Sunset Inlet

Hurricane Shutter Type, Shutter Use, & Deployment Policy

(November 10, 2026)

1. Purpose

This policy establishes uniform rules for the shutter type, installation, use, and deployment of hurricane shutters within **Sunset Inlet Homeowners Association**. The goal is to protect homes during storm events while maintaining community aesthetics, ensuring safety, and complying with Florida law.

2. Approved Shutter Types

Only hurricane-rated shutters approved by the Association's Architectural Review Committee (ARC) may be installed. The current approved shutter type:

- **Roll-down "Rolling" Shutter: Single Unit Elevation, Wall Mount, No Mullins, in WHITE, Aluminum material.** Approved Hurricane Product based on Florida Building Codes.
- Current approved shutter and style guideline example attached below.

All shutters must conform to the Sunset Inlet HOA's approved color and style guidelines.

3. Deployment Rules

Shutters may only be closed under the following conditions:

- A hurricane watch or warning has been issued for the area.
- A named storm is forecast to impact the region within 72 hours.
- During an active storm event until the threat has passed. Shutters must be reopened within 72 hours after the storm threat ends unless the Sunset Inlet Homeowners Association issues a written extension.

4. Prohibition on Long-Term Closure

To maintain safety, visibility, and community appearance:

- Shutters may not remain closed outside of an active storm threat.
- Homes may not appear vacant or boarded up.
- Emergency responders must be able to see into windows when needed.

5. Seasonal & Absentee Owners

Owners who are away for an extended period (vacation/work) must:

- Ensure shutters are opened unless a storm threat exists OR an owner will be gone for short term travel during peak hurricane season. Owner needs to email an "Absentee Notification" stating the dates and length of travel/absence with Watson Association Management. Email to Susan Russo at susanrusso@watsonrealtycorp.com. Phone number: 386-246-9270
- Provide local emergency contact information.
- IF shutters must remain closed after any storm event and/or while the owner is away, an "Exception Request" must be emailed to Watson Association Management. Please email to Susan Russo at susanrusso@watsonrealtycorp.com. Phone number: 386-246-9270

6. Temporary Exceptions

Owners may request a temporary exception for shutter closure policy for:

- Medical conditions/emergencies
- Window repairs or construction

Requests must be submitted in writing to the HOA for approval and include the reason and expected duration. The HOA may approve, deny, or modify the request.

7. Inspection Access

If an owner is not home, Sunset Inlet HOA may require shutters to be opened by Law Enforcement, Emergency Responders, or Fire Safety for:

- Any safety inspection that is needed of damage done on owner's property that could affect another neighbor's home or the safety of others in the neighborhood.

Attempts will be made to contact owner, but there is no guarantee.

8. Violations & Enforcement

Failure to comply with this policy may result in:

- Written notice of violation
- Fines as permitted by Florida Statutes and Sunset Inlet HOA's governing documents.
- Mandatory corrective action

9. Responsibility of Owners

Owners are responsible for:

- Proper maintenance and appearance of shutters
- Rust and Mold free
- Ensuring shutters are operable.
- Complying with all deployment rules

10. Policy Updates:

The Board may amend this policy as needed to comply with updated building codes, safety requirements, or Florida law.

"Rolling" Shutter: Single Unit, Wall Mount,
No Mullins, in WHITE, Aluminum material



AMERICAN SHUTTER SYSTEMS ASSOCIATION, INC.

SINGLE WALL ROLL-UP HURRICANE SHUTTER
LARGE MISSILE IMPACT RESISTANT (MISSILE LEVEL D)
VALID FOR USE INSIDE AND OUTSIDE THE HVHZ (SEE LIMITATIONS HEREIN)

NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. A DESIGN PROFESSIONAL SHALL BE RESPONSIBLE FOR CERTIFYING THE APPLICATION OF THIS INFORMATION TO ANY SITE-SPECIFIC LOCATION.

GENERAL NOTES:

1. THIS SYSTEM HAS BEEN TESTED AND EVALUATED AS A LARGE MISSILE IMPACT PROTECTIVE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE EIGHTH EDITION (2023) FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE ("HVHZ"), PER ASTM E330, E1886, E1996 AND TAS 201, 202, & 203 STANDARDS. SEE PRODUCT APPROVAL EVALUATION FOR ADDITIONAL INFORMATION.
2. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED PER SEPARATE ENGINEERING IN ACCORDANCE WITH THE GOVERNING CODE. PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7 AND CHAPTER 1609 OF THE FLORIDA BUILDING CODE SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE ASD DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN.
4. DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
5. ROLL-UP MECHANISM AND HOOD ASSEMBLY ARE NOT PART OF THIS APPROVAL.
6. THIS DOCUMENT CONTAINS INFORMATION RELEVANT TO THE NECESSARY STRUCTURAL REQUIREMENTS OF THE SYSTEM INSTALLATION. COMPONENTS AND FASTENERS NOT REFERENCED WHICH ARE PART OF THE INTERNAL FABRICATION OF THE SPECIFIED SYSTEMS OR ASSEMBLIES SHALL BE PER MANUFACTURER PUBLISHED SPECIFICATIONS.
7. THE STRUCTURAL ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS BY THIS SYSTEM SHALL BE VERIFIED BY OTHERS. THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR.
8. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. IF SITE CONDITIONS DEVIATE FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS TO BE USED IN CONJUNCTION WITH THIS DOCUMENT.

SYSTEM PERFORMANCE DERIVATIONS

SYSTEM PERFORMANCE DERIVED FROM CERTIFIED TEST REPORT(S) #1127.01-19 BY AMERICAN TEST LAB OF SOUTH FLORIDA (ATL) PER TAS 201, TAS 202, TAS 203, ASTM E330, ASTM E1996 & ASTM E1886 TEST STANDARD(S).

GENERAL NOTES (CONTINUED):

9. ALL EXTRUSIONS SHALL BE MINIMUM 6063-T6 ALUMINUM ALLOY, UNLESS NOTED OTHERWISE.
10. EACH SHUTTER ASSEMBLY SHALL BEAR A PERMANENT LABEL ON THE BOTTOM OF THE HOOD FACING THE EXTERIOR, OR ANYWHERE ELSE ALLOWED PER SECTION 1709.9 OF THE FBC 2023 WITH THE FOLLOWING MINIMUM INFORMATION:

    AMERICAN SHUTTER SYSTEMS ASSOC., INC.
    WEST PALM BEACH, FL
    MISSILE LEVEL D - ASTM E1886, E1996 & E330 - TAS 201, 202 & 203
    FLORIDA PRODUCT APPROVAL NUMBER

11. ALL BOLTS & WASHERS SHALL BE ZINC COATED STEEL, GALVANIZED STEEL, OR STAINLESS STEEL WITH A MINIMUM TENSILE YIELD STRENGTH OF 60 KSI. ALL ALUMINUM 3/16"Ø OR 1/4"Ø POP RIVETS SHALL BE 7075-T6 OR STRONGER.
12. ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR PLATED AS PRESCRIBED IN THE ABOVE-NOTED BUILDING CODE.
13. CONTRACTOR IS RESPONSIBLE TO INSULATE OR PROTECT ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
14. FASTENERS SHALL BE CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3.7.2 BY THE ALUMINUM ASSOCIATION IN.C, AND ANY APPLICABLE FEDERAL, STATE AND OR LOCAL CODES.
15. REFER TO FASTENER MANUFACTURER'S PUBLISHED DATA SHEETS AND RECOMMENDATIONS FOR FASTENER INSTALLATION INSTRUCTIONS.
16. ENGINEER SEAL AFFIXED HERETO VALIDATE STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, & CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE & FEDERAL CODES & FROM DEVIATIONS OF THIS PLAN.
17. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
18. PRESSURE VALUES ON THIS APPROVAL ARE (ASD) ALLOWABLE DESIGN PRESSURES.
19. ALTERATIONS ADDITIONS OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.

RICHARD NEET, P.E.
PE# 86488 CA# 9885

RICHARD NEET LICENSE No. P.E. 86488 STATE OF FLORIDA PROFESSIONAL ENGINEER

SEPTEMBER 26, 2025

Digitally signed by Richard Neet
Date: 2025.10.22 11:22:40 -04'00'

NOTE REGARDING USE OF THIS DOCUMENT & USE OUTSIDE FLORIDA:

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SHEET INDEX	
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2	TYPICAL ELEVATION & SCHEDULES
3	PARTS
4	TYP. ELEVATIONS
5-7	INSTALLATION DETAILS
8-17	ANCHOR SCHEDULES & DETAILS

TERMINOLOGY:

THE FOLLOWING ABBREVIATIONS APPEAR IN THIS APPROVAL: "INC." FOR "INCORPORATION", "CORP." FOR "CORPORATION", "ALUM" FOR "ALUMINUM, "ASD" FOR "ALLOWABLE STRESS DESIGN", "ASTM" FOR "AMERICAN SOCIETY FOR TESTING AND MATERIALS", "CS" FOR "CARBON STEEL","CONN" FOR "CONNECTION", "EMBED" FOR "EMBEDMENT", "DIST." FOR "DISTANCE", "GA" FOR "GAUGE", "HVHZ" FOR "HIGH-VELOCITY HURRICANE ZONE", "LB" FOR "POUND", "MAX" FOR "MAXIMUM, "N.T.S." FOR "NOT TO SCALE", "PSF" FOR "POUNDS PER SQUARE FOOT (lb/ft²)", "SPECS" FOR "SPECIFICATIONS", "&" FOR "AND", "MAX" FOR "MAXIMUM", "W/" FOR "WITH", "EXIST" FOR "EXISTING, "STRUCT" FOR "STRUCTURE", "CONC." FOR "CONCRETE". CONTACT ENGINEERING EXPRESS FOR ADDITIONAL ABBREVIATION/TERMINOLOGY CLARIFICATIONS.

VISIT ECALC.IO/65152
FOR SITE-SPECIFIC DEVIATIONS & MORE INFORMATION ABOUT THIS DOCUMENT OR SCAN THIS QR CODE
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FL 31658.1

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WEST PALM BEACH, FL 33407
(800) 432-2204

SINGLE WALL ROLL-UP HURRICANE SHUTTER
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL (FSA FL#31658.1)

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	RWN	RWN	02/18/20
REV	RWN	RWN	04/14/21
2023 FBC UPDATE	MRT	RWN	10/03/23
REV	MARH	RWN	09/26/25
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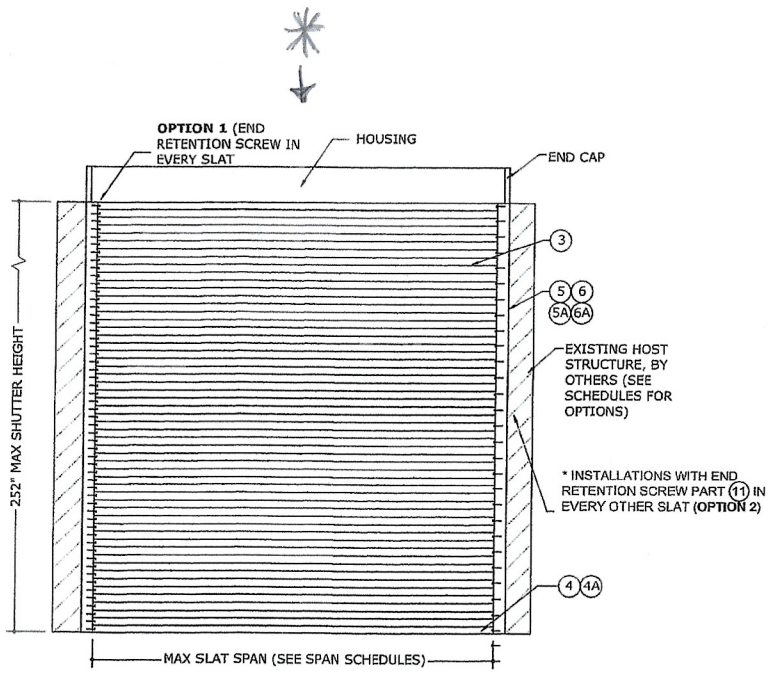
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SEPTEMBER 26, 2025

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1/2 TYPICAL ROLL-UP SHUTTER
N.T.S. EXTERIOR ELEV

SEE REMAINING SHEETS FOR COMPLETE ELEVATION OPTIONS

SINGLE WALL SLATS (3)

SLAT SPAN SCHEDULE		
	ALLOWABLE DESIGN PRESSURE	
SLAT SPAN	OPTION 1 END RET. SCREW (11) EVERY SLAT	OPTION 2 END RET. SCREW (11) EVERY OTHER SLAT*
75.0"	± 150.0 PSF	± 150.0 PSF
80.0"	± 143.1 PSF	± 143.1 PSF
83.5"	± 137.0 PSF	± 137.0 PSF
87.0"	± 131.7 PSF	± 131.7 PSF
90.5"	± 127.0 PSF	± 127.0 PSF
94.0"	± 122.7 PSF	± 122.7 PSF
97.5"	± 118.9 PSF	± 118.9 PSF
101.0"	± 115.5 PSF	± 115.0 PSF
104.5"	± 112.3 PSF	± 110.0 PSF
108.0"	± 109.4 PSF	± 105.0 PSF
111.5"	± 106.8 PSF	± 100.0 PSF
115.0"	± 104.3 PSF	± 95.0 PSF
118.5"	± 102.1 PSF	± 90.0 PSF
120.0"	± 100.0 PSF	± 85.0 PSF
134.0"	± 94.4 PSF	± 76.9 PSF
146.0"	± 88.9 PSF	± 68.1 PSF
158.0"	± 83.4 PSF	± 60.3 PSF
170.0"	± 77.9 PSF	± 52.2 PSF
182.0"	± 72.4 PSF	± 45.0 PSF
194.0"	± 66.8 PSF	
206.0"	± 61.3 PSF	
218.0"	± 55.8 PSF	
230.0"	± 50.3 PSF	
241.5"	± 45.0 PSF	

* SEE ELEVATION VIEW ON THIS SHEET FOR ADDITIONAL REQUIREMENTS AS WELL AS PART (11) DETAIL IN THIS DRAWING

GLASS SEPARATION SCHEDULE		
SLAT SPAN	INSTALLATIONS ≤ 30' ABOVE GRADE	INSTALLATIONS > 30' ABOVE GRADE
75.0"	5.8"	5.8"
80.0"	7.0"	5.9"
83.5"	7.0"	6.1"
87.0"	7.0"	6.2"
90.5"	7.0"	6.4"
94.0"	7.0"	6.5"
97.5"	7.0"	6.7"
101.0"	7.0"	6.9"
104.5"	7.0"	7.0"
108.0"	7.2"	7.2"
111.5"	7.5"	7.5"
115.0"	7.7"	7.7"
118.5"	8.0"	8.0"
120.0"	8.3"	8.3"
134.0"	10.5"	8.6"
146.0"	10.5"	8.8"
158.0"	10.5"	9.0"
170.0"	10.5"	9.2"
182.0"	10.5"	9.4"
194.0"	10.5"	9.6"
206.0"	10.5"	9.9"
218.0"	10.5"	10.1"
230.0"	10.5"	10.3"
241.5"	10.5"	10.5"

SPAN SCHEDULE NOTES:

- SLAT SPAN IS DEFINED AS THE DISTANCE BETWEEN RAILS FOR SINGLE SPAN ASSEMBLIES.
- LINEAR INTERPOLATION BETWEEN SHUTTER SPANS IS NOT PERMITTED. FOR SPANS BETWEEN THOSE INDICATED ABOVE, THE DESIGN PRESSURES FOR THE NEXT HIGHER SPAN SHALL BE USED.
- ▨ = CONDITION NOT APPROVE FOR USE.

GLASS SEPARATION NOTES:

- SLAT SPAN IS DEFINED AS THE DISTANCE BETWEEN RAILS FOR SINGLE SPAN ASSEMBLIES.
- SEPARATION FROM GLAZING IS REQUIRED **ONLY** IN ASTM WIND ZONE 4 AND THE HVHZ.
- LINEAR INTERPOLATION BETWEEN SHUTTER SPANS IS NOT PERMITTED. FOR SPANS BETWEEN THOSE INDICATED ABOVE, THE SEPARATION FROM GLASS FOR THE NEXT HIGHER SPAN SHALL BE USED.

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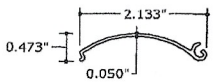
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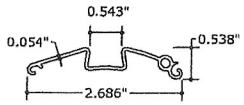
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SEPTEMBER 26, 2025

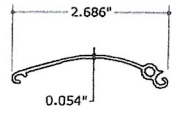
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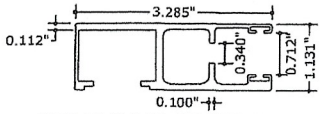
1 STARTER SLAT
N.T.S. 6063-T6 ALUM



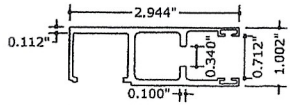
2 FINGER PULL SLAT
N.T.S. 6063-T6 ALUM
(1) PER SHUTTER AS APPLICABLE



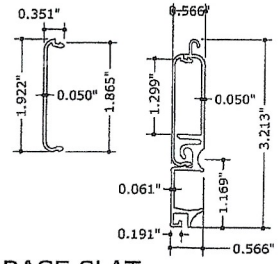
3 SINGLE WALL SLAT
N.T.S. 6063-T6 ALUM



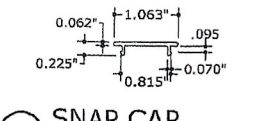
6 SIDE RAIL TYPE 2
N.T.S. 6063-T6 ALUM



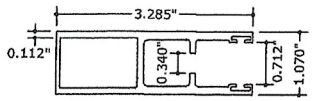
5 SIDE RAIL TYPE 1
N.T.S. 6063-T6 ALUM



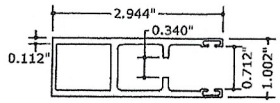
4 BASE SLAT
N.T.S. 6063-T6 ALUM
(OPTIONAL COMPONENT)



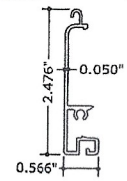
7 SNAP CAP
N.T.S. 6063-T6 ALUM



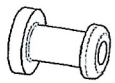
6A SIDE RAIL TYPE 2 (CLOSED)
N.T.S. 6063-T6 ALUM



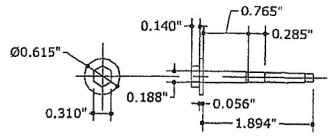
5A SIDE RAIL TYPE 1 (CLOSED)
N.T.S. 6063-T6 ALUM



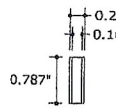
4A SHORT BASE SLAT
N.T.S. 6063-T6 ALUM
(OPTIONAL COMPONENT)



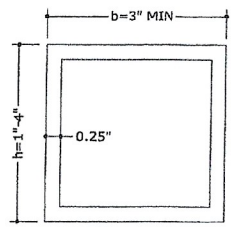
8 END CAP W/ MONOLITHIC SCREW SLEEVE
N.T.S. (LEFT SHOWN, RIGHT IS MIRROR)
RIGID NYLON, 76-78 TYPE "O" SHORE HARDNESS



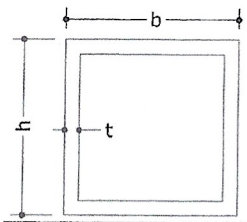
11 #8-32 410 S.S. SCREW
#8-32 X 1.894" AISI 410 S.S. SCREW W/ 0.31" DIAM HV MARKED HEAD & T=0.064" X 0.620" DIAM MONOLITHIC WASHER W/ BERTHA H.V. DACROSHIELD COATING SYSTEM AS MANUFACTURED BY APPROVED COATING APPLICATORS REGISTERED WITH AMERICAN SHUTTER SYSTEM ASSOCIATION. **SEE SHEET 1 FOR SCREW REQUIREMENTS, ALWAYS REQUIRED FOR BASE SLAT FOR ALL INSTALLATIONS**



9 EXTENDED SCREW SLEEVE W/O END CAP
N.T.S. RIGID NYLON, 76-78 TYPE "O" SHORE HARDNESS

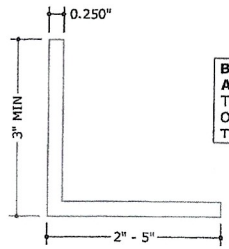


12 BUILD-OUT MOUNTED TUBES
N.T.S. 6063-T6



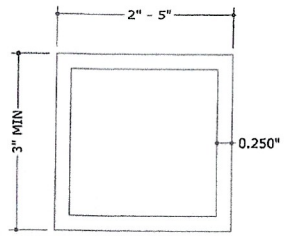
MULLIONS	b	h	t
24	4"	6"	0.250"
25	4"	8"	0.250"
26	4"	4"	0.250"

MULLIONS
N.T.S. 6061-T6 OR 6005-T5



13 TRAPPED ANGLE
N.T.S. 6063-T6 ALUM

BUILD-OUT TUBES AND TRAPPED ANGLE NOTES: FOR 2X ANGLES OR TUBES, THE LONG SIDE OF THE ANGLE OR TUBE SHALL BE FLUSH AGAINST THE HOST WALL



14 OPTIONAL TRAPPED MOUNTED TUBE TO (13)
N.T.S. 6063-T6 ALUM

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(800) 432-2204

SINGLE WALL ROLL-UP HURRICANE SHUTTER
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL (FSA FL#31658.1)

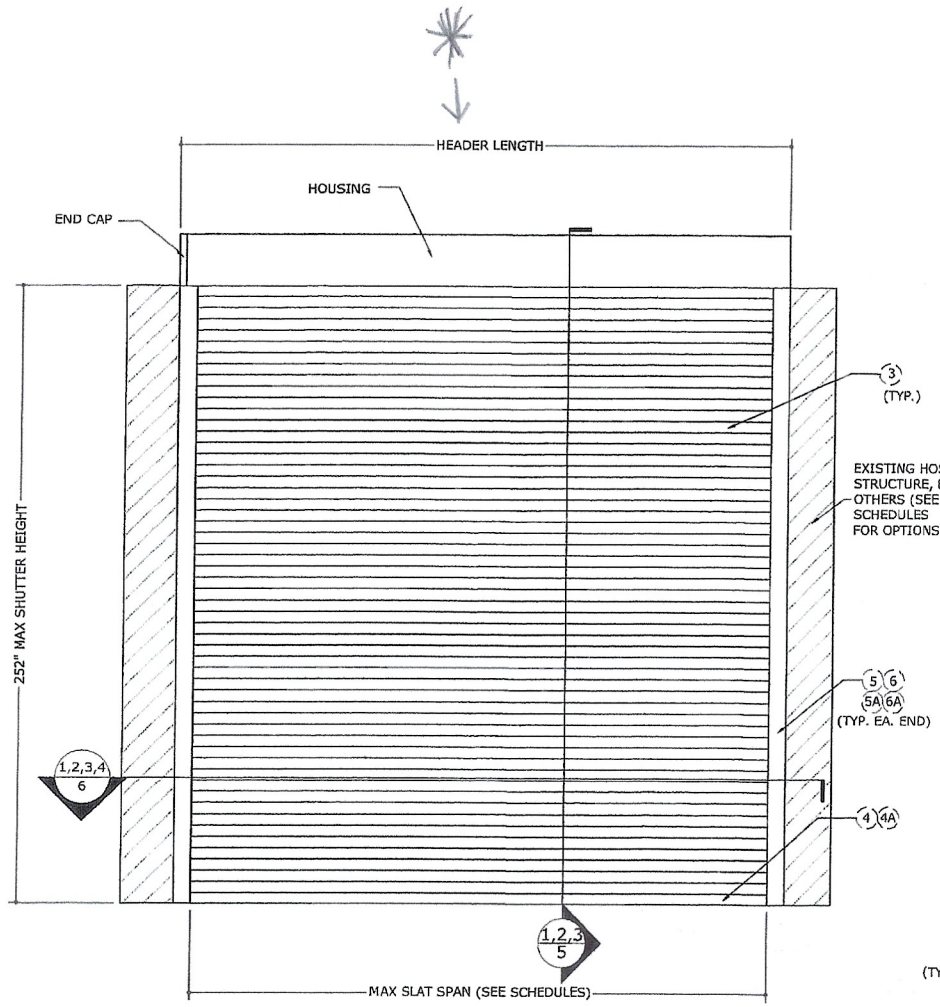
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MIT ISSUE	RWH	RWN	10/18/20
REV	RWH	RWN	04/14/21
2023 FBC UPDATE	MRT	RWN	10/03/23
REV	MARH	RWN	09/26/25

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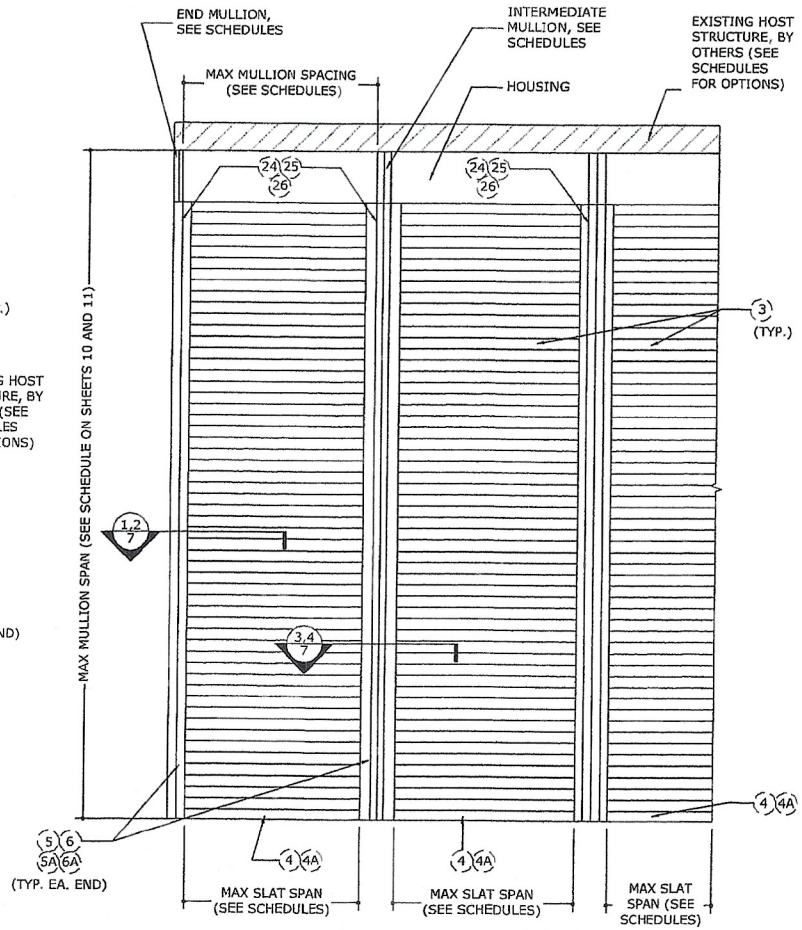
23-65152

SCALE: NTS UNLESS NOTED

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1/4 TYPICAL SINGLE UNIT ELEVATION W/O MULLIONS
N.T.S. EXTERIOR ELEV



2/4 TYPICAL CONSECUTIVE SINGLE UNIT ELEVATION WITH MULLIONS
N.T.S. EXTERIOR ELEV

RICHARD NEET, P.E.
PE# 86488 CA# 9885

RICHARD NEET LICENSE No. P.E. 86488 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/22/2025

SEPTEMBER 26, 2025

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REV1	RWN	RWN	04/14/21
2023 FBC UPDATE	MFT	RWN	10/03/23
REV	MARH	RWN	09/26/25

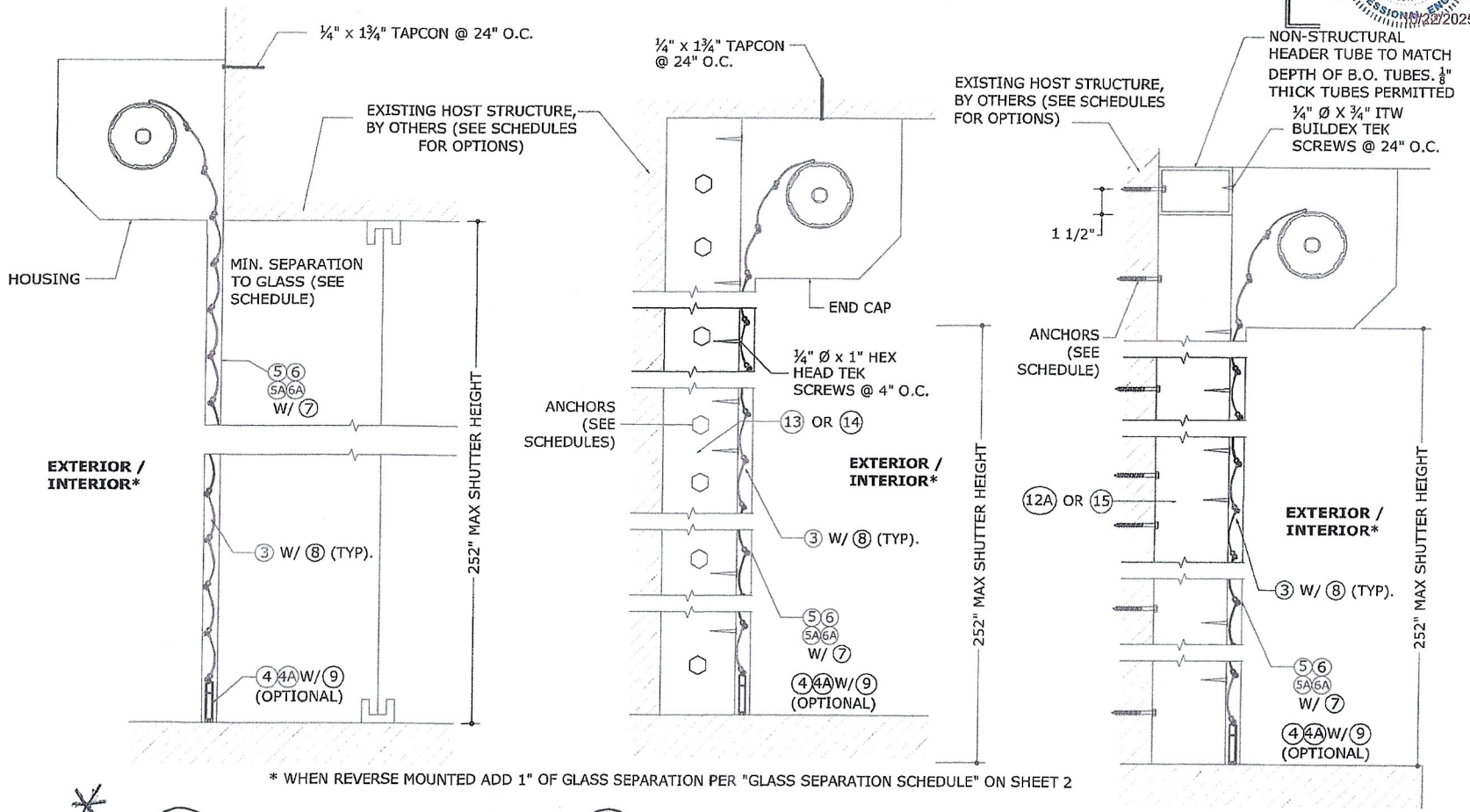
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SHUTTER ATTACHMENT TO HOST



* WHEN REVERSE MOUNTED ADD 1" OF GLASS SEPARATION PER "GLASS SEPARATION SCHEDULE" ON SHEET 2

1/5 WALL MOUNT — N.T.S. — SECTION VIEW

2/5 INSIDE/TRAPPED MOUNT — N.T.S. — SECTION VIEW

3/5 BUILD-OUT MOUNT — N.T.S. — SECTION VIEW

HOUSING NOTES:
1. HOUSING (0.040" THICK ALUM, 3105-H14 MIN)
2. END CAP (CAST ALUM, SHALL BE CAPABLE OF SUPPORTING SLAT AND LIFT MECHANISM WEIGHT)
3. 3/16" ALUM POP RIVETS (6 TOTAL PER SIDE CAP, 2 AT TO, 2 AT REAR, 2 AT BOTTOM)
4. HOOD HAS BEEN TESTED FOR IMPACT / CYCLING AND MAY BE INSTALLED WITHIN OPENING

RICHARD NEET, P.E.
PE# 86486 CA# 9885
RICHARD NEET LICENSE No. P.E. 86486 STATE OF FLORIDA PROFESSIONAL ENGINEER
11/12/2025

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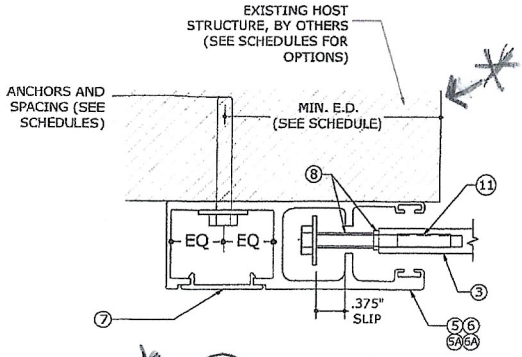
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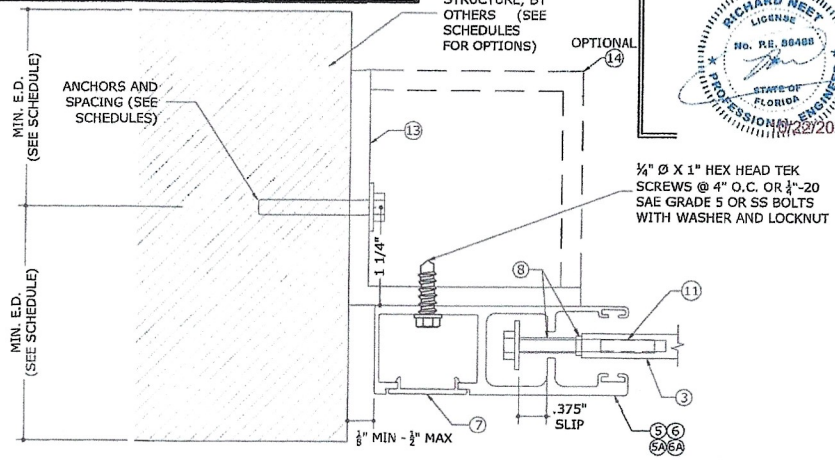
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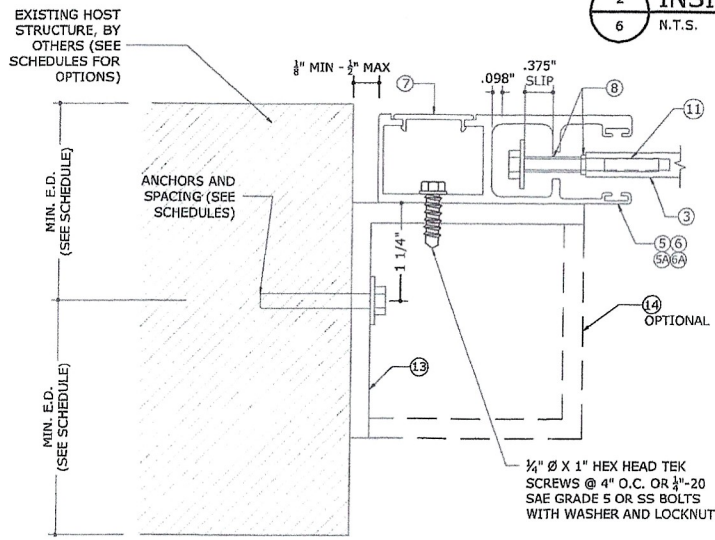
SHUTTER ATTACHMENT TO HOST



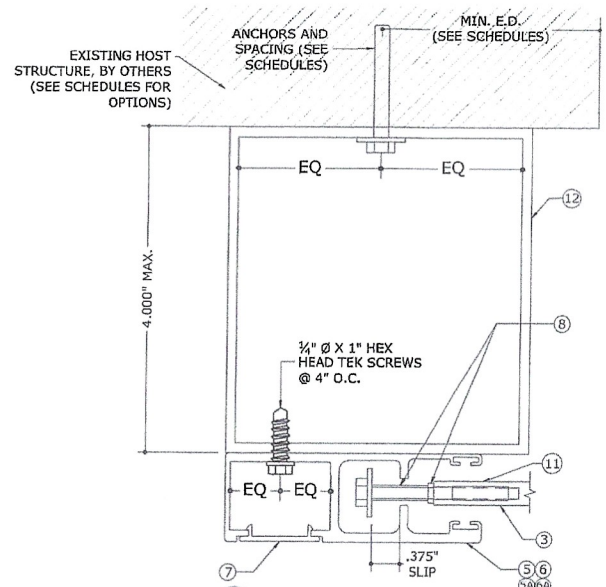
1/6 WALL MOUNT
N.T.S. SECTION VIEW



2/6 INSIDE/TRAPPED MOUNT
N.T.S. SECTION VIEW



3/6 INSIDE/TRAPPED MOUNT (REVERSED)
N.T.S. SECTION VIEW



4/6 BUILD-OUT MOUNT
N.T.S. SECTION VIEW

RICHARD NEET, P.E.
PE# 86488 CA# 9885
RICHARD NEET LICENSE No. P.E. 86488 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/26/2025

SEPTEMBER 26, 2025

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OPTION 1 ANCHOR SCHEDULE: WALL MOUNT

SLAT SPAN	DESIGN PRESSURE	Rx	Ry	MAXIMUM SPACING (O.C.)																
				1/4" DEWALT ULTRACON TO 3000 PSI MIN CONCRETE, 1.75" MIN. EMBEDMENT; 2.5" MIN EDGE DISTANCE	1/4" SS ITW TAPCON TO 3192 PSI MIN CONCRETE, 1.75" MIN EMBEDMENT; 2.5" MIN EDGE DISTANCE	5/16" HILLMAN GROUP (ALL-POINTS) SCREW TO 3000 CONCRETE 2.25" MIN EMBEDMENT; 3.125" MIN EDGE DISTANCE	5/16" HILLMAN GROUP (ALL-POINTS) SCREW TO GROUT-FILLED BLOCK, 2.25" MIN. EMBEDMENT, 3.125" MIN. EDGE DISTANCE	5/16" DEWALT ULTRACON TO 3500 PSI MIN. CONCRETE, 2" MIN EMBEDMENT; 3.125" MIN EDGE DISTANCE	5/16" ITW TAPCON			1/4" DEWALT POWER-BOLT TO 3000 PSI MIN. CONCRETE, 2.5" MIN EMBEDMENT 3" MIN. EDGE DISTANCE	1/4" LAG SCREW TO G=0.55 MIN WOOD; 1.5" MIN EMBEDMENT; 0.75" MIN EDGE DISTANCE	5/16" LAG SCREW TO G=0.42 MIN WOOD; 2" MIN EMBEDMENT; 0.75" MIN. EDGE DISTANCE	#14 WOOD SCREW TO G=0.55 MIN WOOD; 1.5" MIN EMBEDMENT; 0.75" MIN. EDGE DISTANCE	#14 410 SS SMS W/ FULL THREAD PENETRATION OR 1/4-20 410 SS THRU-BOLT TO 0.125" MIN. 6063-T6 ALUM.; 0.5" MIN. EDGE DISTANCE	5/16"-410 SS SMS W/ FULL THREAD PENETRATION OR 5/16-18 410 SS THRU-BOLT TO 0.25" MIN. 6063-T6 ALUM.; 0.625" MIN. EDGE DISTANCE	3/8" DEWALT SCREW BOLT TO 3000 PSI MIN. CONCRETE, 3.5" MIN. EMBEDMENT; 4.5" MIN EDGE DISTANCE	3/8" ELCO/DEWALT CONFLEX	
									5/16" ITW TAPCON TO GROUT-FILLED CONCRETE BLOCK, 2.25" MIN EMBEDMENT; 4" MIN EDGE DISTANCE	TO HOLLOW CONCRETE BLOCK, 1.75" MIN EMBEDMENT; 4" MIN EDGE DISTANCE									TO 1819 PSI MIN CONCRETE, 3.5" MIN EMBEDMENT 3.75" MIN EDGE DISTANCE	TO 4510 PSI MIN. CONCRETE, 3.5" MIN EMBEDMENT, 3.75" MIN. EDGE DISTANCE
76.5"	+/- 40 PSF	225.4 LB/FT	127.5 LB/FT	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"
	+/- 68 PSF	823.6 LB/FT	215.2 LB/FT	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	5.00"	6.00"	3.00"	2.50"	3.25"	6.00"	6.00"	6.00"	6.00"	6.00"
	+/- 95 PSF	1021.3 LB/FT	302.8 LB/FT	4.00"	4.25"	6.00"	6.00"	6.00"	5.75"			5.00"			2.00"	4.25"	6.00"	6.00"	6.00"	6.00"
	+/- 123 PSF	1418.6 LB/FT	390.5 LB/FT	3.00"	3.00"	5.75"	4.50"	5.50"	5.50"	4.25"		3.75"				3.00"	6.00"	6.00"	6.00"	6.00"
	+/- 150 PSF	1815.4 LB/FT	478.1 LB/FT	2.25"	2.50"	4.50"	3.50"	4.25"	4.25"	3.25"		2.75"				2.50"	5.75"	6.00"	6.00"	6.00"
108"	+/- 40 PSF	799.9 LB/FT	180.0 LB/FT	5.50"	5.75"	6.00"	6.00"	6.00"	6.00"	6.00"	4.50"	6.00"	2.50"	2.00"	2.50"	6.00"	6.00"	6.00"	6.00"	6.00"
	+/- 57 PSF	1219.4 LB/FT	256.1 LB/FT	3.50"	3.75"	6.00"	5.50"	6.00"	6.00"	5.25"		4.50"				4.00"	6.00"	6.00"	6.00"	6.00"
	+/- 75 PSF	1641.3 LB/FT	336.2 LB/FT	2.50"	2.75"	5.25"	4.00"	5.00"	5.00"	3.75"		3.25"				3.00"	6.00"	6.00"	6.00"	6.00"
	+/- 92 PSF	2062.6 LB/FT	414.4 LB/FT	2.00"		4.25"		4.00"	4.00"	3.00"		2.75"				2.25"	5.25"	6.00"	6.00"	6.00"
	+/- 109 PSF	2483.2 LB/FT	492.5 LB/FT			3.50"			3.25"							2.00"	4.25"	6.00"	6.00"	6.00"
120"	+/- 40 PSF	998.5 LB/FT	200.0 LB/FT	4.25"	4.75"	6.00"	6.00"	6.00"	6.00"	6.00"	3.75"	5.75"	2.00"		2.00"	5.00"	6.00"	6.00"	6.00"	6.00"
	+/- 55 PSF	1429.2 LB/FT	275.0 LB/FT	3.00"	3.25"	6.00"	4.75"	5.75"	5.75"	4.50"		4.00"				3.50"	6.00"	6.00"	6.00"	6.00"
	+/- 70 PSF	1853.3 LB/FT	350.0 LB/FT	2.25"	2.50"	4.75"	3.75"	4.50"	4.50"	3.50"		3.00"				2.50"	6.00"	6.00"	6.00"	6.00"
	+/- 85 PSF	2279.7 LB/FT	425.0 LB/FT			3.75"		3.75"	3.50"			2.50"				2.00"	4.75"	6.00"	6.00"	6.00"
	+/- 100 PSF	2705.5 LB/FT	500.0 LB/FT						3.00"								4.00"	6.00"	6.00"	6.00"
146"	+/- 40 PSF	1436.7 LB/FT	243.3 LB/FT	3.00"	3.25"	6.00"	4.75"	6.00"	6.00"	4.50"		4.00"				3.50"	6.00"	6.00"	6.00"	6.00"
	+/- 52 PSF	1903.7 LB/FT	317.7 LB/FT	2.25"	2.50"	4.75"	3.75"	4.50"	4.50"	3.25"		3.00"				2.75"	6.00"	6.00"	6.00"	6.00"
	+/- 64 PSF	2369.7 LB/FT	392.1 LB/FT			3.75"		3.50"	3.50"			2.50"				2.00"	4.75"	6.00"	6.00"	6.00"
	+/- 77 PSF	2834.6 LB/FT	466.5 LB/FT						3.00"								4.00"	5.75"	6.00"	6.00"
	+/- 89 PSF	3298.3 LB/FT	540.9 LB/FT														3.25"	5.00"	5.25"	6.00"
170"	+/- 40 PSF	1850.9 LB/FT	283.3 LB/FT	2.25"	2.50"	4.75"	3.75"	4.75"	4.50"	3.50"		3.25"				2.75"	6.00"	6.00"	6.00"	6.00"
	+/- 49 PSF	2301.6 LB/FT	350.4 LB/FT			4.00"		3.75"	3.75"			2.50"				2.25"	5.00"	6.00"	6.00"	6.00"
	+/- 59 PSF	2750.7 LB/FT	417.5 LB/FT						3.00"								4.00"	6.00"	6.00"	6.00"
	+/- 68 PSF	3197.6 LB/FT	484.5 LB/FT														3.50"	5.00"	5.50"	6.00"
	+/- 78 PSF	3642.4 LB/FT	551.6 LB/FT														3.00"	4.50"	4.75"	6.00"
206"	+/- 35 PSF	2212.8 LB/FT	300.4 LB/FT	2.00"		4.00"		4.00"	4.00"	3.00"		2.75"				2.25"	5.25"	6.00"	6.00"	6.00"
	+/- 42 PSF	2639.2 LB/FT	356.9 LB/FT			3.50"			3.25"							2.00"	4.25"	6.00"	6.00"	6.00"
	+/- 48 PSF	3063.5 LB/FT	413.4 LB/FT														3.75"	5.25"	6.00"	6.00"
	+/- 55 PSF	3488.8 LB/FT	469.9 LB/FT														3.25"	4.75"	5.25"	6.00"
	+/- 61 PSF	3914.1 LB/FT	526.3 LB/FT														3.00"	4.25"	4.50"	5.50"
241.5"	+/- 30 PSF	2427.4 LB/FT	301.9 LB/FT			3.75"		3.50"	3.50"			2.50"				2.25"	4.75"	6.00"	6.00"	6.00"
	+/- 34 PSF	2735.3 LB/FT	339.6 LB/FT						3.25"							2.00"	4.25"	6.00"	6.00"	6.00"
	+/- 38 PSF	3043.3 LB/FT	377.3 LB/FT														3.75"	5.50"	6.00"	6.00"
	+/- 41 PSF	3351.2 LB/FT	415.1 LB/FT														3.50"	5.00"	5.50"	6.00"
	+/- 45 PSF	3859.1 LB/FT	452.8 LB/FT														3.00"	4.50"	5.00"	6.00"

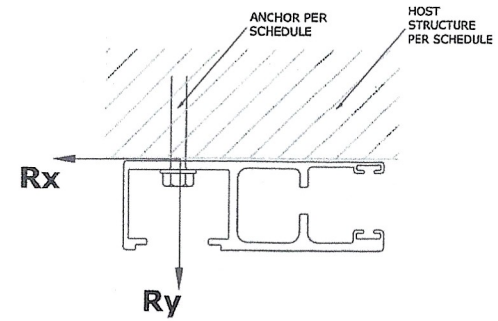
ANCHOR NOTES:

1. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
2. WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x (MIN) WOOD STUD (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING).
3. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
4. ANCHOR SCHEDULE APPLIES TO ALL PRODUCTS CERTIFIED HEREIN, BUT ONLY PROVIDES MAXIMUM ALLOWABLE ANCHOR SPACING. MAXIMUM ALLOWABLE SPANS AND PRESSURES INDICATED IN SPAN SCHEDULE SHALL APPLY.
5. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
6. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
7. MACHINE SCREWS SHALL HAVE MINIMUM OF 1/2" ENGAGEMENT OF THREADS IN BASE ANCHOR AND MAY HAVE EITHER A PAN HEAD, TRUSS HEAD, OR WAFER HEAD ("SIDEWALK BOLT") U.N.O.
8. SHEET METAL SCREWS SHALL BE INSTALLED WITH FULL ENGAGEMENT OF THREADS INTO METAL HOST STRUCTURE.
9. ▨ DESIGNATES ANCHOR CONDITIONS WHICH ARE NOT ACCEPTABLE FOR USE.
10. ANCHORS TO GROUT-FILLED BLOCK SHALL PENETRATE THROUGH FACE SHELL INTO GROUTED CELL.

ALTERNATE ANCHOR NOTE:

FOR ALL $\frac{1}{4}$" AND $\frac{5}{16}$" DIAMETER ANCHOR OPTIONS LISTED IN THE ANCHOR SCHEDULES, AN EQUIVALENT DIAMETER HILLMAN/ALL-POINTS SOLID-SET ANCHOR (CARBON OR STAINLESS STEEL) MAY BE USED IN LIEU OF THE OPTION(S) LISTED SO LONG AS THE LISTED MINIMUM EMBEDMENT, EDGE DISTANCE AND SPACING ARE ACHIEVED.

WALL MOUNT DIRECTIVE



RICHARD NEET, P.E.
PE# 86488 CA# 9885
RICHARD NEET LICENSE No. P.E. 86488 STATE OF FLORIDA PROFESSIONAL ENGINEER
10/22/2025

SEPTEMBER 26, 2025

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2023 FBC UPDATE	MRT	RWN	10/03/23	-
REV	MA/RH	RWN	09/26/25	-

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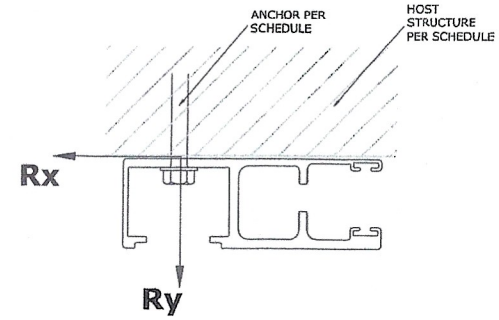
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OPTION 2 ANCHOR SCHEDULE: WALL MOUNT

SLAT SPAN	DESIGN PRESSURE	Rx	Ry	MAXIMUM SPACING (O.C.)																
				1/4" DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 1.75" MIN EMBEDMENT 2.5" MIN EDGE DISTANCE	1/4" SS ITW TAPCON TO 3192 PSI MIN. CONCRETE; 1.75" MIN EMBEDMENT 2.5" MIN EDGE DISTANCE	5/16" HILLMAN GROUP (ALL-POINTS) SCREW TO 3000 CONCRETE; 2.25" MIN EMBEDMENT, 3.125" MIN EDGE DISTANCE	5/16" HILLMAN GROUP (ALL-POINTS) SCREW TO GROUT-FILLED BLOCK, 2.25" MIN. EMBEDMENT, 3.125" MIN. EDGE DISTANCE	5/16" DEWALT ULTRACON TO 3500 PSI MIN. CONCRETE, 2" MIN. EMBEDMENT, 3.125" MIN. EDGE DISTANCE	5/16" ITW TAPCON			1/4" DEWALT POWER-BOLT TO 3000 PSI MIN CONCRETE, 2.5" MIN EMBEDMENT, 3" MIN EDGE DISTANCE	1/4" LAG SCREW TO G=0.55 MIN WOOD; 1.5" MIN EMBEDMENT, 0.75" MIN EDGE DISTANCE	5/16" LAG SCREW TO G=0.42 MIN WOOD, 2" MIN. EMBEDMENT, 0.75" MIN EDGE DISTANCE	#14 WOOD SCREW TO G=0.55 MIN WOOD; 1.5" MIN EMBEDMENT 0.75" MIN EDGE DISTANCE	#14 410 SS SMS W/ FULL THREAD PENETRATION OR 1/4-20 410 SS THRU-BOLT TO 0.125" MIN. 6063-T6 ALUM, 0.5" MIN. EDGE DISTANCE	5/16" 410 SS SMS W/ FULL THREAD PENETRATION OR 5/16-18 410 SS THRU-BOLT TO 0.25" MIN 6063-T6 ALUM, 0.625" MIN. EDGE DISTANCE	3/8" DEWALT SCREW BOLT TO 3000 PSI MIN CONCRETE, 3.5" MIN EMBEDMENT, 4.5" MIN EDGE DISTANCE	3/8" ELCO/DEWALT CONFLEX	
									TO 3000 PSI MIN CONCRETE, 2.25" MIN EMBEDMENT, 3.125" MIN EDGE DISTANCE	TO GROUT-FILLED CONCRETE BLOCK, 2.25" MIN EMBEDMENT; 4" MIN EDGE DISTANCE	TO HOLLOW CONCRETE BLOCK 1.75" MIN. EMBEDMENT; 4" MIN EDGE DISTANCE							TO 1819 PSI MIN CONCRETE, 3.5" MIN. EMBEDMENT, 3.75" MIN. EDGE DISTANCE	TO 4510 PSI MIN CONCRETE, 3.5" MIN. EMBEDMENT, 3.75" MIN. EDGE DISTANCE
76.5"	+/- 40 PSF	225.4 LB/FT	127.5 LB/FT	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"
	+/- 68 PSF	023.6 LB/FT	215.2 LB/FT	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	6.00"	5.00"	6.00"	3.00"	2.50"	3.25"	6.00"	6.00"	6.00"	6.00"	6.00"
	+/- 95 PSF	1021.3 LB/FT	302.8 LB/FT	4.00"	4.25"	6.00"	6.00"	6.00"	6.00"	5.75"		5.00"			2.00"	4.25"	6.00"	6.00"	6.00"	6.00"
	+/- 123 PSF	1418.6 LB/FT	390.5 LB/FT	3.00"	3.00"	5.75"	4.50"	5.50"	5.50"	4.25"		3.75"				3.00"	6.00"	6.00"	6.00"	6.00"
	+/- 150 PSF	1815.4 LB/FT	478.1 LB/FT	2.25"	2.50"	4.50"	3.50"	4.25"	4.25"	3.25"		2.75"				2.50"	5.75"	6.00"	6.00"	6.00"
108"	+/- 40 PSF	796.9 LB/FT	180.0 LB/FT	5.50"	5.75"	6.00"	6.00"	6.00"	6.00"	6.00"	4.50"	6.00"	2.50"	2.00"	2.50"	6.00"	6.00"	6.00"	6.00"	6.00"
	+/- 56 PSF	1192.4 LB/FT	253.1 LB/FT	3.50"	4.00"	6.00"	5.75"	6.00"	6.00"	5.25"		4.75"				4.00"	6.00"	6.00"	6.00"	6.00"
	+/- 73 PSF	1587.3 LB/FT	326.3 LB/FT	2.75"	3.00"	5.50"	4.25"	5.25"	5.25"	4.00"		3.50"				3.00"	6.00"	6.00"	6.00"	6.00"
	+/- 89 PSF	1981.8 LB/FT	399.4 LB/FT	2.00"		4.25"	3.50"	4.25"	4.00"	3.25"		2.75"				2.50"	5.50"	6.00"	6.00"	6.00"
	+/- 105 PSF	2375.7 LB/FT	472.5 LB/FT			3.50"		3.50"	3.50"							2.00"	4.50"	6.00"	6.00"	6.00"
120"	+/- 40 PSF	998.5 LB/FT	200.0 LB/FT	4.25"	4.75"	6.00"	6.00"	6.00"	6.00"	6.00"	3.75"	5.75"	2.00"		2.00"	5.00"	6.00"	6.00"	6.00"	6.00"
	+/- 51 PSF	1319.3 LB/FT	256.3 LB/FT	3.25"	3.50"	6.00"	5.25"	6.00"	6.00"	4.75"		4.25"				3.75"	6.00"	6.00"	6.00"	6.00"
	+/- 63 PSF	1639.8 LB/FT	312.5 LB/FT	2.50"	2.75"	5.25"	4.25"	5.00"	5.00"	3.75"		3.50"				3.00"	6.00"	6.00"	6.00"	6.00"
	+/- 74 PSF	1959.9 LB/FT	368.8 LB/FT	2.25"		4.50"	3.50"	4.25"	4.25"	3.25"		2.75"				2.50"	5.50"	6.00"	6.00"	6.00"
	+/- 85 PSF	2279.7 LB/FT	425.0 LB/FT			3.75"		3.75"	3.50"			2.50"				2.00"	4.75"	6.00"	6.00"	6.00"
146"	+/- 40 PSF	1436.7 LB/FT	243.3 LB/FT	3.00"	3.25"	6.00"	4.75"	6.00"	6.00"	4.50"		4.00"				3.50"	6.00"	6.00"	6.00"	6.00"
	+/- 47 PSF	1705.1 LB/FT	286.1 LB/FT	2.50"	2.75"	5.25"	4.00"	5.00"	5.00"	3.75"		3.25"				3.00"	6.00"	6.00"	6.00"	6.00"
	+/- 54 PSF	1973.3 LB/FT	328.8 LB/FT	2.25"	2.50"	4.50"	3.50"	4.25"	4.25"	3.25"		3.00"				2.50"	5.75"	6.00"	6.00"	6.00"
	+/- 61 PSF	2241.0 LB/FT	371.5 LB/FT	2.00"		4.00"		3.75"	3.75"			2.50"				2.25"	5.00"	6.00"	6.00"	6.00"
	+/- 68 PSF	2508.4 LB/FT	414.3 LB/FT			3.50"			3.25"							2.00"	4.50"	6.00"	6.00"	6.00"
170"	+/- 35 PSF	1612.1 LB/FT	247.9 LB/FT	2.75"	3.00"	5.50"	4.50"	5.25"	5.25"	4.00"		3.75"				3.25"	6.00"	6.00"	6.00"	6.00"
	+/- 39 PSF	1817.5 LB/FT	278.4 LB/FT	2.50"	2.75"	5.00"	4.00"	4.75"	4.75"	3.50"		3.25"				2.75"	6.00"	6.00"	6.00"	6.00"
	+/- 44 PSF	2022.6 LB/FT	308.8 LB/FT	2.25"		4.50"	3.50"	4.25"	4.25"	3.25"		2.75"				2.50"	5.50"	6.00"	6.00"	6.00"
	+/- 48 PSF	2227.2 LB/FT	339.3 LB/FT	2.00"		4.00"		3.75"	3.75"	3.00"		2.50"				2.25"	5.00"	6.00"	6.00"	6.00"
	+/- 52 PSF	2431.5 LB/FT	369.8 LB/FT			3.75"		3.50"	3.50"							2.00"	4.75"	6.00"	6.00"	6.00"
192"	+/- 30 PSF	1545.9 LB/FT	227.5 LB/FT	2.75"	3.25"	5.75"	4.50"	5.50"	5.50"	4.25"		3.75"				3.25"	6.00"	6.00"	6.00"	6.00"
	+/- 34 PSF	1747.0 LB/FT	255.9 LB/FT	2.50"	2.75"	5.25"	4.00"	5.00"	5.00"	3.75"		3.25"				3.00"	6.00"	6.00"	6.00"	6.00"
	+/- 38 PSF	1948.1 LB/FT	284.4 LB/FT	2.25"	2.50"	4.75"	3.75"	4.50"	4.50"	3.25"		3.00"				2.75"	5.75"	6.00"	6.00"	6.00"
	+/- 41 PSF	2149.3 LB/FT	312.8 LB/FT	2.00"		4.25"		4.00"	4.00"	3.00"		2.75"				2.50"	5.25"	6.00"	6.00"	6.00"
	+/- 45 PSF	2350.4 LB/FT	341.3 LB/FT			3.75"		3.75"	3.75"			2.50"				2.25"	4.75"	6.00"	6.00"	6.00"

ANCHOR NOTES: SEE SHEET 8 FOR ANCHOR NOTES.

WALL MOUNT DIRECTIVE



RICHARD NEET, P.E.
PE# 86488 CA# 9885

RICHARD NEET LICENSE No. P.E. 86488 STATE OF FLORIDA PROFESSIONAL ENGINEER

10/2/2025

SEPTEMBER 26, 2025

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SINGLE WALL ROLL-UP HURRICANE SHUTTER
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
FLORIDA STATEWIDE APPROVAL (FSA FL#31658.1)

REMARKS	DRWN	CHKD	DATE
INITISSUE	RWN	RWN	02/18/20
REV	RWN	RWN	04/14/21
2023 FBC UPDATE	MRT	RWN	10/03/23
REV	MARH	RWN	09/26/25
-	-	-	-
-	-	-	-
-	-	-	-

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