PROGRESSIVE SCREENS

MAGNATRACK HURRICANE SYSTEM
FABRIC ROLL SHUTTER
(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
   - ASTM E330/E330M-14(21)
   - ASTM E1886-13a
   - ASTM E1996-17
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. 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: 6063-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 16, 18 AND 19 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, 10, 13, 17, AND 20 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.
6. ASSEMBLY FASTENERS SHALL BE COATED WITH A HV COATING SYSTEM AS MANUFACTURED BY AN APPROVED COATING APPLICATOR.
7. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
8. 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.
9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
   - 9.A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
   - 9.B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
   - 9.C. GROUT FILLED MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MIN 2000 PSI.
   - 9.D. STEEL - MINIMUM A36, $\frac{3}{16}$" THICKNESS
   - 9.E. ALUMINUM - MINIMUM 6063-T6 $\frac{1}{4}$" THICKNESS.
10. FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
11. CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

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Reason: I am approving this document
Date: 2026.10.22 16:35:32 -04'00'

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) GENERAL & INSTALLATION NOTES*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
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WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

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CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

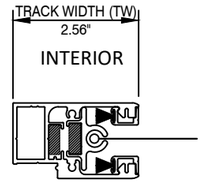
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DESIGN PRESSURE RATINGS

TABLE 1 - MAX ALLOWABLE DESIGN PRESSURE		
FRAME WIDTH	POSITIVE	NEGATIVE
360.0	35.0	35.0
320.0	40.0	40.0
300.0	45.0	45.0
264.0	50.0	50.0
240.0	60.0	60.0
216.0	66.7	66.7
192.0	85.0	85.0
168.0	110.0	110.0
144.0	130.0	130.0
132.0	140.0	140.0
120.0	155.0	155.0
108.0	165.0	165.0
96.0	175.0	175.0
84.0	185.0	185.0
72.0	200.0	200.0



EXTERIOR

HOUSING AND TRACK ASSEMBLY

TABLE 2: GLASS SEPARATION (GS) INCHES															
LOAD (PSF)	FRAME WIDTH (IN)														
	72	84	96	108	120	132	144	168	192	216	240	264	300	320	360
35	3.25	3.75	4.25	5.00	5.50	6.25	7.25	9.50	13.00	19.00	22.00	25.50	32.75	38.25	45.50
40	3.75	4.25	4.75	5.50	6.25	7.00	8.25	10.75	14.75	21.50	25.00	29.00	37.25	43.50	-
45	4.00	4.75	5.25	6.00	7.00	8.00	9.00	12.00	16.50	24.00	28.00	32.50	42.00	-	-
50	4.50	5.00	5.75	6.50	7.50	8.75	10.00	13.25	18.25	26.75	31.00	36.00	-	-	-
60	5.00	6.00	6.75	7.75	9.00	10.25	11.75	15.75	21.75	31.75	37.00	-	-	-	-
66.7	5.50	6.50	7.50	8.50	9.75	11.25	13.00	17.50	24.25	35.25	-	-	-	-	-
85	6.75	8.00	9.25	10.75	12.25	14.25	16.25	22.00	30.50	-	-	-	-	-	-
110	8.50	10.00	11.75	13.50	15.50	18.00	21.00	28.25	-	-	-	-	-	-	-
130	10.00	11.75	13.75	15.75	18.25	21.25	24.50	-	-	-	-	-	-	-	-
140	10.75	12.50	14.50	17.00	19.75	22.75	-	-	-	-	-	-	-	-	-
155	11.75	13.75	16.00	18.75	21.75	-	-	-	-	-	-	-	-	-	-
165	12.50	14.75	17.00	19.75	-	-	-	-	-	-	-	-	-	-	-
175	13.25	15.50	18.00	-	-	-	-	-	-	-	-	-	-	-	-
185	14.00	16.25	-	-	-	-	-	-	-	-	-	-	-	-	-
200	15.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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.

PROGRESSIVE SCREENS
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TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) ELEVATION & DESIGN PRESSURE TABLE*

PREPARED BY: BUILDING DROPS, INC.
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NEW TESTING UPDATE	SH	2/10/22
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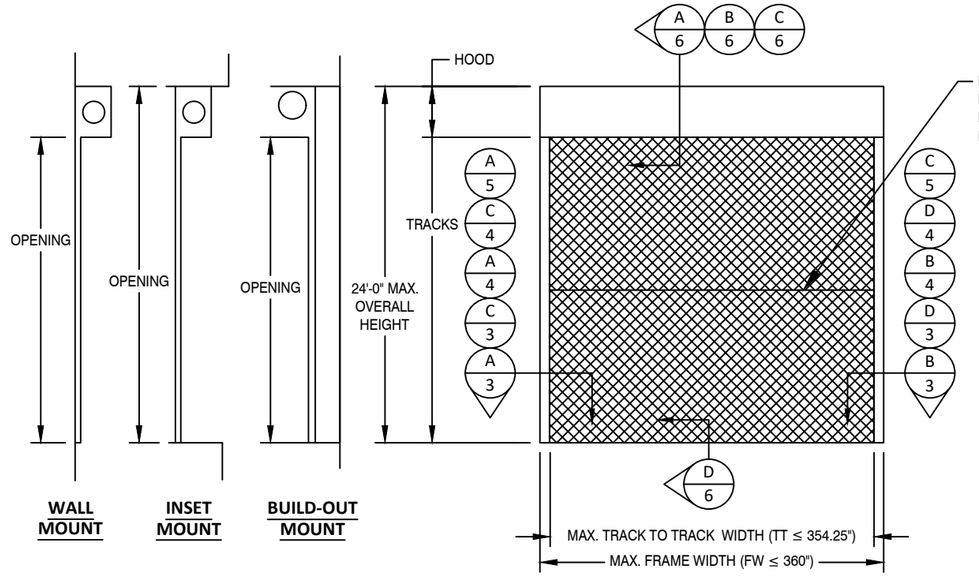
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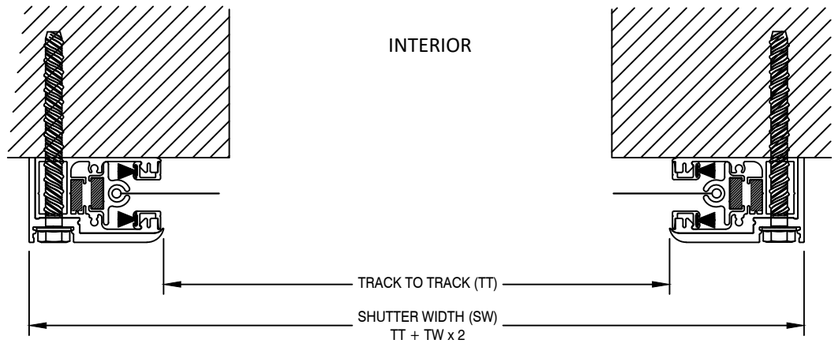
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TYPICAL SINGLE UNIT ELEVATION
WALL AND INSET MOUNT DETAILS



REVERSED INSTALLATION IS ACCEPTABLE

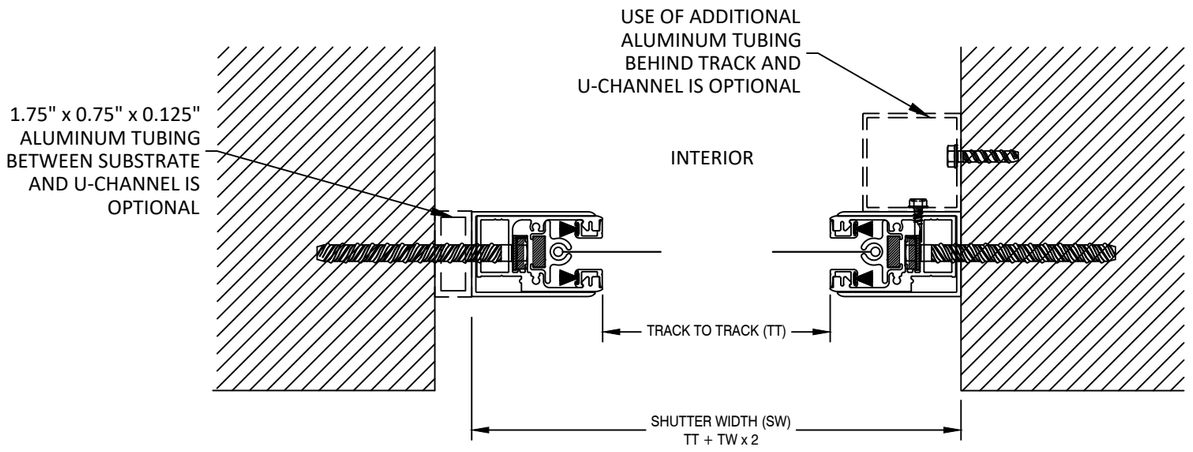


A/3 HORIZONTAL SECTION
WALL MOUNT

B/3 HORIZONTAL SECTION
WALL MOUNT

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

SEE DETAILS ON SHEETS 7-15 FOR ANCHOR REQUIREMENTS



C/3 HORIZONTAL SECTION
INSET MOUNT

D/3 HORIZONTAL SECTION
INSET MOUNT

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
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TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) TYP. SINGLE UNIT HORIZONTAL SECTIONS*

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FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

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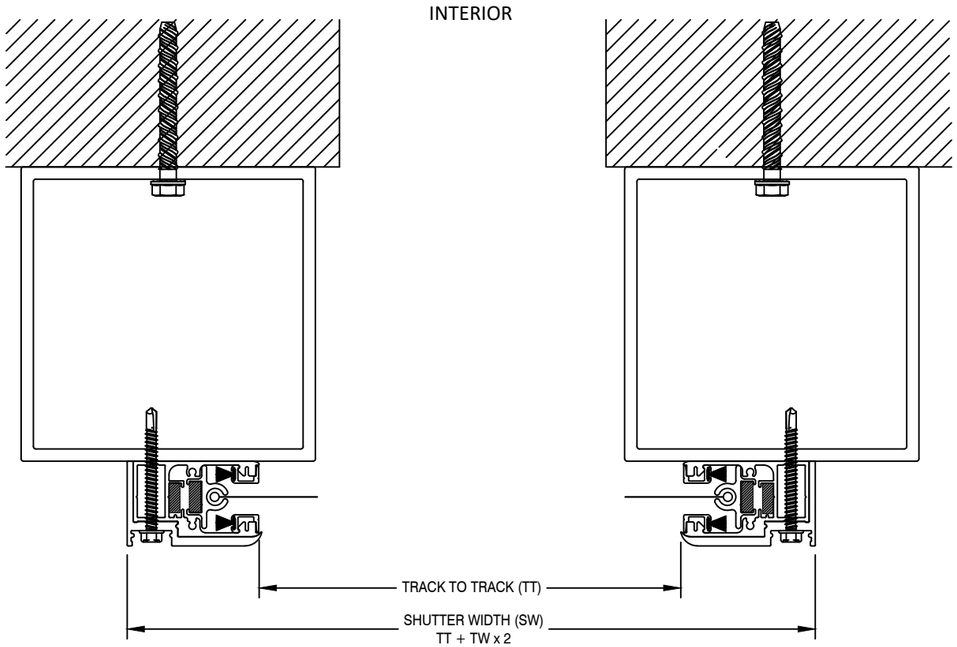
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BUILD OUT MOUNT DETAILS
RECESSED MOUNT DETAILS

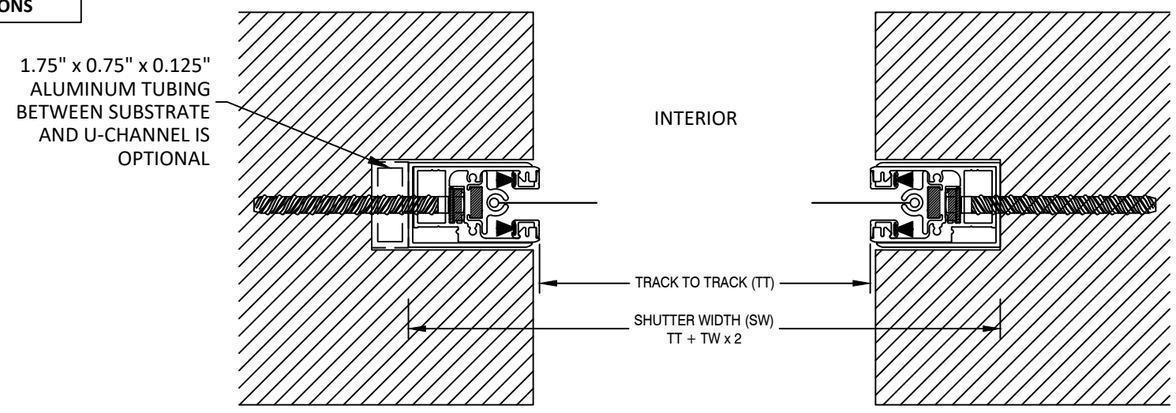


A/4 HORIZONTAL SECTION
BUILD-OUT MOUNT

B/4 HORIZONTAL SECTION
BUILD-OUT MOUNT

SEE DETAILS ON SHEETS 7-15 FOR ANCHOR REQUIREMENTS

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



C/4 HORIZONTAL SECTION
RECESSED MOUNT

D/4 HORIZONTAL SECTION
RECESSED MOUNT

PROGRESSIVE SCREENS
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SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) TYP. SINGLE UNIT HORIZONTAL SECTIONS*

PREPARED BY: BUILDING DROPS, INC.
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HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
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HERMES F. NORTERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES ENGINEERING LLC
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FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

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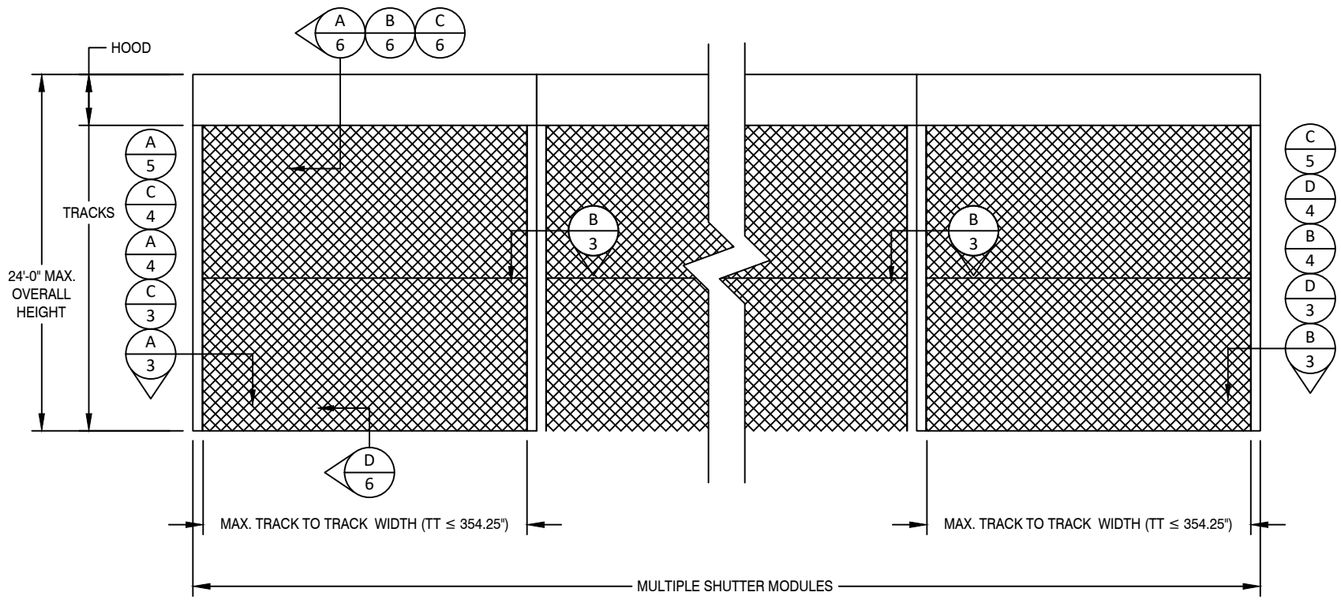
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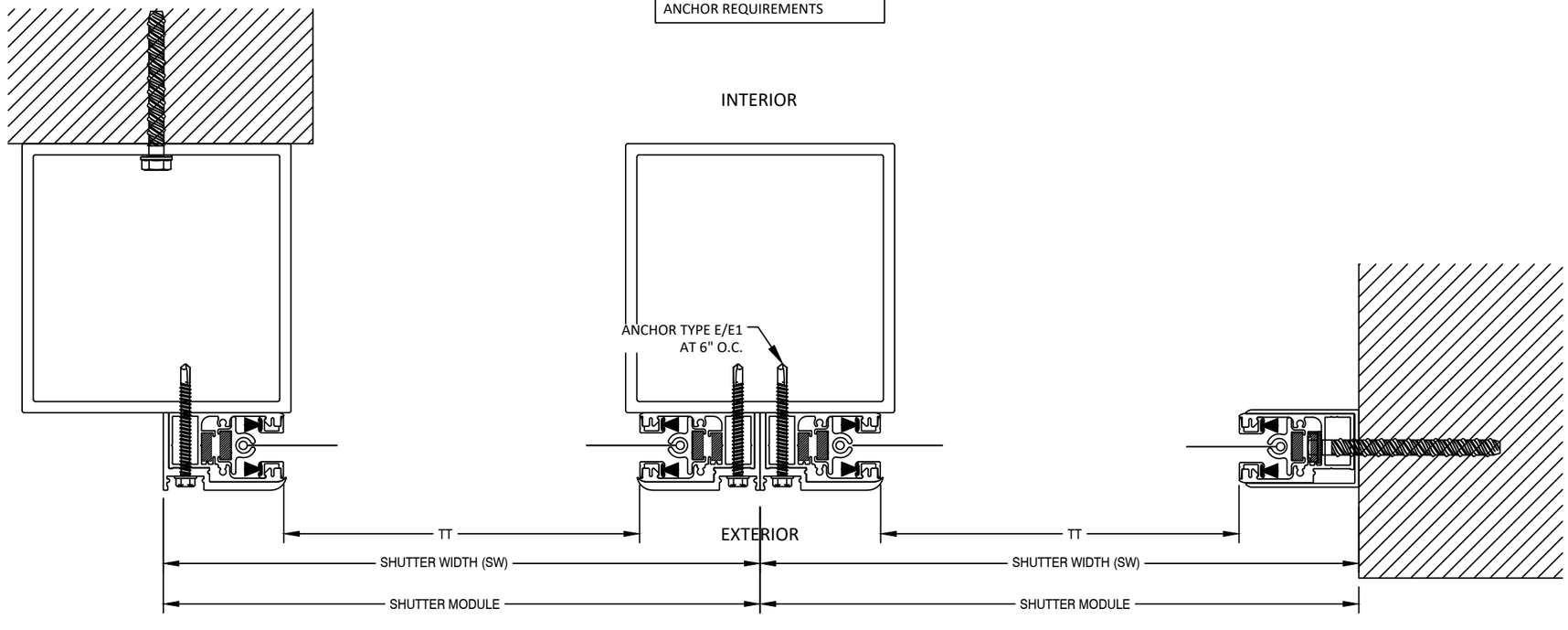
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TYPICAL MULTIPLE UNITS ELEVATION



SEE DETAILS ON SHEETS 7-15 FOR ANCHOR REQUIREMENTS



A/5 HORIZONTAL SECTION
BUILD-OUT MOUNT

B/5 HORIZONTAL SECTION
MULTIPLE CONNECTION

C/5 HORIZONTAL SECTION
INSET MOUNT

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
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TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) MULTIPLE UNITS HORIZONTAL SECTIONS*

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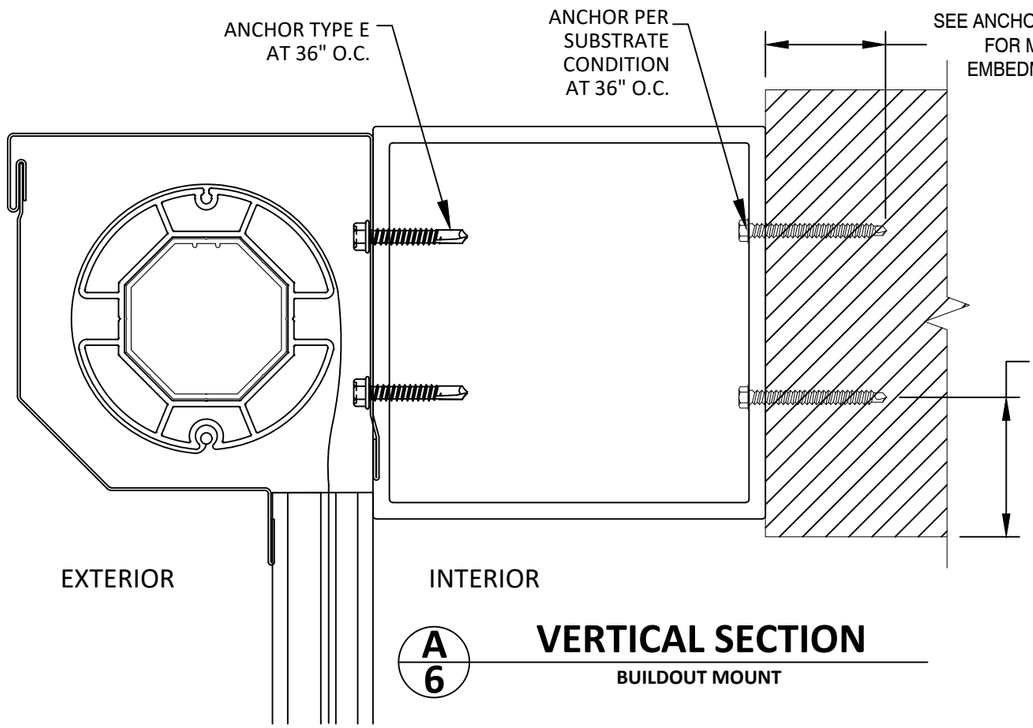
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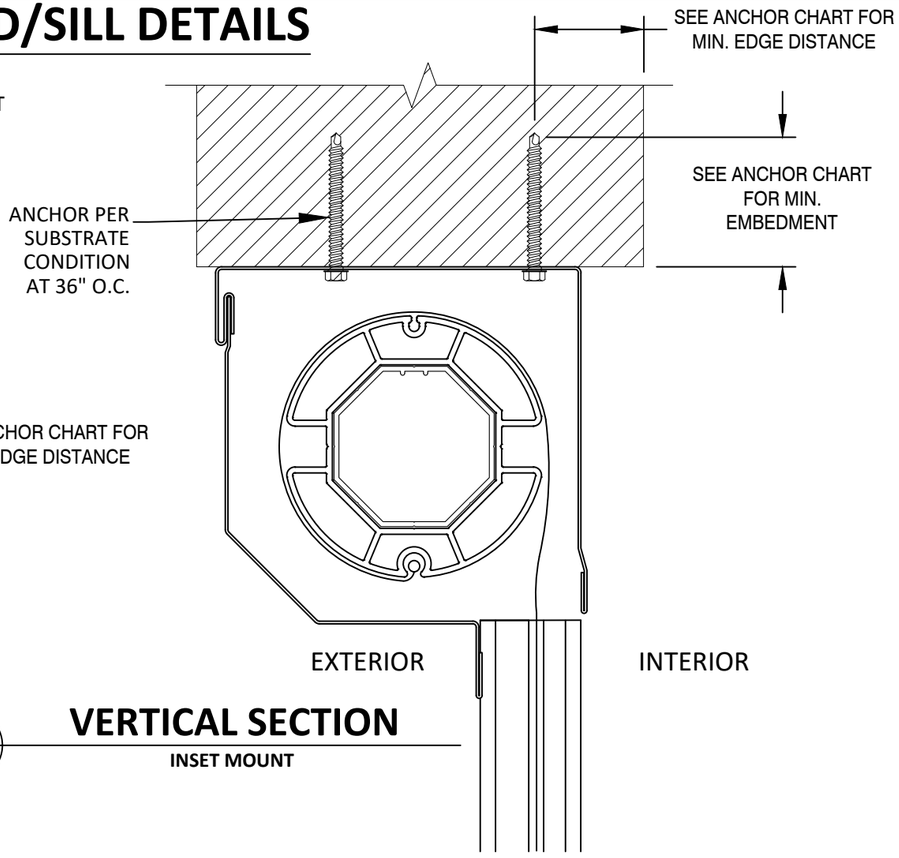
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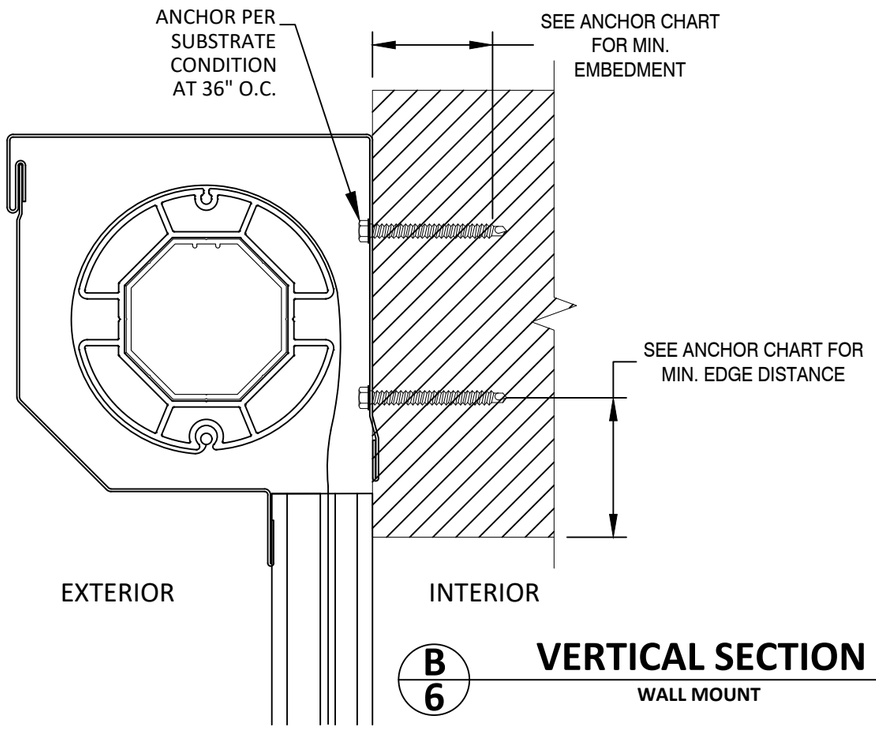
TYPICAL HEAD/SILL DETAILS



A/6 VERTICAL SECTION
BUILDOUT MOUNT

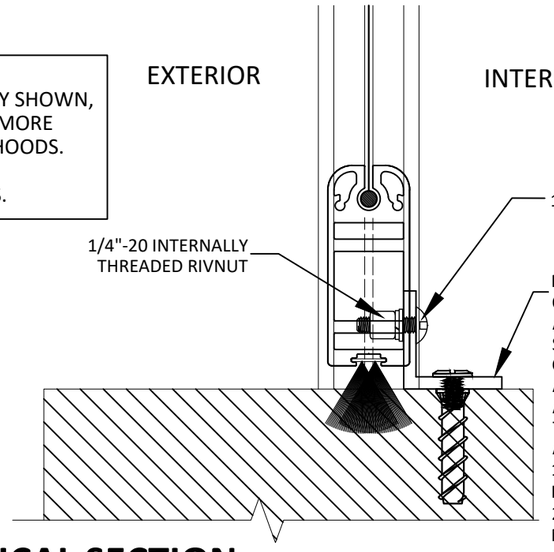


C/6 VERTICAL SECTION
INSET MOUNT



B/6 VERTICAL SECTION
WALL MOUNT

NOTE:
4" TUBE AND 5.5" HOOD ASSEMBLY SHOWN, SEE SHEETS 21-29 AND 32-34 FOR MORE DETAILS AND FOR ALL AVAILABLE HOODS. HOOD AND TUBE SHALL FOLLOW MANUFACTURERS SPECIFICATIONS.



FOR SHUTTERS WITH SW DIMENSION OF 22' OR GREATER, USE A 2" x 2" x 3/16" 6063-T5 ANGLE. AT THE ENDS 12" LONG ANGLE SECURED TO THE WEIGHT BAR AT THE CENTERLINE AND 2" FROM THE ENDS USING A 1/4"-20 PH MACHINE SCREW TO RIVNUT. AT THE CENTER 18" LONG ANGLE SECURED TO THE WEIGHT BAR AT THE CENTERLINE AND 2" AND 5" FROM THE ENDS USING A 1/4"-20 PH MACHINE SCREW TO RIVNUT. FOR INSTALLATION INTO SUBSTRATE USE 1/4" X 2-1/8" PANELMATE INSERT WITH 1/4"-20 MACHINE SCREW AT 1.5" MIN. EMBEDMENT AND 3" MIN. EDGE DISTANCE AT SAME SPACING AS THE MACHINE SCREW TO RIVNUT ABOVE.

D/6 VERTICAL SECTION
SILL

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) TYP. VERTICAL SECTIONS*

PREPARED BY: BUILDING DROPS, INC.
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FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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HERMES F. NORIEGA LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORIEGA, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

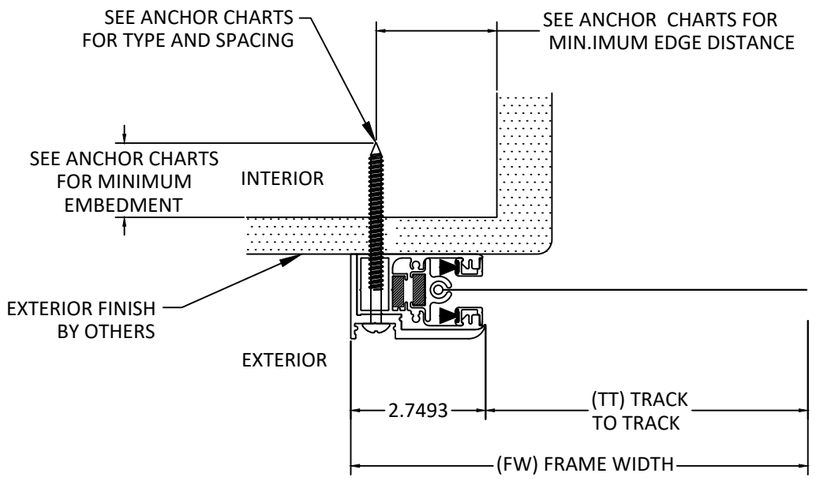
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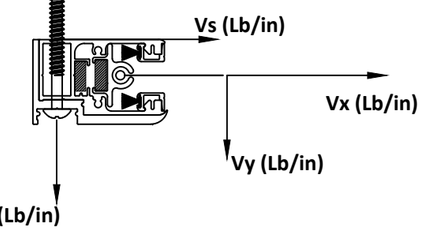
TABLE 3 - ANCHOR SPACING						ANCHOR TYPE & SPACING WALL - MOUNT 1							ANCHOR TYPE & SPACING 2X3, 2X4, 4X4 OR 6X6 BO - MOUNT 2						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G	A	B	C	D	E	F	G
72	35	0.0	8.8	0.0	39.0	12	12	12	12	12	12	6	12	12	12	12	12	12	6
	40	64.0	10.0	64.0	161.5	12	12	12	12	12	12	6	12	11	6	10	12	9	5
	45	64.0	11.3	64.0	162.8	12	12	12	12	12	12	6	12	11	6	10	12	9	5
	50	64.0	12.5	64.0	164.1	12	12	12	12	12	12	6	12	11	6	10	12	9	5
	55	64.0	13.8	64.0	165.4	12	12	12	12	12	12	6	12	11	6	10	12	9	5
	60	64.0	15.0	64.0	166.7	12	12	12	12	12	12	6	12	11	6	9	12	9	4
	65	64.0	16.3	64.0	167.9	12	12	12	12	12	12	6	12	11	6	9	12	9	4
	66.7	64.0	16.7	64.0	168.4	12	12	12	12	12	12	6	12	11	6	9	12	9	4
	70	64.0	17.5	64.0	169.2	12	12	12	12	12	12	6	12	10	6	9	12	9	4
	75	64.0	18.8	64.0	170.5	12	12	12	12	12	12	6	12	10	6	9	12	8	4
	80	64.0	20.0	64.0	171.8	12	12	12	12	12	12	6	12	10	6	9	12	8	4
	85	64.0	21.3	64.0	173.0	12	12	12	12	12	12	6	12	10	6	9	12	8	4
	90	64.0	22.5	64.0	174.3	12	12	12	12	12	12	6	12	10	5	9	12	8	4
	95	64.0	23.8	64.0	175.6	12	12	12	12	12	12	6	12	10	5	9	12	8	4
	100	64.0	25.0	64.0	177.2	12	12	12	12	12	12	6	12	10	5	8	12	8	4
	105	64.0	26.3	64.0	178.9	12	12	12	12	12	12	6	12	9	5	8	12	8	4
	110	64.0	27.5	64.0	180.6	12	12	12	12	12	12	6	12	9	5	8	12	8	4
	115	64.0	28.8	64.0	182.3	12	12	12	12	12	12	6	12	9	5	8	12	8	4
	120	64.0	30.0	64.0	184.0	12	12	12	12	12	12	6	12	9	5	8	12	7	4
	125	64.0	31.3	64.0	185.7	12	12	12	12	12	12	6	12	9	5	8	12	7	4
	130	64.0	32.5	64.0	187.3	12	12	12	12	12	12	6	12	9	5	8	12	7	4
	135	64.0	33.8	64.0	189.0	12	12	12	12	12	12	6	12	9	5	8	12	7	4
	140	64.0	35.0	64.0	190.7	12	12	12	12	12	12	6	12	9	5	8	12	7	4
	145	64.0	36.3	64.0	192.4	12	12	12	12	12	12	6	12	8	5	8	12	7	4
	150	64.0	37.5	64.0	194.1	12	12	12	12	12	12	6	12	8	5	7	12	7	3
	155	64.0	38.8	64.0	195.8	12	12	12	12	12	12	6	12	8	5	7	12	7	3
	160	64.0	40.0	64.0	197.5	12	12	12	12	12	12	6	12	8	5	7	12	7	3
	165	64.0	41.3	64.0	199.1	12	12	12	12	12	12	6	12	8	5	7	12	7	3
	170	64.0	42.5	64.0	200.8	12	12	12	12	12	12	6	12	8	5	7	12	7	3
	175	64.0	43.8	64.0	202.5	12	12	12	12	12	12	6	12	8	5	7	12	6	3
	180	64.0	45.0	64.0	204.2	12	12	12	12	12	12	6	12	8	5	7	12	6	3
	185	64.0	46.3	64.0	205.9	12	12	12	12	12	12	6	12	8	4	7	12	6	3
	190	64.0	47.5	64.0	207.6	12	12	12	12	12	12	6	12	8	4	7	12	6	3
	195	64.0	48.8	64.0	209.2	12	12	12	12	12	12	6	12	7	4	7	12	6	3
	200	64.0	50.0	64.0	184.0	12	12	12	12	12	12	6	12	7	4	7	12	6	3
84	35	73.4	10.2	73.4	0.0	12	12	11	12	12	12	6	12	9	5	8	12	7	4
	40	73.4	11.7	73.4	0.0	12	12	11	12	12	12	6	12	9	5	8	12	7	4
	45	73.4	13.1	73.4	0.0	12	12	11	12	12	12	6	12	9	5	8	12	7	4
	50	73.4	14.6	73.4	0.0	12	12	11	12	12	12	6	12	9	5	8	12	7	4
	55	73.4	16.0	73.4	184.0	12	12	11	12	12	12	6	12	9	5	7	12	7	3
	60	73.4	17.5	73.4	185.5	12	12	11	12	12	12	6	12	8	5	7	12	7	3
	65	73.4	19.0	73.4	187.0	12	12	11	12	12	12	6	12	8	4	7	12	7	3
	66.7	73.4	19.5	73.4	188.5	12	12	11	12	12	12	6	12	8	4	7	12	7	3
	70	73.4	20.4	73.4	190.0	12	12	11	12	12	12	6	12	8	4	7	12	7	3
	75	73.4	21.9	73.4	191.5	12	12	11	12	12	12	6	12	8	4	7	12	7	3
	80	73.4	23.3	73.4	193.0	12	12	11	12	12	12	6	12	8	4	7	12	6	3
	85	73.4	24.8	73.4	193.5	12	12	11	12	12	12	6	12	8	4	7	12	6	3
	90	73.4	26.3	73.4	194.4	12	12	11	12	12	12	6	12	8	4	7	12	6	3
	95	73.4	27.7	73.4	195.9	12	12	11	12	12	12	6	12	8	4	7	12	6	3
	100	73.4	29.2	73.4	197.4	12	12	11	12	12	12	6	12	7	4	7	12	6	3
	105	73.4	30.6	73.4	198.9	12	12	11	12	12	12	6	12	7	4	6	12	6	3
	110	73.4	32.1	73.4	200.4	12	12	11	12	12	12	6	12	7	4	6	12	6	3
	115	73.4	33.5	73.4	202.0	12	12	11	12	12	12	6	12	7	4	6	12	6	3
	120	73.4	35.0	73.4	204.0	12	12	11	12	12	12	6	12	7	4	6	12	6	3
	125	73.4	36.5	73.4	205.9	12	12	11	12	12	12	6	12	7	4	6	12	6	3
	130	73.4	37.9	73.4	207.9	12	12	11	12	12	12	6	12	7	4	6	12	6	3
	135	73.4	39.4	73.4	209.9	12	12	11	12	12	12	6	12	7	4	6	12	6	3
	140	73.4	40.8	73.4	211.8	12	12	11	12	12	12	6	12	7	4	6	12	6	3
	145	73.4	42.3	73.4	213.8	12	12	11	12	12	12	6	12	7	4	6	12	5	3
	150	73.4	43.8	73.4	215.8	12	12	11	12	12	12	6	12	7	4	6	12	5	3
	155	73.4	45.2	73.4	217.7	12	12	11	12	12	12	6	12	6	4	6	12	5	3
	160	73.4	46.7	73.4	219.7	12	12	11	12	12	12	6	12	6	4	6	11	5	3
	165	73.4	48.1	73.4	221.7	12	12	11	12	12	12	6	12	6	4	6	11	5	3
	170	73.4	49.6	73.4	223.6	12	12	11	12	12	12	6	12	6	4	5	11	5	-
	175	73.4	51.0	73.4	225.6	12	12	11	12	12	12	6	12	6	3	5	11	5	-
	180	73.4	52.5	73.4	227.5	12	12	11	12	12	12	6	12	6	3	5	11	5	-
	185	73.4	54.0	73.4	229.5	12	12	11	12	12	12	6	12	6	3	5	11	5	-

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 SCHEDULE:

Anchor	DESCRIPTION	MATERIAL	EDGE DISTANCE	EMBEDMENT
A	3/8" DEWALT/POWERS WEDGE BOLT	MIN. 3000 PSI CONCRETE	3 3/4"	3 1/2"
A1*	3/8" HILTI KWIK BOLT TZ2 SS304/SS316 WEDGE BOLT	MIN. 3000 PSI CONCRETE	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 ≥ 1500 PSI	2"	2 1/2"
C1*	3/8" HILTI KWIK BOLT TZ2 SS304/SS316 WEDGE BOLT	GROUT FILLED C-90 BLOCK f'm ≥ 1500 PSI	4"	3"
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
		A36 3/16" STEEL	3/8"	
E1*	5/16" SS304/SS305/SS316/SS410 SELF-DRILLING SCREW	MIN. 1/4" 6063-T6 ALUM.	1/2"	3 THREADS PENETRATION
		A36 3/16" STEEL	3/8"	
F	5/16" DEWALT/ELCO ULTRACON	MIN. SG = 0.55 WOOD	1 1/2"	2"
F1*	3/8" SS LAG SCREW	MIN. SG = 0.55 WOOD	1 1/2"	2"
G	1/4" ITW TAPCON	MIN. 3000 PSI CONCRETE	2 1/2"	1 3/4"

*** SEE STAINLESS STEEL ANCHOR NOTES ON SHEET 7.1.**

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) HORIZONTAL SECTIONS & ANCHOR SCHEDULE*

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HERMES F. NORERO, P.E.
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

SHEET: 7 | REV. E

1. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

1.1. FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).

1.2. *FASTENERS INSTALLED WITHIN 300 FEET OF A SALTWATER COASTLINE IN EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE STAINLESS STEEL PER SECTION 1711.1.1.1 (ASTM A240 TYPE 304, 305, 316, OR 410)

1.3. CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED UNVENTED SPACES SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

1.4. CONNECTORS AND METAL PLATES USED BETWEEN 300 AND 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED VENTED SPACES, EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE ENHANCED GALVANIZED PER SECTION 1711.1.2.2 (ASTM A653 G185, ASTM A123 AT 2.0 OZ/SF MIN, OR TPI 1 COATING).

1.5. *CONNECTORS AND METAL PLATES USED WITHIN 300 FEET OF A SALTWATER COASTLINE IN EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE STAINLESS STEEL PER SECTION 1711.1.2.1 (ASTM A240 TYPE 316).

1.6. FASTENERS USED WITH CONNECTORS OR METAL PLATES SHALL HAVE A CORROSION-RESISTANT COATING OR COMPOSITION COMPATIBLE WITH THAT OF THE CONNECTOR/PLATE TO PREVENT GALVANIC CORROSION BETWEEN DISSIMILAR MATERIALS (SECTION 1711.1.1.3).
EXCEPTION: FASTENERS AND CONNECTORS FULLY EMBEDDED IN CONCRETE OR MORTAR ARE EXEMPT FROM NOTES 6 AND 7 (SECTION 1711.1).

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) HORIZONTAL SECTIONS & ANCHOR SCHEDULE*

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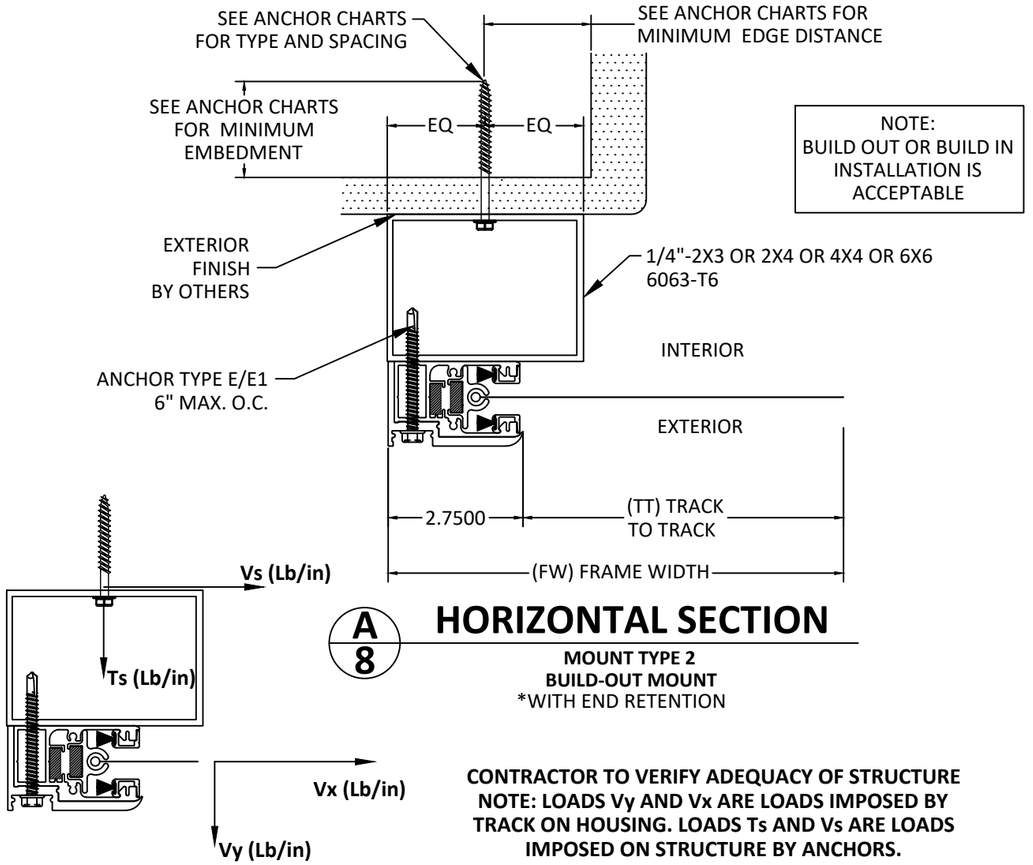
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TABLE 3 - ANCHOR SPACING						ANCHOR TYPE & SPACING WALL - MOUNT 1							ANCHOR TYPE & SPACING 2X3, 2X4, 4X4 OR 6X6 BO - MOUNT 2						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G	A	B	C	D	E	F	G
96	35	81.5	11.7	81.5	204.6	12	12	9	12	12	12	6	12	8	4	7	12	6	3
	40	81.5	13.3	81.5	206.3	12	12	9	12	12	12	6	12	7	4	6	12	6	3
	45	81.5	15.0	81.5	208.0	12	12	9	12	12	12	6	12	7	4	6	12	6	3
	50	81.5	16.7	81.5	209.7	12	12	9	12	12	12	6	12	7	4	6	12	6	3
	55	81.5	18.3	81.5	211.4	12	12	9	12	12	12	6	12	7	4	6	12	6	3
	60	81.5	20.0	81.5	213.1	12	12	9	12	12	12	6	12	7	4	6	12	6	3
	65	81.5	21.7	81.5	214.8	12	12	9	12	12	12	6	12	7	4	6	12	6	3
	66.7	81.5	22.2	81.5	215.4	12	12	9	12	12	12	6	12	7	4	6	12	6	3
	70	81.5	23.3	81.5	216.5	12	12	9	12	12	12	6	12	7	4	6	12	5	3
	75	81.5	25.0	81.5	218.2	12	12	9	12	12	12	6	12	7	4	6	11	5	3
	80	81.5	26.7	81.5	219.9	12	12	9	12	12	12	6	12	7	4	6	11	5	3
	85	81.5	28.3	81.5	221.6	12	12	9	12	12	12	6	12	6	4	6	11	5	3
	90	81.5	30.0	81.5	223.3	12	12	9	12	12	12	6	12	6	3	6	11	5	3
	95	81.5	31.7	81.5	225.4	12	12	9	12	12	12	6	12	6	3	5	11	5	-
	100	81.5	33.3	81.5	227.7	12	12	9	12	12	12	6	12	6	3	5	11	5	-
	105	81.5	35.0	81.5	229.9	12	12	9	12	12	12	6	12	6	3	5	11	5	-
	110	81.5	36.7	81.5	232.1	12	12	9	12	12	12	6	12	6	3	5	11	5	-
	115	81.5	38.3	81.5	234.4	12	12	9	12	12	12	6	12	6	3	5	10	5	-
	120	81.5	40.0	81.5	236.6	12	12	9	12	12	12	6	12	6	3	5	10	5	-
	125	81.5	41.7	81.5	238.9	12	12	9	12	12	12	6	12	6	3	5	10	5	-
	130	81.5	43.3	81.5	241.1	12	12	9	12	12	12	6	12	6	3	5	10	5	-
	135	81.5	45.0	81.5	243.4	12	12	9	12	12	12	6	12	6	3	5	10	5	-
	140	81.5	46.7	81.5	245.6	12	12	9	12	12	12	6	12	5	3	5	10	4	-
	145	81.5	48.3	81.5	247.9	12	12	9	12	12	12	6	12	5	3	5	10	4	-
	150	81.5	50.0	81.5	250.1	12	12	9	12	12	12	6	12	5	3	5	10	4	-
	155	81.5	51.7	81.5	252.4	12	12	9	12	12	12	6	12	5	3	5	10	4	-
	160	81.5	53.3	81.5	254.6	12	12	9	12	12	12	6	12	5	3	5	9	4	-
	165	81.5	55.0	81.5	256.9	12	12	9	12	12	12	6	12	5	3	5	9	4	-
	170	81.5	56.7	81.5	259.1	12	12	9	12	12	12	6	12	5	3	4	9	4	-
	175	81.5	58.3	81.5	261.3	12	12	9	12	12	12	6	12	5	3	4	9	4	-
108	35	88.1	13.1	88.1	221.7	12	12	8	12	12	12	6	12	7	3	6	11	5	3
	40	88.1	15.0	88.1	223.6	12	12	8	12	12	12	6	12	6	3	6	11	5	3
	45	88.1	16.9	88.1	225.6	12	12	8	12	12	12	6	12	6	3	6	11	5	-
	50	88.1	18.8	88.1	227.5	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	55	88.1	20.6	88.1	229.4	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	60	88.1	22.5	88.1	231.3	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	65	88.1	24.4	88.1	233.2	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	66.7	88.1	25.0	88.1	233.9	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	70	88.1	26.3	88.1	235.1	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	75	88.1	28.1	88.1	237.1	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	80	88.1	30.0	88.1	239.0	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	85	88.1	31.9	88.1	240.9	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	90	88.1	33.8	88.1	243.1	12	12	8	12	12	12	6	12	5	3	5	10	4	-
	95	88.1	35.6	88.1	245.6	12	12	8	12	12	12	6	12	5	3	5	9	4	-
	100	88.1	37.5	88.1	248.1	12	12	8	12	12	12	6	12	5	3	5	9	4	-
	105	88.1	39.4	88.1	250.7	12	12	8	12	12	12	6	12	5	3	5	9	4	-
	110	88.1	41.3	88.1	253.2	12	12	8	12	12	12	6	12	5	3	4	9	4	-
	115	88.1	43.1	88.1	255.7	12	12	8	12	12	12	6	12	5	3	4	9	4	-
	120	88.1	45.0	88.1	258.2	12	12	8	12	12	12	6	12	5	3	4	9	4	-
	125	88.1	46.9	88.1	260.8	12	12	8	12	12	12	6	12	5	3	4	9	4	-
	130	88.1	48.8	88.1	263.3	12	12	8	12	12	12	6	12	5	3	4	9	4	-
	135	88.1	50.6	88.1	265.8	12	12	8	12	12	12	6	12	5	3	4	9	4	-
	140	88.1	52.5	88.1	268.4	12	12	8	12	12	12	6	12	5	3	4	9	4	-
	145	88.1	54.4	88.1	270.9	12	12	8	12	12	12	6	12	5	3	4	8	4	-
	150	88.1	56.3	88.1	273.4	12	12	8	12	12	12	6	12	5	3	4	8	4	-
	155	88.1	58.1	88.1	275.9	12	12	8	12	12	12	6	12	4	3	4	8	4	-
	160	88.1	60.0	88.1	278.5	12	12	8	12	12	12	6	12	4	-	4	8	4	-
	165	88.1	61.9	88.1	281.0	12	12	8	12	12	12	6	12	4	-	4	8	4	-

TYPICAL HORIZONTAL SECTIONS
BUILD OUT



A/8 **HORIZONTAL SECTION**

MOUNT TYPE 2
BUILD-OUT 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 SCHEDULE:

Anchor	DESCRIPTION	MATERIAL	EDGE DISTANCE	EMBEDMENT
A	3/8" DEWALT/POWERS WEDGE BOLT	MIN. 3000 PSI CONCRETE	3 3/4"	3 1/2"
A1*	3/8" HILTI KWIK BOLT TZ2 SS304/SS316 WEDGE BOLT	MIN. 3000 PSI CONCRETE	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 ≥ 1500 PSI	2"	2 1/2"
C1*	3/8" HILTI KWIK BOLT TZ2 SS304/SS316 WEDGE BOLT	GROUT FILLED C-90 BLOCK f'm ≥ 1500 PSI	4"	3"
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
		A36 3/16" STEEL	3/8"	
E1*	5/16" SS304/SS305/SS316/SS410 SELF-DRILLING SCREW	MIN. 1/4" 6063-T6 ALUM.	1/2"	3 THREADS PENETRATION
		A36 3/16" STEEL	3/8"	
F	5/16" DEWALT/ELCO ULTRACON	MIN. SG = 0.55 WOOD	1 1/2"	2"
F1*	3/8" SS LAG SCREW	MIN. SG = 0.55 WOOD	1 1/2"	2"
G	1/4" ITW TAPCON	MIN. 3000 PSI CONCRETE	2 1/2"	1 3/4"

*** SEE STAINLESS STEEL ANCHOR NOTES ON SHEET 7.1.**

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) HORIZONTAL SECTIONS & ANCHOR SCHEDULE*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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 MUST PREPARE SITE SPECIFIC DOCUMENTS TO ADDRESS THE DEVIATION.



HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

SHEET: 8 | REV. E

9/10/2026 8:09 AM
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TABLE 3 - ANCHOR SPACING						ANCHOR TYPE & SPACING WALL - MOUNT 1							ANCHOR TYPE & SPACING 2X3, 2X4, 4X4 OR 6X6 BO - MOUNT 2						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G	A	B	C	D	E	F	G
120	35	93.2	14.6	93.2	235.4	12	12	7	12	12	12	6	12	6	3	5	10	5	-
	40	93.2	16.7	93.2	237.5	12	12	7	12	12	12	6	12	6	3	5	10	5	-
	45	93.2	18.8	93.2	239.7	12	12	7	12	12	12	6	12	6	3	5	10	5	-
	50	93.2	20.8	93.2	241.8	12	12	7	12	12	12	6	12	6	3	5	9	4	-
	55	93.2	22.9	93.2	243.9	12	12	7	12	12	12	6	12	5	3	5	9	4	-
	60	93.2	25.0	93.2	246.0	12	12	7	12	12	12	6	12	5	3	5	9	4	-
	65	93.2	27.1	93.2	248.2	12	12	7	12	12	12	6	12	5	3	5	9	4	-
	66.7	93.2	27.8	93.2	248.9	12	12	7	12	12	12	6	12	5	3	5	9	4	-
	70	93.2	29.2	93.2	250.3	12	12	7	12	12	12	6	12	5	3	5	9	4	-
	75	93.2	31.3	93.2	252.4	12	12	7	12	12	12	6	12	5	3	4	9	4	-
	80	93.2	33.3	93.2	254.6	12	12	7	12	12	12	6	12	5	3	4	9	4	-
	85	93.2	35.4	93.2	256.9	12	12	7	12	12	12	6	12	5	3	4	9	4	-
	90	93.2	37.5	93.2	259.7	12	12	7	12	12	12	6	12	5	3	4	9	4	-
	95	93.2	39.6	93.2	262.5	12	12	7	12	12	12	6	12	5	3	4	8	4	-
	100	93.2	41.7	93.2	265.3	12	12	7	12	12	12	6	12	5	3	4	8	4	-
	105	93.2	43.8	93.2	268.1	12	12	7	12	12	12	6	12	5	3	4	8	4	-
	110	93.2	45.8	93.2	270.9	12	12	7	12	12	12	6	12	5	-	4	8	4	-
	115	93.2	47.9	93.2	273.7	12	12	7	12	12	12	6	12	4	-	4	8	4	-
	120	93.2	50.0	93.2	276.5	12	12	7	12	12	12	6	12	4	-	4	8	4	-
	125	93.2	52.1	93.2	279.3	12	12	7	12	12	12	6	12	4	-	4	8	4	-
	130	93.2	54.2	93.2	282.2	12	12	7	12	12	12	6	12	4	-	4	8	3	-
	135	93.2	56.3	93.2	285.0	12	12	7	12	12	12	6	12	4	-	4	8	3	-
	140	93.2	58.3	93.2	287.8	12	12	7	12	12	12	6	12	4	-	4	8	3	-
	145	93.2	60.4	93.2	290.6	12	12	7	12	12	12	6	12	4	-	4	8	3	-
	150	93.2	62.5	93.2	293.4	12	12	7	12	12	12	6	12	4	-	4	7	3	-
	155	93.2	64.6	93.2	296.2	12	12	7	12	12	12	6	12	4	-	3	7	3	-
132	35	96.9	16.0	96.9	245.5	12	12	7	12	12	12	6	12	5	3	5	9	4	-
	40	96.9	18.3	96.9	247.8	12	12	7	12	12	12	6	12	5	3	5	9	4	-
	45	96.9	20.6	96.9	250.2	12	12	7	12	12	12	6	12	5	3	5	9	4	-
	50	96.9	22.9	96.9	252.5	12	12	7	12	12	12	6	12	5	3	4	9	4	-
	55	96.9	25.2	96.9	254.9	12	12	7	12	12	12	6	12	5	3	4	9	4	-
	60	96.9	27.5	96.9	257.2	12	12	7	12	12	12	6	12	5	3	4	9	4	-
	65	96.9	29.8	96.9	259.5	12	12	7	12	12	12	6	12	5	3	4	8	4	-
	66.7	96.9	30.6	96.9	260.3	12	12	7	12	12	12	6	12	5	3	4	8	4	-
	70	96.9	32.1	96.9	261.9	12	12	7	12	12	12	6	12	5	3	4	8	4	-
	75	96.9	34.4	96.9	264.2	12	12	7	12	12	12	6	12	5	-	4	8	4	-
	80	96.9	36.7	96.9	266.7	12	12	7	12	12	12	6	12	5	-	4	8	4	-
	85	96.9	39.0	96.9	269.8	12	12	7	12	12	12	6	12	5	-	4	8	4	-
	90	96.9	41.3	96.9	272.9	12	12	7	12	12	12	6	12	4	-	4	8	4	-
	95	96.9	43.5	96.9	276.0	12	12	7	12	12	12	6	12	4	-	4	8	4	-
	100	96.9	45.8	96.9	279.1	12	12	7	12	12	12	6	12	4	-	4	8	3	-
	105	96.9	48.1	96.9	282.2	12	12	7	12	12	12	6	12	4	-	4	8	3	-
	110	96.9	50.4	96.9	285.3	12	12	7	12	12	12	6	12	4	-	4	8	3	-
	115	96.9	52.7	96.9	288.3	12	12	7	12	12	12	6	12	4	-	4	7	3	-
	120	96.9	55.0	96.9	291.4	12	12	7	12	12	12	6	12	4	-	4	7	3	-
	125	96.9	57.3	96.9	294.5	12	12	7	12	12	12	6	12	4	-	3	7	3	-
	130	96.9	59.6	96.9	297.6	12	12	7	12	12	12	6	12	4	-	3	7	3	-
	135	96.9	61.9	96.9	300.7	12	12	7	12	12	12	6	12	4	-	3	7	3	-
	140	96.9	64.2	96.9	303.8	12	12	7	12	12	12	6	12	4	-	3	7	3	-
144	35	99.0	17.5	99.0	251.9	12	12	6	12	12	12	6	12	5	3	4	9	4	-
	40	99.0	20.0	99.0	254.5	12	12	6	12	12	12	6	12	5	3	4	9	4	-
	45	99.0	22.5	99.0	257.0	12	12	6	12	12	12	6	12	5	3	4	8	4	-
	50	99.0	25.0	99.0	259.6	12	12	6	12	12	12	6	12	5	3	4	8	4	-
	55	99.0	27.5	99.0	262.2	12	12	6	12	12	12	6	12	5	3	4	8	4	-
	60	99.0	30.0	99.0	264.7	12	12	6	12	12	12	6	12	5	-	4	8	4	-
	65	99.0	32.5	99.0	267.3	12	12	6	12	12	12	6	12	5	-	4	8	4	-
	66.7	99.0	33.4	99.0	268.1	12	12	6	12	12	12	6	12	5	-	4	8	4	-
	70	99.0	35.0	99.0	269.8	12	12	6	12	12	12	6	12	5	-	4	8	4	-
	75	99.0	37.5	99.0	272.6	12	12	6	12	12	12	6	12	4	-	4	8	4	-
	80	99.0	40.0	99.0	275.9	12	12	6	12	12	12	6	12	4	-	4	8	4	-
	85	99.0	42.5	99.0	279.3	12	12	6	12	12	12	6	12	4	-	4	8	3	-
	90	99.0	45.0	99.0	282.7	12	12	6	12	12	12	6	12	4	-	4	7	3	-
	95	99.0	47.5	99.0	286.0	12	12	6	12	12	12	6	12	4	-	4	7	3	-
	100	99.0	50.0	99.0	289.4	12	12	6	12	12	12	6	12	4	-	4	7	3	-
	105	99.0	52.5	99.0	292.8	12	12	6	12	12	12	6	12	4	-	3	7	3	-
	110	99.0	55.0	99.0	296.1	12	12	6	12	12	12	6	12	4	-	3	7	3	-
	115	99.0	57.5	99.0	299.5	12	12	6	12	12	12	6	12	4	-	3	7	3	-
	120	99.0	60.0	99.0	302.9	12	12	6	12	12	12	6	12	4	-	3	7	3	-
	125	99.0	62.5	99.0	306.2	12	12	6	12	12	12	6	12	4	-	3	7	3	-
	130	99.0	65.0	99.0	309.6	12	12	6	12	12	12	6	12	4	-	3	7	3	-

TABLE 3 - ANCHOR SPACING						ANCHOR TYPE & SPACING WALL - MOUNT 1							ANCHOR TYPE & SPACING 2X3, 2X4, 4X4 OR 6X6 BO - MOUNT 2						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G	A	B	C	D	E	F	G
168	35	98.5	20.4	98.5	253.7	12	12	6	12	12	12	6	12	5	3	4	9	4	-
	40	98.5	23.3	98.5	256.7	12	12	6	12	12	12	6	12	5	3	4	9	4	-
	45	98.5	26.3	98.5	259.7	12	12	6	12	12	12	6	12	5	3	4	8	4	-
	50	98.5	29.2	98.5	262.7	12	12	6	12	12	12	6	12	5	-	4	8	4	-
	55	98.5	32.1	98.5	265.7	12	12	6	12	12	12	6	12	5	-	4	8	4	-
	60	98.5	35.0	98.5	268.6	12	12	6	12	12	12	6	12	5	-	4	8	4	-
	65	98.5	37.9	98.5	272.0	12	12	6	12	12	12	6	12	4	-	4	8	4	-
	66.7	98.5	38.9	98.5	273.3	12	12	6	12	12	12	6	12	4	-	4	8	4	-
	70	98.5	40.8	98.5	275.9	12	12	6	12	12	12	6	12	4	-	4	8	4	-
	75	98.5	43.8	98.5	279.9	12	12	6	12	12	12	6	12	4	-	4	8	3	-
	80	98.5	46.7	98.5	283.8	12	12	6	12	12	12	6	12	4	-	4	7	3	-
	85	98.5	49.6	98.5	287.7	12	12	6	12	12	12	6	12	4	-	4	7	3	-
	90	98.5	52.5	98.5	291.7	12	12	6	12	12	12	6	12	4	-	3	7	3	-
	95	98.5	55.4	98.5	295.6	12	12	6	12	12	12	6	12	4	-	3	7	3	-
	100	98.5	58.3	98.5	299.5	12	12	6	12	12	12	6	12	4	-	3	7	3	-
	105	98.5	61.3	98.5	303.4	12	12	6	12	12	12	6	12	4	-	3	7	3	-
	110	98.5	64.2	98.5	307.4	12	12	6	12	12	12	6	12	4	-	3	7	3	-
192	35	91.6	20.4	91.6	186.8	12	12	7	12	12	12	6	12	9	5	8	12	7	4
	40	91.6	23.3	91.6	189.8	12	12	7	12	12	12	6	12	9	5	7	12	7	3
	45	91.6	26.3	91.6	192.8	12	12	7	12	12	12	6	12	8	5	7	12	7	3
	50	91.6	29.2	91.6	196.7	12	12	7	12	12	12	6	12	8	4	7	12	7	3
	55	91.6	32.1	91.6	200.6	12	12	7	12	12	12	6	12	8	4	7	12	6	3
	60	91.6	35.0	91.6	204.6	12	12	7	12	12	12	6	12	8	4	7	12	6	3
	65	91.6	37.9	91.6	208.5	12	12	7	12	12	12	6	12	7	4	6	12	6	3
	66.7	91.6	38.9	91.6	209.8	12	12	7	12	12	12	6	12	7	4	6	12	6	3
	70	91.6	40.8	91.6	212.4	12	12	7	12	12	12	6	12	7	4	6	12	6	3
	75	91.6	43.8	91.6	216.4	12	12	7	12	12	12	6	12	7	4	6	12	6	3
	80	91.6	46.7	91.6	220.3	12	12	7	12	12	12	6	12	7	4	6	12	6	3
	85	91.6	49.6	91.6	224.2	12	12	7	12	12	12	6	12	7	4	6	12	5	3
216	35	78.4	26.3	78.4	212.3	12	12	10	12	12	12	6	12	7	4	6	12	6	3
	40	78.4	30.0	78.4	216.3	12	12	10	12	12	12	6	12	7	4	6	12	5	3
	45	78.4	33.8	78.4	221.4	12	12	10	12	12	12	6	12	6	4	6	11	5	3
	50	78.4	37.5	78.4	226.4	12	12	10	12	12	12	6	12	6	3	6	11	5	3
	55	78.4	41.3	78.4	231.5	12	12	10	12	12	12	6	12	6	3	5	11	5	-
	60	78.4	45.0	78.4	236.6	12	12	10	12	12	12	6	12	6	3	5	11	5	-
	65	78.4	48.8	78.4	241.6	12	12	9	12	12	12	6	12	6	3	5	10	5	-
	66.7	78.4	50.0	78.4	243.3	12	12	9	12	12	12	6	12	6	3	5	10	5	-
240	35	83.2	29.2	83.2	226.6	12	12	9	12	12	12	6	12	6	3	5	11	5	-
	40	83.2	33.3	83.2	231.6	12	12	9	12	12	12	6	12	6	3	5	10	5	-
	45	83.2	37.5	83.2	237.2	12	12	9	12	12	12	6	12	6	3	5	10	5	-
	50	83.2	41.7	83.2	242.8	12	12	9	12	12	12	6	12	6	3	5	10	5	-
	55	83.2	45.8	83.2	248.4	12	12	9	12	12	12	6	12	5	3	5	10	4	-
	60	83.2	50.0	83.2	254.1	12	12	9	12	12	12	6	12	5	3	5	9	4	-
264	35	85.9	32.1	85.9	236.0	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	40	85.9	36.7	85.9	242.2	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	45	85.9	41.3	85.9	248.3	12	12	8	12	12	12	6	12	5	3	5	9	4	-
	50	85.9	45.8	85.9	254.5	12	12	8	12	12	12	6	12	5	3	5	9	4	-
300	35	85.7	36.5	85.7	241.4	12	12	8	12	12	12	6	12	6	3	5	10	5	-
	40	85.7	41.7	85.7	248.5	12	12	8	12	12	12	6	12	5	3	5	9	4	-
	45	85.7	46.9	85.7	255.5	12	12	8	12	12	12	6	12	5	3	4	9	4	-
320	35	83.3	38.9	83.3	239.2	12	12	9	12	12	12	6	12	6	3	5	10	5	-
	40	83.3	44.4	83.3	246.7	12	12	9	12	12	12	6	12	5	3	5	10	4	-
360	35	88.4	43.8	88.4	209.1	12	12	8	12	12	12	6	12	7	4	6	12	6	3

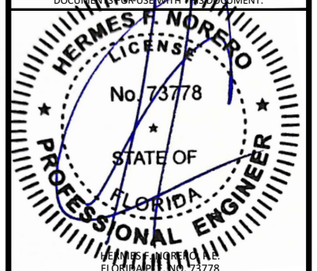
PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) WALL MOUNT & BUILD OUT ANCHOR SPACING*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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.



HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

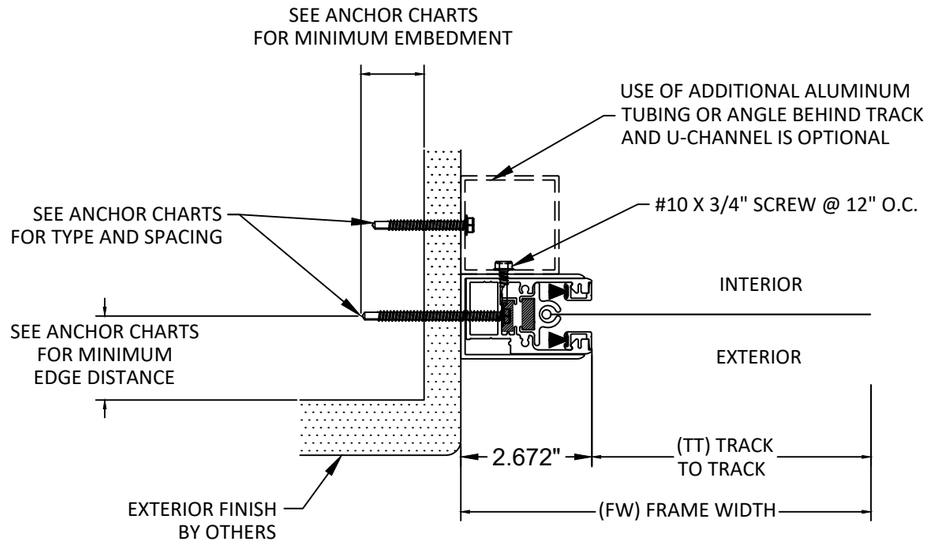
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SCALE: NTS

DWG. #: PRG003

SHEET: 9 OF 34 | REV. E

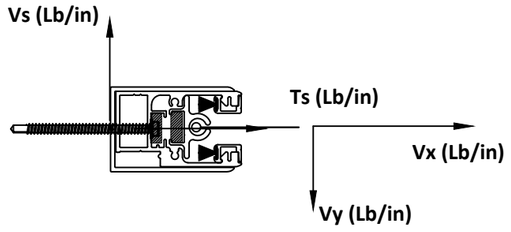
TYPICAL HORIZONTAL SECTIONS
INSET MOUNT



A/10 HORIZONTAL SECTION

MOUNT TYPE 3
INSET MOUNT
*WITH END RETENTION

SEE SHEETS 11 & 12 FOR ANCHOR SPACING TABLES



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.
NOTE: Ts AND Vs VALUES ARE TOTAL LOAD APPLIED BY BOTH SCREWS.

ANCHOR SCHEDULE:

Anchor	DESCRIPTION	MATERIAL	EDGE DISTANCE	EMBEDMENT
A	3/8" DEWALT/POWERS WEDGE BOLT	MIN. 3000 PSI CONCRETE	3 3/4"	3 1/2"
A1*	3/8" HILTI KWIK BOLT TZ2 SS304/SS316 WEDGE BOLT	MIN. 3000 PSI CONCRETE	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 ≥ 1500 PSI	2"	2 1/2"
C1*	3/8" HILTI KWIK BOLT TZ2 SS304/SS316 WEDGE BOLT	GROUT FILLED C-90 BLOCK f'm ≥ 1500 PSI	4"	3"
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
		A36 3/16" STEEL	3/8"	
E1*	5/16" SS304/SS305/SS316/SS410 SELF-DRILLING SCREW	MIN. 1/4" 6063-T6 ALUM.	1/2"	3 THREADS PENETRATION
		A36 3/16" STEEL	3/8"	
F	5/16" DEWALT/ELCO ULTRACON	MIN. SG = 0.55 WOOD	1 1/2"	2"
F1*	3/8" SS LAG SCREW	MIN. SG = 0.55 WOOD	1 1/2"	2"
G	1/4" ITW TAPCON	MIN. 3000 PSI CONCRETE	2 1/2"	1 3/4"

*** SEE STAINLESS STEEL ANCHOR NOTES ON SHEET 7.1.**

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT)*
TYP. HORIZONTAL SECTION - INSET MOUNT

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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.

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

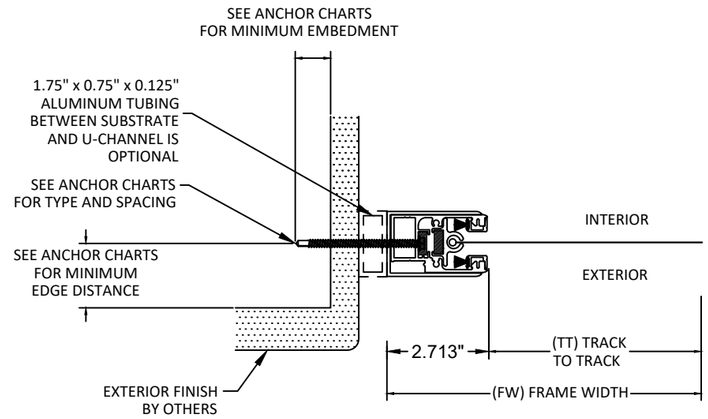
HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798
DATE: 10.15.19
DWG. BY: SM/AR
CHK. BY: HFN
SCALE: NTS
DWG. #: PRG003
SHEET: 10 OF 34
REV. E

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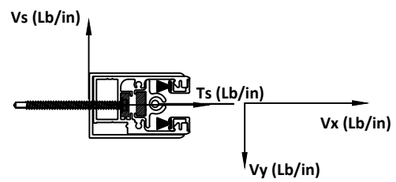
TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING U CHANNEL INSET - MOUNT 3						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G
72	35	63.99	8.75	8.75	90.50	12	12	12	12	12	12	6
	40	63.99	10.00	10.00	94.45	12	12	12	12	12	12	6
	45	63.99	11.25	11.25	98.40	12	12	12	12	12	12	6
	50	63.99	12.50	12.50	102.35	12	12	12	12	12	12	6
	55	63.99	13.75	13.75	106.30	12	12	12	12	12	12	6
	60	63.99	15.00	15.00	110.25	12	12	12	12	12	12	6
	65	63.99	16.25	16.25	114.20	12	12	12	12	12	12	6
	66.7	63.99	16.68	16.68	115.54	12	12	12	12	12	12	6
	70	63.99	17.50	17.50	118.15	12	12	12	12	12	12	6
	75	63.99	18.75	18.75	122.10	12	12	12	12	12	12	6
	80	63.99	20.00	20.00	126.05	12	12	12	12	12	12	6
	85	63.99	21.25	21.25	130.00	12	12	12	12	12	12	6
	90	63.99	22.50	22.50	133.95	12	12	12	12	12	12	6
	95	63.99	23.75	23.75	137.90	12	12	11	12	12	12	6
	100	63.99	25.00	25.00	141.85	12	12	11	12	12	12	6
	105	63.99	26.25	26.25	145.80	12	12	10	12	12	12	6
	110	63.99	27.50	27.50	149.75	12	12	10	12	12	12	6
	115	63.99	28.75	28.75	153.70	12	12	9	12	12	12	6
	120	63.99	30.00	30.00	157.65	12	12	9	12	12	11	6
	125	63.99	31.25	31.25	161.60	12	12	8	11	12	11	6
	130	63.99	32.50	32.50	165.55	12	12	8	11	12	10	5
	135	63.99	33.75	33.75	169.50	12	11	8	11	12	10	5
	140	63.99	35.00	35.00	173.45	12	11	7	10	12	9	5
	145	63.99	36.25	36.25	177.39	12	11	7	10	12	9	5
	150	63.99	37.50	37.50	181.34	12	10	7	9	12	9	4
	155	63.99	38.75	38.75	185.29	12	10	6	9	12	8	4
	160	63.99	40.00	40.00	189.24	12	9	6	9	12	8	4
	165	63.99	41.25	41.25	193.19	12	9	6	8	12	8	4
	170	63.99	42.50	42.50	197.14	12	9	6	8	12	7	4
	175	63.99	43.75	43.75	201.09	12	8	5	8	12	7	4
	180	63.99	45.00	45.00	205.04	12	8	5	7	12	7	4
	185	63.99	46.25	46.25	208.99	12	8	5	7	12	7	3
	190	63.99	47.50	47.50	212.94	12	8	5	7	12	6	3
	195	63.99	48.75	48.75	216.89	12	7	5	7	12	6	3
	200	63.99	50.00	50.00	220.84	12	7	5	6	12	6	3
84	35	73.40	10.21	10.21	104.35	12	12	12	12	12	12	6
	40	73.40	11.67	11.67	108.96	12	12	12	12	12	12	6
	45	73.40	13.13	13.13	113.57	12	12	12	12	12	12	6
	50	73.40	14.58	14.58	118.18	12	12	12	12	12	12	6
	55	73.40	16.04	16.04	122.78	12	12	12	12	12	12	6
	60	73.40	17.50	17.50	127.39	12	12	12	12	12	12	6
	65	73.40	18.96	18.96	132.00	12	12	12	12	12	12	6
	66.7	73.40	19.45	19.45	133.57	12	12	12	12	12	12	6
	70	73.40	20.42	20.42	136.61	12	12	12	12	12	12	6
	75	73.40	21.88	21.88	141.22	12	12	11	12	12	12	6
	80	73.40	23.33	23.33	145.82	12	12	11	12	12	12	6
	85	73.40	24.79	24.79	150.43	12	12	10	12	12	12	6
	90	73.40	26.25	26.25	155.04	12	12	9	12	12	12	6
	95	73.40	27.71	27.71	159.65	12	12	9	12	12	11	6
	100	73.40	29.17	29.17	164.26	12	12	8	11	12	11	6
	105	73.40	30.63	30.63	168.86	12	12	8	11	12	10	5
	110	73.40	32.08	32.08	173.47	12	11	8	10	12	10	5
	115	73.40	33.54	33.54	178.08	12	11	7	10	12	9	5
	120	73.40	35.00	35.00	182.69	12	10	7	9	12	9	4
	125	73.40	36.46	36.46	187.30	12	10	6	9	12	8	4
	130	73.40	37.92	37.92	191.90	12	9	6	8	12	8	4
	135	73.40	39.38	39.38	196.51	12	9	6	8	12	8	4
	140	73.40	40.83	40.83	201.12	12	8	6	8	12	7	4
	145	73.40	42.29	42.29	205.73	12	8	5	7	12	7	4
	150	73.40	43.75	43.75	210.34	12	8	5	7	12	7	3
	155	73.40	45.21	45.21	214.94	12	8	5	7	12	6	3
	160	73.40	46.67	46.67	219.55	12	7	5	7	12	6	3
	165	73.40	48.13	48.13	224.16	12	7	5	6	12	6	3
	170	73.40	49.58	49.58	228.77	12	7	4	6	12	6	3
	175	73.40	51.04	51.04	233.38	12	6	4	6	12	5	3
	180	73.40	52.50	52.50	237.98	12	6	4	6	12	5	3
	185	73.40	53.96	53.96	242.59	12	6	4	5	12	5	3

TYPICAL HORIZONTAL SECTIONS INSET MOUNT



A/11 **HORIZONTAL SECTION**

MOUNT TYPE 3
INSET 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.
NOTE: Ts AND Vs VALUES ARE TOTAL LOAD APPLIED BY BOTH SCREWS.

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) HORIZONTAL SECTION / ANCHOR SCHEDULE - INSET MOUNT*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
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2026 FBC UPDATE	LS	2/26/26

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HERMES F. NORIEGA
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORIEGA, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

SHEET: 11 OF 34 | REV. E

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TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING U CHANNEL INSET - MOUNT 3						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G
96	35	81.46	11.67	11.67	116.87	12	12	12	12	12	12	6
	40	81.46	13.33	13.33	122.14	12	12	12	12	12	12	6
	45	81.46	15.00	15.00	127.41	12	12	12	12	12	12	6
	50	81.46	16.67	16.67	132.67	12	12	12	12	12	12	6
	55	81.46	18.33	18.33	137.94	12	12	12	12	12	12	6
	60	81.46	20.00	20.00	143.20	12	12	11	12	12	12	6
	65	81.46	21.67	21.67	148.47	12	12	10	12	12	12	6
	66.7	81.46	22.23	22.23	150.26	12	12	10	12	12	12	6
	70	81.46	23.33	23.33	153.74	12	12	10	12	12	12	6
	75	81.46	25.00	25.00	159.00	12	12	9	12	12	11	6
	80	81.46	26.67	26.67	164.27	12	12	9	11	12	11	6
	85	81.46	28.33	28.33	169.54	12	12	8	11	12	10	5
	90	81.46	30.00	30.00	174.80	12	11	8	10	12	10	5
	95	81.46	31.67	31.67	180.07	12	10	7	10	12	9	5
	100	81.46	33.33	33.33	185.34	12	10	7	9	12	9	4
	105	81.46	35.00	35.00	190.60	12	9	6	9	12	8	4
	110	81.46	36.67	36.67	195.87	12	9	6	8	12	8	4
	115	81.46	38.33	38.33	201.13	12	9	6	8	12	7	4
	120	81.46	40.00	40.00	206.40	12	8	5	7	12	7	4
	125	81.46	41.67	41.67	211.67	12	8	5	7	12	7	3
	130	81.46	43.33	43.33	216.93	12	7	5	7	12	6	3
	135	81.46	45.00	45.00	222.20	12	7	5	6	12	6	3
	140	81.46	46.67	46.67	227.47	12	7	4	6	12	6	3
	145	81.46	48.33	48.33	232.73	12	7	4	6	12	6	3
	150	81.46	50.00	50.00	238.00	12	6	4	6	12	5	3
	155	81.46	51.67	51.67	243.26	12	6	4	5	12	5	3
	160	81.46	53.33	53.33	248.53	12	6	4	5	12	5	2
	165	81.46	55.00	55.00	253.80	12	6	4	5	11	5	2
	170	81.46	56.67	56.67	259.06	12	5	3	5	11	5	2
	175	81.46	58.33	58.33	264.33	12	5	3	5	10	4	2
108	35	88.08	13.13	13.13	127.99	12	12	12	12	12	12	6
	40	88.08	15.00	15.00	133.92	12	12	12	12	12	12	6
	45	88.08	16.88	16.88	139.84	12	12	12	12	12	12	6
	50	88.08	18.75	18.75	145.77	12	12	11	12	12	12	6
	55	88.08	20.63	20.63	151.69	12	12	10	12	12	12	6
	60	88.08	22.50	22.50	157.62	12	12	9	12	12	12	6
	65	88.08	24.38	24.38	163.54	12	12	9	12	12	11	6
	66.7	88.08	25.01	25.01	165.55	12	12	9	11	12	11	6
	70	88.08	26.25	26.25	169.46	12	12	8	11	12	10	5
	75	88.08	28.13	28.13	175.39	12	11	8	10	12	10	5
	80	88.08	30.00	30.00	181.31	12	10	7	10	12	9	5
	85	88.08	31.88	31.88	187.24	12	10	7	9	12	8	4
	90	88.08	33.75	33.75	193.16	12	9	6	9	12	8	4
	95	88.08	35.63	35.63	199.09	12	9	6	8	12	8	4
	100	88.08	37.50	37.50	205.01	12	8	6	8	12	7	4
	105	88.08	39.38	39.38	210.94	12	8	5	7	12	7	3
	110	88.08	41.25	41.25	216.86	12	7	5	7	12	6	3
	115	88.08	43.13	43.13	222.79	12	7	5	7	12	6	3
	120	88.08	45.00	45.00	228.71	12	7	4	6	12	6	3
	125	88.08	46.88	46.88	234.63	12	6	4	6	12	6	3
	130	88.08	48.75	48.75	240.56	12	6	4	6	12	5	3
	135	88.08	50.63	50.63	246.48	12	6	4	5	12	5	2
	140	88.08	52.50	52.50	252.41	12	6	4	5	12	5	2
	145	88.08	54.38	54.38	258.33	12	5	3	5	11	5	2
	150	88.08	56.25	56.25	264.26	12	5	3	5	11	4	2
	155	88.08	58.13	58.13	270.18	12	5	3	5	10	4	2
	160	88.08	60.00	60.00	276.11	12	5	3	4	10	4	2
	165	88.08	61.88	61.88	282.03	12	5	3	4	9	4	2

TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING U CHANNEL INSET - MOUNT 3						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G
120	35	93.24	14.58	14.58	137.66	12	12	12	12	12	12	6
	40	93.24	16.67	16.67	144.24	12	12	11	12	12	12	6
	45	93.24	18.75	18.75	150.83	12	12	10	12	12	12	6
	50	93.24	20.83	20.83	157.41	12	12	10	12	12	12	6
	55	93.24	22.92	22.92	163.99	12	12	9	12	12	11	6
	60	93.24	25.00	25.00	170.57	12	12	8	11	12	10	5
	65	93.24	27.08	27.08	177.16	12	11	8	10	12	9	5
	66.7	93.24	27.79	27.79	179.40	12	11	7	10	12	9	5
	70	93.24	29.17	29.17	183.74	12	10	7	9	12	9	5
	75	93.24	31.25	31.25	190.32	12	10	7	9	12	8	4
	80	93.24	33.33	33.33	196.91	12	9	6	8	12	8	4
	85	93.24	35.42	35.42	203.49	12	8	6	8	12	7	4
	90	93.24	37.50	37.50	210.07	12	8	5	7	12	7	3
	95	93.24	39.58	39.58	216.65	12	8	5	7	12	6	3
	100	93.24	41.67	41.67	223.24	12	7	5	7	12	6	3
	105	93.24	43.75	43.75	229.82	12	7	4	6	12	6	3
	110	93.24	45.83	45.83	236.40	12	6	4	6	12	5	3
	115	93.24	47.92	47.92	242.99	12	6	4	6	12	5	3
	120	93.24	50.00	50.00	249.57	12	6	4	5	12	5	2
	125	93.24	52.08	52.08	256.15	12	6	4	5	11	5	2
	130	93.24	54.17	54.17	262.73	12	5	3	5	11	4	2
	135	93.24	56.25	56.25	269.32	12	5	3	5	10	4	2
	140	93.24	58.33	58.33	275.90	12	5	3	4	10	4	2
	145	93.24	60.42	60.42	282.48	12	5	3	4	9	4	2
132	35	96.87	16.04	16.04	145.84	12	12	11	12	12	12	6
	40	96.87	18.33	18.33	153.08	12	12	10	12	12	12	6
	45	96.87	20.63	20.63	160.32	12	12	9	12	12	11	6
	50	96.87	22.92	22.92	167.56	12	12	9	11	12	11	6
	55	96.87	25.21	25.21	174.80	12	11	8	10	12	10	5
	60	96.87	27.50	27.50	182.05	12	10	7	10	12	9	5
	65	96.87	29.79	29.79	189.29	12	10	7	9	12	8	4
	66.7	96.87	30.57	30.57	191.75	12	9	7	9	12	8	4
	70	96.87	32.08	32.08	196.53	12	9	6	8	12	8	4
	75	96.87	34.38	34.38	203.77	12	8	6	8	12	7	4
	80	96.87	36.67	36.67	211.01	12	8	5	7	12	7	3
	85	96.87	38.96	38.96	218.25	12	7	5	7	12	6	3
	90	96.87	41.25	41.25	225.49	12	7	5	6	12	6	3
	95	96.87	43.54	43.54	232.73	12	7	4	6	12	6	3
	100	96.87	45.83	45.83	239.97	12	6	4	6	12	5	3
	105	96.87	48.13	48.13	247.22	12	6	4	5	12	5	3
	110	96.87	50.42	50.42	254.46	12	6	4	5	12	5	2
	115	96.87	52.71	52.71	261.70	12	5	3	5	11	5	2
	120	96.87	55.00	55.00	268.94	12	5	3	5	10	4	2
	125	96.87	57.29	57.29	276.18	12	5	3	4	10	4	2
	130	96.87	59.58	59.58	283.42	12	5	3	4	9	4	2
	135	96.87	61.88	61.88	290.66	12	4	3	4	9	4	2
	140	96.87	64.17	64.17	297.90	12	4	3	4	9	3	2
144	35	98.97	17.50	17.50	152.51	12	12	10	12	12	12	6
	40	98.97	20.00	20.00	160.41	12	12	9	12	12	11	6
	45	98.97	22.50	22.50	168.31	12	12	9	11	12	10	5
	50	98.97	25.00	25.00	176.21	12	11	8	10	12	10	5
	55	98.97	27.50	27.50	184.10	12	10	7	9	12	9	5
	60	98.97	30.00	30.00	192.00	12	9	7	9	12	8	4
	65	98.97	32.50	32.50	199.90	12	9	6	8	12	8	4
	66.7	98.97	33.35	33.35	202.59	12	9	6	8	12	7	4
	70	98.97	35.00	35.00	207.80	12	8	6	8	12	7	4
	75	98.97	37.50	37.50	215.70	12	8	5	7	12	7	3
	80	98.97	40.00	40.00	223.60	12	7	5	7	12	6	3
	85	98.97	42.50	42.50	231.50	12	7	4	6	12	6	3
	90	98.97	45.00	45.00	239.40	12	6	4	6	12	5	3
	95	98.97	47.50	47.50	247.30	12	6	4	5	12	5	3
	100	98.97	50.00	50.00	255.20	12	6	4	5	12	5	2
	105	98.97	52.50	52.50	263.10	12	5	3	5	11	4	2
	110	98.97	55.00	55.00	271.00	12	5	3	5	10	4	2
	115	98.97	57.50	57.50	278.90	12	5	3	4	10	4	2
	120	98.97	60.00	60.00	286.80	12	4	3	4	9	4	2
	125	98.97	62.50	62.50	294.70	12	4	3	4	9	4	2
	130	98.97	65.00	65.00	302.60	12	4	3	4	8	3	2

TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING U CHANNEL INSET - MOUNT 3						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G
168	35	98.47	20.42	20.42	161.23	12	12	9	12	12	11	6
	40	98.47	23.33	23.33	170.45	12	12	8	11	12	10	5
	45	98.47	26.25	26.25	179.67	12	11	7	10	12	9	5
	50	98.47	29.17	29.17	188.88	12	10	7	9	12	8	4
	55	98.47	32.08	32.08	198.10	12	9	6	8	12	8	4
	60	98.47	35.00	35.00	207.31	12	8	6	8	12	7	4
	65	98.47	37.92	37.92	216.53	12	8	5	7	12	7	3
	66.7	98.47	38.91	38.91	219.66	12	7	5	7	12	6	3
	70	98.47	40.83	40.83	225.75	12	7	5	6	12	6	3
	75	98.47	43.75	43.75	234.96	12	6	4	6	12	6	3
	80	98.47	46.67	46.67	244.18	12	6	4	6	12	5	3
	85	98.47	49.58	49.58	253.39	12	6	4	5	12	5	2
	90	98.47	52.50	52.50	262.61	12	5	3	5	11	4	2
	95	98.47	55.42	55.42	271.83	12	5	3	4	10	4	2
	100	98.47	58.33	58.33	281.04	12	5	3	4	10	4	2
	105	98.47	61.25	61.25	290.26	12	4	3	4	9	4	2
	110	98.47	64.17	64.17	299.47	12	4	3	4	9	3	2
192	35	0.00	23.33	23.33	73.73	12	12	12	12	12	12	6
	40	11.45	26.67	26.67	95.51	12	12	12	12	12	12	6
	45	20.36	30.00	30.00	114.80	12	12	12	12	12	12	6
	50	27.49	33.33	33.33	132.33	12	12	11	12	12	12	6
	55	33.32	36.67	36.67	148.59	12	12	9	12	12	12	6
	60	38.18	40.00	40.00	163.90	12	12	8	11	12	10	5
	65	42.30	43.33	43.33	178.47	12	10	7	9	12	9	4
	66.7	43.55	44.47	44.47	183.28	12	10	6	9	12	8	4
	70	45.82	46.67	46.67	192.46	12	9	6	8	12	8	4
	75	48.87	50.00	50.00	205.99	12	8	5	7	12	7	3
	80	51.55	53.33	53.33	219.15	12	7	4	6	12	6	3
	85	53.91	56.67	56.67	232.00	12	6	4	6	12	5	3
216	35	0.00	26.25	26.25	82.94	12	12	12	12	12	12	6
	40	9.80	30.00	30.00	104.42	12	12	12	12	12	12	6
	45	17.42	33.75	33.75	123.76	12	12	12	12	12	12	6
	50	23.52	37.50	37.50	141.60	12	12	9	12	12	12	6
	55	28.51	41.25	41.25	158.35	12	12	8	11	12	11	5
	60	32.67	45.00	45.00	174.28	12	11	7	10	12	9	5
	65	36.19	48.75	48.75	189.59	12	9	6	8	12	8	4
	66.7	37.27	50.03	50.03	194.67	12	9	5	8	12	7	4
240	35	0.00	29.17	29.17	92.16	12	12	12	12	12	12	6
	40	10.40	33.33	33.33	115.54	12	12	12	12	12	12	6
	45	18.49	37.50	37.50	136.66	12	12	10	12	12	12	6
	50	24.96	41.67	41.67	156.18	12	12	8	11	12	11	6
	55	30.26	45.83	45.83	174.55	12	11	7	9	12	9	5
	60	34.67	50.00	50.00	192.05	12	9	6	8	12	8	4
264	35	12.27	32.08	32.08	113.43	12	12	12	12	12	12	6
	40	21.48	36.67	36.67	136.96	12	12	10	12	12	12	6
	45	28.64	41.25	41.25	158.47	12	12	8	11	12	11	5
	50	34.37	45.83	45.83	178.58	12	10	6	9	12	9	4
300	35	9.48	32.08	32.08	110.69	12	12	12	12	12	12	6
	40	16.60	36.67	36.67	132.16	12	12	10	12	12	12	6
	45	22.13	41.25	41.25	152.08	12	12	8	12	12	11	6
320	35	8.10	32.08	32.08	109.33	12	12	12	12	12	12	6
	40	14.17	36.67	36.67	129.78	12	12	11	12	12	12	6
360	35	12.62	43.75	43.75	150.64	12	12	8	12	12	11	6

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

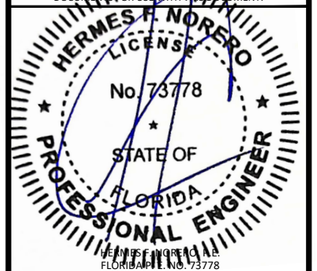
TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT)*

ANCHOR SCHEDULE - INSET MOUNT

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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.



HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

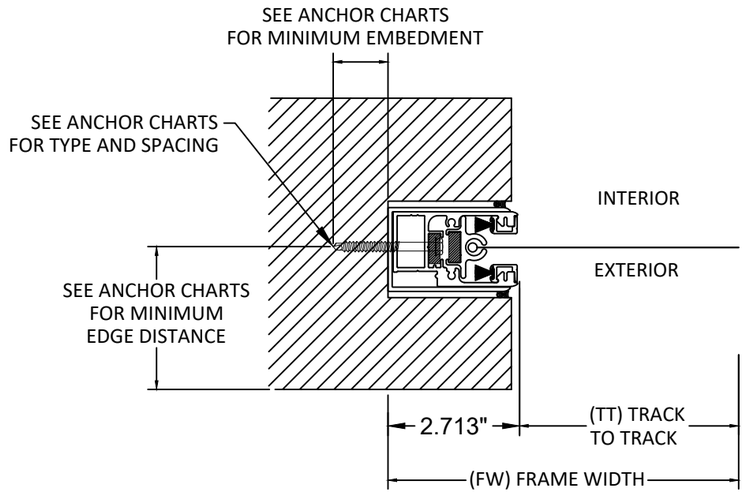
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SCALE: NTS

DWG. #: PRG003

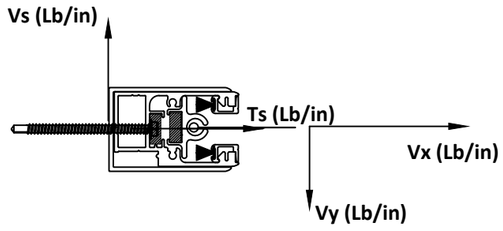
SHEET: 12 OF 34 | REV. E

TYPICAL HORIZONTAL SECTIONS
RECESSED MOUNT



A13 **HORIZONTAL SECTION**

MOUNT TYPE 4
RECESSED 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.

SEE SHEETS 14 & 15 FOR ANCHOR SPACING TABLES

ANCHOR SCHEDULE:

Anchor	DESCRIPTION	MATERIAL	EDGE DISTANCE	EMBEDMENT
A	3/8" DEWALT/POWERS WEDGE BOLT	MIN. 3000 PSI CONCRETE	3 3/4"	3 1/2"
A1*	3/8" HILTI KWIK BOLT TZ2 SS304/SS316 WEDGE BOLT	MIN. 3000 PSI CONCRETE	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 ≥ 1500 PSI	2"	2 1/2"
C1*	3/8" HILTI KWIK BOLT TZ2 SS304/SS316 WEDGE BOLT	GROUT FILLED C-90 BLOCK f'm ≥ 1500 PSI	4"	3"
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
		A36 3/16" STEEL	3/8"	
E1*	5/16" SS304/SS305/SS316/SS410 SELF-DRILLING SCREW	MIN. 1/4" 6063-T6 ALUM.	1/2"	3 THREADS PENETRATION
		A36 3/16" STEEL	3/8"	
F	5/16" DEWALT/ELCO ULTRACON	MIN. SG = 0.55 WOOD	1 1/2"	2"
F1*	3/8" SS LAG SCREW	MIN. SG = 0.55 WOOD	1 1/2"	2"
G	1/4" ITW TAPCON	MIN. 3000 PSI CONCRETE	2 1/2"	1 3/4"

*** SEE STAINLESS STEEL ANCHOR NOTES ON SHEET 7.1.**

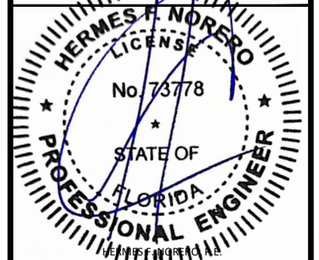
PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) HORIZONTAL SECTION / ANCHOR SCHEDULE - RECESSED MOUNT*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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 DOCUMENTATION SUBMITTED TO DOCUMENT.



HERMES F. NORTEO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

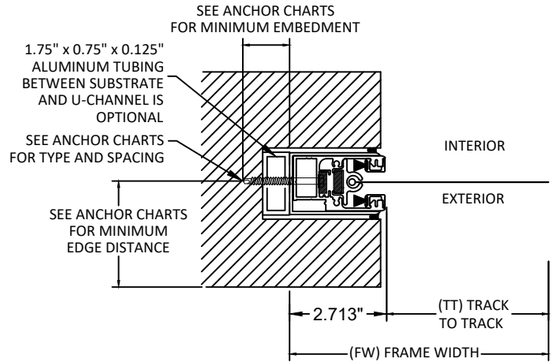
DWG. #: PRG003

SHEET: 13 OF 34 | REV. E

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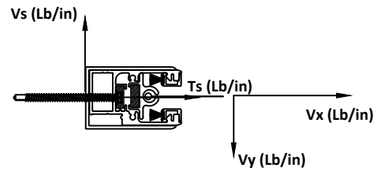
TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING RECESSED MOUNT - MOUNT 4						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G
72	35	0.00	8.75	8.75	22.28	12	12	12	12	12	12	6
	40	63.99	10.00	10.00	89.45	12	12	12	12	12	12	6
	45	63.99	11.25	11.25	92.64	12	12	12	12	12	12	6
	50	63.99	12.50	12.50	95.82	12	12	12	12	12	12	6
	55	63.99	13.75	13.75	99.00	12	12	12	12	12	12	6
	60	63.99	15.00	15.00	102.19	12	12	12	12	12	12	6
	65	63.99	16.25	16.25	105.37	12	12	12	12	12	12	6
	66.7	63.99	16.68	16.68	106.45	12	12	12	12	12	12	6
	70	63.99	17.50	17.50	108.55	12	12	12	12	12	12	6
	75	63.99	18.75	18.75	111.73	12	12	12	12	12	12	6
	80	63.99	20.00	20.00	114.92	12	12	12	12	12	12	6
	85	63.99	21.25	21.25	118.10	12	12	12	12	12	12	6
	90	63.99	22.50	22.50	121.28	12	12	12	12	12	12	6
	95	63.99	23.75	23.75	124.47	12	12	12	12	12	12	6
	100	63.99	25.00	25.00	127.65	12	12	12	12	12	12	6
	105	63.99	26.25	26.25	130.83	12	12	12	12	12	12	6
	110	63.99	27.50	27.50	134.02	12	12	11	12	12	12	6
	115	63.99	28.75	28.75	137.20	12	12	11	12	12	12	6
	120	63.99	30.00	30.00	140.38	12	12	10	12	12	12	6
	125	63.99	31.25	31.25	143.56	12	12	10	12	12	12	6
	130	63.99	32.50	32.50	146.75	12	12	10	12	12	12	6
	135	63.99	33.75	33.75	149.93	12	12	9	12	12	12	6
	140	63.99	35.00	35.00	153.11	12	12	9	12	12	11	6
	145	63.99	36.25	36.25	156.30	12	12	8	12	12	11	6
	150	63.99	37.50	37.50	159.48	12	12	8	11	12	11	6
	155	63.99	38.75	38.75	162.66	12	12	8	11	12	10	5
	160	63.99	40.00	40.00	165.85	12	12	7	11	12	10	5
	165	63.99	41.25	41.25	169.03	12	11	7	10	12	10	5
	170	63.99	42.50	42.50	172.21	12	11	7	10	12	9	5
	175	63.99	43.75	43.75	175.40	12	11	7	10	12	9	5
	180	63.99	45.00	45.00	178.58	12	10	6	9	12	9	4
	185	63.99	46.25	46.25	181.76	12	10	6	9	12	8	4
	190	63.99	47.50	47.50	184.94	12	10	6	9	12	8	4
	195	63.99	48.75	48.75	188.13	12	9	6	8	12	8	4
	200	63.99	50.00	50.00	191.31	12	9	6	8	12	8	4
84	35	73.40	10.21	10.21	99.39	12	12	12	12	12	12	6
	40	73.40	11.67	11.67	103.11	12	12	12	12	12	12	6
	45	73.40	13.13	13.13	106.82	12	12	12	12	12	12	6
	50	73.40	14.58	14.58	110.53	12	12	12	12	12	12	6
	55	73.40	16.04	16.04	114.25	12	12	12	12	12	12	6
	60	73.40	17.50	17.50	117.96	12	12	12	12	12	12	6
	65	73.40	18.96	18.96	121.67	12	12	12	12	12	12	6
	66.7	73.40	19.45	19.45	122.94	12	12	12	12	12	12	6
	70	73.40	20.42	20.42	125.39	12	12	12	12	12	12	6
	75	73.40	21.88	21.88	129.10	12	12	12	12	12	12	6
	80	73.40	23.33	23.33	132.82	12	12	12	12	12	12	6
	85	73.40	24.79	24.79	136.53	12	12	12	12	12	12	6
	90	73.40	26.25	26.25	140.24	12	12	11	12	12	12	6
	95	73.40	27.71	27.71	143.96	12	12	10	12	12	12	6
	100	73.40	29.17	29.17	147.67	12	12	10	12	12	12	6
	105	73.40	30.63	30.63	151.38	12	12	9	12	12	12	6
	110	73.40	32.08	32.08	155.10	12	12	9	12	12	11	6
	115	73.40	33.54	33.54	158.81	12	12	8	12	12	11	6
	120	73.40	35.00	35.00	162.52	12	12	8	11	12	10	5
	125	73.40	36.46	36.46	166.24	12	12	8	11	12	10	5
	130	73.40	37.92	37.92	169.95	12	11	7	10	12	10	5
	135	73.40	39.38	39.38	173.66	12	11	7	10	12	9	5
	140	73.40	40.83	40.83	177.38	12	10	7	9	12	9	5
	145	73.40	42.29	42.29	181.09	12	10	6	9	12	9	4
	150	73.40	43.75	43.75	184.80	12	10	6	9	12	8	4
	155	73.40	45.21	45.21	188.52	12	9	6	8	12	8	4
	160	73.40	46.67	46.67	192.23	12	9	6	8	12	8	4
	165	73.40	48.13	48.13	195.95	12	9	5	8	12	7	4
	170	73.40	49.58	49.58	199.66	12	8	5	8	12	7	4
	175	73.40	51.04	51.04	203.37	12	8	5	7	12	7	3
	180	73.40	52.50	52.50	207.09	12	8	5	7	12	7	3
	185	73.40	53.96	53.96	210.80	12	8	5	7	12	6	3

TYPICAL HORIZONTAL SECTIONS RECESSED MOUNT



A/14 HORIZONTAL SECTION

MOUNT TYPE 4
RECESSED 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.

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) HORIZONTAL SECTION / ANCHOR SCHEDULE - RECESSED MOUNT*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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.

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORERO
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

SHEET: 14 OF 34 | REV. E

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TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING RECESSED MOUNT - MOUNT 4						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G
96	35	81.46	11.67	11.67	111.16	12	12	12	12	12	12	6
	40	81.46	13.33	13.33	115.41	12	12	12	12	12	12	6
	45	81.46	15.00	15.00	119.65	12	12	12	12	12	12	6
	50	81.46	16.67	16.67	123.90	12	12	12	12	12	12	6
	55	81.46	18.33	18.33	128.14	12	12	12	12	12	12	6
	60	81.46	20.00	20.00	132.38	12	12	12	12	12	12	6
	65	81.46	21.67	21.67	136.63	12	12	12	12	12	12	6
	66.7	81.46	22.23	22.23	138.07	12	12	12	12	12	12	6
	70	81.46	23.33	23.33	140.87	12	12	11	12	12	12	6
	75	81.46	25.00	25.00	145.12	12	12	10	12	12	12	6
	80	81.46	26.67	26.67	149.36	12	12	10	12	12	12	6
	85	81.46	28.33	28.33	153.60	12	12	9	12	12	12	6
	90	81.46	30.00	30.00	157.85	12	12	9	12	12	11	6
	95	81.46	31.67	31.67	162.09	12	12	8	11	12	11	6
	100	81.46	33.33	33.33	166.34	12	12	8	11	12	10	5
	105	81.46	35.00	35.00	170.58	12	11	8	10	12	10	5
	110	81.46	36.67	36.67	174.82	12	11	7	10	12	9	5
	115	81.46	38.33	38.33	179.07	12	10	7	9	12	9	5
	120	81.46	40.00	40.00	183.31	12	10	6	9	12	8	4
	125	81.46	41.67	41.67	187.56	12	9	6	9	12	8	4
	130	81.46	43.33	43.33	191.80	12	9	6	8	12	8	4
	135	81.46	45.00	45.00	196.04	12	9	6	8	12	7	4
	140	81.46	46.67	46.67	200.29	12	8	5	8	12	7	4
	145	81.46	48.33	48.33	204.53	12	8	5	7	12	7	3
	150	81.46	50.00	50.00	208.78	12	8	5	7	12	7	3
	155	81.46	51.67	51.67	213.02	12	7	5	7	12	6	3
	160	81.46	53.33	53.33	217.26	12	7	5	7	12	6	3
	165	81.46	55.00	55.00	221.51	12	7	4	6	12	6	3
	170	81.46	56.67	56.67	225.75	12	7	4	6	12	6	3
	175	81.46	58.33	58.33	230.00	12	6	4	6	12	5	3
108	35	88.08	13.13	13.13	121.51	12	12	12	12	12	12	6
	40	88.08	15.00	15.00	126.28	12	12	12	12	12	12	6
	45	88.08	16.88	16.88	131.06	12	12	12	12	12	12	6
	50	88.08	18.75	18.75	135.83	12	12	12	12	12	12	6
	55	88.08	20.63	20.63	140.60	12	12	11	12	12	12	6
	60	88.08	22.50	22.50	145.38	12	12	11	12	12	12	6
	65	88.08	24.38	24.38	150.15	12	12	10	12	12	12	6
	66.7	88.08	25.01	25.01	151.78	12	12	10	12	12	12	6
	70	88.08	26.25	26.25	154.93	12	12	9	12	12	12	6
	75	88.08	28.13	28.13	159.70	12	12	9	12	12	11	6
	80	88.08	30.00	30.00	164.48	12	12	8	11	12	11	5
	85	88.08	31.88	31.88	169.25	12	12	8	11	12	10	5
	90	88.08	33.75	33.75	174.03	12	11	7	10	12	9	5
	95	88.08	35.63	35.63	178.80	12	10	7	10	12	9	5
	100	88.08	37.50	37.50	183.58	12	10	7	9	12	9	4
	105	88.08	39.38	39.38	188.35	12	9	6	9	12	8	4
	110	88.08	41.25	41.25	193.12	12	9	6	8	12	8	4
	115	88.08	43.13	43.13	197.90	12	9	6	8	12	7	4
	120	88.08	45.00	45.00	202.67	12	8	5	8	12	7	4
	125	88.08	46.88	46.88	207.45	12	8	5	7	12	7	3
	130	88.08	48.75	48.75	212.22	12	8	5	7	12	6	3
	135	88.08	50.63	50.63	217.00	12	7	5	7	12	6	3
	140	88.08	52.50	52.50	221.77	12	7	4	6	12	6	3
	145	88.08	54.38	54.38	226.55	12	7	4	6	12	6	3
	150	88.08	56.25	56.25	231.32	12	6	4	6	12	5	3
	155	88.08	58.13	58.13	236.10	12	6	4	6	12	5	3
	160	88.08	60.00	60.00	240.87	12	6	4	5	12	5	2
	165	88.08	61.88	61.88	245.64	12	6	4	5	11	5	2

TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING RECESSED MOUNT - MOUNT 4						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G
120	35	93.24	14.58	14.58	130.37	12	12	12	12	12	12	6
	40	93.24	16.67	16.67	135.68	12	12	12	12	12	12	6
	45	93.24	18.75	18.75	140.98	12	12	12	12	12	12	6
	50	93.24	20.83	20.83	146.29	12	12	11	12	12	12	6
	55	93.24	22.92	22.92	151.59	12	12	10	12	12	12	6
	60	93.24	25.00	25.00	156.90	12	12	9	12	12	12	6
	65	93.24	27.08	27.08	162.20	12	12	9	12	12	11	6
	66.7	93.24	27.79	27.79	164.00	12	12	8	11	12	11	6
	70	93.24	29.17	29.17	167.51	12	12	8	11	12	10	5
	75	93.24	31.25	31.25	172.81	12	11	8	10	12	10	5
	80	93.24	33.33	33.33	178.12	12	11	7	10	12	9	5
	85	93.24	35.42	35.42	183.42	12	10	7	9	12	9	4
	90	93.24	37.50	37.50	188.73	12	10	6	9	12	8	4
	95	93.24	39.58	39.58	194.03	12	9	6	8	12	8	4
	100	93.24	41.67	41.67	199.34	12	9	6	8	12	7	4
	105	93.24	43.75	43.75	204.64	12	8	5	7	12	7	4
	110	93.24	45.83	45.83	209.95	12	8	5	7	12	7	3
	115	93.24	47.92	47.92	215.25	12	7	5	7	12	6	3
	120	93.24	50.00	50.00	220.56	12	7	5	6	12	6	3
	125	93.24	52.08	52.08	225.86	12	7	4	6	12	6	3
	130	93.24	54.17	54.17	231.17	12	7	4	6	12	6	3
	135	93.24	56.25	56.25	236.47	12	6	4	6	12	5	3
	140	93.24	58.33	58.33	241.78	12	6	4	5	12	5	2
	145	93.24	60.42	60.42	247.08	12	6	4	5	11	5	2
132	35	96.87	16.04	16.04	137.72	12	12	12	12	12	12	6
	40	96.87	18.33	18.33	143.56	12	12	11	12	12	12	6
	45	96.87	20.63	20.63	149.39	12	12	10	12	12	12	6
	50	96.87	22.92	22.92	155.23	12	12	10	12	12	12	6
	55	96.87	25.21	25.21	161.06	12	12	9	12	12	11	6
	60	96.87	27.50	27.50	166.90	12	12	8	11	12	10	5
	65	96.87	29.79	29.79	172.73	12	11	8	10	12	10	5
	66.7	96.87	30.57	30.57	174.72	12	11	8	10	12	10	5
	70	96.87	32.08	32.08	178.57	12	11	7	10	12	9	5
	75	96.87	34.38	34.38	184.40	12	10	7	9	12	9	4
	80	96.87	36.67	36.67	190.24	12	9	6	9	12	8	4
	85	96.87	38.96	38.96	196.08	12	9	6	8	12	8	4
	90	96.87	41.25	41.25	201.91	12	8	6	8	12	7	4
	95	96.87	43.54	43.54	207.75	12	8	5	7	12	7	3
	100	96.87	45.83	45.83	213.58	12	8	5	7	12	6	3
	105	96.87	48.13	48.13	219.42	12	7	5	7	12	6	3
	110	96.87	50.42	50.42	225.25	12	7	4	6	12	6	3
	115	96.87	52.71	52.71	231.09	12	7	4	6	12	6	3
	120	96.87	55.00	55.00	236.92	12	6	4	6	12	5	3
	125	96.87	57.29	57.29	242.76	12	6	4	5	12	5	2
	130	96.87	59.58	59.58	248.60	12	6	4	5	11	5	2
	135	96.87	61.88	61.88	254.43	12	5	3	5	11	5	2
	140	96.87	64.17	64.17	260.27	12	5	3	5	10	4	2
144	35	98.97	17.50	17.50	143.53	12	12	11	12	12	12	6
	40	98.97	20.00	20.00	149.90	12	12	10	12	12	12	6
	45	98.97	22.50	22.50	156.26	12	12	10	12	12	12	6
	50	98.97	25.00	25.00	162.63	12	12	9	12	12	11	6
	55	98.97	27.50	27.50	168.99	12	12	8	11	12	10	5
	60	98.97	30.00	30.00	175.36	12	11	8	10	12	9	5
	65	98.97	32.50	32.50	181.73	12	10	7	9	12	9	5
	66.7	98.97	33.35	33.35	183.89	12	10	7	9	12	9	4
	70	98.97	35.00	35.00	188.09	12	10	6	9	12	8	4
	75	98.97	37.50	37.50	194.46	12	9	6	8	12	8	4
	80	98.97	40.00	40.00	200.82	12	9	6	8	12	7	4
	85	98.97	42.50	42.50	207.19	12	8	5	7	12	7	3
	90	98.97	45.00	45.00	213.56	12	8	5	7	12	6	3
	95	98.97	47.50	47.50	219.92	12	7	5	7	12	6	3
	100	98.97	50.00	50.00	226.29	12	7	4	6	12	6	3
	105	98.97	52.50	52.50	232.65	12	6	4	6	12	5	3
	110	98.97	55.00	55.00	239.02	12	6	4	6	12	5	3
	115	98.97	57.50	57.50	245.39	12	6	4	5	12	5	2
	120	98.97	60.00	60.00	251.75	12	6	3	5	11	5	2
	125	98.97	62.50	62.50	258.12	12	5	3	5	11	4	2
	130	98.97	65.00	65.00	264.49	12	5	3	5	10	4	2

TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING RECESSED MOUNT - MOUNT 4						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G
168	35	98.47	20.42	20.42	150.46	12	12	10	12	12	12	6
	40	98.47	23.33	23.33	157.89	12	12	9	12	12	12	6
	45	98.47	26.25	26.25	165.31	12	12	9	11	12	11	6
	50	98.47	29.17	29.17	172.74	12	11	8	10	12	10	5
	55	98.47	32.08	32.08	180.17	12	10	7	10	12	9	5
	60	98.47	35.00	35.00	187.59	12	10	7	9	12	8	4
	65	98.47	37.92	37.92	195.02	12	9	6	8	12	8	4
	66.7	98.47	38.91	38.91	197.55	12	9	6	8	12	8	4
	70	98.47	40.83	40.83	202.45	12	8	6	8	12	7	4
	75	98.47	43.75	43.75	209.88	12	8	5	7	12	7	3
	80	98.47	46.67	46.67	217.30	12	7	5	7	12	6	3
	85	98.47	49.58	49.58	224.73	12	7	4	6	12	6	3
	90	98.47	52.50	52.50	232.16	12	6	4	6	12	6	3
	95	98.47	55.42	55.42	239.58	12	6	4	6	12	5	3
	100	98.47	58.33	58.33	247.01	12	6	4	5	12	5	2
	105	98.47	61.25	61.25	254.44	12	5	3	5	11	5	2
	110	98.47	64.17	64.17	261.87	12	5	3	5	10	4	2
192	35	0.00	23.33	23.33	59.42	12	12	12	12	12	12	6
	40	11.45	26.67	26.67	79.36	12	12	12	12	12	12	6
	45	20.36	30.00	30.00	96.76	12	12	12	12	12	12	6
	50	27.49	33.33	33.33	112.37	12	12	12	12	12	12	6
	55	33.32	36.67	36.67	126.69	12	12	11	12	12	12	6
	60	38.18	40.00	40.00	140.04	12	12	9	12	12	12	6
	65	42.30	43.33	43.33	152.64	12	12	8	12	12	11	6
	66.7	43.55	44.47	44.47	156.78	12	12	8	11	12	11	5
	70	45.82	46.67	46.67	164.65	12	11	7	10	12	10	5
	75	48.87	50.00	50.00	176.20	12	10	6	9	12	9	4
	80	51.55	53.33	53.33	187.36	12	9	6	8	12	8	4
	85	53.91	56.67	56.67	198.20	12	8	5	7	12	7	4
216	35	0.00	26.25	26.25	66.84	12	12	12	12	12	12	6
	40	9.80	30.00	30.00	86.19	12	12	12	12	12	12	6
	45	17.42	33.75	33.75	103.37	12	12	12	12	12	12	6
	50	23.52	37.50	37.50	119.01	12	12	12	12	12	12	6
	55	28.51	41.25	41.25	133.55	12	12	10	12	12	12	6
	60	32.67	45.00	45.00	147.26	12	12	8	12	12	11	6
	65	36.19	48.75	48.75	160.33	12	12	7	11	12	10	5
	66.7	37.27	50.03	50.03	164.65	12	11	7	10	12	9	5
240	35	0.00	29.17	29.17	74.27	12	12	12	12	12	12	6
	40	10.40	33.33	33.33	95.28	12	12	12	12	12	12	6
	45	18.49	37.50	37.50	113.98	12	12	12	12	12	12	6
	50	24.96	41.67	41.67	131.07	12	12	10	12	12	12	6
	55	30.26	45.83	45.83	146.97	12	12	8	12	12	11	6
	60	34.67	50.00	50.00	161.99	12	12	7	10	12	10	5
264	35	12.27	32.08	32.08	93.97	12	12	12	12	12	12	6
	40	21.48	36.67	36.67	114.85	12	12	12	12	12	12	6
	45	28.64	41.25	41.25	133.68	12	12	10	12	12	12	6
	50	34.37	45.83	45.83	151.08	12	12	8	12	12	11	6
300	35	9.48	32.08	32.08	91.18	12	12	12	12	12	12	6
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320	35	8.10	32.08	32.08	89.80	12	12	12	12	12	12	6
	40	14.17	36.67	36.67	107.54	12	12	12	12	12	12	6
360	35	12.62	43.75	43.75	124.03	12	12	10	12	12	12	6

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) ANCHOR SCHEDULE - RECESSED MOUNT*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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HERMES F. NORIEGA
FLORIDA LIC. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

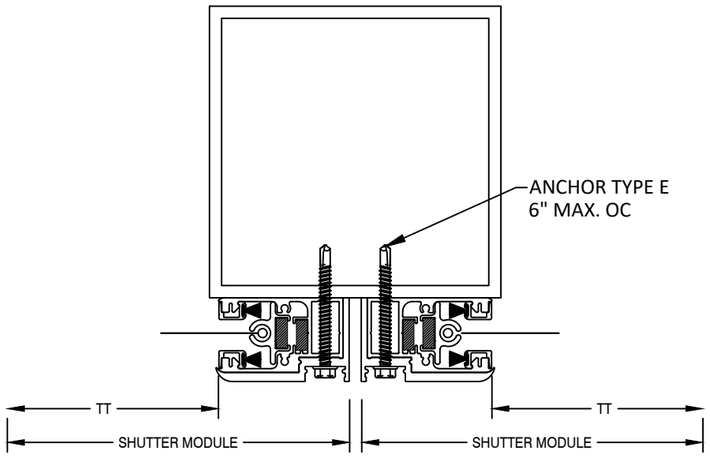
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DWG. #: PRG003

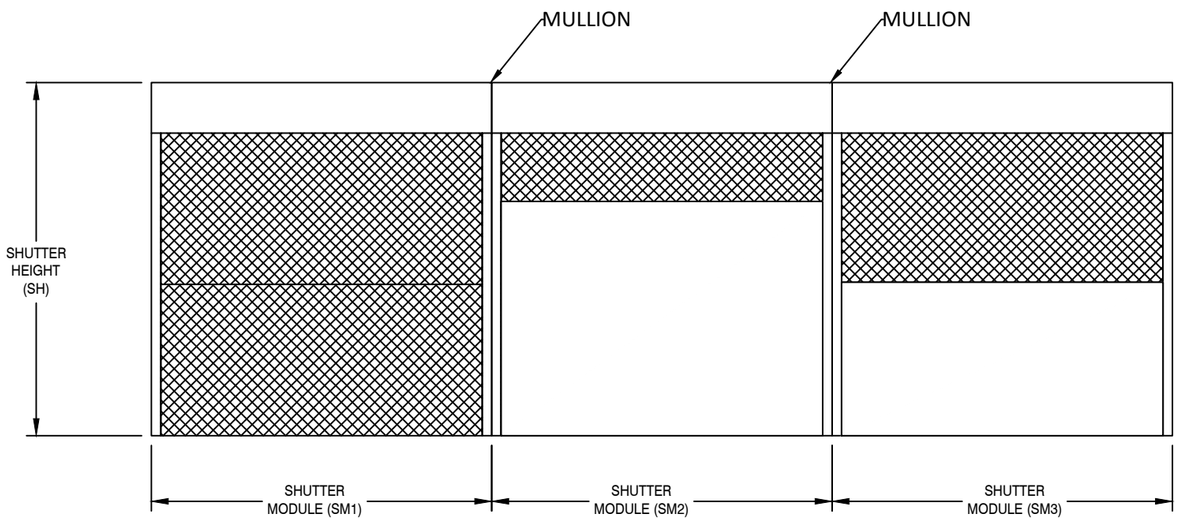
SHEET: 15 OF 34 | REV. E

9/10/2026 8:09 AM
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FACE MOUNT MULLION



EQUALLY SPACED MULLIONS SELECTION

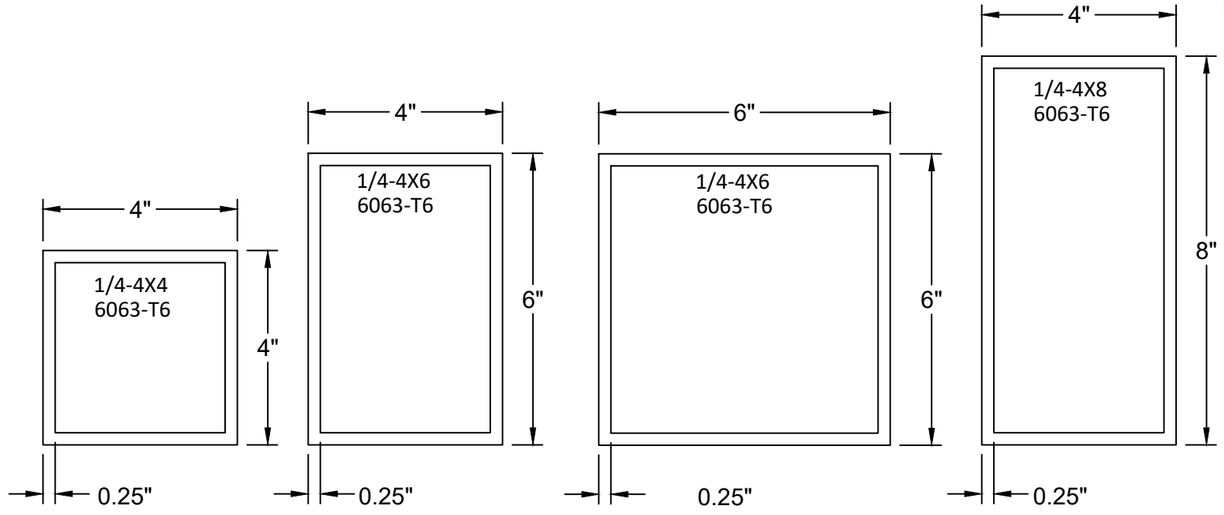


SM1 = SM2 = SM3

MAXIMUM MULLION DESIGN PRESSURE (PSF)

FW Max.	1/4-4x8 MULLION SPAN			1/4-6x6 MULLION SPAN			1/4-4x6 MULLION SPAN			1/4-4x4 MULLION SPAN		
	144	120	96	144	120	96	144	120	96	144	120	96
360	27	35	35	N/A	31	35	N/A	23	35	N/A	N/A	N/A
320	30	40	40	20	35	40	N/A	26	40	N/A	N/A	N/A
300	32	45	45	21	37	45	N/A	28	45	N/A	N/A	20
264	37	50	50	24	43	50	N/A	31	50	N/A	N/A	23
240	41	60	60	27	47	60	20	35	60	N/A	N/A	25
216	45	66	66	30	52	66	22	39	66	N/A	N/A	28
192	51	75	85	34	59	85	25	43	77	N/A	N/A	32
168	58	85	110	39	67	110	29	50	88	N/A	N/A	36
144	68	100	130	45	79	130	33	58	102	N/A	22	42
132	74	109	140	49	86	140	36	63	112	N/A	24	46
120	82	120	155	54	94	155	40	70	123	N/A	26	51
108	91	133	165	61	105	165	45	78	137	N/A	29	57
96	103	150	175	68	118	175	50	87	154	N/A	33	64
84	117	171	185	78	135	185	58	100	176	21	37	73
72	137	200	200	91	158	200	67	117	200	25	44	85

NOTES:
1. 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.
2. DEFLECTION CRITERIA: MAX. SPAN/180
3. VALUES ABOVE ARE APPLICABLE ONLY FOR EQUAL MODULES SM1=SM2=SM3
4. UNEQUAL MODULES ARE TO BE DESIGNED BY RATIONAL ANALYSIS IN A CASE BY CASE BASIS.



PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) EQUALLY SPACED MULLIONS*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
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HERMES F. NORIEGA, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

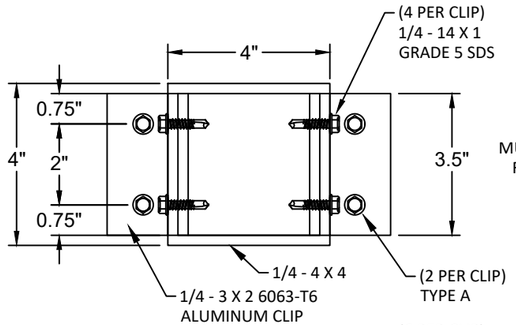
DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

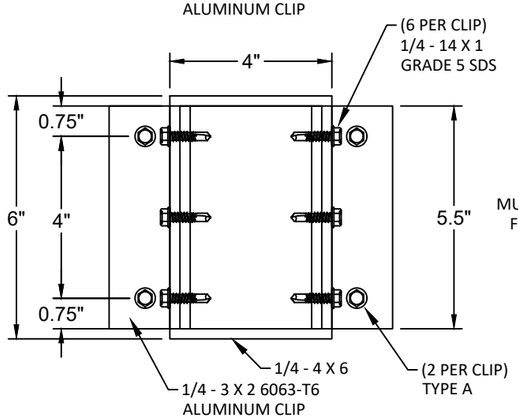
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SHEET: 16 OF 34 | REV. E

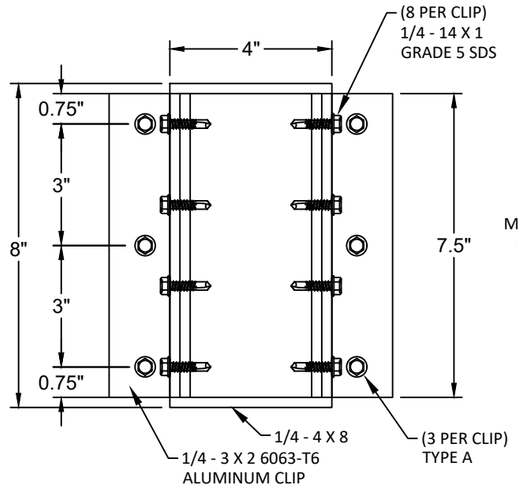
EQUALLY SPACED MULLIONS WALL AND INSET CONNECTIONS



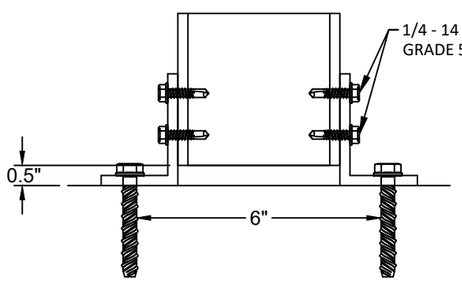
FC1 - 4X4
MULL ANCHORAGE
FLOOR/CEILING
MOUNT



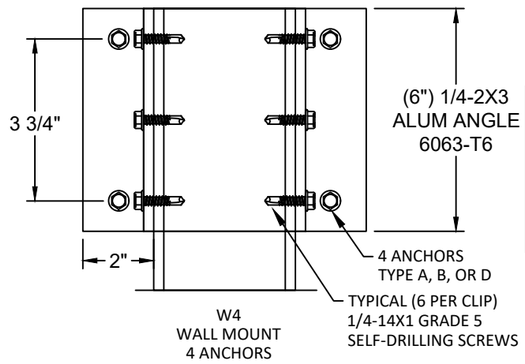
FC2 - 4X6
MULL ANCHORAGE
FLOOR/CEILING
MOUNT



FC3 - 4X8
MULL ANCHORAGE
FLOOR/CEILING
MOUNT



NOTE: ANGLE CLIP TO
BE PLACED OUTSIDE OR
INSIDE TUBE



WALL MOUNT ANCHOR SELECTION				
ANCHOR TYPE	MULLION TYPE			
	4X4	4X6	6X6	4X8
A/A1	W4	W4	W4	W4
B	W4	N/A	N/A	N/A
D	W4	N/A	N/A	N/A

FLOOR/CEILING MOUNT ANCHOR SELECTION				
ANCHOR TYPE	MULLION TYPE			
	4X4	4X6	6X6	4X8
A/A1	FC1	FC2	FC3	FC3

ANCHOR SCHEDULE:

Anchor	DESCRIPTION	MATERIAL	EDGE DISTANCE	EMBEDMENT
A	3/8" DEWALT/POWERS WEDGE BOLT	MIN. 3000 PSI CONCRETE	3 3/4"	3 1/2"
A1*	3/8" HILTI KWIK BOLT TZ2 SS304/SS316 WEDGE BOLT	MIN. 3000 PSI CONCRETE	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"

*** SEE STAINLESS STEEL ANCHOR NOTES ON SHEET 7.1.**

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) EQUALLY SPACED MULLION ANCHORS*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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HERMES H. NORIEGA LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES H. NORIEGA, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

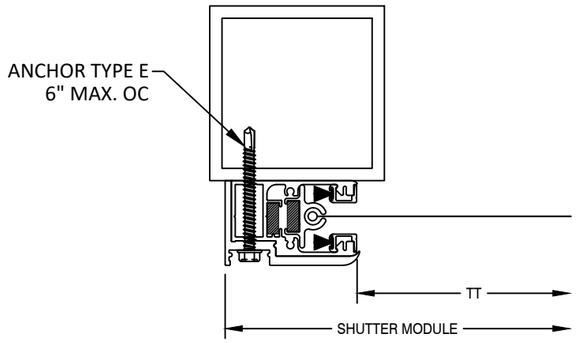
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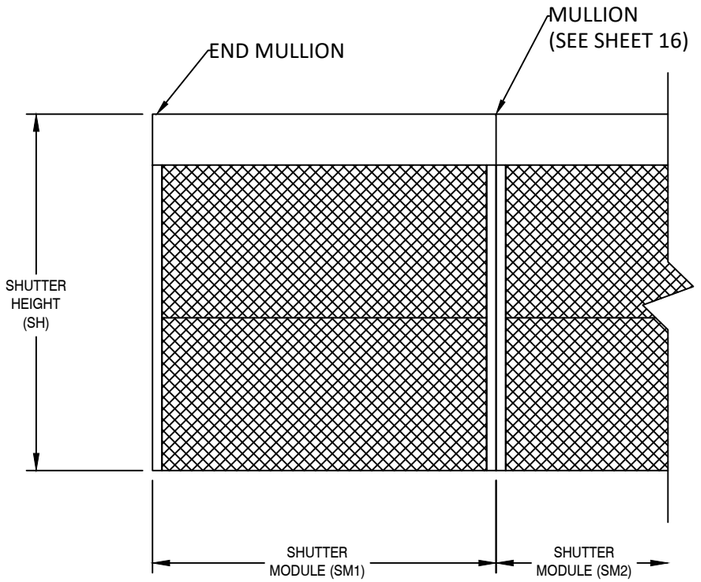
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END MULLION SELECTION

FACE MOUNT MULLION



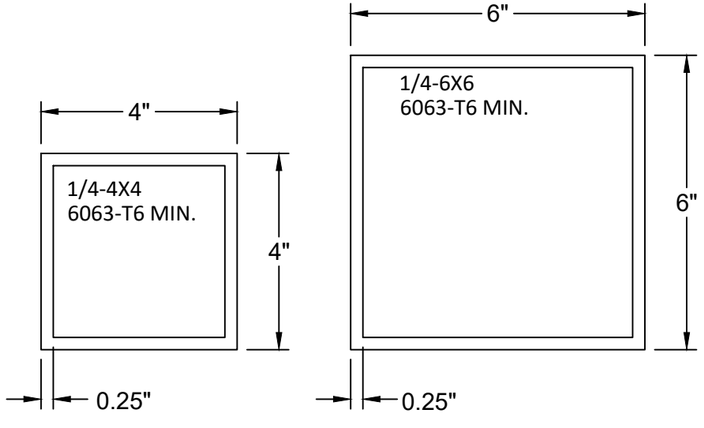


SM1 = SM2

MAXIMUM END MULLION SPANS AND DESIGN PRESSURES

FW 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.
72	200	12.00	12.00
84	185	12.00	12.00
96	175	12.00	12.00
108	165	12.00	12.00
120	155	12.00	12.00
132	140	12.00	12.00
144	130	12.00	12.00
168	110	12.00	12.00
192	85	12.00	12.00
216	66.7	12.00	12.00
240	60	12.00	12.00
264	50	12.00	12.00
300	45	12.00	12.00
320	40	12.00	12.00
360	35	12.00	12.00

NOTES:
1. 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.
2. VALUES ABOVE ARE APPLICABLE FOR END MULLIONS ONLY



PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) END MULLION*

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
LICENSE NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

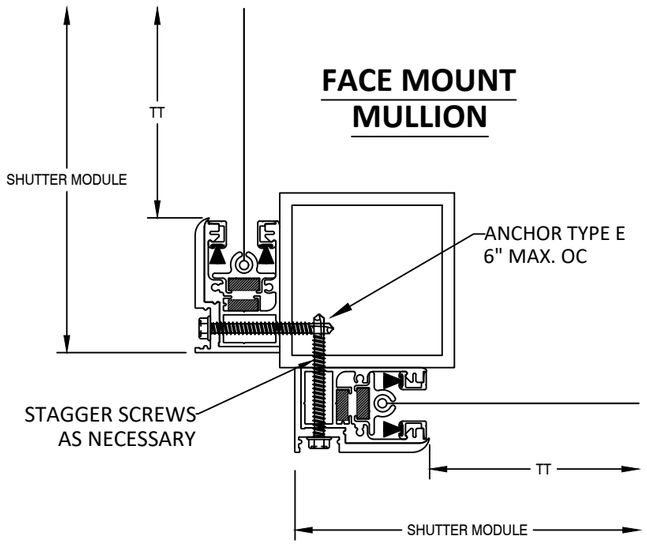
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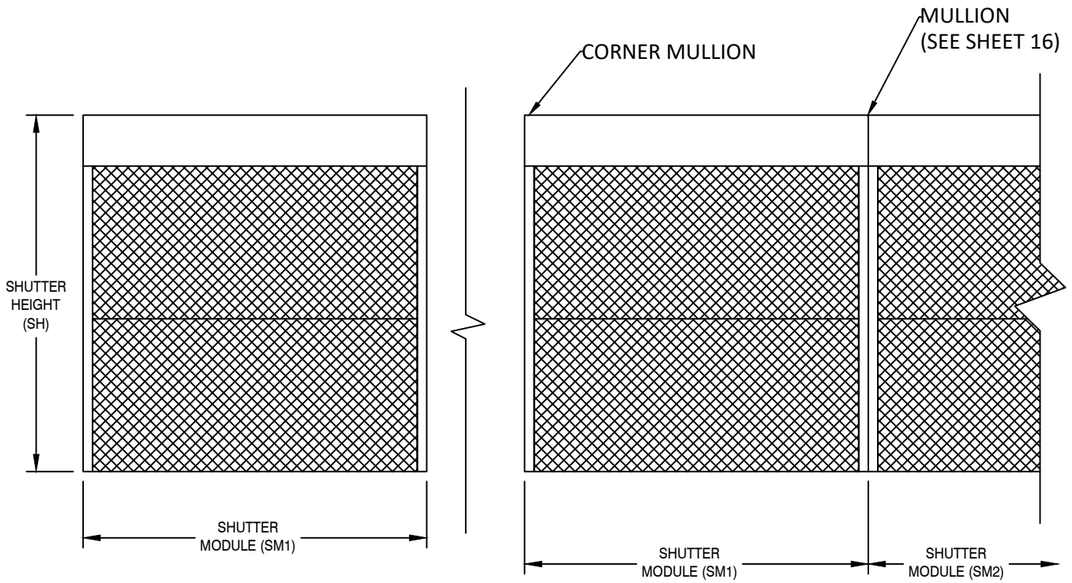
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CORNER MULLION SELECTION

FACE MOUNT MULLION



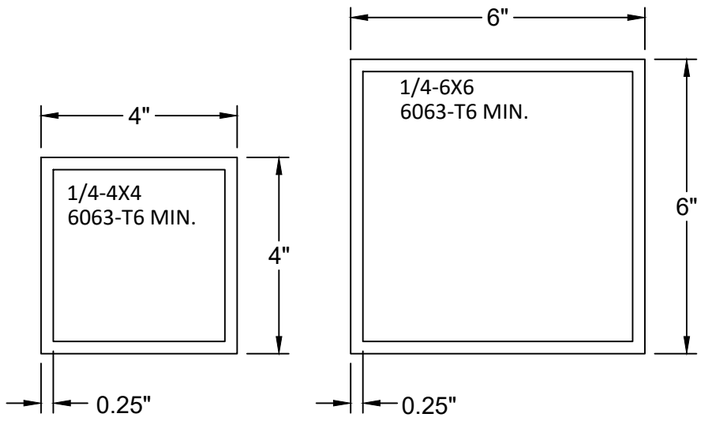


SM1 = SM2 = SM3

MAXIMUM CORNER MULLION SPANS AND DESIGN PRESSURES

FW 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.
72	200	12.00	12.00
84	185	12.00	12.00
96	175	12.00	12.00
108	160	12.00	12.00
120	150	11.89	12.00
132	135	11.77	12.00
144	125	11.66	12.00
168	100	11.71	12.00
204	75	12.00	12.00
216	55	12.00	12.00
240	50	12.00	12.00
264	45	12.00	12.00
286.5	40	12.00	12.00

NOTES:
1. 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.
2. 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.



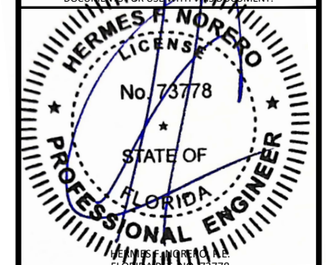
PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) CORNER MULLION*

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
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HERMES F. NORIEGA, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

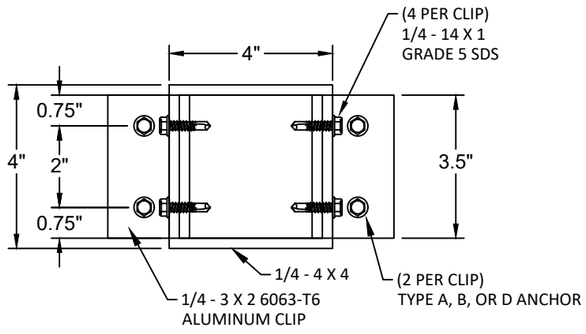
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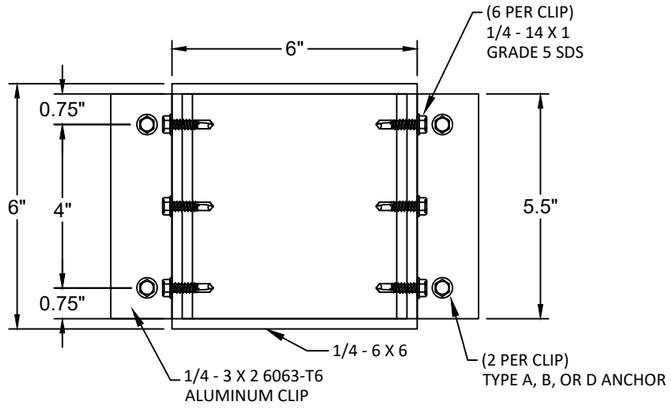
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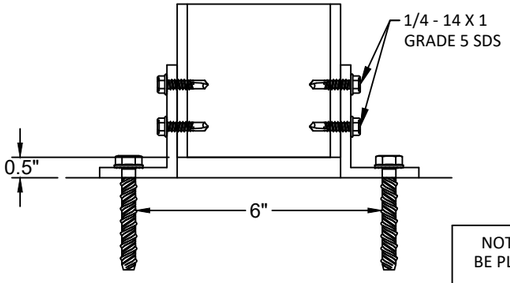
END MULLION AND CORNER MULLION WALL AND INSET CONNECTIONS



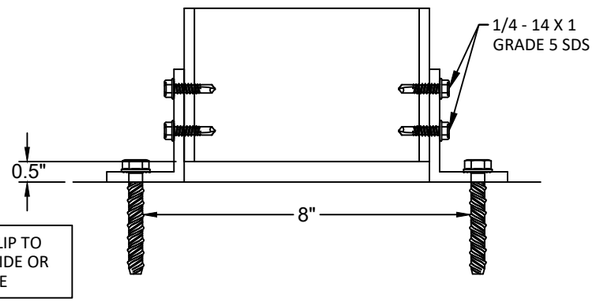
FC1 - 4X4
MULL ANCHORAGE
FLOOR/CEILING
MOUNT



FC2 - 6X6
MULL ANCHORAGE
FLOOR/CEILING
MOUNT

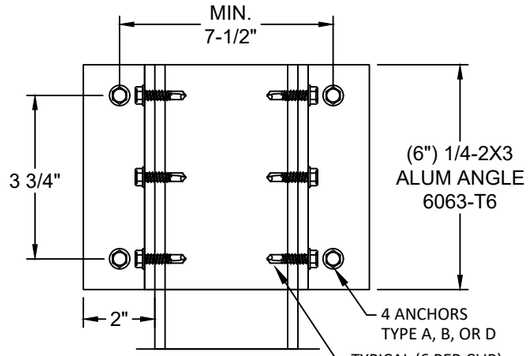


NOTE: ANGLE CLIP TO BE PLACED OUTSIDE OR INSIDE TUBE

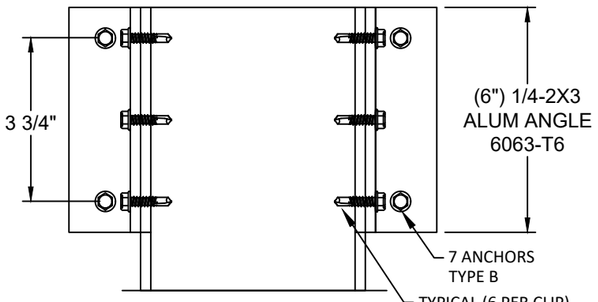


MULL FLOOR/CEILING MOUNT ANCHOR SELECTION				
ANCHOR TYPE	END MULLION TYPE		CORNER MULLION TYPE	
	4X4	6X6	4X4	6X6
A/A1	FC1	FC2	FC1	FC2
B	FC1	FC2	FC1	FC2
D	FC1	FC2	FC1	FC2

END MULLION WALL CONNECTIONS



W4
WALL MOUNT
4 ANCHORS
4X4



W4
WALL MOUNT
4 ANCHORS
6X6

WALL MOUNT ANCHOR SELECTION		
ANCHOR TYPE	END MULLION TYPE	
	4X4	6X6
A/A1	W4	W4
B	W4	W4
D	W4	W4

ANCHOR SCHEDULE:

Anchor	DESCRIPTION	MATERIAL	EDGE DISTANCE	EMBEDMENT
A	3/8" DEWALT/POWERS WEDGE BOLT	MIN. 3000 PSI CONCRETE	3 3/4"	3 1/2"
A1*	3/8" HILTI KWIK BOLT TZ2 SS304/SS316 WEDGE BOLT	MIN. 3000 PSI CONCRETE	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"

*** SEE STAINLESS STEEL ANCHOR NOTES ON SHEET 7.1.**

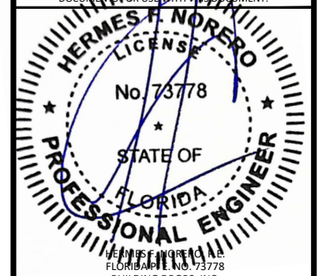
PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) END MULLION / CORNER MULLION CONNECTIONS*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

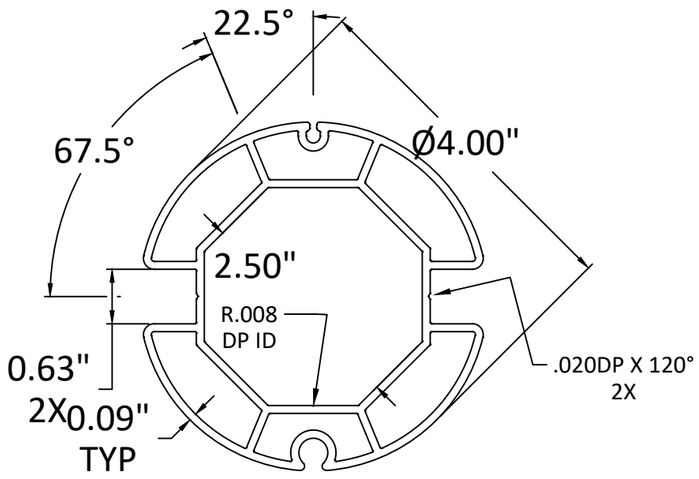
DWG. BY: SM/AR | CHK. BY: HFN

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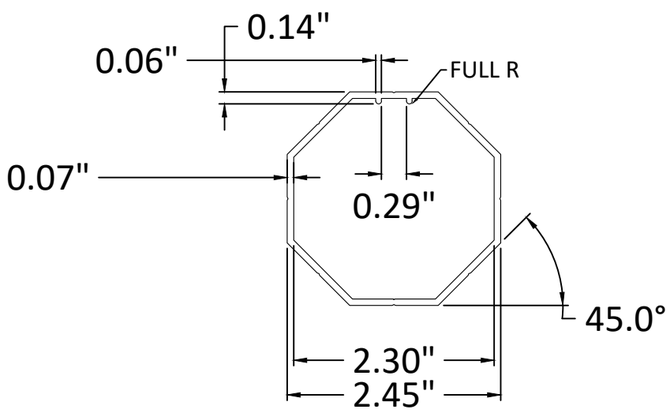
DWG. #: PRG003

SHEET: 20 OF 34 | REV. E

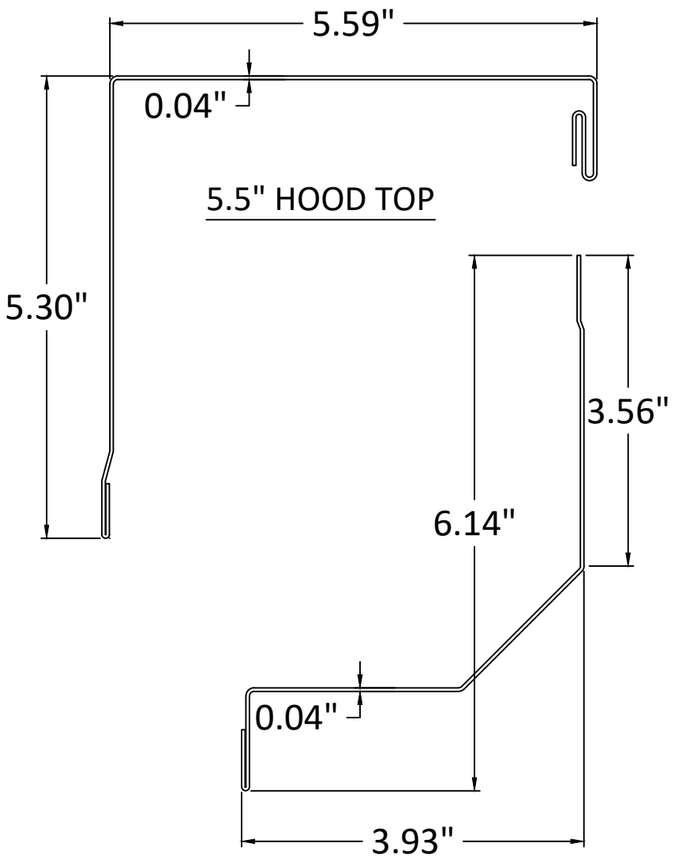
4" TUBE AND 5.5" HOOD DETAILS



4" TUBE



60 MM OCTAGONAL TUBE



5.5" HOOD BOTTOM

Progressive SCREENS

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT)*

4" TUBE & 5.5" HOOD DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
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FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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HERMES F. NORIEGA V LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORIEGA V, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

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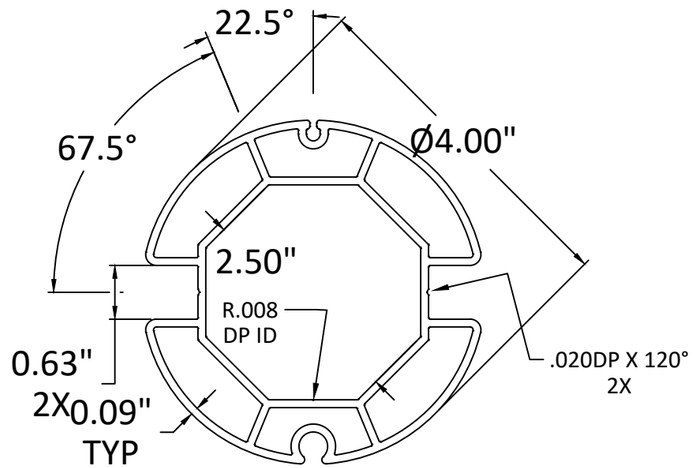
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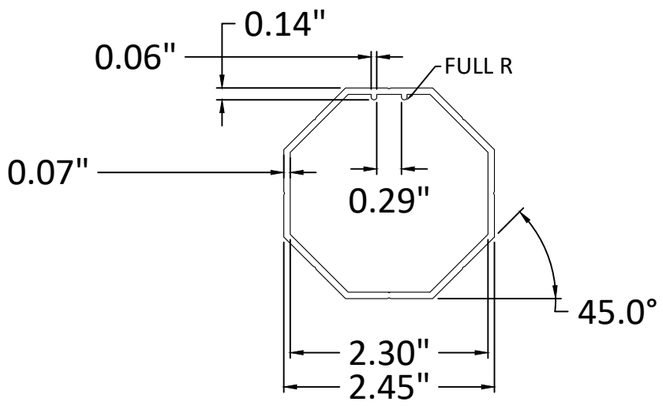
SHEET: 21 OF 34 | REV. E

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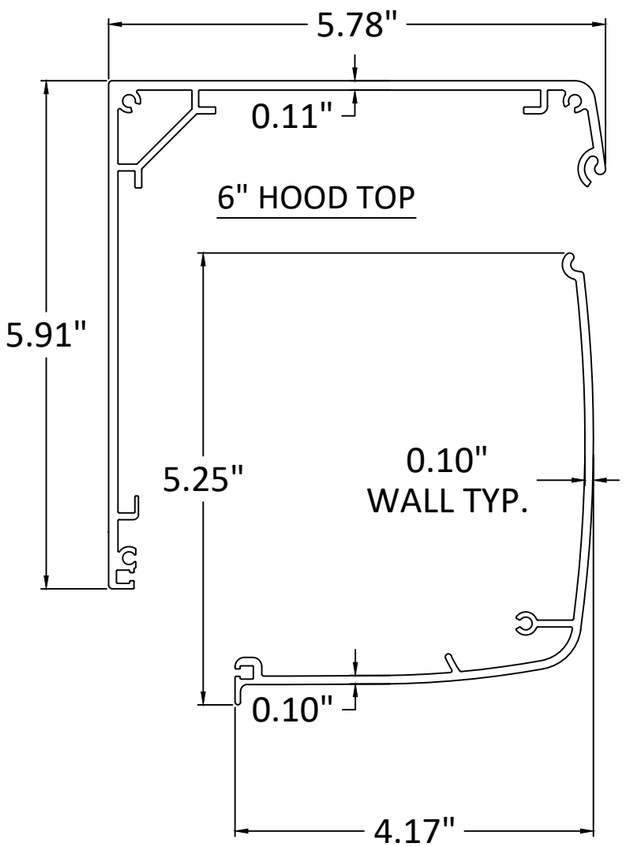
4" TUBE AND 6" EXTRUDED HOOD DETAILS



4" TUBE



60 MM OCTAGONAL TUBE



6" HOOD BOTTOM

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) 4" TUBE & 6" EXTRUDED HOOD DETAILS*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
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HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
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HERMES F. NORIEGA
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORIEGA, P.E.
FLORIDA P.E. LIC. # 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

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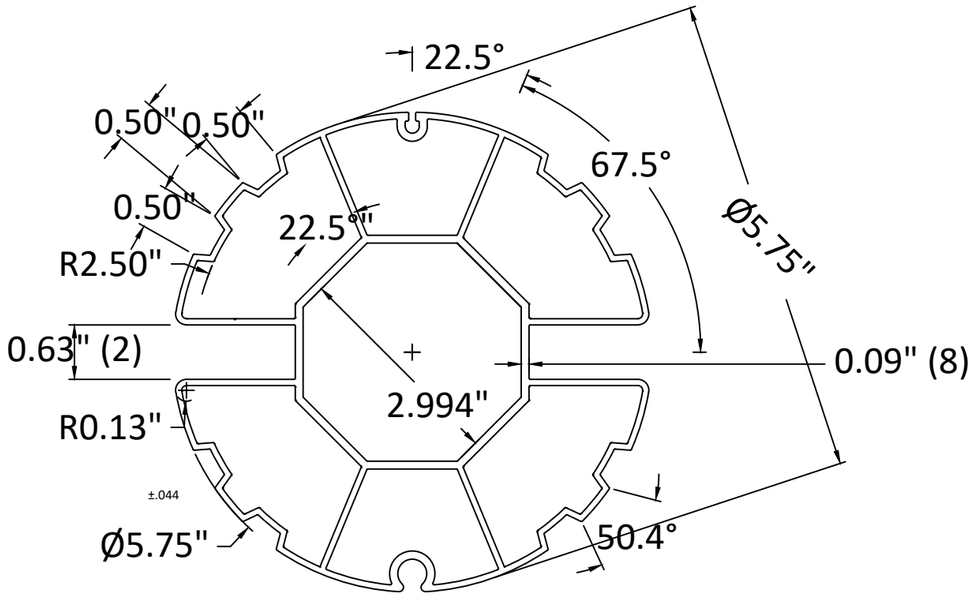
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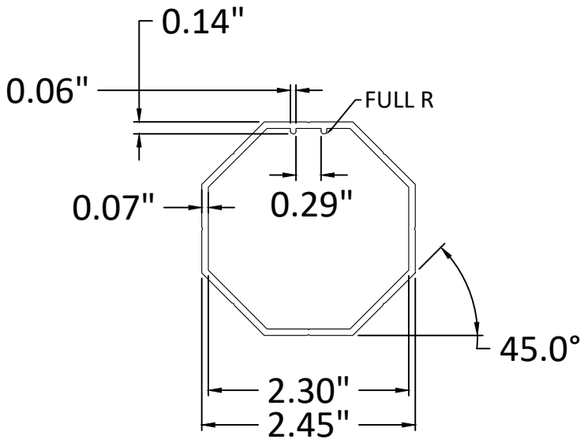
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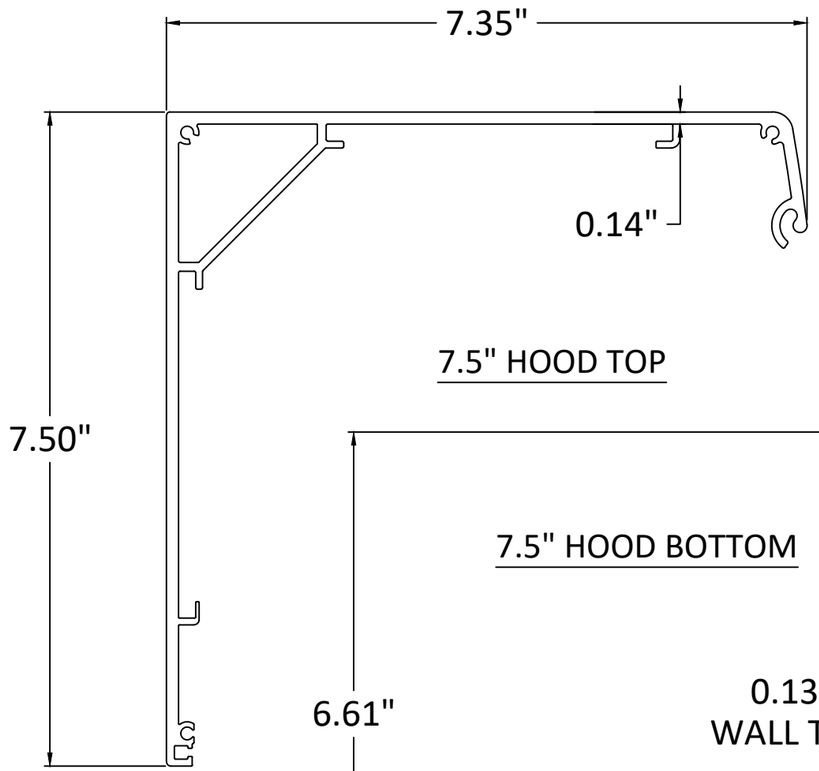
5.75" TUBE AND 7.5" EXTRUDED HOOD DETAILS

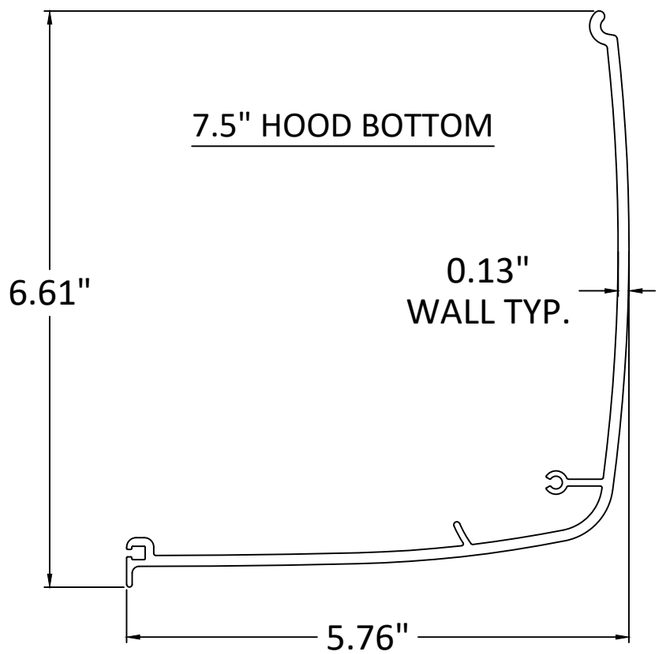


5.75" TUBE



60 MM OCTAGONAL TUBE





NOTE:
7.5" HOOD IS COMPATIBLE WITH 4" TUBE.

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) 5.75" TUBE & 7.5" EXTRUDED HOOD DETAILS*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
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HERMES F. NORIEGA III LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORIEGA III
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

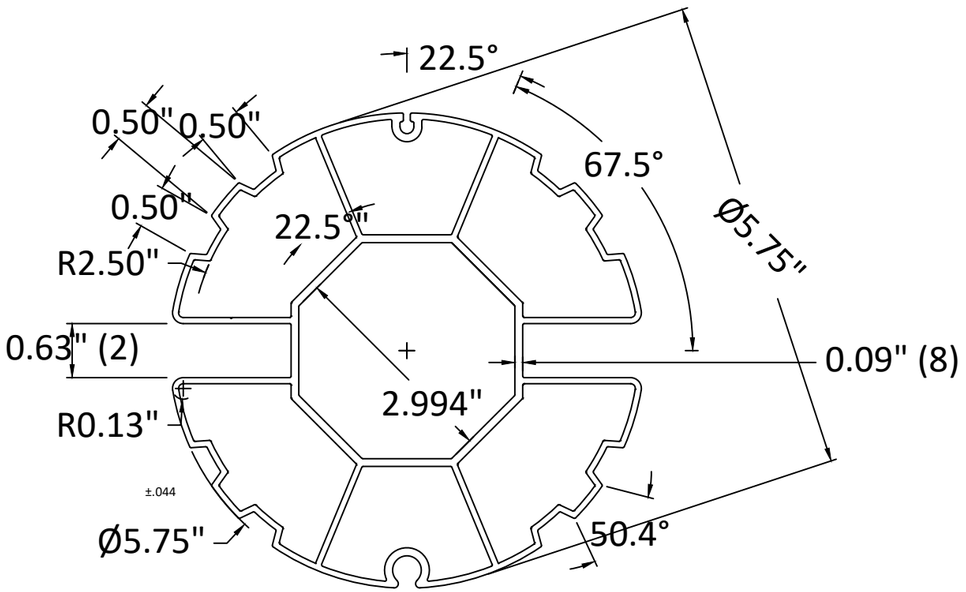
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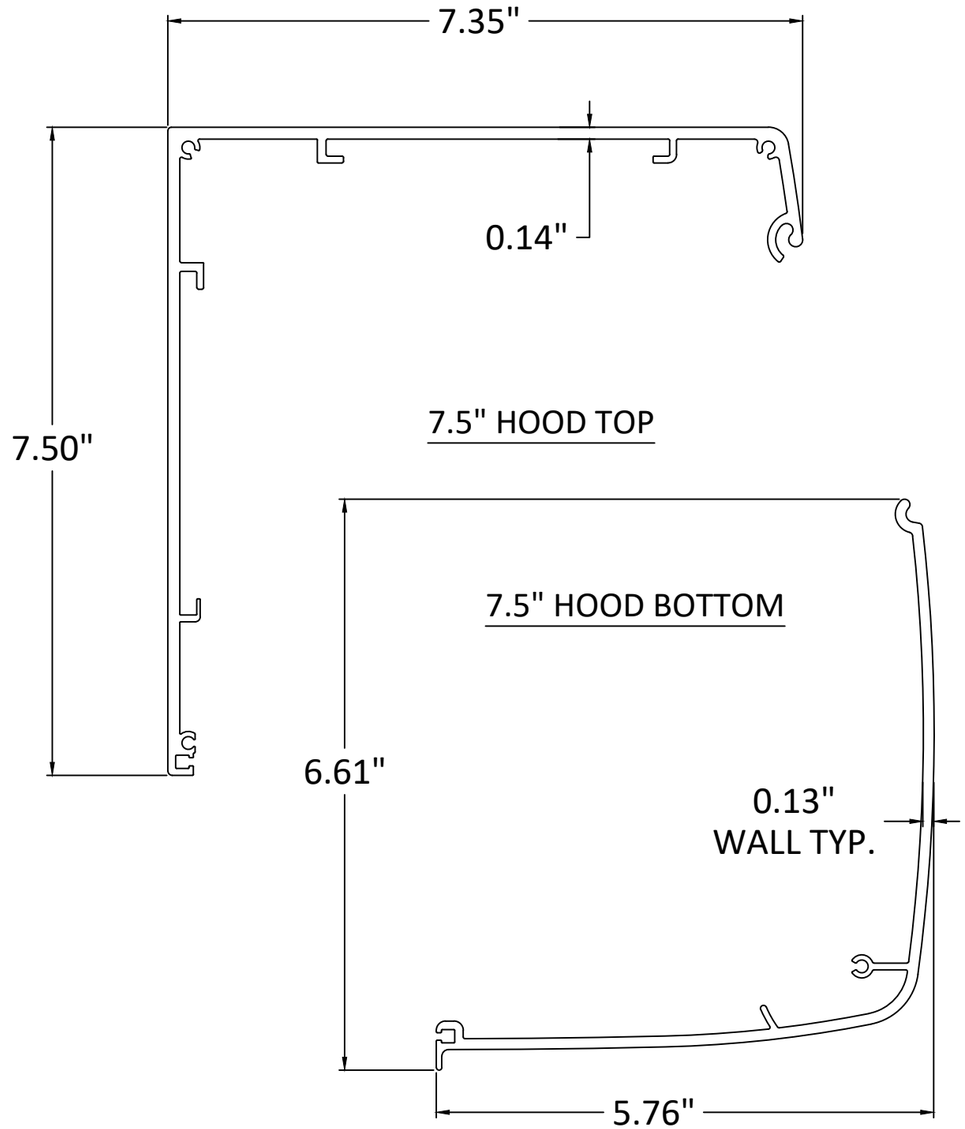
SHEET: 23 OF 34 | REV. E

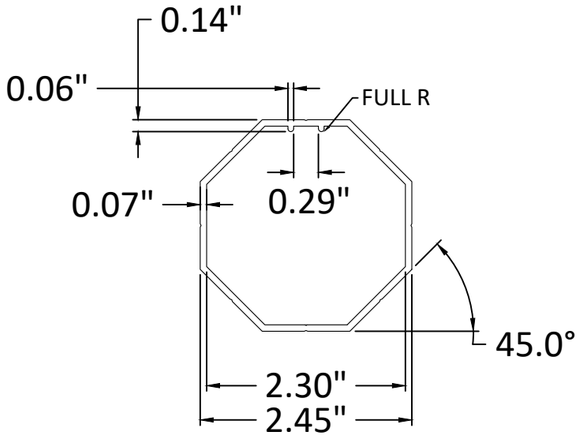
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5.75" TUBE AND 7.5" EXTRUDED HOOD DETAILS



5.75" TUBE





60 MM OCTAGONAL TUBE

NOTE:
7.5" HOOD IS COMPATIBLE WITH 4" TUBE.

Progressive SCREENS

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) 5.75" TUBE & 7.5" EXTRUDED HOOD DETAILS*

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
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FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

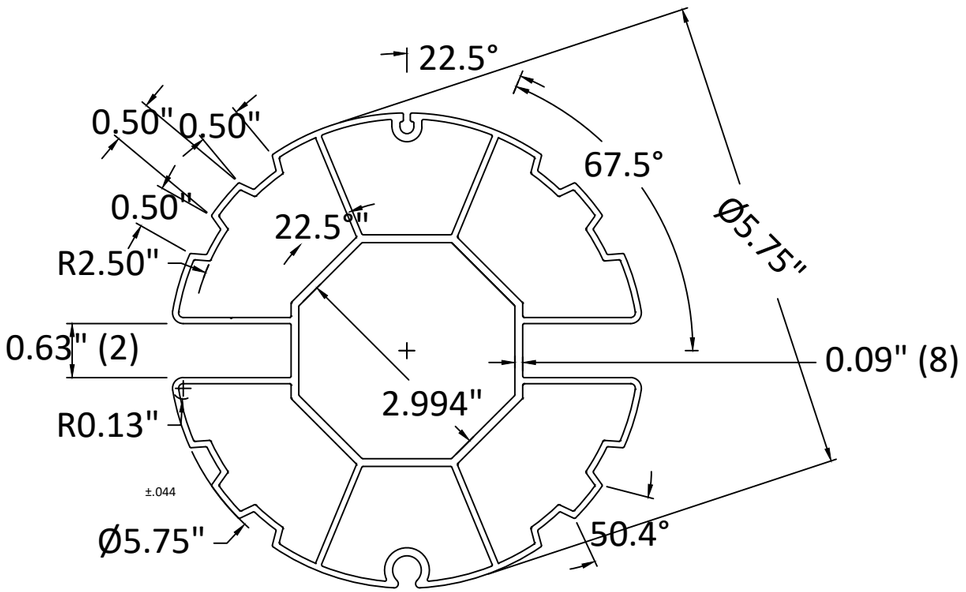
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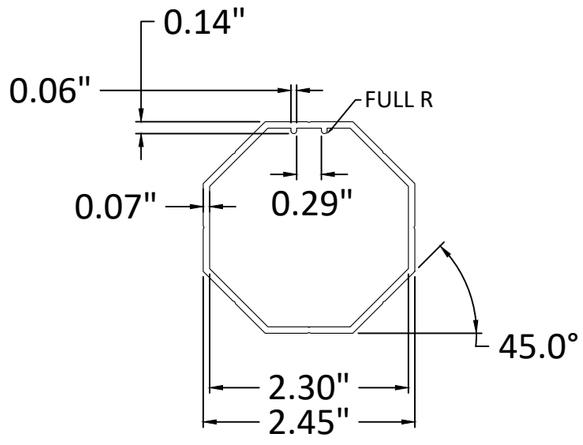
SHEET: 24 OF 34 | REV. E

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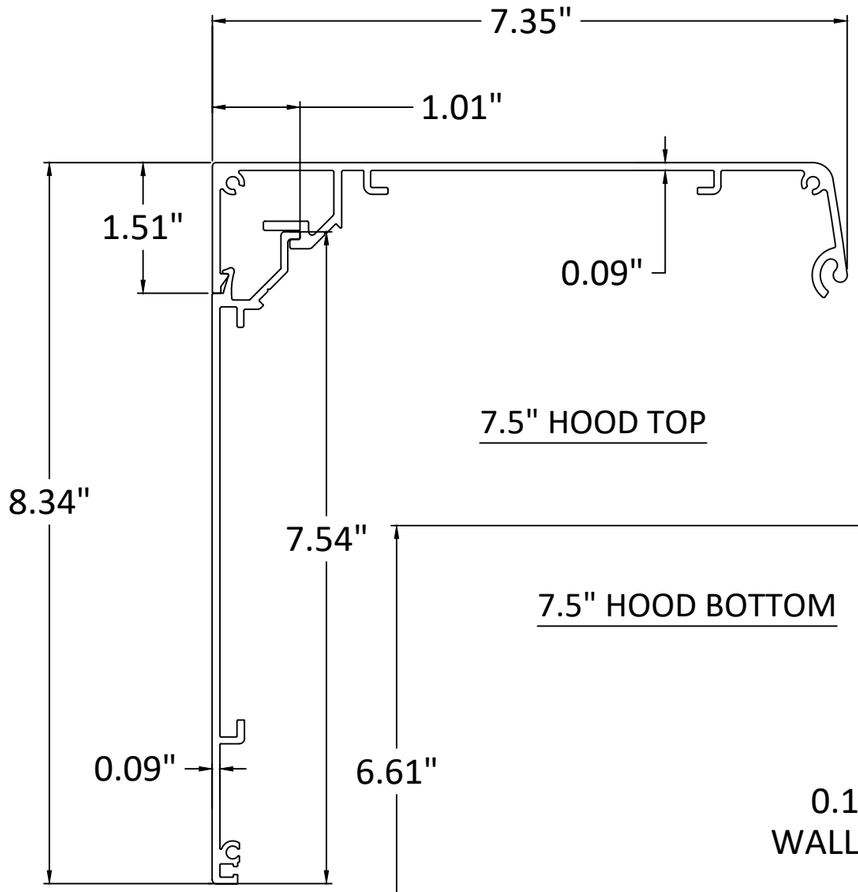
5.75" TUBE AND 7.5" EXTRUDED HOOD DETAILS

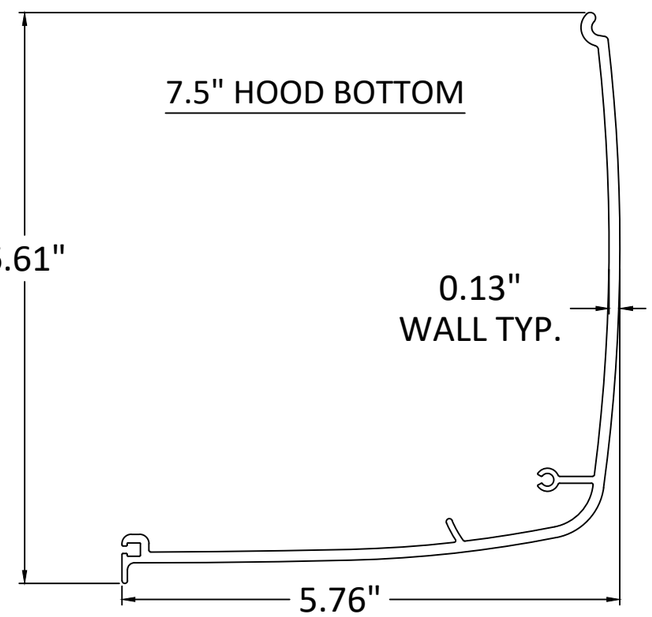


5.75" TUBE



60 MM OCTAGONAL TUBE





NOTE:
7.5" HOOD IS COMPATIBLE WITH 4" TUBE.

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT)*
5.75" TUBE & 7.5" EXTRUDED HOOD DETAILS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
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PH: (954)399-8478
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1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

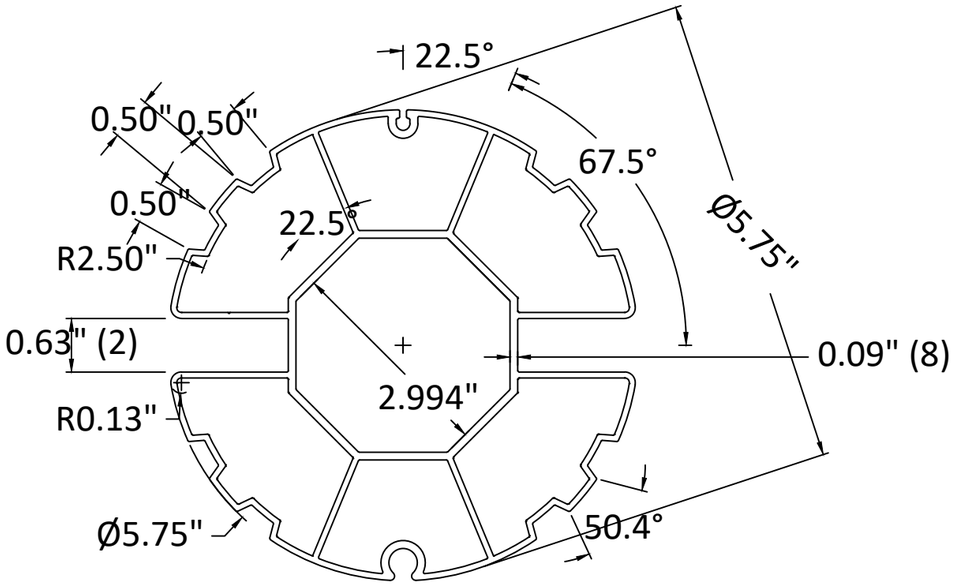
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SHEET: 25 OF 34

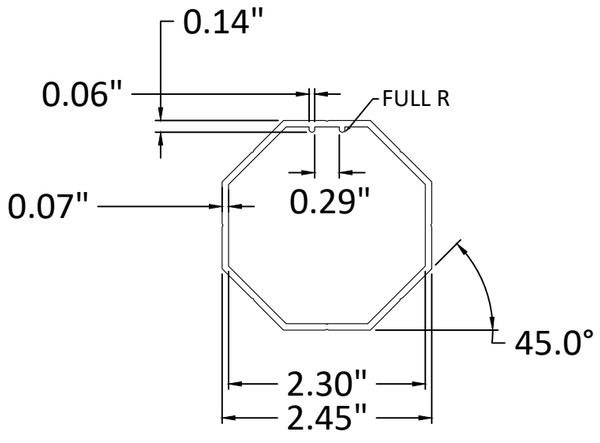
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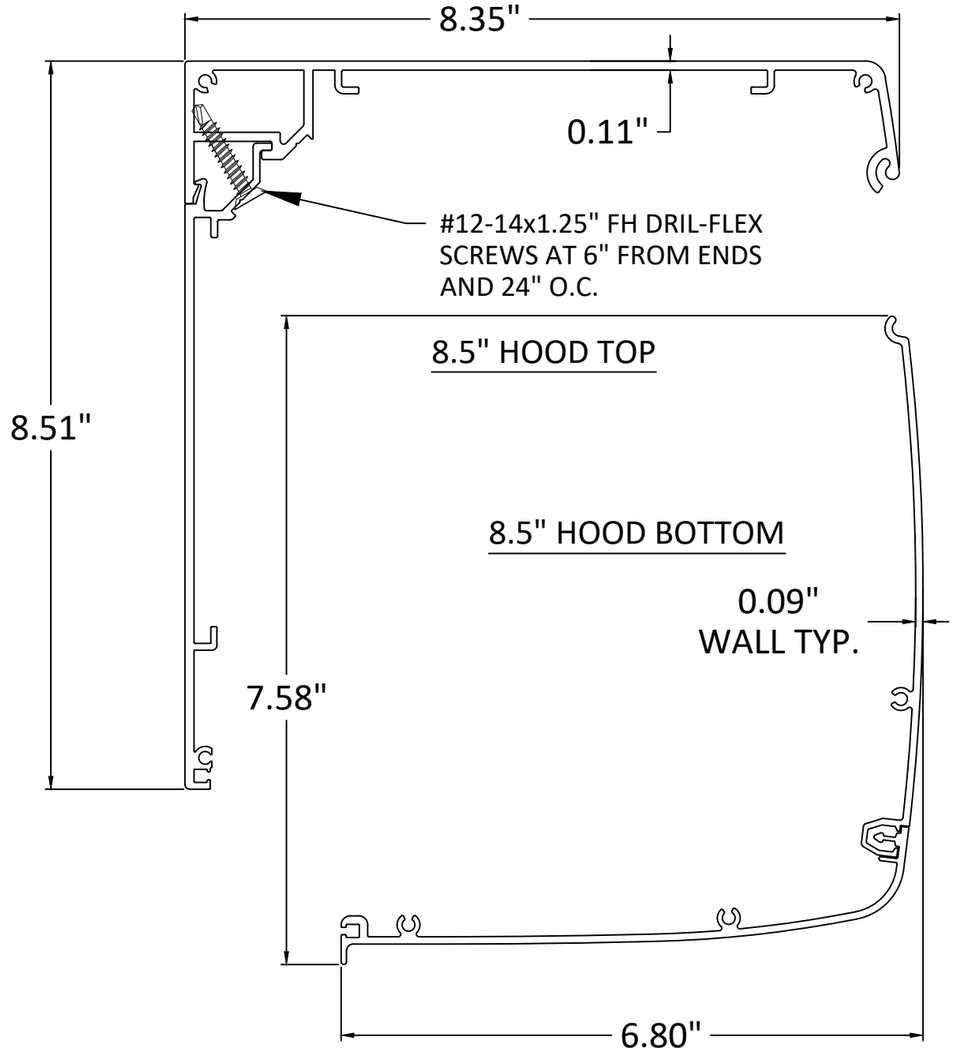
5.75" TUBE AND 8.5" EXTRUDED HOOD DETAILS



5.75" TUBE



60 MM OCTAGONAL TUBE



NOTE:
8.5" HOOD IS COMPATIBLE WITH 4" AND 6.5" TUBES.

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT)*
5.75" TUBE & 8.5" EXTRUDED HOOD DETAILS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

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HERMES F. NORIEGA III LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORIEGA III
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

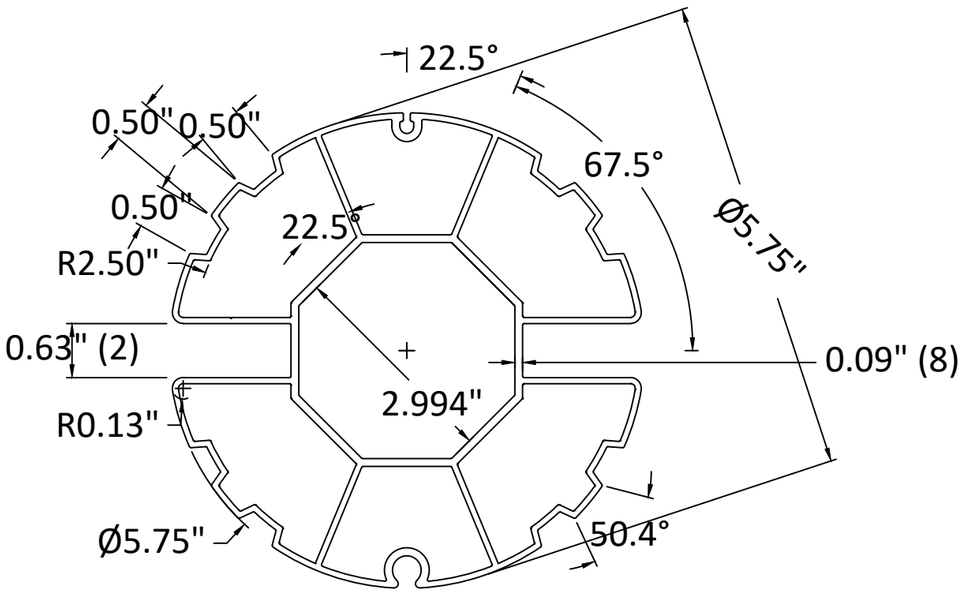
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DWG. #: PRG003

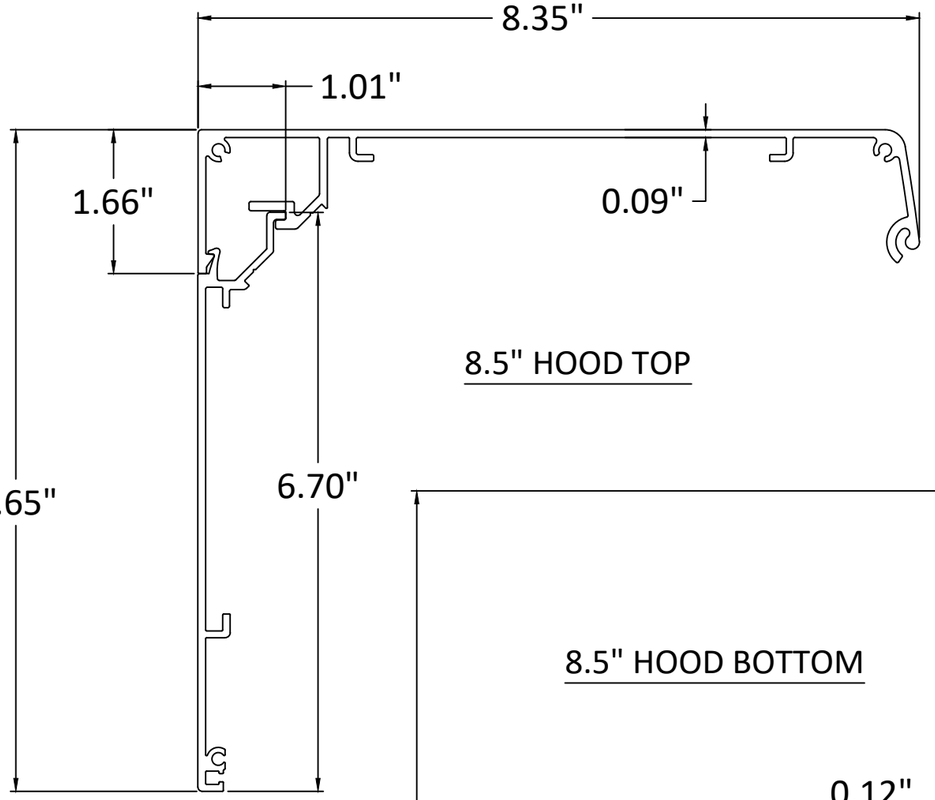
SHEET: 26 OF 34 | REV. E

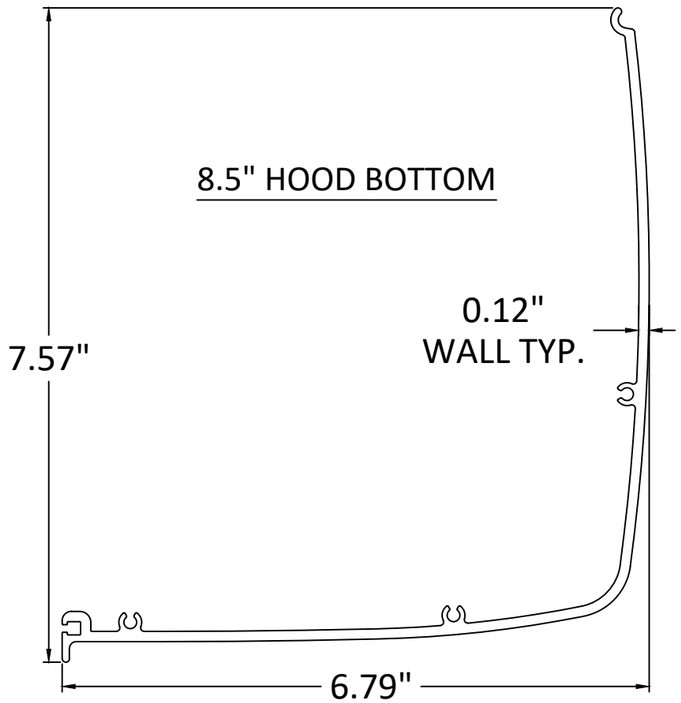
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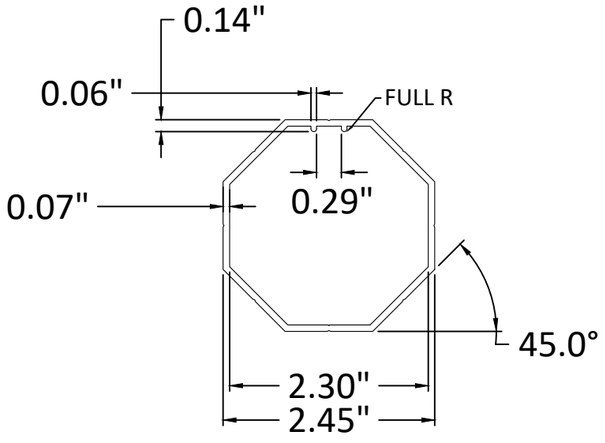
5.75" TUBE AND 8.5" EXTRUDED HOOD DETAILS



5.75" TUBE







60 MM OCTAGONAL TUBE

NOTE:
8.5" HOOD IS COMPATIBLE WITH 4" AND 6.5" TUBES.

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT)*
5.75" TUBE & 8.5" EXTRUDED HOOD DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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HERMES F. NORIEGA LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORIEGA III
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

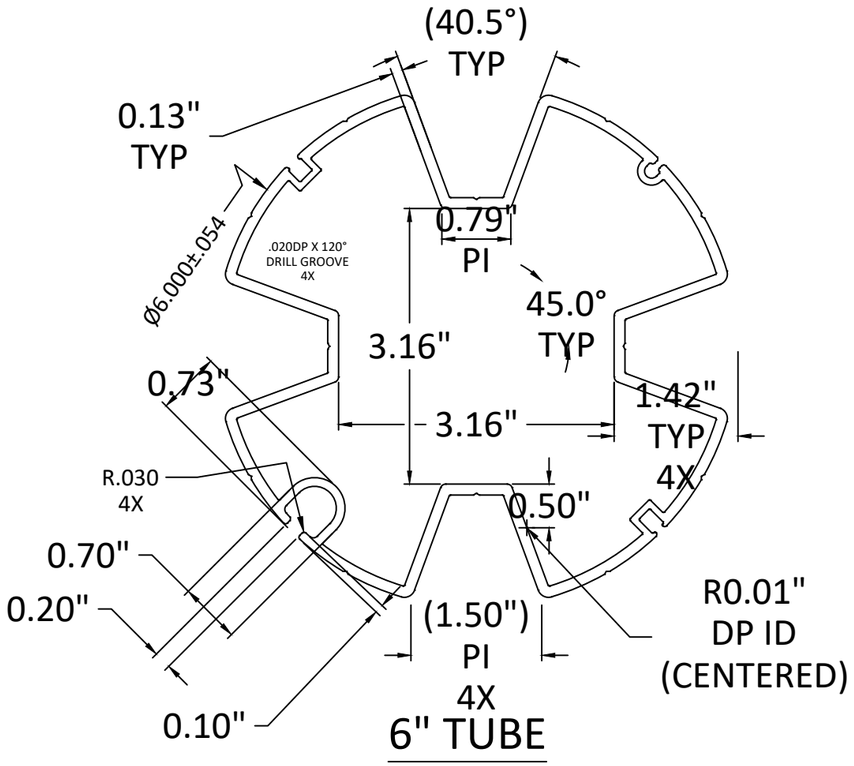
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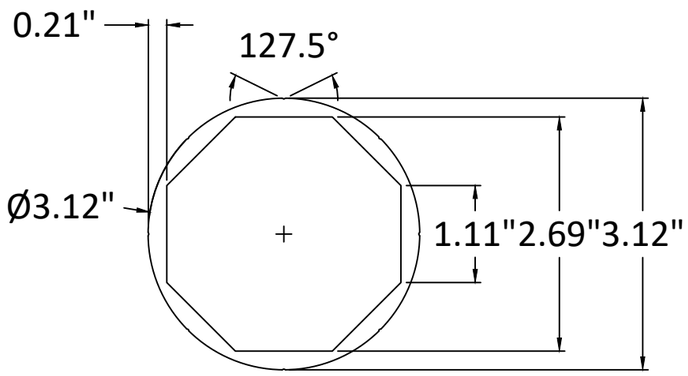
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6" TUBE AND 12" HOOD DETAILS

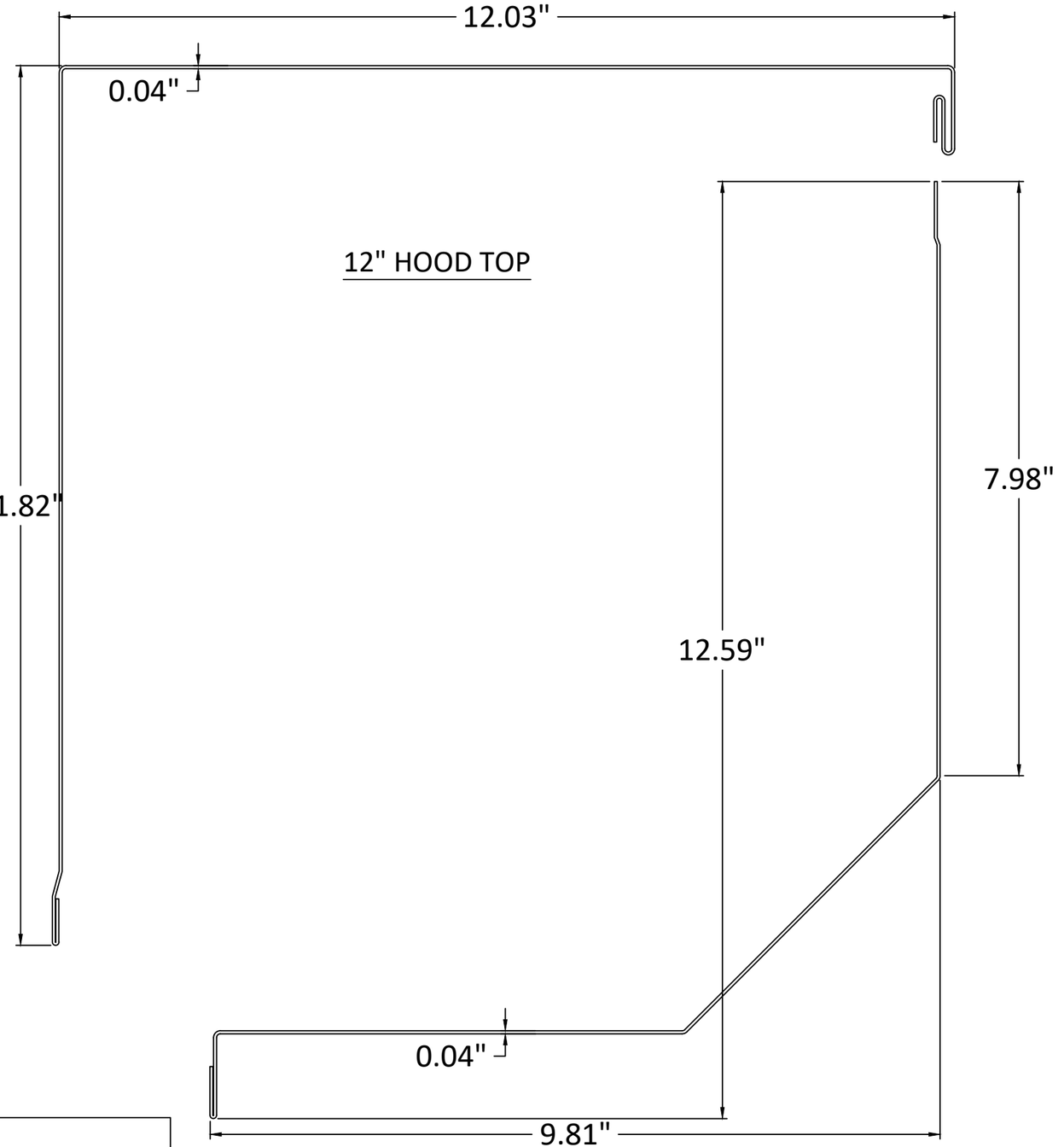


6" TUBE



60 MM OCTAGONAL TUBE

NOTE:
6" AND 6.5" TUBES ARE COMPATIBLE WITH 8", 10", OR 12" HOOD.



12" HOOD TOP

12" HOOD BOTTOM

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT)*
6" TUBE & 12" HOOD DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

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HERMES F. NORIEGA
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORIEGA III
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR

CHK. BY: HFN

SCALE: NTS

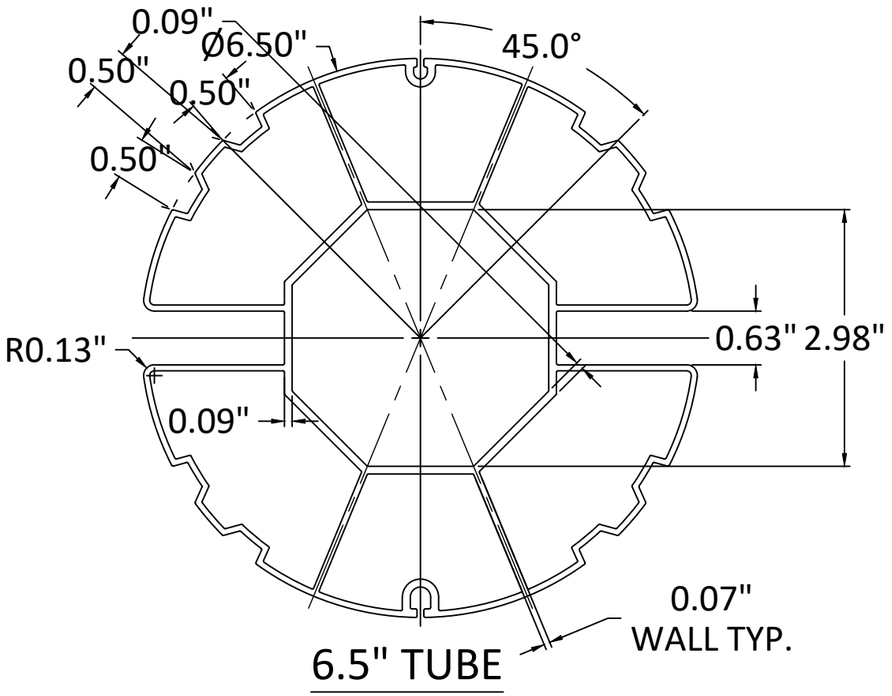
DWG. #: PRG003

SHEET: 28 OF 34

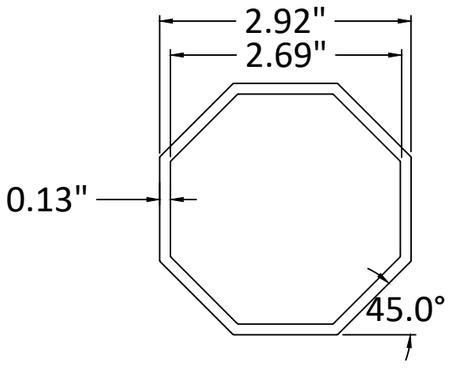
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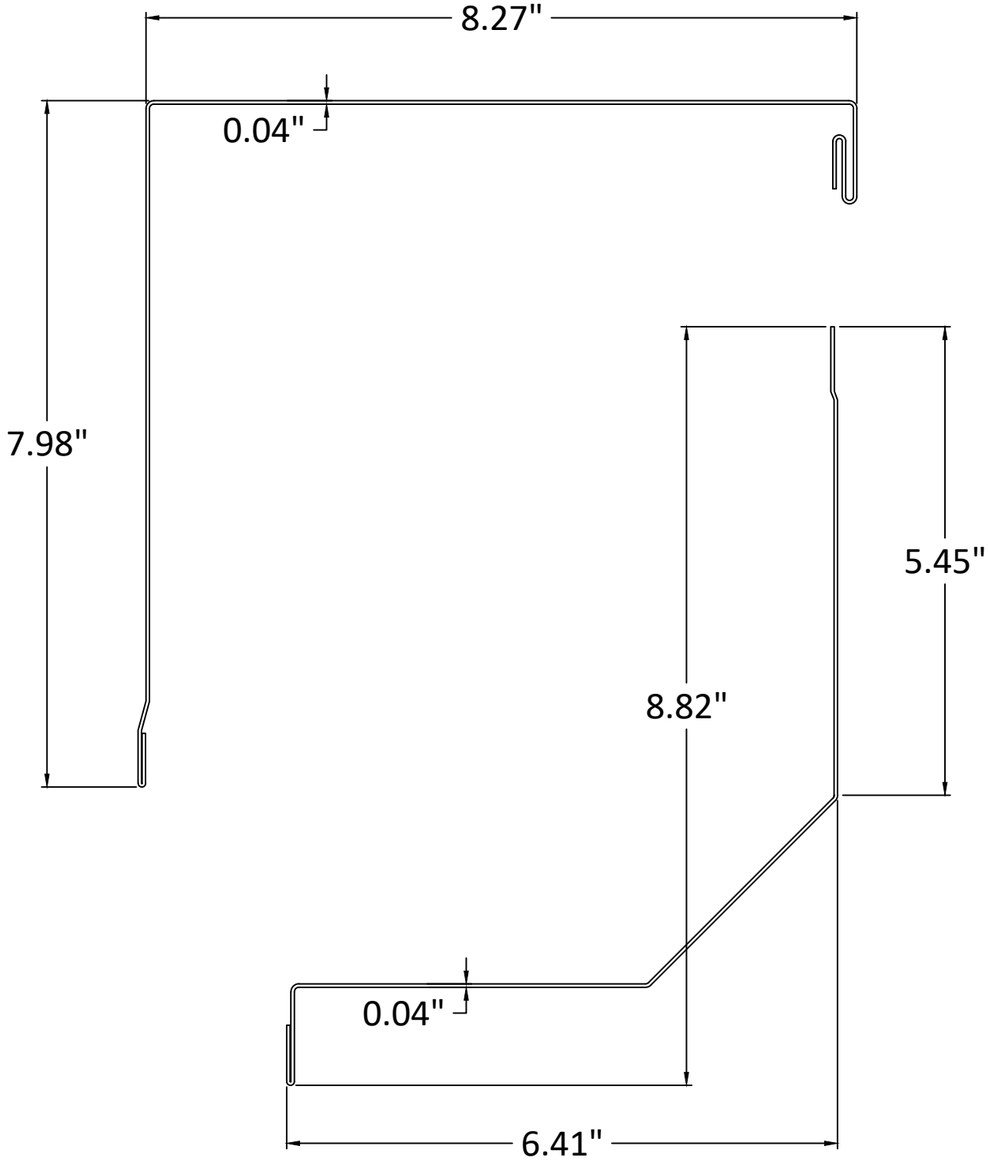
6.5" TUBE AND 8" HOOD DETAILS



6.5" TUBE



70 MM OCTAGONAL TUBE



NOTE:
6.5" TUBE IS COMPATIBLE WITH
7.5", 8", 10", OR 12" HOOD.

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT)*

6.5" TUBE & 7.5" HOOD DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

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FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR

CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

SHEET: 29 OF 34

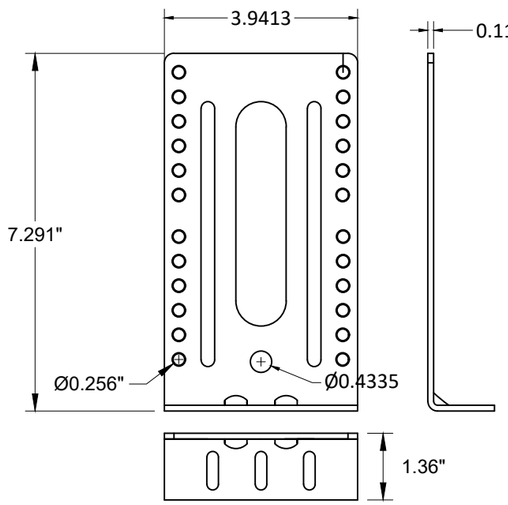
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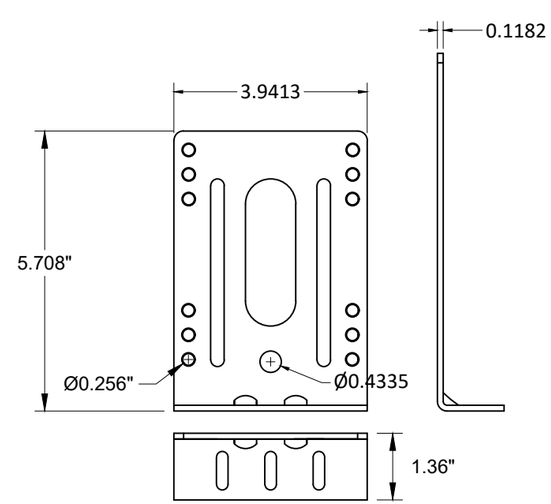
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MOUNTING BRACKETS

7" BRACKET



5" BRACKET

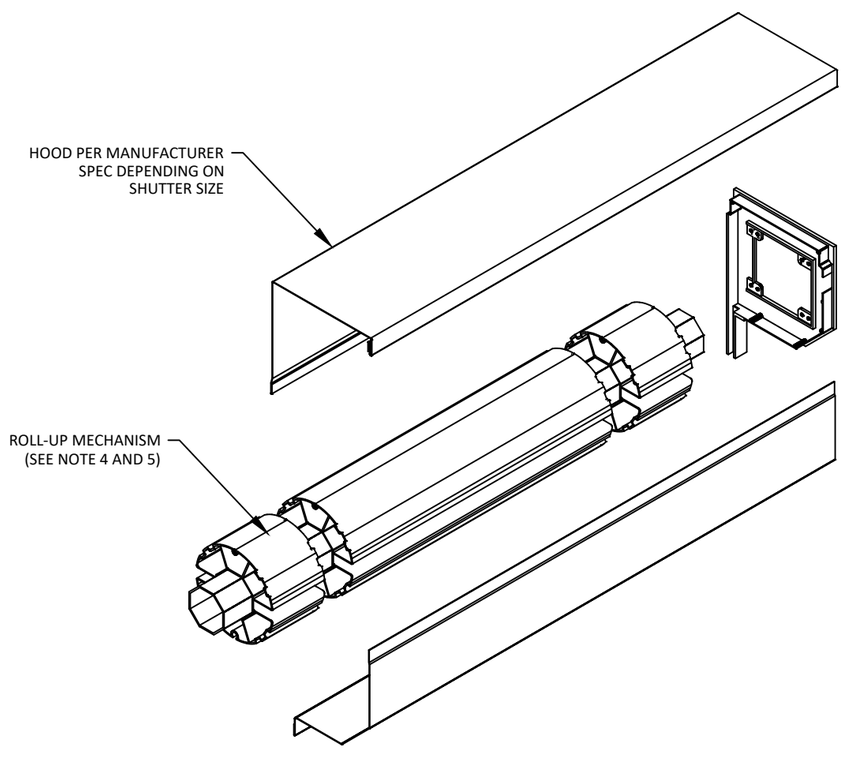


CONSTRUCTION NOTES

1. MAGNETS SPACED AT 16" FROM TOP OF TRACK THEN AT 16" O.C.
2. SCREEN FABRIC DESCRIPTION: A WOVEN SCREEN FABRIC USING .027" DIAMETER VINYL COATED 1500 DENIER POLYESTER YARNS IN THE WRAP DIRECTION AND .030" VINYL COATED 2,000D ARAMID YARNS OR UHMWPP YARNS IN THE FILL DIRECTION.
3. KEDER IS 4 MM (AT TRACKS) AND 5 MM (AT WEIGHT BAR) PVC CORD PROVIDED BY KEDER SOLUTIONS WITH A TENSILE STRENGTH OF 2100 PSI, WRAPPED AND WELDED WITH A DOUBLE FLAP KEDER USING STANDARD WEAVE FABRIC (WHITE OR BLACK) PROVIDED BY KEDER SOLUTIONS, WITH 64 MM WIDTH (AT TRACKS) AND 74 MM WIDTH (AT WEIGHT).
4. THE ROLL-UP MECHANISM (GEARS, MOTOR, SUPPORTING END PLATES, MOUNTING BRACKETS) ARE NOT A PART OF THIS APPROVAL AND SHALL BE SELECTED AND INSTALLED BASED ON SCREEN SIZE AND MANUFACTURER'S SPECIFICATIONS FOR PROPER OPERATION.
5. 4", 5.5, 6" OR 6.5" DIAMETER REEL TUBE PER MANUFACTURER SPECIFICATION
6. TUBULAR MOTOR MAY BE REPLACED WITH GEAR FOR MANUAL OPERATION.

FABRIC MATERIAL PROPERTIES				
PROPERTY	UNITS	STANDARD	ALLOWABLE	ACTUAL
SELF IGNITION TEMPERATURE	°F	D1929	>650	751
RATE OF BURN (CLASS C1)	IN/MIN	D635	< 1.0	0.0
SMOKE DENSITY	SDR	D2843	<75%	10.6%
ACCELERATED WEATHERING	PSI	G155 / D638	< 10%	7.8%

TYPICAL ROLL-UP MECHANISM



PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) CONSTRUCTION NOTES & HOOD ASSEMBLY*

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
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HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

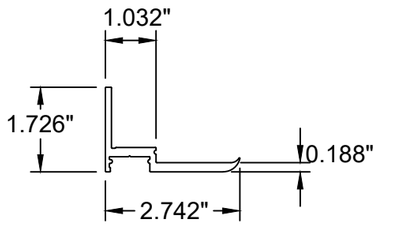
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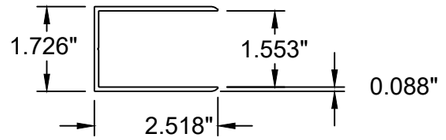
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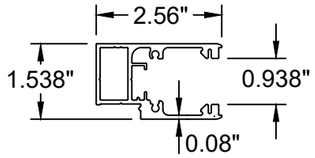
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	WALL MOUNT & BUILDOUT TRACK	-
2	INSET TRACK	-
3	TRACK HOUSING	-
4	SCREEN TRACK	-
5	WEIGHT BAR	-
6	5 1/2" HOOD CAP	-
7	6" EXTRUDED HOOD CAP	-
8	7 1/2" EXTRUDED HOOD CAP	-
9	8 1/2" EXTRUDED HOOD CAP	-
10	8" SL HOOD CAP	-
11	8" LL HOOD CAP	-
12	10" SL HOOD CAP	-
13	10" LL HOOD CAP	-
14	12" HOOD CAP	-
15	RETAINER CLIP	-
16	7 1/2" EXTRUDED HOOD CAP	-
17	7 1/2" EXTRUDED HOOD CAP	-
18	8 1/2" EXTRUDED HOOD CAP	-
19	ALTERNATE SCREEN TRACK	-



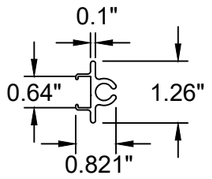
1 WALL MOUNT AND BUILDOUT TRACK



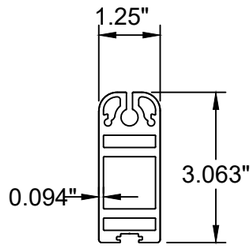
2 INSET TRACK



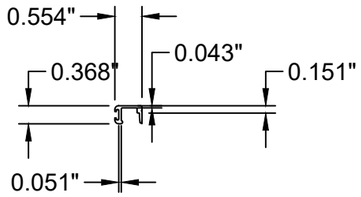
3 TRACK HOUSING



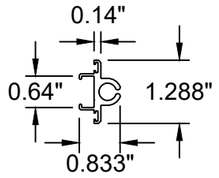
4 SCREEN TRACK



5 WEIGHT BAR



15 RETAINER CLIP



19 ALTERNATE SCREEN TRACK

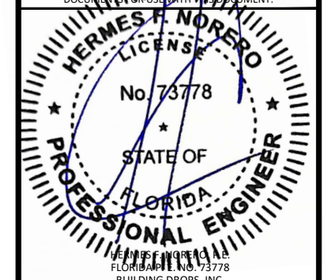
PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT)*
BOM & COMPONENTS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
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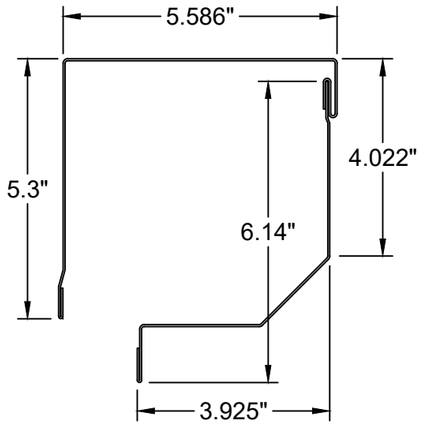
DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

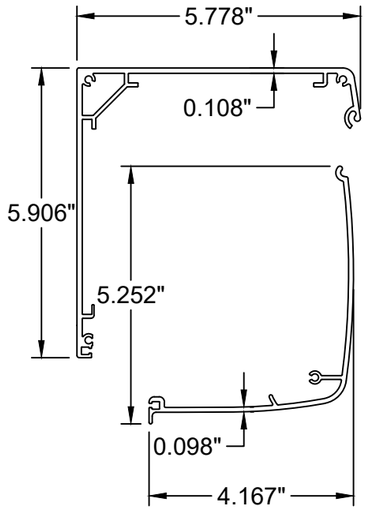
DWG. #: PRG003

SHEET: 31 OF 34 | REV. E

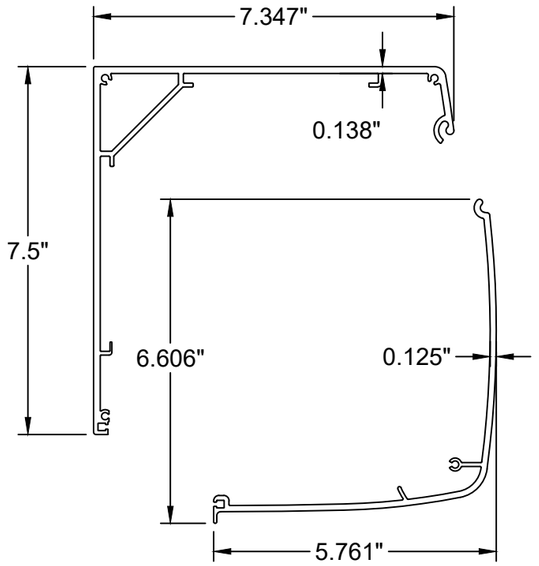
HOOD OPTIONS



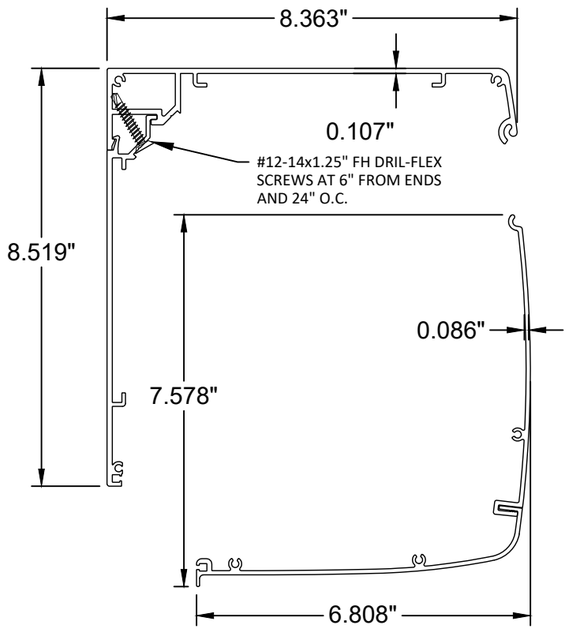
6 5 1/2" HOOD CAP



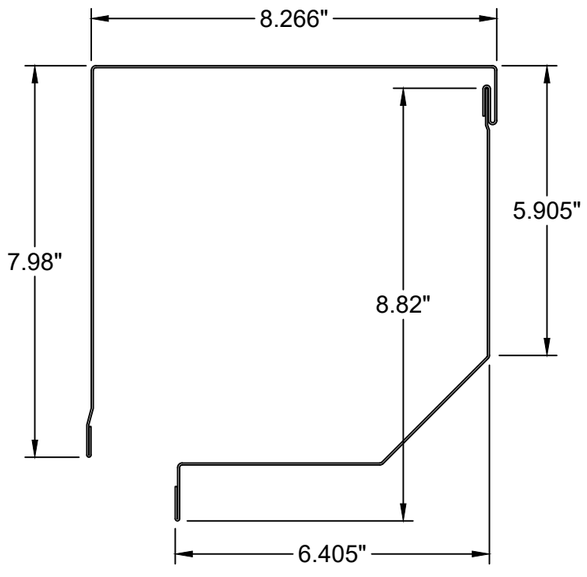
7 6" EXTRUDED HOOD CAP



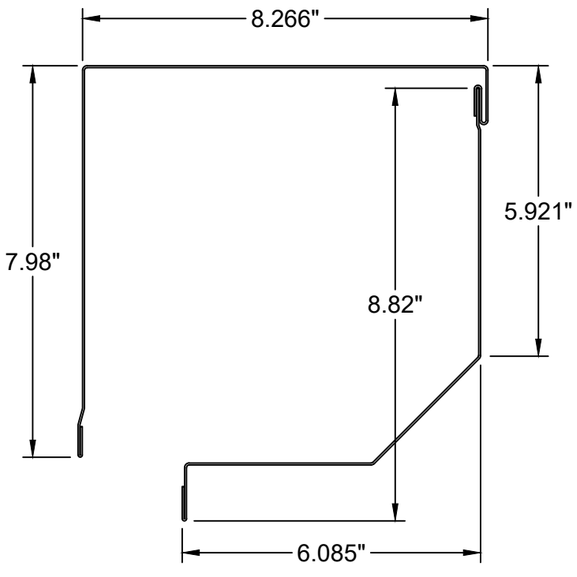
8 7 1/2" EXTRUDED HOOD CAP



9 8 1/2" EXTRUDED HOOD CAP



10 8" (SL) HOOD CAP



11 8" (LL) HOOD CAP

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) HOOD OPTIONS*

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
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HERMES F. NORIEGA V LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORIEGA V
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
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DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

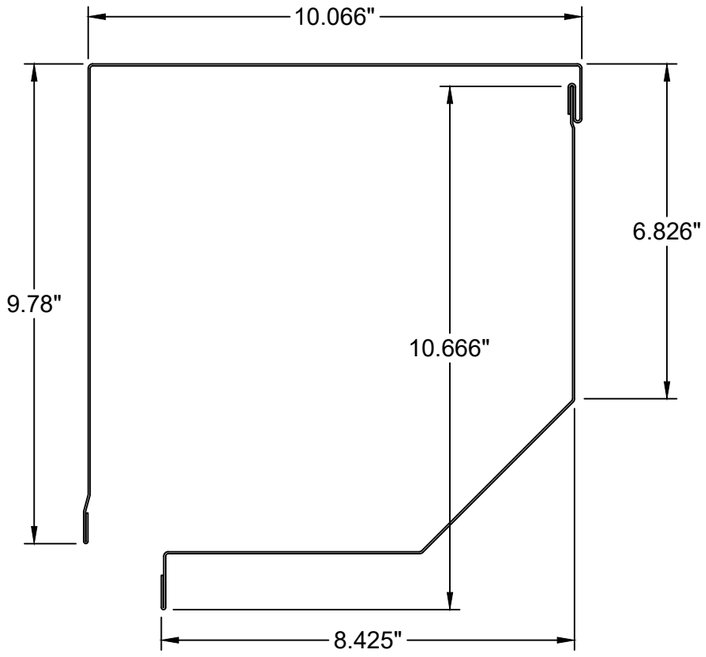
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DWG. #: PRG003

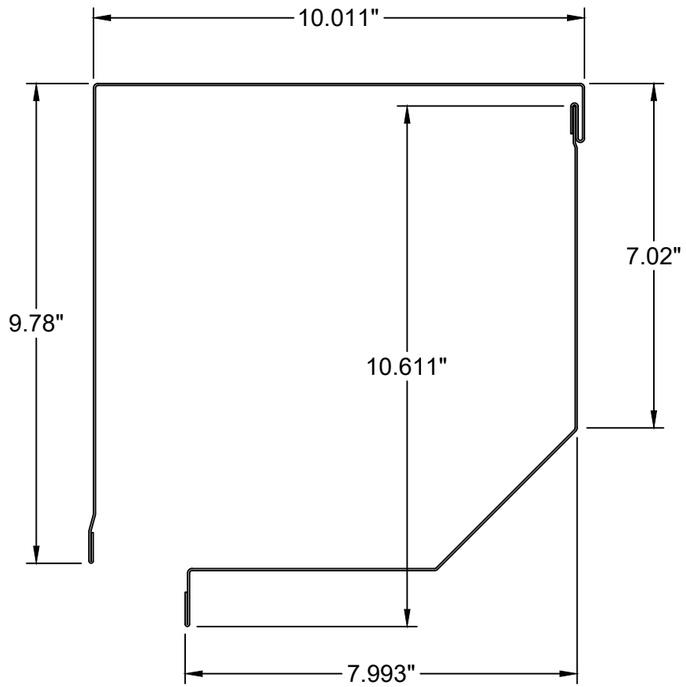
SHEET: 32 OF 34 | REV. E

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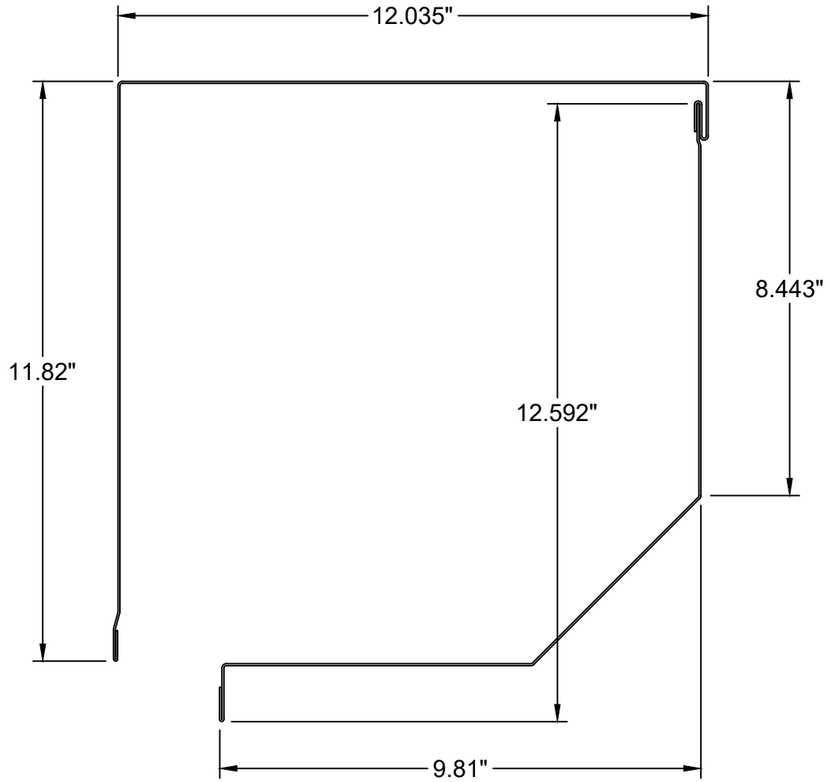
HOOD OPTIONS (CONT)



12 10" (SL) HOOD CAP



13 10" (LL) HOOD CAP



14 12" HOOD CAP

PROGRESSIVE SCREENS
7839 FRUITVILLE ROAD
SARASOTA, FLORIDA 34240
PH: 866-802-0400

TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) HOOD OPTIONS (CONT)*

PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPDATE	SM	9/26/23
HOOD UPDATE	DI	6/20/25
2026 FBC UPDATE	LS	2/26/26

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.

HERMES F. NORERO LICENSE No. 73778 STATE OF FLORIDA PROFESSIONAL ENGINEER

HERMES F. NORERO
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT #2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION NO. 29578

FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR | CHK. BY: HFN

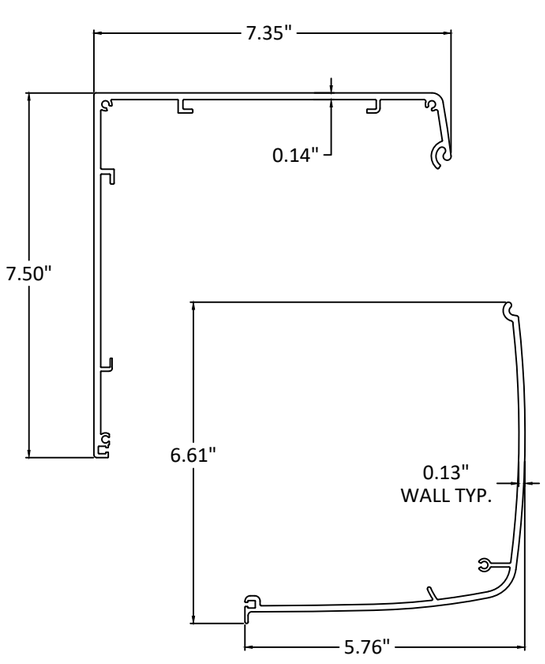
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DWG. #: PRG003

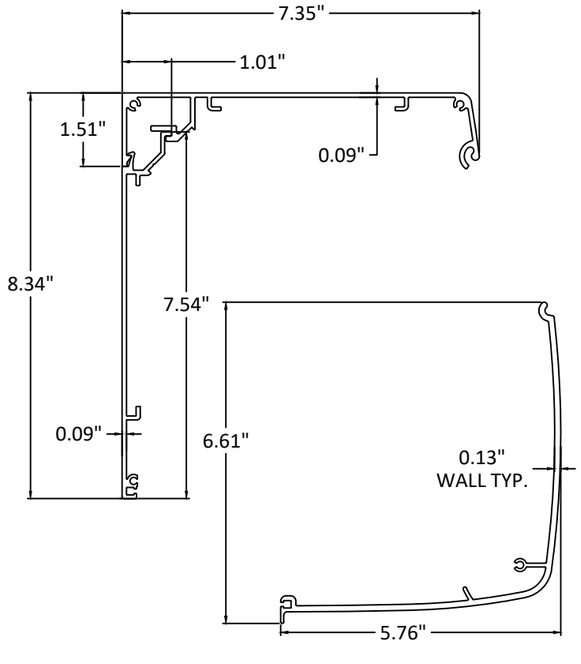
SHEET: 33 OF 34 | REV. E

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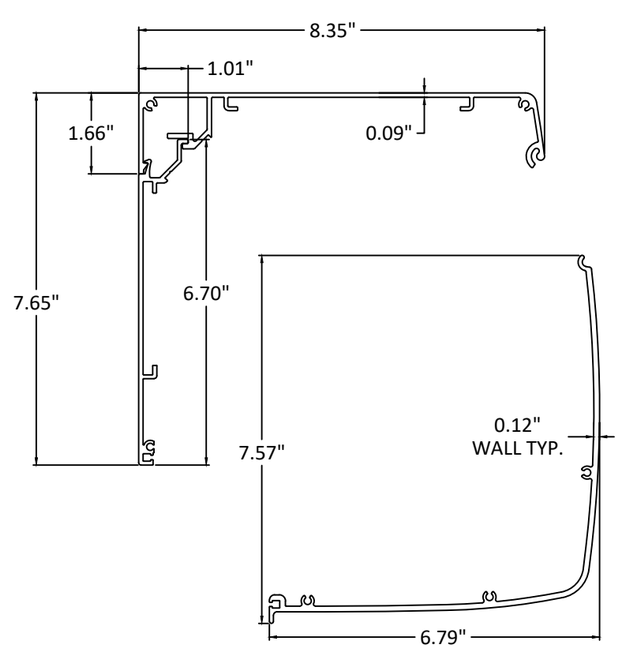
HOOD OPTIONS (CONT)



16 7 1/2" EXTRUDED HOOD CAP



17 7 1/2" EXTRUDED HOOD CAP



18 8 1/2" EXTRUDED HOOD CAP

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TITLE: *MAGNATRACK HURRICANE SYSTEM FABRIC ROLL SHUTTER (HVHZ) (IMPACT) HOOD OPTIONS (CONT)*

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DWG. BY: SM/AR | CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

SHEET: 34 OF 34 | REV. E

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