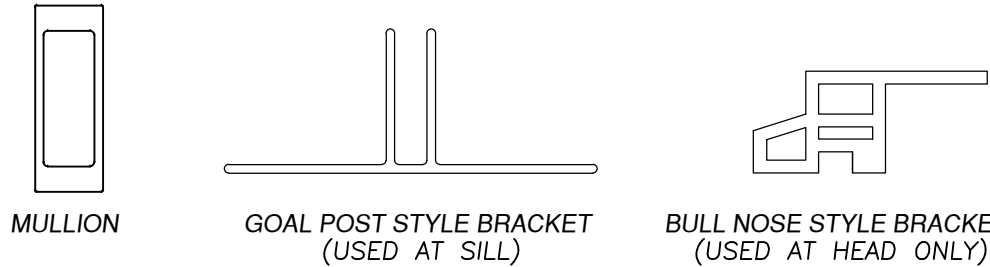




3773 STATE ROAD
CUYAHOGA FALLS, OH 44223

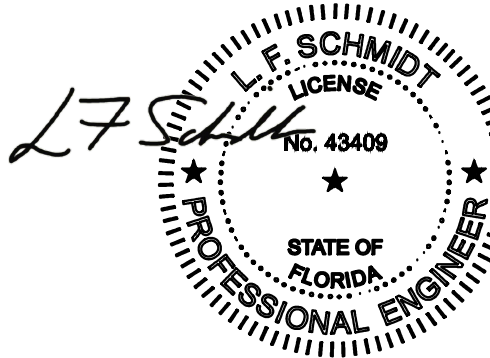
3100 STRUCTURAL MULLION



GENERAL NOTES:

1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone" and conforms to the requirements of FBC Chapter 17.
2. Wood bucks by others, must be anchored properly to transfer loads to the structure and be reviewed by the Building Official.
3. For use on 2x buck or stud construction only. Mullion anchor embedment to base material shall be beyond wall dressing or stucco.
4. When used in areas requiring wind borne debris protection, this product does not require protection from an impact resistant covering when used in Wind Zones 1, 2 and 3 as defined by ASTM E 1996; in Wind Zone 4, as defined by ASTM E 1996, this product must be protected with an impact resistant covering complying with FBC Sections 1609.1.2 & R301.2.1.2.
5. Separate product approvals for each glazing product used with these mullions must be submitted along with this mullion product approval.
6. Anchoring of each glazing product to the mullion shall be as shown in each individual glazing product approval.
7. Any conditions not covered in this evaluation are subject to separate engineering evaluation.
8. Mullion Design Pressure Rating, see Load Rating Table Sheet 2 of this drawing.
9. The design pressure rating of the assembly shall be the lesser of the load capacity of the mullion as determined using this approval or the design pressure rating of the individual glazing products used.
10. Bounding box dimensions for geometric shapes must be equal to or less than the rectangular dimensions shown herein.

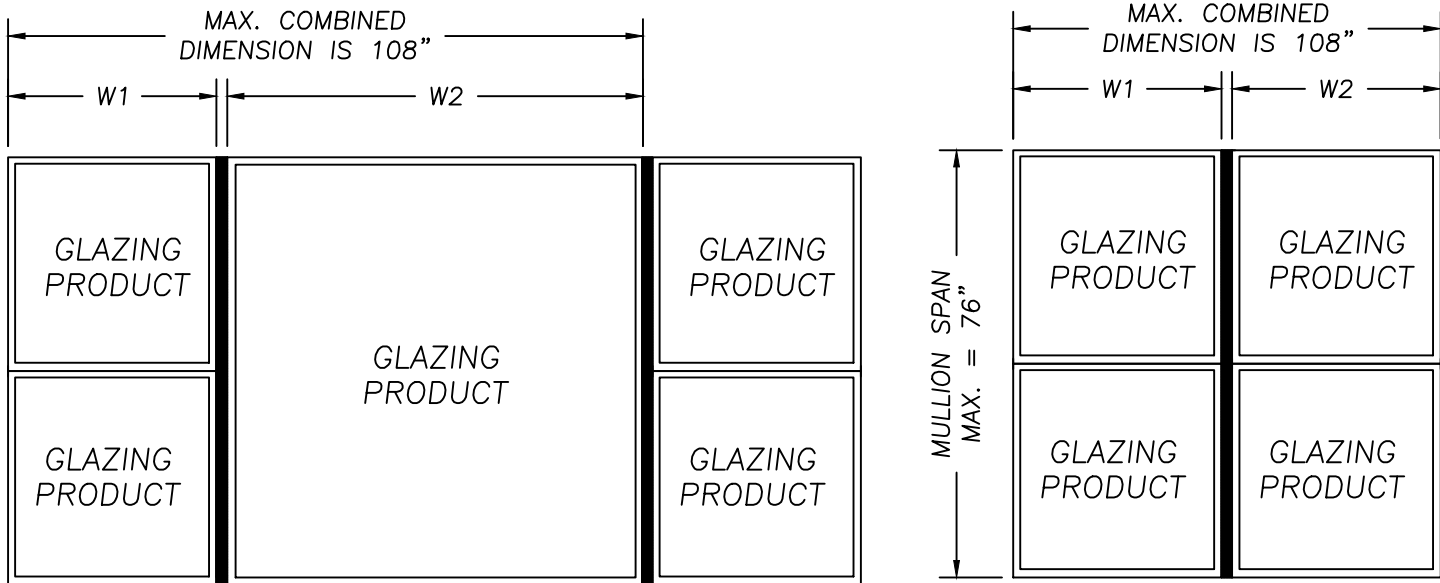
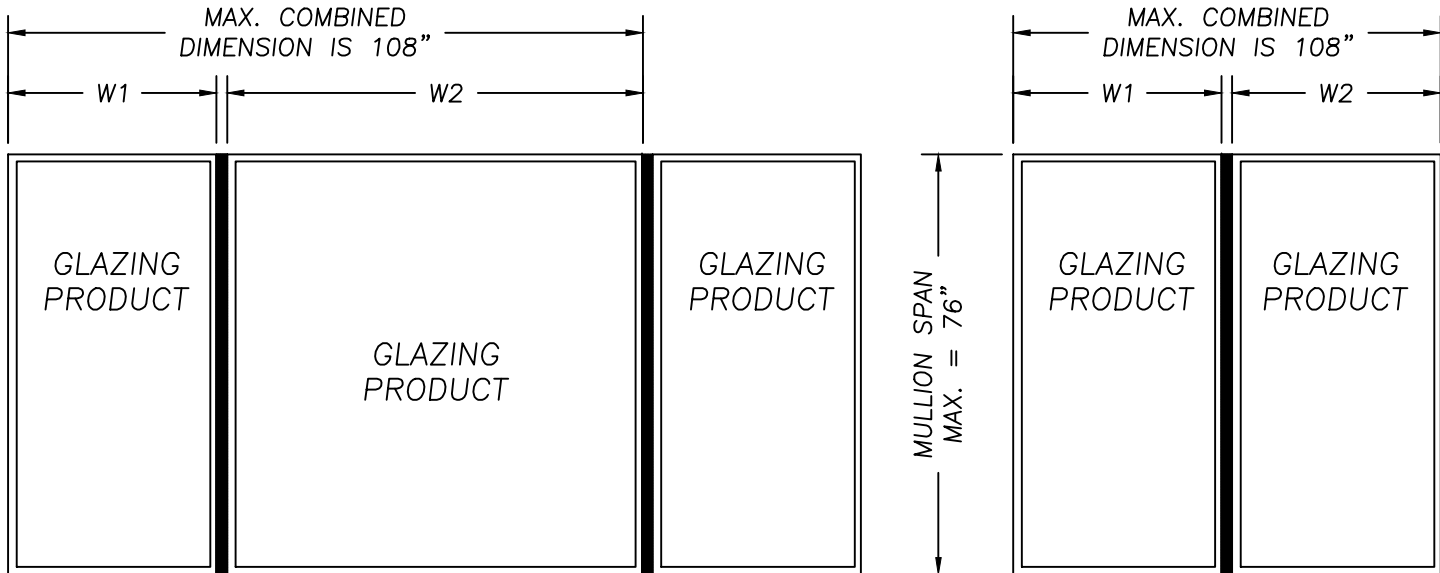
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS & GENERAL NOTES
2	MULLION LOAD TABLE FOR WOOD SCREW ANCHORS
3	MULLION SECTION AND ANCHORING DETAILS



Digitally signed by Lyndon F Schmidt
Date: 2026.08.18 08:17:11 -04'00'

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



TYPICAL MULLION CONFIGURATIONS

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

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

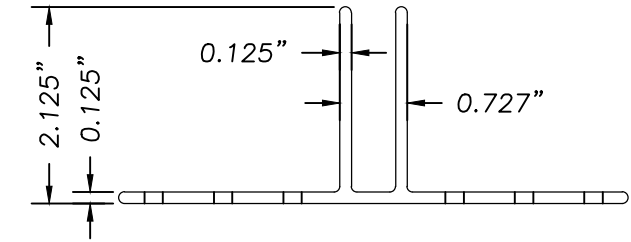
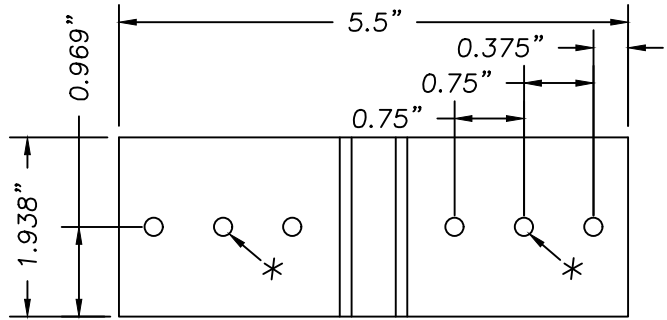
PRODUCT:
3100 STRUCTURAL MULLION

PART OR ASSEMBLY:
TYPICAL ELEVATION AND
GENERAL NOTES

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC
6	7/14/23	UPDATE TO 8TH ED. (2023) FBC
5	9/30/20	UPDATE TO 7TH ED. (2020) FBC
4	7/27/17	UPDATE TO 6TH ED. (2017) FBC

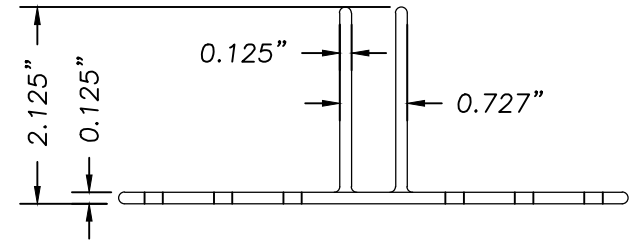
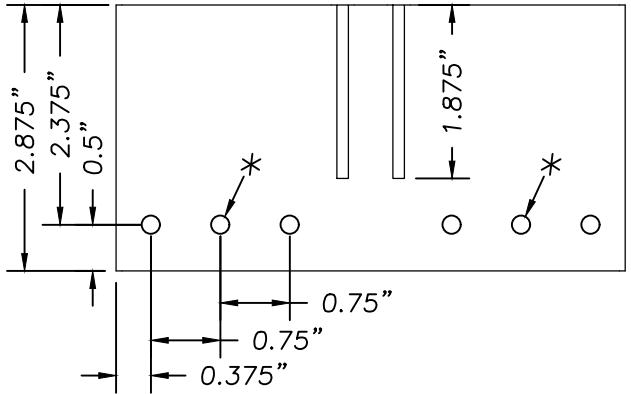
DATE:	12/11/08
SCALE:	NTS
DWG. BY:	DWS
CHK. BY:	LFS
DRAWING NO.:	FL-12078.2
SHEET	1 OF 3

Z:\2023 FBC Drawings\Associated Materials, Inc\FL-12078 R9\FL-12078.1-3.5.6.dwg

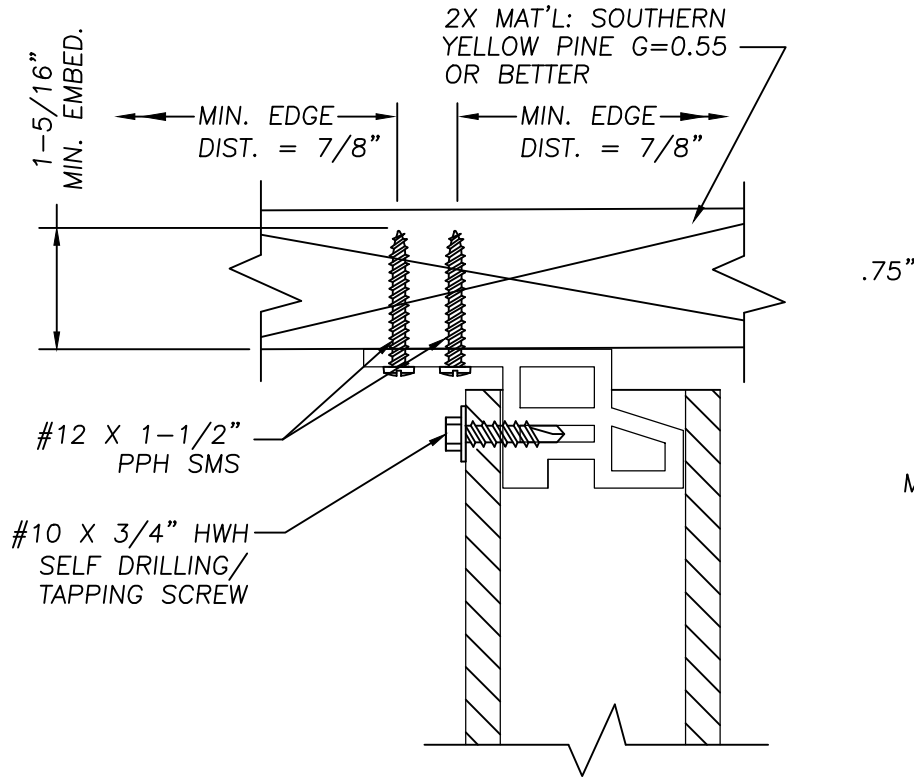


MULLION ANCHOR BRACKET
MAT'L: 6063-T6

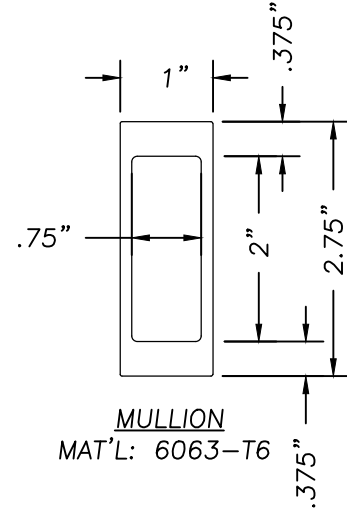
* DO NOT USE CENTER HOLE FOR
CONCRETE SCREW INSTALLATION



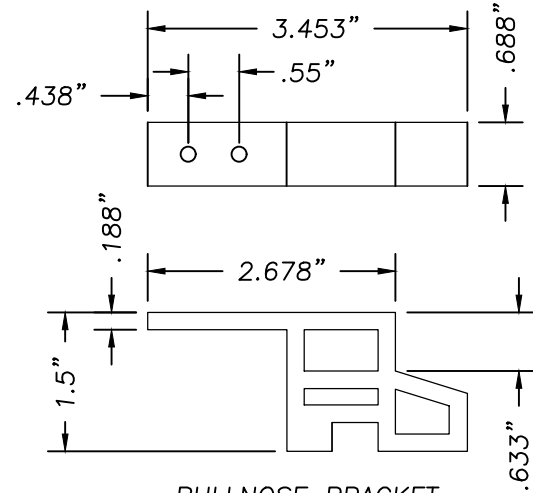
MULLION ANCHOR OFFSET BRACKET
MAT'L: 6063-T6



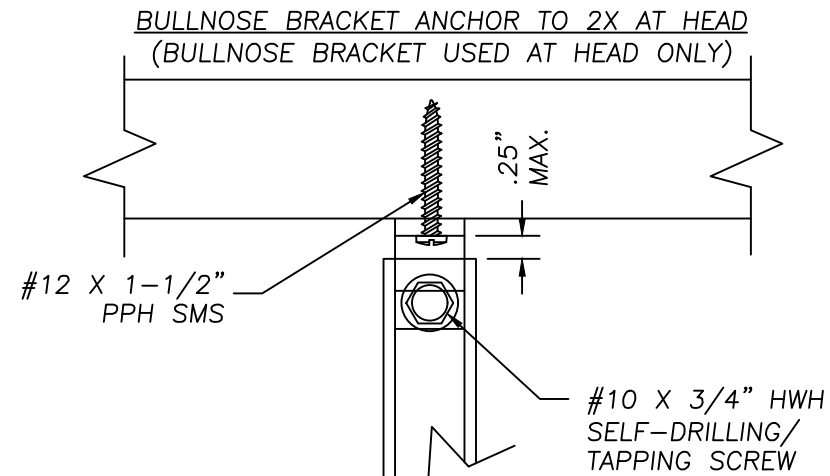
BULLNOSE BRACKET PRE-ANCHORED TO 2X
(SIDE VIEW)



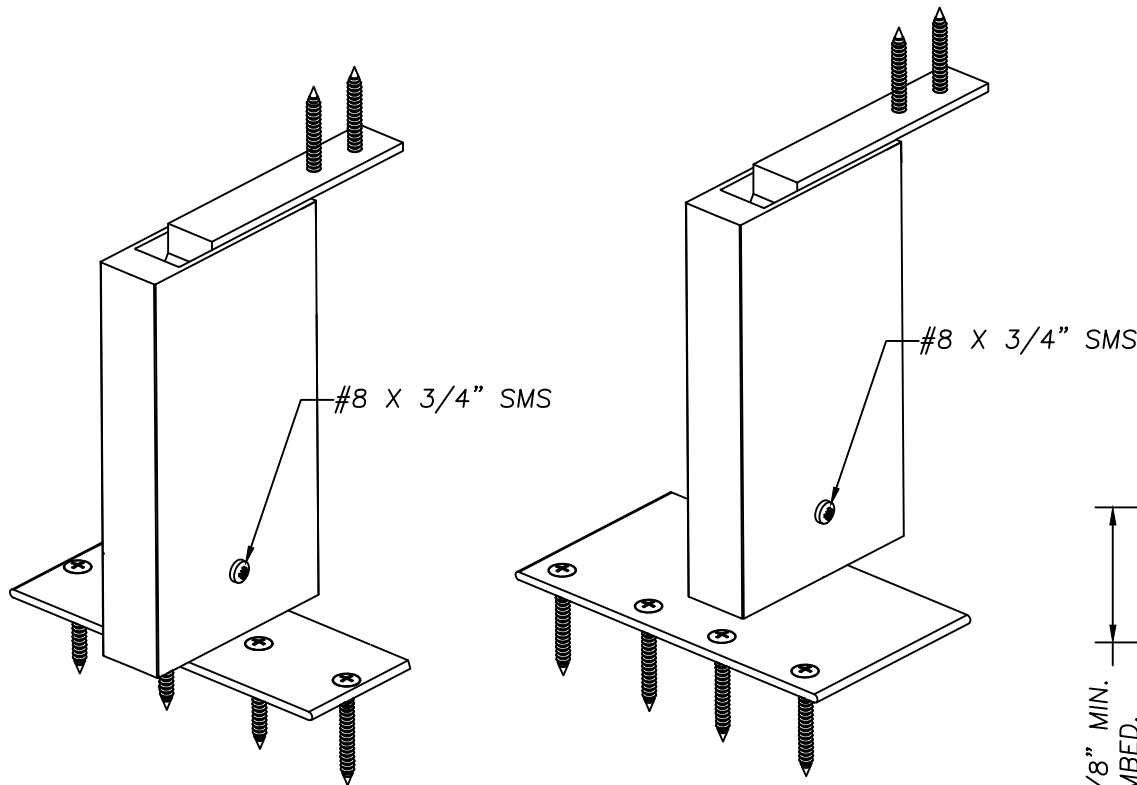
MULLION
MAT'L: 6063-T6



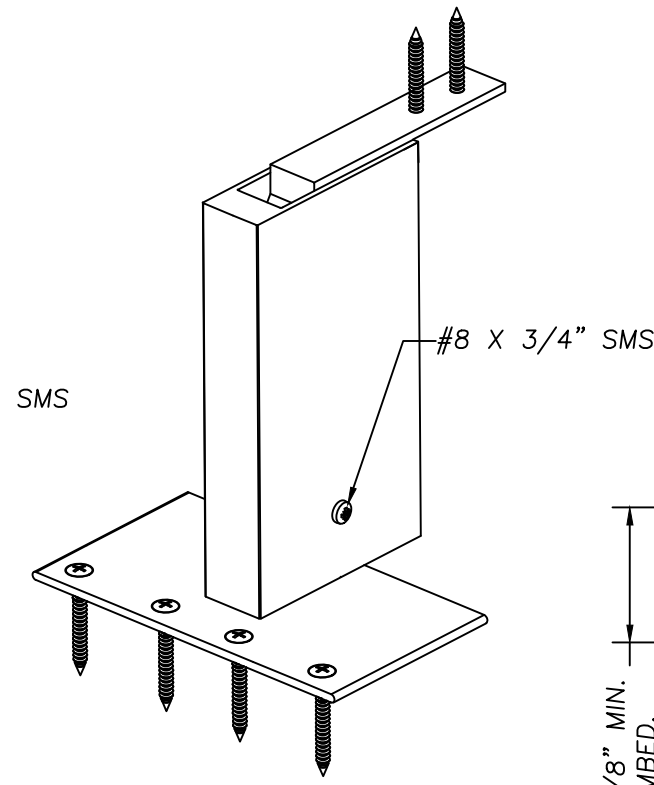
BULLNOSE BRACKET
MAT'L: 6063-T6



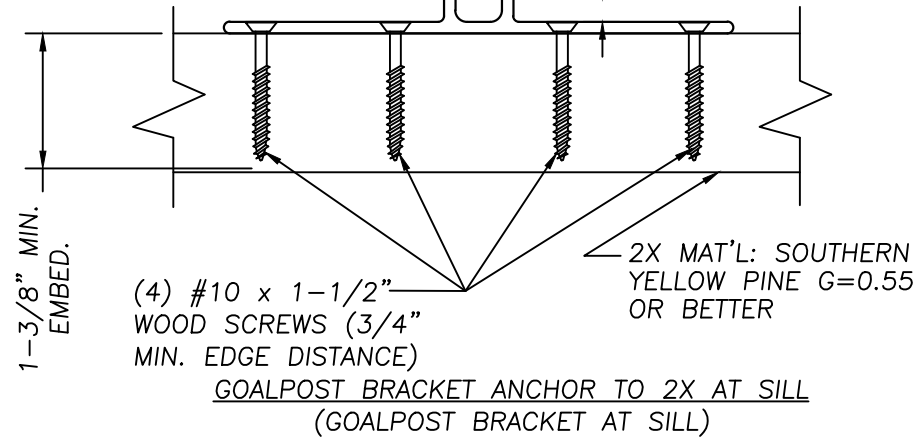
BULLNOSE BRACKET ANCHOR TO 2X AT HEAD
(BULLNOSE BRACKET USED AT HEAD ONLY)



BASIC MULLION ASSEMBLY
FOR 2X APPLICATIONS ONLY



BASIC MULLION BRACKET ANCHORING
FOR WOOD SCREW APPLICATIONS
(OFFSET BRACKET SHOWN, MAY BE
OFFSET EITHER DIRECTION)



(4) #10 x 1-1/2"
WOOD SCREWS (3/4"
MIN. EDGE DISTANCE)

GOALPOST BRACKET ANCHOR TO 2X AT SILL
(GOALPOST BRACKET AT SILL)

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

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

PRODUCT:
3100 STRUCTURAL MULLION

PART OR ASSEMBLY:
MULLION SECTION &
ANCHORING DETAILS

NO.	DATE	REVISIONS
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DATE: 12/11/08

SCALE: NTS

DWG. BY: DWS

CHK. BY: LFS

DRAWING NO.: FL-12078.2

SHEET 3 OF 3