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ALUTECH UNITED, INC.

STORM TEX WITH FLEX TRACK SCREEN SYSTEM (WZ4) (IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- 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.
- 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.
- 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.
- INSTALLATION OF ROLL DOWN MAY EITHER BE INSIDE OR OUTSIDE OF THE TIE BEAM.
- ALL EXTRUSION MATERIAL: 6061-T6 ALUMINUM ALLOY, UNLESS OTHERWISE NOTED.
- 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.
- FOR DESIGN PRESSURES SEE SHEET 2. SEE SHEETS 13, 15 AND 16 FOR DESIGN PRESSURES BASED ON MULLIONS.
- HOOD ASSEMBLY IS IMPACT RATED AND CAN BE PLACED INSIDE FRAME OPENING AS AN EXPOSED FEATURE.
- SHUTTER MANUFACTURER LABEL SHALL BE LOCATED IN A READILY VISIBLE LOCATION, PER FBC CHAPTER 17.

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 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.
- 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.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI. SEE ANCHOR SCHEDULES, SHEETS 7, 8, 9, 11, 12, 14 AND 17 FOR ADDITIONAL REQUIREMENTS.
 - GROUT FILLED MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MIN 2000 PSI.
 - STEEL - MINIMUM A36, 3/16" THICKNESS
 - ALUMINUM - MINIMUM 6063-T6 1/4" THICKNESS.

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21	BILL OF MATERIALS & COMPONENTS

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Reason: I am approving this document
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117 DIXON STREET
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TITLE: STORM TEX WITH FLEX TRACK SCREEN SYSTEM (WZ4) (IMPACT)

GENERAL & INSTALLATION NOTES

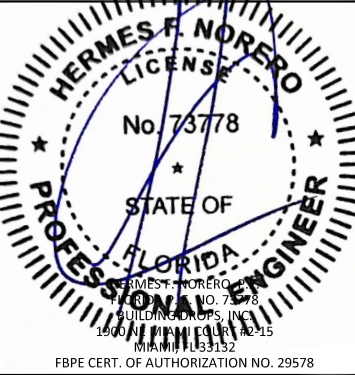
PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
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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.



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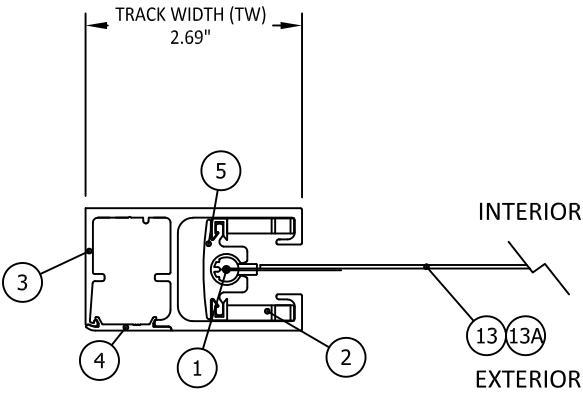
DWG. #: ALU008

SHEET: 1 OF 21

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

- NOTES:
- GLASS SEPARATION REQUIREMENTS TO BE DETERMINED BY AHJ OUTSIDE OF HVHZ REGION.
 - APPROPRIATE INSTALLATION METHOD SHALL BE USED TO ACHIEVE THE REQUIRED SEPARATION.



SIDE TRACK ASSEMBLY



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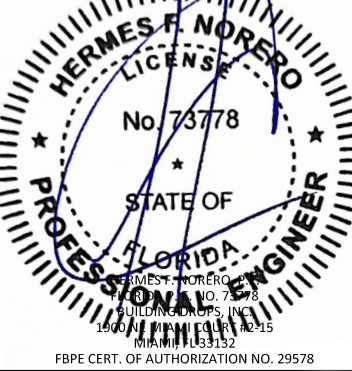
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(WZ4) (IMPACT)
ELEVATION & DESIGN PRESSURE
TABLE

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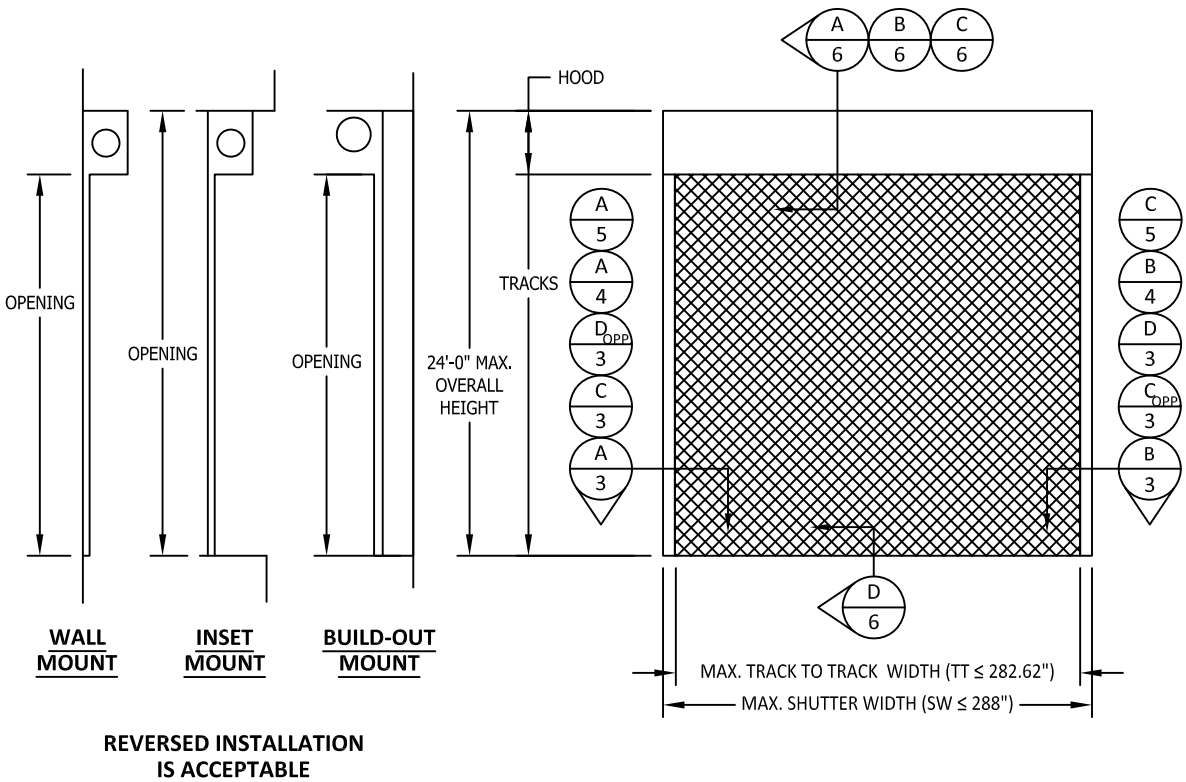
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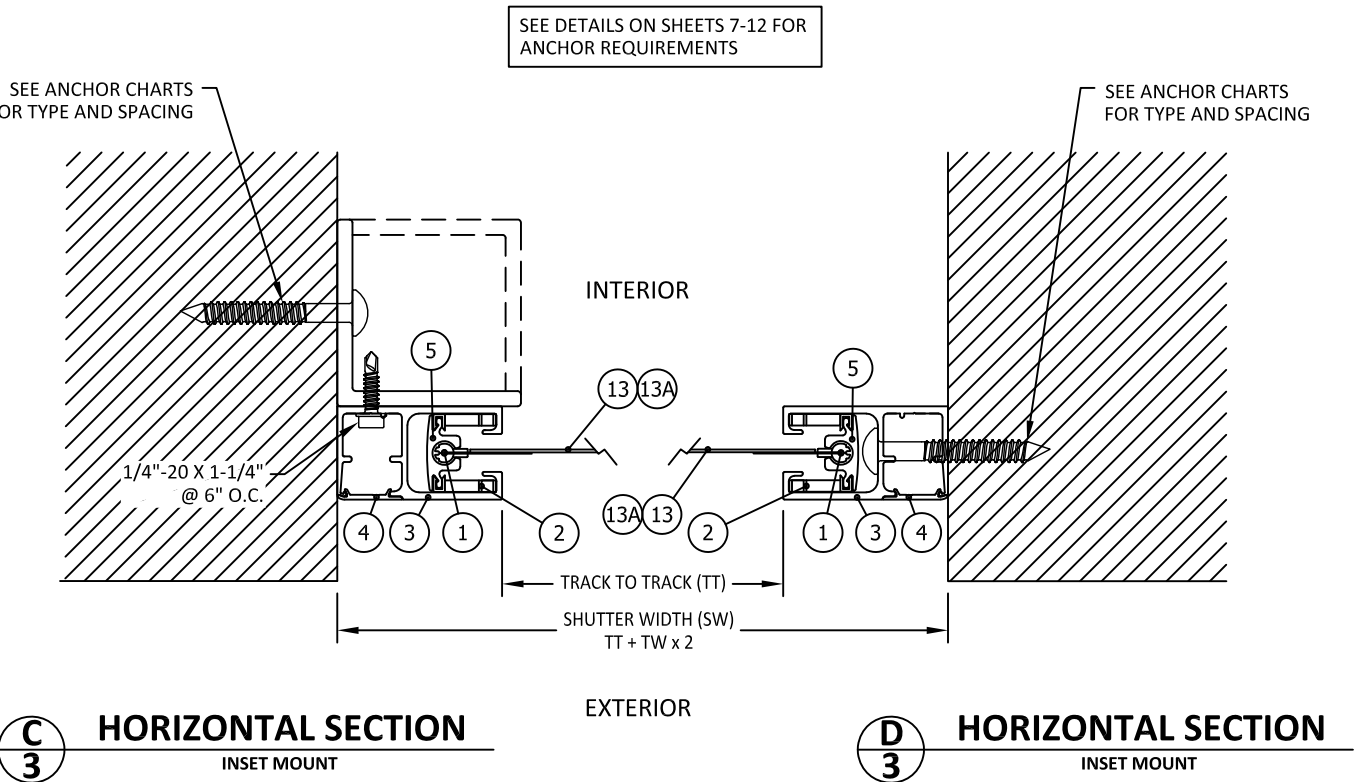
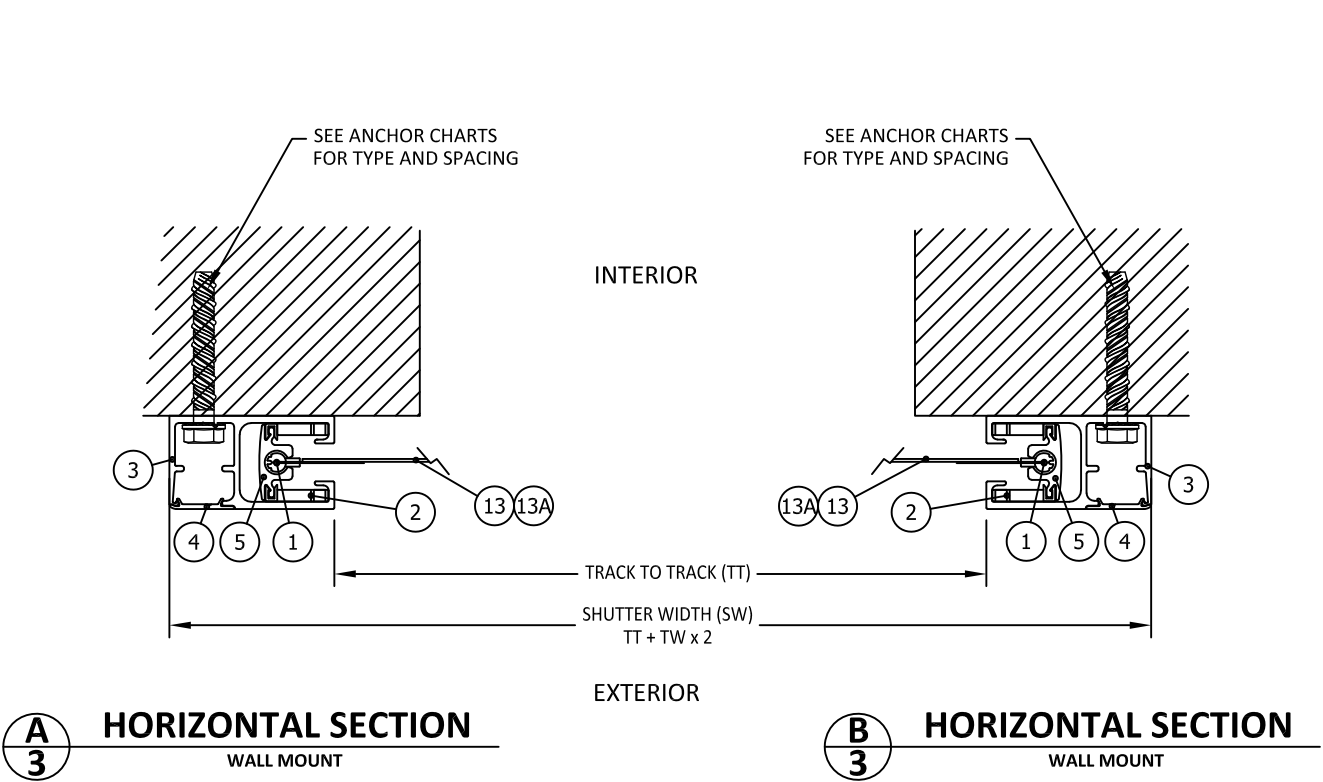
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TYPICAL SINGLE UNIT ELEVATION
WALL AND INSET MOUNT DETAILS



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



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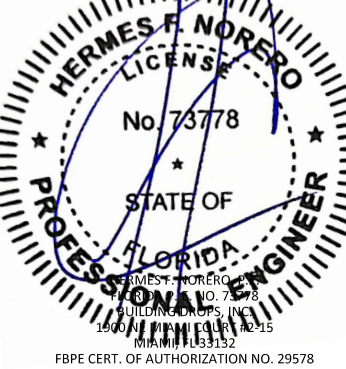
TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(WZ4) (IMPACT)
TYP. SINGLE UNIT
HORIZONTAL SECTIONS

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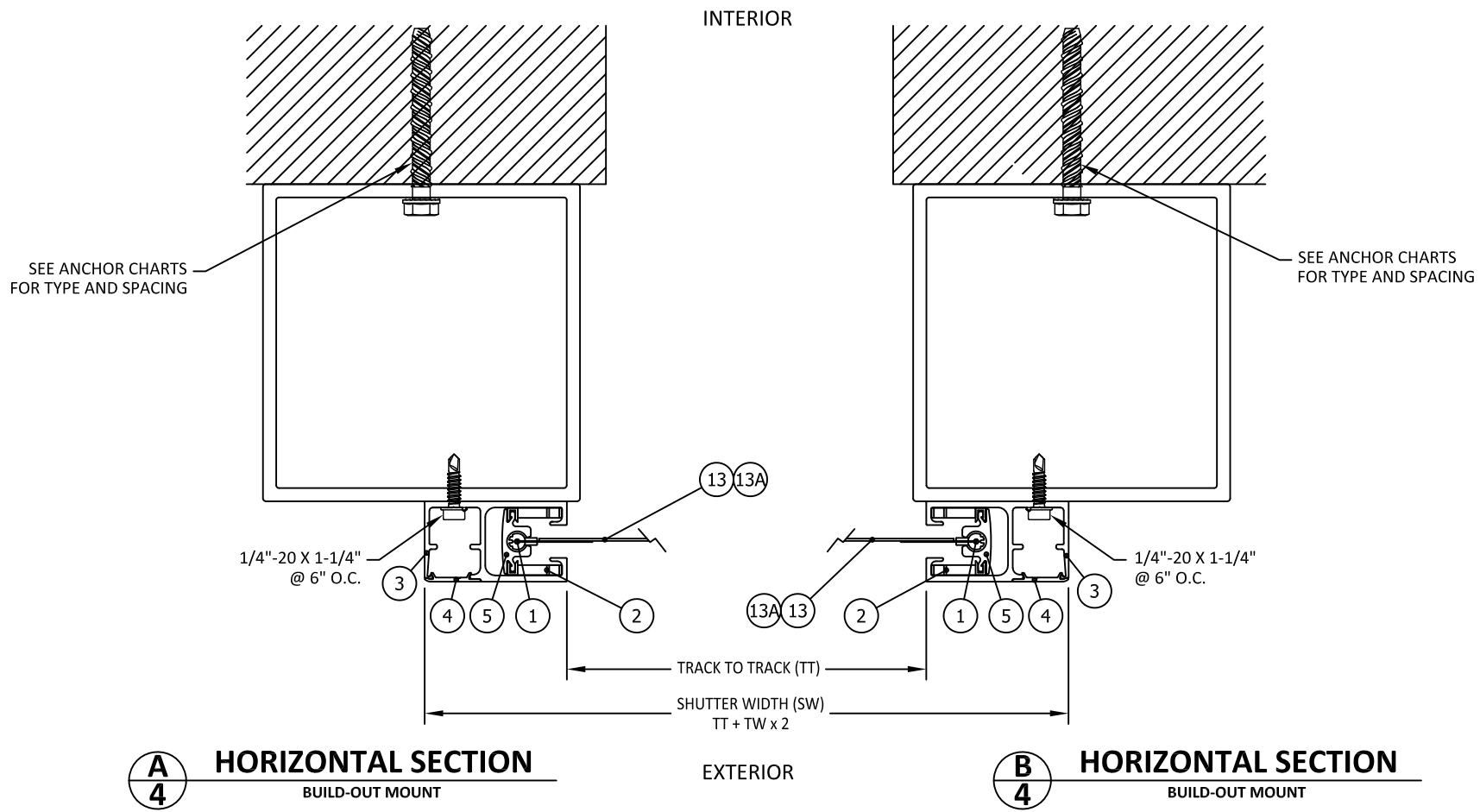
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BUILD OUT MOUNT DETAILS



A HORIZONTAL SECTION BUILD-OUT MOUNT

B HORIZONTAL SECTION BUILD-OUT MOUNT

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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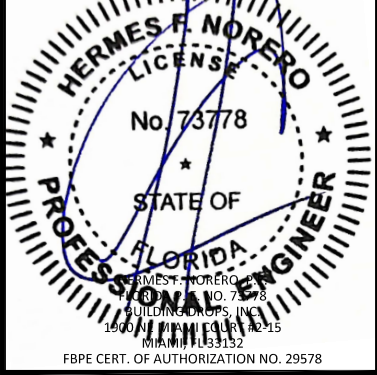
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BUILD OUT MOUNT DETAILS

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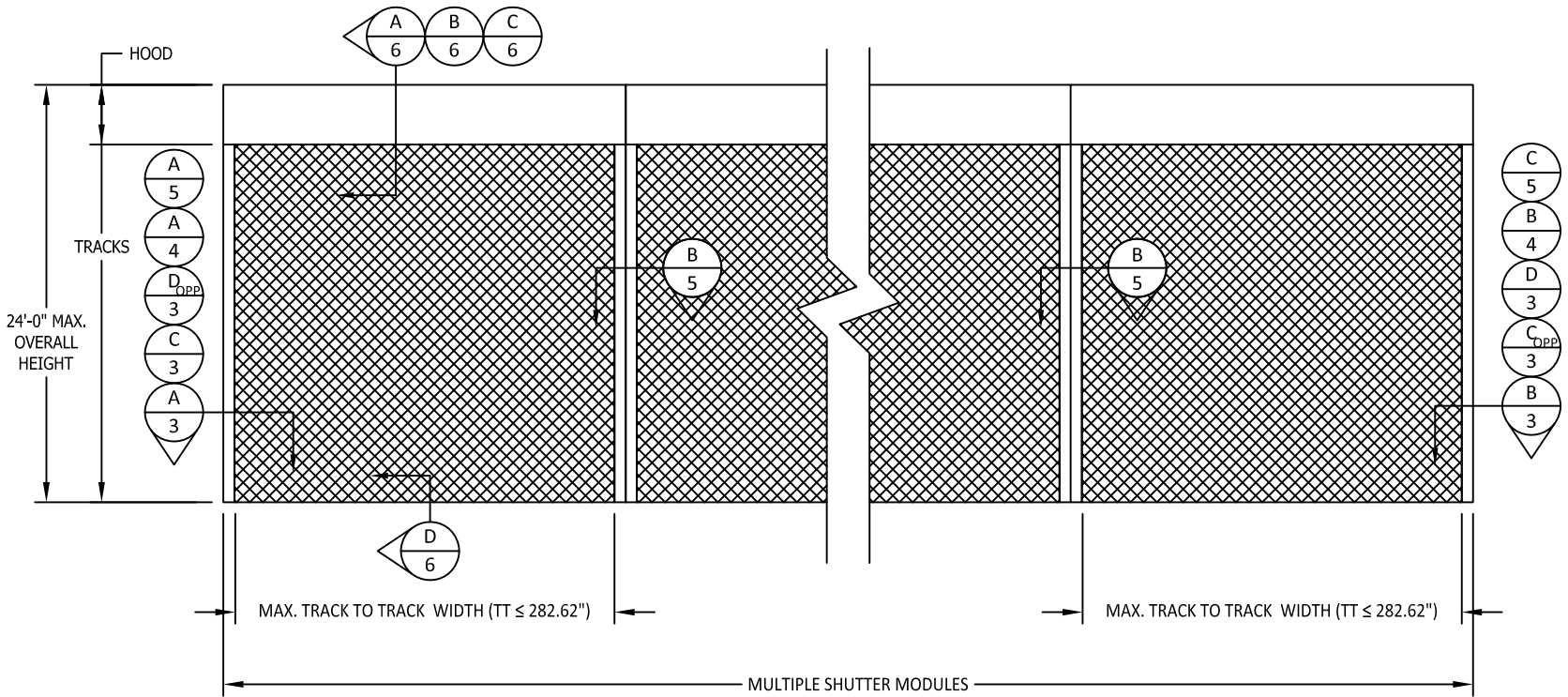
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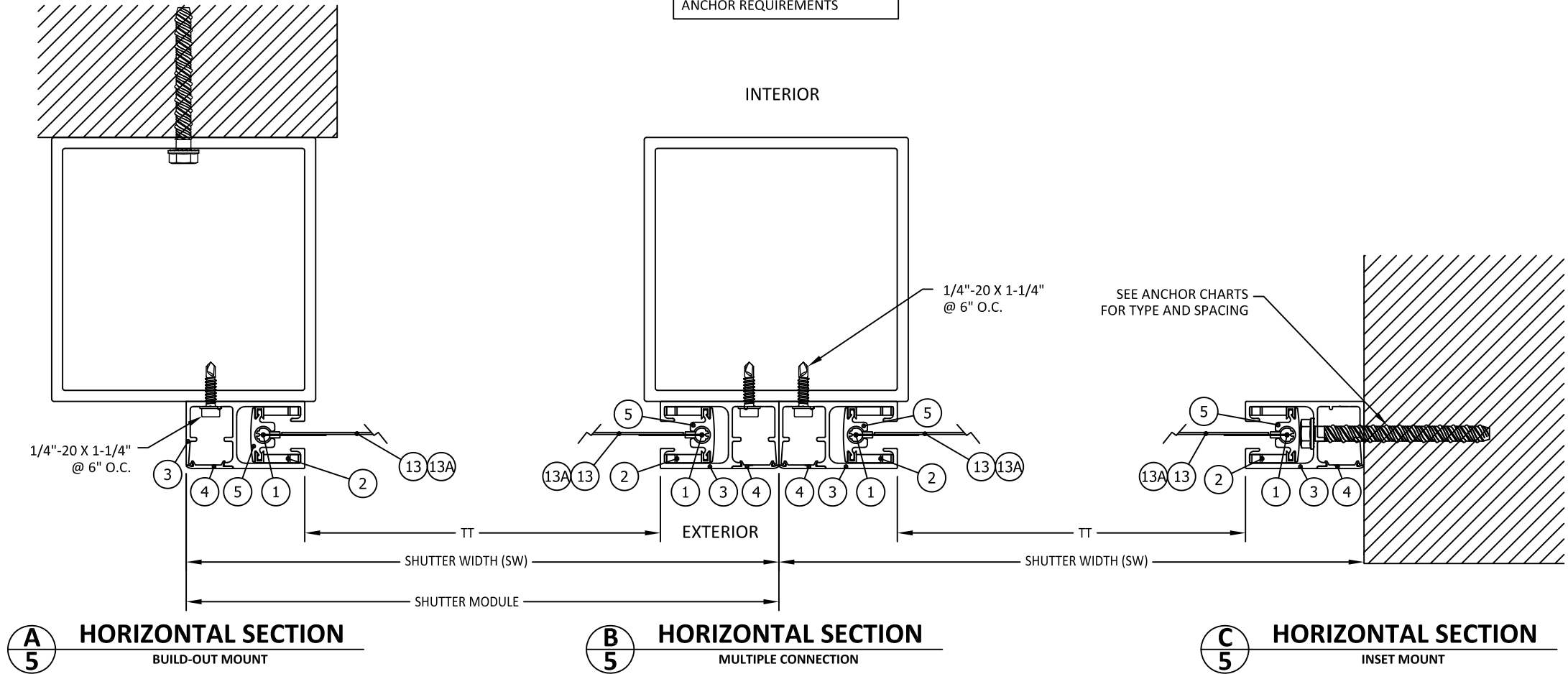
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TYPICAL MULTIPLE UNITS ELEVATION



SEE DETAILS ON SHEETS 7-12 FOR ANCHOR REQUIREMENTS



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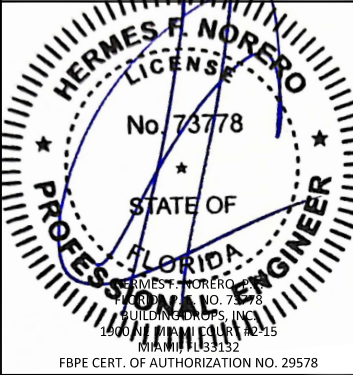
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SCREEN SYSTEM
(WZ4) (IMPACT)
MULTIPLE UNITS
HORIZONTAL SECTIONS

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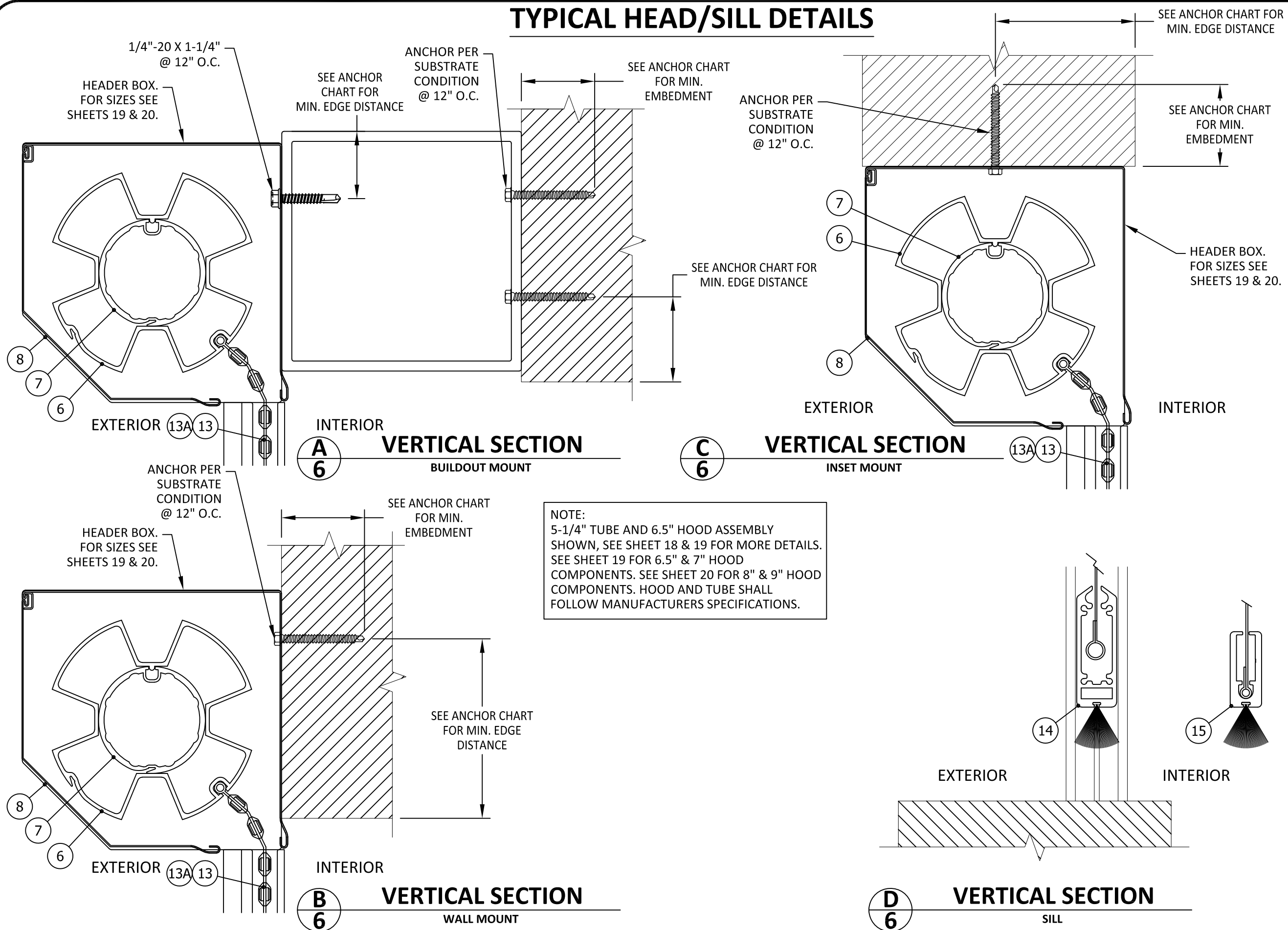
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DWG. #: ALU008

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**TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(WZ4) (IMPACT)**

TYP. VERTICAL SECTIONS

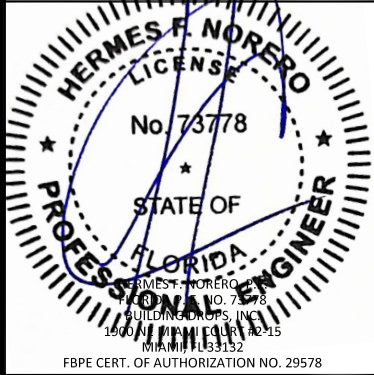
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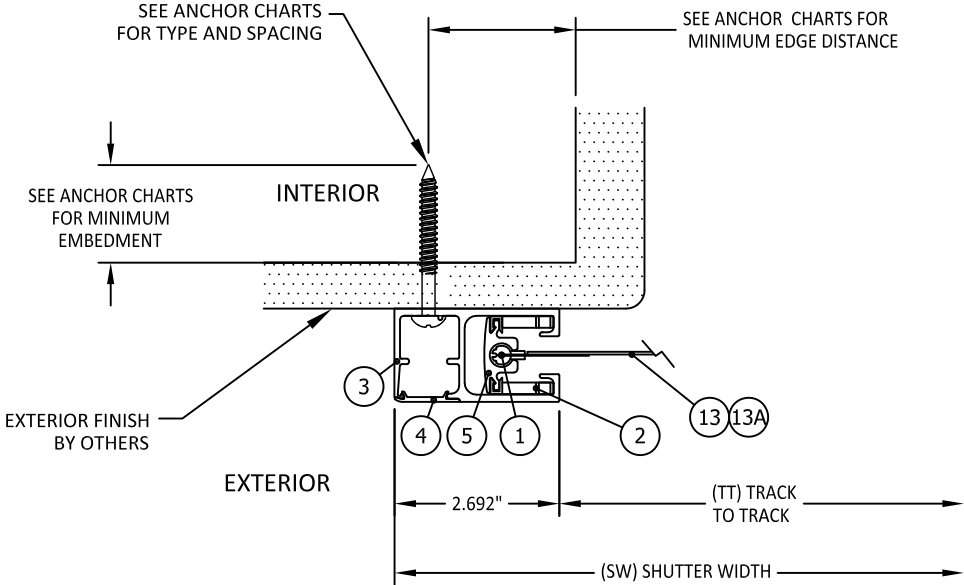
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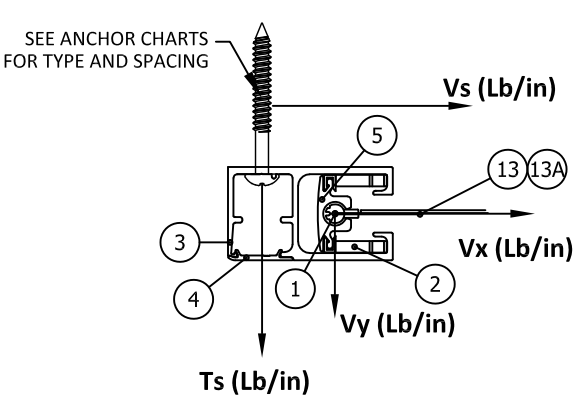
SHEET: OF 21

TABLE 3 - ANCHOR SPACING						ANCHOR TYPE & SPACING WALL - MOUNT 1						ANCHOR TYPE & SPACING 1X2, 2X3 OR 2X4 BO - MOUNT 2						ANCHOR TYPE & SPACING 2X2, 4X4 OR 6X6 BO - MOUNT 2					
SW	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	6	6	5	6	6	6
	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	5	5	4	5	5	5
	65	21.7	68.1	68.1	219.4	6	6	6	6	6	6	6	6	5	6	6	6	5	5	4	4	4	4
	70	23.3	70.1	70.1	227.5	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	5	6	6	6	4	4	3	4	4	4
	80	26.7	73.8	73.8	242.4	6	6	6	6	6	6	6	6	4	6	6	6	4	4	3	4	4	4
	85	28.3	75.4	75.4	249.3	6	6	6	6	6	6	6	6	4	6	6	5	4	4	3	3	4	3
102	90	30.0	76.9	76.9	255.8	6	6	6	6	6	6	6	6	4	5	5	5	3	3	3	3	3	3
	95	31.7	78.2	78.2	262.1	6	6	6	6	6	6	5	5	4	5	5	5	3	3	3	3	3	3
	100	33.3	79.5	79.5	268.0	6	6	6	6	6	6	5	5	4	5	5	5	3	3	-	3	3	3
	105	35.0	80.7	80.7	273.8	6	6	6	6	6	6	5	5	3	5	5	5	3	3	-	3	3	3
	110	36.7	81.9	81.9	279.3	6	6	6	6	6	6	5	5	3	4	5	4	3	3	-	3	3	3
	115	38.3	82.9	82.9	284.7	6	6	6	6	6	6	5	5	3	4	4	4	3	3	-	3	3	3
	120	40.0	83.9	83.9	289.8	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	3	3	3
	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	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	6	4	5	6	5
108	55	19.5	64.3	64.3	205.7	6	6	6	6	6	6	6	6	6	6	6	6	5	5	4	5	5	5
	60	21.3	67.0	67.0	216.0	6	6	6	6	6	6	6	6	5	6	6	6	5	5	4	5	5	4
	65	23.0	69.6	69.6	225.6	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	5	6	6	6	4	4	3	4	4	4
	75	26.6	74.1	74.1	243.1	6	6	6	6	6	6	6	6	4	6	6	6	4	4	3	4	4	4
	80	28.3	76.1	76.1	251.2	6	6	6	6	6	6	6	6	4	6	6	5	4	4	3	3	3	3
	85	30.1	77.9	77.9	258.9	6	6	6	6	6	6	6	6	4	5	5	5	3	3	3	3	3	3
	90	31.9	79.6	79.6	266.2	6	6	6	6	6	6	5	5	4	5	5	5	3	3	-	3	3	3
	95	33.6	81.2	81.2	273.2	6	6	6	6	6	6	5	5	3	5	5	5	3	3	-	3	3	3
	100	35.4	82.7	82.7	279.9	6	6	6	6	6	6	5	5	3	4	5	4	3	3	-	3	3	3
	105	37.2	84.2	84.2	286.4	6	6	6	6	6	6	5	5	3	4	4	4	3	3	-	3	3	3
108	110	39.0	85.5	85.5	292.6	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	3	3	3
	115	40.7	86.7	86.7	298.6	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	-	-	-
	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	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	6	5	6	6	6
	50	18.8	62.1	62.1	198.8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	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	5	5	4	5	5	5
	60	22.5	68.5	68.5	221.8	6	6	6	6	6	6	6	6	5	6	6	6	5	5	3	4	4	4
	65	24.4	71.3	71.3	232.2	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	4	6	6	6	4	4	3	4	4	4
	75	28.1	76.3	76.3	251.4	6	6	6	6	6	6	6	6	4	6	6	5	4	4	3	3	3	3
	80	30.0	78.5	78.5	260.3	6	6	6	6	6	6	6	6	4	5	5	5	3	3	3	3	3	3
	85	31.9	80.6	80.6	268.8	6	6	6	6	6	6	5	5	4	5	5	5	3	3	-	3	3	3
	90	33.8	82.5	82.5	276.9	6	6	6	6	6	6	5	5	3	5	5	4	3	3	-	3	3	3
	95	35.6	84.3	84.3	284.6	6	6	6	6	6	6	5	5	3	4	4	4	3	3	-	3	3	3
	100	37.5	86.0	86.0	292.0	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	3	3	3
	105	39.4	87.6	87.6	299.2	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	-	-	-
	110	41.3	89.1	89.1	306.1	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-	-
	115	43.1	90.6	90.6	312.7	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-	-

TYPICAL HORIZONTAL SECTIONS
WALL MOUNT



A
7
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 XL	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 XL	GROUT FILLED C-90 BLOCK, f'm ≥ 2000 PSI	4"	2 1/4"
E	1/4" GRADE 5 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 ULTRA CON	WOOD, MIN. SG = 0.55	1 1/2"	2"



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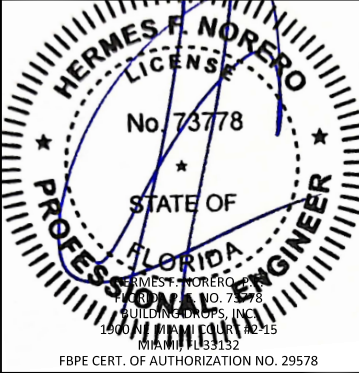
TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(WZ4) (IMPACT)
HORIZONTAL SECTIONS &
ANCHOR SCHEDULE

PREPARED BY:
BUILDING DROPS, INC.
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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 THE PROJECT.



FL47087

DATE: **11.20.2024**

DWG. BY: **MS** CHK. BY: **HFN**

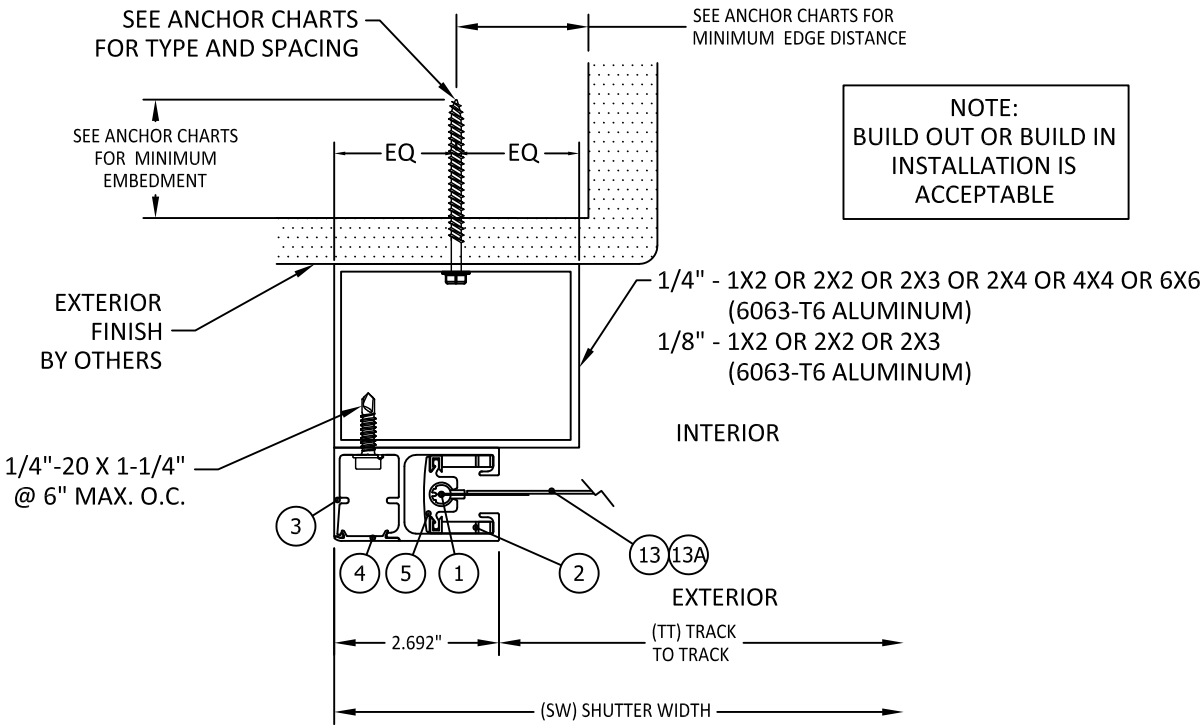
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DWG. #: **ALU008**

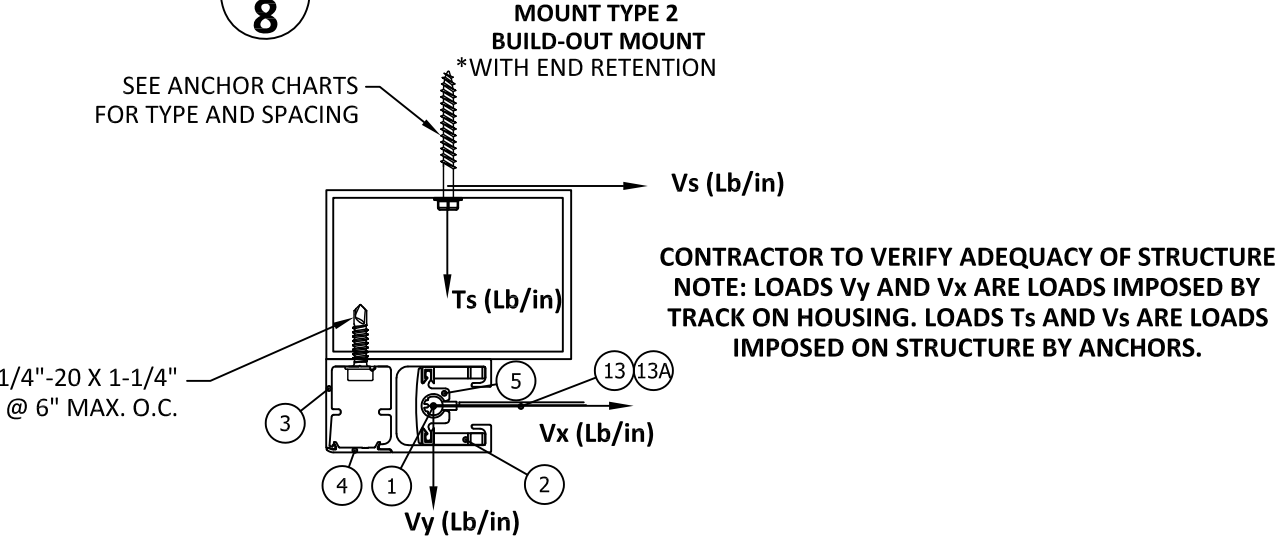
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TABLE 3 - ANCHOR SPACING						ANCHOR TYPE & SPACING WALL - MOUNT 1						ANCHOR TYPE & SPACING 1X2, 2X3 OR 2X4 BO - MOUNT 2						ANCHOR TYPE & SPACING 2X2, 4X4 OR 6X6 BO - MOUNT 2					
SW	DP	VY	VX	Vs	Ts	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
114	35	13.9	50.6	50.6	159.9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	40	15.8	55.2	55.2	175.5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6
	45	17.8	59.4	59.4	190.0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6
	50	19.8	63.3	63.3	203.5	6	6	6	6	6	6	6	6	6	6	6	6	5	5	4	5	5	5
	55	21.8	66.8	66.8	216.1	6	6	6	6	6	6	6	6	5	6	6	6	5	5	4	5	5	4
	60	23.8	70.1	70.1	228.1	6	6	6	6	6	6	6	6	5	6	6	6	4	4	3	4	4	4
	65	25.7	73.1	73.1	239.3	6	6	6	6	6	6	6	6	4	6	6	6	4	4	3	4	4	4
	70	27.7	75.9	75.9	250.0	6	6	6	6	6	6	6	6	4	6	6	5	4	4	3	3	3	3
	75	29.7	78.6	78.6	260.1	6	6	6	6	6	6	6	6	4	5	5	5	3	3	3	3	3	3
	80	31.7	81.0	81.0	269.7	6	6	6	6	6	6	5	5	4	5	5	5	3	3	-	3	3	3
	85	33.6	83.3	83.3	278.9	6	6	6	6	6	6	5	5	3	5	5	4	3	3	-	3	3	3
	90	35.6	85.5	85.5	287.7	6	6	6	6	6	6	5	5	3	4	4	4	3	3	-	3	3	3
	95	37.6	87.5	87.5	296.2	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	3	3	-
120	100	39.6	89.4	89.4	304.3	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-	-
	105	41.6	91.2	91.2	312.1	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-	-
	110	43.5	92.9	92.9	319.6	6	6	6	6	6	6	4	4	3	3	3	3	-	-	-	-	-	-
	35	14.6	51.9	51.9	164.4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	40	16.7	56.0	56.0	179.0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6
	45	18.8	60.5	60.5	194.2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	6	6	5
	50	20.8	64.6	64.6	208.5	6	6	6	6	6	6	6	6	6	6	6	6	5	5	4	5	5	5
	55	22.9	68.3	68.3	222.0	6	6	6	6	6	6	6	6	5	6	6	6	5	5	3	4	4	4
	60	25.0	71.8	71.8	234.7	6	6	6	6	6	6	6	6	5	6	6	6	4	4	3	4	4	4
	65	27.1	75.1	75.1	246.7	6	6	6	6	6	6	6	6	4	6	6	6	4	4	3	4	4	4
	70	29.2	78.1	78.1	258.1	6	6	6	6	6	6	6	6	4	5	5	5	3	3	3	3	3	3
	75	31.3	81.0	81.0	269.0	6	6	6	6	6	6	5	5	4	5	5	5	3	3	-	3	3	3
	80	33.3	83.6	83.6	279.3	6	6	6	6	6	6	5	5	3	5	5	4	3	3	-	3	3	3
132	85	35.4	86.1	86.1	289.3	6	6	6	6	6	6	5	5	3	4	4	4	3	3	-	3	3	3
	90	37.5	88.5	88.5	298.8	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	-	-	-
	95	39.6	90.7	90.7	307.9	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-	-
	100	41.7	92.8	92.8	316.7	6	6	6	6	6	6	4	4	3	4	4	3	-	-	-	-	-	-
	105	43.8	94.7	94.7	325.1	6	6	6	6	6	6	4	4	-	3	3	3	-	-	-	-	-	-
	110	45.8	96.6	96.6	333.3	6	6	6	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	35	16.0	58.0	58.0	183.5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6
	40	18.3	62.3	62.3	198.7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	5	5	5
	45	20.6	66.1	66.1	212.6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	4	5	5	5
	50	22.9	69.5	69.5	225.3	6	6	6	6	6	6	6	6	5	6	6	6	4	4	3	4	4	4
	55	25.2	72.6	72.6	237.0	6	6	6	6	6	6	6	6	5	6	6	6	4	4	3	4	4	4
	60	27.5	75.6	75.6	248.7	6	6	6	6	6	6	6	6	4	6	6	6	4	4	3	4	4	3
	65	29.8	79.3	79.3	262.2	6	6	6	6	6	6	5	5	4	5	5	5	3	3	3	3	3	3
	70	32.1	82.7	82.7	275.0	6	6	6	6	6	6	5	5	3	5	5	5	3	3	-	3	3	3
	75	34.4	86.0	86.0	287.3	6	6	6	6	6	6	5	5	3	4	4	4	3	3	-	3	3	3
	80	36.7	89.0	89.0	299.1	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	-	-	-
	85	39.0	91.9	91.9	310.4	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-	-
	90	41.3	94.6	94.6	321.2	6	6	6	6	6	6	4	4	3	3	3	3	-	-	-	-	-	-
	95	43.5	97.2	97.2	331.7	6	6	6	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	100	45.8	99.6	99.6	341.7	6	6	6	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	105	48.1	102.0	102.0	351.5	6	6	6	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-

TYPICAL HORIZONTAL SECTIONS
BUILD OUT



A
8
HORIZONTAL SECTION



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 XL	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 XL	GROUT FILLED C-90 BLOCK, f'm ≥ 2000 PSI	4"	2 1/4"
E	1/4" GRADE 5 SELF-DRILLING SCREW	MIN. 1/4" 6063-T6 ALUM. MIN. 3/16" A36 STEEL	1/2" 3/8"	3 THREADS PENETRATION
F	5/16" DEWALT/ELCO ULTRACON	WOOD, MIN. SG = 0.55	1 1/2"	2"



117 DIXON STREET
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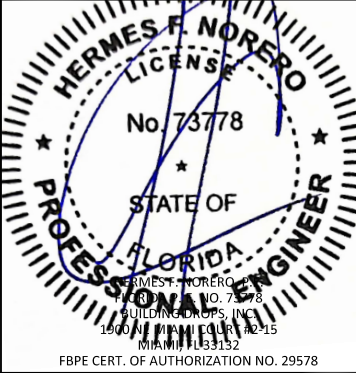
TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(WZ4) (IMPACT)
HORIZONTAL SECTIONS &
ANCHOR SCHEDULE

PREPARED BY:
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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 TO BE USED WITH THIS DOCUMENT.



FL47087

DATE: 11.20.2024

DWG. BY: MS
CHK. BY: HFN

SCALE: NTS

DWG. #: ALU008

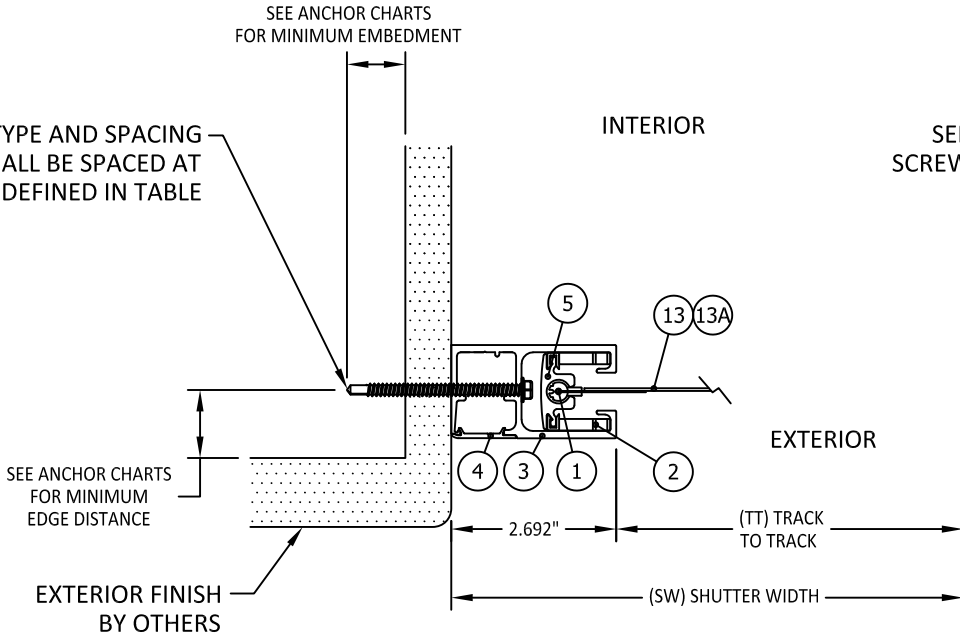
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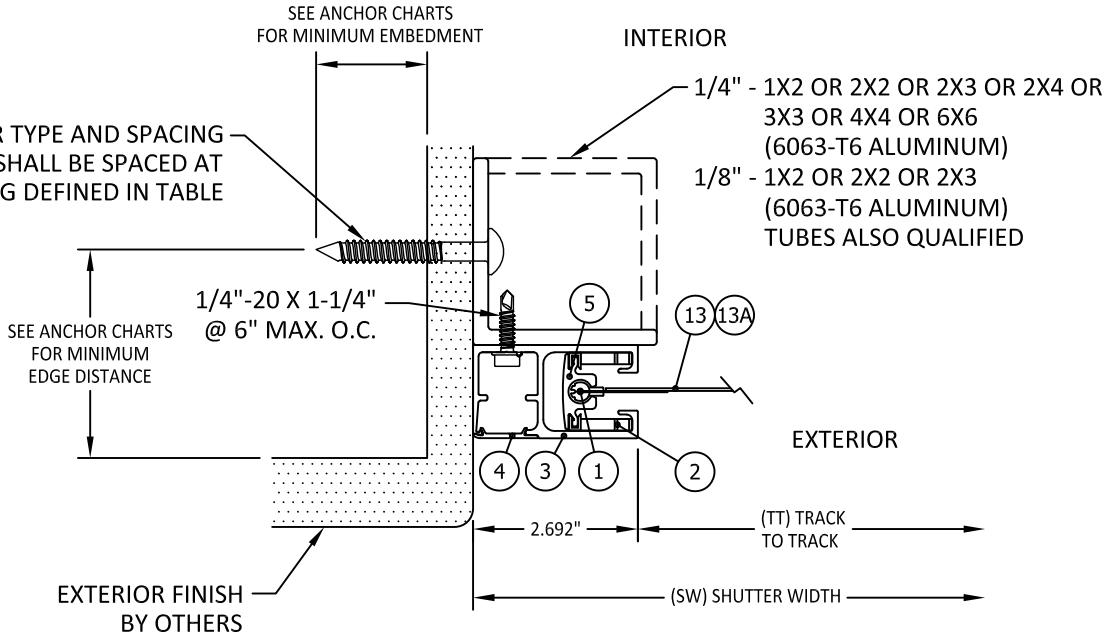
TABLE 3 - ANCHOR SPACING						ANCHOR TYPE & SPACING WALL - MOUNT 1						ANCHOR TYPE & SPACING 1X2, 2X3 OR 2X4 BO - MOUNT 2						ANCHOR TYPE & SPACING 2X2, 4X4 OR 6X6 BO - MOUNT 2					
SW	DP	VY	VX	Vs	Ts	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
144	35	17.5	64.2	64.2	202.7	6	6	6	6	6	6	6	6	6	6	6	6	5	5	4	5	5	5
	40	20.0	68.7	68.7	218.7	6	6	6	6	6	6	6	6	5	6	6	6	5	5	4	4	4	4
	45	22.5	72.6	72.6	233.3	6	6	6	6	6	6	6	6	5	6	6	6	4	4	3	4	4	4
	50	25.0	76.1	76.1	246.5	6	6	6	6	6	6	6	6	4	6	6	6	4	4	3	4	4	3
	55	27.5	79.3	79.3	258.8	6	6	6	6	6	6	6	6	4	5	5	5	3	3	3	3	3	3
	60	30.0	82.1	82.1	270.2	6	6	6	6	6	6	5	5	4	5	5	5	3	3	-	3	3	3
	65	32.5	84.6	84.6	280.8	6	6	6	6	6	6	5	5	3	4	5	4	3	3	-	3	3	3
	70	35.0	87.5	87.5	292.5	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	3	3	3
	75	37.5	91.2	91.2	306.2	6	6	6	6	6	6	4	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	3	-	-	-	-	-
156	85	42.5	97.8	97.8	331.9	6	6	6	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	90	45.0	100.9	100.9	344.0	6	6	6	6	6	6	3	3	-	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	-	-	-	-	-	-
	35	19.0	70.4	70.4	221.9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6
	40	21.7	75.1	75.1	238.8	6	6	6	6	6	6	6	6	6	6	6	6	5	5	4	5	5	5
	45	24.4	79.1	79.1	253.9	6	6	6	6	6	6	6	6	5	6	6	6	4	4	3	4	4	4
	50	27.1	82.7	82.7	267.8	6	6	6	6	6	6	6	6	4	6	6	6	4	4	3	4	4	4
	55	29.8	85.9	85.9	280.6	6	6	6	6	6	6	5	5	4	5	5	5	3	3	3	3	3	3
	60	32.5	88.8	88.8	292.4	6	6	6	6	6	6	5	5	3	5	5	4	3	3	-	3	3	3
168	65	35.2	91.4	91.4	303.4	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	3	3	-
	70	37.9	93.7	93.7	313.8	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	3	3	-	3	3	3	-	-	-	-	-	-
	80	43.3	100.3	100.3	339.8	6	6	6	6	6	6	3	3	-	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	5	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	95	51.5	110.6	110.6	380.1	6	6	5	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-
	35	19.0	76.6	76.6	239.1	6	6	6	6	6	6	6	6	4	6	6	6	4	4	3	4	4	4
	40	21.7	81.4	81.4	256.4	6	6	6	6	6	6	6	6	4	5	5	5	3	3	3	3	3	3
	45	24.4	85.6	85.6	271.9	6	6	6	6	6	6	5	5	3	5	5	5	3	3	-	3	3	3
180	50	27.1	89.3	89.3	286.1	6	6	6	6	6	6	5	5	3	4	4	4	3	3	-	3	3	3
	55	29.8	92.6	92.6	299.0	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	-	-	-
	60	32.5	95.5	95.5	311.0	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-	-
	65	35.2	98.1	98.1	322.1	6	6	6	6	6	6	4	4	3	3	4	3	-	-	-	-	-	-
	70	37.9	100.5	100.5	332.5	6	6	6	6	6	6	4	4	-	3	3	3	-	-	-	-	-	-
	75	40.6	102.6	102.6	342.4	6	6	6	6	6	6	3	3	-	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	-	-	-	-	-	-	-	-	-	-
	35	21.9	82.8	82.8	260.5	6	6	6	6	6	6	6	6	4	5	5	5	3	3	-	3	3	3
180	40	25.0	87.8	87.8	278.9	6	6	6	6	6	6	5	5	3	5	5	5	3	3	-	3	3	3
	45	28.1	92.2	92.2	295.4	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	-	3	-
	50	31.3	95.9	95.9	310.4	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-	-
	55	34.4	99.3	99.3	324.1	6	6	6	6	6	6	4	4	-	3	3	3	-	-	-	-	-	-
	60	37.5	102.2	102.2	336.8	6	6	6	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	65	40.6	104.9	104.9	348.7	6	6	6	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	70	43.8	107.3	107.3	359.8	6	6	6	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	75	46.9	109.4	109.4	370.3	6	6	5	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	-	-	-	-	-	-	-	-	-	-

TABLE 3 - ANCHOR SPACING						ANCHOR TYPE & SPACING WALL - MOUNT 1						ANCHOR TYPE & SPACING 1X2, 2X3 OR 2X4 BO - MOUNT 2						ANCHOR TYPE & SPACING 2X2, 4X4 OR 6X6 BO - MOUNT 2					
SW	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	85.9	85.9	271.0	6	6	6	6	6	6	5	5	4	5	5	5	3	3	-	3	3	3
	40	26.7	90.7	90.7	289.1	6	6	6	6	6	6	5	5	3	4	4	4	3	3	-	3	3	3
	45	30.0	94.8	94.8	305.3	6	6	6	6	6	6	4	4	3	4	4	4	4	-	-	-	-	-
	50	33.3	98.3	98.3	319.9	6	6	6	6	6	6	4	4	3	4	4	3	-	-	-	-	-	-
	55	36.7	101.5	101.5	333.4	6	6	6	6	6	6	4	4	-	3	3	3	-	-	-	-	-	-
	60	40.0	104.2	104.2	345.9	6	6	6	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	65	43.3	106.7	106.7	357.5	6	6	6	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	70	46.7	108.9	108.9	368.4	6	6	5	6	6	6	3	3	-	3	3	3	-	-	-	-	-	-
	75	50.0	110.8	110.8	378.7	6	6	5	6	6	6	3	3	-	-	3	-	-	-	-	-	-	-
80	53.3	115.2	115.2	395.6	6	6	5	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-	
216	35	26.3	74.2	74.2	243.0	6	6	6	6	6	6	6	6	4	6	6	6	4	4	3	4	4	4
	40	30.0	77.9	77.9	258.7	6	6	6	6	6	6	6	6	4	5	5	5	3	3	3	3	3	3
	45	33.8	81.1	81.1	272.9	6	6	6	6	6	6	5	5	3	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	4	4	4	3	3	-	3	3	3
	55	41.3	89.3	89.3	306.5	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-	-
	60	45.0	93.3	93.3	322.9	6	6	6	6	6	6	4	4	3	3	3	3	-	-	-	-	-	-
	65	48.8	97.0	97.0	338.5	6	6	6	6	6	6	3	3	-	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	4	4	3	4	4	3
	40	33.3	79.4	79.4	267.7	6	6	6	6	6	6	5	5	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	4	4	4	3	3	-	3	3	3
	50	41.7	87.5	87.5	302.3	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	-	-	-
	55	45.8	90.9	90.9	317.7	6	6	6	6	6	6	4	4	3	3	4	3	-	-	-	-	-	-
264	35	32.1	80.1	80.1	267.7	6	6	6	6	6	6	5	5	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	4	4	4	3	3	-	3	3	3
	45	41.3	87.9	87.9	302.5	6	6	6	6	6	6	4	4	3	4	4	4	3	3	-	-	-	-
288	35	32.1	85.7	85.7	283.3	6	6	6	6	6	6	5	5	3	4	4	4	3	3	-	3	3	3

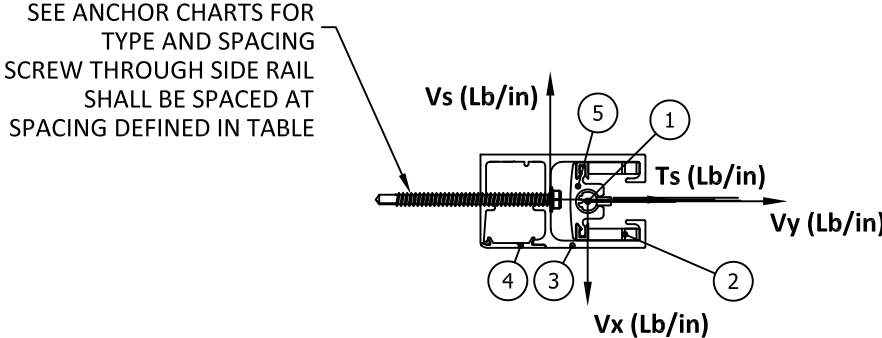
TYPICAL HORIZONTAL SECTIONS
INSET MOUNT



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



B
10
HORIZONTAL SECTION
MOUNT TYPE 4
INSET MOUNT
*WITH END RETENTION



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 XL	MIN. 3000 PSI CONCRETE	2 3/16"	2 1/4"
C	3/8" DEWALT/POWERS WEDGE BOLT	GROUT FILLED C-90 BLOCK, $f'm \geq 2000$ PSI	2"	2 1/2"
D	5/16" ITW TAPCON XL	GROUT FILLED C-90 BLOCK, $f'm \geq 2000$ PSI	4"	2 1/4"
E	1/4" GRADE 5 SELF-DRILLING SCREW	MIN. 1/4" 6063-T6 ALUM. MIN. 3/16" A36 STEEL	1/2" 3/8"	3 THREADS PENETRATION
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

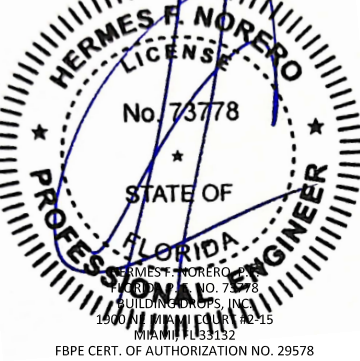
TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(WZ4) (IMPACT)
TYP. HORIZONTAL SECTION
- INSET MOUNT

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 THE PROJECT.



FL47087

DATE: 11.20.2024
DWG. BY: MS
CHK. BY: HFN
SCALE: NTS
DWG. #: ALU008
SHEET: OF 21

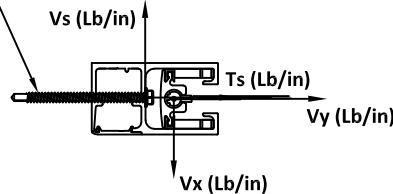
10

TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING INSET - MOUNT 3						ANCHOR TYPE & SPACING INSET 1X2, 2X2, 2X3, 2X4 - MOUNT 4						ANCHOR TYPE & SPACING INSET 3X3, 4X4, 6X6 - MOUNT 4					
SW	DP	VY	VX	Vs	Ts	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
96	35.0	11.7	50.3	50.3	148.3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	40.0	13.3	54.1	54.1	160.3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	45.0	15.0	57.5	57.5	171.0	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	50.0	16.7	60.6	60.6	180.8	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	55.0	18.3	63.3	63.3	189.7	6	6	4	6	6	6	6	6	5	6	6	6	6	6	5	6	6	6
	60.0	20.0	65.8	65.8	197.9	6	6	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	65.0	21.7	68.1	68.1	205.5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	70.0	23.3	70.1	70.1	212.5	5	5	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4
	75.0	25.0	72.0	72.0	219.1	5	5	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	80.0	26.7	73.8	73.8	225.3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	85.0	28.3	75.4	75.4	231.0	4	4	3	4	4	4	4	4	3	4	4	4	4	4	3	4	4	4
102	90.0	30.0	76.9	76.9	236.5	4	4	3	4	4	4	4	4	3	3	3	3	4	4	3	3	3	3
	95.0	31.7	78.2	78.2	241.7	4	4	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
	100.0	33.3	79.5	79.5	246.5	4	4	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
	105.0	35.0	80.7	80.7	251.2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	110.0	36.7	81.9	81.9	255.7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	115.0	38.3	82.9	82.9	259.9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	120.0	40.0	83.9	83.9	264.0	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	35.0	12.4	50.0	50.0	148.3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	40.0	14.2	54.2	54.2	161.1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	45.0	15.9	57.9	57.9	172.7	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	50.0	17.7	61.2	61.2	183.4	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
108	55.0	19.5	64.3	64.3	193.2	6	6	4	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5
	60.0	21.3	67.0	67.0	202.3	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	65.0	23.0	69.6	69.6	210.8	5	5	4	5	5	5	5	5	4	4	4	4	5	5	4	4	4	4
	70.0	24.8	71.9	71.9	218.6	5	5	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	75.0	26.6	74.1	74.1	226.0	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	80.0	28.3	76.1	76.1	232.9	4	4	3	4	4	4	4	4	3	4	4	4	4	4	3	4	4	4
	85.0	30.1	77.9	77.9	239.5	4	4	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
	90.0	31.9	79.6	79.6	245.7	4	4	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
	95.0	33.6	81.2	81.2	251.5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	100.0	35.4	82.7	82.7	257.1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	105.0	37.2	84.2	84.2	262.4	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
114	110.0	39.0	85.5	85.5	267.5	3	3	-	3	3	3	3	3	-	3	3	3	3	3	-	3	3	3
	115.0	40.7	86.7	86.7	272.3	3	3	-	3	3	3	3	3	-	3	3	3	3	3	-	3	3	3
	35.0	13.1	50.2	50.2	149.3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	40.0	15.0	54.6	54.6	162.9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	45.0	16.9	58.5	58.5	175.3	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	50.0	18.8	62.1	62.1	186.8	6	6	5	6	6	6	6	6	5	6	6	6	6	6	5	6	6	6
	55.0	20.6	65.4	65.4	197.5	6	6	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	60.0	22.5	68.5	68.5	207.3	5	5	4	5	5	5	5	5	4	5	5	5	5	5	4	5	5	5
	65.0	24.4	71.3	71.3	216.6	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	70.0	26.3	73.9	73.9	225.2	4	4	3	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4
	75.0	28.1	76.3	76.3	233.3	4	4	3	4	4	4	4	4	3	4	4	4	4	4	3	4	4	4
120	80.0	30.0	78.5	78.5	241.0	4	4	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
	85.0	31.9	80.6	80.6	248.2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	90.0	33.8	82.5	82.5	255.1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	95.0	35.6	84.3	84.3	261.6	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	100.0	37.5	86.0	86.0	267.8	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	105.0	39.4	87.6	87.6	273.8	3	3	-	3	3	3	3	3	-	3	3	3	3	3	-	3	3	3
	110.0	41.3	89.1	89.1	279.4	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
	115.0	43.1	90.6	90.6	284.9	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
	35.0	16.0	58.0	58.0	173.3	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	40.0	18.3	62.3	62.3	187.0	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	45.0	20.6	66.1	66.1	199.3	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
126	50.0	22.9	69.5	69.5	210.6	5	5	4	5	5	5	5	5	4	4	4	4	5	5	4	4	4	4
	55.0	25.2	72.6	72.6	220.8	5	5	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	60.0	27.5	75.6	75.6	231.0	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	65.0	29.8	79.3	79.3	243.0	4	4	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
	70.0	32.1	82.7	82.7	254.4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	75.0	34.4	86.0	86.0	265.2	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	80.0	36.7	89.0	89.0	275.4	3	3	-	3	3	3	3	3	-	3	3	3	3	3	-	3	3	3
	85.0	39.0	91.9	91.9	285.2	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
	90.0	41.3	94.6	94.6	294.6	3	3	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	95.0	43.5	97.2	97.2	303.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	100.0	45.8	99.6	99.6	312.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	105.0	48.1	102.0	102.0	320.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING INSET - MOUNT 3						ANCHOR TYPE & SPACING INSET 1X2, 2X2, 2X3, 2X4 - MOUNT 4						ANCHOR TYPE & SPACING INSET 3X3, 4X4, 6X6 - MOUNT 4					
SW	DP	VY	VX	Vs	Ts	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
114	35.0	13.9	50.6	50.6	151.0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	40.0	15.8	55.2	55.2	165.3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	45.0	17.8	59.4	59.4	178.5	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	50.0	19.8	63.3	63.3	190.8	6	6	4	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5
	55.0	21.8	66.8	66.8	202.2	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	60.0	23.8	70.1	70.1	212.8	5	5	4	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4
	65.0	25.7	73.1	73.1	222.8	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	70.0	27.7	75.9	75.9	232.1	4	4	3	4	4	4	4	4	3	4	4	4	4	4	3	4	4	4
	75.0	29.7	78.6	78.6	241.0	4	4	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
	80.0	31.7	81.0	81.0	249.3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	85.0	33.6	83.3	83.3	257.2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	90.0	35.6	85.5	85.5	264.8	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	95.0	37.6	87.5	87.5	271.9	3	3	-	3	3	3	3	3	-	3	3	3	3	3	3	-	3	3
	100.0	39.6	89.4	89.4	278.7	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
	105.0	41.6	91.2	91.2	285.3	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
110.0	43.5	92.9	92.9	291.5	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-	
120	35.0	14.6	51.9	51.9	155.1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	40.0	16.7	56.0	56.0	168.3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	45.0	18.8	60.5	60.5	182.2	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	50.0	20.8	64.6	64.6	195.2	6	6	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	55.0	22.9	68.3	68.3	207.3	5	5	4	5	5	5	5	5	4	5	5	5	5	5	4	5	5	5
	60.0	25.0	71.8	71.8	218.6	5	5	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	65.0	27.1	75.1	75.1	229.3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	70.0	29.2	78.1	78.1	239.3	4	4	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
	75.0	31.3	81.0	81.0	248.9	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	80.0	33.3	83.6	83.6	257.9	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	85.0	35.4	86.1	86.1	266.4	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	90.0	37.5	88.5	88.5	274.6	3	3	-	3	3	3	3	3	-	3	3	3	3	3	-	3	3	3
	95.0	39.6	90.7	90.7	282.3	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
	100.0	41.7	92.8	92.8	289.8	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
	105.0	43.8	94.7	94.7	296.9	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110.0	45.8	96.6	96.6	303.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
132	35.0	16.0	58.0	58.0	173.3	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	40.0	18.3	62.3	62.3	187.0	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	45.0	20.6	66.1	66.1	199.3	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	50.0	22.9	69.5	69.5	210.6	5	5	4	5	5	5	5	5	4	4	4	4	5	5	4	4	4	4
	55.0	25.2	72.6	72.6	220.8	5	5	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	60.0	27.5	75.6	75.6	231.0	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	65.0	29.8	79.3	79.3	243.0	4	4	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
	70.0	32.1	82.7	82.7	254.4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	75.0	34.4	86.0	86.0	265.2	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	80.0	36.7	89.0	89.0	275.4	3	3	-	3	3	3	3	3	-	3	3	3	3	3	-	3	3	3
	85.0	39.0	91.9	91.9	285.2	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
	90.0	41.3	94.6	94.6	294.6	3	3	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	95.0	43.5	97.2	97.2	303.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	100.0	45.8	99.6	99.6	312.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	105.0	48.1	102.0	102.0	320.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[illegible]

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

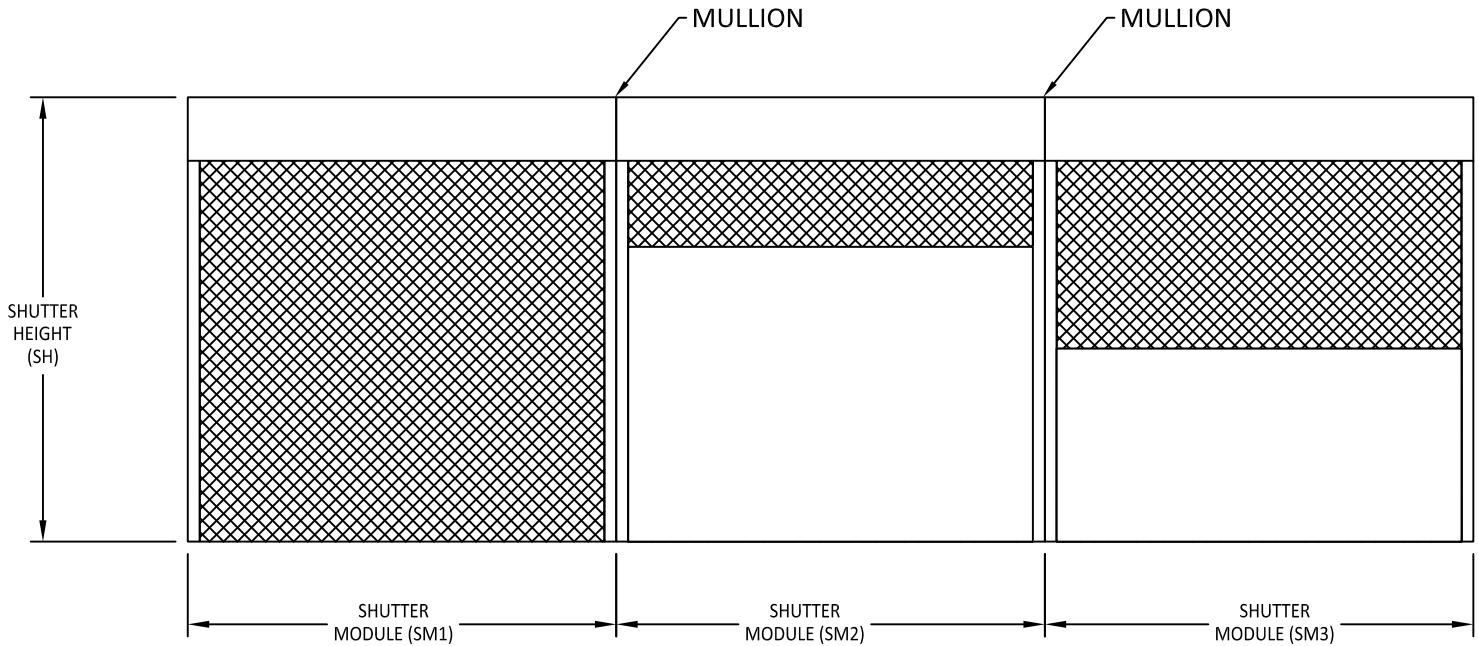
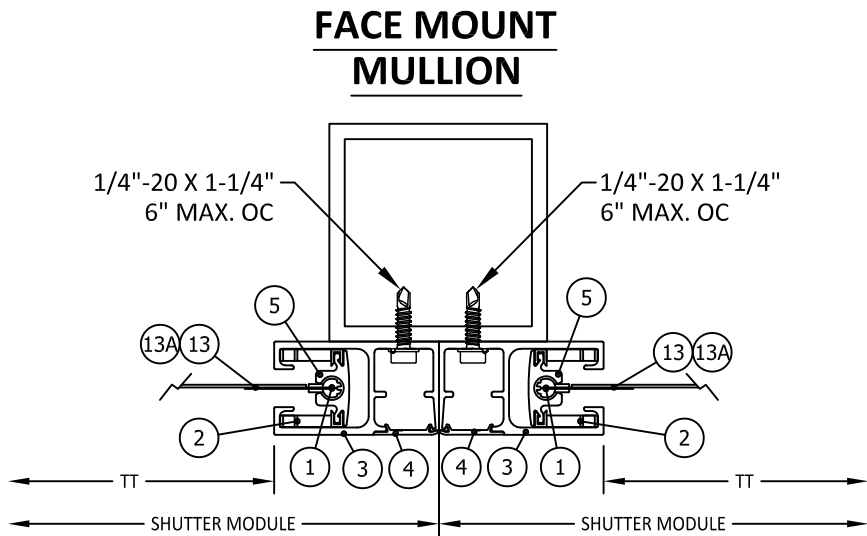


CONTRACTOR TO VERIFY ADEQUACY OF STRUCTURE
NOTE: LOADS V_y AND V_x ARE LOADS IMPOSED BY TRACK
ON HOUSING. LOADS T_s AND V_s ARE LOADS IMPOSED ON
STRUCTURE BY ANCHORS.

TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING INSET - MOUNT 3						ANCHOR TYPE & SPACING INSET 1X2, 2X2, 2X3, 2X4 - MOUNT 4						ANCHOR TYPE & SPACING INSET 3X3, 4X4, 6X6 - MOUNT 4					
SW	DP	VY	VX	Vs	Ts	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
180	35.0	21.9	82.8	82.8	246.5	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	40.0	25.0	87.8	87.8	262.8	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	45.0	28.1	92.2	92.2	277.3	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	50.0	31.3	95.9	95.9	290.3	3	3	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	55.0	34.4	99.3	99.3	302.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	60.0	37.5	102.2	102.2	312.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	65.0	40.6	104.9	104.9	322.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	70.0	43.8	107.3	107.3	331.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	75.0	46.9	109.4	109.4	340.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80.0	50.0	111.9	111.9	349.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
192	35.0	23.3	85.9	85.9	256.1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	40.0	26.7	90.7	90.7	272.0	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	45.0	30.0	94.8	94.8	286.0	3	3	-	3	3	3	3	3	-	3	3	3	3	3	-	3	3	3
	50.0	33.3	98.3	98.3	298.5	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	55.0	36.7	101.5	101.5	309.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	60.0	40.0	104.2	104.2	320.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	65.0	43.3	106.7	106.7	329.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	70.0	46.7	108.9	108.9	338.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	75.0	50.0	110.8	110.8	346.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80.0	53.3	115.2	115.2	361.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
216	35.0	26.3	74.2	74.2	226.1	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	40.0	30.0	77.9	77.9	239.4	4	4	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
	45.0	33.8	81.1	81.1	251.2	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	50.0	37.5	84.9	84.9	264.8	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	55.0	41.3	89.3	89.3	279.8	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
	60.0	45.0	93.3	93.3	293.9	3	3	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	65.0	48.8	97.0	97.0	307.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	35.0	29.2	74.5	74.5	229.3	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	40.0	33.3	79.4	79.4	246.2	4	4	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3
	45.0	37.5	83.7	83.7	261.5	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	50.0	41.7	87.5	87.5	275.4	3	3	-	3	3	3	3	3	-	3	3	3	3	3	3	3	3	3
	55.0	45.8	90.9	90.9	288.0	3	3	-	3	3	3	-	-	-	-	-	-	-	-	-	-	-	-
264	35.0	32.1	80.1	80.1	247.0	4	4	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3
	40.0	36.7	84.3	84.3	262.3	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	45.0	41.3	87.9	87.9	275.9	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
288	35.0	35.0	85.7	85.7	265.0	3	3	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	

 ALUTECH UNITED, INC																	
117 DIXON STREET SELBYVILLE, DE 19975 PH: (302) 436-6005																	
TITLE: STORM TEX WITH FLEX TRACK SCREEN SYSTEM (WZ4) (IMPACT)	ANCHOR SCHEDULE - INSET MOUNT 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:	 BUILDING DROPS																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">REMARKS</th> <th style="width: 20%;">BY</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr><td style="height: 20px;"></td><td></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td><td></td></tr> </tbody> </table>	REMARKS	BY	DATE														
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 HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER HERMES F. NORERO, P.E. 117 DIXON ST. #215 SELBYVILLE, DE 19975 PH: (302) 436-6005 www.alutech.com B.D. BUILDING DROPS, INC. 1900 NE MIAMI COURT, STE. 2-15 MIAMI, FL 33132 PH: (954) 399-8478 FAX: (954) 744-4738 www.buildingdrops.com FBPE CERT. OF AUTHORIZATION NO. 29578																	
FL47087																	
DATE: 11.20.2024																	
DWG. BY: MS	CHK. BY: HFN																
SCALE: NTS																	
DWG. #: ALU008																	
SHEET: OF 21																	
12																	

EQUALLY SPACED MULLIONS SELECTION



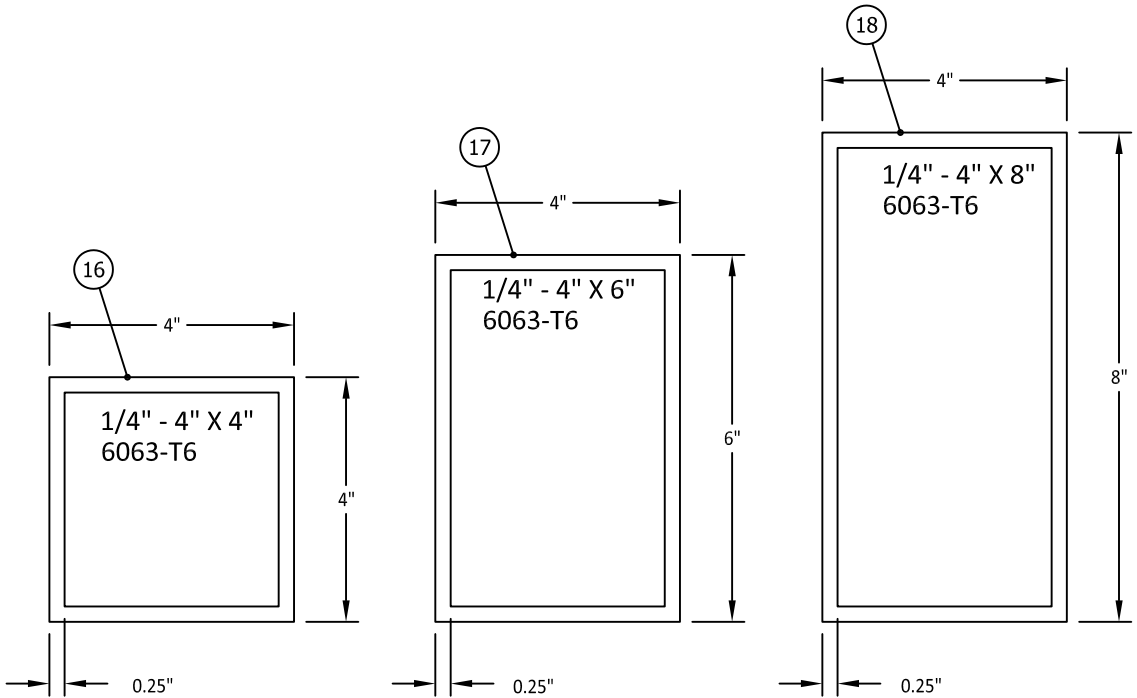
SM1 = SM2 = SM3

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.



TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(WZ4) (IMPACT)

EQUALLY SPACED MULLIONS

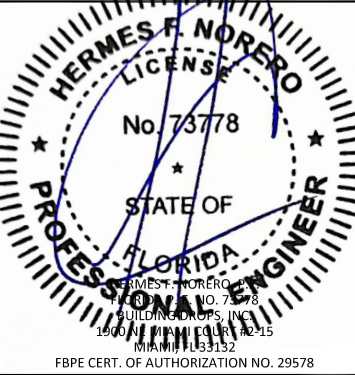
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

PREPARED BY:



REMARKS	BY	DATE

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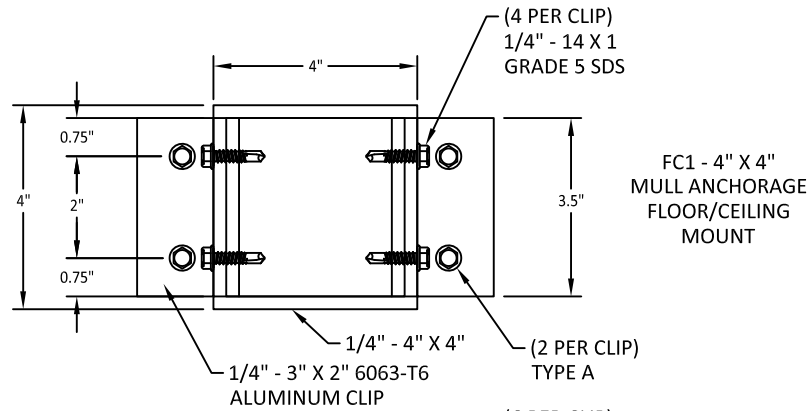
DWG. BY:
MS

CHK. BY:
HFN

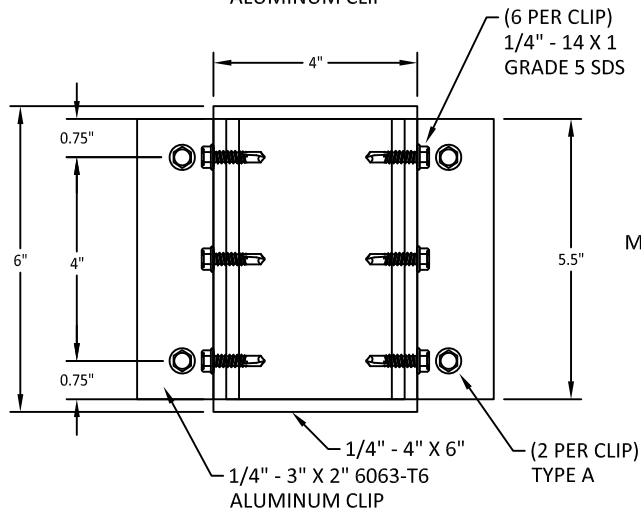
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DWG. #: ALU008

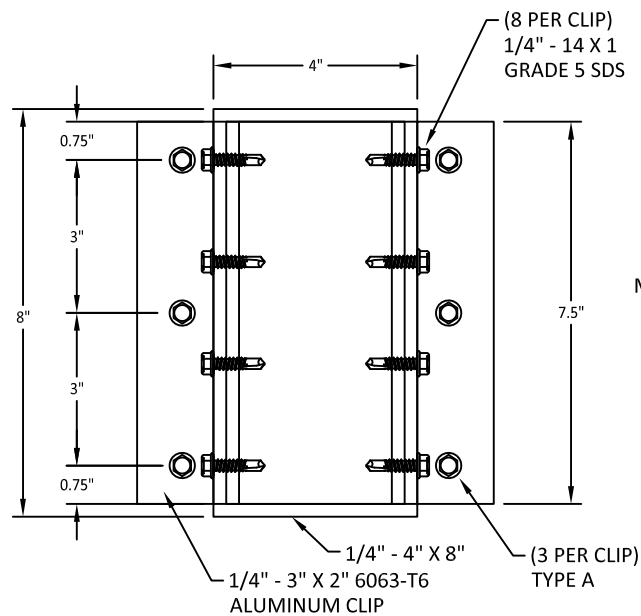
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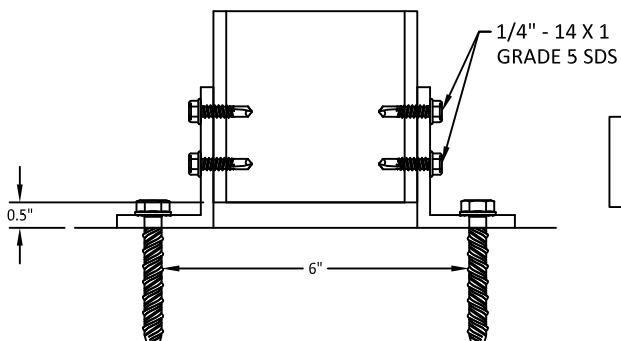
FC1 - 4" X 4"
MULL ANCHORAGE
FLOOR/CEILING
MOUNT



FC2 - 4" X 6"
MULL ANCHORAGE
FLOOR/CEILING
MOUNT

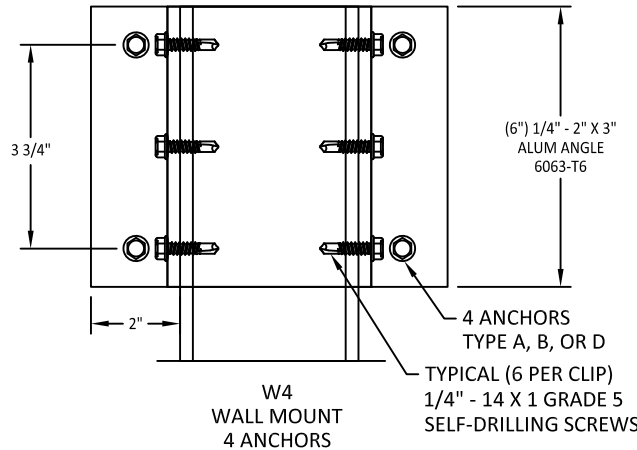


FC3 - 4" X 8"
MULL ANCHORAGE
FLOOR/CEILING
MOUNT



NOTE: ANGLE CLIP TO
BE PLACED OUTSIDE OR
INSIDE TUBE

EQUALLY SPACED MULLIONS WALL AND INSET CONNECTIONS



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

ANCHOR TYPE	FLOOR/CEILING MOUNT ANCHOR SELECTION		
	MULLION TYPE		
A	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 XL	MIN. 3000 PSI CONCRETE	2 3/16"	2 1/4"
D	5/16" ITW TAPCON XL	GROUT FILLED C-90 BLOCK, f'm ≥ 2000 PSI	4"	2 1/4"

ALUTECH
UNITED, INC

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

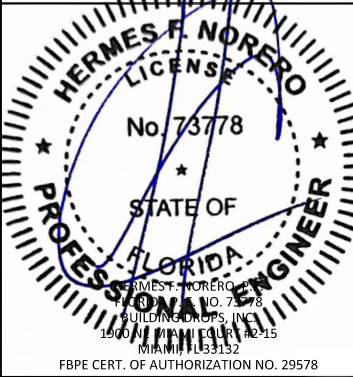
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SCREEN SYSTEM
(WZ4) (IMPACT)
EQUALLY SPACED MULLION
ANCHORS

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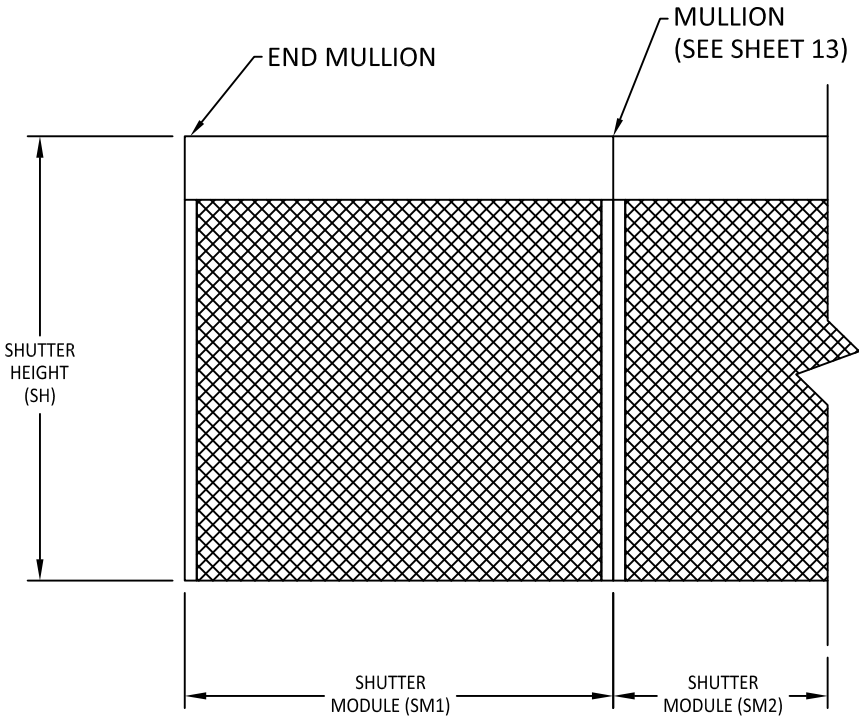
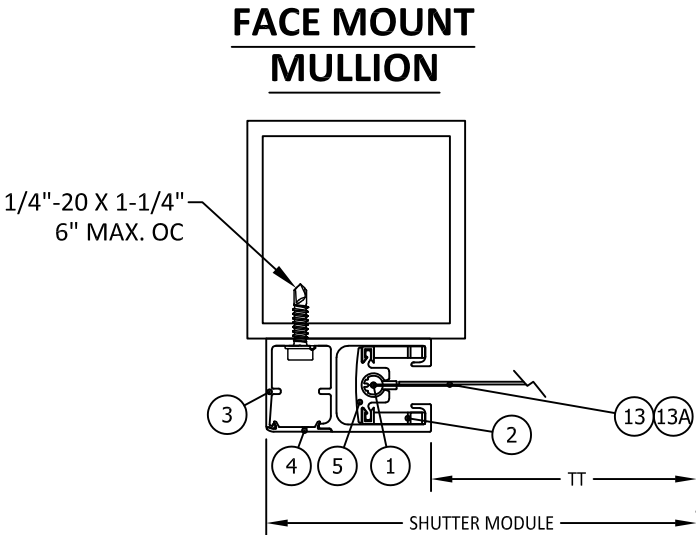
DWG. BY: MS
CHK. BY: HFN

SCALE: NTS

DWG. #: ALU008

SHEET: OF 21

END MULLION SELECTION



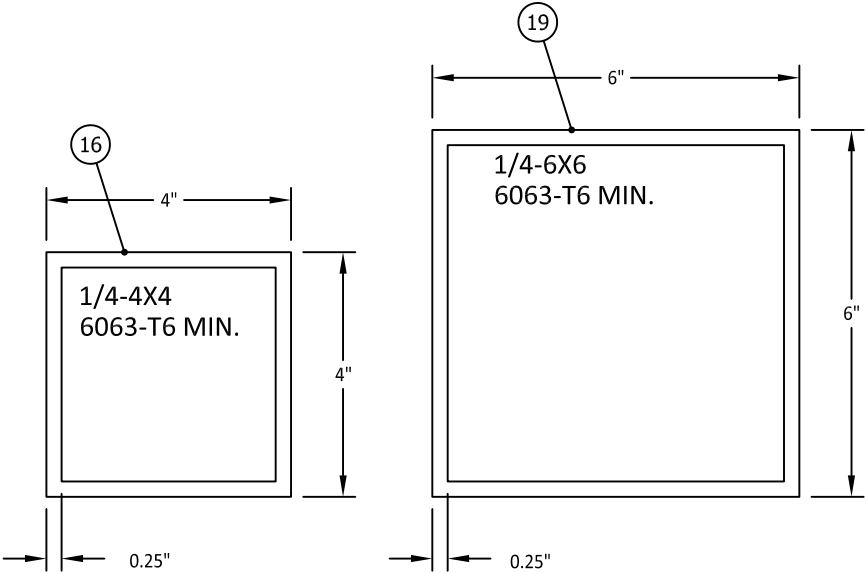
SM1 = SM2

MAXIMUM END MULLION SPANS AND DESIGN PRESSURES

SW MAX (in)	ALLOWABLE DP (PSF)	ALLOWABLE MULLION SPANS (FT)	
		4" x 4" X 0.25" 6063-T6 MIN.	6" x 6" X 0.25" 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:

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- VALUES ABOVE ARE APPLICABLE FOR END MULLIONS ONLY



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TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(WZ4) (IMPACT)

END MULLION

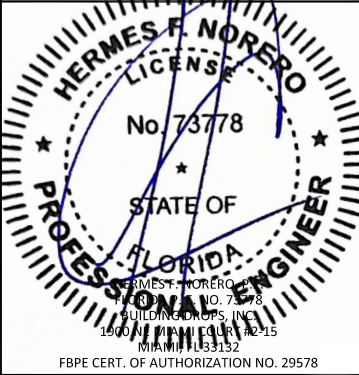
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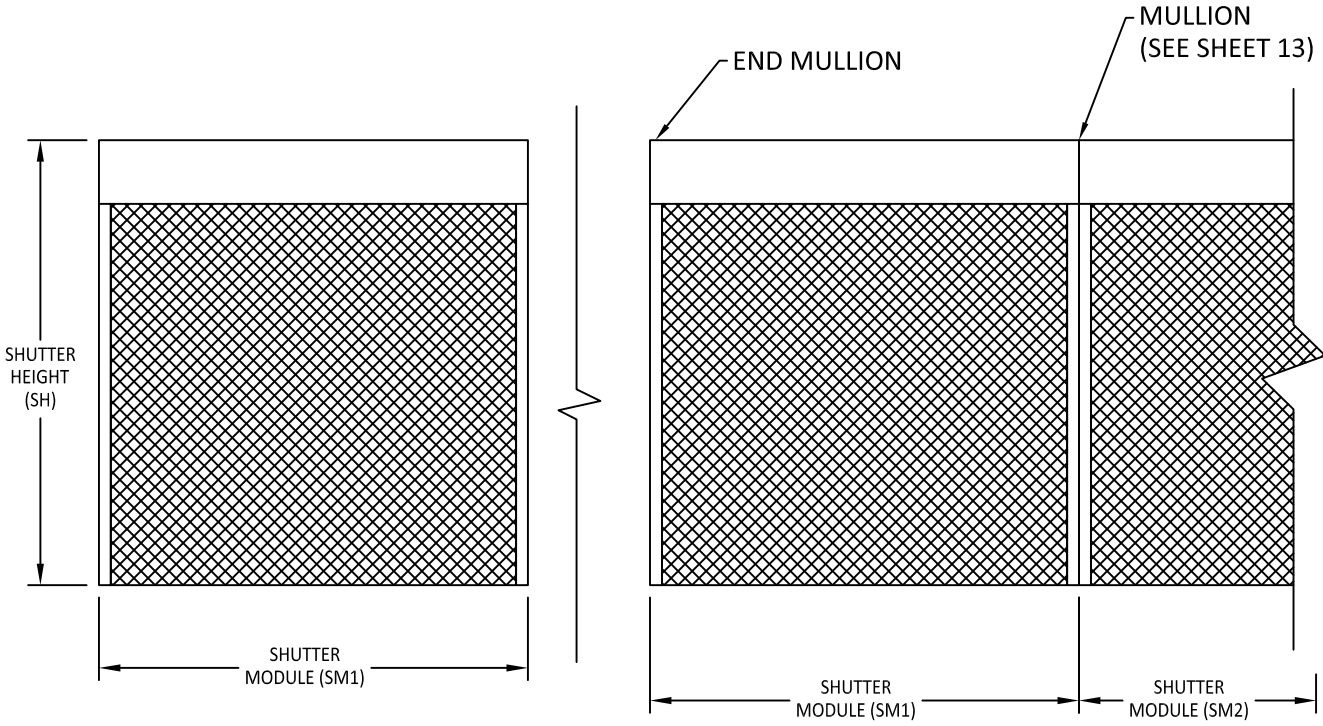
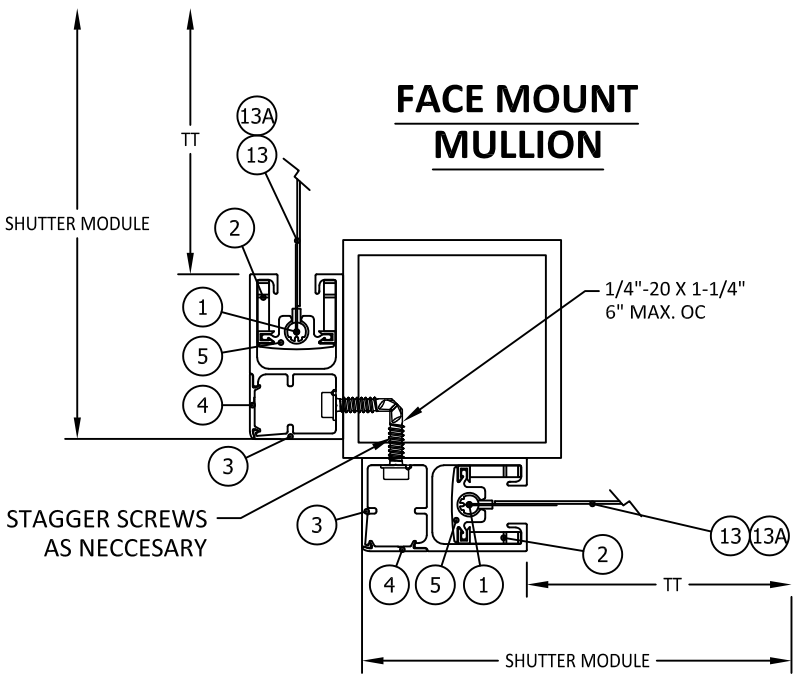


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DATE: 11.20.2024	
DWG. BY: MS	CHK. BY: HFN
SCALE: NTS	
DWG. #: ALU008	
SHEET:	OF 21

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CORNER MULLION SELECTION



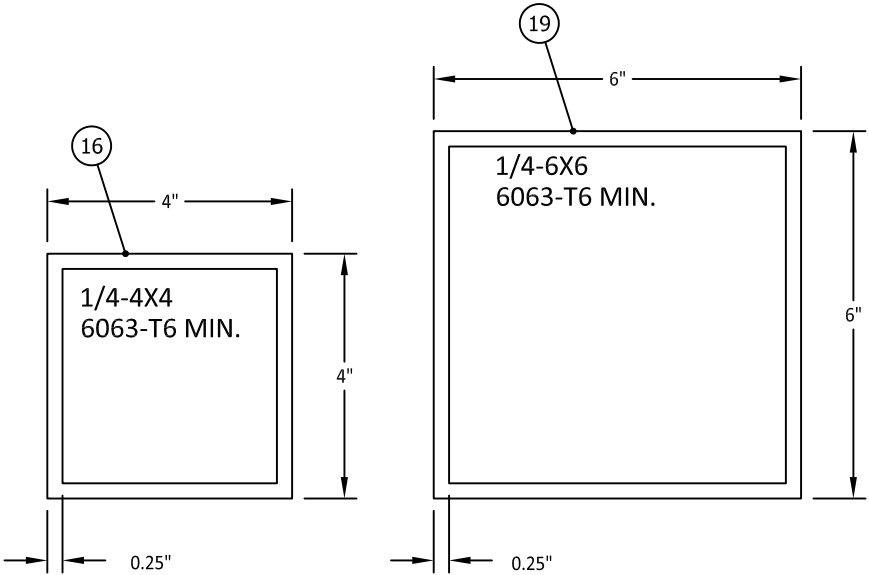
SM1 = SM2 = SM3

MAXIMUM CORNER MULLION SPANS AND DESIGN PRESSURES

SW MAX (in)	ALLOWABLE DP (PSF)	ALLOWABLE MULLION SPANS (FT)	
		4" x 4" X 0.25" 6063-T6 MIN.	6" x 6" X 0.25" 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:

- 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 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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UNITED, INC

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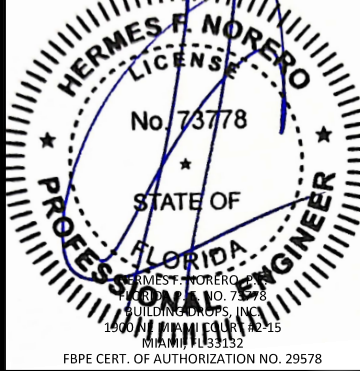
TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(WZ4) (IMPACT)
CORNER MULLION

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BUILDING DROPS, INC.
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FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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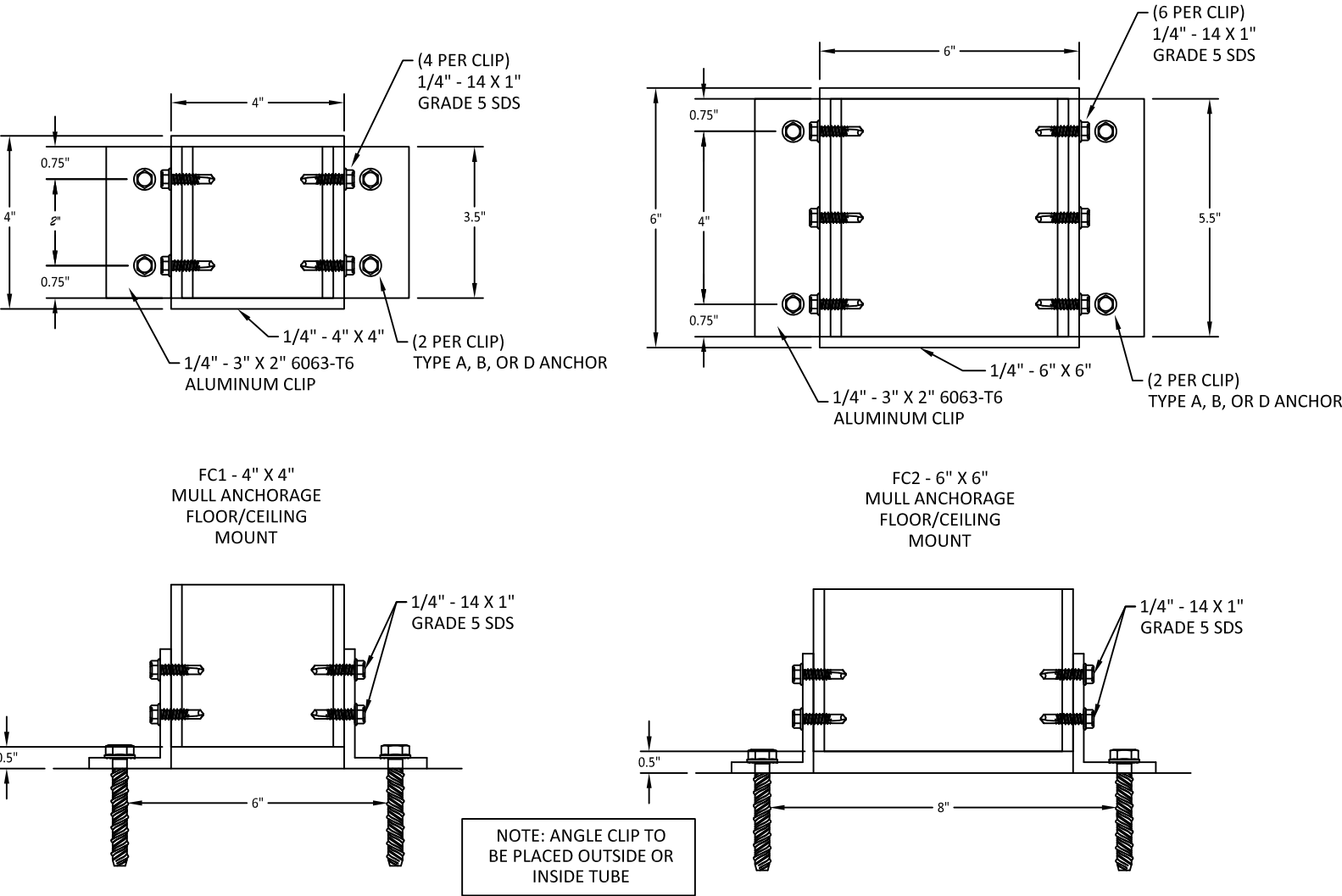
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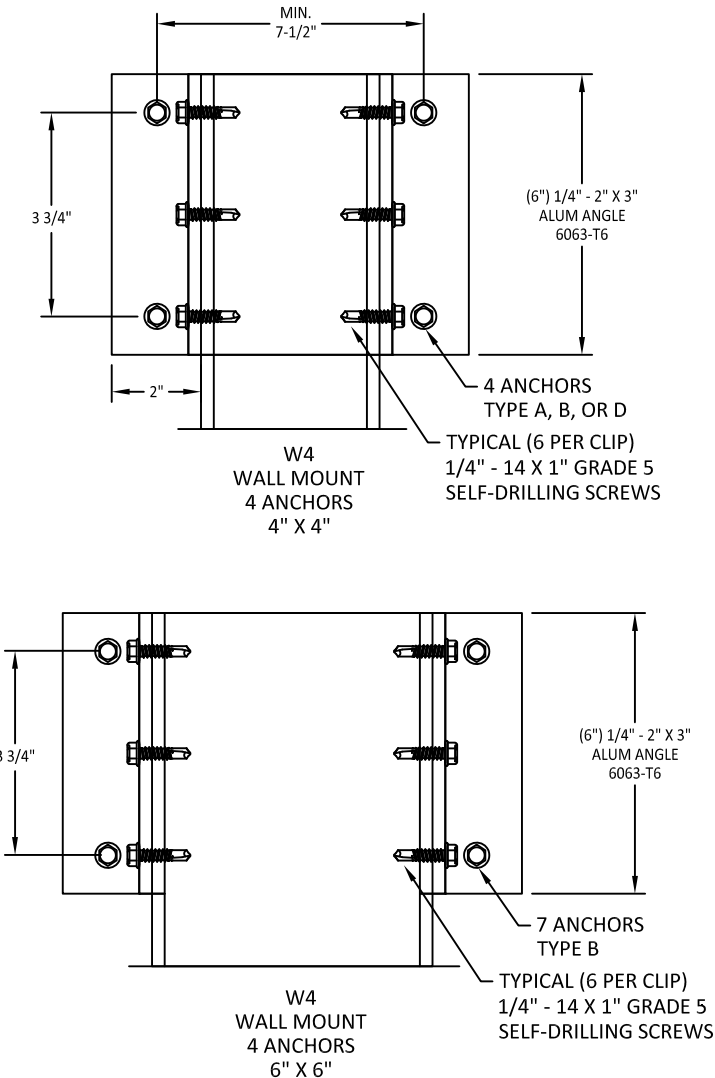
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END MULLION AND CORNER MULLION WALL AND INSET CONNECTIONS



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

END MULLION WALL CONNECTIONS



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

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 XL	MIN. 3000 PSI CONCRETE	2 3/16"	2 1/4"
D	5/16" ITW TAPCON XL	GROUT FILLED C-90 BLOCK, f'm ≥ 2000 PSI	4"	2 1/4"



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END MULLION / CORNER MULLION
CONNECTIONS

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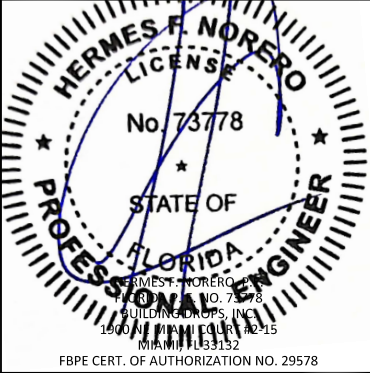
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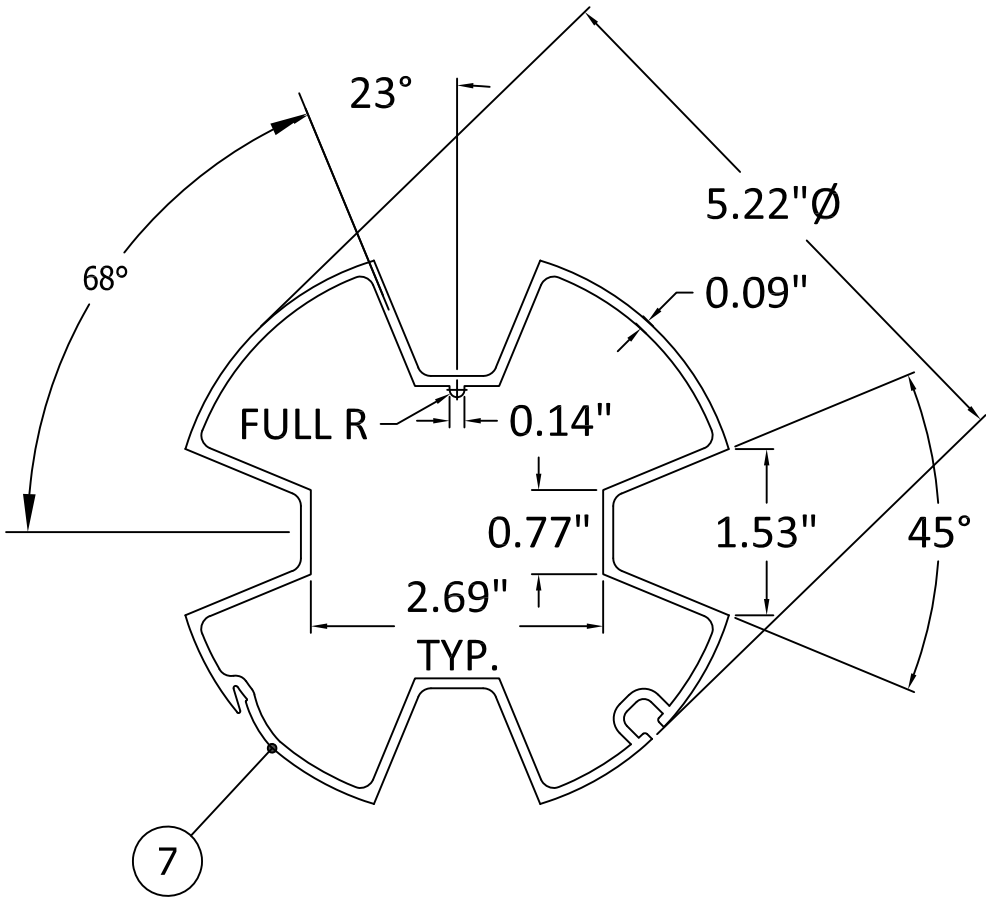
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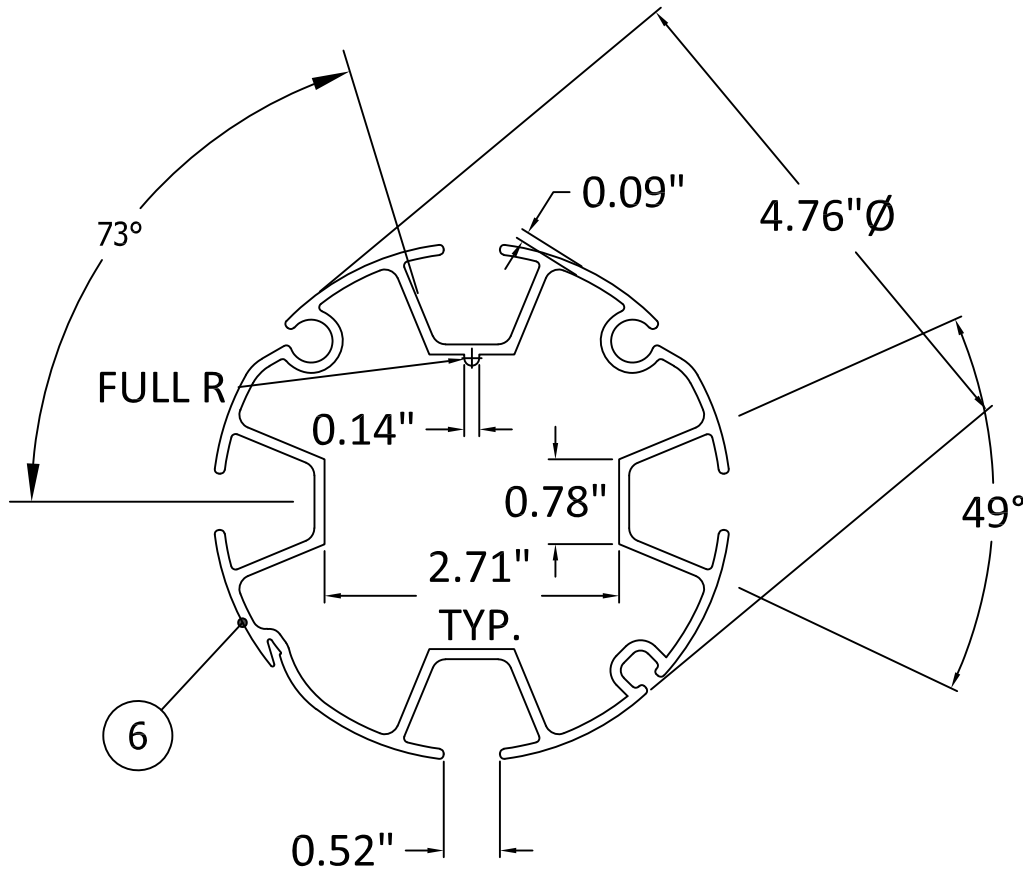
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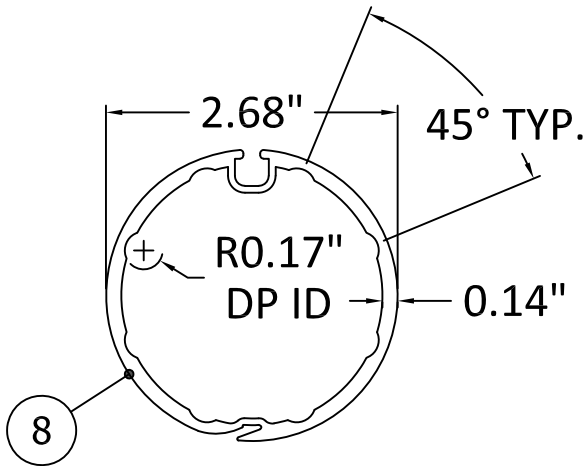
4-3/4" AND 5-1/4" TUBE DETAILS



5-1/4" TUBE



4-3/4" TUBE



60 MM INNER AXEL



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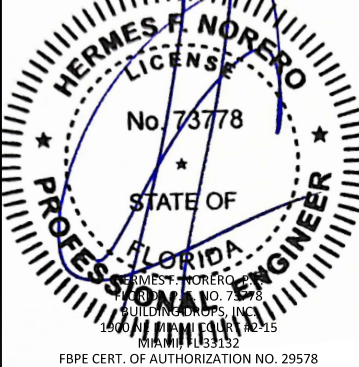
4-3/4" & 5-1/4" TUBE DETAILS

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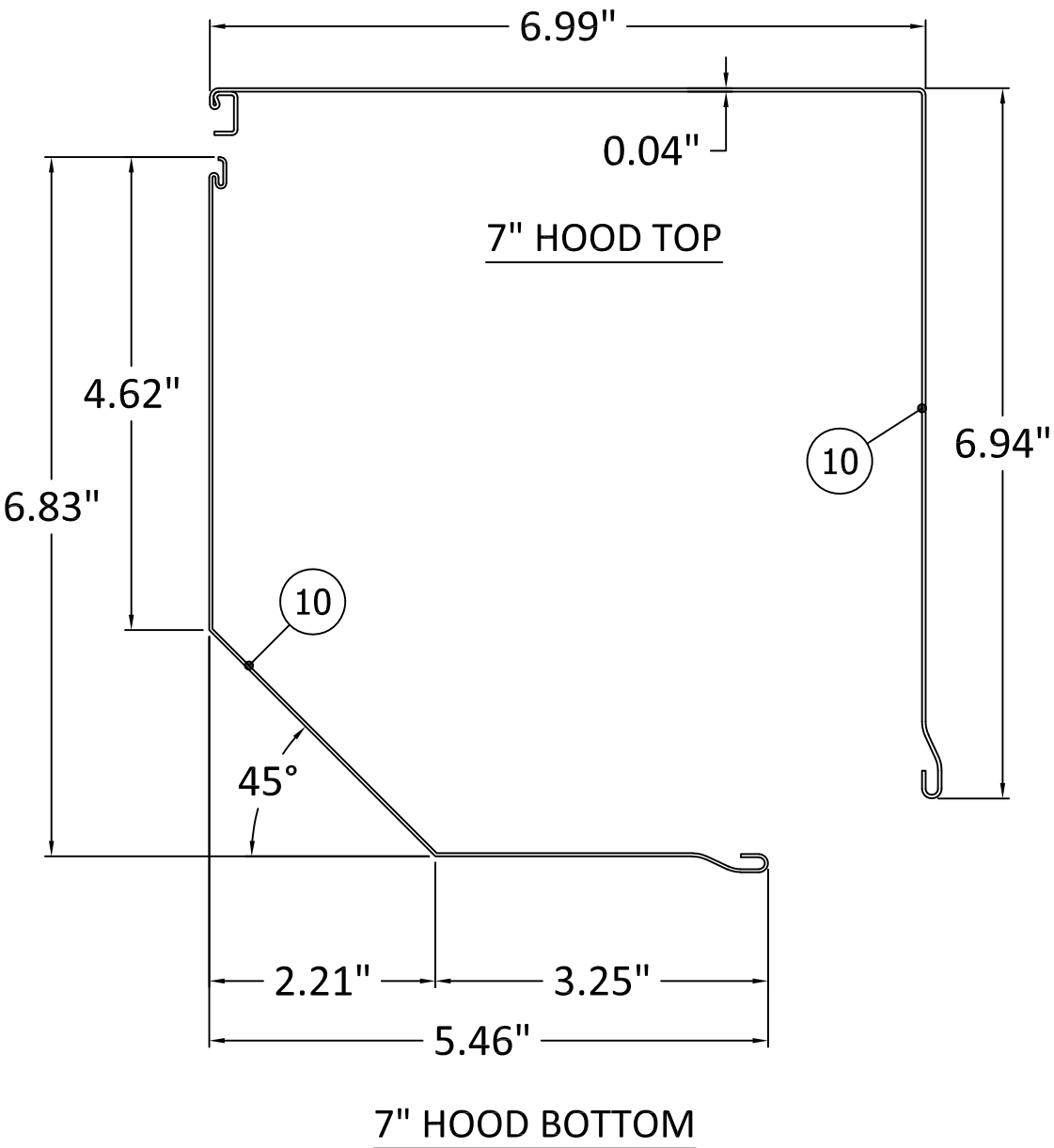
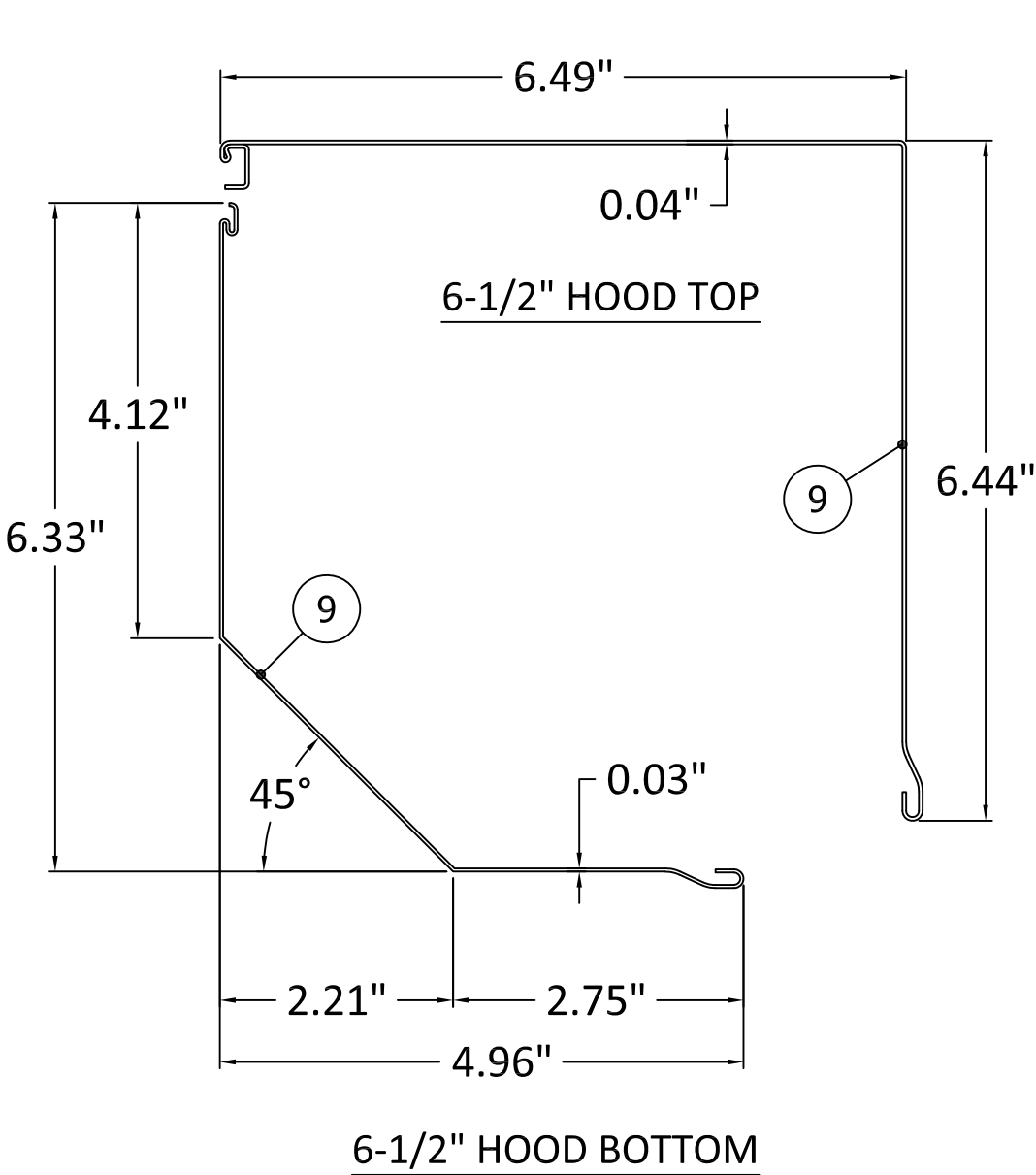
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6-1/2" AND 7" HOOD DETAILS



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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6-1/2" & 7" HOOD DETAILS

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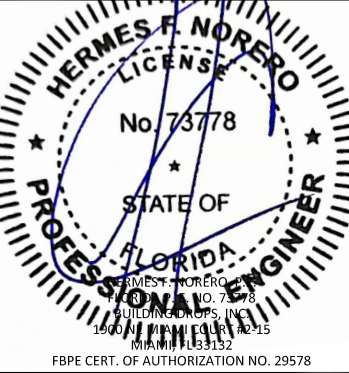
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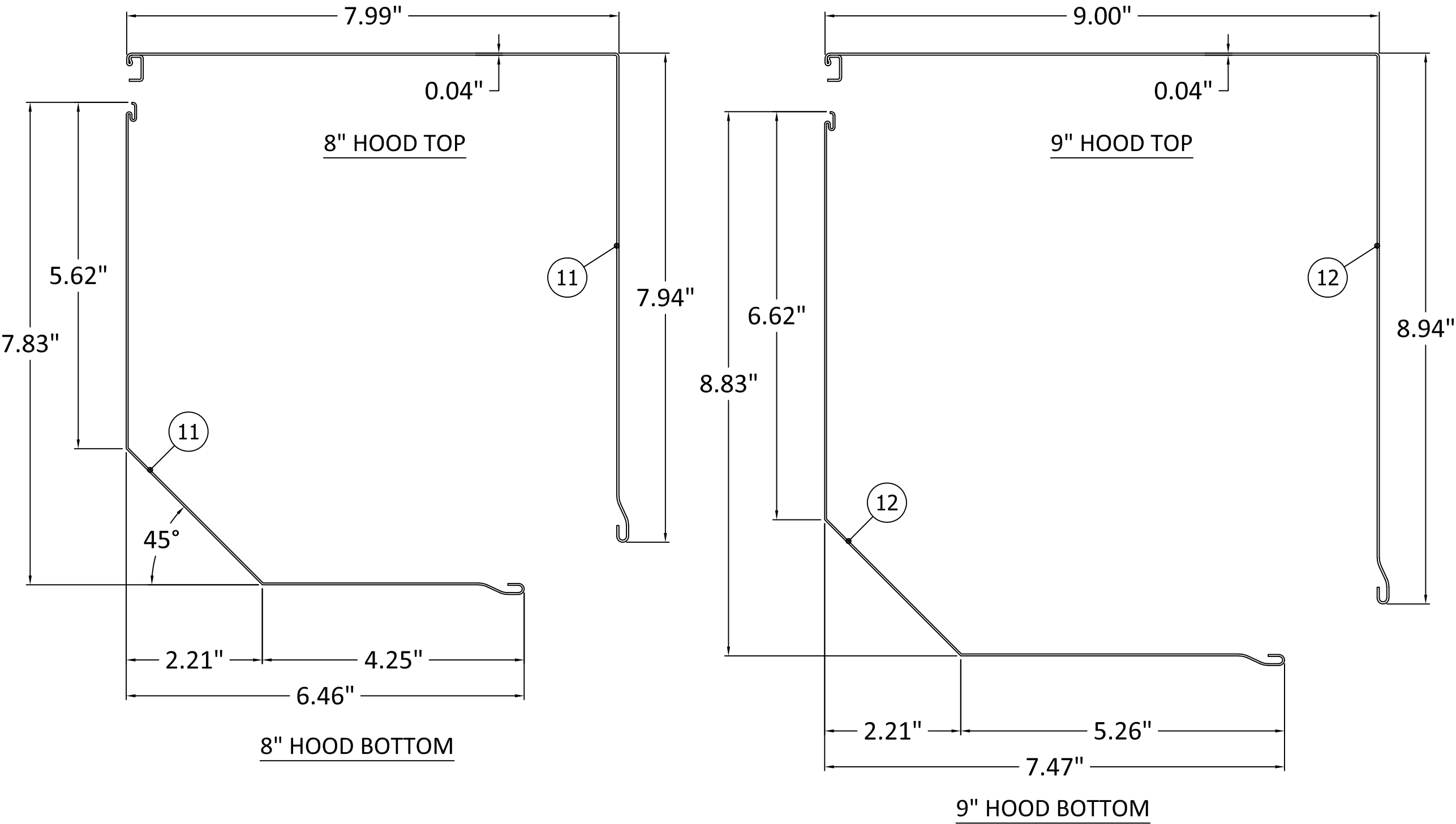
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8" AND 9" HOOD DETAILS



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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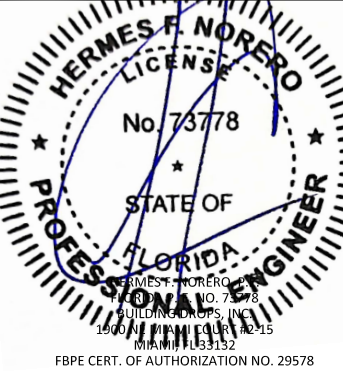
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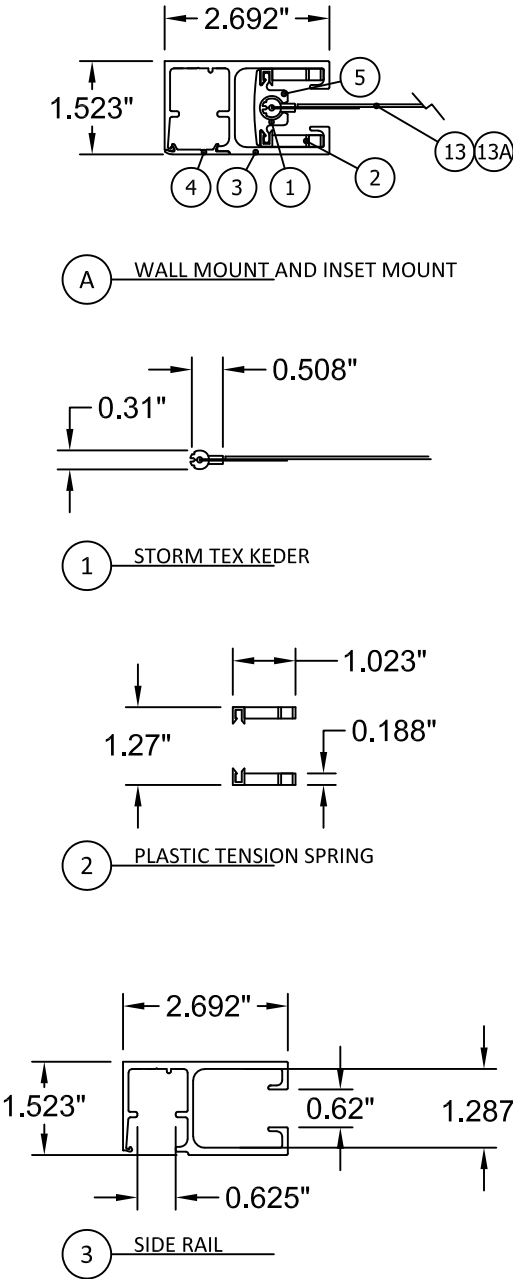
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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	STORM TEX KEDER	POM/NYLON
2	PLASTIC TENSION SPRING	PPE
3	SIDE RAIL	ALUMINUM (6061 T6)
4	SNAP IN SCREW COVER	ALUMINUM (6061 T6)
5	STORM TEX INNER CHANNEL	ALUMINUM (6061 T6)
6	4-3/4" TUBE	-
7	5-1/4" TUBE	-
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	BASDEN SERIES 6840TR SCREEN FABRIC	-
13A	TWITCHELL OMEGA TEX HURRICANE SCREEN	-
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)

BASDEN SERIES 6840TR FABRIC MECHANICAL PROPERTIES		
PROPERTY	TEST METHOD	TYPICAL
WEIGHT, oz/yd ²	-	22.12
TENSILE STRENGTH (WRAP), lb	ISO 13934-1: 2013	1034.1
TENSILE STRENGTH (WEFT), lb		1393.8
TEAR STRENGTH (WRAP), lb	GB/T 3917.3-2009	175.4
TEAR STRENGTH (WEFT), lb		164.1
ELONGATION, %	-	-
ABRASION RESISTANCE	-	-
FLAMMABILITY RATING	NFPA 701	PASS
WEATHER ABILITY, 1200 HOURS	-	-
BALL BURST, lb	-	-
BURSTING STRENGTH, psi	-	-
PUNCTURE RESISTANCE, lb	-	-

TWITCHELL OMEGA TEX FABRIC MECHANICAL PROPERTIES				
PROPERTY	TEST METHOD	WARP	FILL	TYPICAL
WEIGHT, oz/yd ²	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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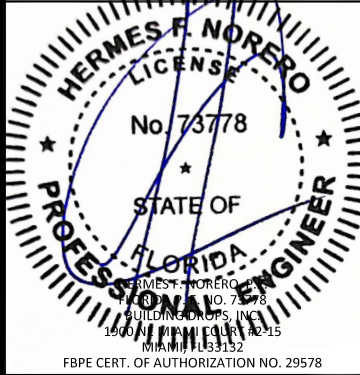
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(WZ4) (IMPACT)
BILL OF MATERIALS &
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