



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

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

QuikServ Corp.
11441 Brittmoore Park Drive
Houston, TX 77041

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 Florida Building Code, including the High Velocity Hurricane Zone. -

DESCRIPTION: Series “Commercial Horizontal Sliding” Aluminum Pass-Through Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **23-146** (formerly **21-029**), titled “Commercial Pass-Thru Horizontal Sliding Windows – Large Missile Impact Resistant”, sheets 1 through 14 of 14, dated 07/28/23, with revision #1 dated 07/28/23, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, Jr., P.E., bearing the Miami-Dade County Product Control Renewal 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 unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and 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.

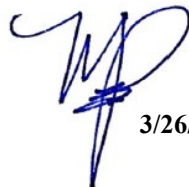
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

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 **renews NOA No. 23-0816.27** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




 3/26/24

NOA No. 24-0208.02
 Expiration Date: **March 25, 2025**
 Approval Date: **April 04, 2024**
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 08-1210.04)
2. Drawing No. **23-146** (formerly **21-029**) titled "Commercial Pass-Thru Horizontal Sliding Windows – Large Missile Impact Resistant", sheets 1 thru 14 of 14, dated 07/28/23, with revision # **1** dated 07/28/23, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, Jr., P.
(Submitted under NOA No. 23- 0816.27)

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Architectural Testing, Inc., Test Report No. **ATI-85482.01-801-18**, dated 12/01/08, signed and sealed by Joseph A. Reed, P.E.
(Submitted under NOA No. 08-1210.04)

C. CALCULATIONS

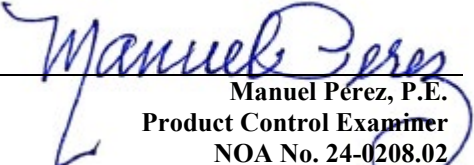
1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, prepared by Tilteco, Inc., dated 03/11/15, signed and sealed by Walter A. Tillit, P.E.
(Submitted under NOA No. 17-0731.03)
2. Glazing complies with **ASTM E1300-04/09**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **22-1130.05** issued to **Eastman Chemical Company (MA)** for their "**Saflex Storm - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 01/26/23, expiring on 12/11/28.
2. Material Safety Data Sheet of **MSDS-17 High Density Polyethylene**, dated 09/11/08 and issued by Quadrant Engineering Plastic Products USA, Inc., the latest revision dated 09/01/10 by M. Lykins.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 24-0208.02
Expiration Date: March 25, 2025
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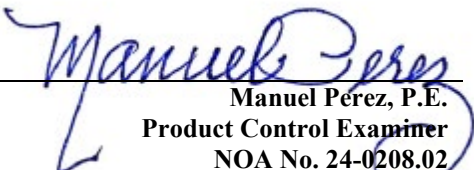
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's (CONTINUED)
F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 7th Edition (2020)** and with **FBC 8th Edition (2023)**, dated July 28, 2023, issued by Tilteco, Inc., signed and sealed by Walter A. Tillit, Jr, P.E.
(Submitted under NOA No. 23-0816.27)
2. Department of State Certification of QuikServ Corporation as a foreign profit corporation, active and organized under the laws of the State of Florida, dated 01/13/15 and e-filed by the Secretary of State.
(Submitted under NOA No. 15-0316.03)
3. Department of State Certification of QuikServ Corp. as a For-Profit Corporation, active and organized under the laws of the State of Texas, dated 01/07/14 and e-filed by the Secretary of State.
(Submitted under NOA No. 13-1203.09)
4. Statement letter of no financial interest, dated 08/05/13, signed and sealed by Walter A. Tillit, P.E.
(Submitted under NOA No. 08-1210.04)
5. Department of State Certification of QuikServ Corp. as a For-Profit Corporation, active and organized under the laws of the State of Texas, dated 07/15/08, filed and signed by Phil Wilson, Secretary of State.
(Submitted under NOA No. 08-1210.04)
6. Laboratory addendum letter for Test Report No. **ATI-85482.01-801-18**, issued by Architectural Testing, Inc., dated 02/16/09, signed and sealed by Joseph A. Reed, P.E.
(Submitted under NOA No. 08-1210.04)
7. Laboratory compliance letter for Test Report No. **ATI-85482.01-801-18**, issued by Architectural Testing, Inc., dated 12/05/08, signed and sealed by Joseph A. Reed, P.E.
(Submitted under NOA No. 08-1210.04)

G. OTHERS

1. Notice of Acceptance No. **21-0205.09**, issued to QuikServ Corp. for their Series "Commercial" Aluminum Pass-Through Horizontal Sliding Window – L.M.I.", approved on 05/06/21 and expiring on 03/25/24.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 24-0208.02
Expiration Date: March 25, 2025
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

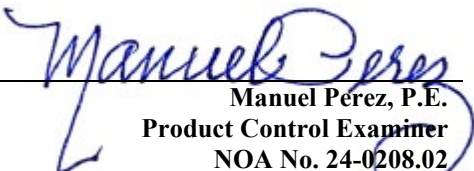
1. Notice of Acceptance No. **23-0713.21** issued to **Eastman Chemical Company (MA)** for their “**Saflex Storm - Saflex and Saflex HP Composite Glass Interlayers with PET Core**” dated 08/17/23, expiring on 12/11/28.

F. STATEMENTS

1. Letter from manufacturer requesting a 1-year extension to allow time to perform verification test, dated March 15, 2024, signed by Ken Moore, Quality and Engineering Manager.
2. Testing agreement letter dated March 21, 2024 between Intertek, Architectural Testing, Inc. and QuikServ Corp., issued by Architectural Testing, Inc. and signed by Cassandra Mathews, Regional Administrative Manager.

G. OTHERS

1. Notice of Acceptance No. **23-0816.27**, issued to QuikServ Corp. for their Series “Commercial” Aluminum Pass-Through Horizontal Sliding Window – L.M.I.”, approved on 09/07/23 and expiring on 03/25/24.
2. This is a one-year approval, subjected to successful verification test, the final approval will be issued for a total of 5 years.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 24-0208.02
Expiration Date: March 25, 2025
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GENERAL NOTES:

1. COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS, LARGE MISSILE IMPACT RESISTANT, SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAVE BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2020 (7th EDITION) AND 2023 (8th EDITION) OF THE FLORIDA BUILDING CODE. COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS, LARGE MISSILE IMPACT RESISTANT, MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES.

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE, USING ASCE 7-16 (FBC 2020) AND ASCE 7-22 (FBC 2023) SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2. IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-16 AND ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2.

IN ORDER TO VERIFY THAT ANCHORS ON THIS P.A.D., AS TESTED, WERE NOT OVERSTRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS **NOT** USED IN THEIR ANALYSIS. FASTENERS SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH N.D.S. 2018. THESE COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS' ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203 PROTOCOLS, PER A.T.I. LAB REPORT #85482.01-801-18 AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTION 1616 OF THE FLORIDA BUILDING CODE.

2. MAX. A.S.D. DESIGN PRESSURE RATING FOR THESE COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS IS: + 70, - 80 P.S.F.

3. THESE COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE ON INSTALLATIONS UP TO 30 FEET ABOVE GRADE.

4. THESE COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS ARE APPROVED FOR AIR AND WATER INFILTRATION.

5. ALL COMPONENTS SHALL BE AS INDICATED ON BILL OF MATERIALS ON SHEET 14 AND COMPONENTS DESCRIPTION ON SHEETS 10, 11 & 12.

6. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST BE SOUTHERN PINE, G = 0.55.

7. ALL ALUMINUM IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE 2015 AND 2020 ALUMINUM DESIGN MANUAL.

8. ANCHOR NOTES: EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH.
 (A) TO EXISTING POURED CONCRETE: (MIN. $f'_c = 3000$ PSI), MIN. EDGE DISTANCE (E.D.) = 3".
 - 1/4"Ø TAPCON ANCHORS W/ 1" MIN. EMBEDMENT, AS MANUFACTURED BY ITW/BUILDEX, INC., THRU 1" P.T. WOOD BUCK (IF APPLICABLE).

(B) TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK WALL. MIN. EDGE DISTANCE (E.D.) = 2".
 - 1/4"Ø TAPCON ANCHORS W/ 1" MIN. EMBEDMENT, AS MANUFACTURED BY ITW/BUILDEX, INC., THRU 1" P.T. WOOD BUCK (IF APPLICABLE).

(C) TO EXISTING DOUBLE 2x P.T. WOOD BUCK. MIN. EDGE DISTANCE (E.D.) = 1".
 - 1/4"Ø WOOD SCREWS W/ 3" MIN. THREADED PENETRATION, TO COMPLY W/ NDS 2015.

(D) TO EXISTING MIN. 1/8" THICK ALUMINUM TUBE (6063-T5 ALLOY) MIN. EDGE DISTANCE (E.D.) = 1/2".
 - 1/4"Ø TEK SCREWS, AS MANUFACTURED BY ITW/BUILDEX, INC.

(E) TO EXISTING MIN. 18 GAGE STEEL MEMBER (ASTM A-500, A-653 OR A-36) MIN. EDGE DISTANCE (E.D.) = 1/2".
 - 1/4"Ø TEK SCREWS, AS MANUFACTURED BY ITW/BUILDEX, INC.

9. PROVIDE 1/4" MAX. LOAD BEARING SHIM, WHEN ALLOWED BY THIS DRAWING.

10. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1709.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.

11. (a) THIS P.A.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.

(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.A.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS P.A.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. ENGINEER OF RECORD, ACTING AS DELEGATED ENGINEER TO THE P.A.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.

(e) ORIGINAL P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

SHEET #	TABLE OF CONTENTS
	DESCRIPTION
1	GENERAL NOTES
2	IMPACT WINDOWS EXTERIOR ELEVATIONS
3	SS-4035E-IP WINDOW TYPE 1 (XO)
4	SC-4030-IP WINDOW TYPE 2 (XO)
5	SC-3030-IP WINDOW TYPE 3 (XO)
6	GLAZING DETAILS
7	DOOR - HEADER & SILL CONNECTIONS
8	ANCHOR INSTALLATION / LAYOUT
9	ANCHOR SCHEDULE
10	STEEL ASSEMBLY COMPONENTS
11	ALUMINUM EXTRUSIONS COMPONENTS
12	ASSEMBLY COMPONENTS (CONTINUED)
13	SASH INSTALLATION DETAILS
14	BILL OF MATERIALS

PRODUCT RENEWED
 As complying with the Florida Building Code
 NOA-No. **24-0208.02**
 Expiration Date: **03/25/2025**
 By: *Manuel Perez*
 Miami-Dade Product Control

PRODUCT REVISED
 As complying with the Florida Building Code
 NOA-No. **23-0816.27**
 Expiration Date: **03/25/2024**
 By: *Manuel Perez*
 Miami-Dade Product Control
 MIAMI DADE COUNTY

THIS DRAWING SHALL ONLY BE USED TO OBTAIN PERMITS IN THE STATE OF FLORIDA

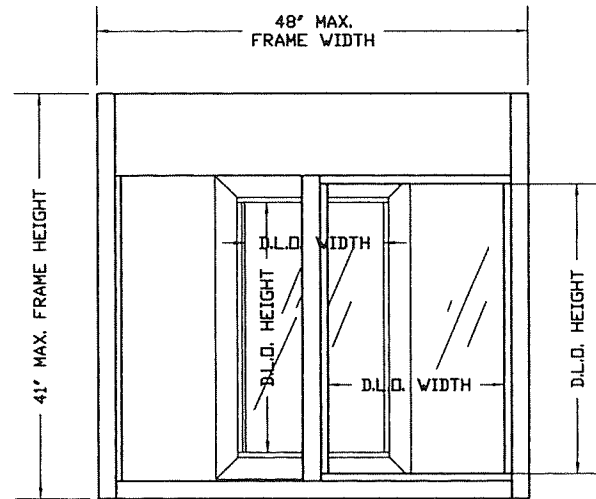
WALTER A. TILLIT JR.
 LICENSE
 No. 44167
 STATE OF FLORIDA
 7/28/2023
 P.E. SEAL/SIGNATURE/DATE

© 2023 TILTECO INC.
TILTECO INC.
 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone : (305)871-1530 . Fax : (305)871-1531
 e-mail: titeco@aol.com
 CA-0006719
 WALTER A. TILLIT Jr. P.E.
 FLORIDA Lic. # 44167

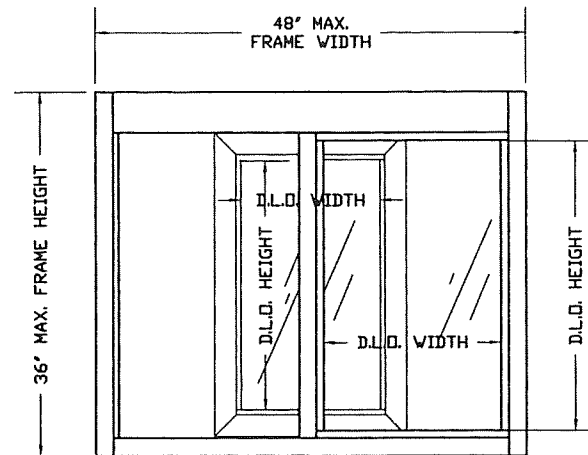
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS LARGE MISSILE IMPACT RESISTANT		DRAWN BY Y.M.	
QUIKSERV CORP.		7/28/2023 DATE	
11441 BRITTMORE PARK DRIVE, HOUSTON, TEXAS 77041		23-146	
PHONE: (713) 937-3437 FAX: (713) 937-9765		DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No
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2			4
		SHEET 1 OF 14	

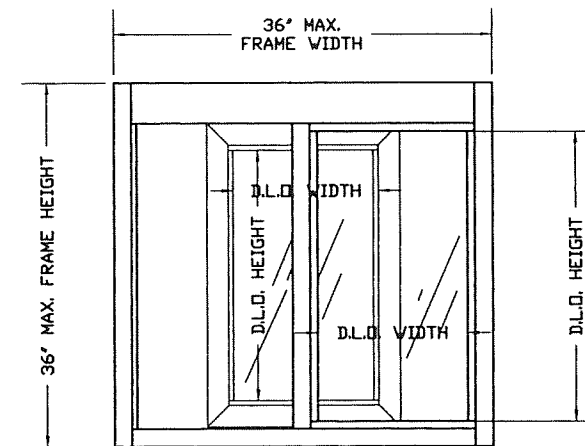
COMMERCIAL PASS-THRU WINDOWS LARGE MISSILE IMPACT RESISTANT EXTERIOR ELEVATIONS



**SS-4035E-IP
WINDOW TYPE 1 (XO)
N.T.S.**



**SC-4030-IP
WINDOW TYPE 2 (XO)
N.T.S.**



**SC-3030-IP
WINDOW TYPE 3 (XO)
N.T.S.**

MODEL	WINDOW TYPE	ACTUAL FRAME MAX. DIMENSION	MAX. D.L.O. DIMENSIONS	GLAZING TYPE
SS-4035E-IP	1	48"(W) X 41"(H)	(X) 16-3/4"(W) X 24"(H) (O) 19-1/2"(W) X 28"(H)	SEE PAGE 6 OF 14
SC-4030-IP	2	48"(W) X 36"(H)	(X) 16-3/4"(W) X 24"(H) (O) 19-1/2"(W) X 28"(H)	
SC-3030-IP	3	36"(W) X 36"(H)	(X) 11"(W) X 24"(H) (O) 15-1/2"(W) X 28"(H)	

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MIAMI DADE COUNTY

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
7/28/2023
P.E. SEAL/SIGNATURE/DATE

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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 39th St., Ste. 305, VIRGINIA GARDENS, FL 33168
Phone : (305)871-1530 . Fax : (305)871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

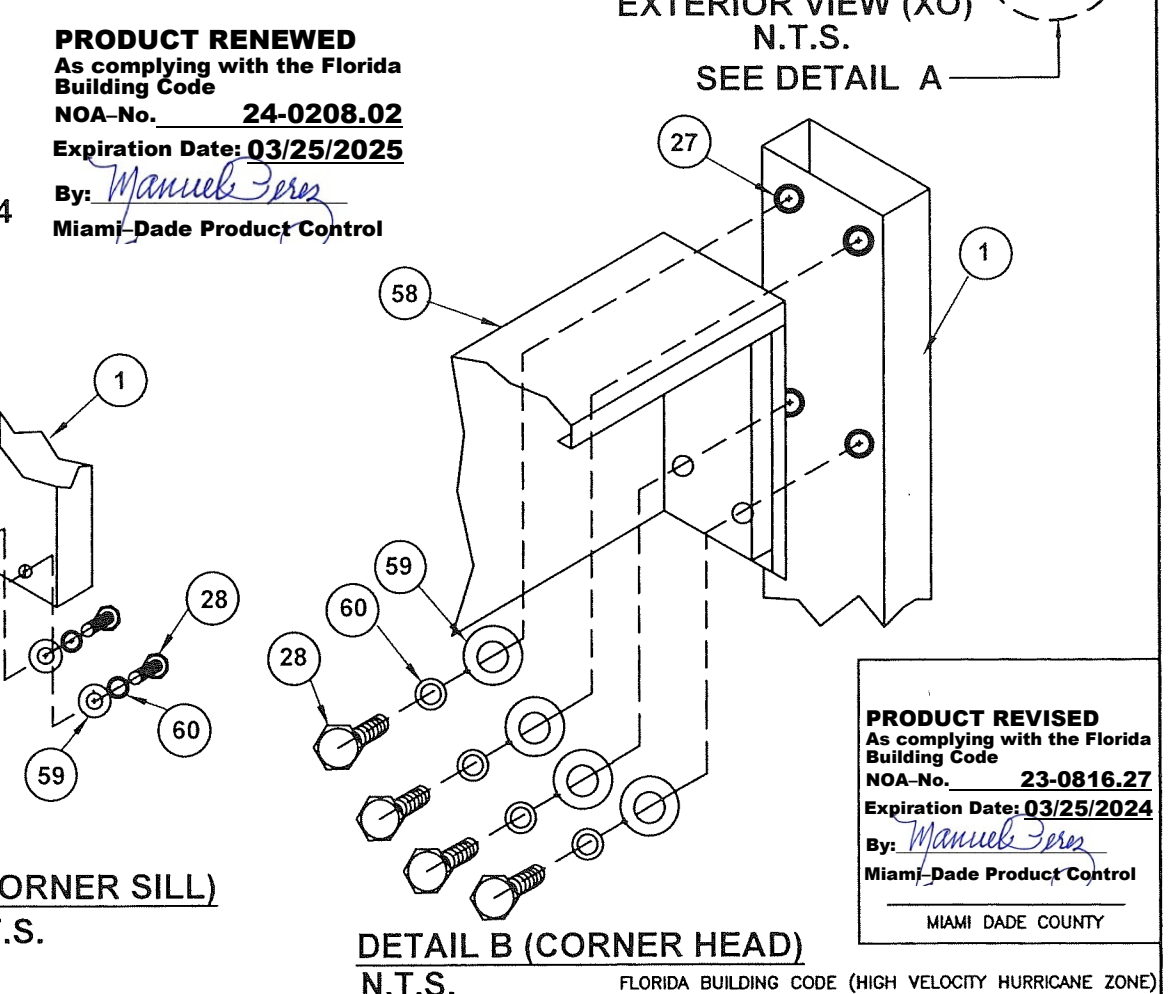
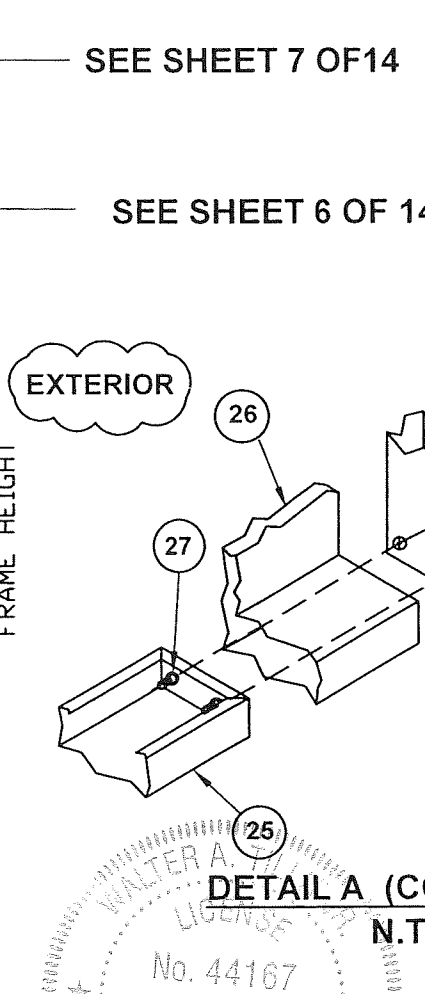
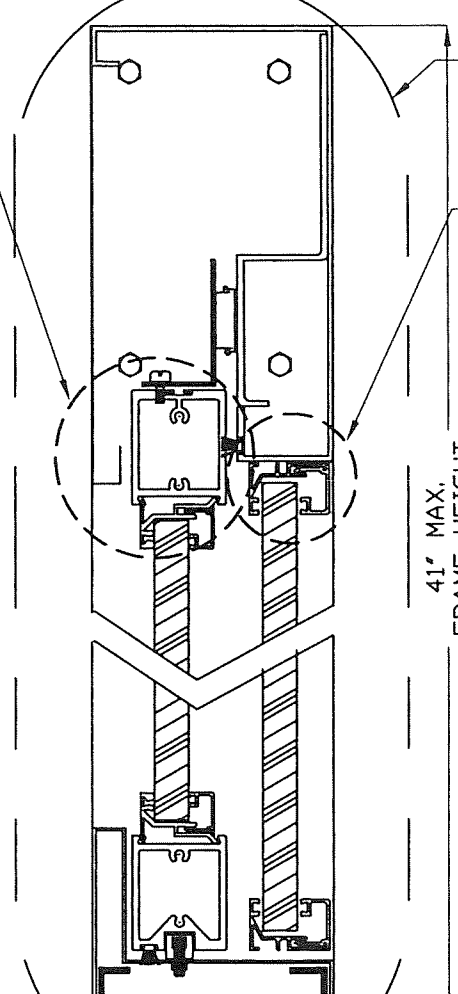
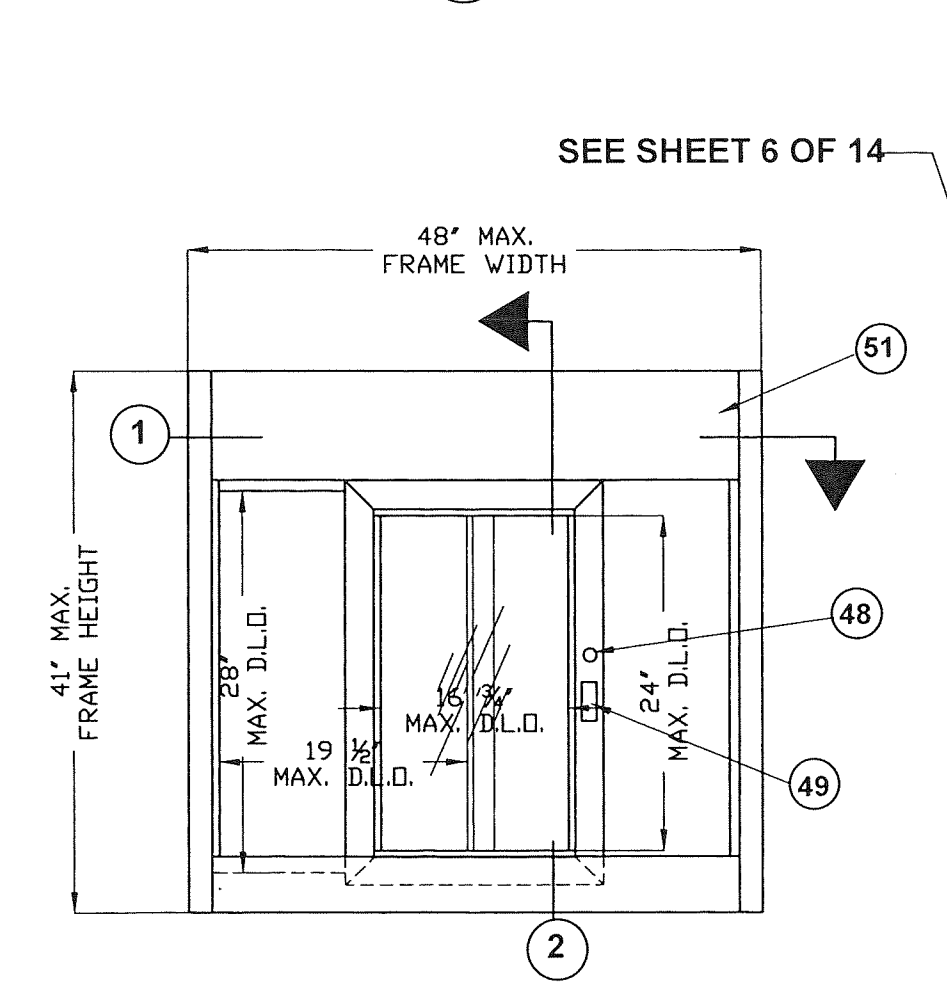
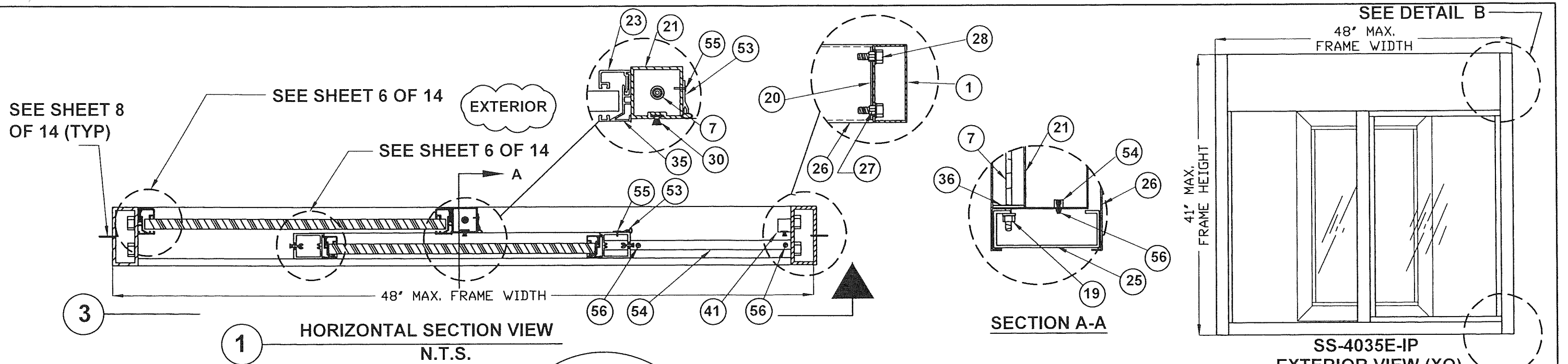
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

COMMERCIAL PASS-THRU HORIZONTAL SLIDING
WINDOWS LARGE MISSILE IMPACT RESISTANT

QUIKSERV CORP.
11441 BRITTMORE PARK DRIVE,
HOUSTON, TEXAS 77041
PHONE: (713) 937-3437 FAX: (713) 937-9765

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 21-029	7/28/23	3		
2			4		

DRAWN BY
Y.M.
7/28/2023
DATE
23-146
DRAWING No
SHEET 2 OF 14

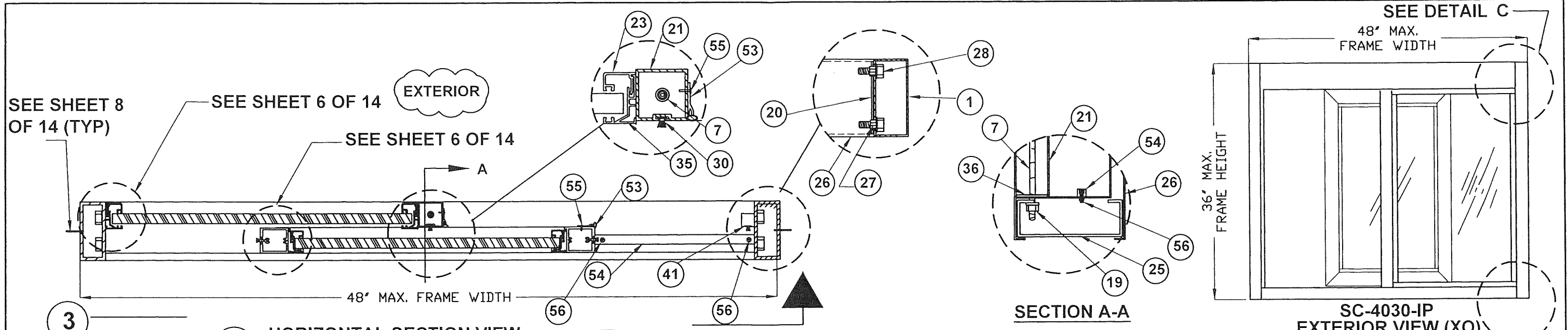


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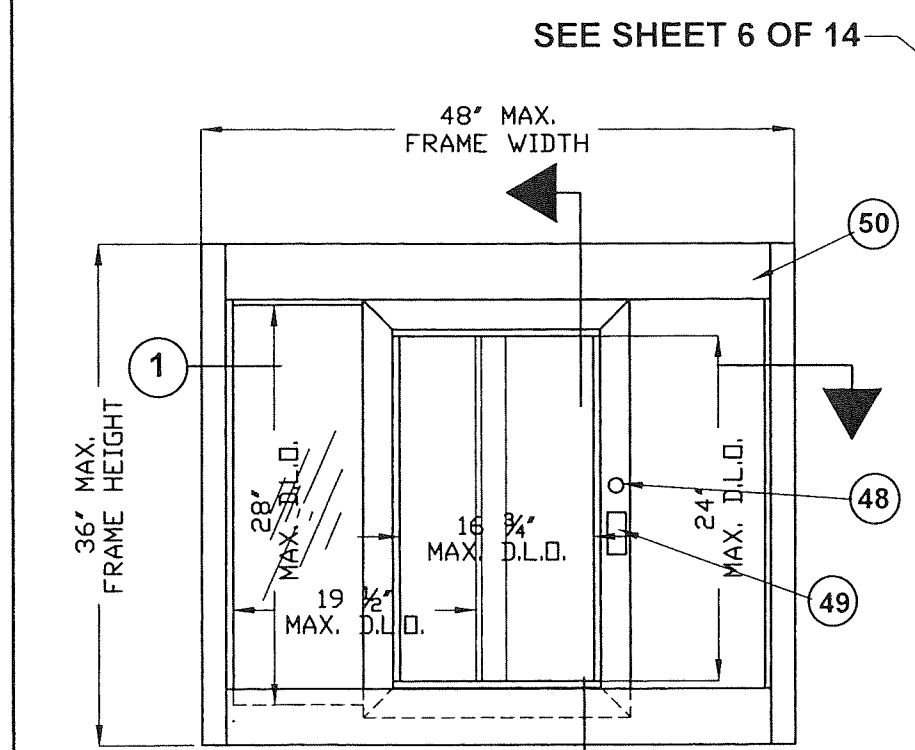
WINDOW TYPE 1 (XO)
SS-4035E-IP

		© 2023 TILTECO INC. TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 38th St., Ste. 3025, VEROBIA GARDENS, FL 33168 Phone: (305)871-1530 Fax: (305)871-1531 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT JR. P.E. FLORIDA Lic. # 44167	COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS LARGE MISSILE IMPACT RESISTANT QUIKSERV CORP. 11441 BRITTMORE PARK DRIVE, HOUSTON, TEXAS 77041 PHONE: (713) 937-3437 FAX: (713) 937-9765	DRAWN BY Y.M. 7/28/2023 DATE 23-146 DRAWING No SHEET 3 OF 14
REV. No 1 2	DESCRIPTION OLD 21-029	DATE 7/28/23	REV. No 3 4	DESCRIPTION DATE

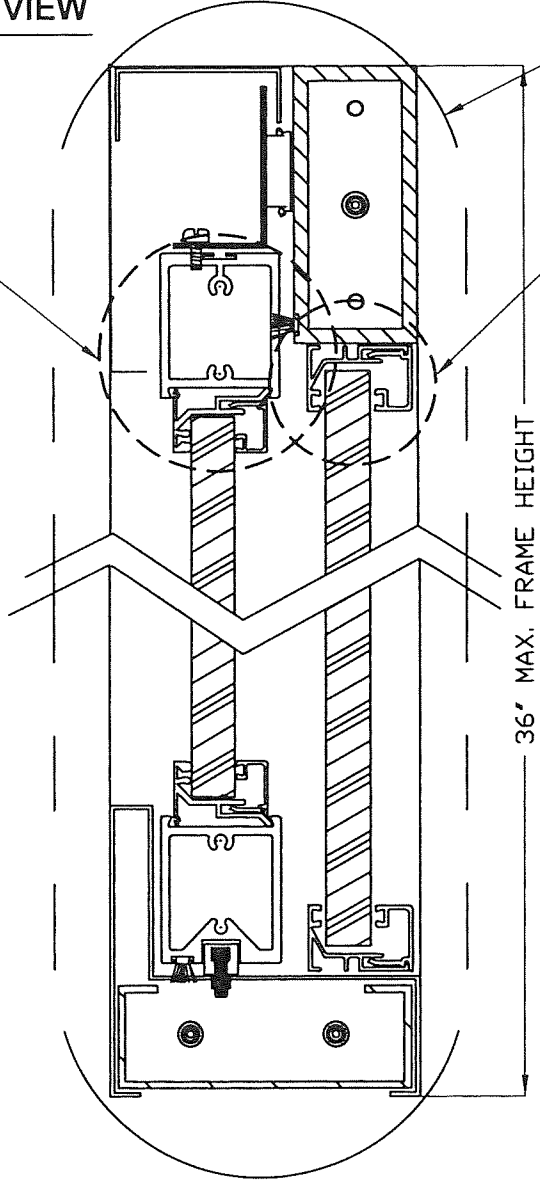


1 HORIZONTAL SECTION VIEW N.T.S.

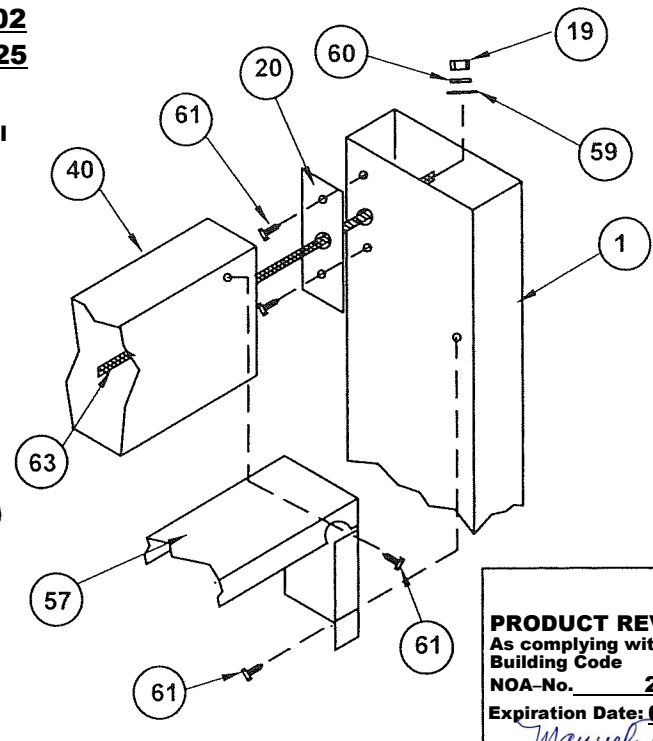
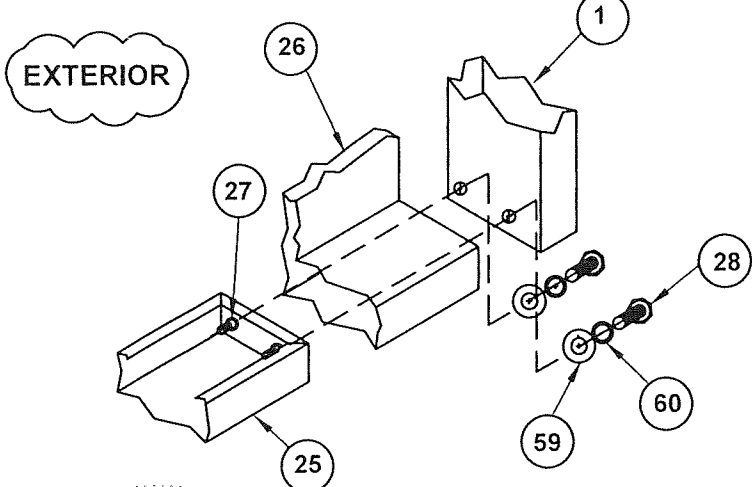
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3 INTERIOR VIEW N.T.S.



2 VERTICAL SECTION VIEW N.T.S.



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 MIAMI DADE COUNTY

WINDOW TYPE 2 (XO)
SC-4030-IP

WALTER A. TILLIT JR.
 LICENSE
 No. 44167
 STATE OF FLORIDA
 7/28/2023
 P.E. SEAL/SIGNATURE/DATE

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 TILLIT TESTING & ENGINEERING COMPANY
 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33168
 Phone : (305)871-1530 . Fax : (305)871-1531
 e-mail: tilteco@aol.com
 CA-0006719
 WALTER A. TILLIT JR. P.E.
 FLORIDA Lic. # 44167

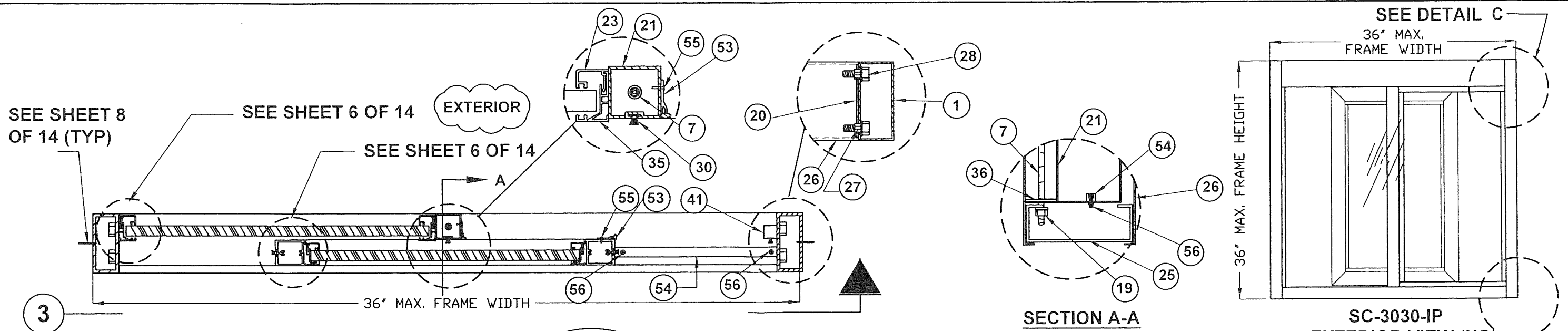
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS LARGE MISSILE IMPACT RESISTANT

QUIKSERV CORP.
 11441 BRITTMORE PARK DRIVE,
 HOUSTON, TEXAS 77041
 PHONE: (713) 937-3437 FAX: (713) 937-9765

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 21-029	7/28/23	3		
2			4		

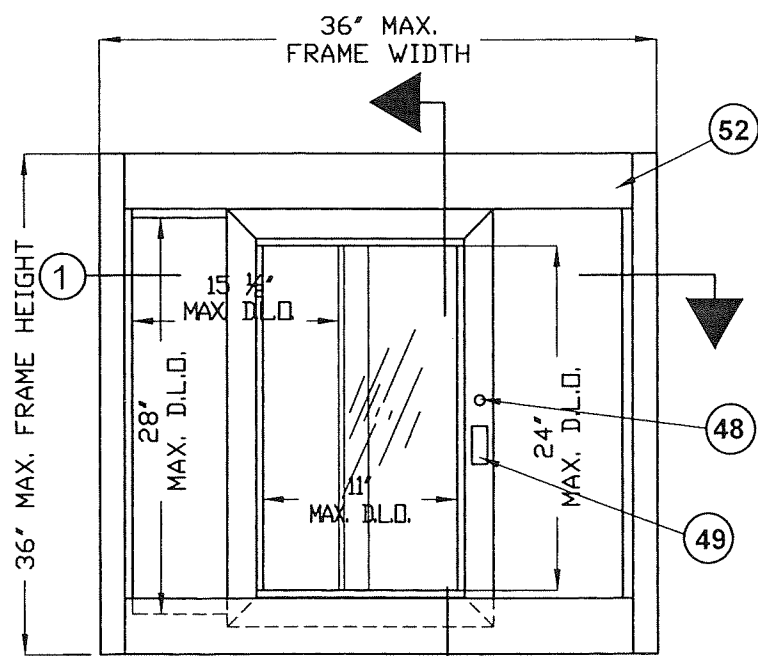
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 7/28/2023 DATE
23-146
 DRAWING No
 SHEET 4 OF 14



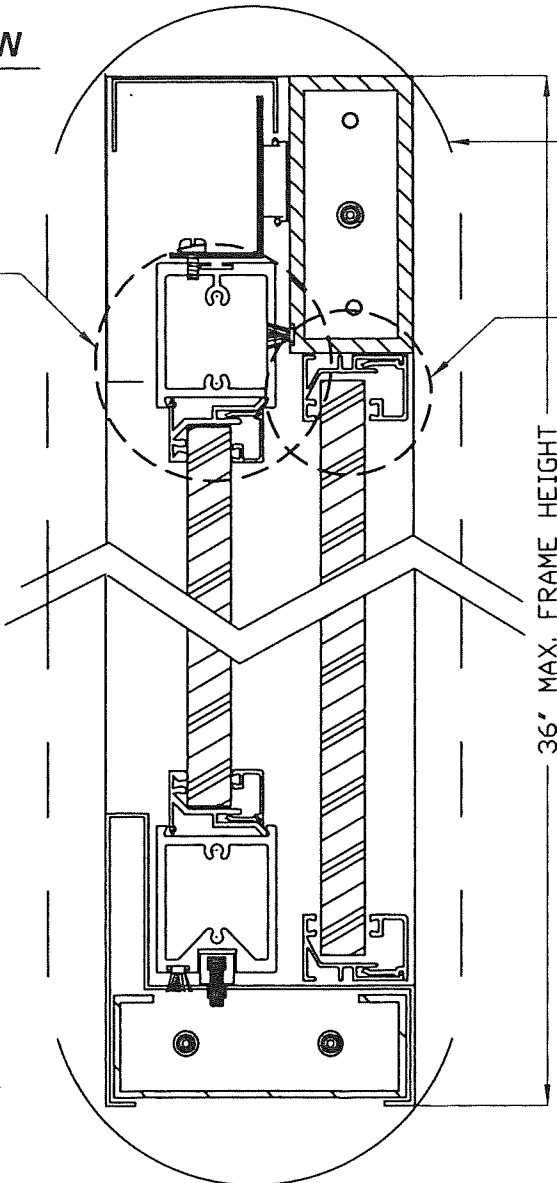
1 HORIZONTAL SECTION VIEW
N.T.S.

SC-3030-IP
EXTERIOR VIEW (XO)
N.T.S.
SEE DETAIL A

PRODUCT RENEWED
As complying with the Florida
Building Code
NOA-No. **24-0208.02**
Expiration Date: **03/25/2025**
By: *Manuel Perez*
Miami-Dade Product Control

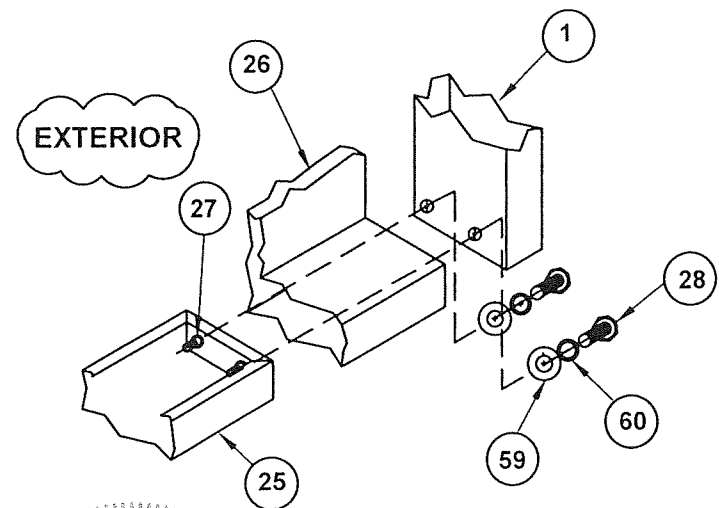


3 INTERIOR VIEW
N.T.S.

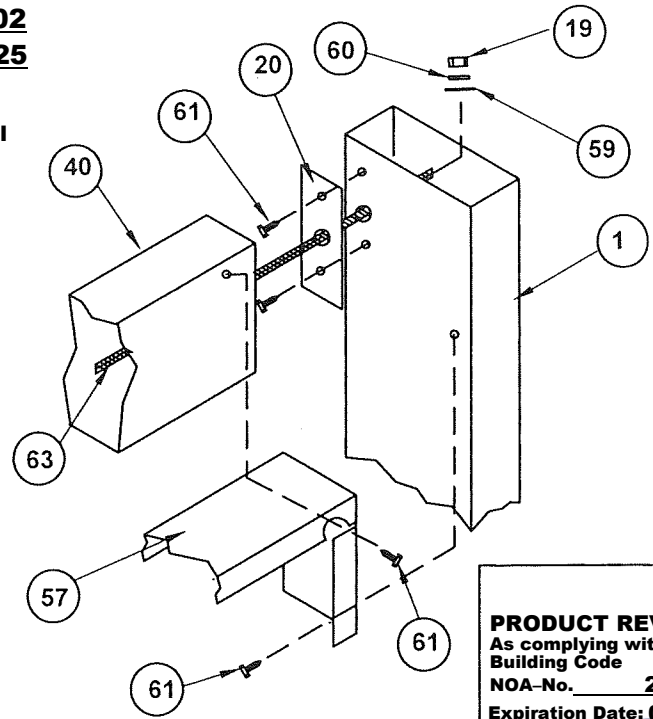


2 VERTICAL SECTION
VIEW N.T.S.

SEE SHEET 7 OF 14
SEE SHEET 6 OF 14



DETAIL A (CORNER SILL)
N.T.S.



DETAIL C (CORNER HEAD)
N.T.S.

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-0816.27**
Expiration Date: **03/25/2024**
By: *Manuel Perez*
Miami-Dade Product Control
MIAMI DADE COUNTY

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

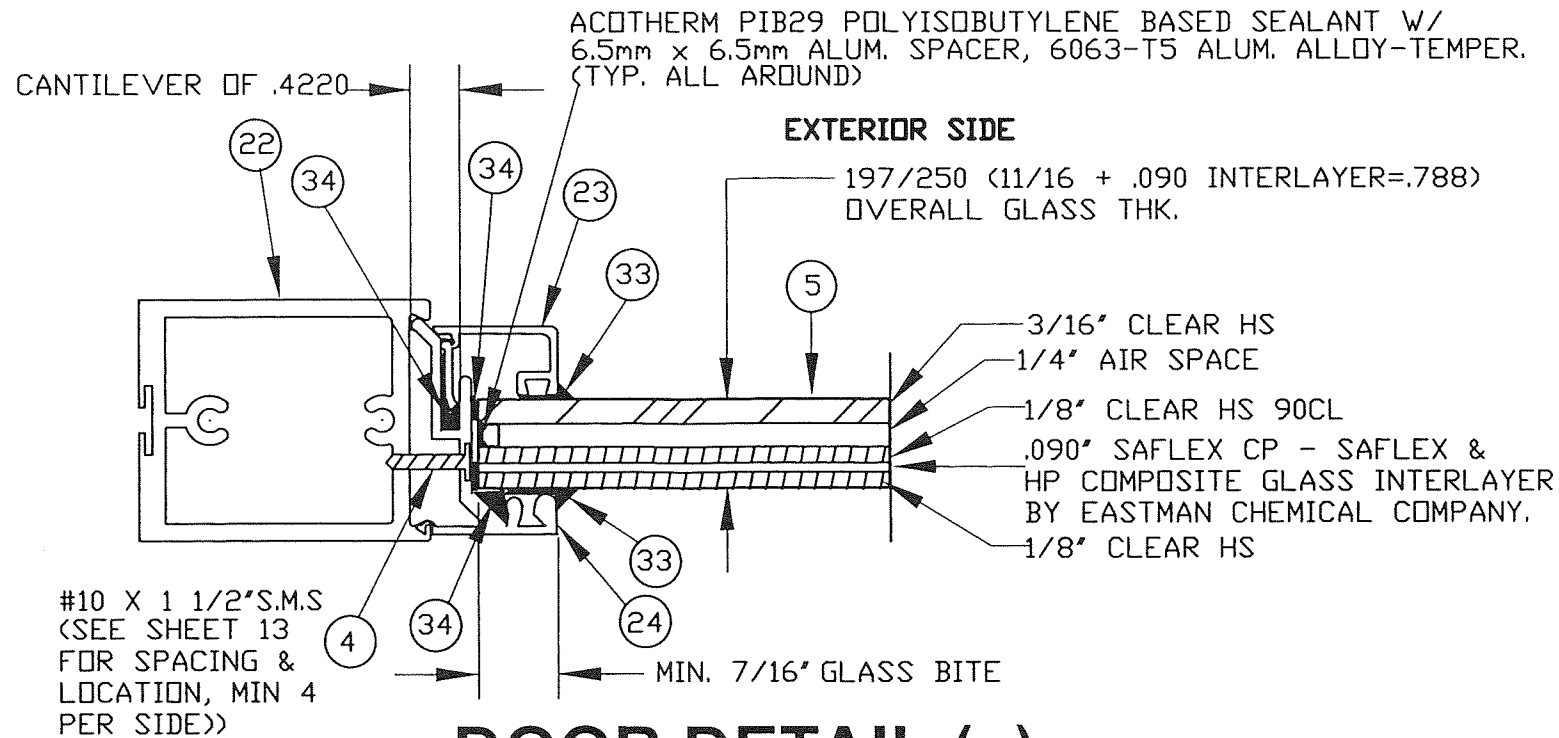
WINDOW TYPE 3 (XO)
SC-3030-IP

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF
FLORIDA
7/28/2023
P.E. SEAL/SIGNATURE/DATE

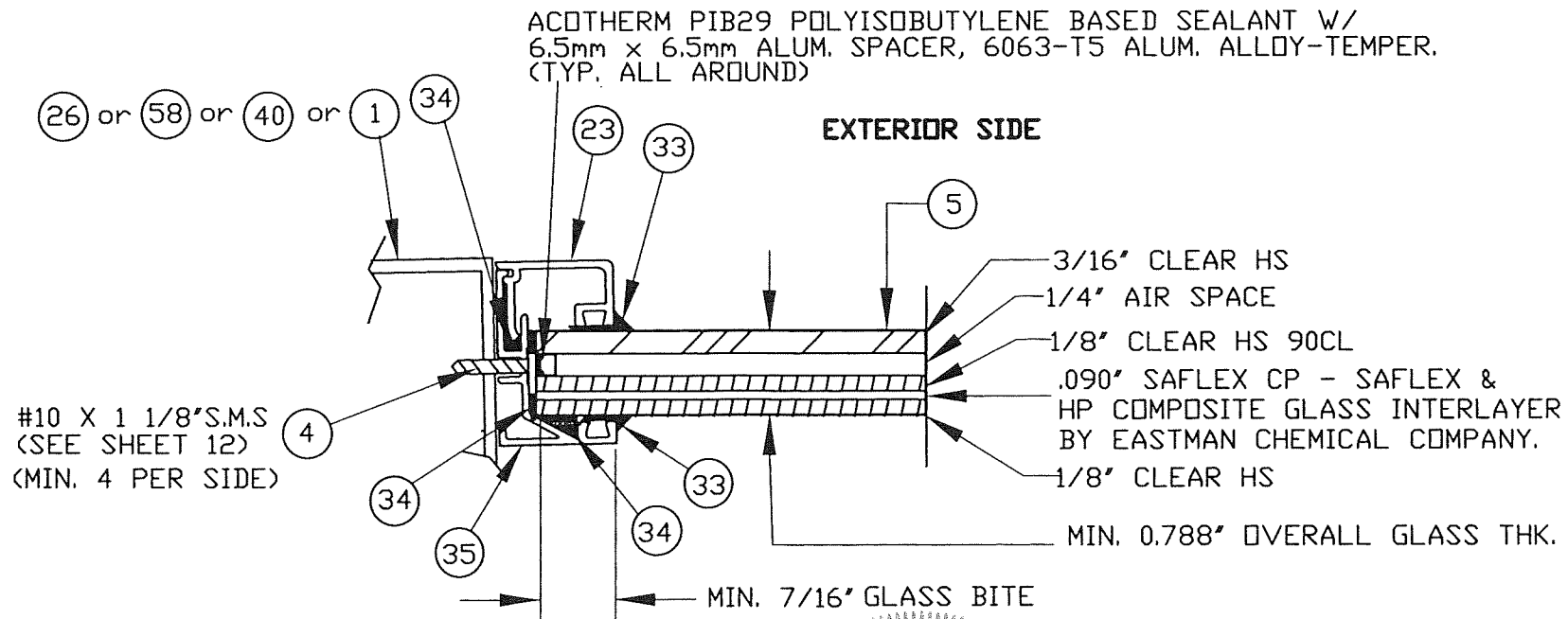
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QUIKSERV CORP.					
11441 BRITTMORE PARK DRIVE, HOUSTON, TEXAS 77041					
PHONE: (713) 937-3437 FAX: (713) 937-0785					
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23-146
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SHEET 5 OF 14



DOOR DETAIL (x)



SIDELITE DETAIL (o)

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As complying with the Florida
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NOA-No. 24-0208.02
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Miami-Dade Product Control

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Building Code
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FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

5 INSULATED GLAZING DETAIL

No. 44167
STATE OF FLORIDA
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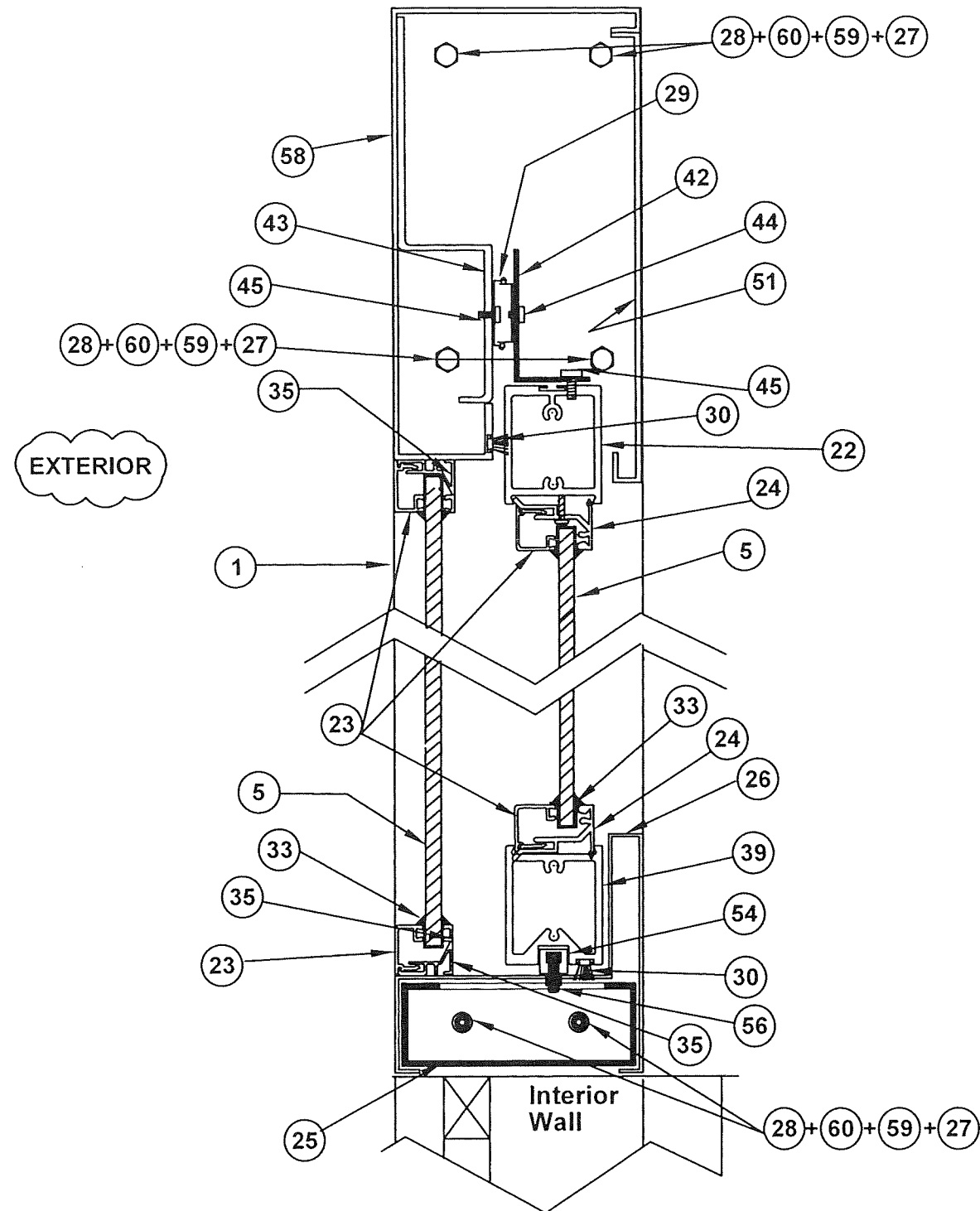
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		23-146 DRAWING No	
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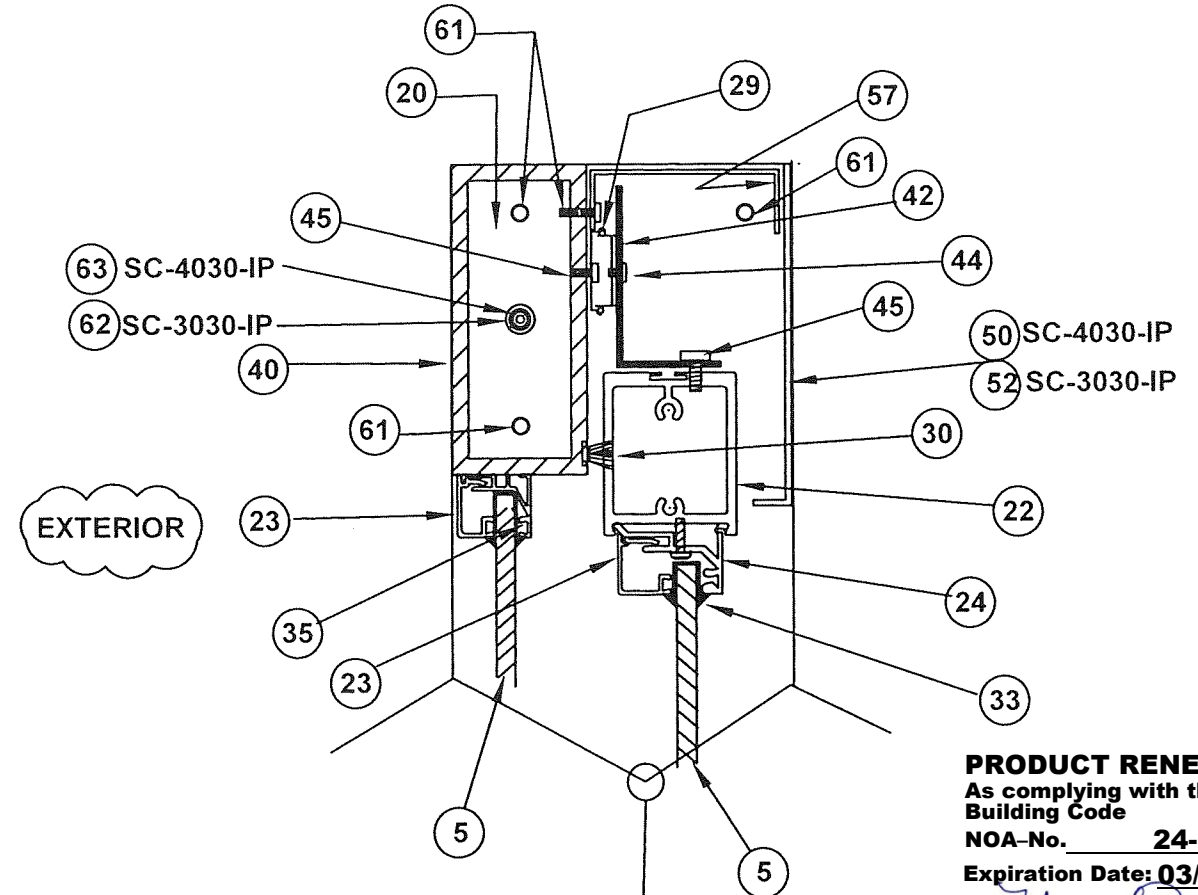
SHEET 6 OF 14

DOOR - HEADER CONNECTIONS

MODEL SS-4035E-IP TYPE 1 WINDOW, HEADER



MODEL SC-4030-IP TYPE 2 WINDOW, HEADER MODEL SC-3030-IP TYPE 3 WINDOW, HEADER



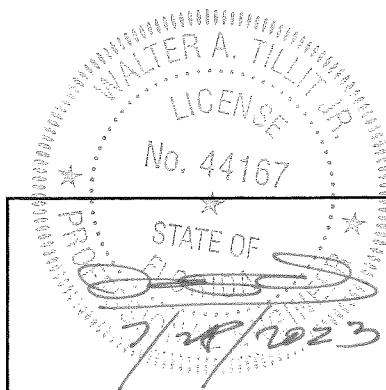
CONTINUED EQUAL TO WINDOW TYPE 1

PRODUCT RENEWED
As complying with the Florida Building Code
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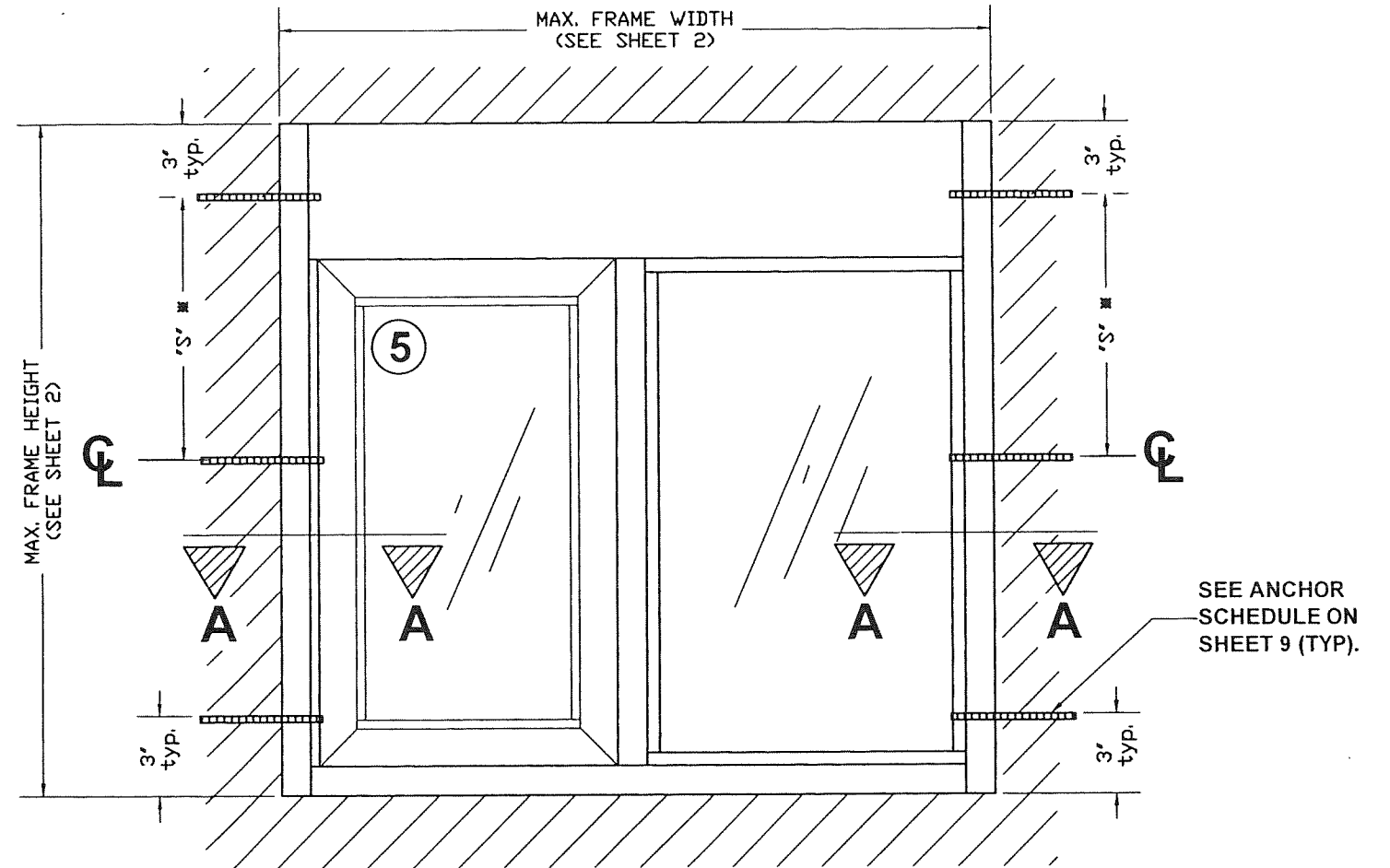
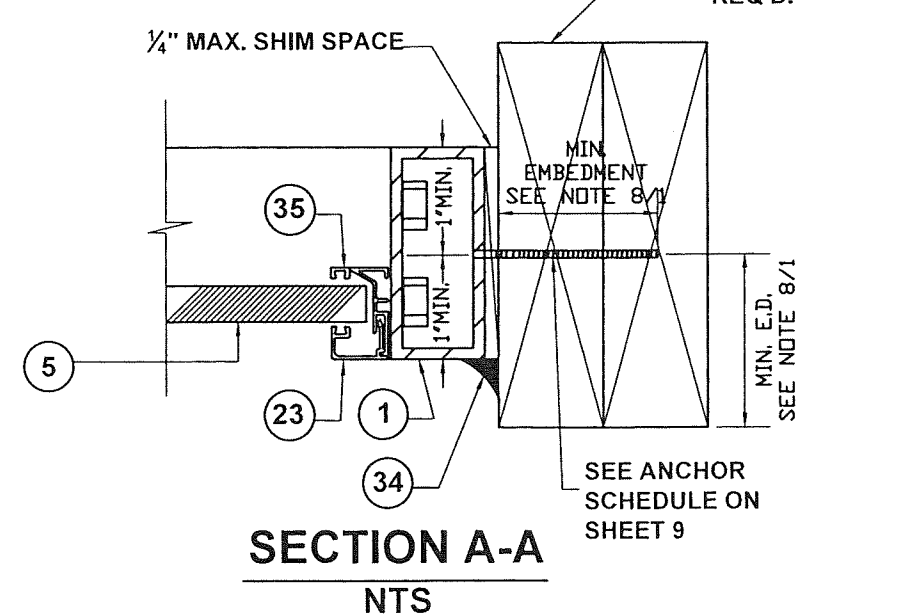
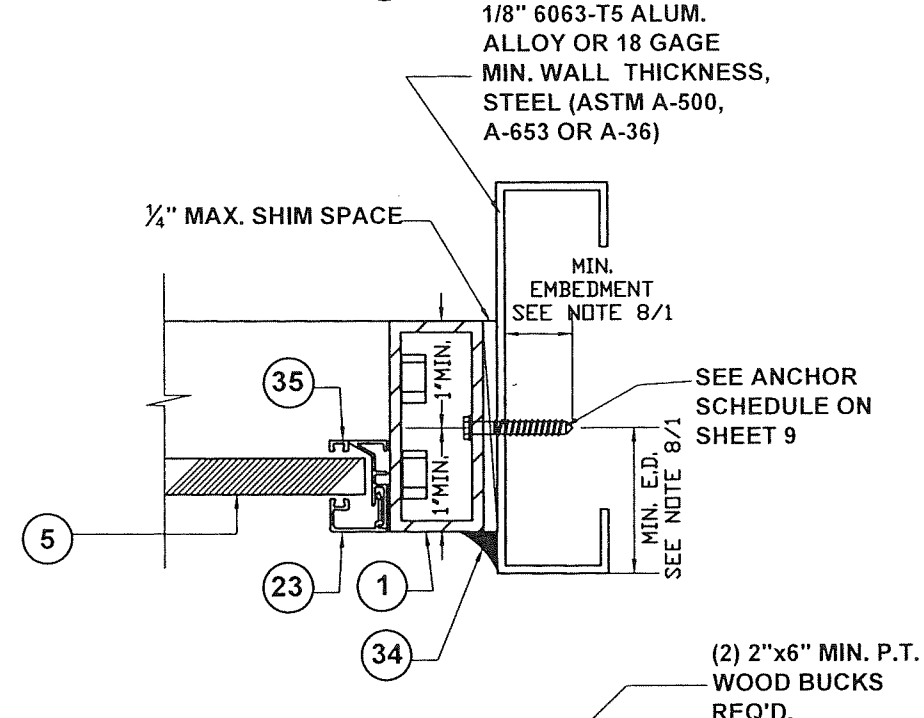
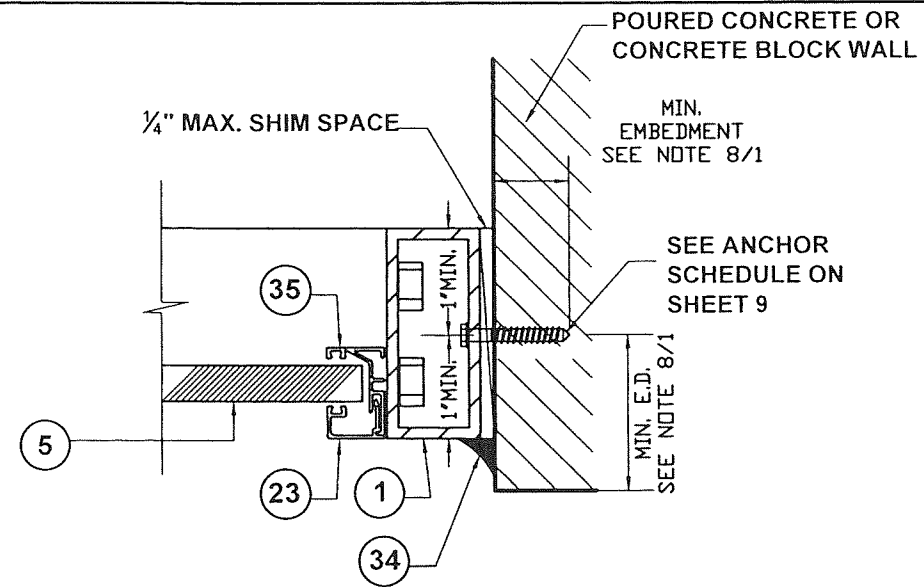
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DATE

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ANCHOR INSTALLATION AND LAYOUT



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TYPICAL FRAME ELEVATION NTS

* "S" = MAXIMUM SPACING
SEE SHEET 9.

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MIAMI DADE COUNTY

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF
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PHONE: (713) 937-3437 FAX: (713) 937-9785

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SHEET 8 OF 14

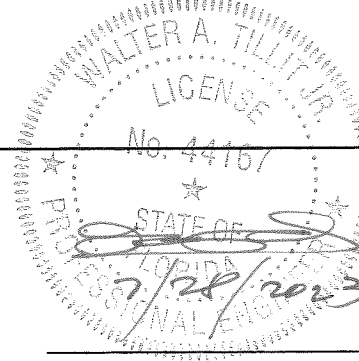
ANCHOR SCHEDULE


MAXIMUM ANCHOR SPACING "S" SCHEDULE AT JAMB			
DESIGN LOAD (PSF) NEGATIVE LOAD	SUBSTRATE	ANCHOR TYPE	MAX SPACING
50 OR LESS	POURED CONCRETE (SEE NOTE 8A/1)	1/4"Ø ITW BUILDEX TAPCON ANCHORS	16 1/2"
	CONCRETE BLOCK (SEE NOTE 8B/1)	1/4"Ø ITW BUILDEX TAPCON ANCHORS	16 1/2"
	ALUMINUM MEMBER (SEE NOTE 8D/1)	1/4"Ø ITW BUILDEX TEK SCREWS	17 1/2"
	STEEL MEMBER (SEE NOTE 8E/1)	1/4"Ø ITW BUILDEX TEK SCREWS	17 1/2"
	WOOD (SEE NOTE 8C/1)	1/4"Ø WOOD SCREWS (NDS)	17 1/2"
> 50 TO 70	POURED CONCRETE (SEE NOTE 8A/1)	1/4"Ø ITW BUILDEX TAPCON ANCHORS	11 1/2"
	CONCRETE BLOCK (SEE NOTE 8B/1)	1/4"Ø ITW BUILDEX TAPCON ANCHORS	11 1/2"
	ALUMINUM MEMBER (SEE NOTE 8D/1)	1/4"Ø ITW BUILDEX TEK SCREWS	16"
	STEEL MEMBER (SEE NOTE 8E/1)	1/4"Ø ITW BUILDEX TEK SCREWS	16"
	WOOD (SEE NOTE 8C/1)	1/4"Ø WOOD SCREWS (NDS)	13 1/2"
> 70 TO 80	POURED CONCRETE (SEE NOTE 8A/1)	1/4"Ø ITW BUILDEX TAPCON ANCHORS	10"
	CONCRETE BLOCK (SEE NOTE 8B/1)	1/4"Ø ITW BUILDEX TAPCON ANCHORS	10"
	ALUMINUM MEMBER (SEE NOTE 8D/1)	1/4"Ø ITW BUILDEX TEK SCREWS	14"
	STEEL MEMBER (SEE NOTE 8E/1)	1/4"Ø ITW BUILDEX TEK SCREWS	14"
	WOOD (SEE NOTE 8C/1)	1/4"Ø WOOD SCREWS (NDS)	11 1/2"

PRODUCT RENEWED
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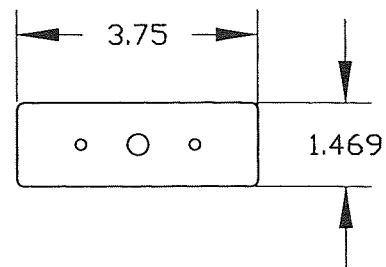
PRODUCT REVISED
As complying with the Florida
Building Code
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MIAMI DADE COUNTY

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

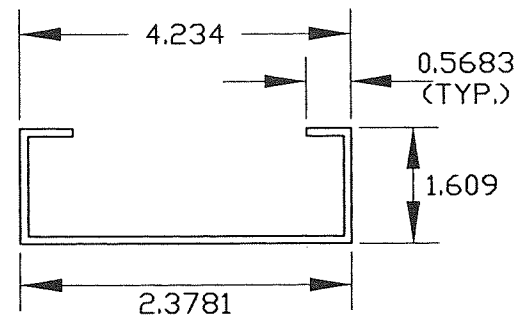

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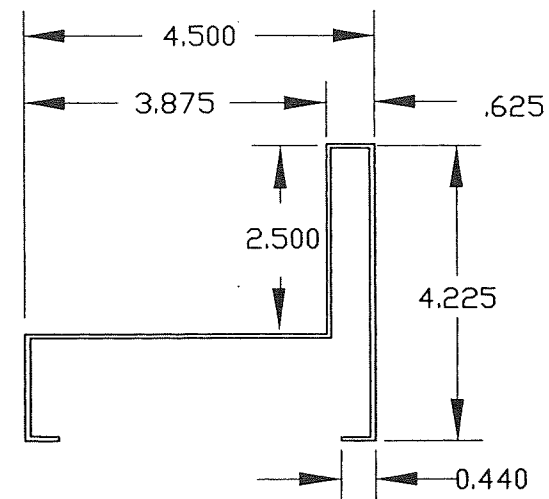
COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS LARGE MISSILE IMPACT RESISTANT		DRAWN BY Y.M.
QUIKSERV CORP.		7/28/2023 DATE
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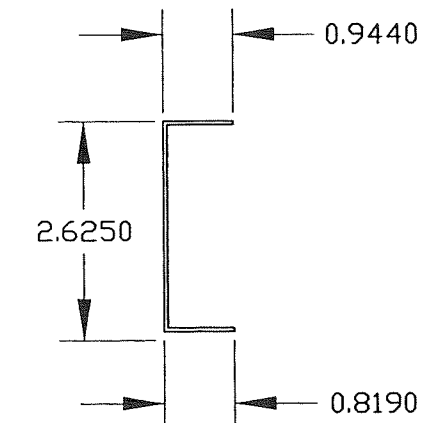
20 FRAMING PLATE
14 ga. ASTM A-653, CQ-GRADE 40
G-90 GALVANIZED STEEL
QUIKSERV RM# 3757



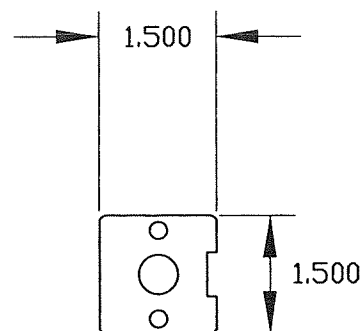
25 BASE BRACE
14 ga. ASTM A-653, CQ-GRADE 40
G-90 GALVANIZED STEEL
QUIKSERV RM# 3767



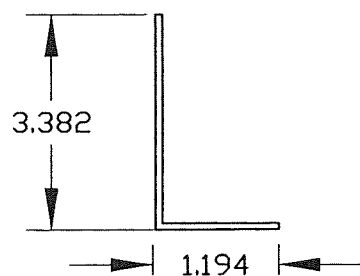
26 BASE
20 ga. 304 Stainless Steel
QUIKSERV RM# 3768



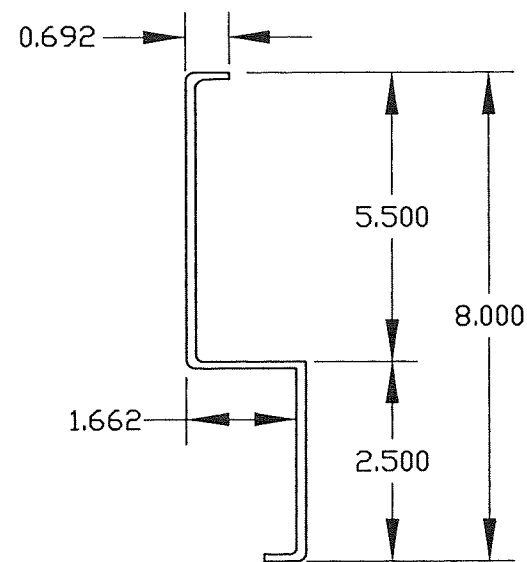
57 ACCESS COVER BRACKET
18 ga. ASTM A-653, CQ-GRADE 40
G-90 GALVANIZED STEEL



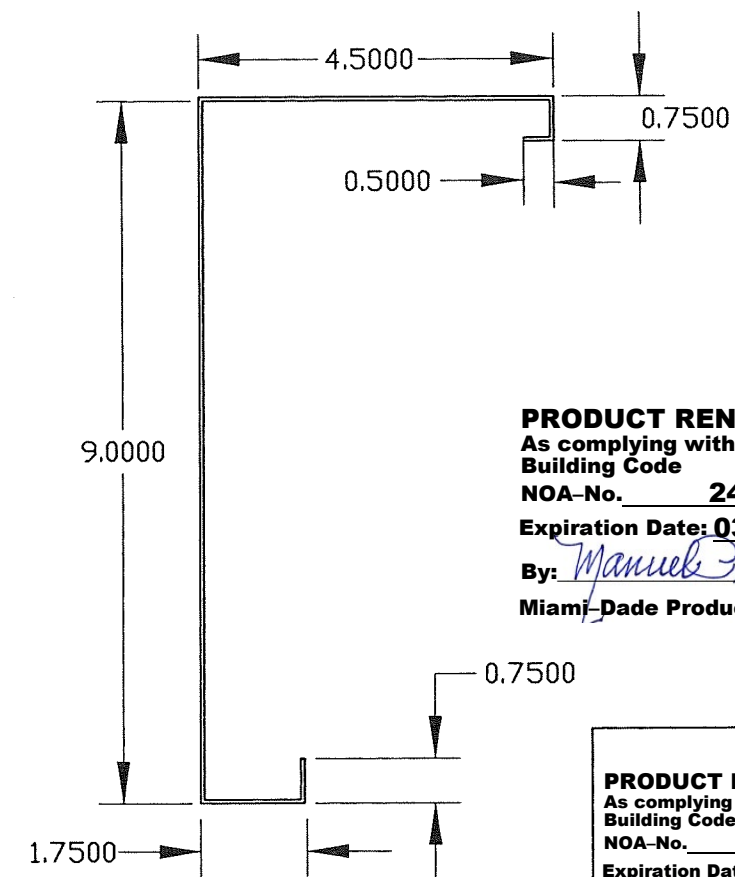
36 FRAMING PLATE
14 ga. ASTM A-653, CQ-GRADE 40
G-90 GALVANIZED STEEL
QUIKSERV RM# 3668



42 DOOR BRACKET
12 ga. ASTM A-653, CQ-GRADE 40
G-90 GALVANIZED STEEL
SIZE VARIES



43 HEADER BRACE
14 ga. ASTM A-653, CQ-GRADE 40
G-90 Galvanized Steel



58 EXTERIOR HEADER COVER
18 ga. 304 Stainless Steel

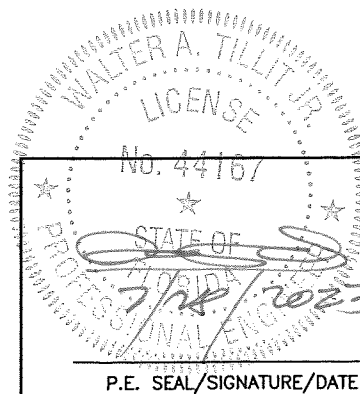
PRODUCT RENEWED
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NOA-No. **24-0208.02**
Expiration Date: **03/25/2025**
By: *Manuel Perez*
Miami-Dade Product Control

PRODUCT REVISED
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NOA-No. **23-0816.27**
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Miami-Dade Product Control

MIAMI DADE COUNTY

STEEL ASSEMBLY COMPONENTS

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

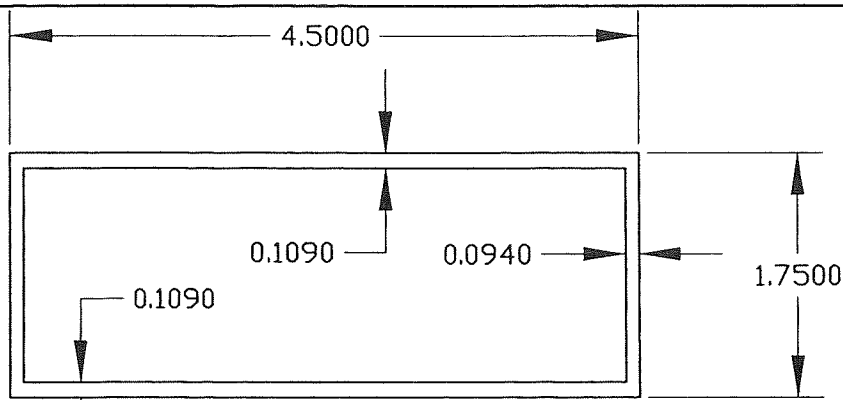


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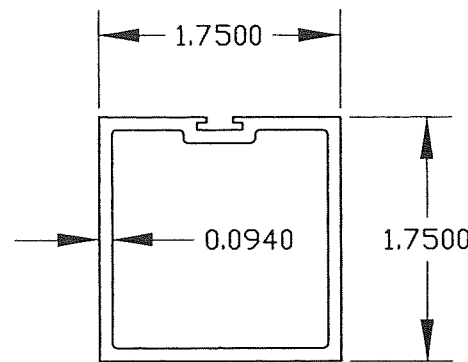
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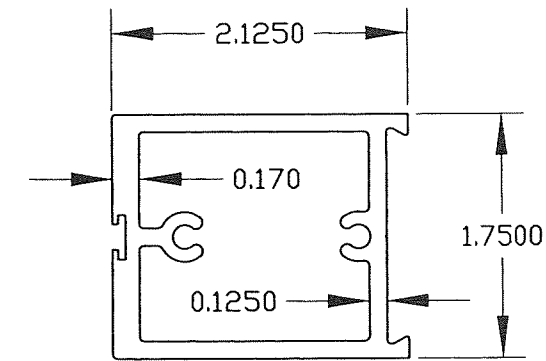
COMMERCIAL PASS-THRU HORIZONTAL SLIDING WINDOWS LARGE MISSILE IMPACT RESISTANT				DRAWN BY Y.M.
QUIKSERV CORP.				7/28/2023 DATE
11441 BRITTMORE PARK DRIVE, HOUSTON, TEXAS 77041				23-146 DRAWING No
PHONE: (713) 937-3437 FAX: (713) 937-9765				SHEET 10 OF 14
REV. No	DESCRIPTION	DATE	REV. No	DATE
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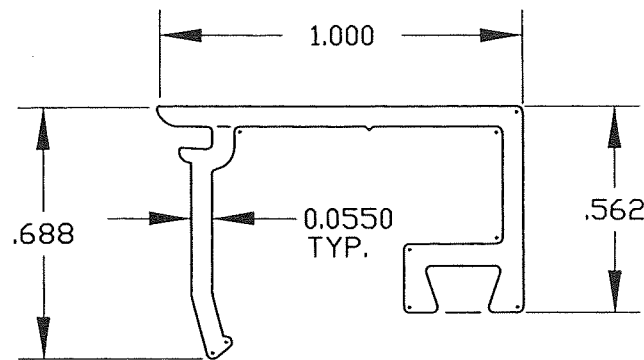
01 1-3/4" X 4-1/2" RECT. TUBE
QUIKSERV RM# 6026



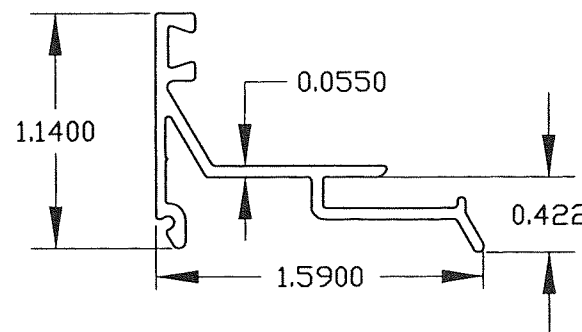
21 1-3/4" SQ. TUBE
QUIKSERV RM# 6049



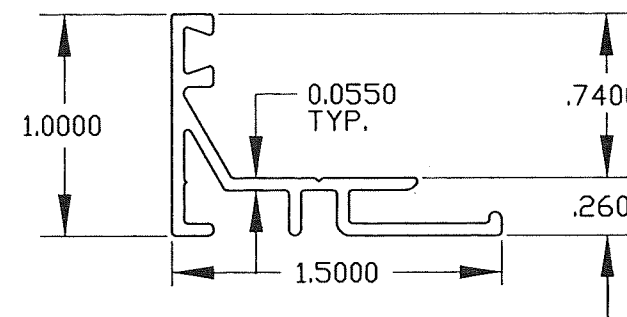
22 WIDE DOOR EXTRUSION
QUIKSERV RM# 6078



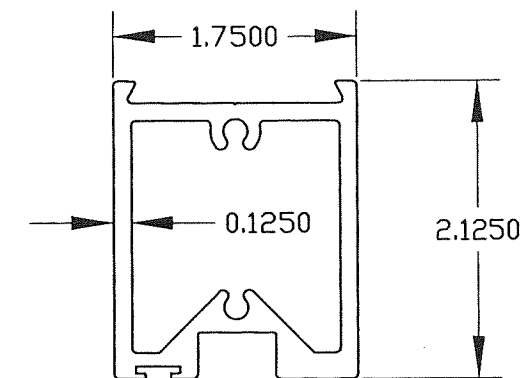
23 SASH FACE
QUIKSERV RM# 6061



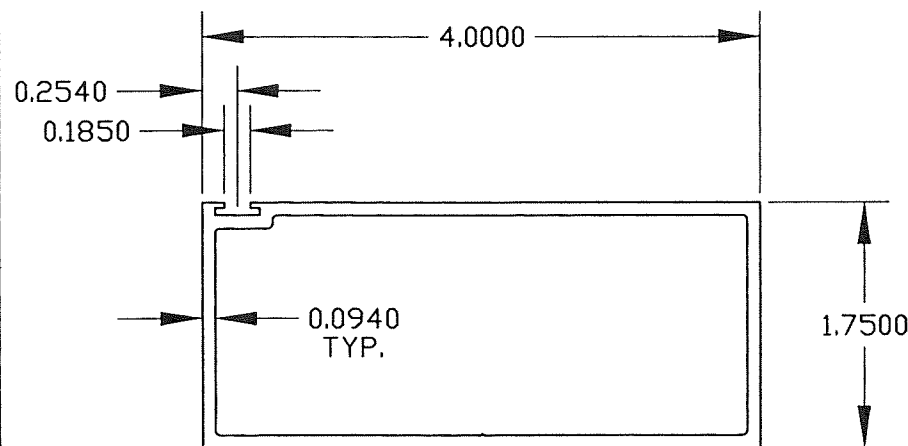
24 SNAP-ON SASH
QUIKSERV RM# 6065



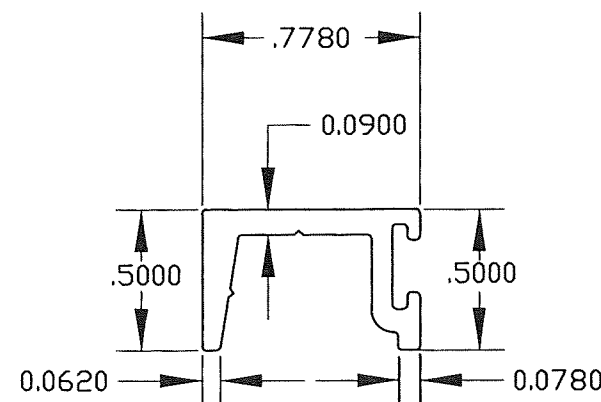
35 SCREW APPLIED SASH
QUIKSERV RM# 6082



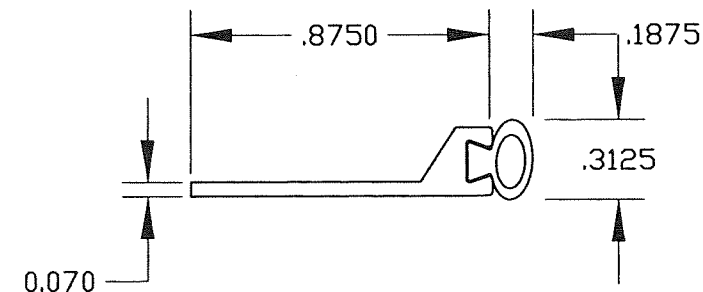
39 WIDE DOOR EXTRUSION W/ SLOT
QUIKSERV RM# 6080



40 1-3/4" X 4" RECT. TUBE
QUIKSERV RM# 6047



41 SCREW APPLIED STOP
QUIKSERV RM# 6084



53 161 NA PERIMETER SEAL
.07 ALUMINUM WITH NEOPRENE

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Miami-Dade Product Control

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MIAMI DADE COUNTY

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

ALUMINUM EXTRUSIONS COMPONENTS

WALTER A. TILLIT JR.
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PHONE: (713) 937-3437 FAX: (713) 937-0765

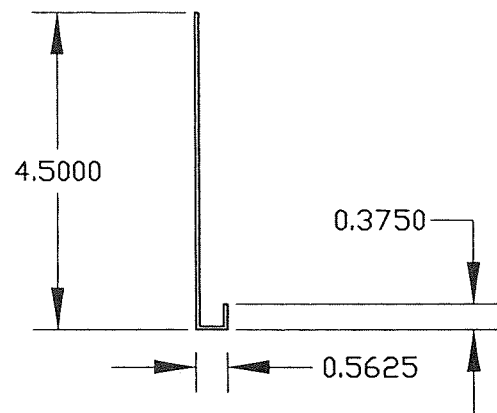
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2			4		

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Y.M.

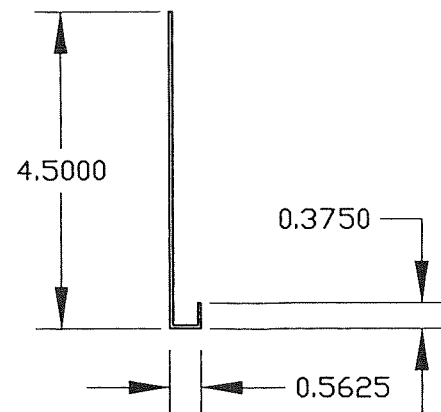
7/28/2023
DATE

23-146
DRAWING No

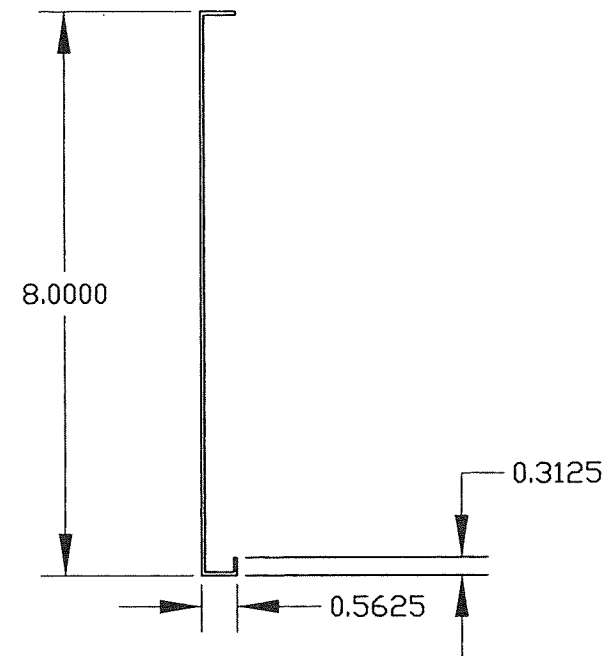
SHEET 11 OF 14



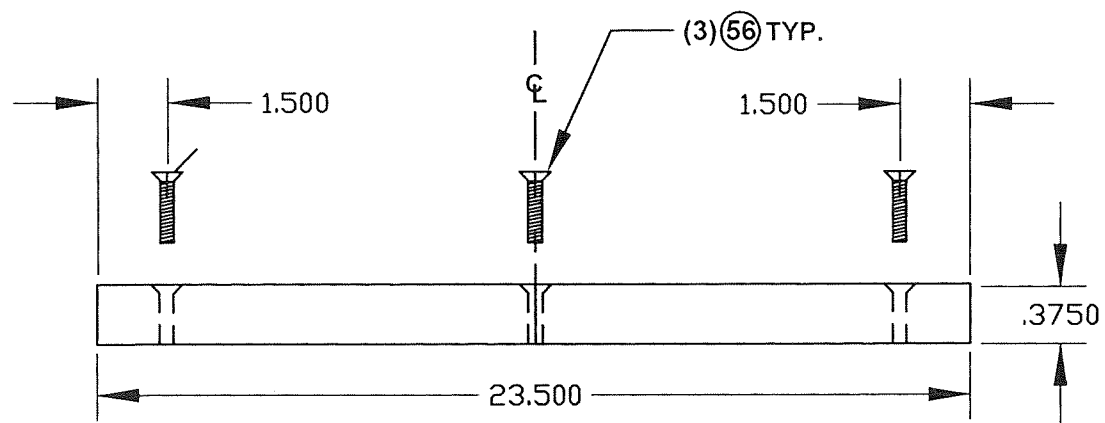
50 ACCESS COVER
18 ga. 304 Stainless Steel
SC-4030-IP
QUIKSERV RM# 3606



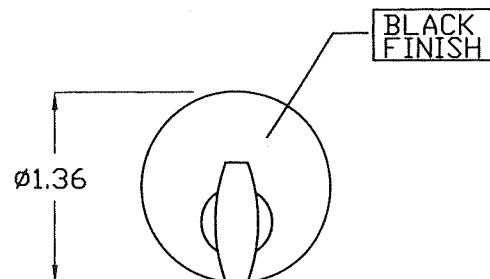
52 ACCESS COVER
18 ga. 304 Stainless Steel
SC-3030-IP
QUIKSERV RM# 3566



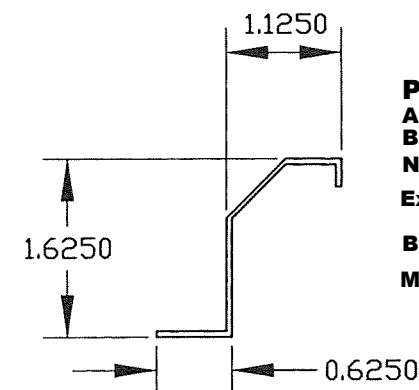
51 ACCESS COVER
18 ga. 304 Stainless Steel
SS-4035-E-IP
QUIKSERV RM# 3514



54 DOOR GUIDE BLOCK
HIGH DENSITY POLYETHYLENE
23-1/2" (L) X 3/8" (H) X 1/2" (W)
SPECIFIC GRAVITY=0.96-0.97
(PER SAFETY DATA SHEET)
MANUFACTURED BY QUADRANT EPP-USA INC,
700 NORTH SOUTH ROAD,
SCRANTON, PA 18501



48 THUMB TURN HOOKLOCK
QUIKSERV PART # 2022



49 DOOR HANDLE
16 ga. 304 Stainless Steel
QUIKSERV RM# 3588

PRODUCT RENEWED
As complying with the Florida
Building Code
NOA-No. **24-0208.02**
Expiration Date: **03/25/2025**
By: *Manuel Perez*
Miami-Dade Product Control

PRODUCT REVISED
As complying with the Florida
Building Code
NOA-No. **23-0816.27**
Expiration Date: **03/25/2024**
By: *Manuel Perez*
Miami-Dade Product Control

MIAMI DADE COUNTY

ASSEMBLY COMPONENTS

Professional Engineer Seal/Signature/Date
No. 44167
STATE OF FLORIDA
7/28/2023
P.E. SEAL/SIGNATURE/DATE

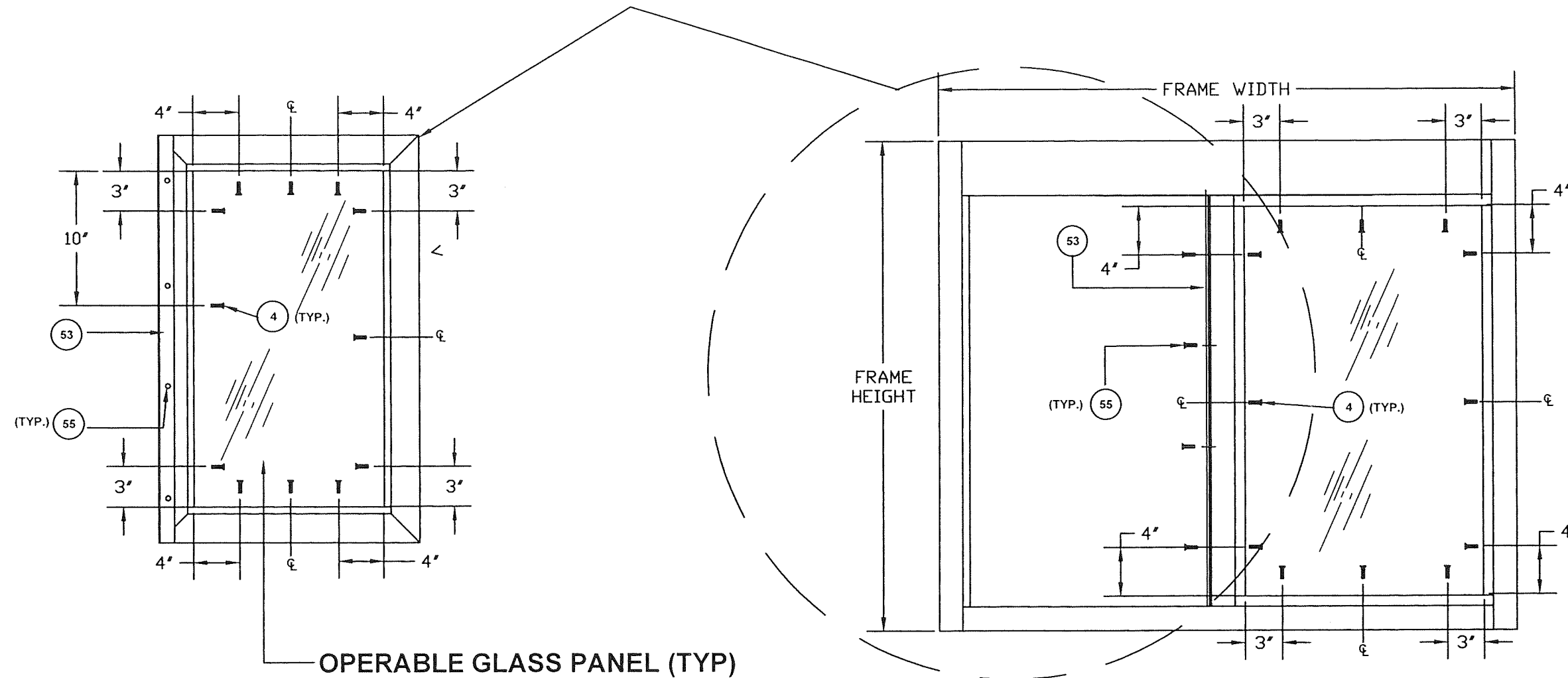
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TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166
Phone : (305)871-1530 . Fax : (305)871-1531
e-mail: tilteco@aol.com
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

COMMERCIAL PASS-THRU HORIZONTAL SLIDING
WINDOWS LARGE MISSILE IMPACT RESISTANT
QUIKSERV CORP.
11441 BRITTMORE PARK DRIVE,
HOUSTON, TEXAS 77041
PHONE: (713) 937-3437 FAX: (713) 937-9765

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Y.M.
7/28/2023
DATE
23-146
DRAWING No
SHEET 12 OF 14

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)



SASH INSTALLATION DETAILS

PRODUCT RENEWED
 As complying with the Florida Building Code
 NOA-No. **24-0208.02**
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 Miami-Dade Product Control

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 By: *Manuel Perez*
 Miami-Dade Product Control
 MIAMI DADE COUNTY

APPLICABLE TO THE FOLLOWING WINDOWS:

- SS-4035E-IP (TYPE 1 WINDOW)
- SC-4030-IP (TYPE 2 WINDOW)
- SC-3030-IP (TYPE 3 WINDOW)

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

WALTER A. TILLIT JR.
 LICENSE
 No. 44167
 STATE OF FLORIDA
 7/28/2023
 P.E. SEAL/SIGNATURE/DATE

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TILTECO INC.
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 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166
 Phone : (305)871-1530 . Fax : (305)871-1531
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 WALTER A. TILLIT Jr. P.E.
 FLORIDA Lic. # 44167

COMMERCIAL PASS-THRU HORIZONTAL SLIDING
 WINDOWS LARGE MISSILE IMPACT RESISTANT

QUIKSERV CORP.

11441 BRITTMORE PARK DRIVE,
 HOUSTON, TEXAS 77041

PHONE: (713) 937-3437 FAX: (713) 937-9765

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2			4		

DRAWN BY
 Y.M.

7/28/2023
 DATE

23-146
 DRAWING No

SHEET 13 OF 14

BILL OF MATERIALS

Ref #	Description	Quiksर्व #	Material	Specs
1	1 3/4" x 4 1/2" Rect. Tube	6026	6063-T6 Aluminum	See drawing pg. 11 - length varies
4	Sheet Metal Screw	5055	304 Series Stainless Steel	See drawing pg. 13 #10-32 x 1 1/2"
5	Insulated Laminated Glass	n/a	0.090" Interlayer by Eastman Chemical Company	See drawing pg. 6
7	All Thread Rod	n/a	Grade 2 Carbon Steel, Zinc Plated	size varies
19	Hex Nut	5301	Zinc Plated	5/16"-18
20	Framing Plate	3757	14 ga.ASTM A-653, CQ Grade 40, G-90 Galvanized Steel	See drawing pg. 10
21	1 3/4" Sq. Tube	6049	6063-T6 Aluminum	See drawing pg. 11 - length varies
22	Wide Door Extrusion	6078	6063-T6 Aluminum	See drawing pg. 11 - length varies
23	Sash Face	6061	6063-T6 Aluminum	See drawing pg. 11 - length varies
24	Snap-on Sash	6065	6063-T6 Aluminum	See drawing pg. 11 - length varies
25	Base Brace	3767	14 ga.ASTM A-653, CQ Grade 40, G-90 Galvanized Steel	See drawing pg. 10
26	Base	3768	20 ga. 304 Series Stainless Steel	See drawing pg. 10
27	Nutzert	5318	Grade 2 Carbon Steel, Zinc Plated	5/16"-18 x 1"
28	Hex Bolt	5205	Grade 2 Carbon Steel, Zinc Plated	5/16"-18 x 1"
29	Slide Rail	1917	Cold Rolled Steel	n/a
30	Weatherstripping	6034	n/a	n/a
33	Glazing Vinyl	6032	n/a	n/a
34	Silicone	2100	n/a	Mfg. by Novaguard
35	Screw Applied Sash	6082	6063-T6 Aluminum	See drawing pg. 11 - length varies
36	Framing Plate	3668	14 ga.ASTM A-653, CQ Grade 40, G-90 Galvanized Steel	See drawing pg. 10
39	Wide Door Extrusion w/ Slot	6080	6063-T6 Aluminum	See drawing pg. 11 - length varies
40	1 3/4" x 4" Rect. Tube	6047	6063-T6 Aluminum	See drawing pg. 11 - length varies
41	Screw Applied Stop	6084	6063-T6 Aluminum	See drawing pg. 11 - length varies
42	Door Bracket	n/a	12 ga.ASTM A-653, CQ Grade 40 G-90 Galvanized Steel	See drawing pg. 10 - size varies
43	Header Brace	n/a	14 ga.ASTM A-653, CQ Grade 40, G-90 Galvanized Steel	See drawing pg. 10
44	Trim Head Hex Machine Screw	5008	Grade 2 Carbon Steel, Zinc Plated	#10-32 x 3/8"
45	Trim Head Hex Machine Screw	5005	Grade 2 Carbon Steel, Zinc Plated	#10-32 x 3/4"
48	Thumb Turn Lock	2022	Grade 2 Carbon Steel, Zinc Plated	See drawing pg. 12
49	Door Handle	3588	16 ga. 304 Series Stainless Steel	See drawing pg. 12
50	Access Cover for SC-4030-IP	3606	18 ga. 304 Series Stainless Steel	See drawing pg. 12
51	Access Cover for SS-4035E-IP	3514	18 ga. 304 Series Stainless Steel	See drawing pg. 12
52	Access Cover for SC-3030-IP	3566	18 ga. 304 Series Stainless Steel	See drawing pg. 12
53	161 NA Perimeter Seal	n/a	0.07 Aluminum with Neoprene	See drawing pg. 11 - length varies
54	Door guide Block	n/a	High Density Polyethylene 23 1/2" (L)x3/8" (H)x1/2" (W)	See drawing pg. 12
55	Phil Pan Tek Screw	n/a	410 Series Stainless Steel	#8 x 1 1/2"
56	Phil Flat Undercut Screw	5052	304 Series Stainless Steel	(3) #10-32 x1" @ (54)
57	Access Cover Bracket	n/a	18 ga. ASTM A-653, CQ Grade 40, G-90 Galvanized Steel	See drawing pg. 10
58	Exterior Header Cover	n/a	18 ga. 304 Series Stainless Steel	See drawing pg. 10
59	Flat washer	5402	Grade 2 Carbon Steel, Zinc Plated	5/16" diameter x 0.100" Thick
60	Lock washer	5403	Grade 2 Carbon Steel, Zinc Plated	5/16" diameter x 0.083" Thick
61	Tek screw	5017	Grade 2 Carbon Steel, Zinc Plated	#8 x 1/2"
62	All Thread Rod	2130	Grade 2 Carbon Steel, Zinc Plated	5/16"-18 x 34 1/2"
63	All Thread Rod	2105	Grade 2 Carbon Steel, Zinc Plated	5/16"-18 x 46 1/2"

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MIAMI DADE COUNTY

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

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