

REGATTA

BUILDING & DEVELOPMENT, LLC

Regatta Building & Development (Regatta) is pleased to submit our proposal for Repair to the commercial building located at 219 S. Parramore Ave., Orlando, FL.

Scope of Work included in bid:

1. Remove and replace 39 single windows and 15 double windows, new window bucks installed. \$30,523.00

2. Remove existing broken/damaged doors and replace four (4) heavy duty security doors – 30"x80", includes frame, single hole lock box, expanded metal, prime steel, plate for panic bars (locks and panic bars not included). Remove and replace rear fire escape stair. One (1) 11+10_3 Tread "L" stair at 176" floor to floor, prime steel. Two (2) 47" square diamond plate landings cantilevered to wall. Stringers are C10x8.4, treads are precast 12"x44" with 14 gauge closed risers. 40' of 42" stair rail with inside grab rail (1.5" round) and integrated heavy duty frame security wall with exp. metal. 40' of 1.5" round wall rail. 125' of 42" guard rail. Rails are 1.25" round, top, bottom and post with ¾" square verticals. Remove and replace two (2) 30'x4' cantilevered diamond plate landings, prime steel (not painted). Req'd per CODE VIOLATION \$74,989.00

3. Remove and replace 66' of wall railing, 1.5" round. 13'6" of 42" guard rail. Specs: 1.25" round pipe, top, bottom and post @ 4' on center with ¾" square verticals, prime steel. Req'd per CODE VIOLATION \$3,733.00

4. Remove and replace eight (8) burglar bars on the first floor in the retail area, 4'x6'(+/-) Specs: ½" round solid verticals with 2 ½ solid horizontal overlays, prime steel. Bars are non-operational (fixed). \$3,215.00

6. Pressure wash to remove all dust and debris from exterior paintable areas of the building. Prep for painting by caulking all windows and doors where needed. Prime with clear exterior sealer. Paint exterior of the building with 2 coats of paint. Tex Treks brand paint will be used for the painting of the floors and stairwell. \$19,470.00

REGATTA

BUILDING & DEVELOPMENT, LLC

7. Complete removal of lower roof over retail spaces, including demo kitchen hood vents (not to be reinstalled), satellite dishes and another other obsolete items which are creating roof penetration. Replace up to twelve (12) 4'x8' sheets of roofing deck. Install six" of insulation and new torch down roof. This bid does not include any structural repairs which may be determined upon removal of existing roof. Req'd per CODE VIOLATION \$24,323.00

Conditions:

- Proposal does not include applicable permit and inspection fees.
- To place project on the schedule, a Commencement Draw is required upon signing of contract.

Timing:

- Construction to begin: To be determined.

Respectfully submitted: Acceptance of Proposal:



David L. Rieger

Signature

Date

Printed Name

Qualifications, Assumptions and Warranty:

- REGATTA assumes a mutually agreed upon project schedule will be developed with our input.
- REGATTA assumes a mutual agreement on contract terms will be established between both parties.
- REGATTA will complete all work in a professional manner according to industry standard practices.
- Any alteration or deviation from the plans referenced above, involving extra costs, will be executed upon written orders and will be billed over and above the estimate.
- Proposal amount will be held firm for thirty (30) days from submittal.

CENTRAL FLORIDA BUILDING CORP.
CBC1257020

July 1, 2014

Changing Latitudes
Attn: Jim Schreck
14650 Gatorland Dr., #3
Orlando, FL 32837

Re: Parramore

Central Florida Building Corp is submitting a proposal request from Jim Schreck for the property listed above. Central Florida Building Corp will complete the construction project with the proper specifications and quality of workmanship.

Description: The scope has been outlined in detail on separate page.

The following is a lump sum of: \$54,695.00

EXCLUSIONS

1. Permit fees
2. Impact fees
3. HVAC and Plumbing
4. Any fees levied by local jurisdictions
5. Local water and electrical authorities.
6. As-Builts
7. Survey
8. Hazardous materials report
9. Environmental testing

If you have additional questions or clarifications do not hesitate to contact me. If the approvals of these terms are acceptable an AIA contract will be established between owner and contractor.

THIS PROPOSAL is for construction and design provided by Central Florida Building Corporation, Inc.

All work will be done in strict accordance with governing bodies, codes and ordinances.

Thank you very much for the opportunity to provide our services.

ACCEPTED BY:

Jeffrey Wolff, President

Owner Representative

Dated: _____

Dated: _____

815 MABBETTE STREET SUITE 108 • KISSIMMEE, FLORIDA • 34741
PHONE: 321.445.2141 • FAX: 866.281.1551
EMAIL: JEFF@CFBCINC.COM

Scope of Work included in bid:

R&R 54 windows, including new bucks. 32,095

Exterior pressure washing.

Exterior painting prep by caulking all areas needed on doors and windows.

Clear sealer to be used for exterior sealer.

To be painted: exterior of the building. Painted designed for heavy foot traffic will be used to paint flooring. 22,600

Reliable Asset Preservation

Estimate

Reliable Asset Preservation
2916 Holly St., Titusville, FL 32796

DATE:07/07/14
INVOICE #

TO Changing Latitudes Real Estate Services

Property:
219 South Parramore , Orlando

SALESPERSON	JOB	PAYMENT TERMS	DUE DATE
Eric			

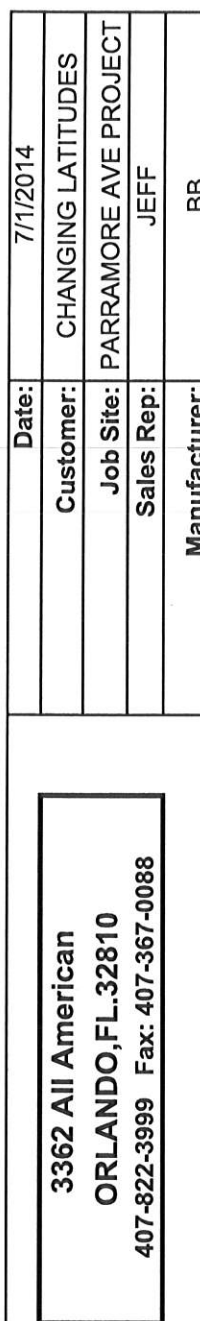
QTY	DESCRIPTION	UNIT PRICE	LINE TOTAL
1	Prep paint and seal entire exterior of building Payable 20% deposit and remainder upon completion		24,000.00

SUBTOTAL

SALES TAX

TOTAL 24,000.00

Thank you for your business!



This is an **estimate** per buyer's request. Buyer assumes responsibility for verification of quantities of materials ordered to this project. Unit prices are valid for 30 days from date of this document. This is not a lump sum contract. Buyer agrees that special order products cannot be returned. By your signature below, you are agreeing to the above items and to the terms and conditions set forth in the *Manning Building Supplies, Inc. Credit Application Package*.

Subject to our terms and conditions of sale. Further copies available upon request.

DATE: _____ **SIGNATURE:** _____

Selected
Contractor Information:

DAVID L. RIEGER
Managing Partner

P.O. Box 2587 Vero Beach, FL 32961
2345 14th Ave., #1 Vero Beach, FL 32960
800.407.0455, ext. 105 | P: 772.564.7220 | F: 772.564.9822
C: 772.812.9135 | davidr@regattaconstruction.com

CGC#1526800

REGATTA
BUILDING & DEVELOPMENT, LLC

Proposed color
Approved by building dept-

SW 6116

Tatami Tan

Proposed color
approved by building dept

SW 6006
Black Bean

Window Specs

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE. IN ACCORDANCE WITH SECTION 1715.5.5
- 2) WOOD FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 4) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS UP TO WIND ZONE 3.
- 5) DESIGN PRESSURE AND INSTALLATION DETAILS SHOWN IN THIS DOCUMENT APPLY ONLY TO MULLION. WINDOWS MUST BE APPROVED UNDER SEPARATE APPROVAL.
- 6) SINGLE WINDOWS TO BE MULLED ARE NOT LIMITED TO THOSE SHOWN IN THIS DRAWING. WINDOWS MUST BE MANUFACTURED BY MI WINDOWS AND DOORS, INC.
- 7) DESIGN PRESSURE OF MULLED UNIT SHALL BE CONTROLLED BY THE LESSER DESIGN PRESSURE OF THE MULLION OR THE INDIVIDUAL WINDOW OR DOOR UNIT.
- 8) UNITS MAY BE MULLED TOGETHER INDEFINITELY AS LONG AS SINGLE UNIT WIDTH AND HEIGHT ARE NOT EXCEEDED AND MULLION IS ANCHORED AS SHOWN HEREIN.
- 9) MULLION VERTICAL INSTALLATION IS SHOWN. MULLION MAY BE USED IN HORIZONTAL APPLICATIONS AS LONG AS DIMENSIONS INDICATED HEREIN ARE NOT EXCEEDED AND MULLION IS ANCHORED ACCORDING TO THIS DOCUMENT.

DESIGN PRESSURE TABLE INSTRUCTIONS:

- 1) DEFINE REQUIRED DESIGN LOAD PER FLORIDA BUILDING CODE CHAPTER 16.
 - 2) DETERMINE TRIBUTARY WIDTH AND MULLION SPAN BASED ON PRODUCT TO BE INSTALLED. SEE FORMULA FOR TRIBUTARY WIDTH.
 - 3) LOCATE MULLION SPAN (UNIT HEIGHT) AND TRIBUTARY WIDTH. AT THE INTERSECTION OF ROW AND COLUMN CONTAINING THE MULLION SPAN AND TRIBUTARY WIDTH RESPECTIVELY IS THE MULLION RATING FOR PRODUCT IN STEP 2.
- MULLION RATING MUST BE EQUAL OR GREATER THAN REQUIRED DESIGN PRESSURE OBTAINED IN STEP 1.

$$\text{TRIBUTARY WIDTH} = \frac{W1 + W2}{2}$$

ANCHORING NOTES:

- 1) FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT. LOCATE ANCHORS AS SHOWN IN INSTALLATION DETAILS SHEET 3.
- 2) FOR ANCHORING INTO CONCRETE USE 1/4" TAPCON WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN INSTALLATION DETAILS SHEET 4.
- 3) ALL FASTENERS TO BE CORROSION RESISTANT.
- 4) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
A. WOOD - MINIMUM SPECIFIC GRAVITY OF $G=0.42$
B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI.
C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
- 5) TO ATTACH MULLION TO CLIP USE (4) #10 x 1 1/4" SELF DRILLING SCREWS PER CLIP. SCREWS MUST BE FIELD INSTALLED. HOLES FOR SCREWS ARE NOT PRE-DRILLED BY MANUFACTURER.

REV		DESCRIPTION		REVISIONS		DATE	APPROVED								
TABLE OF CONTENTS <table border="1"><thead><tr><th>SHEET NO.</th><th>DESCRIPTION</th></tr></thead><tbody><tr><td>1</td><td>NOTES</td></tr><tr><td>2</td><td>CONFIGURATIONS AND DP CHART</td></tr><tr><td>3</td><td>INSTALLATION DETAILS</td></tr></tbody></table> MI WINDOWS AND DOORS 650 WEST MARKET STREET GRATZ, PA 17030-0370 5764 - VERTICAL MULLION 83" MULLION SPAN GENERAL NOTES DRAWN: V.L. DWG NO. 08-01439 REV - SCALE NTS DATE 01/11/12 SHEET 1 OF 3								SHEET NO.	DESCRIPTION	1	NOTES	2	CONFIGURATIONS AND DP CHART	3	INSTALLATION DETAILS
SHEET NO.	DESCRIPTION														
1	NOTES														
2	CONFIGURATIONS AND DP CHART														
3	INSTALLATION DETAILS														

SIGNED: 03/06/2012



REVISIONS		DATE	APPROVED
REV	DESCRIPTION		

MI WINDOWS AND DOORS
650 WEST MARKET STREET
GRATZ, PA 17030-0370

5754 - VERTICAL MULLION
83" MULLION SPAN

APPROVED CONFIGURATIONS AND RATING CHARTS

DRAWN: V.L.
SCALE: NTS

DATE: 01/11/12
SHEET 2 OF 3

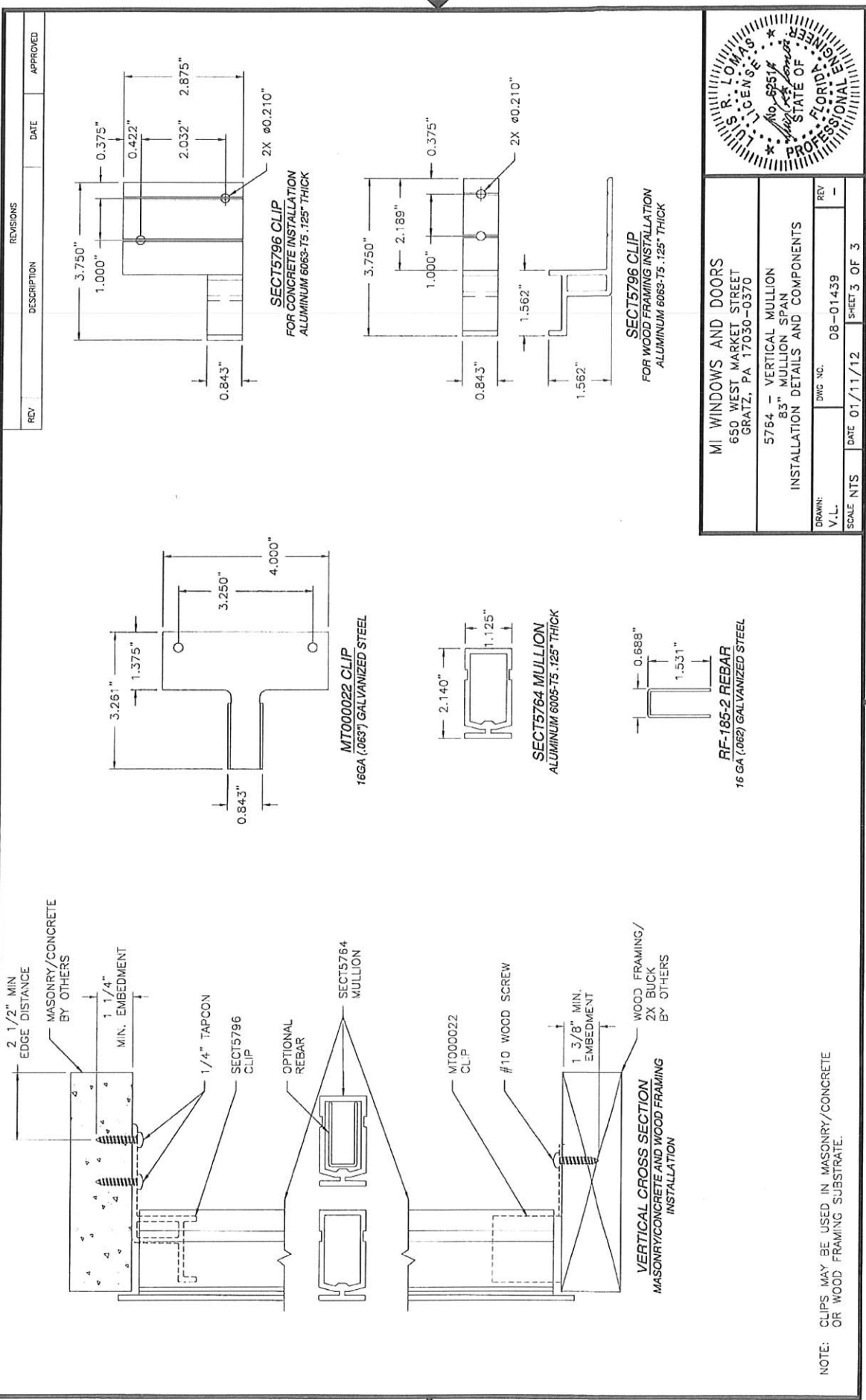
APPROVED CONFIGURATIONS

MULTIPLE UNITS MAYBE MULLED TOGETHER AS LONG AS COMBINED WIDTH DOES NOT EXCEED 107 3/8" AS SHOWN HEREIN.

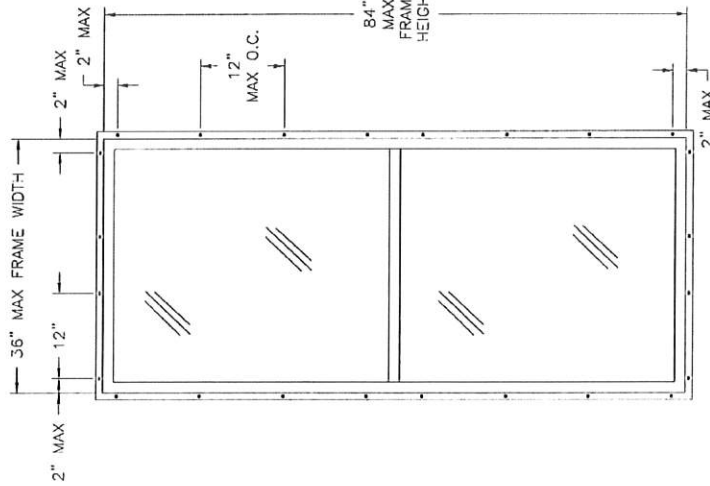
Design pressure rating (psf) with rebar

Mullion span (in)	option									
	18.13	25.50	36.00	42.00	48.00	52.13	57.50	62.00	65.63	72.00
130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0	127.0
120.7	120.7	120.7	120.7	120.7	120.7	120.7	120.7	120.7	120.7	120.7
110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1

LARGE AND SMALL MISSILE IMPACT, LEVEL D, WIND ZONE 3
DIMENSIONS IN CHART ARE FRAME DIMENSIONS AND DO NOT INCLUDE FLANGE.



NOTE: CLIPS MAY BE USED IN MASONRY/CONCRETE OR WOOD FRAMING SUBSTRATE.



185/3185 SINGLE HUNG FIN FRAME
EXTERIOR VIEW

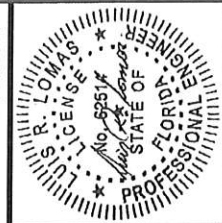
DESIGN PRESSURE RATING	IMPACT RATING
±55PSF	NONE

NOTES:

- 1) THE PRODUCT SHOWN HERE IN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2) WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3) APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 4) UNITS MUST BE GLAZED PER ASTM E1300-04. SEE SHEET 2 FOR APPROVED GLAZING TYPES.
- 5) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 6) FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK, THROUGH FRAME USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATION AND INSTALLATION DETAILS.
- 7) FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK, THROUGH NAILING FIN USE #6 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATION AND INSTALLATION DETAILS.
- 8) FOR ANCHORING INTO MASONRY/CONCRETE AT USE 3/16" ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATION AND INSTALLATION DETAILS.
- 9) ALL FASTENERS TO BE CORROSION RESISTANT.
- 10) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
- 11) FRAME AND SASH MATERIAL TO BE ALUMINUM 6063-T5.
- 12) APPROVED CONFIGURATIONS: OREL AND EQUAL UNITS.
- 13) MAXIMUM D.L.O.: 33 1/8" x 44 7/8" AND 31 1/2" x 32 1/2"
- 14) IF EXACT WINDOW SIZE IS NOT GIVEN USE ANCHOR QUANTITY FOR NEXT LARGER SIZE.

REVISIONS		
REV	DESCRIPTION	DATE

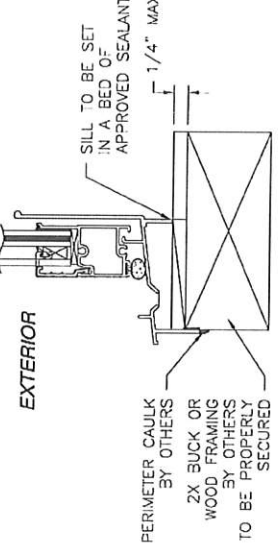
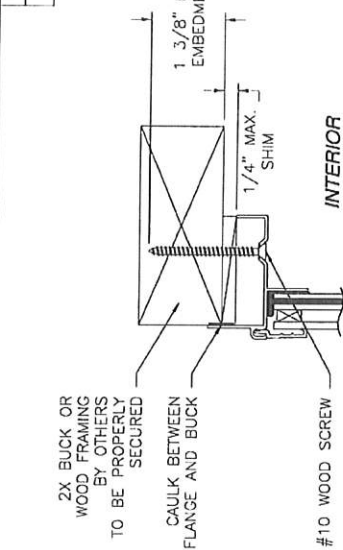
SIGNED: 11/11/2011



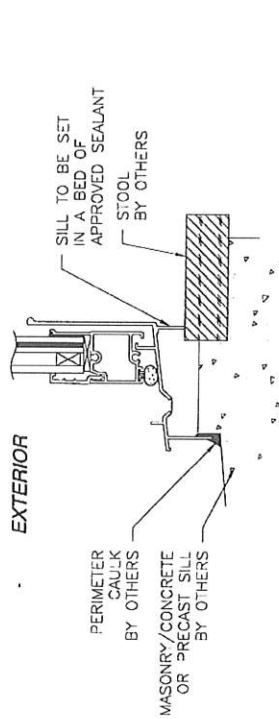
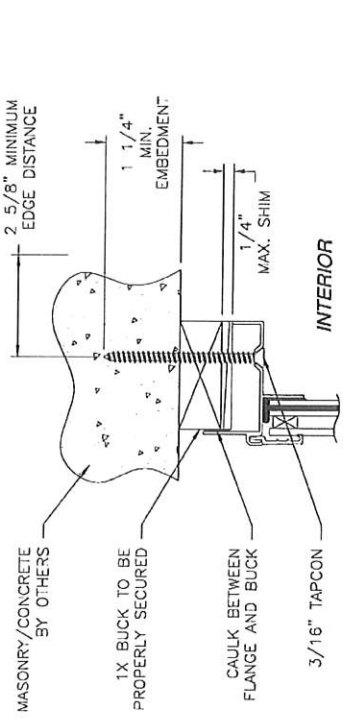
MI WINDOWS AND DOORS 650 WEST MARKET STREET GRANTZ, PA 17030-0370	
SERIES 185/3185 SINGLE HUNG ALUMINUM WINDOW 36 X 84 NON-IMPACT ELEVATION AND NOTES	
DRAWN: V.L.	REV -
DWG NO. 08-01390	DATE 11/09/11
SCALE NTS	SHEET 1 OF 5

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1 - 2	ELEVATION AND GENERAL NOTES
3 - 5	INSTALLATION DETAILS

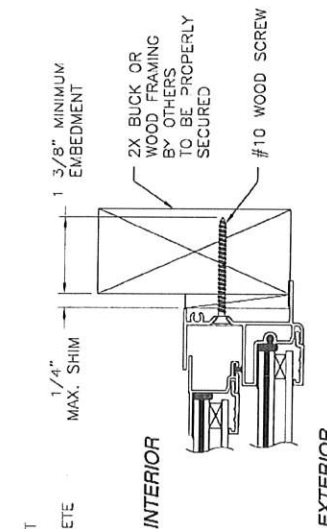
REV	DESCRIPTION	DATE	APPROVED



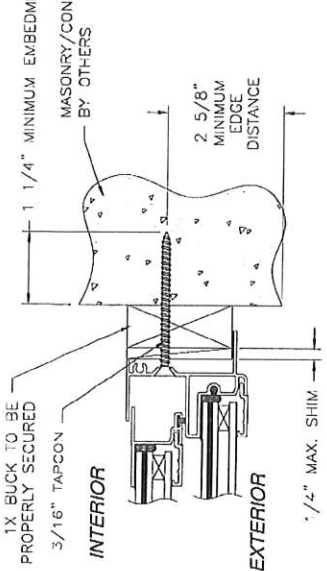
VERTICAL CROSS SECTION
2XBUCK OR WOOD FRAMING FLANGE INSTALLATION



VERTICAL CROSS SECTION
MASONRY/CONCRETE FLANGE INSTALLATION



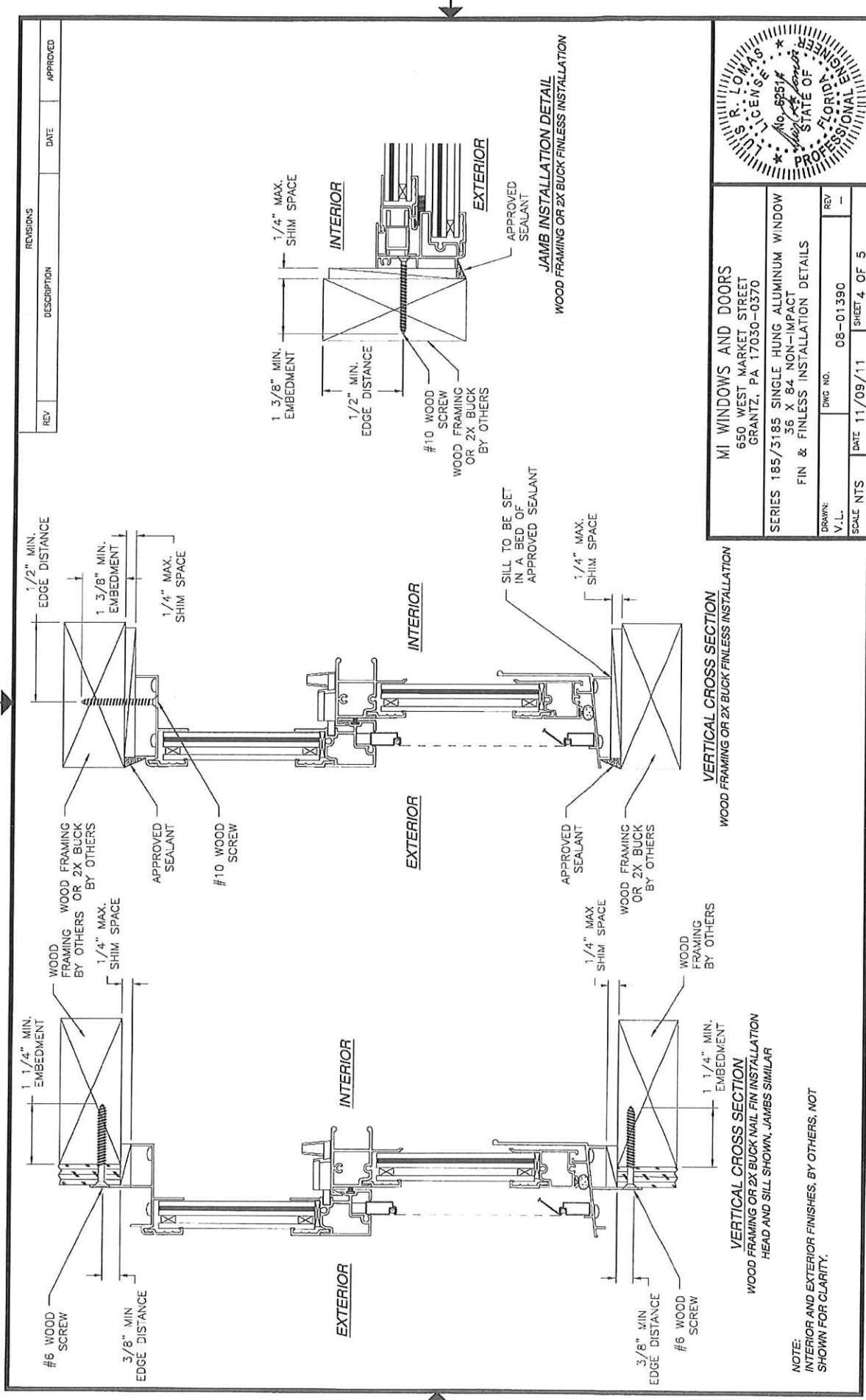
JAMB CROSS SECTION
2XBUCK OR WOOD FRAMING FLANGE INSTALLATION



JAMB CROSS SECTION
MASONRY/CONCRETE FLANGE INSTALLATION



MI WINDOWS AND DOORS 650 WEST MARKET STREET GRANTZ, PA 17030-0370	
SERIES 185/3185 SINGLE HUNG ALUMINUM WINDOW 36 X 84 NON-IMPACT FLANGE INSTALLATION DETAILS	
DRAWN: V.L.	REV -
DWG NO. 08-01390	SCALE 3 OF 5



NOTE:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT
SHOWN FOR CLARITY.

REV	DESCRIPTION	DATE	APPROVED

MI WINDOWS AND DOORS
650 WEST MARKET STREET
GRANTZ, PA 17030-0370

SERIES 185/3185 SINGLE HUNG ALUMINUM WINDOW
36 X 84 NON-IMPACT
FIN & FINLESS INSTALLATION DETAILS

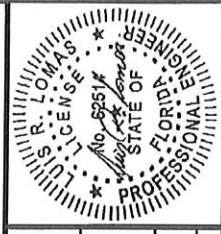
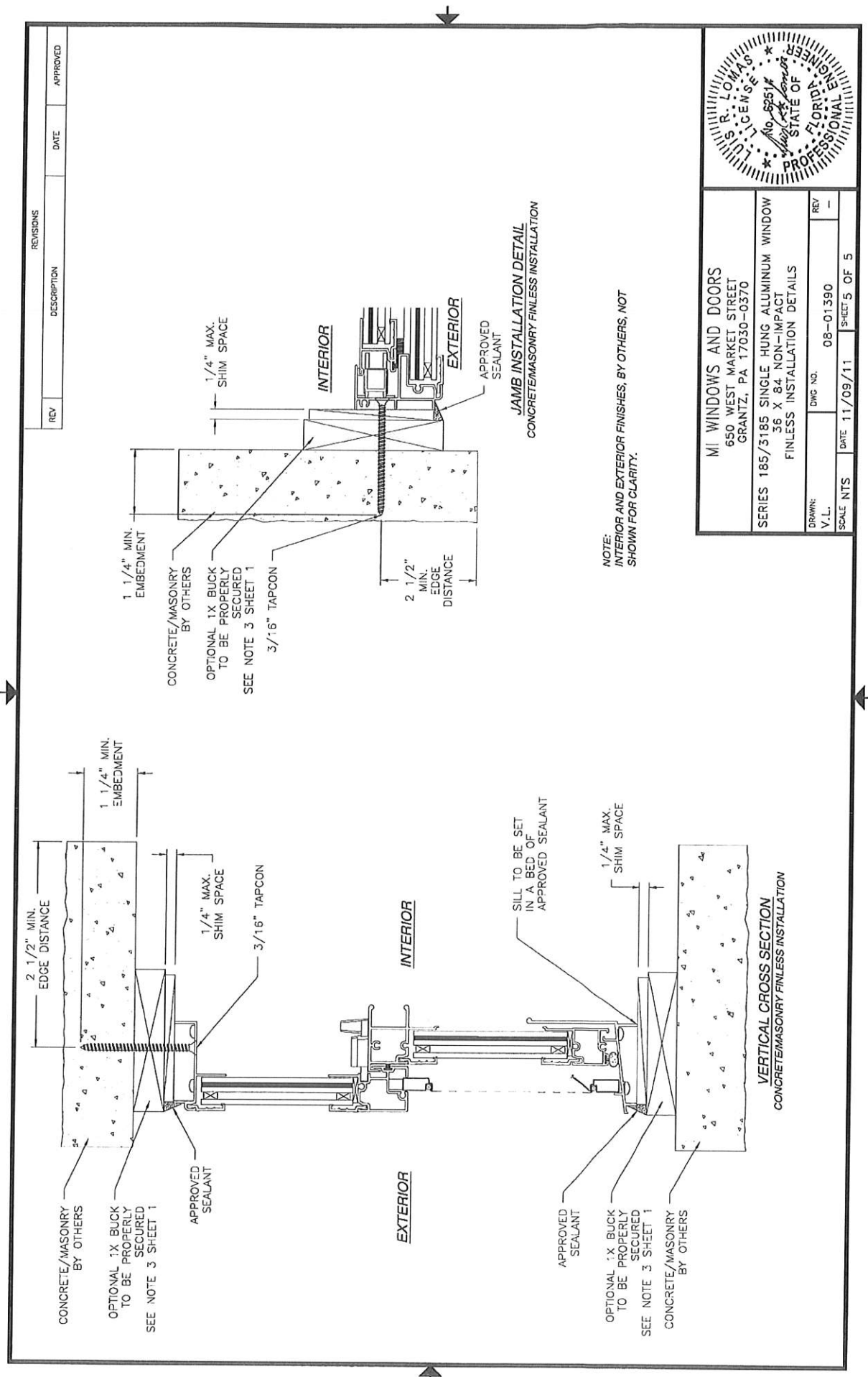
DRAWN:
V.L.

DWG NO.
08-01390

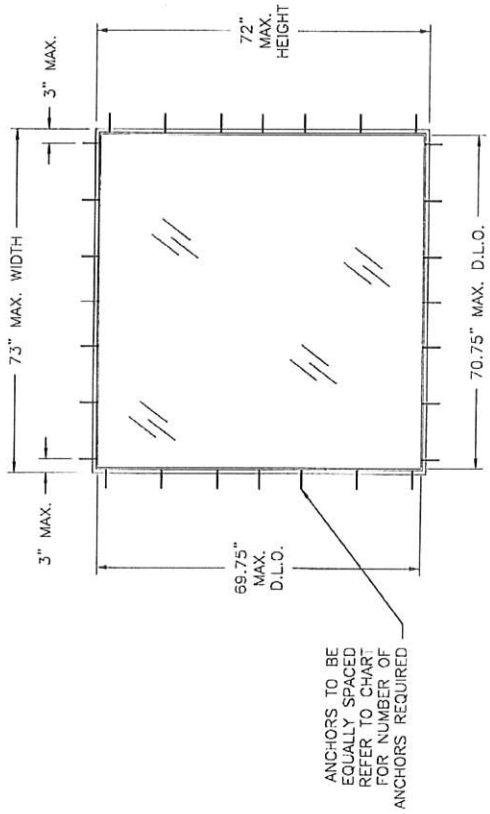
SCALE NTS
DATE 11/09/11

SHEET 4 OF 5

Professional Engineer
No. 89514
State of Florida
L.S. R. LOMAS
LICENSED



MI WINDOWS AND DOORS	
650 WEST MARKET STREET GRANTZ, PA 17030-0370	
SERIES 185/3185 SINGLE HUNG ALUMINUM WINDOW 36 X 84 NON-IMPACT FINLESS INSTALLATION DETAILS	
DRAWN: V.L.	DWG NO. 08-01390
SCALE NTS	DATE 11/09/11
SHEET 5 OF 5	



185/3185 FIXED WINDOW FLANGE FRAME
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±55PSF	NONE

Number of anchors for units without rigid fillers

Height (in)	Window width (in)									
	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	
24.0	3	3	3	3	3	3	3	3	3	3
30.0	3	3	3	3	3	3	3	3	3	3
36.0	3	3	3	3	3	3	3	3	3	3
42.0	3	3	3	3	3	3	3	3	3	3
48.0	3	3	3	3	3	3	3	3	3	3
54.0	3	3	3	3	3	3	3	3	3	3
60.0	3	3	3	3	3	3	3	3	3	3
66.0	3	3	3	3	3	3	3	3	3	3
72.0	3	3	3	3	3	3	3	3	3	3

Number of anchors for units with rigid fillers

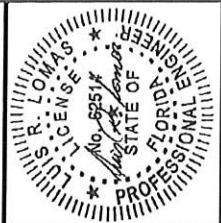
Height (in)	Window width (in)									
	24.0	30.0	36.0	42.0	48.0	54.0	60.0	66.0	72.0	
24.0	3	3	3	3	3	3	3	3	3	3
30.0	3	3	3	3	3	3	3	3	3	3
36.0	3	3	3	3	3	3	3	3	3	3
42.0	3	3	3	3	3	3	3	3	3	3
48.0	3	3	3	3	3	3	3	3	3	3
54.0	3	3	3	3	3	3	3	3	3	3
60.0	3	3	3	3	3	3	3	3	3	3
66.0	3	3	3	3	3	3	3	3	3	3
72.0	3	3	3	3	3	3	3	3	3	3

REV	DESCRIPTION	DATE	APPROVED
A	ADDED RIGID FILLER INSTALLATION	4/21/11	R.L.

NOTES:

- THE PRODUCT SHOWN HERE IN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- LOCAL LAWS, BUILDING CODES, ORDINANCES OR OTHER SAFETY REQUIREMENTS REST SOLELY WITH THE ARCHITECT, ENGINEER OF RECORD, BUILDING OWNER OR CONTRACTOR.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- UNITS MUST BE GLAZED PER ASTM E 1300.
- ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS.
- FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK, USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATION AND INSTALLATION DETAILS.
- FOR ANCHORING INTO MASONRY/CONCRETE AT USE 3/16" ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATION AND INSTALLATION DETAILS.
- ALL FASTENERS TO BE CORROSION RESISTANT.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
- A. WOOD - MINIMUM SPECIFIC GRAVITY OF $G=0.42$
- B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI.
- C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
- FRAME MATERIAL TO BE ALUMINUM 6063-T5 .055 THICK

SIGNED: 04/21/2011



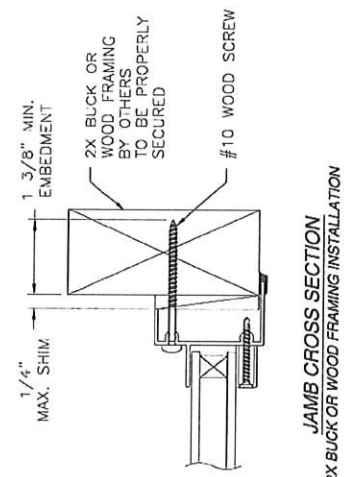
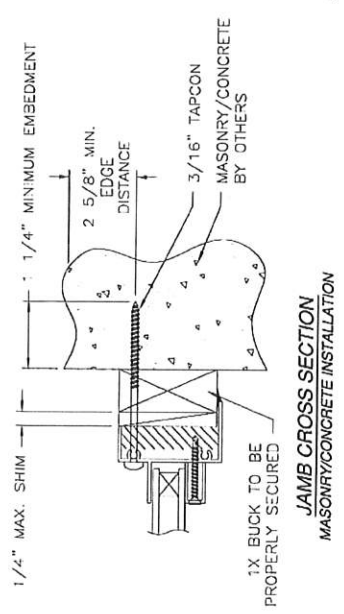
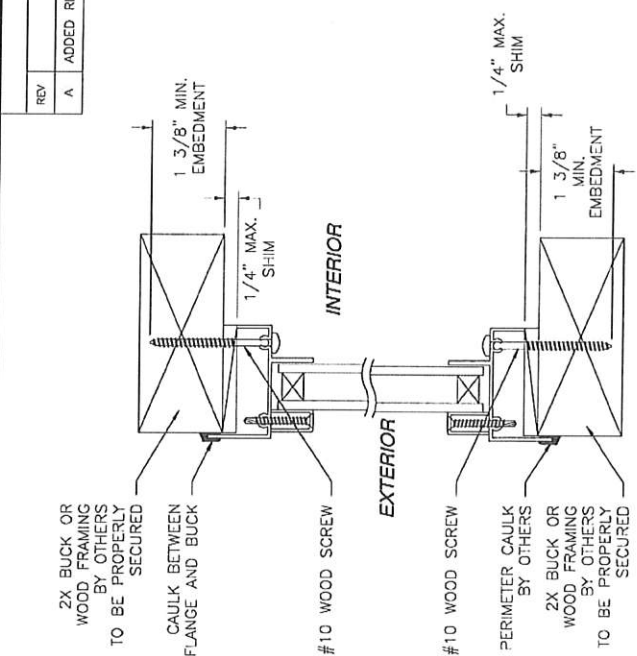
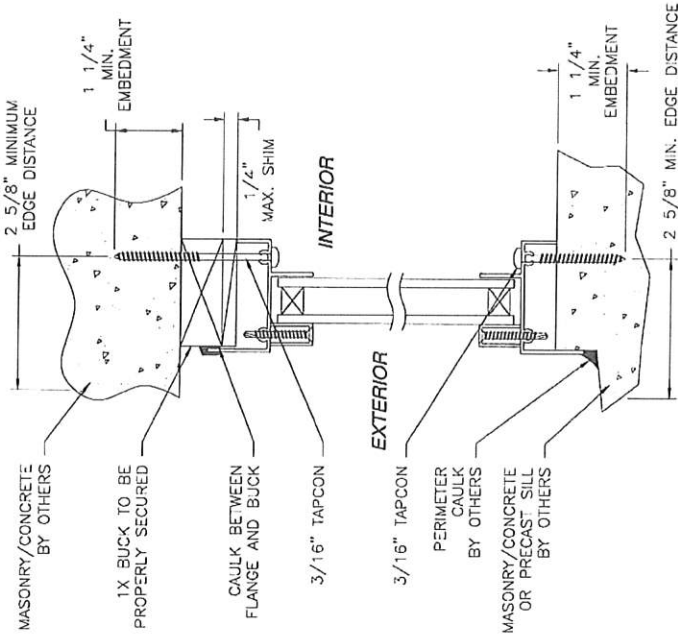
MI WINDOWS AND DOORS
4314 ROUTE 209
ELIZABETHVILLE, PA 17023

185/3185 ALUMINUM FIXED WINDOW
FLANGE FRAME NON-IMPACT
ELEVATION AND NOTES

DRAWN: R.L.	REV: A
SCALE: NTS	DATE: 7/13/09
DWG NO.: 08-00801	SHEET 1 OF 3

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SHEET NO.	DESCRIPTION
1	ELEVATION AND GENERAL NOTES
2	INSTALLATION DETAILS



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED RIGID FILLER INSTALLATION	4/21/11	R.L.

MI WINDOWS AND DOORS

4314 ROUTE 209
ELIZABETHVILLE, PA 17023

185/3185 ALUMINUM FIXED WINDOW
FLANGE FRAME NON-IMPACT
INSTALLATION DETAILS

DWG NO. 08-00801

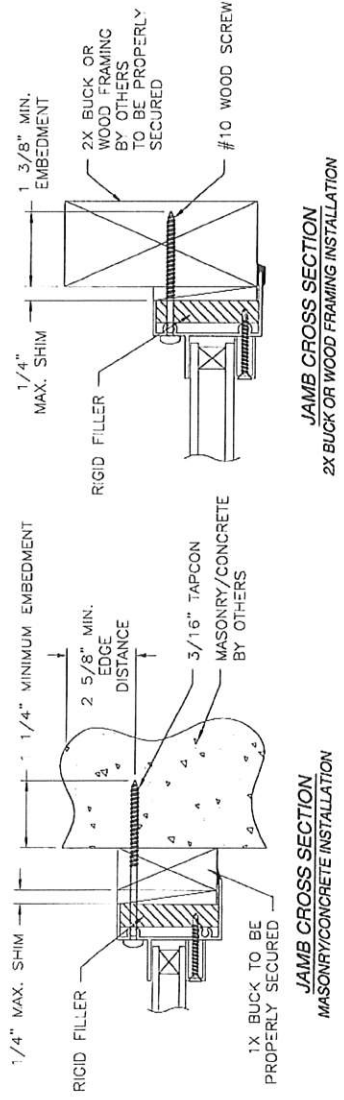
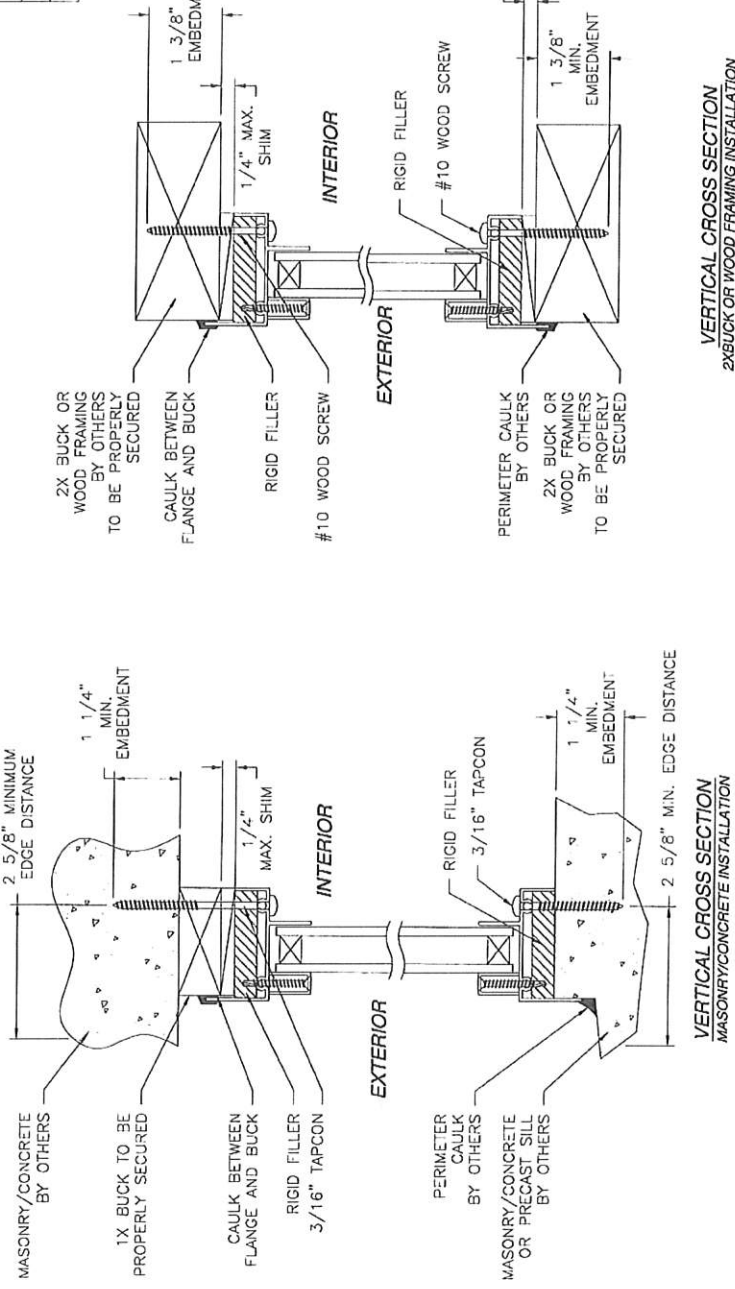
REV A

DATE 7/13/09

SHEET 2 OF 3

U.S. License
No. 62514
Professional Engineer
STATE OF FLORIDA

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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MI WINDOWS AND DOORS

4314 ROUTE 209
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185/3185 ALUMINUM FIXED WINDOW
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DWG NO.
08-00801

DATE
7/13/09

SCALE
NTS

SHEET
3 OF 3

REV
A

PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 89514
R. L. LOMAS
LICENSE