

GENERAL NOTES:

1. CUSTOM HURRICANE PRODUCTS, INC. ROLL DOWN MESH IMPACT SCREEN, PRODUCT NAME "SUPERMAX", HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH 2023 FLORIDA BUILDING CODE - 8th EDITION CHAPTER 16 FOR LARGE MISSILE IMPACT NOT INCLUDING WITHIN THE HIGH VELOCITY HURRICANE ZONE, AND MEETS THE NON-POROUS REQUIREMENTS FOR ASTM E1996 FOR OUTSIDE OF HIGH VELOCITY HURRICANE ZONES. ALLOWABLE WIND LOADS SHALL BE IN ACCORDANCE WITH ASCE 7-22, AND FOR A BASIC WIND SPEED AS REQUIRED BY THE JURISDICTION WHERE THE ROLL DOWN MESH IMPACT SCREEN WILL BE INSTALLED.
2. TESTED PER ASTM E1886-13a/19, ASTM E1996-14a/17/20, AND ASTM E330-14 OR 14(2021) WITH MISSILE IMPACTS CORRESPONDING TO MISSILE LEVEL E AND WIND ZONE 1,2, 3, AND 4 TO MEET IMPACT, DEFLECTION, AND FATIGUE RESISTANCE PER FBC1609.1.2
3. UNIT WIDTH OR THE DISTANCE BETWEEN SUPPORTED SIDES SHOWN IS MAXIMUM ALLOWABLE WITHOUT SITE-SPECIFIC ENGINEERING. SCREEN HEIGHT IS LIMITED TO 24'-0".
4. NO ALLOWABLE STRESS INCREASE HAS BEEN USED IN THE DESIGN OF THE ROLL DOWN MESH IMPACT SCREEN.
5. ANCHORING OF SIDE RAILS SHALL BE WITH 5/16"Ø TAPCON XL BY ITW RED HEAD @ 6" O.C. WITH MIN. 2-1/4" EMBED FOR 3"x3" TUBE.
6. ANCHORING OF SIDE RAILS SHALL BE WITH 1/4"Ø SAMMY SSC BY ITW RED HEAD @ 6" O.C. WITH MIN. 2-1/2" EMBED. 1/4"Ø TAPCON PER DETAIL 4 ON S3.0 SHALL BE SUBSTITUTED FOR THE 1/4"Ø SAMMY SSC AT THE SAME SPACING AND EMBED LENGTH.
7. INSTALLATION OF FASTENERS INTO SUBSTRATE SHALL BE INTO CONCRETE OR GROUT SOLID CMU. ADEQUACY OF EXISTING STRUCTURE SHALL BE DETERMINED BY OTHERS.
8. THE PRODUCT EVALUATION DOCUMENT AND INSTALLATION INSTRUCTIONS ARE GENERIC AND DOES NOT PROVIDE INFORMATION FOR SITE SPECIFIC PROJECTS (ANYTHING DEVIATING FROM THESE DOCUMENTS AND INSTALLATION INSTRUCTIONS). ALL SITE SPECIFIC PROJECTS SHALL REQUIRE A FLORIDA REGISTERED PROFESSIONAL ENGINEER SEAL WHOM SHALL TAKE ALL RESPONSIBILITIES OF THE PRODUCT.
9. FINAL SCREEN FABRIC SHALL BE MIN. 27-MIL
10. FINAL SCREEN FABRIC SHALL HAVE POROSITY <= 10%.
11. SEE SHEET S2.0 FOR FABRIC SPECIFICATIONS.
12. MAX. ALLOWABLE DESIGN PRESSURES SHALL NOT EXCEED +/- 75 psf.
13. THE PRODUCT SHALL BE LABELED IN ACCORDANCE WITH FBC - 1709.9

PRODUCT LABEL:

CUSTOM HURRICANE PRODUCTS
2024 58th Ave Circle East
Bradenton, FL 34203

THIS PRODUCT SHALL BE INSTALLED AND USED ONLY AS INTENDED PER THE INSTALLATION INSTRUCTIONS. THIS PRODUCT DOES NOT MEET ASTM D1929, ASTM E84, ASTM D2843, ASTM D635, AAMA 1600, OR ASTM G15, ASTM D2526, ASTM D256

FLORIDA BUILDING COMMISSION APPROVAL: FL#16380.1
TEST STANDARDS: ASTM E1886, ASTM E1996, ASTM E330

OPENING # _____
DO NOT REMOVE LABEL

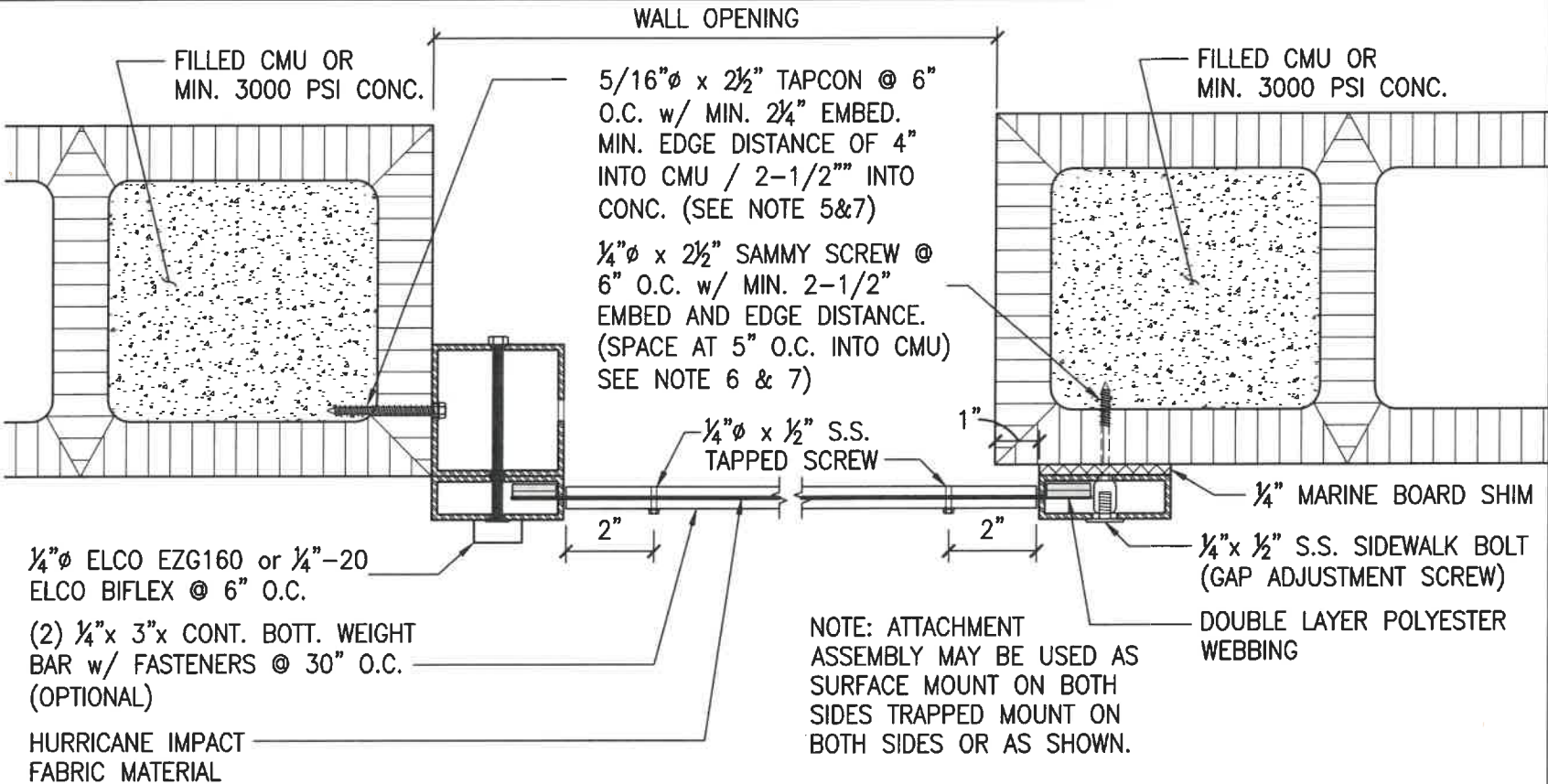
GLASS SEPARATION + SCREEN DEFLECTION TABLE

W (CLEAR SPAN)	207"	180"	169"	121"	108"	84" or LESS
SEPARATION DISTANCES BETWEEN PROTECTED GLAZING AND SCREEN AT ZONE 4 AND ESSENTIAL BUILDINGS	20"	16"	14"	12"	10"	8"

LOADS ON STRUCTURE		
75 PSF		
W	TENSION	SHEAR
17'-2"	650 #/FT	1890 #/FT
15'-0"	565 #/FT	1635 #/FT
13'-0"	488 #/FT	1415 #/FT
11'-0"	415 #/FT	1200 #/FT
9'-0"	340 #/FT	980 #/FT
7'-0"	265 #/FT	765 #/FT
OR <		

NOTE: FOR LOADS ON STRUCTURES FOR WIND PRESSURES LESS THAN 75 PSF, VALUES IN THE TABLE MAYBE OBTAINED BY THE FOLLOWING FORMULA:

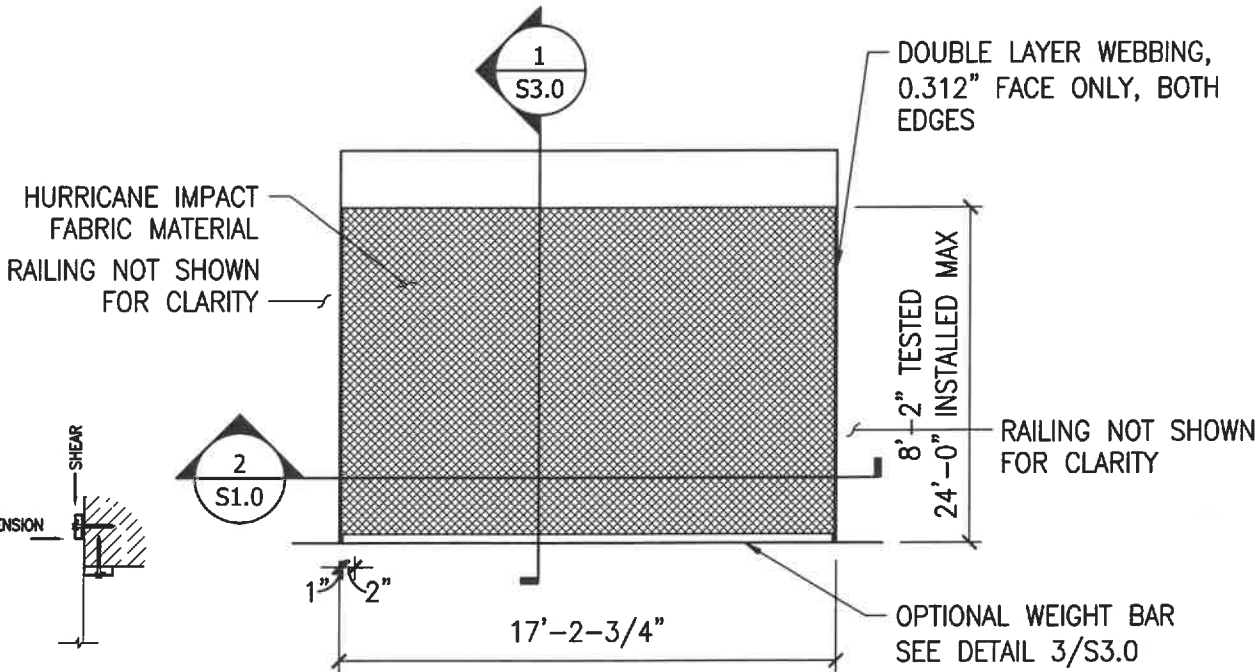
VALUE FROM TABLE X PRESSURE DESIRED / 75 PSF



2

SECTION - SIDE RAILS TO CMU

N.T.S.



1

TYPICAL - SINGLE UNIT ELEVATION

N.T.S.

CUSTOM HURRICANE PRODUCTS
"SUPER MAX" SCREEN

Project Name:

Drawn: CF
Checked: TB
REV: 20DP-0612
Scale: SEE SHEET
Date: 2023-09-11

KARINS
ENGINEERING

FL. Cert. of Auth. # 8371
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Sarasota, FL 34236
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No. 0052677

STATE OF

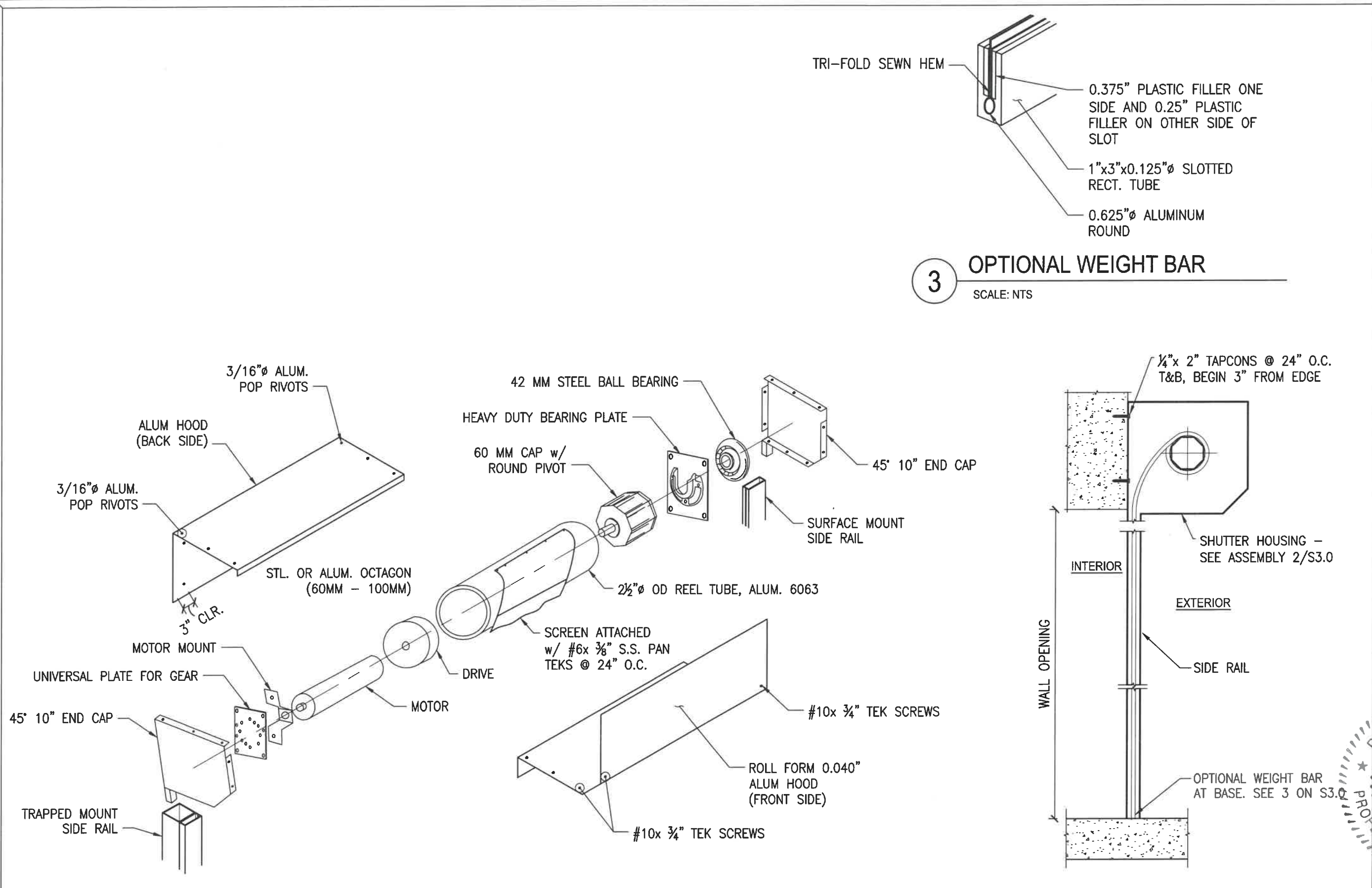
FLORIDA

PROFESSIONAL ENGINEER

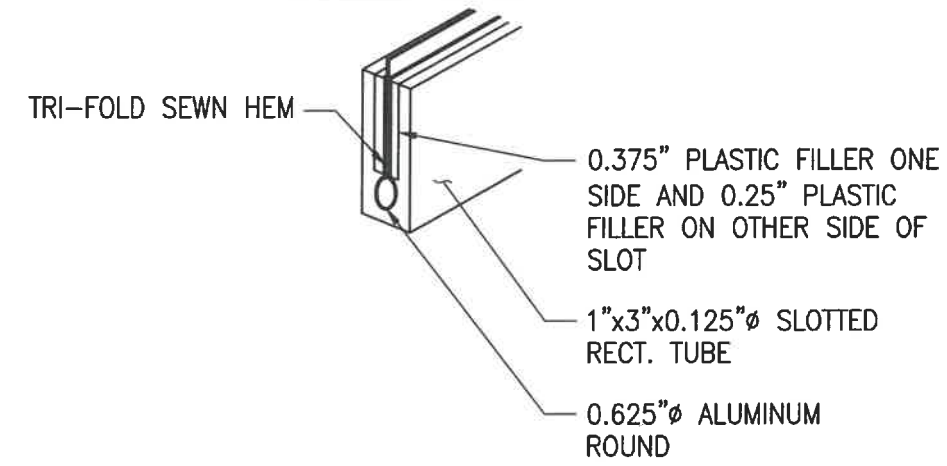
TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE COMPLETED STRUCTURE DEPICTED ON THESE PLANS COMPLIES WITH APPLICABLE MINIMUM BUILDING CODES.

Sheet No.:

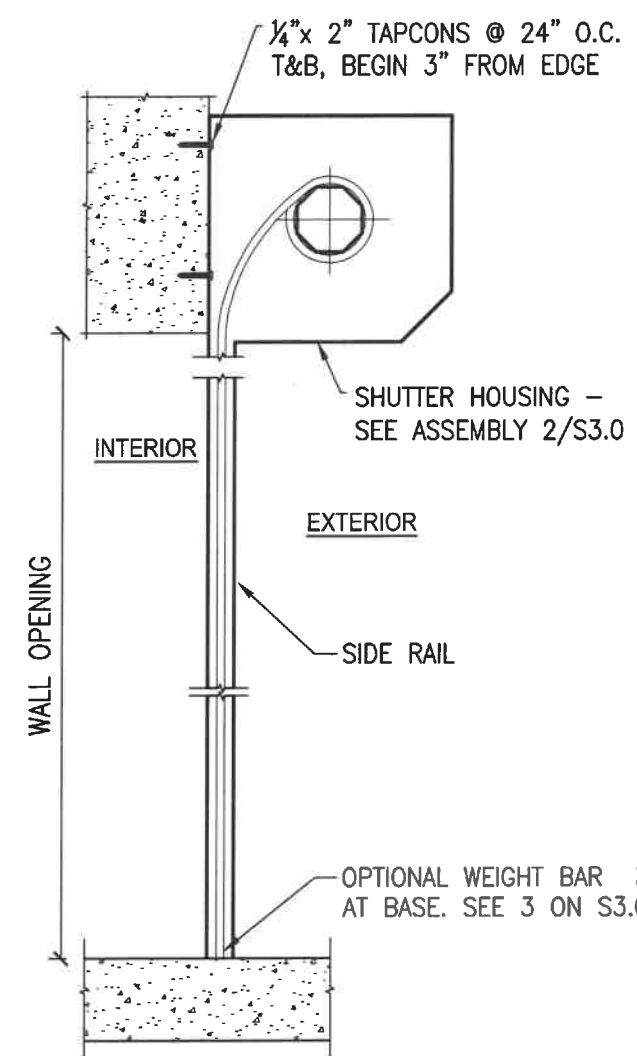
S1.0



2 COMPONENTS & ASSEMBLY
SCALE: NTS



3 OPTIONAL WEIGHT BAR
SCALE: NTS



1 OPTIONAL SHUTTER HOUSING
SCALE: NTS

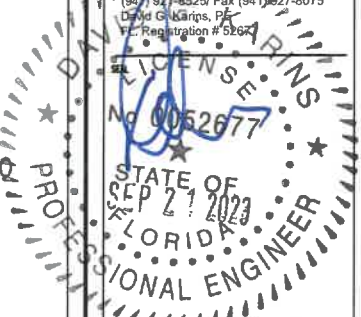
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"SUPER MAX" SCREEN

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Scale: SEE SHEET
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TO THE BEST OF MY KNOWLEDGE AND ABILITY, THE COMPLETED STRUCTURE DEPICTED ON THESE PLANS COMPLIES WITH APPLICABLE MINIMUM BUILDING CODES.

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S3.0