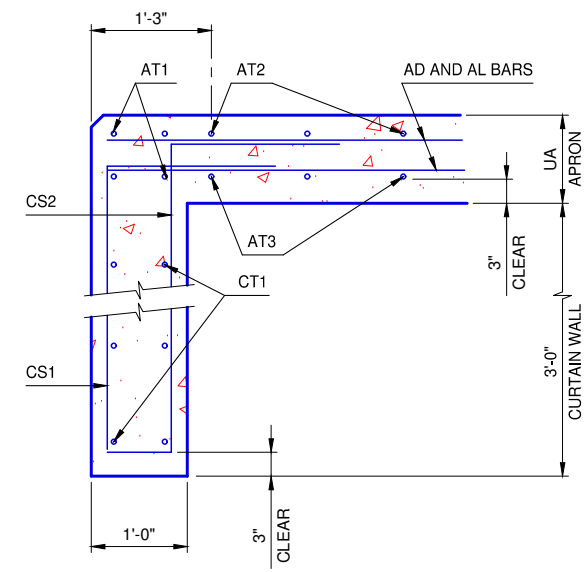
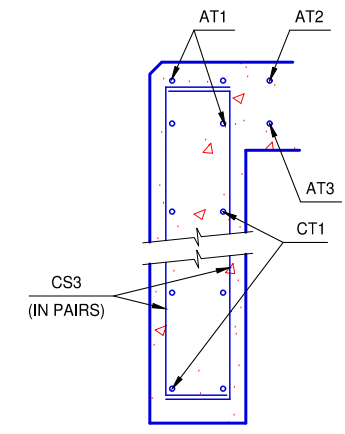


| DIMENSIONS |             |     |       | REINFORCING STEEL |        |          |        |          |        |                      |         | QUANTITIES   |              |
|------------|-------------|-----|-------|-------------------|--------|----------|--------|----------|--------|----------------------|---------|--------------|--------------|
| 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          |

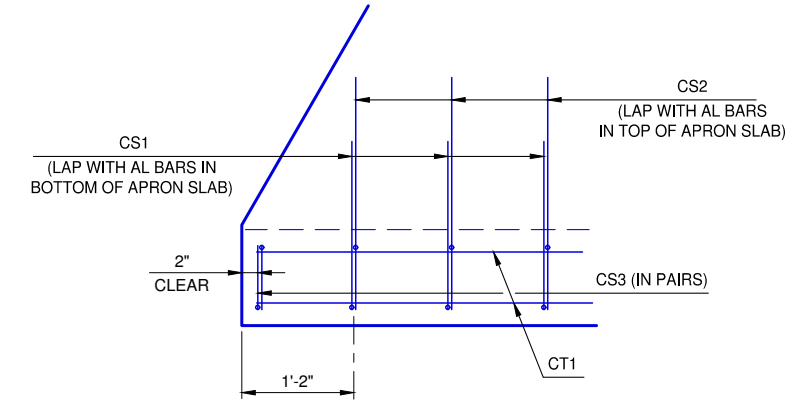
① LENGTH INCLUDES 2'-6" LAP



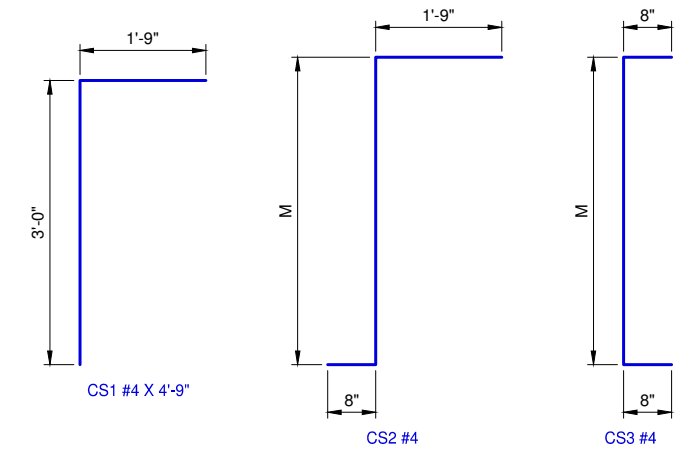
TYPICAL SECTION THRU CURTAIN WALL



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