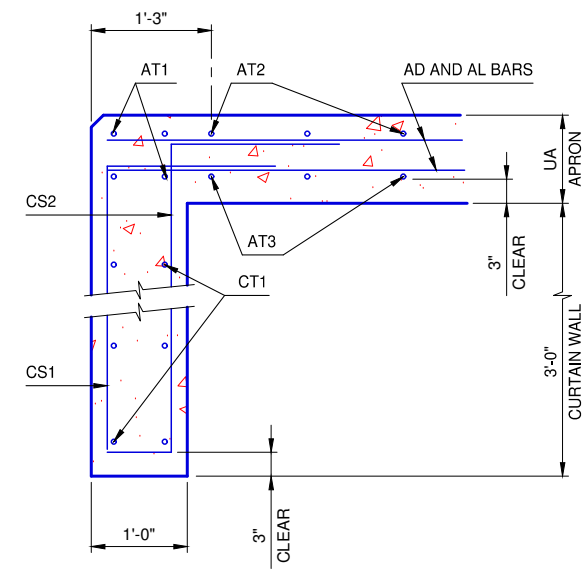
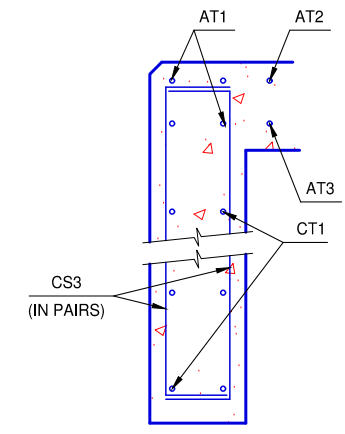


DIMENSIONS				REINFORCING STEEL								QUANTITIES	
CELL SPAN	CELL HEIGHT	UA	M	CS1 - #4		CS2 - #4		CS3 - #4		CT1 - #4 AT 12" MAX.		CONC. (C.Y.)	REINF. (LB.)
				NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH		
4'	3'	9"	3'-3"	30	4'-9"	30	5'-8"	4	4'-7"	6	28'-5"	3.2	340
4'	4'	10"	3'-4"	34	4'-9"	34	5'-9"	4	4'-8"	6	31'-11"	3.6	380
5'	3'	9"	3'-3"	33	4'-9"	33	5'-8"	4	4'-7"	6	31'-5"	3.6	370
5'	4'	10"	3'-4"	37	4'-9"	37	5'-9"	4	4'-8"	6	34'-11"	4.0	420
5'	5'	10"	3'-4"	41	4'-9"	41	5'-9"	4	4'-8"	6	38'-4"	4.3	460
6'	3'	9"	3'-3"	36	4'-9"	36	5'-8"	4	4'-7"	6	34'-5"	3.9	410
6'	4'	10"	3'-4"	40	4'-9"	40	5'-9"	4	4'-8"	6	37'-11"	4.3	450
6'	5'	10"	3'-4"	44	4'-9"	44	5'-9"	4	4'-8"	6	41'-4"	4.7	490
6'	6'	11"	3'-5"	46	4'-9"	46	5'-10"	4	4'-9"	6	44'-10"	5.1	520
7'	3'	9"	3'-3"	39	4'-9"	39	5'-8"	4	4'-7"	6	37'-5"	4.2	440
7'	4'	10"	3'-4"	43	4'-9"	43	5'-9"	4	4'-8"	6	40'-11"	4.6	480
7'	5'	10"	3'-4"	47	4'-9"	47	5'-9"	4	4'-8"	6	44'-4"	5.0	520
7'	6'	11"	3'-5"	49	4'-9"	49	5'-10"	4	4'-9"	6	47'-10"	5.4	560
7'	7'	11"	3'-5"	53	4'-9"	53	5'-10"	4	4'-9"	6	51'-3"	5.8	600
8'	3'	9"	3'-3"	42	4'-9"	42	5'-8"	4	4'-7"	6	40'-5"	4.6	470
8'	4'	10"	3'-4"	46	4'-9"	46	5'-9"	4	4'-8"	6	43'-11"	5.0	520
8'	5'	10"	3'-4"	50	4'-9"	50	5'-9"	4	4'-8"	6	47'-4"	5.3	560
8'	6'	11"	3'-5"	52	4'-9"	52	5'-10"	4	4'-9"	6	50'-10"	5.7	590
8'	7'	11"	3'-5"	56	4'-9"	56	5'-10"	4	4'-9"	6	54'-3"	6.1	630
8'	8'	12"	3'-6"	60	4'-9"	60	5'-11"	4	4'-10"	6	58'-0"	6.5	680
9'	3'	9"	3'-3"	45	4'-9"	45	5'-8"	4	4'-7"	6	43'-5"	4.9	500
9'	4'	10"	3'-4"	49	4'-9"	49	5'-9"	4	4'-8"	6	46'-11"	5.3	550
9'	5'	10"	3'-4"	53	4'-9"	53	5'-9"	4	4'-8"	6	50'-4"	5.7	590
9'	6'	11"	3'-5"	55	4'-9"	55	5'-10"	4	4'-9"	6	53'-10"	6.1	620
9'	7'	11"	3'-5"	59	4'-9"	59	5'-10"	4	4'-9"	6	57'-3"	6.4	660
9'	8'	12"	3'-6"	63	4'-9"	63	5'-11"	4	4'-10"	6	63'-6"	6.9	720
9'	9'	13"	3'-7"	67	4'-9"	67	6'-0"	4	4'-11"	6	67'-0"	7.3	770
10'	3'	9"	3'-3"	48	4'-9"	48	5'-8"	4	4'-7"	6	46'-5"	5.2	540
10'	4'	10"	3'-4"	52	4'-9"	52	5'-9"	4	4'-8"	6	49'-11"	5.6	580
10'	5'	10"	3'-4"	56	4'-9"	56	5'-9"	4	4'-8"	6	53'-4"	6.0	620
10'	6'	11"	3'-5"	58	4'-9"	58	5'-10"	4	4'-9"	6	56'-10"	6.4	660
10'	7'	11"	3'-5"	62	4'-9"	62	5'-10"	4	4'-9"	6	63'-1"	6.8	710
10'	8'	12"	3'-6"	66	4'-9"	66	5'-11"	4	4'-10"	6	66'-6"	7.2	750
10'	9'	13"	3'-7"	70	4'-9"	70	6'-0"	4	4'-11"	6	70'-0"	7.6	800
10'	10'	13"	3'-7"	72	4'-9"	72	6'-0"	4	4'-11"	6	73'-10"	8.0	830
11'	3'	9"	3'-3"	51	4'-9"	51	5'-8"	4	4'-7"	6	49'-5"	5.6	570
11'	4'	10"	3'-4"	55	4'-9"	55	5'-9"	4	4'-8"	6	52'-11"	6.0	620
11'	5'	10"	3'-4"	59	4'-9"	59	5'-9"	4	4'-8"	6	56'-4"	6.3	660
11'	6'	11"	3'-5"	61	4'-9"	61	5'-10"	4	4'-9"	6	62'-8"	6.8	700
11'	7'	11"	3'-5"	65	4'-9"	65	5'-10"	4	4'-9"	6	66'-1"	7.2	740
11'	8'	12"	3'-6"	69	4'-9"	69	5'-11"	4	4'-10"	6	69'-6"	7.5	790
11'	9'	13"	3'-7"	73	4'-9"	73	6'-0"	4	4'-11"	6	73'-0"	7.9	830
11'	10'	13"	3'-7"	75	4'-9"	75	6'-0"	4	4'-11"	6	76'-10"	8.3	860
11'	11'	14"	3'-8"	79	4'-9"	79	6'-1"	4	5'-0"	6	80'-4"	8.7	910
12'	5'	10"	3'-4"	62	4'-9"	62	5'-9"	4	4'-8"	6	59'-8"	6.7	690
12'	6'	11"	3'-5"	64	4'-9"	64	5'-10"	4	4'-9"	6	65'-8"	7.1	730
12'	7'	11"	3'-5"	68	4'-9"	68	5'-10"	4	4'-9"	6	69'-1"	7.5	780
12'	8'	12"	3'-6"	72	4'-9"	72	5'-11"	4	4'-10"	6	72'-10"	7.9	820
12'	9'	13"	3'-7"	76	4'-9"	76	6'-0"	4	4'-11"	6	76'-4"	8.3	870
12'	10'	13"	3'-7"	78	4'-9"	78	6'-0"	4	4'-11"	6	79'-10"	8.7	900
12'	11'	14"	3'-8"	82	4'-9"	82	6'-1"	4	5'-0"	6	83'-4"	9.1	950
12'	12'	14"	3'-8"	86	4'-9"	86	6'-1"	4	5'-0"	6	86'-9"	9.4	990

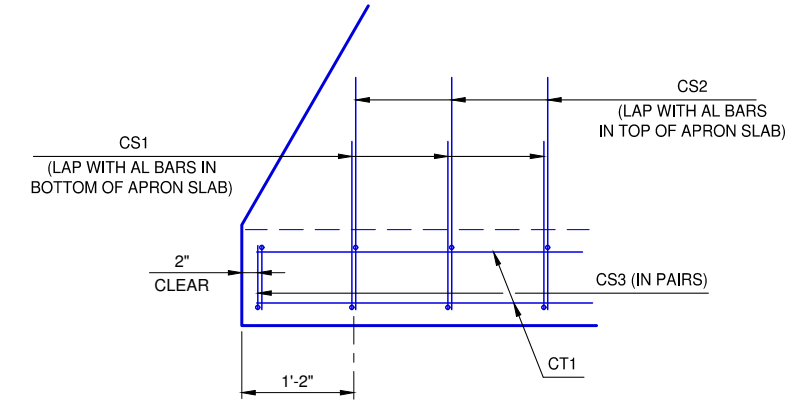
① LENGTH INCLUDES 2'-6" LAP



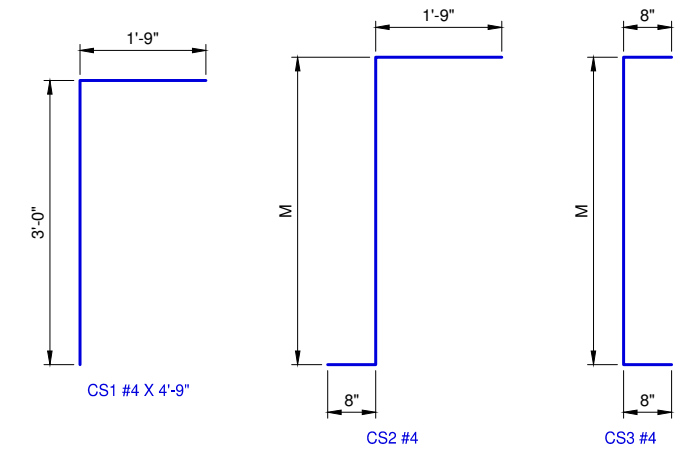
TYPICAL SECTION THRU CURTAIN WALL



TYPICAL SECTION THRU END OF CURTAIN WALL



CURTAIN WALL / APRON PLAN



REVISION NO.
DATE

The City of Oklahoma City  
Public Works Department  
Engineering Division

APPROVED BY: DATE: 6/22/2023  
ERIC J. WENGER, P.E.  
CITY ENGINEER

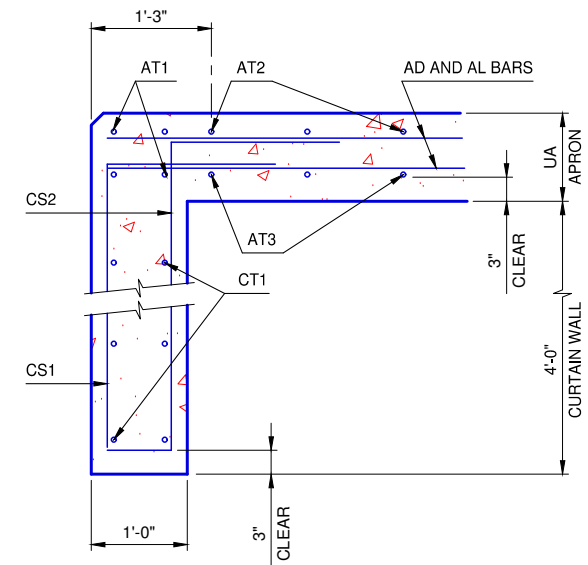
THESE STANDARD DRAWINGS AND ASSOCIATED CALCULATIONS HAVE BEEN PREPARED BY CEC CORPORATION UNDER CONTRACT WITH THE CITY OF OKLAHOMA CITY.

R.C.B. CULVERTS - CURTAIN WALL DETAILS  
TRIPLE CELL - 3'-0" DEPTH - 0° SKEW

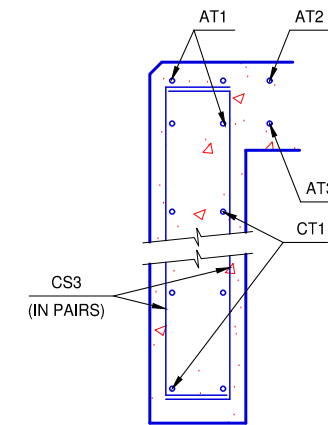
Drawing Number  
RCB-084

DIMENSIONS				REINFORCING STEEL								QUANTITIES	
CELL SPAN	CELL HEIGHT	UA	M	CS1 - #4		CS2 - #4		CS3 - #4		CT1 - #4 AT 12" MAX.		CONC. (C.Y.)	REINF. (LB.)
				NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH		
4'	3'	9"	4'-3"	30	5'-9"	30	6'-8"	4	5'-7"	8	28'-5"	4.3	420
4'	4'	10"	4'-4"	34	5'-9"	34	6'-9"	4	5'-8"	8	31'-11"	4.8	470
5'	3'	9"	4'-3"	33	5'-9"	33	6'-8"	4	5'-7"	8	31'-5"	4.8	460
5'	4'	10"	4'-4"	37	5'-9"	37	6'-9"	4	5'-8"	8	34'-11"	5.3	520
5'	5'	10"	4'-4"	41	5'-9"	41	6'-9"	4	5'-8"	8	38'-4"	5.8	570
6'	3'	9"	4'-3"	36	5'-9"	36	6'-8"	4	5'-7"	8	34'-5"	5.2	500
6'	4'	10"	4'-4"	40	5'-9"	40	6'-9"	4	5'-8"	8	37'-11"	5.7	560
6'	5'	10"	4'-4"	44	5'-9"	44	6'-9"	4	5'-8"	8	41'-4"	6.2	610
6'	6'	11"	4'-5"	46	5'-9"	46	6'-10"	4	5'-9"	8	44'-10"	6.7	650
7'	3'	9"	4'-3"	39	5'-9"	39	6'-8"	4	5'-7"	8	37'-5"	5.6	540
7'	4'	10"	4'-4"	43	5'-9"	43	6'-9"	4	5'-8"	8	40'-11"	6.2	600
7'	5'	10"	4'-4"	47	5'-9"	47	6'-9"	4	5'-8"	8	44'-4"	6.7	650
7'	6'	11"	4'-5"	49	5'-9"	49	6'-10"	4	5'-9"	8	47'-10"	7.2	690
7'	7'	11"	4'-5"	53	5'-9"	53	6'-10"	4	5'-9"	8	51'-3"	7.7	740
8'	3'	9"	4'-3"	42	5'-9"	42	6'-8"	4	5'-7"	8	40'-5"	6.1	580
8'	4'	10"	4'-4"	46	5'-9"	46	6'-9"	4	5'-8"	8	43'-11"	6.6	640
8'	5'	10"	4'-4"	50	5'-9"	50	6'-9"	4	5'-8"	8	47'-4"	7.1	690
8'	6'	11"	4'-5"	52	5'-9"	52	6'-10"	4	5'-9"	8	50'-10"	7.6	730
8'	7'	11"	4'-5"	56	5'-9"	56	6'-10"	4	5'-9"	8	54'-3"	8.1	780
8'	8'	12"	4'-6"	60	5'-9"	60	6'-11"	4	5'-10"	8	58'-0"	8.7	840
9'	3'	9"	4'-3"	45	5'-9"	45	6'-8"	4	5'-7"	8	43'-5"	6.5	630
9'	4'	10"	4'-4"	49	5'-9"	49	6'-9"	4	5'-8"	8	46'-11"	7.0	680
9'	5'	10"	4'-4"	53	5'-9"	53	6'-9"	4	5'-8"	8	50'-4"	7.6	730
9'	6'	11"	4'-5"	55	5'-9"	55	6'-10"	4	5'-9"	8	53'-10"	8.1	770
9'	7'	11"	4'-5"	59	5'-9"	59	6'-10"	4	5'-9"	8	57'-3"	8.6	820
9'	8'	12"	4'-6"	63	5'-9"	63	6'-11"	4	5'-10"	8	63'-6"	9.1	890
9'	9'	13"	4'-7"	67	5'-9"	67	7'-0"	4	5'-11"	8	67'-0"	9.7	950
10'	3'	9"	4'-3"	48	5'-9"	48	6'-8"	4	5'-7"	8	46'-5"	7.0	670
10'	4'	10"	4'-4"	52	5'-9"	52	6'-9"	4	5'-8"	8	49'-11"	7.5	720
10'	5'	10"	4'-4"	56	5'-9"	56	6'-9"	4	5'-8"	8	53'-4"	8.0	770
10'	6'	11"	4'-5"	58	5'-9"	58	6'-10"	4	5'-9"	8	56'-10"	8.5	810
10'	7'	11"	4'-5"	62	5'-9"	62	6'-10"	4	5'-9"	8	63'-1"	9.1	880
10'	8'	12"	4'-6"	66	5'-9"	66	6'-11"	4	5'-10"	8	66'-6"	9.6	930
10'	9'	13"	4'-7"	70	5'-9"	70	7'-0"	4	5'-11"	8	70'-0"	10.1	990
10'	10'	13"	4'-7"	72	5'-9"	72	7'-0"	4	5'-11"	8	73'-10"	10.7	1,030
11'	3'	9"	4'-3"	51	5'-9"	51	6'-8"	4	5'-7"	8	49'-5"	7.4	710
11'	4'	10"	4'-4"	55	5'-9"	55	6'-9"	4	5'-8"	8	52'-11"	7.9	760
11'	5'	10"	4'-4"	59	5'-9"	59	6'-9"	4	5'-8"	8	56'-4"	8.4	810
11'	6'	11"	4'-5"	61	5'-9"	61	6'-10"	4	5'-9"	8	62'-8"	9.0	870
11'	7'	11"	4'-5"	65	5'-9"	65	6'-10"	4	5'-9"	8	66'-1"	9.5	920
11'	8'	12"	4'-6"	69	5'-9"	69	6'-11"	4	5'-10"	8	69'-6"	10.0	980
11'	9'	13"	4'-7"	73	5'-9"	73	7'-0"	4	5'-11"	8	73'-0"	10.5	1,030
11'	10'	13"	4'-7"	75	5'-9"	75	7'-0"	4	5'-11"	8	76'-10"	11.1	1,070
11'	11'	14"	4'-8"	79	5'-9"	79	7'-1"	4	6'-0"	8	80'-4"	11.6	1,130
12'	5'	10"	4'-4"	62	5'-9"	62	6'-9"	4	5'-8"	8	59'-8"	8.9	860
12'	6'	11"	4'-5"	64	5'-9"	64	6'-10"	4	5'-9"	8	65'-8"	9.5	910
12'	7'	11"	4'-5"	68	5'-9"	68	6'-10"	4	5'-9"	8	69'-1"	10.0	960
12'	8'	12"	4'-6"	72	5'-9"	72	6'-11"	4	5'-10"	8	72'-10"	10.5	1,020
12'	9'	13"	4'-7"	76	5'-9"	76	7'-0"	4	5'-11"	8	76'-4"	11.0	1,080
12'	10'	13"	4'-7"	78	5'-9"	78	7'-0"	4	5'-11"	8	79'-10"	11.6	1,110
12'	11'	14"	4'-8"	82	5'-9"	82	7'-1"	4	6'-0"	8	83'-4"	12.1	1,170
12'	12'	14"	4'-8"	86	5'-9"	86	7'-1"	4	6'-0"	8	86'-9"	12.6	1,220

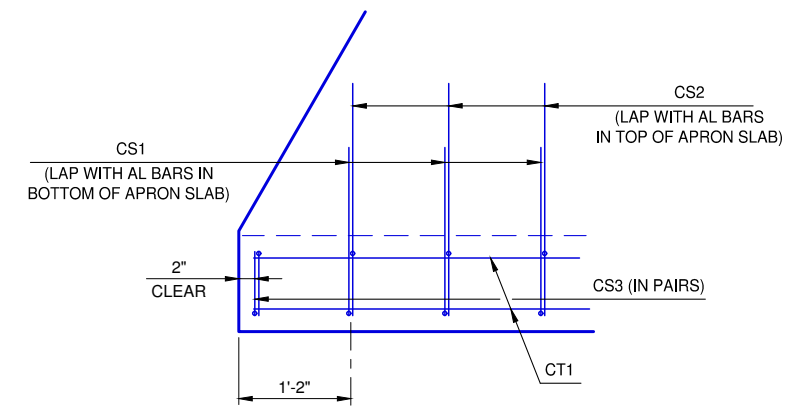
① LENGTH INCLUDES 2'-6" LAP



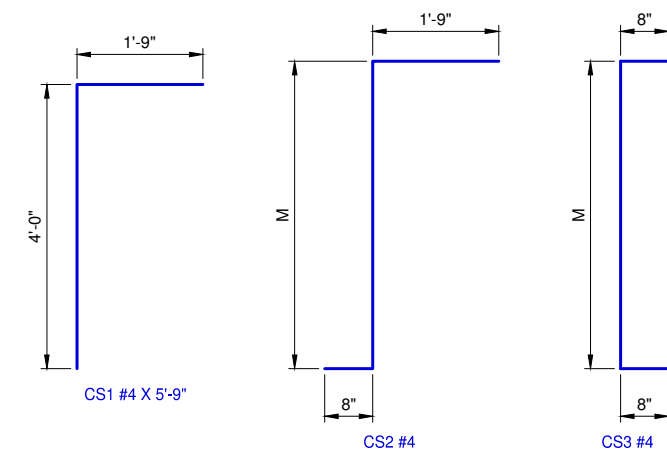
TYPICAL SECTION THRU CURTAIN WALL



TYPICAL SECTION THRU END OF CURTAIN WALL

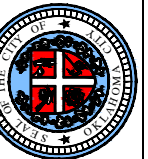


CURTAIN WALL / APRON PLAN



REVISION NO.  
DATE

The City of  
**Oklahoma City**  
Public Works Department  
Engineering Division



APPROVED BY: DATE: 6/22/2023  
ERIC J. WENGER, P.E.  
CITY ENGINEER

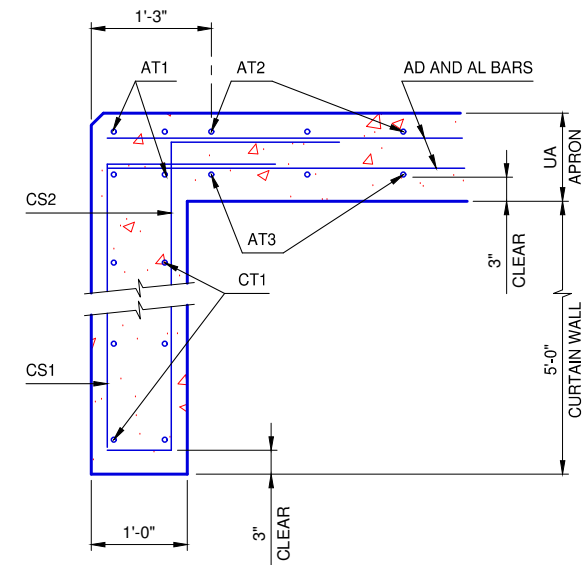
THESE STANDARD DRAWINGS AND ASSOCIATED CALCULATIONS HAVE BEEN PREPARED BY CEC CORPORATION UNDER CONTRACT WITH THE CITY OF OKLAHOMA CITY.

**R.C.B. CULVERTS - CURTAIN WALL DETAILS**  
**TRIPLE CELL - 4'-0" DEPTH - 0° SKEW**

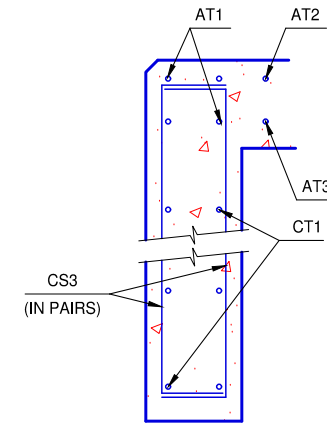
Drawing Number  
RCB-085

DIMENSIONS				REINFORCING STEEL								QUANTITIES	
CELL SPAN	CELL HEIGHT	UA	M	CS1 - #5		CS2 - #5		CS3 - #5		CT1 - #4 AT 12" MAX.		CONC. (C.Y.)	REINF. (LB.)
				NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH		
4'	3'	9"	5'-3"	30	6'-9"	30	7'-8"	4	6'-7"	10	28'-5"	5.4	670
4'	4'	10"	5'-4"	34	6'-9"	34	7'-9"	4	6'-8"	10	31'-11"	6.0	760
5'	3'	9"	5'-3"	33	6'-9"	33	7'-8"	4	6'-7"	10	31'-5"	5.9	740
5'	4'	10"	5'-4"	37	6'-9"	37	7'-9"	4	6'-8"	10	34'-11"	6.6	830
5'	5'	10"	5'-4"	41	6'-9"	41	7'-9"	4	6'-8"	10	38'-4"	7.2	910
6'	3'	9"	5'-3"	36	6'-9"	36	7'-8"	4	6'-7"	10	34'-5"	6.5	800
6'	4'	10"	5'-4"	40	6'-9"	40	7'-9"	4	6'-8"	10	37'-11"	7.1	890
6'	5'	10"	5'-4"	44	6'-9"	44	7'-9"	4	6'-8"	10	41'-4"	7.8	970
6'	6'	11"	5'-5"	46	6'-9"	46	7'-10"	4	6'-9"	10	44'-10"	8.4	1,030
7'	3'	9"	5'-3"	39	6'-9"	39	7'-8"	4	6'-7"	10	37'-5"	7.0	870
7'	4'	10"	5'-4"	43	6'-9"	43	7'-9"	4	6'-8"	10	40'-11"	7.7	960
7'	5'	10"	5'-4"	47	6'-9"	47	7'-9"	4	6'-8"	10	44'-4"	8.3	1,040
7'	6'	11"	5'-5"	49	6'-9"	49	7'-10"	4	6'-9"	10	47'-10"	9.0	1,100
7'	7'	11"	5'-5"	53	6'-9"	53	7'-10"	4	6'-9"	10	51'-3"	9.6	1,180
8'	3'	9"	5'-3"	42	6'-9"	42	7'-8"	4	6'-7"	10	40'-5"	7.6	930
8'	4'	10"	5'-4"	46	6'-9"	46	7'-9"	4	6'-8"	10	43'-11"	8.2	1,020
8'	5'	10"	5'-4"	50	6'-9"	50	7'-9"	4	6'-8"	10	47'-4"	8.9	1,110
8'	6'	11"	5'-5"	52	6'-9"	52	7'-10"	4	6'-9"	10	50'-10"	9.5	1,160
8'	7'	11"	5'-5"	56	6'-9"	56	7'-10"	4	6'-9"	10	54'-3"	10.2	1,250
8'	8'	12"	5'-6"	60	6'-9"	60	7'-11"	4	6'-10"	10	58'-0"	10.9	1,340
9'	3'	9"	5'-3"	45	6'-9"	45	7'-8"	4	6'-7"	10	43'-5"	8.2	1,000
9'	4'	10"	5'-4"	49	6'-9"	49	7'-9"	4	6'-8"	10	46'-11"	8.8	1,090
9'	5'	10"	5'-4"	53	6'-9"	53	7'-9"	4	6'-8"	10	50'-4"	9.4	1,170
9'	6'	11"	5'-5"	55	6'-9"	55	7'-10"	4	6'-9"	10	53'-10"	10.1	1,230
9'	7'	11"	5'-5"	59	6'-9"	59	7'-10"	4	6'-9"	10	57'-3"	10.7	1,310
9'	8'	12"	5'-6"	63	6'-9"	63	7'-11"	4	6'-10"	10	63'-6"	11.4	1,420
9'	9'	13"	5'-7"	67	6'-9"	67	8'-0"	4	6'-11"	10	67'-0"	12.1	1,510
10'	3'	9"	5'-3"	48	6'-9"	48	7'-8"	4	6'-7"	10	46'-5"	8.7	1,060
10'	4'	10"	5'-4"	52	6'-9"	52	7'-9"	4	6'-8"	10	49'-11"	9.4	1,150
10'	5'	10"	5'-4"	56	6'-9"	56	7'-9"	4	6'-8"	10	53'-4"	10.0	1,240
10'	6'	11"	5'-5"	58	6'-9"	58	7'-10"	4	6'-9"	10	56'-10"	10.6	1,300
10'	7'	11"	5'-5"	62	6'-9"	62	7'-10"	4	6'-9"	10	63'-1"	11.3	1,400
10'	8'	12"	5'-6"	66	6'-9"	66	7'-11"	4	6'-10"	10	66'-6"	12.0	1,490
10'	9'	13"	5'-7"	70	6'-9"	70	8'-0"	4	6'-11"	10	70'-0"	12.6	1,580
10'	10'	13"	5'-7"	72	6'-9"	72	8'-0"	4	6'-11"	10	73'-10"	13.3	1,630
11'	3'	9"	5'-3"	51	6'-9"	51	7'-8"	4	6'-7"	10	49'-5"	9.3	1,130
11'	4'	10"	5'-4"	55	6'-9"	55	7'-9"	4	6'-8"	10	52'-11"	9.9	1,220
11'	5'	10"	5'-4"	59	6'-9"	59	7'-9"	4	6'-8"	10	56'-4"	10.5	1,300
11'	6'	11"	5'-5"	61	6'-9"	61	7'-10"	4	6'-9"	10	62'-8"	11.3	1,380
11'	7'	11"	5'-5"	65	6'-9"	65	7'-10"	4	6'-9"	10	66'-1"	11.9	1,460
11'	8'	12"	5'-6"	69	6'-9"	69	7'-11"	4	6'-10"	10	69'-6"	12.5	1,550
11'	9'	13"	5'-7"	73	6'-9"	73	8'-0"	4	6'-11"	10	73'-0"	13.2	1,640
11'	10'	13"	5'-7"	75	6'-9"	75	8'-0"	4	6'-11"	10	76'-10"	13.9	1,700
11'	11'	14"	5'-8"	79	6'-9"	79	8'-1"	4	7'-0"	10	80'-4"	14.5	1,790
12'	5'	10"	5'-4"	62	6'-9"	62	7'-9"	4	6'-8"	10	59'-8"	11.2	1,370
12'	6'	11"	5'-5"	64	6'-9"	64	7'-10"	4	6'-9"	10	65'-8"	11.8	1,450
12'	7'	11"	5'-5"	68	6'-9"	68	7'-10"	4	6'-9"	10	69'-1"	12.4	1,530
12'	8'	12"	5'-6"	72	6'-9"	72	7'-11"	4	6'-10"	10	72'-10"	13.1	1,620
12'	9'	13"	5'-7"	76	6'-9"	76	8'-0"	4	6'-11"	10	76'-4"	13.8	1,710
12'	10'	13"	5'-7"	78	6'-9"	78	8'-0"	4	6'-11"	10	79'-10"	14.4	1,770
12'	11'	14"	5'-8"	82	6'-9"	82	8'-1"	4	7'-0"	10	83'-4"	15.1	1,860
12'	12'	14"	5'-8"	86	6'-9"	86	8'-1"	4	7'-0"	10	86'-9"	15.7	1,940

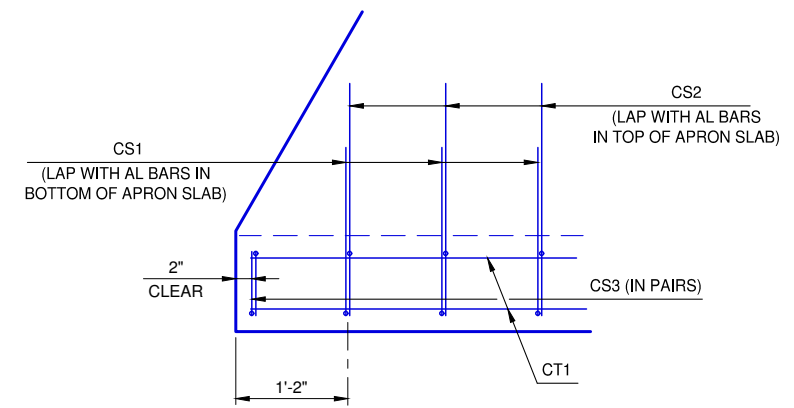
① LENGTH INCLUDES 2'-6" LAP



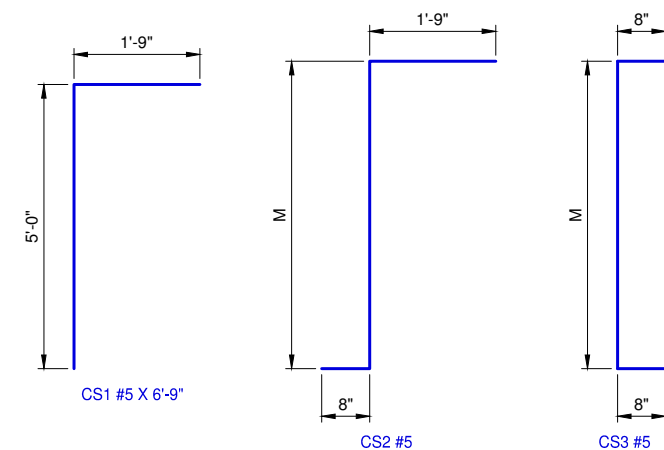
TYPICAL SECTION THRU CURTAIN WALL



TYPICAL SECTION THRU END OF CURTAIN WALL

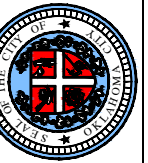


CURTAIN WALL / APRON PLAN



REVISION NO.
DATE

The City of  
**Oklahoma City**  
Public Works Department  
Engineering Division



APPROVED BY: DATE: 6/22/2023  
ERIC J. WENGER, P.E.  
CITY ENGINEER

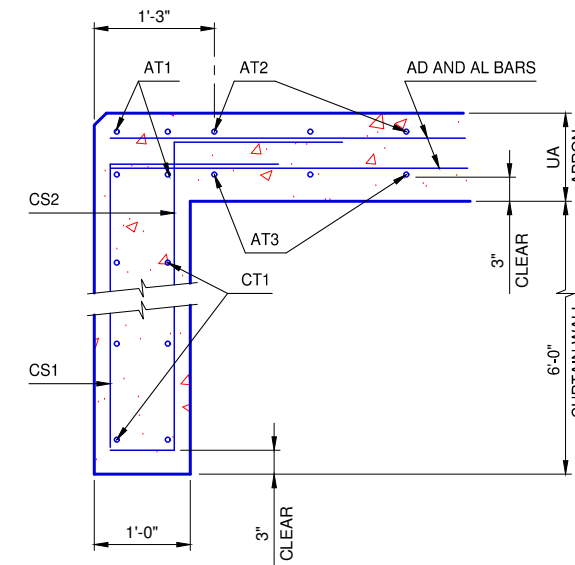
THESE STANDARD DRAWINGS AND ASSOCIATED CALCULATIONS HAVE BEEN PREPARED BY CEC CORPORATION UNDER CONTRACT WITH THE CITY OF OKLAHOMA CITY.

**R.C.B. CULVERTS - CURTAIN WALL DETAILS**  
**TRIPLE CELL - 5'-0" DEPTH - 0° SKEW**

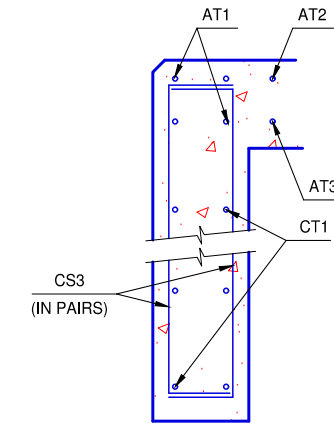
Drawing Number  
RCB-086

DIMENSIONS				REINFORCING STEEL								QUANTITIES	
CELL SPAN	CELL HEIGHT	UA	M	CS1 - #5		CS2 - #5		CS3 - #5		CT1 - #4 AT 12" MAX.		CONC. (C.Y.)	REINF. (LB.)
				NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH		
4'	3'	9"	6'-3"	59	7'-9"	59	8'-8"	4	7'-7"	12	28'-5"	6.4	1,270
4'	4'	10"	6'-4"	67	7'-9"	67	8'-9"	4	7'-8"	12	31'-11"	7.2	1,450
5'	3'	9"	6'-3"	65	7'-9"	65	8'-8"	4	7'-7"	12	31'-5"	7.1	1,400
5'	4'	10"	6'-4"	73	7'-9"	73	8'-9"	4	7'-8"	12	34'-11"	7.9	1,570
5'	5'	10"	6'-4"	81	7'-9"	81	8'-9"	4	7'-8"	12	38'-4"	8.6	1,740
6'	3'	9"	6'-3"	71	7'-9"	71	8'-8"	4	7'-7"	12	34'-5"	7.8	1,530
6'	4'	10"	6'-4"	79	7'-9"	79	8'-9"	4	7'-8"	12	37'-11"	8.5	1,700
6'	5'	10"	6'-4"	87	7'-9"	87	8'-9"	4	7'-8"	12	41'-4"	9.3	1,870
6'	6'	11"	6'-5"	91	7'-9"	91	8'-10"	4	7'-9"	12	44'-10"	10.1	1,970
7'	3'	9"	6'-3"	77	7'-9"	77	8'-8"	4	7'-7"	12	37'-5"	8.4	1,660
7'	4'	10"	6'-4"	85	7'-9"	85	8'-9"	4	7'-8"	12	40'-11"	9.2	1,830
7'	5'	10"	6'-4"	93	7'-9"	93	8'-9"	4	7'-8"	12	44'-4"	10.0	1,990
7'	6'	11"	6'-5"	97	7'-9"	97	8'-10"	4	7'-9"	12	47'-10"	10.8	2,100
7'	7'	11"	6'-5"	105	7'-9"	105	8'-10"	4	7'-9"	12	51'-3"	11.5	2,260
8'	3'	9"	6'-3"	83	7'-9"	83	8'-8"	4	7'-7"	12	40'-5"	9.1	1,780
8'	4'	10"	6'-4"	91	7'-9"	91	8'-9"	4	7'-8"	12	43'-11"	9.9	1,960
8'	5'	10"	6'-4"	99	7'-9"	99	8'-9"	4	7'-8"	12	47'-4"	10.6	2,120
8'	6'	11"	6'-5"	103	7'-9"	103	8'-10"	4	7'-9"	12	50'-10"	11.4	2,230
8'	7'	11"	6'-5"	111	7'-9"	111	8'-10"	4	7'-9"	12	54'-3"	12.2	2,390
8'	8'	12"	6'-6"	119	7'-9"	119	8'-11"	4	7'-10"	12	58'-0"	13.0	2,570
9'	3'	9"	6'-3"	89	7'-9"	89	8'-8"	4	7'-7"	12	43'-5"	9.8	1,910
9'	4'	10"	6'-4"	97	7'-9"	97	8'-9"	4	7'-8"	12	46'-11"	10.5	2,080
9'	5'	10"	6'-4"	105	7'-9"	105	8'-9"	4	7'-8"	12	50'-4"	11.3	2,250
9'	6'	11"	6'-5"	109	7'-9"	109	8'-10"	4	7'-9"	12	53'-10"	12.1	2,350
9'	7'	11"	6'-5"	117	7'-9"	117	8'-10"	4	7'-9"	12	57'-3"	12.8	2,520
9'	8'	12"	6'-6"	125	7'-9"	125	8'-11"	4	7'-10"	12	63'-6"	13.7	2,720
9'	9'	13"	6'-7"	133	7'-9"	133	9'-0"	4	7'-11"	12	67'-0"	14.5	2,900
10'	3'	9"	6'-3"	95	7'-9"	95	8'-8"	4	7'-7"	12	46'-5"	10.4	2,040
10'	4'	10"	6'-4"	103	7'-9"	103	8'-9"	4	7'-8"	12	49'-11"	11.2	2,210
10'	5'	10"	6'-4"	111	7'-9"	111	8'-9"	4	7'-8"	12	53'-4"	12.0	2,370
10'	6'	11"	6'-5"	115	7'-9"	115	8'-10"	4	7'-9"	12	56'-10"	12.8	2,480
10'	7'	11"	6'-5"	123	7'-9"	123	8'-10"	4	7'-9"	12	63'-1"	13.6	2,670
10'	8'	12"	6'-6"	131	7'-9"	131	8'-11"	4	7'-10"	12	66'-6"	14.3	2,850
10'	9'	13"	6'-7"	139	7'-9"	139	9'-0"	4	7'-11"	12	70'-0"	15.1	3,030
10'	10'	13"	6'-7"	143	7'-9"	143	9'-0"	4	7'-11"	12	73'-10"	16.0	3,130
11'	3'	9"	6'-3"	101	7'-9"	101	8'-8"	4	7'-7"	12	49'-5"	11.1	2,160
11'	4'	10"	6'-4"	109	7'-9"	109	8'-9"	4	7'-8"	12	52'-11"	11.9	2,340
11'	5'	10"	6'-4"	117	7'-9"	117	8'-9"	4	7'-8"	12	56'-4"	12.6	2,500
11'	6'	11"	6'-5"	121	7'-9"	121	8'-10"	4	7'-9"	12	62'-8"	13.5	2,630
11'	7'	11"	6'-5"	129	7'-9"	129	8'-10"	4	7'-9"	12	66'-1"	14.3	2,800
11'	8'	12"	6'-6"	137	7'-9"	137	8'-11"	4	7'-10"	12	69'-6"	15.0	2,980
11'	9'	13"	6'-7"	145	7'-9"	145	9'-0"	4	7'-11"	12	73'-0"	15.8	3,160
11'	10'	13"	6'-7"	149	7'-9"	149	9'-0"	4	7'-11"	12	76'-10"	16.6	3,260
11'	11'	14"	6'-8"	157	7'-9"	157	9'-1"	4	8'-0"	12	80'-4"	17.4	3,440
12'	5'	10"	6'-4"	123	7'-9"	123	8'-9"	4	7'-8"	12	59'-8"	13.4	2,630
12'	6'	11"	6'-5"	127	7'-9"	127	8'-10"	4	7'-9"	12	65'-8"	14.2	2,760
12'	7'	11"	6'-5"	135	7'-9"	135	8'-10"	4	7'-9"	12	69'-1"	14.9	2,930
12'	8'	12"	6'-6"	143	7'-9"	143	8'-11"	4	7'-10"	12	72'-10"	15.8	3,110
12'	9'	13"	6'-7"	151	7'-9"	151	9'-0"	4	7'-11"	12	76'-4"	16.5	3,290
12'	10'	13"	6'-7"	155	7'-9"	155	9'-0"	4	7'-11"	12	79'-10"	17.3	3,390
12'	11'	14"	6'-8"	163	7'-9"	163	9'-1"	4	8'-0"	12	83'-4"	18.1	3,570
12'	12'	14"	6'-8"	171	7'-9"	171	9'-1"	4	8'-0"	12	86'-9"	18.8	3,740

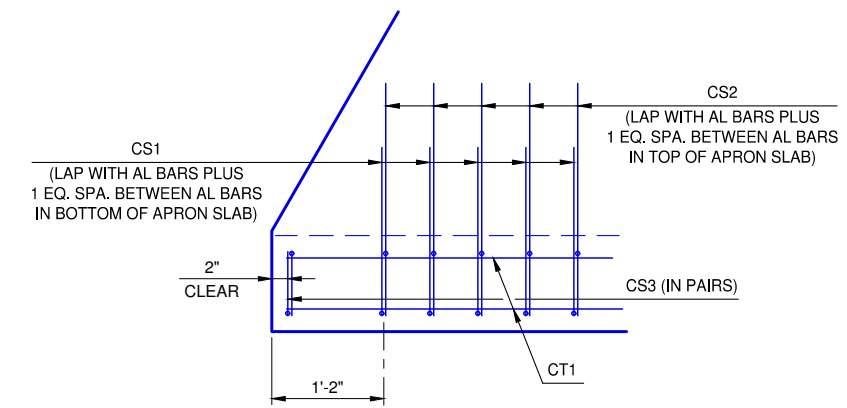
① LENGTH INCLUDES 2'-6" LAP



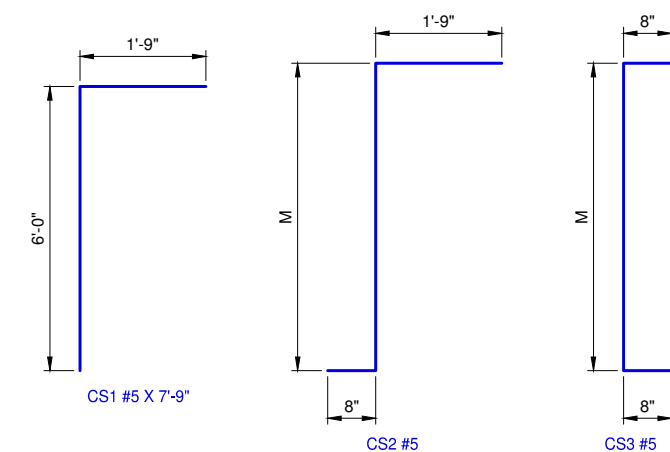
TYPICAL SECTION THRU CURTAIN WALL



TYPICAL SECTION THRU END OF CURTAIN WALL



CURTAIN WALL / APRON PLAN



REVISION NO.  
DATE

APPROVED BY: DATE: 6/22/2023  
ERIC J. WENGER, P.E.  
CITY ENGINEER  
THESE STANDARD DRAWINGS AND ASSOCIATED CALCULATIONS HAVE BEEN PREPARED BY CEC CORPORATION UNDER CONTRACT WITH THE CITY OF OKLAHOMA CITY.

R.C.B. CULVERTS - CURTAIN WALL DETAILS  
TRIPLE CELL - 6'-0" DEPTH - 0° SKEW

Drawing Number  
RCB-087

The City of  
**Oklahoma City**  
Public Works Department  
Engineering Division

