



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

C.G.S. Sales, Inc.
44729 Street Rt. 14
Columbiana, OH 44408

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 0.028" Stainless Steel Operable Impact Resistant Window Screen

APPROVAL DOCUMENT: Drawing No. SCG0509-16, titled "Operable Impact Resistant Window Screen", sheets 1 through 11 of 11, prepared by Souffront Construction's Group, Ltd. Co., dated 12/16/2016, latest revision #2 dated 06/14/21, signed and sealed by Oscar Yamir Souffront, P.E. on 06/22/2021, bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each module shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** NOA #18-0712.07 and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
07/22/2021

NOA No 21-0427.05
Expiration Date: 05/18/ 2022
Approval Date: 07/22/ 2021
Page 1

C.G.S. Sales, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 17-0206.07

A. DRAWINGS

1. *Drawing No. SCG0509-16, titled " Operable Impact Resistant Window Screen ", sheets 1 through 11 of 11, prepared by Souffront Construction's Group, Ltd. Co., dated 12/16/16, signed and sealed by Oscar Yamir Souffront, P.E. on 02/01/2017*

B. TESTS

1. *Test reports on 1)Uniform Static Air Pressure Test, Loading per SFBC PA 202-94 2) Cyclic Wind Pressure Loading per SFBC, PA 203-94 3) Large Missile Impact Test per SFBC, PA 201-94 along with marked-up drawings and installation diagram of an aluminum Operable Window with a stainless steel screen, prepared by Blackwater Testing, Inc., Test Report No. BT-SCG-16-001, dated 07/18/2016, signed and sealed by Constantin Bortes, P.E.*

C. CALCULATIONS

1. *Anchor Calculations and structural analysis, prepared by Souffront Construction's Group, Ltd. Co., dated 02/01/2017, signed and sealed by Oscar Yamir Souffront, P.E. on 02/01/2017*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None*

F. STATEMENTS

1. *Statement letter of compliance with the FBC, 2014 Edition, prepared by Souffront Construction's Group, Ltd. Co., dated 12/06/2016, signed and sealed by Oscar Yamir Souffront, P.E. on 02/01/2017.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0712.07

A. DRAWINGS

1. *Drawing No. SCG0509-16, titled " Operable Impact Resistant Window Screen ", sheets 1 through 11 of 11, prepared by Souffront Construction's Group, Ltd. Co., dated 12/16/16, signed and sealed by Oscar Yamir Souffront, P.E. on 02/01/2017*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No 21-0427.05
Expiration Date: 05/18/ 2022
Approval Date: 07/22/ 2021

C.G.S. Sales, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None*

F. STATEMENTS

1. *Statement letter of compliance with the FBC, 2017 Edition, prepared by Souffront Construction's Group, Ltd. Co., dated 07/03/2018, signed and sealed by Oscar Yamir Souffront, P.E. on 07/03/2018.*

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. SCG0509-16, titled " Operable Impact Resistant Window Screen ", sheets 1 through 11 of 11, prepared by Souffront Construction's Group, Ltd. Co., dated 12/16/2016, latest revision #2 dated 06/14/21, signed and sealed by Oscar Yamir Souffront, P.E. on 06/22/2021.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

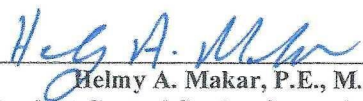
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None*

F. STATEMENTS

1. *Statement letter of compliance with the FBC, 2020 Edition, prepared by Souffront Construction's Group, Ltd. Co., dated 06/21/2021, signed and sealed by Oscar Yamir Souffront, P.E. on 06/22/2021.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No 21-0427.05
Expiration Date: 05/18/ 2022
Approval Date: 07/22/ 2021

OPERABLE IMPACT RESISTANT WINDOW SCREEN

GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. THIS PRODUCT IS RATED IMPACT RESISTANT FOR LARGE AND SMALL MISSILE, THEREFORE, MIAMI-DADE COUNTY'S APPROVED HURRICANE PROTECTION SYSTEM (SHUTTERS) ARE NOT REQUIRED WHEN PRODUCT IS USED OR INSTALLED IN WIND-BORNE DEBRIS REGIONS.
3. THE DESIGN LOADS SHOWN IN THIS DOCUMENT FOR THIS PRODUCT ARE ALLOWABLE DESIGN LOADS. ULTIMATE DESIGN LOADS OBTAINED FROM ASCE 7-16 MULTIPLIED BY 0.6 SHALL BE LESS THAN OR EQUAL TO PRODUCT'S MAXIMUM DESIGN LOADS IN THIS DOCUMENT.
4. WOOD BUCKS DEPICTED AS "1X" ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1-1/2" AND ARE OPTIONAL IF PRODUCT CAN BE INSTALLED DIRECTLY TO SUBSTRATE.
WOOD BUCKS DEPICTED AS "2X" ARE BUCKS WHOSE TOTAL THICKNESS IS 1-1/2" OR GREATER.
"1X" AND "2X" WOOD BUCKS, WHEN USED, SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS IMPOSED ON THEM BY THE DOOR TO THE BUILDING STRUCTURE.
THE DESIGN AND INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHER OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
5. THE INSTALLATION CONDITIONS DEPICTED ON DETAILS OF THIS DOCUMENT ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE.
SITE SPECIFIC CONDITIONS THAT DEVIATE FROM THE CONDITIONS DETAILED HEREIN, SHALL BE PREPARED BY A REGISTERED ENGINEER OR ARCHITECT WHO WILL BECOME RESPONSIBLE FOR THE PROPER USE OF THIS PRODUCT APPROVAL DOCUMENT AND SHALL BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
6. INSTALLATION ANCHOR CAPACITY, ANCHOR SPACING, ANCHOR EMBEDMENT AND EDGE DISTANCE LIMITS ARE BASED ON MINIMUM PROPERTIES OF SUBSTRATE MATERIALS, AS INDICATED IN ANCHOR NOTES AND SPECIFICATIONS SECTION.
7. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS, SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.
8. MATERIAL FOR WINDOWS FRAME AND PANELS TO BE WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.55
9. EGRESS REQUIREMENT: COMPLIANCE WITH THIS FEATURE, WHEN REQUIRED, SHALL BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

ANCHOR NOTES AND SPECIFICATIONS

INSTALLATION ANCHORS SHALL BE COATED CARBON STEEL CORROSION RESISTANT AND INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS OF THE ANCHOR'S MANUFACTURER. ANCHOR TYPE SHALL BE AS INDICATED BELOW AND AS NOTED ON INSTALLATION DETAIL DRAWINGS OF THIS DOCUMENT. ANCHOR EMBEDMENT INTO SUBSTRATE MATERIAL SHALL BE BEYOND ANY FINISH MATERIAL.

1.- ANCHOR TYPE AND EMBEDMENT

- Ø1/4" X 2 1/2" ULTRACON HEX FLANGE HEAD (HFH) BY DEWALT
- INTO WOOD FRAMING OR "2X" WOOD BUCK, 1-1/2" MIN. EMBEDMENT
 - INTO POURED CONCRETE OR CONCRETE BLOCK WALL, 1-3/4" MIN. EMBEDMENT

#14 SMS, ITW BUILDEX, INC. STAINLESS STEEL TEK OR SELF-DRILLING SCREW (GRADE 5)

- INTO METAL STRUCTURES:

ANCHOR LENGTH SHALL BE SUFFICIENT AS TO ACHIEVE 3 THREADS MIN. BEYOND THE STRUCTURE'S INTERIOR WALL.

- a) STEEL STUDS: 16 ga MIN., fy = 36 ksi YIELD STRENGTH MIN.
- b) ALUMINUM: 1/8" WALL THICKNESS MIN., ALLOY 6063-T5 MIN.

2.- EDGE DISTANCE

EDGE DISTANCE SHALL BE BEYOND ANY FINISH MATERIAL AS INDICATED BELOW FOR THE FOLLOWING SUBSTRATES.

- POURED CONCRETE AND CONCRETE BLOCK WALL: 2-3/8" MIN.
- METAL STRUCTURES: 1/2" MIN.
- WOOD: 1" MIN.

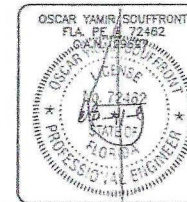
3.- SUBSTRATE MATERIAL REQUIREMENTS

ANCHOR CAPACITIES ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

- WOOD: MINIMUM SPECIFIC GRAVITY OF 0.55
- STEEL: MINIMUM YIELD STRENGTH OF 36 ksi
- ALUMINUM: ALLOY AND TEMPER 6063-T5 MINIMUM, MINIMUM WALL THICKNESS OF 0.125"
- CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 3000 psi
- CONCRETE BLOCK OR MASONRY: MINIMUM COMPRESSIVE STRENGTH OF 3000 psi, CONFORMING WITH ASTM C-90
- GROUT WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 psi, CONFORMING TO ASTM C-476

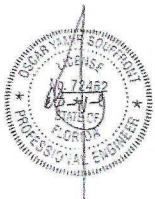
DRAWING INDEX

- | | |
|----------|--|
| SHEET 1. | -GENERAL NOTES / ANCHOR NOTES AND SPECIFICATIONS |
| SHEET 2. | -DOOR ELEVATIONS / ANCHOR LAYOUT |
| SHEET 2A | -DOOR ELEVATIONS / ANCHOR LAYOUT |
| SHEET 3. | -VERTICAL SECTION DETAILS |
| SHEET 4. | -VERTICAL SECTION DETAILS |
| SHEET 5. | -HORIZONTAL SECTION DETAILS |



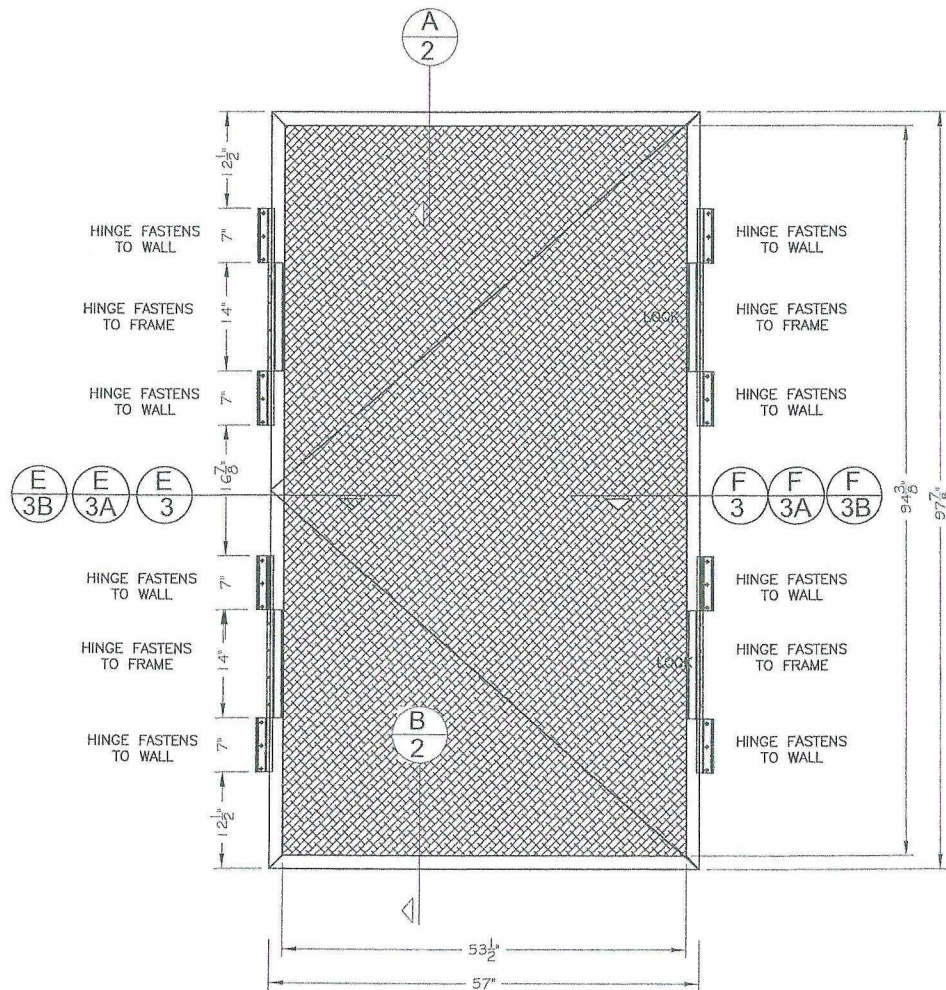
PROJECT REVISED
on complying with the Florida
Building Code
Approval No. 21-0427-05
Expiration Date 05/18/2022
By: [Signature]
Micro Data, Inc. (Seal)

Souffront Construction's Group, Ltd. Co. 2942 SW 156th AVENUE Miami, FL 33185 Phone (786) 306-9417 Souffrontengineering@gmail.com		C.G.S. SALES INC. 44729 St. RL14 Columbus, OH 44408 Phone (330) 501-4396 FAX No (330) 457-9539	
OPERABLE IMPACT RESISTANT WINDOW SCREEN LARGE AND SMALL MISSILE IMPACT RESISTANT		GENERAL NOTES / ANCHOR NOTES AND SPECIFICATIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
05-16-2018	2017 FLORIDA BUILDING CODE (FBC) 17TH EDITION	05-16-2021	2020 FLORIDA BUILDING CODE (FBC) 17TH EDITION
1	PREPARED BY OSCAR YAMIR SOUFFRONT, P.E. 2942 SW 156th AVENUE MIAMI, FL 33185 TEL (786) 306-9417 FLORIDA LICENSE No. 72462 CERTIFICATE OF AUTHORIZATION No. 20897	DRAWN: YYS	CHECKED: OYS
2		SCALE: AS NOTED	DATE: 12-18-16
DRAWING No. SCG0509-16		SHEET 1 OF 11	



Digitally signed by Oscar Yamir
Souffront PE 72462
DN: c=US, st=Florida, l=Miami,
o=Souffront Construction's Group
Ltd Co., ou=Professional Engineer,
cn=Oscar Yamir Souffront PE 72462,
email=souffrontengineering@gmail.c
om
Date: 2021.06.22 00:44:15 -04'00'
Adobe Acrobat version:
2021.005.20048

OPERABLE IMPACT RESISTANT WINDOW SCREEN



ELEVATION No. 1 (TYP.)

TABLE No. 1

MAXIMUM ALLOWABLE DESIGN PRESSURES (DP) OVERALL AND ROUGH OPENING SIZES

TYPE: HINGES AND LOCKS ON SIDES

MAXIMUM INWARD PRESSURE = + 100 PSF

MAXIMUM LEEWARD PRESSURE = - 100 PSF

MAXIMUM OVERALL SIZE (INCHES)

WIDTH = 57"

HEIGHT = 97 7/8"

MAXIMUM ROUGH OPENING (INCHES)

WIDTH = 53 1/2"

HEIGHT = 94 3/8"

INSTRUCTIONS:

STEP 1 DETERMINE DESIGN WIND PRESSURE REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.

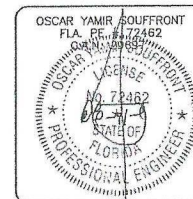
INWARD AND LEEWARD PRESSURE DETERMINED MUST BE EQUAL OR LESS THAN THE SPECIFIED IN TABLE No 1

STEP 2 SEE TABLE No 1 ON SHEET 2 FOR MAXIMUM OVERALL SIZE AND ROUGH OPENING

STEP 3 CHECK SUBSTRATE WHERE HINGES WILL BE ANCHORED

STEP 4 CHOOSE ANCHORS, SPACING, EMBEDMENT AND EDGE DISTANCE AS PER TABLE No. 3.

STEP 5 ANCHOR QUANTITY AS SHOWN IN ELEVATION No. 1 (TYP.)



PROJECT REVISED
to comply with the Florida
Building Code
Acceptance Date: 05/18/2021
By: *Handwritten Signature*
Miami-Dade Project Control

Souffront Construction's Group, Ltd. Co. 2942 SW 156th AVENUE Miami, FL 33185 Phone (786) 306-9417 Souffrontengineering@gmail.com		C.G.S. SALES INC. 44729 St. Rt. 14 Columbiana, OH 44408 Phone (330) 501-4396 FAX No (330) 457-9539	
OPERABLE IMPACT RESISTANT WINDOW SCREEN LARGE AND SMALL MISSILE IMPACT RESISTANT		PREPARED BY OSCAR YAMIR SOUFFRONT, P.E. 2942 SW 156th AVENUE MIAMI, FL 33185 PH. (786) 306-9417 FLORIDA LICENSE No. 72462 CERTIFICATE OF AUTHORIZATION No. 25687	
DATE	DESCRIPTION	DRAWN: YYS	SHEET
05-15-2018	2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION	CHECKED: OYS	2 OF 11
05-14-2021	2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION	SCALE: AS NOTED	
1	2	DATE: 12-15-18	
SCG0509-16		2 OF 11	

$$\begin{array}{c} \text{D} \\ \hline 2 \\ \text{D} \\ \hline 2A \\ \text{C} \\ \hline 2B \end{array}$$

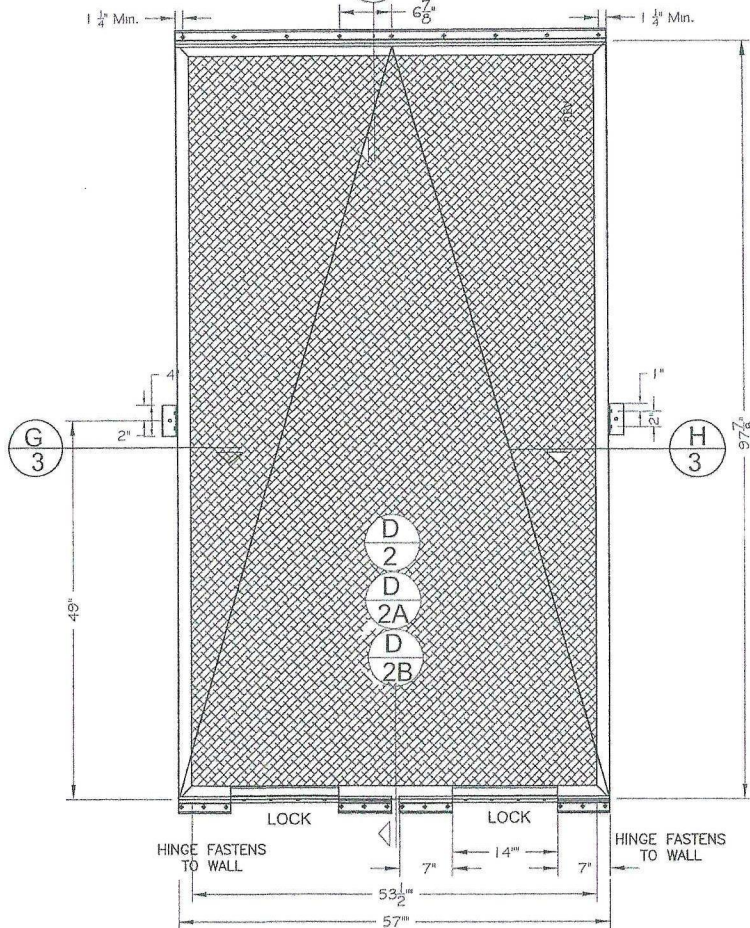


TABLE No. 2

TYPE: HINGES AND LOCKS TOP & BOTTOM

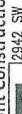
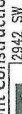
MAXIMUM OVERAL SIZE (INCHES)

MAXIMUM ROUGH OPENING (INCHES)

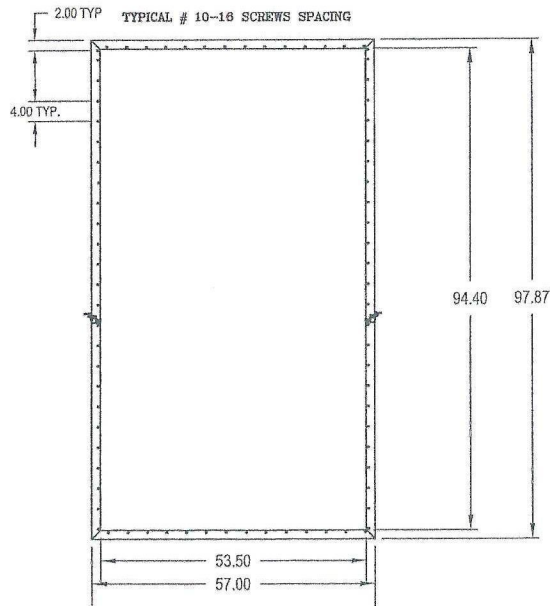
INSTRUCTIONS:

- OSCAR YAMIR / SOUFFRONT
FLA. PE # 72462
C.W. # 28699
- 
- OSCAR YAMIR / SOUFFRONT
LICENSE
NO. 72462
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

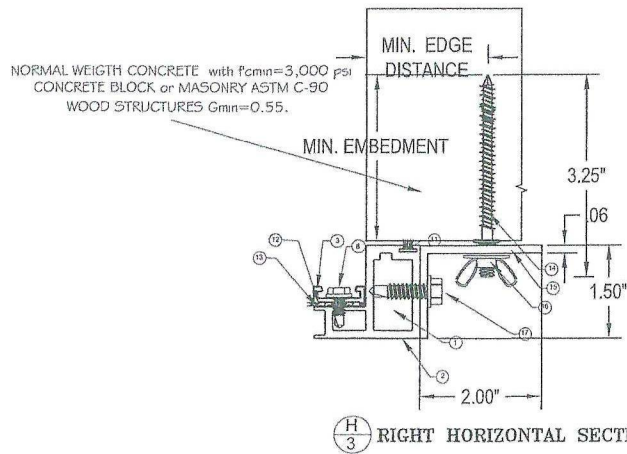
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0927.09
Expiration Date 06/18/2022
By Hely A. Miller
Miami-Dade Product Council

				OPERABLE IMPACT RESISTANT WINDOW SCREEN		 Souffront Construction's Group, Ltd. Co. 2942 SW 156th AVENUE Miami, FL 33183 Phone (786) 306-9417 Souffrontengineering@gmail.com
				LARGE AND SMALL MISSILE IMPACT RESISTANT		
REV.		DATE		DESCRIPTION		 C.G.S. SALES INC. 44729 St. Rt.14 Columbiana, OH 44408 Phone (330) 501-4396 FAX No (330) 457-9539
1		05-16-2018		2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION		
2		05-14-2021		2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION		
DRAWING No.						
SCG0509-16						
DRAWN: YYS				PREPARED BY OSCAR YAMIR SOUFFRONT, P.E.		
CHECKED: OYS				2942 SW 156th AVENUE		
SCALE: AS NOTED				MIAMI, FL 33183 PH. (786) 306-9417		
DATE: 12-16-16				FLORIDA LICENSE No. 77492		
				CERTIFICATE OF AUTHORIZATION No. 25697		

OPERABLE IMPACT RESISTANT WINDOW SCREEN



BACK ELEVATION (TYP.)

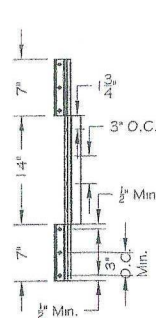


RIGHT HORIZONTAL SECTION

ANCHOR NOTES:

1.- WHERE INSTALLATION IS TO WOOD FRAMING OR WOOD BUCKS, THE WOOD FRAME OR WOOD BUCK SHALL BE ENGINEERED BY OTHERS TO TRANSFER THE LOADS INTO THE STRUCTURE.

2.- SPACING O.C. AS PER TYPICAL ELEVATIONS SHOWN BELOW



ELEVATION HINGES & LOCKS (TYP)

NOTE: HINGES AND LOCK FOR USE VERTICAL OR HORIZONTAL.

TABLE No. 3

TYPE "A"

1/4" DIA ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)

DIRECTLY INTO CONCRETE
WITH 1-3/4" MIN. EMBED.

DIRECTLY INTO CONCRETE BLOCK OR MASONRY
WITH 1-3/4" MIN. EMBED.

DIRECTLY INTO WOOD STRUCTURE
WITH 1-1/2" MIN. EMBED..

ANCHOR EDGE DISTANCES

INTO CONCRETE = 3-1/8" MIN.

INTO CONCRETE BLOCK OR MASONRY = 3-1/8" MIN.

INTO WOOD STRUCTURE = 1" MIN.

TYPE "B"

1/4" DIA SELF DRILLING TEK SCREWS (Fu=100 KSI, Fy=65 KSI)

DIRECTLY INTO METAL STRUCTURE (FULL EMBEDMENT.)

1/8" MIN. THICKNESS STEEL ASTM-A36 OR BETTER

1/8" MIN. THICKNESS ALUMINUM 6063-T5 OR BETTER

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

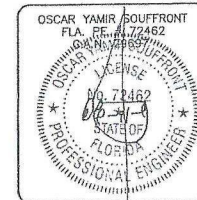
ANCHOR EDGE DISTANCES

INTO METAL STRUCTURE = 1/2" MIN.



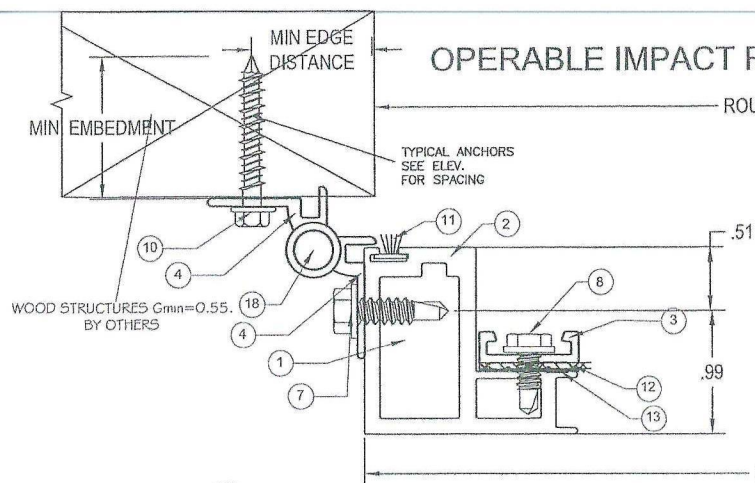
TOP HINGE ELEVATION (TYP)

METAL STRUCTURES NOT BY CGS SALES INC.
MUST SUPPORT LOADS IMPOSED BY THE WINDOW SCREEN
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

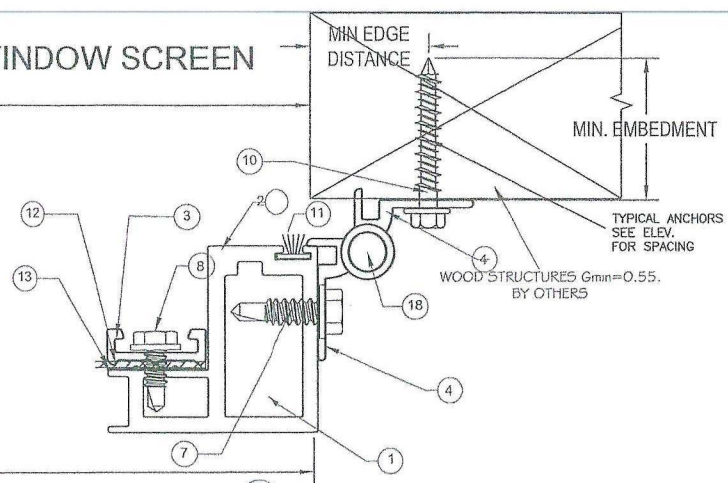


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance Date 2-9-2021
Expiration Date 2-9-2025
By: H. G. A. M. M.
Miami Tech Product Control

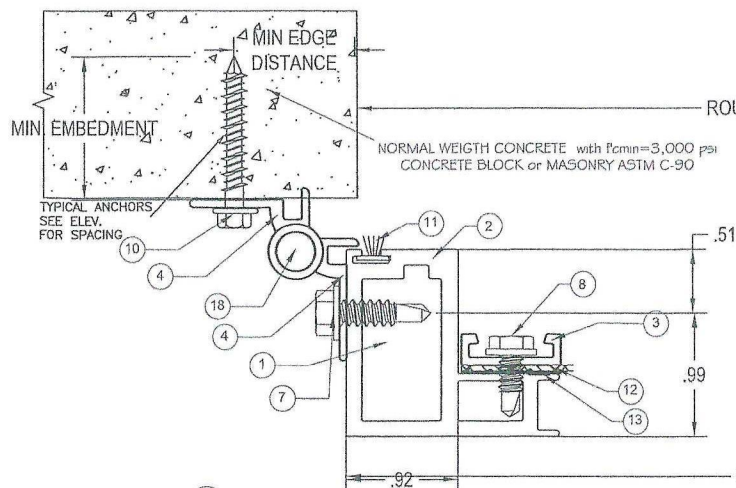
Souffront Construction's Group, Ltd. Co. 2942 SW 156th AVENUE Miami, FL 33185 Phone (786) 306-9417 Souffrontengineering@gmail.com		C.G.S. SALES INC. 44729 St. Rt. 14 Columbiana, OH 44408 Phone (330) 501-4396 FAX No (330) 457-9539	
OPERABLE IMPACT RESISTANT WINDOW SCREEN LARGE AND SMALL MISSILE IMPACT RESISTANT		DESCRIPTION 2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION 2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION DATE 05-16-2018 06-14-2021 REV. 1 2 DRAWN BY CHECKED BY SCALE AS NOTED DATE: 12-16-16	
SCG0509-16		4 OF 11	



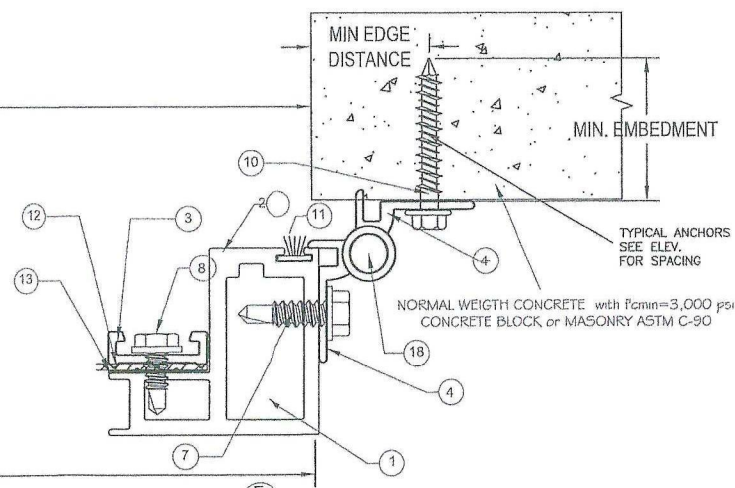
LEFT HORIZONTAL SECTION



RIGHT HORIZONTAL SECTION

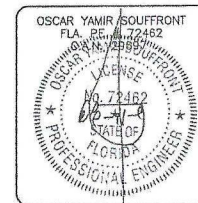


LEFT HORIZONTAL SECTION



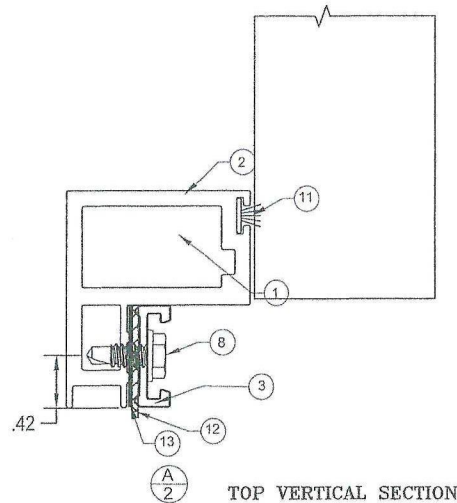
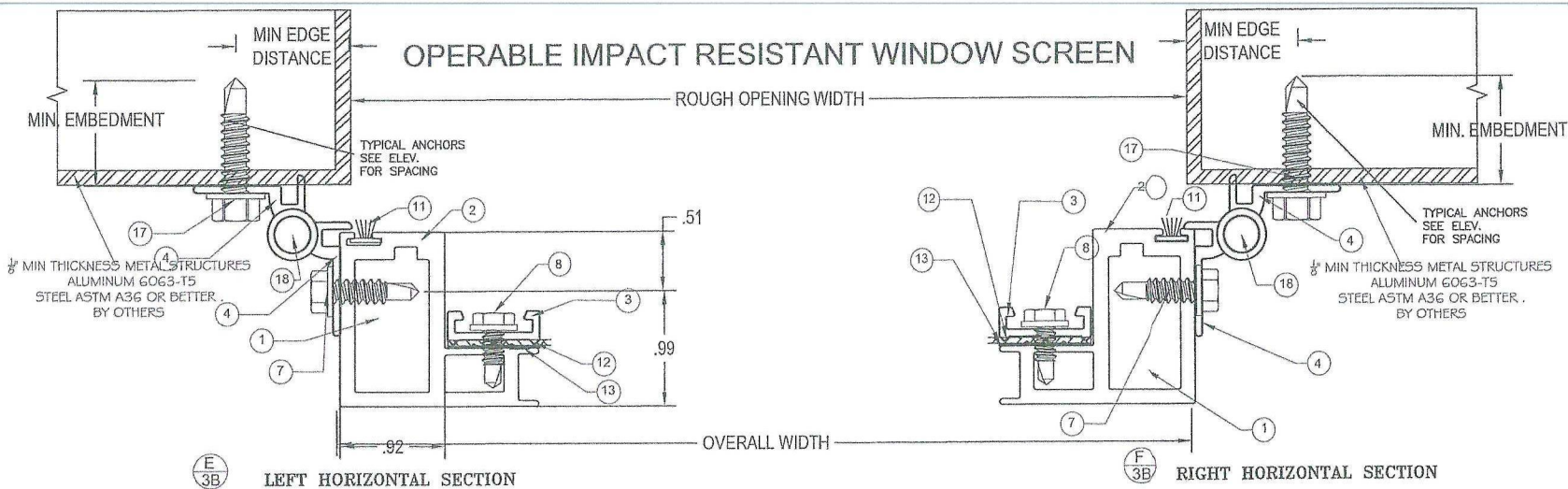
RIGHT HORIZONTAL SECTION

NOTES.
1.- MINIMUM EDGE DISTANCE AND EMBEDMENT AS PER TABLE # 3.
2.-SPACING AS PER TYPICAL ELEVATION # 1 OR # 2.
1/2" MAXIMUM GAP OR SHIM IN ANCHORS
MORE THAN 1/2" GAP SHALL BE ENGINEERED BY FLORIDA PROFESSIONAL ENGINEER.

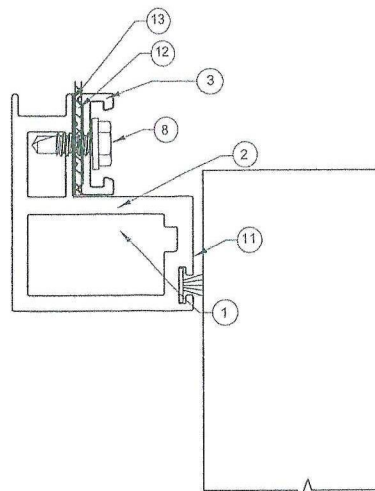


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 212427.05
Expiration Date 05/14/2022
By Kelly A. M...
Miami Dept Product Control

Souffront Construction's Group, Ltd. Co. 2942 SW 156th Avenue Miami, FL 33185 Phone (786) 306-9417 Souffrontengineering@gmail.com		C.G.S. SALES INC. 44729 St. Rt. 14 Columbiana, OH 44408 Phone (330) 501-4396 FAX No (330) 457-9539	
OPERABLE IMPACT RESISTANT WINDOW SCREEN LARGE AND SMALL MISSILE IMPACT RESISTANT		GENERAL NOTES / ANCHOR NOTES AND SPECIFICATIONS	
DESCRIPTION	2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION	2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION	
DATE	05-16-2018	05-14-2021	
REV.	1	2	
DRAWN: YTS	CHECKED: OYS	SCALE: AS NOTED	DATE: 12-18-16
DRAWING No.	SHEET		
SCG0509-16	5 OF 11		

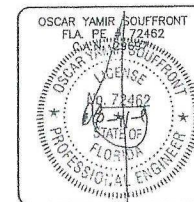


TOP VERTICAL SECTION



BOTTOM VERTICAL SECTION

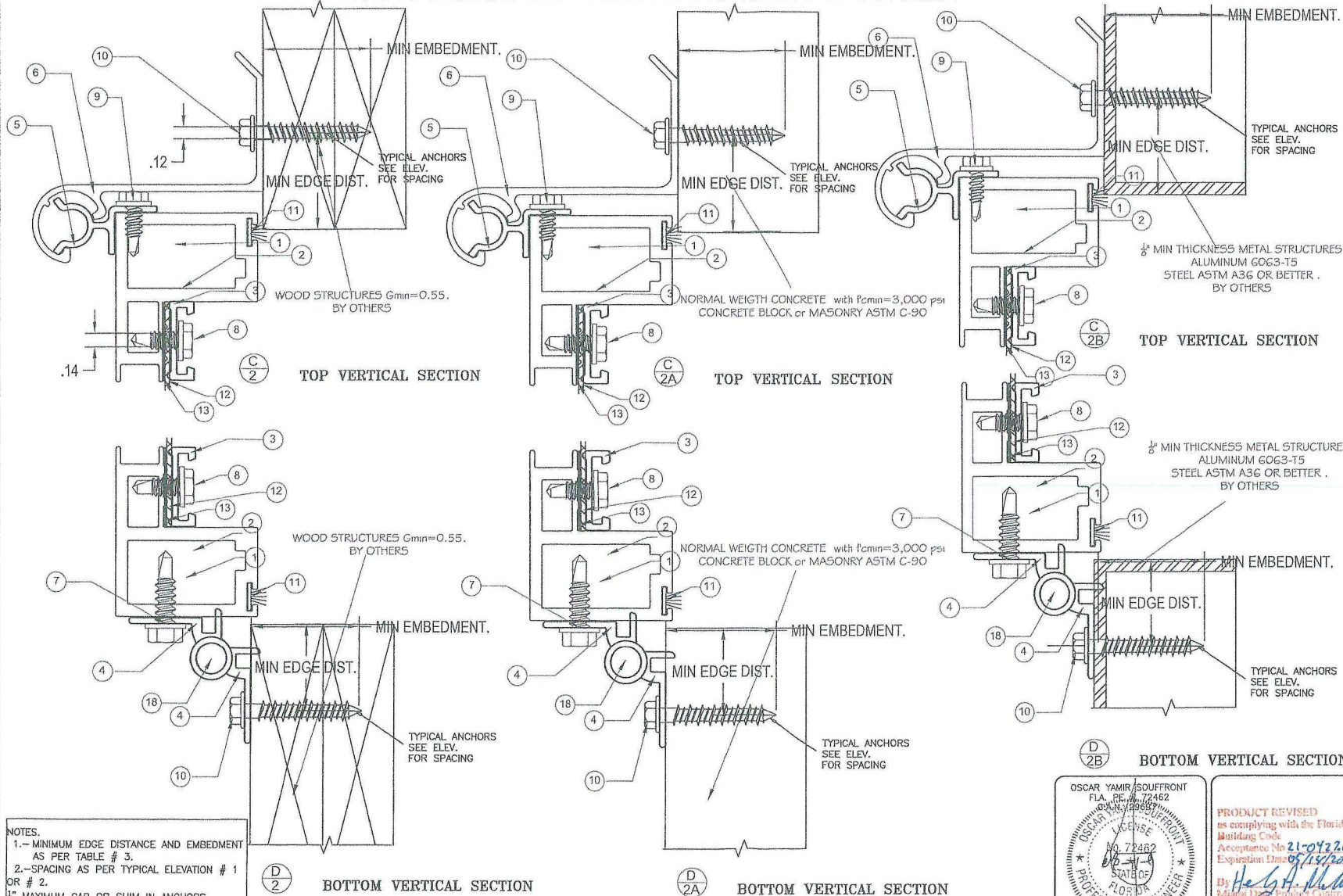
NOTES.
1.- MINIMUM EDGE DISTANCE AND EMBEDMENT AS PER TABLE # 3.
2.- SPACING AS PER TYPICAL ELEVATION # 1 OR # 2.
1/2" MAXIMUM GAP OR SHIM IN ANCHORS
MORE THAN 1/2" GAP SHALL BE ENGINEERED BY FLORIDA PROFESSIONAL ENGINEER.



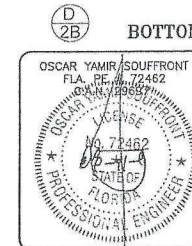
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-0127.05
Expiration Date 05/18/2022
By: *Hely A. M...*
Miami Impact Product Control

Souffront Construction's Group, Ltd. Co. 2942 SW 156th AVENUE Miami, FL 33185 Phone (786) 306-9417 Souffrontengineering@gmail.com		C.G.S. SALES INC. 44729 St. Rt. 14 Columbiana, OH 44408 Phone (330) 501-4396 FAX No (330) 457-9539	
OPERABLE IMPACT RESISTANT WINDOW SCREEN LARGE AND SMALL MISSILE IMPACT RESISTANT			
DESCRIPTION	2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION 2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION	PREPARED BY OSCAR YAMIR SOUFFRONT, P.E. 2942 SW 156th AVENUE MIAMI, FL 33185 PH. (786) 306-9417 FLORIDA LICENSE No. 72462 CERTIFICATE OF AUTHORIZATION No. 28667	
DATE	05-16-2018 06-14-2021	DRAWN: YYS CHECKED: OYS SCALE: AS NOTED DATE: 12-16-16	
REV.	1 2		
DRAWING No.	SCG0509-16	SHEET	6 OF 11

OPERABLE IMPACT RESISTANT WINDOW SCREEN



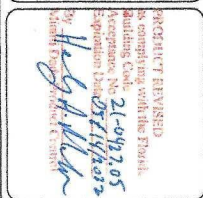
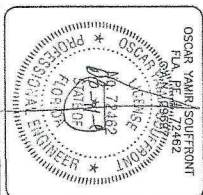
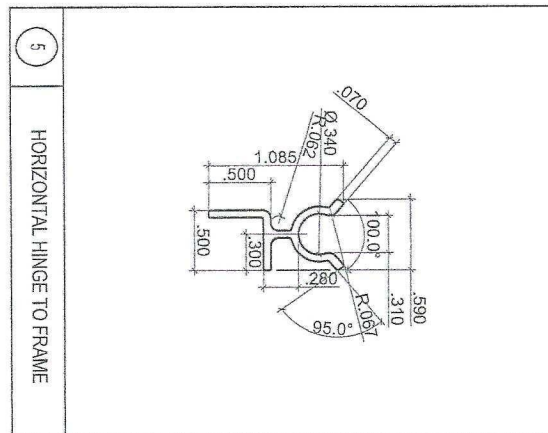
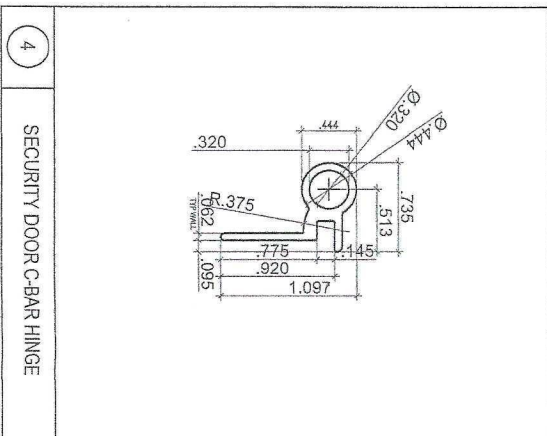
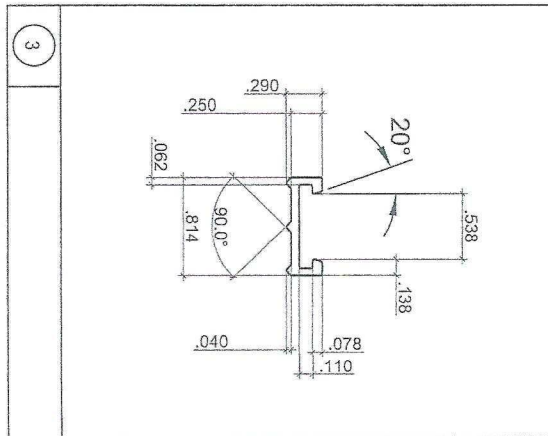
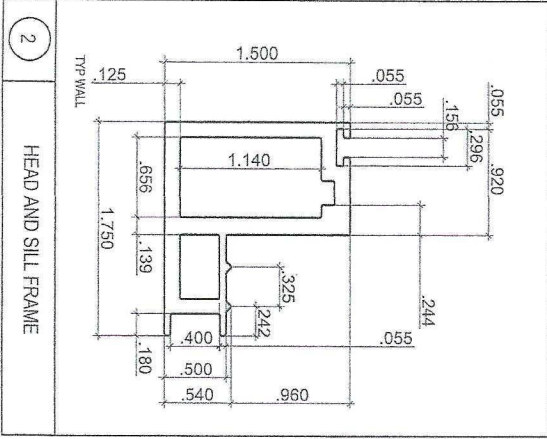
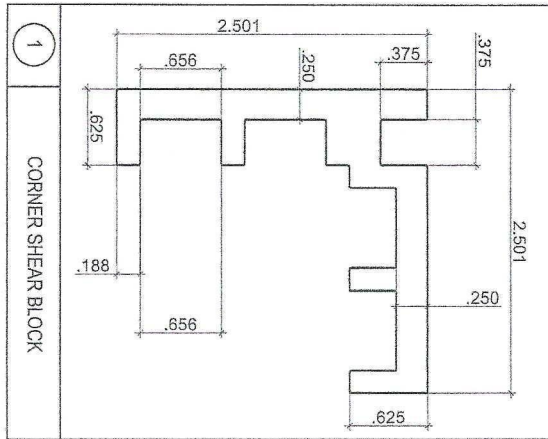
NOTES.
1.- MINIMUM EDGE DISTANCE AND EMBEDMENT AS PER TABLE # 3.
2.-SPACING AS PER TYPICAL ELEVATION # 1 OR # 2.
 $\frac{1}{4}$ " MAXIMUM GAP OR SHIM IN ANCHORS MORE THAN $\frac{1}{4}$ " GAP SHALL BE ENGINEERED BY FLORIDA PROFESSIONAL ENGINEER.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 21-082205
Expiration Date 05/15/2022
By He G. A. M. M.
Miami Door Product Control

Souffront Construction's Group, Ltd. Co. 2942 SW 156th AVENUE Miami, FL 33185 Phone (786) 306-9417 Souffrontengineering@gmail.com		C.G.S. SALES INC. 44729 St. Rt.14 Columbiana, OH 44408 Phone (330) 501-4396 FAX No (330) 457-9539	
OPERABLE IMPACT RESISTANT WINDOW SCREEN LARGE AND SMALL MISSILE IMPACT RESISTANT		PREPARED BY OSCAR YAMIR SOUFFRONT, P.E. 2942 SW 156th AVENUE MIAMI, FL 33185 PH. (786) 306-9417 FLORIDA LICENSE No. 72462 CERTIFICATE OF AUTHORIZATION No. 29687	
DATE 05-16-2018 06-14-2021	DESCRIPTION 2017 FLORIDA BUILDING CODE (IBC) 6TH EDITION 2020 FLORIDA BUILDING CODE (IBC) 7TH EDITION	DRAWN: YTS CHECKED: OYS SCALE: AS NOTED DATE: 12-18-16	SHEET 7 OF 11
SCG0509-16		7 OF 11	

OPERABLE IMPACT RESISTANT WINDOW SCREEN



REV.	DATE	DESCRIPTION
1	05-16-2018	2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION
2	06-14-2021	2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION

OPERABLE IMPACT RESISTANT WINDOW SCREEN
LARGE AND SMALL MISSILE IMPACT RESISTANT

Souffront Construction's Group, Ltd. Co.
2942 SW 156th AVENUE
Miami, FL 33185
Phone (786) 306-9417
Souffrontengineering@gmail.com

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44729 St. Rt.14
Columbiana, OH 44408
Phone (330) 501-4396 FAX No (330) 457-9539

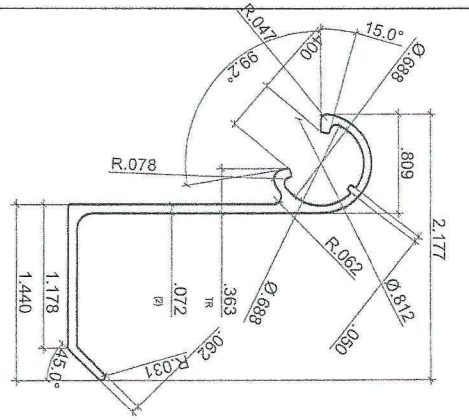
SCG0509-16

8 OF 11

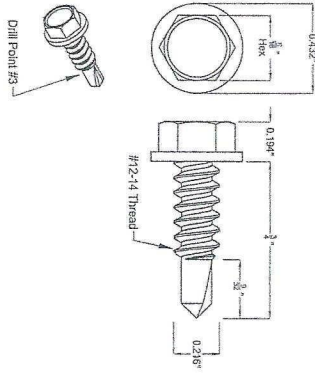
SHEET

DRAWN: YYS
CHECKED: OYS
SCALE: AS NOTED
DATE: 12-16-18
PREPARED BY OSCAR YAMIR SOUFFRONT, P.E.
2942 SW 156th AVENUE
MIAMI, FL 33185 PH. (786) 306-9417
FLORIDA LICENSE No. 72462
CERTIFICATE OF AUTHORIZATION No. 29697

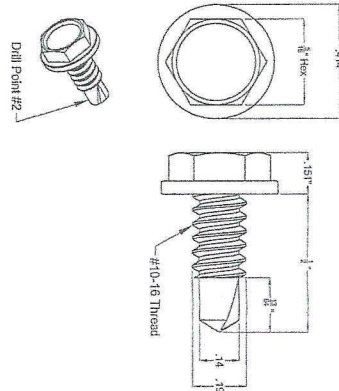
OPERABLE IMPACT RESISTANT WINDOW SCREEN



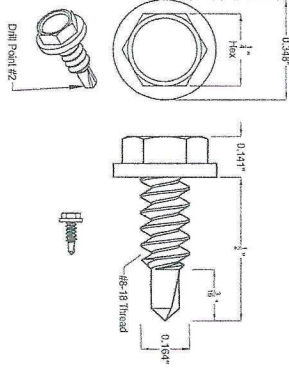
6 HORIZONTAL HINGE TO WALL



7 SELF DRILLING HH SS #12-14



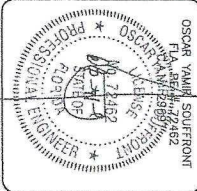
8 SELF DRILLING HH SS #10-16



9 SELF DRILLING HH SS #8-18



10 DEWALT ULTRACON HEX FLANGE HEAD



PROJECT REVIEWED
in compliance with the Florida
Building Code
Acceptance No. 21-0173.05
Expiration Date 05/14/2021
By: *[Signature]*
Souffront Construction, Inc.

REV.	DATE	DESCRIPTION
1	05-16-2018	2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION
2	06-14-2021	2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION

DRAWN: YYS
CHECKED: OYS
SCALE: AS NOTED
DATE: 12-16-16

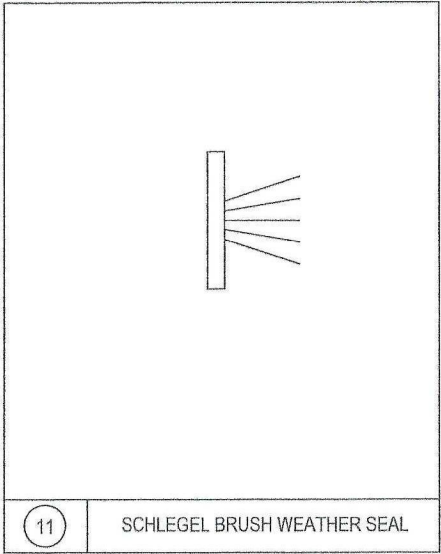
PREPARED BY OSCAR YAMIR SOUFFRONT, P.E.
2942 SW 156th AVENUE
MIAMI, FL 33185 PH. (786) 306-9417
FLORIDA LICENSE No. 72462
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OPERABLE IMPACT RESISTANT WINDOW SCREEN
LARGE AND SMALL MISSILE IMPACT RESISTANT

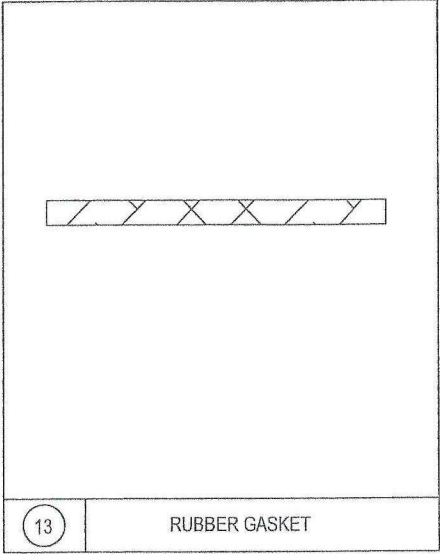
Souffront Construction's Group, Ltd. Co.
2942 SW 156th AVENUE
Miami, FL 33185
Phone (786) 306-9417
Souffrontengineering@gmail.com

C.G.S. SALES INC.
44729 St. Rt.14
Columbiana, OH 44408
Phone (330) 501-4396 FAX No (330) 457-9539

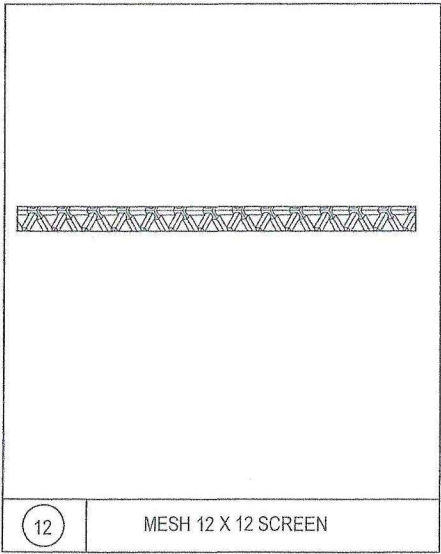
OPERABLE IMPACT RESISTANT WINDOW SCREEN



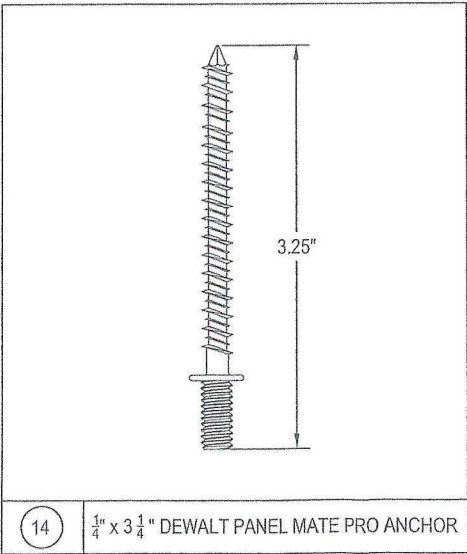
11 SCHLEGEL BRUSH WEATHER SEAL



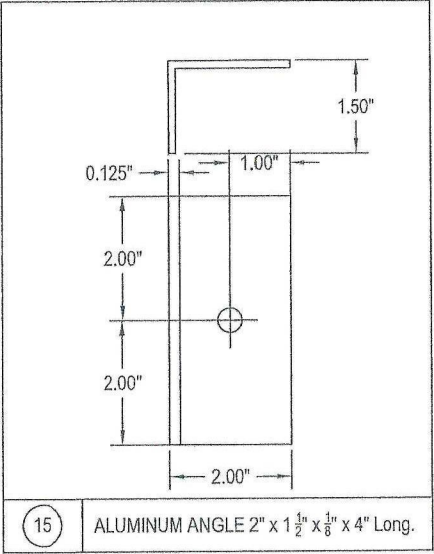
13 RUBBER GASKET



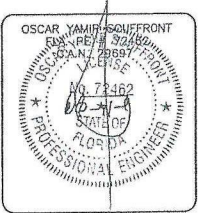
12 MESH 12 X 12 SCREEN



14 $\frac{1}{4}$ " x $3\frac{1}{4}$ " DEWALT PANEL MATE PRO ANCHOR



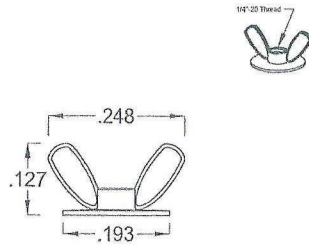
15 ALUMINUM ANGLE 2" x $1\frac{1}{2}$ " x $\frac{1}{8}$ " x 4" Long.



PRODUCT REVISED
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Expiration Date 05/15/2022
By: *Hedy A. Miller*
Miami Design Product Control

SCG0509-16			OPERABLE IMPACT RESISTANT WINDOW SCREEN LARGE AND SMALL MISSILE IMPACT RESISTANT		 Souffront Engineering's Group, Ltd. Co. 2942 SW 136th AVENUE Miami, FL 33185 Phone (786) 306-9417 Souffrontengineering@gmail.com	
DRAWING No.			DESCRIPTION			
1			05-16-2018		2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION	
2			05-14-2021		2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION	
DRAWN: YYS			PREPARED BY OSCAR YAMIR SOUFFRONT, P.E.		C.G.S. SALES INC.	
CHECKED: OYS			2942 SW 136th AVENUE MIAMI, FL 33185 FL (786) 306-9417		44729 St. Rt. 14 Columbianna, OH 44408 Phone (330) 501-4396 FAX No (330) 457-9539	
SCALE: AS NOTED			CERTIFICATE OF AUTHORIZATION No. 24687			
DATE: 12-18-16						
SHEET						
100F11						

OPERABLE IMPACT RESISTANT WINDOW SCREEN

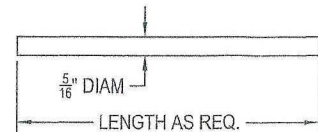


16 1/4" x 20 FLANGE WING NUT

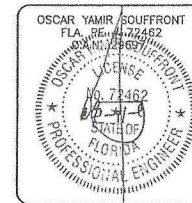


17 1/4" x 20 x 3/4" Self Drilling Screw

BILL OF MATERIAL (QUANTITIES AS REQUIRED)			
ITEM	NAME	MATERIAL	NOTE
1	CORNER SHEAR BLOCK	ALUMINUM ALLOY 6063-T5	
2	HEAD AND SILL FRAME	ALUMINUM ALLOY 6063-T5	
3	ALUMINUM RETAINER BAR	ALUMINUM ALLOY 6063-T5	
4	SECURITY DOOR C-BAR HINGE	ALUMINUM ALLOY 6063-T5	DIE CX8208
5	HORIZONTAL HINGE TO FRAME	ALUMINUM ALLOY 6061-T5	
6	HORIZONTAL HINGE TO WALL	ALUMINUM ALLOY 6061-T5	
7	SELF DRILLING HH SS # 12-14	STAINLESS STEEL	PART # 90821A374
8	SELF DRILLING HH SS # 10-16	STAINLESS STEEL	PART # 98248A430
9	SELF DRILLING HH SS # 8-18	STAINLESS STEEL	PART # 90821A330
10	DEWALT ULTRA CON HEX FLANGE HEAD	STEEL WITH CORROSION COATING	NOA # 20-0427.13
11	SCHLEGEL BRUSH WEATHER SEAL	POLYSTIRENE	
12	MESH 12 X 12 SCREEN	STAINLESS STEEL 304	
13	RUBBER GASKET	RUBBER	
14	1/4" x 3 1/4" ELCO PANEL MATE PRO ANCHOR	STAINLESS STEEL	
15	ALUMINUM ANGLE 2" x 1 1/2" x 1/8" x 4" Long.	ALUMINUM ALLOY 6061-T5	
16	1/4" x 20 FLANGE WING NUT	STAINLESS STEEL	
17	1/4" x 20 x 3/4" Self Drilling Screw	STAINLESS STEEL	
18	5/16" DIAM. STEEL ROD	STAINLESS STEEL	



18 5/16" STEEL ROD



PRODUCT REVISED
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By: *Hely A. M...*
Miami Code Product Control

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DESCRIPTION 2017 FLORIDA BUILDING CODE (FBC) 6TH EDITION 2020 FLORIDA BUILDING CODE (FBC) 7TH EDITION	DATE 05-16-2018 06-14-2021	DRAWN: YTS CHECKED: OYS SCALE: AS NOTED DATE: 12-16-16	PREPARED BY OSCAR YAMIR SOUFFRONT, P.E. 2942 SW 156th AVENUE MIAMI, FL 33185 FLORIDA LICENSE No. 72462 CERTIFICATE OF AUTHORIZATION No. 29897
DRAWING No. SCG0509-16		SHEET 110F 11	