

# PROGRESSIVE SCREENS

## MAGNATRACK HURRICANE SYSTEM

### FABRIC ROLL SHUTTER

#### (HVHZ) (IMPACT)



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



**GENERAL NOTES:**

- 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 E330-14
  - ASTM E1886-13
  - ASTM E1996-14
- 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.
- 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- INSTALLATION OF ROLL DOWN MAY EITHER BE INSIDE OR OUTSIDE OF THE TIE BEAM.
- ALL EXTRUSION MATERIAL: 6063-T6 ALUMINUM ALLOY, UNLESS OTHERWISE NOTED.
- DESIGN AND OPERATION OF ROLL UP MECHANISM IS NOT PART OF THIS APPROVAL, MANUFACTURER SPECIFICATIONS SHOULD BE FOLLOWED. CARE SHOULD BE TAKEN WHEN SHUTTER IS IN MOTION ENSURING THAT PERSONAL INJURY OR DAMAGE TO THIS PRODUCT DOES NOT OCCUR.
- FOR DESIGN PRESSURES SEE SHEET 2. SEE SHEETS 16, 18 AND 19 FOR DESIGN PRESSURES BASED ON MULLIONS.
- HOOD ASSEMBLY IS IMPACT RATED AND CAN BE PLACED INSIDE FRAME OPENING AS AN EXPOSED FEATURE.
- SHUTTER MANUFACTURER LABEL SHALL BE LOCATED IN A READILY VISIBLE LOCATION, PER FBC CHAPTER 17.

**INSTALLATION NOTES:**

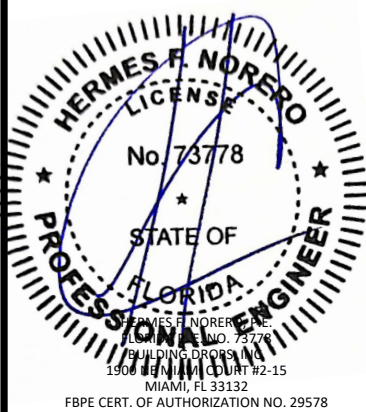
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- REFER TO ANCHOR SCHEDULE CHARTS ON SHEETS 7, 8, 10, 13, 17, AND 20 FOR ANCHOR TYPE, SUBSTRATE TYPE, EDGE DISTANCE AND MINIMUM EMBEDMENT.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- ASSEMBLY FASTENERS SHALL BE COATED WITH A HV COATING SYSTEM AS MANUFACTURED BY AN APPROVED COATING APPLICATOR.
- EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
  - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
  - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
  - GROUT FILLED MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MIN 2000 PSI.
  - STEEL - MINIMUM A36, 3/16" THICKNESS
  - ALUMINUM - MINIMUM 6063-T6 1/4" THICKNESS.

**TABLE OF CONTENTS**

SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATIONS & DESIGN PRESSURES
3	TYPICAL SINGLE UNIT HORIZONTAL SECTIONS
4	TYPICAL SINGLE UNIT HORIZONTAL SECTIONS
5	MULTIPLE UNITS - HORIZONTAL SECTIONS
6	TYP. VERTICAL SECTIONS
7	WALL MOUNT HORIZONTAL SECTIONS/ANCHOR SCHEDULE
8	BUILD OUT HORIZONTAL SECTIONS/ANCHOR SCHEDULE
9	WALL MOUNT & BUILD OUT ANCHOR SCHEDULE / SPACING
10	INSET MOUNT HORIZONTAL SECTION - ANCHOR SCHEDULE
11	INSET MOUNT - ANCHOR SCHEDULE
12	INSET MOUNT - ANCHOR SCHEDULE
13	RECESSED MOUNT HORIZONTAL SECTION - ANCHOR SCHEDULE
14	RECESSED MOUNT - ANCHOR SCHEDULE
15	RECESSED MOUNT - ANCHOR SCHEDULE
16	EQUALLY SPACED MULLIONS
17	EQUALLY SPACED MULLION ANCHORS
18	END MULLIONS
19	CORNER MULLIONS
20	END MULL/ CORNER MULLION CONNECTIONS
21	4" TUBE & 5.5" HOOD DETAILS
22	4" TUBE & 6" EXTRUDED HOOD DETAILS
23	5.75" TUBE & 7.5" EXTRUDED HOOD DETAILS
24	5.75" TUBE & 7.5" EXTRUDED HOOD DETAILS
25	5.75" TUBE & 7.5" EXTRUDED HOOD DETAILS
26	5.75" TUBE & 8.5" EXTRUDED HOOD DETAILS
27	5.75" TUBE & 8.5" EXTRUDED HOOD DETAILS
28	6" TUBE & 12" HOOD DETAILS
29	6.5" TUBE & 7.5" EXTRUDED HOOD DETAILS
30	CONSTRUCTION NOTES AND HOOD ASSEMBLY
31	BILL OF MATERIALS & COMPONENTS
32	HOOD OPTIONS
33	HOOD OPTIONS (CONT.)
34	HOOD OPTIONS (CONT.)

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

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.



FL#: **FL30798**

DATE: **10.15.19**

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

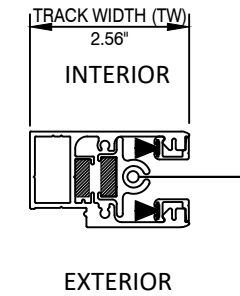
SCALE: **NTS**

DWG. #: **PRG003**

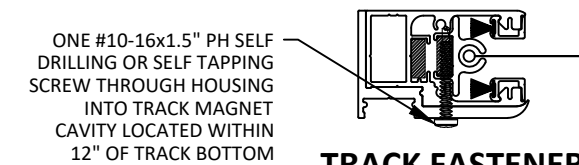
SHEET: **1** OF 34

# DESIGN PRESSURE RATINGS

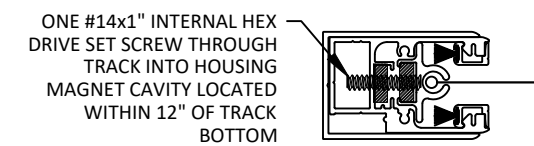
FRAME WIDTH	POSITIVE	NEGATIVE
360.0	35.0	35.0
320.0	40.0	40.0
300.0	45.0	45.0
264.0	50.0	50.0
240.0	60.0	60.0
216.0	66.7	66.7
192.0	85.0	85.0
168.0	110.0	110.0
144.0	130.0	130.0
132.0	140.0	140.0
120.0	155.0	155.0
108.0	165.0	165.0
96.0	175.0	175.0
84.0	185.0	185.0
72.0	200.0	200.0



## HOUSING AND TRACK ASSEMBLY



### TRACK FASTENER REQUIREMENT DETAIL (USED ON WALL AND BUILD OUT INSTALLATIONS)



### TRACK FASTENER REQUIREMENT DETAIL (USED ON INSET INSTALLATIONS)

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.



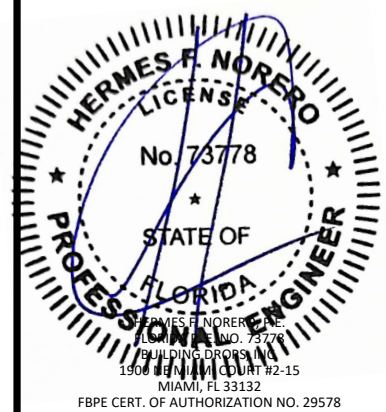
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

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

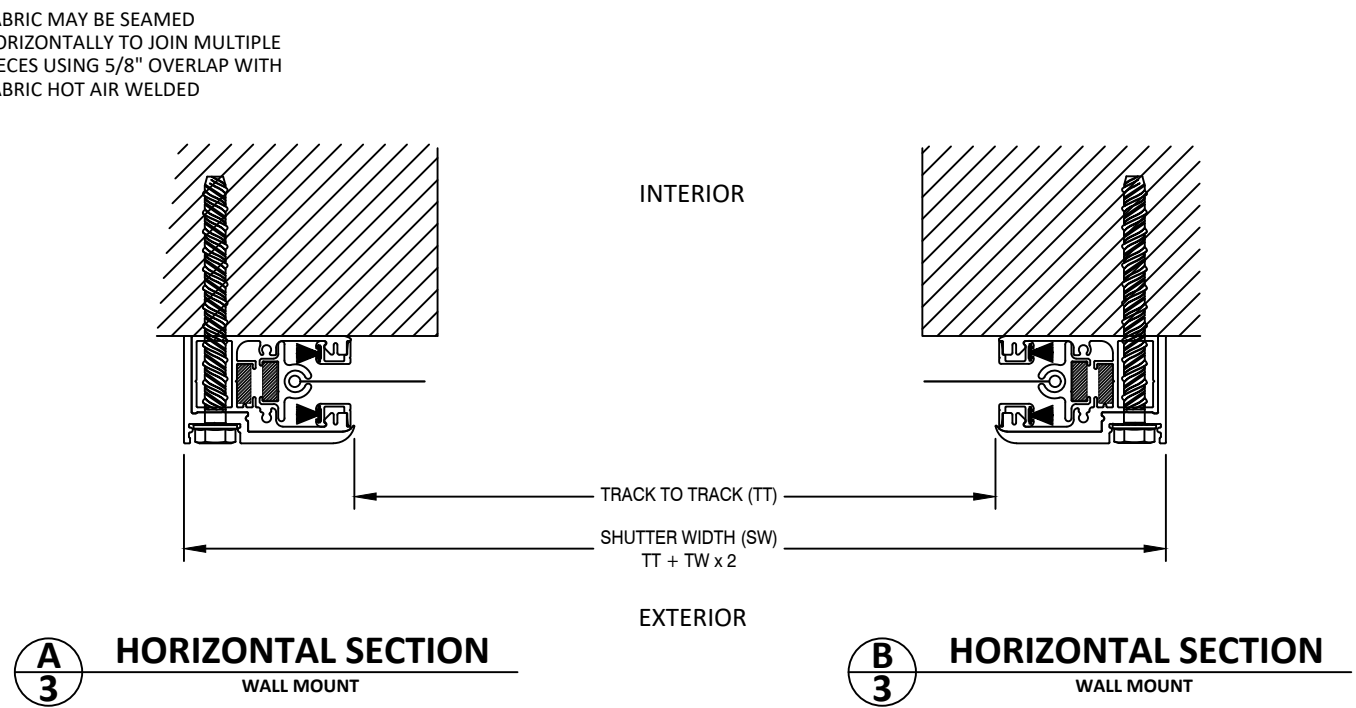
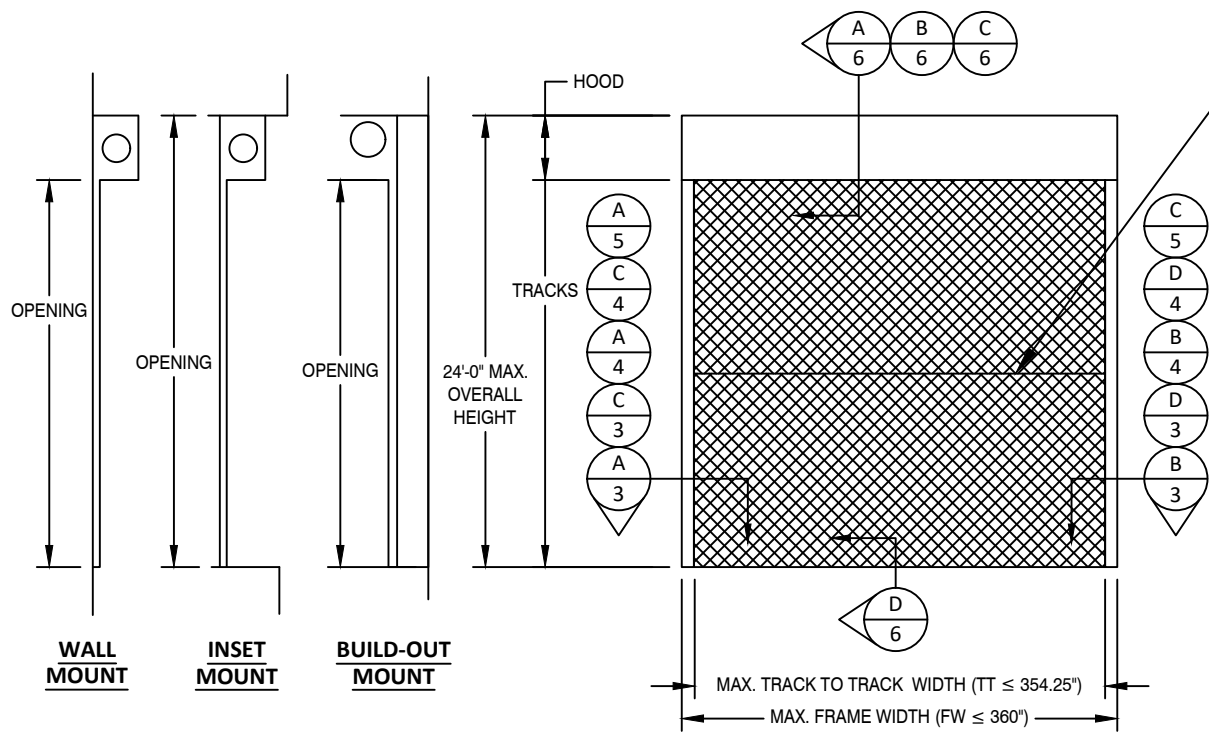
SCALE: **NTS**

DWG. #: **PRG003**

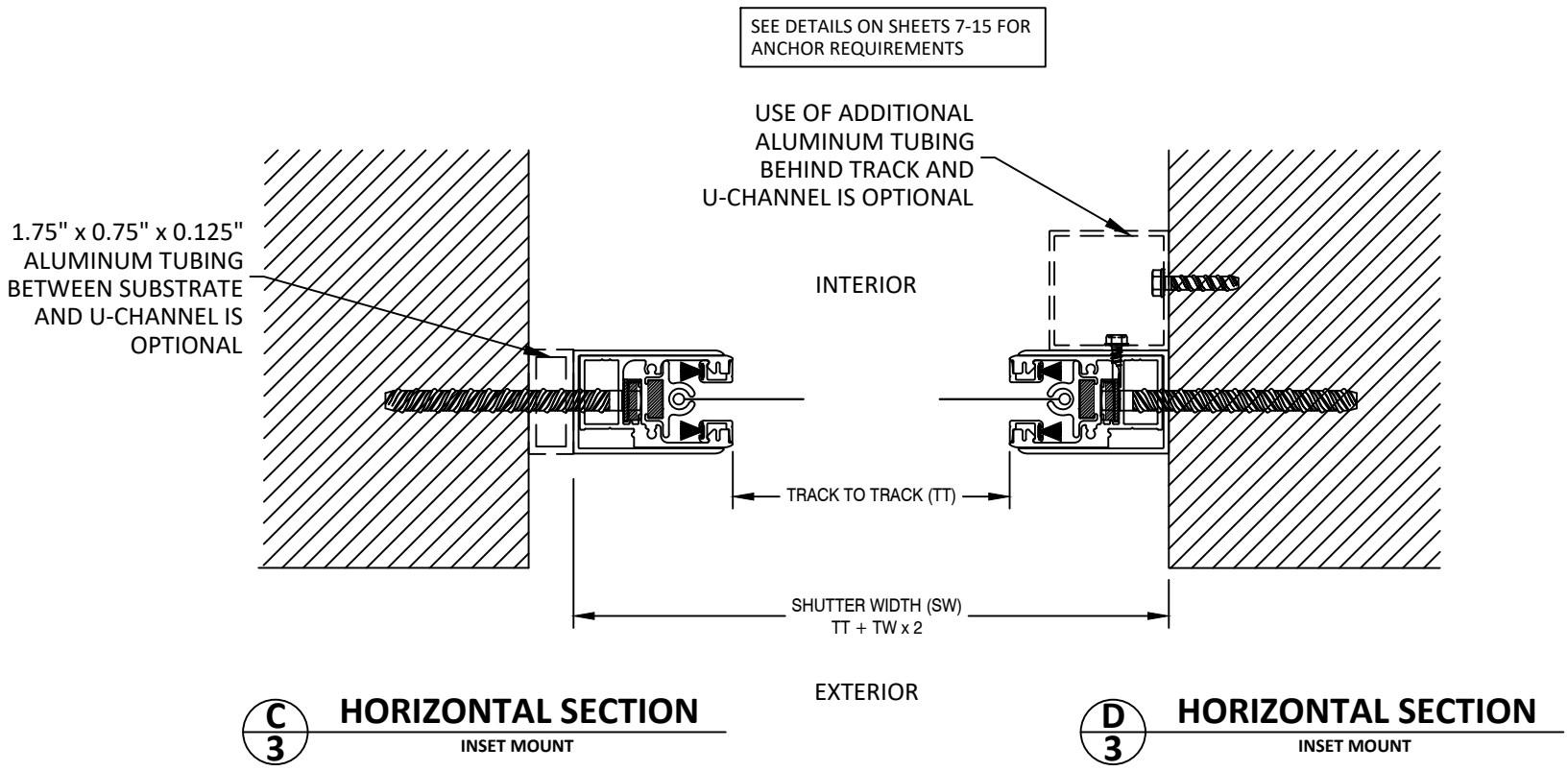
SHEET: **2** OF 34

7/30/2025 7:01 PM  
 c:\users\dylanwata\building\_drops, inc\building\_drops landing - common\projects\progressive screens\fbc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwg\prg003.dwg

# TYPICAL SINGLE UNIT ELEVATION WALL AND INSET MOUNT DETAILS



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



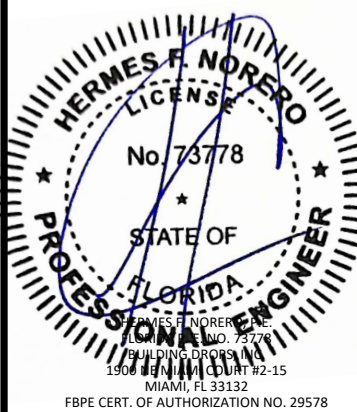
PROGRESSIVE SCREENS  
 7839 FRUITVILLE ROAD  
 SARASOTA, FLORIDA 34240  
 PH: 866-802-0400

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

PREPARED BY:  
**B.D.** BUILDING DROPS  
 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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

DWG. BY: <b>SM/AR</b>	CHK. BY: <b>HFN</b>
--------------------------	------------------------

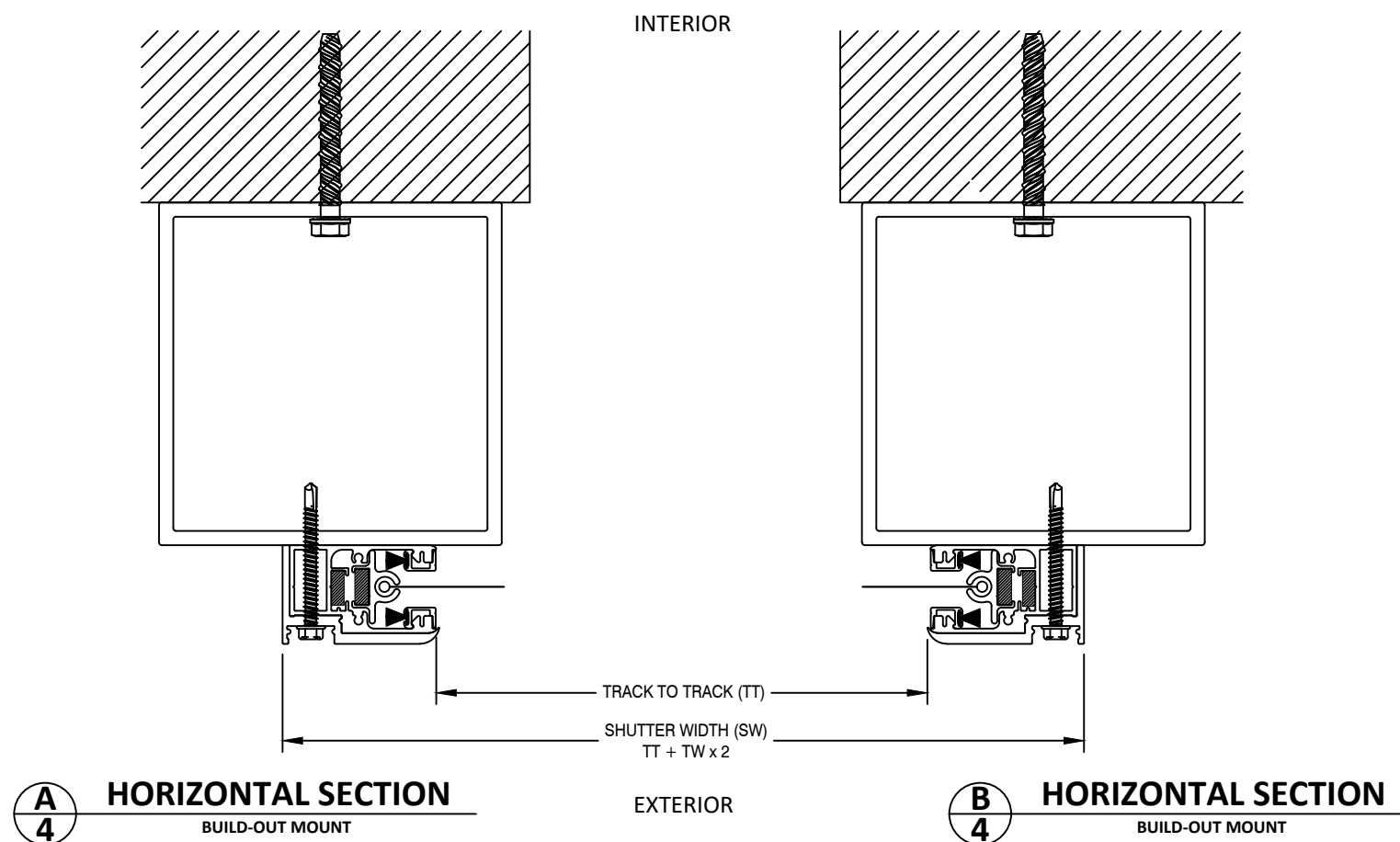
SCALE: **NTS**

DWG. #: **PRG003**

SHEET: **3** OF 34

7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops\_landing - common\projects\progressive screens\fbc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg

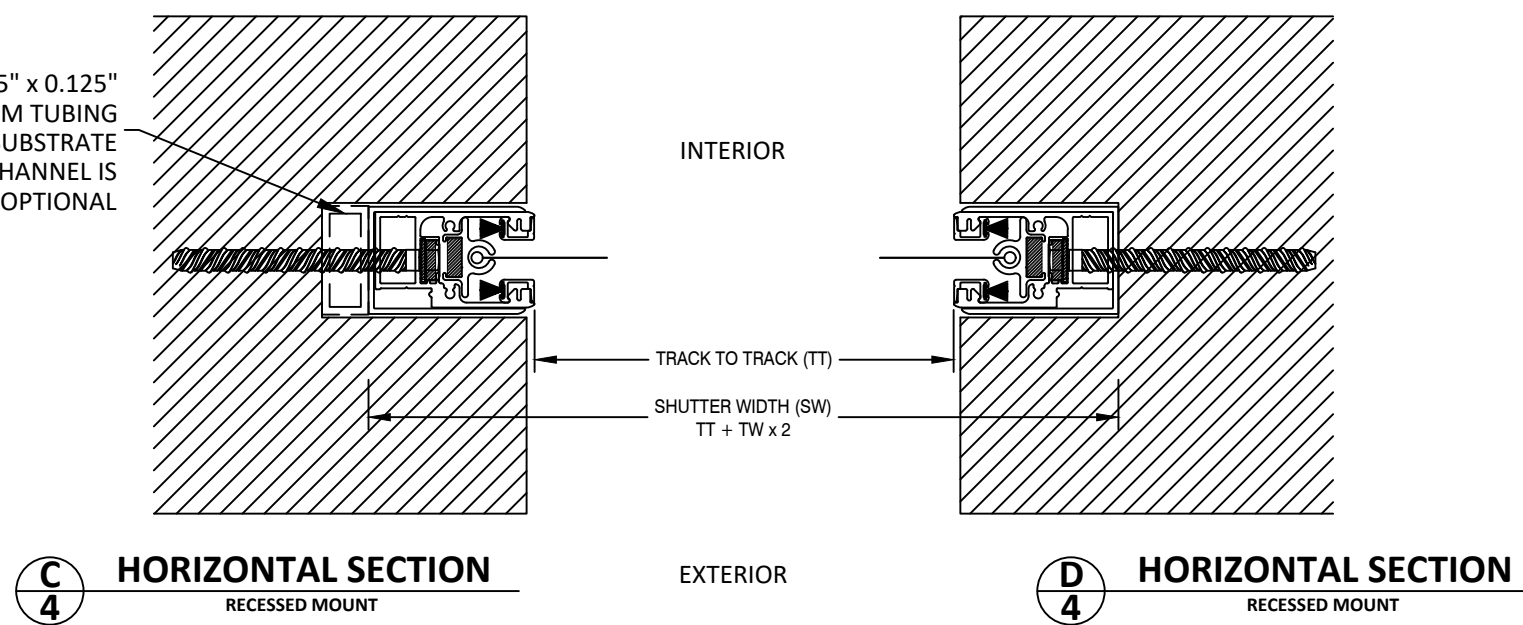
## BUILD OUT MOUNT DETAILS RECESSED MOUNT DETAILS



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

1.75" x 0.75" x 0.125"  
ALUMINUM TUBING  
BETWEEN SUBSTRATE  
AND U-CHANNEL IS  
OPTIONAL



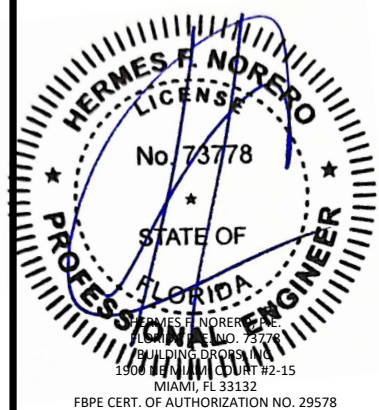
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

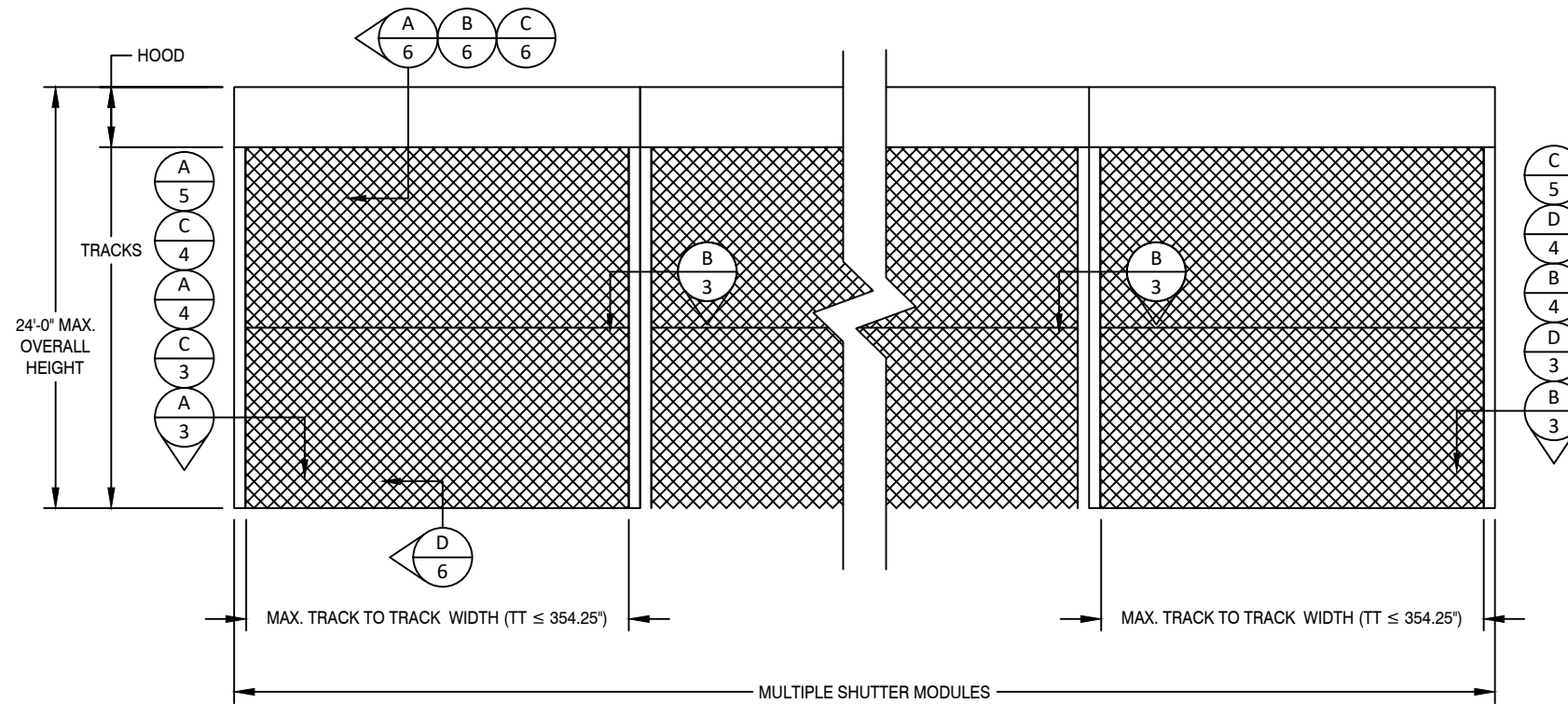
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



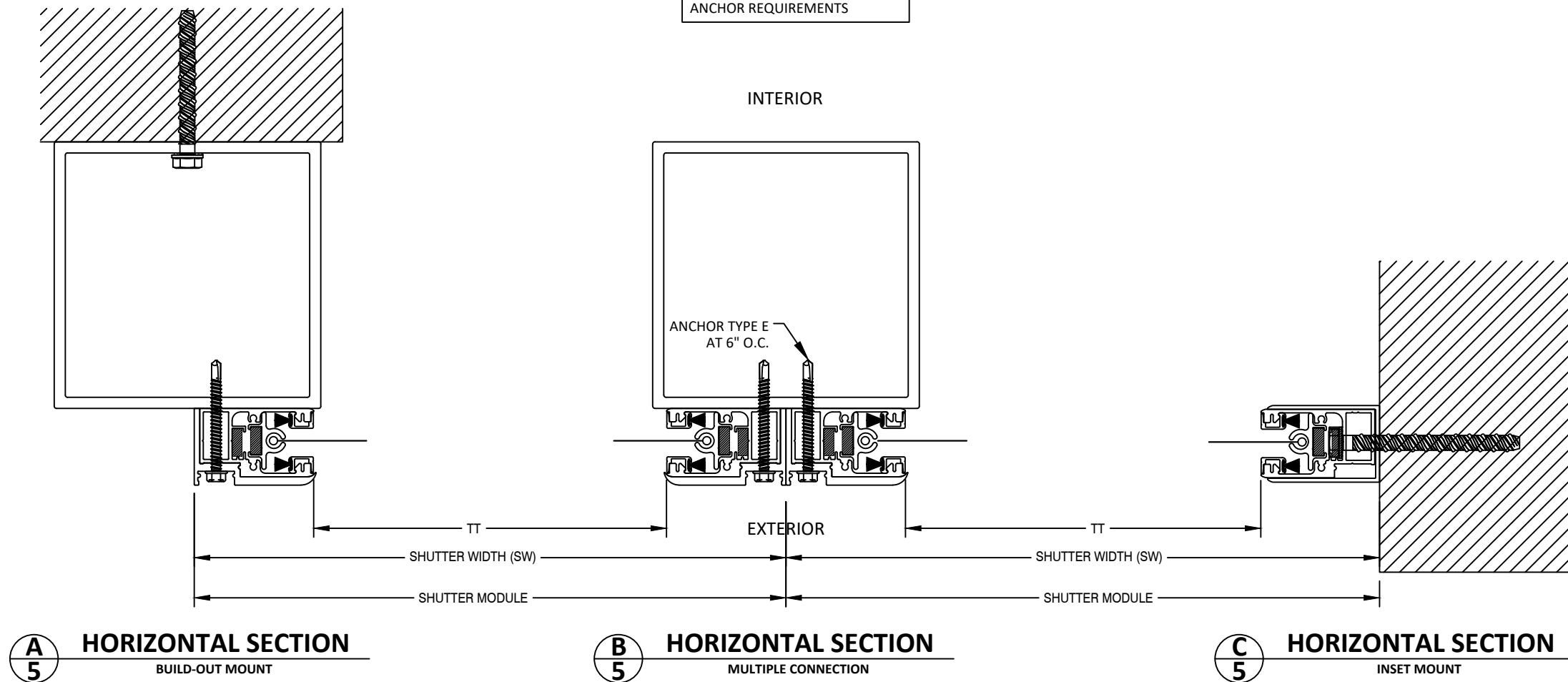
FL#: **FL30798**  
DATE: 10.15.19  
DWG. BY: SM/AR    CHK. BY: HFN  
SCALE: NTS  
DWG. #: PRG003  
SHEET:                      OF 34

7/30/2025 7:01 PM  
c:\users\dylanwata\building drops, inc\building drops landing - common\projects\progressive screens\flc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg

# TYPICAL MULTIPLE UNITS ELEVATION



SEE DETAILS ON SHEETS 7-15 FOR ANCHOR REQUIREMENTS



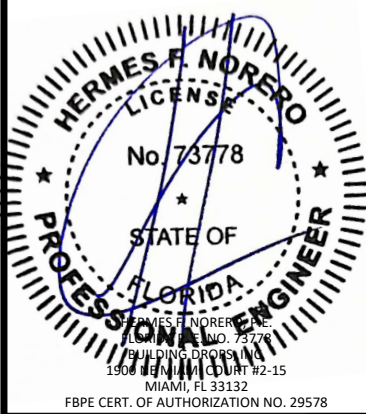
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER  
(HVHZ) (IMPACT)  
MULTIPLE UNITS  
HORIZONTAL SECTIONS

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: 10.15.19

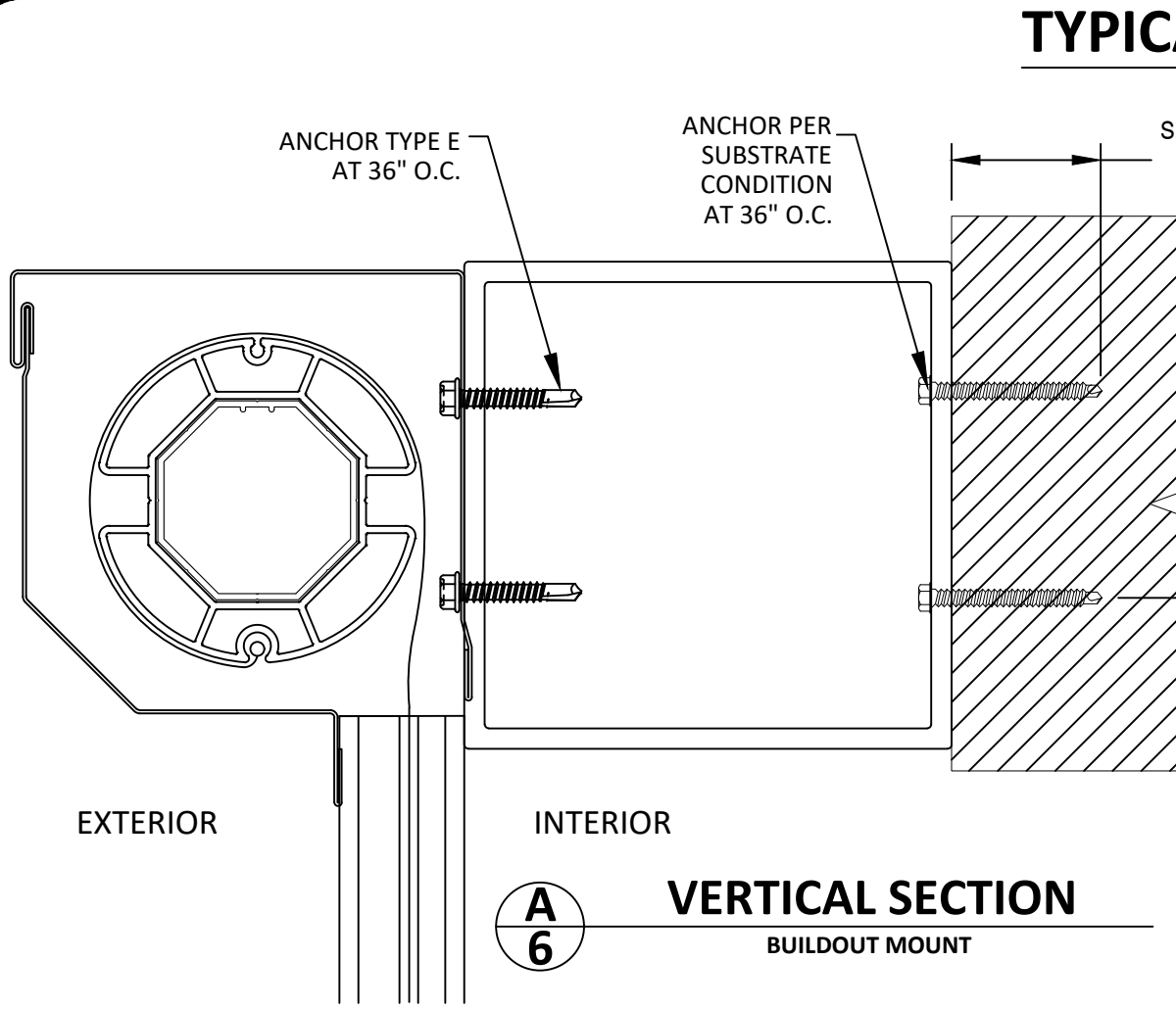
DWG. BY: SM/AR  
CHK. BY: HFN

SCALE: NTS

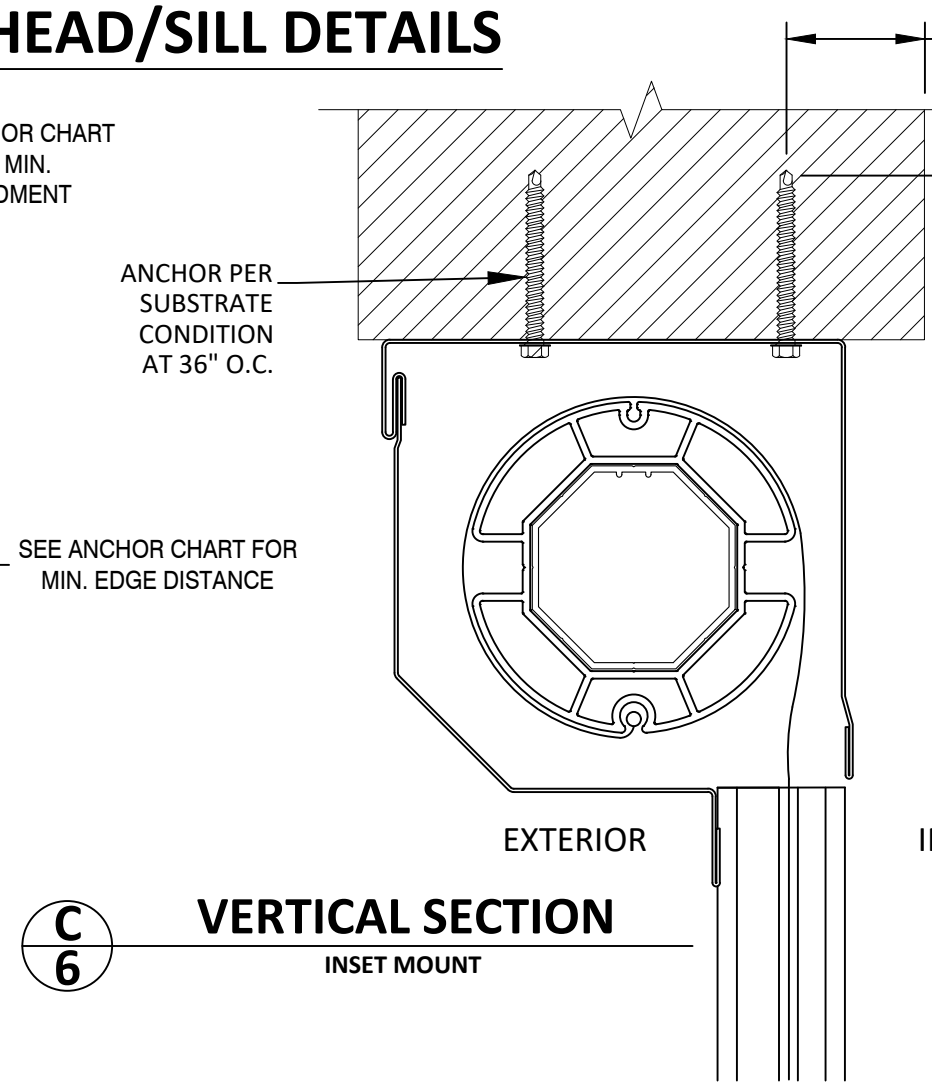
DWG. #: PRG003

SHEET: OF 34

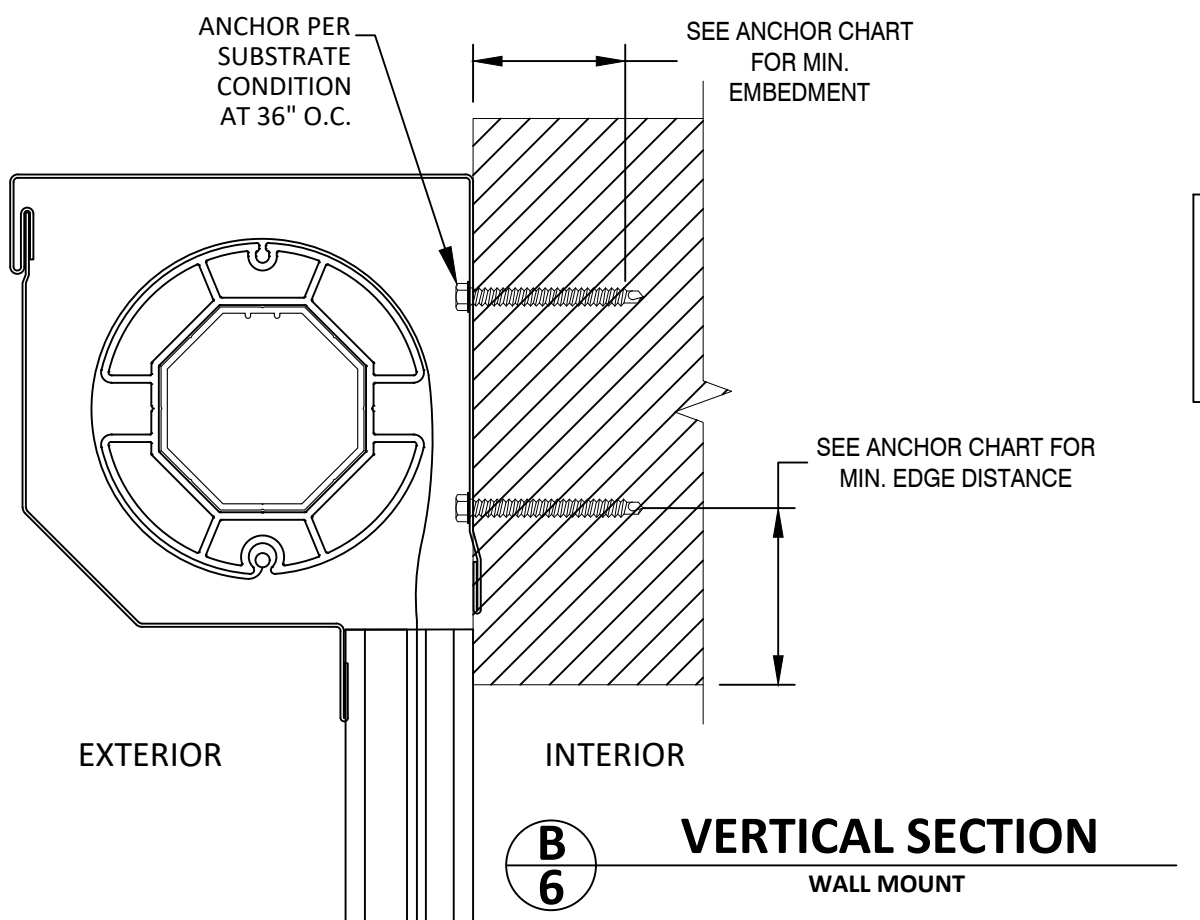
# TYPICAL HEAD/SILL DETAILS



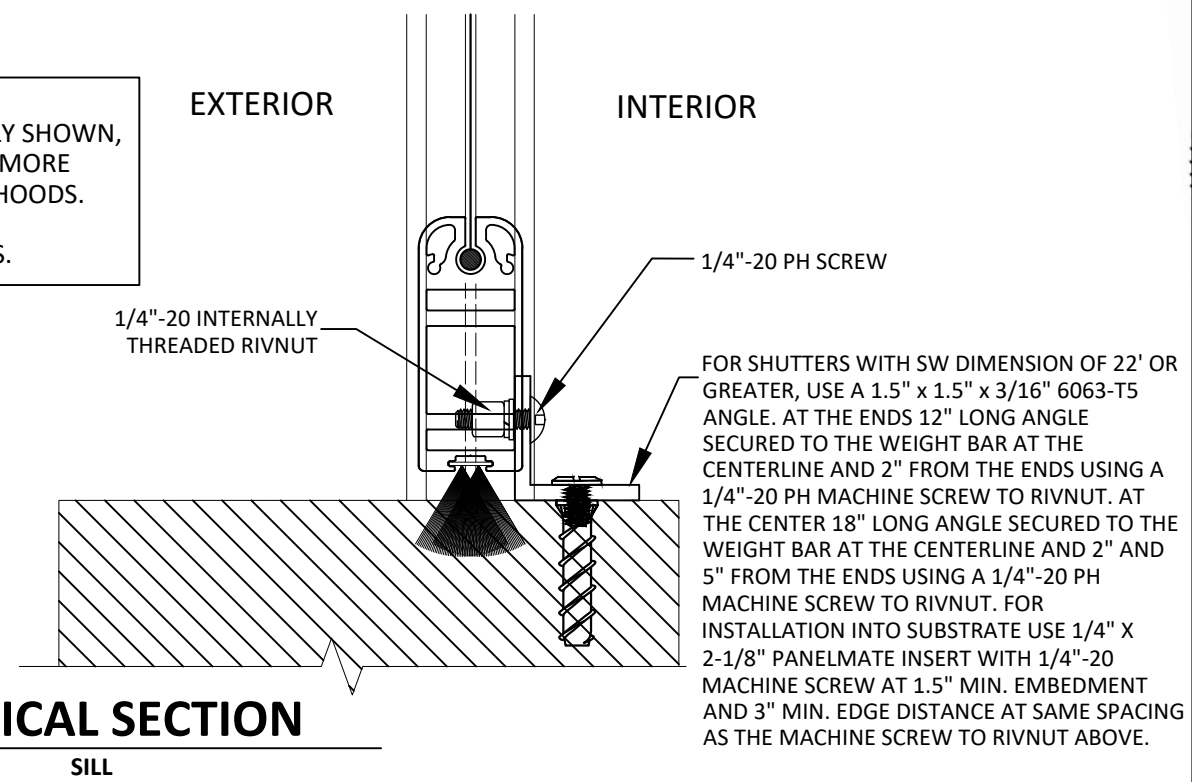
**A**  
**6** VERTICAL SECTION  
BUILDOUT MOUNT



**C**  
**6** VERTICAL SECTION  
INSET MOUNT



**B**  
**6** VERTICAL SECTION  
WALL MOUNT



**D**  
**6** VERTICAL SECTION  
SILL

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 1.5" x 1.5" 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.



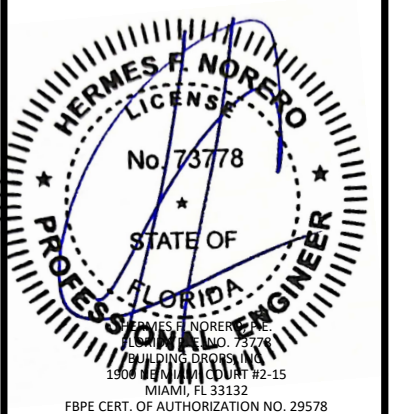
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#:  
**FL30798**

DATE: 10.15.19

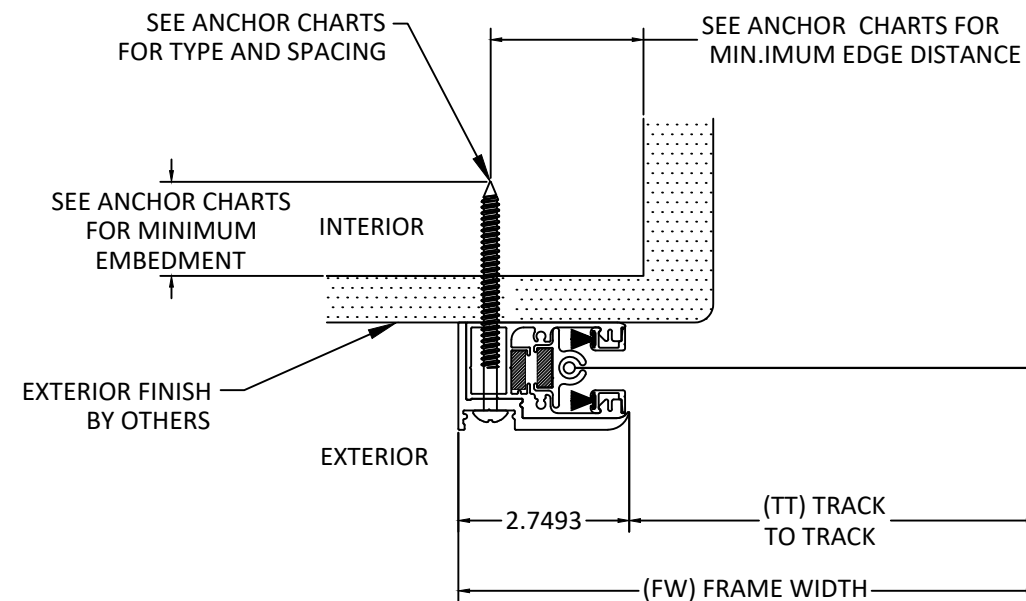
DWG. BY: SM/AR	CHK. BY: HFN
SCALE: NTS	
DWG. #: PRG003	
SHEET: OF 34	

**6**

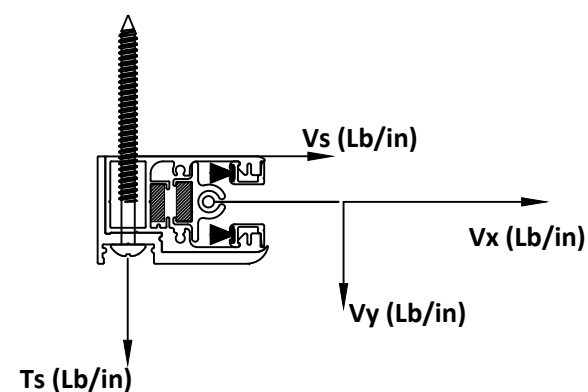
7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops, inc\projects\progressive\_screens\flc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg

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
35	0.0	8.8	0.0	39.0	12	12	12	12	12	12	6	12	12	12	12	12	12	9	5
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	
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



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



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"
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"
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"	
F	5/16" DEWALT/ELCO ULTRACON	MIN. SG = 0.55 WOOD	1 1/2"	2"
G	1/4" ITW TAPCON	MIN. 3000 PSI CONCRETE	2 1/2"	1 3/4"



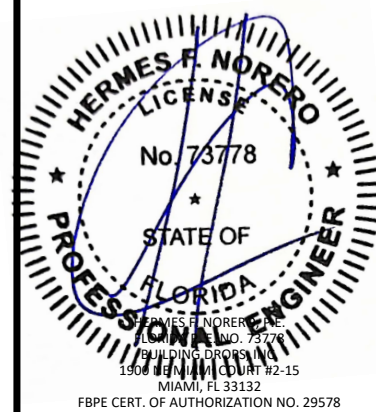
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.

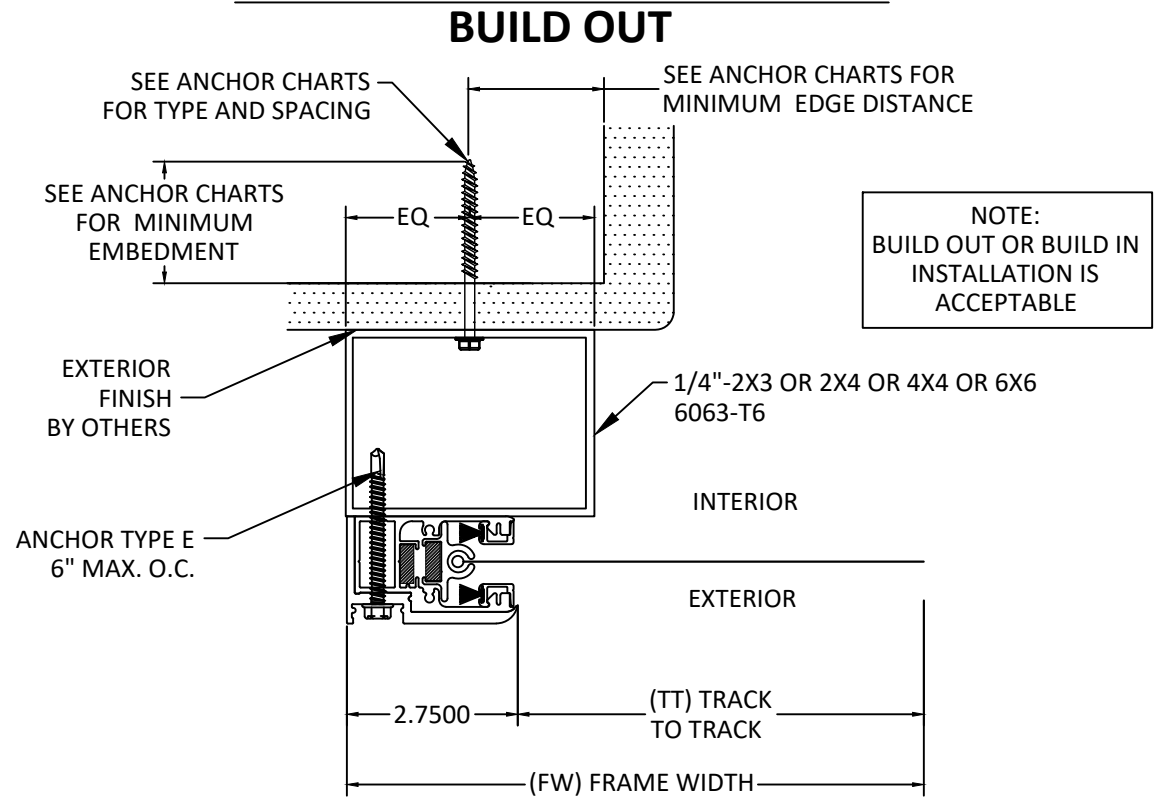


FL#: **FL30798**  
DATE: **10.15.19**  
DWG. BY: **SM/AR** | CHK. BY: **HFN**  
SCALE: **NTS**  
DWG. #: **PRG003**  
SHEET: **7** OF 34

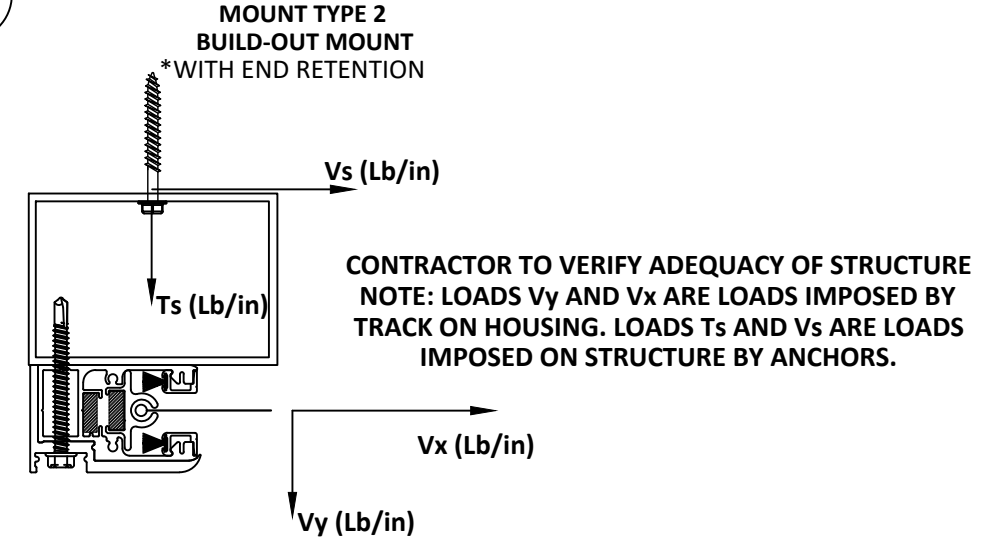
7/30/2025 7:01 PM  
c:\users\dylanwata\building drops, inc\building drops landing - common\projects\progressive screens\flbc-25-0633 - flbc submittal - fl30798 magnatrack hurricane system - hood revision\dwg\prg003.dwg

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



## A 8 HORIZONTAL SECTION



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"
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"
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
		A36 3/16" STEEL	3/8"	PENETRATION
F	5/16" DEWALT/ELCO ULTRACON	MIN. SG = 0.55 WOOD	1 1/2"	2"
G	1/4" ITW TAPCON	MIN. 3000 PSI CONCRETE	2 1/2"	1 3/4"



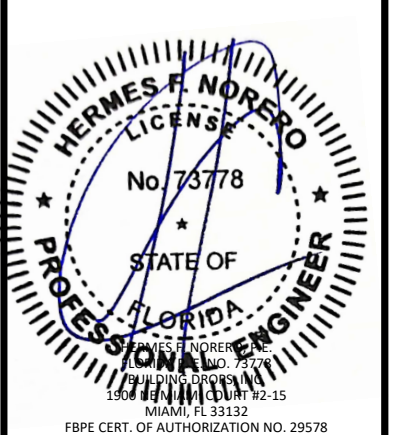
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**  
DATE: **10.15.19**  
DWG. BY: **SM/AR** CHK. BY: **HFN**  
SCALE: **NTS**  
DWG. #: **PRG003**  
SHEET: **8** OF 34

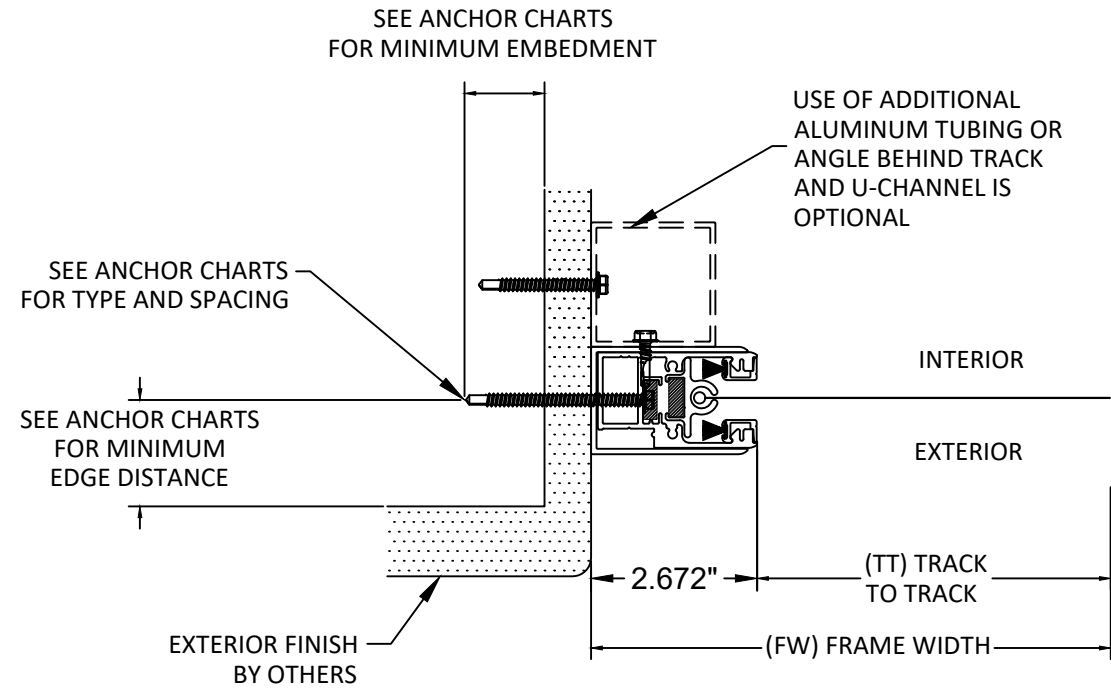
7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops, inc\projects\progressive screens\fbc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwg\prg003.dwg

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												

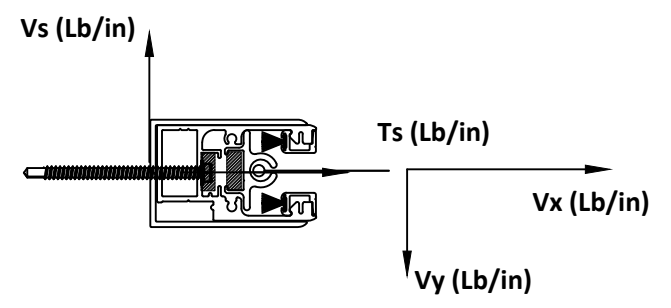
7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops landing - common\projects\progressive screens\magnatrack hurricane system - hood revision\dwgs\prg003.dwg

## 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  $V_y$  AND  $V_x$  ARE LOADS IMPOSED BY TRACK ON HOUSING. LOADS  $T_s$  AND  $V_s$  ARE LOADS IMPOSED ON STRUCTURE BY ANCHORS.  
NOTE:  $T_s$  AND  $V_s$  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"
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 $f'm \geq 1500$ PSI	2"	2 1/2"
D	5/16" ITW TAPCON	GROUT FILLED C-90 BLOCK $f'm \geq 2000$ 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"	
F	5/16" DEWALT/ELCO ULTRA CON	MIN. SG = 0.55 WOOD	1 1/2"	2"
G	1/4" ITW TAPCON	MIN. 3000 PSI CONCRETE	2 1/2"	1 3/4"



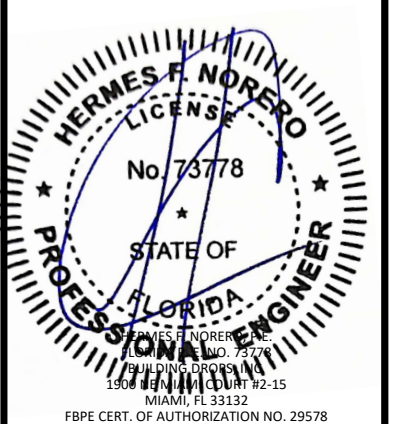
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

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

SCALE: **NTS**

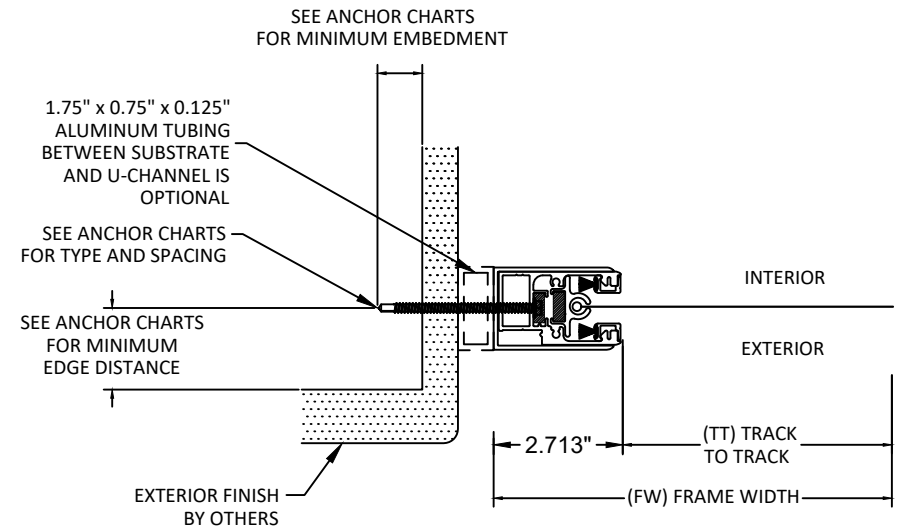
DWG. #: **PRG003**

SHEET: **10** OF 34

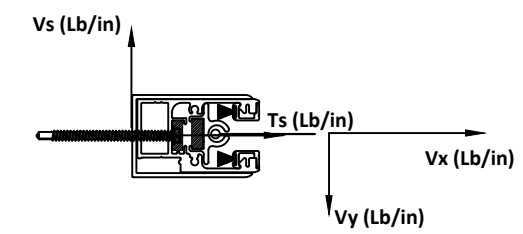
7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops\_landing - common\projects\progressive screens\fbc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg

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

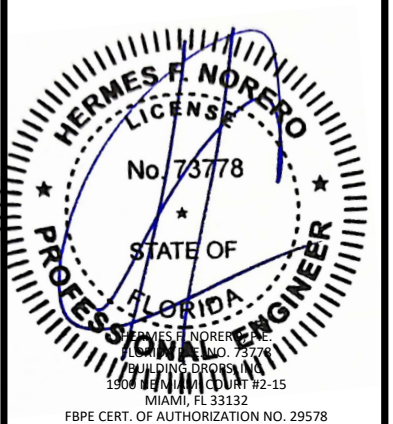
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER (HVHZ) (IMPACT)  
HORIZONTAL SECTION / ANCHOR SCHEDULE - INSET MOUNT

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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

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

SCALE: **NTS**

DWG. #: **PRG003**

SHEET: **11** OF 34

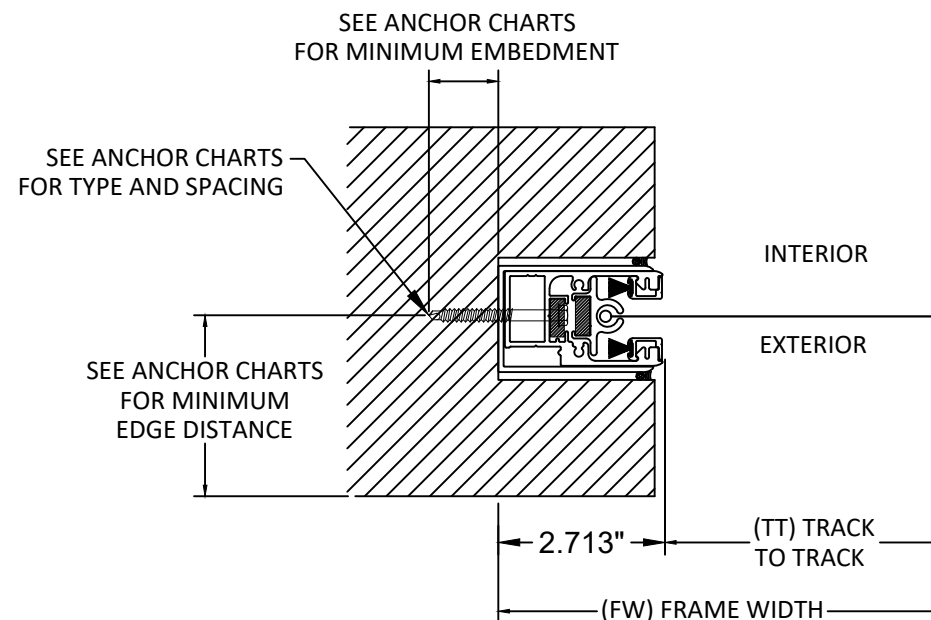
c:\users\dylanwata\building drops, inc\building drops landing - common\projects\progressive screens\flc-25-0633 - flc submittal - flc30798 magnatrack hurricane system - hood revision\dwg\prg003.dwg  
 7/30/2025 7:01 PM

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	

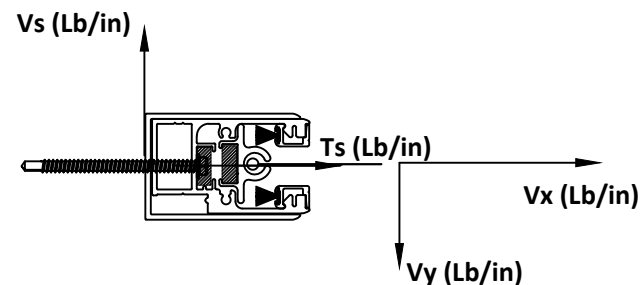
TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING U CHANNEL INSET - MOUNT 3						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G
120	35	93.24	14.58	14.58	137.66	12	12	12	12	12	12	6
	40	93.24	16.67	16.67	144.24	12	12	11	12	12	12	6
	45	93.24	18.75	18.75	150.83	12	12	10	12	12	12	6
	50	93.24	20.83	20.83	157.41	12	12	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							

7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops landing - common\projects\progressive screens\hbc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg

## TYPICAL HORIZONTAL SECTIONS RECESSED MOUNT



### A 13 HORIZONTAL SECTION MOUNT TYPE 4 RECESSED MOUNT \*WITH END RETENTION



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

SEE SHEETS 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"
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 $f'm \geq 1500$ PSI	2"	2 1/2"
D	5/16" ITW TAPCON	GROUT FILLED C-90 BLOCK $f'm \geq 2000$ 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"	
F	5/16" DEWALT/ELCO ULTRA CON	MIN. SG = 0.55 WOOD	1 1/2"	2"
G	1/4" ITW TAPCON	MIN. 3000 PSI CONCRETE	2 1/2"	1 3/4"



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

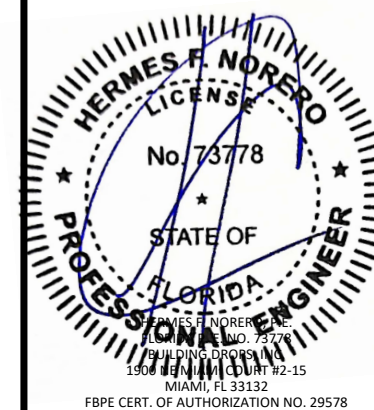
TITLE: MAGNATRACK HURRICANE SYSTEM  
 FABRIC ROLL SHUTTER  
 (HVHZ) (IMPACT)  
 HORIZONTAL SECTION / ANCHOR  
 SCHEDULE - RECESSED MOUNT

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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#:  
**FL30798**

DATE: 10.15.19

DWG. BY: SM/AR      CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

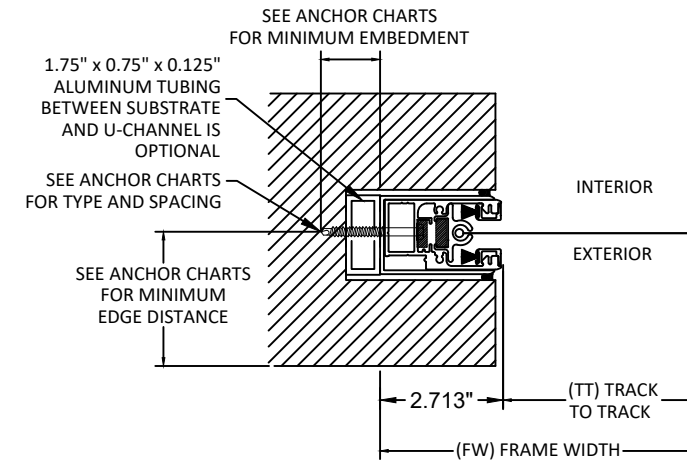
SHEET: OF 34

13

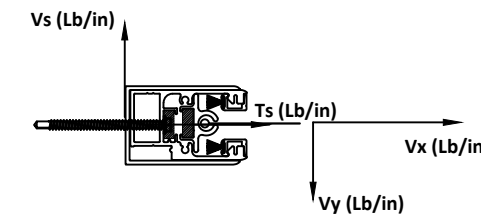
7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops\_landing - common\projects\progressive screens\flbc-25-0633 - flbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg

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

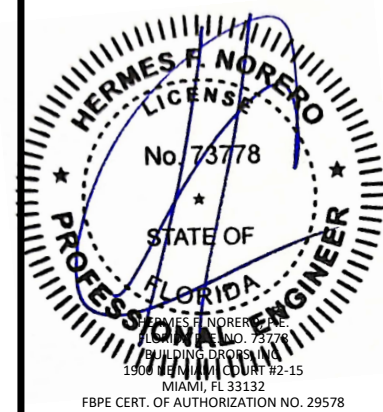
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER (HVHZ) (IMPACT)  
HORIZONTAL SECTION / ANCHOR SCHEDULE - RECESSED MOUNT

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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

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

SCALE: **NTS**

DWG. #: **PRG003**

SHEET: **14** OF 34

7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops\_landing - common\projects\progressive screens\lbc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg

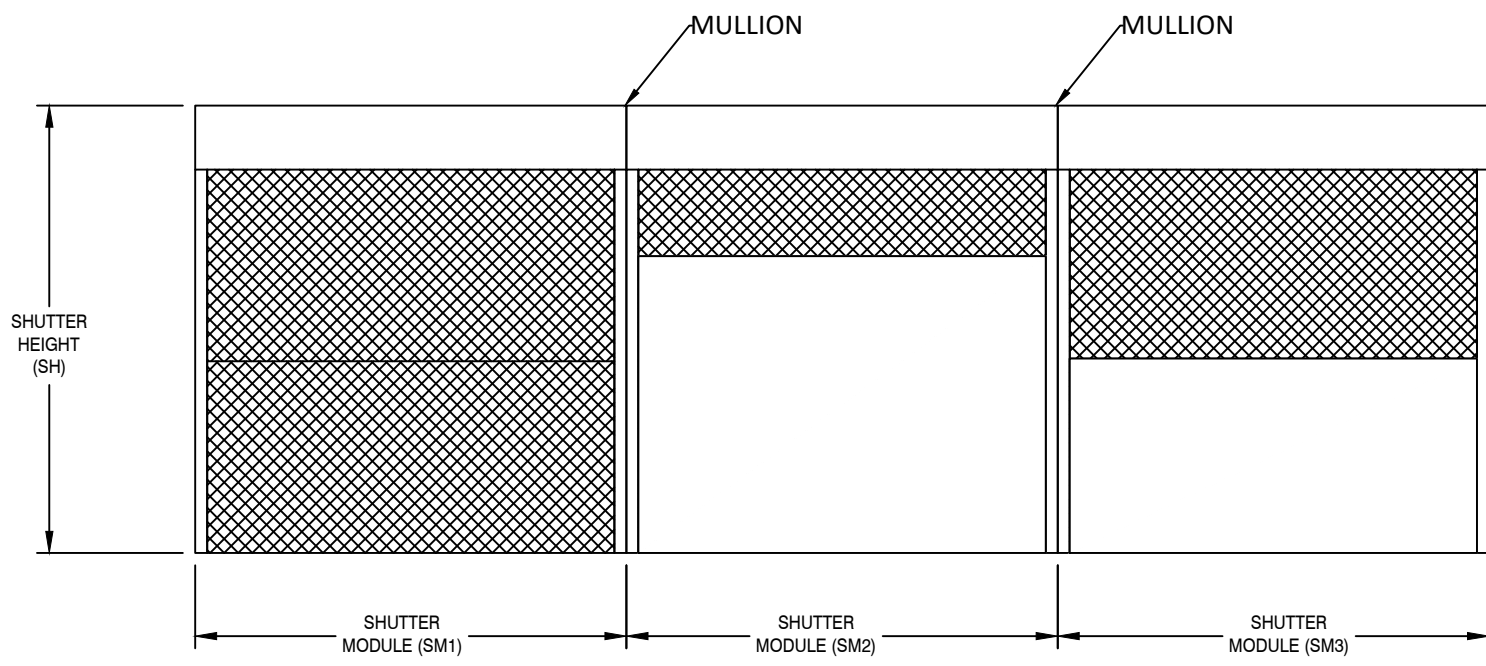
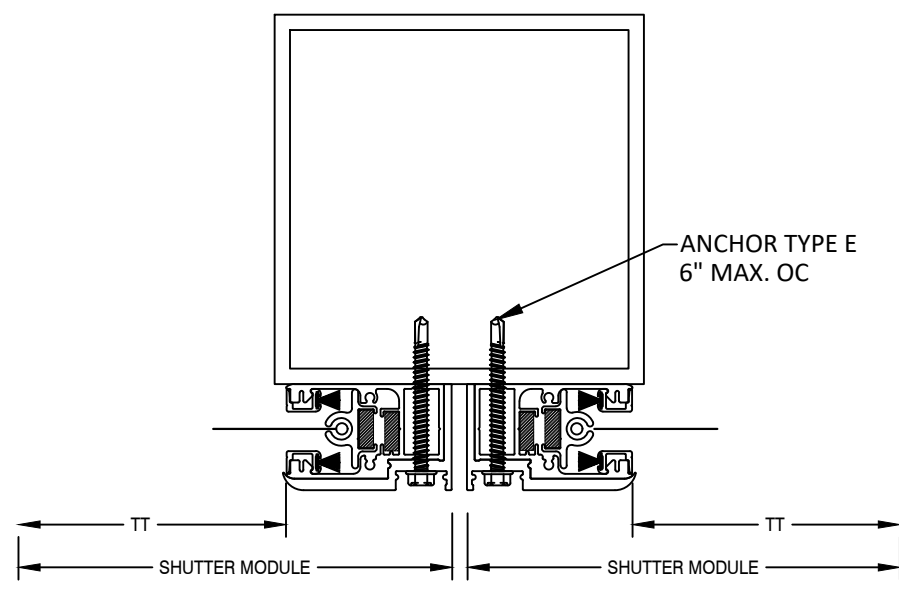
TABLE 4 - ANCHOR SPACING						ANCHOR TYPE & SPACING RECESSED MOUNT - MOUNT 4						
FW	DP	Vx	Vy	Vs	Ts	A	B	C	D	E	F	G
96	35	81.46	11.67	11.67	111.16	12	12	12	12	12	12	6
	40	81.46	13.33	13.33	115.41	12	12	12	12	12	12	6
	45	81.46	15.00	15.00	119.65	12	12	12	12	12	12	6
	50	81.46	16.67	16.67	123.90	12	12	12	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
	108	110	81.46	36.67	36.67	174.82	12	11	7	10	12	9
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
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

7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops, inc\projects\progressive screens\fbcs-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg

## EQUALLY SPACED MULLIONS SELECTION

### FACE MOUNT MULLION

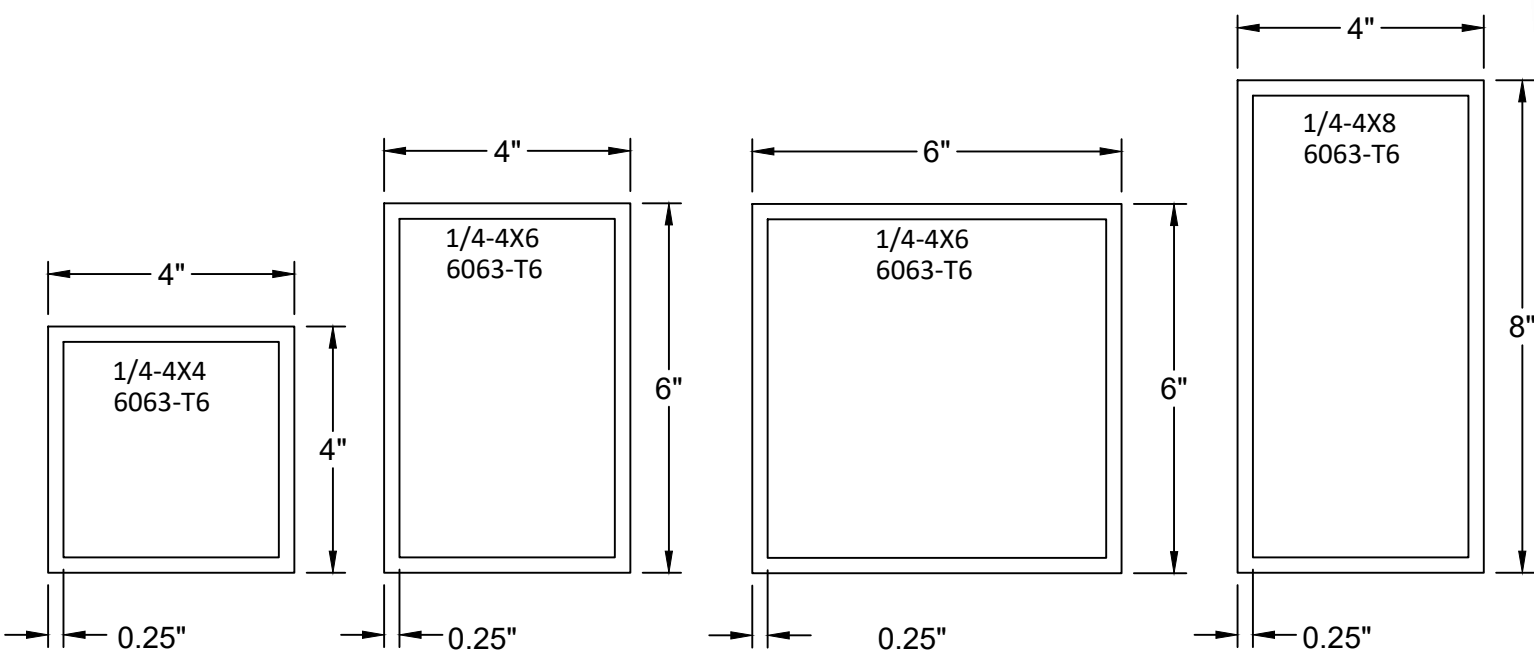


SM1 = SM2 = SM3

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



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

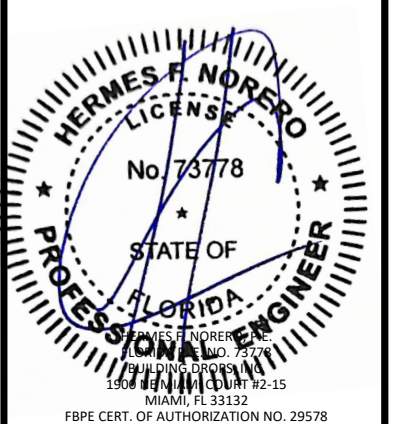
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER  
(HVHZ) (IMPACT)  
EQUALLY SPACED MULLIONS

PREPARED BY:  
**BD**  
BUILDING DROPS

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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#:  
**FL30798**

DATE: 10.15.19

DWG. BY: SM/AR      CHK. BY: HFN

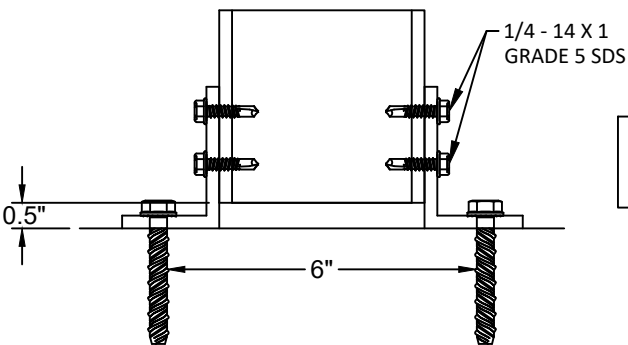
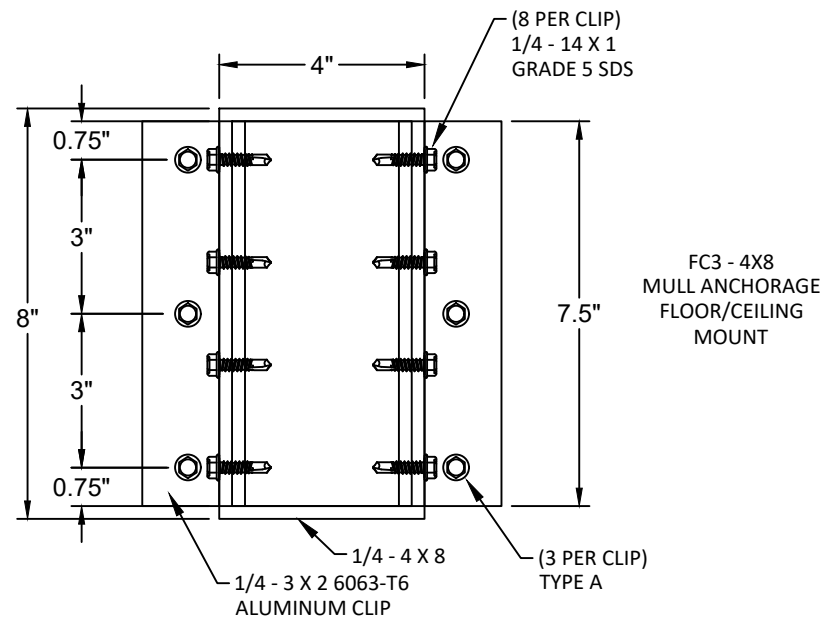
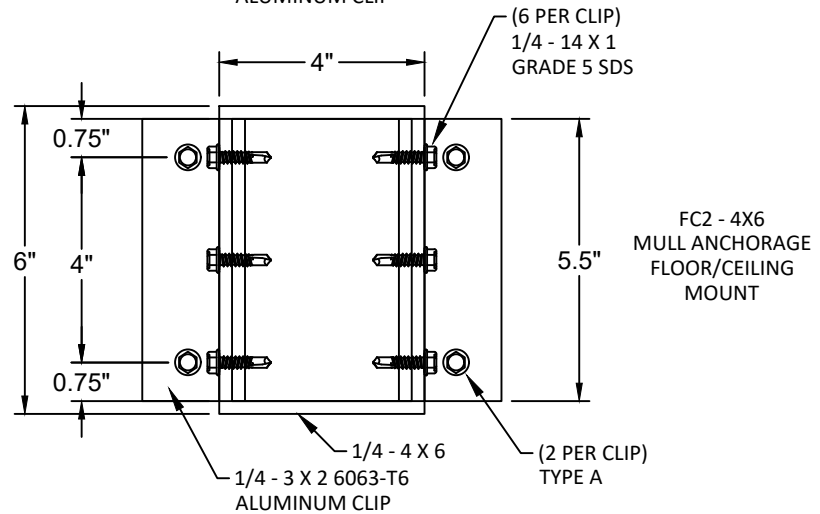
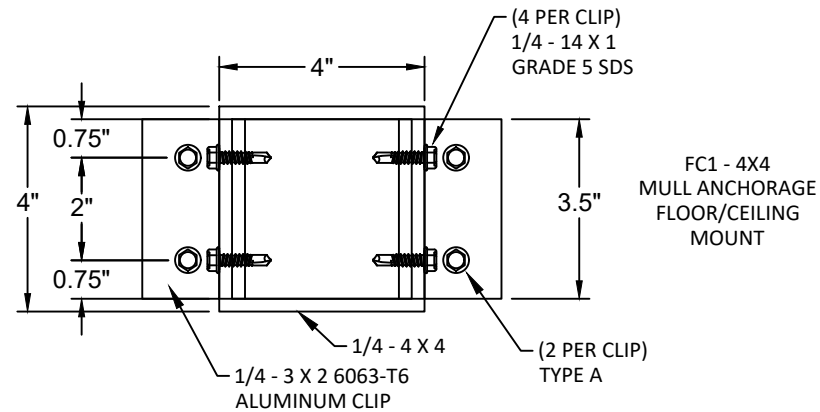
SCALE: NTS

DWG. #: PRG003

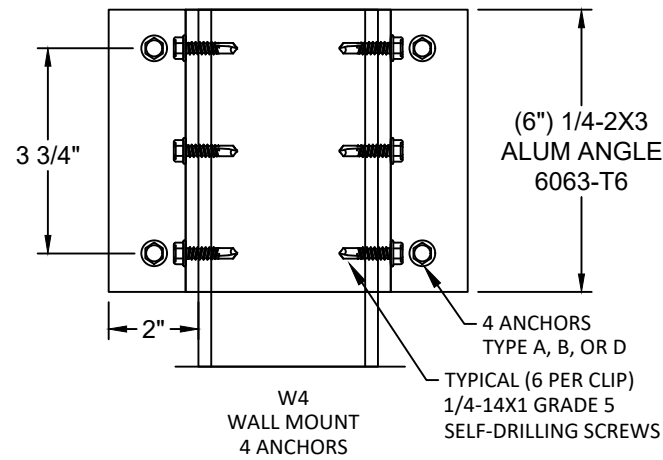
SHEET:                      OF 34

7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops landing - common\projects\progressive screens\fbc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg

## EQUALLY SPACED MULLIONS WALL AND INSET CONNECTIONS



NOTE: ANGLE CLIP TO BE PLACED OUTSIDE OR INSIDE TUBE



ANCHOR TYPE	WALL MOUNT ANCHOR SELECTION			
	MULLION TYPE			
A	4X4	4X6	6x6	4X8
B	W4	N/A	N/A	N/A
D	W4	N/A	N/A	N/A

ANCHOR TYPE	FLOOR/CEILING MOUNT ANCHOR SELECTION			
	MULLION TYPE			
A	4X4	4X6	6x6	4X8
	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"
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"



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

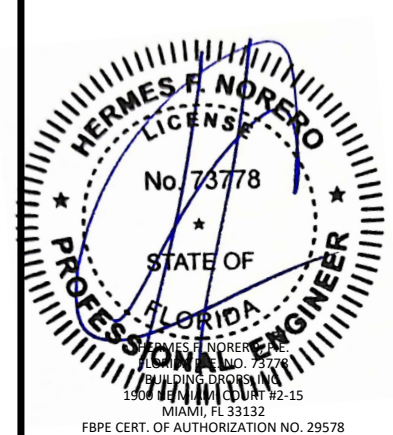
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER  
(HVHZ) (IMPACT)  
EQUALLY SPACED MULLION  
ANCHORS

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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

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

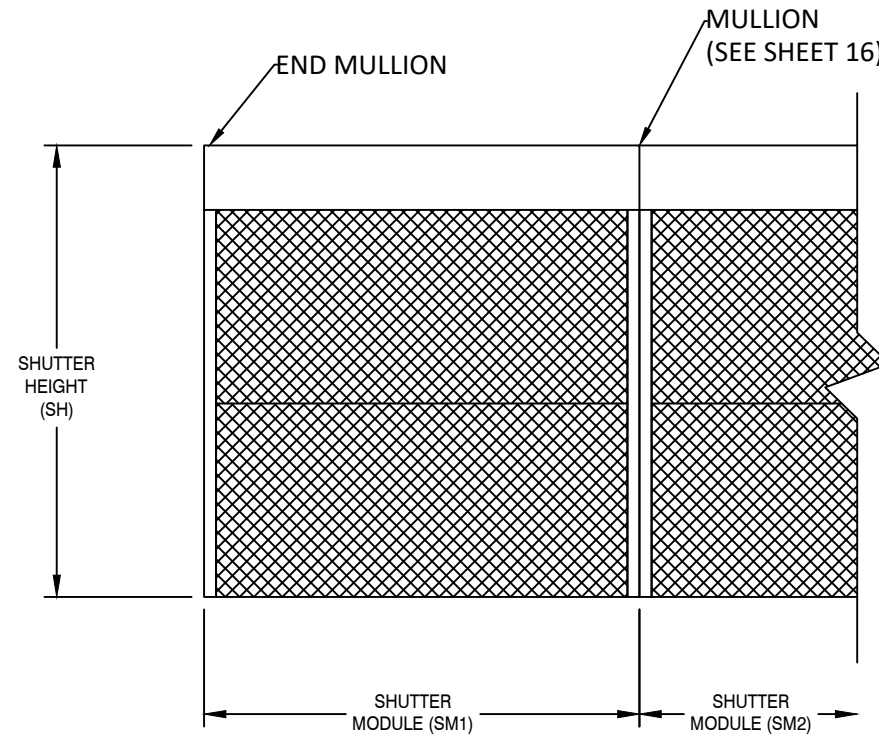
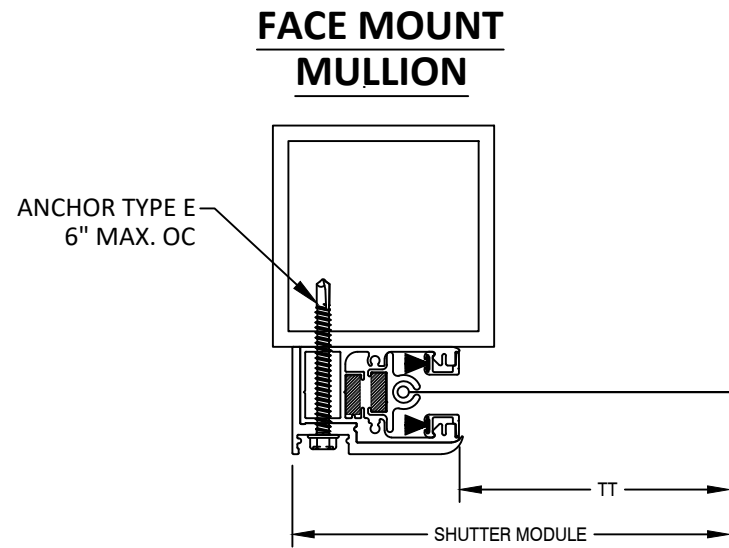
SCALE: **NTS**

DWG. #: **PRG003**

SHEET: **OF 34**

7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops landing - common\projects\progressive screens\fbc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwg\prg003.dwg

## END MULLION SELECTION



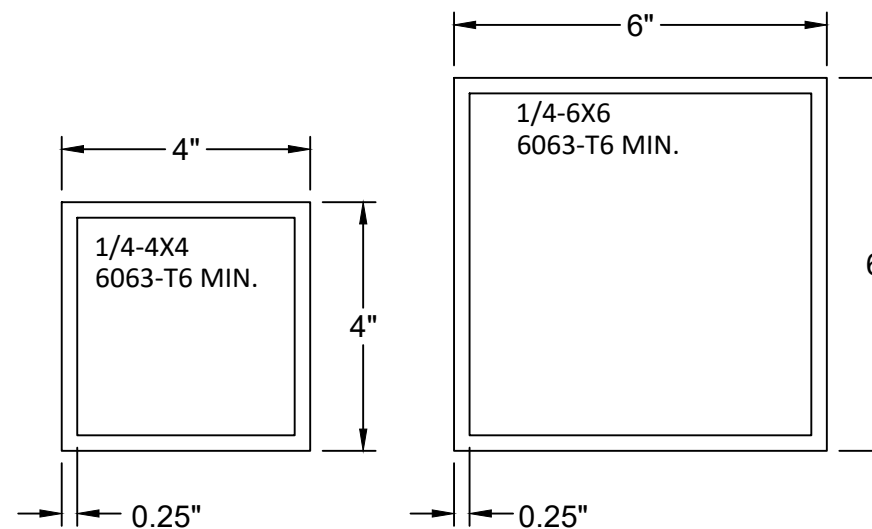
SM1 = SM2

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:**

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



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

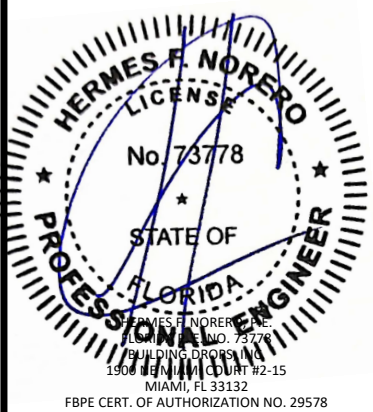
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER  
(HVHZ) (IMPACT)  
END MULLION

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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

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

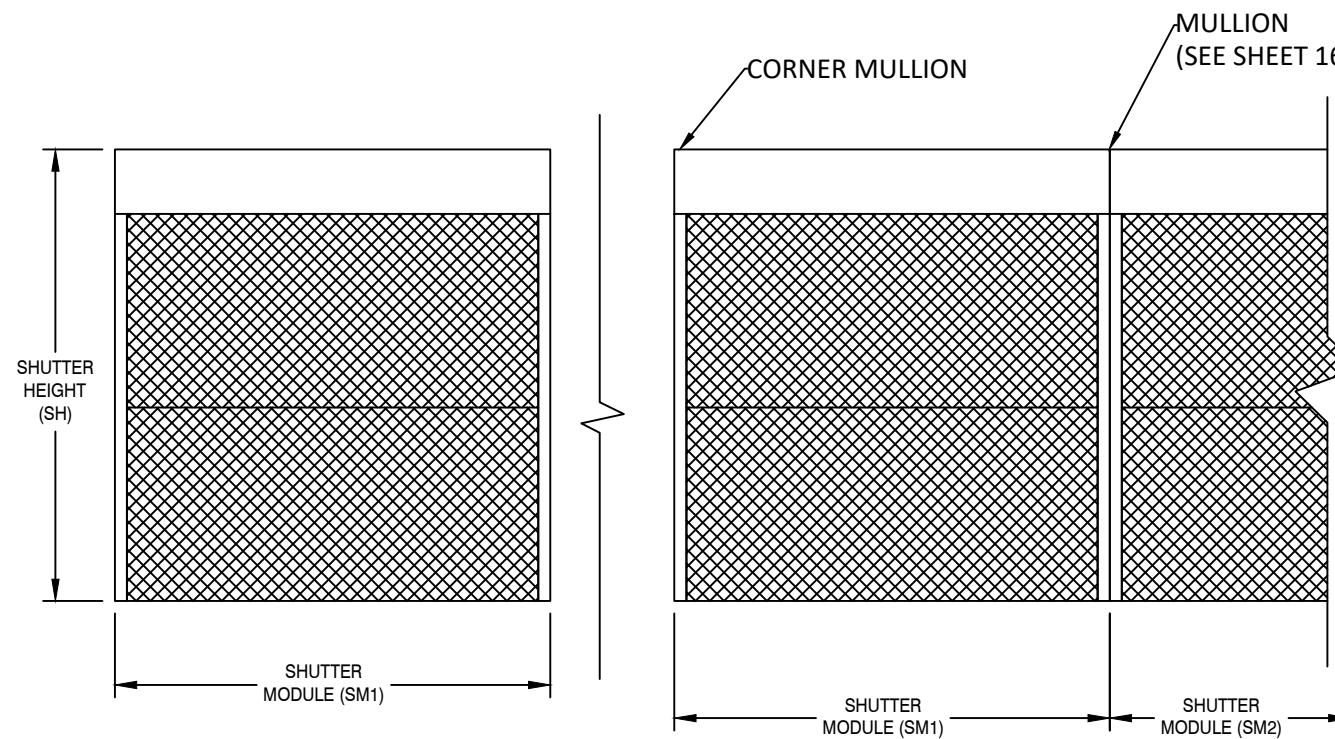
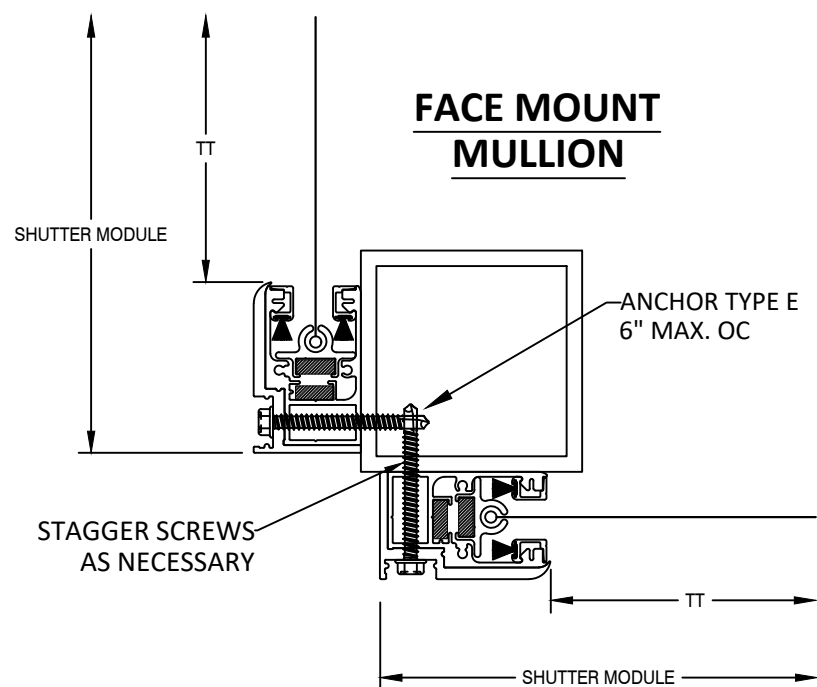
SCALE: **NTS**

DWG. #: **PRG003**

SHEET: **18** OF 34

7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops\projects\progressive screens\fbc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg

## CORNER MULLION SELECTION



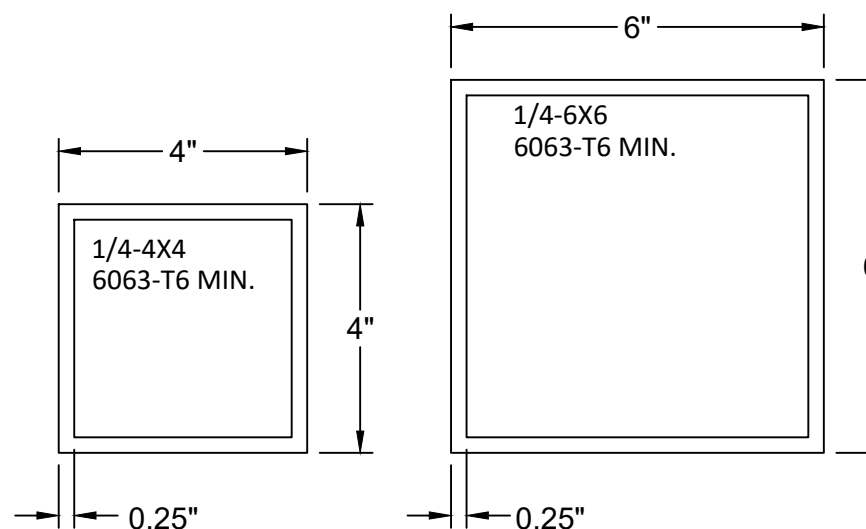
SM1 = SM2 = SM3

**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:**

- MULLIONS WERE DESIGNED BY RATIONAL ANALYSIS BASED ON THE ALUMINUM DESIGN MANUAL AND THE FLORIDA BUILDING CODE. ABOVE LOADS ARE ALSO LIMITED BY THE MAX. CAPACITY OF THE PRODUCT.
- VALUES ABOVE ARE APPLICABLE FOR CORNER MULLIONS ONLY WITH EQUAL WIDTH SHUTTERS ON BOTH SIDES, UNEQUAL SHUTTERS SHALL BE EVALUATED ON A CASE BY CASE BASIS.



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

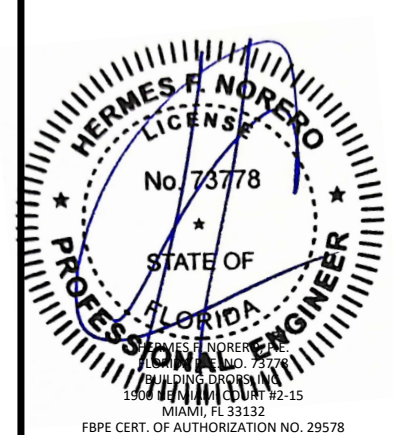
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER (HVHZ) (IMPACT)  
CORNER MULLION

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
HOOD UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

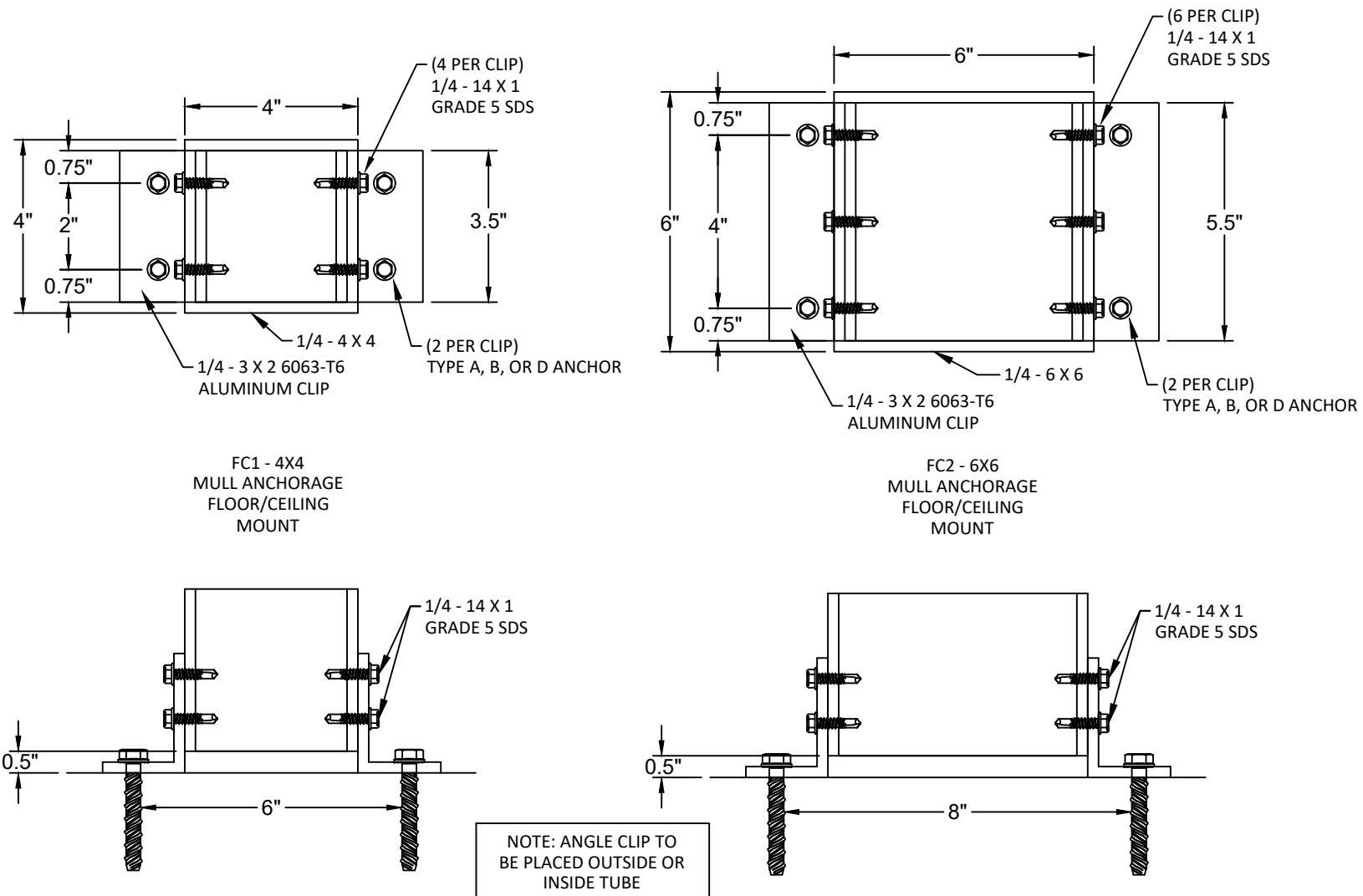
DWG. BY: **SM/AR**      CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **PRG003**

SHEET: **19** OF 34

## END MULLION AND CORNER MULLION WALL AND INSET CONNECTIONS

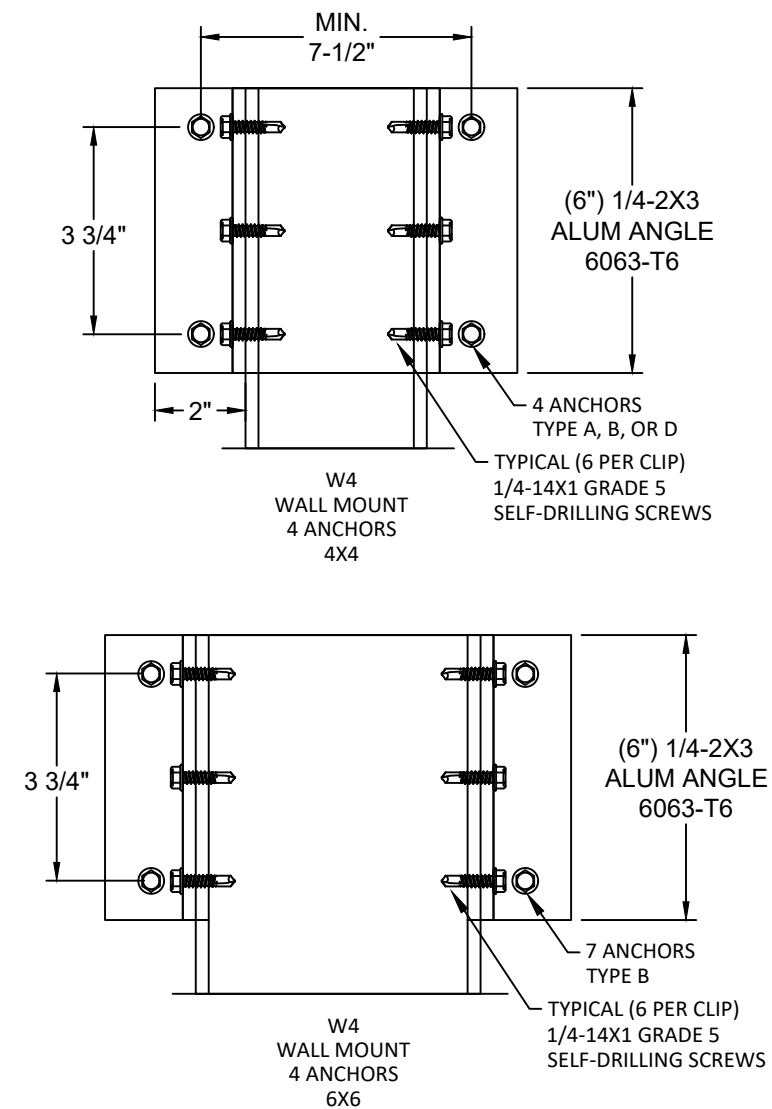


MULL FLOOR/CEILING MOUNT ANCHOR SELECTION				
ANCHOR TYPE	END MULLION TYPE		CORNER MULLION TYPE	
	4X4	6X6	4X4	6X6
A	FC1	FC2	FC1	FC2
B	FC1	FC2	FC1	FC2
D	FC1	FC2	FC1	FC2

### ANCHOR SCHEDULE:

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

## END MULLION WALL CONNECTIONS



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



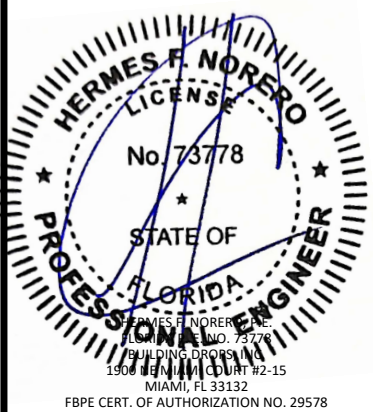
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

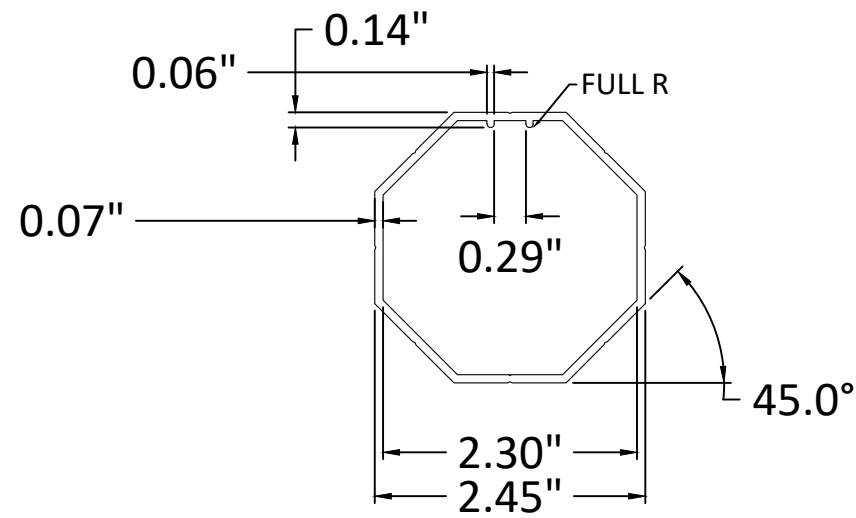
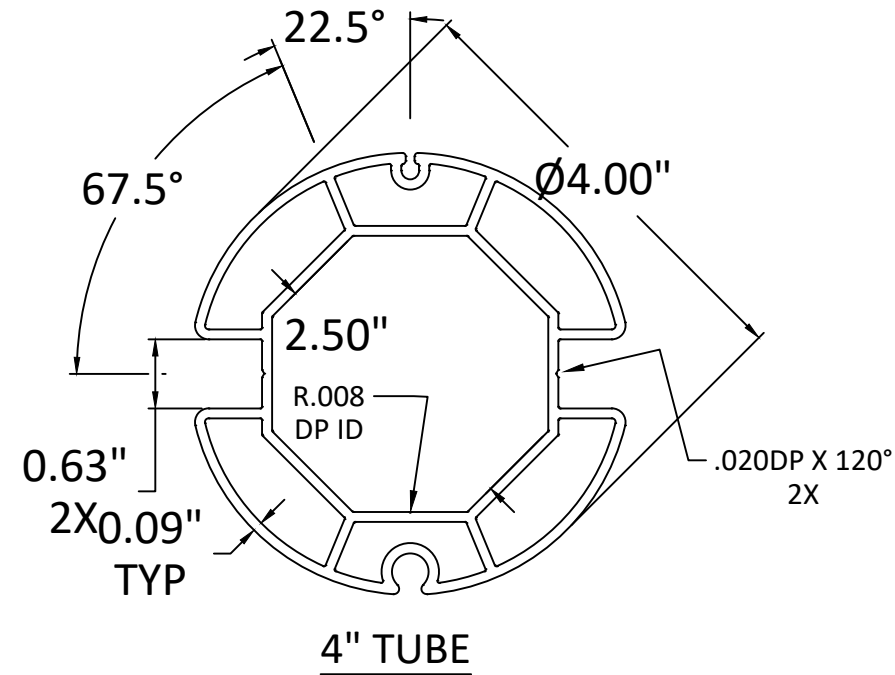
DWG. BY: **SM/AR**      CHK. BY: **HFN**

SCALE: **NTS**

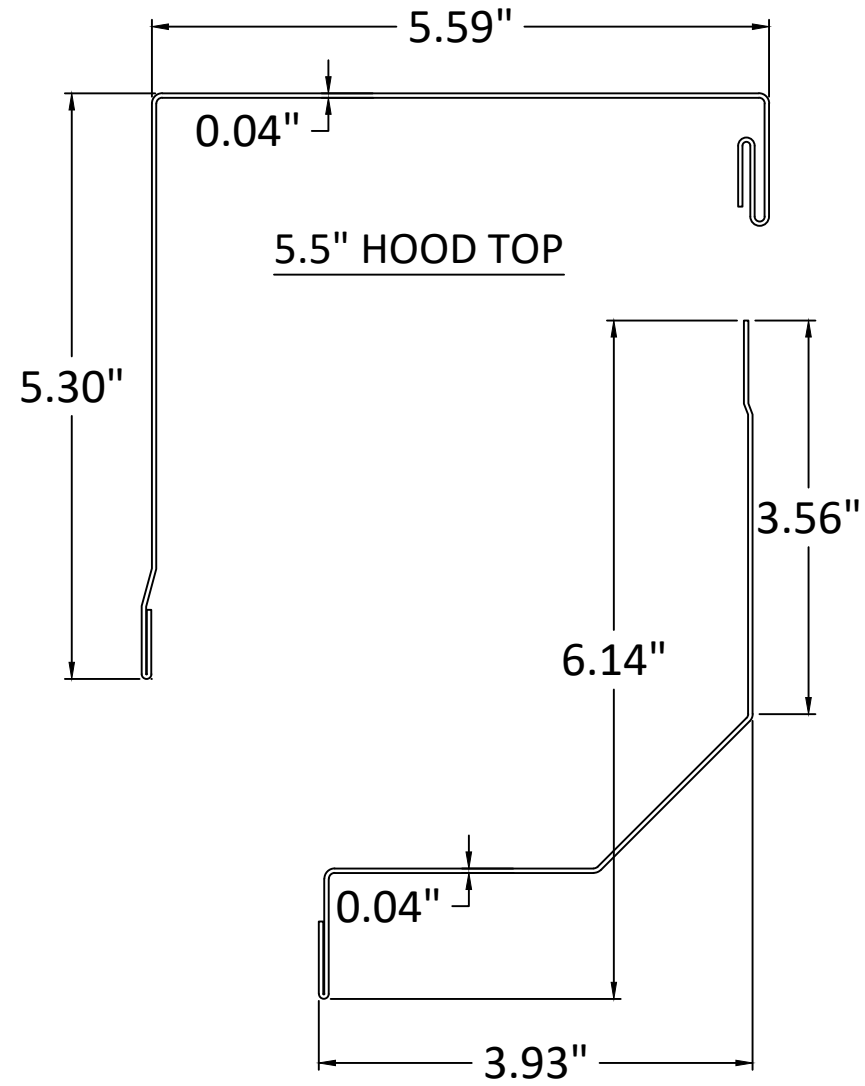
DWG. #: **PRG003**

SHEET:                      OF 34

# 4" TUBE AND 5.5" HOOD DETAILS



60 MM OCTAGONAL TUBE



5.5" 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 & 5.5" HOOD DETAILS

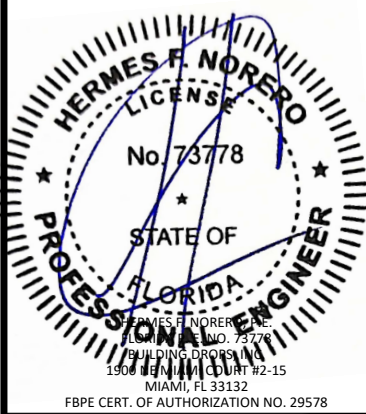
PREPARED BY: BUILDING DROPS, INC.

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
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR

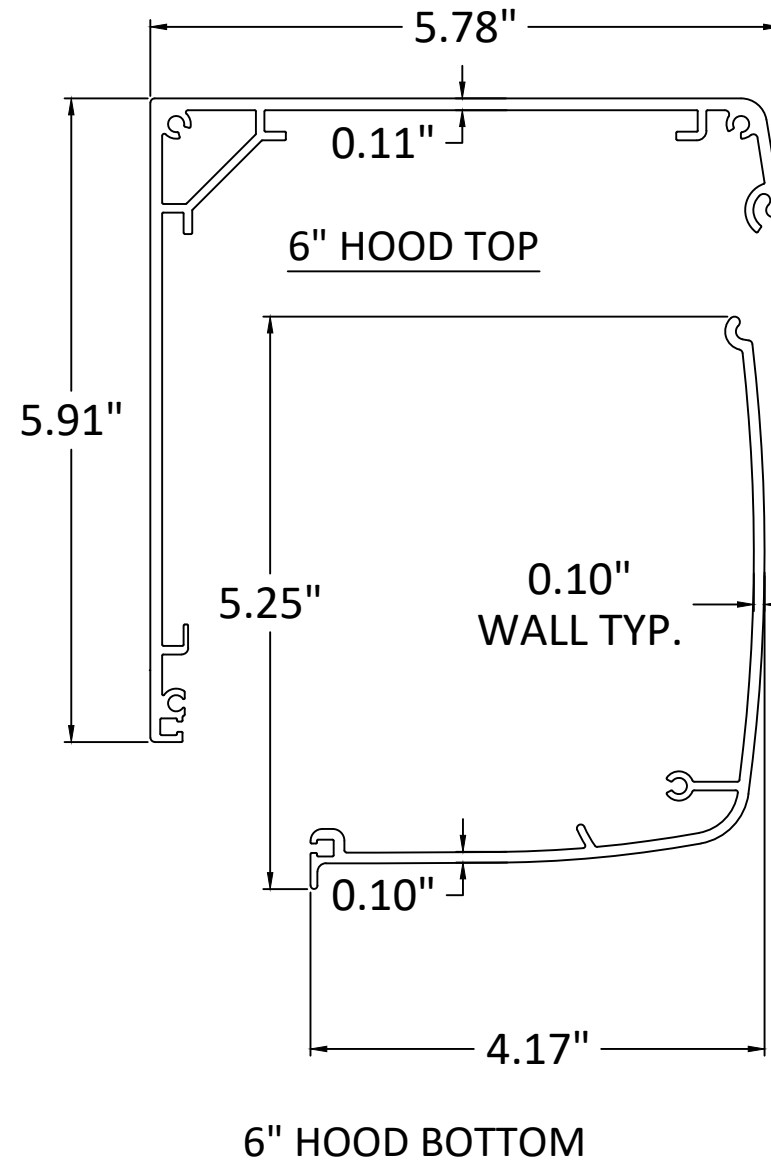
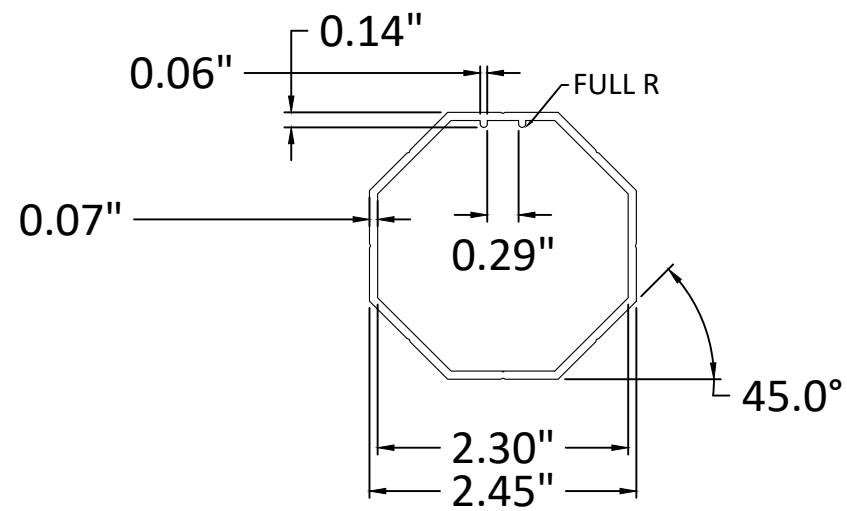
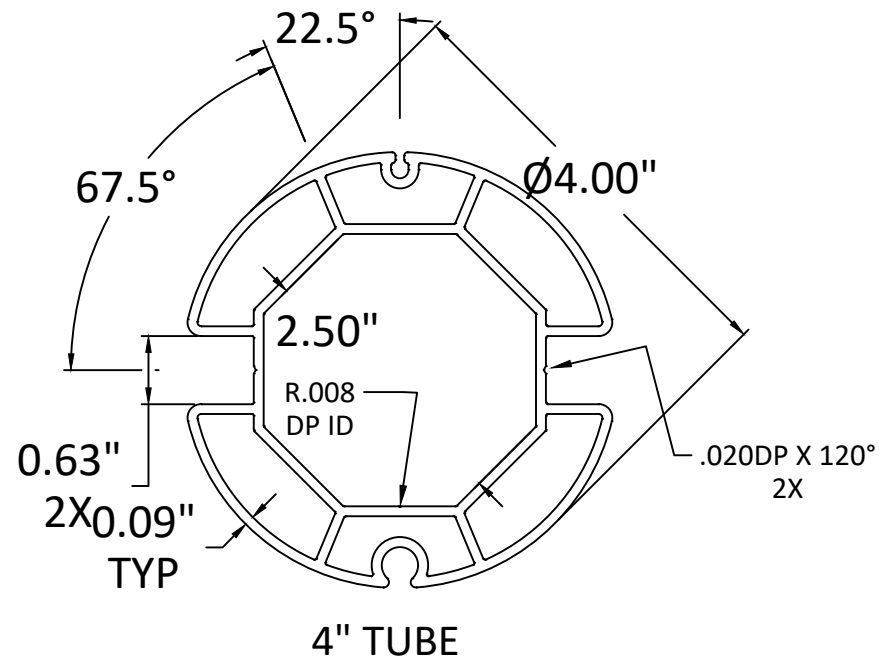
CHK. BY: HFN

SCALE: NTS

DWG. #: PRG003

SHEET: 21 OF 34

# 4" TUBE AND 6" EXTRUDED HOOD DETAILS



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

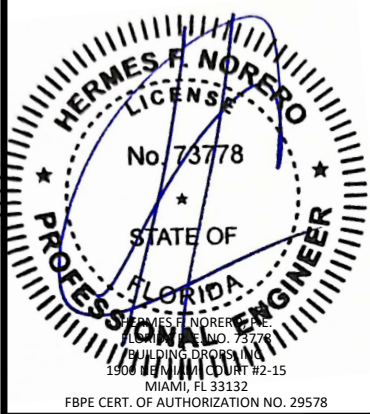
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER  
(HVHZ) (IMPACT)  
4" TUBE & 6" EXTRUDED HOOD  
DETAILS

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
FBC UPDATE	SM	9/26/23
HOOD UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR

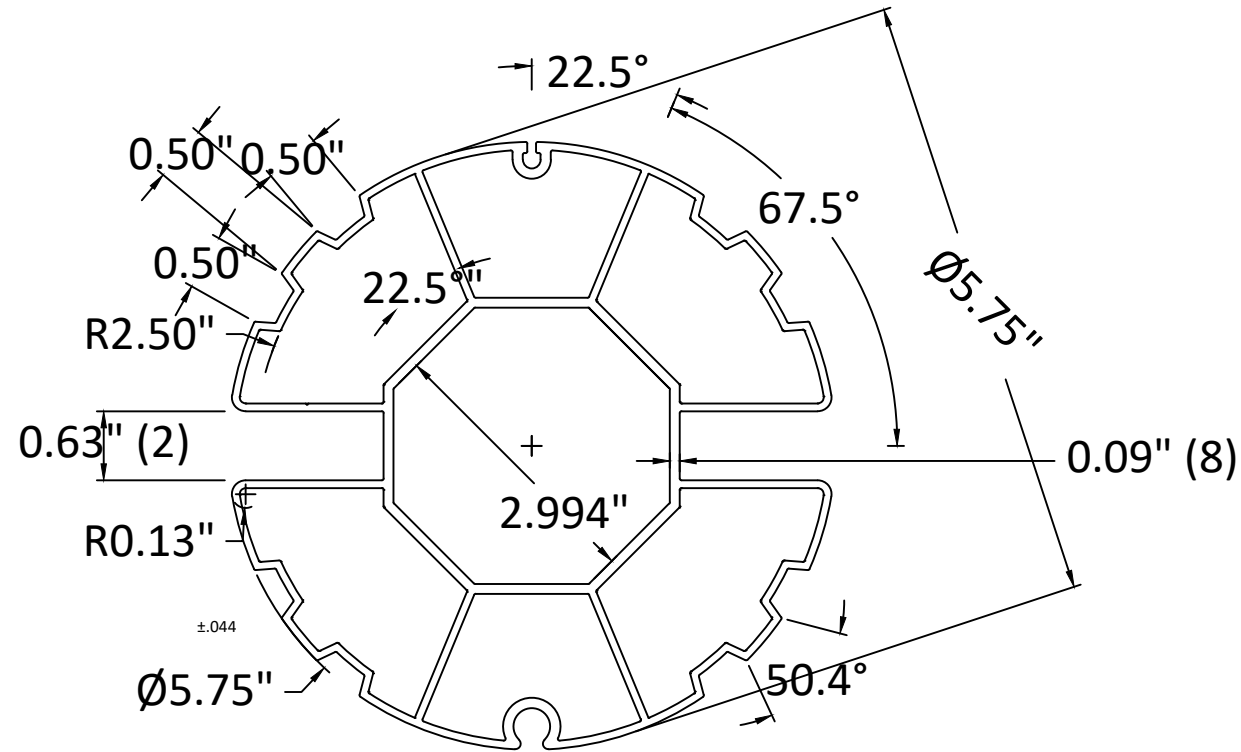
CHK. BY: HFN

SCALE: NTS

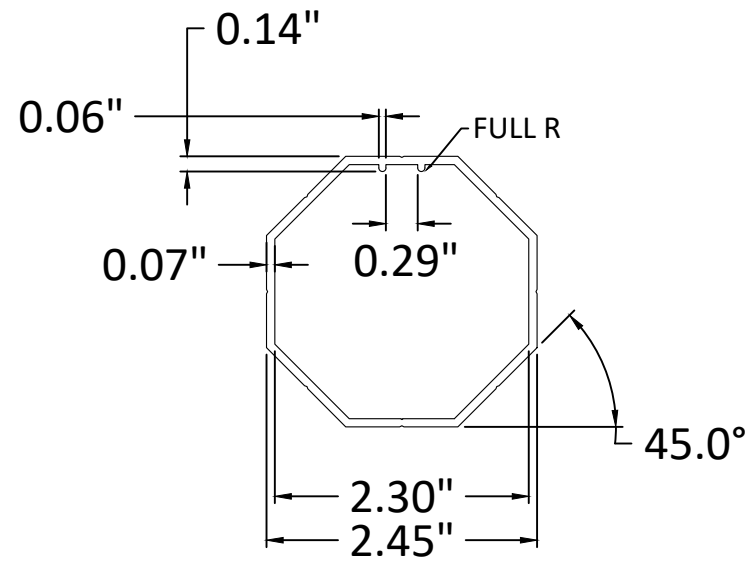
DWG. #: PRG003

SHEET: OF 34

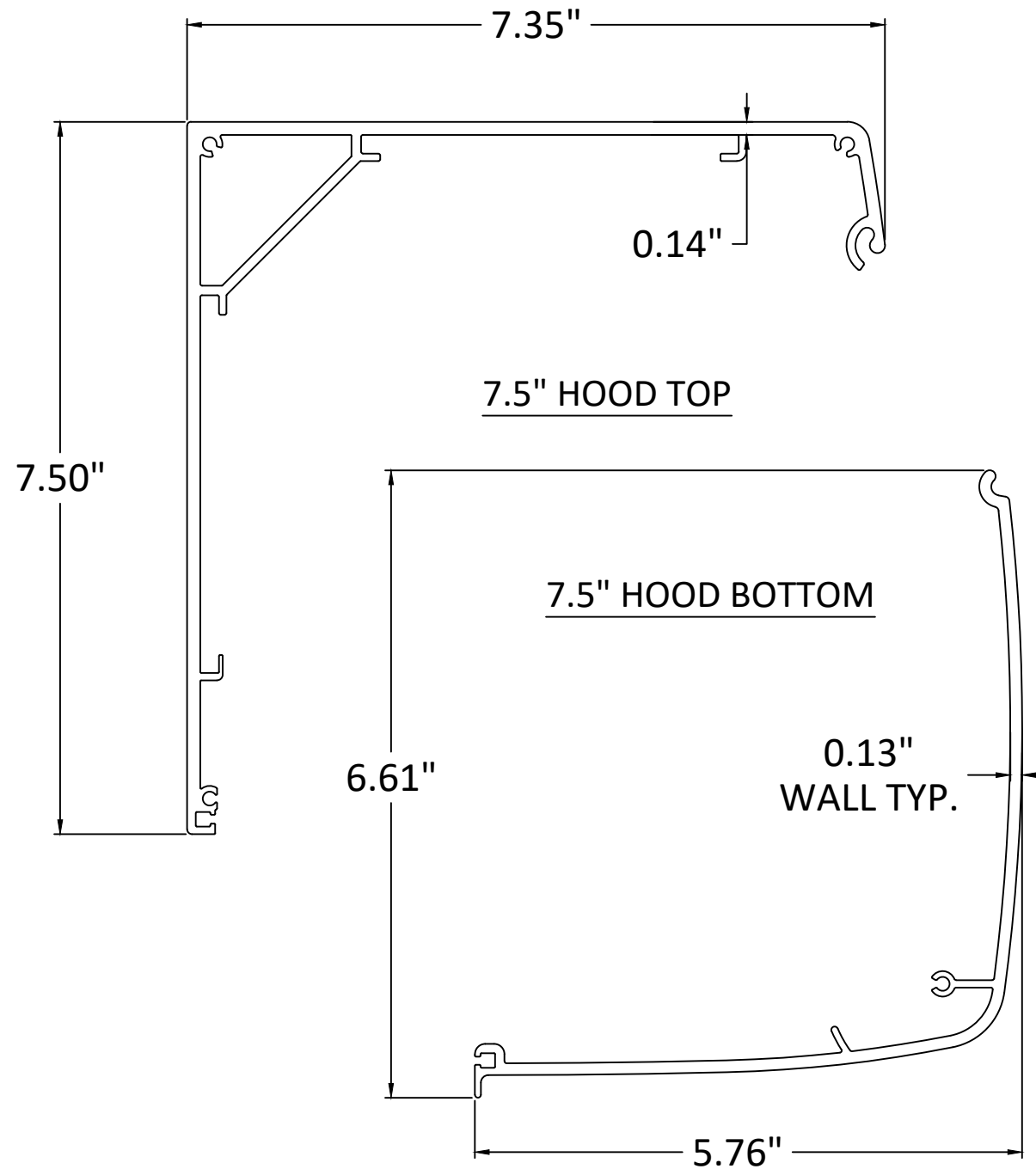
# 5.75" TUBE AND 7.5" EXTRUDED HOOD DETAILS



**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

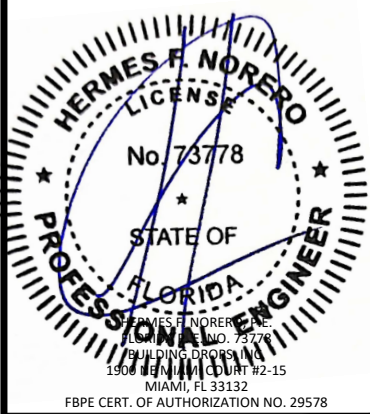
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER  
(HVHZ) (IMPACT)  
5.75" TUBE & 7.5" EXTRUDED HOOD  
DETAILS

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
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: 10.15.19

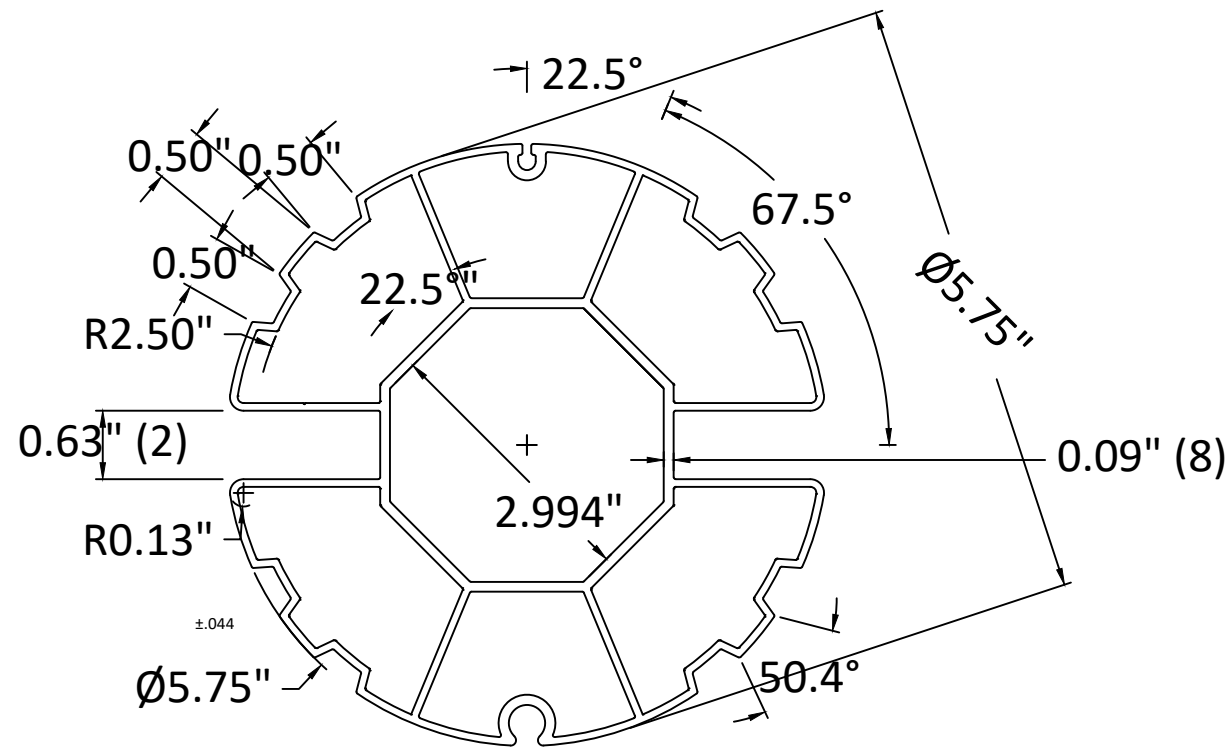
DWG. BY: SM/AR  
CHK. BY: HFN

SCALE: NTS

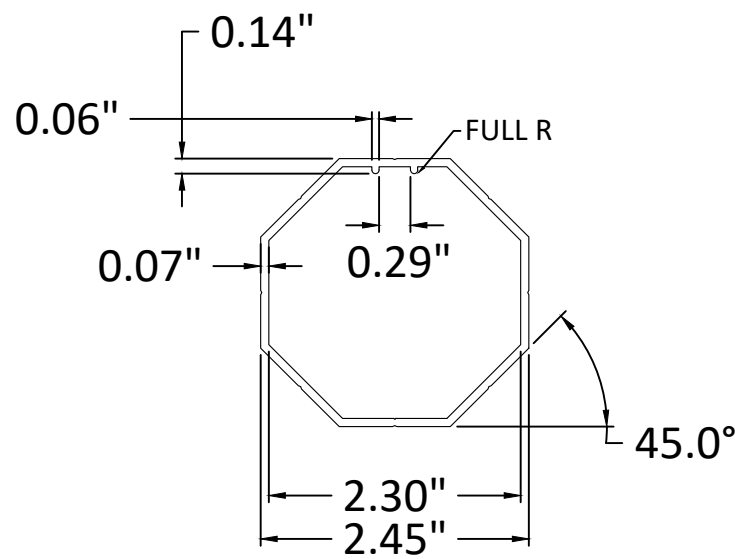
DWG. #: PRG003

SHEET: OF 34

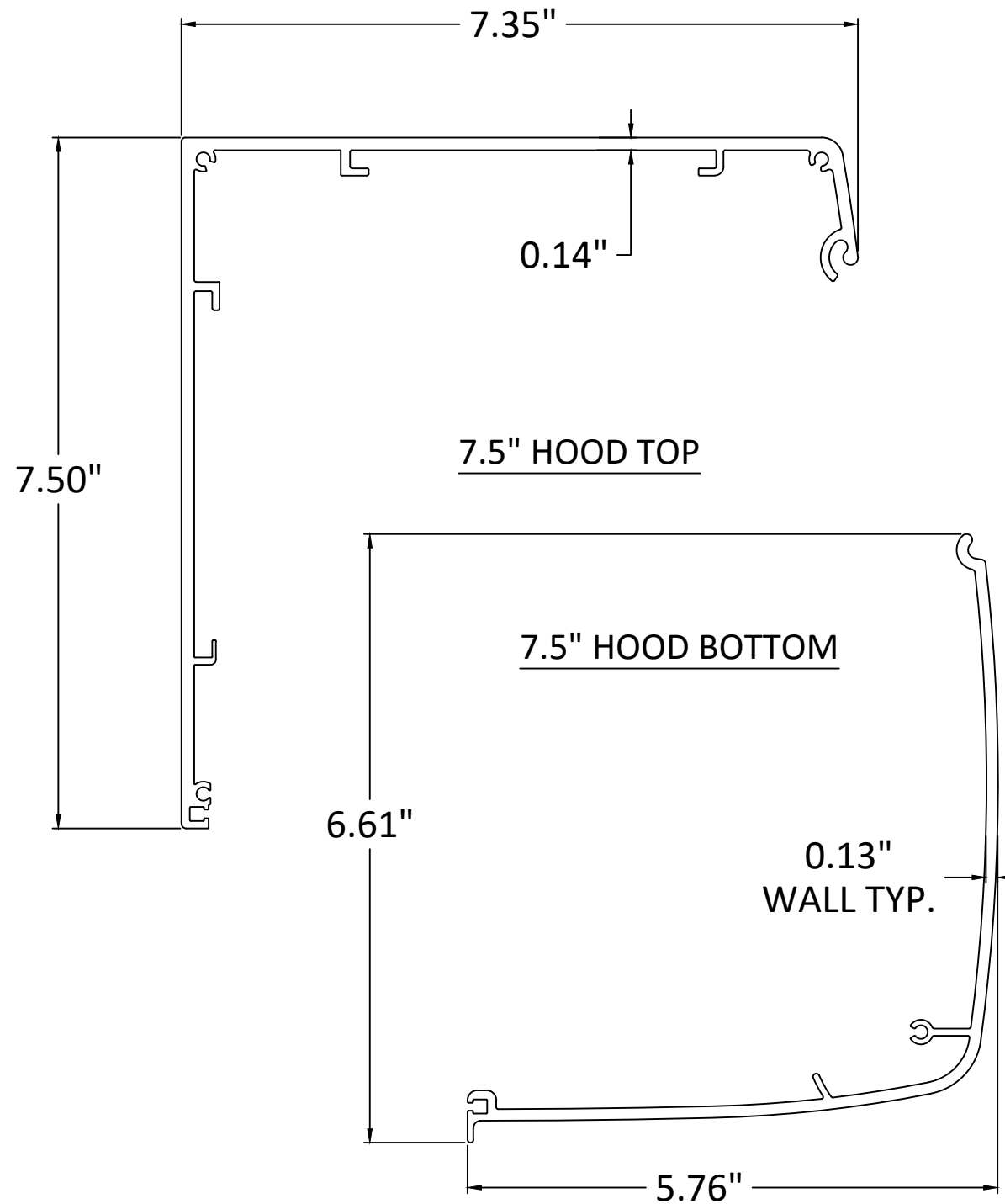
# 5.75" TUBE AND 7.5" EXTRUDED HOOD DETAILS



**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

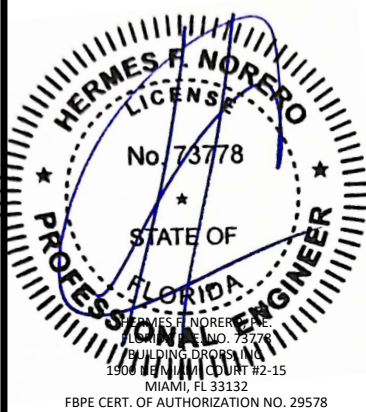
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER  
(HVHZ) (IMPACT)  
5.75" TUBE & 7.5" EXTRUDED HOOD  
DETAILS

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
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: FL30798

DATE: 10.15.19

DWG. BY: SM/AR

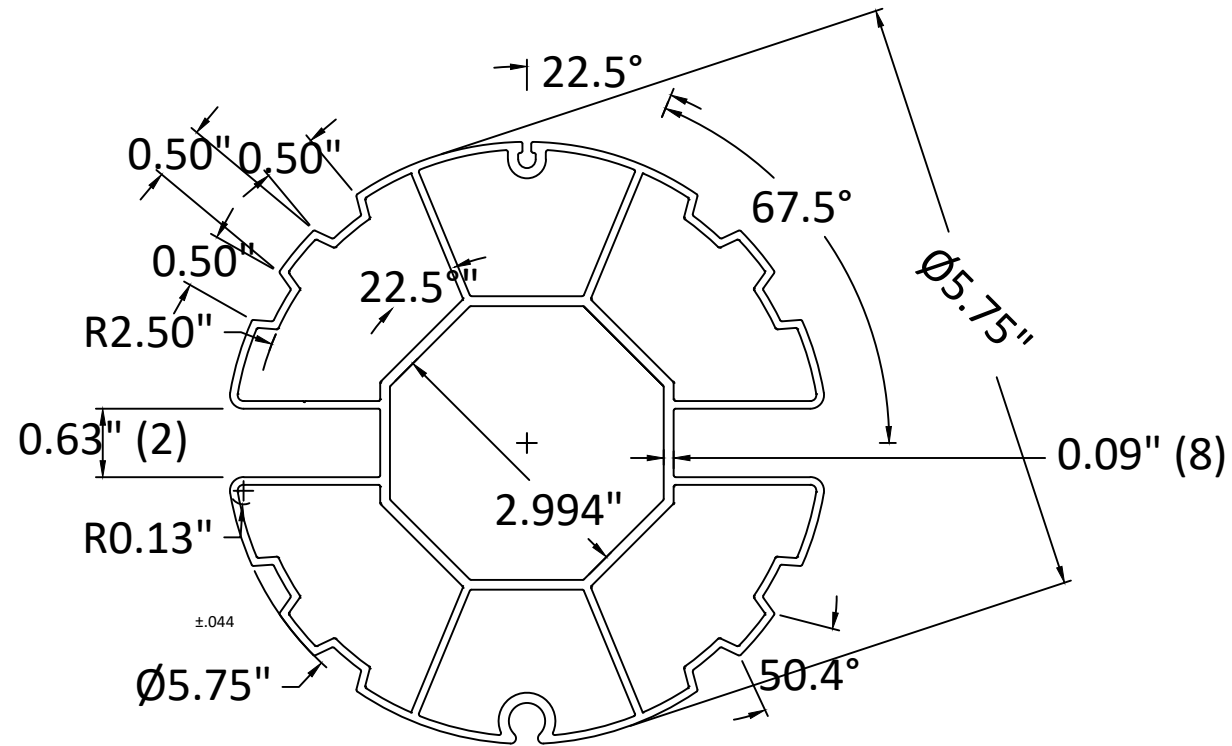
CHK. BY: HFN

SCALE: NTS

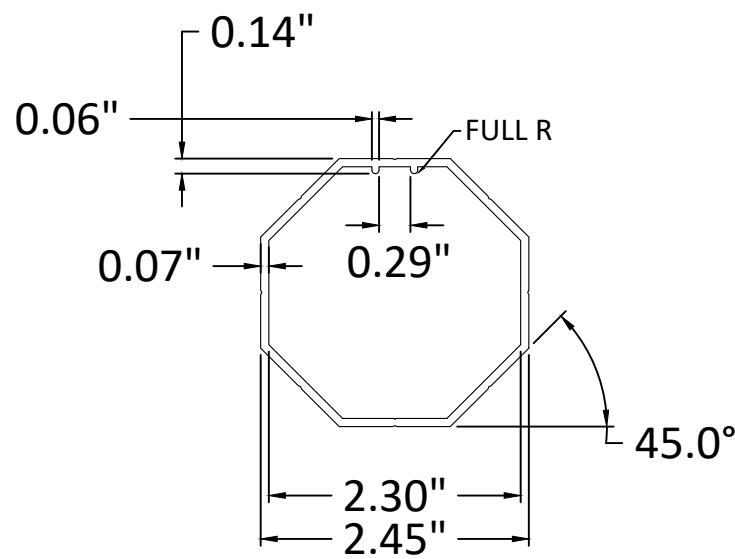
DWG. #: PRG003

SHEET: OF 34

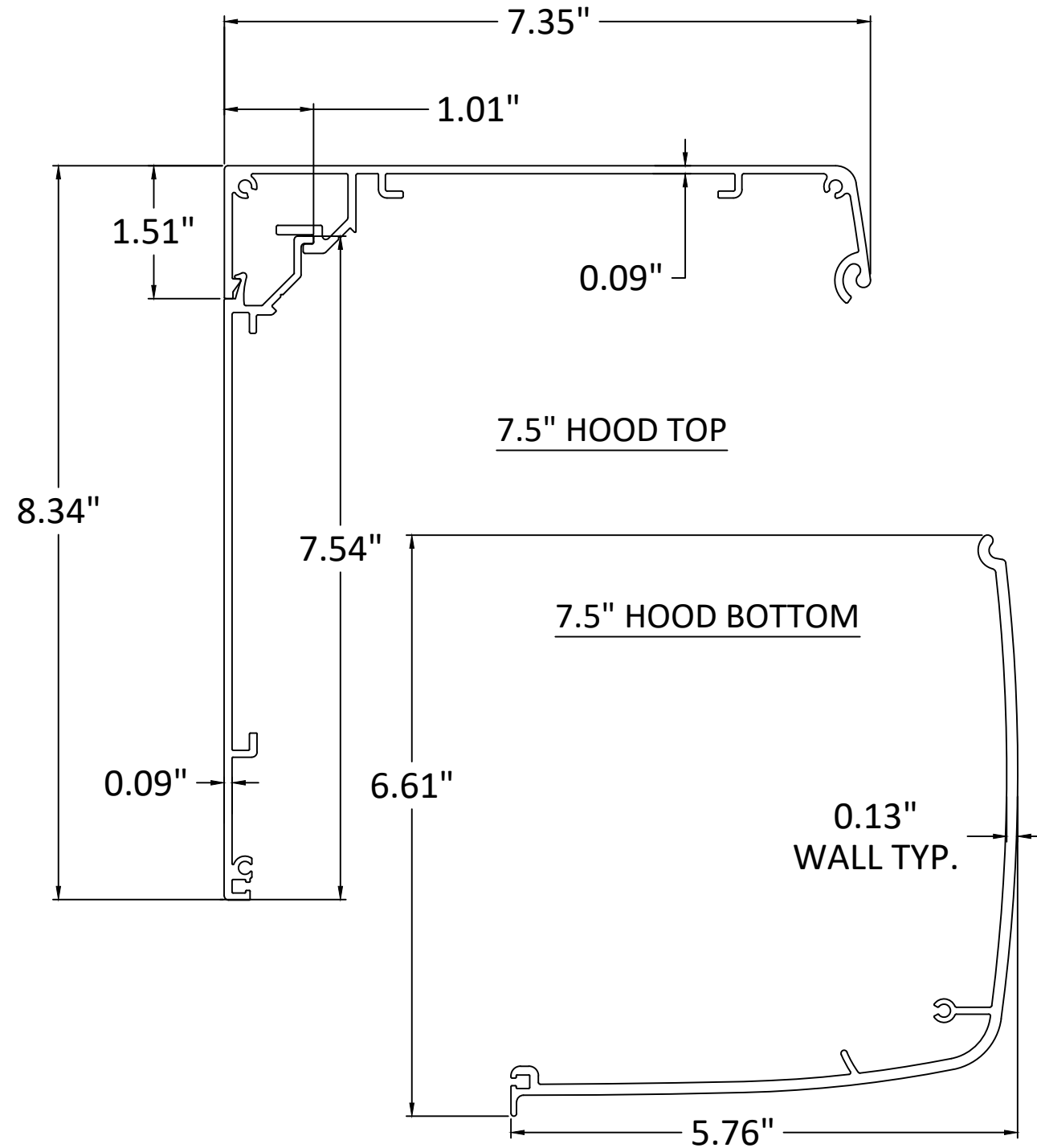
# 5.75" TUBE AND 7.5" EXTRUDED HOOD DETAILS



**5.75" TUBE**



**60 MM OCTAGONAL TUBE**



**7.5" HOOD TOP**

**7.5" HOOD BOTTOM**

0.13" WALL TYP.

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



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

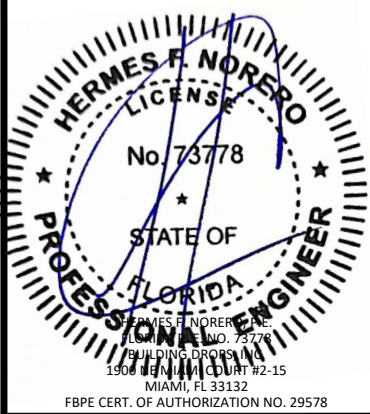
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER  
(HVHZ) (IMPACT)  
5.75" TUBE & 7.5" EXTRUDED HOOD  
DETAILS

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
NEW TESTING UPDATE	SH	2/10/22
FBC UPDATE	SM	9/26/23
HOOD UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

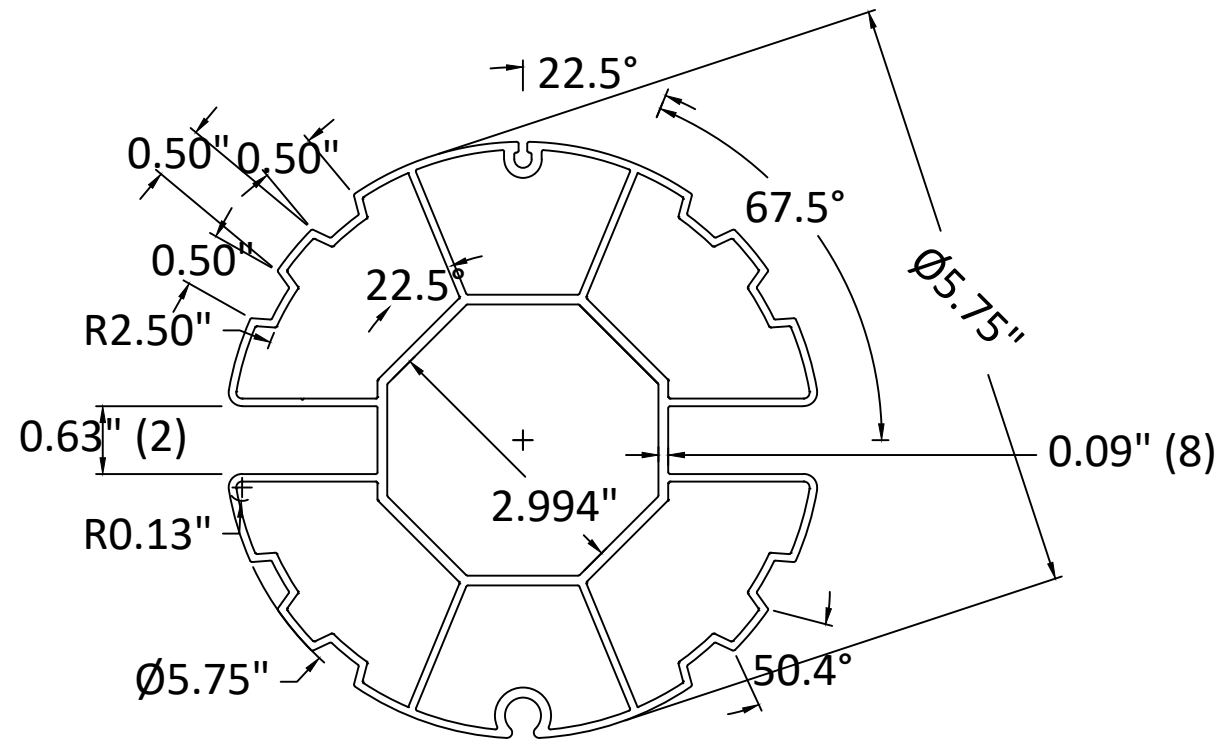
DWG. BY: **SM/AR** CHK. BY: **HFN**

SCALE: **NTS**

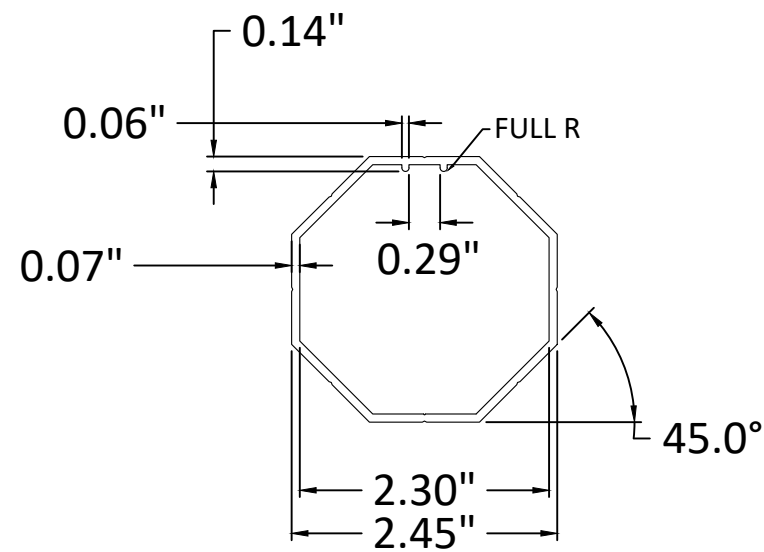
DWG. #: **PRG003**

SHEET: **OF 34**

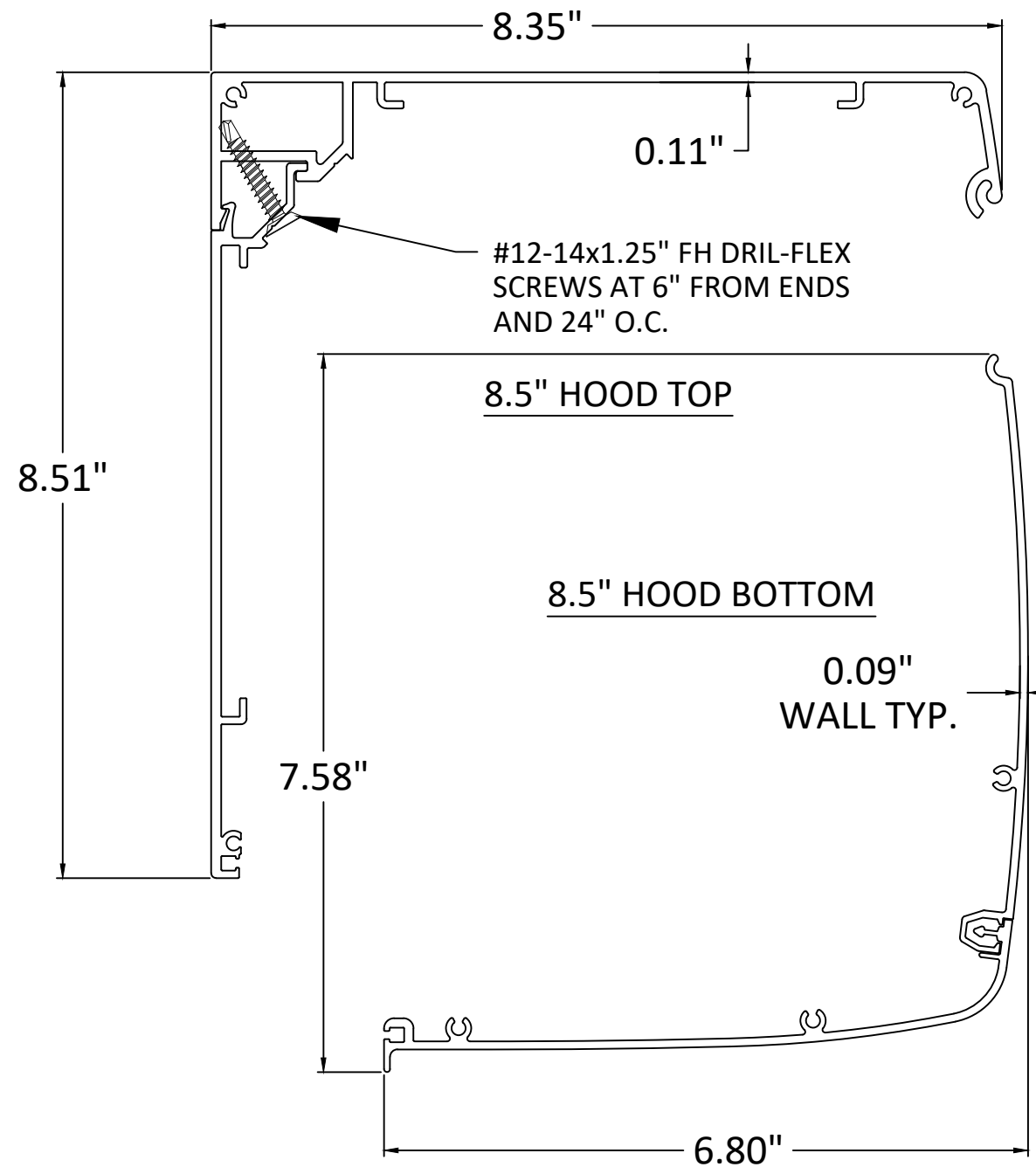
# 5.75" TUBE AND 8.5" EXTRUDED HOOD DETAILS



**5.75" TUBE**



**60 MM OCTAGONAL TUBE**



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



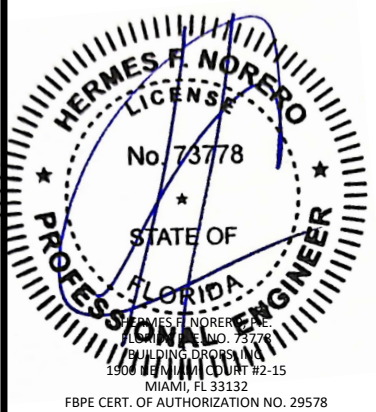
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: 10.15.19

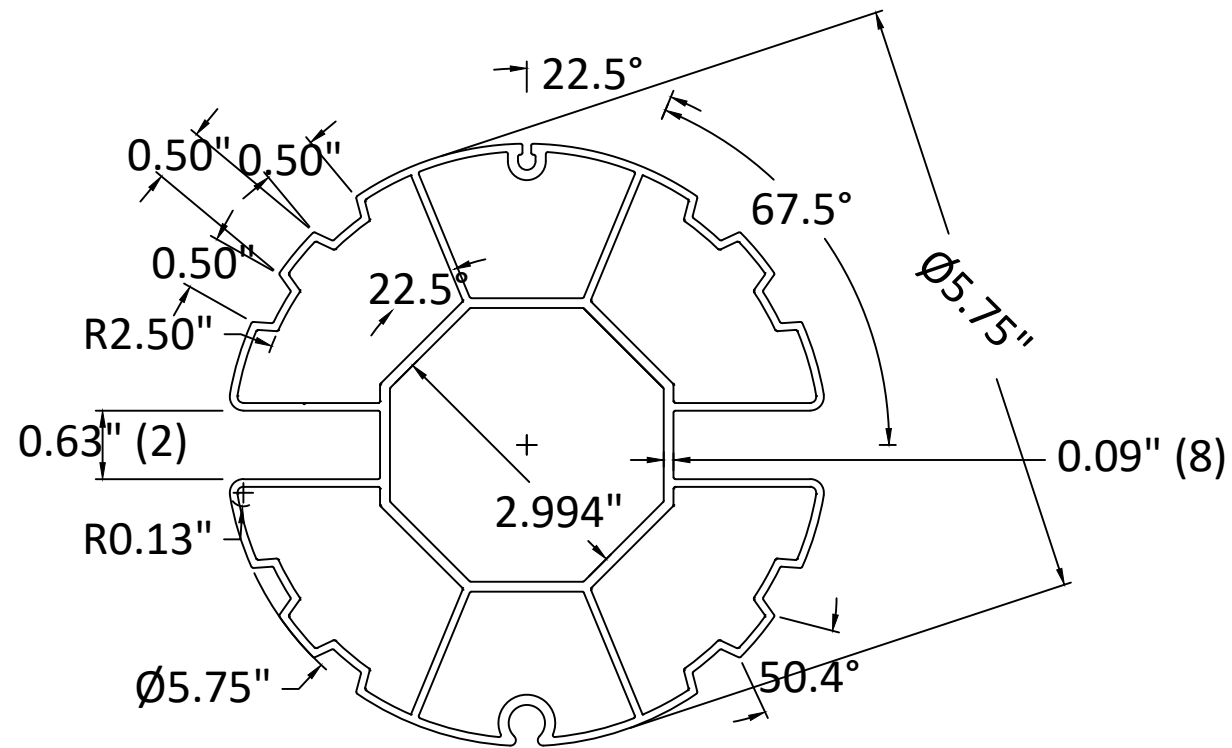
DWG. BY: SM/AR  
CHK. BY: HFN

SCALE: NTS

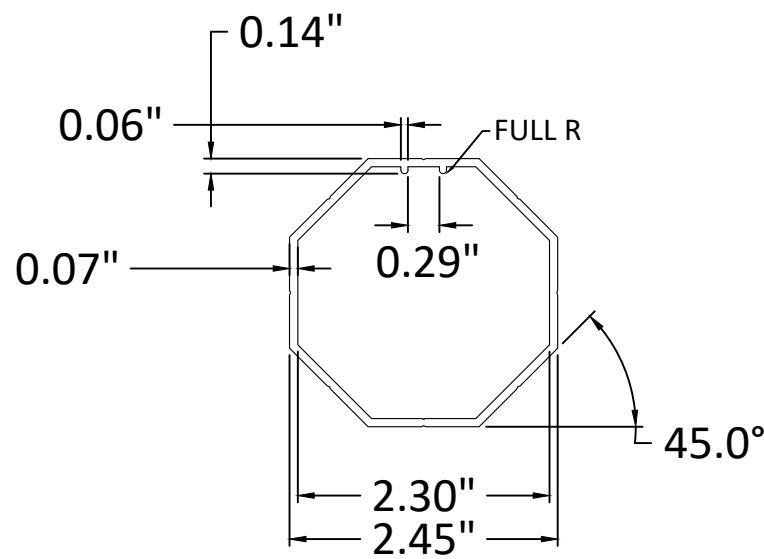
DWG. #: PRG003

SHEET: OF 34

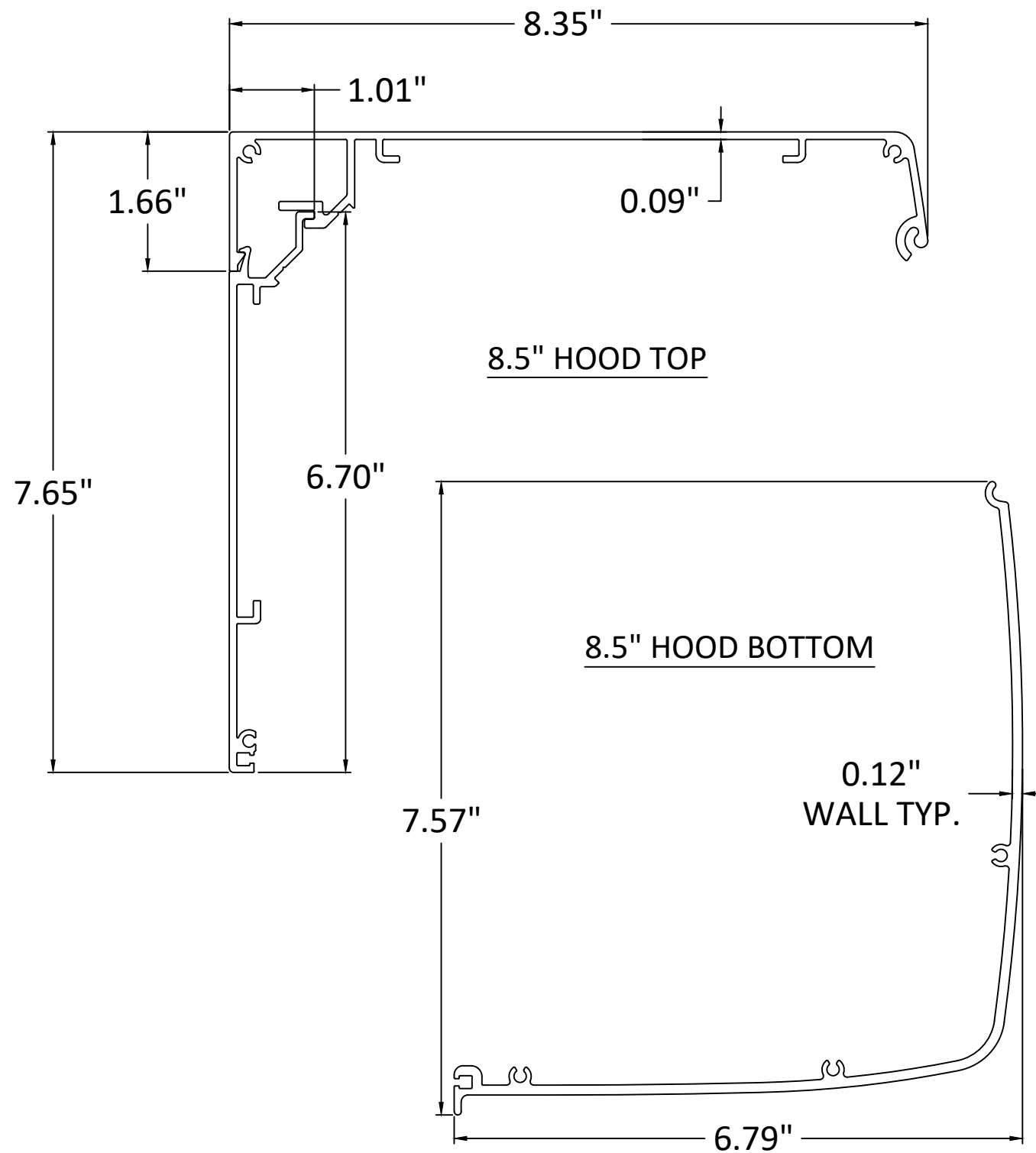
# 5.75" TUBE AND 8.5" EXTRUDED HOOD DETAILS



**5.75" TUBE**



**60 MM OCTAGONAL TUBE**



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



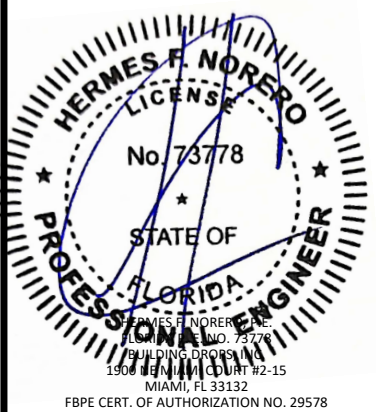
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: 10.15.19

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

SCALE: NTS

DWG. #: PRG003

SHEET: OF 34



# 6.5" TUBE AND 8" HOOD DETAILS



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

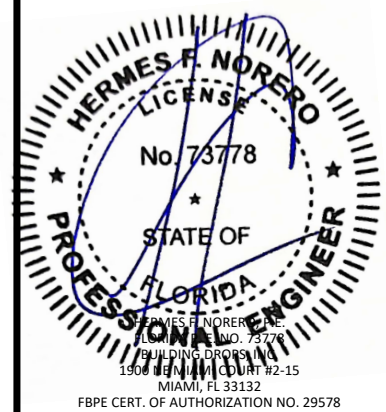
PREPARED BY:

**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



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

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.



FL#: **FL30798**

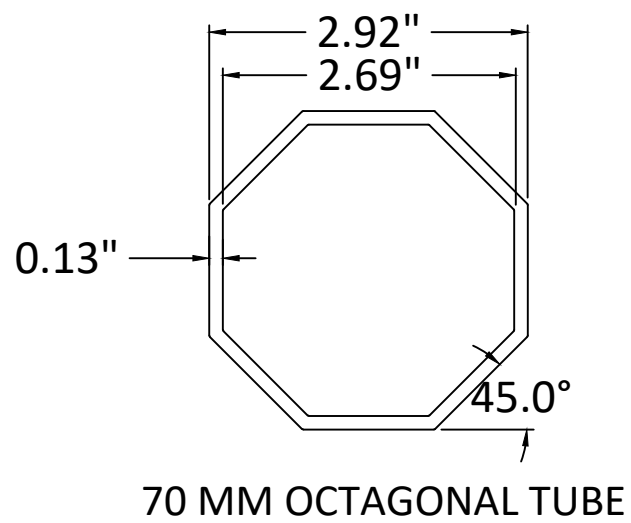
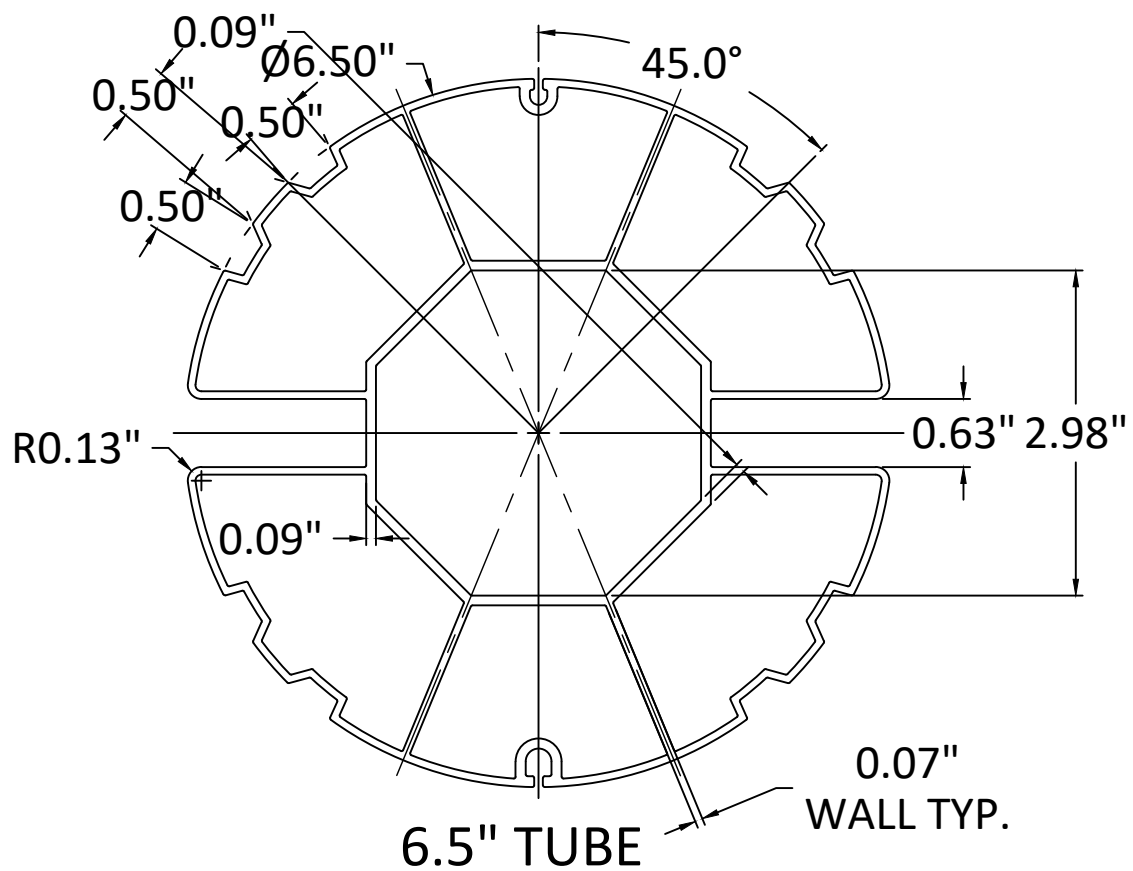
DATE: 10.15.19

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

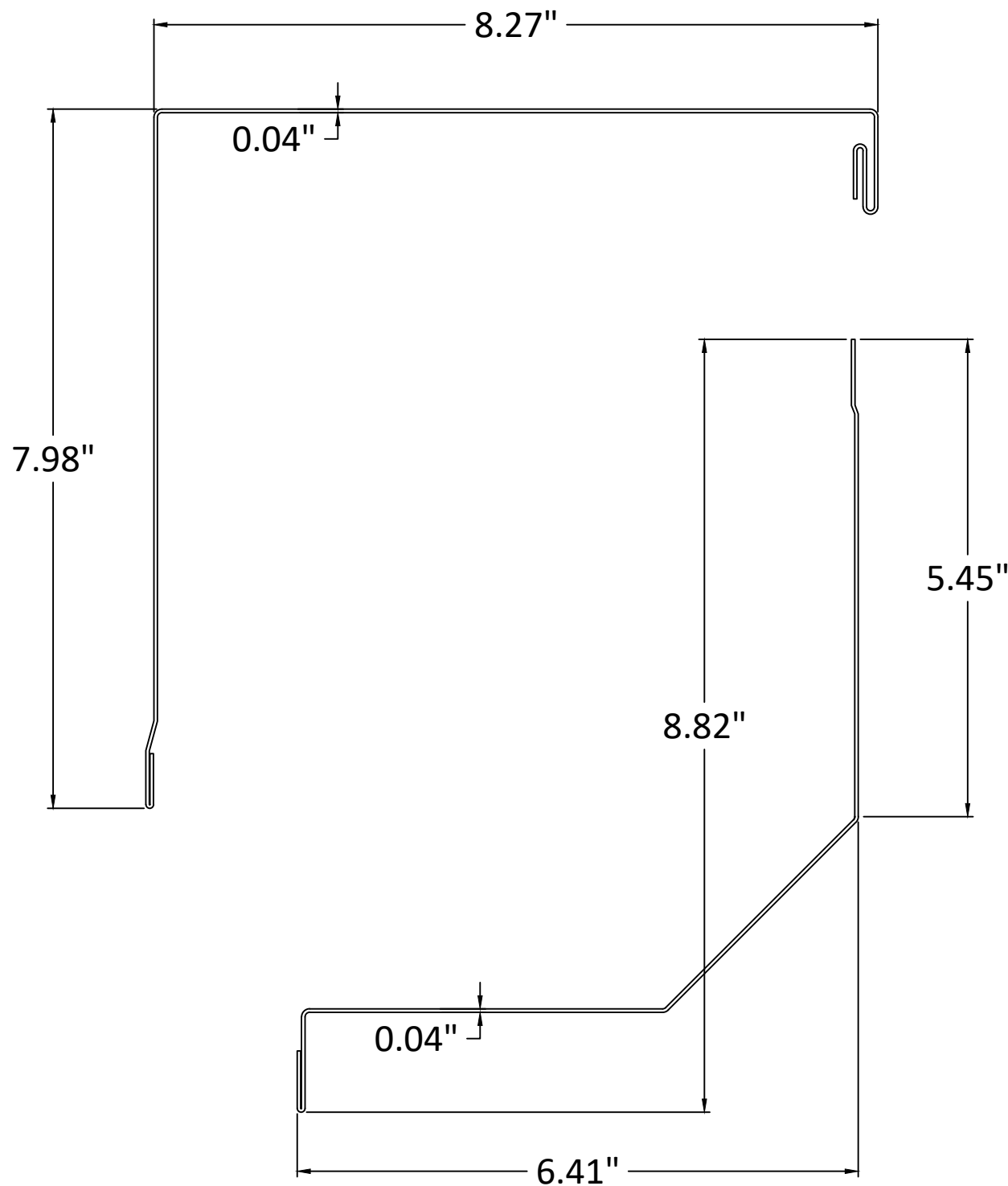
SCALE: **NTS**

DWG. #: **PRG003**

SHEET: OF 34



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



7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops\_inc\building\_drops\_projects\progressive\_screens\fbc-25-0633\_fbc\_submittal\_fl30798\_magnatrack\_hurricane\_system\_hood\_revision\dwgs\prg003.dwg



7/30/2025 7:01 PM  
c:\users\dylanwata\building\_drops, inc\building\_drops\_landing - common\projects\progressive screens\magnatrack hurricane system - hood revision\dwgs\prg003.dwg



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

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

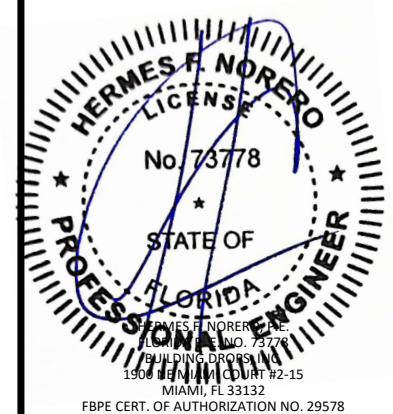
BOM & COMPONENTS

PREPARED BY:  
**BUILDING DROPS, INC.**  
1900 NE MIAMI CT, SUITE 2-15  
MIAMI, FL 33132  
PH: (954)399-8478  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

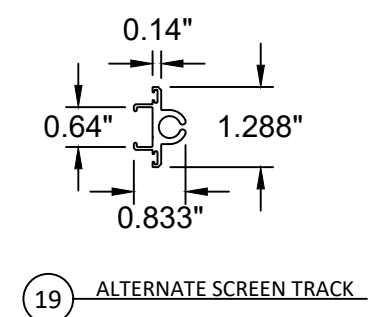
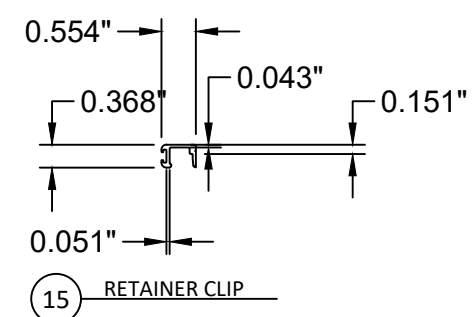
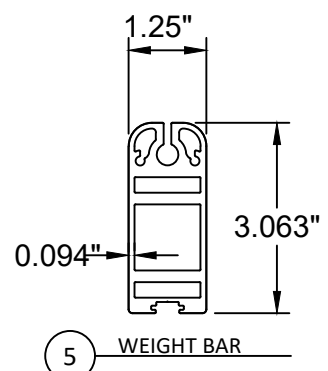
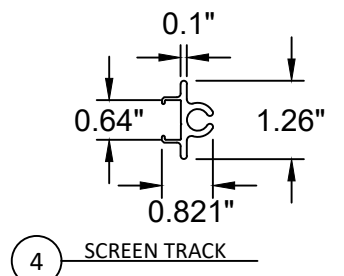
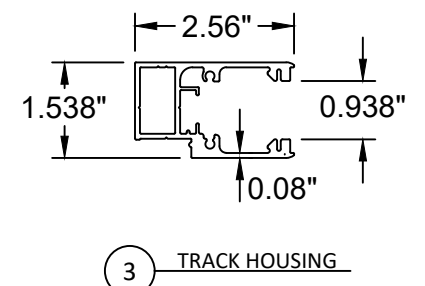
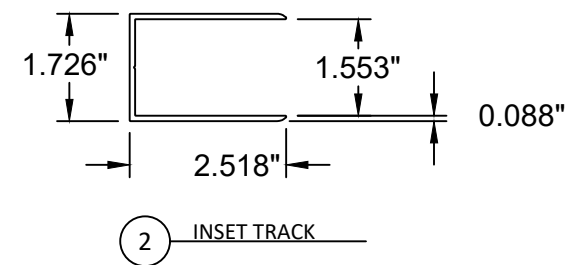
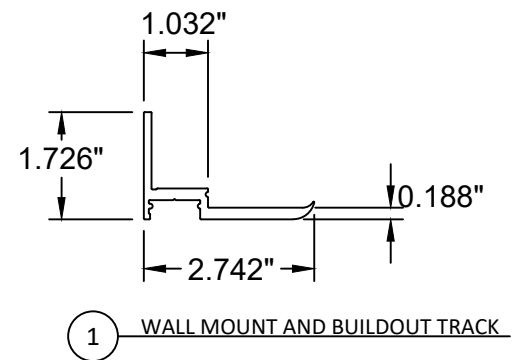
DWG. BY: <b>SM/AR</b>	CHK. BY: <b>HFN</b>
--------------------------	------------------------

SCALE: **NTS**

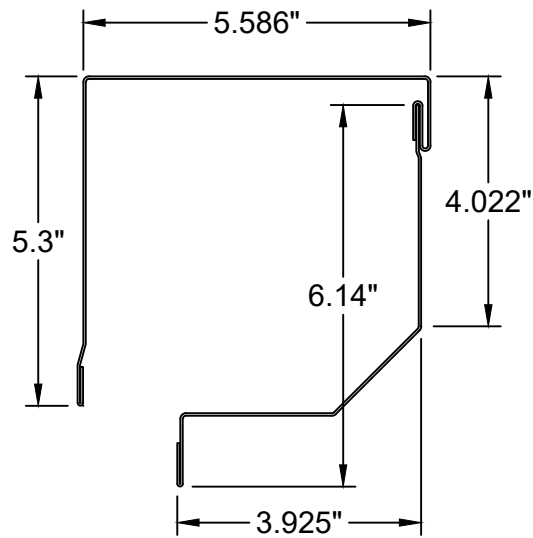
DWG. #: **PRG003**

SHEET: **31** OF 34

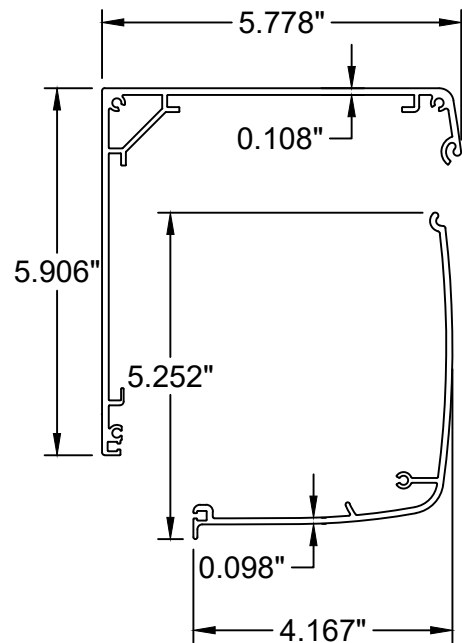
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
1	WALL MOUNT & BUILDOUT TRACK	-
2	INSET TRACK	-
3	TRACK HOUSING	-
4	SCREEN TRACK	-
5	WEIGHT BAR	-
6	5 1/2" HOOD CAP	-
7	6" EXTRUDED HOOD CAP	-
8	7 1/2" EXTRUDED HOOD CAP	-
9	8 1/2" EXTRUDED HOOD CAP	-
10	8" SL HOOD CAP	-
11	8" LL HOOD CAP	-
12	10" SL HOOD 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	-



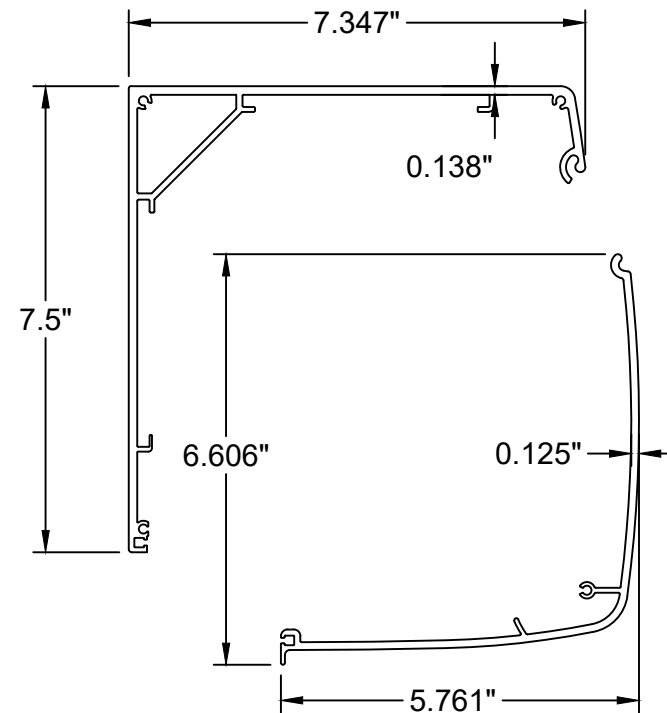
# HOOD OPTIONS



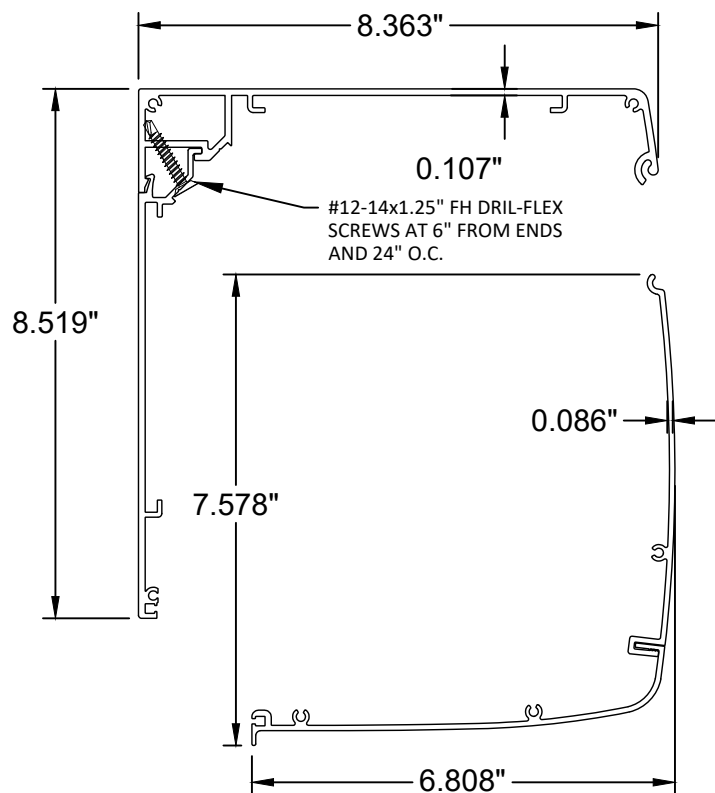
6 5 1/2" HOOD CAP



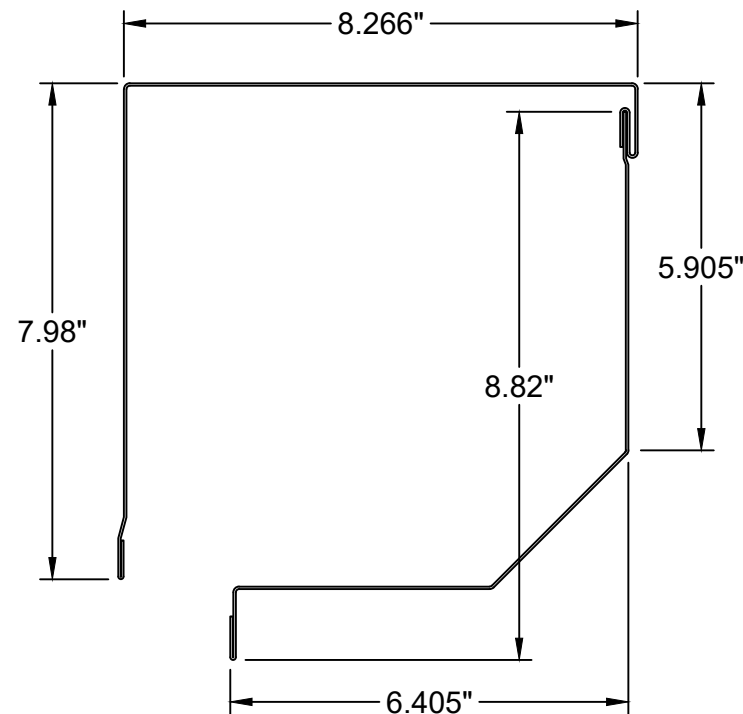
7 6" EXTRUDED HOOD CAP



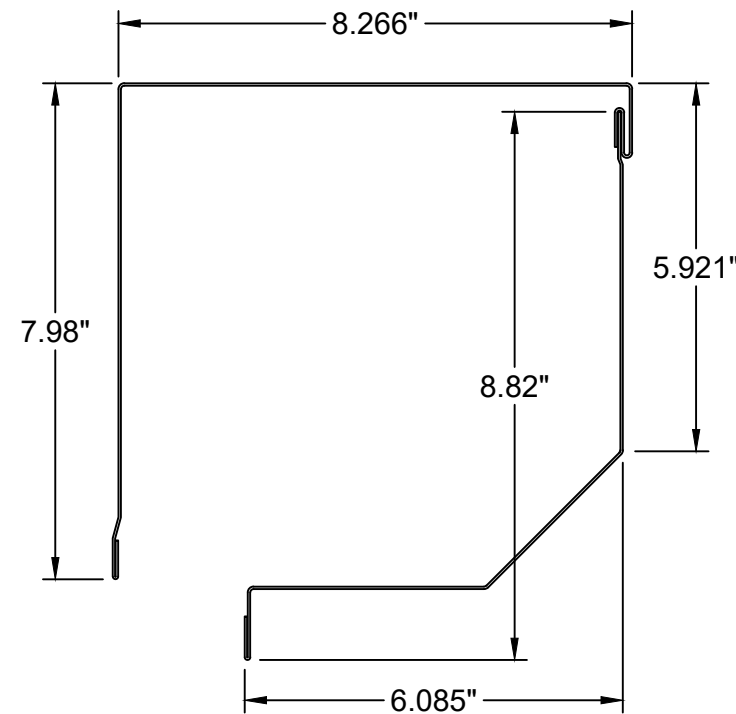
8 7 1/2" EXTRUDED HOOD CAP



9 8 1/2" EXTRUDED HOOD CAP



10 8" (SL) HOOD CAP



11 8" (LL) HOOD CAP



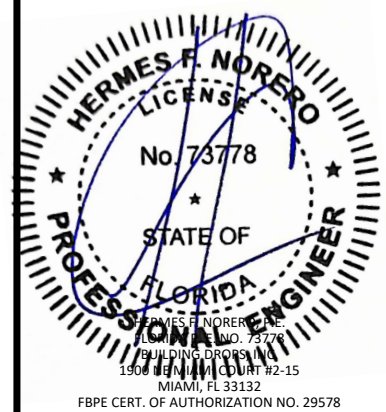
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**BD**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

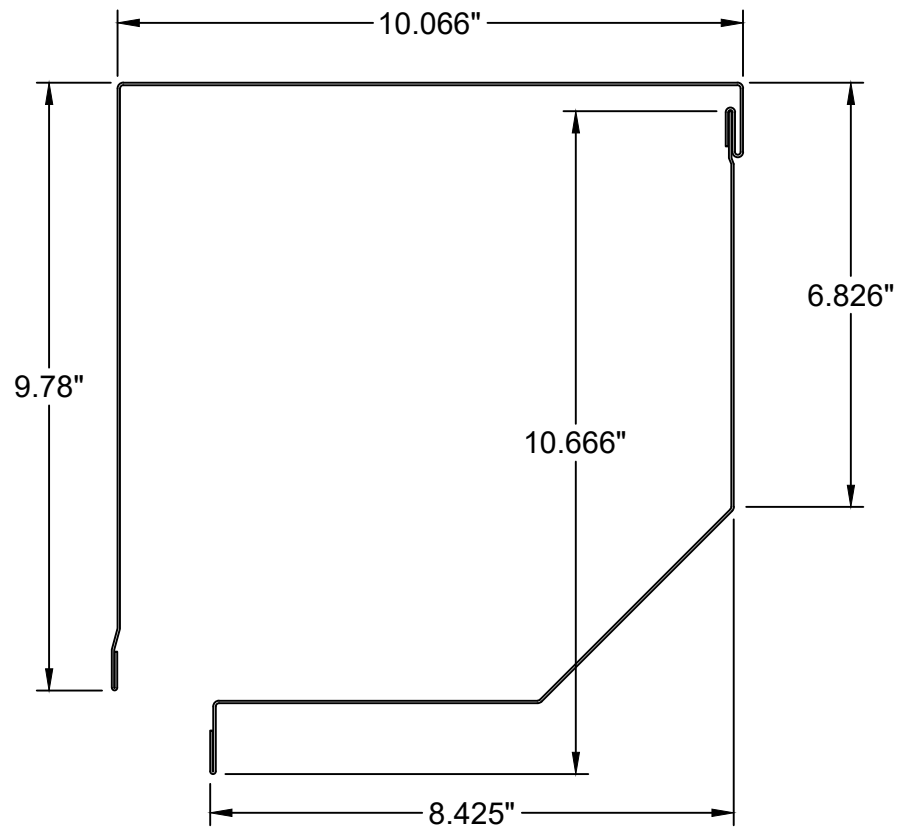
DWG. BY: <b>SM/AR</b>	CHK. BY: <b>HFN</b>
--------------------------	------------------------

SCALE: **NTS**

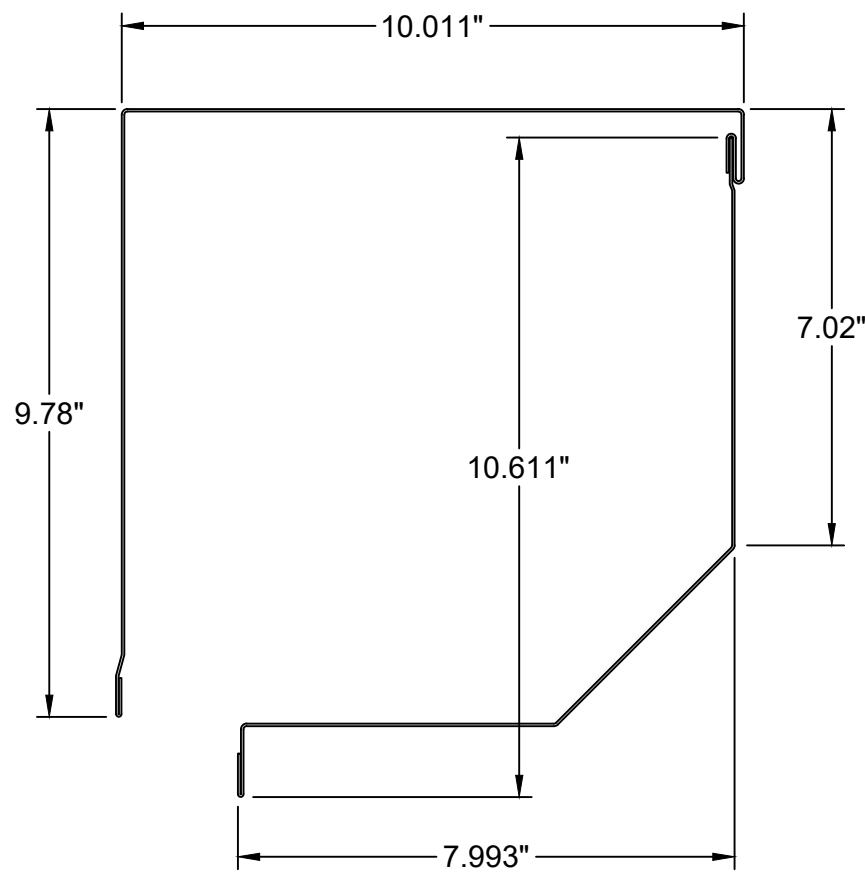
DWG. #: **PRG003**

SHEET: OF 34

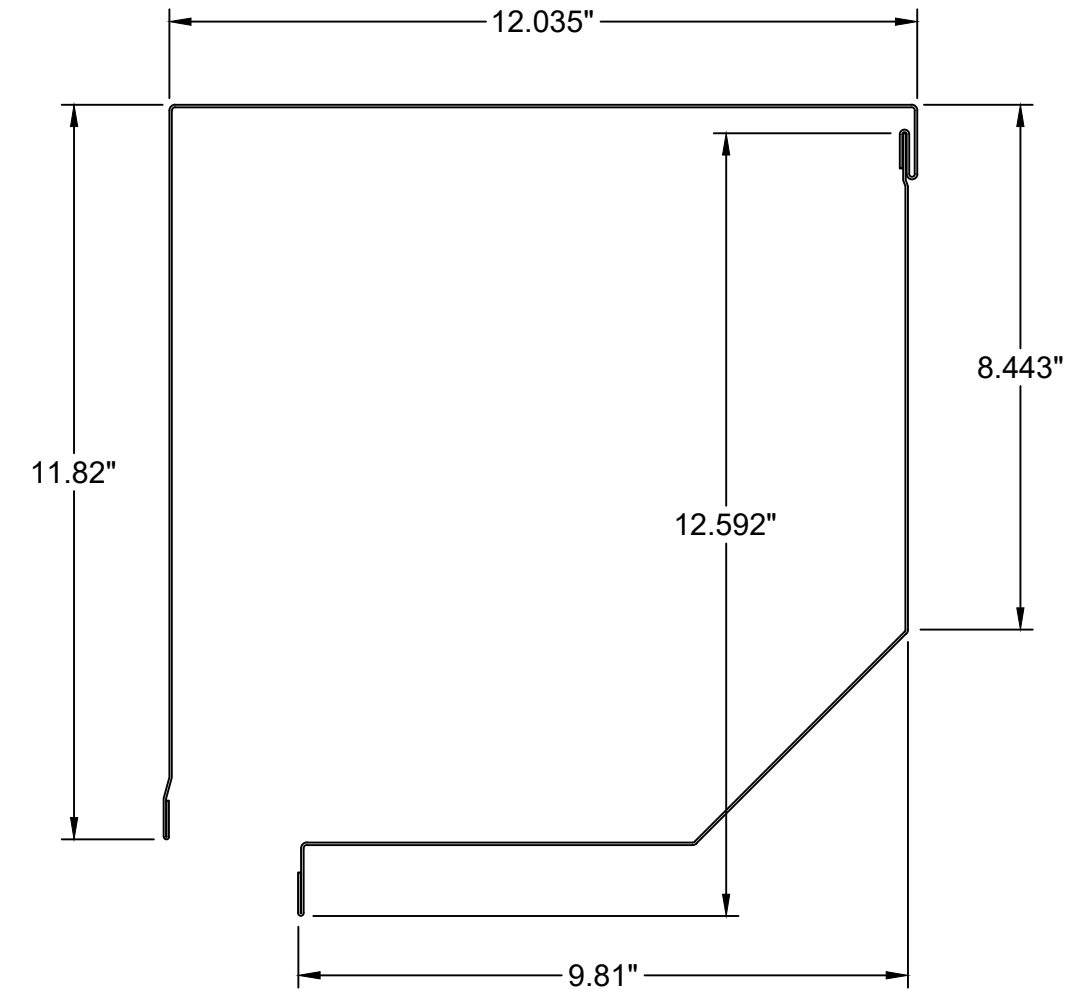
# HOOD OPTIONS (CONT)



12 10" (SL) HOOD CAP



13 10" (LL) HOOD CAP



14 12" HOOD CAP



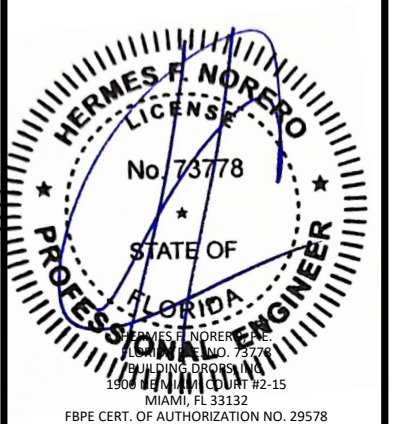
PROGRESSIVE SCREENS  
7839 FRUITVILLE ROAD  
SARASOTA, FLORIDA 34240  
PH: 866-802-0400

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

PREPARED BY:  
**B.D.**  
BUILDING DROPS  
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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#: **FL30798**

DATE: **10.15.19**

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

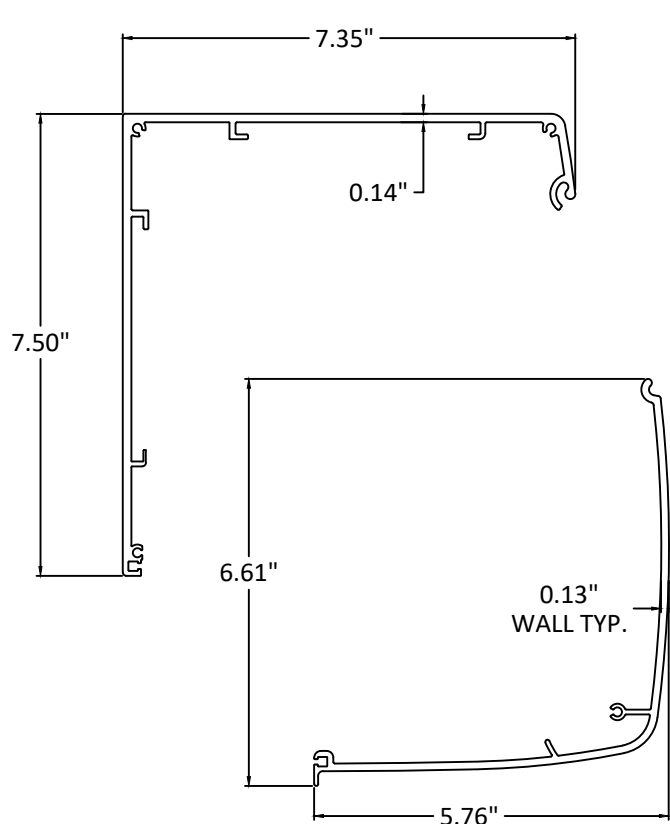
SCALE: **NTS**

DWG. #: **PRG003**

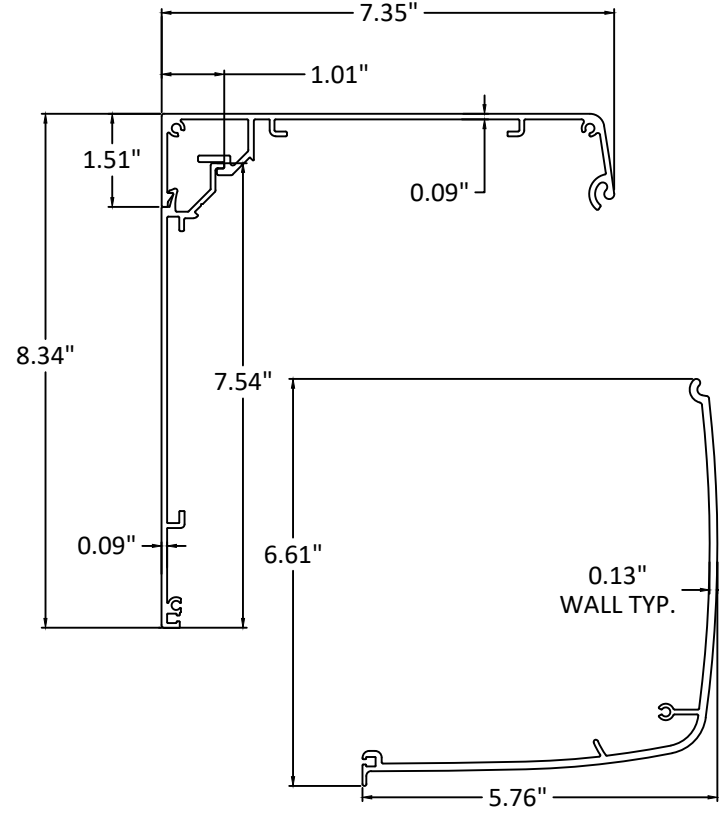
SHEET: **33** OF 34

c:\users\dylanwata\building\_drops, inc\building\_drops\_landing - common\projects\progressive screens\fbcc-25-0633 - fbc submittal - fl30798 magnatrack hurricane system - hood revision\dwgs\prg003.dwg 7/30/2025 7:01 PM

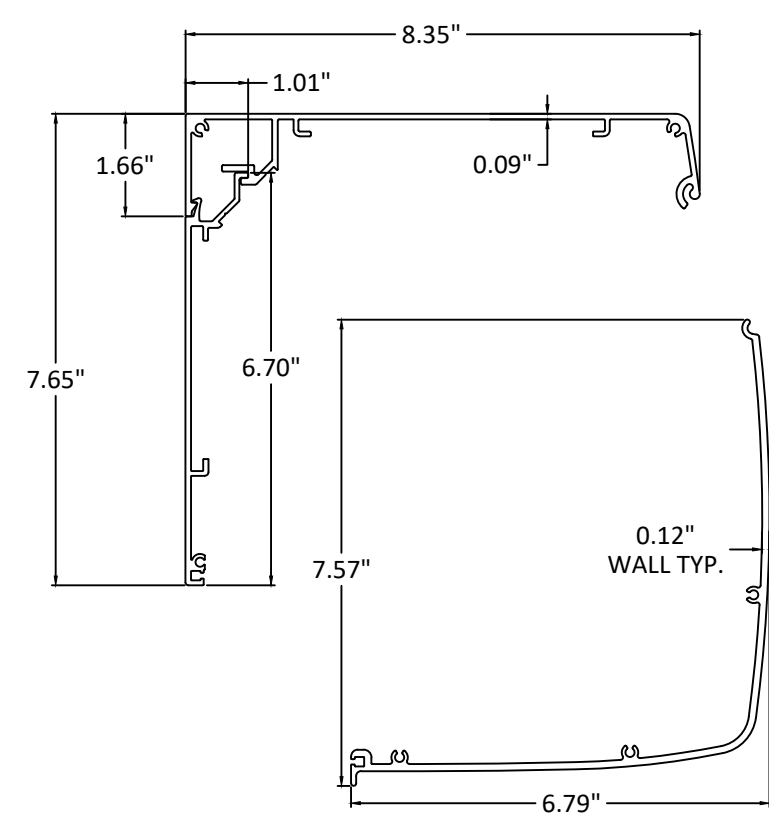
# HOOD OPTIONS (CONT)



16 7 1/2" EXTRUDED HOOD CAP



17 7 1/2" EXTRUDED HOOD CAP



18 8 1/2" EXTRUDED HOOD CAP



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

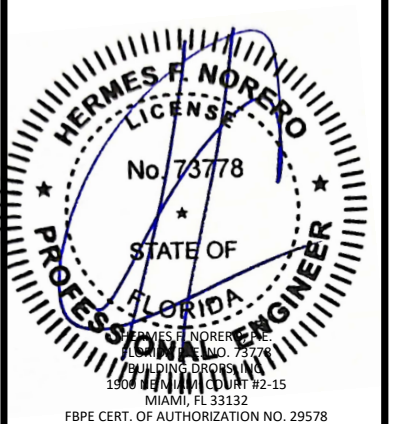
TITLE: MAGNATRACK HURRICANE SYSTEM  
FABRIC ROLL SHUTTER  
(HVHZ) (IMPACT)  
HOOD OPTIONS (CONT)

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 UPADTE	SM	9/26/23
HOOD UPADTE	DI	6/20/25

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.



FL#:

**FL30798**

DATE: 10.15.19

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

SCALE: NTS

DWG. #: PRG003

SHEET: OF 34

c:\users\dylanwata\building\_drops, inc\building\_drops landing - common\projects\progressive screens\magatrac screens\magatrac hurricane system - hood revision\dwgs\prg003.dwg 7/30/2025 7:01 PM