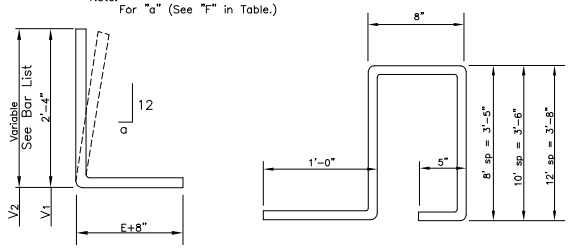
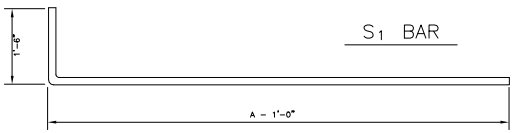
4 WINGS – 2 CURBS – 2 CUT-OFF WALLS

CLEAR SPAN	CLEAR HEIGHT	DIMENSIONS								REINFORCING																								TOTAL QUANTITIES ①	
		A	B	C	D	E	F	a	T_1	A_1 Bars #4 at 12" Ctrs.		A_2 Bars #6 at 18" Ctrs.		F_1 Bars			F_2 Bars #4 at 18" Ctrs.		H_1 Bars #6 at 18" Ctrs.		H_2 Bars #4 at 18" Ctrs.		S_1 Bars #4 at 12" Ctrs.		V_1 Bars				V_2 Bars				V_3 Bars #4 at 18" Ctrs.		V_4 Bars				V_5 Bars #4 at 18" Ctrs.			
										No.	(STR.) LENGTH	No.	(STR.) LENGTH	No.	Size	Spac.	(STR.) LENGTH	No.	(STR.) LENGTH	No.	(STR.) LENGTH	No.	(STR.) LENGTH	No.	Size	Spac.	(STR.) LENGTH	No.	Size	Spac.	(STR.) LENGTH	No.	(STR.) LENGTH	No.	Size	Spac.	(STR.) LENGTH	No.	(STR.) LENGTH	STEEL–LBS.	CONC.–CU. YD.
8	4	11'–5"	3'–0"	7'–8 1/2"	5'–6"	1'–6"	1'–0"	0	8 1/2"	8	20'–9"	12	21'–3"	36	#4	15"	4'–3"	24	10'–6"	24	10'–6"	32	11'–11"	38	8'–11"	32	#5	18"	4'–6"	28	#4	18"	7'–8"	32	7'–5"	32	#5	18"	7'–5"	32	1'–9"	2,500	29.5
	5	13'–5"	3'–3"	8'–8 1/2"	6'–0"	1'–9"	1'–0"	0	8 1/2"	8	20'–9"	12	21'–3"	44	#5	15"	4'–6"	28	12'–6"	24	12'–6"	32	13'–11"	38	8'–11"	36	#5	18"	4'–9"	32	#5	18"	8'–6"	36	8'–5"	36	#5	18"	8'–5"	36	1'–9"	3,000	36.8
	6	15'–5"	3'–6"	9'–8 1/2"	6'–6"	2'–0"	1'–0"	0	8 1/2"	8	20'–9"	12	21'–3"	60	#6	12"	4'–9"	28	14'–6"	24	14'–6"	40	15'–11"	38	8'–11"	60	#5	12"	5'–0"	56	#4	12"	9'–4"	44	9'–5"	60	#5	12"	9'–5"	44	1'–9"	4,000	45.2
10	4	11'–7 1/2"	3'–0"	7'–9 3/4"	5'–6"	1'–6"	1'–0"	0	9 3/4"	8	24'–9"	12	25'–3"	36	#4	15"	4'–3"	28	10'–8"	24	10'–8"	32	12'–2"	46	9'–1"	32	#5	18"	4'–6"	28	#4	18"	7'–8"	32	7'–6"	32	#5	18"	7'–6"	32	1'–9"	2,700	31.9
	6	15'–7 1/2"	3'–6"	9'–9 3/4"	6'–6"	2'–0"	1'–0"	0	9 3/4"	8	24'–9"	12	25'–3"	64	#6	12"	4'–9"	28	14'–8"	24	14'–8"	40	16'–2"	46	9'–1"	60	#5	12"	5'–0"	56	#4	12"	9'–5"	44	9'–6"	60	#5	12"	9'–6"	44	1'–9"	4,200	47.7
	8	19'–7 1/2"	4'–0"	11'–9 3/4"	7'–3"	2'–3"	1'–0"	0	9 3/4"	8	24'–9"	12	25'–3"	92	#6	10"	5'–3"	32	18'–8"	24	18'–8"	48	20'–2"	46	9'–1"	80	#6	12"	5'–3"	76	#6	12"	10'–10"	52	11'–6"	80	#6	12"	11'–6"	52	1'–9"	7,100	66.1
	10	23'–7 1/2"	4'–9"	13'–9 3/4"	9'–3"	3'–2"	1'–4"	5/16"	9 3/4"	8	25'–0"	12	25'–6"	160	#6	7"	6'–3"	40	22'–7"	24	22'–7"	56	24'–2"	48	9'–1"	96	#7	12"	6'–2"	92	#6	12"	12'–11"	64	13'–6"	96	#7	12"	13'–6"	64	1'–9"	11,000	102.6
	12	27'–7 1/2"	5'–10"	15'–9 3/4"	11'–0"	3'–9"	1'–5"	5/16"	9 3/4"	8	25'–3"	12	25'–9"	164	#7	8"	7'–6"	44	26'–6"	24	26'–6"	72	28'–2"	48	9'–1"	112	#8	12"	6'–9"	108	#7	12"	14'–9"	76	15'–6"	112	#8	12"	15'–6"	76	1'–9"	17,100	135.7
12	6	15'–11"	3'–6"	9'–11 1/2"	6'–6"	2'–0"	1'–0"	0	11 1/2"	8	28'–9"	12	29'–3"	64	#6	12"	4'–9"	28	15'–0"	24	15'–0"	40	16'–5"	54	9'–5"	60	#5	12"	5'–0"	56	#4	12"	9'–6"	44	9'–8"	60	#5	12"	9'–8"	44	1'–9"	4,400	51.1
	8	19'–11"	4'–0"	11'–11 1/2"	7'–3"	2'–3"	1'–0"	0	11 1/2"	8	28'–9"	12	29'–3"	92	#6	10"	5'–3"	32	19'–0"	24	19'–0"	48	20'–5"	54	9'–5"	80	#6	12"	5'–3"	76	#6	12"	10'–11"	52	11'–8"	80	#6	12"	11'–8"	52	1'–9"	7,300	69.7
	10	23'–11"	4'–9"	13'–11 1/2"	9'–3"	3'–2"	1'–4"	5/16"	11 1/2"	8	29'–0"	12	29'–6"	116	#6	10"	6'–3"	40	22'–11"	24	22'–11"	56	24'–5"	56	9'–5"	96	#7	12"	6'–2"	92	#6	12"	13'–1"	64	13'–8"	96	#7	12"	13'–8"	64	1'–9"	11,200	105.3
	12	27'–11"	5'–10"	15'–11 1/2"	11'–0"	3'–9"	1'–5"	5/16"	11 1/2"	8	29'–3"	12	29'–9"	148	#7	9"	7'–6"	44	26'–10"	24	26'–10"	72	28'–5"	56	9'–5"	112	#8	12"	6'–9"	108	#7	12"	14'–10"	76	15'–8"	112	#8	12"	15'–8"	76	1'–9"	17,400	141.2

Note:
For "a" (See "F" in Table.)

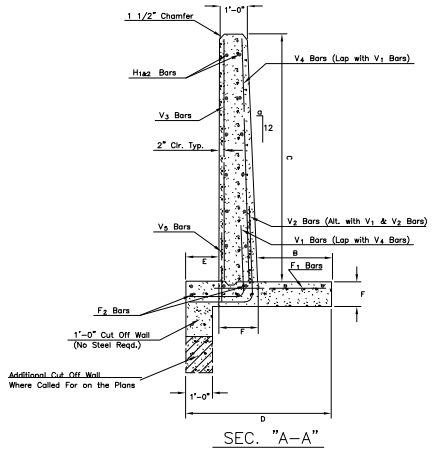


V_1 & V_2 BARS

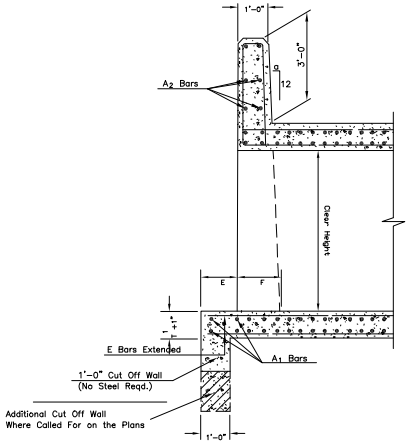


S_1 BAR

H_2 BARS
See Table For Length



SEC. "A–A"



SEC. "B–B"

① NOTE: QUANTITIES SHOWN INCLUDE CURB, WINGS AND CUT-OFF WALLS FOR ONE UPSTREAM & ONE DOWNSTREAM END OF BARREL.

NOTES:

All construction and materials shall be in accordance with the current City of Chickasha Standard Specifications.

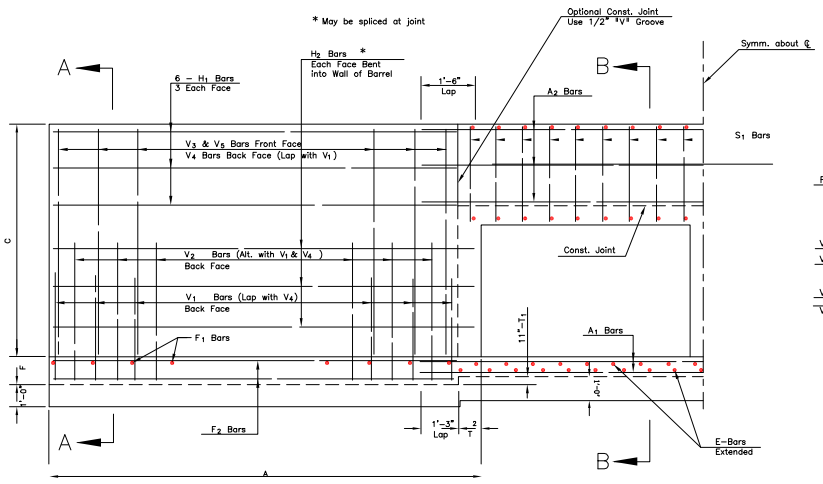
Reinforcing steel in bottom slab (footing) shall be supported on bar chairs. Chairs shall be supported on timber planks or class "C" concrete strips placed at 4' ctrs.

Reinforcing steel in top slab shall be supported on slab spacers.

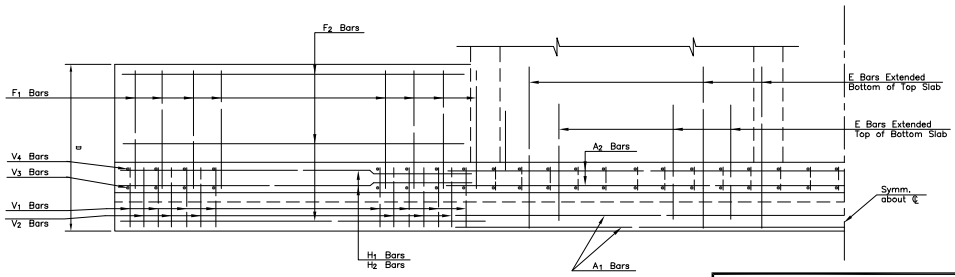
Reinforcing steel in the walls shall be held in place by metal chairs. Maximum spacing of the chairs shall be 6'.

Cost of metal chairs, wood plank or concrete strips shall be included in other items of work.

NOTE: Construct 2" Ø weep holes @ 10 ctrs. (Max.) as directed by the Engineer. All cost of weep holes to be included in other items of work.



ELEVATION



PLAN

CITY OF CHICKASHA
COMMUNITY PLANNING & DEVELOPMENT

STD. RFCB–2C–SW

APPROVED BY: _____ DATE _____	DRAWN:	DATE:	DWG.NO. D-404