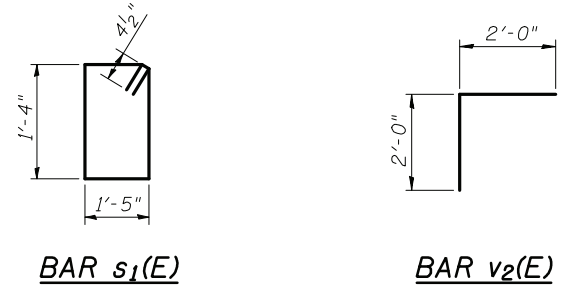
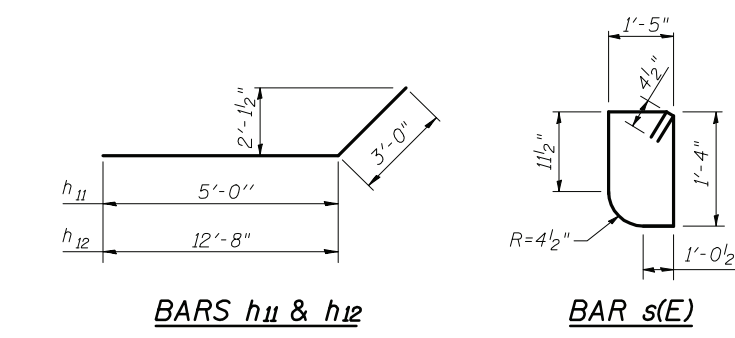
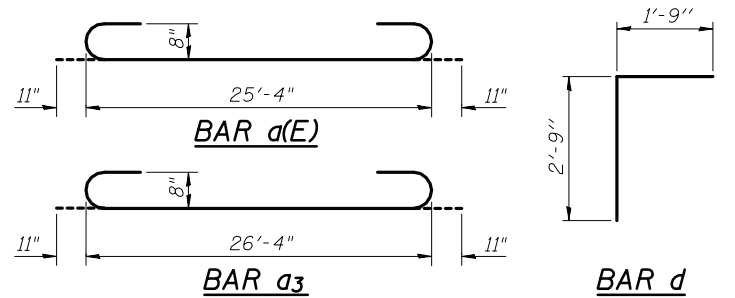


HALF SECTION THRU BARREL

HALF END ELEVATION

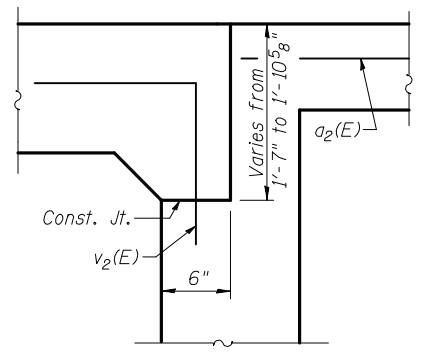
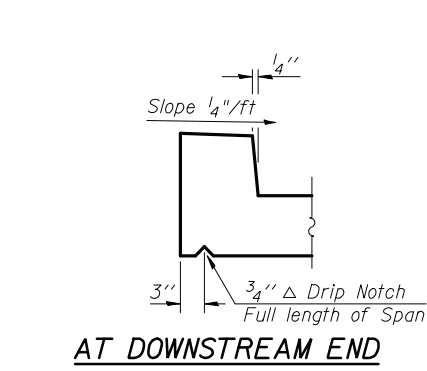
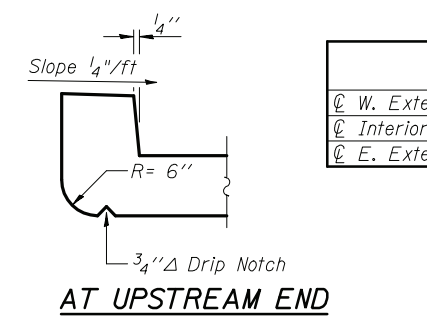
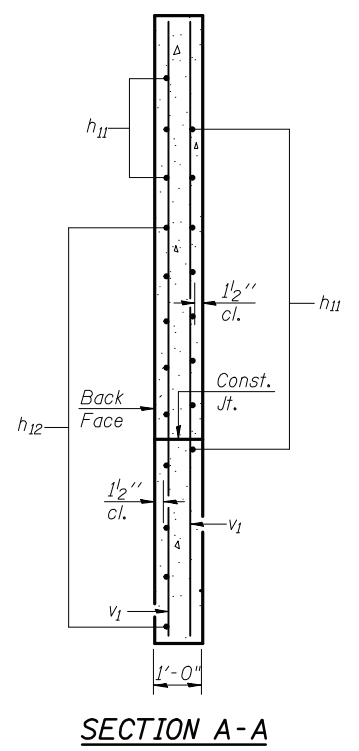
- * 7-#7 h₈ bars at 1'-0" cts. Exterior Walls
- 8-#5 h₆ bars at 10" cts. Interior Wall
- ** 7-Bar Splicers for #7 h₈ & h₉ bars Exterior Walls
- 8-Bar Splicers for #5 h₆ & h₇ bars Interior Wall
- *** See Table below of dimensions.

ELEVATION
(Looking East)



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	56	#8	27'-2"	U
a1(E)	63	#8	22'-4"	—
a2(E)	66	#5	5'-7"	—
a3	56	#8	28'-2"	U
a4	63	#8	22'-4"	—
a5	66	#5	5'-7"	—
d	52	#4	4'-6"	L
h(E)	27	#7	17'-5"	—
h1(E)	27	#7	21'-5"	—
h2(E)	27	#4	17'-5"	—
h3(E)	27	#4	21'-5"	—
h4(E)	6	#6	24'-0"	—
h5(E)	6	#8	25'-5"	—
h6	60	#5	17'-5"	—
h7	60	#5	21'-5"	—
h8	14	#7	17'-5"	—
h9	14	#7	21'-5"	—
h10	6	#6	26'-0"	—
h11	44	#8	8'-0"	—
h12	36	#8	15'-8"	—
s(E)	26	#4	6'-1"	D
s1(E)	26	#4	6'-3"	D
v	139	#5	7'-4"	—
v1	16	#4	10'-3"	—
v2(E)	76	#5	4'-0"	L
Concrete Box Culverts		Cu. Yd.	110.5	
Reinforcement Bars		Pound	15,910	
Reinforcement Bars, Epoxy Coated		Pound	12,210	
Bar Splicers		Each	128	



Notes: A distance of half the length of the wingwall but not less than 6'-0" of the barrel shall be poured monolithically with the wingwalls.