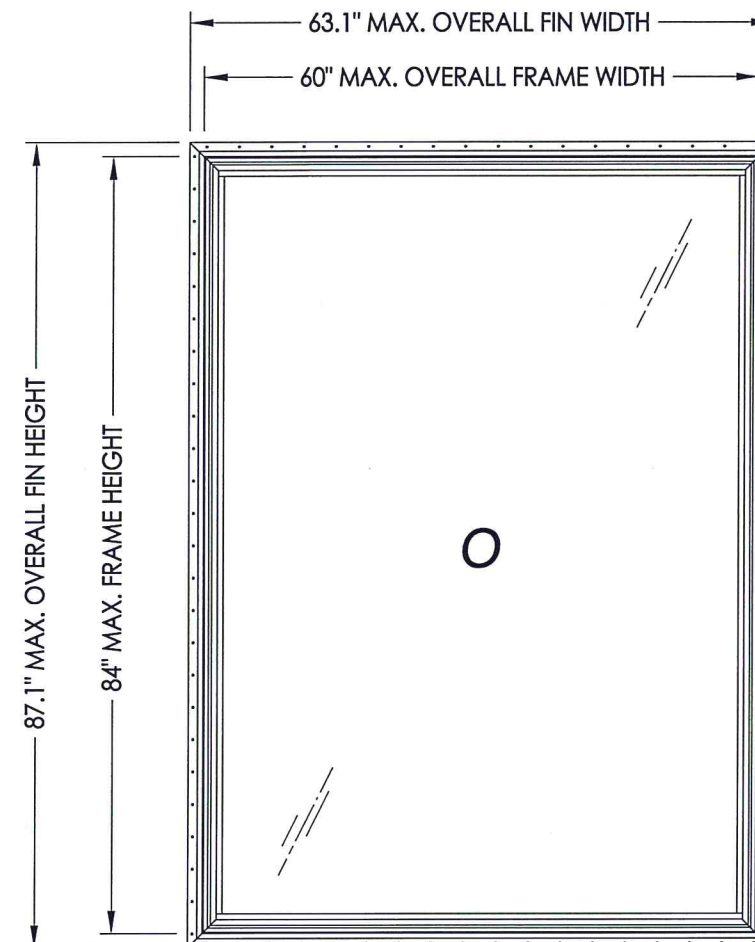


GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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 Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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 water infiltration requirements for "HVHZ".

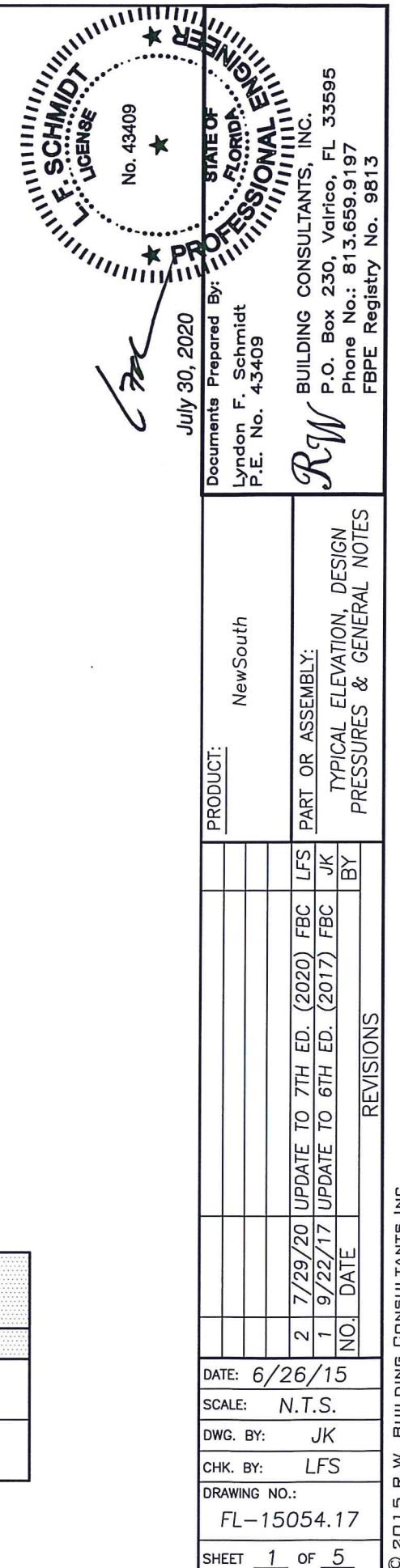
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Horizontal cross sections
3	Buck & frame anchoring
4	Buck & frame anchoring
5	Bill of materials, components & glazing details



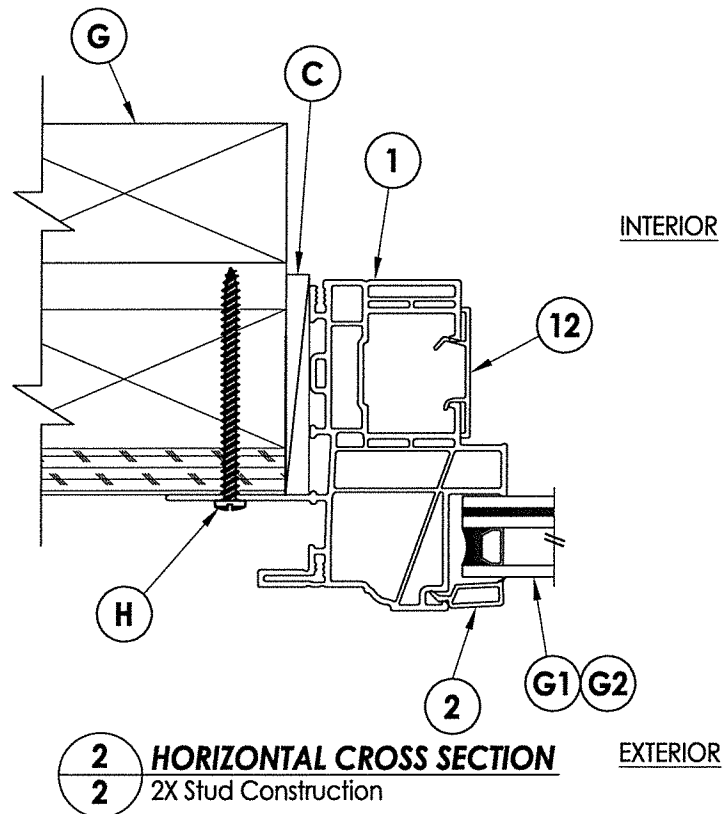
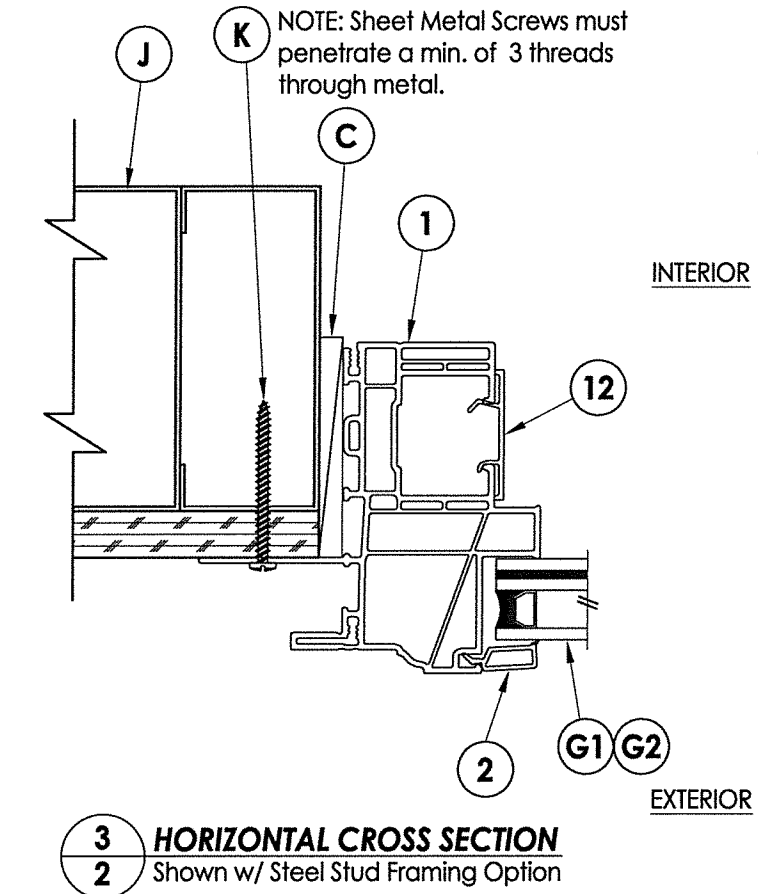
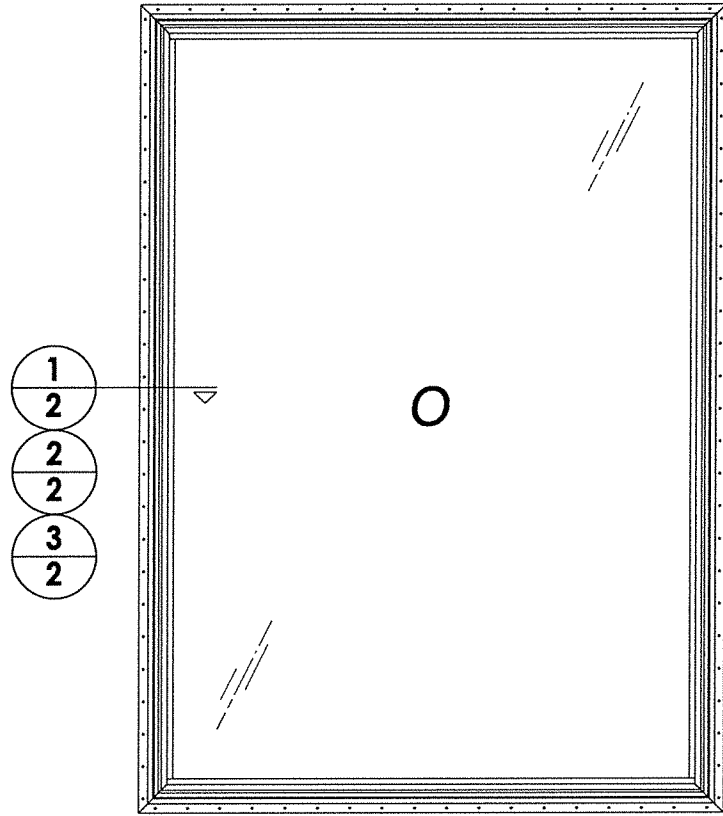
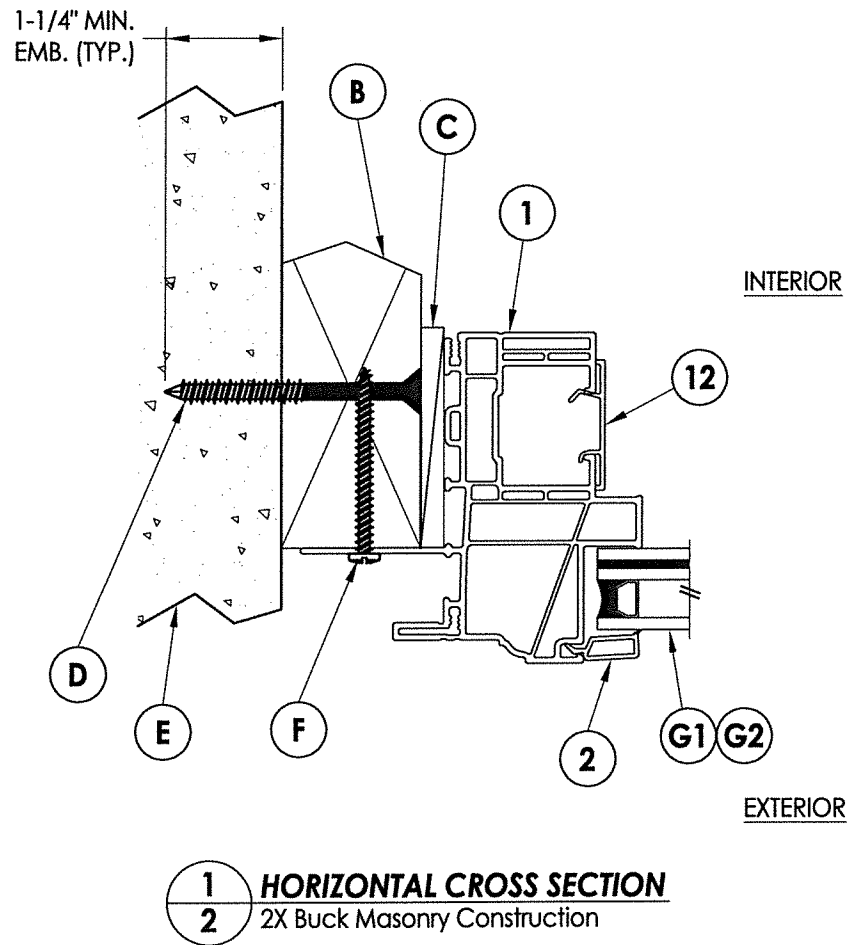
NOTE: VERTICAL ORIENTATION SHOWN (HORIZONTAL ORIENTATION ALSO APPROVED)

MAX. OVERALL FIN DIMENSION	MAX. OVERALL FRAME DIMENSION	MAX DAY LITE DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
39.1" X 75.1"	36.0" X 72.0"	31.75" X 67.75"	G1	+70.0	-70.0
63.1" X 87.1"	60.0" X 84.0"	55.75" X 79.75"	G2	+60.0	-60.0

Note: This product is not approved for use above 30 feet in the "HVHZ".



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

July 30, 2020

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

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

PRODUCT: NewSouth

PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
2	7/29/20	UPDATE TO 7TH ED. (2020) FBC
1	9/22/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15054.17

SHEET 2 OF 5

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7" MAX. O.C. (TYP.)

3" MAX. (TYP.)

3" MAX. (TYP.)

7" MAX. O.C. (TYP.)

FRAME

2X BUCK

MASONRY OPENING

F (TYP.)

2X/STEEL STUD FRAMING TO BE DESIGNED BY THE ENGINEER OR ARCHITECT OF RECORD BASED ON WIND LOADS AND THE CLADDING BEING USED.

7" MAX. O.C. (TYP.)

3" MAX. (TYP.)

3" MAX. (TYP.)

7" MAX. O.C. (TYP.)

FRAME

H WOOD

K STEEL (TYP.)



Clients Prepared By: F. Schmidt
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Building Consultants, Inc.
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: NewSouth

PART OR ASSEMBLY:

NO.		DATE		REVISIONS	
2	7/29/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
1	9/22/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
NO.		DATE		BY	

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15054.17

SHEET 3 OF 5

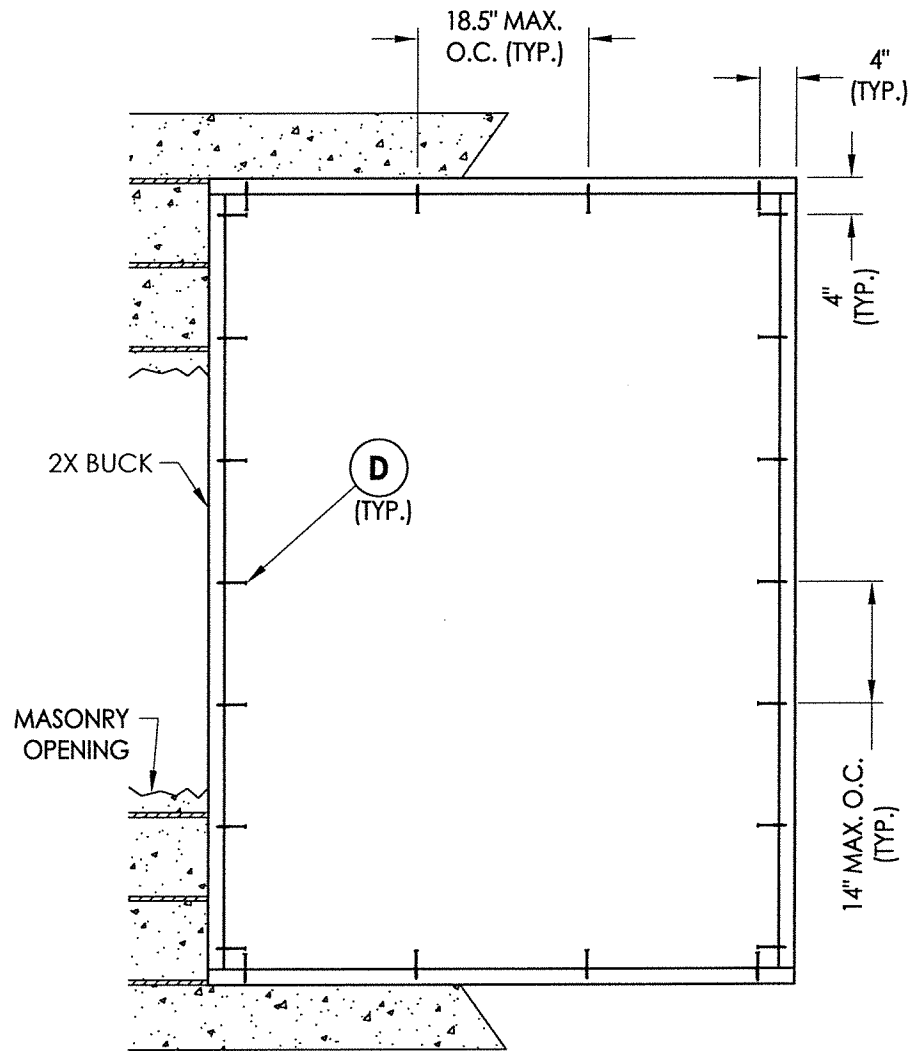
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
3. 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"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

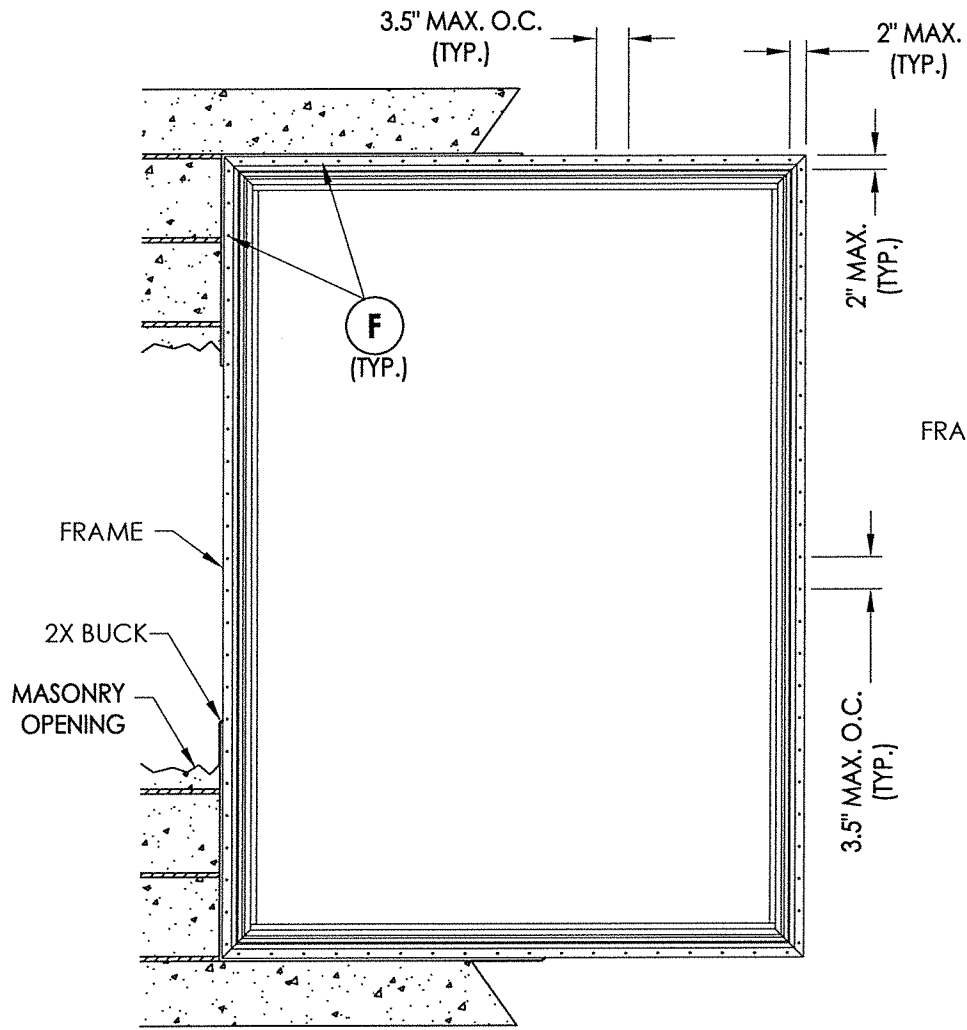
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

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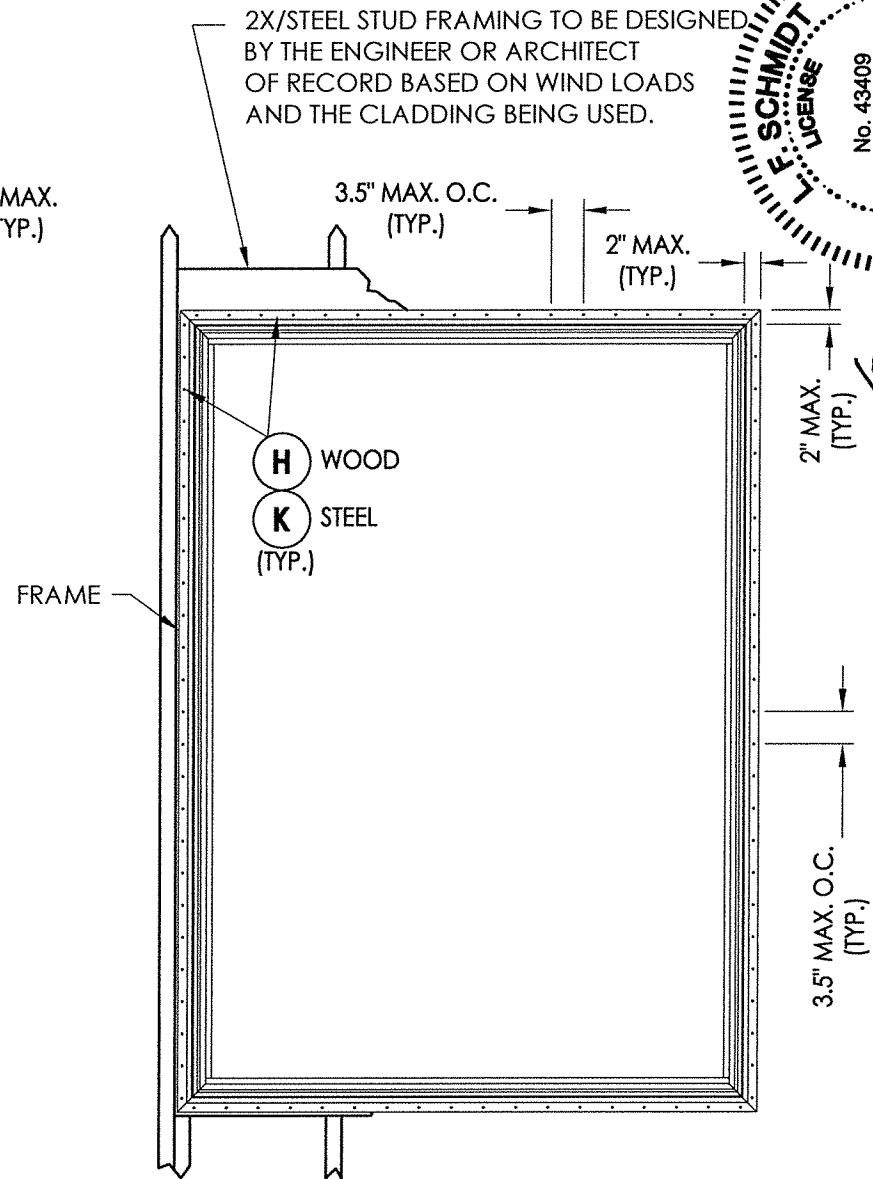
R:\Clients\New South Windows PERMANENT\A - Florida Product Approvals\FL-15054 Fixed\C - Drawings\FL-15054 (2020) R8\FL-15054.17.dwg, 4-1



BUCK ANCHORING
60" x 84"



FRAME ANCHORING
2X Buck Masonry
Construction



FRAME ANCHORING
Stud Construction

60" X 84" MAX FRAME SIZE

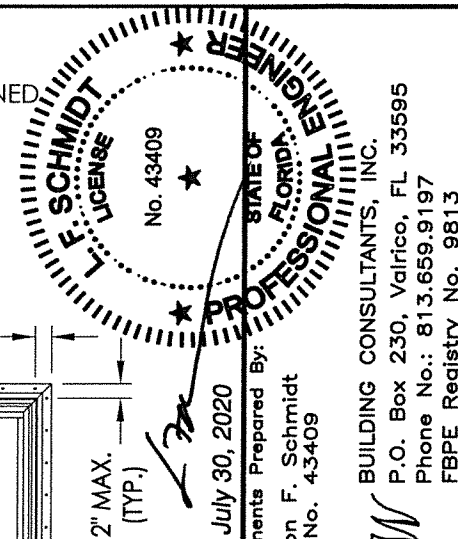
CONCRETE ANCHOR NOTES:

- 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"
ELCO 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.



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

PRODUCT: NewSouth

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

NO.	DATE	REVISIONS
2	7/29/20	UPDATE TO 7TH ED. (2020) FBC
1	9/22/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15054.17

SHEET 4 OF 5

