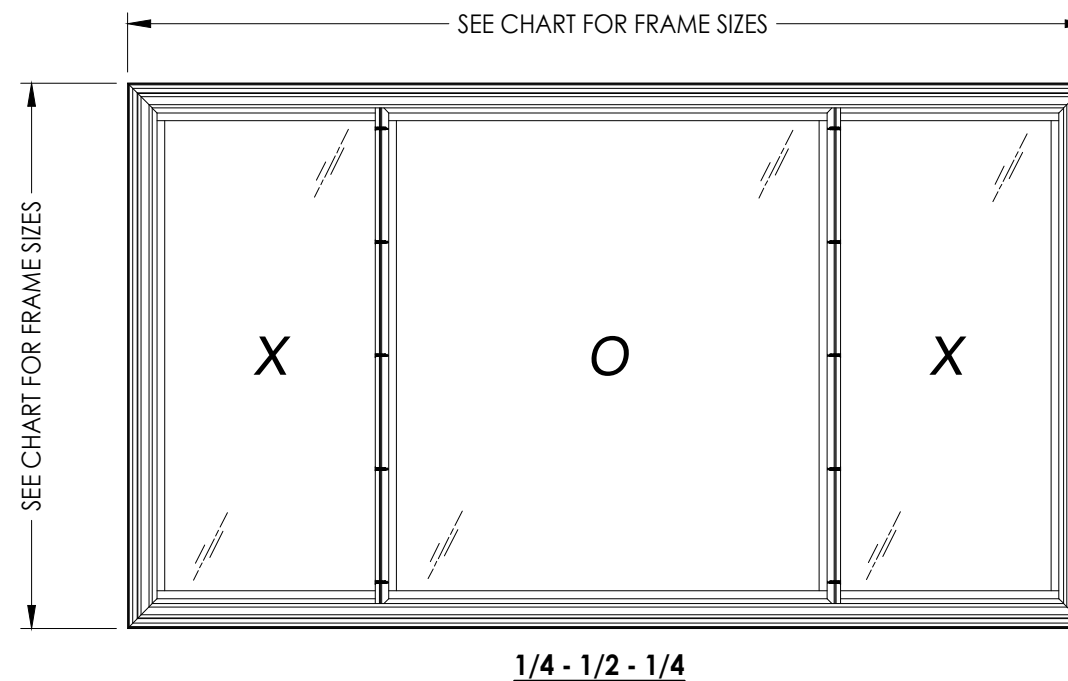


This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



CONFIGURATION	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
1/3 - 1/3 - 1/3	111.0" X 63.0"	32.75" x 54.25"	G1	+50.0	-55.0
1/4 - 1/2 - 1/4	111.0" X 63.0"	24.25" x 54.25" 49.75" x 54.25"	G1 G2	+55.0	-60.0

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. This product meets the water infiltration requirements for the "HVHZ".

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Buck and frame anchoring
5	Components
6	Bill of materials & glazing details

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: SOFT-LITE WINDOWS

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

[illegible]

DATE: 6/21/17

SCALE: N.T.S.

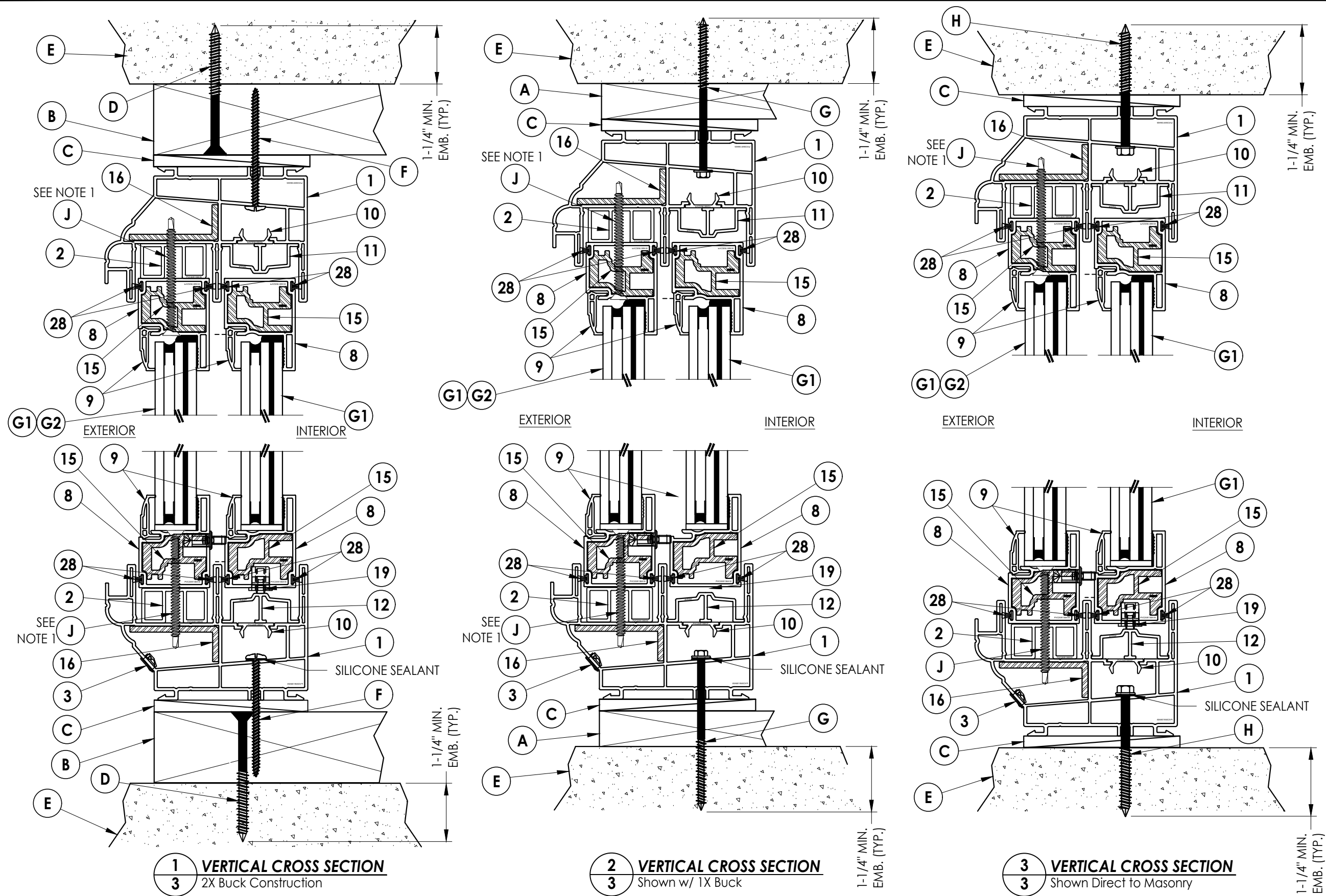
DWG. BY: JK

CHK. BY: LFS

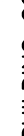
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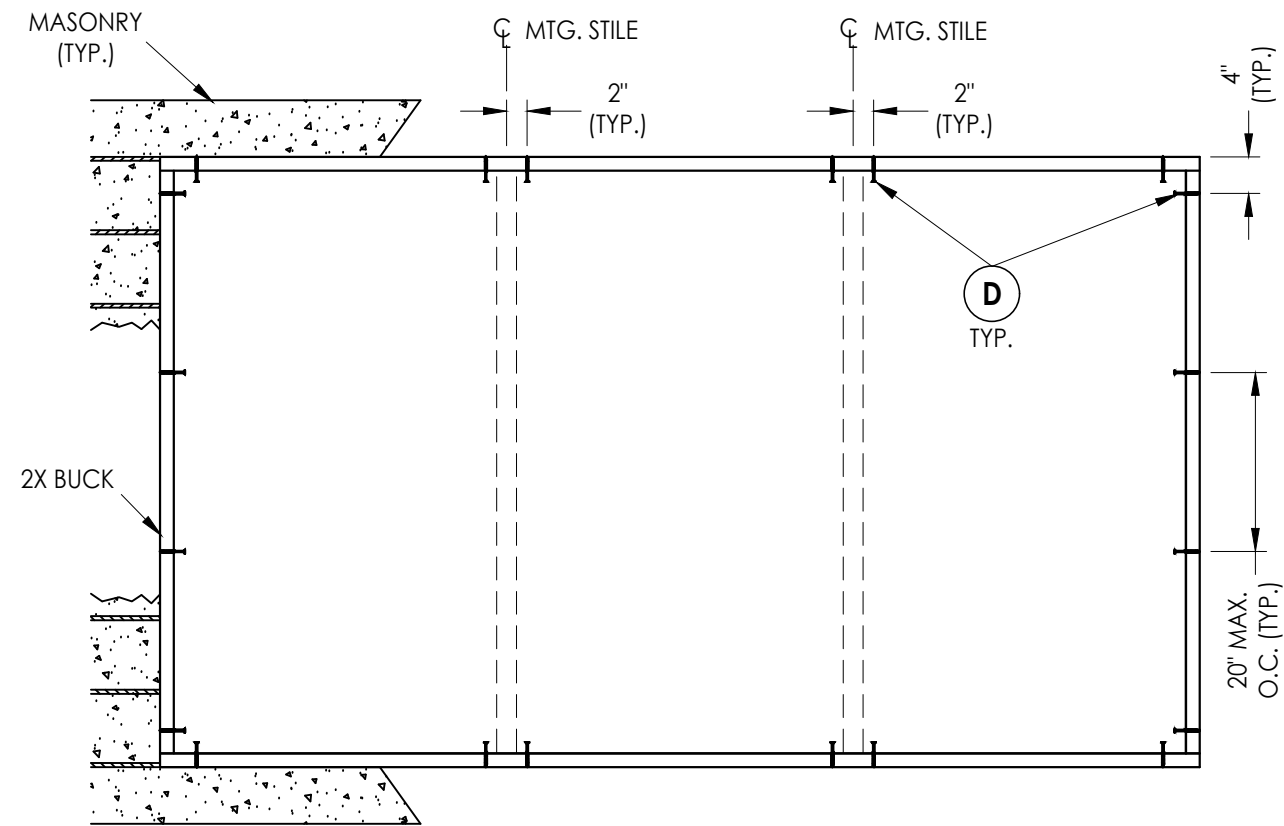
FL-15781.14

SHEET 1 OF 6

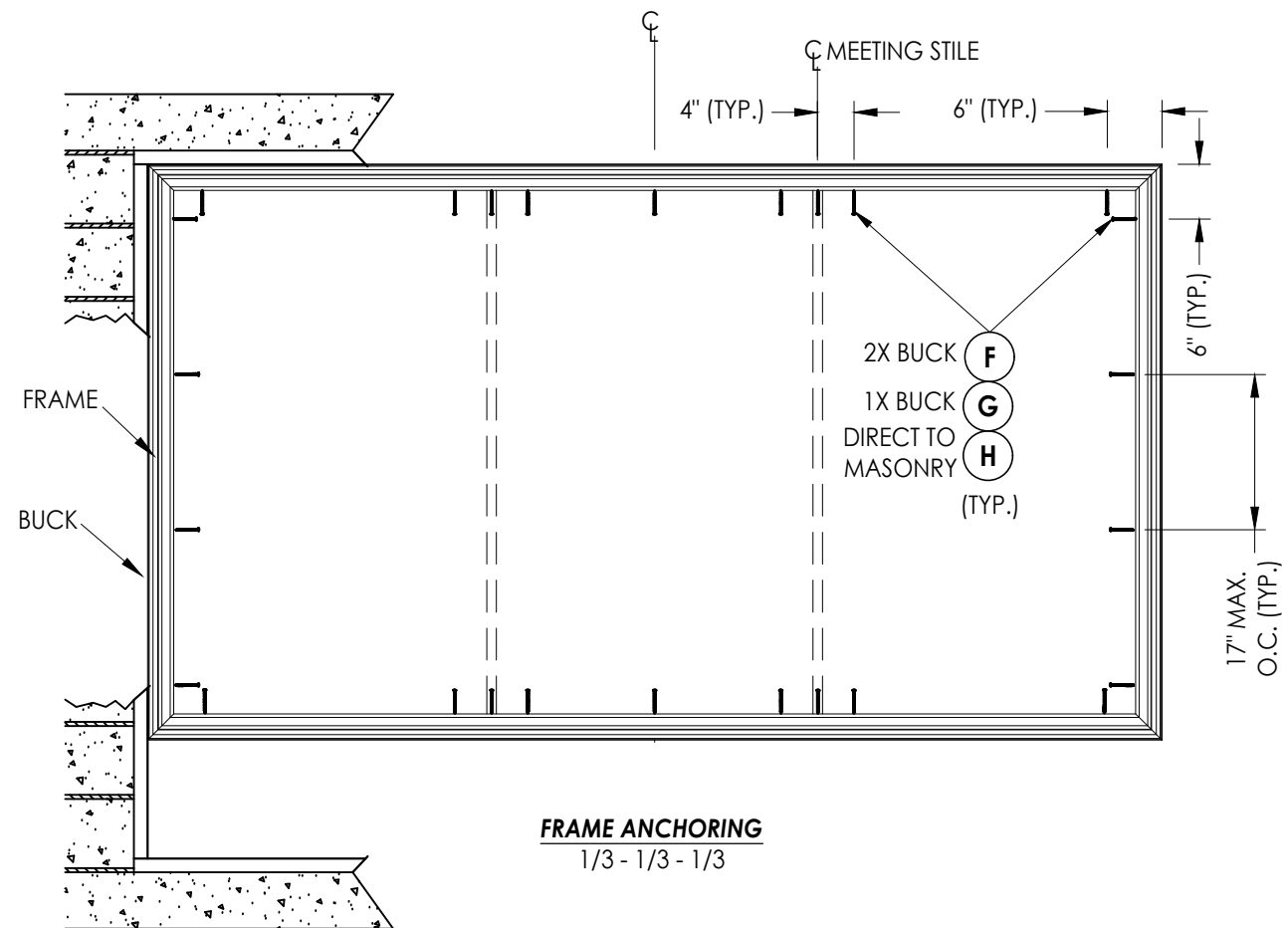


NOTE:
1. Item #J located at 3" and 4-1/2" from each end and one at the center of sash (5 total).

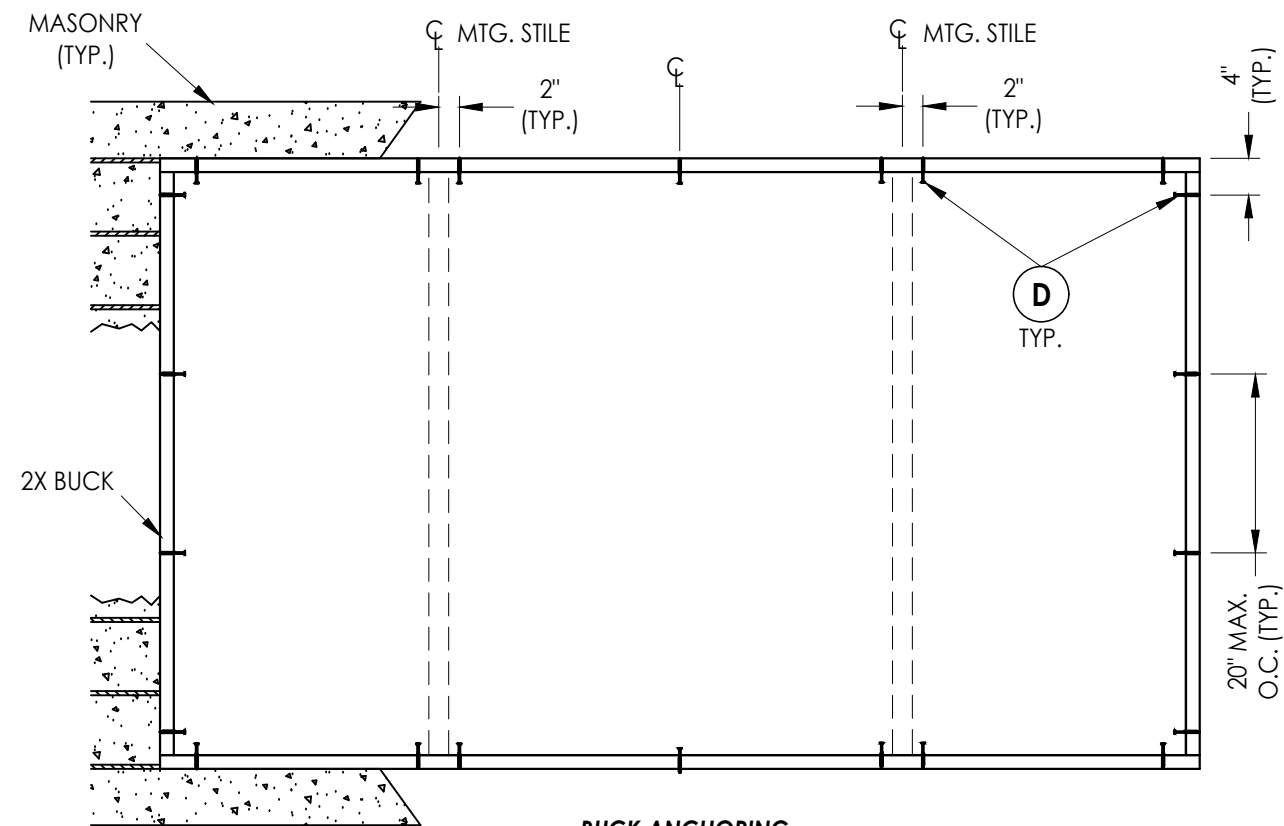
DATE: 6/21/17		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		SOFT-LITE WINDOWS		Lyndon F. Schmidt	
DWG. BY: JK				P.E. No. 43409	
CHK. BY: LFS					
DRAWING NO.: FL-15781.14					
SHEET 3 OF 6					
		PART OR ASSEMBLY:		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
		VERTICAL			
		CROSS SECTIONS			
NO. DATE		REVISIONS			
4 7/05/23		UPDATE TO 8TH ED. (2023) FBC		LFS	
3 2/01/22		REVISE GLAZING DETAILS		LFS	
2 7/13/20		UPDATE TO 7TH ED. (2020) FBC		LFS	
1 11/12/18		ADD ALTERNATE ENDUR SPACER		LFS	
BY					



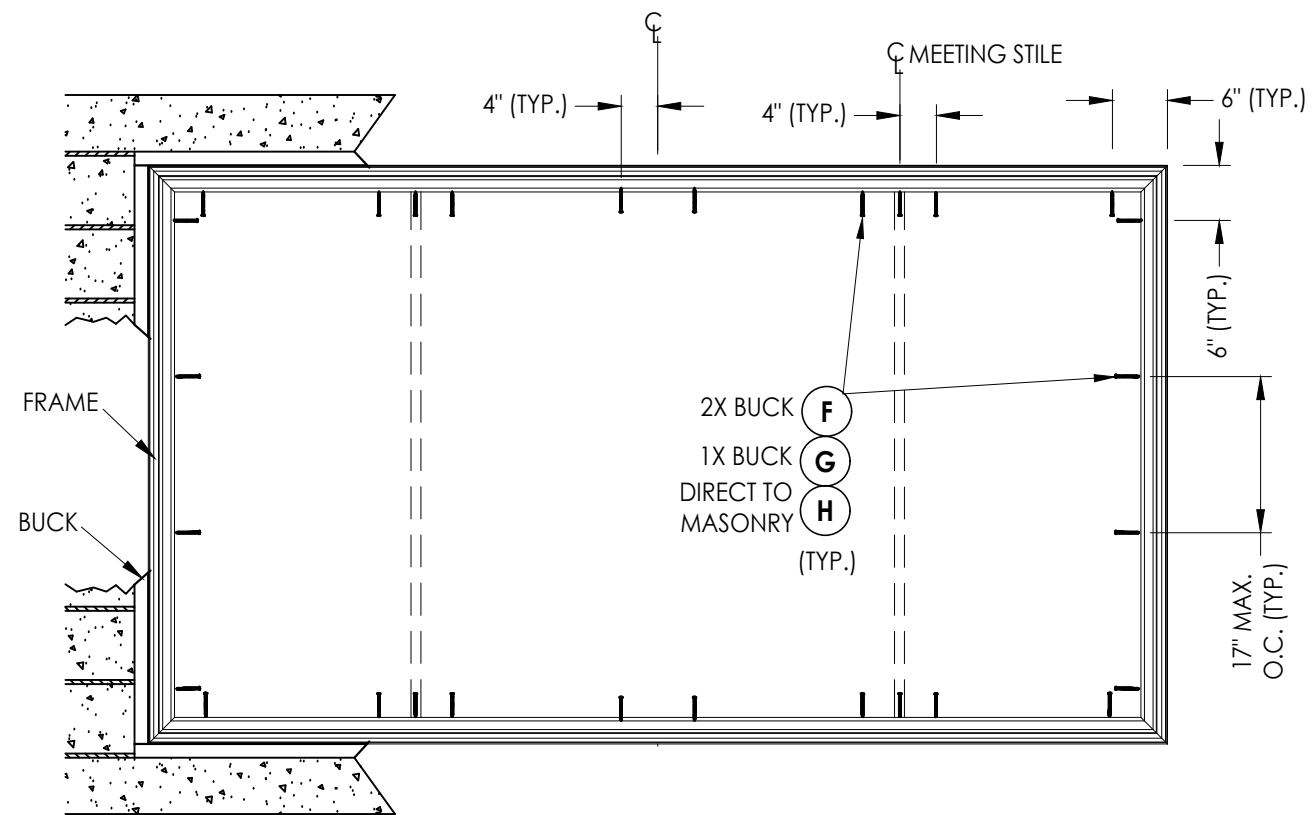
BUCK ANCHORING
1/3 - 1/3 - 1/3



FRAME ANCHORING
1/3 - 1/3 - 1/3



BUCK ANCHORING
1/4 - 1/2 - 1/4



FRAME ANCHORING
1/4 - 1/2 - 1/4

4	7/05/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	2/01/22	REVISE GLAZING DETAILS		LFS	
2	7/13/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	11/12/18	ADD ALTERNATE ENDUR SPACER		LFS	
NO.	DATE			BY	
					REVISIONS

DATE: 6/21/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

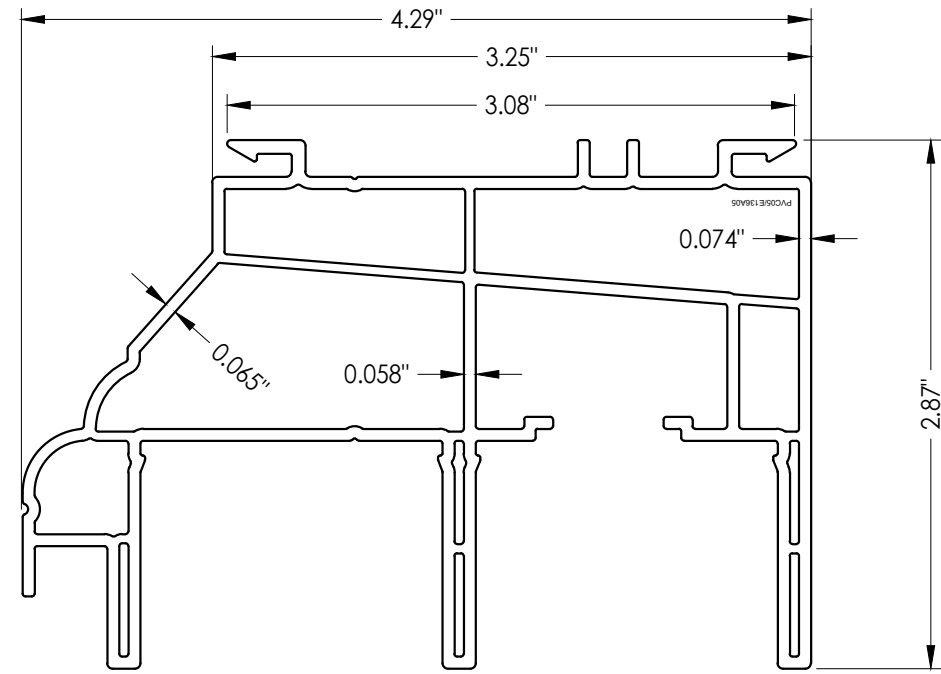
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SHEET 4 OF 6

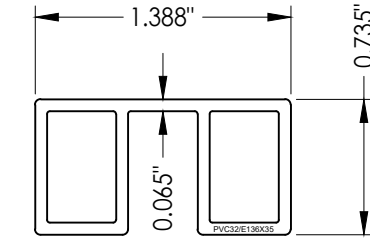
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

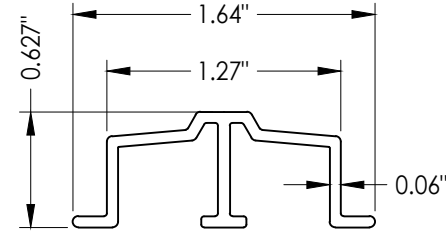
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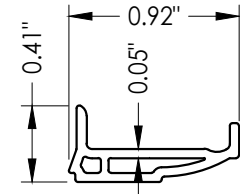
1 FRAME



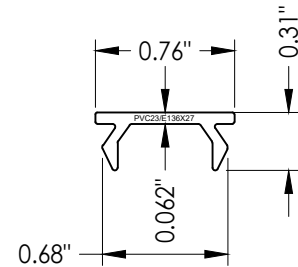
2 HS FIXED PANEL SPACER



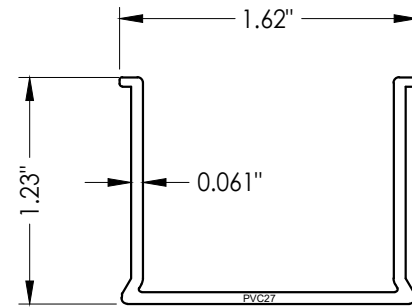
11 ANTLIFT TRACK



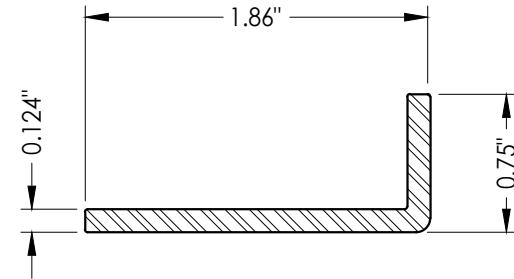
9 GLAZING BEAD



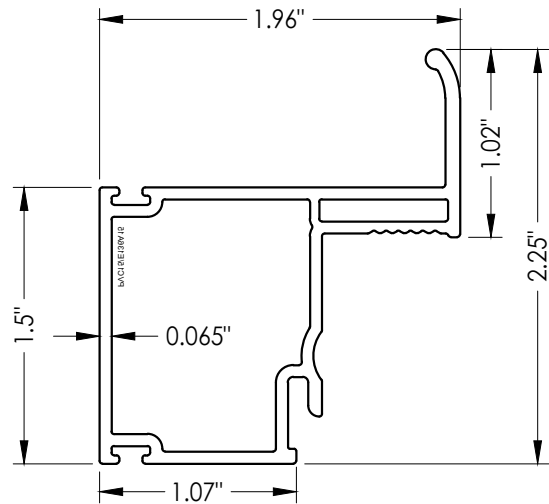
10 DSL COVER



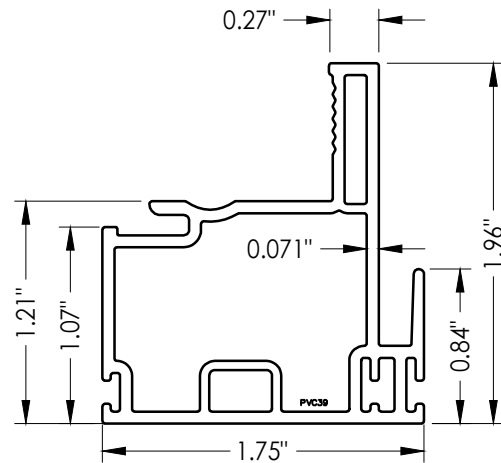
4 DSL FRAME FILLER



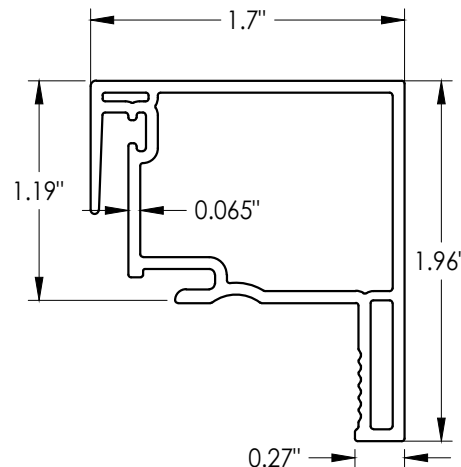
16 REINFORCEMENT



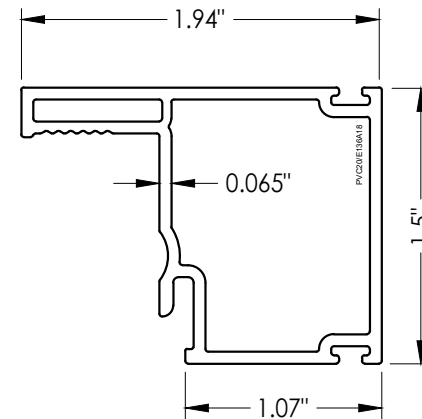
5 DSL HANDLE SASH



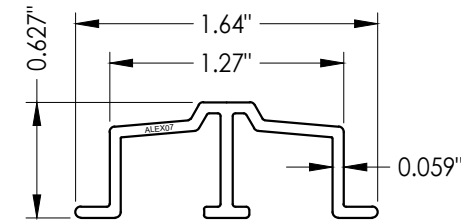
6 KEEPER RAIL



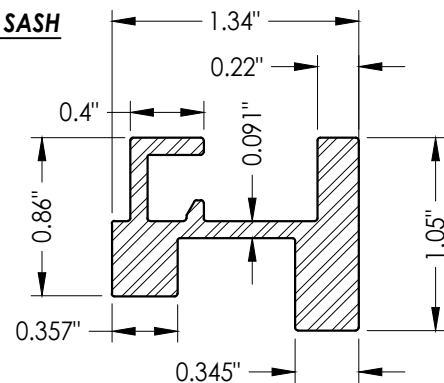
7 LOCK RAIL



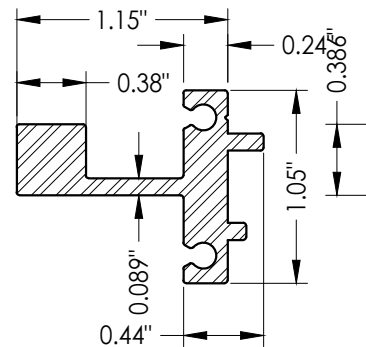
8 DSL MAIN SASH



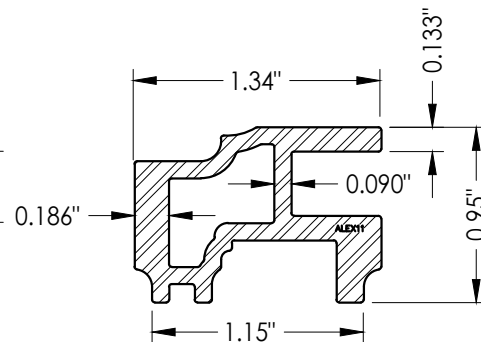
12 SILL ROLLER TRACK



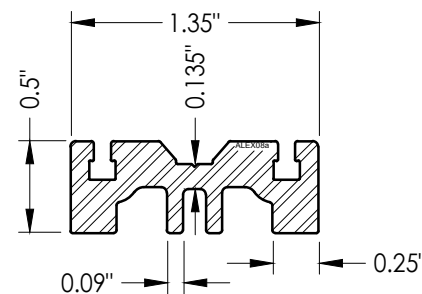
13 REINFORCEMENT



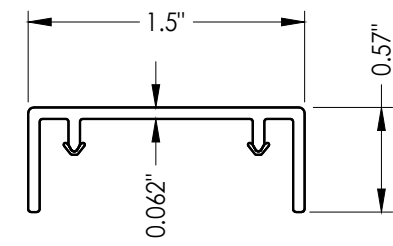
14 REINFORCEMENT



15 REINFORCEMENT



17 REINFORCEMENT



23 PVC COVER FOR HS REINFORCING BAR

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:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
COMPONENTS

NO.	DATE	REVISIONS
4	7/05/23	UPDATE TO 8TH ED. (2023) FBC
3	2/01/22	REVISE GLAZING DETAILS
2	7/13/20	UPDATE TO 7TH ED. (2020) FBC
1	11/12/18	ADD ALTERNATE ENDUR SPACER

DATE: 6/21/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

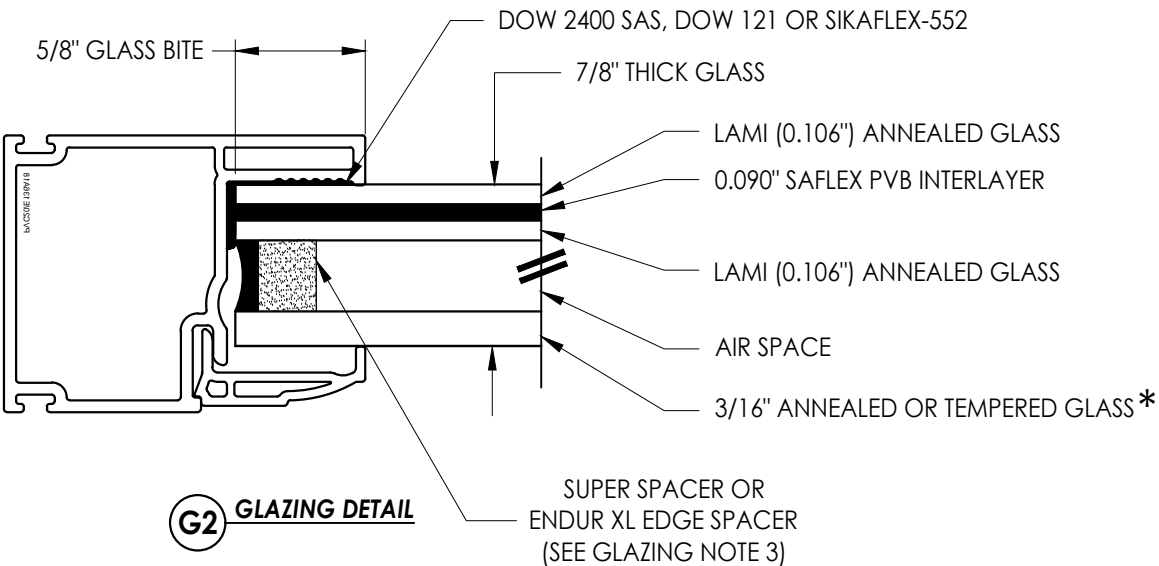
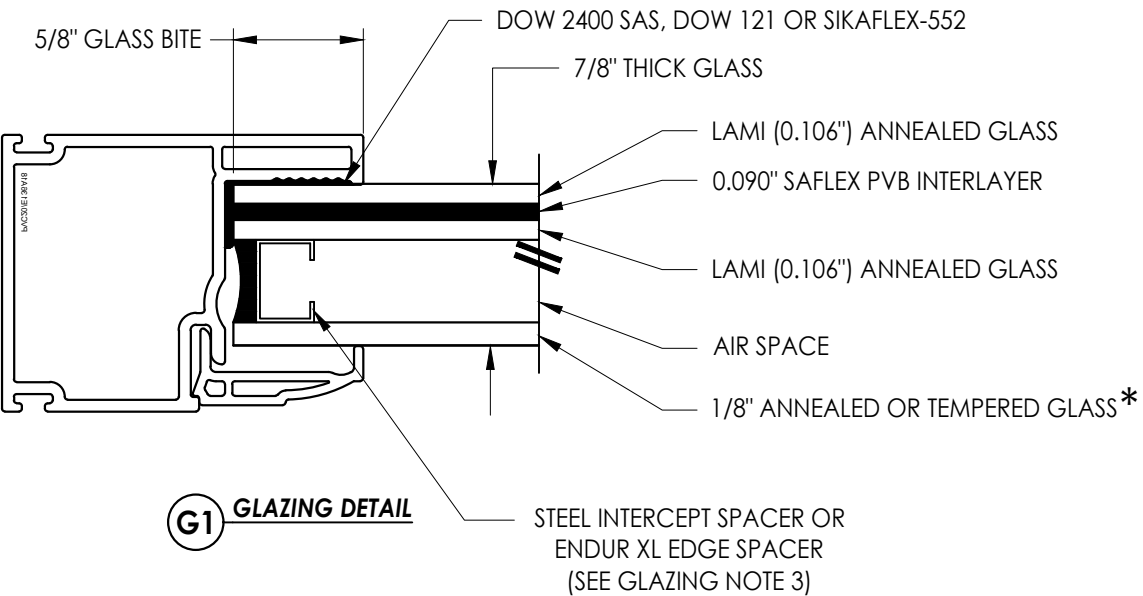
DRAWING NO.:

FL-15781.14

SHEET 5 OF 6

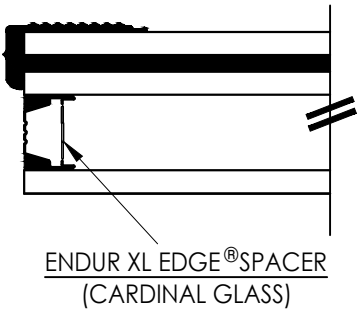
BILL OF MATERIALS		
ITEM #		MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8-15 X 2-1/2" TRUSS HEAD SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
H	1/4" X 2-3/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
J	#10-16 X 2-1/2" PFH TEK SS	SS
1	FRAME*	PVC
2	HS FIXED PANEL SPACER*	PVC
3	WEEP HOLE COVER*	PVC
4	DSL FRAME FILLER*	PVC
5	DSL HANDLE SASH*	PVC
6	KEEPER RAIL*	PVC
7	LOCK RAIL*	PVC
8	DSL MAIN SASH*	PVC
9	GLAZING BEAD*	PVC
10	DSL COVER*	PVC
11	ANTILIFT TRACK*	PVC
12	ROLLER SILL TRACK	ALUM.
13	REINFORCEMENT (6065-T5 ALUM)	ALUM.
14	REINFORCEMENT (6065-T5 ALUM)	ALUM.
15	REINFORCEMENT (6065-T5 ALUM)	ALUM.
16	REINFORCEMENT (6065-T5 ALUM)	ALUM.
17	REINFORCEMENT (6065-T5 ALUM)	ALUM.
19	ROLLER ASSM.	-
20	LOCK	-
21	LOCK KEEPER	-
22	#7 X 3/4" PFH TEK (LOCK)	SS
23	PVC COVER FOR HS REINFORCING BAR (ITEM #17)*	PVC
26	#8 X 1" PPH TEK (KEEPER)	SS
28	WEATHERSTRIP (187-270 TRI-FIN)	-

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



"HVHZ" GLAZING NOTES:

1. GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1.
2. * TEMPERED GLASS IS REQUIRED FOR EXTERIOR GLASS GREATER THAN 30 FEET ABOVE GROUND.
3. THE ENDUR STAINLESS STEEL XL EDGE® SPACER MAY BE USED AS A SUBSTITUTE SPACER IN EACH GLAZING DETAIL SHOWN.



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.

DATE: 6/21/17		PRODUCT: SOFT-LITE WINDOWS	
SCALE: N.T.S.		PART OR ASSEMBLY:	
DWG. BY: JK		BILL OF MATERIALS AND GLAZING DETAIL	
CHK. BY: LFS			
DRAWING NO.: FL-15781.14			
SHEET 6 OF 6			

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

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