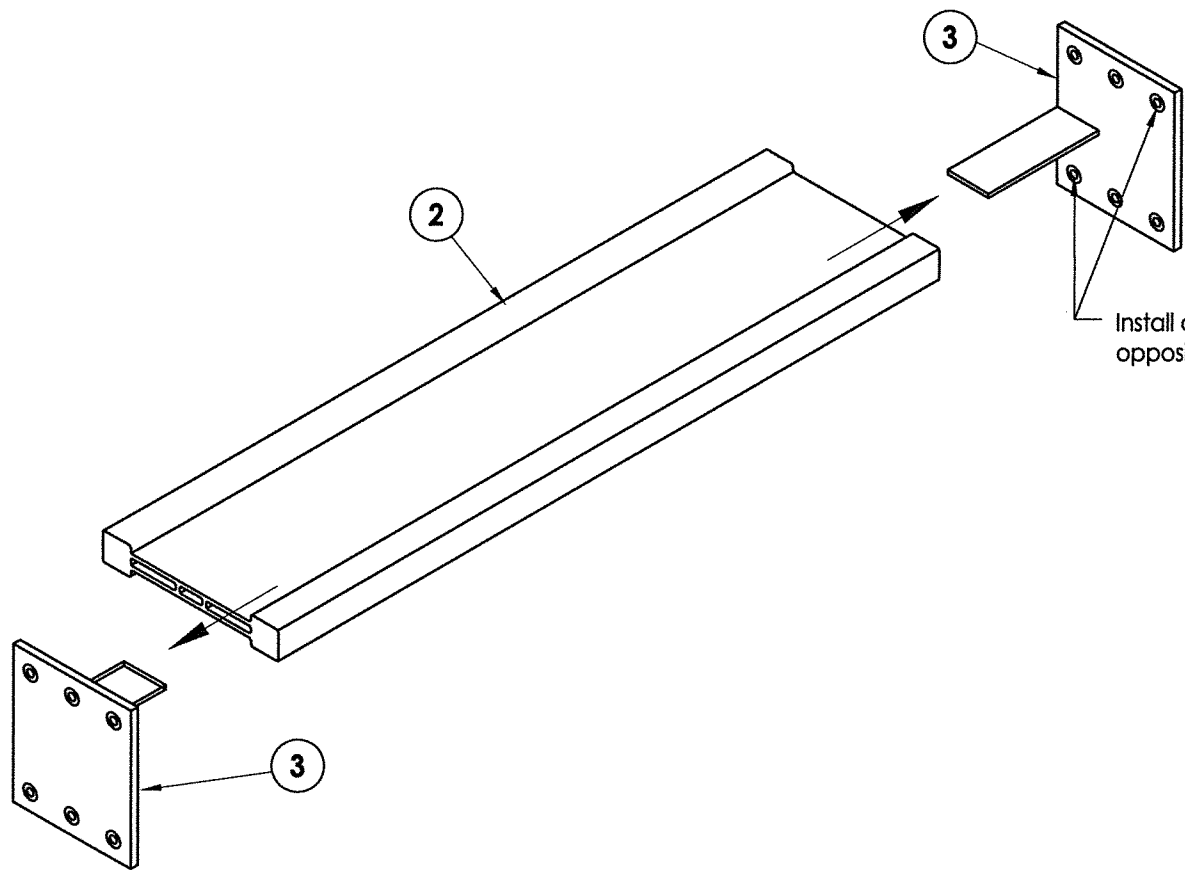
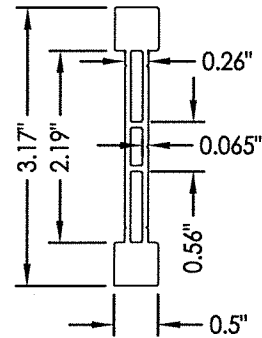




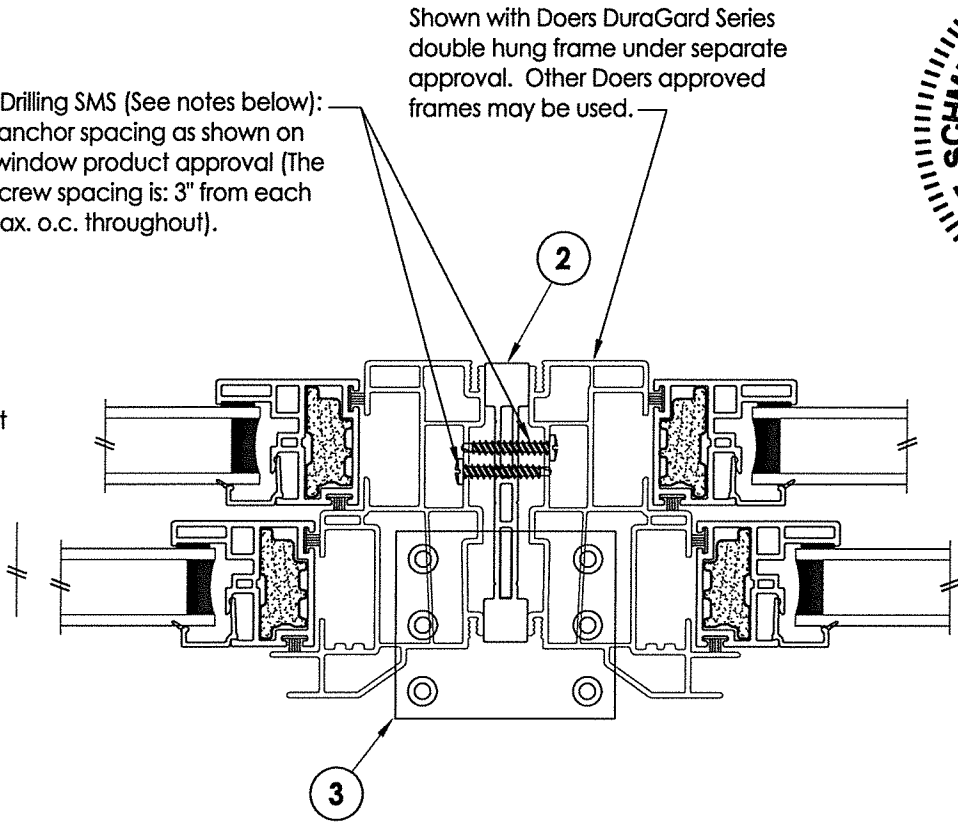


BRACKET TO MULLION DETAIL

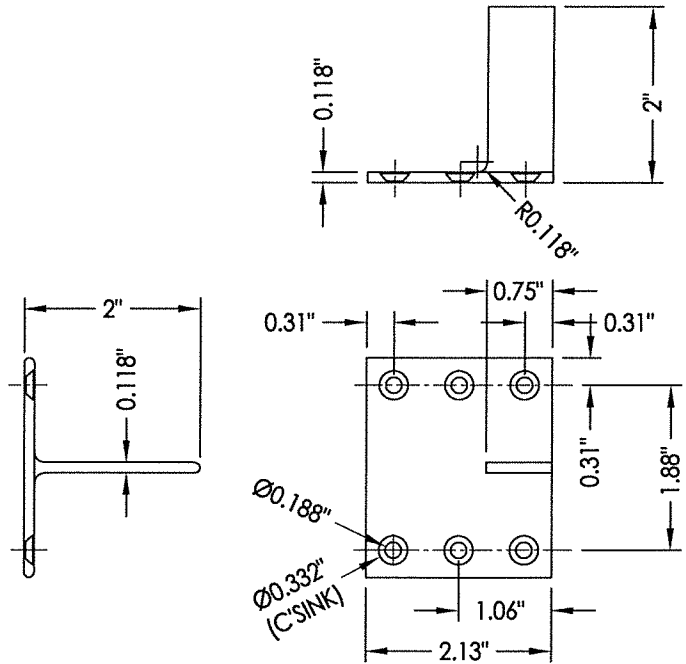
#8 X 1" PH Self-Drilling SMS (See notes below):
Use the frame anchor spacing as shown on
the individual window product approval (The
min. required screw spacing is: 3" from each
end and 24" max. o.c. throughout).



2 MULLION (5902)
6105-T5 ALUM



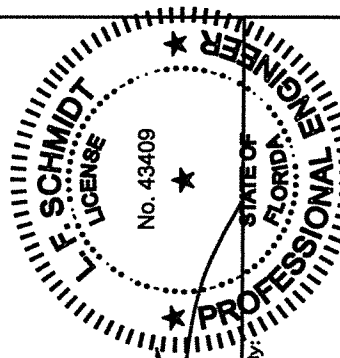
1 VERTICAL CROSS SECTION



3 MULLION ANCHOR BRACKET (5951)
6063-T6 ALUM

- Notes:
1. Refer to individual window product approval for fabrication and installation requirements, including glazing details, frame reinforcement and anchoring specifications.
 2. Sheet metal screws (self-drilling) shall have a minimum of 3 threads protrude completely through the mullion frame. Maintain a min. 1/2" edge distance.

Shown with Doers DuraGard Series
double hung frame under separate
approval. Other Doers approved
frames may be used.



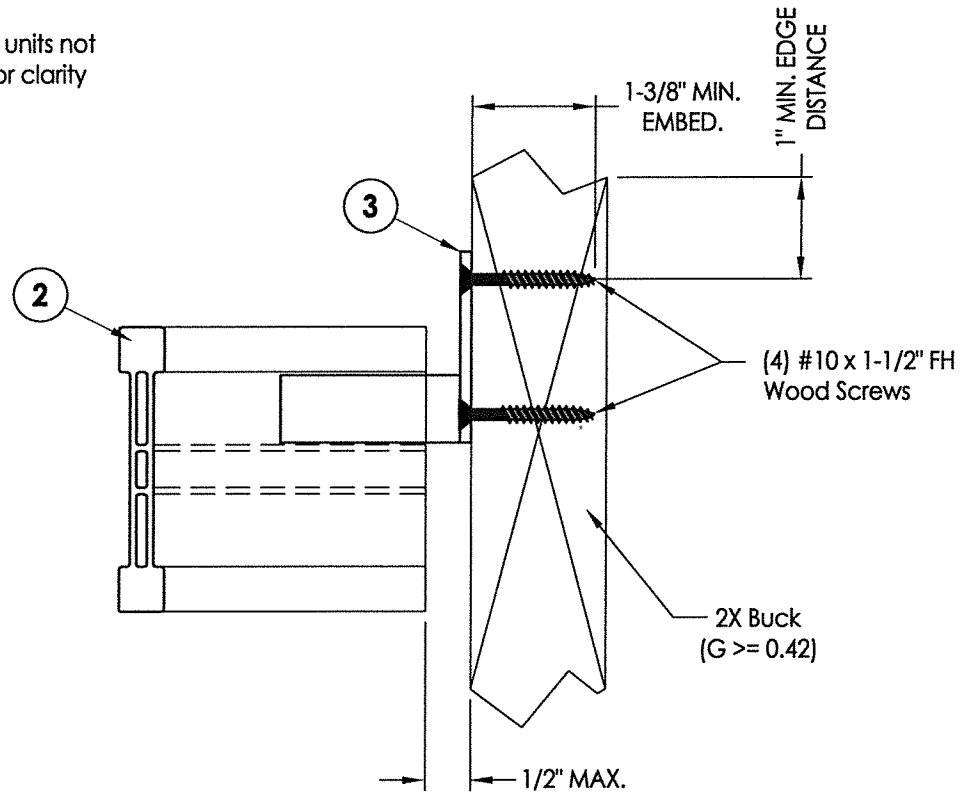
July 29, 2020

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

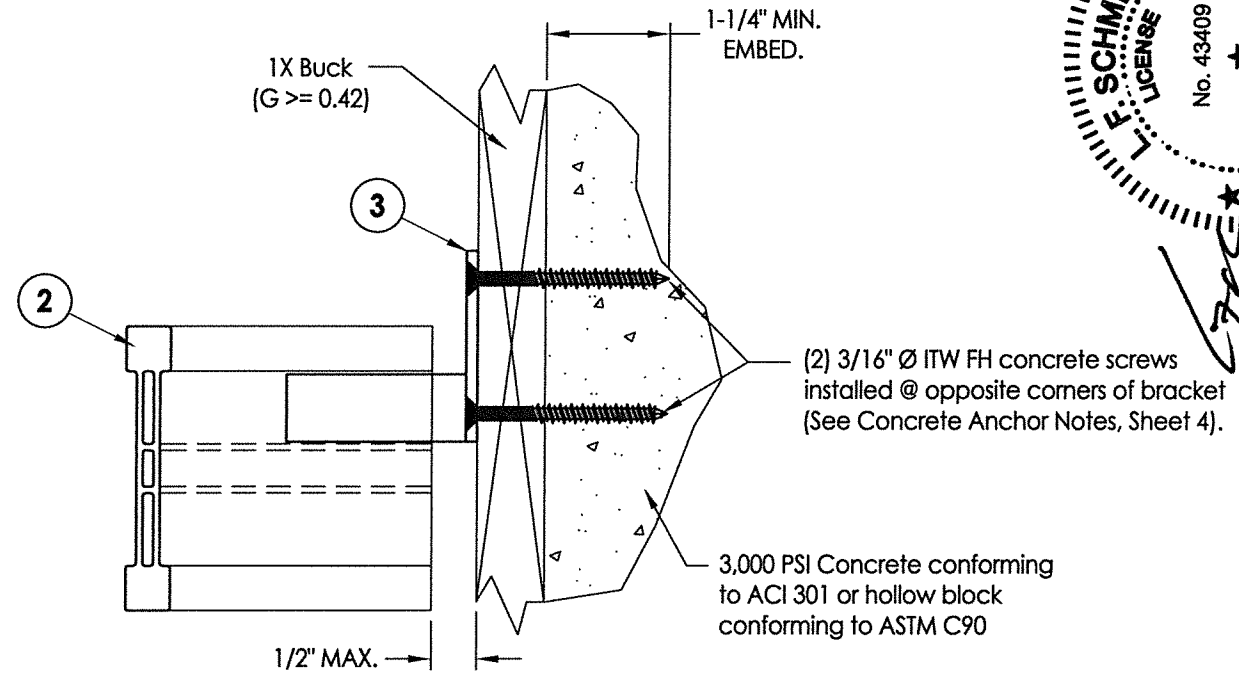
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		CLIPPED MULLION	
PART OR ASSEMBLY:		MULLION DETAILS & CROSS SECTION	
NO.	DATE	BY	DATE
3	7/29/20	LFS	7/29/20
2	9/26/17	JK	9/26/17
1	04/22/15	JK	04/22/15
DATE:		4/04/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15417.3	
SHEET		2 OF 4	

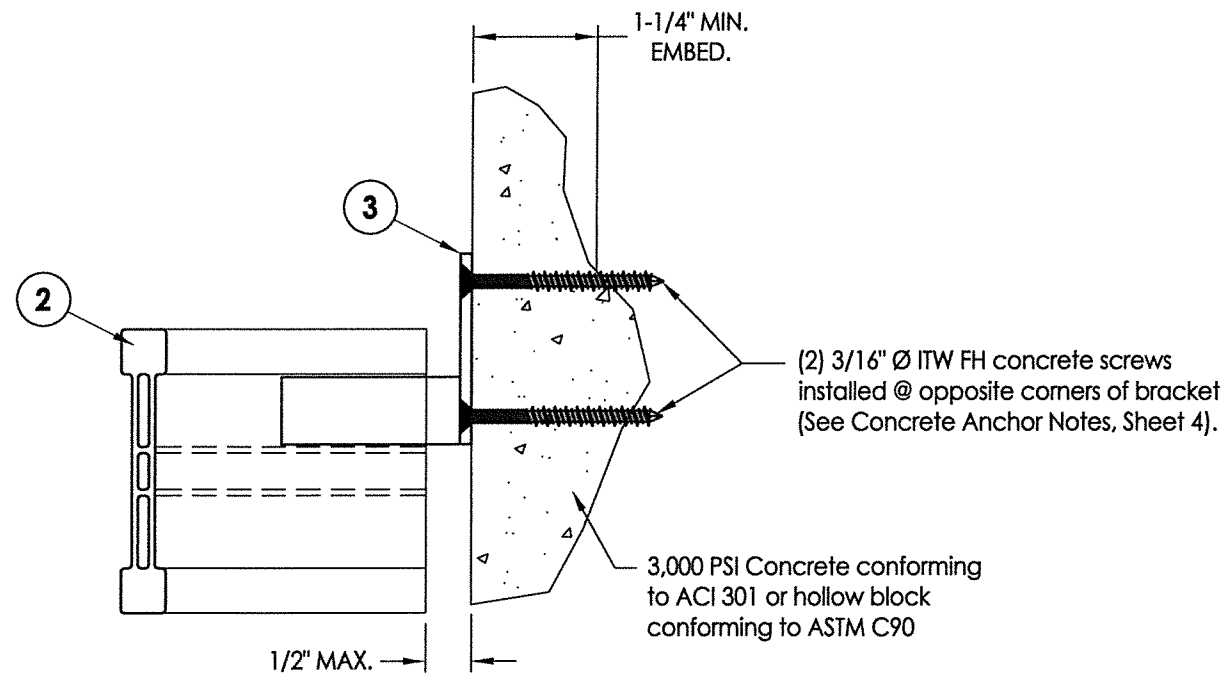
Note:
Window units not
shown for clarity
(TYP.)



1 **ANCHOR BRACKET DETAIL**
3 Anchor to 2x buck



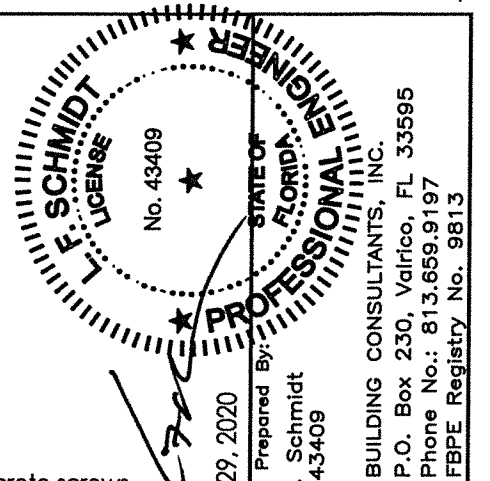
2 ANCHOR BRACKET DETAIL
3 Anchor to masonry thru 1x buck



3 **ANCHOR BRACKET DETAIL**
3 Direct to masonry

- Notes:

1. Refer to individual window product approval for fabrication and installation requirements, including glazing details, frame reinforcement and anchor specifications.
2. Mullion bracket anchoring details shown may be used at either end of mullion.



July 29, 2020

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

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33330
Phone No.: 813.659.9197
FBPE Registry No. 9813

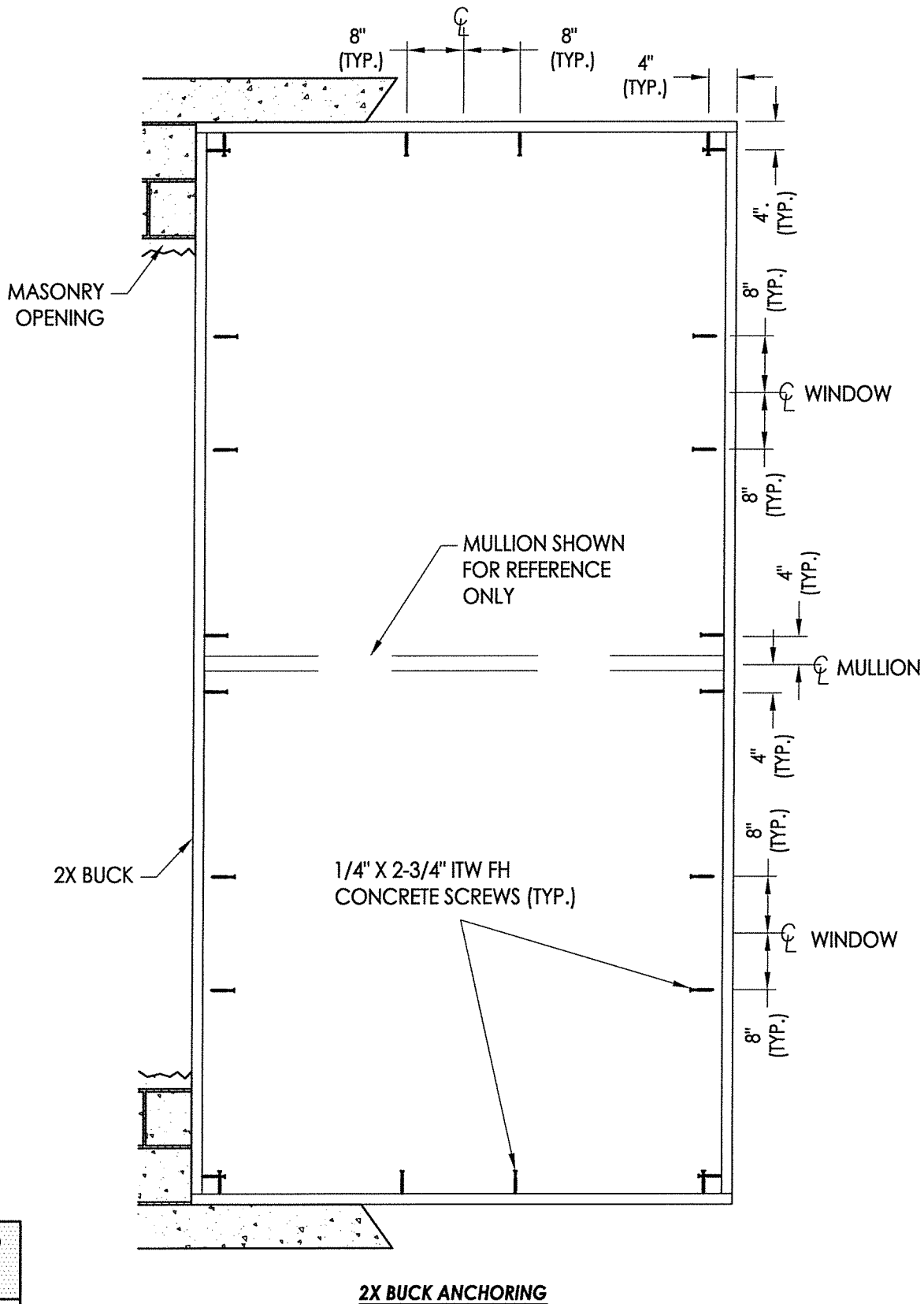
PRODUCT: _____

CLIPPED MULLION

PART OR ASSEMBLY:

ANCHOR BRACKET DETAILS

[illegible]



CONCRETE ANCHOR NOTES:

1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
2. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints. If 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" dimensions 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®	3/16"	1-1/4"	2"	1-7/8"
ITW TAPCON®	1/4"	1-1/4"	2-1/2"	3"

4. Concrete shall be 3,000 PSI conforming to ACI 301 or hollow block conforming to ASTM C90.

