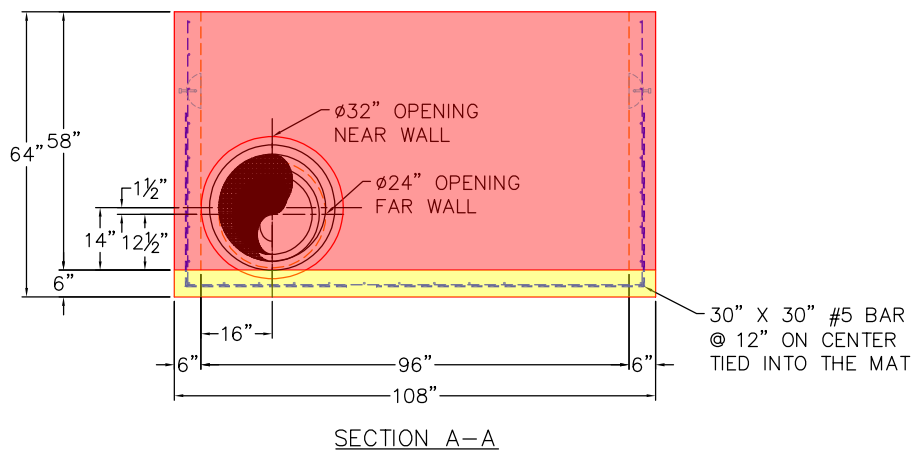
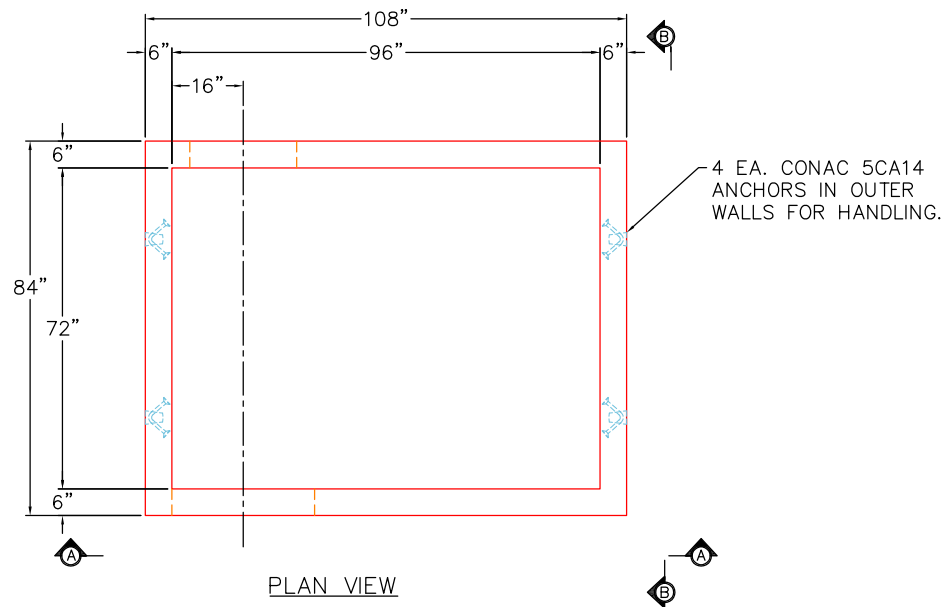
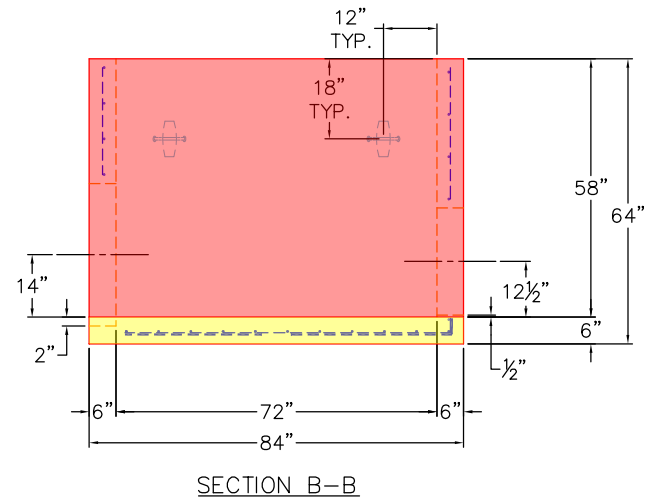




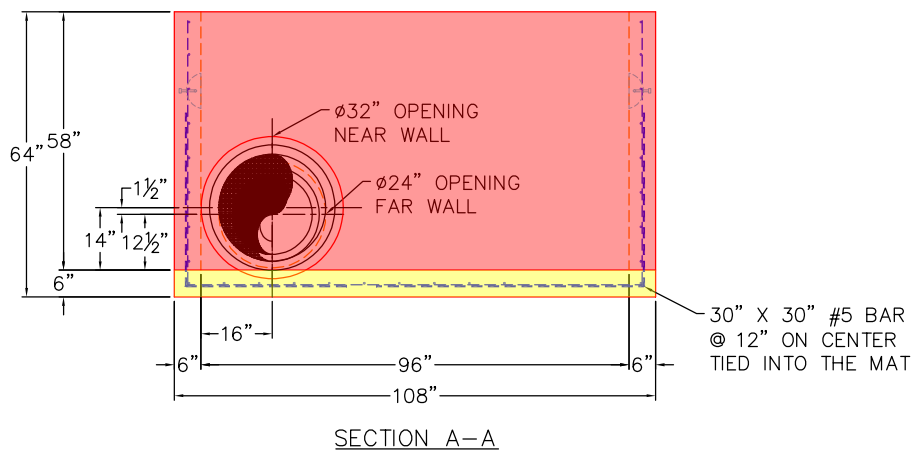
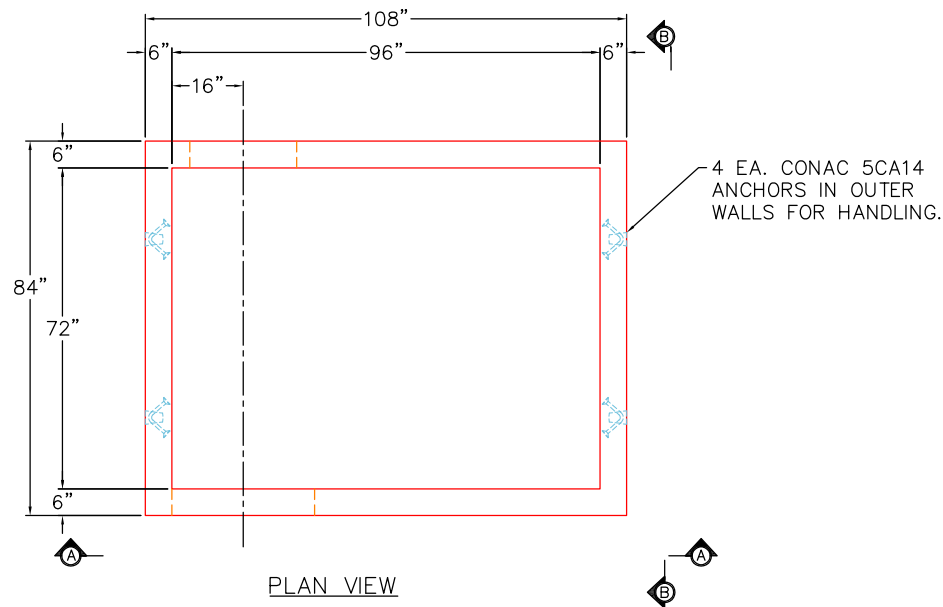
#### GENERAL NOTES:

1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS. CONCRETE.
3. REINFORCING: PER ATTACHED DESIGN BY CONTECH.
4. WEIGHTS: TOTAL = 14,447 LBS  
FIRST POUR = 4,568 LBS  
SECOND POUR = 9,879 LBS
5. VAULT JOINT TO BE SEALED WITH CONCRETE SEALANTS, INC. CS-102 ROLL BUTYL MASTIC. (SUPPLIED BY ICAST)
6. STRUCTURE TO HAVE INTERNALS INSTALLED BY ICAST.
7. INLET & OUTLET PIPE OPENINGS TO BE STENCILED ONTO THE OUTSIDE OF THE PRODUCT.
8. LIFT ANCHORS TO BE PLACED ON THE OUTSIDE OF THE STRUCTURE

#### FIRST POUR DRAWING



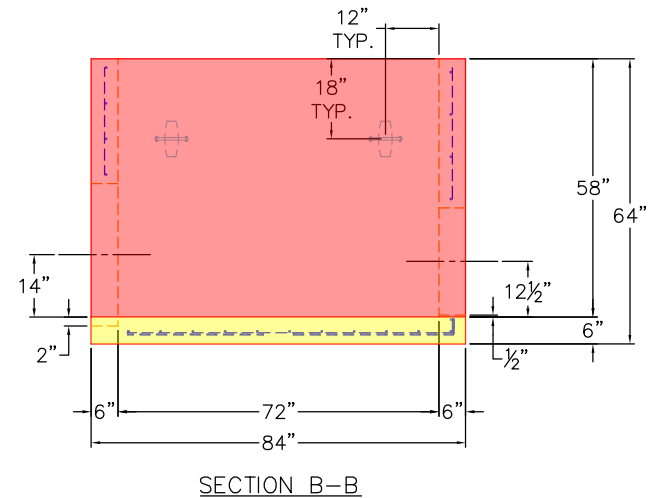
| PRODUCTION WORK ORDER                                                               |                                                                                                                                                                                                                                                                                                                                                                                                       | PRODUCT I.D.: BX7296-06W06-VF | DESCRIPTION: 72" X 96" X 58" TALL VAULT BASE |                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-----------------------|
|  | <b>QUALITY CONTROL CHECKLIST</b><br><input type="checkbox"/> ALL DIMENSIONS CORRECT.<br><input type="checkbox"/> LIFTERS INSTALLED.<br><input type="checkbox"/> OPENING CORRECT LOCATION.<br><input type="checkbox"/> REINFORCING CORRECT.<br><input type="checkbox"/> SURFACE QUALITY ACCEPTABLE.<br><input type="checkbox"/> EDGES CHAMFERED.<br><input type="checkbox"/> ALL PATCHWORK ACCEPTABLE. | PRODUCT VIEW: RIGHT SIDE UP   | CUSTOMER: CONTECH ENGINEERING SOLUTIONS      |                       |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       | PLANT: BEAVER DAM, KY.        | PROJECT: 833109 WAWA NO. 7018                |                       |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       | WEIGHT: 14,447 LBS.           | STRUCTURE: 10-KFPD0608                       |                       |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       | TOP SECTION JOINT: N/A        | ORDER NO: 26-3104                            |                       |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       | BASE SECTION JOINT: N/A       | PC: C. GOFF                                  | DRAWING: S. FELLETER  |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       | QC CHECK INITIALS:            | DATE: 07/28/26                               | SCALE: NTS PG. 1 of 1 |



### GENERAL NOTES:

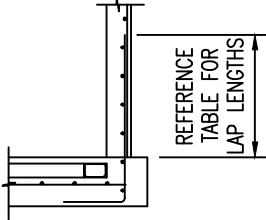
1. MANUFACTURED TO ASTM C-913 (LATEST REVISION).
2. CONCRETE: 5,000 PSI AT 28 DAYS. CONCRETE.
3. REINFORCING: PER ATTACHED DESIGN BY CONTECH.
4. WEIGHTS: TOTAL = 14,447 LBS  
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7. INLET & OUTLET PIPE OPENINGS TO BE STENCILED ONTO THE OUTSIDE OF THE PRODUCT.
8. LIFT ANCHORS TO BE PLACED ON THE OUTSIDE OF THE STRUCTURE

### SECOND POUR DRAWING

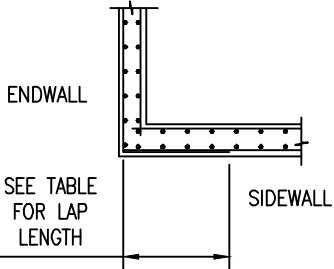


| PRODUCTION WORK ORDER                                                               |                                                                                                                                                                                                                                                                                                                                                                                                       | PRODUCT I.D.: BX7296-06W06-VF | DESCRIPTION: 72" X 96" X 58" TALL VAULT BASE |                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------------------------------------------|-----------------------|
|  | <b>QUALITY CONTROL CHECKLIST</b><br><input type="checkbox"/> ALL DIMENSIONS CORRECT.<br><input type="checkbox"/> LIFTERS INSTALLED.<br><input type="checkbox"/> OPENING CORRECT LOCATION.<br><input type="checkbox"/> REINFORCING CORRECT.<br><input type="checkbox"/> SURFACE QUALITY ACCEPTABLE.<br><input type="checkbox"/> EDGES CHAMFERED.<br><input type="checkbox"/> ALL PATCHWORK ACCEPTABLE. | PRODUCT VIEW: RIGHT SIDE UP   | CUSTOMER: CONTECH ENGINEERING SOLUTIONS      |                       |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       | PLANT: BEAVER DAM, KY.        | PROJECT: 833109 WAWA NO. 7018                |                       |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       | WEIGHT: 14,447 LBS.           | STRUCTURE: 10-KFPD0608                       |                       |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       | TOP SECTION JOINT: N/A        | ORDER NO: 26-3104                            |                       |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       | BASE SECTION JOINT: N/A       | PC: C. GOFF                                  | DRAWING: S. FELLETER  |
|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                       | QC CHECK INITIALS:            | DATE: 07/28/26                               | SCALE: NTS PG. 1 of 1 |

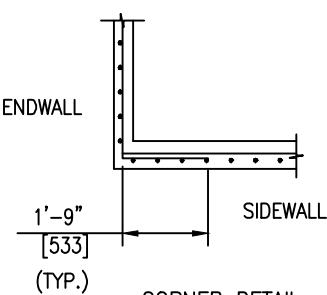
| MINIMUM LAP |           |
|-------------|-----------|
| BAR SIZE    | LAP       |
| #4[10M]     | 21"[535]  |
| #5[15M]     | 26"[660]  |
| #6[20M]     | 31"[790]  |
| #7[20M]     | 36"[915]  |
| #8[25M]     | 46"[1170] |



ALTERNATE BASE DETAIL



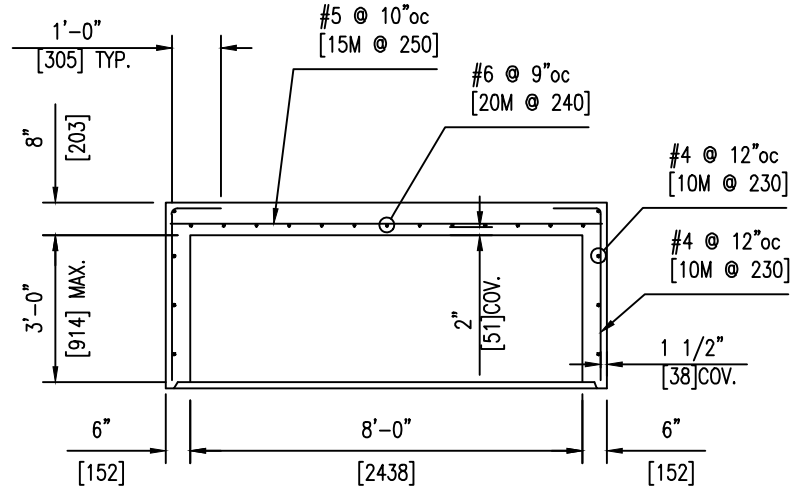
WALL CORNER DETAIL  
(PLAN VIEW)  
(DOUBLE MAT)



CORNER DETAIL  
(PLAN VIEW)  
(SINGLE MAT)

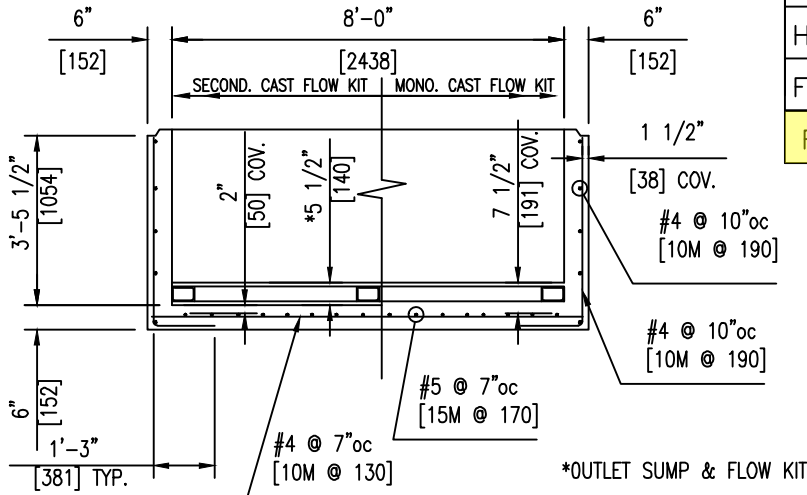
- NOTES:
- DESIGN LOAD = AASHTO HS20-44
  - CONCRETE STRENGTH = 5000psi
  - REINFORCING STEEL - GRADE 60
  - CHART BELOW SHOWS MAXIMUM DEPTH OF FILL FOR UNIT CLASS AT VARIOUS WATER TABLE DEPTHS. DRY INDICATED W/T BELOW UNIT. FILL DEPTHS GREATER THAN 10' SHALL REQUIRE SPECIAL DESIGN.
  - PIPE OPENINGS, SIZE AND LOCATION, AS REQUIRED. PROVIDE ADDITIONAL REINFORCING EQUAL TO THE BARS INTERRUPTED, 1/2 EACH SIDE. ADD #4 DIAGONAL TRIM BARS AROUND OPENINGS.
  - FULL HEIGHT MONO BASE UNIT MUST HAVE TOP SLAB IN PLACE PRIOR TO BACK FILLING.
  - BAR WEIGHTS AND DETAILS BASED ON VISUAL SHOWN.
  - SECONDARY CAST FLOW KIT SHALL BE IN PLACE PRIOR TO BACK FILLING.
  - THE OPENING SIZES AND LOCATIONS MAY VARY. FOR EXACT SIZES AND LOCATIONS SEE CONTECH PROJECT SPECIFIC DRAWINGS.

| SECTION    | 0    | 3    | 6    | 9    | DRY   |
|------------|------|------|------|------|-------|
| MONO TOP   | 1.25 | 2.75 | 5.25 | 6.75 | 8.75  |
| MONO BASE  | 1.25 | 2.75 | 5.25 | 6.75 | 8.75  |
| HALF RISER | 1.25 | 2.75 | 5.25 | 6.75 | 8.75  |
| FULL RISER | 2.75 | 4.25 | 5.75 | 8.25 | 10.00 |
| FULL BASE  | 2.75 | 4.25 | 5.75 | 8.25 | 10.00 |



HALF HEIGHT MONOLITHIC TOP UNIT  
(BAR WEIGHT = 393 LBS.)

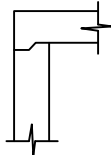
| ALTERNATE WALL DESIGN (HORIZONTAL BARS TO OUTSIDE) |          |          |                |
|----------------------------------------------------|----------|----------|----------------|
| WALLS                                              | VERT.    | HORIZ.   | COV. TO HORIZ. |
| 6"                                                 | #4 @ 12" | #4 @ 12" | 1 1/2"         |



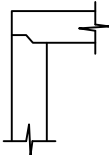
HALF HEIGHT MONOLITHIC BASE UNIT  
(BAR WEIGHT = 413 LBS.)

| ALTERNATE WALL DESIGN (HORIZONTAL BARS TO OUTSIDE) |         |          |                |
|----------------------------------------------------|---------|----------|----------------|
| WALLS                                              | VERT.   | HORIZ.   | COV. TO HORIZ. |
| 6"                                                 | #4 @ 9" | #4 @ 10" | 1 1/2"         |

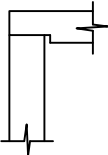
ALT. TOP SLAB  
DETAIL A  
\*SEE BELOW



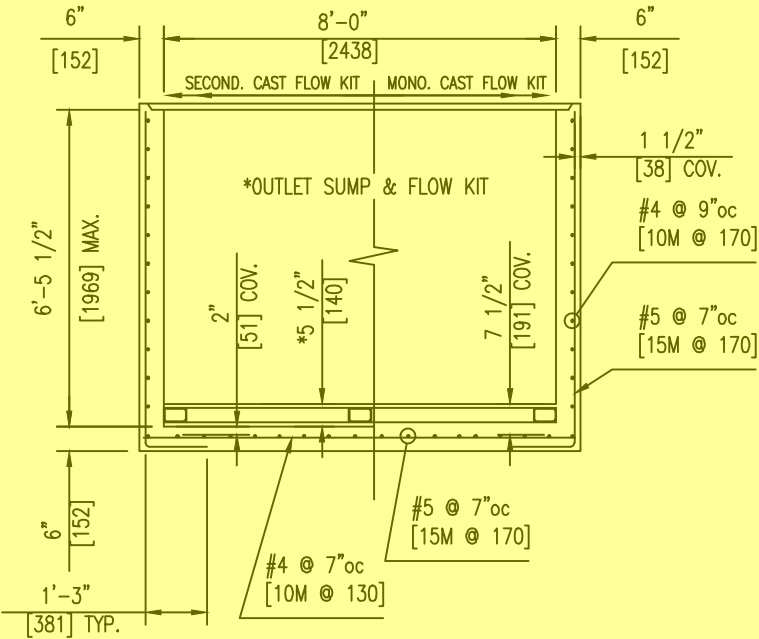
ALT. TOP SLAB  
DETAIL B



ALT. TOP SLAB  
DETAIL C

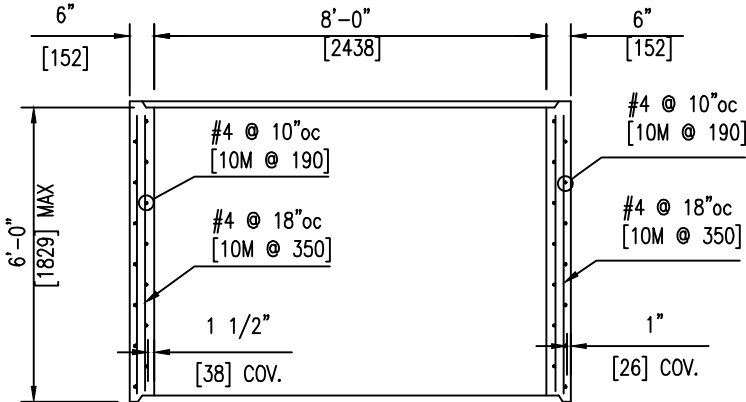


\* ALTERNATE SLAB DETAIL "A" CANNOT BE USED WITH FULL HEIGHT MONO BASE. SEE NOTE 6 ABOVE.

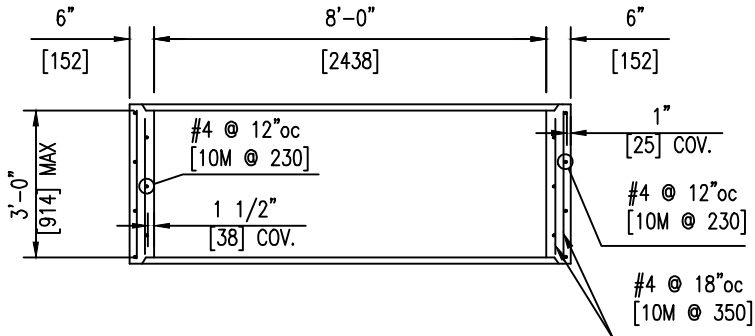


FULL HEIGHT MONOLITHIC BASE UNIT  
(BAR WEIGHT = 839 LBS.)  
SEE NOTE 6

| ALTERNATE WALL DESIGN (HORIZONTAL BARS TO OUTSIDE) |          |          |                |
|----------------------------------------------------|----------|----------|----------------|
| WALLS                                              | VERT.    | HORIZ.   | COV. TO HORIZ. |
| 6"                                                 | #5 @ 10" | #4 @ 10" | 1 1/2"         |



FULL HEIGHT RISER UNIT  
(BAR WEIGHT = 526 LBS.)



HALF HEIGHT TOP RISER UNIT  
(BAR WEIGHT = 229 LBS.)

STORMFILTER 8' X 6': 600 CLASS 6'-0" L x 8'-0" W x 6'-0" I.D.

PREPARED FOR:

TITLE: STORMFILTER 8 X 6 - 600 CLASS

PROJECT: STORMFILTER

DRAWN BY: KMK

CHECKED BY: SLV

SCALE: NONE

DATE: 10/2009

JOB No: 2007.025.058

NUMBER: SFBX6