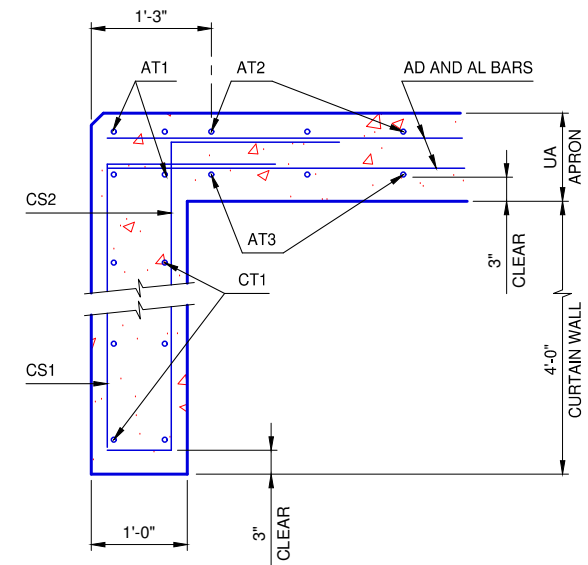
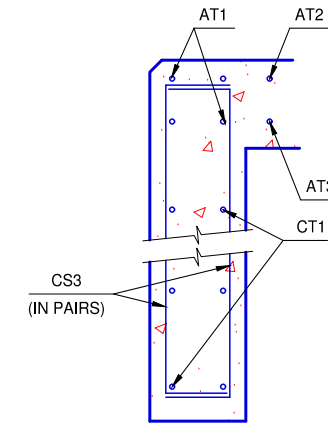


| DIMENSIONS | | | | REINFORCING STEEL | | | | | | | | QUANTITIES | |
|------------|-------------|-----|-------|-------------------|--------|----------|--------|----------|--------|----------------------|---------|--------------|--------------|
| CELL SPAN | CELL HEIGHT | UA | M | CS1 - #4 | | CS2 - #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 |

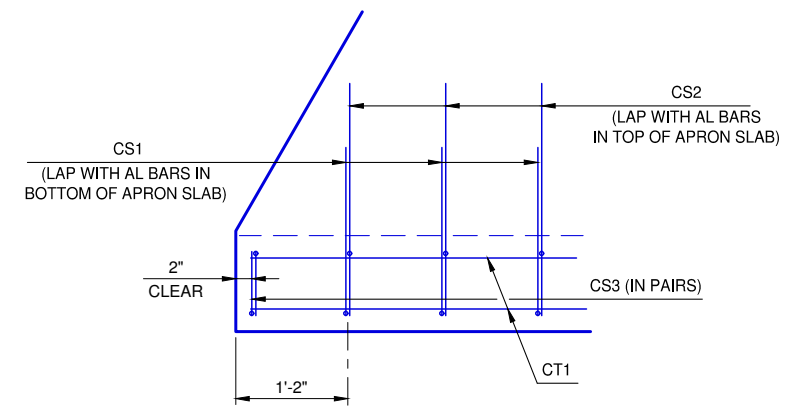
① LENGTH INCLUDES 2'-6" LAP



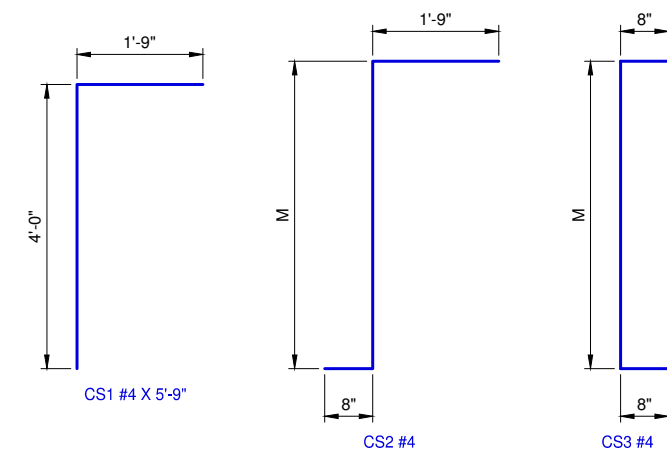
TYPICAL SECTION THRU CURTAIN WALL



TYPICAL SECTION THRU END OF CURTAIN WALL

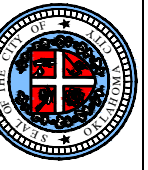


CURTAIN WALL / APRON PLAN



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