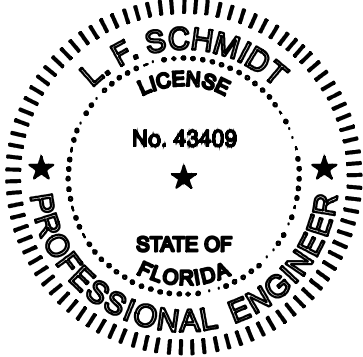




250 Staunton Turnpike, Parkersburg, WV 26104



This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

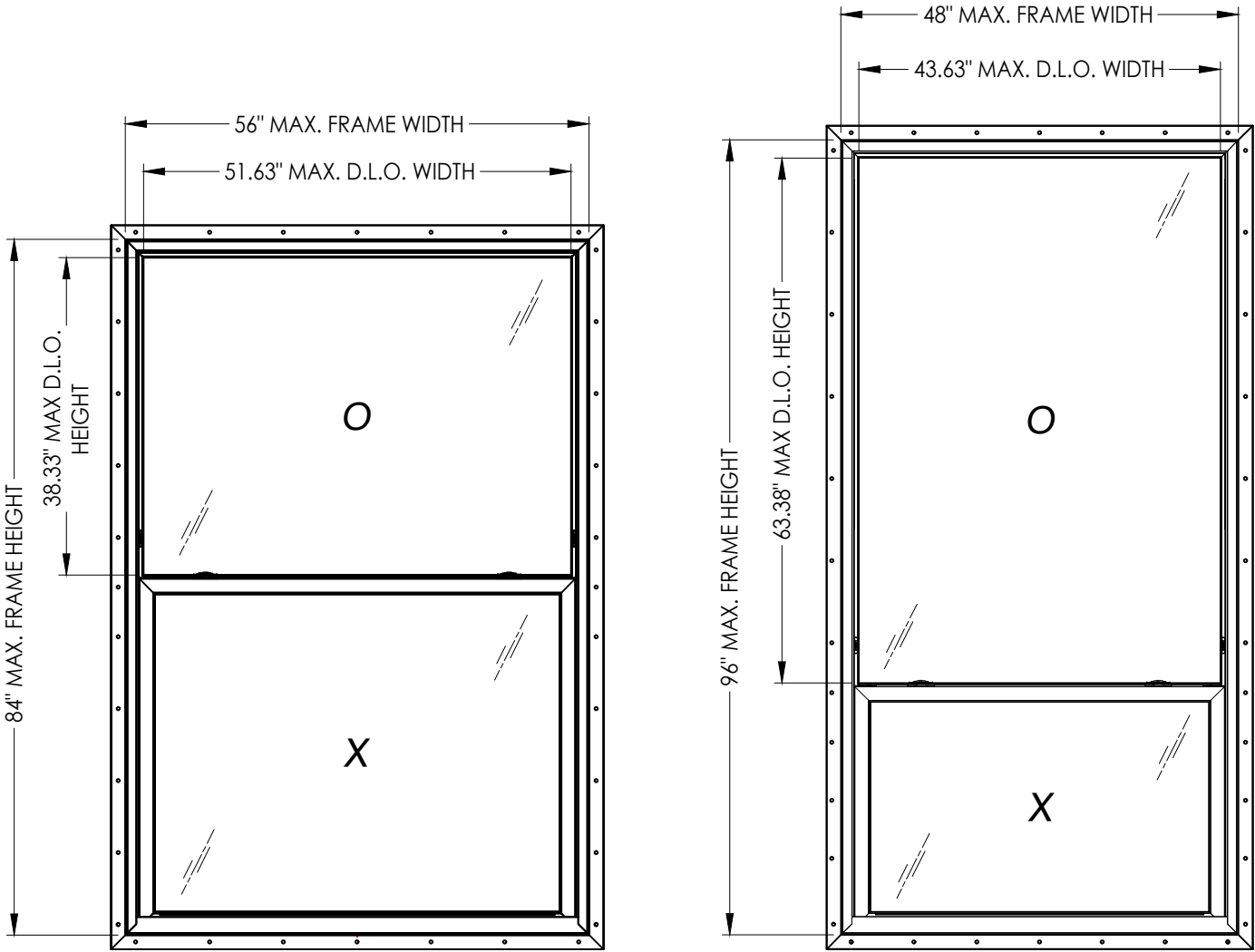
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

8400 SERIES
Vinyl Single Hung Window
w/ Nailing Fin
"NON-IMPACT"

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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. 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 and general notes
2	Horizontal & vertical cross sections & glazing details
3	Buck & frame anchoring (56" X 84")
4	Buck & frame anchoring (48" X 96")
5	Bill of materials & components



MAX. FRAME DIMENSION	MAX. FIXED D.L.O. DIMENSION	GLASS TYPE		DESIGN PRESSURE (PSF)	
		SASH	FIXED	POSITIVE	NEGATIVE
56.0" X 84.0"	51.63" X 38.33"	G1	G1	+50.0	-50.0
48.0" X 96.0"	43.63" X 63.38"	G1	G2	+40.0	-40.0

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

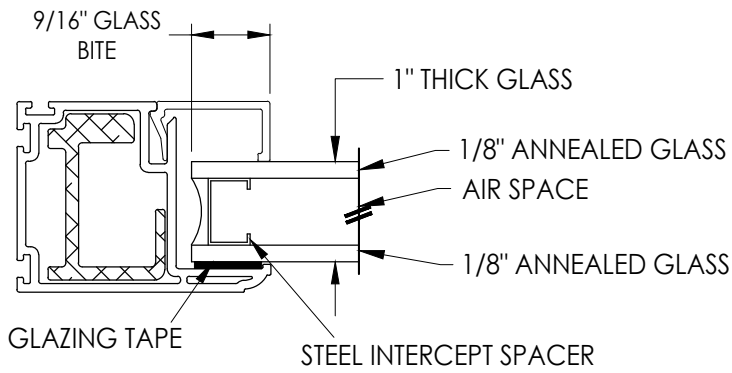
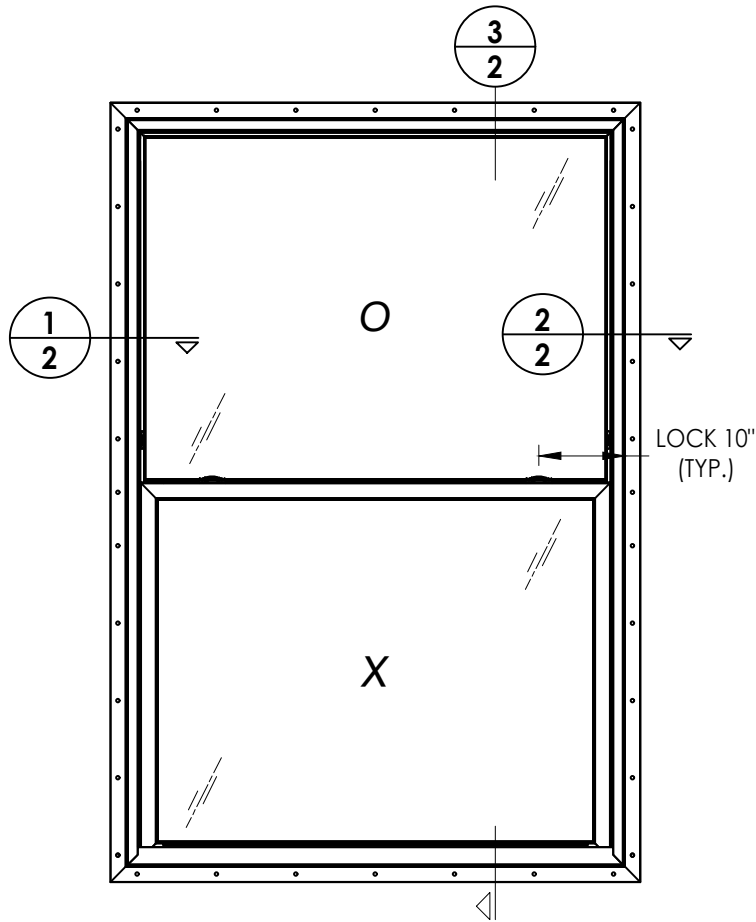
PRODUCT: 8400 SERIES
SINGLE HUNG WINDOW

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

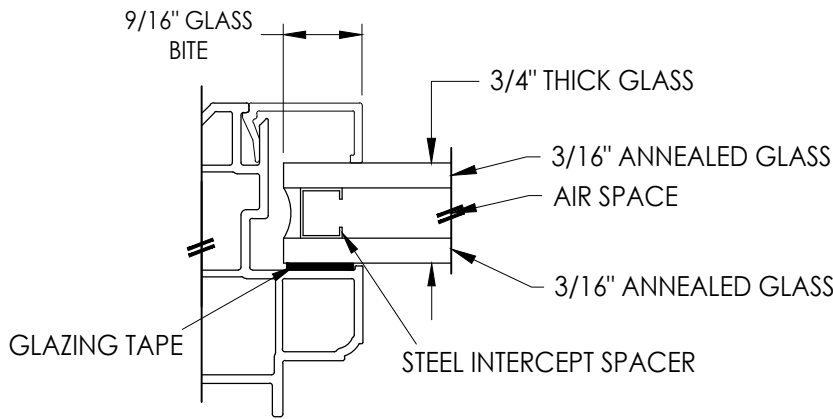
NO.	DATE	REVISIONS	
		BY	LFS
1	7/01/26	UPDATE TO 9TH ED. (2026)	FBC

DATE: 9/24/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-17088.11
SHEET 1 OF 5

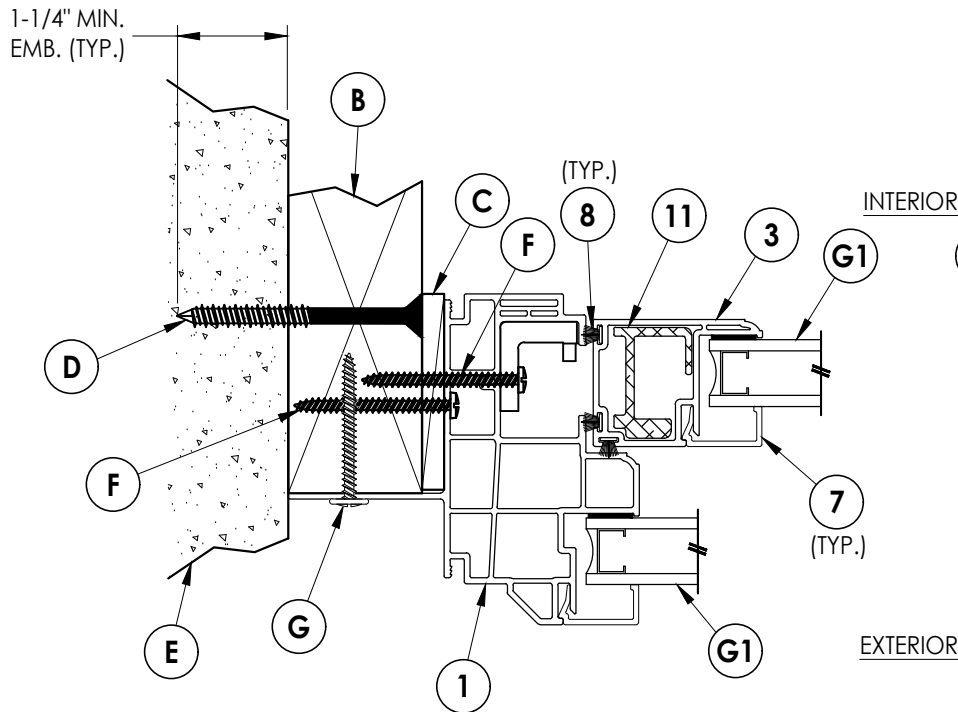
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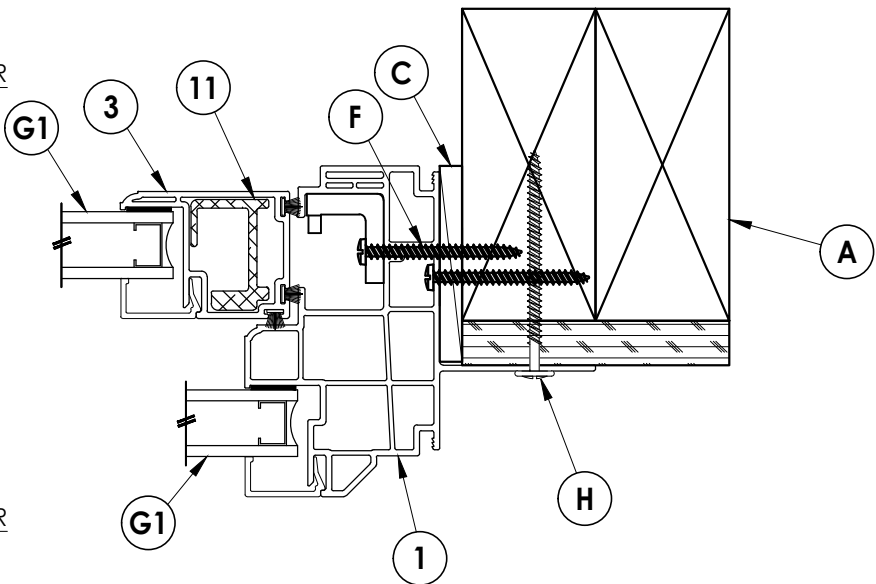
G1 GLAZING DETAIL



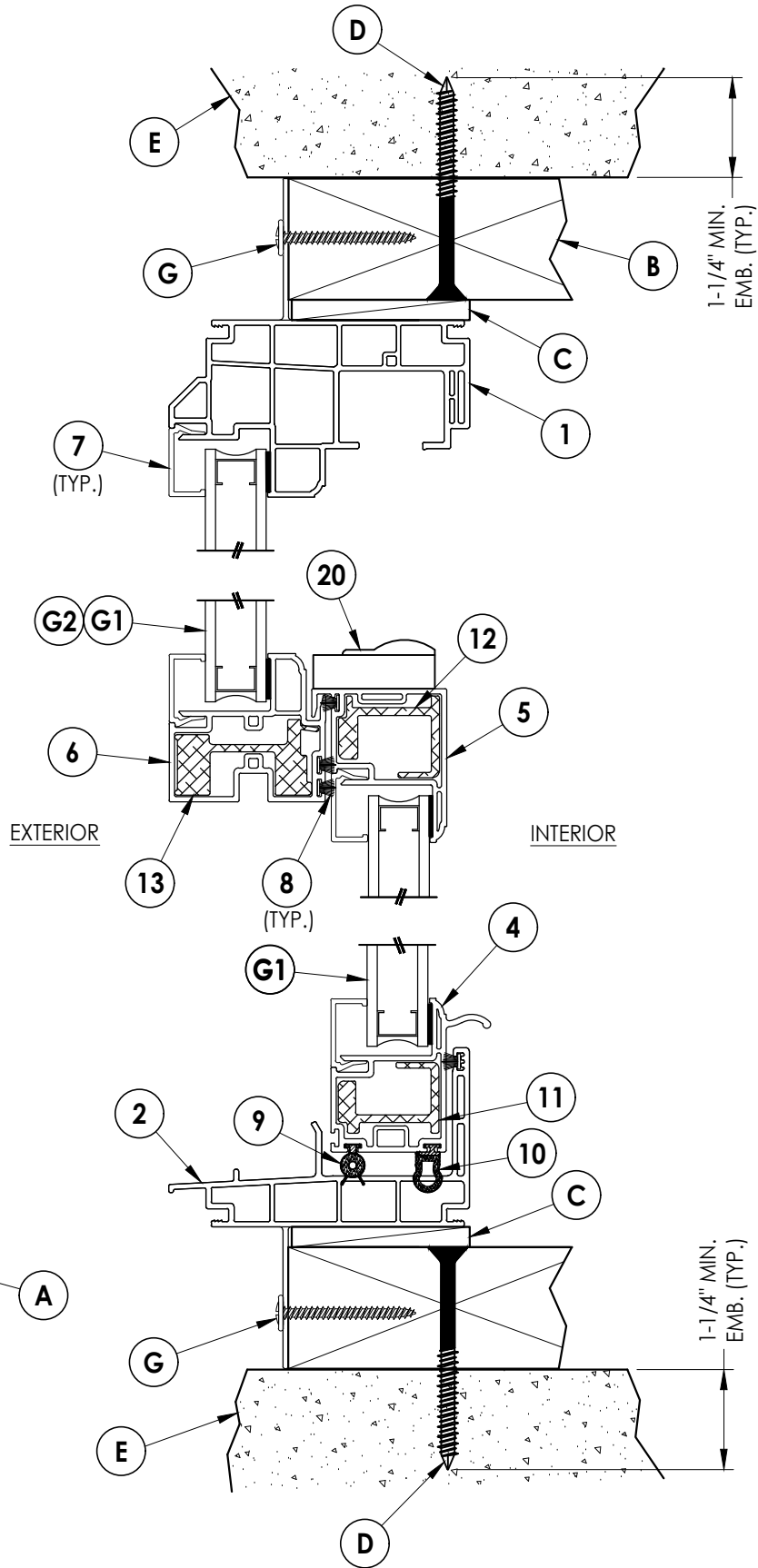
G2 GLAZING DETAIL



1
2 HORIZONTAL CROSS SECTION
Shown w/ 2X Buck



2
2 HORIZONTAL CROSS SECTION
Shown w/ 2X Stud Construction



3
2 HORIZONTAL CROSS SECTION
Shown w/ 2X buck

Documents Prepared By:
Lyndon F. Schmidt
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PRODUCT: 8400 SERIES
SINGLE HUNG WINDOW

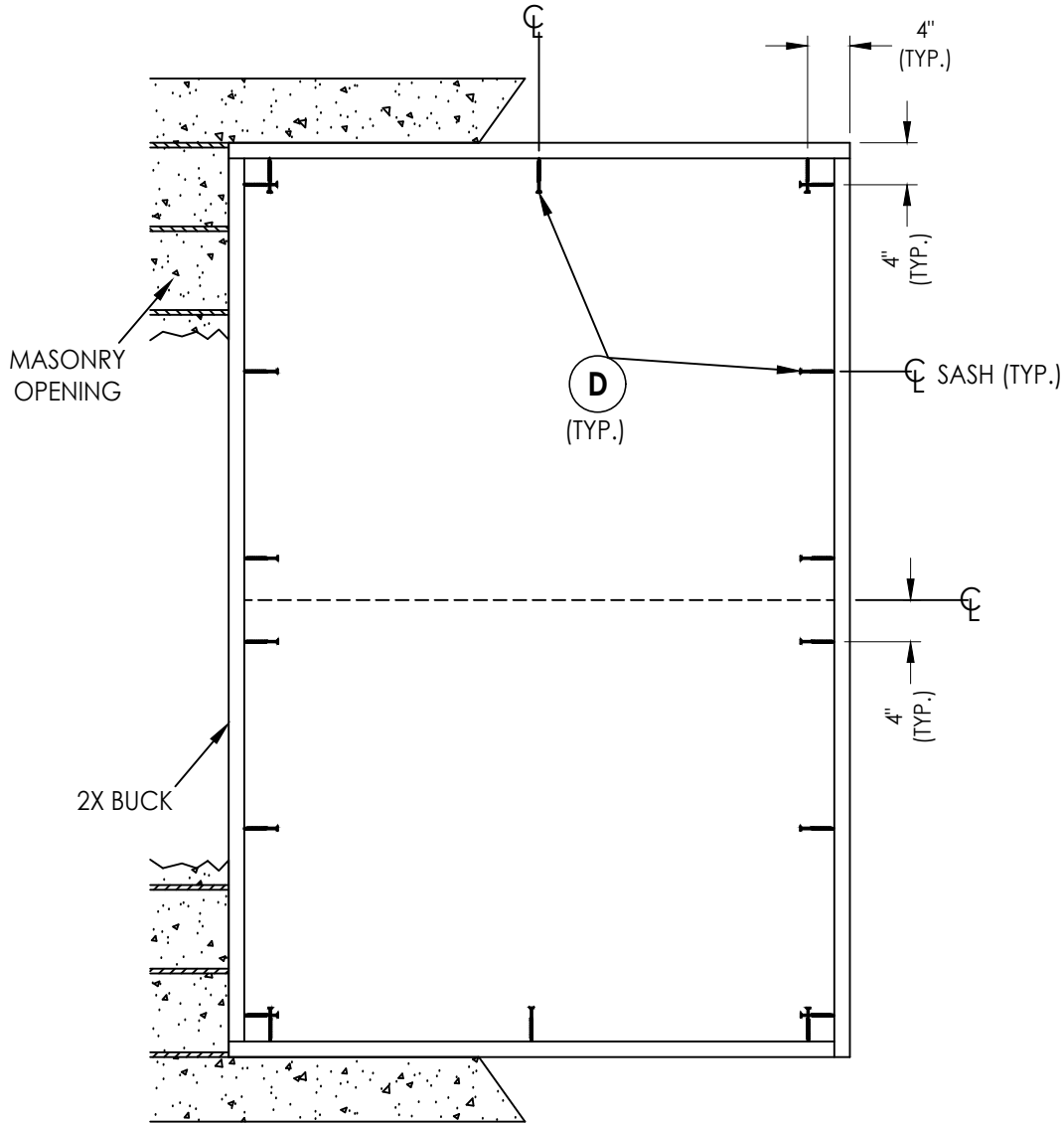
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS & GLAZING DETAILS

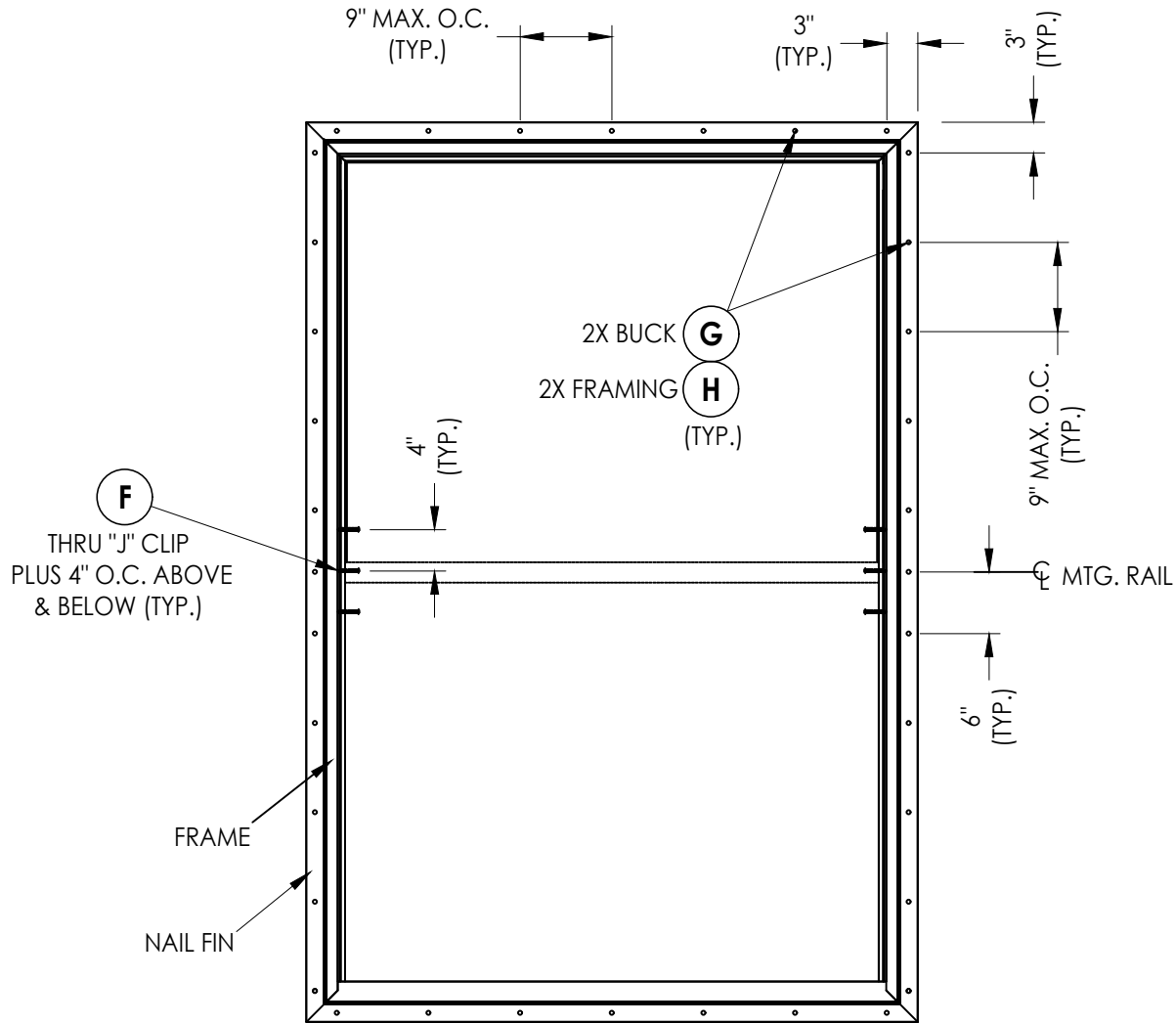
NO.	DATE	REVISIONS
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LFS	BY	

DATE: 9/24/25
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-17088.11
SHEET 2 OF 5

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BUCK ANCHORING
56" X 84" MAX. FRAME SIZE



FRAME ANCHORING
56" X 84" MAX. FRAME SIZE

CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

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:
8400 SERIES
SINGLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
		LFS
		BY

DATE: 9/24/25

SCALE: N.T.S.

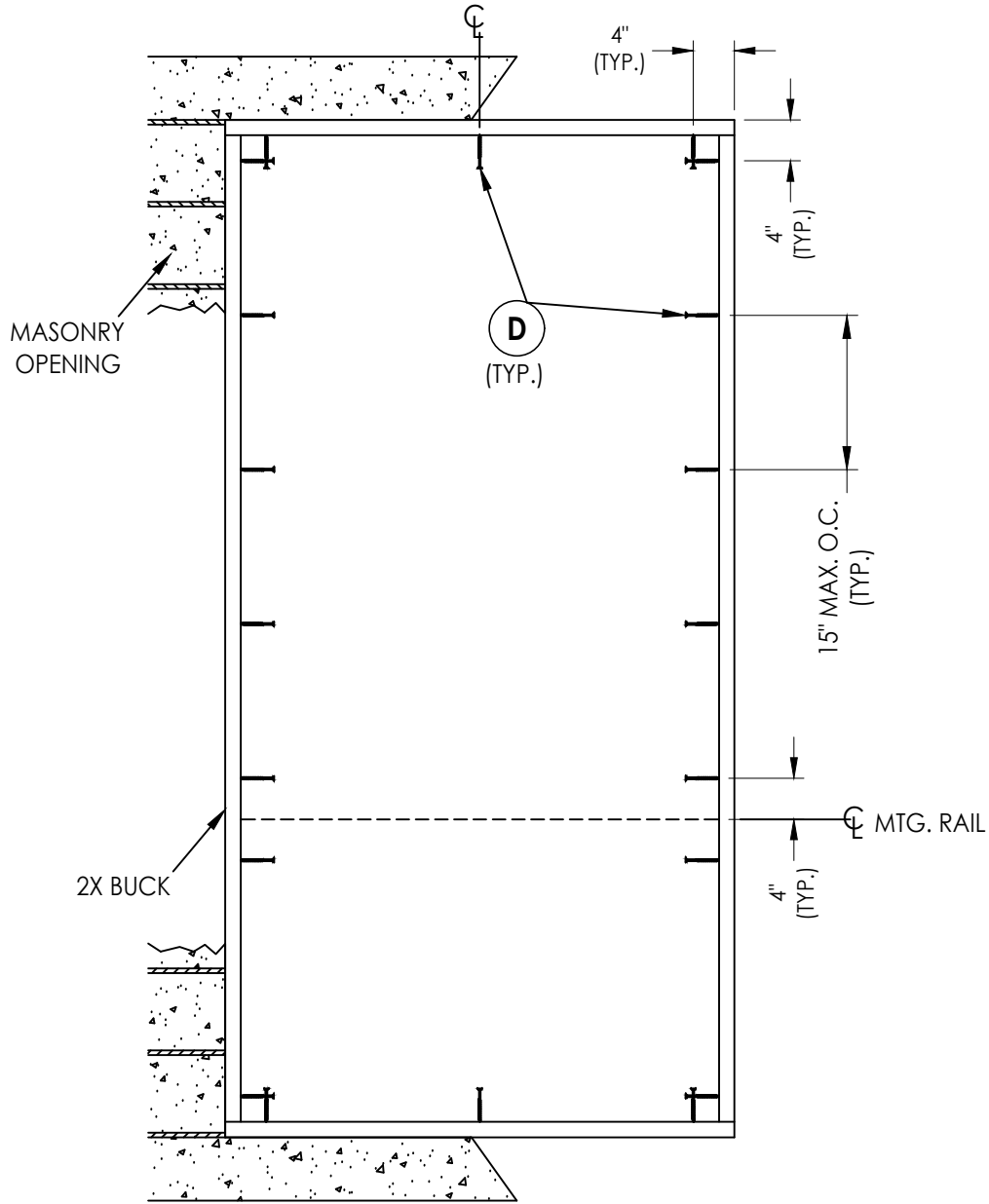
DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-17088.11

SHEET 3 OF 5

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BUCK ANCHORING
48" X 96" MAX. FRAME SIZE

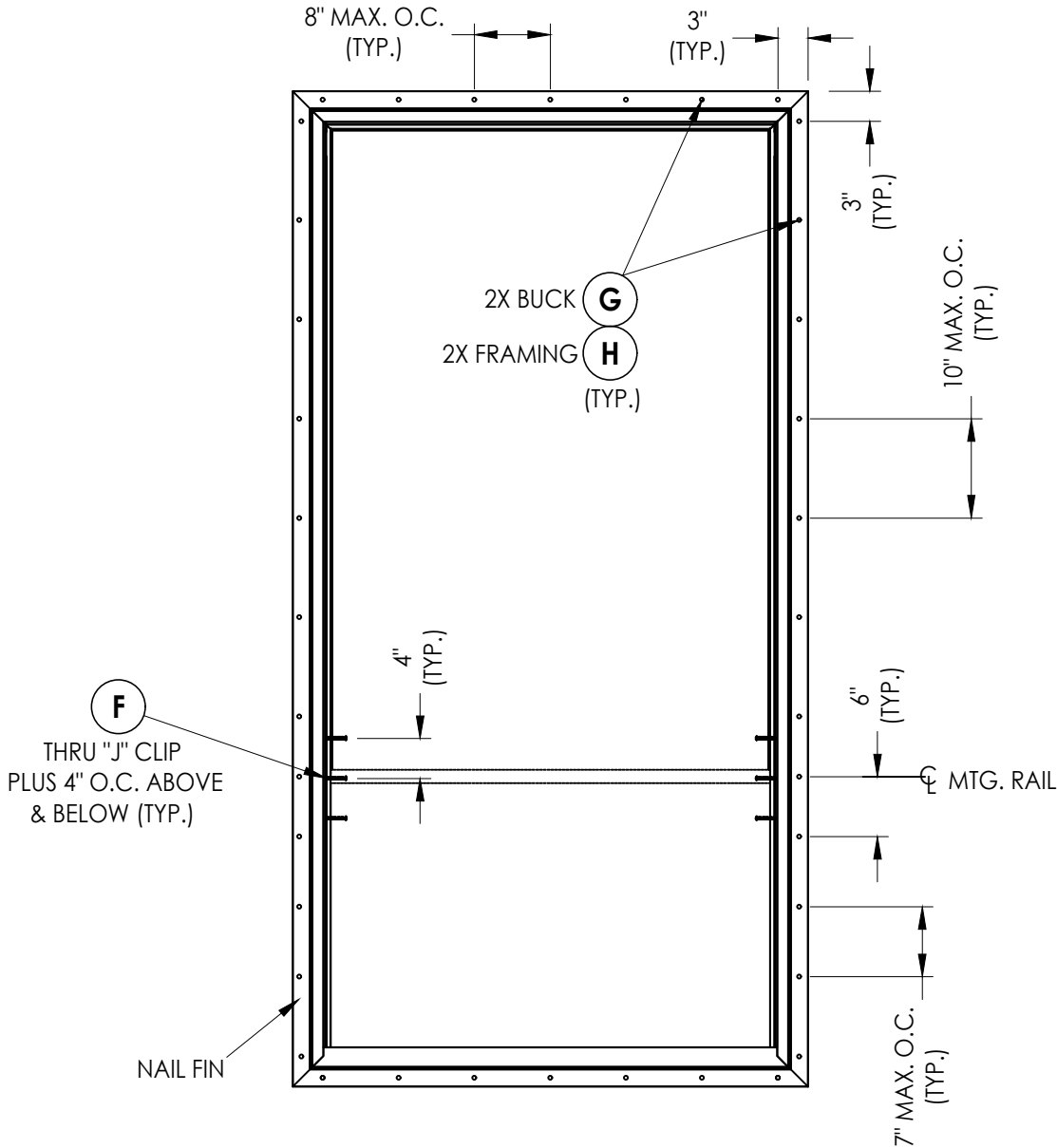
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- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



FRAME ANCHORING
48" X 96" MAX. FRAME SIZE

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: 8400 SERIES
SINGLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
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DATE: 9/24/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

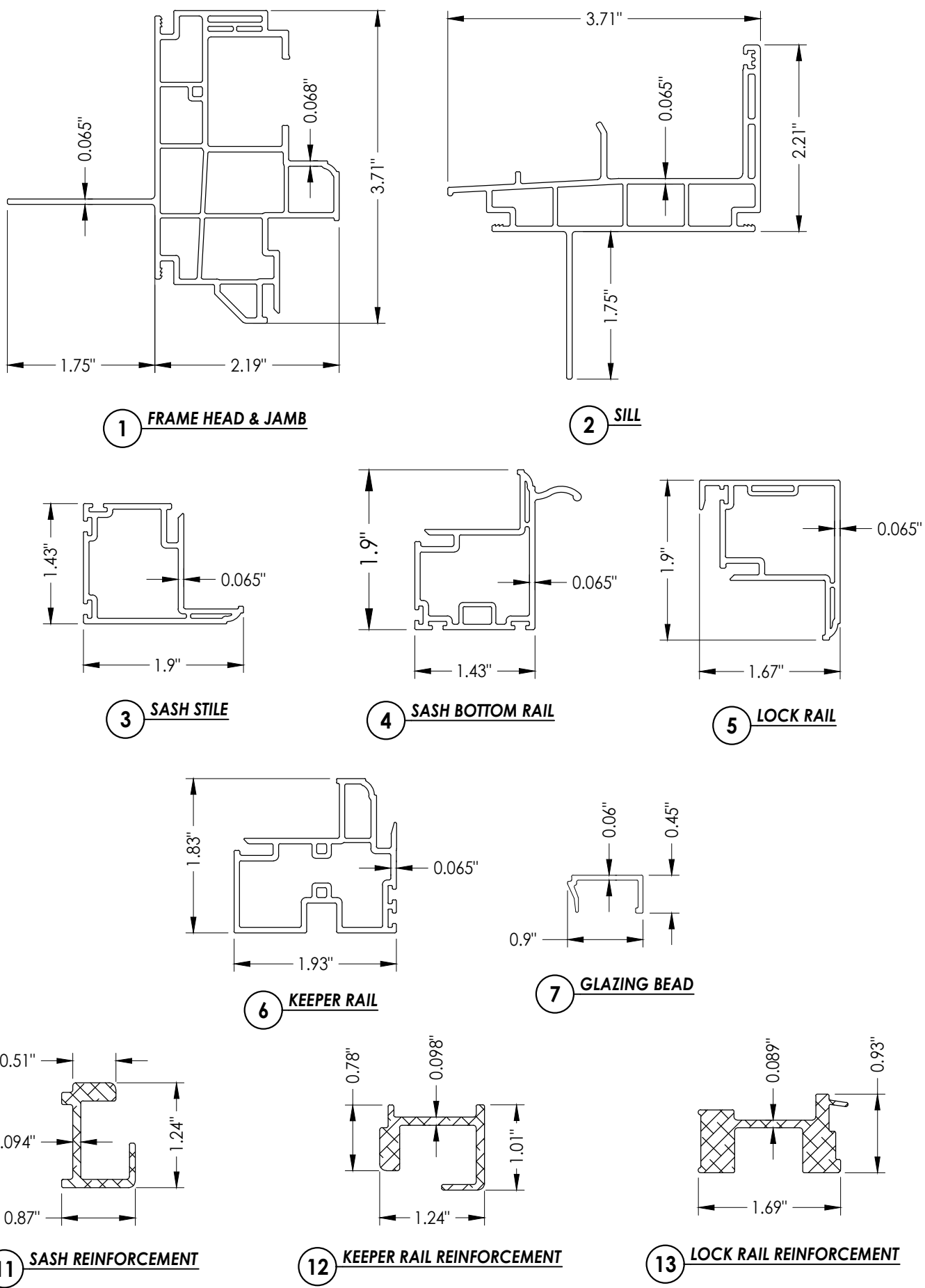
DRAWING NO.:

FL-17088.11

SHEET 4 OF 5

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 1-3/4" PPH SMS (1-7/16" MIN. EMBEDMENT)	STEEL
G	#8 X 1-5/8" MODIFIED TRUSS HEAD (7/16" Ø) SMS (1-1/2" MIN. EMBEDMENT)	STEEL
H	#8 X 2-1/4" MODIFIED TRUSS HEAD (7/16" Ø) SMS (1-1/2" MIN. EMBEDMENT)	STEEL
1	FRAME HEAD & JAMB*	PVC
2	SILL*	PVC
3	SASH STILE*	PVC
4	SASH BOTTOM RAIL*	PVC
5	KEEPER RAIL*	PVC
6	LOCK RAIL*	PVC
7	GLAZING BEAD*	PVC
8	WEATHERSTRIP - FIN	-
9	WEATHERSTRIP - BULB	-
10	WEATHERSTRIP - BULB	-
11	SASH REINFORCEMENT	ALUM
12	KEEPER RAIL REINFORCEMENT	ALUM
13	LOCK RAIL REINFORCEMENT	ALUM
20	LOCK	-

* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".

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