READY ACCESS®

1815 Arthur Drive ▪ West Chicago, Illinois 60185

L F Schmidt

L. F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER

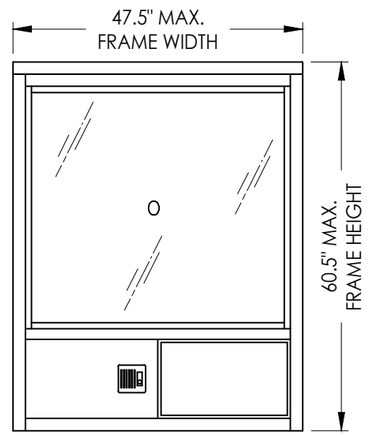
Digitally signed by Lyndon F Schmidt
Date: 2026.11.03 08:03:05 -05'00'

This item has been digitally signed and sealed by **L. F. Schmidt, P.E.** on the date adjacent to the seal.

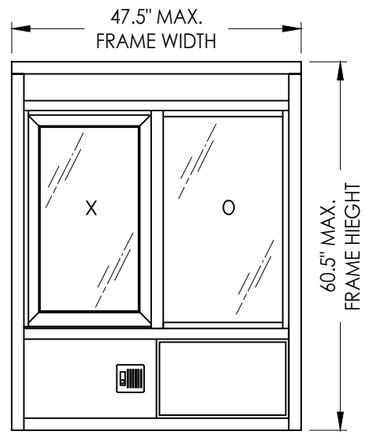
Signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

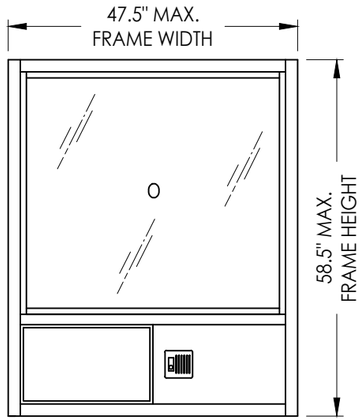
READY ACCESS DRIVE THROUGH WINDOW "IMPACT"



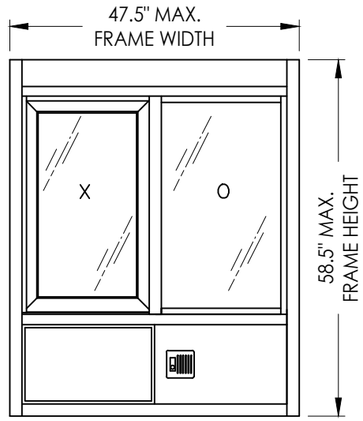
604 SERIES WINDOW



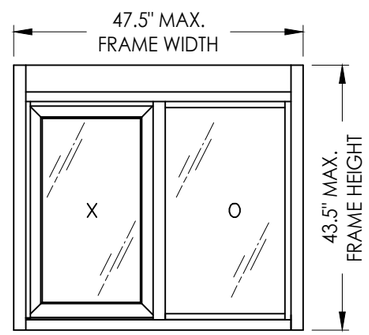
602 SERIES WINDOW



603 SERIES WINDOW



601 SERIES WINDOW



600 SERIES WINDOW

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with FBC Section 1609.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Wood bucks, by others, must be anchored properly to transfer loads to the structure.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS	
SHEET #	***DESCRIPTION***
1	Typical elevations, design pressures & general notes
2	600 Series window sections & details
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6	604 Series window sections & details
7	Anchoring
8	Components
9	Bill of materials, components & glazing details

MODEL	*OVERALL FRAME DIMENSION*	*OVERALL D.L.O. DIMENSION*	*GLASS TYPE*	*DESIGN PRESSURE RATING (PSF)*			
				WHEN WATER INFILTRATION REQ'D		*WHEN WATER INFILTRATION NOT REQ'D*	
600	**47.5" x 43.5"**	**(O) 19.62" x 33.78" (X) 16.14" x 30.18"**	**G1**	**+75.0**	**-75.0**	**+75.0**	**-75.0**
601	**47.5" x 58.5"**	**(O) 19.62" x 33.78" (X) 16.14" x 30.18"**		**+42.0**	**-42.0**	**+75.0**	**-75.0**
602	**47.5" x 60.5"**	**(O) 19.62" x 33.78" (X) 16.14" x 30.18"**		**+42.0**	**-42.0**	**+75.0**	**-75.0**
603	**47.5" x 58.5"**	**(O) 41.49" x 37.78"**		**+42.0**	**-42.0**	**+75.0**	**-75.0**
604	**47.5" x 60.5"**	**(O) 41.49" x 37.78"**		**+42.0**	**-42.0**	**+75.0**	**-75.0**

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: *READY ACCESS DRIVE THROUGH WINDOW "IMPACT"*

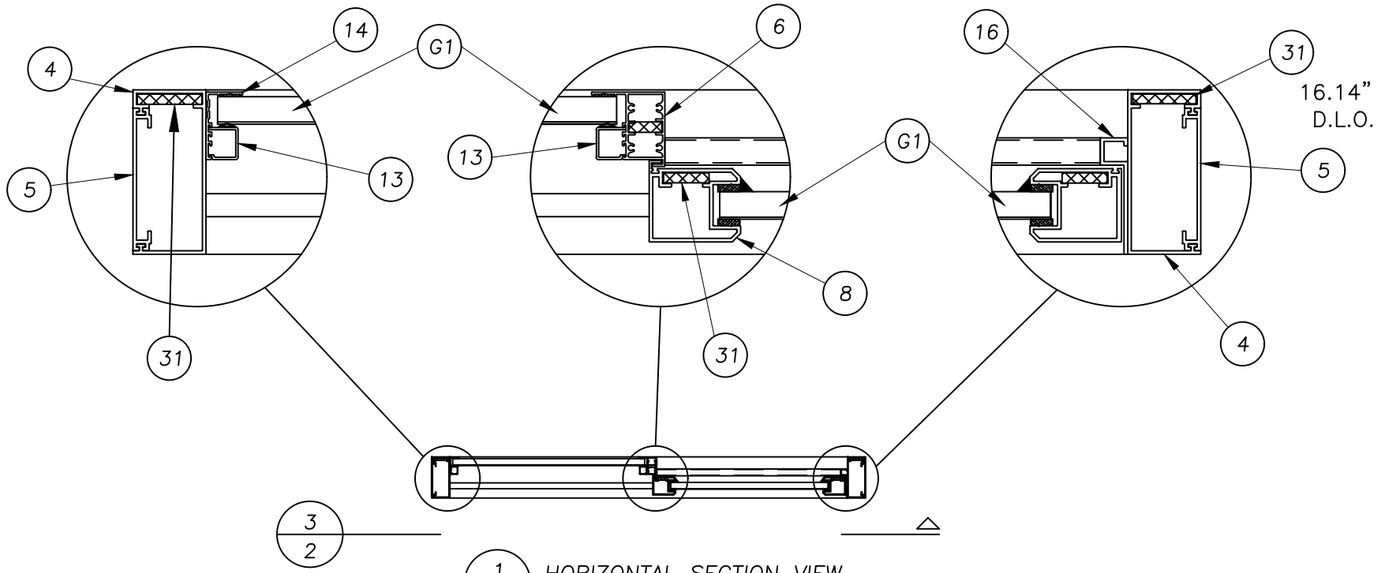
PART OR ASSEMBLY: *TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES*

NO.	DATE	BY	REVISIONS
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5	8/09/23	LFS	UPDATE TO 8TH ED. (2023) FBC
4	8/07/20	LFS	UPDATE TO 7TH ED. (2020) FBC
3	7/13/17	LFS	UPDATE TO 6TH ED. (2017) FBC

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SHEET 1 OF 9

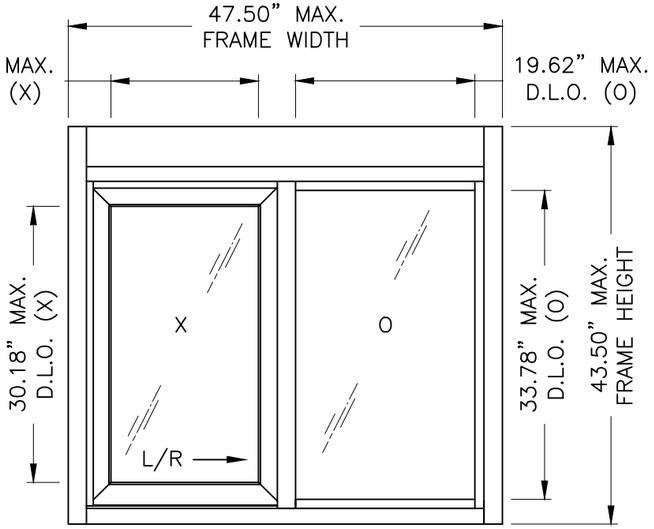
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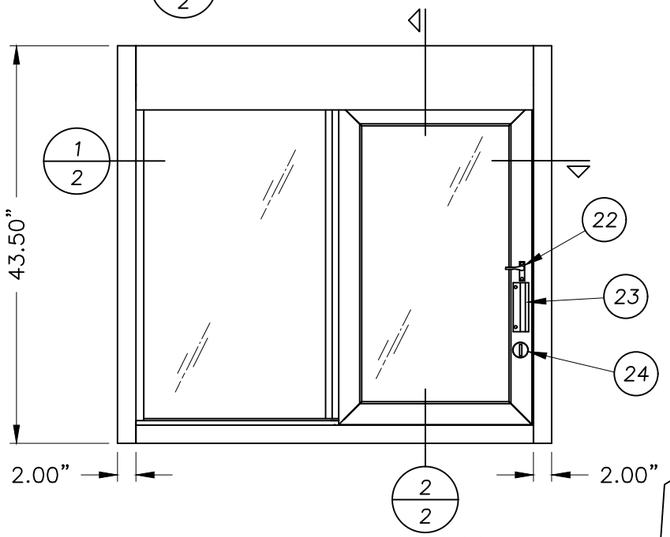


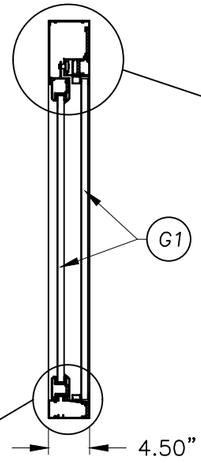
3/2

1/2 HORIZONTAL SECTION VIEW

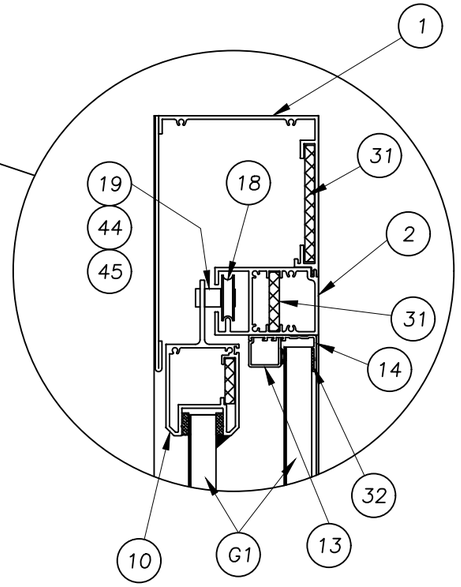


EXTERIOR VIEW

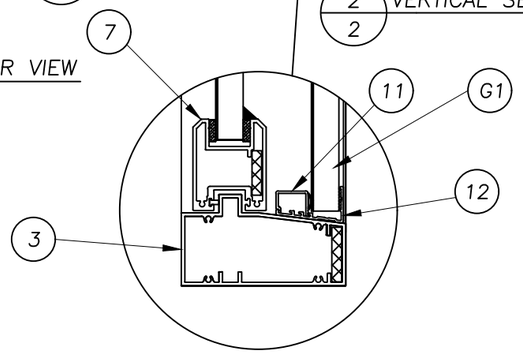




2/2 VERTICAL SECTION VIEW



3/2 INTERIOR VIEW



PRODUCT: READY ACCESS DRIVE THROUGH WINDOW "IMPACT"

PART OR ASSEMBLY: 600 SERIES WINDOW SECTIONS & DETAILS

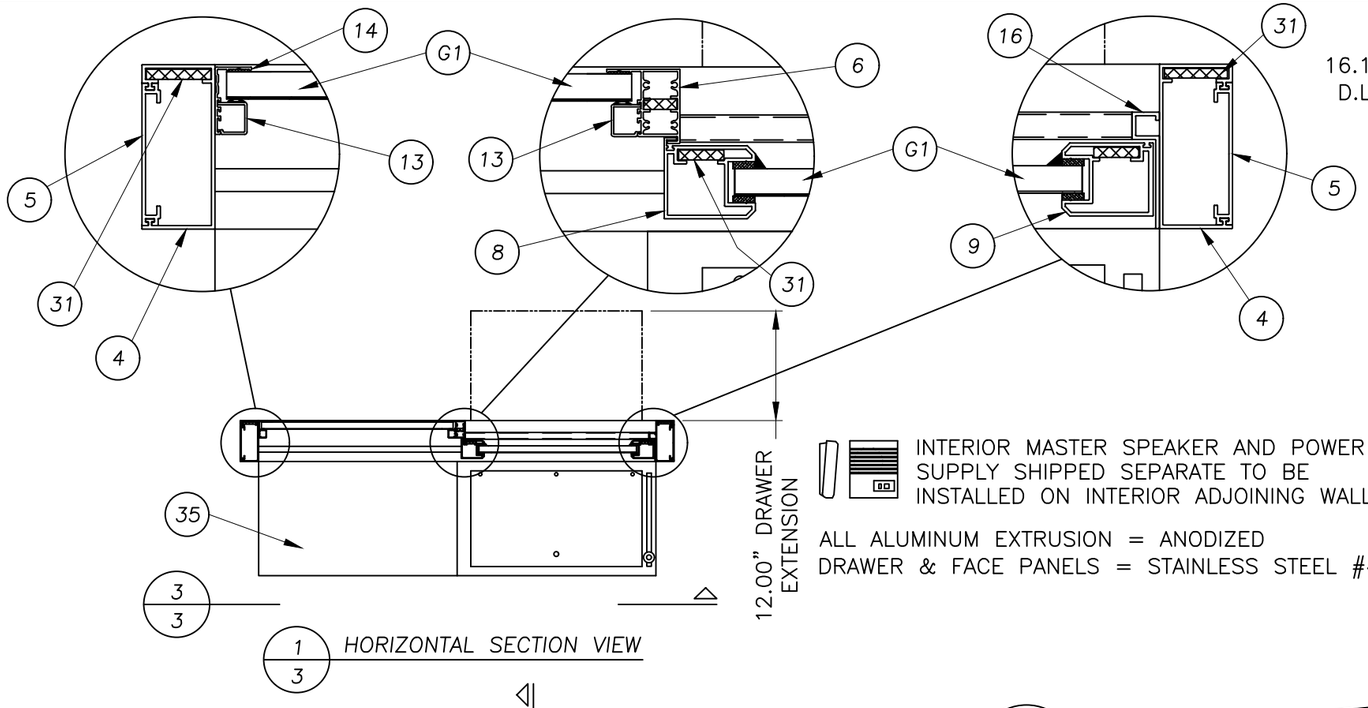
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3	7/13/17	LFS	UPDATE TO 6TH ED. (2017) FBC

DATE: 9/10/08
SCALE: N.T.S.
DWG. BY: DT
CHK. BY: LFS
DRAWING NO.: FL-5102.1
SHEET 2 OF 9

Documents Prepared By:
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FBPE Registry No. 9813

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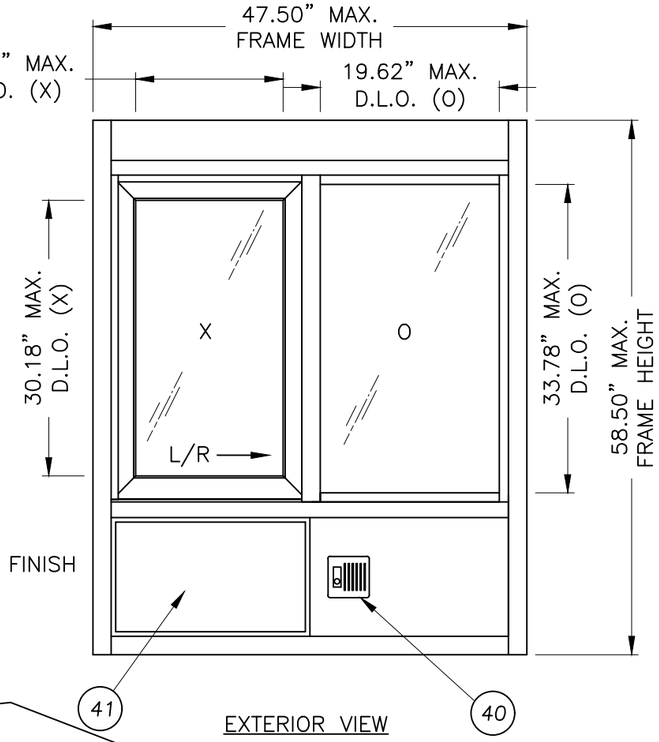


3/3

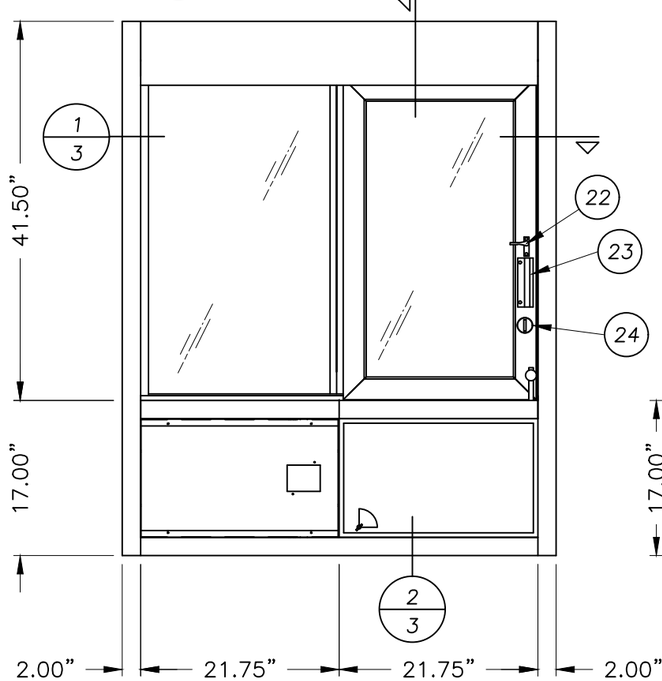
1/3 HORIZONTAL SECTION VIEW

INTERIOR MASTER SPEAKER AND POWER SUPPLY SHIPPED SEPARATE TO BE INSTALLED ON INTERIOR ADJOINING WALL.

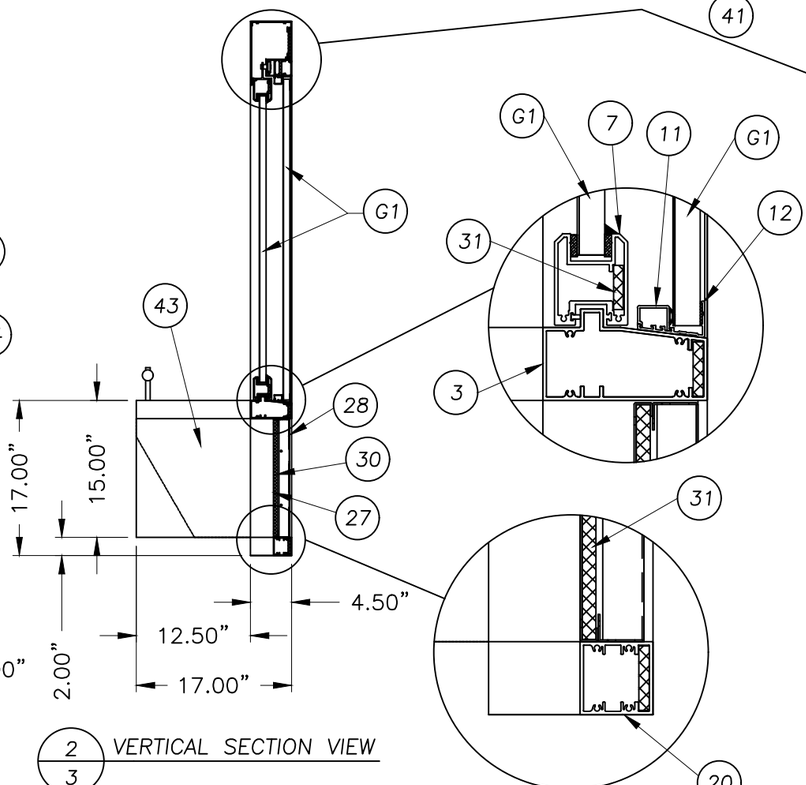
ALL ALUMINUM EXTRUSION = ANODIZED
DRAWER & FACE PANELS = STAINLESS STEEL #4 FINISH



EXTERIOR VIEW



3/3 INTERIOR VIEW



2/3 VERTICAL SECTION VIEW

PRODUCT: *READY ACCESS DRIVE THROUGH WINDOW "IMPACT"*

PART OR ASSEMBLY: *601 SERIES WINDOW SECTIONS & DETAILS*

NO.	DATE	BY	REVISIONS
6	11/03/26	LFS	UPDATE TO 9TH ED. (2026) FBC
5	8/09/23	LFS	UPDATE TO 8TH ED. (2023) FBC
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3	7/13/17	LFS	UPDATE TO 6TH ED. (2017) FBC

DATE: 9/10/08
SCALE: N.T.S.
DWG. BY: DT
CHK. BY: LFS
DRAWING NO.: FL-5102.1
SHEET 3 OF 9

Documents Prepared By:
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12" DRAWER EXTENSION

1/4 HORIZONTAL SECTION VIEW

47.50" MAX. FRAME WIDTH

16.14" MAX. D.L.O. (X)

19.62" MAX. D.L.O. (O)

30.18" MAX. D.L.O. (X)

33.78" MAX. D.L.O. (O)

60.50" MAX. FRAME HEIGHT

X

O

L/R

EXTERIOR VIEW

43.50"

17.00"

17.12"

17.00"

17.00"

2.00" 21.75" 21.75" 2.00"

1/4 SECTION VIEW

2/4 VERTICAL SECTION VIEW

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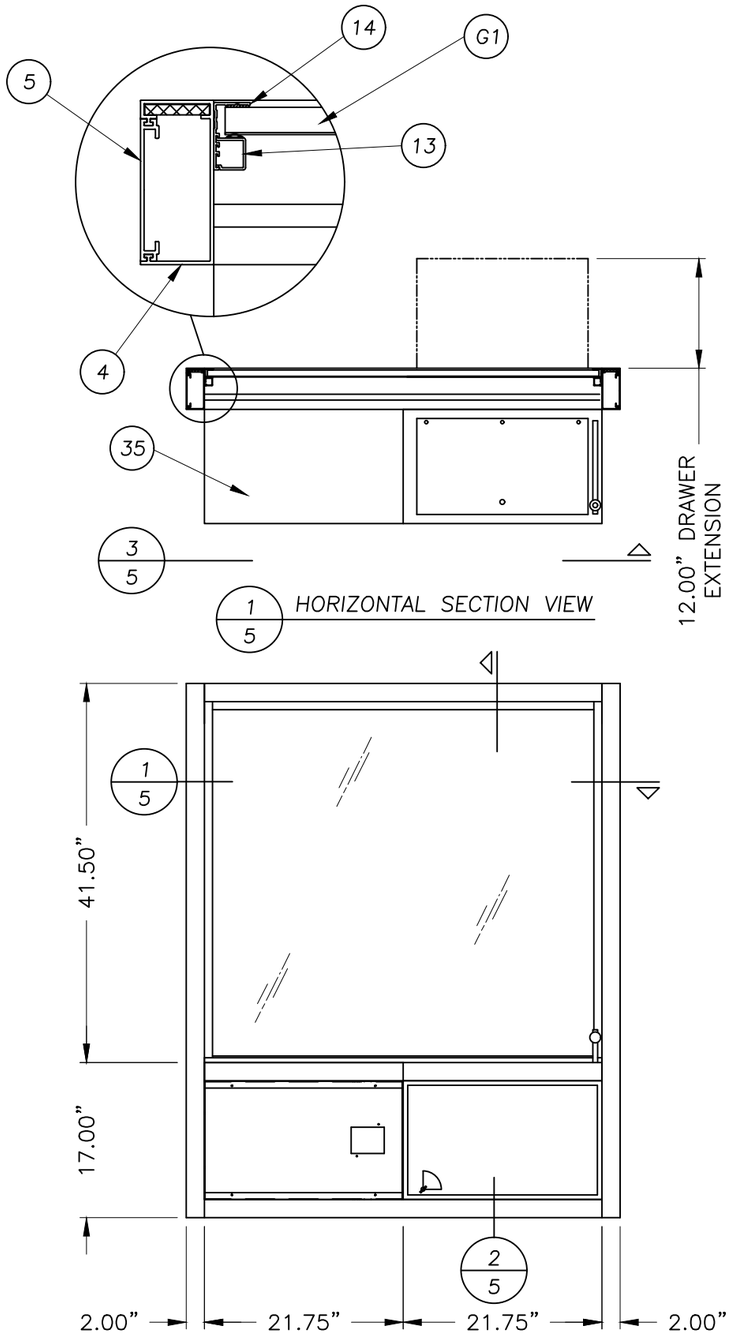
PART OR ASSEMBLY: 602 SERIES WINDOW SECTIONS & DETAILS

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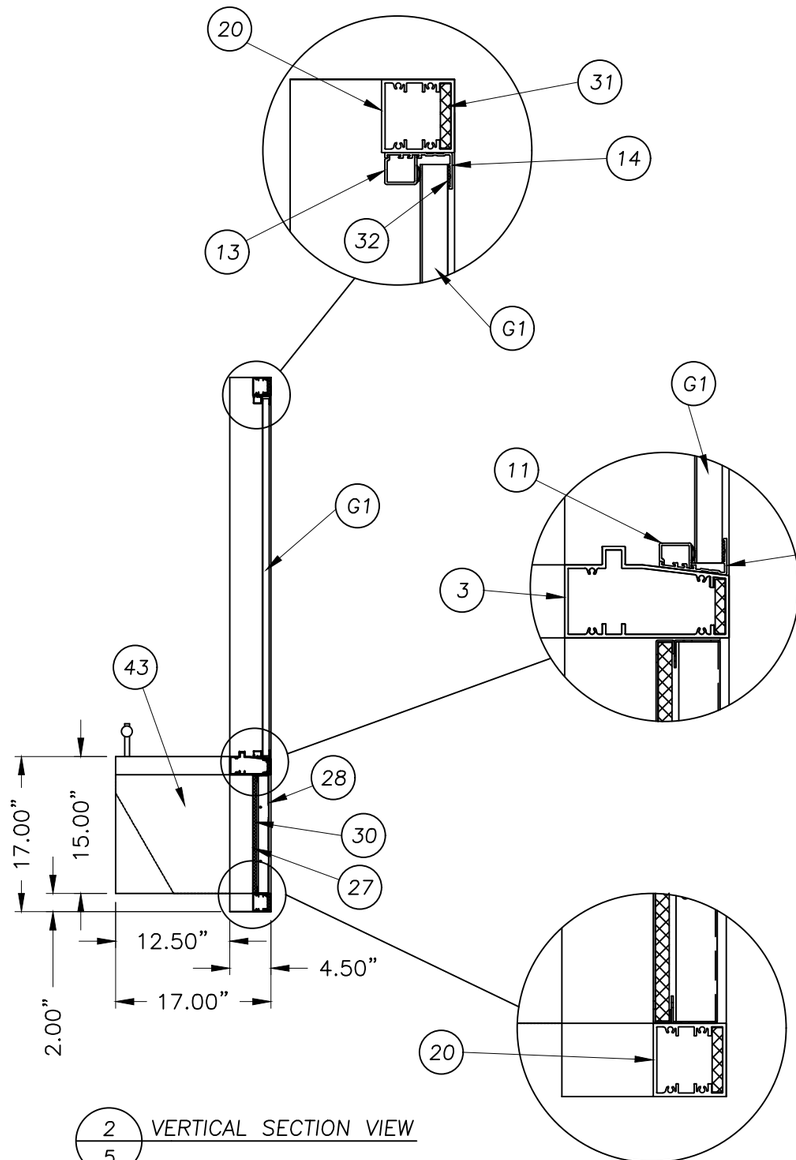
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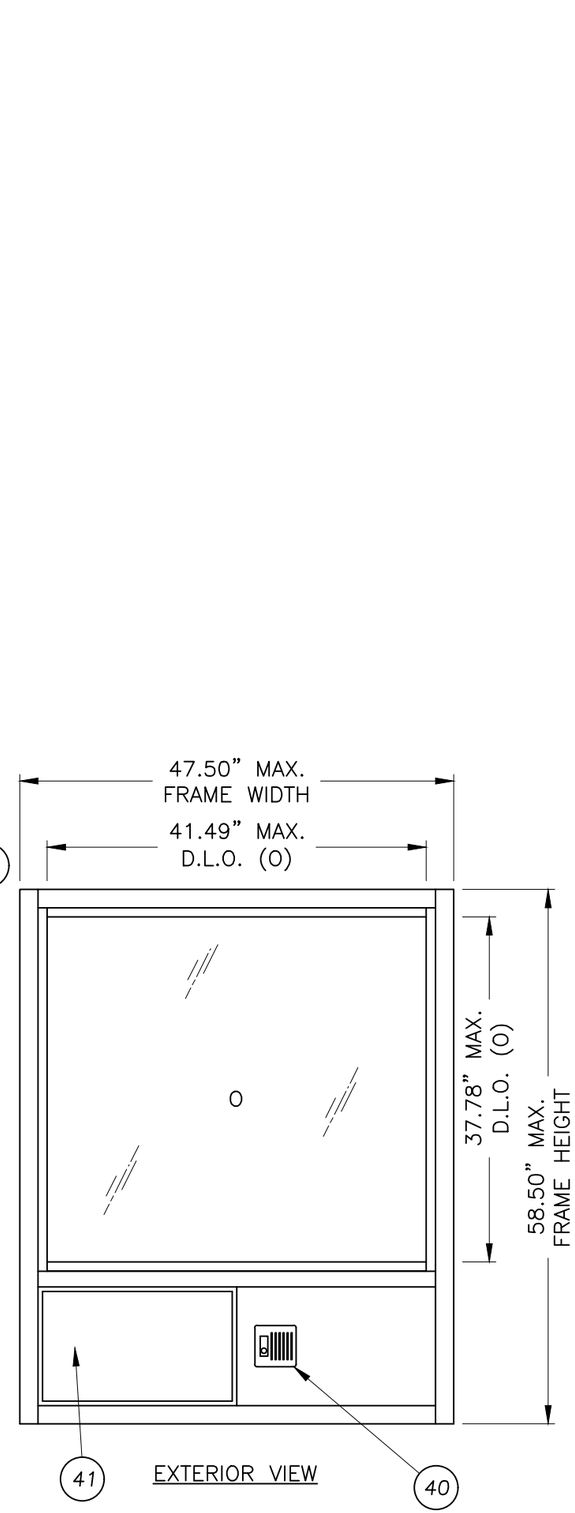
3/5 INTERIOR VIEW

INTERIOR MASTER SPEAKER AND POWER SUPPLY SHIPPED SEPARATE TO BE INSTALLED ON INTERIOR ADJOINING WALL.

ALL ALUMINUM EXTRUSION = ANODIZED
DRAWER & FACE PANELS = STAINLESS STEEL #4 FINISH



2/5 VERTICAL SECTION VIEW



EXTERIOR VIEW

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PRODUCT: *READY ACCESS DRIVE THROUGH WINDOW "IMPACT"*

PART OR ASSEMBLY: *603 SERIES WINDOW SECTIONS & DETAILS*

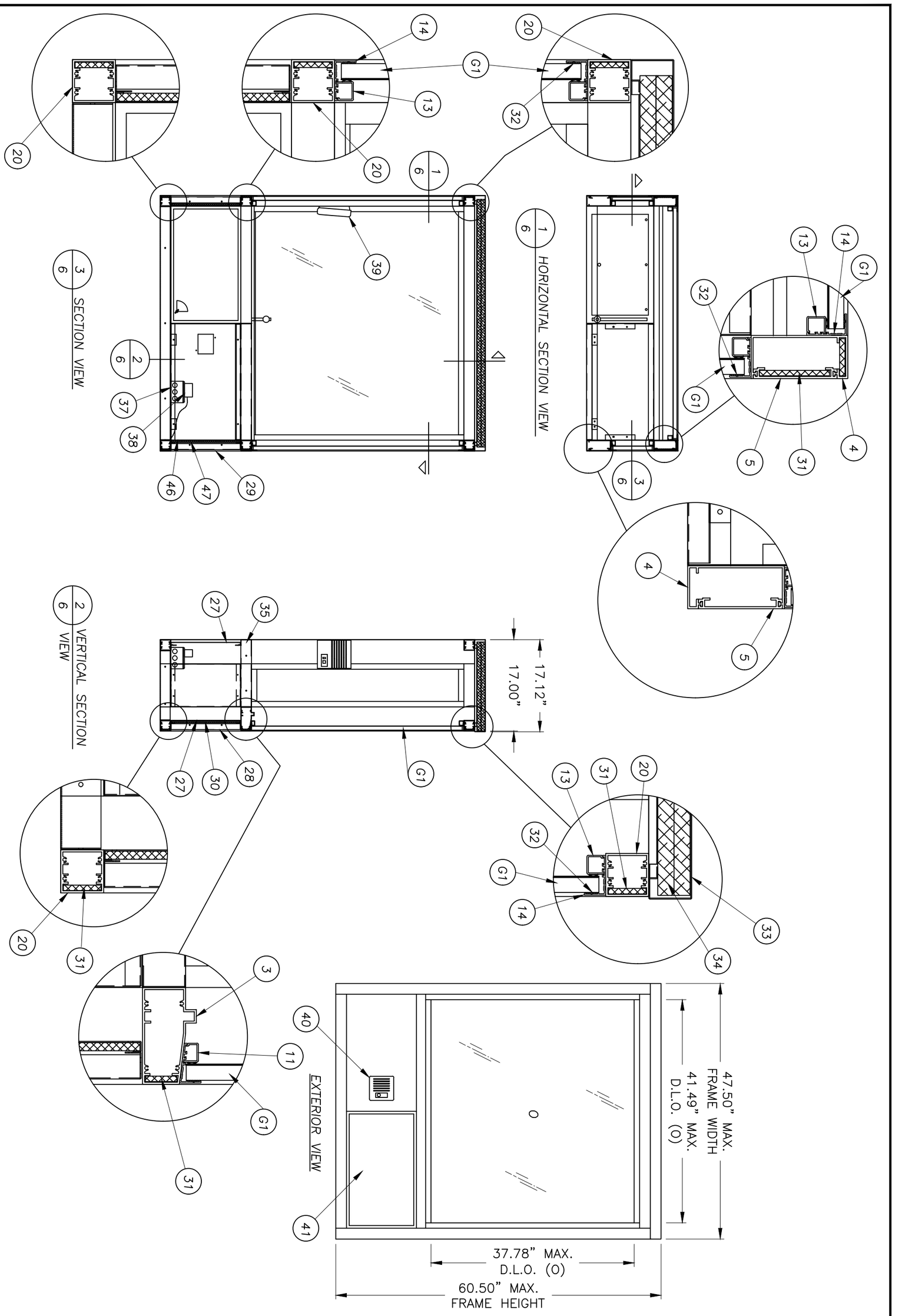
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4	8/07/20	LFS	UPDATE TO 7TH ED. (2020) FBC
3	7/13/17	LFS	UPDATE TO 6TH ED. (2017) FBC

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3	7/13/17	UPDATE TO 6TH ED. (2017) FBC	LFS
NO.	DATE		BY

REVISIONS

PRODUCT:
READY ACCESS
DRIVE THROUGH WINDOW
"IMPACT"

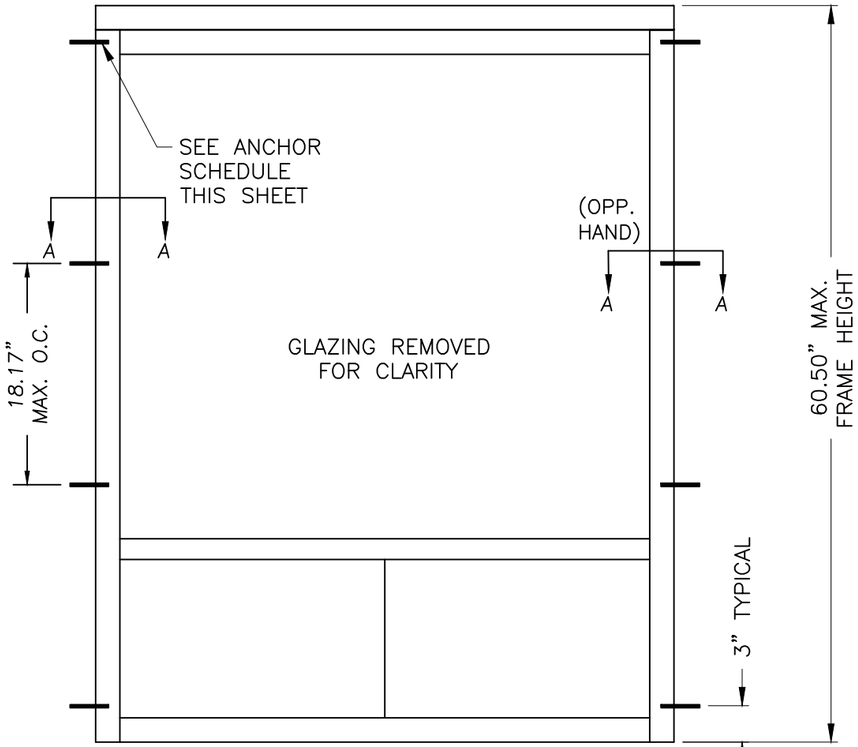
PART OR ASSEMBLY:
604 SERIES WINDOW
SECTIONS & DETAILS

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

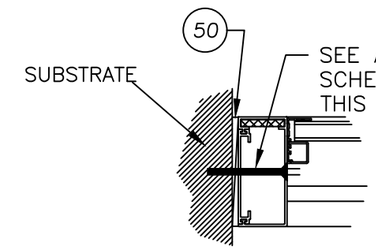
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SHEET 6 OF 9

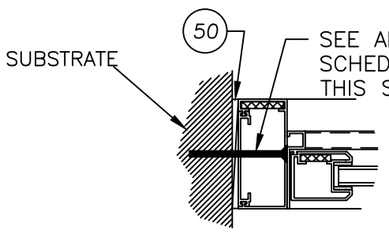
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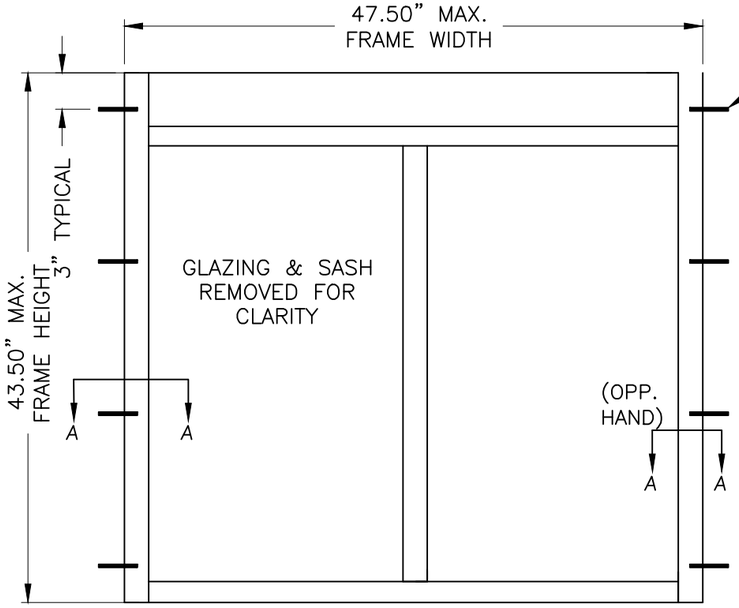
603 AND 604 SERIES WINDOW



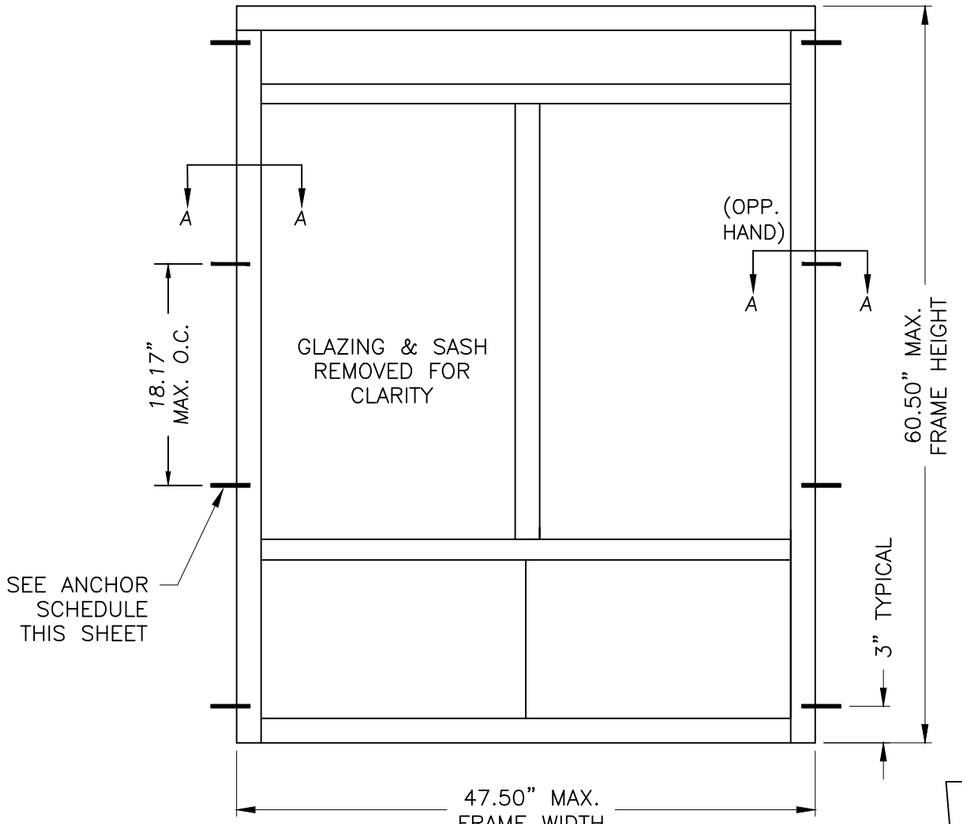
SECTION AA
FIXED WINDOW PANEL



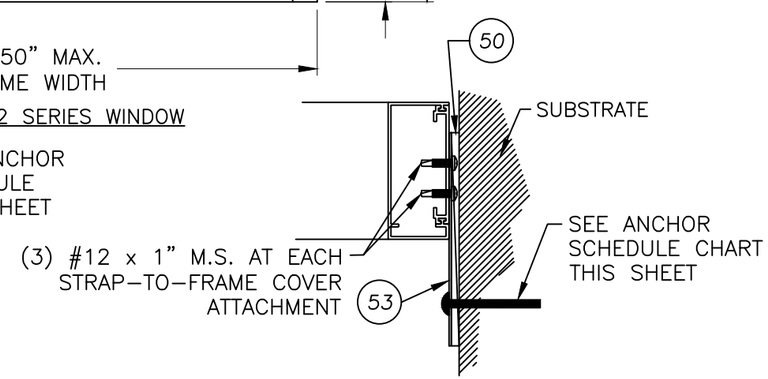
SECTION AA
ACTIVE WINDOW PANEL



600 SERIES WINDOW



601 AND 602 SERIES WINDOW



SECTION AA
USING MOUNTING STRAP

ANCHOR SCHEDULE	
SUBSTRATE	ANCHOR
CONCRETE: 3,000 PSI CONCRETE (ACI 301) HOLLOW BLOCK (ASTM C90)	1/4" ø HWH ITW TAPCON CONCRETE ANCHOR (1.25" MIN. EMBEDMENT, 2.5" MIN EDGE DISTANCE & 4" MIN. CL DISTANCE)
STEEL: 16 GA. MIN. (ASTM A36, GRADE 33)	1/4–20 HILTI KWIK–FLEX SELF–DRILLING SMS (MIN. PROTRUSION OF 3 THREADS BEYOND FULL ENGAGEMENT, 3/4" MIN. EDGE DISTANCE & 1" MIN. CL DISTANCE)
WOOD (DOUBLE 2X BUCK): SG = 0.55 OR BETTER	#14 WOOD SCREW (1.75" MIN. EMBEDMENT, 3/4" MIN. EDGE DISTANCE & 1" MIN. CL DISTANCE)

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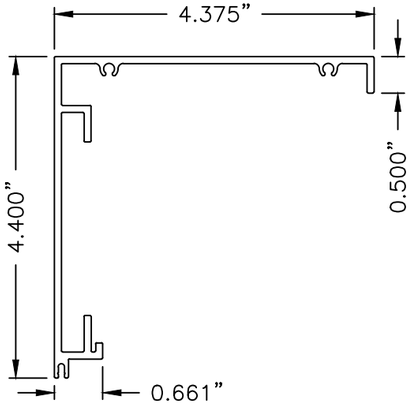
PART OR ASSEMBLY: *ANCHORING*

NO.	DATE	REVISIONS	BY
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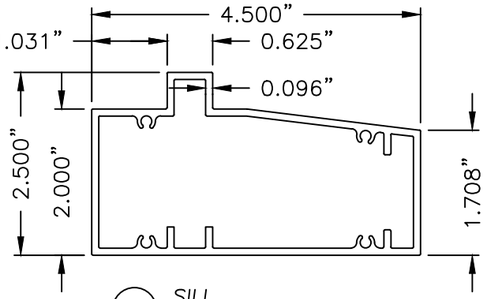
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SHEET 7 OF 9

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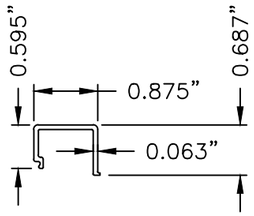
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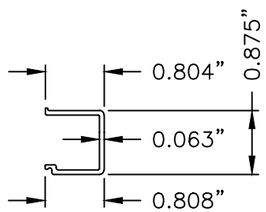
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PART# 64259029
ALUM. 6063–T6



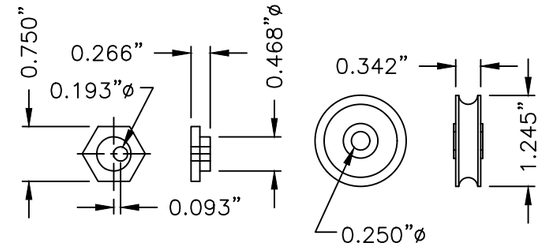
3 SILL
PART# 64259027
ALUM. 6063–T6



11 BOTTOM GLASS RETAINER 3/4”
PART# 64259025
ALUM. 6063–T6

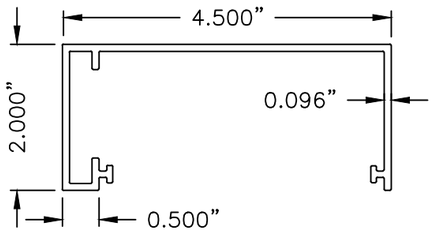


13 GLASS RETAINER 3/4”
PART# 64259024
ALUM. 6063–T6

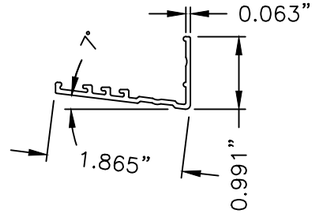


17 CAM DOOR ADJUSTMENT
PART# 20010030
COLD DRWN. STEEL
ZINC. DICHORMATE

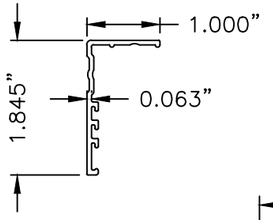
18 ROLLER BEARING
PART# 20010030



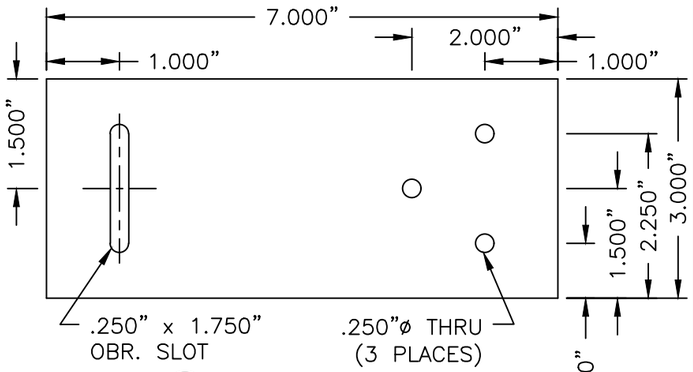
4 POST
PART# 64259019
ALUM. 6063–T6



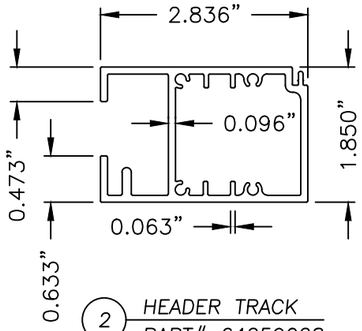
12 BOTTOM GLASS CHANNEL 3/4”
PART# 64259023
ALUM. 6063–T6



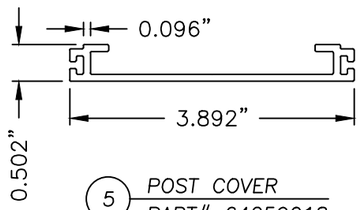
14 GLASS CHANNEL 3/4”
PART# 64259022
ALUM. 6063–T6



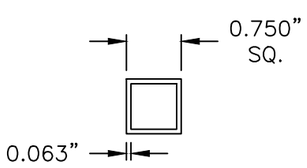
53 MOUNTING STRAP
PART# 66123500
(14 GA. GALV. STEEL)
ATTACH TO POST COVER w/ (3) #12 x 1” SELF–DRILLING M.S.



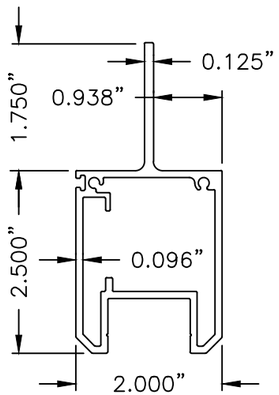
2 HEADER TRACK
PART# 64259028
ALUM. 6063–T6



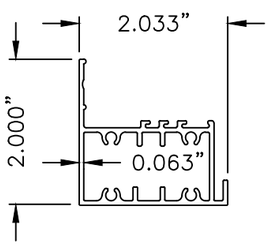
5 POST COVER
PART# 64259018
ALUM. 6063–T6



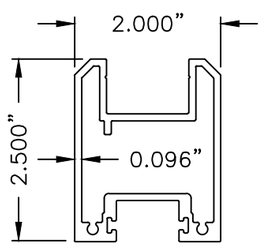
15 TOP WEATHER GUARD
PART# 64419003
ALUM. 6063–T6



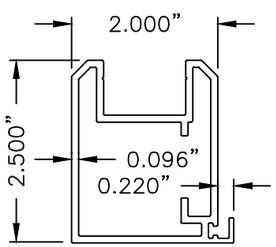
10 DOOR TOP
PART# 64259033
ALUM. 6063–T6



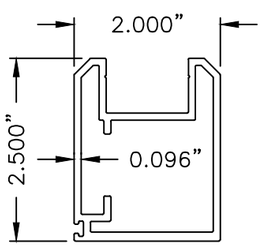
6 CENTER POST
PART# 64259021
ALUM. 6063–T6



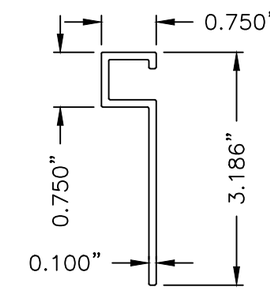
7 DOOR BOTTOM
PART# 64259032
ALUM. 6063–T6



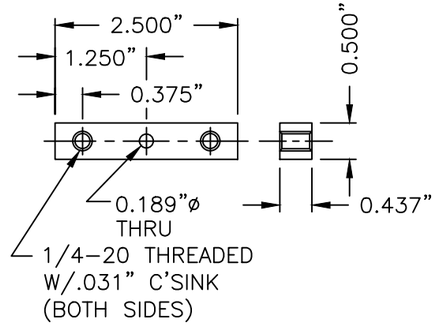
8 DOOR CENTER
PART# 64259031
ALUM. 6063–T6



9 DOOR LOCK
PART# 64259030
ALUM. 6063–T6



16 WEATHER GUARD
PART# 64259020
ALUM. 6063–T6



19 ROLLER MOUNTING BLOCK
.500 BAR STOCK
PART# 20220001
ALUM. 2024–T351

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: READY ACCESS DRIVE THROUGH WINDOW "IMPACT"

PART OR ASSEMBLY: COMPONENTS

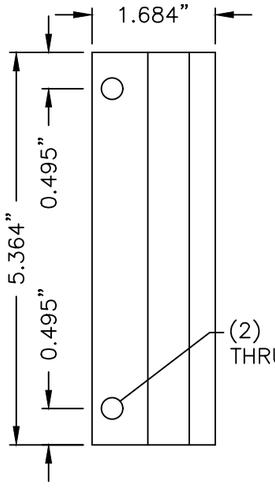
NO.	DATE	REVISIONS	BY
6	11/03/26	UPDATE TO 9TH ED. (2026) FBC	LFS
5	8/09/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	8/07/20	UPDATE TO 7TH ED. (2020) FBC	LFS
3	7/13/17	UPDATE TO 6TH ED. (2017) FBC	LFS

DATE: 9/10/08
SCALE: N.T.S.
DWG. BY: DT
CHK. BY: LFS
DRAWING NO.: FL–5102.1
SHEET 8 OF 9

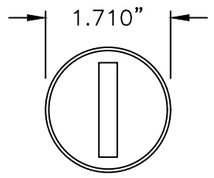
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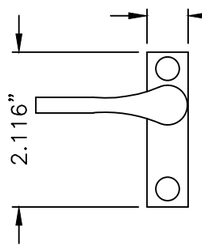
ITEM	DESCRIPTION	MATERIAL
1	HEADER PART# 64259029 ALUM. 6063–T6	ALUM.
2	HEADER TRACK PART# 64259028 ALUM. 6063–T6	ALUM.
3	SILL PART# 64259027 ALUM. 6063–T6	ALUM.
4	POST PART# 64259019 ALUM. 6063–T6	ALUM.
5	POST COVER PART# 64259018 ALUM. 6063–T6	ALUM.
6	CENTER POST PART# 64259021 ALUM. 6063–T6	ALUM.
7	DOOR BOTTOM PART# 64259032 ALUM. 6063–T6	ALUM.
8	DOOR CENTER PART# 64259031 ALUM. 6063–T6	ALUM.
9	DOOR LOCK PART# 64259030 ALUM. 6063–T6	ALUM.
10	DOOR TOP PART# 64259033 ALUM. 6063–T6	ALUM.
11	GLASS RETAINER (3/4") PART# 64259025 ALUM. 6063–T6	ALUM.
12	BOTTOM GLASS CHANNEL (3/4") PART# 64259023 ALUM. 6063–T6	ALUM.
13	GLASS RETAINER (3/4") PART# 64259024 ALUM. 6063–T6	ALUM.
14	GLASS CHANNEL (3/4") PART# 64259022 ALUM. 6063–T6	ALUM.
15	TOP WEATHER GUARD PART# 64419003 ALUM. 6063–T6	ALUM.
16	WEATHER GUARD PART# 64259020 ALUM. 6063–T6	ALUM.
17	CAM DOOR ADJUSTMENT PART# 00651433 STEEL ZINC.	STEEL
18	ROLLER TRACK BEARING PART# 20010030	–
19	ROLLER MOUNTING BLOCK PART# 20220001 ALUM. 2024–T351	TPS
20	CROSS FRAME PART# 64259025 ALUM. 6063–T6	ALUM.
21	SILICONE GLAZING SEALANT DOW 999–A PART# 80050020	SILICONE
22	SELF–LATCHING THUMB TURN PART# 20090081	STEEL
23	PULL HANDLE PART# 65103300	STEEL
24	THUMB TURN DEADBOLT PART# 20090086	STEEL
25	GLAZING FOAM TAPE PART# 20200166	BUTYL
26	RUBBER SEAL "D" SHAPED PART# 40040004	–
27	INSIDE FACE PANEL PART# 66121200	–
28	OUTSIDE FRONT FACE PANEL PART# 56121100	–
29	OUTSIDE SIDE FACE PANEL PART# 66120900	–
30	ARMOR PANEL	–
31	ARMOR STRIP	–
32	GLAZING TAPE 1/2" X .063" PART# 202001155	BUTYL
33	TOP CAP PART# 6122500	–
34	INSULATION PANEL	–
35	COUNTER PART# 96120500	STAIN/STL
37	4X4 GANG BOX	–
38	SPEAKER POWER SUPPLY	–
39	INSIDE MASTER SPEAKER	–
40	OUTSIDE SPEAKER W/HOOKUP WIRE PRE INSTALLED PART# 20110021	–
41	PASS– THRU DRAWER PART# 96130000	–
43	ANGLED SHELF BRACKET	–
44	ROLLER MTG. BOLT 1/4"–20 X 3/4" HEX HEAD MS	–
45	ROLLER MTG. NUT 1/4"–20 NYLON LOCKING NUT	–
46	INSIDE FACE PANEL PART# 66122800	–
47	ARMOR PANEL PART# 66125400	–
50	SHIM 1/4" THK. MAX.	WOOD
53	MOUNTING STRAP (14 ga GALV STEEL)	STEEL
57	GLAZING RETAINER	ALUMINUM
58	GLAZING TAPE	–



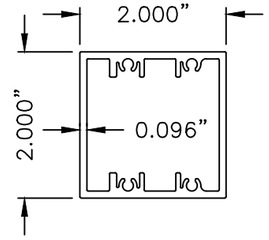
23 PULL HANDLE
PART# 65103300



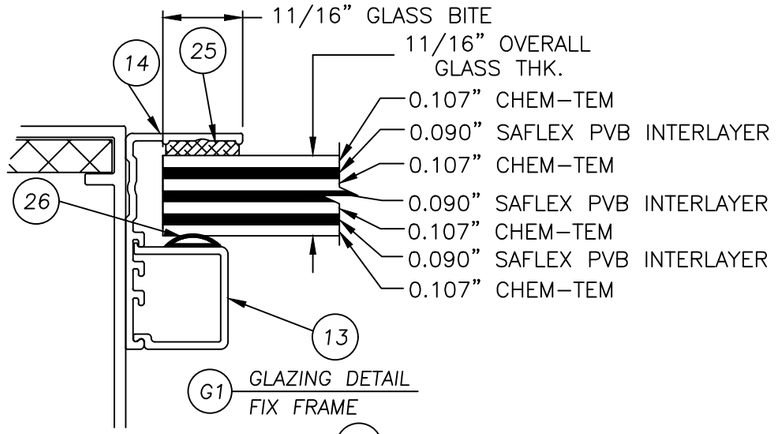
24 THUMB TURN
DEADBOLT
PART# 20090086



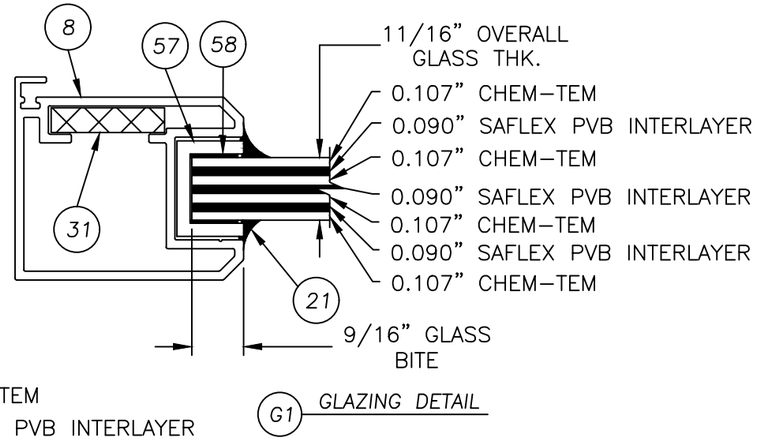
22 SELF–LATCHING
THUMB TURN
ADAMS–RITE
PART# 20090081



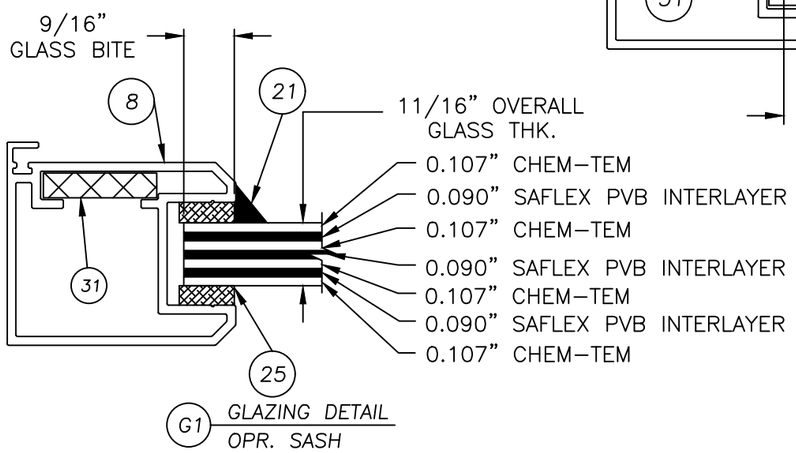
20 CROSS FRAME
PART# 64259026
ALUM. 6063–T6



G1 GLAZING DETAIL
FIX FRAME



G1 GLAZING DETAIL



G1 GLAZING DETAIL
OPR. SASH

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

Documents Prepared By:
Lyndon F. Schmidt
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FBPE Registry No. 9813

PRODUCT: READY ACCESS DRIVE THROUGH WINDOW "IMPACT"

PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS & GLAZING DETAILS

NO.	DATE	BY	REVISIONS
6	11/03/26	LFS	UPDATE TO 9TH ED. (2026) FBC
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CHK. BY: LFS
DRAWING NO.: FL–5102.1
SHEET 9 OF 9

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