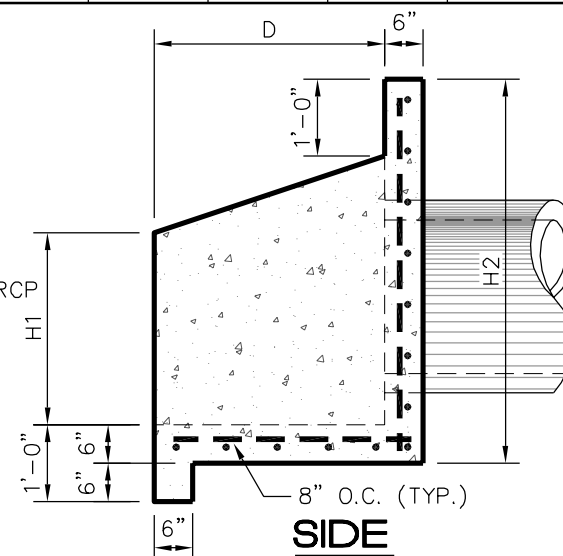


**ISOMETRIC****ADD'L PIPE
REINFORCING****ENDWALL DIMENSIONS**

FT.	MINIMUM	MIN./MAX.	MIN./MAX.	MIN./MAX.	MIN./MAX.	MIN./MAX.
PIPE DIA.	BAR SIZE	H1 (FT.)	H2 (FT.)	D (FT.)	W1	W2
1.0	#5 @ 8"	1.25 / 2.00	2.00 / 3.75	1.25 / 1.75	3.00 / 3.75	5.50 / 6.00
1.25	#5 @ 8"	1.25 / 2.00	3.00 / 3.75	1.25 / 2.00	3.50 / 3.75	6.50 / 6.75
1.50	#5 @ 8"	1.25 / 2.00	3.00 / 4.25	1.50 / 2.50	3.50 / 3.75	6.50 / 6.75
2.0	#5 @ 8"	1.50 / 2.50	4.00 / 4.75	1.75 / 2.50	4.00 / 4.25	7.50 / 8.25
2.5	#5 @ 8"	2.50 / 3.50	4.00 / 6.00	2.00 / 3.00	4.50 / 5.50	10.00 / 11.50
3.0	#5 @ 8"	3.00 / 3.50	5.00 / 6.00	2.75 / 3.50	5.25 / 5.75	11.50 / 11.75
3.5	#5 @ 8"	3.25 / 4.50	6.00 / 6.75	3.25 / 3.50	6.00 / 6.75	12.00 / 13.25
4.0	#5 @ 8"	3.50 / 4.50	6.50 / 7.00	3.25 / 3.50	6.50 / 6.75	13.00 / 13.25
4.5	#5 @ 8"	4.00 / 5.00	6.50 / 8.50	3.25 / 4.00	7.00 / 9.25	13.50 / 15.75
5.0	#5 @ 8"	4.50 / 5.00	7.00 / 8.50	3.25 / 4.00	7.25 / 9.25	13.75 / 15.75
5.5	#5 @ 8"	4.50 / 5.00	7.50 / 8.50	3.25 / 4.00	7.25 / 9.25	14.00 / 15.75
6.0	#5 @ 8"	4.50 / 5.00	7.50 / 8.50	3.25 / 4.00	7.75 / 9.25	14.75 / 16.75

**SIDE**

NOTE: THE MINIMUM BAR SIZE SHALL BE #5 BARS AT 8" CTS. THE CONTRACTOR WILL HAVE THE OPTION TO INCREASE THIS BAR SIZE AS NEEDED

NOTES:

- See Std. detail No. 630.01 for general notes.

**12" THRU 72" PIPE
90° SKEW**



PUBLIC WORKS DEPARTMENT
1500 Beatty Street
Greenville, North Carolina 27834

CITY OF GREENVILLE, N.C.

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No.	Date	Description
1	9/16/11	APPROVAL
Scale:	Sheet #:	Detail #:
not to scale	1 of 1	633.01

PRECAST CONC. ENDWALL FOR SINGLE PIPE CULVERTS