

# ALUTECH UNITED, INC.

## STORM TEX WITH FLEX TRACK SCREEN SYSTEM (HVHZ) (IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
  - TAS 201-94
  - TAS 202-94
  - TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. INSTALLATION OF ROLL DOWN MAY EITHER BE INSIDE OR OUTSIDE OF THE TIE BEAM.
6. ALL EXTRUSION MATERIAL: 6061-T6 ALUMINUM ALLOY, UNLESS OTHERWISE NOTED.
7. DESIGN AND OPERATION OF ROLL UP MECHANISM IS NOT PART OF THIS APPROVAL, MANUFACTURER SPECIFICATIONS SHOULD BE FOLLOWED. CARE SHOULD BE TAKEN WHEN SHUTTER IS IN MOTION ENSURING THAT PERSONAL INJURY OR DAMAGE TO THIS PRODUCT DOES NOT OCCUR.
8. FOR DESIGN PRESSURES SEE SHEET 2. SEE SHEETS 13, 15 AND 16 FOR DESIGN PRESSURES BASED ON MULLIONS.
9. HOOD ASSEMBLY IS IMPACT RATED AND CAN BE PLACED INSIDE FRAME OPENING AS AN EXPOSED FEATURE.
- 10.SHUTTER MANUFACTURER LABEL SHALL BE LOCATED IN A READILY VISIBLE LOCATION, PER FBC CHAPTER 17.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. REFER TO ANCHOR SCHEDULE CHARTS ON SHEETS 7, 8, 9, 10, 11, 12, 14 AND 17 FOR ANCHOR TYPE, SUBSTRATE TYPE, EDGE DISTANCE AND MINIMUM EMBEDMENT.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
6. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
7. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
8. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI. SEE ANCHOR SCHEDULES, SHEETS 7, 8, 9, 11, 12, 14 AND 17 FOR ADDITIONAL REQUIREMENTS.

C. GROUT FILLED MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MIN 2000 PSI.

D. STEEL - MINIMUM A36, 3⁄16" THICKNESS

E. ALUMINUM - MINIMUM 6063-T6 1⁄4" THICKNESS.

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TITLE: STORM TEX WITH FLEX TRACK  
SCREEN SYSTEM  
(HVHZ) (IMPACT)

GENERAL & INSTALLATION NOTES

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Reason: I am approving this document  
Date: 2024.10.23 17:54:25 -0400



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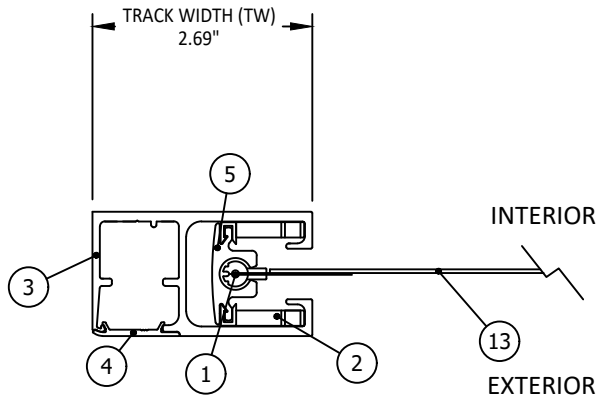
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DESIGN PRESSURE RATINGS

| TABLE 1 - MAX ALLOWABLE DESIGN PRESSURE |          |          |
|-----------------------------------------|----------|----------|
| SHUTTER WIDTH                           | POSITIVE | NEGATIVE |
| 288.0                                   | 35.0     | 35.0     |
| 264.0                                   | 46.2     | 46.2     |
| 240.0                                   | 57.5     | 57.5     |
| 216.0                                   | 68.7     | 68.7     |
| 192.0                                   | 80.0     | 80.0     |
| 180.0                                   | 85.0     | 85.0     |
| 168.0                                   | 90.0     | 90.0     |
| 156.0                                   | 95.0     | 95.0     |
| 144.0                                   | 100.0    | 100.0    |
| 132.0                                   | 105.0    | 105.0    |
| 120.0                                   | 110.0    | 110.0    |
| 108.0                                   | 115.0    | 115.0    |
| 96.0                                    | 120.0    | 120.0    |



SIDE TRACK ASSEMBLY

| TABLE 2: GLASS SEPARATION (GS) INCHES - TWITCHELL OMEGA TEX |                    |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------------------------------------------------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| LOAD (PSF)                                                  | SHUTTER WIDTH (IN) |       |       |       |       |       |       |       |       |       |       |       |       |
|                                                             | 96                 | 108   | 120   | 132   | 144   | 156   | 168   | 180   | 192   | 216   | 240   | 264   | 288   |
| 35                                                          | 6.25               | 11.00 | 11.00 | 11.00 | 12.00 | 13.50 | 15.00 | 16.50 | 18.00 | 21.00 | 24.00 | 26.75 | 29.75 |
| 45                                                          | 6.75               | 11.00 | 11.00 | 11.25 | 12.75 | 14.25 | 15.75 | 17.25 | 19.00 | 23.25 | 27.25 | 31.25 | -     |
| 55                                                          | 7.50               | 11.00 | 11.00 | 12.00 | 13.50 | 15.25 | 16.75 | 18.25 | 20.00 | 25.25 | 30.50 | -     | -     |
| 65                                                          | 8.25               | 11.00 | 11.25 | 12.75 | 14.50 | 16.00 | 17.50 | 19.00 | 21.00 | 27.50 | -     | -     | -     |
| 80                                                          | 9.25               | 11.00 | 12.50 | 14.00 | 15.50 | 17.25 | 18.75 | 20.50 | 22.50 | -     | -     | -     | -     |
| 85                                                          | 9.50               | 11.00 | 12.75 | 14.50 | 16.00 | 17.75 | 19.25 | 21.00 | -     | -     | -     | -     | -     |
| 90                                                          | 9.75               | 11.50 | 13.00 | 14.75 | 16.50 | 18.00 | 19.75 | -     | -     | -     | -     | -     | -     |
| 95                                                          | 10.25              | 11.75 | 13.50 | 15.25 | 16.75 | 18.50 | -     | -     | -     | -     | -     | -     | -     |
| 100                                                         | 10.50              | 12.25 | 13.75 | 15.50 | 17.25 | -     | -     | -     | -     | -     | -     | -     | -     |
| 105                                                         | 10.75              | 12.50 | 14.25 | 16.00 | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 110                                                         | 11.00              | 12.75 | 14.50 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 115                                                         | 11.50              | 13.25 | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |
| 120                                                         | 11.75              | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |

- NOTES:
- 1. MINIMUM GLASS SEPARATION BASED ON MAXIMUM DEFLECTION + 1".
  - 2. ANALYSIS IS LIMITED BY DEFLECTION UNDER STRUCTURAL LOADS AS WELL AS DEFLECTION DUE TO MISSILE LEVEL D LARGE MISSILE IMPACTS.
  - 3. APPROPRIATE INSTALLATION METHOD SHALL BE USED TO ACHIEVE THE REQUIRED SEPARATION IN THE ABOVE TABLE.
  - 4. GLASS SEPARATION REQUIRED IN HVHZ AREAS. GLASS SEPARATION REQUIREMENTS TO BE DETERMINED BY AHJ OUTSIDE OF HVHZ REGION.



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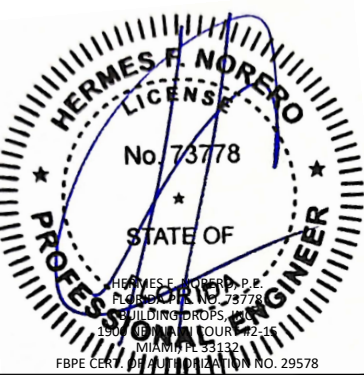
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SCREEN SYSTEM  
(HVHZ) (IMPACT)  
ELEVATION & DESIGN PRESSURE  
TABLE

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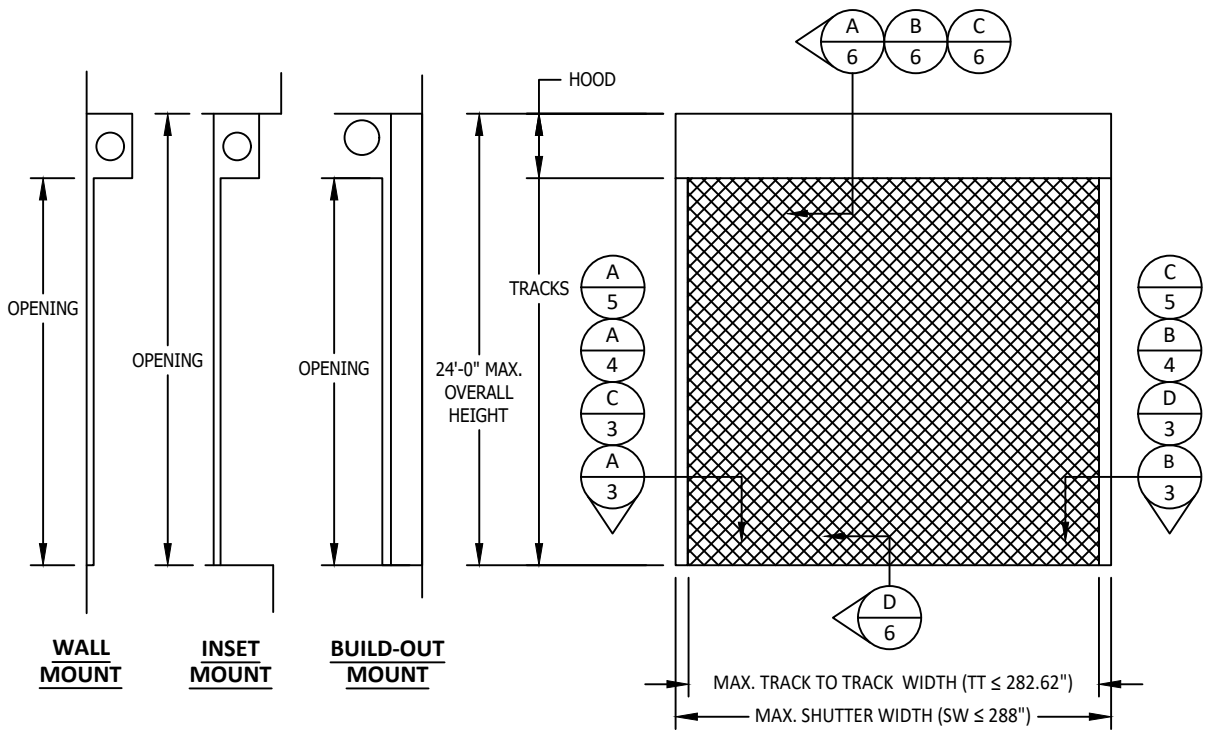
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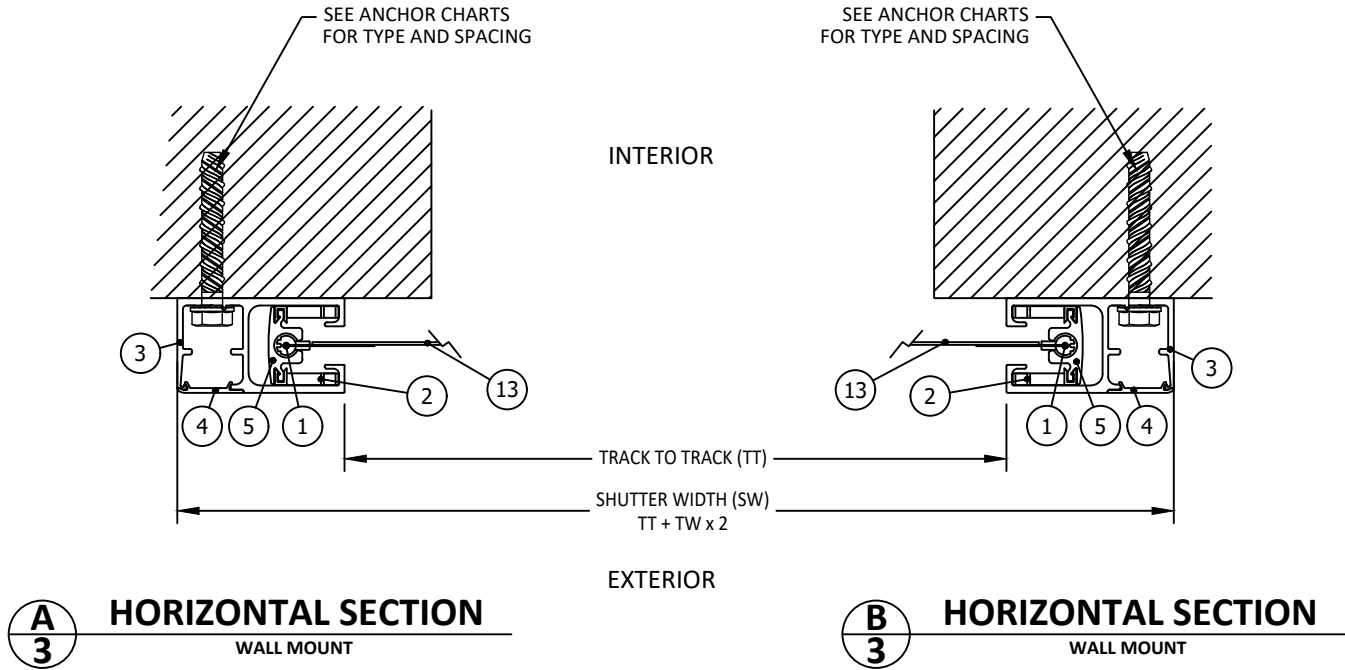
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TYPICAL SINGLE UNIT ELEVATION  
WALL AND INSET MOUNT DETAILS

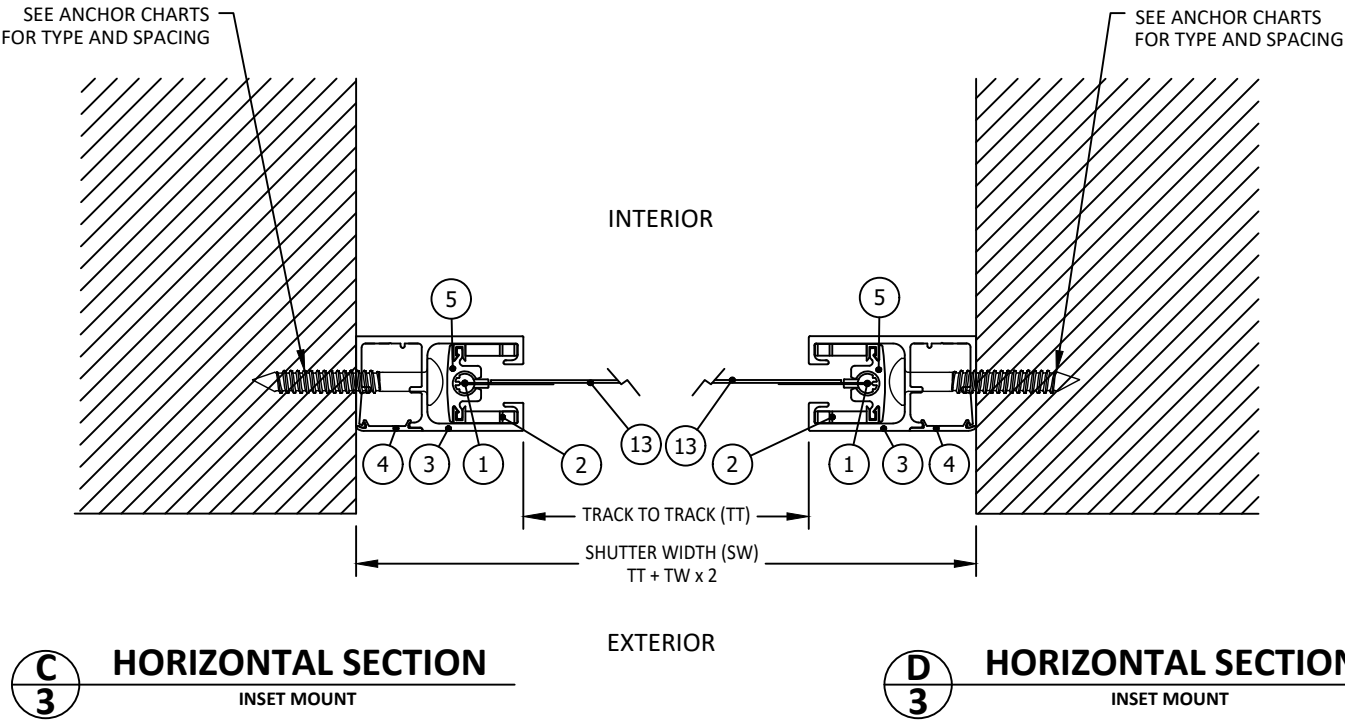


REVERSED INSTALLATION  
IS ACCEPTABLE

COMBINATION MOUNTED:  
WALL, INSET, AND BUILD-OUT  
MOUNTS CAN BE INSTALLED BY MIXING  
ANY POSSIBLE COMBINATIONS



SEE DETAILS ON SHEETS 7-12 FOR  
ANCHOR REQUIREMENTS



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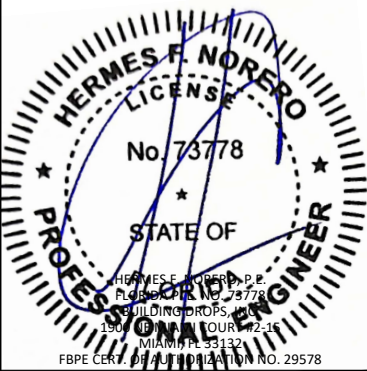
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SCREEN SYSTEM  
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TYP. SINGLE UNIT  
HORIZONTAL SECTIONS

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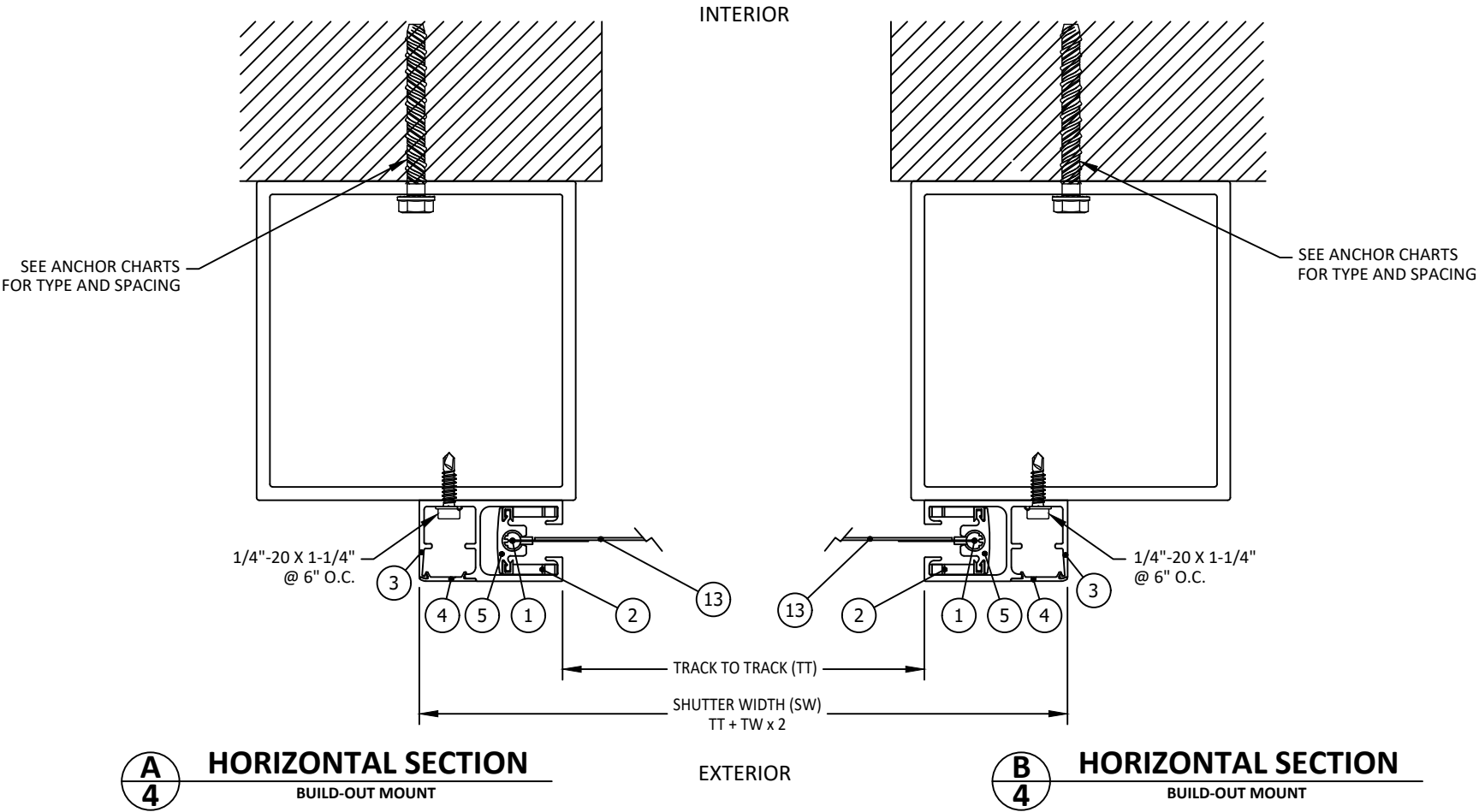


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BUILD OUT MOUNT DETAILS



SEE DETAILS ON SHEETS 7-12 FOR ANCHOR REQUIREMENTS

COMBINATION MOUNTED:  
WALL, INSET AND BUILD-OUT  
MOUNTS CAN BE INSTALLED BY MIXING  
ANY POSSIBLE COMBINATIONS



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BUILD OUT MOUNT DETAILS

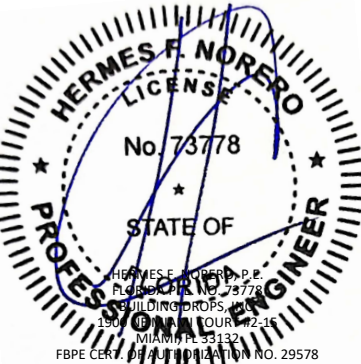
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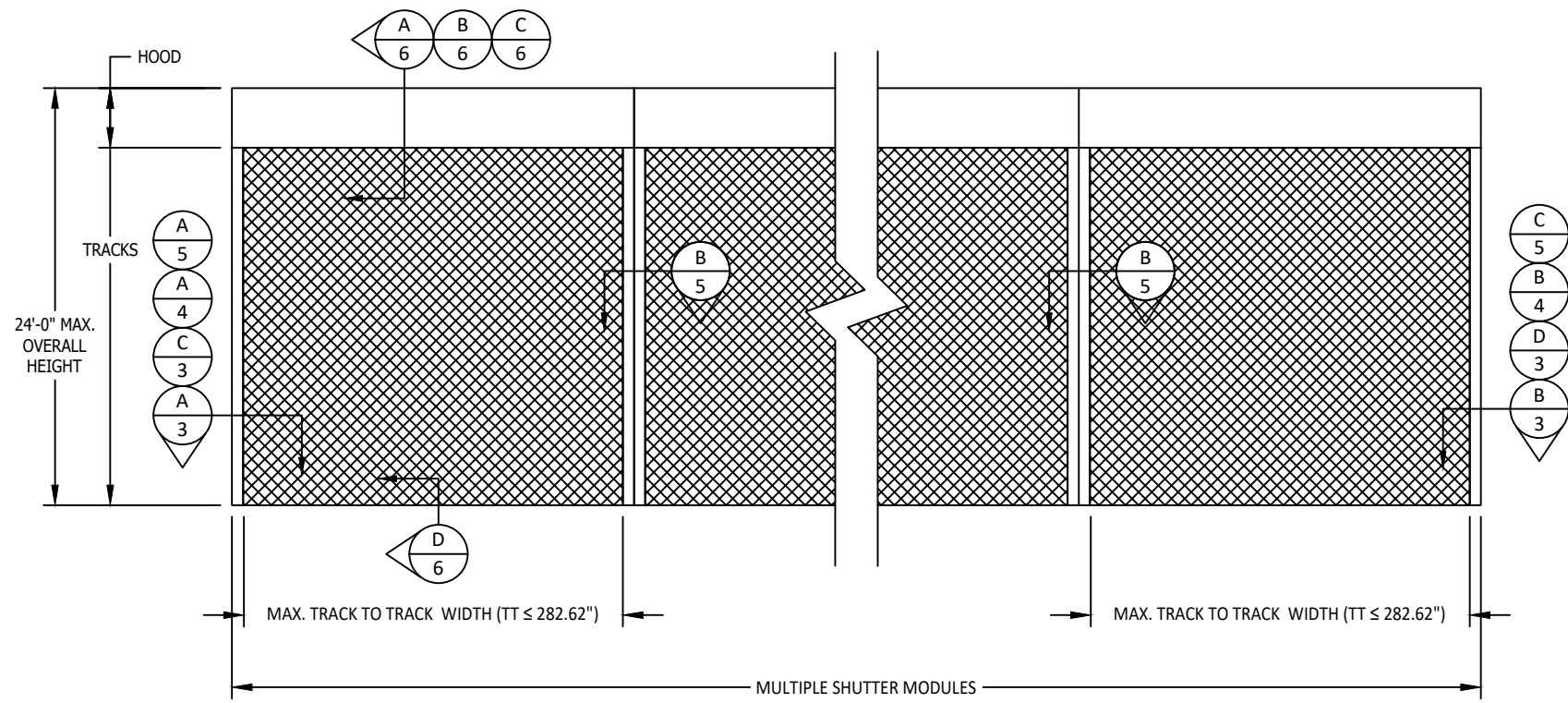


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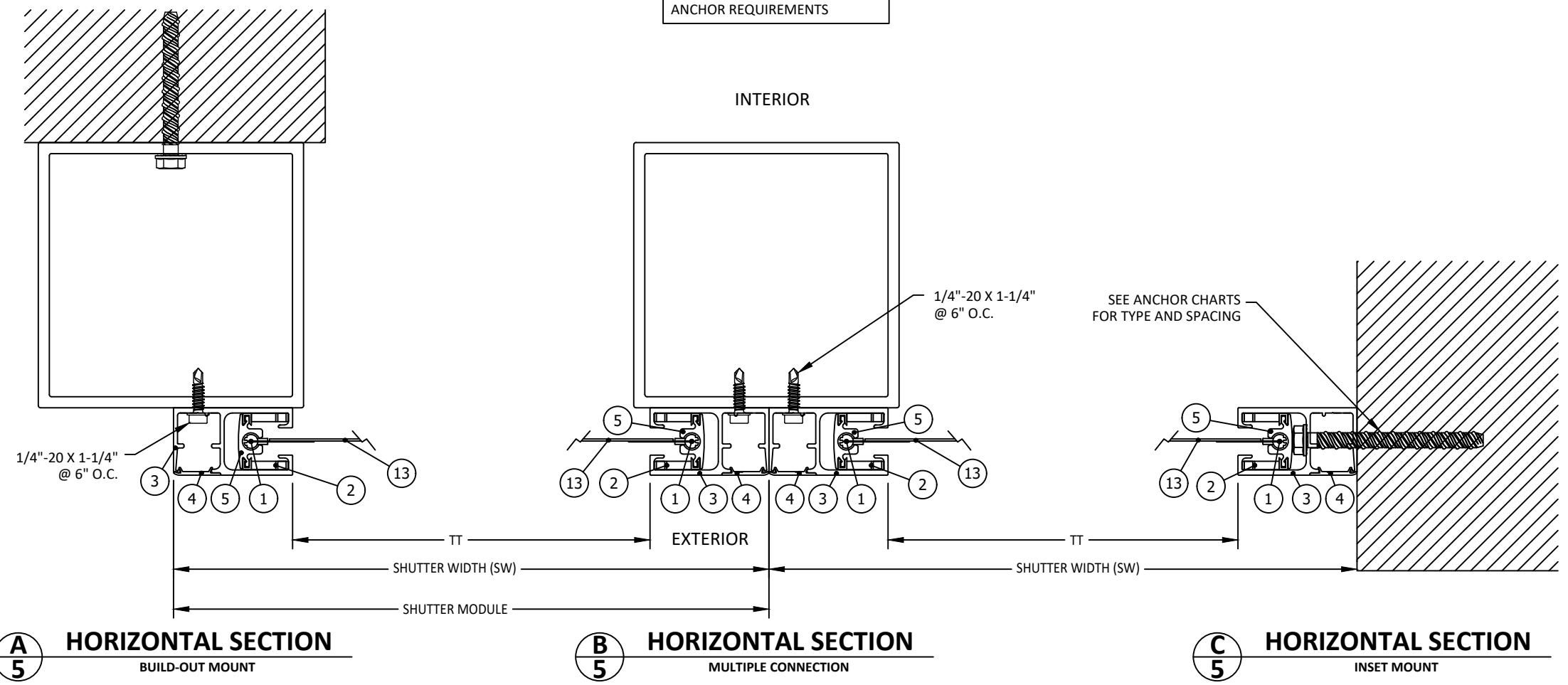
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TYPICAL MULTIPLE UNITS ELEVATION



SEE DETAILS ON SHEETS 7-12 FOR ANCHOR REQUIREMENTS



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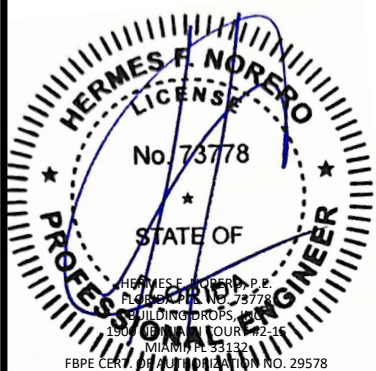
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MULTIPLE UNITS  
HORIZONTAL SECTIONS

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UNITED, INC

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(HVHZ) (IMPACT)**

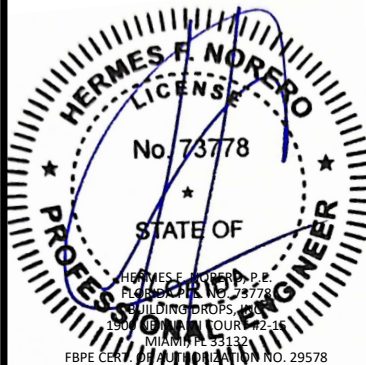
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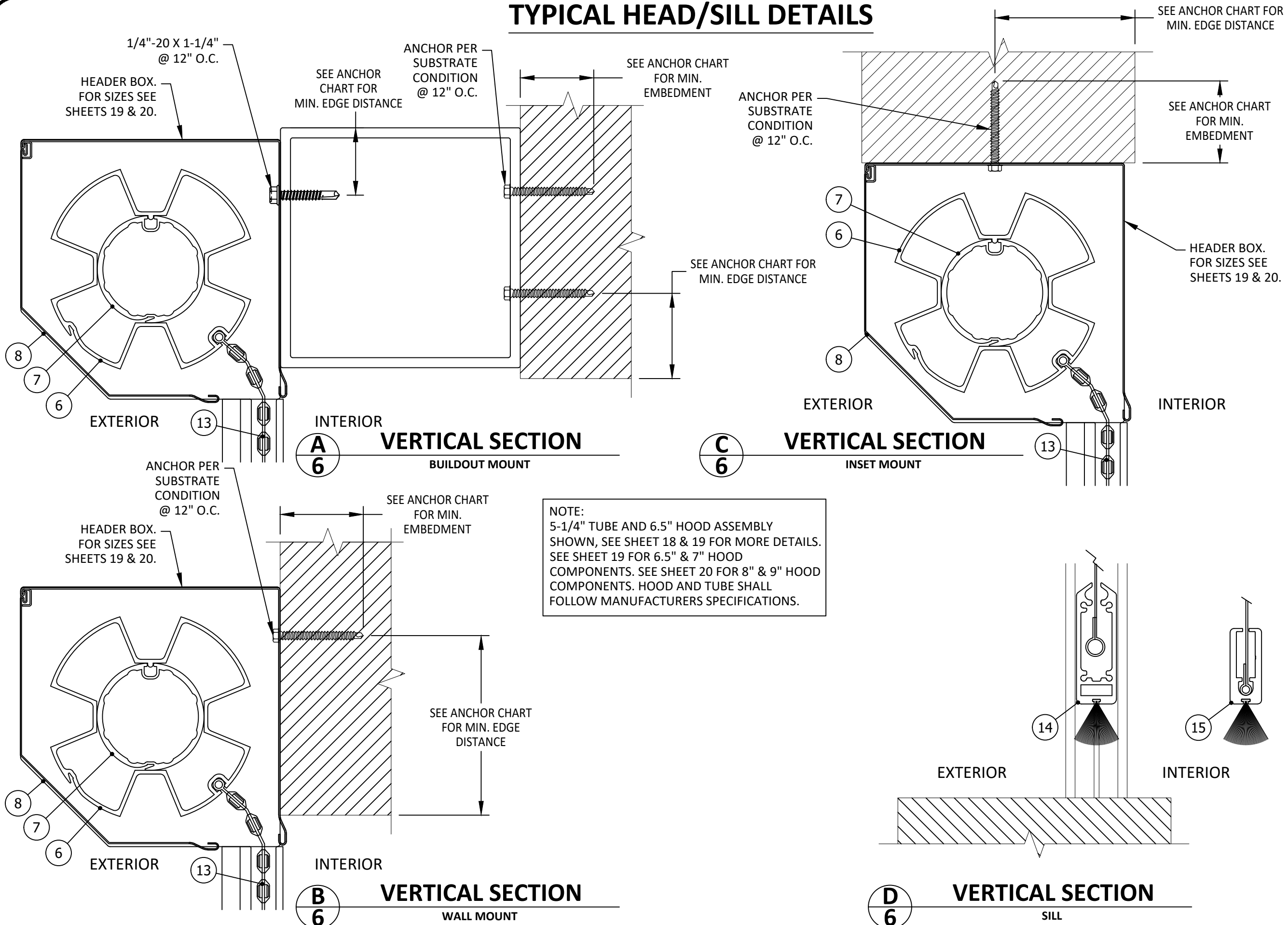
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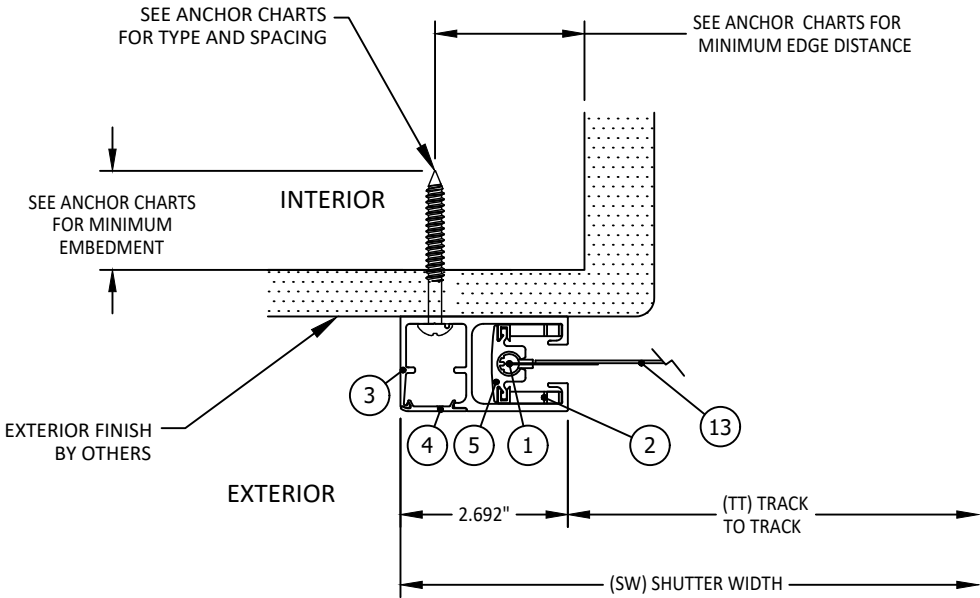


NOTE:  
5-1/4" TUBE AND 6.5" HOOD ASSEMBLY  
SHOWN, SEE SHEET 18 & 19 FOR MORE DETAILS.  
SEE SHEET 19 FOR 6.5" & 7" HOOD  
COMPONENTS. SEE SHEET 20 FOR 8" & 9" HOOD  
COMPONENTS. HOOD AND TUBE SHALL  
FOLLOW MANUFACTURERS SPECIFICATIONS.

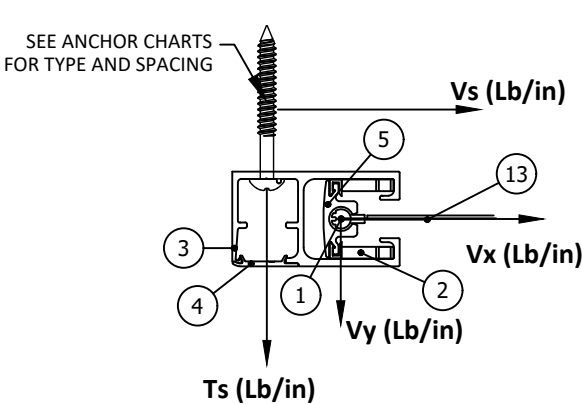
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| TABLE 3 - ANCHOR SPACING |      |      |      |       |       | ANCHOR TYPE & SPACING<br>WALL - MOUNT 1 |   |   |   |   |   | ANCHOR TYPE & SPACING<br>1X2, 2X3 OR 2X4 BO - MOUNT 2 |   |   |   |   |   | ANCHOR TYPE & SPACING<br>2X2, 4X4 OR 6X6 BO - MOUNT 2 |   |   |   |   |   |   |
|--------------------------|------|------|------|-------|-------|-----------------------------------------|---|---|---|---|---|-------------------------------------------------------|---|---|---|---|---|-------------------------------------------------------|---|---|---|---|---|---|
| FW                       | DP   | VY   | VX   | Vs    | Ts    | A                                       | B | C | D | E | F | A                                                     | B | C | D | E | F | A                                                     | B | C | D | E | F |   |
| 96                       | 35   | 11.7 | 50.3 | 50.3  | 155.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 |   |
|                          | 40   | 13.3 | 54.1 | 54.1  | 168.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 |   |
|                          | 45   | 15.0 | 57.5 | 57.5  | 180.6 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 6 | 6 | 6 |   |
|                          | 50   | 16.7 | 60.6 | 60.6  | 191.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 5 | 5 | 5 | 5 |   |
|                          | 55   | 18.3 | 63.3 | 63.3  | 201.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 4 | 5 | 5 | 5 |   |
|                          | 60   | 20.0 | 65.8 | 65.8  | 210.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 4                                                     | 5 | 4 | 5 | 4 | 5 |   |
|                          | 65   | 21.7 | 68.1 | 68.1  | 219.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 4 | 4 | 4 | 4 |   |
|                          | 70   | 23.3 | 70.1 | 70.1  | 227.5 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6                                                     | 4 | 4 | 3 | 4 | 4 | 4 |
|                          | 75   | 25.0 | 72.0 | 72.0  | 235.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6                                                     | 3 | 4 | 3 | 4 | 3 | 4 |
|                          | 80   | 26.7 | 73.8 | 73.8  | 242.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6                                                     | 3 | 4 | 3 | 4 | 3 | 4 |
|                          | 85   | 28.3 | 75.4 | 75.4  | 249.3 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 4 | 6 | 6 | 6                                                     | 3 | 3 | 3 | 3 | 3 | 3 |
|                          | 90   | 30.0 | 76.9 | 76.9  | 255.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 4 | 6 | 6 | 6                                                     | 3 | 3 | 3 | 3 | 3 | 3 |
|                          | 95   | 31.7 | 78.2 | 78.2  | 262.1 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 4 | 6 | 6 | 5                                                     | 3 | 3 | - | 3 | 3 | 3 |
|                          | 100  | 33.3 | 79.5 | 79.5  | 268.0 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 4 | 5 | 5 | 5                                                     | 3 | 3 | - | 3 | 3 | 3 |
|                          | 105  | 35.0 | 80.7 | 80.7  | 273.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 4 | 5 | 5 | 5                                                     | 3 | 3 | - | 3 | 3 | 3 |
| 110                      | 36.7 | 81.9 | 81.9 | 279.3 | 6     | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 4 | 5 | 5 | 5 | -                                                     | 3 | - | 3 | - | 3 |   |
| 115                      | 38.3 | 82.9 | 82.9 | 284.7 | 6     | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 5 | 5 | 5 | -                                                     | 3 | - | 3 | - | 3 |   |
| 102                      | 35   | 12.4 | 50.0 | 50.0  | 156.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 |   |
|                          | 40   | 14.2 | 54.2 | 54.2  | 170.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 |   |
|                          | 45   | 15.9 | 57.9 | 57.9  | 183.0 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6 |
|                          | 50   | 17.7 | 61.2 | 61.2  | 194.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 5 | 5 | 4 | 5 | 5 | 5 |
|                          | 55   | 19.5 | 64.3 | 64.3  | 205.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 4 | 5 | 4 | 5 | 4 | 5 |
|                          | 60   | 21.3 | 67.0 | 67.0  | 216.0 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 4 | 4 | 4 | 4 | 4 | 4 |
|                          | 65   | 23.0 | 69.6 | 69.6  | 225.6 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6                                                     | 4 | 4 | 3 | 4 | 4 | 4 |
|                          | 70   | 24.8 | 71.9 | 71.9  | 234.6 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6                                                     | 3 | 4 | 3 | 4 | 3 | 4 |
|                          | 75   | 26.6 | 74.1 | 74.1  | 243.1 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6                                                     | 3 | 3 | 3 | 3 | 3 | 3 |
|                          | 80   | 28.3 | 76.1 | 76.1  | 251.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 4 | 6 | 6 | 6                                                     | 3 | 3 | 3 | 3 | 3 | 3 |
|                          | 85   | 30.1 | 77.9 | 77.9  | 258.9 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 4 | 6 | 6 | 6                                                     | 3 | 3 | 3 | 3 | 3 | 3 |
|                          | 90   | 31.9 | 79.6 | 79.6  | 266.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 4 | 5 | 5 | 5                                                     | 3 | 3 | - | 3 | 3 | 3 |
|                          | 95   | 33.6 | 81.2 | 81.2  | 273.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 4 | 5 | 5 | 5                                                     | 3 | 3 | - | 3 | 3 | 3 |
|                          | 100  | 35.4 | 82.7 | 82.7  | 279.9 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 5 | 5 | 4 | 5 | 5 | 5                                                     | - | 3 | - | 3 | - | 3 |
|                          | 105  | 37.2 | 84.2 | 84.2  | 286.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 5 | 5 | 3 | 5 | 5 | 5                                                     | - | 3 | - | 3 | - | 3 |
| 110                      | 39.0 | 85.5 | 85.5 | 292.6 | 6     | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
| 115                      | 40.7 | 86.7 | 86.7 | 298.6 | 6     | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
| 108                      | 35   | 13.1 | 50.2 | 50.2  | 157.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 |   |
|                          | 40   | 15.0 | 54.6 | 54.6  | 172.5 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6 |
|                          | 45   | 16.9 | 58.5 | 58.5  | 186.1 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 5 | 6 | 5 | 6 | 5 | 6 |
|                          | 50   | 18.8 | 62.1 | 62.1  | 198.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 5 | 5 | 4 | 5 | 5 | 5 |
|                          | 55   | 20.6 | 65.4 | 65.4  | 210.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 4 | 5 | 4 | 5 | 4 | 5 |
|                          | 60   | 22.5 | 68.5 | 68.5  | 221.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6                                                     | 4 | 4 | 3 | 4 | 4 | 4 |
|                          | 65   | 24.4 | 71.3 | 71.3  | 232.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6                                                     | 4 | 4 | 3 | 4 | 4 | 4 |
|                          | 70   | 26.3 | 73.9 | 73.9  | 242.1 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 5 | 6 | 6 | 6                                                     | 3 | 4 | 3 | 4 | 3 | 4 |
|                          | 75   | 28.1 | 76.3 | 76.3  | 251.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 4 | 6 | 6 | 6                                                     | 3 | 3 | 3 | 3 | 3 | 3 |
|                          | 80   | 30.0 | 78.5 | 78.5  | 260.3 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 4 | 6 | 6 | 5                                                     | 3 | 3 | 3 | 3 | 3 | 3 |
|                          | 85   | 31.9 | 80.6 | 80.6  | 268.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 4 | 5 | 5 | 5                                                     | 3 | 3 | - | 3 | 3 | 3 |
|                          | 90   | 33.8 | 82.5 | 82.5  | 276.9 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 4 | 5 | 5 | 5                                                     | 3 | 3 | - | 3 | 3 | 3 |
|                          | 95   | 35.6 | 84.3 | 84.3  | 284.6 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 5 | 5 | 3 | 5 | 5 | 5                                                     | - | 3 | - | 3 | - | 3 |
|                          | 100  | 37.5 | 86.0 | 86.0  | 292.0 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 5 | 5 | 3 | 5 | 4 | 4                                                     | - | - | - | - | - | - |
|                          | 105  | 39.4 | 87.6 | 87.6  | 299.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 5 | 5 | 3 | 4 | 4 | 4                                                     | - | - | - | - | - | - |
| 110                      | 41.3 | 89.1 | 89.1 | 306.1 | 6     | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
| 115                      | 43.1 | 90.6 | 90.6 | 312.7 | 6     | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |

TYPICAL HORIZONTAL SECTIONS  
WALL MOUNT



**A7**  
**HORIZONTAL SECTION**  
**MOUNT TYPE 1**  
**WALL MOUNT**  
**\*WITH END RETENTION**



**CONTRACTOR TO VERIFY ADEQUACY OF STRUCTURE**  
**NOTE: LOADS Vy AND Vx ARE LOADS IMPOSED BY TRACK ON HOUSING. LOADS Ts AND Vs ARE LOADS IMPOSED ON STRUCTURE BY ANCHORS.**

| ANCHOR | DESCRIPTION                                   | MATERIAL                                | EDGE DISTANCE | EMBEDMENT             |
|--------|-----------------------------------------------|-----------------------------------------|---------------|-----------------------|
| A      | 3/8" DEWALT/POWERS WEDGE BOLT                 | MIN. 3000 PSI CONCRETE                  | 3 3/4"        | 3 1/2"                |
| B      | 5/16" ITW TAPCON                              | MIN. 3000 PSI CONCRETE                  | 2 3/16"       | 2 1/4"                |
| C      | 3/8" DEWALT/POWERS WEDGE BOLT                 | GROUT FILLED C-90 BLOCK, f'm ≥ 2000 PSI | 2"            | 2 1/2"                |
| D      | 5/16" ITW TAPCON                              | GROUT FILLED C-90 BLOCK, f'm ≥ 2000 PSI | 4"            | 2 1/4"                |
| E      | #14 DEWALT/ELCO DRIL-FLEX SELF-DRILLING SCREW | MIN. 1/4" 6063-T6 ALUM.                 | 1/2"          | 3 THREADS PENETRATION |
|        |                                               | MIN. 3/16" A36 STEEL                    | 3/8"          |                       |
| F      | 5/16" DEWALT/ELCO ULTRACON                    | WOOD, MIN. SG = 0.55                    | 1 1/2"        | 2"                    |



117 DIXON STREET  
SELBYVILLE, DE 19975  
PH: (302) 436-6005

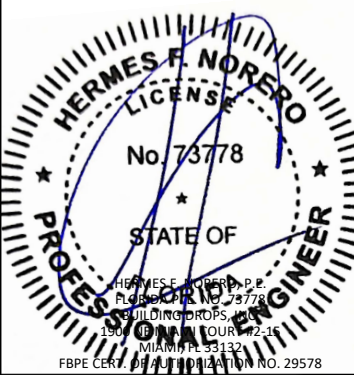
TITLE: STORM TEX WITH FLEX TRACK  
SCREEN SYSTEM  
(HVHZ) (IMPACT)  
HORIZONTAL SECTIONS &  
ANCHOR SCHEDULE

PREPARED BY:  
BUILDING DROPS, INC.  
1300 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744-4738  
WEB: www.buildingdrops.com



| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



**FL47087**

DATE: 10.04.2024

DWG. BY:  
DI

CHK. BY:  
HFN

SCALE: NTS

DWG. #: ALU007

SHEET: OF 21

7

SEE ANCHOR CHARTS FOR TYPE AND SPACING

SEE ANCHOR CHARTS FOR MINIMUM EMBEDMENT

EQ

EQ

NOTE:  
BUILD OUT OR BUILD IN  
INSTALLATION IS  
ACCEPTABLE

EXTERIOR  
FINISH  
BY OTHERS

1/4" - 1X2 OR 2X2 OR 2X3 OR 2X4 OR 4X4 OR 6X6  
(6063-T6 ALUMINUM)

1/8" - 1X2 OR 2X2 OR 2X3  
(6063-T6 ALUMINUM)

INTERIOR

1/4"-20 X 1-1/4"  
@ 6" MAX. O.C.

3

4

5

1

2

13

EXTERIOR

2.692"

(TT) TRACK  
TO TRACK

(SW) SHUTTER WIDTH

**8**

**MOUNT TYPE 2  
BUILD-OUT MOUNT**  
\*WITH END RETENTION

SEE ANCHOR CHARTS  
FOR TYPE AND SPACING

$V_s$  (Lb/in)

$T_s$  (Lb/in)

$V_x$  (Lb/in)

$V_y$  (Lb/in)

1/4"-20 X 1-1/4"  
@ 6" MAX. O.C.

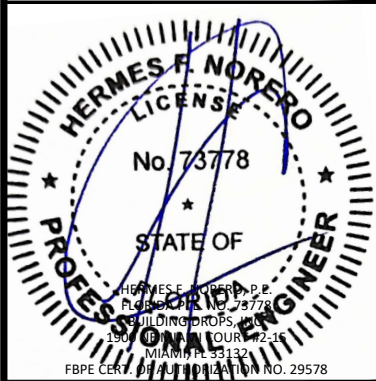
CONTRACTOR TO VERIFY ADEQUACY OF STRUCTURE  
NOTE: LOADS  $V_y$  AND  $V_x$  ARE LOADS IMPOSED BY  
TRACK ON HOUSING. LOADS  $T_s$  AND  $V_s$  ARE LOADS  
IMPOSED ON STRUCTURE BY ANCHORS.

The diagram illustrates the Mount Type 2 Build-Out Mount assembly. It shows a cross-section of the housing and track. Key components and load points are labeled with circled numbers 1 through 13. Load  $T_s$  (Lb/in) is shown as a downward force on the top track. Load  $V_s$  (Lb/in) is shown as a horizontal force on the top track. Load  $V_x$  (Lb/in) is shown as a horizontal force on the bottom track. Load  $V_y$  (Lb/in) is shown as a downward force on the bottom track. A callout points to the anchor bolts with the text '1/4"-20 X 1-1/4" @ 6" MAX. O.C.'. Another callout points to the top track with the text 'SEE ANCHOR CHARTS FOR TYPE AND SPACING'. A note at the bottom right states: 'CONTRACTOR TO VERIFY ADEQUACY OF STRUCTURE NOTE: LOADS  $V_y$  AND  $V_x$  ARE LOADS IMPOSED BY TRACK ON HOUSING. LOADS  $T_s$  AND  $V_s$  ARE LOADS IMPOSED ON STRUCTURE BY ANCHORS.'

| ANCHOR | DESCRIPTION                                   | MATERIAL                                | EDGE DISTANCE | EMBEDMENT             |
|--------|-----------------------------------------------|-----------------------------------------|---------------|-----------------------|
| A      | 3/8" DEWALT/POWERS WEDGE BOLT                 | MIN. 3000 PSI CONCRETE                  | 3 3/4"        | 3 1/2"                |
| B      | 5/16" ITW TAPCON                              | MIN. 3000 PSI CONCRETE                  | 2 3/16"       | 2 1/4"                |
| C      | 3/8" DEWALT/POWERS WEDGE BOLT                 | GROUT FILLED C-90 BLOCK, f'm ≥ 2000 PSI | 2"            | 2 1/2"                |
| D      | 5/16" ITW TAPCON                              | GROUT FILLED C-90 BLOCK, f'm ≥ 2000 PSI | 4"            | 2 1/4"                |
| E      | #14 DEWALT/ELCO DRIL-FLEX SELF-DRILLING SCREW | MIN. 1/4" 6063-T6 ALUM.                 | 1/2"          | 3 THREADS PENETRATION |
|        |                                               | MIN. 3/16" A36 STEEL                    | 3/8"          |                       |
| F      | 5/16" DEWALT/ELCO ULTRACON                    | WOOD, MIN. SG = 0.55                    | 1 1/2"        | 2"                    |

| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL47087

DATE: 10.04.2024

DWG. BY  
DI

CHK. BY:  
HFN

SCALE: NTS

DWG. #: **ALU007**

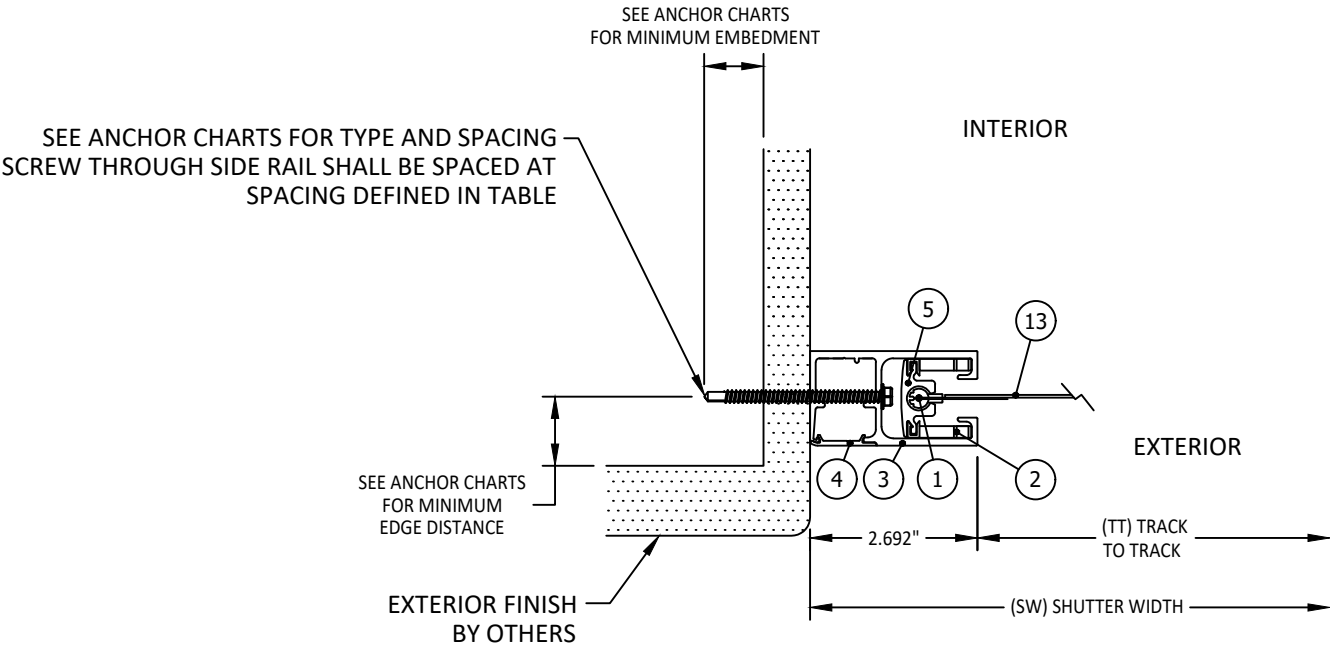
SHEET: OF 21

| TABLE 3 - ANCHOR SPACING |      |       |       |       |       | ANCHOR TYPE & SPACING<br>WALL - MOUNT 1 |   |   |   |   |   | ANCHOR TYPE & SPACING<br>1X2, 2X3 OR 2X4 BO - MOUNT 2 |   |   |   |   |   | ANCHOR TYPE & SPACING<br>2X2, 4X4 OR 6X6 BO - MOUNT 2 |   |   |   |   |   |   |
|--------------------------|------|-------|-------|-------|-------|-----------------------------------------|---|---|---|---|---|-------------------------------------------------------|---|---|---|---|---|-------------------------------------------------------|---|---|---|---|---|---|
| FW                       | DP   | VY    | VX    | Vs    | Ts    | A                                       | B | C | D | E | F | A                                                     | B | C | D | E | F | A                                                     | B | C | D | E | F |   |
| 144                      | 35   | 17.5  | 54.8  | 54.8  | 176.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 6 | 6 | 6 | 6 |
|                          | 40   | 20.0  | 60.4  | 60.4  | 196.0 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 4 | 5 | 5 | 5 |   |
|                          | 45   | 22.5  | 65.7  | 65.7  | 214.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 4 | 4 | 4 | 4 |   |
|                          | 50   | 25.0  | 70.6  | 70.6  | 231.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 |   |
|                          | 55   | 27.5  | 75.3  | 75.3  | 247.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 6 | 6 | 6 | 3                                                     | 3 | 3 | 3 | 3 | 3 |   |
|                          | 60   | 30.0  | 79.6  | 79.6  | 263.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 5 | 5 | 5 | 3                                                     | 3 | - | 3 | 3 | 3 |   |
|                          | 65   | 32.5  | 83.7  | 83.7  | 278.3 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 5 | 4 | 5 | 5 | 5 | -                                                     | 3 | - | 3 | - | 3 |   |
|                          | 70   | 35.0  | 87.5  | 87.5  | 292.5 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 5 | 5 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 75   | 37.5  | 91.2  | 91.2  | 306.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 80   | 40.0  | 94.6  | 94.6  | 319.3 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 85   | 42.5  | 97.8  | 97.8  | 331.9 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 3 | -                                                     | - | - | - | - | - |   |
| 90                       | 45.0 | 100.9 | 100.9 | 344.0 | 6     | 6                                       | 6 | 6 | 6 | 6 | 4 | 4                                                     | - | 3 | 3 | 3 | - | -                                                     | - | - | - | - |   |   |
| 95                       | 47.5 | 103.9 | 103.9 | 355.8 | 6     | 6                                       | 6 | 6 | 6 | 6 | 3 | 3                                                     | - | 3 | 3 | 3 | - | -                                                     | - | - | - | - |   |   |
| 100                      | 50.0 | 106.6 | 106.6 | 367.1 | 6     | 6                                       | 6 | 6 | 6 | 6 | 3 | 3                                                     | - | 3 | 3 | 3 | - | -                                                     | - | - | - | - |   |   |
| 156                      | 35   | 19.0  | 57.0  | 57.0  | 185.0 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 5 | 6                                                     | 5 | 6 | 5 | 6 | 6 |   |
|                          | 40   | 21.7  | 63.1  | 63.1  | 205.6 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 4 | 5                                                     | 4 | 5 | 4 | 5 | 5 |   |
|                          | 45   | 24.4  | 68.7  | 68.7  | 225.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 |   |
|                          | 50   | 27.1  | 74.1  | 74.1  | 243.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 6 | 6 | 6 | 3                                                     | 3 | 3 | 3 | 3 | 3 |   |
|                          | 55   | 29.8  | 79.1  | 79.1  | 261.6 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 6 | 6 | 5 | 3                                                     | 3 | - | 3 | 3 | 3 |   |
|                          | 60   | 32.5  | 83.8  | 83.8  | 278.6 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 5 | 4 | 5 | 5 | 5 | -                                                     | 3 | - | 3 | - | 3 |   |
|                          | 65   | 35.2  | 88.3  | 88.3  | 294.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 70   | 37.9  | 92.5  | 92.5  | 310.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 75   | 40.6  | 96.5  | 96.5  | 325.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 80   | 43.3  | 100.3 | 100.3 | 339.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | - | 3 | 3 | 3 | -                                                     | - | - | - | - | - |   |
|                          | 85   | 46.0  | 103.9 | 103.9 | 353.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 3                                                     | 3 | - | 3 | 3 | 3 | -                                                     | - | - | - | - | - |   |
| 90                       | 48.8 | 107.3 | 107.3 | 367.1 | 6     | 6                                       | 6 | 6 | 6 | 6 | 3 | 3                                                     | - | 3 | 3 | 3 | - | -                                                     | - | - | - | - |   |   |
| 95                       | 51.5 | 110.6 | 110.6 | 380.1 | 6     | 6                                       | 5 | 6 | 6 | 6 | 3 | 3                                                     | - | 3 | 3 | 3 | - | -                                                     | - | - | - | - |   |   |
| 168                      | 35   | 19.0  | 59.4  | 59.4  | 191.5 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 5 | 5                                                     | 5 | 5 | 5 | 5 | 5 |   |
|                          | 40   | 21.7  | 65.8  | 65.8  | 213.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 4 | 4                                                     | 4 | 4 | 4 | 4 | 4 |   |
|                          | 45   | 24.4  | 71.9  | 71.9  | 233.9 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 |   |
|                          | 50   | 27.1  | 77.6  | 77.6  | 253.6 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 6 | 6 | 6 | 3                                                     | 3 | 3 | 3 | 3 | 3 |   |
|                          | 55   | 29.8  | 83.0  | 83.0  | 272.5 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 5 | 5 | 5 | 3                                                     | 3 | - | 3 | 3 | 3 |   |
|                          | 60   | 32.5  | 88.1  | 88.1  | 290.5 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 5 | 5 | 5 | -                                                     | - | - | - | - | - |   |
|                          | 65   | 35.2  | 92.9  | 92.9  | 307.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 70   | 37.9  | 97.5  | 97.5  | 324.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 75   | 40.6  | 101.9 | 101.9 | 340.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | - | 3 | 3 | 3 | -                                                     | - | - | - | - | - |   |
|                          | 80   | 43.3  | 106.1 | 106.1 | 355.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 3                                                     | 3 | - | 3 | 3 | 3 | -                                                     | - | - | - | - | - |   |
|                          | 85   | 46.0  | 110.0 | 110.0 | 370.6 | 6                                       | 6 | 5 | 6 | 6 | 6 | 3                                                     | 3 | - | 3 | 3 | 3 | -                                                     | - | - | - | - | - |   |
| 90                       | 48.8 | 113.8 | 113.8 | 385.0 | 6     | 6                                       | 5 | 6 | 6 | 6 | 3 | 3                                                     | - | 3 | 3 | 3 | - | -                                                     | - | - | - | - |   |   |
| 180                      | 35   | 21.9  | 61.9  | 61.9  | 202.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 5 | 5                                                     | 4 | 5 | 5 | 5 | 5 |   |
|                          | 40   | 25.0  | 68.7  | 68.7  | 226.0 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 |   |
|                          | 45   | 28.1  | 75.2  | 75.2  | 248.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 6 | 6 | 6 | 3                                                     | 3 | 3 | 3 | 3 | 3 |   |
|                          | 50   | 31.3  | 81.3  | 81.3  | 269.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 5 | 5 | 5 | 3                                                     | 3 | - | 3 | 3 | 3 |   |
|                          | 55   | 34.4  | 87.0  | 87.0  | 290.3 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 5 | 5 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 60   | 37.5  | 92.5  | 92.5  | 309.9 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 65   | 40.6  | 97.7  | 97.7  | 328.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |   |
|                          | 70   | 43.8  | 102.7 | 102.7 | 347.1 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 3 | - | 3 | 3 | 3 | -                                                     | - | - | - | - | - |   |
|                          | 75   | 46.9  | 107.4 | 107.4 | 364.6 | 6                                       | 6 | 6 | 6 | 6 | 6 | 3                                                     | 3 | - | 3 | 3 | 3 | -                                                     | - | - | - | - | - |   |
| 80                       | 50.0 | 111.9 | 111.9 | 381.6 | 6     | 6                                       | 5 | 6 | 6 | 6 | 3 | 3                                                     | - | 3 | 3 | 3 | - | -                                                     | - | - | - | - |   |   |

| TABLE 3 - ANCHOR SPACING |      |       |       |       |       | ANCHOR TYPE & SPACING<br>WALL - MOUNT 1 |   |   |   |   |   | ANCHOR TYPE & SPACING<br>1X2, 2X3 OR 2X4 BO - MOUNT 2 |   |   |   |   |   | ANCHOR TYPE & SPACING<br>2X2, 4X4 OR 6X6 BO - MOUNT 2 |   |   |   |   |   |
|--------------------------|------|-------|-------|-------|-------|-----------------------------------------|---|---|---|---|---|-------------------------------------------------------|---|---|---|---|---|-------------------------------------------------------|---|---|---|---|---|
| FW                       | DP   | VY    | VX    | Vs    | Ts    | A                                       | B | C | D | E | F | A                                                     | B | C | D | E | F | A                                                     | B | C | D | E | F |
| 192                      | 35   | 23.3  | 63.7  | 63.7  | 209.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 6 | 6 | 6 | 6 | 4                                                     | 5 | 4 | 5 | 4 | 5 |
|                          | 40   | 26.7  | 70.7  | 70.7  | 234.1 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 6 | 6 | 6 | 3                                                     | 4 | 3 | 4 | 3 | 4 |
|                          | 45   | 30.0  | 77.4  | 77.4  | 257.2 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 6 | 6 | 6 | 3                                                     | 3 | 3 | 3 | 3 | 3 |
|                          | 50   | 33.3  | 83.7  | 83.7  | 279.4 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 4 | 5 | 5 | 5 | -                                                     | 3 | - | 3 | - | 3 |
|                          | 55   | 36.7  | 89.6  | 89.6  | 300.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |
|                          | 60   | 40.0  | 95.3  | 95.3  | 321.1 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |
|                          | 65   | 43.3  | 100.6 | 100.6 | 340.8 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | - | 3 | 3 | 3 | -                                                     | - | - | - | - | - |
|                          | 70   | 46.7  | 105.7 | 105.7 | 359.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 3                                                     | 3 | - | 3 | 3 | 3 | -                                                     | - | - | - | - | - |
|                          | 75   | 50.0  | 110.6 | 110.6 | 378.0 | 6                                       | 6 | 5 | 6 | 6 | 6 | 3                                                     | 3 | - | 3 | 3 | 3 | -                                                     | - | - | - | - | - |
| 80                       | 53.3 | 115.2 | 115.2 | 395.6 | 6     | 6                                       | 5 | 6 | 6 | 6 | 3 | 3                                                     | - | 3 | - | - | - | -                                                     | - | - | - | - |   |
| 216                      | 35   | 26.3  | 69.0  | 69.0  | 228.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 5 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 |
|                          | 40   | 30.0  | 74.9  | 74.9  | 250.3 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 6 | 6 | 6 | 3                                                     | 3 | 3 | 3 | 3 | 3 |
|                          | 45   | 33.8  | 80.1  | 80.1  | 270.3 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 5 | 5 | 5 | 3                                                     | 3 | - | 3 | 3 | 3 |
|                          | 50   | 37.5  | 84.9  | 84.9  | 289.0 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 5 | 5 | 4 | -                                                     | - | - | - | - | - |
|                          | 55   | 41.3  | 89.3  | 89.3  | 306.5 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |
|                          | 60   | 45.0  | 93.3  | 93.3  | 322.9 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |
| 65                       | 48.8 | 97.0  | 97.0  | 338.5 | 6     | 6                                       | 6 | 6 | 6 | 6 | 4 | 4                                                     | - | 3 | 3 | 3 | - | -                                                     | - | - | - | - |   |
| 240                      | 35   | 29.2  | 74.5  | 74.5  | 248.1 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 6 | 6 | 6 | 3                                                     | 3 | 3 | 3 | 3 | 3 |
|                          | 40   | 33.3  | 79.4  | 79.4  | 267.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 5 | 5 | 5 | 3                                                     | 3 | - | 3 | 3 | 3 |
|                          | 45   | 37.5  | 83.7  | 83.7  | 285.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 5 | 5 | 5 | -                                                     | 3 | - | 3 | - | 3 |
|                          | 50   | 41.7  | 87.5  | 87.5  | 302.3 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |
|                          | 55   | 45.8  | 90.9  | 90.9  | 317.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 4                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |
| 264                      | 35   | 32.1  | 80.1  | 80.1  | 267.7 | 6                                       | 6 | 6 | 6 | 6 | 6 | 6                                                     | 6 | 4 | 5 | 5 | 5 | 3                                                     | 3 | - | 3 | 3 | 3 |
|                          | 40   | 36.7  | 84.3  | 84.3  | 286.0 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 5 | 5 | 5 | -                                                     | 3 | - | 3 | - | 3 |
|                          | 45   | 41.3  | 87.9  | 87.9  | 302.5 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 4 | 3 | 4 | 4 | 4 | -                                                     | - | - | - | - | - |
| 288                      | 35   | 32.1  | 85.7  | 85.7  | 283.3 | 6                                       | 6 | 6 | 6 | 6 | 6 | 5                                                     | 5 | 3 | 5 | 5 | 5 | -                                                     | 3 | - | 3 | - | 3 |

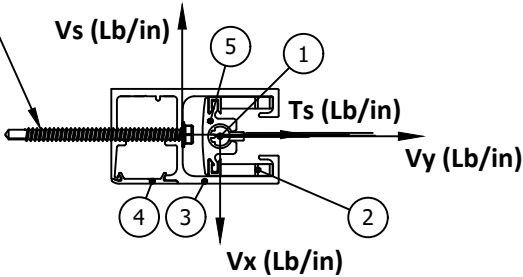
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TYPICAL HORIZONTAL SECTIONS  
INSET MOUNT



**A**  
**10** **HORIZONTAL SECTION**  
**MOUNT TYPE 3**  
**INSET MOUNT**  
\*WITH END RETENTION

SEE ANCHOR CHARTS FOR  
TYPE AND SPACING  
SCREW THROUGH SIDE RAIL  
SHALL BE SPACED AT  
SPACING DEFINED IN TABLE



CONTRACTOR TO VERIFY ADEQUACY OF STRUCTURE  
NOTE: LOADS  $V_y$  AND  $V_x$  ARE LOADS IMPOSED BY TRACK  
ON HOUSING. LOADS  $T_s$  AND  $V_s$  ARE LOADS IMPOSED ON  
STRUCTURE BY ANCHORS.

SEE SHEETS 11 & 12 FOR ANCHOR SPACING TABLES

| ANCHOR | DESCRIPTION                                      | MATERIAL                                   | EDGE DISTANCE | EMBEDMENT                |
|--------|--------------------------------------------------|--------------------------------------------|---------------|--------------------------|
| A      | 3/8" DEWALT/POWERS WEDGE BOLT                    | MIN. 3000 PSI CONCRETE                     | 3 3/4"        | 3 1/2"                   |
| B      | 5/16" ITW TAPCON                                 | MIN. 3000 PSI CONCRETE                     | 2 3/16"       | 2 1/4"                   |
| C      | 3/8" DEWALT/POWERS WEDGE BOLT                    | GROUT FILLED C-90<br>BLOCK, f'm ≥ 2000 PSI | 2"            | 2 1/2"                   |
| D      | 5/16" ITW TAPCON                                 | GROUT FILLED C-90<br>BLOCK, f'm ≥ 2000 PSI | 4"            | 2 1/4"                   |
| E      | #14 DEWALT/ELCO DRIL-FLEX<br>SELF-DRILLING SCREW | MIN. 1/4" 6063-T6 ALUM.                    | 1/2"          | 3 THREADS<br>PENETRATION |
|        |                                                  | MIN. 3/16" A36 STEEL                       | 3/8"          |                          |
| F      | 5/16" DEWALT/ELCO ULTRACON                       | WOOD, MIN. SG = 0.55                       | 1 1/2"        | 2"                       |



117 DIXON STREET  
SELBYVILLE, DE 19975  
PH: (302) 436-6005

TITLE: STORM TEX WITH FLEX TRACK  
SCREEN SYSTEM  
(HVHZ) (IMPACT)

TYP. HORIZONTAL SECTION  
- INSET MOUNT

PREPARED BY:

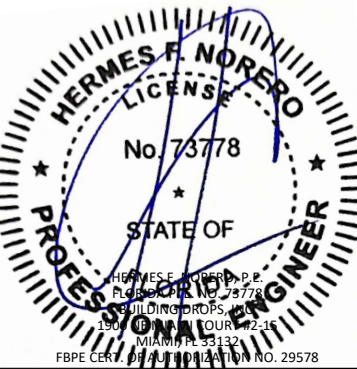
BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744-4738  
WEB: www.buildingdrops.com



| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC  
AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC  
SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE  
FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED  
ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC  
DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL47087

DATE: 10.04.2024

DWG. BY:  
DI

CHK. BY:  
HFN

SCALE: NTS

DWG. #: ALU007

SHEET: OF 21

10

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| TABLE 4 - ANCHOR SPACING |     |      |      |      |       | ANCHOR TYPE & SPACING<br>INSET - MOUNT 3 |   |   |   |   |   |
|--------------------------|-----|------|------|------|-------|------------------------------------------|---|---|---|---|---|
| SW                       | DP  | VY   | VX   | Vs   | Ts    | A                                        | B | C | D | E | F |
| 96                       | 35  | 11.7 | 50.3 | 50.3 | 148.3 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 40  | 13.3 | 54.1 | 54.1 | 160.3 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 45  | 15.0 | 57.5 | 57.5 | 171.0 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 50  | 16.7 | 60.6 | 60.6 | 180.8 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 55  | 18.3 | 63.3 | 63.3 | 189.7 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 60  | 20.0 | 65.8 | 65.8 | 197.9 | 6                                        | 6 | 4 | 6 | 6 | 6 |
|                          | 65  | 21.7 | 68.1 | 68.1 | 205.5 | 6                                        | 6 | 4 | 5 | 5 | 5 |
|                          | 70  | 23.3 | 70.1 | 70.1 | 212.5 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 75  | 25.0 | 72.0 | 72.0 | 219.1 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 80  | 26.7 | 73.8 | 73.8 | 225.3 | 5                                        | 5 | 4 | 5 | 5 | 4 |
|                          | 85  | 28.3 | 75.4 | 75.4 | 231.0 | 5                                        | 5 | 3 | 4 | 4 | 4 |
|                          | 90  | 30.0 | 76.9 | 76.9 | 236.5 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 95  | 31.7 | 78.2 | 78.2 | 241.7 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 100 | 33.3 | 79.5 | 79.5 | 246.5 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 105 | 35.0 | 80.7 | 80.7 | 251.2 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 110 | 36.7 | 81.9 | 81.9 | 255.7 | 4                                        | 4 | 3 | 4 | 4 | 4 |
| 102                      | 115 | 38.3 | 82.9 | 82.9 | 259.9 | 4                                        | 4 | 3 | 3 | 3 | 3 |
|                          | 120 | 40.0 | 83.9 | 83.9 | 264.0 | 4                                        | 4 | 3 | 3 | 3 | 3 |
|                          | 35  | 12.4 | 50.0 | 50.0 | 148.3 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 40  | 14.2 | 54.2 | 54.2 | 161.1 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 45  | 15.9 | 57.9 | 57.9 | 172.7 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 50  | 17.7 | 61.2 | 61.2 | 183.4 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 55  | 19.5 | 64.3 | 64.3 | 193.2 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 60  | 21.3 | 67.0 | 67.0 | 202.3 | 6                                        | 6 | 4 | 6 | 5 | 5 |
|                          | 65  | 23.0 | 69.6 | 69.6 | 210.8 | 6                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 70  | 24.8 | 71.9 | 71.9 | 218.6 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 75  | 26.6 | 74.1 | 74.1 | 226.0 | 5                                        | 5 | 3 | 5 | 5 | 4 |
|                          | 80  | 28.3 | 76.1 | 76.1 | 232.9 | 5                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 85  | 30.1 | 77.9 | 77.9 | 239.5 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 90  | 31.9 | 79.6 | 79.6 | 245.7 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 95  | 33.6 | 81.2 | 81.2 | 251.5 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 100 | 35.4 | 82.7 | 82.7 | 257.1 | 4                                        | 4 | 3 | 4 | 4 | 3 |
| 108                      | 105 | 37.2 | 84.2 | 84.2 | 262.4 | 4                                        | 4 | 3 | 3 | 3 | 3 |
|                          | 110 | 39.0 | 85.5 | 85.5 | 267.5 | 4                                        | 3 | 3 | 3 | 3 | 3 |
|                          | 115 | 40.7 | 86.7 | 86.7 | 272.3 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 35  | 13.1 | 50.2 | 50.2 | 149.3 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 40  | 15.0 | 54.6 | 54.6 | 162.9 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 45  | 16.9 | 58.5 | 58.5 | 175.3 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 50  | 18.8 | 62.1 | 62.1 | 186.8 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 55  | 20.6 | 65.4 | 65.4 | 197.5 | 6                                        | 6 | 4 | 6 | 6 | 6 |
|                          | 60  | 22.5 | 68.5 | 68.5 | 207.3 | 6                                        | 6 | 4 | 5 | 5 | 5 |
|                          | 65  | 24.4 | 71.3 | 71.3 | 216.6 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 70  | 26.3 | 73.9 | 73.9 | 225.2 | 5                                        | 5 | 4 | 5 | 5 | 4 |
|                          | 75  | 28.1 | 76.3 | 76.3 | 233.3 | 5                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 80  | 30.0 | 78.5 | 78.5 | 241.0 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 85  | 31.9 | 80.6 | 80.6 | 248.2 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 90  | 33.8 | 82.5 | 82.5 | 255.1 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 95  | 35.6 | 84.3 | 84.3 | 261.6 | 4                                        | 4 | 3 | 3 | 3 | 3 |

| TABLE 4 - ANCHOR SPACING |     |      |       |       |       | ANCHOR TYPE & SPACING<br>INSET - MOUNT 3 |   |   |   |   |   |
|--------------------------|-----|------|-------|-------|-------|------------------------------------------|---|---|---|---|---|
| SW                       | DP  | VY   | VX    | Vs    | Ts    | A                                        | B | C | D | E | F |
| 114                      | 35  | 13.9 | 50.6  | 50.6  | 151.0 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 40  | 15.8 | 55.2  | 55.2  | 165.3 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 45  | 17.8 | 59.4  | 59.4  | 178.5 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 50  | 19.8 | 63.3  | 63.3  | 190.8 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 55  | 21.8 | 66.8  | 66.8  | 202.2 | 6                                        | 6 | 4 | 6 | 6 | 5 |
|                          | 60  | 23.8 | 70.1  | 70.1  | 212.8 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 65  | 25.7 | 73.1  | 73.1  | 222.8 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 70  | 27.7 | 75.9  | 75.9  | 232.1 | 5                                        | 5 | 3 | 4 | 4 | 4 |
|                          | 75  | 29.7 | 78.6  | 78.6  | 241.0 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 80  | 31.7 | 81.0  | 81.0  | 249.3 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 85  | 33.6 | 83.3  | 83.3  | 257.2 | 4                                        | 4 | 3 | 4 | 4 | 3 |
|                          | 90  | 35.6 | 85.5  | 85.5  | 264.8 | 4                                        | 4 | 3 | 3 | 3 | 3 |
|                          | 95  | 37.6 | 87.5  | 87.5  | 271.9 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 100 | 39.6 | 89.4  | 89.4  | 278.7 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 105 | 41.6 | 91.2  | 91.2  | 285.3 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 110 | 43.5 | 92.9  | 92.9  | 291.5 | 3                                        | 3 | - | 3 | 3 | 3 |
| 120                      | 35  | 14.6 | 51.2  | 51.2  | 153.3 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 40  | 16.7 | 56.0  | 56.0  | 168.3 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 45  | 18.8 | 60.5  | 60.5  | 182.2 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 50  | 20.8 | 64.6  | 64.6  | 195.2 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 55  | 22.9 | 68.3  | 68.3  | 207.3 | 6                                        | 6 | 4 | 5 | 5 | 5 |
|                          | 60  | 25.0 | 71.8  | 71.8  | 218.6 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 65  | 27.1 | 75.1  | 75.1  | 229.3 | 5                                        | 5 | 3 | 4 | 4 | 4 |
|                          | 70  | 29.2 | 78.1  | 78.1  | 239.3 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 75  | 31.3 | 81.0  | 81.0  | 248.9 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 80  | 33.3 | 83.6  | 83.6  | 257.9 | 4                                        | 4 | 3 | 4 | 4 | 3 |
|                          | 85  | 35.4 | 86.1  | 86.1  | 266.4 | 4                                        | 3 | 3 | 3 | 3 | 3 |
|                          | 90  | 37.5 | 88.5  | 88.5  | 274.6 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 95  | 39.6 | 90.7  | 90.7  | 282.3 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 100 | 41.7 | 92.8  | 92.8  | 289.8 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 105 | 43.8 | 94.7  | 94.7  | 296.9 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 110 | 45.8 | 96.6  | 96.6  | 303.7 | 3                                        | 3 | - | 3 | 3 | 3 |
| 132                      | 35  | 16.0 | 52.8  | 52.8  | 158.9 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 40  | 18.3 | 58.1  | 58.1  | 175.2 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 45  | 20.6 | 62.9  | 62.9  | 190.5 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 50  | 22.9 | 67.4  | 67.4  | 204.8 | 6                                        | 6 | 4 | 5 | 5 | 5 |
|                          | 55  | 25.2 | 71.7  | 71.7  | 218.3 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 60  | 27.5 | 75.6  | 75.6  | 231.0 | 5                                        | 5 | 3 | 4 | 4 | 4 |
|                          | 65  | 29.8 | 79.3  | 79.3  | 243.0 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 70  | 32.1 | 82.7  | 82.7  | 254.4 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 75  | 34.4 | 86.0  | 86.0  | 265.2 | 4                                        | 4 | 3 | 3 | 3 | 3 |
|                          | 80  | 36.7 | 89.0  | 89.0  | 275.4 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 85  | 39.0 | 91.9  | 91.9  | 285.2 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 90  | 41.3 | 94.6  | 94.6  | 294.6 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 95  | 43.5 | 97.2  | 97.2  | 303.6 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 100 | 45.8 | 99.6  | 99.6  | 312.1 | 3                                        | 3 | - | - | - | - |
|                          | 105 | 48.1 | 102.0 | 102.0 | 320.4 | 3                                        | - | - | - | - | - |



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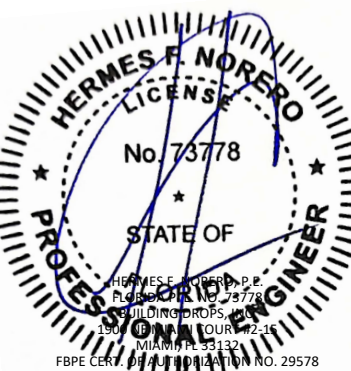
TITLE: STORM TEX WITH FLEX TRACK  
SCREEN SYSTEM  
(HVHZ) (IMPACT)  
TYP. HORIZONTAL SECTION - INSET  
MOUNT ANCHOR SPACING TABLE

PREPARED BY:  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744 4738  
WEB: www.buildingdrops.com



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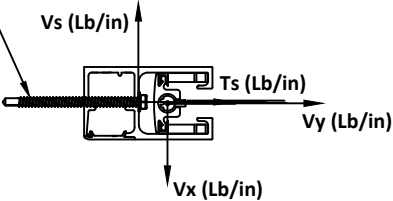
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c:\users\dylanwata\building drops, inc\building drops landing - common\projects\alutec united, inc\lbc-24-0503 - fbc submittal - impact screen system\dwgs\alu007.dwg 10/23/2024 8:44 AM

| TABLE 4 - ANCHOR SPACING |     |      |       |       |       | ANCHOR TYPE & SPACING<br>INSET - MOUNT 3 |   |   |   |   |   |
|--------------------------|-----|------|-------|-------|-------|------------------------------------------|---|---|---|---|---|
| SW                       | DP  | VY   | VX    | Vs    | Ts    | A                                        | B | C | D | E | F |
| 144                      | 35  | 17.5 | 54.8  | 54.8  | 165.5 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 40  | 20.0 | 60.4  | 60.4  | 183.1 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 45  | 22.5 | 65.7  | 65.7  | 199.7 | 6                                        | 6 | 4 | 6 | 6 | 6 |
|                          | 50  | 25.0 | 70.6  | 70.6  | 215.3 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 55  | 27.5 | 75.3  | 75.3  | 230.1 | 5                                        | 5 | 3 | 4 | 4 | 4 |
|                          | 60  | 30.0 | 79.6  | 79.6  | 244.1 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 65  | 32.5 | 83.7  | 83.7  | 257.4 | 4                                        | 4 | 3 | 4 | 4 | 3 |
|                          | 70  | 35.0 | 87.5  | 87.5  | 270.0 | 4                                        | 3 | - | 3 | 3 | 3 |
|                          | 75  | 37.5 | 91.2  | 91.2  | 282.0 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 80  | 40.0 | 94.6  | 94.6  | 293.5 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 85  | 42.5 | 97.8  | 97.8  | 304.5 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 90  | 45.0 | 100.9 | 100.9 | 315.0 | 3                                        | 3 | - | - | - | - |
|                          | 95  | 47.5 | 103.9 | 103.9 | 325.1 | -                                        | - | - | - | - | - |
|                          | 100 | 50.0 | 106.6 | 106.6 | 334.8 | -                                        | - | - | - | - | - |
| 156                      | 35  | 19.0 | 57.0  | 57.0  | 172.8 | 6                                        | 6 | 6 | 6 | 6 | 6 |
|                          | 40  | 21.7 | 63.1  | 63.1  | 191.7 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 45  | 24.4 | 68.7  | 68.7  | 209.5 | 6                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 50  | 27.1 | 74.1  | 74.1  | 226.4 | 5                                        | 5 | 3 | 4 | 4 | 4 |
|                          | 55  | 29.8 | 79.1  | 79.1  | 242.4 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 60  | 32.5 | 83.8  | 83.8  | 257.7 | 4                                        | 4 | 3 | 4 | 4 | 3 |
|                          | 65  | 35.2 | 88.3  | 88.3  | 272.2 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 70  | 37.9 | 92.5  | 92.5  | 286.0 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 75  | 40.6 | 96.5  | 96.5  | 299.2 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 80  | 43.3 | 100.3 | 100.3 | 311.9 | 3                                        | 3 | - | - | - | - |
|                          | 85  | 46.0 | 103.9 | 103.9 | 324.0 | -                                        | - | - | - | - | - |
|                          | 90  | 48.8 | 107.3 | 107.3 | 335.7 | -                                        | - | - | - | - | - |
|                          | 95  | 51.5 | 110.6 | 110.6 | 346.9 | -                                        | - | - | - | - | - |
| 168                      | 35  | 19.0 | 59.4  | 59.4  | 179.4 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 40  | 21.7 | 65.8  | 65.8  | 199.3 | 6                                        | 6 | 4 | 6 | 6 | 6 |
|                          | 45  | 24.4 | 71.9  | 71.9  | 218.2 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 50  | 27.1 | 77.6  | 77.6  | 236.2 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 55  | 29.8 | 83.0  | 83.0  | 253.3 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 60  | 32.5 | 88.1  | 88.1  | 269.6 | 4                                        | 3 | - | 3 | 3 | 3 |
|                          | 65  | 35.2 | 92.9  | 92.9  | 285.1 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 70  | 37.9 | 97.5  | 97.5  | 300.0 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 75  | 40.6 | 101.9 | 101.9 | 314.2 | 3                                        | 3 | - | - | - | - |
|                          | 80  | 43.3 | 106.1 | 106.1 | 327.9 | -                                        | - | - | - | - | - |
|                          | 85  | 46.0 | 110.0 | 110.0 | 341.0 | -                                        | - | - | - | - | - |
|                          | 90  | 48.8 | 113.8 | 113.8 | 353.5 | -                                        | - | - | - | - | - |

| TABLE 4 - ANCHOR SPACING |    |      |       |       |       | ANCHOR TYPE & SPACING<br>INSET - MOUNT 3 |   |   |   |   |   |
|--------------------------|----|------|-------|-------|-------|------------------------------------------|---|---|---|---|---|
| SW                       | DP | VY   | VX    | Vs    | Ts    | A                                        | B | C | D | E | F |
| 180                      | 35 | 21.9 | 61.9  | 61.9  | 188.6 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 40 | 25.0 | 68.7  | 68.7  | 210.0 | 6                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 45 | 28.1 | 75.2  | 75.2  | 230.3 | 5                                        | 5 | 3 | 4 | 4 | 4 |
|                          | 50 | 31.3 | 81.3  | 81.3  | 249.6 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 55 | 34.4 | 87.0  | 87.0  | 268.1 | 4                                        | 3 | 3 | 3 | 3 | 3 |
|                          | 60 | 37.5 | 92.5  | 92.5  | 285.8 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 65 | 40.6 | 97.7  | 97.7  | 302.7 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 70 | 43.8 | 102.7 | 102.7 | 318.8 | 3                                        | - | - | - | - | - |
|                          | 75 | 46.9 | 107.4 | 107.4 | 334.4 | -                                        | - | - | - | - | - |
|                          | 80 | 50.0 | 111.9 | 111.9 | 349.3 | -                                        | - | - | - | - | - |
| 192                      | 35 | 23.3 | 63.7  | 63.7  | 194.8 | 6                                        | 6 | 5 | 6 | 6 | 6 |
|                          | 40 | 26.7 | 70.7  | 70.7  | 216.9 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 45 | 30.0 | 77.4  | 77.4  | 237.9 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 50 | 33.3 | 83.7  | 83.7  | 257.9 | 4                                        | 4 | 3 | 4 | 4 | 3 |
|                          | 55 | 36.7 | 89.6  | 89.6  | 277.1 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 60 | 40.0 | 95.3  | 95.3  | 295.3 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 65 | 43.3 | 100.6 | 100.6 | 312.8 | 3                                        | 3 | - | - | - | - |
|                          | 70 | 46.7 | 105.7 | 105.7 | 329.6 | -                                        | - | - | - | - | - |
|                          | 75 | 50.0 | 110.6 | 110.6 | 345.7 | -                                        | - | - | - | - | - |
|                          | 80 | 53.3 | 115.2 | 115.2 | 361.2 | -                                        | - | - | - | - | - |
| 216                      | 35 | 26.3 | 69.0  | 69.0  | 211.8 | 5                                        | 5 | 4 | 5 | 5 | 5 |
|                          | 40 | 30.0 | 74.9  | 74.9  | 231.0 | 5                                        | 5 | 3 | 4 | 4 | 4 |
|                          | 45 | 33.8 | 80.1  | 80.1  | 248.5 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 50 | 37.5 | 84.9  | 84.9  | 264.8 | 4                                        | 4 | 3 | 3 | 3 | 3 |
|                          | 55 | 41.3 | 89.3  | 89.3  | 279.8 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 60 | 45.0 | 93.3  | 93.3  | 293.9 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 65 | 48.8 | 97.0  | 97.0  | 307.0 | 3                                        | 3 | - | 3 | 3 | - |
| 240                      | 35 | 29.2 | 74.5  | 74.5  | 229.3 | 5                                        | 5 | 3 | 4 | 4 | 4 |
|                          | 40 | 33.3 | 79.4  | 79.4  | 246.2 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 45 | 37.5 | 83.7  | 83.7  | 261.5 | 4                                        | 4 | 3 | 3 | 3 | 3 |
|                          | 50 | 41.7 | 87.5  | 87.5  | 275.4 | 3                                        | 3 | - | 3 | 3 | 3 |
|                          | 55 | 45.8 | 90.9  | 90.9  | 288.0 | 3                                        | 3 | - | 3 | 3 | 3 |
| 264                      | 35 | 32.1 | 80.1  | 80.1  | 247.0 | 4                                        | 4 | 3 | 4 | 4 | 4 |
|                          | 40 | 36.7 | 84.3  | 84.3  | 262.3 | 4                                        | 4 | 3 | 3 | 3 | 3 |
|                          | 45 | 41.3 | 87.9  | 87.9  | 275.9 | 3                                        | 3 | - | 3 | 3 | 3 |
| 288                      | 35 | 35.0 | 85.7  | 85.7  | 265.0 | 4                                        | 4 | 3 | 3 | 3 | 3 |

SEE ANCHOR CHARTS FOR  
TYPE AND SPACING  
SCREW THROUGH SIDE RAIL  
SHALL BE SPACED AT  
SPACING DEFINED IN TABLE



CONTRACTOR TO VERIFY ADEQUACY OF STRUCTURE  
NOTE: LOADS Vy AND Vx ARE LOADS IMPOSED BY TRACK  
ON HOUSING. LOADS Ts AND Vs ARE LOADS IMPOSED ON  
STRUCTURE BY ANCHORS.



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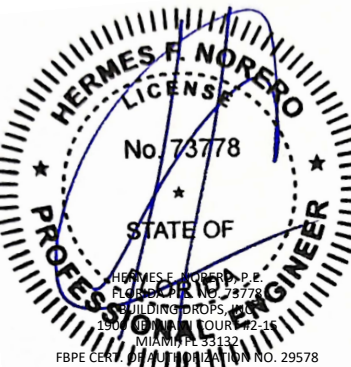
TITLE: STORM TEX WITH FLEX TRACK  
SCREEN SYSTEM  
(HVHZ) (IMPACT)

ANCHOR SCHEDULE - INSET MOUNT

PREPARED BY:  
BUILDING DROPS, INC.  
1900 NE MIAMI COURT, STE. 2-15  
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PH: (954) 999-8478  
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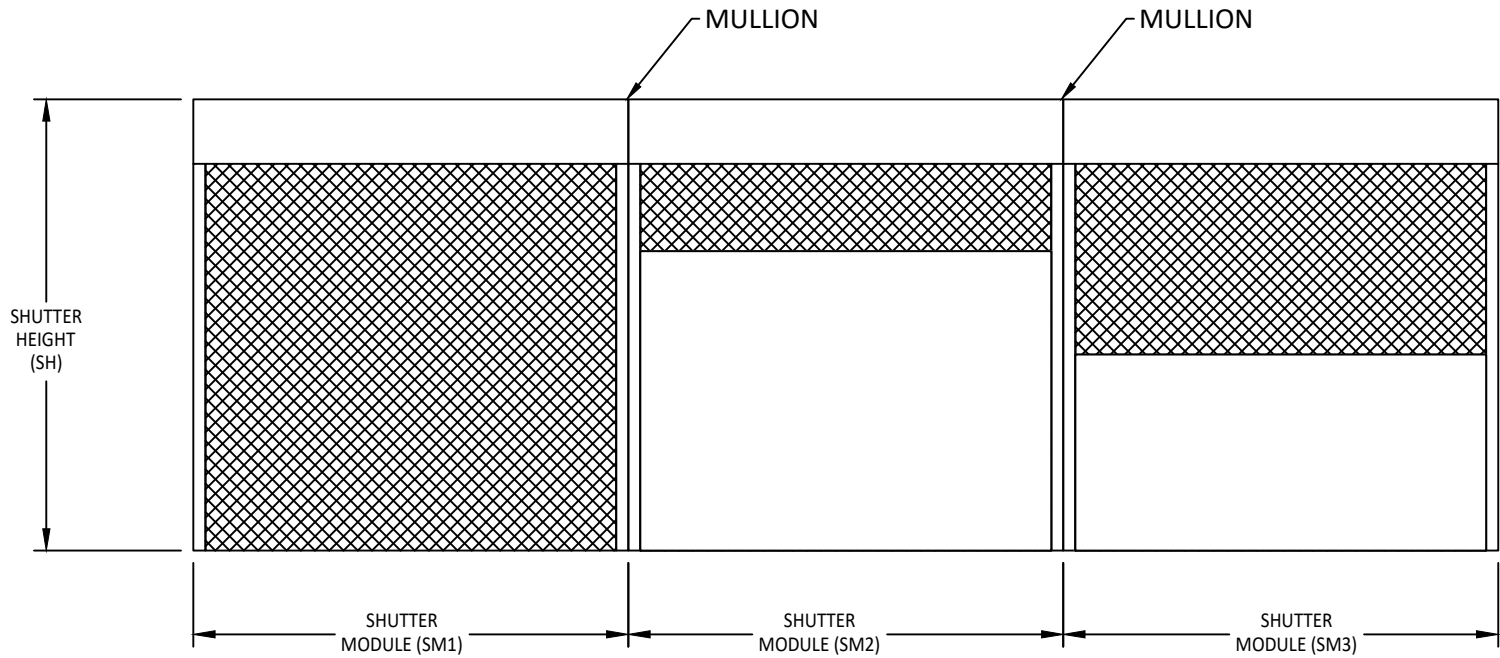
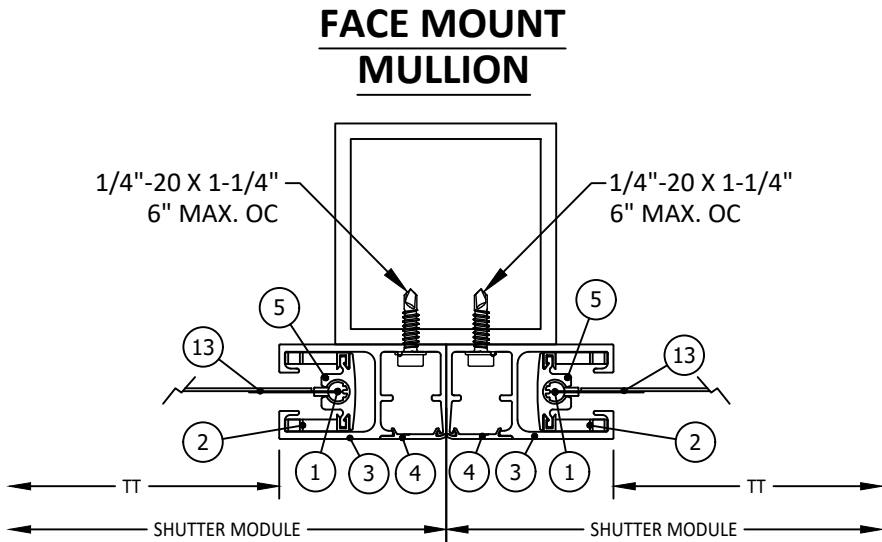
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EQUALLY SPACED MULLIONS SELECTION



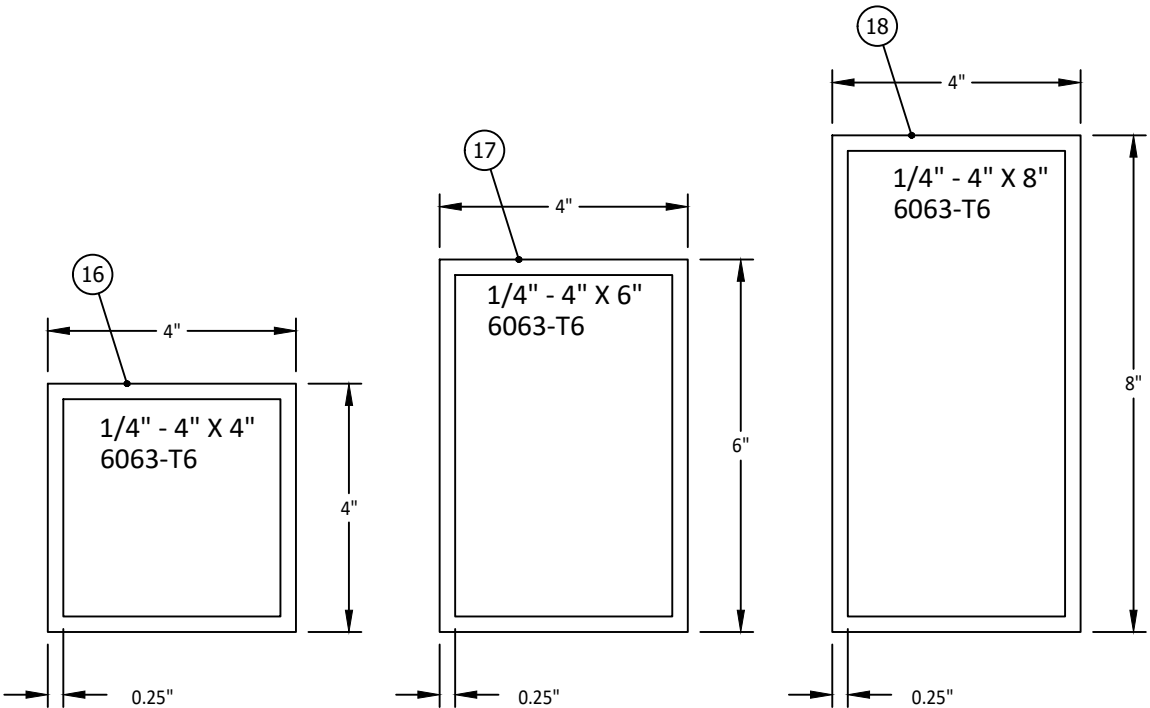
SM1 = SM2 = SM3

MAXIMUM MULLION DESIGN PRESSURE (PSF)

| SW Max. | 1/4-4x8 MULLION SPAN |     |     | 1/4-4x6 MULLION SPAN |     |     | 1/4-4x4 MULLION SPAN |     |    |
|---------|----------------------|-----|-----|----------------------|-----|-----|----------------------|-----|----|
|         | 144                  | 120 | 96  | 144                  | 120 | 96  | 144                  | 120 | 96 |
| 288     | 34                   | 34  | 34  | N/A                  | 29  | 34  | N/A                  | N/A | 21 |
| 264     | 37                   | 46  | 46  | N/A                  | 31  | 46  | N/A                  | N/A | 23 |
| 240     | 41                   | 57  | 57  | 20                   | 35  | 57  | N/A                  | N/A | 25 |
| 216     | 45                   | 66  | 68  | 22                   | 39  | 68  | N/A                  | N/A | 28 |
| 192     | 51                   | 75  | 79  | 25                   | 43  | 77  | N/A                  | N/A | 32 |
| 180     | 54                   | 80  | 84  | 27                   | 46  | 82  | N/A                  | N/A | 34 |
| 168     | 58                   | 85  | 89  | 29                   | 50  | 88  | N/A                  | N/A | 36 |
| 156     | 63                   | 92  | 94  | 31                   | 54  | 94  | N/A                  | 20  | 39 |
| 144     | 68                   | 99  | 99  | 33                   | 58  | 99  | N/A                  | 22  | 42 |
| 132     | 74                   | 104 | 104 | 36                   | 63  | 104 | N/A                  | 24  | 46 |
| 120     | 82                   | 109 | 109 | 40                   | 70  | 109 | N/A                  | 26  | 51 |
| 114     | 86                   | 112 | 112 | 42                   | 73  | 112 | N/A                  | 27  | 54 |
| 108     | 91                   | 114 | 114 | 45                   | 78  | 114 | N/A                  | 29  | 57 |
| 102     | 97                   | 117 | 117 | 47                   | 82  | 117 | N/A                  | 31  | 60 |
| 96      | 103                  | 119 | 119 | 50                   | 87  | 119 | N/A                  | 33  | 64 |

NOTES:

- MULLIONS WERE DESIGNED BY RATIONAL ANALYSIS BASED ON THE ALUMINUM DESIGN MANUAL AND THE FLORIDA BUILDING CODE. ABOVE LOADS ARE ALSO LIMITED BY THE MAX. CAPACITY OF THE PRODUCT.
- DEFLECTION CRITERIA: MAX. SPAN/180
- VALUES ABOVE ARE APPLICABLE ONLY FOR EQUAL MODULES SM1=SM2=SM3
- UNEQUAL MODULES ARE TO BE DESIGNED BY RATIONAL ANALYSIS IN A CASE BY CASE BASIS.



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SELBYVILLE, DE 19975  
PH: (302) 436-6005

TITLE: STORM TEX WITH FLEX TRACK  
SCREEN SYSTEM  
(HVHZ) (IMPACT)

EQUALLY SPACED MULLIONS

BUILDING DROPS, INC.

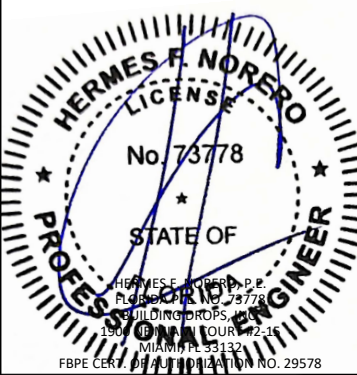
1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
PH: (954) 399-8478  
FAX: (954) 744-4738  
WEB: www.buildingdrops.com

PREPARED BY:



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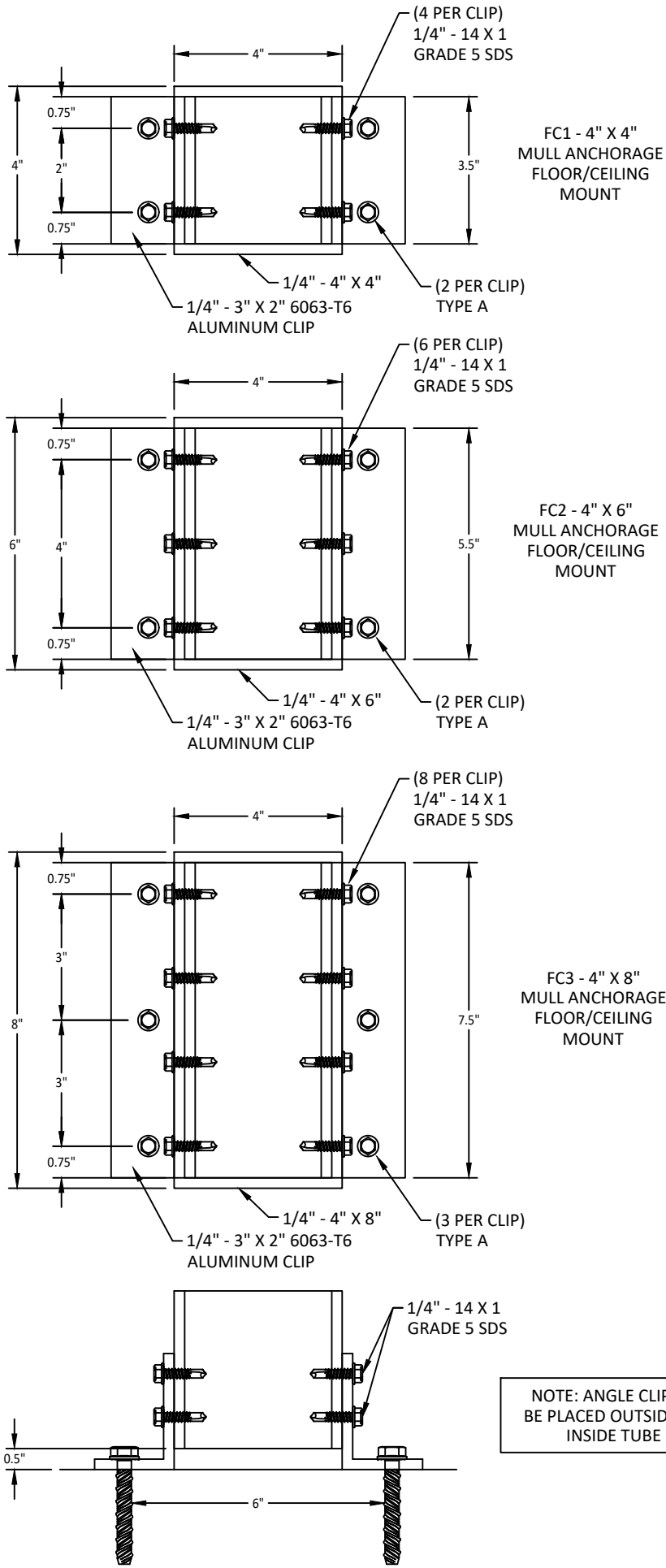
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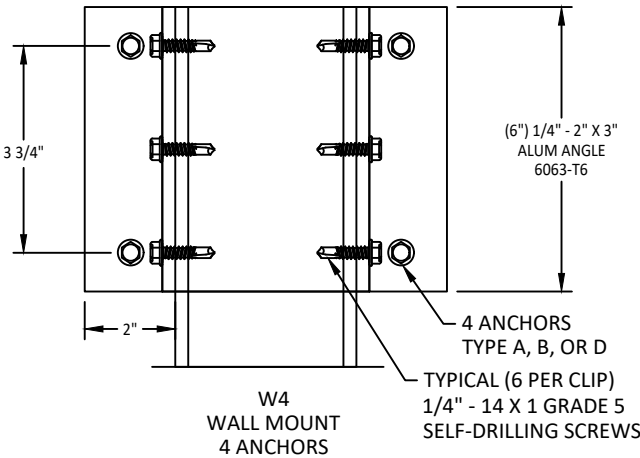
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## EQUALLY SPACED MULLIONS WALL AND INSET CONNECTIONS



| ANCHOR TYPE | WALL MOUNT ANCHOR SELECTION |     |     |
|-------------|-----------------------------|-----|-----|
|             | MULLION TYPE                |     |     |
|             | 4X4                         | 4X6 | 4X8 |
| A           | W4                          | W4  | W4  |
| B           | W4                          | N/A | N/A |
| D           | W4                          | N/A | N/A |

| ANCHOR TYPE | FLOOR/CEILING MOUNT ANCHOR SELECTION |     |     |
|-------------|--------------------------------------|-----|-----|
|             | MULLION TYPE                         |     |     |
|             | 4X4                                  | 4X6 | 4X8 |
| A           | FC1                                  | FC2 | FC3 |

| ANCHOR | DESCRIPTION                   | MATERIAL                                | EDGE DISTANCE | EMBEDMENT |
|--------|-------------------------------|-----------------------------------------|---------------|-----------|
| A      | 3/8" DEWALT/POWERS WEDGE BOLT | MIN. 3000 PSI CONCRETE                  | 3 3/4"        | 3 1/2"    |
| B      | 5/16" ITW TAPCON              | MIN. 3000 PSI CONCRETE                  | 2 3/16"       | 2 1/4"    |
| D      | 5/16" ITW TAPCON              | GROUT FILLED C-90 BLOCK, f'm ≥ 2000 PSI | 4"            | 2 1/4"    |



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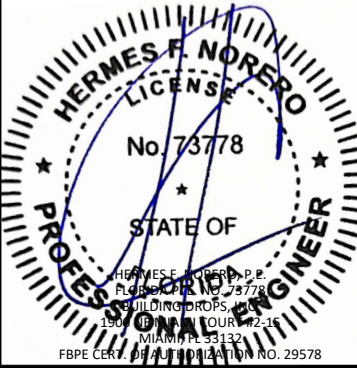
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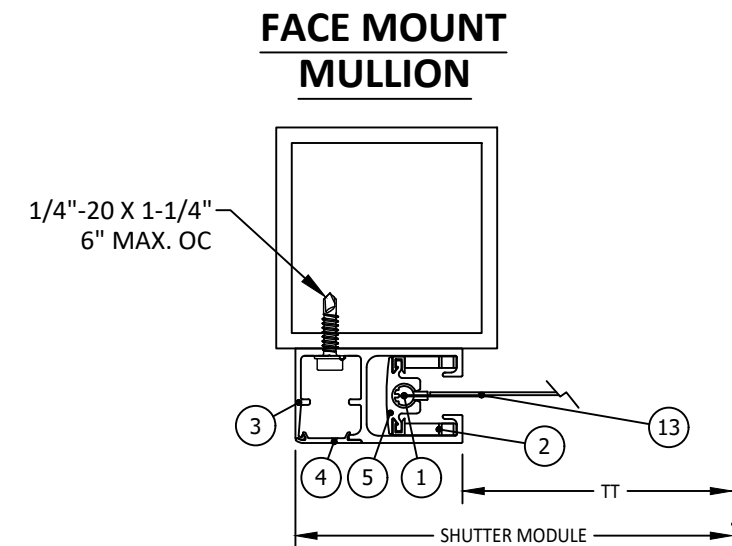
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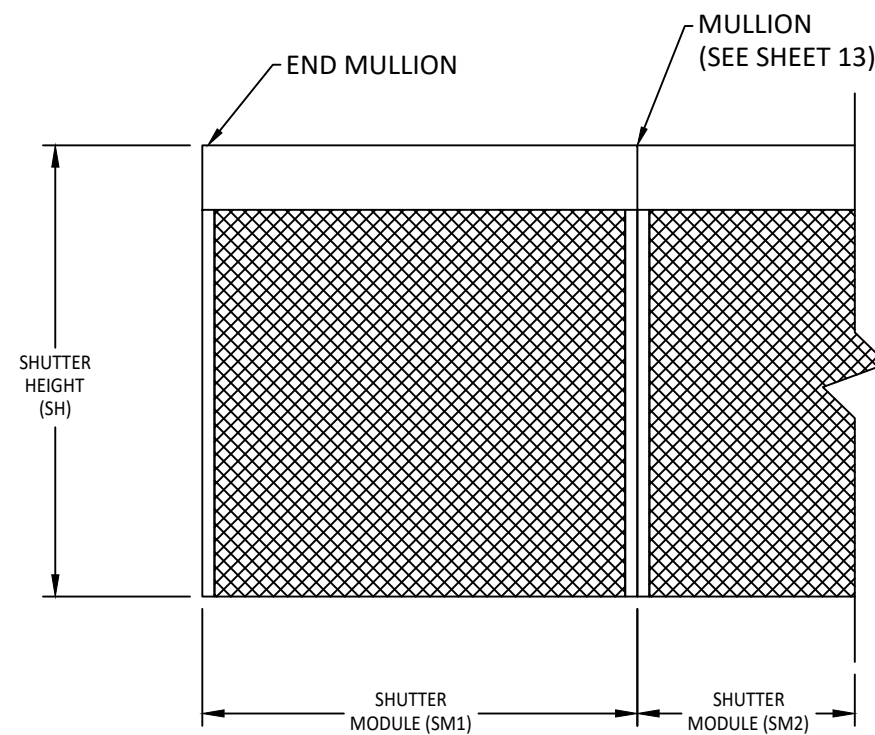
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## END MULLION SELECTION



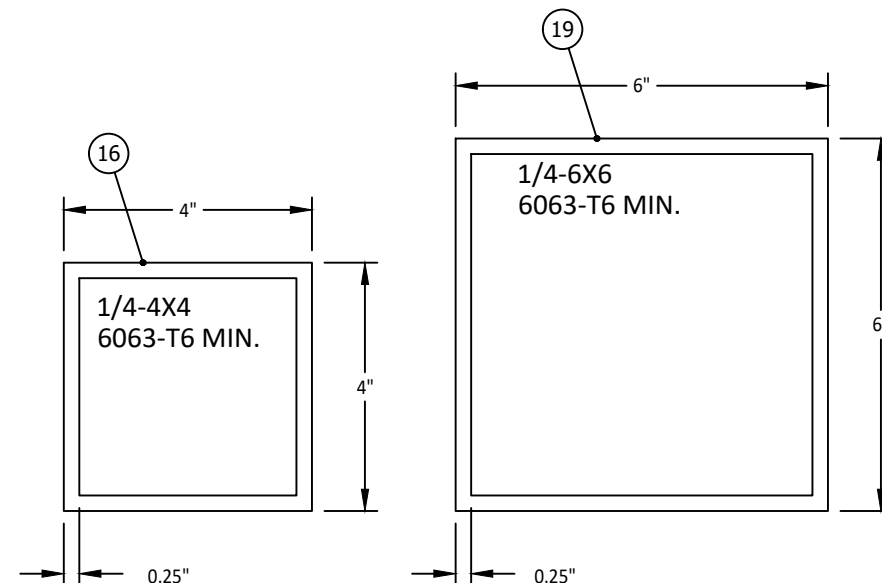
SM1 = SM2

MAXIMUM END MULLION SPANS AND DESIGN PRESSURES

| SW MAX<br>(in) | ALLOWABLE<br>DP<br>(PSF) | ALLOWABLE MULLION SPANS (FT)    |                                 |
|----------------|--------------------------|---------------------------------|---------------------------------|
|                |                          | 4" x 4" X 0.25"<br>6063-T6 MIN. | 6" x 6" X 0.25"<br>6063-T6 MIN. |
| 96             | 120                      | 12.00                           | 12.00                           |
| 102            | 117                      | 12.00                           | 12.00                           |
| 108            | 115                      | 12.00                           | 12.00                           |
| 114            | 112                      | 12.00                           | 12.00                           |
| 120            | 110                      | 12.00                           | 12.00                           |
| 132            | 105                      | 12.00                           | 12.00                           |
| 144            | 100                      | 12.00                           | 12.00                           |
| 156            | 95                       | 12.00                           | 12.00                           |
| 168            | 90                       | 12.00                           | 12.00                           |
| 180            | 85                       | 12.00                           | 12.00                           |
| 192            | 80                       | 12.00                           | 12.00                           |
| 216            | 69                       | 12.00                           | 12.00                           |
| 240            | 57                       | 12.00                           | 12.00                           |
| 264            | 46                       | 12.00                           | 12.00                           |
| 288            | 35                       | 12.00                           | 12.00                           |

### NOTES:

- MULLIONS WERE DESIGNED BY RATIONAL ANALYSIS BASED ON THE ALUMINUM DESIGN MANUAL AND THE FLORIDA BUILDING CODE. ABOVE LOADS ARE ALSO LIMITED BY THE MAX. CAPACITY OF THE PRODUCT.
- VALUES ABOVE ARE APPLICABLE FOR END MULLIONS ONLY



117 DIXON STREET  
SELBYVILLE, DE 19975  
PH: (302) 436-6005

TITLE: STORM TEX WITH FLEX TRACK  
SCREEN SYSTEM  
(HVHZ) (IMPACT)

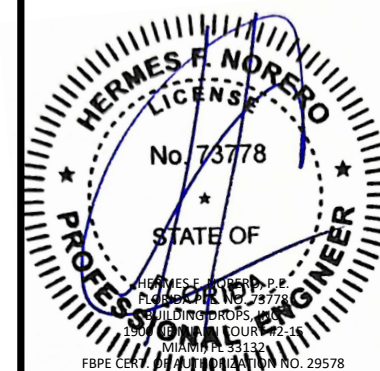
END MULLION

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PH: (954) 399-8478  
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DATE: 10.04.2024

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CHK. BY: HFN

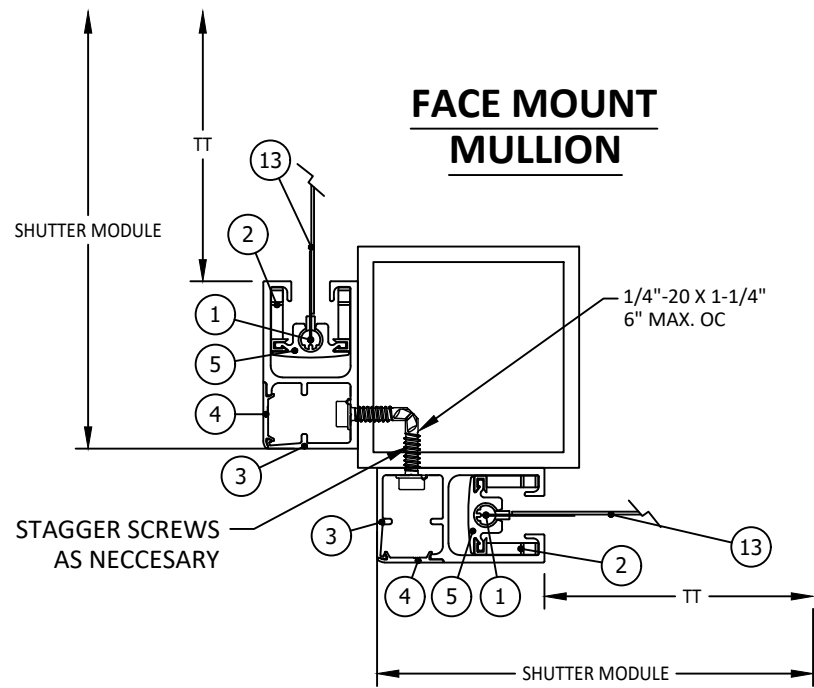
SCALE: NTS

DWG. #: ALU007

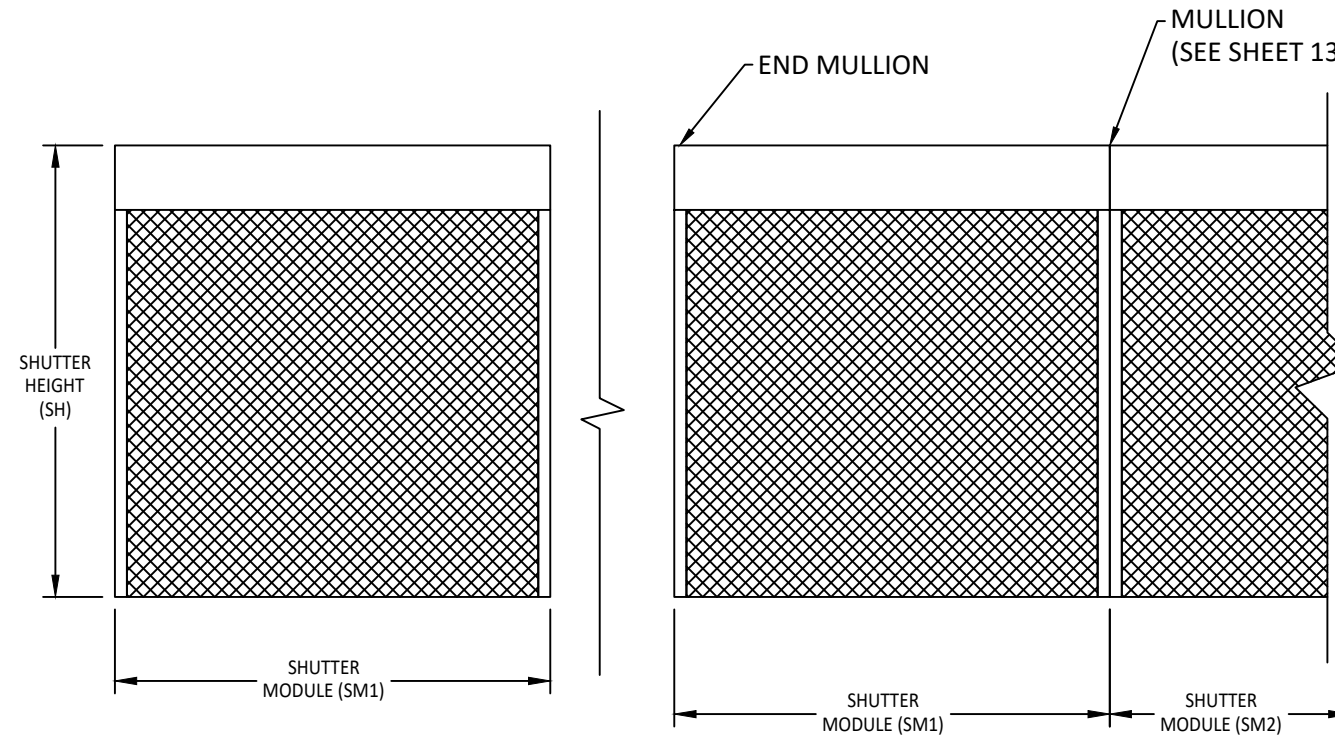
SHEET: OF 21

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## CORNER MULLION SELECTION



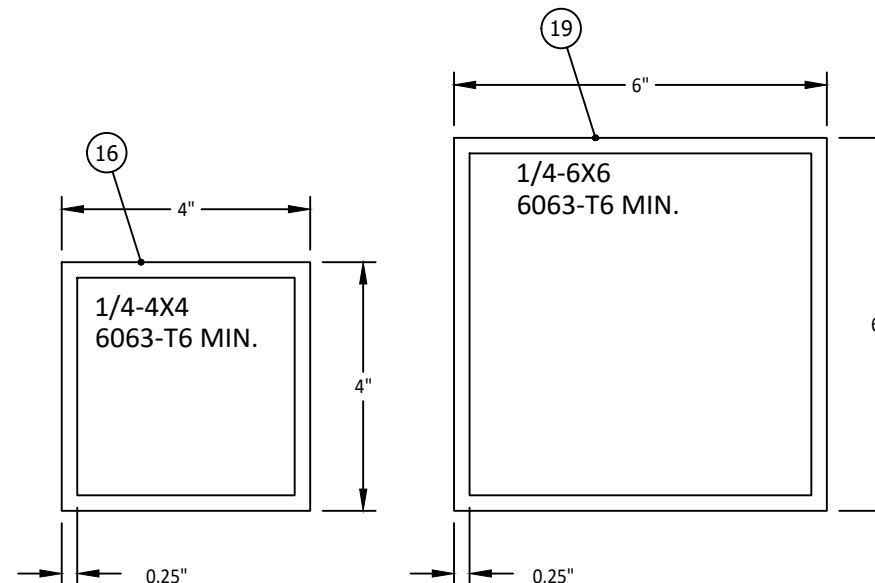
$$SM1 = SM2 = SM3$$

MAXIMUM CORNER MULLION SPANS AND DESIGN PRESSURES

| SW MAX<br>(in) | ALLOWABLE<br>DP<br>(PSF) | ALLOWABLE MULLION SPANS (FT)    |                                 |
|----------------|--------------------------|---------------------------------|---------------------------------|
|                |                          | 4" x 4" X 0.25"<br>6063-T6 MIN. | 6" x 6" X 0.25"<br>6063-T6 MIN. |
| 96             | 120.0                    | 12.00                           | 12.00                           |
| 102            | 117.5                    | 12.00                           | 12.00                           |
| 108            | 115.0                    | 12.00                           | 12.00                           |
| 114            | 112.5                    | 12.00                           | 12.00                           |
| 120            | 110.0                    | 12.00                           | 12.00                           |
| 132            | 105.0                    | 12.00                           | 12.00                           |
| 144            | 100.0                    | 11.93                           | 12.00                           |
| 156            | 95.0                     | 11.73                           | 12.00                           |
| 168            | 90.0                     | 11.58                           | 12.00                           |
| 180            | 85.0                     | 11.47                           | 12.00                           |
| 192            | 80.0                     | 11.50                           | 12.00                           |
| 216            | 68.7                     | 12.00                           | 12.00                           |
| 240            | 57.5                     | 12.00                           | 12.00                           |
| 264            | 46.2                     | 12.00                           | 12.00                           |
| 288            | 35.0                     | 12.00                           | 12.00                           |

### NOTES:

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- VALUES ABOVE ARE APPLICABLE FOR CORNER MULLIONS ONLY WITH EQUAL WIDTH SHUTTERS ON BOTH SIDES, UNEQUAL SHUTTERS SHALL BE EVALUATED ON A CASE BY CASE BASIS.



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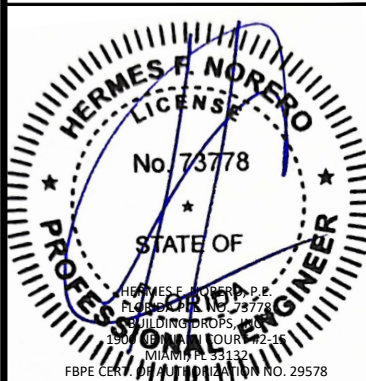
TITLE: STORM TEX WITH FLEX TRACK  
SCREEN SYSTEM  
(HVHZ) (IMPACT)  
CORNER MULLION

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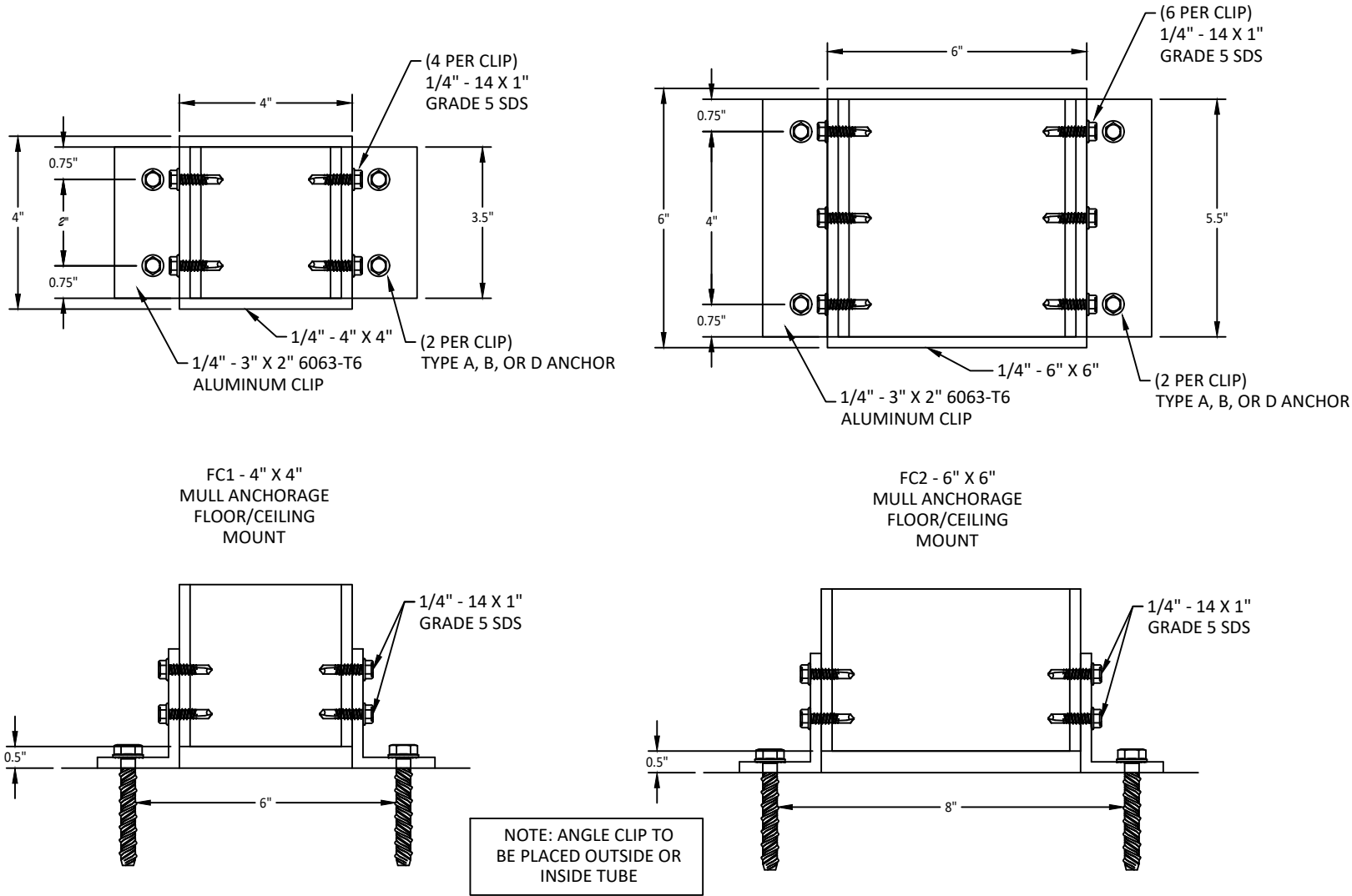
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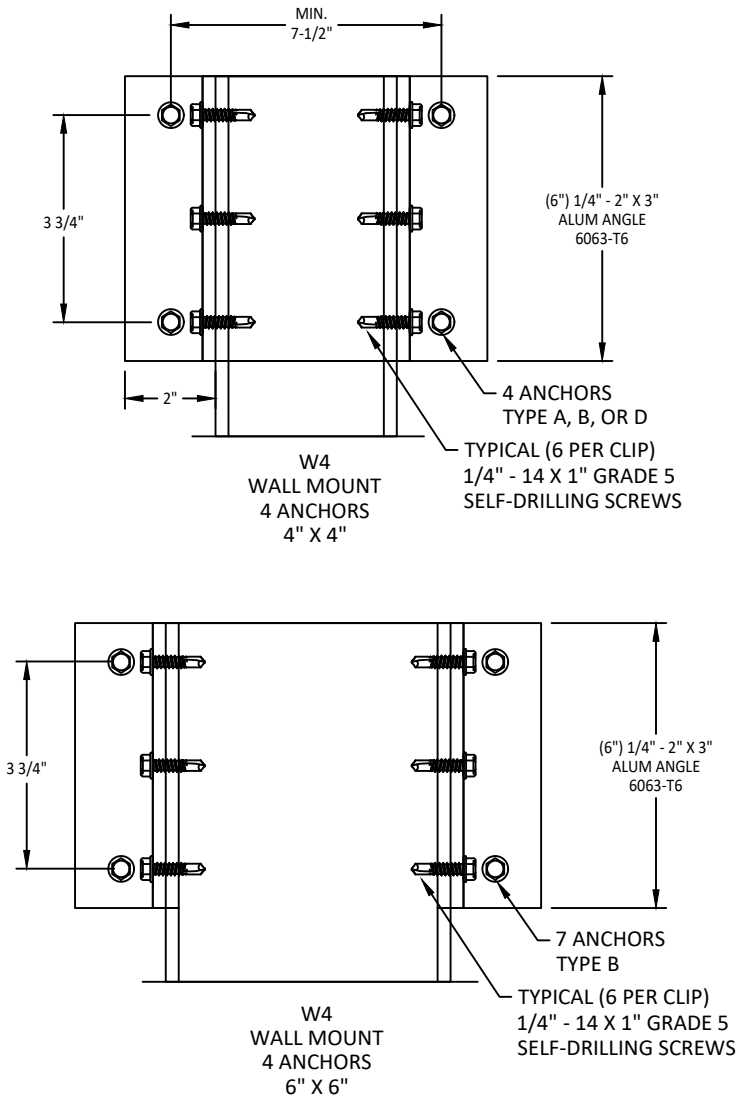
END MULLION AND CORNER MULLION WALL AND INSET CONNECTIONS



| MULL FLOOR/CEILING MOUNT ANCHOR SELECTION |                  |     |                     |     |
|-------------------------------------------|------------------|-----|---------------------|-----|
| ANCHOR TYPE                               | END MULLION TYPE |     | CORNER MULLION TYPE |     |
|                                           | 4X4              | 6X6 | 4X4                 | 6X6 |
| A                                         | FC1              | FC2 | FC1                 | FC2 |
| B                                         | FC1              | FC2 | FC1                 | FC2 |
| D                                         | FC1              | FC2 | FC1                 | FC2 |

| ANCHOR | DESCRIPTION                    | MATERIAL                                | EDGE DISTANCE | EMBEDMENT |
|--------|--------------------------------|-----------------------------------------|---------------|-----------|
| A      | 3/8\" DEWALT/POWERS WEDGE BOLT | MIN. 3000 PSI CONCRETE                  | 3 3/4"        | 3 1/2"    |
| B      | 5/16\" ITW TAPCON              | MIN. 3000 PSI CONCRETE                  | 2 3/16"       | 2 1/4"    |
| D      | 5/16\" ITW TAPCON              | GROUT FILLED C-90 BLOCK, f'm ≥ 2000 PSI | 4"            | 2 1/4"    |

END MULLION WALL CONNECTIONS



| WALL MOUNT ANCHOR SELECTION |                  |     |
|-----------------------------|------------------|-----|
| ANCHOR TYPE                 | END MULLION TYPE |     |
|                             | 4X4              | 6X6 |
| A                           | W4               | W4  |
| B                           | W4               | W4  |
| D                           | W4               | W4  |



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TITLE: STORM TEX WITH FLEX TRACK  
SCREEN SYSTEM  
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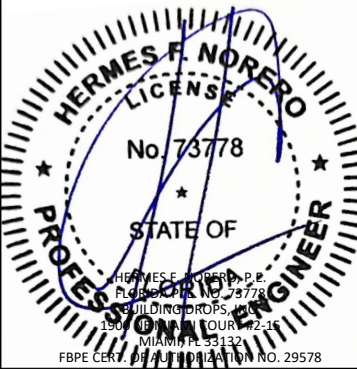
END MULLION / CORNER MULLION  
CONNECTIONS

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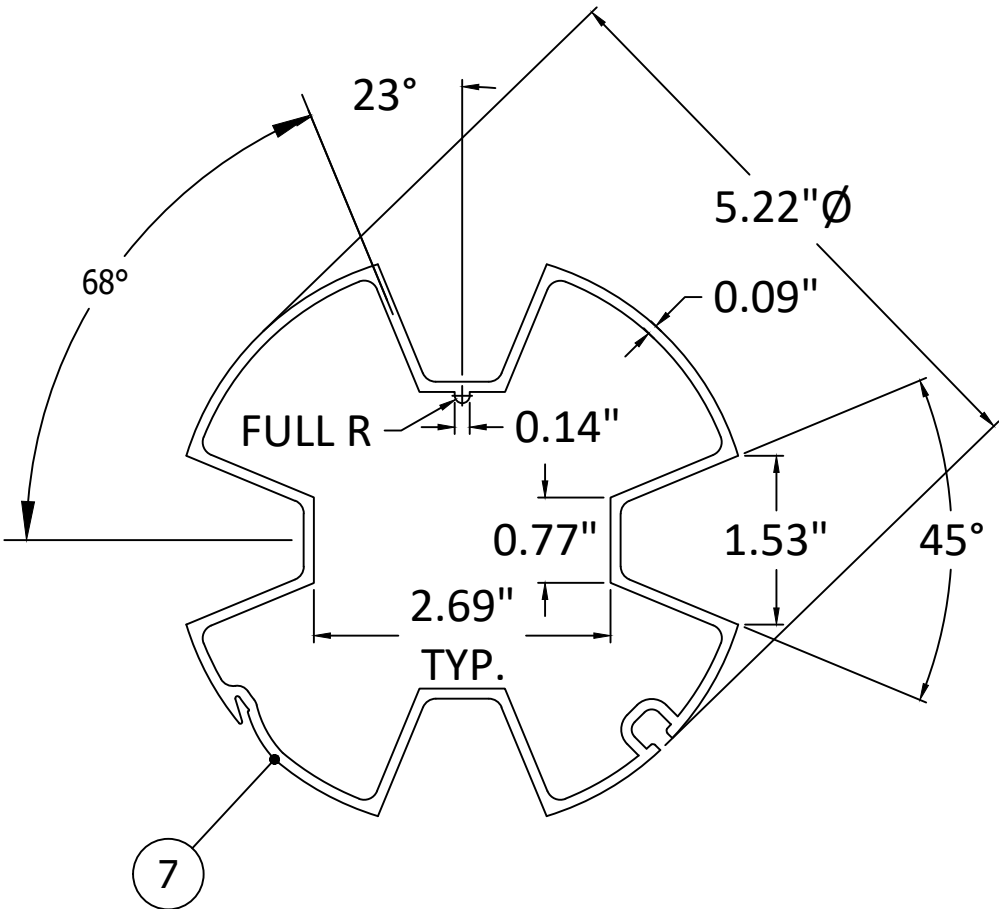
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DWG. #: ALU007

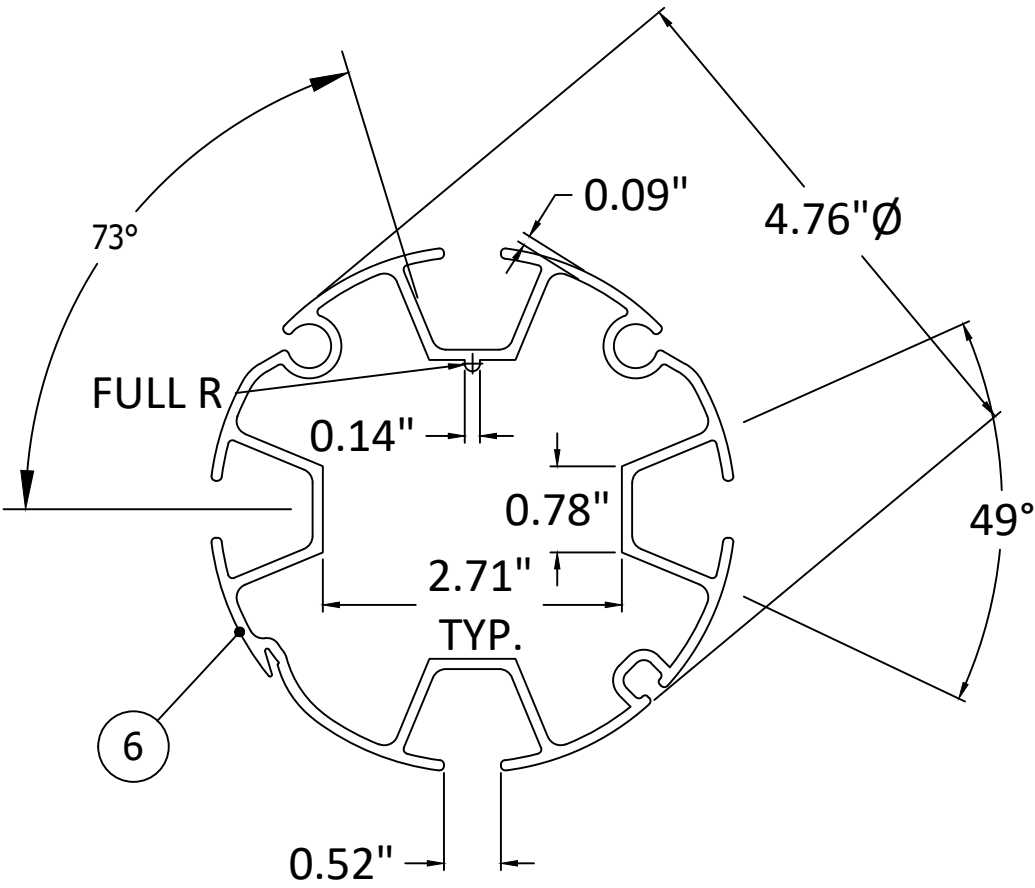
SHEET: OF 21

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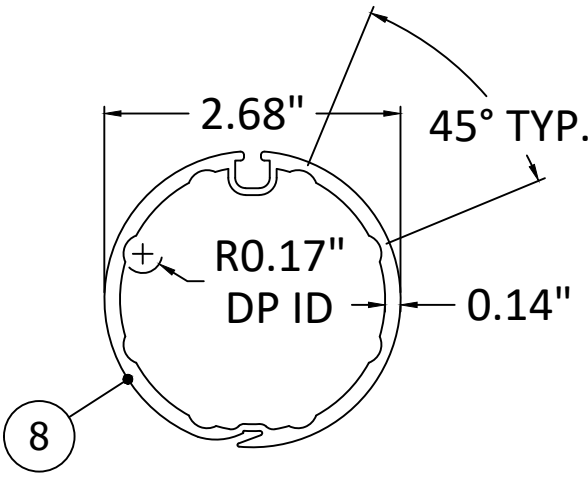
4-3/4" AND 5-1/4" TUBE DETAILS



5-1/4" TUBE



4-3/4" TUBE



60 MM INNER AXEL



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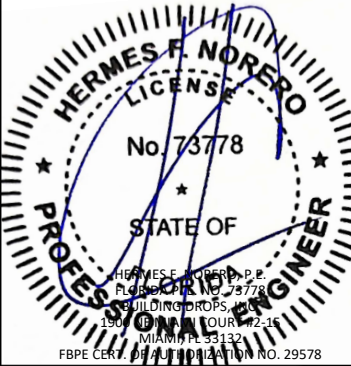
4-3/4" & 5-1/4" TUBE DETAILS

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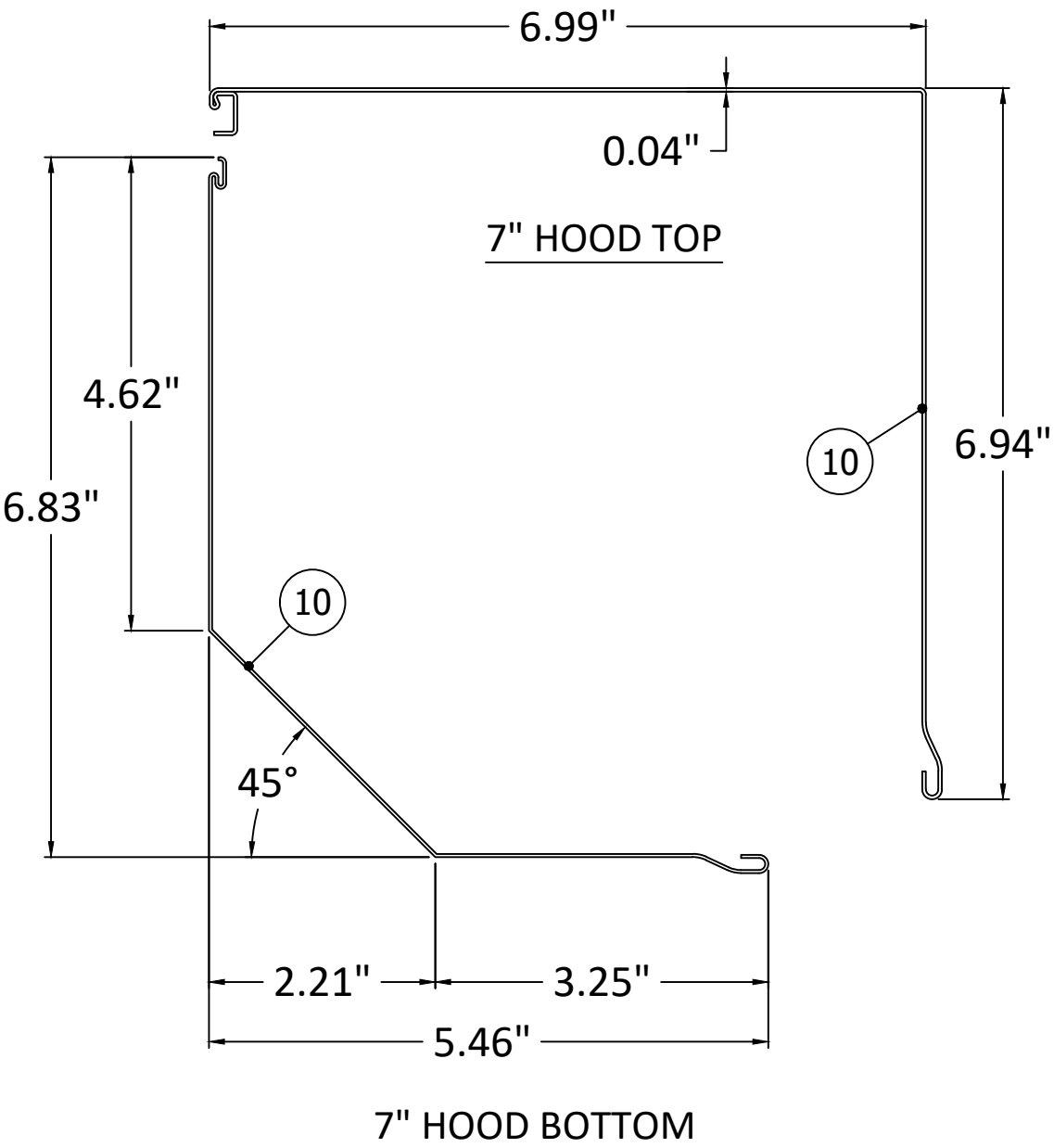
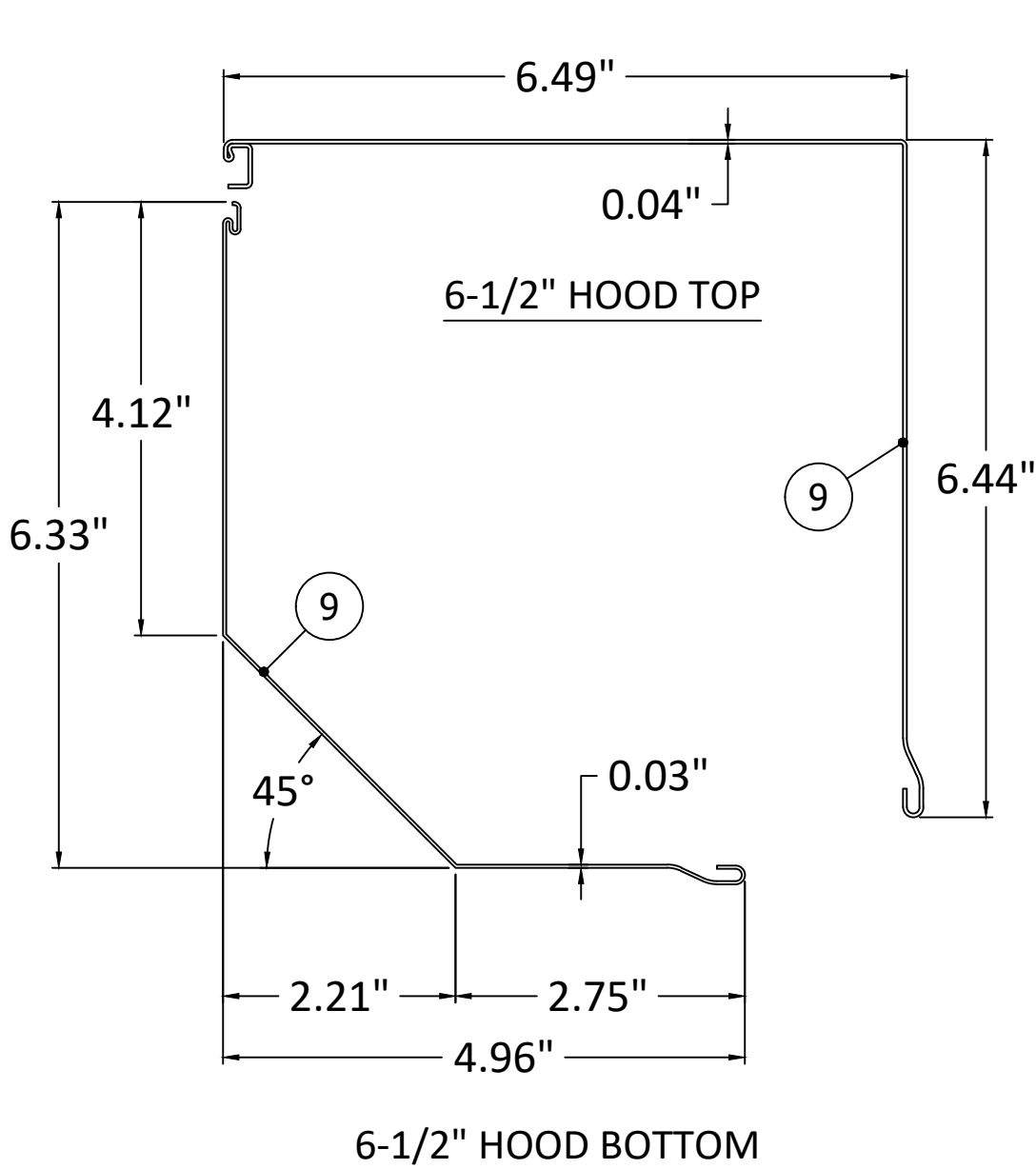
SCALE: NTS

DWG. #: ALU007

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6-1/2" AND 7" HOOD DETAILS



NOTE:  
1. 6-1/2" & 7" HEADER COVERS WORK WITH 4-3/4" & 5-1/4" TUBE AND 60 MM INNER AXEL.



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TITLE: STORM TEX WITH FLEX TRACK  
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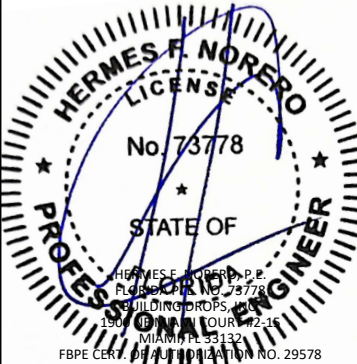
6-1/2" & 7" HOOD DETAILS

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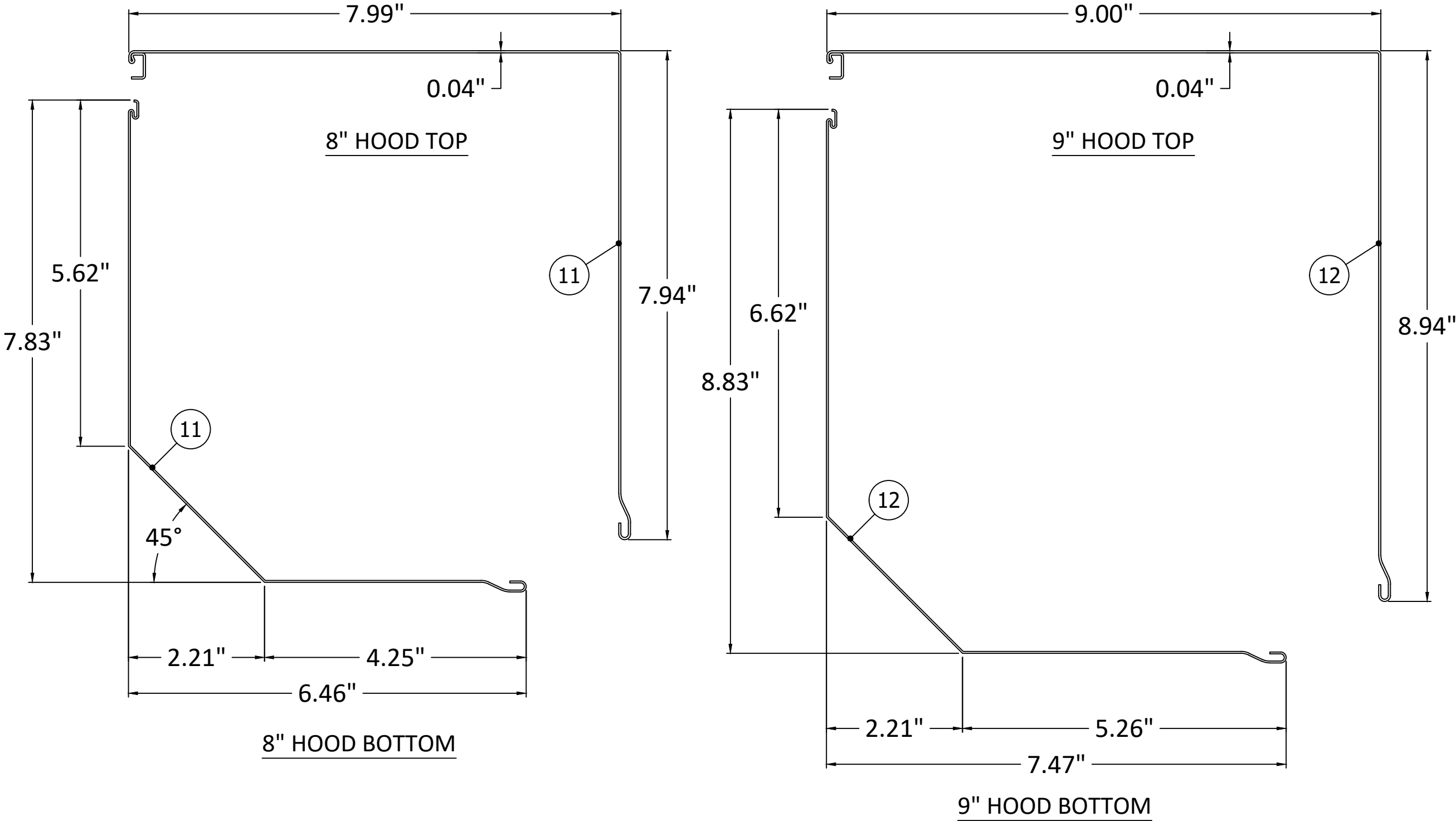
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8" AND 9" HOOD DETAILS



NOTE:  
1. 8" & 9" HEADER COVERS WORK WITH 4-3/4" & 5-1/4" TUBE AND 60 MM INNER AXEL.



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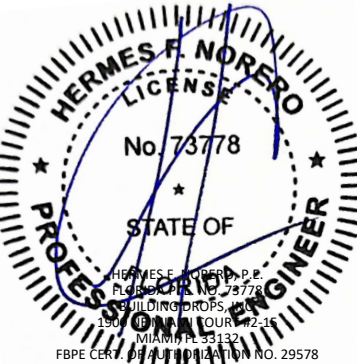
8" & 9" HOOD DETAILS

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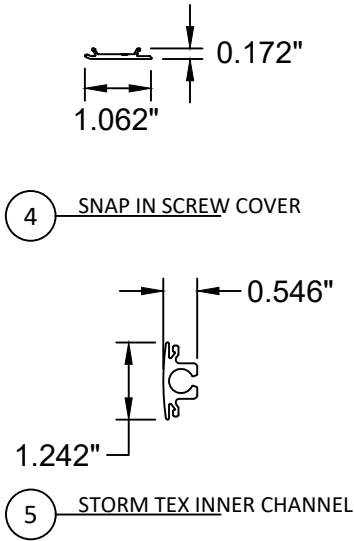
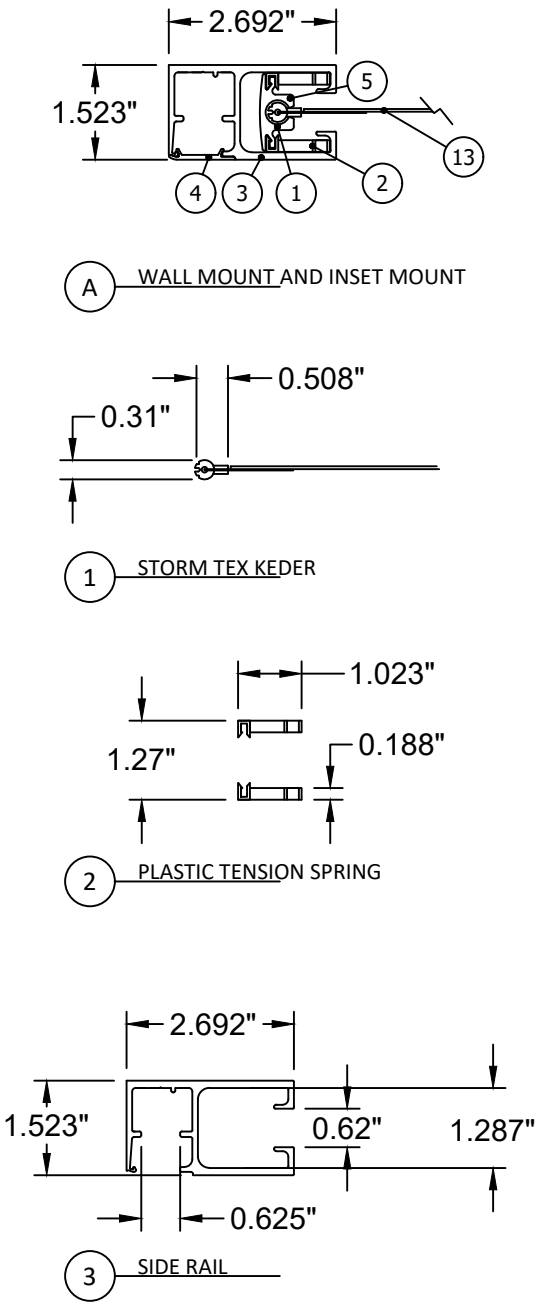


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| DWG. #: ALU007   |                 |
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| BILL OF MATERIALS |                                |                    |
|-------------------|--------------------------------|--------------------|
| ITEM              | DESCRIPTION                    | MATERIAL           |
| 1                 | STORM TEX KEDER                | POM/NYLON          |
| 2                 | PLASTIC TENSION SPRING         | PPE                |
| 3                 | SIDE RAIL                      | ALUMINUM (6061 T6) |
| 4                 | SNAP IN SCREW COVER            | ALUMINUM (6061 T6) |
| 5                 | STORM TEX INNER CHANNEL        | ALUMINUM (6061 T6) |
| 6                 | 4-3/4" TUBE                    | -                  |
| 7                 | 5-1/4" TUBE                    | -                  |
| 8                 | 60mm INNER AXEL                | -                  |
| 9                 | 6-1/2" HOOD CAP (TOP & BOTTOM) | -                  |
| 10                | 7" HOOD CAP (TOP & BOTTOM)     | -                  |
| 11                | 8" HOOD CAP (TOP & BOTTOM)     | -                  |
| 12                | 9" HOOD CAP (TOP & BOTTOM)     | -                  |
| 13                | SCREEN FABRIC                  | -                  |
| 14                | ADJUSTABLE BOTTOM HEMBAR       | -                  |
| 15                | MINI BOTTOM HEMBAR             | -                  |
| 16                | MULLION - 4" x 4" x 1/4"       | ALUMINUM (6063 T6) |
| 17                | MULLION - 6" x 4" x 1/4"       | ALUMINUM (6063 T6) |
| 18                | MULLION - 8" x 4" x 1/4"       | ALUMINUM (6063 T6) |
| 19                | MULLION - 6" x 6" x 1/4"       | ALUMINUM (6063 T6) |



| OMEGA TEX FABRIC<br>MECHANICAL PROPERTIES |             |                          |            |         |
|-------------------------------------------|-------------|--------------------------|------------|---------|
| PROPERTY                                  | TEST METHOD | WARP                     | FILL       | TYPICAL |
| WEIGHT, oz/yd <sup>2</sup>                | D3776-96    | 22.0 ± 0.5               | 13.5 ± 0.5 | 19.0    |
| TENSILE STRENGTH (GRAB), lb               | D5034-95    | 669.40                   | 835.90     | -       |
| TENSILE STRENGTH (STRIP), lb              | D5035-95    | 430.00                   | 259.50     | -       |
| TEAR STRENGTH, lb                         | D1117-97    | 155.80                   | 243.30     | -       |
| ELONGATION, %                             | D5035-95    | 41.20                    | 7.70       | -       |
| ABRASION RESISTANCE                       | D3884-92    | NO EXPOSURE TO CORE YARN |            |         |
| FLAMMABILITY RATING                       |             | CA TITLE 19 & NFPA 701   |            |         |
| WEATHER ABILITY, 1200 HOURS               | G53-96      | TRACE DISCOLORATION      |            |         |
| BALL BURST, lb                            | D3787       |                          |            | 460+    |
| BURSTING STRENGTH, psi                    | D3786       |                          |            | 1250+   |
| PUNCTURE RESISTANCE, lb                   | D4833       |                          |            | 364     |



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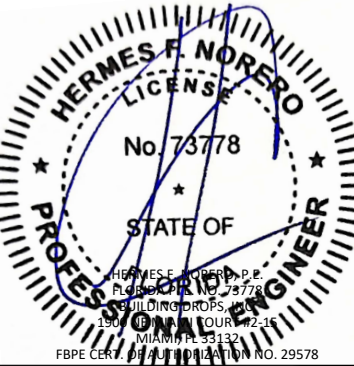
BILL OF MATERIALS &  
COMPONENTS

BUILDING DROPS, INC.  
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