

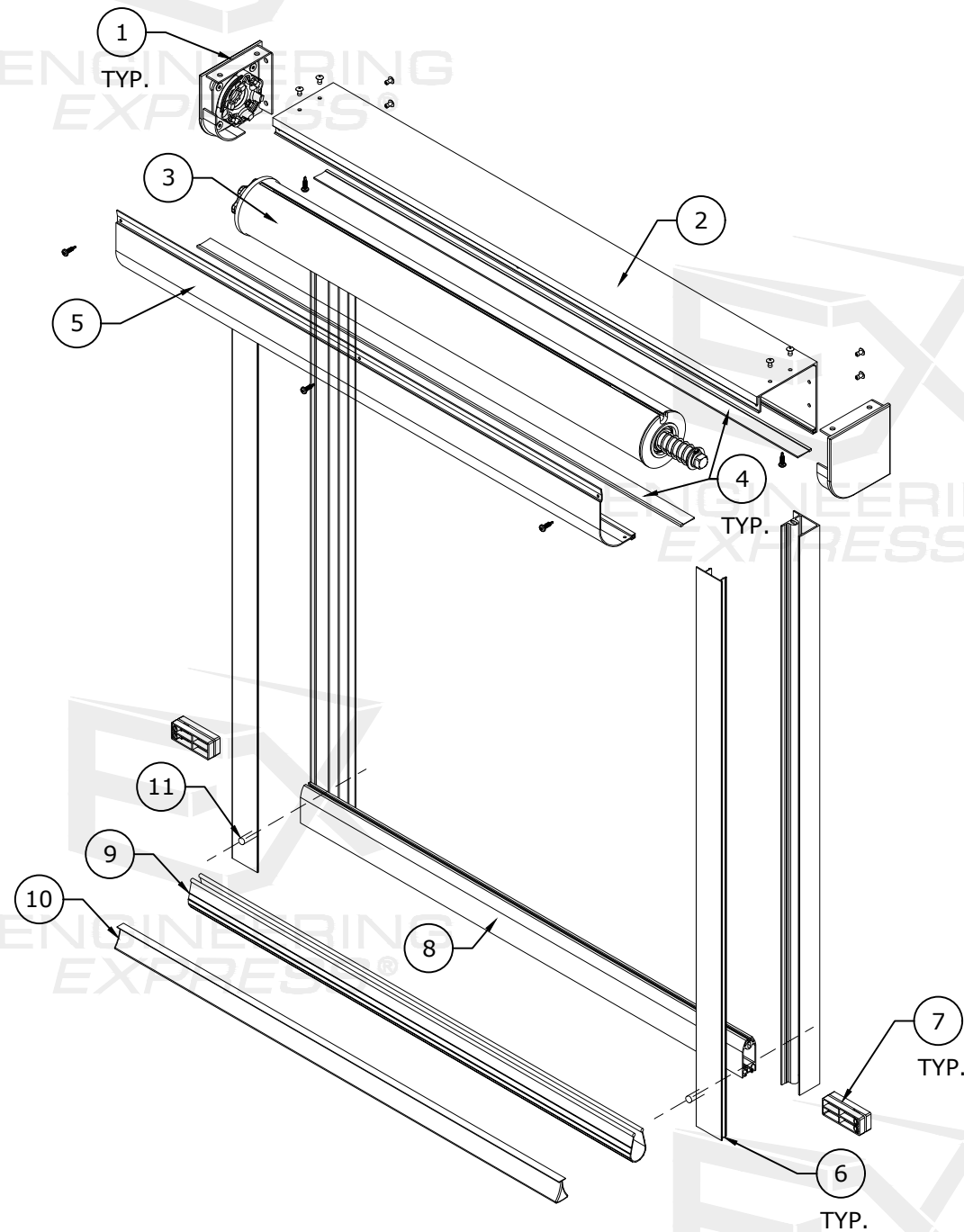
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SA TRACK HURRICANE SCREEN

LARGE MISSILE IMPACT RESISTANT (MISSILE LEVEL D)

VALID FOR USE INSIDE AND OUTSIDE THE HVHZ (SEE LIMITATIONS HEREIN)

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1 SAMPLE ASSEMBLY
01 NOT TO SCALE ISOMETRIC VIEW

NOTE: SEE HEREIN FOR COMPONENT CALL-OUTS.

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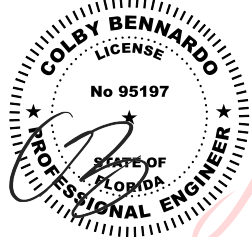
TERMINOLOGY:

THE FOLLOWING ABBREVIATIONS APPEAR IN THIS APPROVAL:

"ALUM" FOR "ALUMINUM", "ASD" FOR "ALLOWABLE STRESS DESIGN", "ASTM" FOR "AMERICAN SOCIETY FOR TESTING AND MATERIALS", "CS" FOR "CARBON STEEL", "EMBED" FOR "EMBEDMENT", "EQ" OR "EQUIV." FOR "EQUIVALENT", "FBC" FOR "FLORIDA BUILDING CODE", "FL #" FOR "FLORIDA STATEWIDE PRODUCT APPROVAL NUMBER", "ft" OR " ' " FOR "FEET", "G" FOR "SPECIFIC GRAVITY", "GA" FOR "GAUGE", "GFB" FOR "GROUT-FILLED BLOCK", "GR" FOR GRADE, "HVHZ" FOR "HIGH-VELOCITY HURRICANE ZONE", "in" OR " ' " FOR "INCHES", "KSI" FOR "1,000 lb / in²", "LB" FOR "POUND", "MAX" FOR "MAXIMUM", "MIN" FOR "MINIMUM", "O.C." FOR "ON-CENTER", "PERP" FOR "PERPENDICULAR", "PSI" FOR "POUNDS PER SQUARE INCH (lb/in²)", "PSF" FOR "POUNDS PER SQUARE FOOT (lb/ft²)", "SAE" FOR "SOCIETY OF AUTOMOTIVE ENGINEERING", "SPECS" FOR "SPECIFICATIONS", "SMS" FOR "SHEET METAL SCREWS", "SS" FOR "STAINLESS STEEL", "TAS" FOR "TESTING APPLICATION STANDARD", "TYP." FOR "TYPICAL", "U.N.O." FOR "UNLESS NOTED OTHERWISE", "W/" FOR "WITH", "#" FOR "NUMBER", "&" FOR "AND", AND "Ø" FOR "DIAMETER".

VISIT [ECALC.IO/GLOSSARY](https://ecalc.io/glossary) OR CONTACT ENGINEERING EXPRESS FOR ADDITIONAL ABBREVIATION/TERMINOLOGY CLARIFICATIONS.

COLBY BENNARDO, P.E.
PE# 95197 CA# 9885



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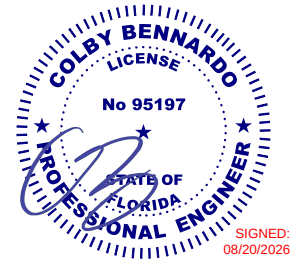
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1. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE FLORIDA BUILDING CODE NINTH EDITION (2026) AS WELL AS CURRENT VERSIONS OF THE FLORIDA RESIDENTIAL CODE, INTERNATIONAL BUILDING CODE AND THE INTERNATIONAL RESIDENTIAL CODE. PRESSURE VALUES ON THIS APPROVAL ARE (ASD) ALLOWABLE DESIGN PRESSURES.
2. SEPARATE 'SITE-SPECIFIC' SEALED ENGINEERING SHALL BE REQUIRED IN ORDER TO DEVIATE FROM ANCHOR SPACING VALUES CONTAINED HEREIN. LINEAR INTERPOLATION OF THE ALLOWABLE SPAN TABLES SHALL FOLLOW THE ANCHOR SCHEDULE SPECIFICATIONS HEREIN. CONTACT THIS FIRM FOR ALTERNATE SPAN CALCULATIONS AS MAY BE REQUIRED OR VISIT THE EMAIL/QR CODE HEREIN.
3. UNITS SHALL BE LABELED IN ACCORDANCE WITH THE FLORIDA BUILDING COMMISSION AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATION.
4. ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 OR BETTER (i.e. 6061-T6 OR 6005-T5), U.N.O.
5. UNLESS OTHERWISE NOTED HEREIN, ALL SCREWS SHALL BE 304 OR 316 STAINLESS STEEL OR CORROSION RESISTANT COATED SAE GR. 5 CARBON STEEL.
6. 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 INC., AND ANY APPLICABLE FEDERAL, STATE AND OR LOCAL CODES. REFER TO FASTENER MANUFACTURER'S PUBLISHED DATA SHEETS AND RECOMMENDATIONS FOR FASTENER INSTALLATION INSTRUCTIONS.
7. FOR PERMANENT OUTDOOR INSTALLATIONS, ALL EXPOSED ANCHORS, FASTENERS, CONNECTORS, AND METAL PLATES SHALL BE CORROSION RESISTANT. CORROSION RESISTANCE MAY BE PROVIDED BY INHERENT MATERIAL COMPOSITION OR, WHERE PERMITTED BY CODE, BY AN APPROVED PROTECTIVE COATING OR GALVANIZATION. WHERE APPLICABLE NEAR A SALTWATER COASTLINE, SUCH COMPONENTS SHALL COMPLY WITH FBC SECTION 1711, INCLUDING APPLICABLE REQUIREMENTS FOR EXPOSED, PROTECTED, OR ENCLOSED CONDITIONS. MATERIALS, COATINGS, AND FINISHES SHALL BE COMPATIBLE WITH CONNECTED MATERIALS, AND PROTECTIVE COATINGS SHALL BE CONTINUOUS OVER EXPOSED SURFACES. FASTENERS USED WITH ALUMINUM MEMBERS SHALL ALSO COMPLY WITH SECTION J.3.7.2 OF THE ALUMINUM DESIGN MANUAL, "SPECIFICATION FOR ALUMINUM STRUCTURES." SUBSTITUTION OF COMPONENTS FROM ALTERNATE MANUFACTURERS, OR WITH DIFFERENT MATERIALS, COATINGS, OR FINISHES, SHALL NOT BE ASSUMED EQUIVALENT AND MAY REQUIRE ADDITIONAL ENGINEERING REVIEW OR SITE-SPECIFIC ANALYSIS.
8. DESIGN PRESSURES AS NOTED HEREIN ARE BASED ON A MAXIMUM TESTED PRESSURE DIVIDED BY A 1.5 FACTOR OF SAFETY. FOR ALTERNATE SAFETY FACTORS, SPANS SHALL BE ADJUSTED ACCORDINGLY.
9. WIND LOAD DURATION FACTOR $C_d = 1.6$ HAS BEEN USED FOR WOOD ANCHOR DESIGN.
10. PRESSURE VALUES IN THIS APPROVAL ARE (ASD) ALLOWABLE DESIGN PRESSURES UNLESS NOTED OTHERWISE.
11. MAXIMUM SPAN: 30'-0" (SEE LIMITATIONS HEREIN).
12. MAXIMUM HEIGHT: (3x THE MAXIMUM TESTED HEIGHT; SEE LIMITATIONS HEREIN).
 - 12.1. SPANS UP TO 6'-0" WIDE: 21'-0" MAX. HEIGHT (SEE LIMITATIONS HEREIN).
 - 12.2. SPANS BETWEEN 6'-0" AND 30'-0" WIDE: 22'-6" MAX. HEIGHT (SEE LIMITATIONS HEREIN).
13. MAXIMUM ALLOWABLE DESIGN PRESSURE (ASD): ± 150 psf (SEE LIMITATIONS HEREIN).
14. SCREEN SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER SCREEN CONTAINING THE FOLLOWING:

MARYGROVE ROLL SCREENS
2041 58TH AVE CIRCLE E.
BRADENTON, FLORIDA 34203
MISSILE LEVEL "D"
TAS 201, 202, & 203; ASTM E1886, E1996, & E330
FLORIDA PRODUCT APPROVAL # FL 42317
15. SCREEN MATERIAL (MESH TYPE) IS OMEGATEX FABRIC BY TWITCHELL TECHNICAL PRODUCTS, LLC, PRODUCT # T18KKS, .027" DIAMETER VINYL COATED 1500 DENIER POLYESTER CORE YARNS IN WARP AND .030" DIAMETER VINYL COATED 2000 DENIER TWARON CORE YARNS IN FILL.
16. 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.
17. ROLL-UP AND HOOD MECHANISM ARE NOT PART OF THIS APPROVAL AND ARE OUTSIDE THE BOUNDS OF THIS CERTIFICATION.
18. SCREENS SHALL COVER ENTIRE OPENING ON ALL SIDES.
19. THE FOLLOWING TERMINOLOGY MAY APPEAR HEREIN:
 - 19.1. "FACE MOUNT" MAY ALSO BE REFERRED TO AS "WALL MOUNT" OR "DIRECT MOUNT";
 - 19.2. "TRAP MOUNT" MAY ALSO BE REFERRED TO AS "TRAPPED MOUNT", "INTERIOR MOUNT", "INSIDE MOUNT", OR "INSET MOUNT";
 - 19.3. "SYSTEM WIDTH" MAY ALSO BE REFERRED TO AS "SPAN", "SPAN WIDTH", OR "SCREEN SPAN".

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE NINTH EDITION (2026).
2. FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PER TAS 201, 202, AND 203 TESTING STANDARDS. ALSO IN ACCORDANCE WITH TEST STANDARDS ASTM E1886, E1996, & E330. THE SYSTEM IS DESIGNED AS LARGE MISSILE IMPACT RESISTANT (MISSILE LEVEL D).
3. CONTRACTOR SHALL INVESTIGATE AND CONFORM TO ALL LOCAL BUILDING CODE AMENDMENTS WHICH MAY APPLY. DESIGN CRITERIA BEYOND AS STATED HEREIN MAY REQUIRE ADDITIONAL SITE-SPECIFIC SEALED ENGINEERING.
4. 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. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
5. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT. THIS DOCUMENT ALONE IS NOT INTENDED FOR PERMIT.
6. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
7. SYSTEM OPERABILITY IS OUTSIDE THE BOUNDS OF THIS CERTIFICATION. INTERIOR MECHANISMS AND/OR ELECTRICAL CIRCUITRY ARE OUTSIDE THE SCOPE OF THIS EVALUATION.
8. ENGINEER SEAL AFFIXED HERE TO VALIDATES 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.
9. ALTERATIONS, ADDITIONS, AND OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
10. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.

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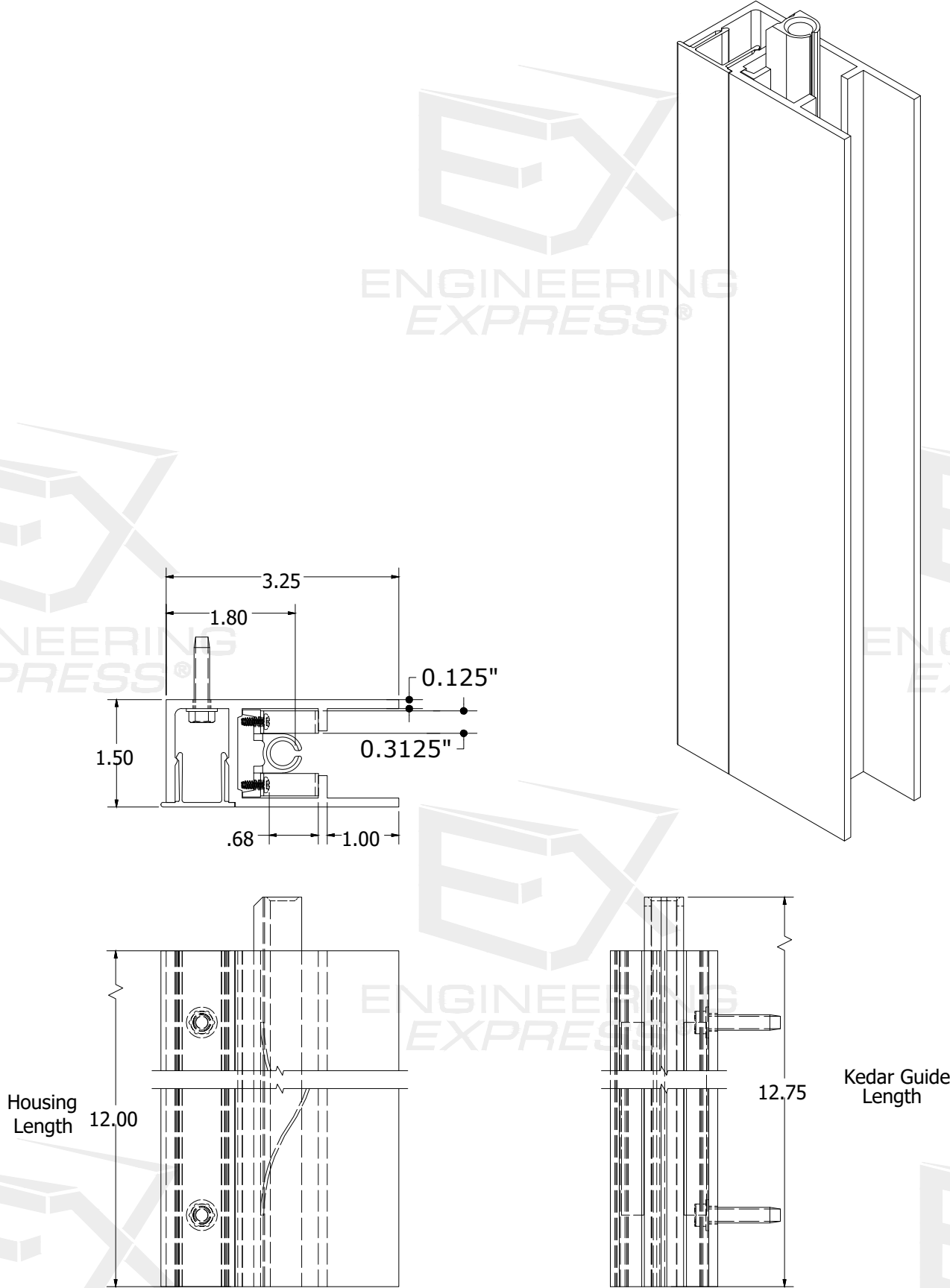
SYSTEM COMPONENTS:

1. COMPONENTS AS NOTED IN DETAIL 1/01 ARE PER THE FOLLOWING SCHEDULE:

COMPONENT #	COMPONENT NAME
1	7" OR 5" HOUSING END CAP
2	7" OR 5" HOUSING
3	ROLLER (5.375" FOR 7" HOUSING; 4.0" FOR 5" HOUSING)
4	HOUSING SEAL BRUSH
5	7" OR 5" HOUSING COVER
6	SPRING TRACK ASSEMBLY
7	PROBE
8	BOTTOM BAR HD
9	RUBBER BOTTOM BAR SEAL
10	BRUSH BOTTOM BAR SEAL
11	BOTTOM PIN (3/16" DIA., SAE GR. 5 MIN.)
12	*BOTTOM BAR SUPPORT ANGLE *(IF APPLICABLE)
13	*BUILD-OUT TUBE *TRAP MOUNT TUBE/ANGLE *(IF APPLICABLE)
14	*MULLION TUBE *(IF APPLICABLE)

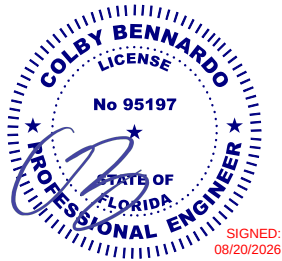
*COMPONENTS NOT SHOWN IN DETAIL 1/01. SEE FOLLOWING PAGES FOR COMPONENT DRAWINGS AS APPLICABLE. CONTACT CLIENT IF FURTHER COMPONENT DRAWINGS ARE NEEDED.

2. UNLESS NOTED OTHERWISE HEREIN, FASTENERS AND OTHER HARDWARE SHALL BE PER THE MANUFACTURER. FASTENERS PER THE MANUFACTURER SHALL COMPLY WITH THE SPECIFICATIONS STATED HEREIN.
3. COMPONENT #10: BOTTOM BAR SEAL TYPE: RUBBER / BRUSH ON BOTTOM BAR SEAL.
4. MOTOR DRIVE TYPES: (A) SOMFY MOTOR, (B) DOOYA MOTOR, (C) MOTORIZED W/ MANUAL OVERRIDE, (D) MANUAL GEAR. **ROLL-UP AND HOOD MECHANISM (INCLUDING MOTORS) ARE NOT PART OF THIS APPROVAL AND ARE OUTSIDE THE BOUNDS OF THIS CERTIFICATION.**



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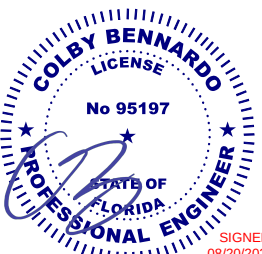
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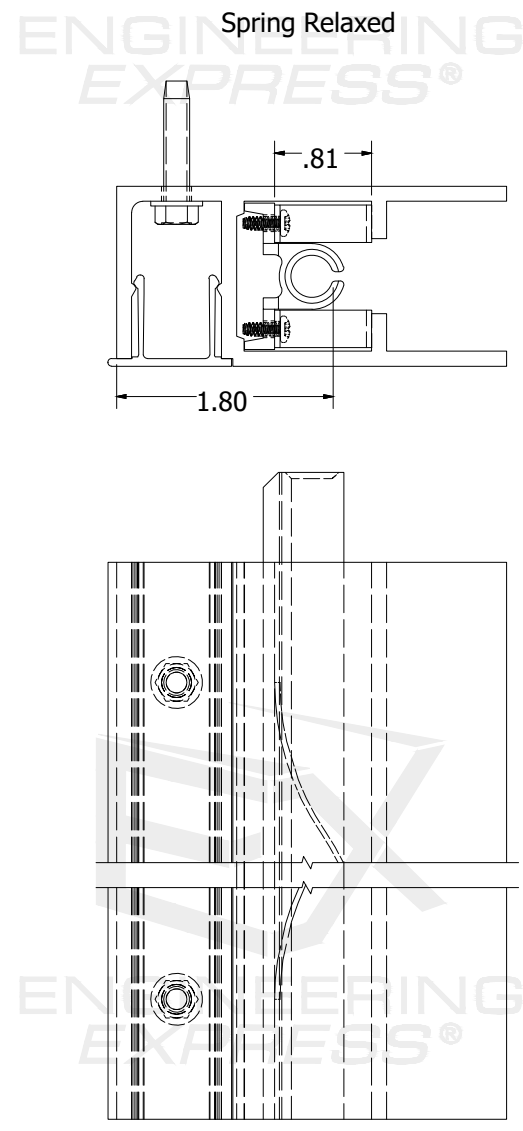
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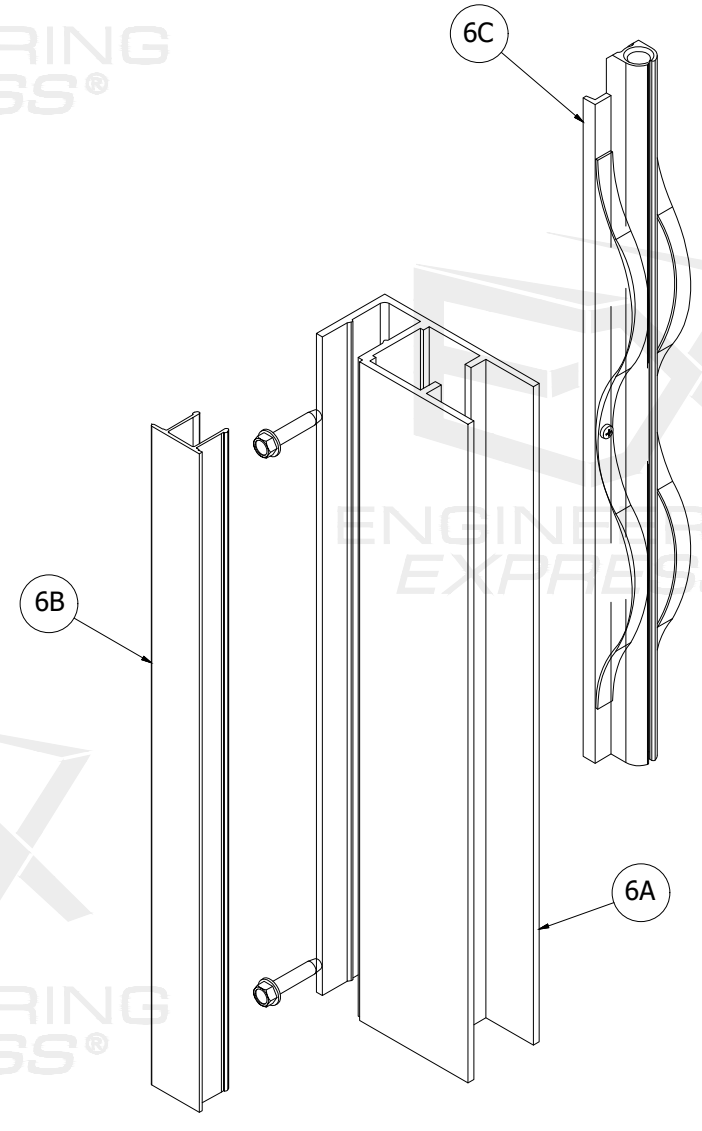
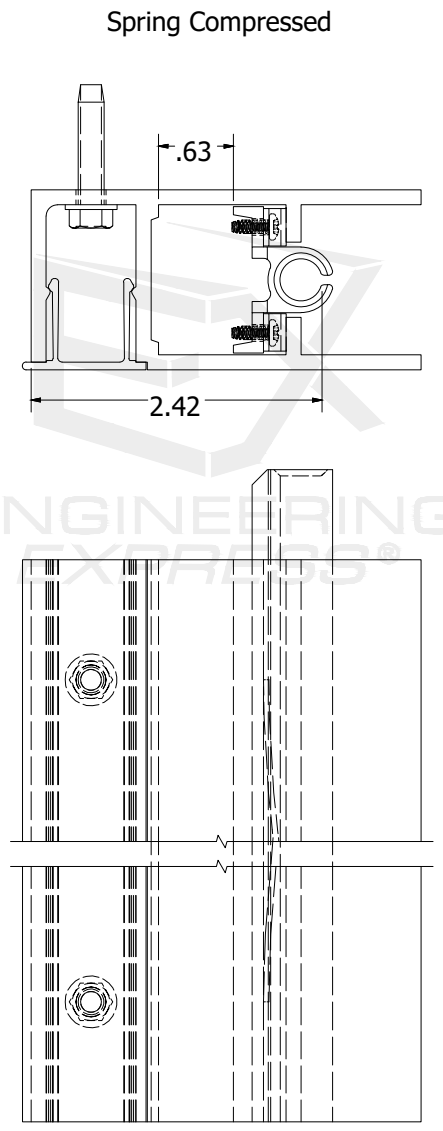
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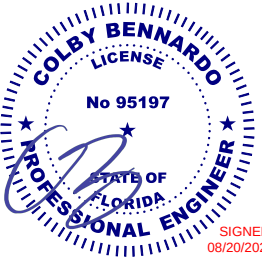
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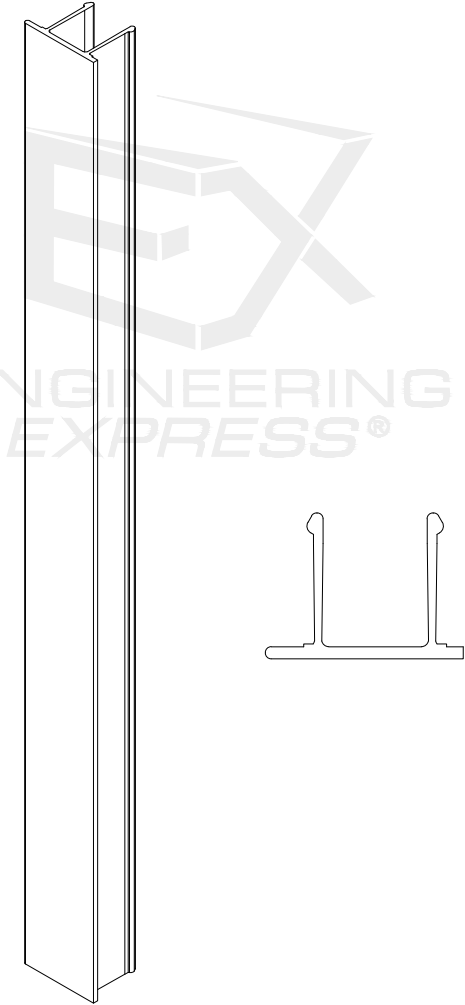
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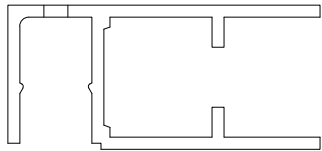


6A

SPRING TRACK COVER

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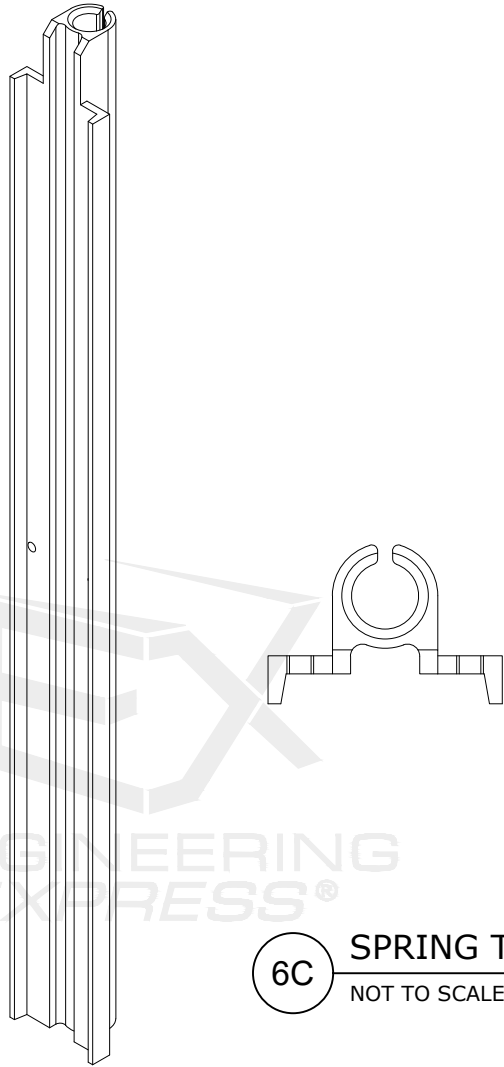


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SPRING TRACK HOUSING

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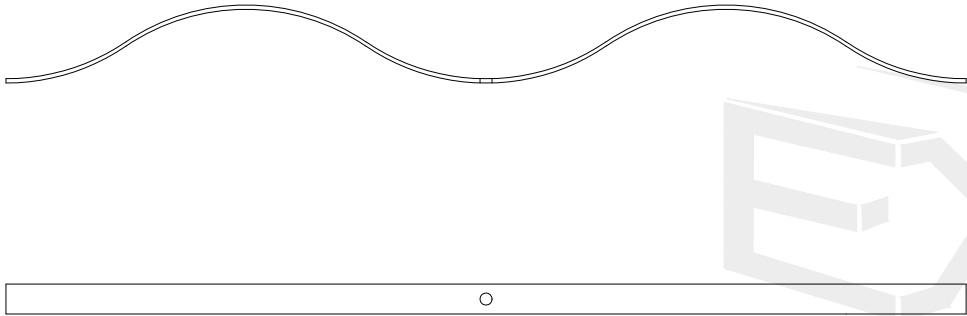


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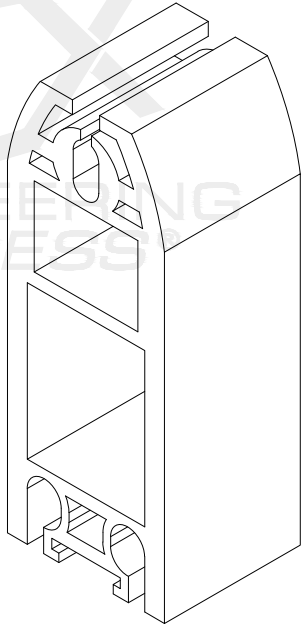
SPRING TRACK

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SPRING TRACK SPRING

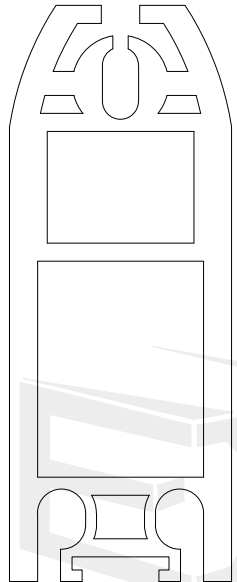


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BOTTOM BAR HD

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CROSS-SECTION



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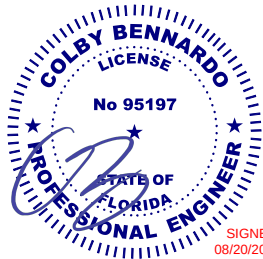
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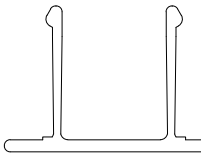
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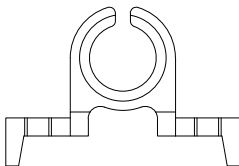
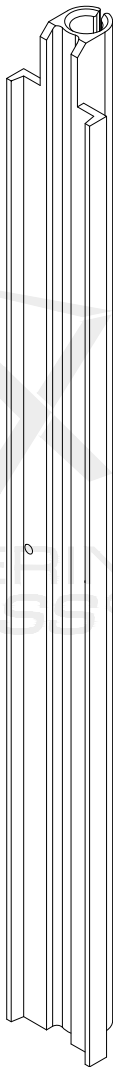
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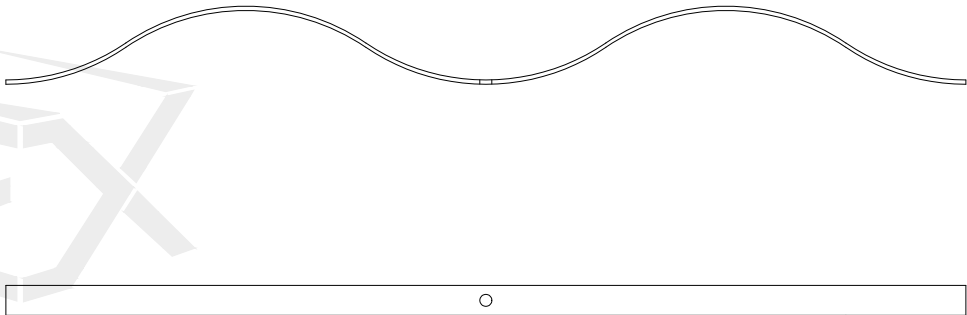
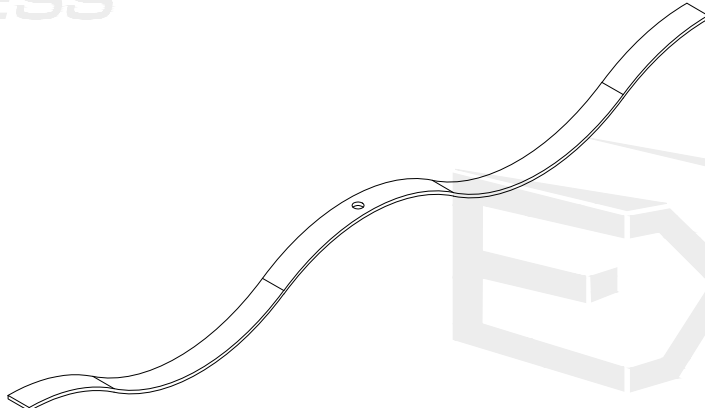
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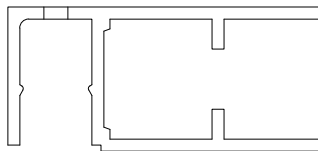
6A SPRING TRACK COVER
NOT TO SCALE ISOMETRIC VIEW



SPRING TRACK KEEPER GUIDE



SPRING TRACK SPRING

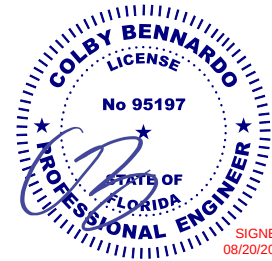


6B SPRING TRACK HOUSING
NOT TO SCALE ISOMETRIC VIEW

6C SPRING TRACK
NOT TO SCALE ISOMETRIC VIEW

8/20/2026 2:55 PM MILTONRIVERA\shared\projects\26-99448 2026 product fbc update fl42317.1\work\2026 fbc\drawings & cad\26-99448d - fl42317.1 - cad.dwg

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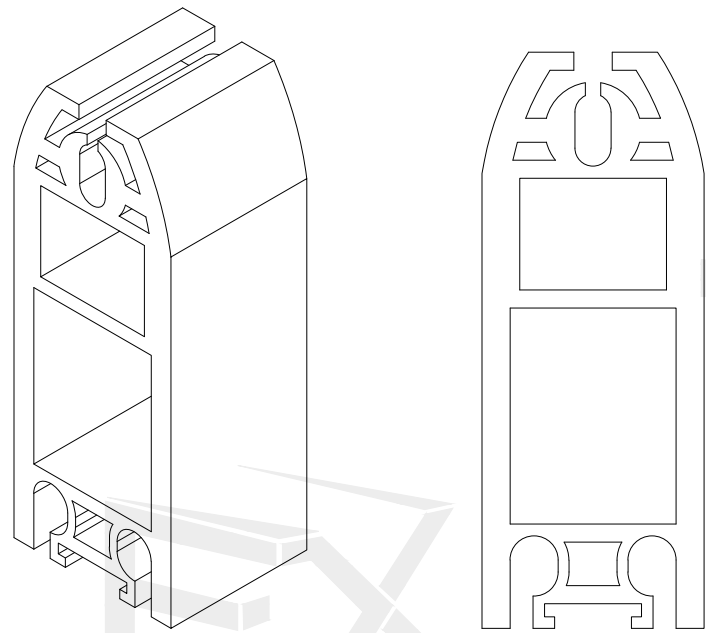
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PREV. SUBMITTAL (22-55191)	EPR	RWN	10/12/23
REV. FOR NEW TESTING	EPR	RWN	02/14/25
2026 FBC UPDATE	CJB	CCB	7/14/26

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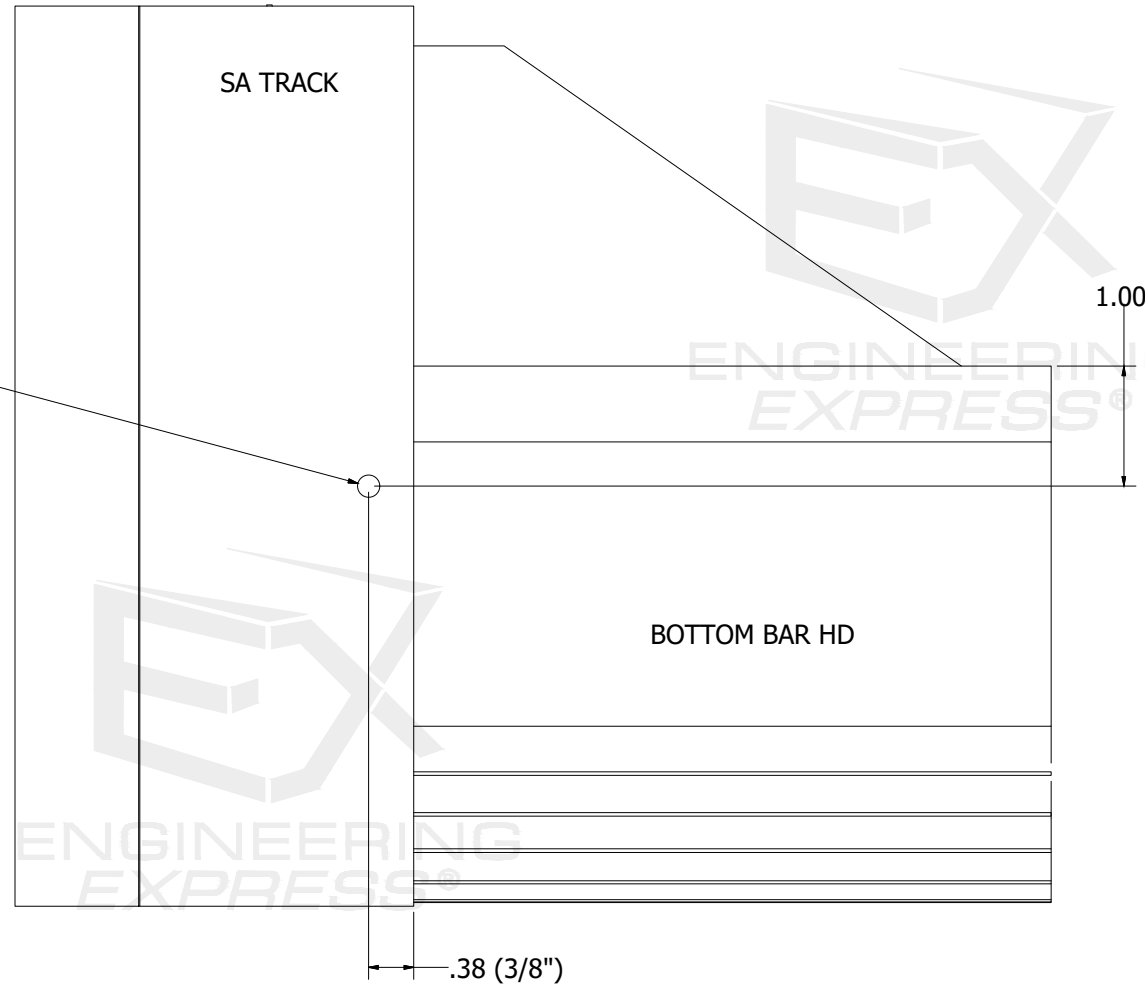
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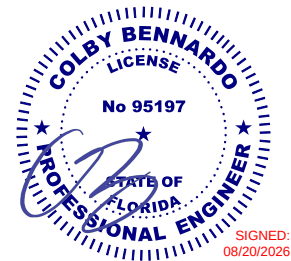
07 OF 30



8 BOTTOM BAR HD
NOT TO SCALE CROSS-SECTION



8 BOTTOM BAR PIN PLACEMENT
NOT TO SCALE DETAIL VIEW



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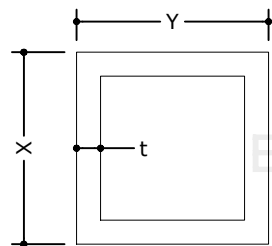
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08

OF 30

***BOTTOM BAR SUPPORT ANGLE NOTES:**

- SUPPORT ANGLES SHALL BE 6063-T6 OR BETTER (i.e. 6061-T6 OR 6005-T5) ALUMINUM ANGLES WITH DIMENSIONS AS SHOWN: 18" LONG x 2" x 3-1/2" LEGS x 1/4" THICK, TYP.
- SEE ANCHOR SCHEDULES FOR QUANTITY OF BOTTOM BAR SUPPORT ANGLES REQUIRED, TYP.
- POSITION SUPPORT ANGLES EQUALLY SPACED ($\pm 12"$) ALONG THE BOTTOM WEIGHT BAR. POSITION TALLER LEG OF SUPPORT ANGLE AGAINST WEIGHT BAR AND SHORT LEG OF SUPPORT ANGLE AGAINST THE HOST FLOOR STRUCTURE BY OTHERS. SUPPORT ANGLE SHALL BE FLUSH AGAINST WEIGHT BAR AND HOST STRUCTURE BY OTHERS, TYP.
- SEE DETAIL 1/08 FOR SUPPORT ANGLE ATTACHMENT DIRECTIVES, TYP.



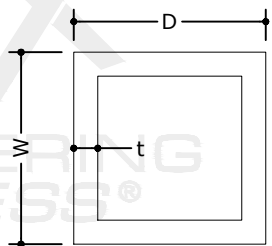
BUILD-OUT / TRAP MOUNT TUBE, TYP.

NOT TO SCALE 6063-T6 ALUM.

BO/TRAP TUBE (COMPONENT # 13) PERMITTED TO BE:		
X	Y	t
1"	5"	1/4"
2"	2"	1/4"
2"	3"	1/4"
2"	4"	1/4"
2"	5"	1/4"
3"	3"	1/4"
3"	4"	1/4"
4"	4"	1/4"

SEE BUILD-OUT & TRAP MOUNT SCHEDULES & DETAILS HEREIN FOR LIMITATIONS AND SPECIFICATIONS.

NOTE: FOR TRAP MOUNT INSTALLATIONS, A 2"X2"X1/4" 6061-T6 ALUMINUM ANGLE IS ALSO PERMITTED TO BE USED IN LIEU OF THE TUBE SIZES SPECIFIED HEREIN, TYP.

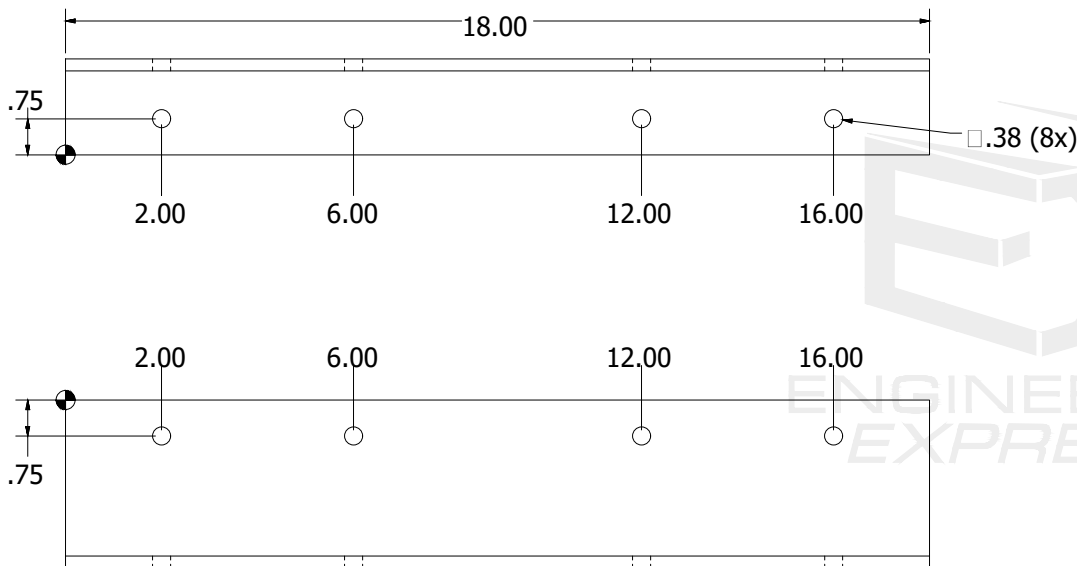


MULLION TUBE, TYP.

NOT TO SCALE 6063-T6 ALUM.

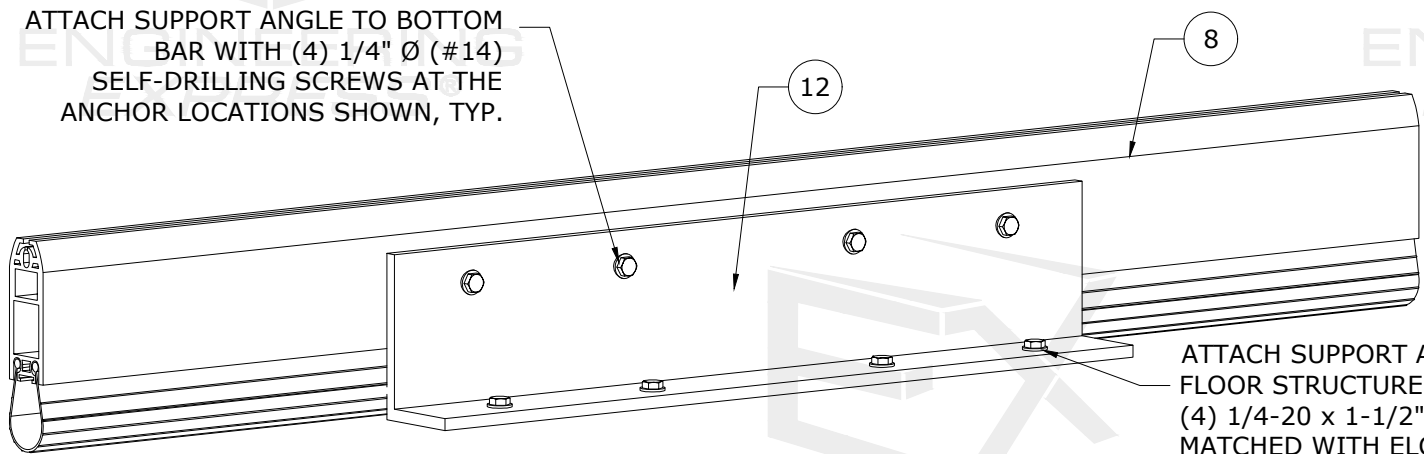
MULLION TUBE (COMPONENT # 14) PER MULLION SCHEDULES:		
W	D	t
3"	3"	1/4"
4"	4"	3/16"
4"	4"	1/4"
4"	6"	1/4"

SEE MULLION SCHEDULES & DETAILS HEREIN FOR LIMITATIONS AND SPECIFICATIONS



12 BOTTOM BAR SUPPORT ANGLE*
NOT TO SCALE MULTIPLE VIEWS

ATTACH SUPPORT ANGLE TO BOTTOM BAR WITH (4) 1/4" Ø (#14) SELF-DRILLING SCREWS AT THE ANCHOR LOCATIONS SHOWN, TYP.



1 BOTTOM BAR SUPPORT ANGLE POSITIONED ON BOTTOM BAR
NOT TO SCALE ISOMETRIC VIEW

ATTACH SUPPORT ANGLE TO HOST FLOOR STRUCTURE BY OTHERS WITH (4) 1/4-20 x 1-1/2" SIDEWALK BOLTS MATCHED WITH ELCO 2-1/8" ANCHOR ENX-305 INSERTS AT THE ANCHOR LOCATIONS SHOWN, TYP.

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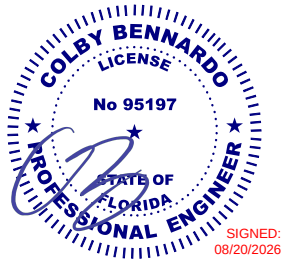
1. ROLLER ASSEMBLY HOUSING IS CONSIDERED TO BE NON-STRUCTURAL IN REGARD TO THIS WIND CERTIFICATION AND HAS NOT BEEN TESTED FOR STATIC/IMPACT/CYCLIC LOADS. HOUSING INTEGRITY IS OUTSIDE THE BOUNDS OF THIS CERTIFICATION.
2. NON-STRUCTURAL COMPONENTS, SUCH AS, HOUSING ATTACHMENT AND ANY OTHER, SHALL BE PER MANUFACTURER INSTRUCTIONS.

3. EXTRUSIONS SHOWN HEREIN ARE GENERIC AND DO NOT REPRESENT THE ACTUAL SYSTEM.

4. THIS PAGE IS INTENDED ONLY TO ILLUSTRATE THE VARIOUS MOUNTING OPTIONS AND DOES NOT SHOW ALL ATTACHMENT SPECIFICATIONS; SEE HEREIN FOR ATTACHMENT SPECIFICATIONS AND OTHER REQUIREMENTS.

SCREEN ATTACHMENT TO HOST & BUILD-OUT / TRAP MOUNT TUBES (IF APPLICABLE)

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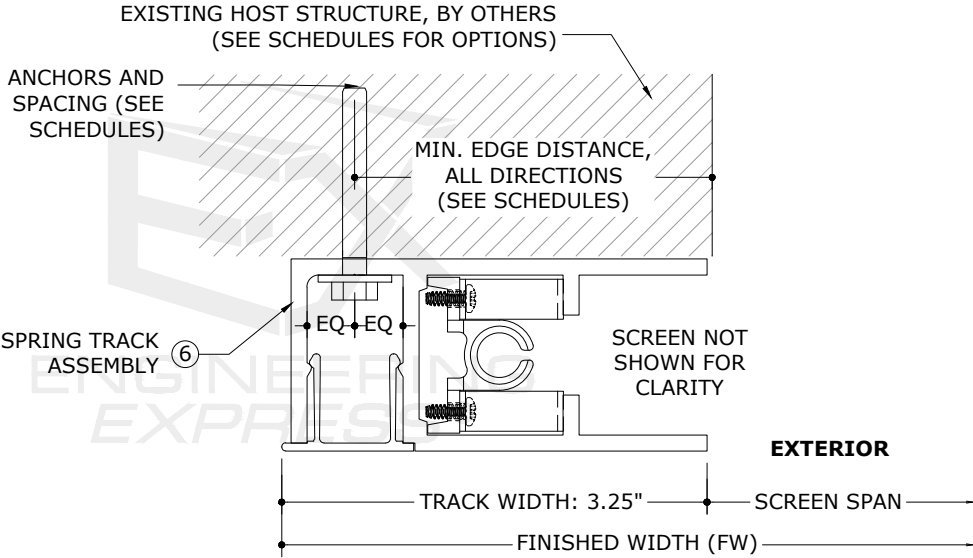
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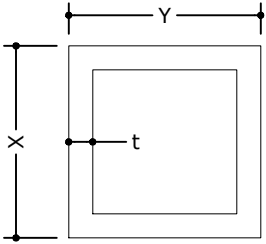
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1 WALL MOUNT
10 N.T.S. SECTION VIEW

PAGE 8 TABLE REPRODUCED FOR REFERENCE:



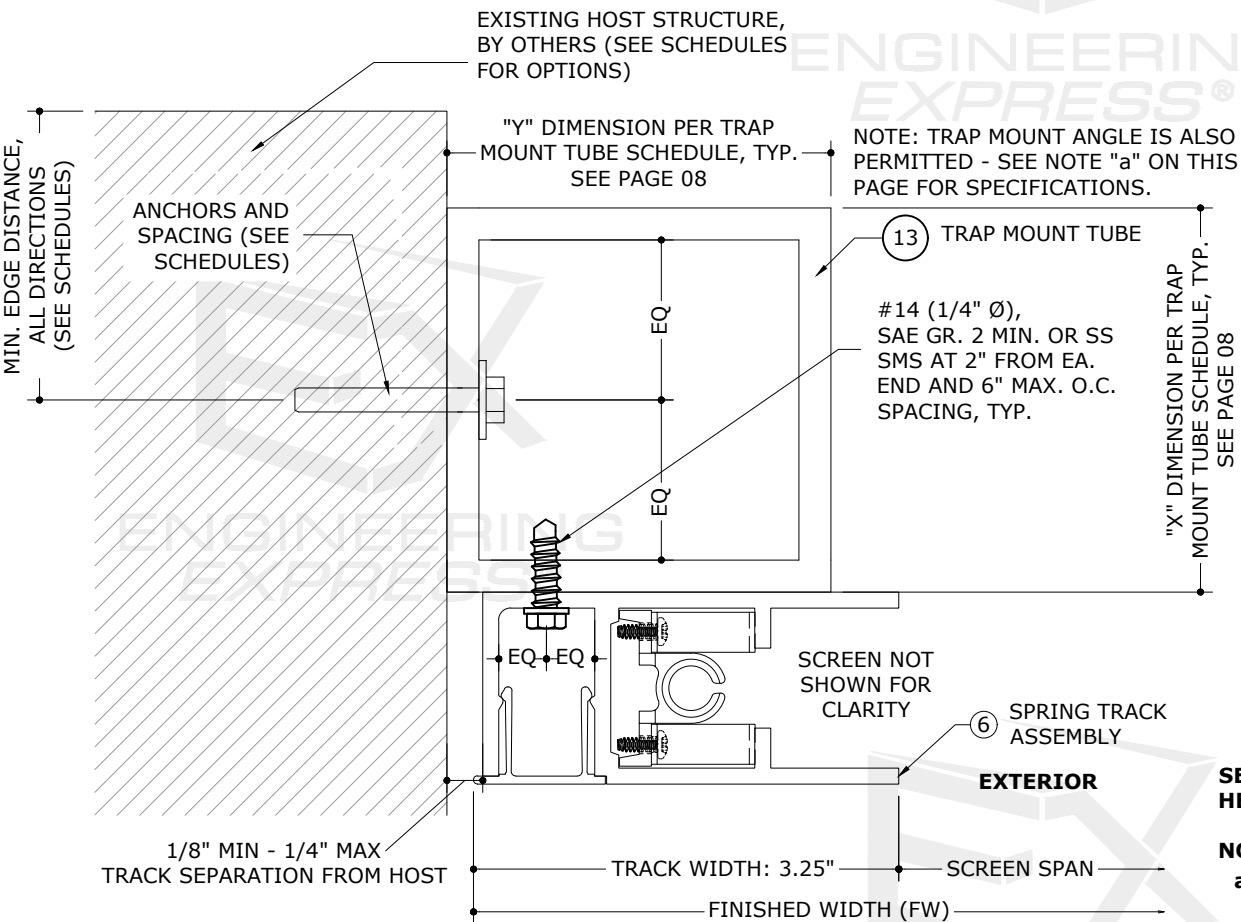
13 BUILD-OUT / TRAP MOUNT TUBE, TYP.

NOT TO SCALE 6063-T6 ALUM.

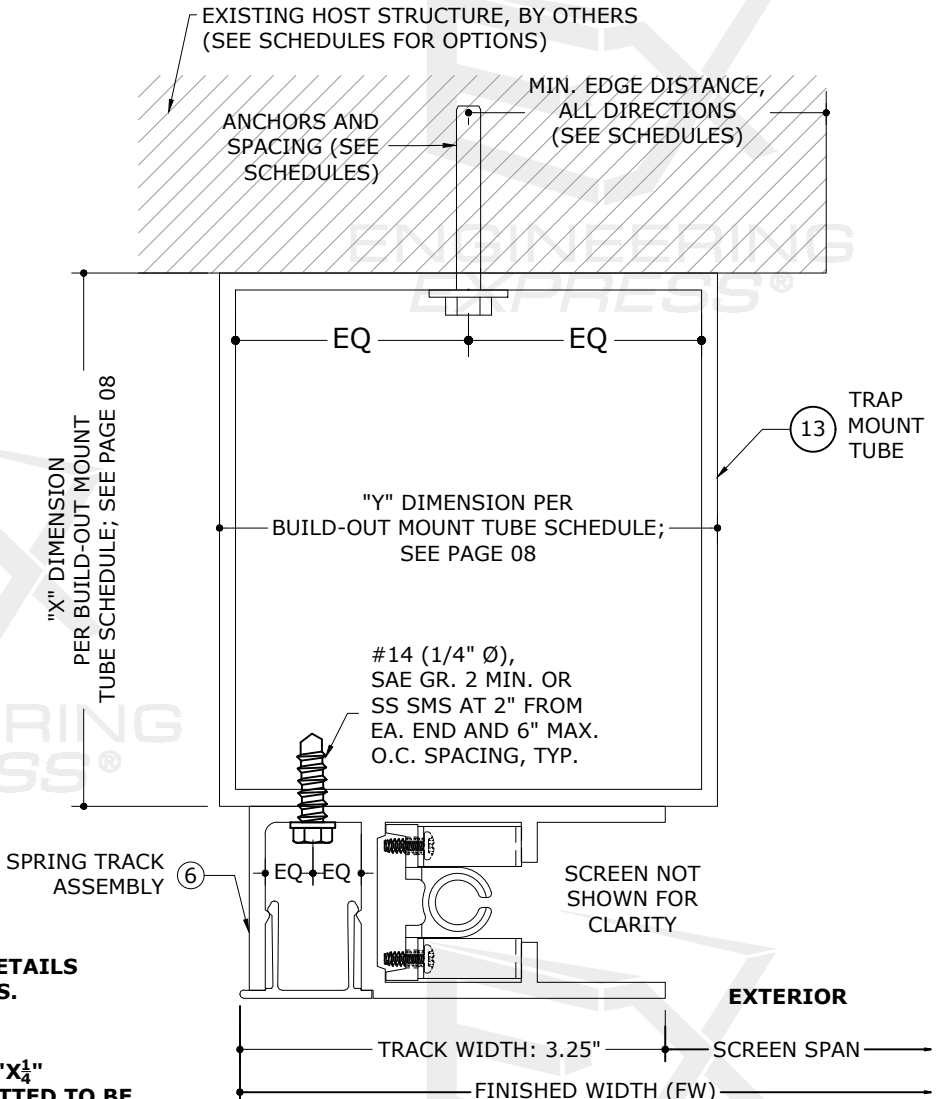
BO/TRAP TUBE (COMPONENT # 13) PERMITTED TO BE:		
X	Y	t
1"	5"	1/4"
2"	2"	1/4"
2"	3"	1/4"
2"	4"	1/4"
2"	5"	1/4"
3"	3"	1/4"
3"	4"	1/4"
4"	4"	1/4"

SEE BUILD-OUT & TRAP MOUNT SCHEDULES & DETAILS HEREIN FOR LIMITATIONS AND SPECIFICATIONS.

- NOTES:
- a. FOR TRAP MOUNT INSTALLATIONS, A 2"x2"x1/4" 6061-T6 ALUMINUM ANGLE IS ALSO PERMITTED TO BE USED IN LIEU OF THE TUBE SIZES SPECIFIED HEREIN, TYP.
- b. FOR NON-SQUARE TRAP AND BUILD-OUT MOUNT TUBES, THE LONGER "Y" DIMENSION SHALL BE ORIENTED PARALLEL TO THE SCREEN DIRECTION, AND THE SHORTER "X" DIMENSION SHALL BE ORIENTED PERPENDICULAR TO THE SCREEN DIRECTION.



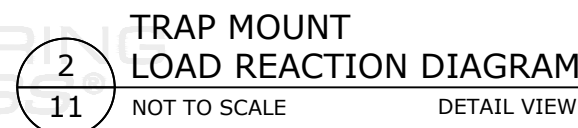
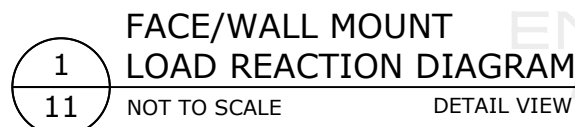
2 TRAP MOUNT
10 N.T.S. SECTION VIEW



3 BUILD-OUT MOUNT
10 N.T.S. SECTION VIEW

APPLICABLE FOR ALL MOUNTS (WALL/FACE MOUNT, TRAP MOUNT, AND BUILD-OUT MOUNT)

- CONTACT ENGINEERING EXPRESS TO ADD ADDITIONAL ANCHORING OPTIONS TO THIS REPORT, OR TO CERTIFY AN ANCHOR OPTION FOR SPECIAL SITE-SPECIFIC CONDITIONS NEEDED FOR A PARTICULAR SITE INSTALLATION.



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-	-	-	-

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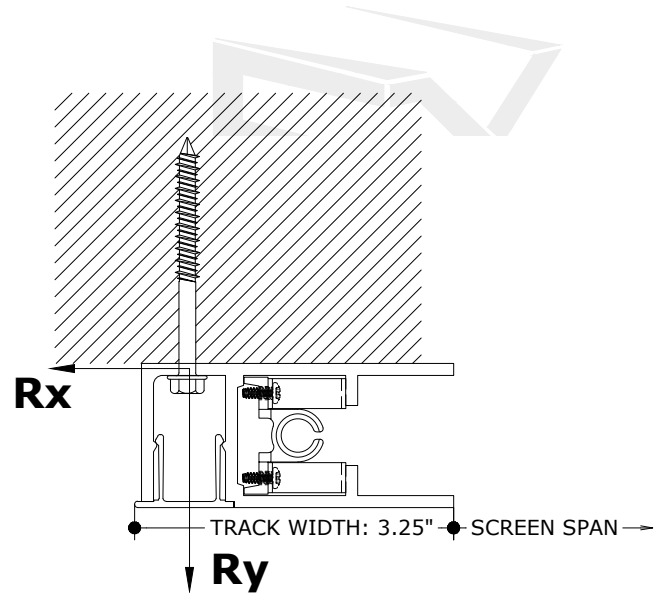
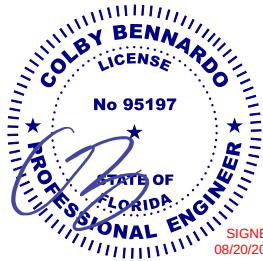
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OF
30

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SEE ANCHOR SCHEDULE
NOTES ON PAGE 11

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MAXIMUM ON-CENTER ANCHOR SPACING										
CONCRETE			GROUT-FILLED BLOCK		HOLLOW BLOCK	WOOD		STEEL OR ALUMINUM	CONCRETE	GROUT-FILLED BLOCK
5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 1.75" MIN. EMBEDMENT; 1.25" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 2" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO 3000 PSI MIN. CONCRETE; 2.25" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO GROUT-FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 4" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO GROUT-FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 2.5" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO HOLLOW CMU; 1.25" EMBEDMENT; 1-1/16" MIN. EDGE DISTANCE	5/16" Ø LAG SCREW TO G=0.55 MIN. WOOD; 2" MIN. EMBEDMENT; 0.75" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO G=0.55 MIN. WOOD (PERP. TO WOOD GRAIN); 1.5" MIN. EMBEDMENT; 1-9/16" MIN. EDGE DISTANCE	5/16" Ø 410 SS SMS W/ FULL THREAD PENETRATION OR 5/16-18 410 SS THRU-BOLT TO 3/16" MIN. A36 STEEL OR 6063-T6 ALUM; 0.625" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO 3000 PSI MIN. CONCRETE; 3.5" MIN. EMBEDMENT; 5" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO GROUT-FILLED CONCRETE BLOCK; 3.25" EMBEDMENT; 3.5" MIN. EDGE DISTANCE & 6" MIN. END DISTANCE TO END OF WALL
8.0"	8.0"	8.0"	8.0"	8.0"	6.1"	8.0"	8.0"	8.0"	8.0"	8.0"
8.0"	8.0"	8.0"	8.0"	8.0"	4.1"	8.0"	8.0"	8.0"	8.0"	8.0"
7.8"	8.0"	8.0"	8.0"	7.6"	3.0"	7.3"	8.0"	8.0"	8.0"	8.0"
6.3"	8.0"	8.0"	8.0"	6.0"	2.4"	5.8"	7.4"	8.0"	8.0"	8.0"
5.2"	8.0"	8.0"	8.0"	5.0"	2.0"	4.8"	6.2"	8.0"	8.0"	8.0"
4.5"	7.5"	8.0"	8.0"	4.3"	1.7"	4.1"	5.3"	8.0"	8.0"	7.4"
3.9"	6.6"	8.0"	8.0"	3.8"	1.5"	3.6"	4.6"	8.0"	8.0"	6.5"
3.5"	5.8"	8.0"	8.0"	3.4"	1.4"	3.2"	4.1"	7.9"	8.0"	5.8"
3.1"	5.2"	7.5"	7.5"	3.0"	1.2"	2.9"	3.7"	7.1"	7.7"	5.2"
2.3"	4.2"	5.7"	5.7"	2.4"	0.9"	2.1"	2.8"	5.5"	5.9"	4.0"
8.0"	8.0"	8.0"	8.0"	8.0"	5.6"	8.0"	8.0"	8.0"	8.0"	8.0"
8.0"	8.0"	8.0"	8.0"	8.0"	3.7"	8.0"	8.0"	8.0"	8.0"	8.0"
7.7"	8.0"	8.0"	8.0"	7.3"	2.9"	7.3"	8.0"	8.0"	8.0"	8.0"
5.3"	8.0"	8.0"	8.0"	5.1"	2.1"	4.9"	6.3"	8.0"	8.0"	8.0"
4.4"	7.4"	8.0"	8.0"	4.2"	1.7"	4.1"	5.2"	8.0"	8.0"	7.3"
3.8"	6.3"	8.0"	8.0"	3.6"	1.5"	3.5"	4.5"	8.0"	8.0"	6.3"
3.5"	5.8"	8.0"	8.0"	3.4"	1.4"	3.2"	4.1"	7.9"	8.0"	5.8"
2.3"	4.2"	5.7"	5.7"	2.4"	0.9"	2.1"	2.8"	5.5"	5.8"	4.0"
8.0"	8.0"	8.0"	8.0"	8.0"	4.4"	8.0"	8.0"	8.0"	8.0"	8.0"
7.6"	8.0"	8.0"	8.0"	7.3"	3.0"	7.1"	8.0"	8.0"	8.0"	8.0"
5.7"	8.0"	8.0"	8.0"	5.5"	2.2"	5.3"	6.8"	8.0"	8.0"	8.0"
4.5"	7.5"	8.0"	8.0"	4.3"	1.7"	4.2"	5.3"	8.0"	8.0"	7.5"
2.8"	5.1"	6.9"	6.9"	2.9"	1.1"	2.5"	3.4"	6.6"	7.1"	4.8"
2.5"	4.6"	6.2"	6.2"	2.6"	1.0"	2.3"	3.1"	6.0"	6.4"	4.4"

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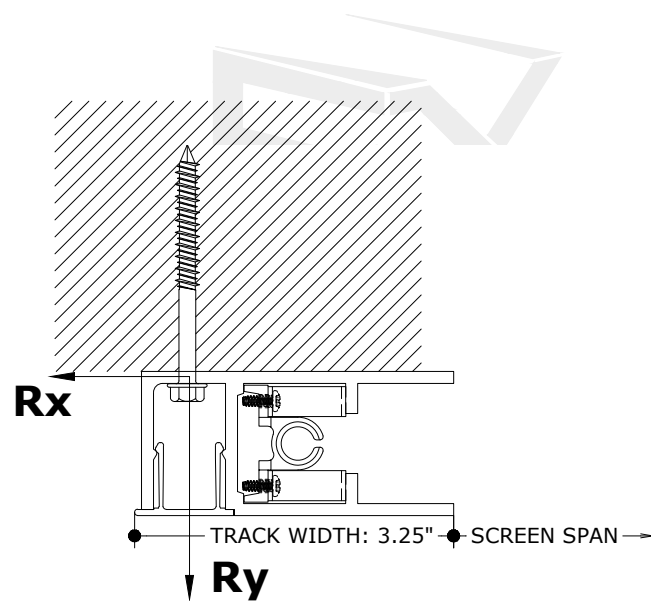
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REV. FOR NEW TESTING EPR	RWN		02/14/25
2026 FBC UPDATE	CJB		7/14/26

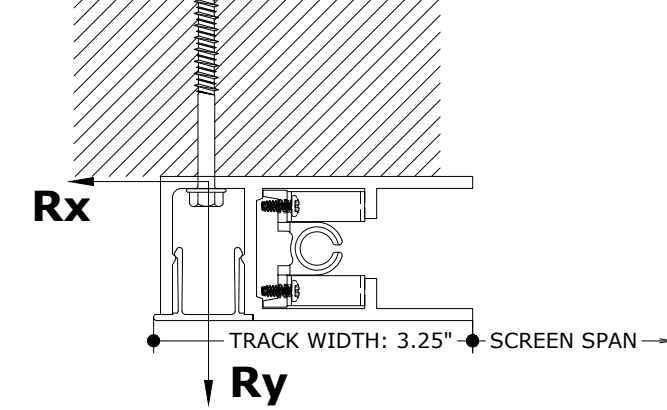
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					CONCRETE			GROUT-FILLED BLOCK		HOLLOW BLOCK	WOOD		STEEL OR ALUMINUM	CONCRETE	GROUT-FILLED BLOCK
MAX. SCREEN SPAN	# OF BOT. ANGLES	MAX. DESIGN PRESSURE	R _x	R _y	5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 1.75" MIN. EMBEDMENT; 1.25" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 2" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO 3000 PSI MIN. CONCRETE; 2.25" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO GROUT-FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 4" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO GROUT-FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 2.5" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO HOLLOW CMU; 1.25" EMBEDMENT; 1-1/16" MIN. EDGE DISTANCE	5/16" Ø LAG SCREW TO G=0.55 MIN. WOOD; 2" MIN. EMBEDMENT; 0.75" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO G=0.55 MIN. WOOD (PERP. TO WOOD GRAIN); 1.5" MIN. EMBEDMENT; 1-9/16" MIN. EDGE DISTANCE	410 SS SMS W/ FULL THREAD PENETRATION OR 5/16-18 410 SS THRU-BOLT TO 3/16" MIN. A36 STEEL OR 6063-T6 ALUM; 0.625" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO 3000 PSI MIN. CONCRETE; 3.5" MIN. EMBEDMENT; 5" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO GROUT-FILLED CONCRETE BLOCK; 3.25" EMBEDMENT; 3.5" MIN. EDGE DISTANCE & 6" MIN. END DISTANCE TO END OF WALL
192"	(0)	+/- 20.0 PSF	257 LB/FT	160 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	3.9"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 27.0 PSF	347 LB/FT	216 LB/FT	7.5"	8.0"	8.0"	8.0"	7.2"	2.9"	7.0"	8.0"	8.0"	8.0"	8.0"
192"	(2)	+/- 30.0 PSF	604 LB/FT	240 LB/FT	4.8"	8.0"	8.0"	8.0"	4.9"	1.9"	4.3"	5.8"	8.0"	8.0"	8.0"
		+/- 40.0 PSF	805 LB/FT	320 LB/FT	3.6"	6.5"	8.0"	8.0"	3.7"	1.5"	3.2"	4.3"	8.0"	8.0"	6.2"
		+/- 45.0 PSF	905 LB/FT	360 LB/FT	3.2"	5.8"	7.8"	7.8"	3.3"	1.3"	2.9"	3.9"	7.6"	8.0"	5.5"
204"	(1)	+/- 20.0 PSF	416 LB/FT	170 LB/FT	6.9"	8.0"	8.0"	8.0"	7.1"	2.8"	6.2"	8.0"	8.0"	8.0"	8.0"
		+/- 25.0 PSF	520 LB/FT	213 LB/FT	5.5"	8.0"	8.0"	8.0"	5.7"	2.2"	5.0"	6.7"	8.0"	8.0"	8.0"
216"	(2)	+/- 20.0 PSF	464 LB/FT	180 LB/FT	6.3"	8.0"	8.0"	8.0"	6.5"	2.6"	5.6"	7.6"	8.0"	8.0"	8.0"
		+/- 25.0 PSF	580 LB/FT	225 LB/FT	5.0"	8.0"	8.0"	8.0"	5.2"	2.0"	4.5"	6.1"	8.0"	8.0"	8.0"
240"	(3)	+/- 20.0 PSF	524 LB/FT	200 LB/FT	5.6"	8.0"	8.0"	8.0"	5.7"	2.3"	5.0"	6.7"	8.0"	8.0"	8.0"
		+/- 22.0 PSF	577 LB/FT	220 LB/FT	5.1"	8.0"	8.0"	8.0"	5.2"	2.1"	4.5"	6.1"	8.0"	8.0"	8.0"
264"	(3)	+/- 20.0 PSF	585 LB/FT	220 LB/FT	5.0"	8.0"	8.0"	8.0"	5.2"	2.0"	4.5"	6.1"	8.0"	8.0"	8.0"
		+/- 22.0 PSF	643 LB/FT	242 LB/FT	4.5"	8.0"	8.0"	8.0"	4.7"	1.9"	4.0"	5.5"	8.0"	8.0"	7.8"
288"	(3)	+/- 20.0 PSF	646 LB/FT	240 LB/FT	4.5"	8.0"	8.0"	8.0"	4.7"	1.9"	4.0"	5.5"	8.0"	8.0"	7.8"
		+/- 22.0 PSF	710 LB/FT	264 LB/FT	4.1"	7.6"	8.0"	8.0"	4.3"	1.7"	3.7"	5.0"	8.0"	8.0"	7.1"
312"	(4)	+/- 20.0 PSF	707 LB/FT	260 LB/FT	4.1"	7.7"	8.0"	8.0"	4.3"	1.7"	3.7"	5.0"	8.0"	8.0"	7.2"
336"	(4)	+/- 20.0 PSF	798 LB/FT	280 LB/FT	3.7"	6.9"	8.0"	8.0"	3.9"	1.5"	3.3"	4.5"	8.0"	8.0"	6.4"
360"	(4)	+/- 20.0 PSF	829 LB/FT	300 LB/FT	3.5"	6.6"	8.0"	8.0"	3.7"	1.5"	3.2"	4.3"	8.0"	8.0"	6.1"

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SA TRACK HURRICANE SCREEN
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA)[illegible]

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NOTE: TRAP MOUNT ANGLE IS ALSO PERMITTED - SEE PAGE 8 FOR SPECIFICATIONS.

Diagram illustrating the trap mount assembly. The assembly includes a rectangular frame with a screen. A horizontal arrow labeled **R_x** points to the right, and a vertical arrow labeled **R_y** points upwards. The frame is mounted on a base with a spring and a track. A screw is shown on the left side of the frame. Below the frame, a track is shown with a width of 3.25 inches. A screen span is indicated by a line with dots at the ends.

MAX. SCREEN SPAN	# OF BOT. ANGLES	MAX. DESIGN PRESSURE	R _x	R _y	EDGE DISTANCE	EDGE DISTANCE	EDGE DISTANCE	4" MIN. EDGE DISTANCE	2.5" MIN. EDGE DISTANCE	DISTANCE	DISTANCE	1-3/16" MIN. EDGE DISTANCE	0.625" MIN. EDGE DISTANCE	5" MIN. EDGE DISTANCE	DISTANCE & 6" MIN. END DISTANCE TO END OF WALL
72"	(0)	+/- 20.0 PSF	138 LB/FT	60 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 30.0 PSF	207 LB/FT	90 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	5.4"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 40.0 PSF	277 LB/FT	120 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	4.0"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 50.0 PSF	346 LB/FT	150 LB/FT	8.0"	8.0"	8.0"	8.0"	7.5"	3.2"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 60.0 PSF	415 LB/FT	180 LB/FT	8.0"	8.0"	8.0"	8.0"	6.3"	2.7"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 70.0 PSF	484 LB/FT	210 LB/FT	7.1"	8.0"	8.0"	8.0"	5.4"	2.3"	7.9"	7.7"	8.0"	8.0"	8.0"
		+/- 80.0 PSF	553 LB/FT	240 LB/FT	6.2"	7.7"	8.0"	8.0"	4.7"	2.0"	6.9"	6.8"	8.0"	8.0"	8.0"
		+/- 90.0 PSF	622 LB/FT	270 LB/FT	5.5"	6.9"	8.0"	8.0"	4.2"	1.8"	6.1"	6.0"	8.0"	8.0"	8.0"
		+/- 100.0 PSF	692 LB/FT	300 LB/FT	4.9"	6.2"	8.0"	8.0"	3.8"	1.6"	5.5"	5.4"	8.0"	8.0"	7.3"
		+/- 110.0 PSF	761 LB/FT	330 LB/FT	4.5"	5.6"	8.0"	8.0"	3.4"	1.5"	5.0"	4.9"	8.0"	8.0"	6.6"
		+/- 120.0 PSF	830 LB/FT	360 LB/FT	4.1"	5.1"	8.0"	8.0"	3.1"	1.3"	4.6"	4.5"	8.0"	8.0"	6.1"
		+/- 130.0 PSF	899 LB/FT	390 LB/FT	3.8"	4.8"	8.0"	8.0"	2.9"	1.2"	4.3"	4.2"	7.4"	8.0"	5.6"
		+/- 140.0 PSF	968 LB/FT	420 LB/FT	3.5"	4.4"	7.7"	7.7"	2.7"	1.1"	4.0"	3.9"	6.9"	7.7"	5.2"
		+/- 150.0 PSF	1037 LB/FT	450 LB/FT	3.3"	4.1"	7.2"	7.2"	2.5"	1.1"	3.7"	3.6"	6.5"	7.2"	4.9"
96"	(0)	+/- 20.0 PSF	116 LB/FT	80 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 30.0 PSF	173 LB/FT	120 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	5.5"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 40.0 PSF	231 LB/FT	160 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	4.1"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 50.0 PSF	289 LB/FT	200 LB/FT	8.0"	8.0"	8.0"	8.0"	7.8"	3.3"	8.0"	8.0"	8.0"	8.0"	8.0"
	(0)	+/- 60.0 PSF	522 LB/FT	240 LB/FT	6.4"	8.0"	8.0"	8.0"	4.9"	2.1"	7.1"	7.0"	8.0"	8.0"	8.0"
		+/- 70.0 PSF	610 LB/FT	280 LB/FT	5.5"	6.9"	8.0"	8.0"	4.2"	1.8"	6.1"	6.0"	8.0"	8.0"	8.0"
		+/- 80.0 PSF	697 LB/FT	320 LB/FT	4.8"	6.1"	8.0"	8.0"	3.7"	1.6"	5.3"	5.3"	8.0"	8.0"	7.1"
		+/- 90.0 PSF	784 LB/FT	360 LB/FT	4.3"	5.4"	8.0"	8.0"	3.3"	1.4"	4.7"	4.7"	8.0"	8.0"	6.3"
		+/- 100.0 PSF	871 LB/FT	400 LB/FT	3.8"	4.8"	8.0"	8.0"	2.9"	1.3"	4.3"	4.2"	7.6"	8.0"	5.7"
		+/- 110.0 PSF	958 LB/FT	440 LB/FT	3.5"	4.4"	7.6"	7.6"	2.7"	1.1"	3.9"	3.8"	6.9"	7.6"	5.2"
		+/- 120.0 PSF	1045 LB/FT	480 LB/FT	3.2"	4.0"	7.0"	7.0"	2.5"	1.0"	3.5"	3.5"	6.3"	7.0"	4.7"
+/- 125.0 PSF	1089 LB/FT	500 LB/FT	3.1"	3.9"	6.7"	6.7"	2.4"	1.0"	3.4"	3.4"	6.0"	6.7"	4.6"		
96"	(1)	+/- 129.0 PSF	1332 LB/FT	516 LB/FT	2.7"	3.3"	5.8"	5.8"	2.0"	0.9"	3.1"	2.9"	5.2"	5.8"	3.9"

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PREV. SUBMITTAL (22-55191)	EPR	RWN	10/12/23

REV. FOR NEW TESTING	EPR	RWN	02/14/25
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2026 FBC UPDATE	CJB	CCB	7/14/26
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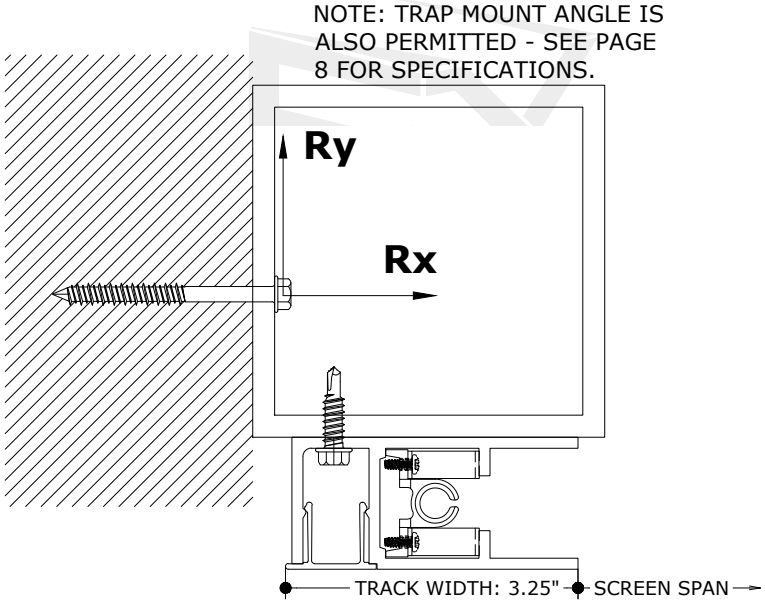
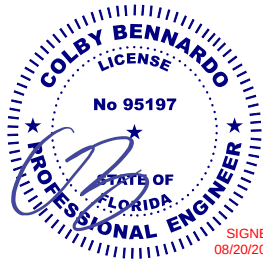
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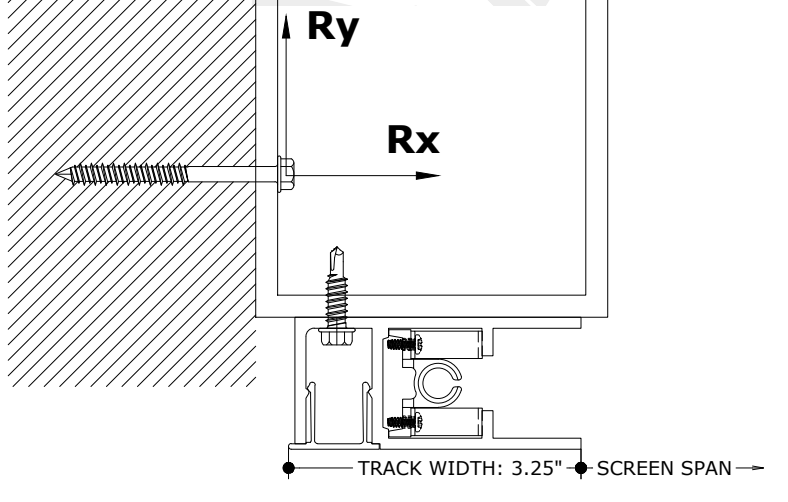
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OF
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NOTES ON PAGE 11

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					MAXIMUM ON-CENTER ANCHOR SPACING										
					CONCRETE			GROUT-FILLED BLOCK		HOLLOW BLOCK	WOOD		STEEL OR ALUMINUM	CONCRETE	GROUT-FILLED BLOCK
					5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 1.75" MIN. EMBEDMENT; 1.25" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 2" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO 3000 PSI MIN. CONCRETE; 2.25" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO GROUT-FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 4" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO GROUT-FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 2.5" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO HOLLOW CMU; 1.25" EMBEDMENT; 1-1/16" MIN. EDGE DISTANCE	5/16" Ø LAG SCREW TO G=0.55 MIN. WOOD; 2" MIN. EMBEDMENT; 0.75" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO WOOD (PERP. TO WOOD GRAIN); 1.5" MIN. EMBEDMENT; 1-9/16" MIN. EDGE DISTANCE	5/16" Ø 410 SS SMS W/ FULL THREAD PENETRATION OR 5/16-18 410 SS THRU-BOLT TO 3/16" MIN. A36 STEEL OR 6063-T6 ALUM; 0.625" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO 3000 PSI MIN. CONCRETE; 3.5" MIN. EMBEDMENT; 5" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO GROUT-FILLED CONCRETE BLOCK; 3.25" EMBEDMENT; 3.5" MIN. EDGE DISTANCE & 6" MIN. END DISTANCE TO END OF WALL
MAX. SCREEN SPAN	# OF BOT. ANGLES	MAX. DESIGN PRESSURE	R _x	R _y											
120"	(0)	+/- 20.0 PSF	211 LB/FT	100 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	5.1"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 30.0 PSF	316 LB/FT	150 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	3.4"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 40.0 PSF	421 LB/FT	200 LB/FT	7.8"	8.0"	8.0"	8.0"	6.0"	2.6"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 50.0 PSF	527 LB/FT	250 LB/FT	6.3"	7.9"	8.0"	8.0"	4.8"	2.1"	6.9"	6.9"	8.0"	8.0"	8.0"
		+/- 60.0 PSF	632 LB/FT	300 LB/FT	5.2"	6.6"	8.0"	8.0"	4.0"	1.7"	5.7"	5.7"	8.0"	8.0"	7.8"
		+/- 70.0 PSF	737 LB/FT	350 LB/FT	4.5"	5.7"	8.0"	8.0"	3.5"	1.5"	4.9"	4.9"	8.0"	8.0"	6.6"
		+/- 80.0 PSF	843 LB/FT	400 LB/FT	3.9"	5.0"	8.0"	8.0"	3.0"	1.3"	4.3"	4.3"	7.7"	8.0"	5.8"
		+/- 90.0 PSF	948 LB/FT	450 LB/FT	3.5"	4.4"	7.6"	7.6"	2.7"	1.1"	3.8"	3.8"	6.9"	7.6"	5.2"
120"	(1)	+/- 100.0 PSF	1053 LB/FT	500 LB/FT	3.1"	4.0"	6.8"	6.8"	2.4"	1.0"	3.4"	3.4"	6.2"	6.8"	4.7"
		+/- 108.0 PSF	1501 LB/FT	540 LB/FT	2.5"	3.0"	5.3"	5.3"	1.8"	0.8"	2.8"	2.7"	4.7"	5.2"	3.6"
144"	(0)	+/- 20.0 PSF	213 LB/FT	120 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	4.8"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 30.0 PSF	320 LB/FT	180 LB/FT	8.0"	8.0"	8.0"	8.0"	7.6"	3.2"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 38.0 PSF	405 LB/FT	228 LB/FT	7.5"	8.0"	8.0"	8.0"	6.0"	2.5"	8.0"	8.0"	8.0"	8.0"	8.0"
144"	(0)	+/- 50.0 PSF	619 LB/FT	300 LB/FT	5.3"	6.7"	8.0"	8.0"	4.1"	1.7"	5.8"	5.8"	8.0"	8.0"	7.9"
		+/- 60.0 PSF	742 LB/FT	360 LB/FT	4.4"	5.6"	8.0"	8.0"	3.4"	1.4"	4.8"	4.8"	8.0"	8.0"	6.6"
		+/- 70.0 PSF	866 LB/FT	420 LB/FT	3.8"	4.8"	8.0"	8.0"	2.9"	1.2"	4.1"	4.2"	7.5"	8.0"	5.6"
		+/- 76.0 PSF	940 LB/FT	456 LB/FT	3.6"	4.4"	7.6"	7.6"	2.7"	1.1"	3.8"	3.8"	6.9"	7.6"	5.2"
144"	(1)	+/- 87.0 PSF	1530 LB/FT	522 LB/FT	2.5"	2.9"	5.2"	5.2"	1.8"	0.8"	2.8"	2.7"	4.7"	5.2"	3.6"
168"	(0)	+/- 20.0 PSF	284 LB/FT	140 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	3.8"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 30.0 PSF	427 LB/FT	210 LB/FT	7.6"	8.0"	8.0"	8.0"	5.9"	2.5"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 40.0 PSF	569 LB/FT	280 LB/FT	5.7"	7.3"	8.0"	8.0"	4.4"	1.9"	6.2"	6.3"	8.0"	8.0"	8.0"
		+/- 51.0 PSF	725 LB/FT	357 LB/FT	4.5"	5.7"	8.0"	8.0"	3.5"	1.6"	4.9"	4.9"	8.0"	8.0"	6.7"
168"	(2)	+/- 60.0 PSF	1280 LB/FT	420 LB/FT	3.0"	3.5"	6.3"	6.3"	2.2"	0.9"	3.5"	3.2"	5.6"	6.3"	4.3"
		+/- 66.0 PSF	1409 LB/FT	462 LB/FT	2.7"	3.2"	5.8"	5.8"	2.0"	0.8"	3.2"	2.9"	5.1"	5.7"	3.9"

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PREV. SUBMITTAL (22-55191)	EPR	RWN	10/12/23
REV. FOR NEW TESTING	EPR	RWN	02/14/25
2026 FBC UPDATE	CJB	CCB	7/14/26

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Diagram illustrating the forces and dimensions of a screen assembly. The forces R_y (vertical) and R_x (horizontal) are shown acting on the screen. The track width is 3.25" and the screen span is indicated by an arrow.

MAX. SCREEN SPAN	# OF BOT. ANGLES	MAX. DESIGN PRESSURE	R _x	R _y	EDGE DISTANCE	EDGE DISTANCE	EDGE DISTANCE	4' MIN. EDGE DISTANCE	2.5' MIN. EDGE DISTANCE	DISTANCE	DISTANCE	1-3/16" MIN. EDGE DISTANCE	0.025" MIN. EDGE DISTANCE	5" MIN. EDGE DISTANCE	DISTANCE & 5' MIN. END DISTANCE TO END OF WALL
192"	(0)	+/- 20.0 PSF	322 LB/FT	160 LB/FT	8.0"	8.0"	8.0"	8.0"	7.8"	3.3"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 27.0 PSF	434 LB/FT	216 LB/FT	7.4"	8.0"	8.0"	8.0"	5.8"	2.5"	8.0"	8.0"	8.0"	8.0"	8.0"
192"	(2)	+/- 30.0 PSF	755 LB/FT	240 LB/FT	5.1"	6.0"	8.0"	8.0"	3.7"	1.6"	6.0"	5.5"	8.0"	8.0"	7.3"
		+/- 40.0 PSF	1006 LB/FT	320 LB/FT	3.8"	4.5"	8.0"	8.0"	2.8"	1.2"	4.5"	4.1"	7.2"	8.0"	5.5"
		+/- 45.0 PSF	1132 LB/FT	360 LB/FT	3.4"	4.0"	7.2"	7.2"	2.5"	1.1"	4.0"	3.7"	6.4"	7.2"	4.9"
204"	(1)	+/- 20.0 PSF	520 LB/FT	170 LB/FT	7.3"	8.0"	8.0"	8.0"	5.3"	2.3"	8.0"	7.9"	8.0"	8.0"	8.0"
		+/- 25.0 PSF	650 LB/FT	213 LB/FT	5.9"	6.9"	8.0"	8.0"	4.3"	1.8"	6.8"	6.3"	8.0"	8.0"	8.0"
216"	(2)	+/- 20.0 PSF	580 LB/FT	180 LB/FT	6.7"	7.9"	8.0"	8.0"	4.8"	2.1"	7.9"	7.2"	8.0"	8.0"	8.0"
		+/- 25.0 PSF	725 LB/FT	225 LB/FT	5.3"	6.3"	8.0"	8.0"	3.9"	1.7"	6.3"	5.8"	8.0"	8.0"	7.7"
240"	(3)	+/- 20.0 PSF	655 LB/FT	200 LB/FT	5.9"	7.0"	8.0"	8.0"	4.3"	1.9"	7.0"	6.4"	8.0"	8.0"	8.0"
		+/- 22.0 PSF	721 LB/FT	220 LB/FT	5.4"	6.3"	8.0"	8.0"	3.9"	1.7"	6.4"	5.8"	8.0"	8.0"	7.8"
264"	(3)	+/- 20.0 PSF	731 LB/FT	220 LB/FT	5.4"	6.3"	8.0"	8.0"	3.9"	1.7"	6.3"	5.8"	8.0"	8.0"	7.7"
		+/- 22.0 PSF	804 LB/FT	242 LB/FT	4.9"	5.7"	8.0"	8.0"	3.5"	1.5"	5.8"	5.2"	8.0"	8.0"	7.0"
288"	(3)	+/- 20.0 PSF	807 LB/FT	240 LB/FT	4.9"	5.7"	8.0"	8.0"	3.5"	1.5"	5.8"	5.2"	8.0"	8.0"	7.0"
		+/- 22.0 PSF	888 LB/FT	264 LB/FT	4.4"	5.2"	8.0"	8.0"	3.2"	1.4"	5.2"	4.8"	8.0"	8.0"	6.3"
312"	(4)	+/- 20.0 PSF	883 LB/FT	260 LB/FT	4.5"	5.2"	8.0"	8.0"	3.2"	1.4"	5.3"	4.8"	8.0"	8.0"	6.4"
336"	(4)	+/- 20.0 PSF	998 LB/FT	280 LB/FT	4.0"	4.6"	8.0"	8.0"	2.9"	1.2"	4.8"	4.3"	7.5"	8.0"	5.7"
360"	(4)	+/- 20.0 PSF	1036 LB/FT	300 LB/FT	3.8"	4.4"	8.0"	8.0"	2.7"	1.2"	4.5"	4.1"	7.2"	8.0"	5.5"

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ADENTON, FL 34203

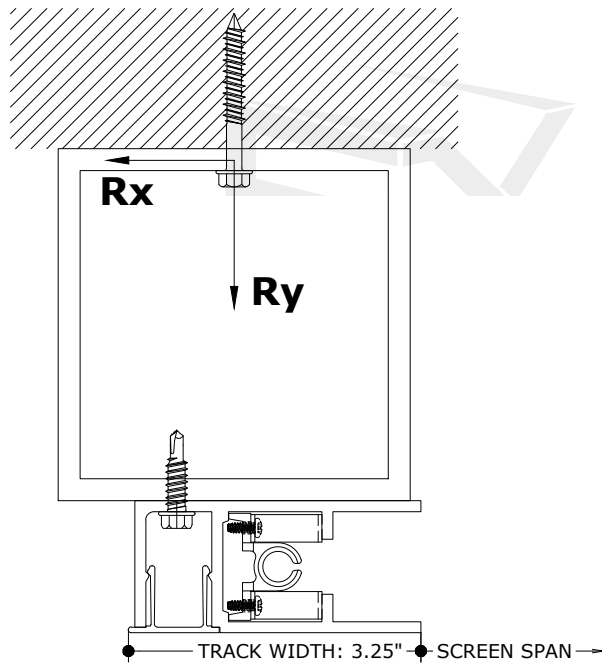
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SA TRACK HURRICANE SCREEN
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA)

REMARKS	DRWN	CHKD	DATE
PREV SUBMITTAL (22-55191)	EPR	RWN	10/12/23
REV FOR NEW TESTING	EPR	RWN	02/14/25
2026 FBC UPDATE	CJB	CCB	7/14/26
-	-	-	-
-	-	-	-

SCALE: NTS UNLESS NOTED

17



FL 42317.1

MAXIMUM ON-CENTER ANCHOR SPACING										
CONCRETE			GROUT-FILLED BLOCK		HOLLOW BLOCK	WOOD		STEEL OR ALUMINUM	CONCRETE	GROUT-FILLED BLOCK
5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 1.75" MIN. EMBEDMENT; 1.25" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 2" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO 3000 PSI MIN. CONCRETE; 2.25" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO GROUT- FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 4" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO GROUT- FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 2.5" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO HOLLOW CMU; 1.25" EMBEDMENT; 1-1/16" MIN. EDGE DISTANCE	5/16" Ø LAG SCREW TO G=0.55 MIN. WOOD; 2" MIN. EMBEDMENT; 0.75" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO G=0.55 MIN. WOOD (PERP. TO WOOD GRAIN); 1.5" MIN. EMBEDMENT; 1-9/16" MIN. EDGE DISTANCE	5/16" Ø 410 SS SMS W/ FULL THREAD PENETRATION OR 5/16-18 410 SS THRU-BOLT TO 3/16" MIN. A36 STEEL OR 6063-T6 ALUM; 0.625" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO 3000 PSI MIN. CONCRETE; 3.5" MIN. EMBEDMENT; 5" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO GROUT- FILLED CONCRETE BLOCK; 3.25" EMBEDMENT; 3.5" MIN. EDGE DISTANCE & 6" MIN. END DISTANCE TO END OF WALL

MAX. SCREEN SPAN	# OF BOT. ANGLES	MAX. DESIGN PRESSURE	R _x	R _y	EDGE DISTANCE	EDGE DISTANCE	EDGE DISTANCE	4" MIN. EDGE DISTANCE	2.5" MIN. EDGE DISTANCE	DISTANCE	DISTANCE	1-9/16" MIN. EDGE DISTANCE	0.625" MIN. EDGE DISTANCE	5" MIN. EDGE DISTANCE	DISTANCE & 6" MIN. END DISTANCE TO END OF WALL	
72"	(0)	+/- 20.0 PSF	111 LB/FT	90 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	
		+/- 30.0 PSF	166 LB/FT	135 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	5.4"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 40.0 PSF	221 LB/FT	180 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	4.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 50.0 PSF	277 LB/FT	225 LB/FT	8.0"	8.0"	8.0"	8.0"	7.9"	3.2"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 60.0 PSF	332 LB/FT	270 LB/FT	7.2"	8.0"	8.0"	8.0"	6.6"	2.7"	6.9"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 70.0 PSF	387 LB/FT	315 LB/FT	6.2"	8.0"	8.0"	8.0"	5.7"	2.3"	6.0"	7.2"	8.0"	8.0"	8.0"	8.0"
		+/- 80.0 PSF	443 LB/FT	360 LB/FT	5.4"	8.0"	8.0"	8.0"	5.0"	2.0"	5.2"	6.3"	8.0"	8.0"	8.0"	8.0"
		+/- 90.0 PSF	498 LB/FT	405 LB/FT	4.8"	7.5"	8.0"	8.0"	4.4"	1.8"	4.6"	5.6"	8.0"	8.0"	8.0"	7.8"
		+/- 100.0 PSF	553 LB/FT	450 LB/FT	4.3"	6.8"	8.0"	8.0"	4.0"	1.6"	4.2"	5.1"	8.0"	8.0"	8.0"	7.0"
		+/- 110.0 PSF	609 LB/FT	495 LB/FT	3.9"	6.2"	8.0"	8.0"	3.6"	1.5"	3.8"	4.6"	8.0"	8.0"	8.0"	6.4"
		+/- 120.0 PSF	664 LB/FT	540 LB/FT	3.6"	5.7"	8.0"	8.0"	3.3"	1.3"	3.5"	4.2"	8.0"	8.0"	8.0"	5.9"
		+/- 130.0 PSF	719 LB/FT	585 LB/FT	3.3"	5.2"	7.8"	7.8"	3.0"	1.2"	3.2"	3.9"	7.4"	8.0"	7.9"	5.4"
		+/- 140.0 PSF	775 LB/FT	630 LB/FT	3.1"	4.8"	7.2"	7.2"	2.8"	1.2"	3.0"	3.6"	6.8"	8.0"	7.4"	5.0"
		+/- 150.0 PSF	830 LB/FT	675 LB/FT	2.9"	4.5"	6.8"	6.8"	2.6"	1.1"	2.8"	3.4"	6.4"	8.0"	6.9"	4.7"
96"	(0)	+/- 20.0 PSF	93 LB/FT	120 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	7.6"	8.0"	8.0"	8.0"	8.0"	8.0"	
		+/- 30.0 PSF	139 LB/FT	180 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	5.1"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 40.0 PSF	185 LB/FT	240 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	3.8"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
		+/- 50.0 PSF	231 LB/FT	300 LB/FT	8.0"	8.0"	8.0"	8.0"	7.3"	3.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
	(0)	+/- 60.0 PSF	418 LB/FT	360 LB/FT	5.6"	8.0"	8.0"	8.0"	5.1"	2.1"	5.4"	6.5"	8.0"	8.0"	8.0"	8.0"
		+/- 70.0 PSF	488 LB/FT	420 LB/FT	4.8"	7.5"	8.0"	8.0"	4.4"	1.8"	4.7"	5.6"	8.0"	8.0"	8.0"	7.8"
		+/- 80.0 PSF	557 LB/FT	480 LB/FT	4.2"	6.5"	8.0"	8.0"	3.8"	1.6"	4.1"	4.9"	8.0"	8.0"	8.0"	6.8"
		+/- 90.0 PSF	627 LB/FT	540 LB/FT	3.7"	5.8"	8.0"	8.0"	3.4"	1.4"	3.6"	4.4"	8.0"	8.0"	8.0"	6.0"
		+/- 100.0 PSF	697 LB/FT	600 LB/FT	3.4"	5.2"	7.9"	7.9"	3.1"	1.3"	3.3"	3.9"	7.4"	8.0"	8.0"	5.4"
		+/- 110.0 PSF	766 LB/FT	660 LB/FT	3.1"	4.7"	7.2"	7.2"	2.8"	1.1"	3.0"	3.6"	6.7"	8.0"	7.3"	4.9"
		+/- 120.0 PSF	836 LB/FT	720 LB/FT	2.8"	4.3"	6.6"	6.6"	2.5"	1.0"	2.7"	3.3"	6.2"	8.0"	6.7"	4.5"
+/- 125.0 PSF	871 LB/FT	750 LB/FT	2.7"	4.2"	6.3"	6.3"	2.4"	1.0"	2.6"	3.1"	5.9"	8.0"	6.4"	4.4"		
96"	(1)	+/- 129.0 PSF	1065 LB/FT	774 LB/FT	2.3"	3.7"	5.5"	5.5"	2.2"	0.9"	2.2"	2.7"	5.2"	5.6"	3.8"	



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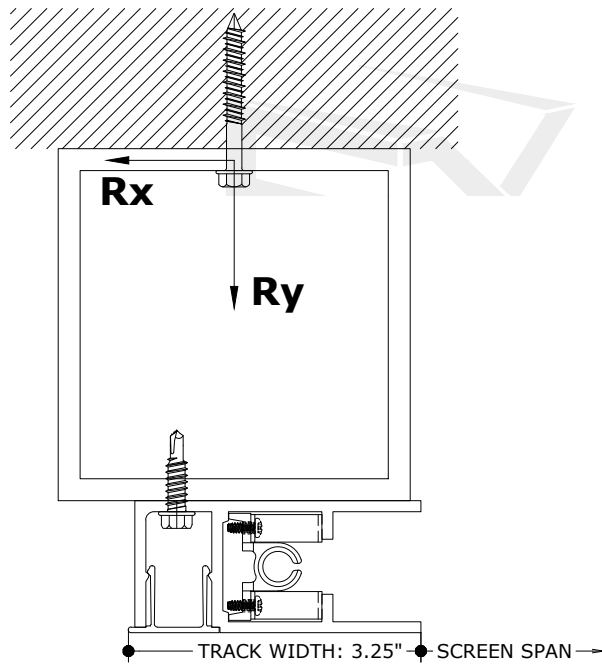
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26-99448

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18

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30



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MAXIMUM ON-CENTER ANCHOR SPACING										
CONCRETE			GROUT-FILLED BLOCK		HOLLOW BLOCK	WOOD		STEEL OR ALUMINUM	CONCRETE	GROUT-FILLED BLOCK
5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 1.75" MIN. EMBEDMENT; 1.25" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 2" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO 3000 PSI MIN. CONCRETE; 2.25" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO GROUT-FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 4" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO GROUT-FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 2.5" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO HOLLOW CMU; 1.25" EMBEDMENT; 1-1/16" MIN. EDGE DISTANCE	5/16" Ø LAG SCREW TO G=0.55 MIN. WOOD; 2" MIN. EMBEDMENT; 0.75" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO G=0.55 MIN. WOOD (PERP. TO WOOD GRAIN); 1.5" MIN. EMBEDMENT; 1-9/16" MIN. EDGE DISTANCE	5/16" Ø 410 SS SMS W/ FULL THREAD PENETRATION OR 5/16-18 410 SS THRU-BOLT TO 3/16" MIN. A36 STEEL OR 6063-T6 ALUM; 0.625" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO 3000 PSI MIN. CONCRETE; 3.5" MIN. EMBEDMENT; 5" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO GROUT-FILLED CONCRETE BLOCK; 3.25" EMBEDMENT; 3.5" MIN. EDGE DISTANCE & 6" MIN. END DISTANCE TO END OF WALL
8.0"	8.0"	8.0"	8.0"	8.0"	5.1"	8.0"	8.0"	8.0"	8.0"	8.0"
8.0"	8.0"	8.0"	8.0"	8.0"	3.4"	8.0"	8.0"	8.0"	8.0"	8.0"
6.9"	8.0"	8.0"	8.0"	6.2"	2.5"	6.7"	8.0"	8.0"	8.0"	8.0"
5.5"	8.0"	8.0"	8.0"	5.0"	2.0"	5.4"	6.4"	8.0"	8.0"	8.0"
4.6"	7.1"	8.0"	8.0"	4.1"	1.7"	4.5"	5.3"	8.0"	8.0"	7.4"
3.9"	6.0"	8.0"	8.0"	3.5"	1.5"	3.8"	4.6"	8.0"	8.0"	6.3"
3.4"	5.3"	8.0"	8.0"	3.1"	1.3"	3.4"	4.0"	7.5"	8.0"	5.5"
3.1"	4.7"	7.1"	7.1"	2.8"	1.1"	3.0"	3.6"	6.7"	7.2"	4.9"
2.8"	4.2"	6.4"	6.4"	2.5"	1.0"	2.7"	3.2"	6.0"	6.5"	4.4"
2.1"	3.5"	5.0"	5.0"	2.0"	0.8"	2.0"	2.5"	4.8"	5.1"	3.5"
8.0"	8.0"	8.0"	8.0"	8.0"	4.6"	8.0"	8.0"	8.0"	8.0"	8.0"
8.0"	8.0"	8.0"	8.0"	7.4"	3.1"	8.0"	8.0"	8.0"	8.0"	8.0"
6.7"	8.0"	8.0"	8.0"	5.9"	2.4"	6.7"	7.7"	8.0"	8.0"	8.0"
4.7"	7.1"	8.0"	8.0"	4.2"	1.7"	4.5"	5.4"	8.0"	8.0"	7.5"
3.9"	5.9"	8.0"	8.0"	3.5"	1.4"	3.8"	4.5"	8.0"	8.0"	6.2"
3.3"	5.1"	7.7"	7.7"	3.0"	1.2"	3.2"	3.9"	7.3"	7.9"	5.3"
3.1"	4.7"	7.1"	7.1"	2.7"	1.1"	3.0"	3.6"	6.7"	7.2"	4.9"
2.1"	3.5"	5.0"	5.0"	2.0"	0.8"	2.0"	2.5"	4.8"	5.1"	3.5"
8.0"	8.0"	8.0"	8.0"	8.0"	3.7"	8.0"	8.0"	8.0"	8.0"	8.0"
6.7"	8.0"	8.0"	8.0"	6.0"	2.5"	6.6"	7.8"	8.0"	8.0"	8.0"
5.0"	7.7"	8.0"	8.0"	4.5"	1.9"	4.9"	5.8"	8.0"	8.0"	8.0"
3.9"	6.0"	8.0"	8.0"	3.5"	1.5"	3.9"	4.6"	8.0"	8.0"	6.3"
2.5"	4.2"	6.1"	6.1"	2.4"	1.0"	2.4"	3.0"	5.8"	6.2"	4.2"
2.3"	3.9"	5.5"	5.5"	2.2"	0.9"	2.2"	2.7"	5.3"	5.7"	3.8"

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FLORIDA BUILDING CODE NINTH EDITION (2026)

FLORIDA STATEWIDE APPROVAL (FSA)

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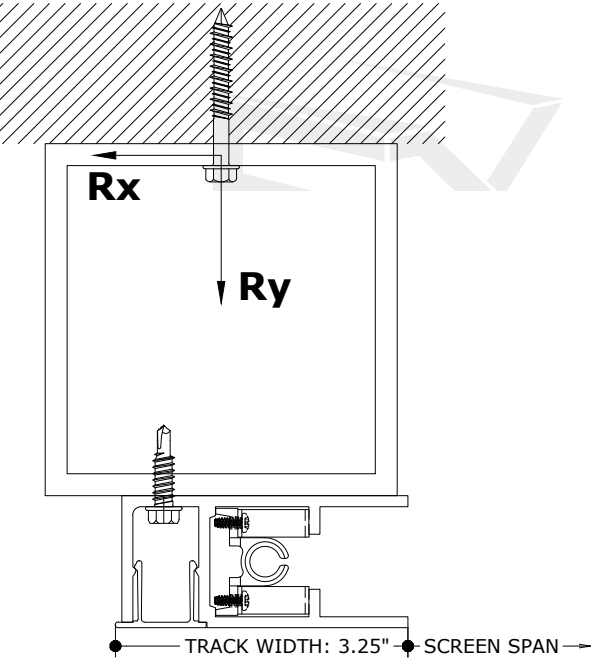
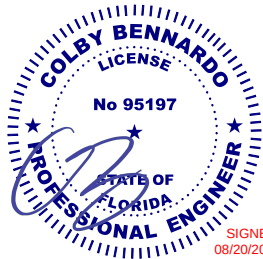
SCALE: NTS UNLESS NOTED

19

OF	30
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SEE ANCHOR SCHEDULE
NOTES ON PAGE 11

COLBY BENNARD, P.E.
PE# 95197 CA# 9885



MAXIMUM ON-CENTER ANCHOR SPACING														
CONCRETE			GROUT-FILLED BLOCK		HOLLOW BLOCK	WOOD		STEEL OR ALUMINUM	CONCRETE	GROUT-FILLED BLOCK				
5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 1.75" MIN. EMBEDMENT; 1.25" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO 3000 PSI MIN. CONCRETE; 2" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO 3000 PSI MIN. CONCRETE; 2.25" MIN. EMBEDMENT; 3.125" MIN. EDGE DISTANCE	5/16" Ø ITW TAPCON XL TO GROUT-FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 4" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO GROUT-FILLED CONCRETE BLOCK; 2.25" MIN. EMBEDMENT; 2.5" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO HOLLOW CMU; 1.25" EMBEDMENT; 1-1/16" MIN. EDGE DISTANCE	5/16" Ø LAG SCREW TO G=0.55 MIN. WOOD; 2" MIN. EMBEDMENT; 0.75" MIN. EDGE DISTANCE	5/16" Ø DEWALT ULTRACON TO WOOD (PERP. TO WOOD GRAIN); 1.5" MIN. EMBEDMENT; 1-9/16" MIN. EDGE DISTANCE	5/16" Ø 410 SS SMS W/ FULL THREAD PENETRATION OR 5/16-18 410 SS THRU-BOLT TO 3/16" MIN. A36 STEEL OR 6063-T6 ALUM; 0.625" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO 3000 PSI MIN. CONCRETE; 3.5" MIN. EMBEDMENT; 5" MIN. EDGE DISTANCE	3/8" Ø DEWALT SCREW BOLT+ TO GROUT-FILLED CONCRETE BLOCK; 3.25" EMBEDMENT; 3.5" MIN. EDGE DISTANCE & 6" MIN. END DISTANCE TO END OF WALL				
192"	(0)	+/- 20.0 PSF	257 LB/FT	240 LB/FT	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
192"	(2)	+/- 27.0 PSF	347 LB/FT	324 LB/FT	6.6"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
192"	(2)	+/- 30.0 PSF	604 LB/FT	360 LB/FT	4.4"	7.3"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	7.3"
192"	(2)	+/- 40.0 PSF	805 LB/FT	480 LB/FT	3.3"	5.5"	7.8"	7.8"	7.8"	7.8"	7.8"	7.8"	7.8"	5.4"
192"	(2)	+/- 45.0 PSF	905 LB/FT	540 LB/FT	2.9"	4.9"	6.9"	6.9"	6.9"	6.9"	6.9"	6.9"	6.9"	4.8"
204"	(1)	+/- 20.0 PSF	416 LB/FT	255 LB/FT	6.3"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
204"	(1)	+/- 25.0 PSF	520 LB/FT	319 LB/FT	5.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
216"	(2)	+/- 20.0 PSF	464 LB/FT	270 LB/FT	5.7"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
216"	(2)	+/- 25.0 PSF	580 LB/FT	338 LB/FT	4.6"	7.7"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	7.6"
240"	(3)	+/- 20.0 PSF	524 LB/FT	300 LB/FT	5.1"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"
240"	(3)	+/- 22.0 PSF	577 LB/FT	330 LB/FT	4.6"	7.8"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	7.7"
264"	(3)	+/- 20.0 PSF	585 LB/FT	330 LB/FT	4.6"	7.7"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	7.6"
264"	(3)	+/- 22.0 PSF	643 LB/FT	363 LB/FT	4.1"	7.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	6.9"
288"	(3)	+/- 20.0 PSF	646 LB/FT	360 LB/FT	4.1"	7.1"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	6.9"
288"	(3)	+/- 22.0 PSF	710 LB/FT	396 LB/FT	3.8"	6.4"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	6.3"
312"	(4)	+/- 20.0 PSF	707 LB/FT	390 LB/FT	3.8"	6.5"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	6.4"
336"	(4)	+/- 20.0 PSF	798 LB/FT	420 LB/FT	3.4"	5.9"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	8.0"	5.7"
360"	(4)	+/- 20.0 PSF	829 LB/FT	450 LB/FT	3.3"	5.6"	7.8"	7.8"	7.8"	7.8"	7.8"	7.8"	7.8"	5.5"

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FLORIDA STATEWIDE APPROVAL (FSA)

REMARKS	DRWN	CHKD	DATE
PREV. SUBMITTAL (22-55191)	EPR	RWN	10/12/23
REV. FOR NEW TESTING	EPR	RWN	02/14/25
2026 FBC UPDATE	CJB	CCB	7/14/26

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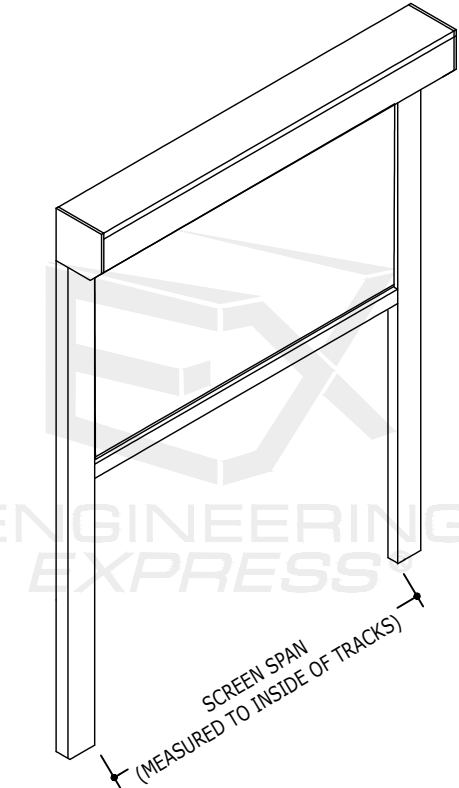
20 OF 30

GLASS SEPARATION SCHEDULE:

MAX. SCREEN SPAN	MIN. GLAZING SEPARATION FROM GLASS														
	MAX. POSITIVE DESIGN PRESSURE														
	+ 20 psf	+ 22 psf	+ 25 psf	+ 27 psf	+ 35 psf	+ 38 psf	+ 45 psf	+ 50 psf	+ 66 psf	+ 70 psf	+ 87 psf	+ 90 psf	+ 108 psf	+ 129 psf	+ 150 psf
48 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in
60 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in
72 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in	11.00 in
84 in	16.00 in	16.00 in	16.00 in	16.00 in	16.00 in	16.00 in	16.50 in	16.50 in	21.50 in	22.75 in	32.75 in	34.50 in	44.75 in	57.00 in	
96 in	21.50 in	21.50 in	21.50 in	21.75 in	22.50 in	22.50 in	23.00 in	23.25 in	32.00 in	34.50 in	41.75 in	43.00 in	50.75 in	59.50 in	
108 in	22.25 in	22.50 in	22.50 in	22.50 in	22.75 in	23.00 in	23.50 in	24.00 in	32.00 in	34.50 in	41.75 in	43.00 in	50.75 in		
120 in	23.50 in	23.75 in	23.75 in	23.75 in	24.50 in	24.50 in	25.00 in	25.50 in	32.00 in	34.50 in	41.75 in	43.00 in	50.75 in		
132 in	24.75 in	25.00 in	25.00 in	25.00 in	26.25 in	26.25 in	27.25 in	27.75 in	32.00 in	34.50 in	41.75 in				
144 in	26.00 in	26.25 in	26.25 in	26.25 in	28.00 in	28.00 in	29.25 in	30.00 in	32.50 in	34.50 in	41.75 in				
156 in	27.25 in	27.50 in	27.50 in	27.50 in	29.75 in	29.75 in	31.25 in	32.25 in	35.50 in						
168 in	28.50 in	28.75 in	28.75 in	28.75 in	31.50 in	31.50 in	33.25 in	34.50 in	38.50 in						
180 in	29.75 in	30.00 in	30.00 in	30.00 in	33.25 in	33.25 in	35.50 in								
192 in	31.00 in	31.25 in	31.25 in	31.25 in	35.00 in	35.00 in	37.50 in								
204 in	31.25 in	32.25 in	33.25 in												
216 in	31.50 in	32.50 in	33.50 in												
228 in	31.75 in	32.75 in	33.75 in												
240 in	32.00 in	33.00 in													
252 in	32.00 in	33.00 in													
264 in	32.25 in	33.25 in													
276 in	32.50 in	33.50 in													
288 in	32.75 in	33.75 in													
300 in	33.00 in	34.00 in													
312 in	33.00 in														
324 in	33.75 in														
336 in	35.25 in														
348 in	36.50 in														
360 in	37.75 in														

GLASS SEPARATION NOTES:

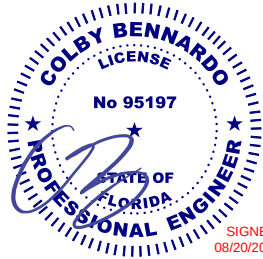
1. GLASS SEPARATION IS DEFINED AS THE DISTANCE FROM THE INSIDE FACE OF THE FABRIC SCREEN TO THE OUTSIDE SURFACE OF EXISTING GLAZING.
2. SEPARATION FROM GLAZING IS REQUIRED FOR ALL INSTALLATIONS WITHIN THE HIGH VELOCITY HURRICANE ZONE, OR ANY OTHER LOCATION REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
3. SEPARATION IS NOT REQUIRED FROM ANY FENESTRATION PRODUCT THAT DOES NOT CONTAIN GLAZING.
4. LINEAR INTERPOLATION OF THIS TABLE IS PERMITTED FOR INTERMEDIATE SPANS, SO LONG AS DEFLECTION VALUES ARE PRESENT FOR THE LOWER AND UPPER BOUNDS OF THE INTERPOLATION. (I.E. CANNOT EXTRAPOLATE/EXCEED THE VALUES IN THE TABLE).



1
21
SCREEN SYSTEM (SIMPLIFIED DIAGRAM)
NOT TO SCALE ISOMETRIC VIEW

NOTE: SYSTEMS WITH SCREEN SPANS 96" AND UNDER ARE PERMITTED TO BE CONSTRUCTED WITHOUT THE BOTTOM HEM, AS DEMONSTRATED BY THE TESTING FORMING THE BASIS OF THIS APPROVAL.

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2026 FBC UPDATE	CJB	CCB	7/14/26

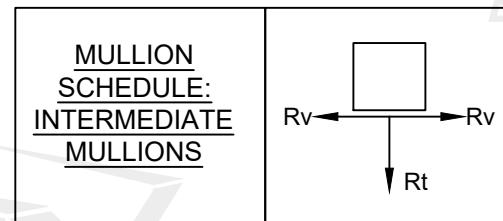
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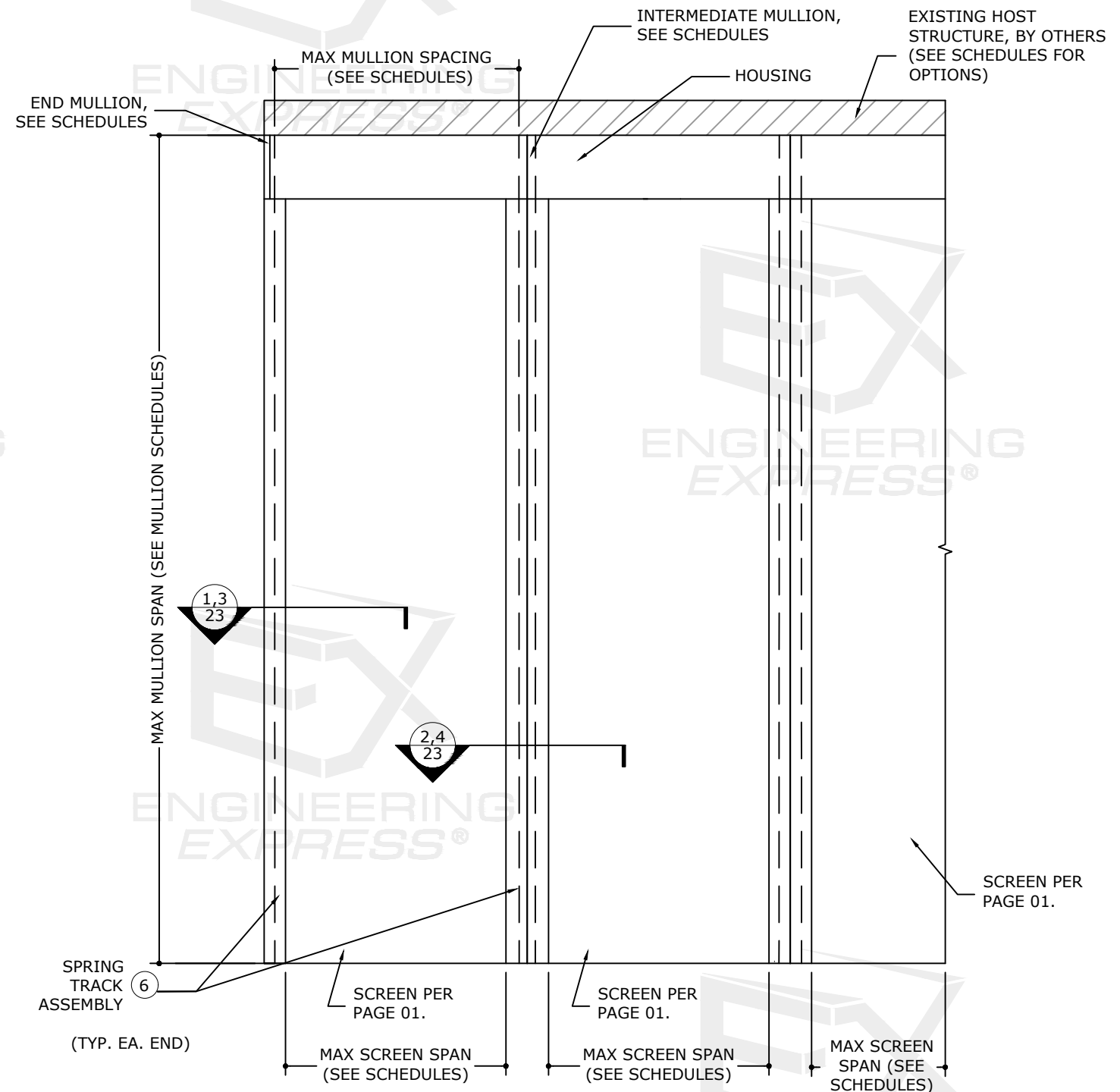
SCALE: NTS UNLESS NOTED

1. VALUES SHOWN IN MULLION SCHEDULES ARE MAXIMUM ALLOWABLE MULLION LENGTHS AT EACH RESPECTIVE SCREEN SPAN AND DESIGN PRESSURE.
2. "INTERMEDIATE MULLIONS" AND "END MULLIONS" ARE AS DEFINED IN THE DETAIL ON THIS PAGE. (NOTE: "INTERMEDIATE MULLIONS" MAY ALSO BE REFERRED TO AS "INTERIOR MULLIONS" OR "INT" MULLIONS HEREIN).
3. ALL MULLIONS SHALL BE 6061-T6 ALUMINUM OR EQUIVALENT.
4. MAXIMUM ALLOWABLE DESIGN PRESSURES AND SCREENS SPANS INDICATED ARE FOR DETERMINING PERMISSIBLE MULLION LENGTHS ONLY. ACTUAL SCREEN SPANS AND DESIGN PRESSURES SHALL NOT EXCEED THOSE INDICATED IN THE SCREEN SPAN SCHEDULES.
5. "END REACTIONS" ARE LISTED FOR EACH COMBINATION OF MAX. SCREEN SPAN, MAX. DESIGN PRESSURE, AND MULLION TYPE (END OR INTERIOR). CHOOSE MOUNTING CONNECTIONS (PER APPLICABLE CONNECTION DETAILS HEREIN) THAT PROVIDES "CONNECTION CAPACITY" GREATER THAN OR EQUAL TO THE "END REACTIONS" SPECIFIED.
6. "INTERMEDIATE MULLIONS" SHALL HAVE EQUAL SCREEN SPANS (+/- 12") ON ADJACENT SIDES OF THE MULLION. OTHERWISE, USE "END MULLION" TABLES.

<u>MULLION</u> <u>SCHEDULE:</u> <u>END</u> <u>MULLIONS</u>	
---	---



SEE MILLION ATTACHMENTS AND MILLION
SCHEDULES ON THE FOLLOWING PAGES.



TYPICAL CONSECUTIVE SCREEN ELEVATION WITH MULLIONS

N.T.S.

EXTERIOR ELEV

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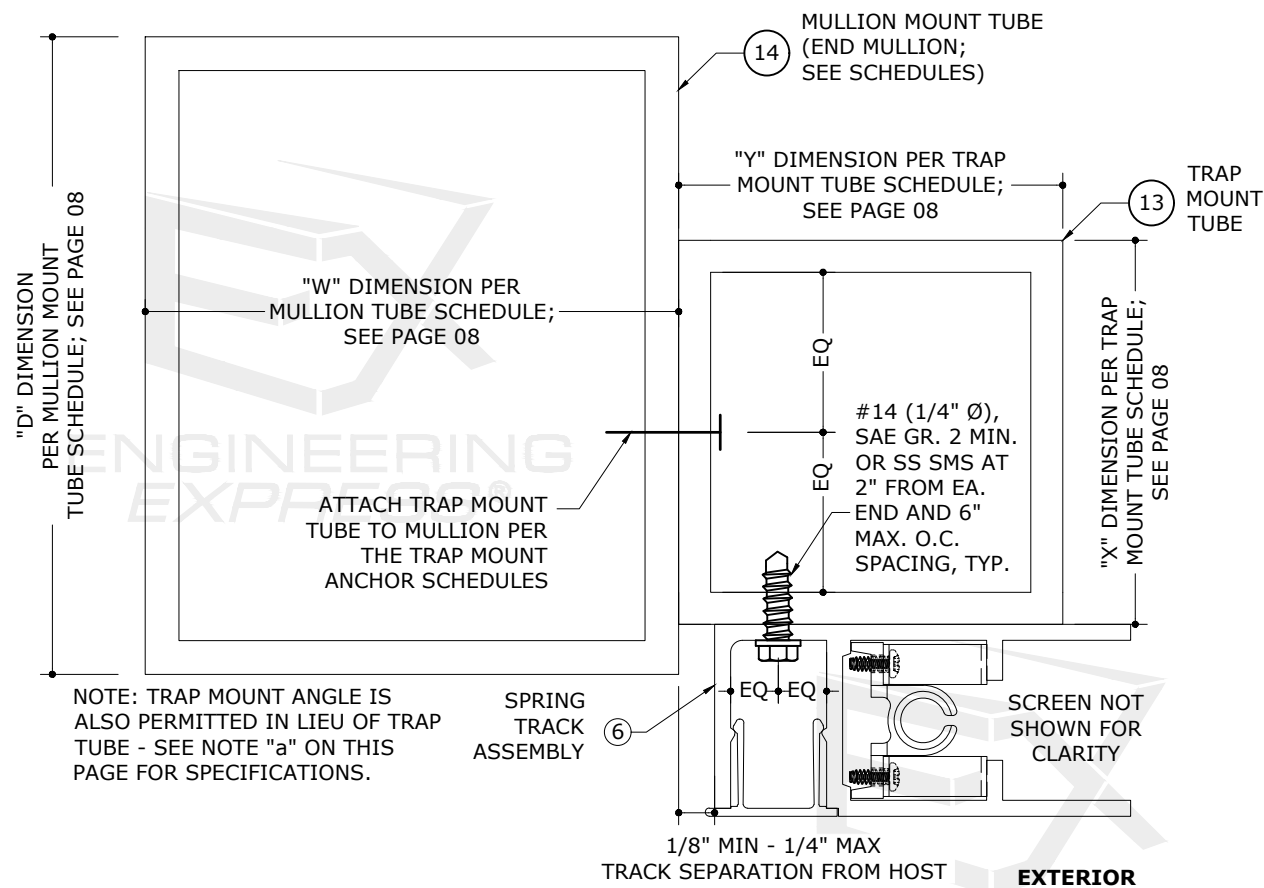
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-	-	-	-
-	-	-	-

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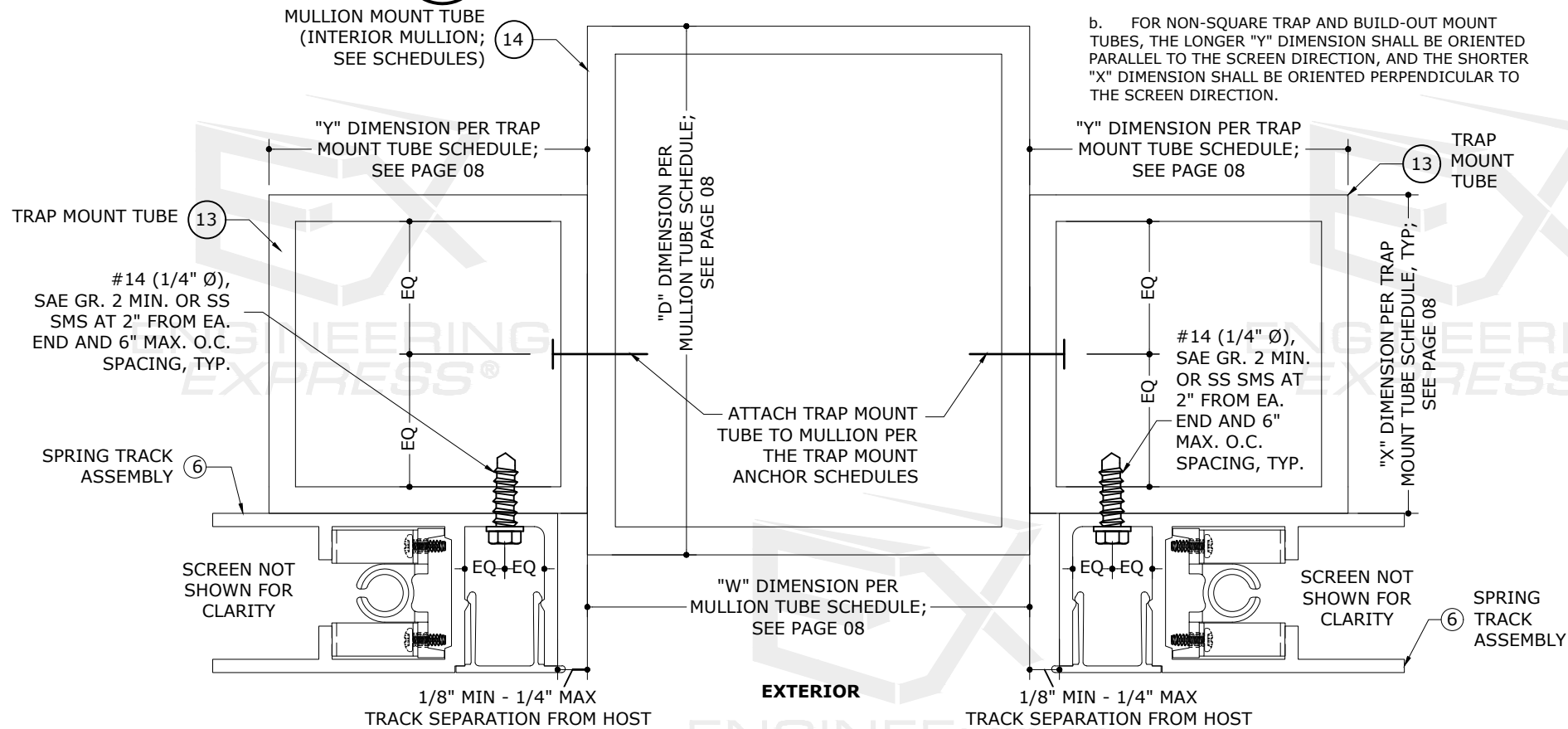
NOTE: NTS UNLESS NOTED

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1 TRAP MOUNT (END MULLION)
23 N.T.S. SECTION VIEW



2 TRAP MOUNT (INT. MULLION)
23 N.T.S. SECTION VIEW

SEE MULLION SCHEDULE NOTES ON PAGE 22

PAGE 8 TABLES
REPRODUCED FOR REFERENCE:
NOTE: BUILD-OUT MOUNT IS NOT PERMITTED FOR USE WITH MULLIONS



13 TRAP MOUNT TUBE, TYP.
NOT TO SCALE 6063-T6 ALUM.

* TRAP TUBE (COMPONENT # 13) PERMITTED TO BE:		
X	Y	t
1"	5"	1/4"
2"	2"	1/4"
2"	3"	1/4"
2"	4"	1/4"
2"	5"	1/4"
3"	3"	1/4"
3"	4"	1/4"
4"	4"	1/4"

14 MULLION TUBE, TYP.
NOT TO SCALE 6063-T6 ALUM.

MULLION TUBE (COMPONENT # 14) PER MULLION SCHEDULES:		
W	D	t
3"	3"	1/4"
4"	4"	3/16"
4"	4"	1/4"
4"	6"	1/4"

NOTE: FOR NON-SQUARE MULLION TUBES, THE SHORTER "W" DIMENSION SHALL BE ORIENTED PARALLEL TO THE SCREEN DIRECTION, AND THE LONGER "D" DIMENSION SHALL BE ORIENTED PERPENDICULAR TO THE SCREEN DIRECTION.

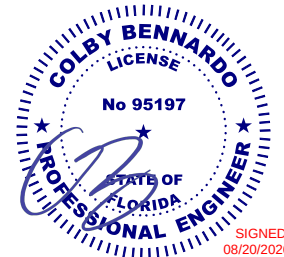
TRAP MOUNT TUBE NOTES:

a. *FOR TRAP MOUNT INSTALLATIONS, A 2"x2"x1/4" 6061-T6 ALUMINUM ANGLE IS ALSO PERMITTED TO BE USED IN LIEU OF THE TUBE SIZES SPECIFIED HEREIN, TYP.

b. FOR NON-SQUARE TRAP AND BUILD-OUT MOUNT TUBES, THE LONGER "Y" DIMENSION SHALL BE ORIENTED PARALLEL TO THE SCREEN DIRECTION, AND THE SHORTER "X" DIMENSION SHALL BE ORIENTED PERPENDICULAR TO THE SCREEN DIRECTION.

SEE TRAP MOUNT & MULLION SCHEDULES & DETAILS HEREIN FOR LIMITATIONS AND SPECIFICATIONS

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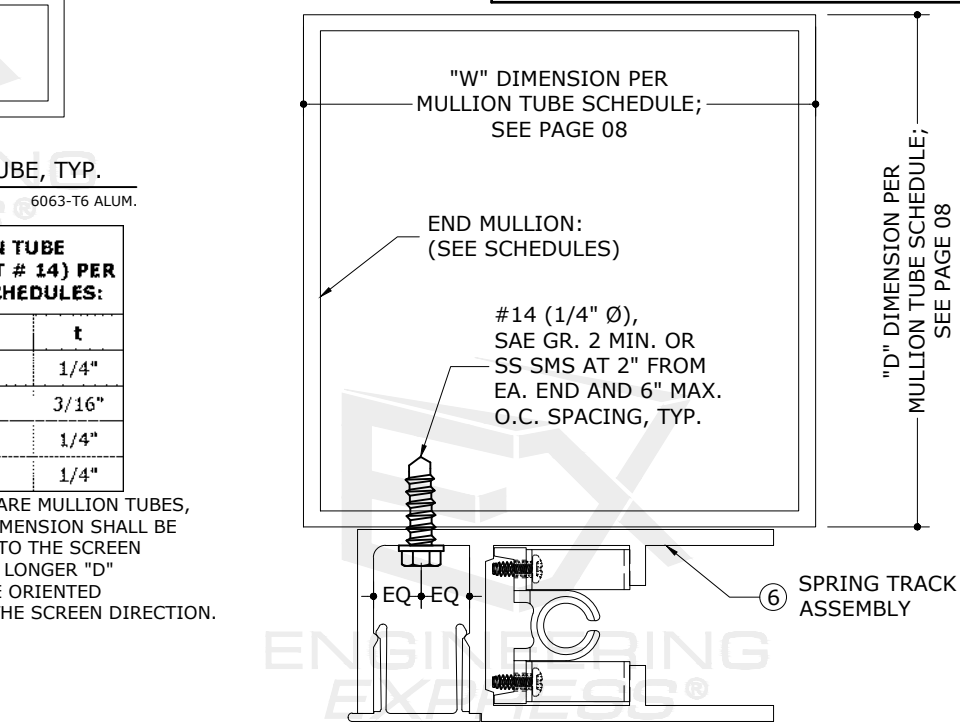
REMARKS	DRWN	CHKD	DATE
PREV. SUBMITTAL (22-55191)	EPR	RWN	10/12/23
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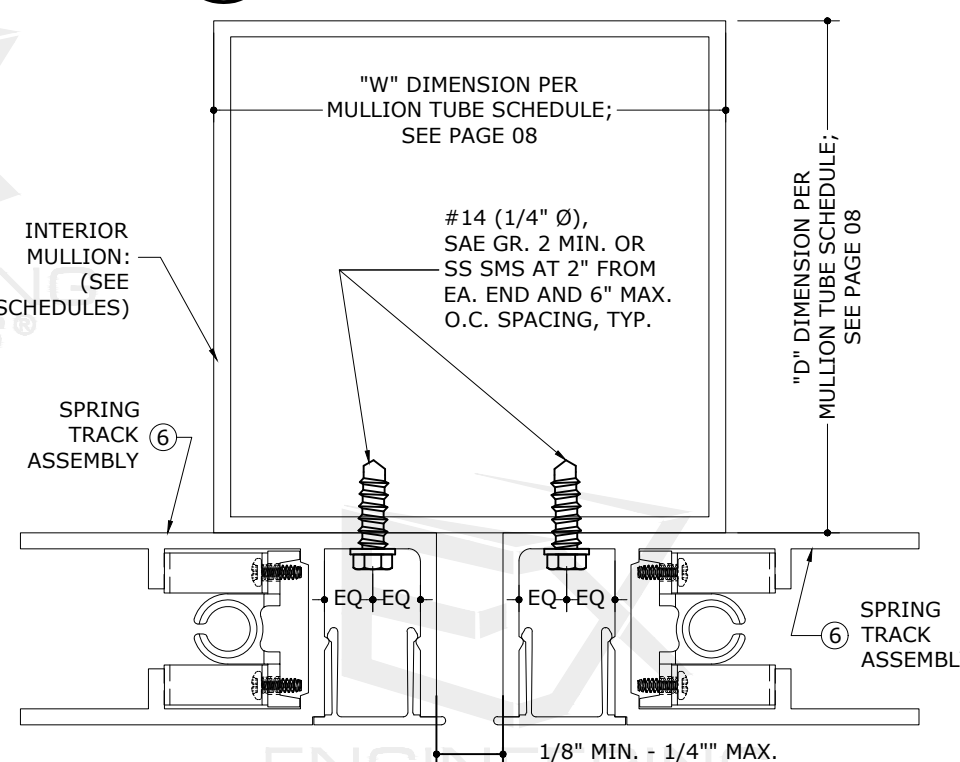
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OF 30



3 FACE MOUNT (END MULLION)
23 N.T.S. SECTION VIEW

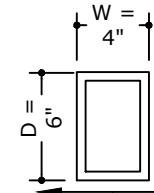
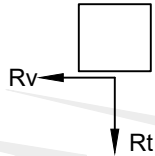


4 FACE MOUNT (INT. MULLION)
23 N.T.S. SECTION VIEW

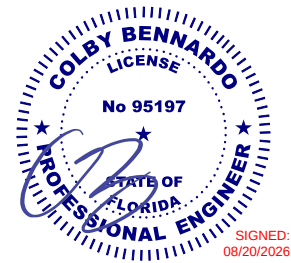
MULLION SCHEDULE END REACTIONS KEY:

SEE MULLION SCHEDULE NOTES ON PAGE 22

MULLION
SCHEDULE:
END
MULLIONS



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END MULLION SCHEDULE: PAGE (1) OF (2)

			3" x 3" x 1/4" 6061-T6 ALUM TUBE				4" x 4" x 3/16" 6061-T6 ALUM TUBE				4" x 4" x 1/4" 6061-T6 ALUM TUBE				4" x 6" x 1/4" 6061-T6 ALUM TUBE			
MAX. SCREEN SPAN	# OF BOT. ANGLES	MAX. DESIGN PRESSURE	MAX. MULLION LENGTH	END REACTION Rv	END REACTION Rt	END REACTION Rsum	MAX. MULLION LENGTH	END REACTION Rv	END REACTION Rt	END REACTION Rsum	MAX. MULLION LENGTH	END REACTION Rv	END REACTION Rt	END REACTION Rsum	MAX. MULLION LENGTH	END REACTION Rv	END REACTION Rt	END REACTION Rsum
72"	(0)	+/- 20 PSF	118"	543 LB	294 LB	618 LB	144"	664 LB	360 LB	755 LB	144"	664 LB	360 LB	755 LB	144"	664 LB	360 LB	755 LB
		+/- 30 PSF	103"	711 LB	386 LB	809 LB	129"	894 LB	485 LB	1017 LB	140"	969 LB	525 LB	1102 LB	144"	996 LB	540 LB	1133 LB
		+/- 40 PSF	93"	862 LB	467 LB	980 LB	118"	1084 LB	588 LB	1233 LB	127"	1174 LB	636 LB	1335 LB	142"	1313 LB	712 LB	1493 LB
		+/- 50 PSF	87"	1000 LB	542 LB	1138 LB	109"	1257 LB	682 LB	1430 LB	118"	1362 LB	739 LB	1549 LB	132"	1523 LB	826 LB	1733 LB
		+/- 60 PSF	82"	1129 LB	612 LB	1285 LB	103"	1420 LB	770 LB	1615 LB	111"	1538 LB	834 LB	1750 LB	124"	1720 LB	933 LB	1957 LB
		+/- 70 PSF	77"	1250 LB	678 LB	1422 LB	98"	1574 LB	853 LB	1790 LB	106"	1705 LB	924 LB	1939 LB	118"	1906 LB	1034 LB	2169 LB
		+/- 80 PSF	72"	1336 LB	725 LB	1520 LB	93"	1720 LB	933 LB	1957 LB	101"	1863 LB	1010 LB	2120 LB	113"	2084 LB	1130 LB	2371 LB
		+/- 90 PSF	68"	1417 LB	769 LB	1612 LB	90"	1861 LB	1009 LB	2116 LB	97"	2016 LB	1093 LB	2293 LB	109"	2254 LB	1222 LB	2564 LB
		+/- 100 PSF	65"	1494 LB	810 LB	1700 LB	87"	1996 LB	1082 LB	2270 LB	94"	2162 LB	1172 LB	2460 LB	105"	2418 LB	1311 LB	2751 LB
		+/- 110 PSF	62"	1567 LB	850 LB	1783 LB	83"	2109 LB	1144 LB	2400 LB	91"	2304 LB	1249 LB	2621 LB	102"	2577 LB	1397 LB	2931 LB
		+/- 120 PSF	59"	1637 LB	887 LB	1862 LB	80"	2203 LB	1195 LB	2506 LB	88"	2442 LB	1324 LB	2778 LB	99"	2731 LB	1481 LB	3106 LB
		+/- 130 PSF	57"	1704 LB	924 LB	1938 LB	77"	2293 LB	1243 LB	2609 LB	86"	2576 LB	1397 LB	2930 LB	96"	2880 LB	1562 LB	3277 LB
		+/- 140 PSF	55"	1768 LB	959 LB	2011 LB	74"	2380 LB	1290 LB	2707 LB	83"	2683 LB	1455 LB	3052 LB	94"	3026 LB	1641 LB	3443 LB
		+/- 150 PSF	53"	1830 LB	992 LB	2082 LB	71"	2463 LB	1336 LB	2802 LB	80"	2778 LB	1506 LB	3160 LB	92"	3169 LB	1718 LB	3605 LB
96"	(0)	+/- 20 PSF	125"	482 LB	417 LB	637 LB	144"	555 LB	480 LB	734 LB	144"	555 LB	480 LB	734 LB	144"	555 LB	480 LB	734 LB
		+/- 30 PSF	109"	632 LB	546 LB	835 LB	137"	794 LB	686 LB	1049 LB	144"	833 LB	720 LB	1101 LB	144"	833 LB	720 LB	1101 LB
		+/- 40 PSF	99"	765 LB	661 LB	1011 LB	125"	962 LB	832 LB	1271 LB	135"	1042 LB	901 LB	1377 LB	144"	1110 LB	960 LB	1468 LB
		+/- 50 PSF	92"	888 LB	768 LB	1174 LB	116"	1116 LB	965 LB	1475 LB	125"	1209 LB	1045 LB	1598 LB	140"	1352 LB	1169 LB	1787 LB
	(0)	+/- 60 PSF	74"	1288 LB	739 LB	1485 LB	95"	1656 LB	951 LB	1909 LB	103"	1794 LB	1030 LB	2068 LB	115"	2006 LB	1152 LB	2313 LB
		+/- 70 PSF	68"	1391 LB	799 LB	1604 LB	90"	1835 LB	1053 LB	2116 LB	98"	1988 LB	1141 LB	2292 LB	109"	2223 LB	1276 LB	2563 LB
		+/- 80 PSF	64"	1487 LB	854 LB	1715 LB	86"	1998 LB	1147 LB	2304 LB	94"	2173 LB	1248 LB	2505 LB	105"	2430 LB	1395 LB	2802 LB
		+/- 90 PSF	60"	1577 LB	906 LB	1819 LB	81"	2119 LB	1217 LB	2444 LB	90"	2350 LB	1349 LB	2710 LB	101"	2628 LB	1509 LB	3031 LB
		+/- 100 PSF	57"	1662 LB	955 LB	1917 LB	77"	2234 LB	1283 LB	2576 LB	87"	2519 LB	1446 LB	2905 LB	97"	2820 LB	1619 LB	3251 LB
		+/- 110 PSF	55"	1744 LB	1001 LB	2011 LB	73"	2343 LB	1345 LB	2702 LB	83"	2642 LB	1517 LB	3046 LB	94"	3005 LB	1725 LB	3465 LB
		+/- 120 PSF	52"	1821 LB	1046 LB	2100 LB	70"	2447 LB	1405 LB	2822 LB	79"	2759 LB	1584 LB	3182 LB	91"	3184 LB	1828 LB	3672 LB
		+/- 125 PSF	51"	1859 LB	1067 LB	2143 LB	69"	2498 LB	1434 LB	2880 LB	78"	2816 LB	1617 LB	3247 LB	90"	3272 LB	1879 LB	3773 LB
	(1)	+/- 129 PSF	47"	2106 LB	1020 LB	2340 LB	64"	2845 LB	1378 LB	3161 LB	72"	3208 LB	1554 LB	3564 LB	84"	3743 LB	1813 LB	4159 LB
		+/- 20 PSF	102"	719 LB	426 LB	836 LB	129"	904 LB	536 LB	1051 LB	139"	979 LB	581 LB	1138 LB	144"	1011 LB	600 LB	1176 LB
120"	(0)	+/- 30 PSF	89"	942 LB	559 LB	1095 LB	112"	1184 LB	703 LB	1377 LB	122"	1283 LB	761 LB	1492 LB	136"	1435 LB	851 LB	1668 LB
		+/- 40 PSF	81"	1141 LB	677 LB	1327 LB	102"	1434 LB	851 LB	1668 LB	111"	1554 LB	922 LB	1807 LB	124"	1738 LB	1031 LB	2021 LB
		+/- 50 PSF	73"	1286 LB	763 LB	1496 LB	95"	1664 LB	988 LB	1935 LB	103"	1803 LB	1070 LB	2097 LB	115"	2017 LB	1197 LB	2345 LB
		+/- 60 PSF	67"	1409 LB	836 LB	1639 LB	89"	1880 LB	1115 LB	2186 LB	97"	2036 LB	1208 LB	2368 LB	108"	2277 LB	1351 LB	2648 LB
		+/- 70 PSF	62"	1522 LB	903 LB	1770 LB	83"	2043 LB	1212 LB	2376 LB	92"	2257 LB	1339 LB	2624 LB	103"	2524 LB	1497 LB	2935 LB
		+/- 80 PSF	58"	1627 LB	965 LB	1892 LB	78"	2184 LB	1296 LB	2540 LB	88"	2463 LB	1461 LB	2864 LB	98"	2759 LB	1637 LB	3208 LB
		+/- 90 PSF	55"	1726 LB	1024 LB	2007 LB	73"	2317 LB	1375 LB	2694 LB	83"	2612 LB	1550 LB	3038 LB	94"	2984 LB	1771 LB	3470 LB
		+/- 100 PSF	52"	1819 LB	1079 LB	2115 LB	70"	2442 LB	1449 LB	2840 LB	78"	2754 LB	1634 LB	3202 LB	91"	3201 LB	1899 LB	3722 LB
120"	(1)	+/- 108 PSF	45"	2258 LB	1015 LB	2475 LB	61"	3056 LB	1374 LB	3351 LB	69"	3446 LB	1550 LB	3779 LB	81"	4054 LB	1823 LB	4445 LB

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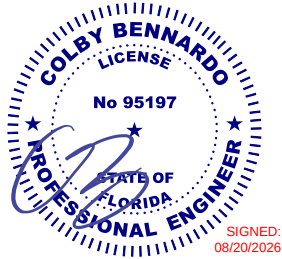
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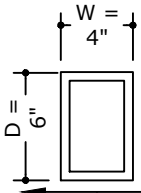
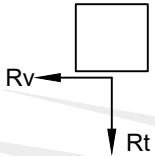
MULLION SCHEDULE END REACTIONS KEY:

COLBY BENNARD, P.E.
PE# 95197 CA# 9885



SEE MULLION SCHEDULE NOTES ON PAGE 22

MULLION
SCHEDULE:
END
MULLIONS



SCREEN DIRECTION

END MULLION SCHEDULE: PAGE (2) OF (2)

MAX. SCREEN SPAN	# OF BOT. ANGLES	MAX. DESIGN PRESSURE	3" x 3" x 1/4" 6061-T6 ALUM TUBE				4" x 4" x 3/16" 6061-T6 ALUM TUBE				4" x 4" x 1/4" 6061-T6 ALUM TUBE				4" x 6" x 1/4" 6061-T6 ALUM TUBE			
			MAX. MULLION LENGTH	END REACTION Rv	END REACTION Rt	END REACTION Rsum	MAX. MULLION LENGTH	END REACTION Rv	END REACTION Rt	END REACTION Rsum	MAX. MULLION LENGTH	END REACTION Rv	END REACTION Rt	END REACTION Rsum	MAX. MULLION LENGTH	END REACTION Rv	END REACTION Rt	END REACTION Rsum
144"	(0)	+/- 20 PSF	102"	725 LB	510 LB	886 LB	128"	911 LB	641 LB	1114 LB	139"	987 LB	694 LB	1207 LB	144"	1024 LB	720 LB	1252 LB
		+/- 30 PSF	89"	950 LB	668 LB	1161 LB	112"	1194 LB	839 LB	1460 LB	121"	1294 LB	909 LB	1581 LB	136"	1447 LB	1017 LB	1769 LB
		+/- 38 PSF	81"	1098 LB	772 LB	1342 LB	103"	1398 LB	983 LB	1709 LB	112"	1515 LB	1065 LB	1851 LB	125"	1694 LB	1191 LB	2070 LB
144"	(0)	+/- 50 PSF	67"	1390 LB	842 LB	1625 LB	90"	1853 LB	1123 LB	2167 LB	97"	2007 LB	1217 LB	2347 LB	109"	2245 LB	1361 LB	2625 LB
		+/- 60 PSF	62"	1522 LB	923 LB	1780 LB	83"	2042 LB	1238 LB	2388 LB	92"	2267 LB	1374 LB	2651 LB	102"	2535 LB	1537 LB	2965 LB
		+/- 70 PSF	57"	1644 LB	997 LB	1923 LB	76"	2206 LB	1337 LB	2579 LB	86"	2487 LB	1507 LB	2908 LB	97"	2810 LB	1703 LB	3286 LB
		+/- 76 PSF	55"	1713 LB	1038 LB	2003 LB	73"	2298 LB	1393 LB	2687 LB	83"	2591 LB	1571 LB	3030 LB	95"	2968 LB	1799 LB	3471 LB
144"	(1)	+/- 87 PSF	45"	2294 LB	978 LB	2494 LB	61"	3110 LB	1327 LB	3381 LB	69"	3507 LB	1496 LB	3813 LB	81"	4105 LB	1751 LB	4463 LB
168"	(0)	+/- 20 PSF	93"	878 LB	540 LB	1031 LB	116"	1104 LB	679 LB	1296 LB	126"	1196 LB	736 LB	1404 LB	141"	1337 LB	823 LB	1570 LB
		+/- 30 PSF	81"	1151 LB	708 LB	1351 LB	102"	1446 LB	890 LB	1698 LB	110"	1567 LB	964 LB	1840 LB	123"	1752 LB	1078 LB	2058 LB
		+/- 40 PSF	70"	1329 LB	818 LB	1561 LB	92"	1752 LB	1078 LB	2057 LB	100"	1898 LB	1168 LB	2229 LB	112"	2123 LB	1306 LB	2493 LB
		+/- 51 PSF	62"	1501 LB	924 LB	1762 LB	83"	2013 LB	1238 LB	2363 LB	92"	2232 LB	1373 LB	2621 LB	103"	2496 LB	1536 LB	2931 LB
168"	(2)	+/- 60 PSF	49"	2109 LB	865 LB	2279 LB	67"	2862 LB	1174 LB	3093 LB	76"	3227 LB	1323 LB	3488 LB	85"	3646 LB	1495 LB	3941 LB
		+/- 66 PSF	47"	2212 LB	907 LB	2390 LB	64"	3002 LB	1231 LB	3244 LB	72"	3385 LB	1388 LB	3658 LB	83"	3885 LB	1593 LB	4199 LB
192"	(0)	+/- 20 PSF	89"	953 LB	593 LB	1122 LB	112"	1198 LB	745 LB	1411 LB	121"	1298 LB	807 LB	1528 LB	135"	1451 LB	903 LB	1709 LB
		+/- 27 PSF	80"	1159 LB	721 LB	1365 LB	101"	1463 LB	910 LB	1723 LB	110"	1585 LB	986 LB	1867 LB	123"	1773 LB	1103 LB	2088 LB
192"	(2)	+/- 30 PSF	65"	1624 LB	646 LB	1748 LB	84"	2115 LB	841 LB	2276 LB	91"	2291 LB	911 LB	2466 LB	102"	2563 LB	1019 LB	2758 LB
		+/- 40 PSF	56"	1876 LB	746 LB	2019 LB	76"	2548 LB	1013 LB	2742 LB	83"	2776 LB	1104 LB	2987 LB	93"	3105 LB	1234 LB	3341 LB
		+/- 45 PSF	53"	1990 LB	791 LB	2141 LB	72"	2703 LB	1075 LB	2909 LB	80"	3003 LB	1194 LB	3231 LB	89"	3358 LB	1335 LB	3614 LB
204"	(1)	+/- 20 PSF	76"	1312 LB	537 LB	1418 LB	95"	1650 LB	675 LB	1782 LB	103"	1787 LB	731 LB	1931 LB	115"	1999 LB	817 LB	2160 LB
		+/- 25 PSF	69"	1503 LB	614 LB	1623 LB	88"	1915 LB	783 LB	2068 LB	96"	2074 LB	848 LB	2241 LB	107"	2320 LB	948 LB	2506 LB
216"	(2)	+/- 20 PSF	73"	1412 LB	548 LB	1514 LB	92"	1775 LB	689 LB	1904 LB	99"	1923 LB	746 LB	2062 LB	111"	2150 LB	834 LB	2307 LB
		+/- 25 PSF	66"	1597 LB	619 LB	1713 LB	85"	2060 LB	799 LB	2209 LB	92"	2231 LB	866 LB	2393 LB	103"	2495 LB	968 LB	2677 LB
240"	(3)	+/- 20 PSF	70"	1521 LB	580 LB	1628 LB	88"	1926 LB	735 LB	2061 LB	95"	2086 LB	796 LB	2233 LB	107"	2333 LB	890 LB	2497 LB
		+/- 22 PSF	66"	1595 LB	609 LB	1707 LB	85"	2052 LB	783 LB	2196 LB	93"	2223 LB	848 LB	2379 LB	103"	2486 LB	948 LB	2661 LB
264"	(3)	+/- 20 PSF	66"	1609 LB	605 LB	1719 LB	85"	2071 LB	779 LB	2213 LB	92"	2244 LB	844 LB	2397 LB	103"	2510 LB	944 LB	2681 LB
		+/- 22 PSF	63"	1688 LB	635 LB	1803 LB	82"	2207 LB	830 LB	2358 LB	89"	2391 LB	899 LB	2555 LB	100"	2674 LB	1006 LB	2857 LB
288"	(3)	+/- 20 PSF	63"	1693 LB	629 LB	1806 LB	82"	2213 LB	822 LB	2360 LB	89"	2397 LB	891 LB	2557 LB	100"	2681 LB	996 LB	2860 LB
		+/- 22 PSF	60"	1776 LB	660 LB	1894 LB	80"	2358 LB	876 LB	2515 LB	86"	2554 LB	949 LB	2725 LB	97"	2856 LB	1062 LB	3047 LB
312"	(4)	+/- 20 PSF	60"	1773 LB	652 LB	1889 LB	80"	2350 LB	864 LB	2504 LB	86"	2545 LB	936 LB	2712 LB	97"	2847 LB	1047 LB	3033 LB
336"	(4)	+/- 20 PSF	57"	1894 LB	664 LB	2007 LB	77"	2549 LB	894 LB	2701 LB	83"	2761 LB	968 LB	2926 LB	93"	3088 LB	1083 LB	3272 LB
360"	(4)	+/- 20 PSF	56"	1924 LB	696 LB	2046 LB	76"	2613 LB	946 LB	2779 LB	82"	2831 LB	1025 LB	3011 LB	92"	3166 LB	1146 LB	3367 LB

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SUNPRO MOTORIZED AWNINGS & SCREENS

2041 58TH AVE CIRCLE E
BRADENTON, FL 34203
(941) 739-3870

SA TRACK HURRICANE SCREEN
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA)

REMARKS	DRWN	CHKD	DATE
PREV. SUBMITTAL (22-55191)	EPR	RWN	10/12/23
REV. FOR NEW TESTING	EPR	RWN	02/14/25
2026 FBC UPDATE	CJB	CCB	7/14/26

26-99448

SCALE: NTS UNLESS NOTED

26

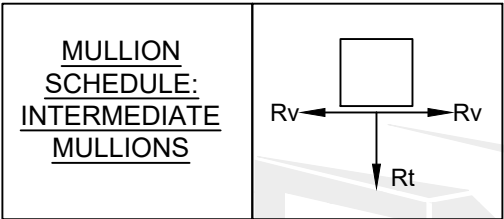
			3" x 3" x 1/4"		4" x 4" x 3/16"		4" x 4" x 1/4"		4" x 6" x 1/4"	
			6061-T6 ALUM TUBE		6061-T6 ALUM TUBE		6061-T6 ALUM TUBE		6061-T6 ALUM TUBE	
MAX. SCREEN SPAN	# OF BOT. ANGLES	MAX. DESIGN PRESSURE	MAX. MULLION LENGTH	END REACTION Rt	MAX. MULLION LENGTH	END REACTION Rt	MAX. MULLION LENGTH	END REACTION Rt	MAX. MULLION LENGTH	END REACTION Rt
72"	(0)	+/- 20 PSF	115"	573 LB	144"	720 LB	144"	720 LB	144"	720 LB
		+/- 30 PSF	100"	751 LB	126"	944 LB	136"	1023 LB	144"	1080 LB
		+/- 40 PSF	91"	910 LB	114"	1144 LB	124"	1239 LB	144"	1440 LB
		+/- 50 PSF	84"	1056 LB	106"	1327 LB	115"	1438 LB	144"	1800 LB
		+/- 60 PSF	79"	1192 LB	100"	1499 LB	108"	1624 LB	144"	2160 LB
		+/- 70 PSF	75"	1321 LB	95"	1661 LB	103"	1799 LB	142"	2493 LB
		+/- 80 PSF	72"	1444 LB	91"	1816 LB	98"	1967 LB	136"	2725 LB
		+/- 90 PSF	69"	1562 LB	87"	1964 LB	95"	2128 LB	131"	2947 LB
		+/- 100 PSF	67"	1676 LB	84"	2107 LB	91"	2282 LB	126"	3162 LB
		+/- 110 PSF	65"	1786 LB	82"	2245 LB	88"	2432 LB	123"	3369 LB
		+/- 120 PSF	63"	1892 LB	79"	2379 LB	86"	2577 LB	119"	3571 LB
		+/- 130 PSF	61"	1996 LB	77"	2509 LB	84"	2719 LB	116"	3766 LB
		+/- 140 PSF	60"	2097 LB	75"	2637 LB	82"	2856 LB	113"	3957 LB
		+/- 150 PSF	59"	2196 LB	74"	2761 LB	80"	2991 LB	110"	4143 LB
96"	(0)	+/- 20 PSF	104"	694 LB	131"	873 LB	142"	946 LB	144"	960 LB
		+/- 30 PSF	91"	910 LB	114"	1144 LB	124"	1239 LB	144"	1440 LB
		+/- 40 PSF	83"	1102 LB	104"	1386 LB	113"	1501 LB	144"	1920 LB
		+/- 50 PSF	77"	1279 LB	96"	1608 LB	105"	1742 LB	144"	2400 LB
	(0)	+/- 60 PSF	72"	1444 LB	91"	1816 LB	98"	1967 LB	136"	2725 LB
		+/- 70 PSF	69"	1600 LB	86"	2012 LB	93"	2180 LB	129"	3020 LB
		+/- 80 PSF	66"	1749 LB	82"	2199 LB	89"	2383 LB	124"	3301 LB
		+/- 90 PSF	63"	1892 LB	79"	2379 LB	86"	2577 LB	119"	3571 LB
		+/- 100 PSF	61"	2030 LB	77"	2552 LB	83"	2765 LB	115"	3830 LB
		+/- 110 PSF	59"	2163 LB	74"	2720 LB	80"	2946 LB	111"	4082 LB
		+/- 120 PSF	57"	2292 LB	72"	2882 LB	78"	3122 LB	108"	4325 LB
		+/- 125 PSF	57"	2356 LB	71"	2962 LB	77"	3208 LB	107"	4445 LB
		96"	(1)	+/- 129 PSF	56"	2406 LB	70"	3024 LB	76"	3276 LB
120"	(0)	+/- 20 PSF	97"	806 LB	122"	1013 LB	132"	1097 LB	144"	1200 LB
		+/- 30 PSF	84"	1056 LB	106"	1327 LB	115"	1438 LB	144"	1800 LB
		+/- 40 PSF	77"	1279 LB	96"	1608 LB	105"	1742 LB	144"	2400 LB
		+/- 50 PSF	71"	1484 LB	90"	1866 LB	97"	2021 LB	134"	2800 LB
		+/- 60 PSF	67"	1676 LB	84"	2107 LB	91"	2282 LB	126"	3162 LB
		+/- 70 PSF	64"	1857 LB	80"	2335 LB	87"	2529 LB	120"	3504 LB
		+/- 80 PSF	61"	2030 LB	77"	2552 LB	83"	2765 LB	115"	3830 LB
		+/- 90 PSF	59"	2196 LB	74"	2761 LB	80"	2991 LB	110"	4143 LB
		+/- 100 PSF	57"	2356 LB	71"	2962 LB	77"	3208 LB	107"	4445 LB
120"	(1)	+/- 108 PSF	55"	2480 LB	69"	3117 LB	75"	3377 LB	104"	4679 LB

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INTERIOR MULLION SCHEDULE: PAGE (2) OF (2)

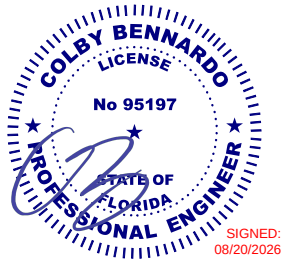
SEE MULLION SCHEDULE NOTES ON PAGE 22

MULLION SCHEDULE END REACTIONS KEY:

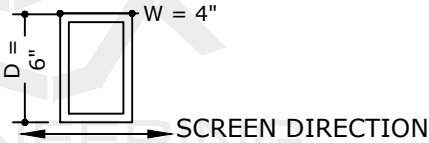


NOTE: Rv END REACTIONS FOR INTERMEDIATE MULLIONS ARE CONSIDERED TO ACT IN EQUAL AND OPPOSITE DIRECTIONS, RESULTING IN A ZERO NET Rv REACTION ON THE INTERMEDIATE MULLION.

COLBY BENNARD, P.E.
PE# 95197 CA# 9885



MAX. SCREEN SPAN	# OF BOT. ANGLES	MAX. DESIGN PRESSURE	3" x 3" x 1/4"		4" x 4" x 3/16"		4" x 4" x 1/4"		4" x 6" x 1/4"	
			MAX. MULLION LENGTH	END REACTION Rt	MAX. MULLION LENGTH	END REACTION Rt	MAX. MULLION LENGTH	END REACTION Rt	MAX. MULLION LENGTH	END REACTION Rt
144"	(0)	+/- 20 PSF	91"	910 LB	114"	1144 LB	124"	1239 LB	144"	1440 LB
		+/- 30 PSF	79"	1192 LB	100"	1499 LB	108"	1624 LB	144"	2160 LB
		+/- 38 PSF	73"	1396 LB	92"	1755 LB	100"	1901 LB	139"	2633 LB
144"	(0)	+/- 50 PSF	67"	1676 LB	84"	2107 LB	91"	2282 LB	126"	3162 LB
		+/- 60 PSF	63"	1892 LB	79"	2379 LB	86"	2577 LB	119"	3571 LB
		+/- 70 PSF	60"	2097 LB	75"	2637 LB	82"	2856 LB	113"	3957 LB
144"	(1)	+/- 76 PSF	58"	2215 LB	73"	2785 LB	79"	3017 LB	110"	4180 LB
		+/- 87 PSF	56"	2424 LB	70"	3048 LB	76"	3302 LB	105"	4574 LB
		+/- 20 PSF	86"	1008 LB	109"	1268 LB	118"	1373 LB	144"	1680 LB
168"	(0)	+/- 30 PSF	75"	1321 LB	95"	1661 LB	103"	1799 LB	142"	2493 LB
		+/- 40 PSF	69"	1600 LB	86"	2012 LB	93"	2180 LB	129"	3020 LB
		+/- 51 PSF	63"	1882 LB	80"	2366 LB	86"	2563 LB	119"	3551 LB
168"	(2)	+/- 60 PSF	60"	2097 LB	75"	2637 LB	82"	2856 LB	113"	3957 LB
		+/- 66 PSF	58"	2235 LB	73"	2810 LB	79"	3044 LB	110"	4217 LB
		+/- 20 PSF	83"	1102 LB	104"	1386 LB	113"	1501 LB	144"	1920 LB
192"	(0)	+/- 27 PSF	75"	1346 LB	94"	1692 LB	102"	1833 LB	141"	2540 LB
		+/- 30 PSF	72"	1444 LB	91"	1816 LB	98"	1967 LB	136"	2725 LB
		+/- 40 PSF	66"	1749 LB	82"	2199 LB	89"	2383 LB	124"	3301 LB
192"	(2)	+/- 45 PSF	63"	1892 LB	79"	2379 LB	86"	2577 LB	119"	3571 LB
		+/- 20 PSF	81"	1148 LB	102"	1443 LB	110"	1563 LB	144"	2040 LB
		+/- 25 PSF	75"	1332 LB	95"	1674 LB	102"	1814 LB	142"	2513 LB
204"	(1)	+/- 20 PSF	79"	1192 LB	100"	1499 LB	108"	1624 LB	144"	2160 LB
		+/- 25 PSF	74"	1383 LB	93"	1739 LB	100"	1884 LB	139"	2610 LB
		+/- 20 PSF	77"	1279 LB	96"	1608 LB	105"	1742 LB	144"	2400 LB
240"	(3)	+/- 22 PSF	74"	1363 LB	93"	1713 LB	101"	1856 LB	140"	2571 LB
		+/- 20 PSF	74"	1363 LB	93"	1713 LB	101"	1856 LB	140"	2571 LB
		+/- 22 PSF	72"	1452 LB	91"	1826 LB	98"	1978 LB	136"	2740 LB
264"	(3)	+/- 20 PSF	72"	1444 LB	91"	1816 LB	98"	1967 LB	136"	2725 LB
		+/- 22 PSF	70"	1539 LB	88"	1935 LB	95"	2096 LB	132"	2904 LB
		+/- 20 PSF	70"	1523 LB	88"	1915 LB	96"	2075 LB	133"	2874 LB
312"	(4)	+/- 20 PSF	69"	1600 LB	86"	2012 LB	93"	2180 LB	129"	3020 LB
336"	(4)	+/- 20 PSF	69"	1600 LB	86"	2012 LB	93"	2180 LB	129"	3020 LB
360"	(4)	+/- 20 PSF	67"	1676 LB	84"	2107 LB	91"	2282 LB	126"	3162 LB



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(941) 739-3870

SA TRACK HURRICANE SCREEN
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA)

REMARKS	DRWN	CHKD	DATE
PREV. SUBMITTAL (22-55191) EPR	RWN		10/12/23
REV. FOR NEW TESTING EPR	RWN		02/14/25
2026 FBC UPDATE CJB	CCB		7/14/26

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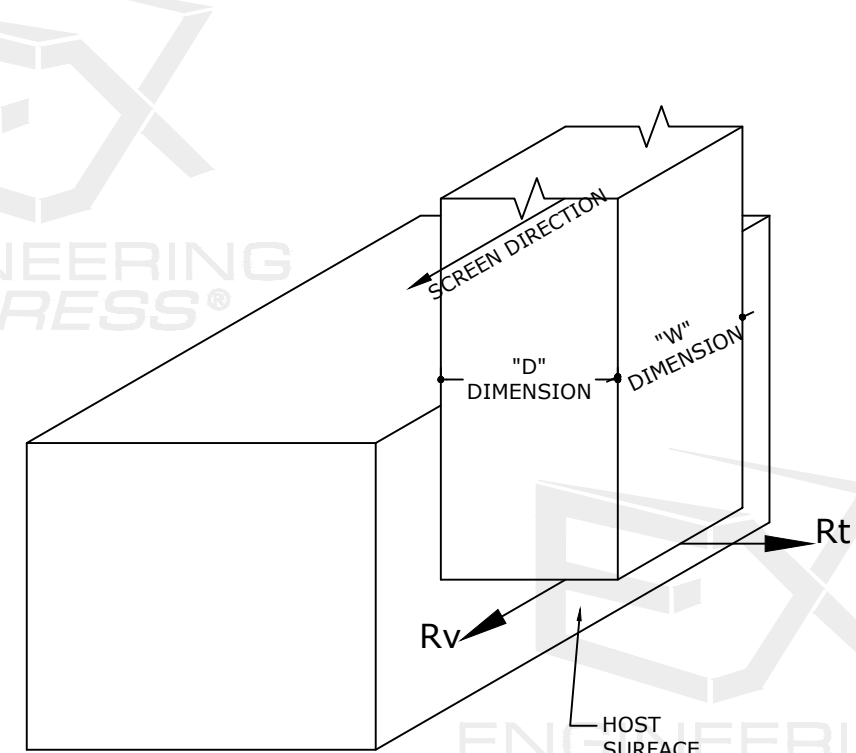
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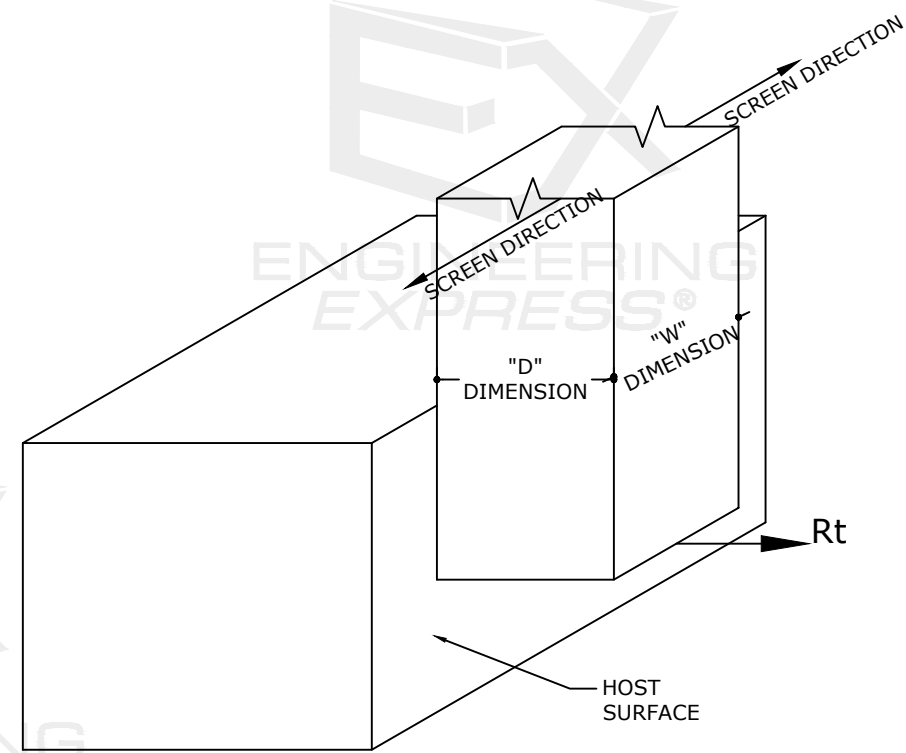
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OF 30

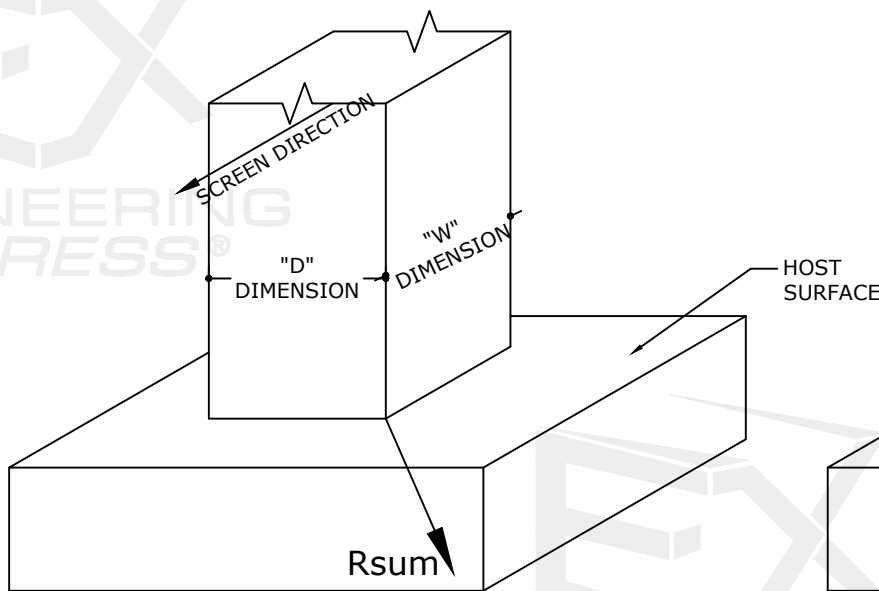
MULLION END ATTACHMENTS



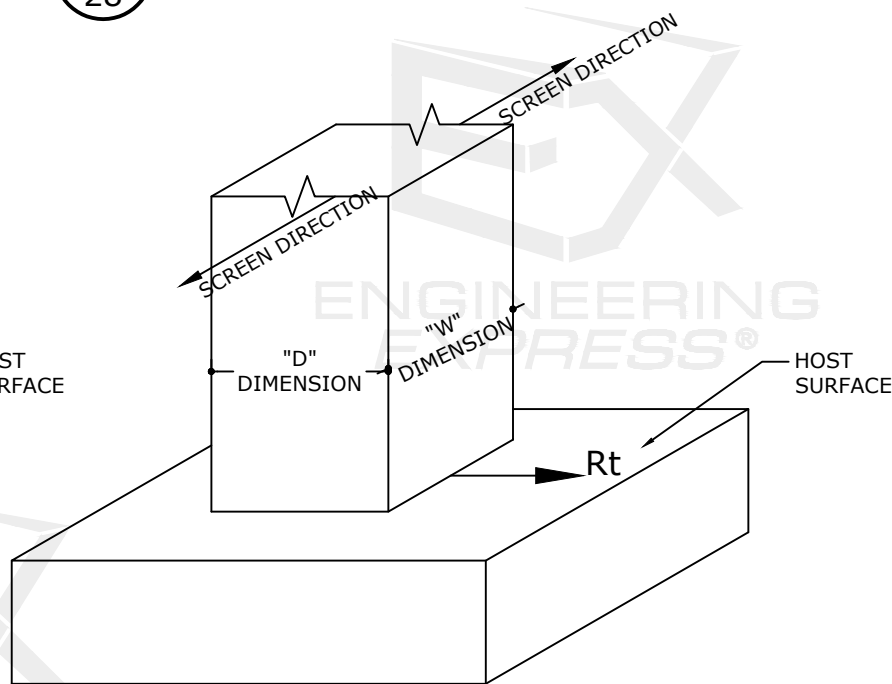
1
28
END MULLION "FACE MOUNT" DIAGRAM
N.T.S. ISOMETRIC



2
28
INTERIOR MULLION "FACE MOUNT" DIAGRAM
N.T.S. ISOMETRIC

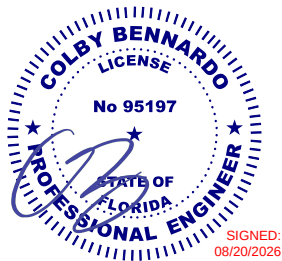


3
28
END MULLION "TRAPPED MOUNT" DIAGRAM
N.T.S. ISOMETRIC



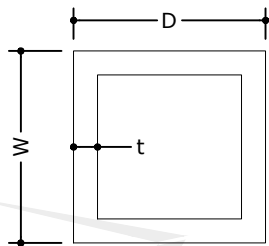
4
28
INTERIOR MULLION "TRAPPED MOUNT" DIAGRAM
N.T.S. ISOMETRIC

COLBY BENNARD, P.E.
PE# 95197 CA# 9885



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14
MULLION TUBE, TYP.
NOT TO SCALE 6063-T6 ALUM.

MULLION TUBE
(COMPONENT # 14) PER
MULLION SCHEDULES:

W	D	t
3"	3"	1/4"
4"	4"	3/16"
4"	4"	1/4"
4"	6"	1/4"

SEE MULLION SCHEDULES
& DETAILS HEREIN FOR
LIMITATIONS AND
SPECIFICATIONS

NOTE: FOR NON-SQUARE MULLION TUBES, THE SHORTER "W" DIMENSION SHALL BE ORIENTED PARALLEL TO THE SCREEN DIRECTION, AND THE LONGER "D" DIMENSION SHALL BE ORIENTED PERPENDICULAR TO THE SCREEN DIRECTION.

NOTE: "FACE MOUNT" MAY ALSO BE REFERRED TO AS "WALL MOUNT". BOTH PHRASES REFER TO THE SAME MOUNTING CONDITION.

NOTE: "TRAP MOUNT" OR "TRAPPED MOUNT" MAY ALSO BE REFERRED TO AS "INSIDE MOUNT". ALL PHRASES REFER TO THE SAME MOUNTING CONDITION.

SUNPRO MOTORIZED AWNINGS & SCREENS

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(941) 739-3870

SA TRACK HURRICANE SCREEN
FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA)

REMARKS	DRWN	CHKD	DATE
PREV. SUBMITTAL (22-55191) EPR	RWN		10/12/23
REV. FOR NEW TESTING EPR	RWN		02/14/25
2026 FBC UPDATE	CJB		7/14/26

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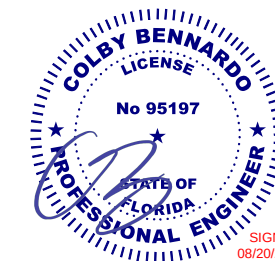
26-99448

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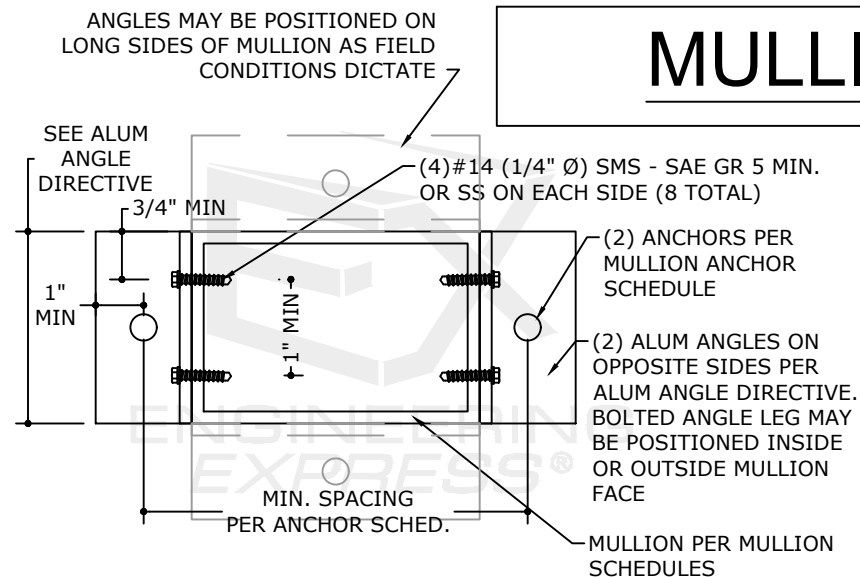
28

OF 30

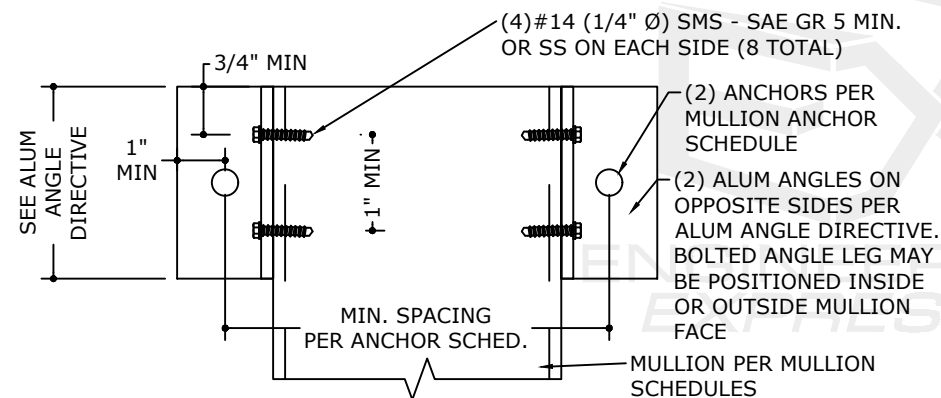
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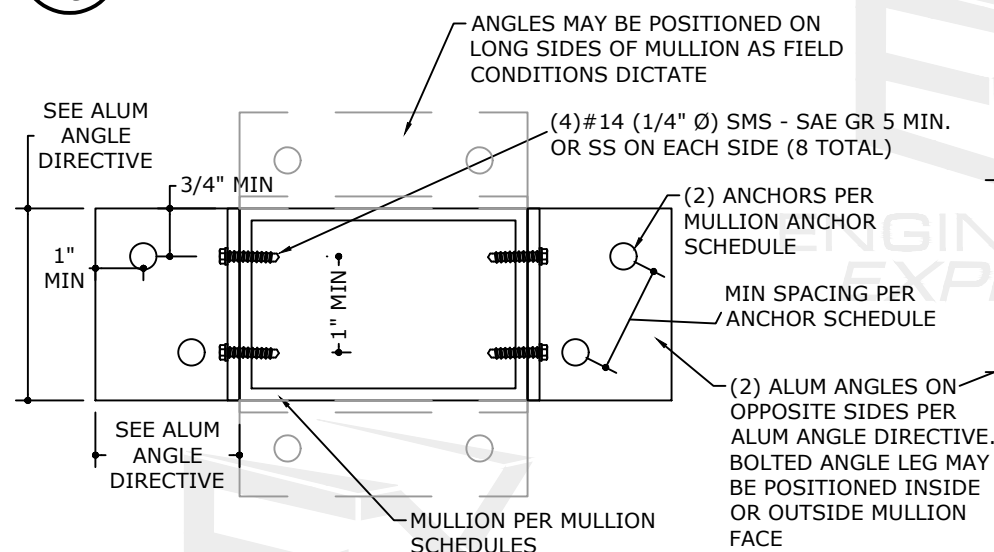
MULLION END ATTACHMENTS



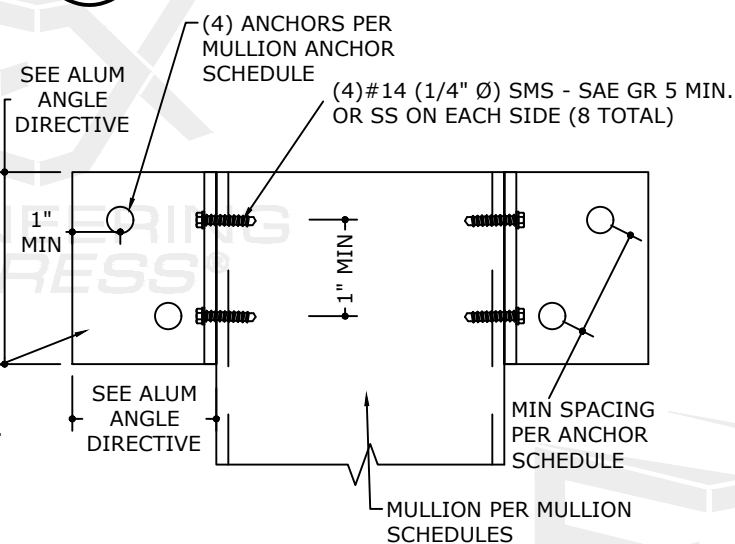
1A TRAPPED MOUNT OPTION 1
29 N.T.S.



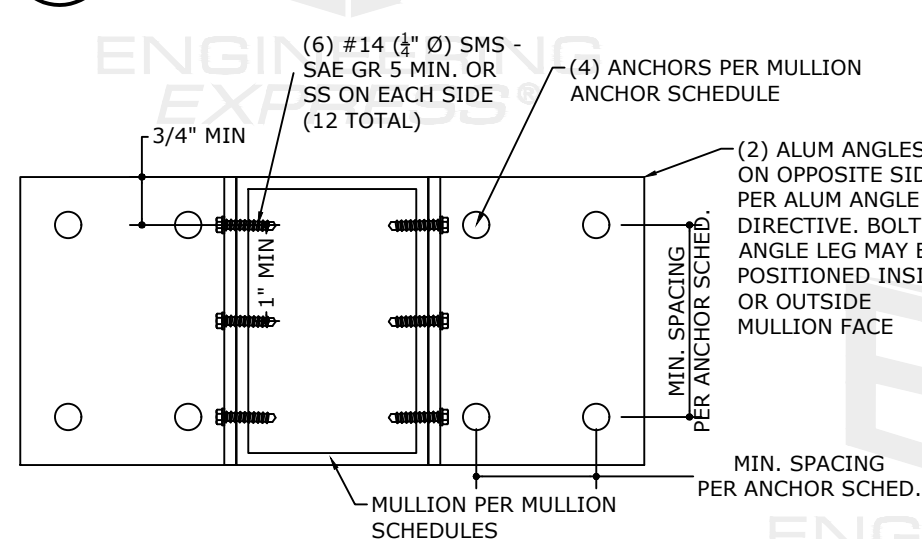
1B FACE MOUNT OPTION 1
29 N.T.S.



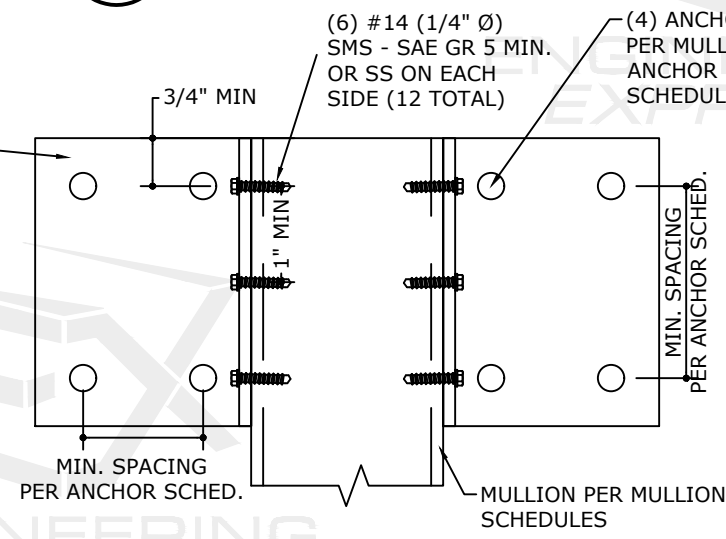
2A TRAPPED MOUNT OPTION 2
29 N.T.S.



2B FACE MOUNT OPTION 2
29 N.T.S.

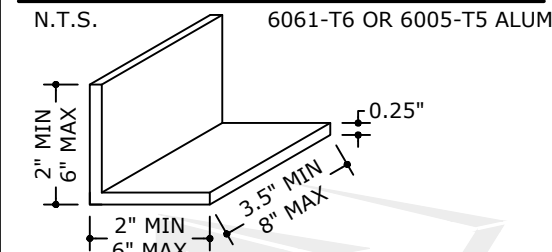


3A TRAPPED MOUNT OPTION 3
29 N.T.S.

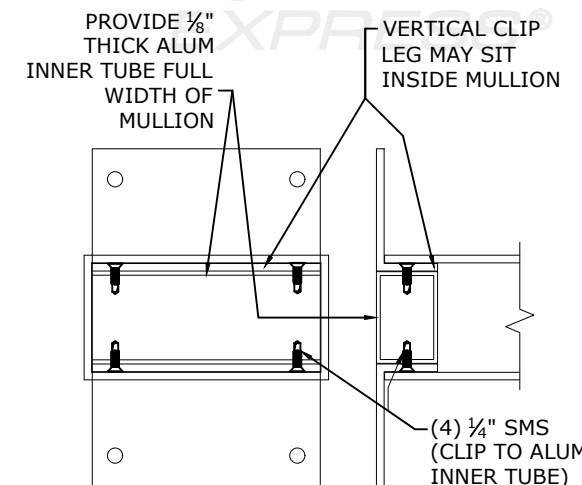


3B FACE MOUNT OPTION 3
29 N.T.S.

ALUM ANGLE DIRECTIVE



ANGLE DIMENSION NOTE: MINIMUM REQUIRED ANGLE LEG SIZES AND LENGTH SHALL BE DETERMINED BASED ON THE ANCHOR REQUIREMENTS IN THE MULLION ANCHOR SCHEDULE AND THE MULLION ATTACHMENT DETAILS HEREIN



4 ALT. TRAPPED MOUNT OPTION
29 N.T.S.

FL 42317.1

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FLORIDA BUILDING CODE NINTH EDITION (2026)
FLORIDA STATEWIDE APPROVAL (FSA)

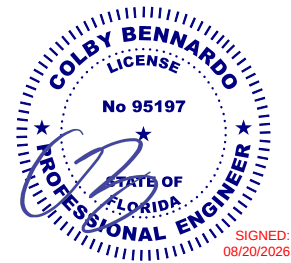
REMARKS	DRWN	CHKD	DATE
PREV. SUBMITTAL (22-55191)	EPR	RWN	10/12/23
REV. FOR NEW TESTING	EPR	RWN	02/14/25
2026 FBC UPDATE	CJB	CCB	7/14/26

26-99448

SCALE: NTS UNLESS NOTED

29 OF 30

COLBY BENNARDO, P.E.
PE# 95197 CA# 9885



ANCHOR TYPE	MINIMUM SPACING	MINIMUM EDGE DISTANCE	CONNECTION DETAIL	CONNECTION CAPACITY	
1/2" DEWALT SCREW BOLTS (OR EQUIV.) W/ 2-1/2" EMBED TO 3KSI MIN. CONCRETE	6"	4.5"	1A, 1B	Tcap	3660 LB
				Vcap	2249 LB
	4.0"	4.5"	2A, 2B	Tcap	6442 LB
				Vcap	4106 LB
	4.0"	4.5"	3A, 3B	Tcap	12883 LB
				Vcap	8213 LB
3/8" DEWALT SCREW BOLTS (OR EQUIV.) W/ 2" EMBED TO 3KSI MIN. CONCRETE	6.0"	2.5"	1A, 1B	Tcap	1905 LB
				Vcap	1007 LB
	3.0"	2.5"	2A, 2B	Tcap	3801 LB
				Vcap	1700 LB
	3.0"	2.5"	3A, 3B	Tcap	7622 LB
				Vcap	3399 LB
3/8" DEWALT SCREW BOLTS (OR EQUIV.) W/ 3-1/4" EMBED TO GROUT-FILLED CONCRETE BLOCK*	6.0"	4.5"	1A, 1B	Tcap	1953 LB
				Vcap	1233 LB
	3.0"	4.5"	2A, 2B	Tcap	3906 LB
				Vcap	2467 LB
	3.0"	4.5"	3A, 3B	Tcap	7812 LB
				Vcap	4934 LB
5/16" LAG SCREW W/ 2" MIN. THREAD PENETRATION TO G=0.42 MIN WOOD	2.0"	1.25"	1A, 1B	Tcap	1310 LB
				Vcap	302 LB
	2.0"	1.25"	2A, 2B	Tcap	2620 LB
				Vcap	604 LB
	2.0"	1.25"	3A, 3B	Tcap	3930 LB
				Vcap	906 LB
5/16" DEWALT ULTRA CON (OR EQUIV.) W/ 2" EMBED TO 3.5KSI MIN CONCRETE	5.0"	3.125"	1A, 1B	Tcap	1670 LB
				Vcap	1700 LB
	3.75"	3.125"	2A, 2B	Tcap	1820 LB
				Vcap	2840 LB
	3.75"	3.125"	3A, 3B	Tcap	3640 LB
				Vcap	5680 LB
5/16" DEWALT ULTRA CON (OR EQUIV.) W/ 2-1/4" EMBED TO GROUT-FILLED CONCRETE BLOCK	5.0"	2.5"	1A, 1B	Tcap	580 LB
				Vcap	750 LB
	5.0"	2.5"	2A, 2B	Tcap	1160 LB
				Vcap	1500 LB
	5.0"	2.5"	3A, 3B	Tcap	2320 LB
				Vcap	3000 LB

1. FOR "TRAPPED MOUNT" CONDITIONS WITH END MULLIONS, 'Rsum' VALUES IN MULLION SCHEDULE SHALL NOT EXCEED MAX 'Vcap' VALUES NOTED IN THIS SCHEDULE.
2. FOR "FACE MOUNT" CONDITIONS WITH END MULLIONS, **$R_v/V_{cap} + R_t/T_{cap}$ SHALL BE LESS THAN OR EQUAL TO 1.0**, WHERE 'Rv' AND 'Rt' ARE PER MULLION SCHEDULES, AND 'Tcap' AND 'Vcap' ARE PER THIS SCHEDULE.
3. FOR "TRAPPED MOUNT" CONDITIONS WITH INTERMEDIATE MULLIONS, 'Rt' VALUES IN MULLION SCHEDULES SHALL NOT EXCEED 'Vcap' VALUES NOTED IN THIS SCHEDULE.
4. FOR "FACE MOUNT" CONDITIONS WITH INTERMEDIATE MULLIONS, 'Rt' VALUES IN MULLION SCHEDULES SHALL NOT EXCEED 'Tcap' VALUES NOTED IN THIS SCHEDULE.

5. * ANCHORS SHALL PENETRATE THROUGH FACE SHELL INTO GROUTED CELL.
6. ALTERNATE ANCHORS AND OR END CONNECTION CONFIGURATIONS MAY BE DESIGNED/CERTIFIED ON A SITE SPECIFIC BASIS BASED ON THE END LOADINGS LISTED IN THE MULLION SCHEDULES.
7. 1/2" Ø UNC THRU BOLTS MAY BE USED IN LEIU OF #14 (1/4" Ø) SMS PER THE FOLLOWING DIRECTIVE:
 - 7.1. (4) SMS PER SIDE = (2) 1/2" Ø UNC THRU BOLTS,
(6) SMS PER SIDE = (3) 1/2" Ø UNC THRU BOLTS.
PROVIDE 1" MIN. OD WASHERS TOP AND BOTTOM AND LOCKING NUT.
THE THRU-BOLT SHALL BE SAE GR. 5 MIN. OR SS. TYP.

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-	-	-	-

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