

\\users\dlaniwala\building drops, inc\building drops landing - common\projects\alutech united, inc\lbc-24-0503 - fbc submittal - impact screen system\dwgs\alu007.dwg

1

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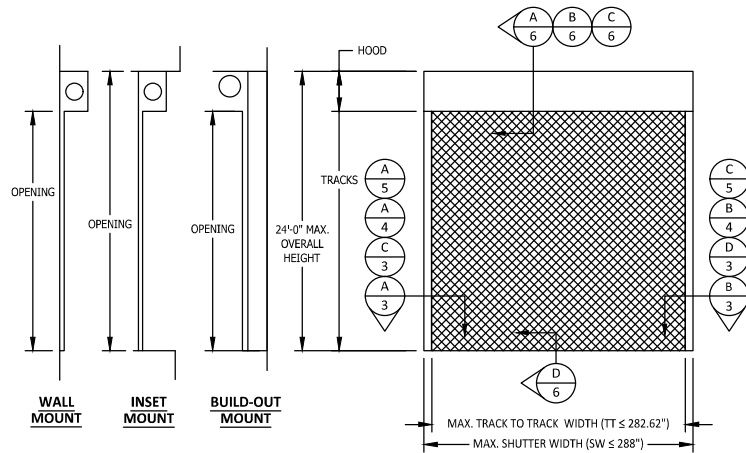
SHUTTER WIDTH	POSITIVE	NEGATIVE
288.0	35.0	35.0
264.0	46.2	46.2
240.0	57.5	57.5
216.0	68.7	68.7
192.0	80.0	80.0
180.0	85.0	85.0
168.0	90.0	90.0
156.0	95.0	95.0
144.0	100.0	100.0
132.0	105.0	105.0
120.0	110.0	110.0
108.0	115.0	115.0
96.0	120.0	120.0

[illegible]

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.

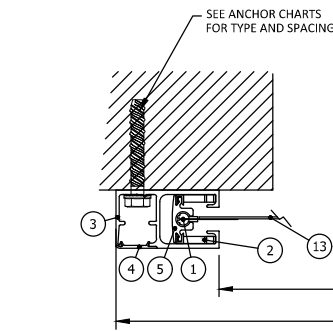


TYPICAL SINGLE UNIT ELEVATION WALL AND INSET MOUNT DETAILS

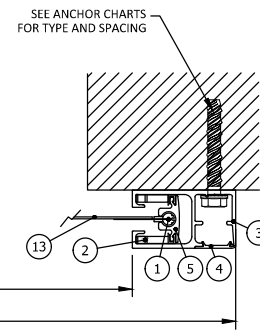


REVERSED INSTALLATION
IS ACCEPTABLE

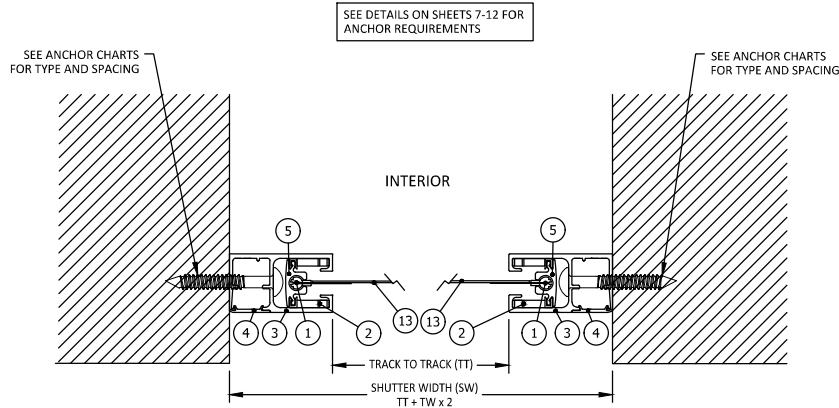
COMBINATION MOUNTED:
WALL, INSET, AND BUILD-OUT
MOUNTS CAN BE INSTALLED BY MIXING
ANY POSSIBLE COMBINATIONS



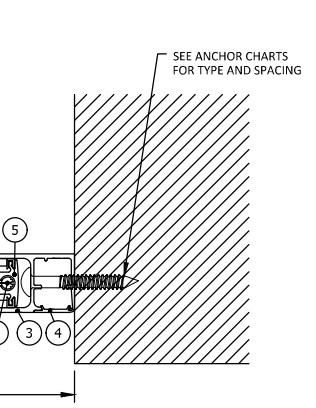
A
3 HORIZONTAL SECTION
WALL MOUNT



B
3 HORIZONTAL SECTION
WALL MOUNT



C
3 HORIZONTAL SECTION
INSET MOUNT



D
3 HORIZONTAL SECTION
INSET MOUNT



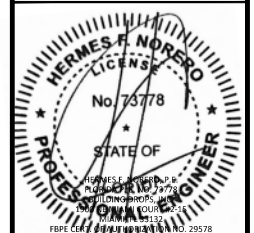
117 DIXON STREET
SELBYVILLE, DE 19975
PH: (302) 436-6005

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

PREPARED BY:
BUILDING DROPS, INC.
2800 NE MIAMI COURT, STE. 215
MIAMI, FL 33132
PH: (954) 999-8478
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

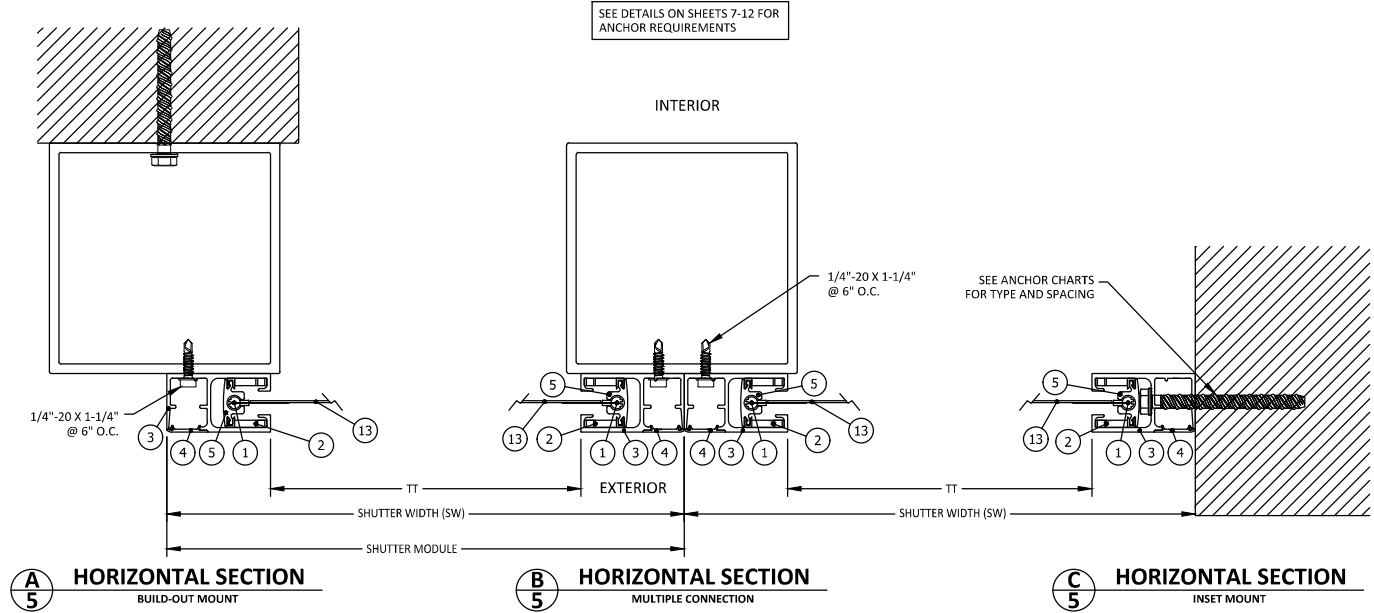
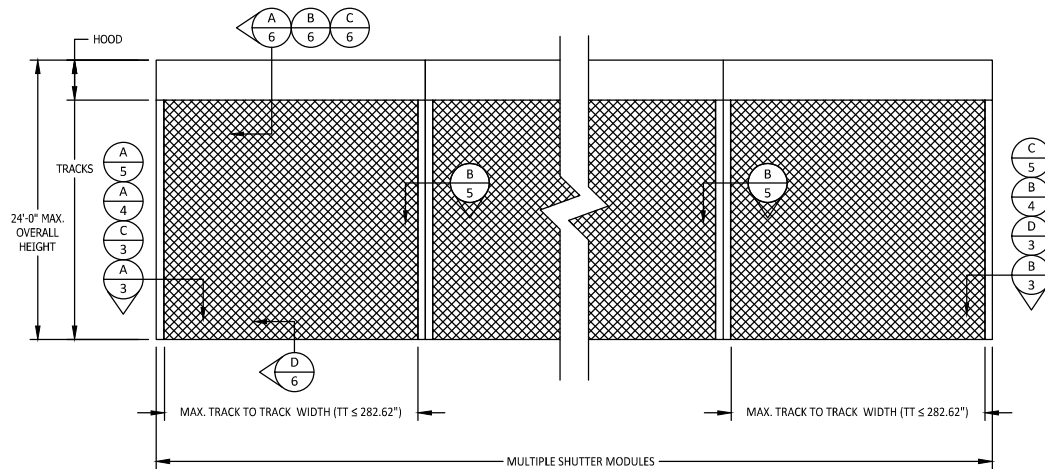
3

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TYPICAL MULTIPLE UNITS ELEVATION



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PH: (302) 436-6005

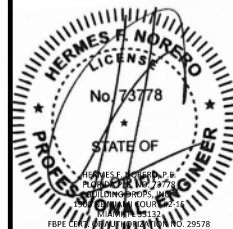
TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(HVHZ) (IMPACT)
MULTIPLE UNITS
HORIZONTAL SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
2800 NE MIAMI COURT, STE. 215
MIAMI, FL 33132
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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FL47087

DATE: 10.04.2024

DWG. BY: DI CHK. BY: HFN

SCALE: NTS

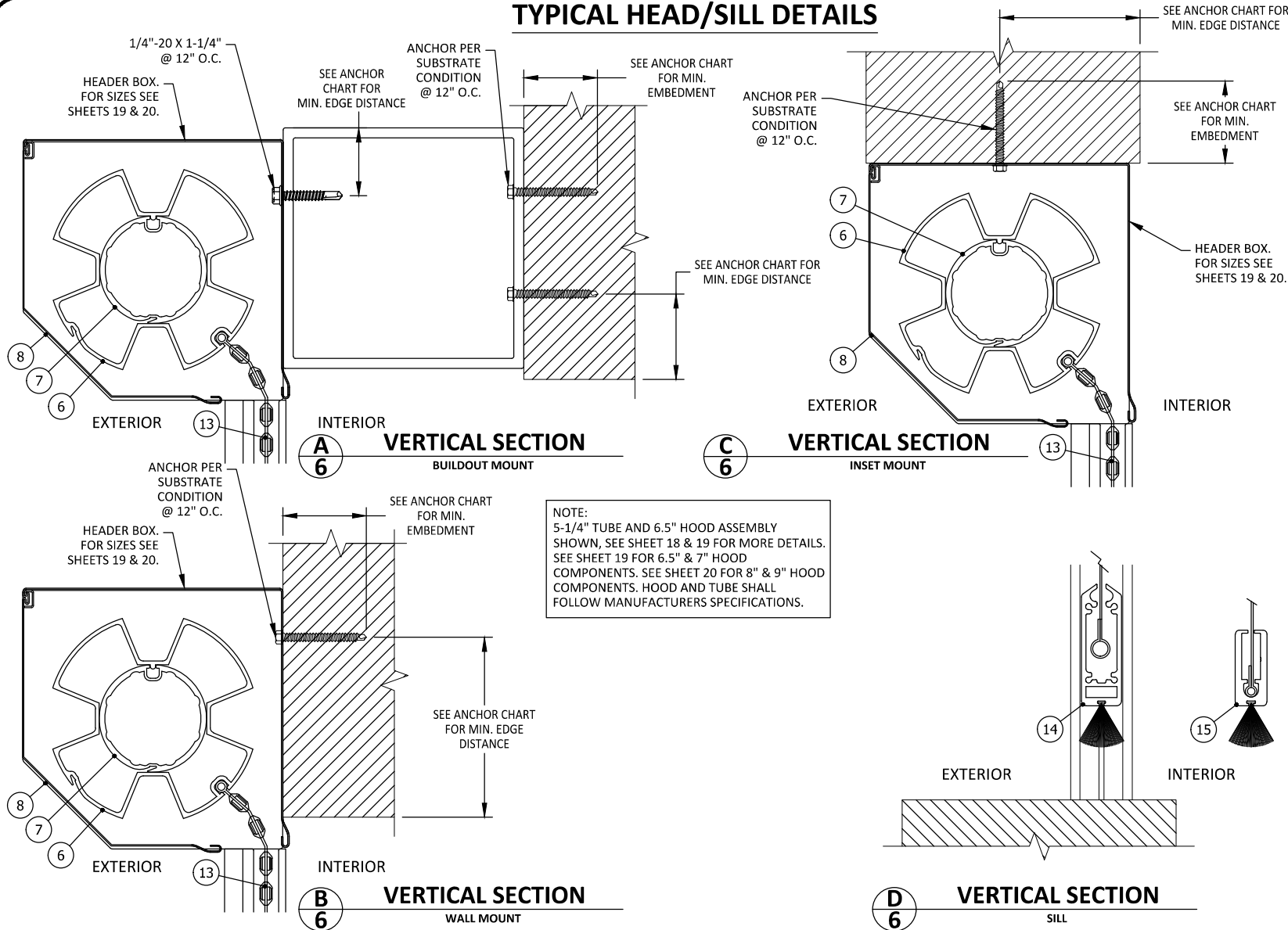
DWG. #: ALU007

SHEET: OF 21

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TYPICAL HEAD/SILL DETAILS



**ALUTECH
UNITED, INC.**

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

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

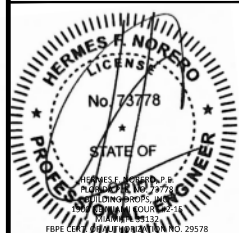
TYP. VERTICAL SECTIONS

BUILDING DROPS, INC.
1380 NE MIAMI COURT, STE. 215
MIAMI, FL 33132
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

PREPARED BY:
BD
BUILDING DROPS

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

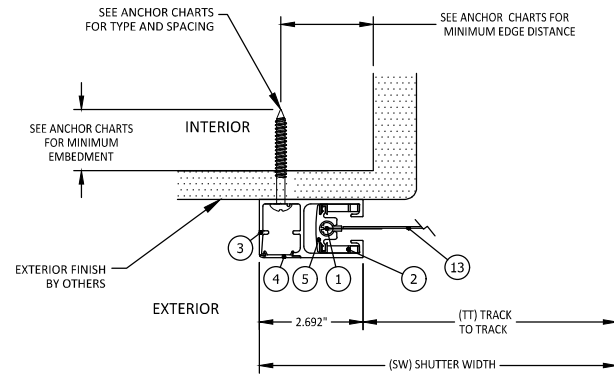
SHEET: OF 21

6

[illegible]

TYPICAL HORIZONTAL SECTIONS

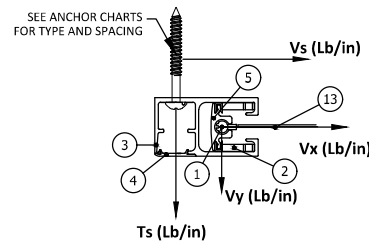
WALL MOUNT



HORIZONTAL SECTION MOUNT TYPE 1 WALL 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.



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 ULTRA CON	WOOD, MIN. SG = 0.55	1 1/2"	2"



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

**ARM TEX WITH FLEX TRACK
SCREEN SYSTEM
(HVHZ) (IMPACT)**

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

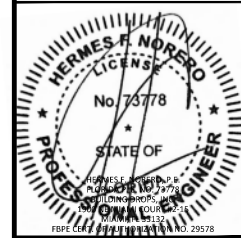
WEB: www.buildingdrops.com

PREPARED BY:



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
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SCALE: NTS

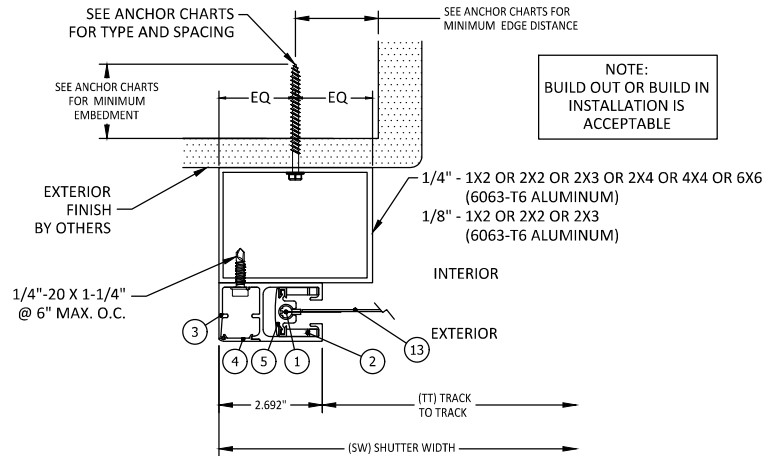
DWG. #: ALU007

SHEET: OF 21

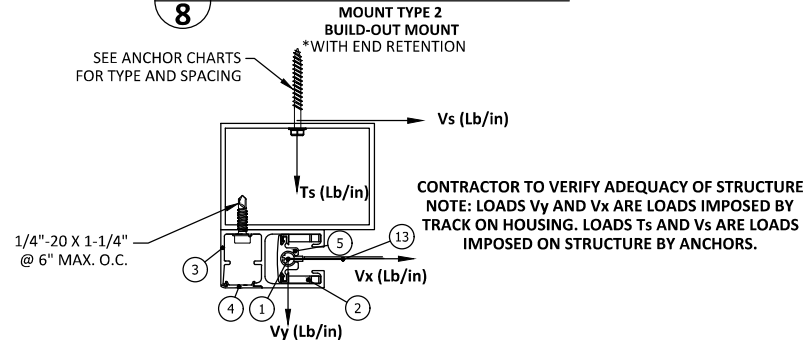
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TABLE 3 - ANCHOR SPACING						ANCHOR TYPE & SPACING WALL - MOUNT 1						ANCHOR TYPE & SPACING 1X2, 2X3 OR 2X4 BO - MOUNT 2						ANCHOR TYPE & SPACING 2X2, 4X4 OR 6X6 BO - MOUNT 2					
FW	DP	VY	VX	Vs	Ts	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F
114	35	13.9	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	6	5	6	6
	45	17.8	59.4	59.4	190.0	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	5	6	5
	50	19.8	63.3	63.3	203.5	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	4	5	5
	55	21.8	66.8	66.8	216.1	6	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4
	60	23.8	70.1	70.1	228.1	6	6	6	6	6	6	6	6	6	5	6	6	6	4	4	3	4	4
	65	25.7	73.1	73.1	239.3	6	6	6	6	6	6	6	6	5	6	6	6	3	4	3	4	3	4
	70	27.7	75.9	75.9	250.0	6	6	6	6	6	6	6	6	4	6	6	6	3	3	3	3	3	3
	75	29.7	78.6	78.6	260.1	6	6	6	6	6	6	6	6	4	6	6	6	3	3	3	3	3	3
	80	31.7	81.0	81.0	269.7	6	6	6	6	6	6	6	6	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	4	5	5	5	-	3	-	3	-	3
90	35.6	85.5	85.5	287.7	6	6	6	6	6	6	5	5	3	5	5	5	-	-	-	-	-	-	
95	37.6	87.5	87.5	296.2	6	6	6	6	6	6	5	5	3	4	4	4	-	-	-	-	-	-	
100	39.6	89.4	89.4	304.3	6	6	6	6	6	6	5	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	4	4	4	-	-	-	-	-	-	
120	35	14.6	51.2	51.2	162.6	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	5	5	4	5	5	5
	50	20.8	64.6	64.6	208.5	6	6	6	6	6	6	6	6	6	6	6	6	4	5	4	5	4	5
	55	22.9	68.3	68.3	222.0	6	6	6	6	6	6	6	6	5	6	6	6	4	4	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	3	4	3	4	3	4
	65	27.1	75.1	75.1	246.7	6	6	6	6	6	6	6	6	4	6	6	6	3	3	3	3	3	3
	70	29.2	78.1	78.1	258.1	6	6	6	6	6	6	6	6	4	6	6	6	3	3	3	3	3	3
	75	31.3	81.0	81.0	269.0	6	6	6	6	6	6	6	6	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	4	5	5	5	-	3	-	3	-	3
	85	35.4	86.1	86.1	289.3	6	6	6	6	6	6	5	5	3	5	5	5	-	-	-	-	-	-
90	37.5	88.5	88.5	298.8	6	6	6	6	6	6	5	5	3	4	4	4	-	-	-	-	-	-	
95	39.6	90.7	90.7	307.9	6	6	6	6	6	6	5	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	4	-	-	-	-	-	-	
105	43.8	94.7	94.7	325.1	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-	-	
110	45.8	96.6	96.6	333.3	6	6	6	6	6	6	4	4	3	3	3	3	-	-	-	-	-	-	
132	35	16.0	52.8	52.8	169.2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	40	18.3	58.1	58.1	187.0	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	5	6	5
	45	20.6	62.9	62.9	203.7	6	6	6	6	6	6	6	6	6	6	6	6	5	5	4	5	5	5
	50	22.9	67.4	67.4	219.5	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4
	55	25.2	71.7	71.7	234.5	6	6	6	6	6	6	6	6	5	6	6	6	3	4	3	4	3	4
	60	27.5	75.6	75.6	248.7	6	6	6	6	6	6	6	6	4	6	6	6	3	3	3	3	3	3
	65	29.8	79.3	79.3	262.2	6	6	6	6	6	6	6	6	4	6	6	6	5	3	-	3	3	3
	70	32.1	82.7	82.7	275.0	6	6	6	6	6	6	6	5	4	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	5	5	5	-	3	-	3	-	3
	80	36.7	89.0	89.0	299.1	6	6	6	6	6	6	5	5	3	4	4	4	-	-	-	-	-	-
	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	4	4	4	-	-	-	-	-	-	
95	43.5	97.2	97.2	331.7	6	6	6	6	6	6	4	4	3	4	4	3	-	-	-	-	-	-	
100	45.8	99.6	99.6	341.7	6	6	6	6	6	6	4	4	-	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	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 DRILL-FLEX 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

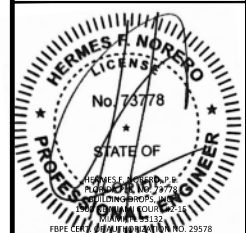
TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(HVHZ) (IMPACT)
HORIZONTAL SECTIONS &
ANCHOR SCHEDULE

BUILDING DROPS, INC.
2800 NE MIAMI COURT, STE. 215
MIAMI, FL 33132
PH: (954) 999-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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FL47087

DATE: 10.04.2024
DWG. BY: DI CHK. BY: HFN
SCALE: NTS
DWG. #: ALU007
SHEET: OF 21

8

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						
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	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	6	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	6	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	6	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	5	-	3	-	3	-
	70	35.0	87.5	87.5	292.5	6	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	6	5	4	3	4	4	4	-	-	-	-	-
	80	40.0	94.6	94.6	319.3	6	6	6	6	6	6	6	4	4	3	4	4	4	-	-	-	-	-
156	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	-	-	-	-	-	-
	35	19.0	57.0	57.0	185.0	6	6	6	6	6	6	6	6	6	6	6	6	5	6	5	6	5	6
	40	21.7	63.1	63.1	205.6	6	6	6	6	6	6	6	6	6	6	6	6	6	4	5	4	5	4
	45	24.4	68.7	68.7	225.2	6	6	6	6	6	6	6	6	5	6	6	6	6	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	6	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	6	5	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	5	-	3	-	3	-
168	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	-	-	-	-	-	-
	35	19.0	59.4	59.4	191.5	6	6	6	6	6	6	6	6	6	6	6	6	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	6	6	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	6	4	4	3	4	4
180	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	-	-	-	-	-	-
	35	21.9	61.9	61.9	202.7	6	6	6	6	6	6	6	6	6	6	6	6	5	5	4	5	5	5
40	25.0	68.7	68.7	226.0	6	6	6	6	6	6	6	6	5	6	6	6	6	4	4	3	4	4	
45	28.1	75.2	75.2	248.4	6	6	6	6	6	6	6	6	4	6	6	6	6	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	5	4	-	-	-	-	-	
60	37.5	92.5	92.5	309.9	6	6	6	6	6	6	5	4	3	4	4	4	4	-	-	-	-	-	
65	40.6	97.7	97.7	328.8	6	6	6	6	6	6	4	4	3	4	4	4	4	-	-	-	-	-	
70	43.8	102.7	102.7	347.1	6	6	6	6	6	6	4	3	-	3	3	3	3	-	-	-	-	-	
75	46.9	107.4	107.4	364.6	6	6	6	6	6	6	3	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	3	-	-	-	-	-	

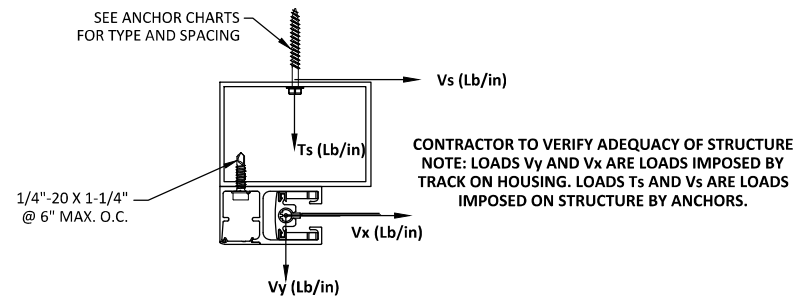


TABLE 3 - ANCHOR SPACING						ANCHOR TYPE & SPACING WALL - MOUNT 1						ANCHOR TYPE & SPACING 1X2, 3X3 OR 2X4 MD - MOUNT 2						ANCHOR TYPE & SPACING 2X2, 4X4 OR 6X6 MD - MOUNT 2						
PW	DP	YY	VX	Vs	Ts	A	B	C	D	E	F	A	B	C	D	E	F	A	B	C	D	E	F	
192	35	23.3	63.7	63.7	209.8	6	6	6	6	6	6	6	6	6	6	6	6	4	5	4	5	4	5	
	40	26.7	70.7	70.7	234.1	6	6	6	6	6	6	6	6	6	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	6	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	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	4	-	-	-	-	-	
	60	40.0	95.3	95.3	321.1	6	6	6	6	6	6	4	4	3	4	4	4	4	-	-	-	-	-	
	65	43.3	100.6	100.6	340.8	6	6	6	6	6	6	4	4	3	3	3	3	3	-	-	-	-	-	
	70	46.7	105.7	105.7	359.7	6	6	6	6	6	6	3	3	3	3	3	3	3	-	-	-	-	-	
216	75	50.0	110.6	110.6	378.0	6	6	5	6	6	6	3	3	3	3	3	3	3	-	-	-	-	-	
	80	53.3	115.2	115.2	395.6	6	6	5	6	6	6	3	3	3	3	3	3	3	-	-	-	-	-	
	35	26.3	69.0	69.0	228.7	6	6	6	6	6	6	6	6	5	6	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	6	6	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	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	5	5	4	-	-	-	-	-
	55	41.3	89.3	89.3	306.5	6	6	6	6	6	6	5	4	3	4	4	4	4	4	-	-	-	-	-
	60	45.0	93.3	93.3	322.9	6	6	6	6	6	6	4	4	3	4	4	4	4	4	-	-	-	-	-
240	65	48.8	97.0	97.0	338.5	6	6	6	6	6	6	4	4	3	3	3	3	3	-	-	-	-	-	
	35	29.2	74.5	74.5	248.1	6	6	6	6	6	6	6	6	6	6	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	6	6	6	6	6	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	5	3	3	-	3	3	3
	50	41.7	87.5	87.5	302.3	6	6	6	6	6	6	5	4	3	4	4	4	4	4	-	-	-	-	-
	55	45.8	90.9	90.9	317.7	6	6	6	6	6	6	4	4	3	4	4	4	4	4	-	-	-	-	-
	35	32.1	80.1	80.1	267.7	6	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	5	3	3	-	3	3	3
264	45	41.3	87.9	87.9	302.5	6	6	6	6	6	6	5	4	3	4	4	4	4	-	-	-	-	-	-
	35	32.1	85.7	85.7	283.3	6	6	6	6	6	6	5	5	3	5	5	5	5	3	3	-	3	3	3
288	35	32.1	85.7	85.7	283.3	6	6	6	6	6	6	5	5	3	5	5	5	5	3	3	-	3	3	3



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

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

ANCHOR SCHEDULE SPACING

BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
DADE COUNTY, FL 33133

MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

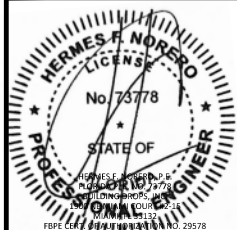
WLO: www.learningforopportunity.com

PREPARED BY:



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:	CHK. BY:
DI	HFN

SCALE: NTS

DWG. #: ALU007

SHEET:	OF 21
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TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING 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
102	110	36.7	81.9	81.9	255.7	4	4	3	4	4	4
	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
108	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
	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
	100	37.5	86.0	86.0	267.8	4	3	3	3	3	3
	105	39.4	87.6	87.6	273.8	3	3	-	3	3	3
	110	41.3	89.1	89.1	279.4	3	3	-	3	3	3
	115	43.1	90.6	90.6	284.9	3	3	-	3	3	3

TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING 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	-	-	-	-	-

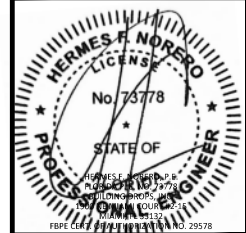


117 DIXON STREET
SELBYVILLE, DE 19975
PH: (302) 436-6005

TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(HVHZ) (IMPACT)
TYP. HORIZONTAL SECTION - INSET
MOUNT ANCHOR SPACING TABLE
PREPARED BY:
BUILDING DROPS, INC.
2800 NE MIAMI COURT, STE. 215
MIAMI, FL 33132
PH: (954) 999-8478
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

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SCALE: NTS

DWG. #: ALU007

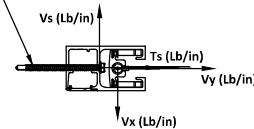
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TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING INSET - MOUNT 3					
SW	DP	VY	VX	Vs	Ts	A	B	C	D	E	F
144	35	17.5	54.8	54.8	165.5	6	6	6	6	6	6
	40	20.0	60.4	60.4	183.1	6	6	5	6	6	6
	45	22.5	65.7	65.7	199.7	6	6	4	6	6	6
	50	25.0	70.6	70.6	215.3	5	5	4	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
156	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	-	-	-	-	-	-
	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
168	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	-	-	-	-	-	-
	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
180	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	-	-	-	-	-	-

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.

TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING 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	-	-	-	-	-	-
	85	53.1	116.4	116.4	364.2	-	-	-	-	-	-
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	-	-	-	-	-	-
	85	56.6	120.3	120.3	376.7	-	-	-	-	-	-
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	-
	70	52.5	100.6	100.6	320.1	-	-	-	-	-	-
	75	56.2	104.2	104.2	333.2	-	-	-	-	-	-
	80	60.0	107.8	107.8	346.3	-	-	-	-	-	-
	85	63.7	111.4	111.4	359.4	-	-	-	-	-	-
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
	60	49.9	94.2	94.2	300.6	-	-	-	-	-	-
	65	54.0	97.5	97.5	313.2	-	-	-	-	-	-
	70	58.1	100.8	100.8	325.8	-	-	-	-	-	-
	75	62.2	104.1	104.1	338.4	-	-	-	-	-	-
	80	66.3	107.4	107.4	351.0	-	-	-	-	-	-
	85	70.4	110.7	110.7	363.6	-	-	-	-	-	-
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
	50	45.8	91.5	91.5	289.5	-	-	-	-	-	-
	55	50.4	95.1	95.1	303.1	-	-	-	-	-	-
	60	54.9	98.7	98.7	316.7	-	-	-	-	-	-
	65	59.4	102.3	102.3	330.3	-	-	-	-	-	-
	70	63.9	105.9	105.9	343.9	-	-	-	-	-	-
	75	68.4	109.5	109.5	357.5	-	-	-	-	-	-
	80	72.9	113.1	113.1	371.1	-	-	-	-	-	-
	85	77.4	116.7	116.7	384.7	-	-	-	-	-	-
288	35	35.0	85.7	85.7	265.0	4	4	3	3	3	3
	40	40.0	96.8	96.8	300.0	3	3	-	3	3	3
	45	45.0	107.9	107.9	335.0	2	2	-	2	2	2
	50	50.0	119.0	119.0	370.0	1	1	-	1	1	1
	55	55.0	130.1	130.1	405.0	-	-	-	-	-	-
	60	60.0	141.2	141.2	440.0	-	-	-	-	-	-
	65	65.0	152.3	152.3	475.0	-	-	-	-	-	-
	70	70.0	163.4	163.4	510.0	-	-	-	-	-	-
	75	75.0	174.5	174.5	545.0	-	-	-	-	-	-
	80	80.0	185.6	185.6	580.0	-	-	-	-	-	-
	85	85.0	196.7	196.7	615.0	-	-	-	-	-	-
	90	90.0	207.8	207.8	650.0	-	-	-	-	-	-



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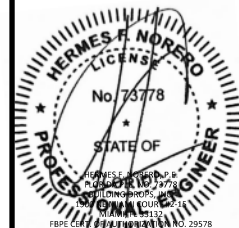
ANCHOR SCHEDULE - INSET MOUNT

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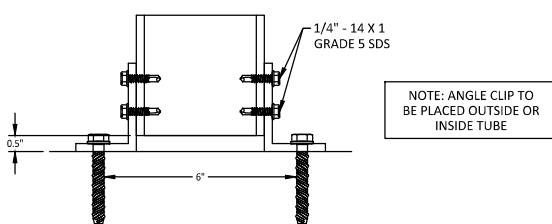
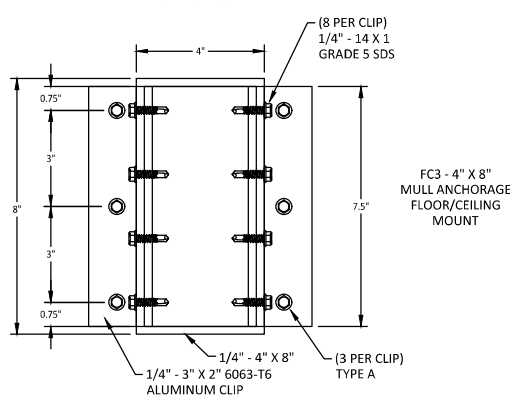
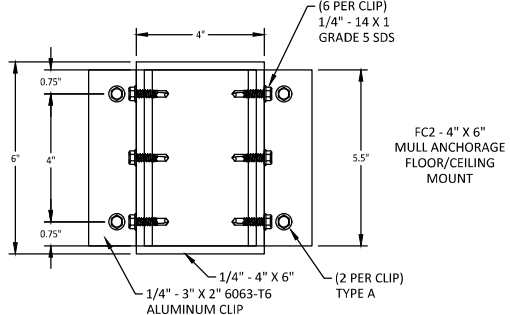
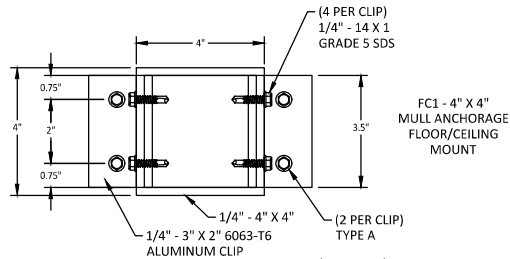


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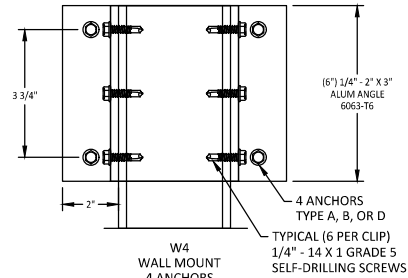
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EQUALLY SPACED MULLIONS WALL AND INSET CONNECTIONS



ANCHOR TYPE	WALL MOUNT ANCHOR SELECTION		
	MULLION TYPE		
A	4X4	4X6	4X8
B	W4	N/A	N/A
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	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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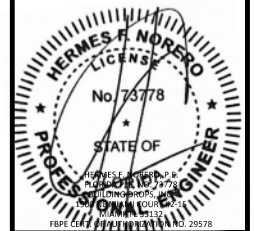
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EQUALLY SPACED MULLION
ANCHORS

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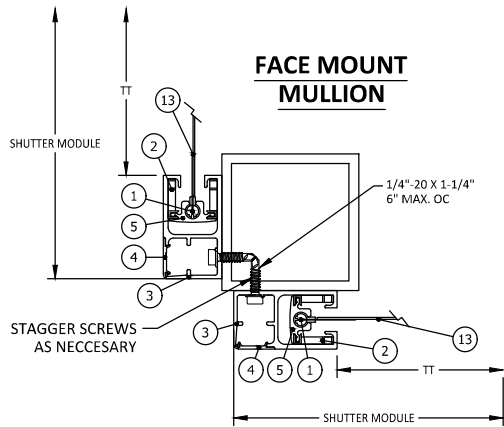
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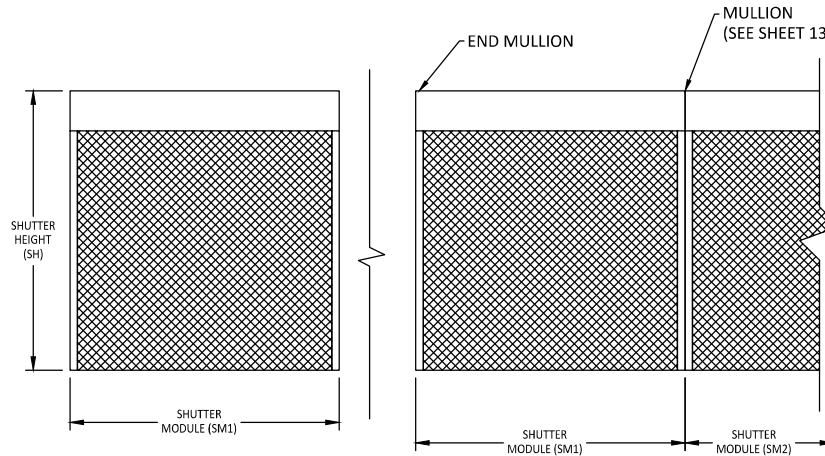
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CORNER MULLION SELECTION



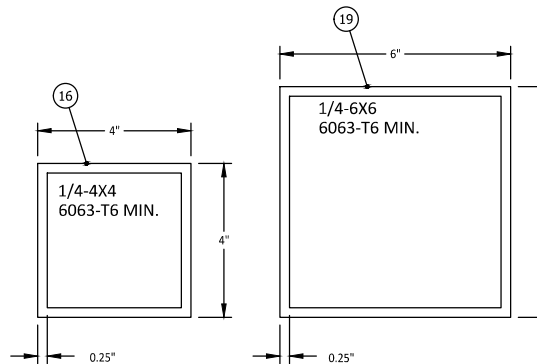
$$SM1 = SM2 = SM3$$

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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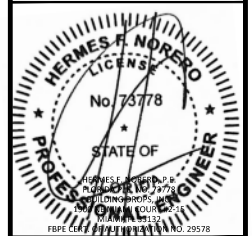
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CORNER MULLION

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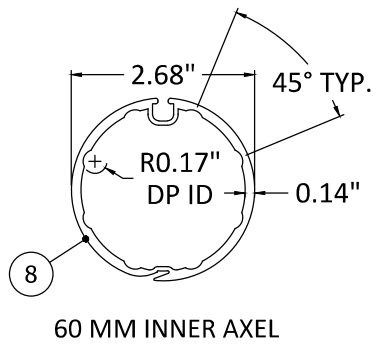
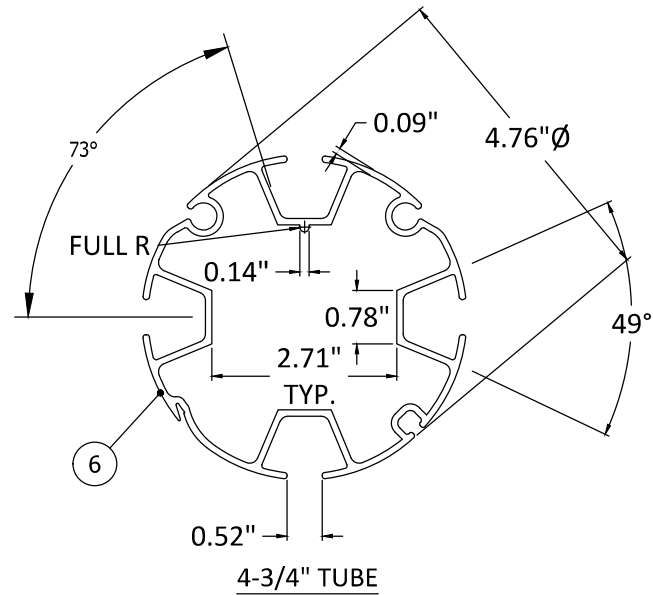
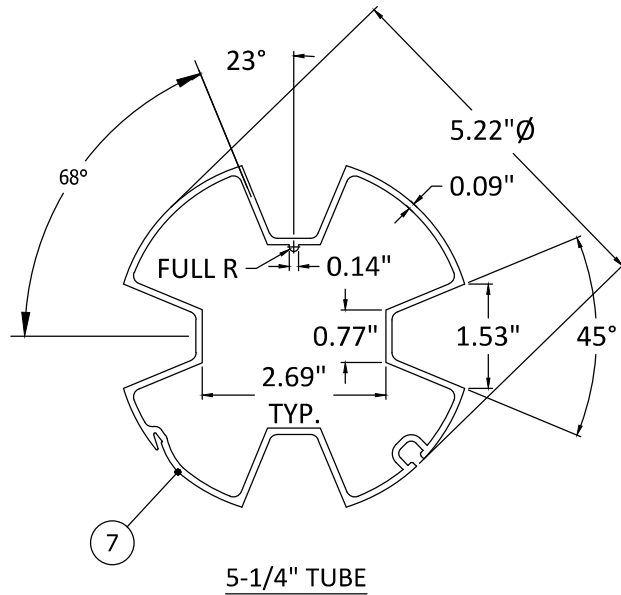
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4-3/4" AND 5-1/4" TUBE DETAILS



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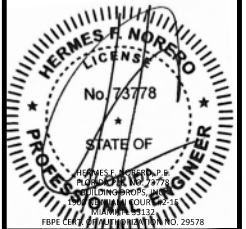
4-3/4" & 5-1/4" TUBE DETAILS

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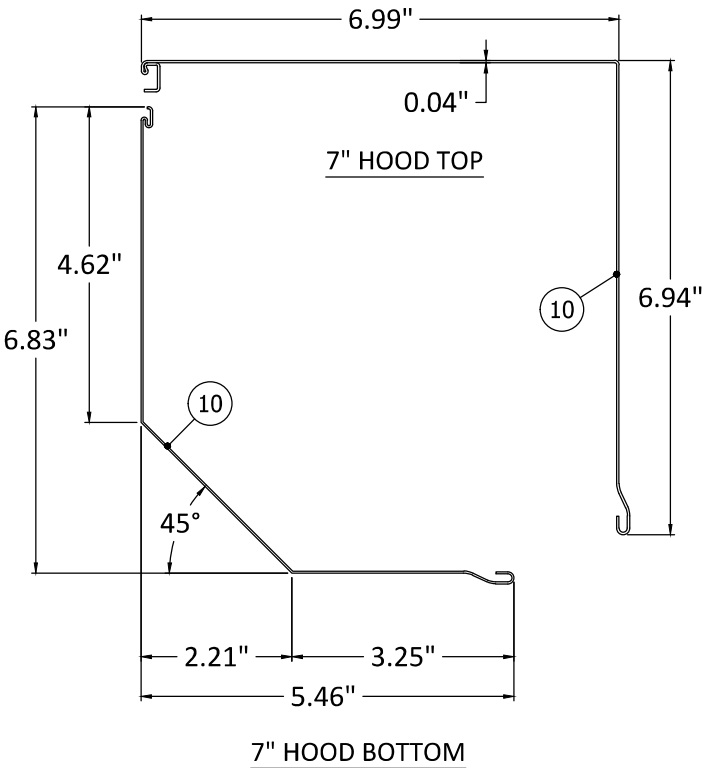
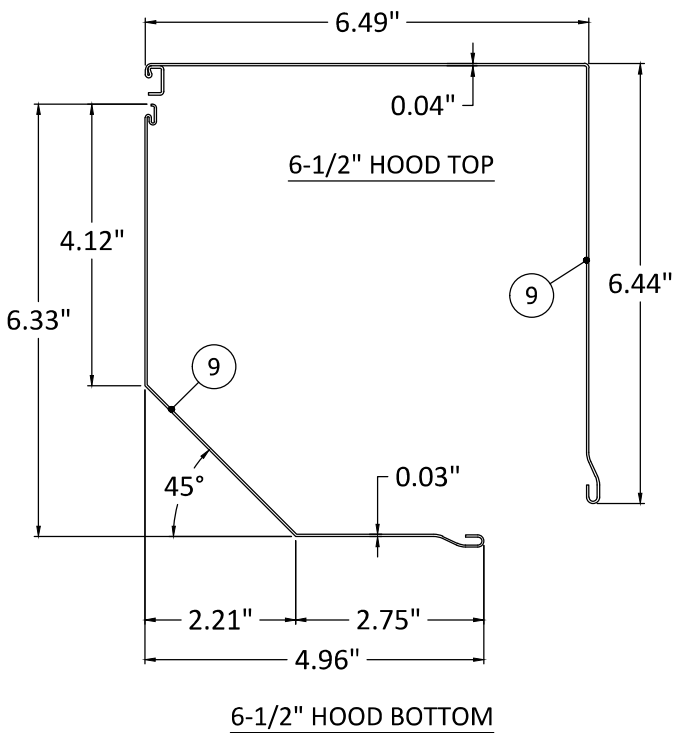
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6-1/2" AND 7" HOOD DETAILS



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

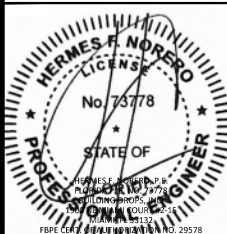
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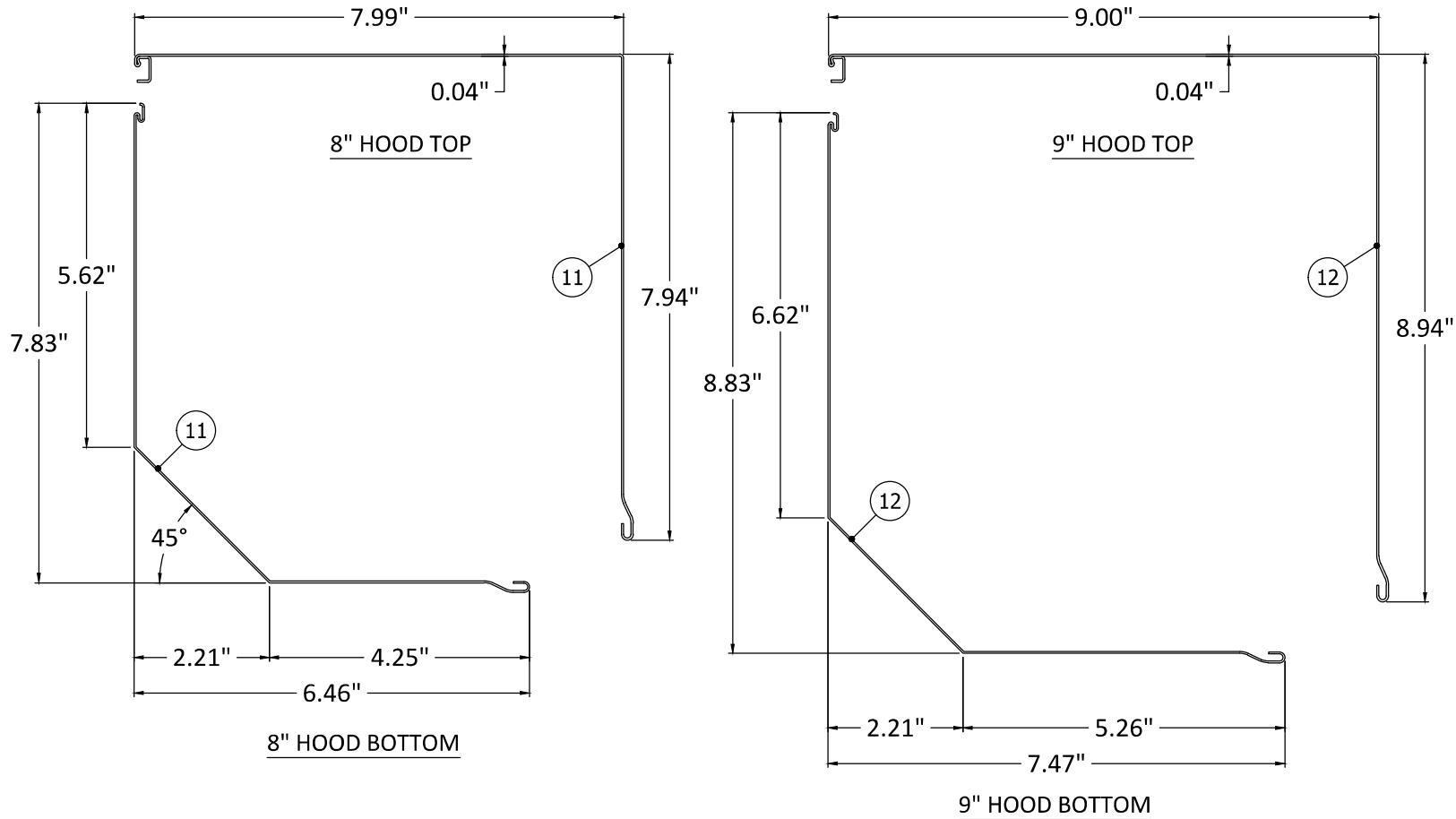
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8" AND 9" HOOD DETAILS



NOTE:

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



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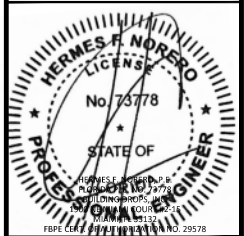
8" & 9" HOOD DETAILS

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REMARKS	BY	DATE

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FL47087

DATE: 10.04.2024

DWG. BY: DI CHK. BY: HFN

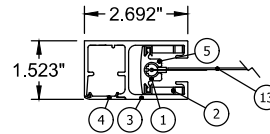
SCALE: NTS

DWG. #: ALU007

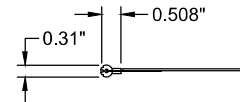
SHEET: OF 21

20

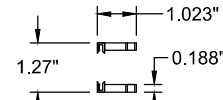
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	STORM TEX KEDER	POM/NYLON
2	PLASTIC TENSION SPRING	PPE
3	SIDE RAIL	ALUMINUM (6061 T6)
4	SNAP IN SCREW COVER	ALUMINUM (6061 T6)
5	STORM TEX INNER CHANNEL	ALUMINUM (6061 T6)
6	4-3/4" TUBE	-
7	5-1/4" TUBE	-
8	60mm INNER AXEL	-
9	6-1/2" HOOD CAP (TOP & BOTTOM)	-
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)



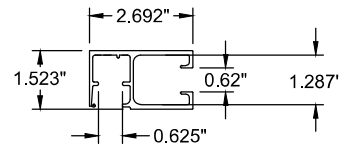
A WALL MOUNT AND INSET MOUNT



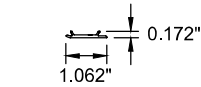
1 STORM TEX KEDER



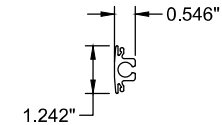
2 PLASTIC TENSION SPRING



3 SIDE RAIL



4 SNAP IN SCREW COVER



5 STORM TEX INNER CHANNEL

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



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

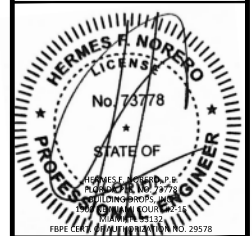
**TITLE: STORM TEX WITH FLEX TRACK
SCREEN SYSTEM
(HVHZ) (IMPACT)
BILL OF MATERIALS &
COMPONENTS**

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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