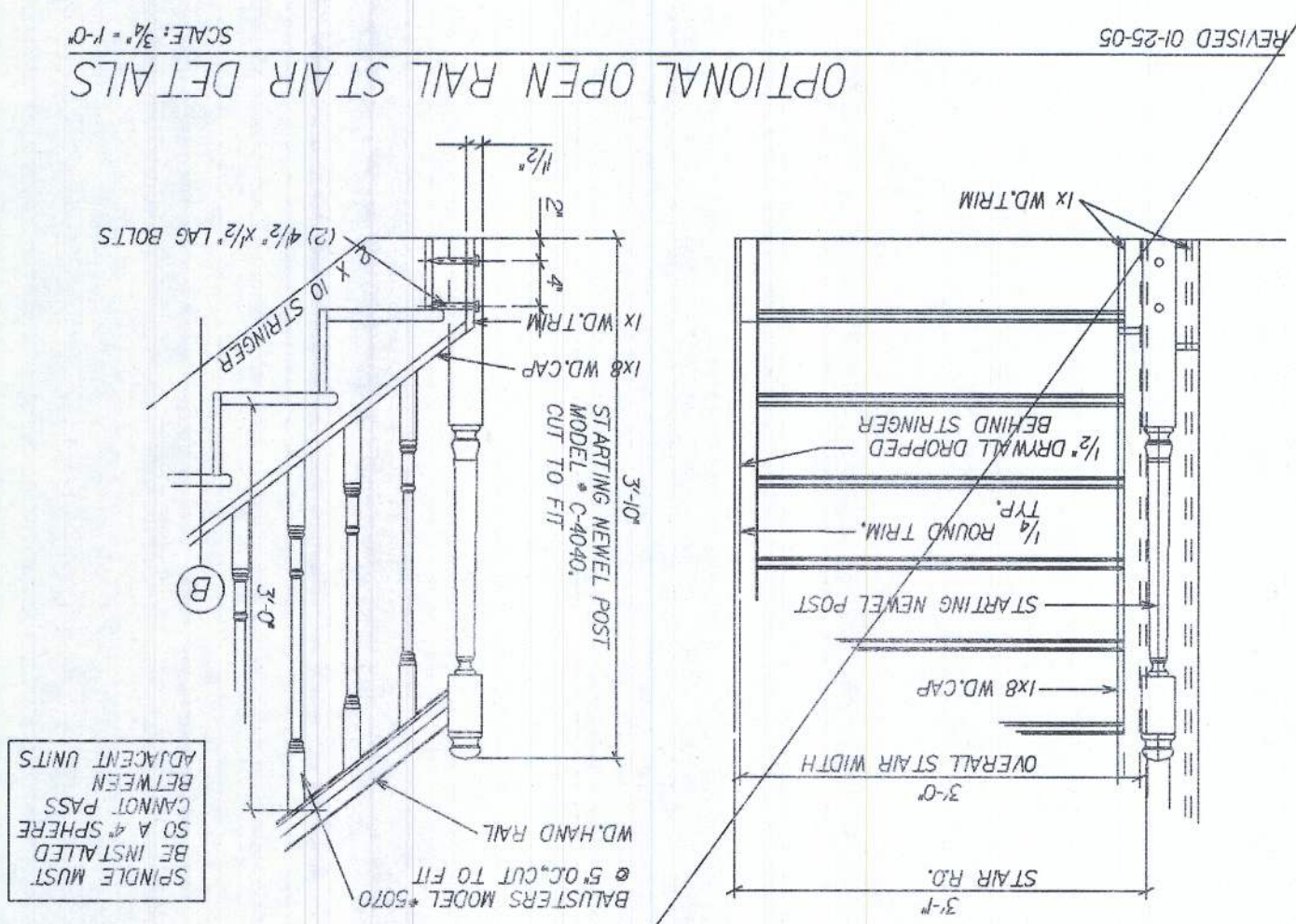
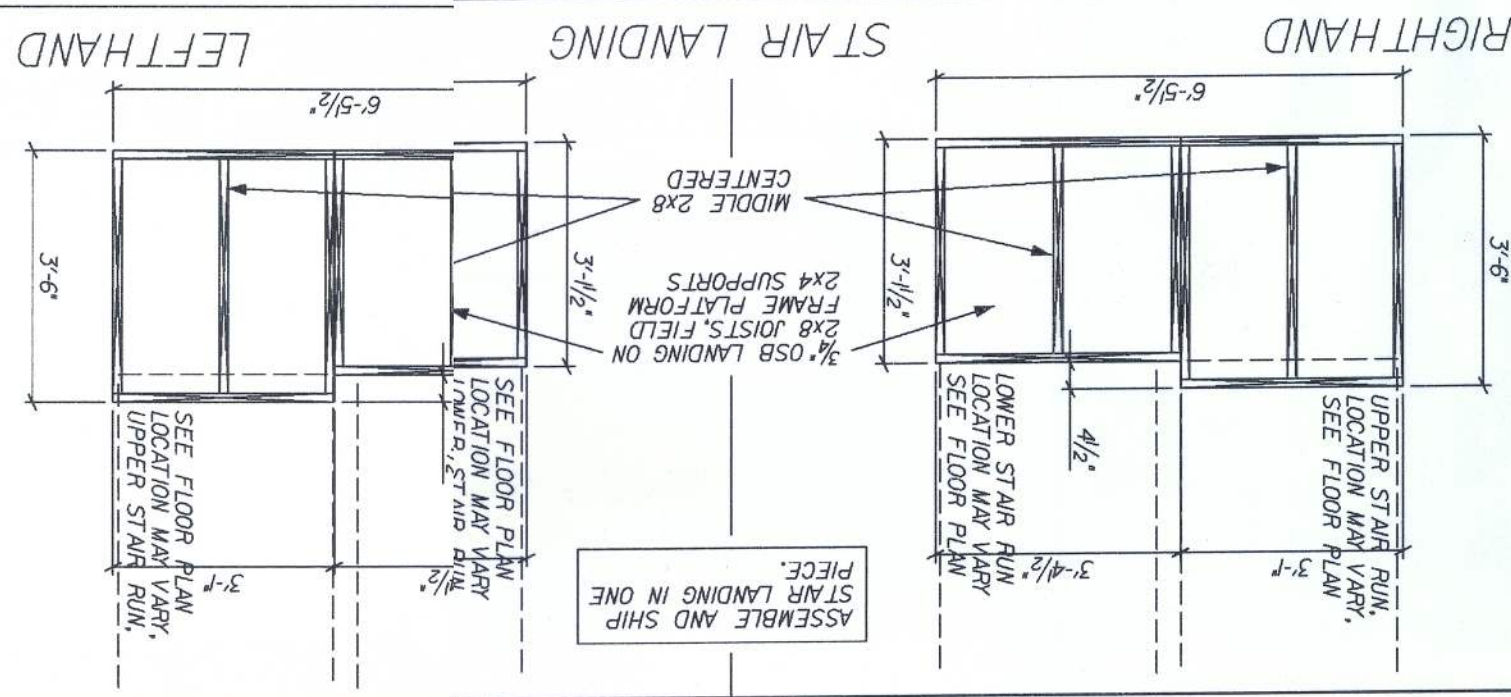
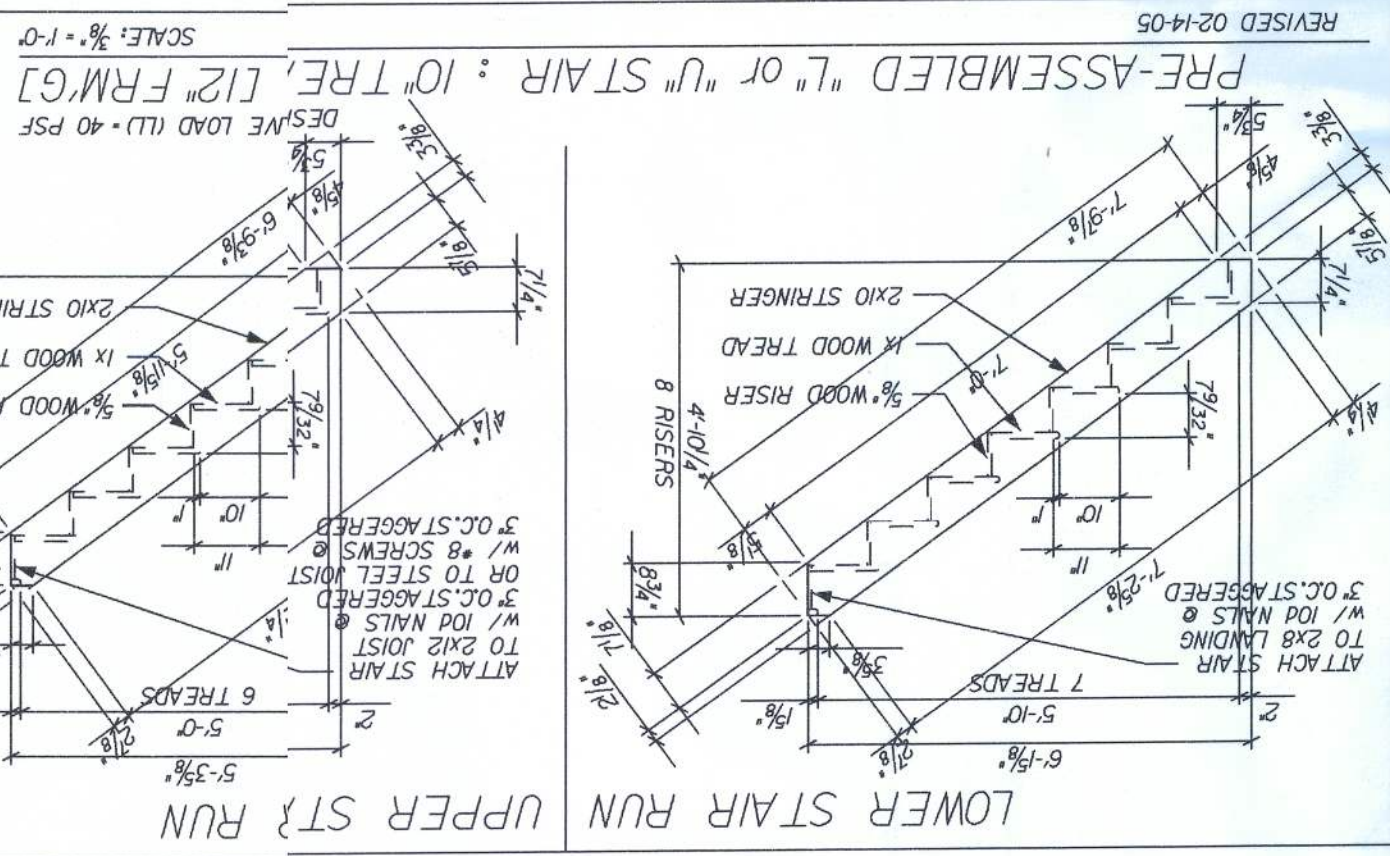
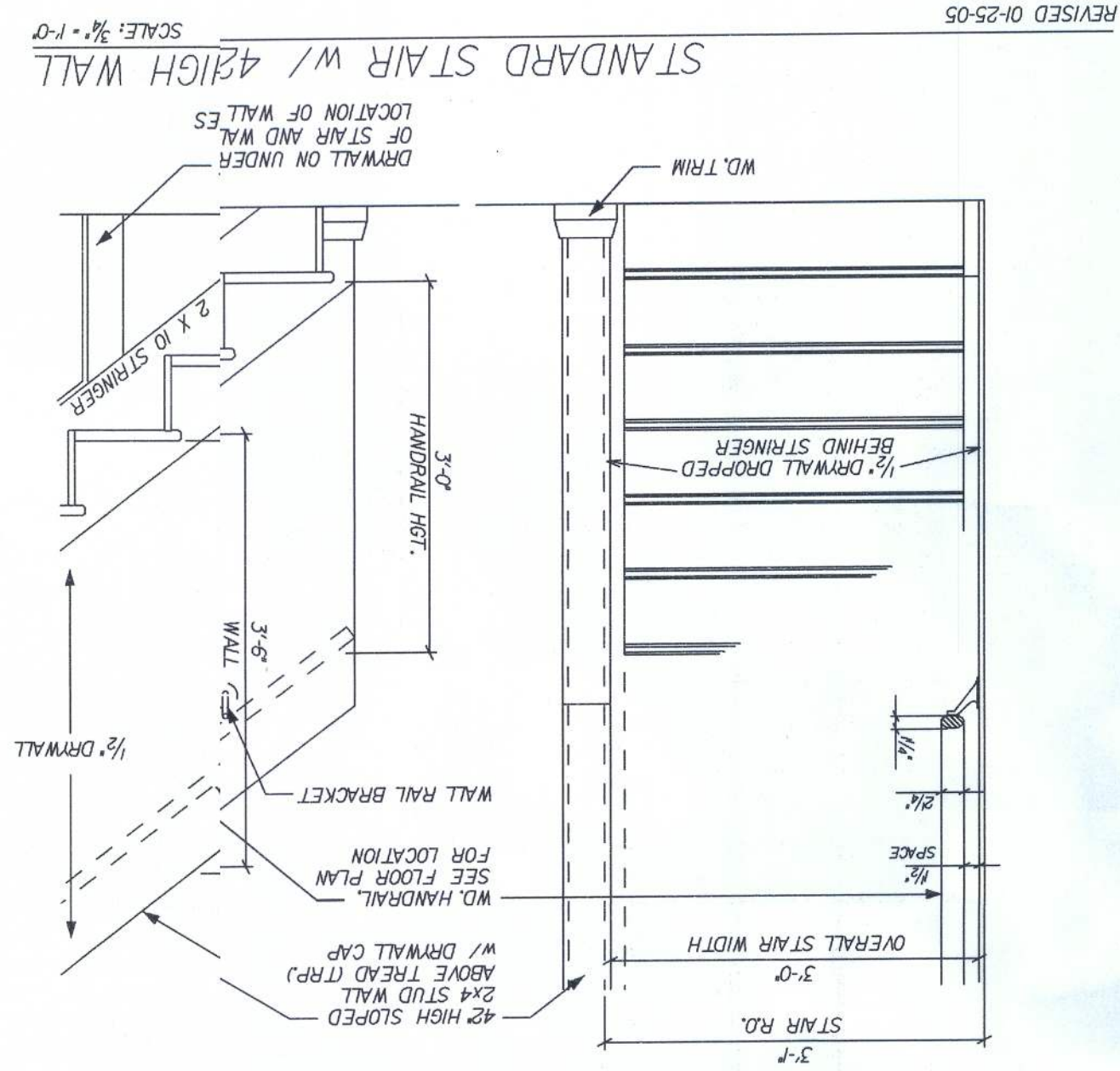
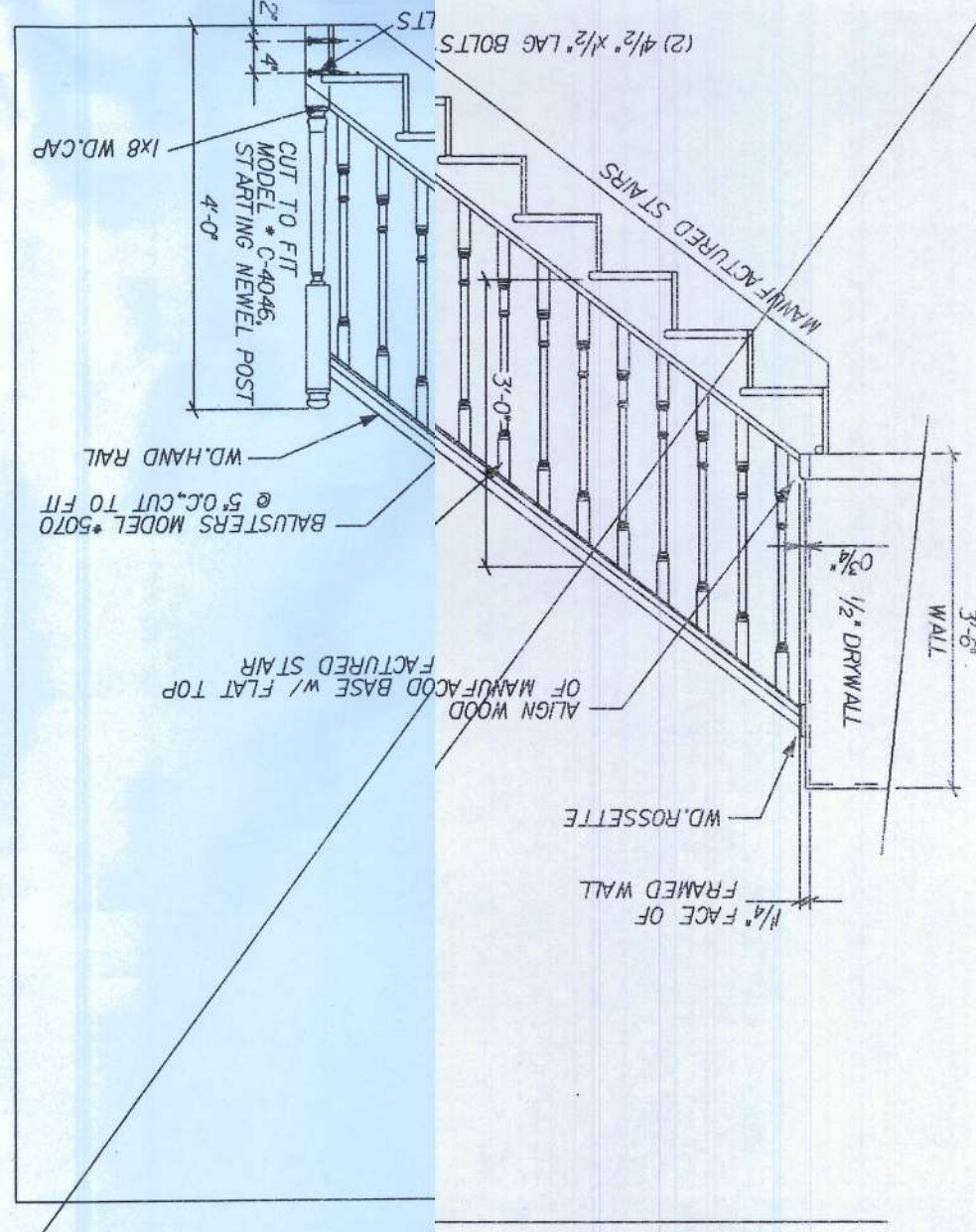
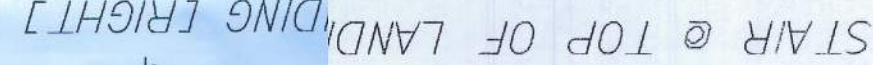
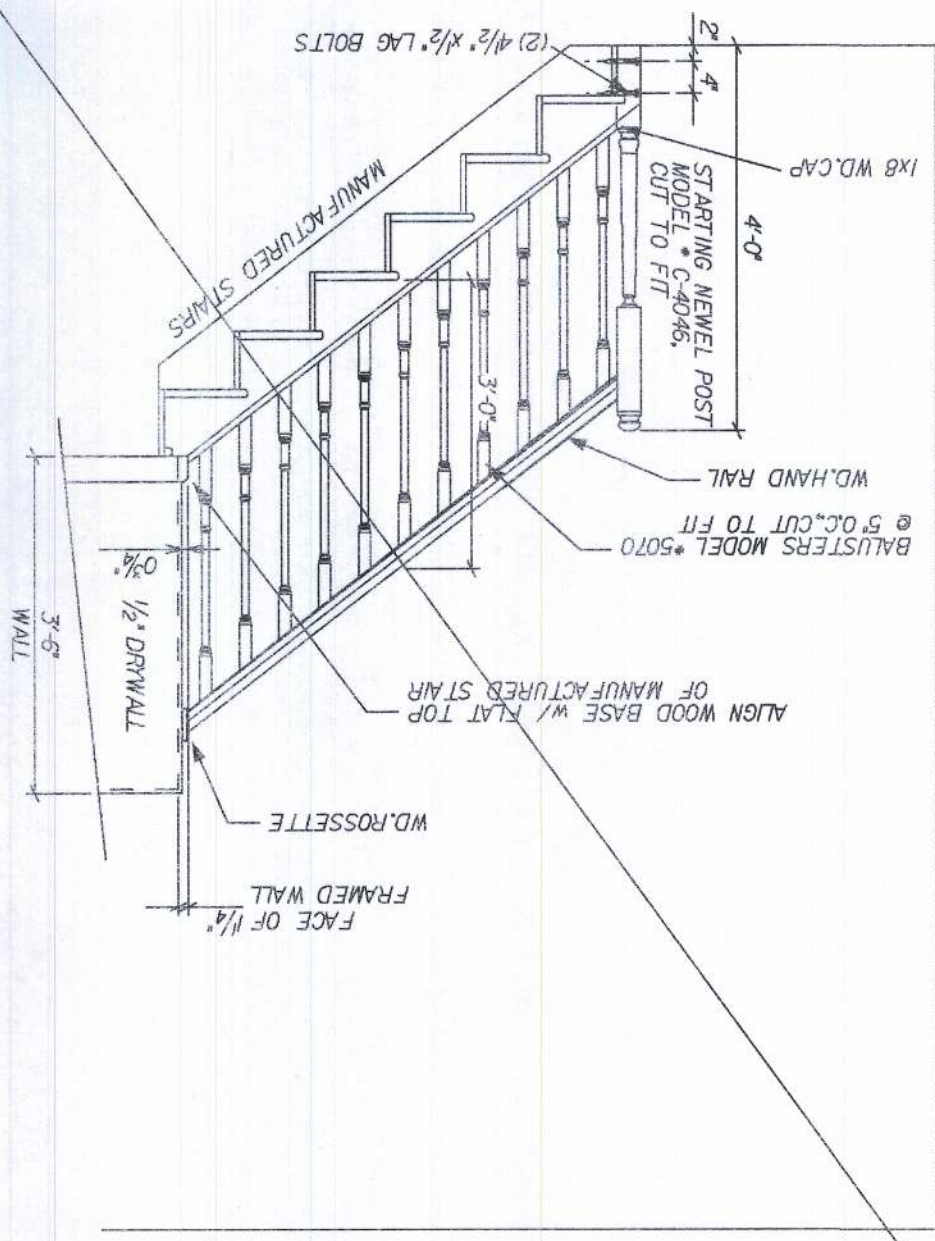
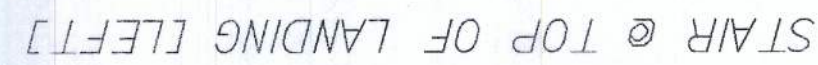
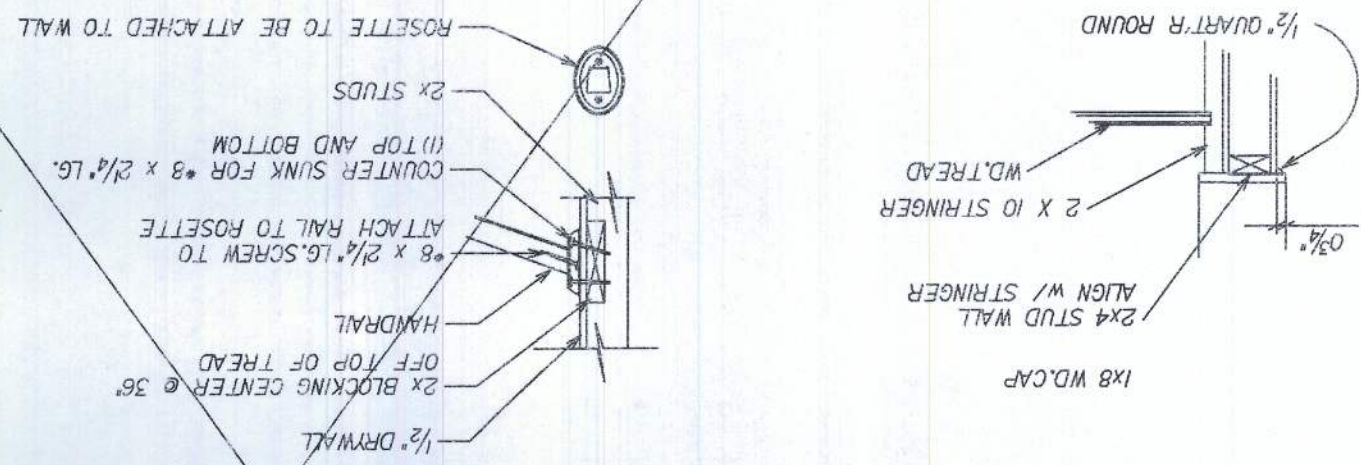




SECTION B



STP

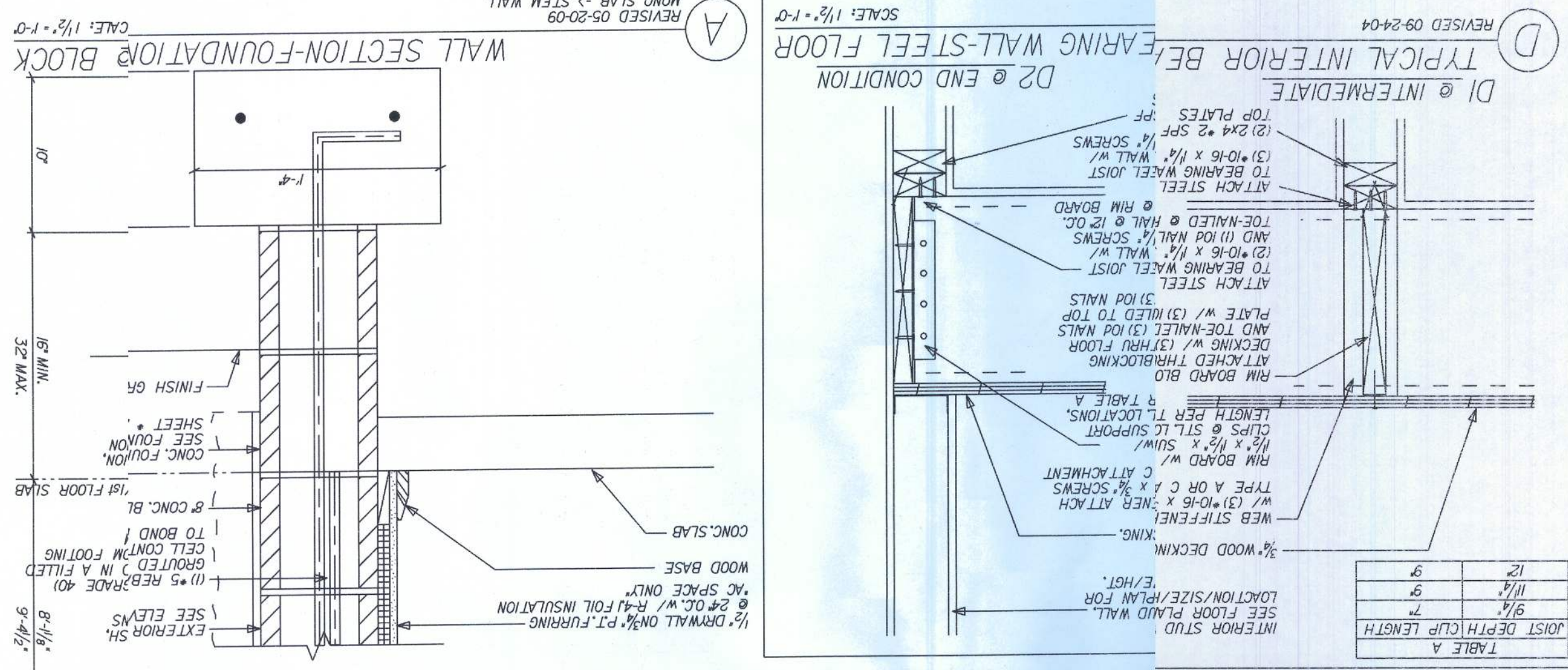
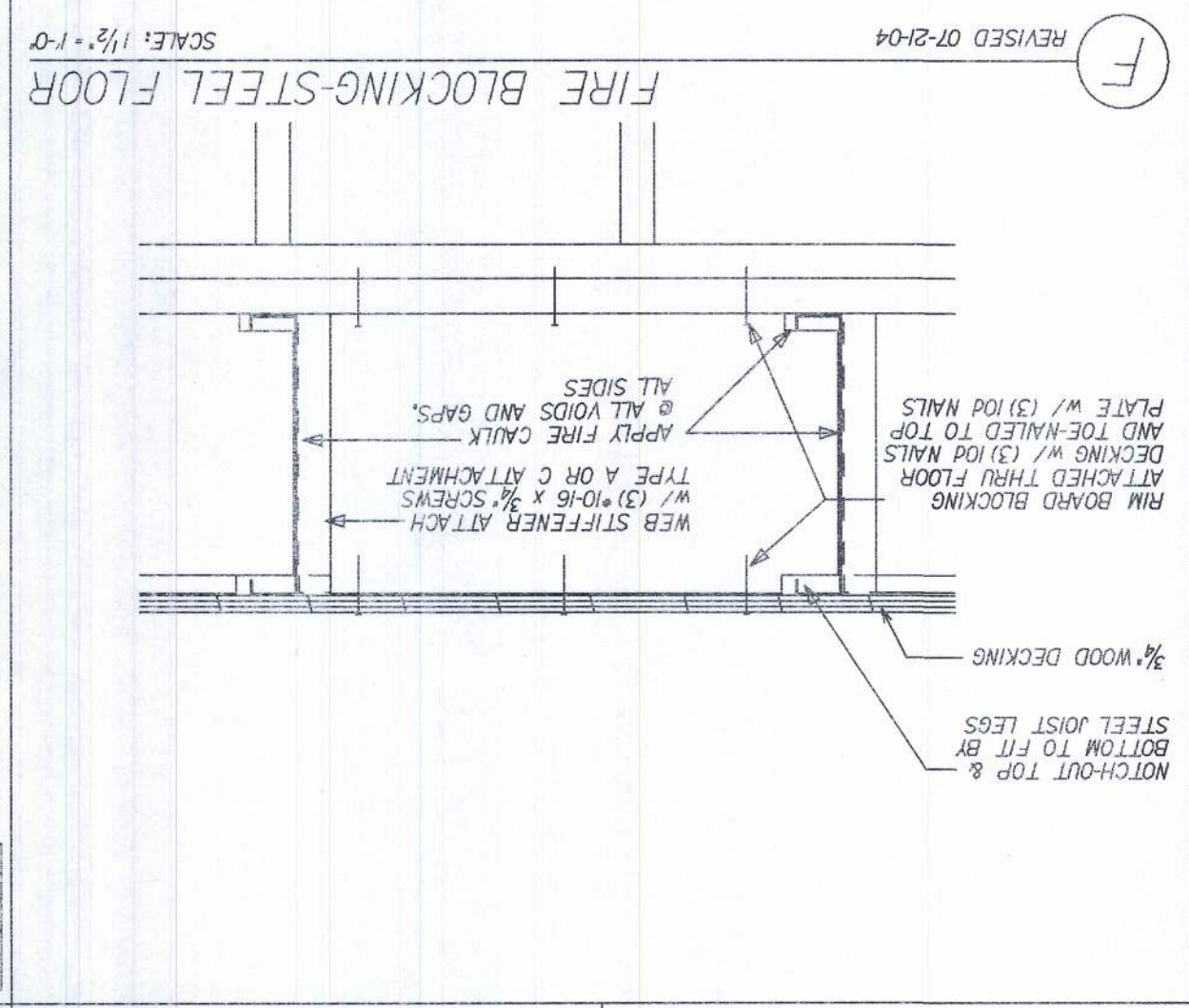
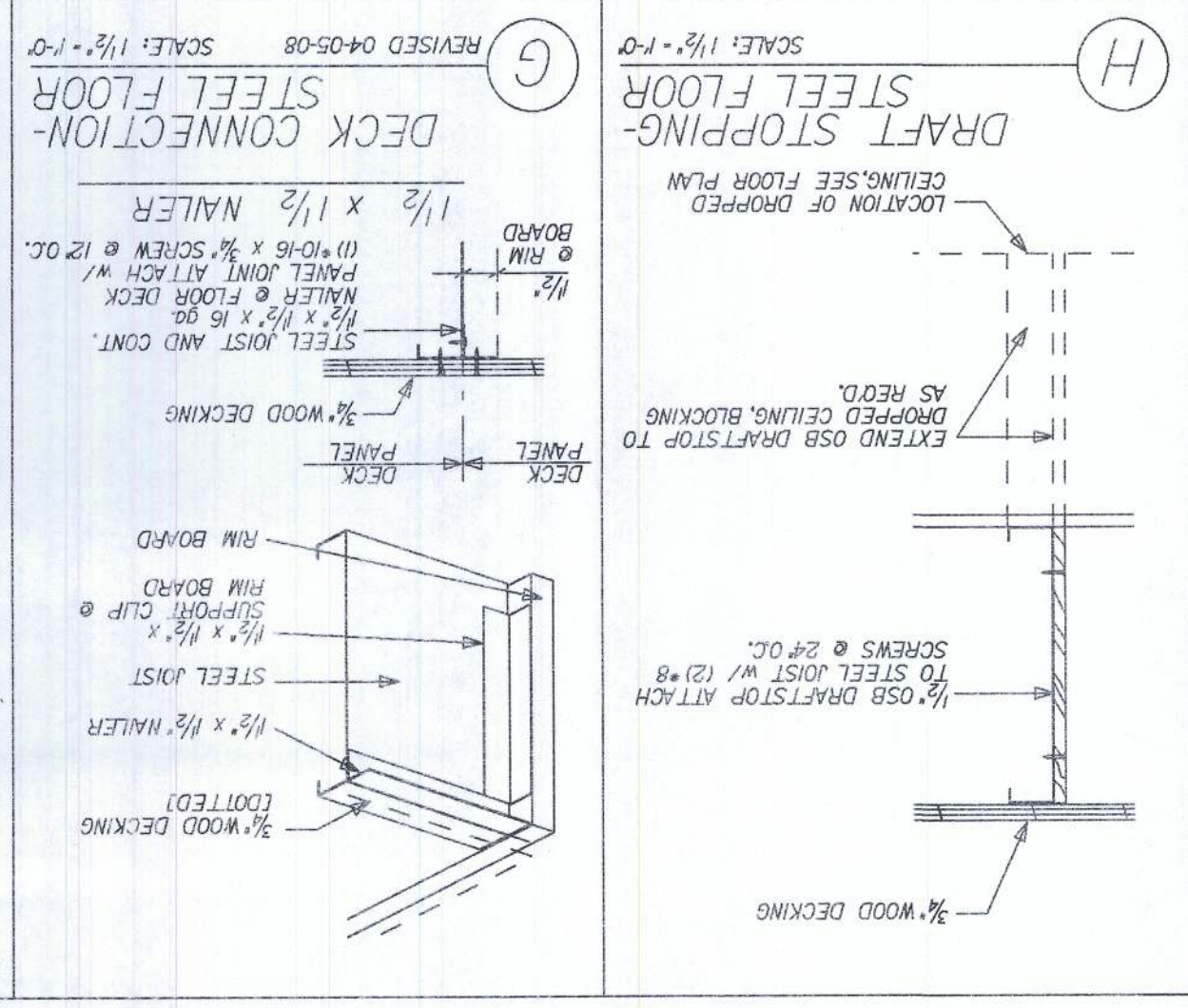
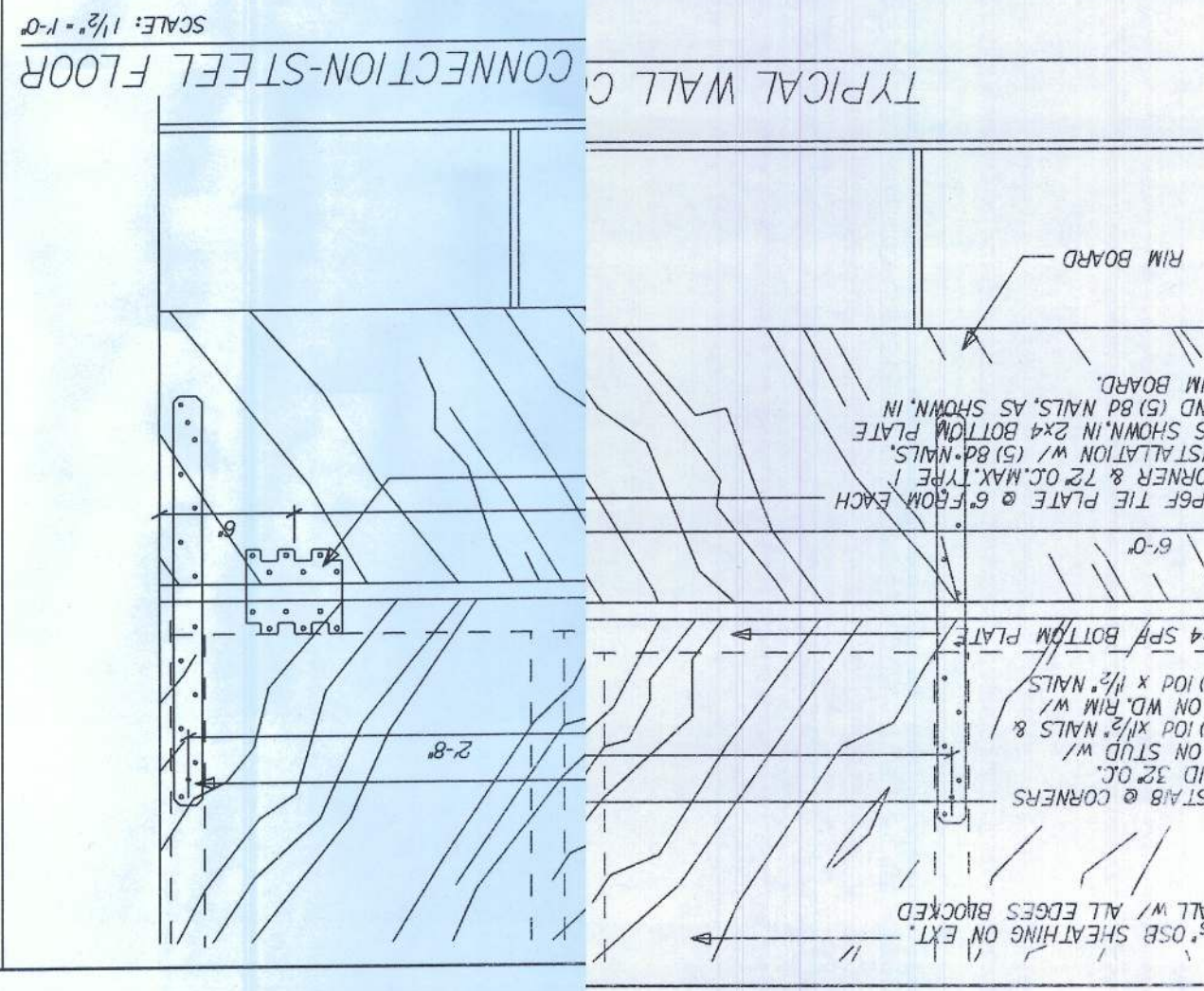
Maronda Systems
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Sanford, FL 32771
(407)321-0064

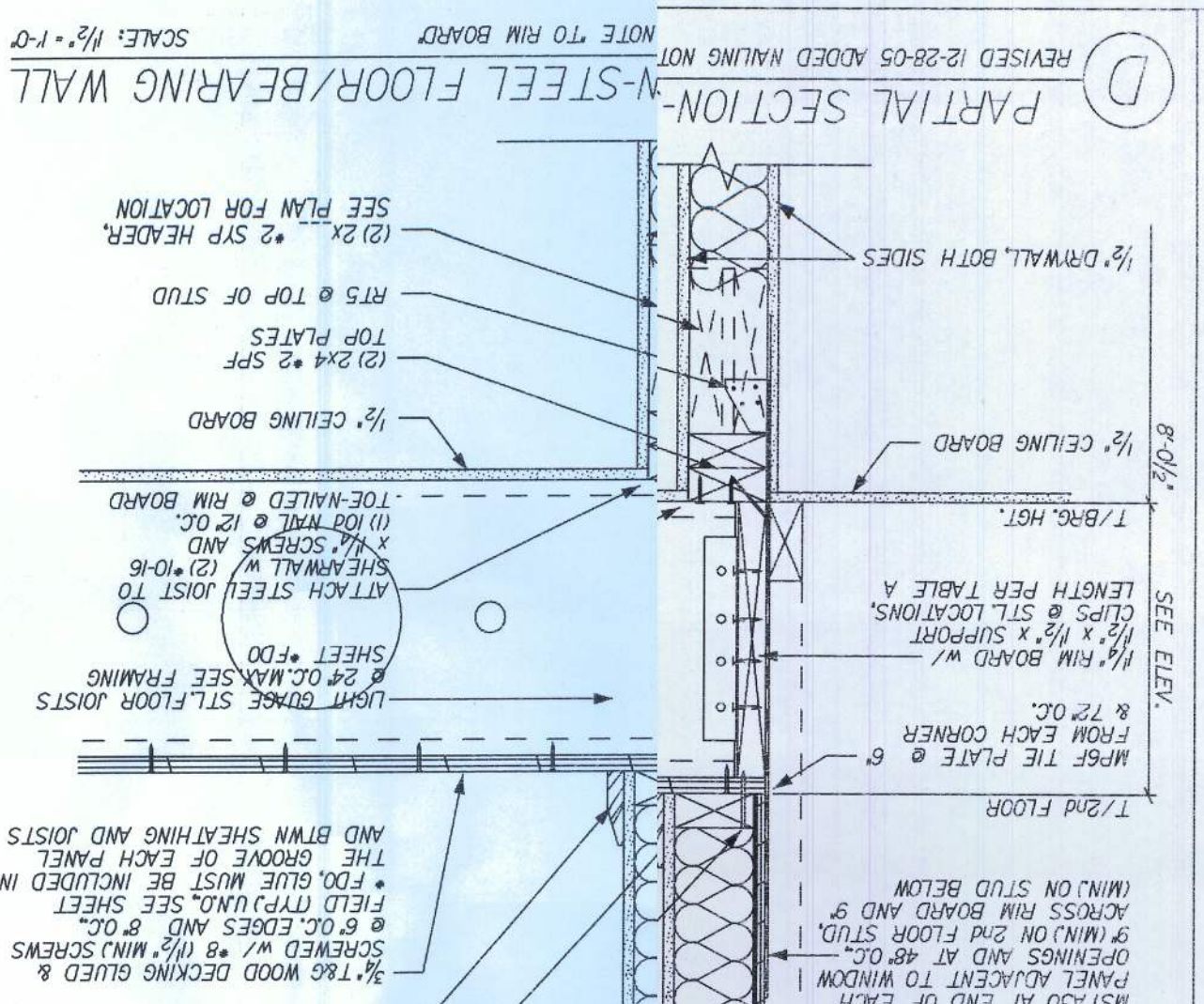
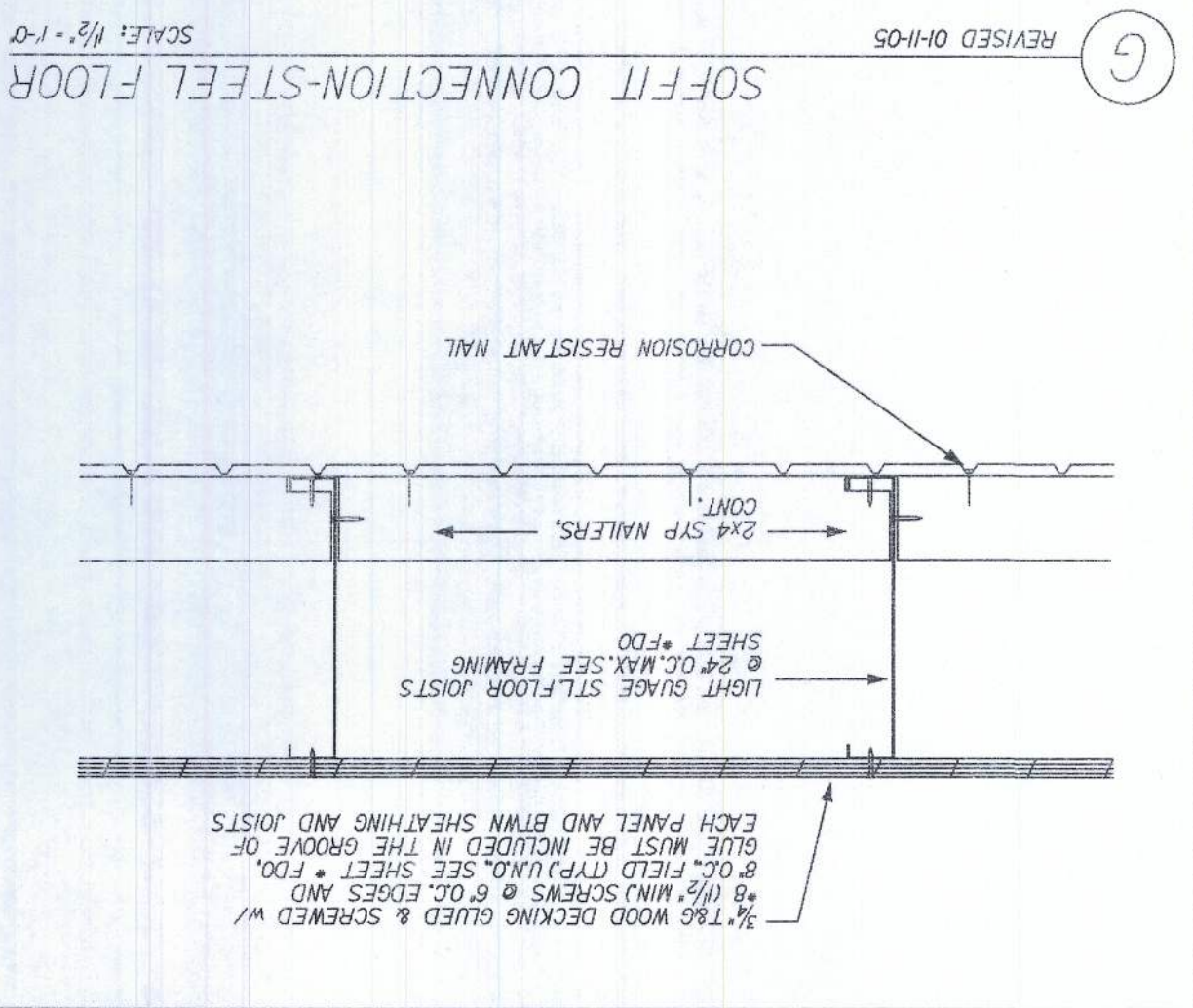
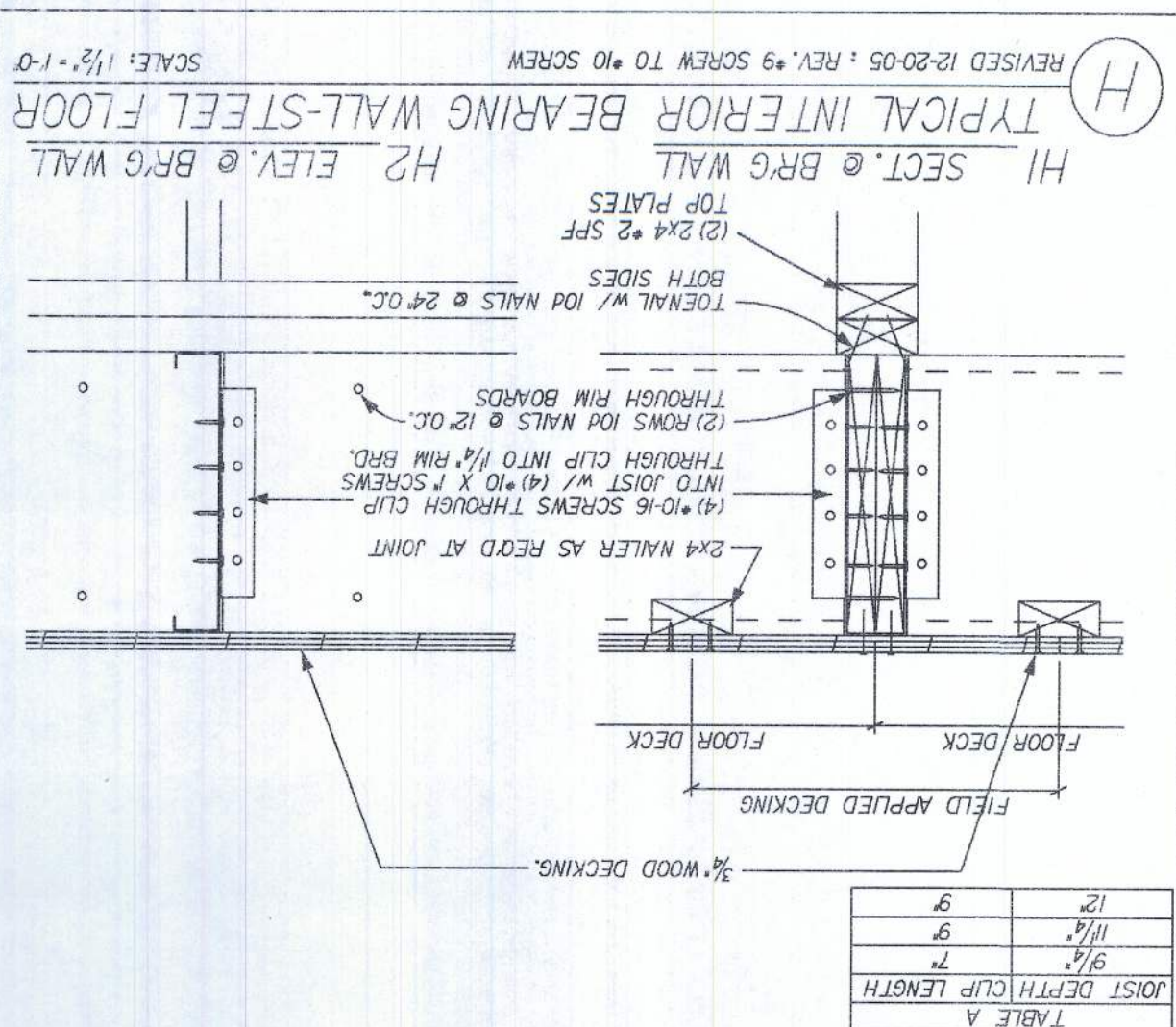
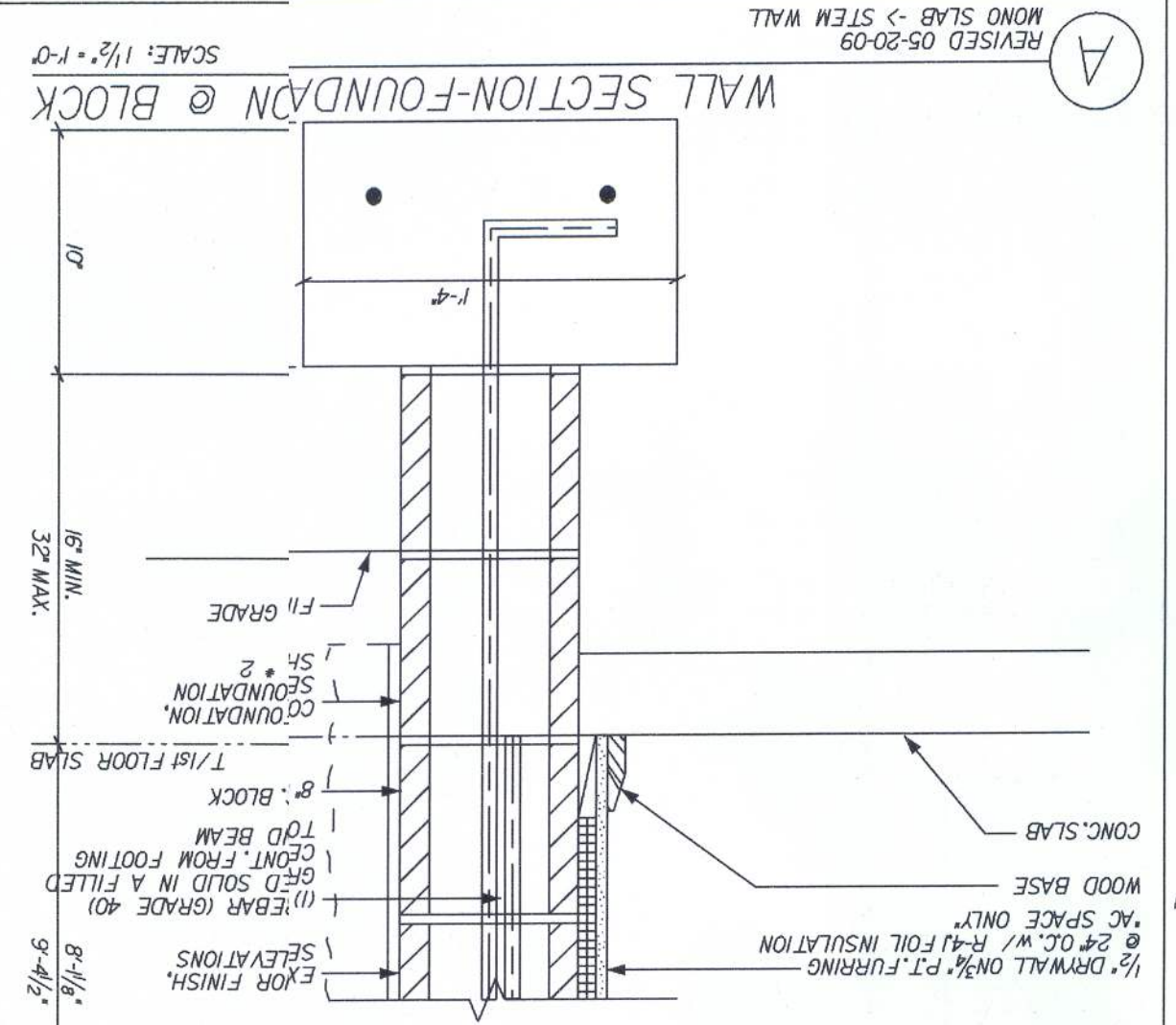
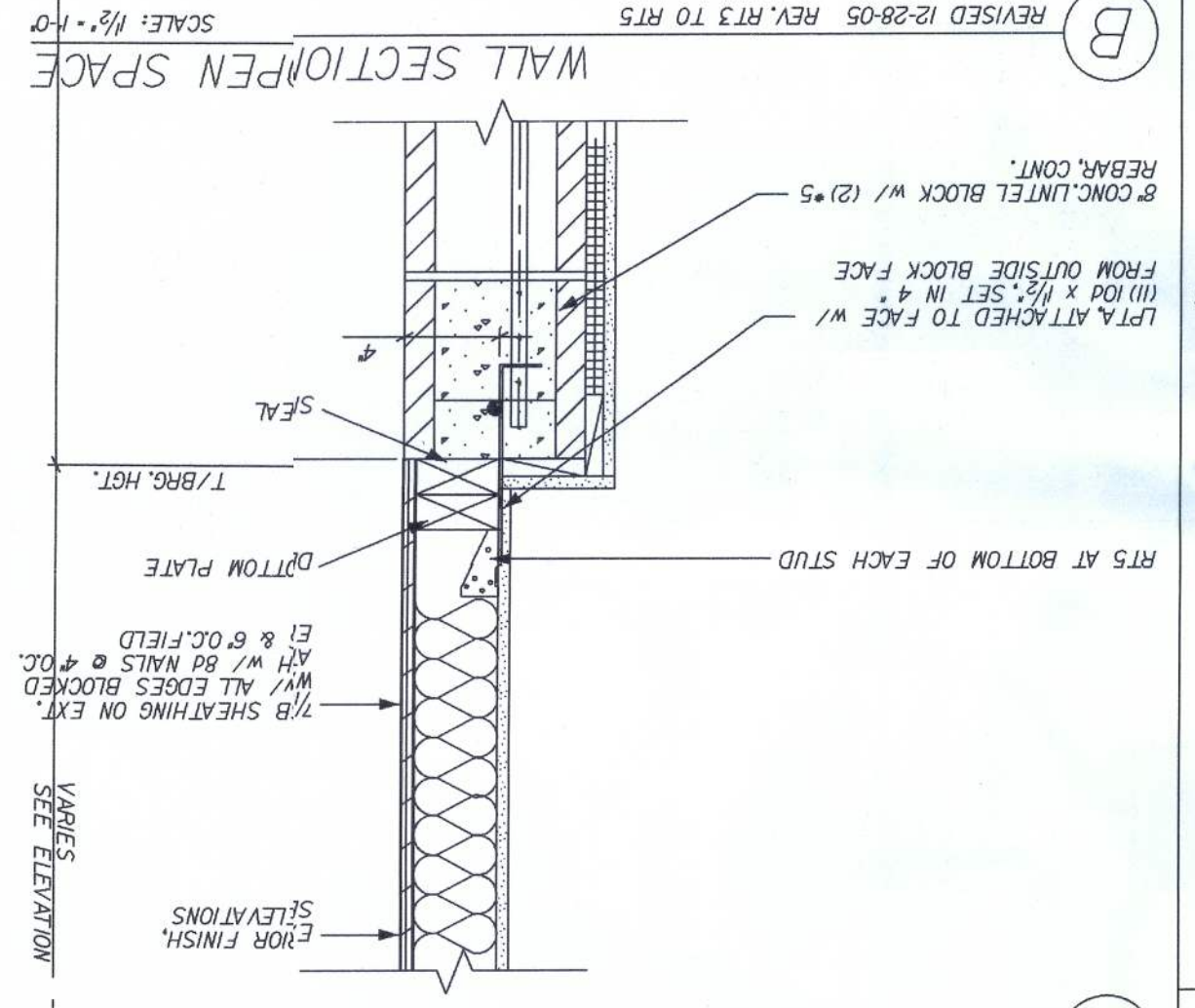
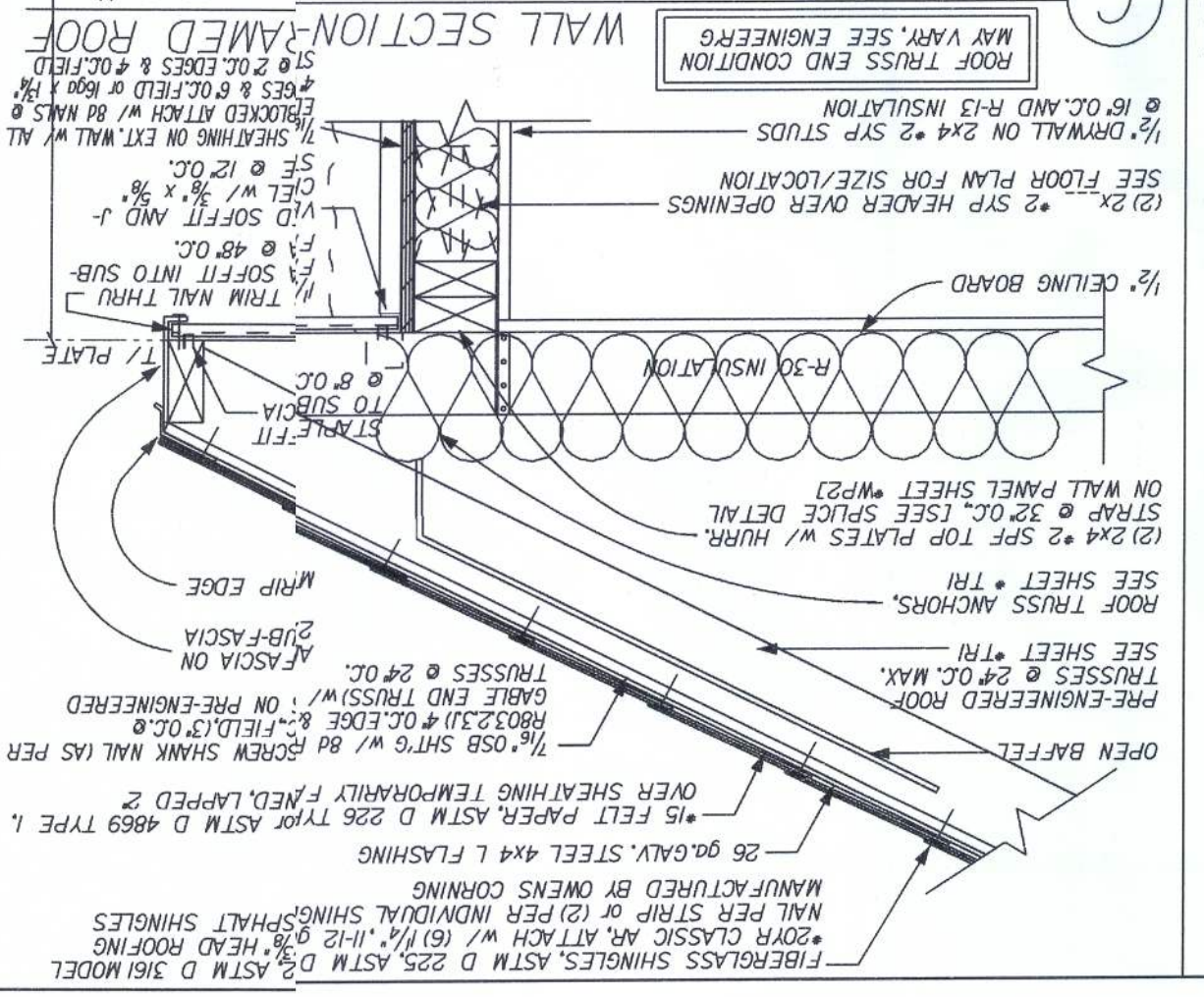
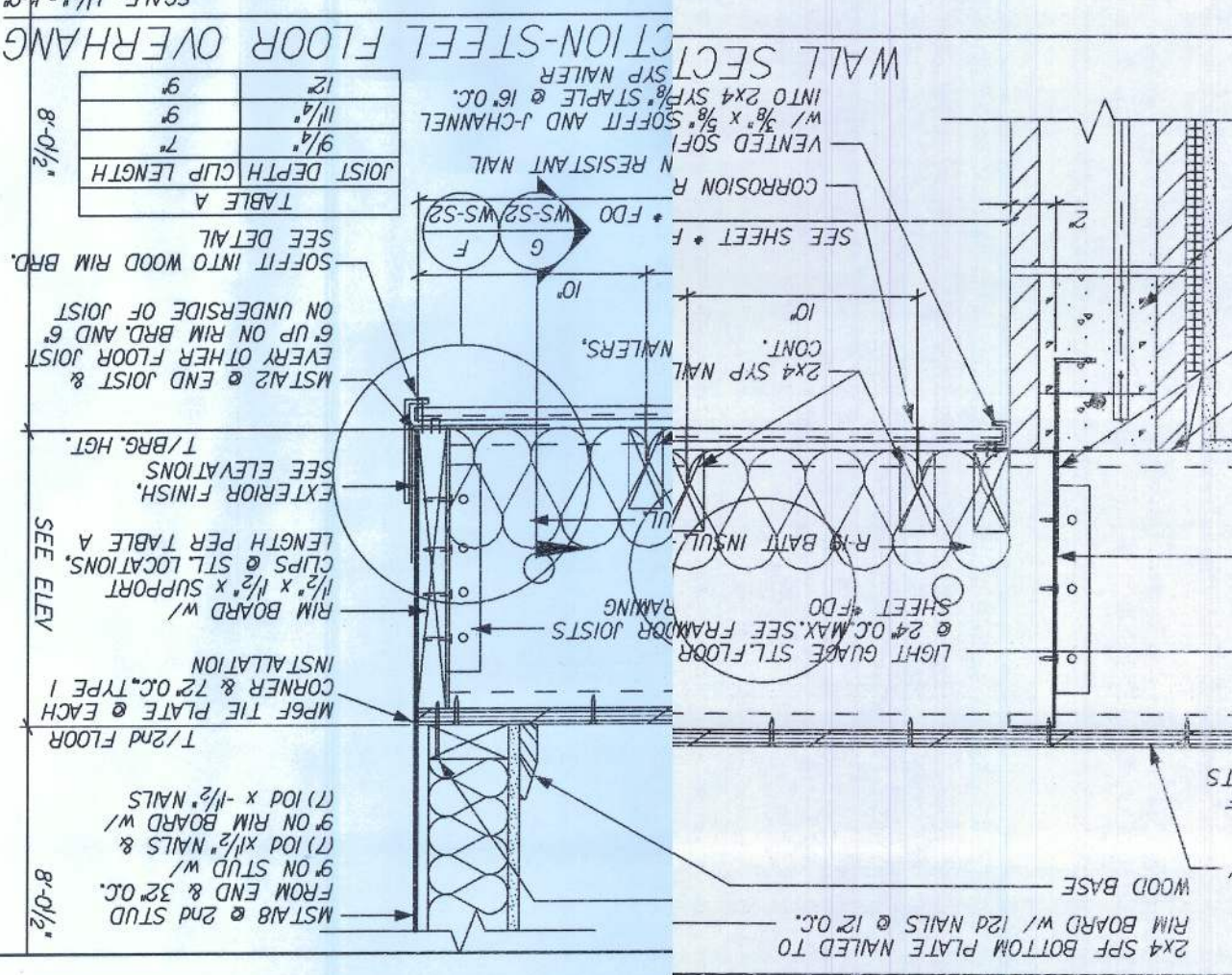
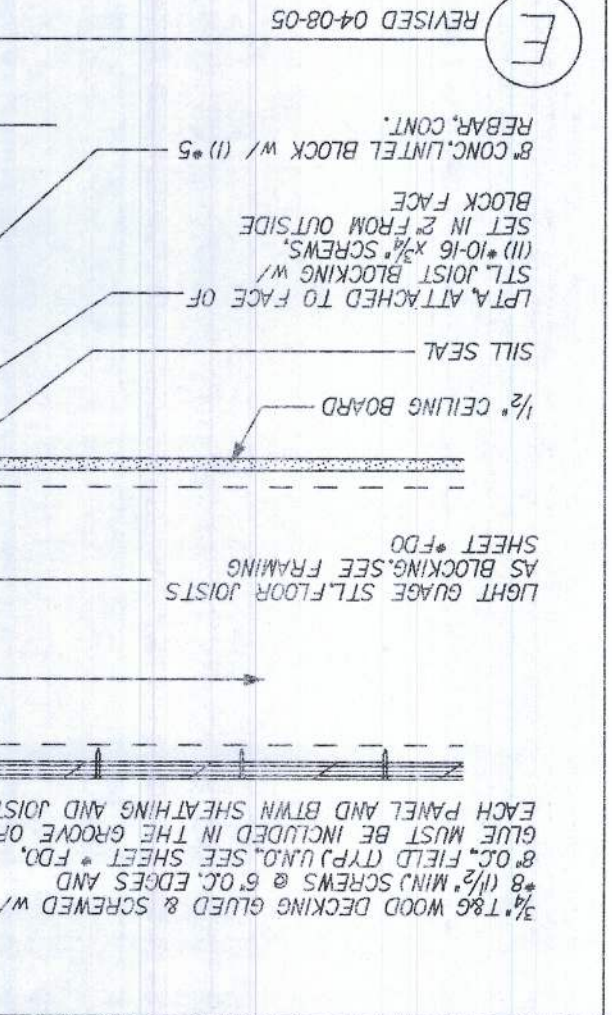
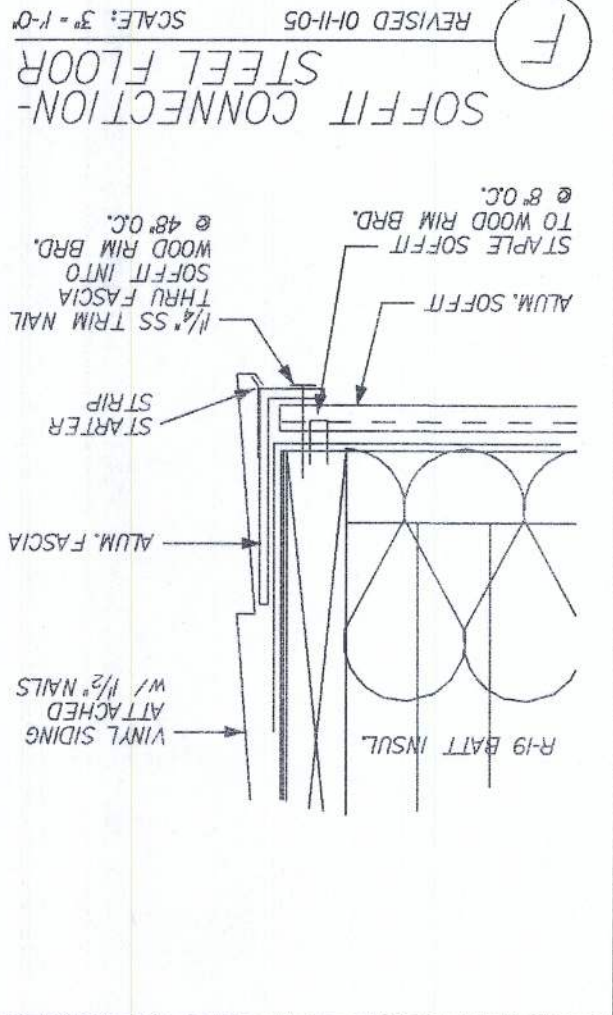
12" FRMG	15 RISER : " L" STAIR
----------	-----------------------

STAIR DETAILS

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REVISIONS :
10-01-05 FBC 2004 : RESIDENTIAL
10-21-05 RIGHTHAND/LEFTHAND LANDINGS





REVISIONS:

NO.	DATE	DESCRIPTION
01	04-09	REV. CODE INFORMATION

Maronda Homes
4005 MARONDA WAY SANFORD, FLORIDA 32771
(407) 321-0064

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1609.003, FLORIDA BUILDING CODE 2001. RESIDENTIAL TRUSSES HAVE BEEN CHECKED TO ENSURE THEY MEET THE REQUIREMENTS OF SECTION 1609.003, FLORIDA BUILDING CODE 2001. DESIGNED WIND SPEED: 130 MPH (3 sec. gust)

WALL SECTIONS

BAYBURY

DRAWN BY: GARAGE: RELEASE DATE: 03-22-05

WS-S2

SHEET:

Tomás Ponce P.E.
License No. 0050068
January 25, 2011

4005 Maronda Way
Sanford, FL 32771
(407) 321-0064

PLOT DATE: 24 JUN 2010

SHEET: F D O		PLAT DATE: 20 JAN 2011	
January 25, 2011 License No. 0050068 Tomas Ponce P.E.		Maronda Systems 4005 Maronda Way Sanford, FL 32771 (407)321-0064	
AMERICANA		FRAMING PLAN	
BAYBURY		2 CAR GARAGE	
DRAWN BY:		GARAGE: RIGHT	
RELEASE DATE: 03-22-05		06/22/03	
FLORIDA THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE 2003 FLORIDA BUILDING CODE, 2003 RESIDENTIAL WITH 2003 SUPPLEMENT, ALL REQUIREMENTS OF THE 2003 FLORIDA BUILDING CODE AND ALL APPLICABLE LOCAL ORDINANCES, AND THE 2003 FLORIDA DESIGN WIND SPEED DESIGN 3 sec gust		COPYRIGHT © 2003 MARONDA HOMES (407) 321-0064 4005 MARONDA WAY SANFORD, FLORIDA	
REVISONS : 01-06-11 REV. REAR WALL/DEL. OVERHANG		03-01-09 REV. CODE INFORMATION	

ITEM	DESCRIPTION
U	12 x 13 1/2 LVL
SI	2 x 4 blocking
WI	web stiffener
SBI	solid blocking
LBI-LB2	lateral blocking
NI-N8	1/2 x 12 1/2 nailer
JI-J8	joist
GI-G5	girder
RI-RI8	1/4 rim board
ITEM	DESCRIPTION

FLOOR FRAMING LEGEND

ERECTOR/INSTALLATION NOTES

WARNING!

THE ERECTOR/INSTALLATION CONTRACTOR SHOULD PROVIDE ADEQUATE BRACING (CRANE, TALLIES, SPREADER BARS) FOR SUFFICIENT CONTROL DURING LIFTING AND PLACEMENT TO ASSURE SAFETY TO PERSONNEL AND TO PREVENT DAMAGE TO FLOOR DECK PANELS AND PROPERTY.

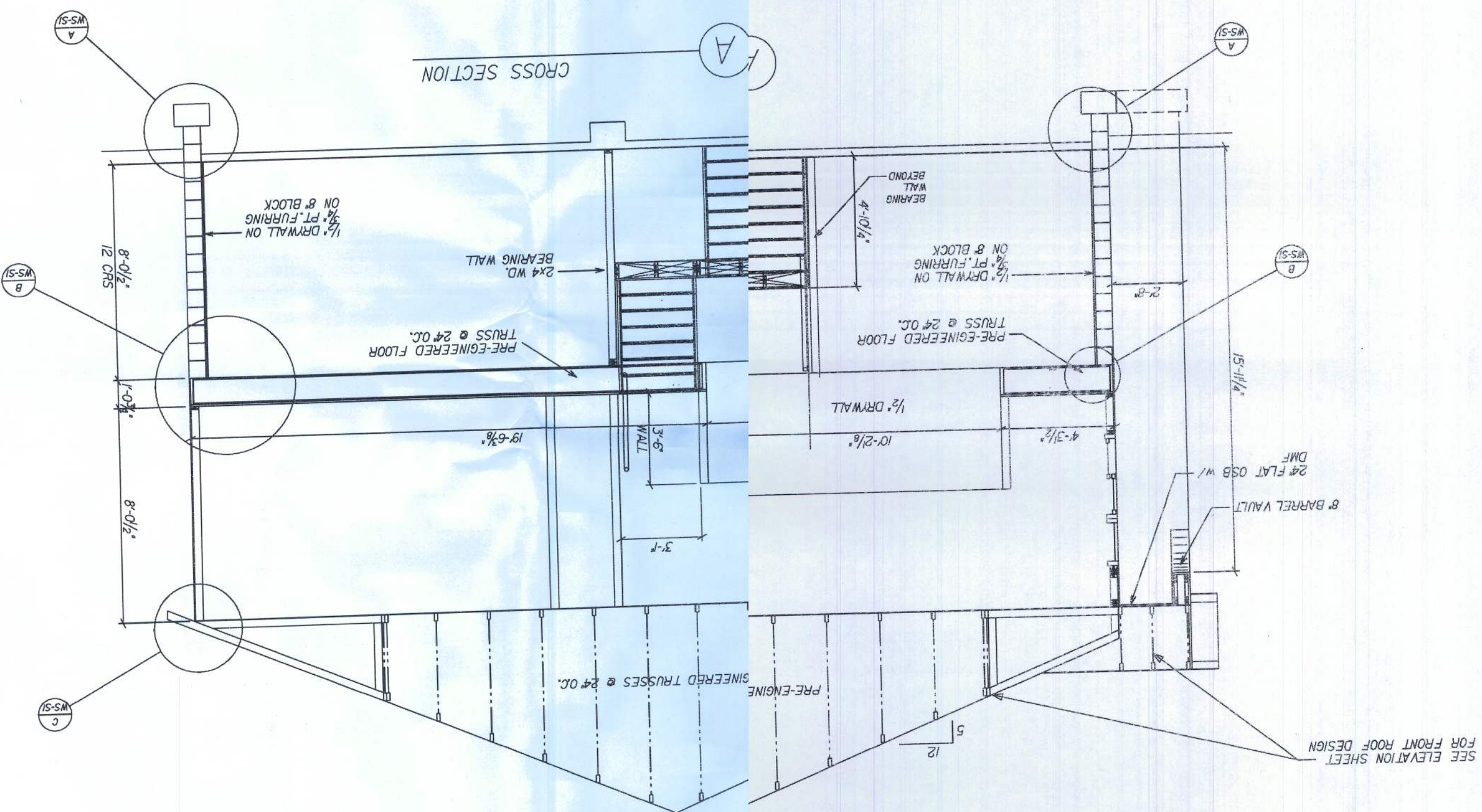
NOTE:

AS PER BCSPBZ, TEMPORARY AND PERMANENT BRACING FOR PARALLEL CHORD TRUSSES FROM BCSPBZ 2008 EDITION. STROBOLAPS ARE TO BE INSTALLED ONLY ON THE FLOOR TRUSSES WHERE THE TRUSS ENGINEERING SHEET INDICATES THAT THE L/480 LIVE LOAD DEFLECTION CRITERIA IS NOT MET. ALL FLOOR DECK PANELS UP TO 30' KEEP LINE ANGLE AT CRANING POINTS AT 60° OR LESS.

ALL FLOOR DECK PANELS 30' TO 60' ATTACH FLOOR DECK PANEL TO SPREADER BAR WITH LINES THAT SLOPE INWARD OR TOE-IN LINES THAT TOE-OUT MAY CAUSE FLOOR DECK PANEL TO BUCKLE.

FLOOR FRAMING NOTES: 12/14/00

12" LUGS STEEL FLOOR JOISTS (14g0)
 @ MAY/C.
 1/4" x 1/2" WOOD RIM BOARD
 MINIMUM SCREW EDGE DISTANCE AND SPACING IS 3/16" - 3/8" RESPECTIVELY. THESE DIMENSIONS ARE APPLIED TO THE CENTERLINE OF THE SCREW.
 DESIGN: LVL/BD - 40 psf
 DECKING: 15" MIN. G.S.D. EDGES & 8" O.C. FIELD. UND. GUE 1 BE INCLUDED IN THE GROOVE OF EACH PANEL BETWEEN SHEATHING AND JOISTS.
 FLOOR VECTORS:
 # SEE DETAIL SHEET • WS-51
 Ø 1/4" ATTACHMENT TO BEARING WALL
 1/4" x 10-16 x 1/4" SCREWS. SEE DETAIL D/W-S-51
 FB 5" WOOD FIRE BLOCKING SEE DETAIL F/W-S-51.
 X SEE DETAIL SHEET B/W-S-52
 & LSEE DETAIL SHEET E/W-S-52



Maronda Systems
4005 Maronda Way
Sanford, FL 32774
(407) 321-0064

Tomas Ponce P.E.
License No. 0050068
January 25, 2011

CSU

AMERICANA SECTION

BAYBURY

RELEASE DATE: 03-22-05

DRAWN BY: GARAGE: RIGHT

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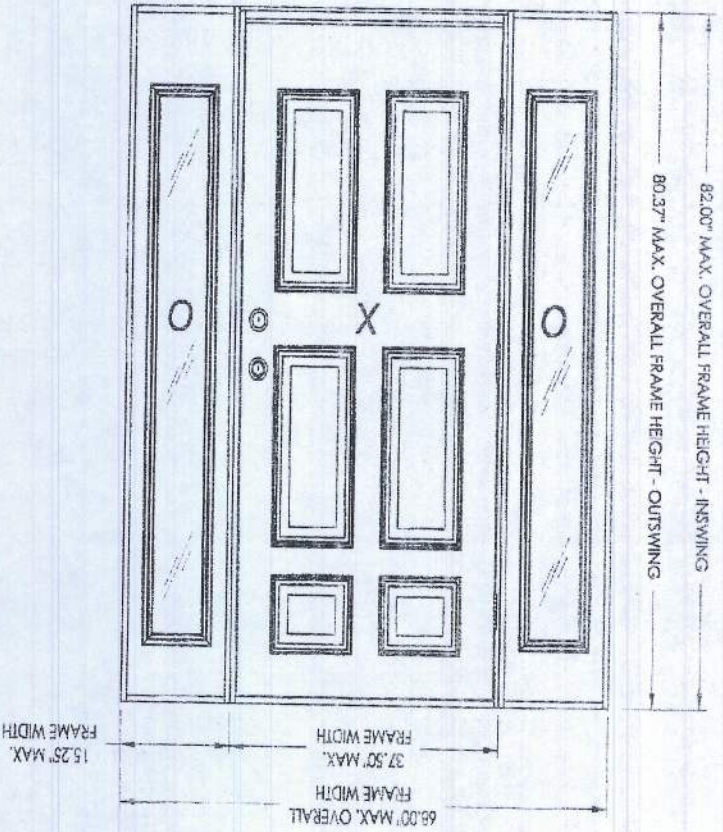
FLORIDA
THIS STRUCTURE WAS DESIGNED IN
ACCORDANCE WITH THE REQUIRE-
MENTS OF RESIDENTIAL WITH 2009 SUPPLEMENT

REVISIONS:

01-06-11 REV. REAR WALL/DEL. OVERHANG

03-01-09 REV. CODE INFORMATION

OPAQUE FIBERGLASS DOOR W/ SIDELITES
LIP LITE SCREW FRAME
INSWING / OUTSWING
"IMPACT"



- GENERAL NOTES
- The product has been evaluated and is in compliance with the 2007 Florida Building Code (FBC) structural requirements excluding the High Velocity Hurricane Zone (HVHZ).
 - Product and/or fasteners shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or slucco.
 - When used in areas requiring wind some debris protection this product complies with section 1609.1.2 of the FBC and does not require an impact resistant covering. This product meets mass level "D" and reduces Wind Zone 4 as defined in ASTM E1996. The sidelite must be protected with an impact resistant covering that complies with section 1609.1.2.
 - For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buick masonry construction.
 - Site conditions that deviate from the details of the drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS

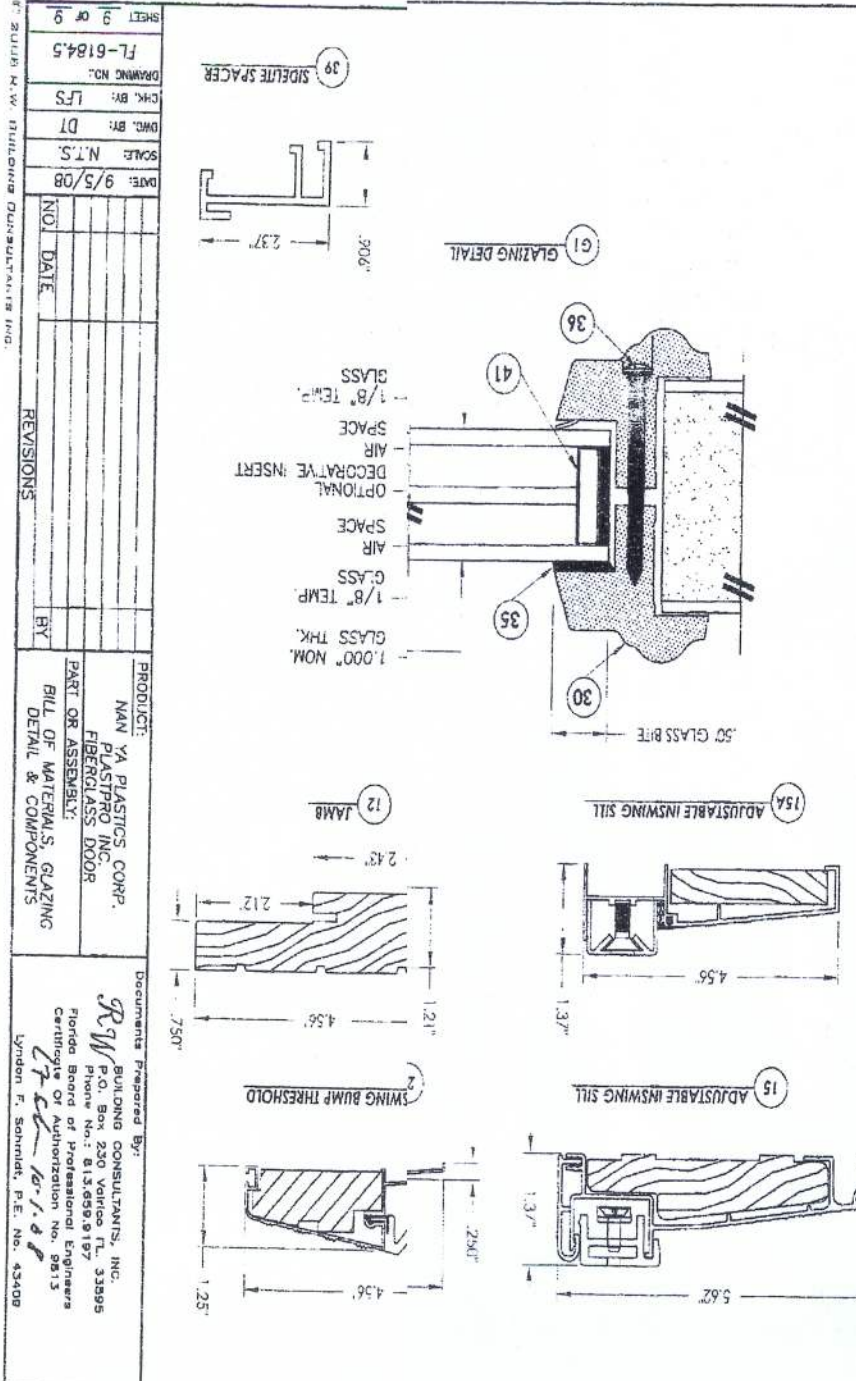
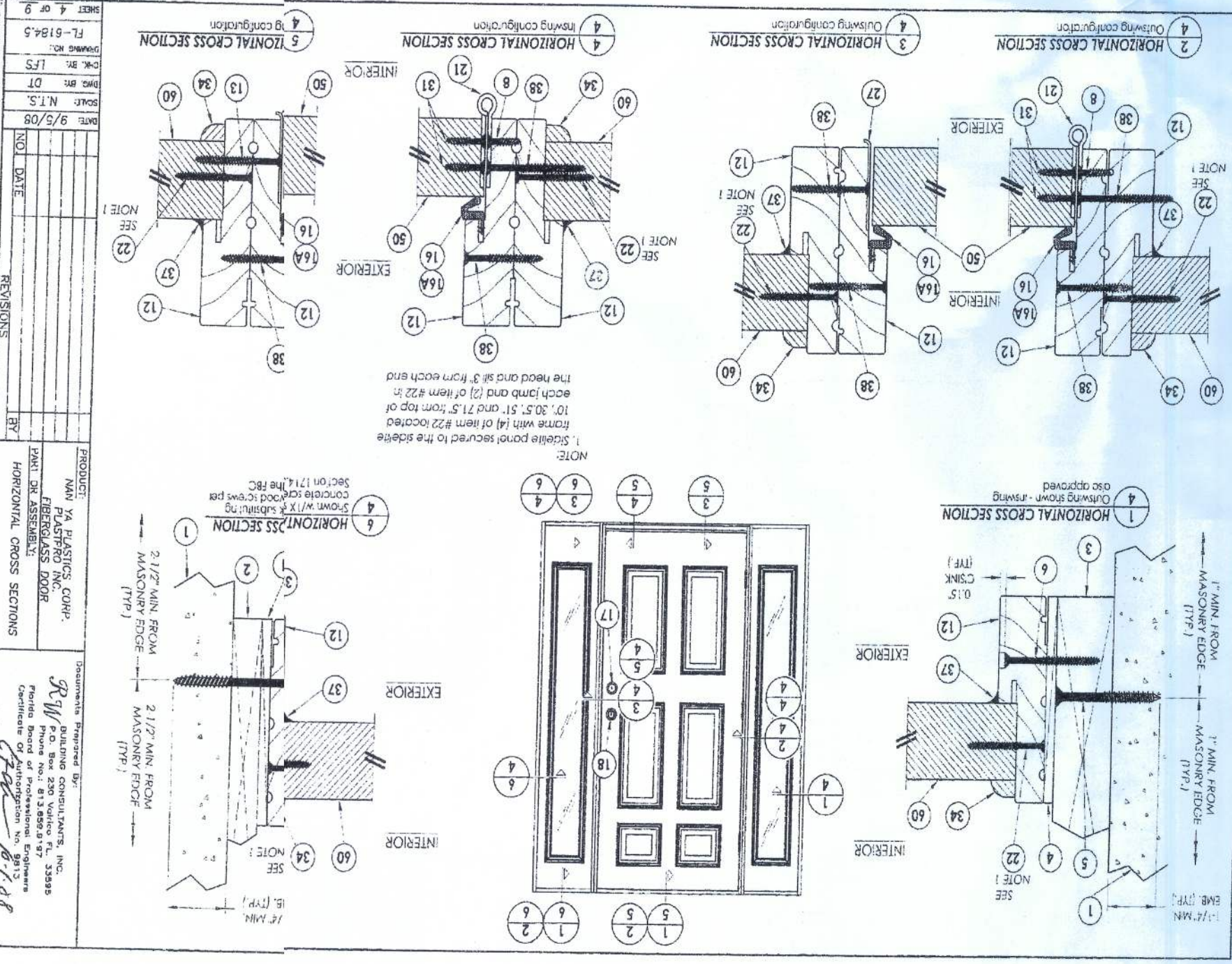
SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Head and jamb details
4	Horizontal cross sections
5	Vertical cross sections
6	Frame and frame anchoring - 2x buick masonry construction
7	Frame and frame anchoring - 1x buick masonry construction
8	Frame and frame anchoring - 1x buick masonry construction
9	Bill of materials, glazing detail & components

SWING	OVERALL FRAME DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)
INSWING	66.00" x 80.37"	7.00" x 63.00"	POSITIVE
OUTSWING	66.00" x 80.37"	7.00" x 63.00"	NEGATIVE

FLORIDA PRODUCT APPROVAL # 6184.5

BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL
1	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	CONCRETE
2	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
3	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
4	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
5	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
6	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
7	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
8	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
9	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
10	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
11	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
12	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
13	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
14	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
15	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
16	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
17	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
18	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
19	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
20	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
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49	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD
50	1x 2x4 MIN. CONCRETE COMFORMING TO ASTM C90	WOOD



FIBERGLASS EXTERIOR DOORS
WITH (TWO) SIDELITES
IN SWING / OUT SWING DOOR

RELEASE DATE: 09/05/08

Maronda Homes

4005 MARONDA WAY SANFORD, FLORIDA

02-23-2009 UPDATED FOR 2007 CODES
06-16-09 REVISED FOR 2007 CODES

Permit

Permit #

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and product approval (val number(s) for the building components listed below as applicable to the building construction project for the permit number listed above. You should supply if you do not know the product approval number for any of the applicable listed products. Information regarding statewide product approval may be obtained at www.floridabuilding.org.

REVISED 12-20-2010

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State 2007#	Design Pressures
2. Horizontal slider	Florida Extruders	Milestone Series 1000	74"x72" XO/OX Max not been evaluated for use in High Velocity Hurricane Zones.	FL 9236	+45 / -45
5. Fixed	Florida Extruders	Milestone Series 1000	73"x37" Max been evaluated for use in High Velocity Hurricane Zones.	FL 9242	+45 / -45
7. Pass-through					
8. Projected					
9. Mullion	Florida Extruders	Milestone Tube Mull	Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads for Building and Other Structures.	FL 3136	60 PSF
10. Wind breaker					
11. Dual action					
12. Other					
C. PANEL WALL	James Hardie Building Products, Inc.	HardiePlank Lap Siding HardieShingle Siding (Cemiplank fiber-cement siding) CertainTeed Vinyl Siding	Approved for use in HVHZ and outside HVVAZ. Impact resistant	FL 13236	N/A
1. Siding					
1. Siding	CertainTeed Corp. siding Products	Quad 4 Aluminum Soffit Systems	For use as soffit only. Not for use in HVHZ.	FL 4459	62.0 PSF
2. Soffit					
D. ROOFING PRODUCTS	Owens Corning	Asphalt Shingle	This Approval not for use in the HVHZ. All FBC sections that apply to counties except Broward and Miami-Dade Must be followed.	FL 10674	N/A
1. Asphalt shingles					

2. Truss plates	Miltek Industries Inc.	Truss Connectors	No Limitation of Use.	FL 2197 RI	N/A	10/29/11664, 11748, 11838,
3. Engineered lumber						
4. Railing						
5. Coolers-freezers						
6. Concrete admixtures						
7. Material						
8. Insulation forms						
9. Plastics						
10. Deck-roof						
11. Wall						
12. Other	Powers Steel Inc.	PSbox8 (S-5/8)	Lines shall not exceed the gable design load and spans. The truss shall not be used in a fire rated assembly. A proper barrier shall be provided between the truss products in contact with each other. Not for use in HVI/HZ Miami Broward counties at this time.	6264-RI	N/A	
6. SKYLIGHTS						
1. Skylight						
2. Other						
H. NEW EXTERIOR						
ENVELOPE						
PRODUCTS						
1.						
2.						

In addition to completing the above list of manufacturers, product description and State approval number for products used on this project, it is the Contractor's or Authorized Agent's responsibility to have a legible copy of each manufacturer's printed instruction along with the list above, on the job site available to the inspector.

The products listed below did not demonstrate product approval at time of plan review. I understand that before these products can be inspected, they must be submitted for review for code compliance and approved by a Plans Examiner. This form will be revised and will be highlighted to indicate the new products and required information.

Authorized Project Agent:
(Contractor or Design Professional) (Print Name) _____
(Signature) _____

Company Name: _____
Mailing Address: _____
City: _____
State: _____
Zip Code: _____
E-mail Address: _____
Telephone Number: () _____
Fax Number: () _____

Contractors or Authorized Agents' responsibility to have a legible copy of each manufacturer's printed instruction sheet, along with the above, on the job site available to the inspector. The products listed below did not demonstrate product approval at time of plan review. I understand that before products can be inspected, they must be submitted for review for code compliance and approved by a Plans Examiner. This form will be revised to highlight to indicate the new products and required information.

13. Other	Powers Steel Inc.	PSbox8	Design shall not exceed the allowable design load and spans. The load shall not be used in a fire rated assembly. A proper fire-resisting product in contact with steel joists. Not for use in HVHZ Miami Broward counties at this time.	6264-R1	N/A
G. SKYLIGHTS 1. Skylight 2. Other					
H. NEW EXTERIOR ENVELOPE PRODUCTS 1. Other 2. Other					

(Contractor or Design Professional) (Print Name) _____
 (Contractor or Design Professional) (Signature) _____
 Mailing Address: _____

 City: _____
 State: _____ Zip Code: _____
 Telephone Number: () _____
 Cell Phone Number: () _____
 E-mail Address: _____
 Fax Number: () _____

FLORIDA BUILDING CODE 2007: RESIDENTIAL

SHEET:

PRODUCT APPROVAL

DRAWN BY: GARAGE:

GARAGE:

14:47:49

100

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF SECTION 8309 OF THE FLORIDA BUILDING CODE 2007, RESIDENTIAL WITH BOB SUPPLEMENT, ALL CONNECTIONS HAVE BEEN CHECKED TO WITHSTAND ALL ATTACHMENT LOADS, EXPOSURE & ENCLOSED BUILDING, AND

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(407) 321-0064 4005 MARONDA WAY SANFORD, FL

(407) 321-0064

4005

SANFORD,

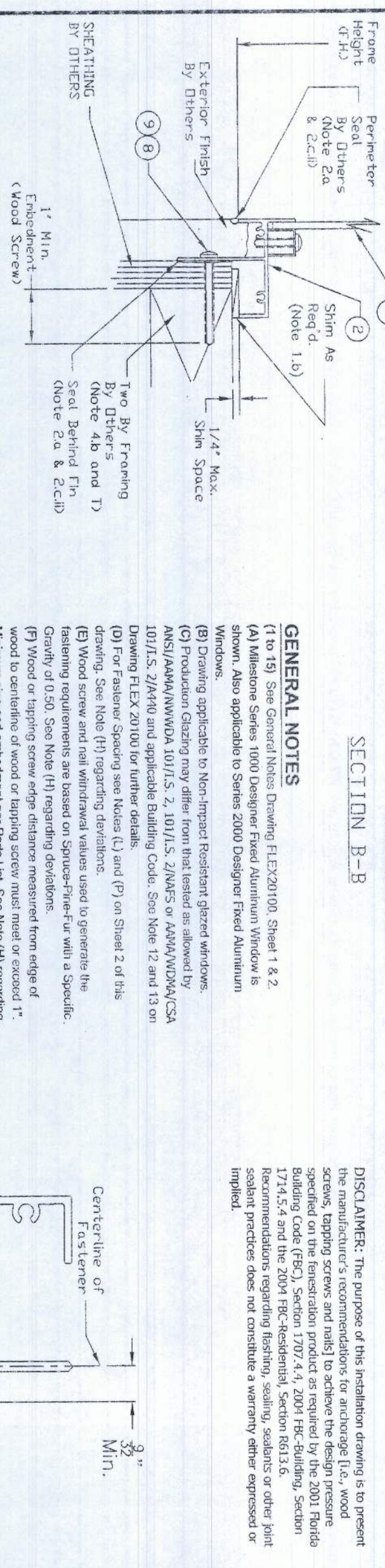
FLORIDA

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REVISIONS :

1

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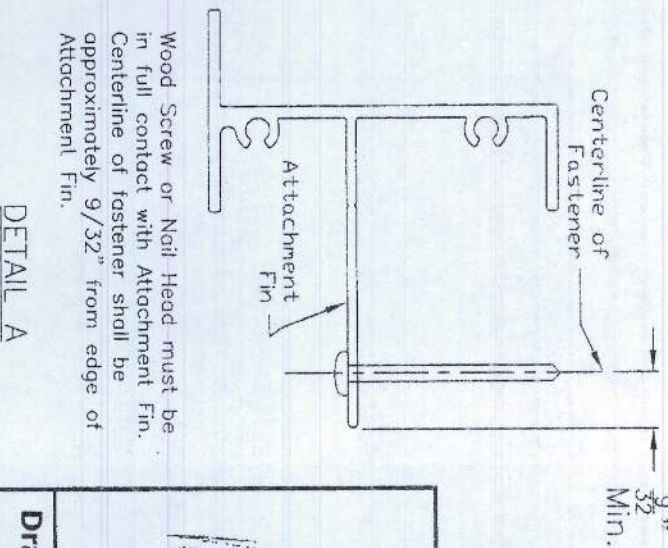
GENERAL NOTES

SECTION A-A

PARTS LIST

- 1 Head - Fin/Frame
- 2 Sill - Fin/Frame
- 3 Jamb - Fin/Frame
- 4 Nail Used
- 5 Not Used
- 6 Glazing - Rigid Vinyl
- 7 Glazing - See Note (b) and (c)
- 8 48 Pin Head Wood or Tapping Screw with a minimum embedment of 7" into the structural wood substrate. See Note (N) on Sheet 2 and Detail A on this drawing and Note 4.D & 8 on Drawing FLEEX2010.
- 9 Round Head Decking Stud Nail with minimum 11" diameter (11 GA) and minimum embedment of 1.78" into the structural wood substrate. See Note (N) on Sheet 2 and Detail A on this drawing and Notes 4.D & 9 on Drawing FLEEX2010.

- (1) to 19 See General Notes Drawing FLEEX20100. Sheet 1 & 2.
- (4) Millesimo Series 1000 Designer Fixed Aluminum Window is shown. Also applicable to Series 2000 Designer Fixed Aluminum Windows.
- (b) Drawing applicable to Non-Impact Resistant glazed windows.
- (c) Production Glazing may differ from that listed as allowed by ANSI/AAMA/WWDA 101/115. 2, 101/115. 2/INAF or AAMA/WWDA/CSA 101/115. 2/AMF and applicable Building Code. See Note 12, and 13 on Drawing FLEEX 2010 for further details.
- (d) For faster Shipping See Notes (1) and (P) on Sheet 2 of this drawing. See Note (H) regarding deflection.
- (E) Wood screw and nail minimum values used to generate the fastening requirements are based on space-frame-rail with a Specific Gravity of 0.50. See Note (H) regarding deflection.
- (f) Head or tapping screw edge distance measured from edge of wood to centerline of wood or tapping screw head and spaced or spaced 1" minimum size and embedment per Parts List. See Note (H) regarding deflection.
- (g) Nail edge distance measured from edge of wood to centerline of nail and spaced or spaced 3/16" or 5 times Shank Diameter, whichever is larger. Minimum size and embedment per Parts List. See Note (H) regarding deflection.
- (H) Any deviation from the minimum requirements stated must be approved by the manufacturer or engineer by other Design Professional in accordance with the applicable Building Code and Product Approval.
- (I) All field supplied holes in the frame (if required) will be 3/16" in diameter for 48 wood screws, or the shank diameter of the nail rounded up to the next standard designation shall fit size.
- (J) Wood Screws and Nails **SHALL** NOT be used to fasten the same assembly.



DATE: 1/9/07
Drawn By: RJA
Checked By: JH

REVISIONS

No.	Date	By	Description
0	2/27/05	RJA	Supercedes FLEX0037
1	11/14/06	RJA	Revised Anchorage
2	1/9/07	RJA	Revised edge distance tolerance.

REVISONS						TITLE
No.	Date	By	Description			Milestone Series 1000 & 2000
0	2/27/79	RJA	Superseries FLEX0037			Non-Impact Resistant Aluminum Fin
1	11/14/76	RJA	Revised Anchorage			Frame Designer Fixed Window
2	1/9/78	RJA	Revised gage distance tolerance			Installation Drawing for Wood Substrate with Wood Screws or Nails

Dated: 1/9/78
Drawn By: RJA
Checked By: RJA

FORNBERG, P.E.
No. 49732

FLEX28120

FASTENER INSTALLATION INSTRUCTIONS - FLEX28120

#8 WOOD SCREWS:

(b) 48 Wood Screws must be of sufficient length to achieve minimum embedment of 1" into the two by wood framing, into the built-up framing component.

(c) 48 Wood Screw spacing shall be as follows:

- 4-1/2" maximum from each corner of head, sill or jambs, evenly spaced between corner fasteners but not exceeding 18" o.c. spacing in head, sill or jambs for the following configurations at design pressures to 70 PSF,
 - o eyebrow
 - o half-circle arch
 - o half-eyebrow
 - o octagon
 - o fan
 - o pentoid
 - o half-circle
 - o half-circle arch
 - o triangle
 - o trapezoid
 - o oval
- evenly spaced between corner fasteners but not exceeding 15" o.c. spacing in head, sill or jambs for the following configurations at design pressures to 70 PSF,
 - o quarter-circle
 - o quarter-circle arch
 - o half-circle
 - o half-circle arch
- tolerances for ± 1" and
- this tolerance is applicable to the evenly spaced distance.

• Corner distance measured from frame/buck width or height dimension of frame.

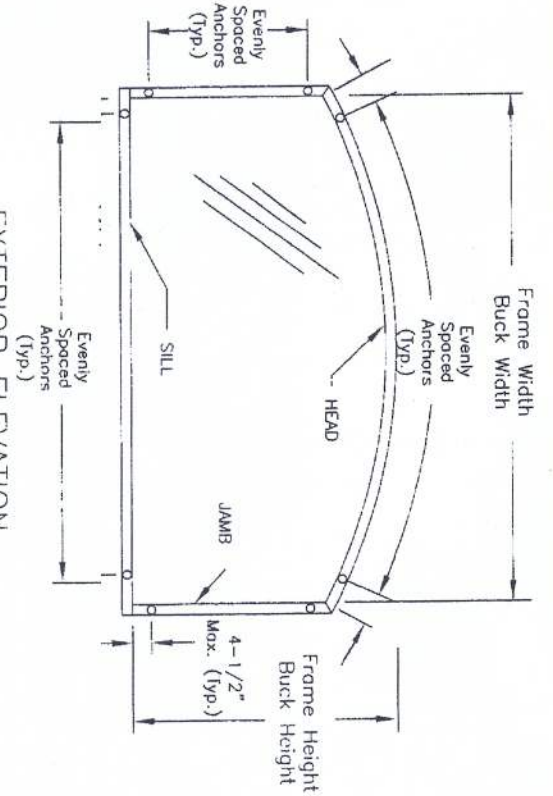
(M) Wood screws shall not be used to fasten assembly into end grain of wood.



- Spacing of nails shall be (continued)
- every spaced between corner fasteners
- configurations at design pressures to
 - eyebrow
 - fan
 - half-fan
 - full-circle
 - half-circle
 - half-circle arch
 - quarter-circle
 - quarter-circle arch
 - oval
 - octagon
 - period
 - triangle
 - trapezoid
- tolerance is $\pm 1"$, and
- this tolerance is applicable to the wall
- Corner distance measured from face of wall
- Nails shall not be used to fasten base

- (r) Installations depicted in these instructions acceptable for design pressures to 70 PSF with fastener spacing in Notes (1) and (2).
- (f) Design Pressures (D.P.) are positive and negative. Overall window assembly design pressure may be less than 70 PSF and shall be determined in accordance with Note 13 of FLEXT20100.
- (s) Production Glazing may differ from that tested as allowed by ANSI/AMA/WWIDA-101/1.5, 2, 10/1.5, 2/MA15 or AMA/WWIDA/CSA 101/1.5, 2/MA40 and applicable Building Code. See Note 12 and 13 on Drawing FLEX 20100 for further details.
- (T) Structural ties by wood and/or framing at the head, sill and jamb to be securely fastened to transfer the load to the wood structural substrate per the FBC and the engineer's records details as applicable.
- (u) See FLEXT20100, Notes 10 to 15 for additional FBC Code Compliance.

DESIGN PRESSURE RATING & FBC CODE COMPLIANCE



ANCHOR SPACING ILLUSTRATION
EYEBROW ARCH DESIGNER WINDOW

Drawing No. FLEX28120
Sheet 2 of 2

REVISIONS			
No.	Date	By	Description
0	12/27/05	RJA	Supersede FLEX0037
1	11/14/06	RJA	Revised Anchorage
2	1/9/07	RJA	Revised edge distance tolerance

TITLE
Milestone Series 1000 & 2000 Non-Impact Resistant Aluminum Fin Frame Designer Fixed Window Installation Drawing for Wood Substrate with Wood Screws or Nails

Florida Extruders Int'l., Inc
2540 Jewett Lane • Sanford, FL 32771
407-323-3300 • 407-322-3507 (fax)
www.floridaextruders.com
Florida COA No. 9235

JNIM

FLORIDA EXTRUDERS

RELEASE DATE:

09/03/08

Maronda Homes
 (407) 321-0064 4005 MARONDA WAY SAN ORD, FL

(407) 321-0064

4005 MARONDA W

SANDFORD

FLORIDA

REVISIONS :
2-16-09 Updated to Code.

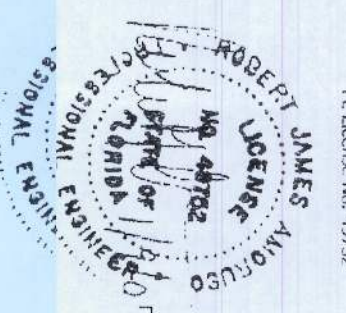
Florida Extruders Int'l., Inc.
2540 Jewett Lane • Sanford, FL 32771
407-323-3300 • 407-323-3507 (fax)
www.floridalextruders.com
Florida COA No. 9235

TITLE
Milestone Series 1000 & 2000
Non-Impact Resistant Aluminum Fin
Frame Fixed Window
Installation Drawing for Wood
Substrate with Wood Screws or Nails

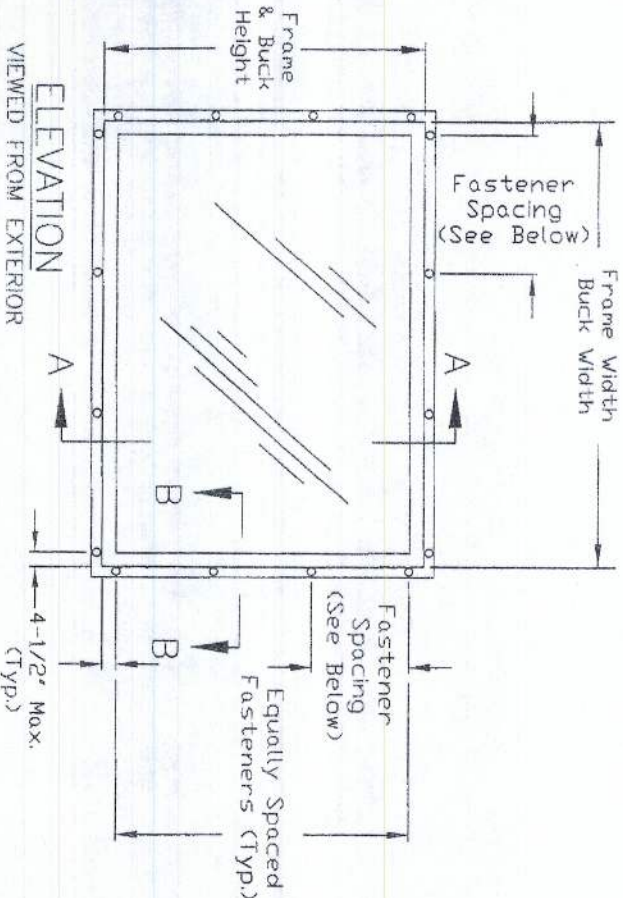
REVISIONS			
No.	Date	By	Description
1	12/27/05	RJA	Supersedes FLEX0030
2	11/14/06	RJA	Revised Anchorage
2	1/9/07	RJA	Revised edge distance tolerances

Date: 1/9/07
Scale: NTS
Drawing No. FLEX27120
Checked By: JH

Robert J. Amoroso, P.E.
FL License No. 49757

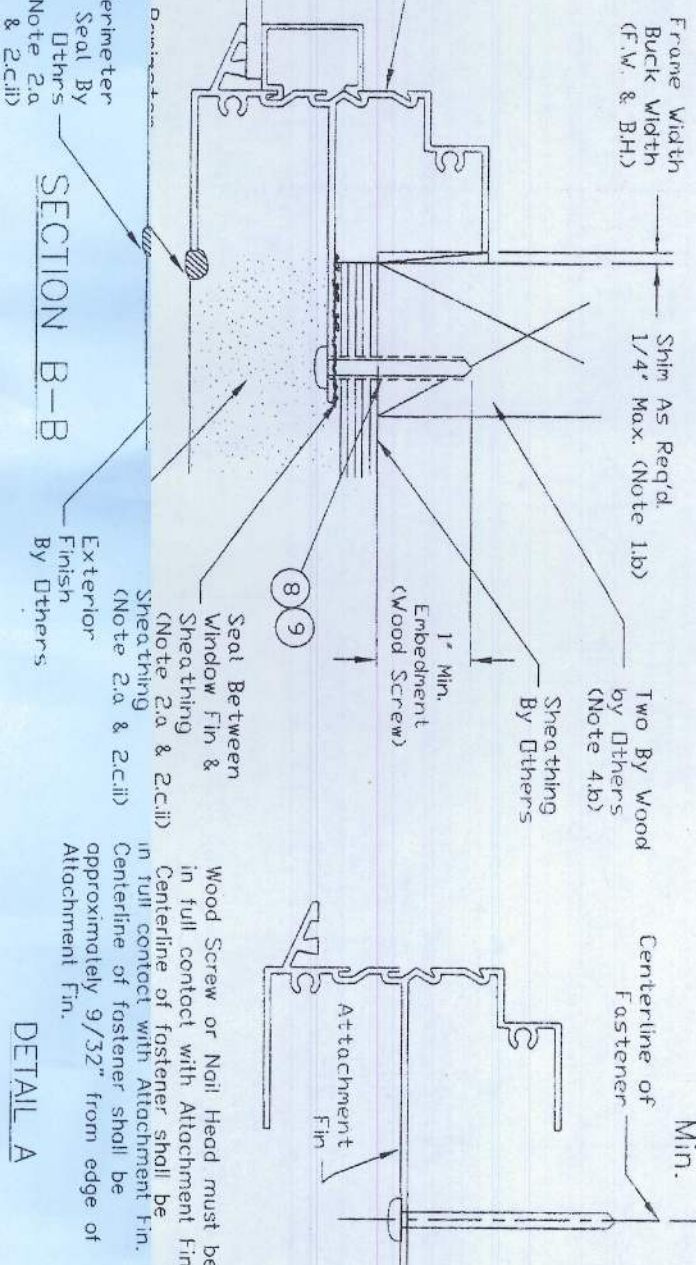


Drawing No. FLEX27120
Sheet 1 of 2

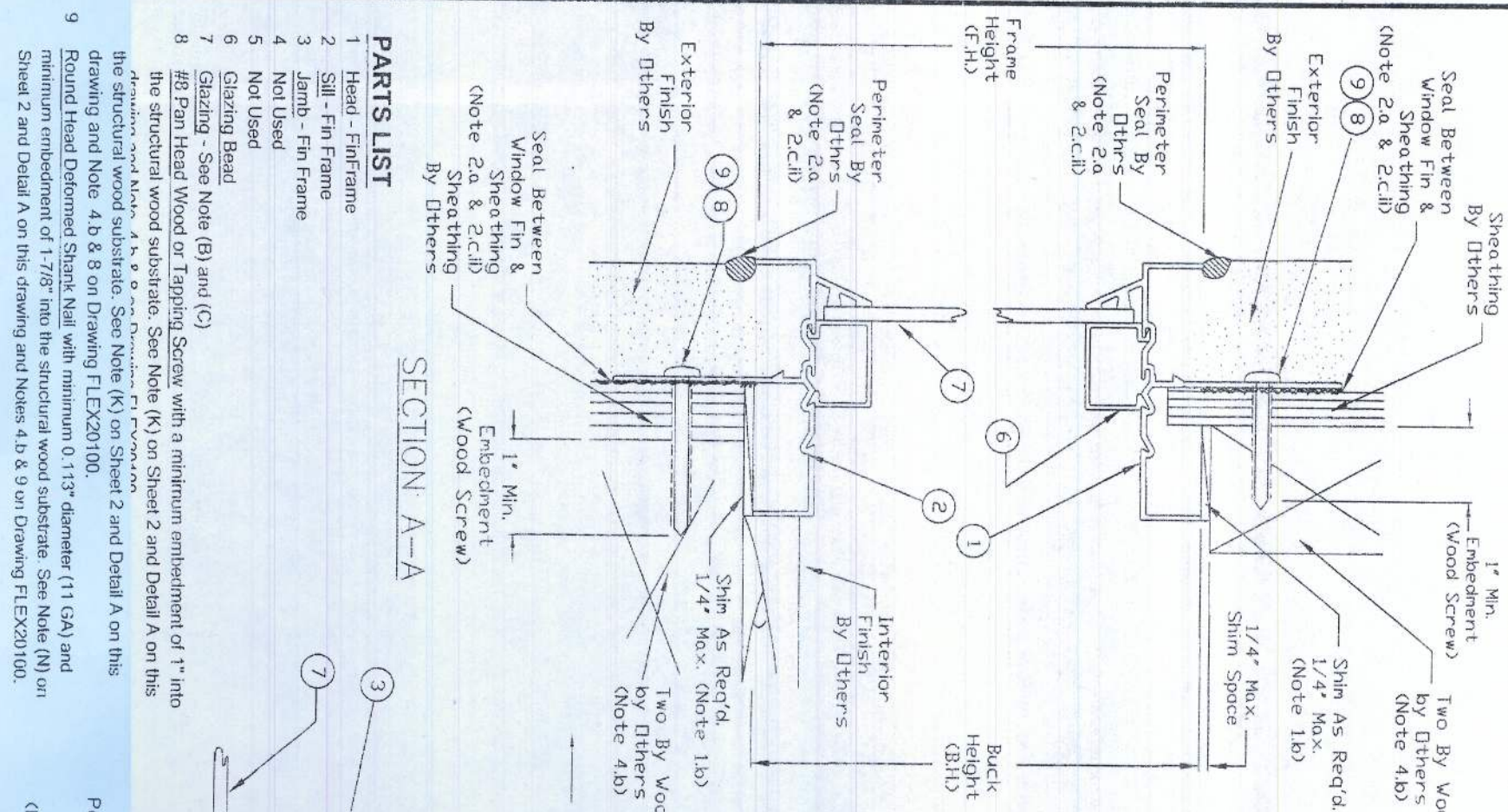


Head, Sill & Jamb Anchor Spacing
Wood Screw - TD 70 PSF D.P.; 18" O.C. Max.

Nail
61 PSF TD 70 PSF D.P.; 5-1/2" O.C. Max.
51 PSF TD 60 PSF D.P.; 6-1/2" O.C. Max.
46 PSF TD 50 PSF D.P.; 8" O.C. Max.
41 PSF TD 45 PSF D.P.; 8-1/2" O.C. Max.
36 PSF TD 40 PSF D.P.; 9-1/2" O.C. Max.
TD 35 PSF D.P.; 12" O.C. Max.



SECTION A-A



PARTS LIST

- Head - Fin Frame
- Sill - Fin Frame
- Jamb - Fin Frame
- Not Used
- Not Used
- Glazing Bead
- Glazing - See Note (B) and (C)
- 800 Pan Head Wood or Tapping Screw with a minimum embedment of 1" into the structural wood substrate. See Note (K) on Sheet 2 and Detail A on this drawing and Note 4 b & 8 on Drawing FLEX20100.
- Round Head Deformed Shank Nail with minimum 0.113" diameter (11 GA) and minimum embedment of 1.78" into the structural wood substrate. See Note (N) on Sheet 2 and Detail A on this drawing and Notes 4 b & 9 on Drawing FLEX20100.

GENERAL NOTES

- (1 to 19) See General Notes Drawing FLEX20100, Sheet 1 & 2.
- (A) Milestone Series 2000 Fixed Aluminum Window is shown. Also applicable to Series 1000 Fixed Aluminum Windows.
- (B) Drawing applicable to Non-Impact Resistant glazed windows.
- (C) Production Glazing may differ from that tested as allowed by ANSI/AAMA/NWMA 101/115, 2, 101/115, ZM405, or 1000/WDN/CSA 101/115, ZM440 and applicable Building Code. See Note 12 and 13 on Drawing FLEX 20100 for further details.
- (D) For Fastener Spacing see Elevation View on Sheet 1 and Notes (L) & (P) on Sheet 2 of this drawing. See Note (Y) regarding deviations.
- (E) Wood screw and nail withdrawal values used to generate the fastening requirements are based on Spruce-Pine-Fir with a Specific Gravity of 0.50. See Note (H) regarding deviations.
- (F) Wood or tapping screw edge distance measured from edge of wood to centerline of wood or tapping screw must meet or exceed 1". Minimum size and embedment per Parts List. See Note (H) regarding deviations.
- (G) Nail edge distance measured from edge of wood to centerline of nail must meet or exceed 9/16" or 5 times Shank Diameter, whichever is larger. Minimum size and embedment per Parts List. See Note (H) regarding deviations.
- (H) Any deviation less than the minimum requirements stated must be approved by the manufacturer or engineer by "other" Design Professional in accordance with the applicable Building Code.
- (I) All fasteners must be installed in the frame (if required) will be 3/16" in diameter for 40 PSF or less and 1/8" for the sheathing nail. The nail rounded up to the next standard designation shall still be (J) Wood Screws and Nails SHALL NOT be mixed to fasten the same assembly.

DESIGN PRESSURE RATING & FBC CODE COMPLIANCE

- (R) Installations depicted in these instructions acceptable for design pressures to 70 PSF with fastener spacing shown in the Elevation View on Sheet 1 of this drawing for the following window sizes:
- to 52 1/8" x 95"
 - to 52 1/8" x 95"
 - to 71 1/4" x 71"
 - to 71 1/4" x 71"
 - to 71 1/4" x 71"
 - to 82" x 55 1/4"
 - to 95" x 49 5/8"
 - to 119" x 37 3/8"

- (S) Production Glazing may differ from that tested as allowed by ANSI/AAMA/NWMA 101/115, 2, 101/115, ZM405, or 1000/WDN/CSA 101/115, ZM440 and applicable Building Code. See Note 12 and 13 on Drawing FLEX 20100 for further details.
- (T) Structural two by wood buck and/or framing at the head, sill and jambs to be securely fastened to transfer the load to the wood structural substrate per the FBC and the engineer of record's details as applicable.
- (U) See FLEX20100, Notes 10 to 15 for additional FBC Code Compliance.

FASTENER INSTALLATION INSTRUCTIONS - FLEX27120

#8 WOOD SCREWS:

- (K) #8 Wood Screw must be of sufficient length to achieve minimum embedment of 1" into the two by wood framing.
- (L) Spacing of wood screws shall be:
- 4-1/2" max. from each corner of the head, sill and jambs, and
 - evenly spaced between corner fasteners but not exceeding 18" o.c. spacing for the head, sill and jambs as shown in Elevation View on Sheet 1 of this drawing.
 - Tolerance is +/- 1". This tolerance is applicable to the evenly spaced distance.
 - Corner distance measured from frame/buck width or height dimension of frame.
- (M) Wood screws shall not be used to fasten assembly into end grain of wood.

NAILS:

- (N) Nails shall meet the following requirements:
- 0.113" diameter or greater,
 - sufficient length to achieve minimum embedment of 1 7/8" into the two by wood framing
 - (generally, nail 2 3/8" length or greater shall meet this requirement), and
 - helical (screw) or annular (ring) shank style only.
- (O) Manufacturer's nails meeting these requirements are (but not limited to) the following:
- Paslode deformed shank nail, No. 404947, 405337, 650111 and 650148.
 - Duro-Fast deformed shank nail No. 325.
- (P) Spacing of nails shall be:
- 4-1/2" max. from each corner of the head, sill and jambs, and
 - evenly spaced between corner fasteners and not exceeding o.c. spacing for the head, sill and jambs as shown in Elevation View on Sheet 1 of this drawing.
 - Tolerance is +/- 1". This tolerance is applicable to the evenly spaced distance.
 - Corner distance measured from frame/buck width or height dimension of frame.
- (Q) Nails shall not be used to fasten assembly into end grain of wood.

Drawing No. FLEX27120
Sheet 2 of 2

Florida Product Approval # FL9242

FIXID

WINF

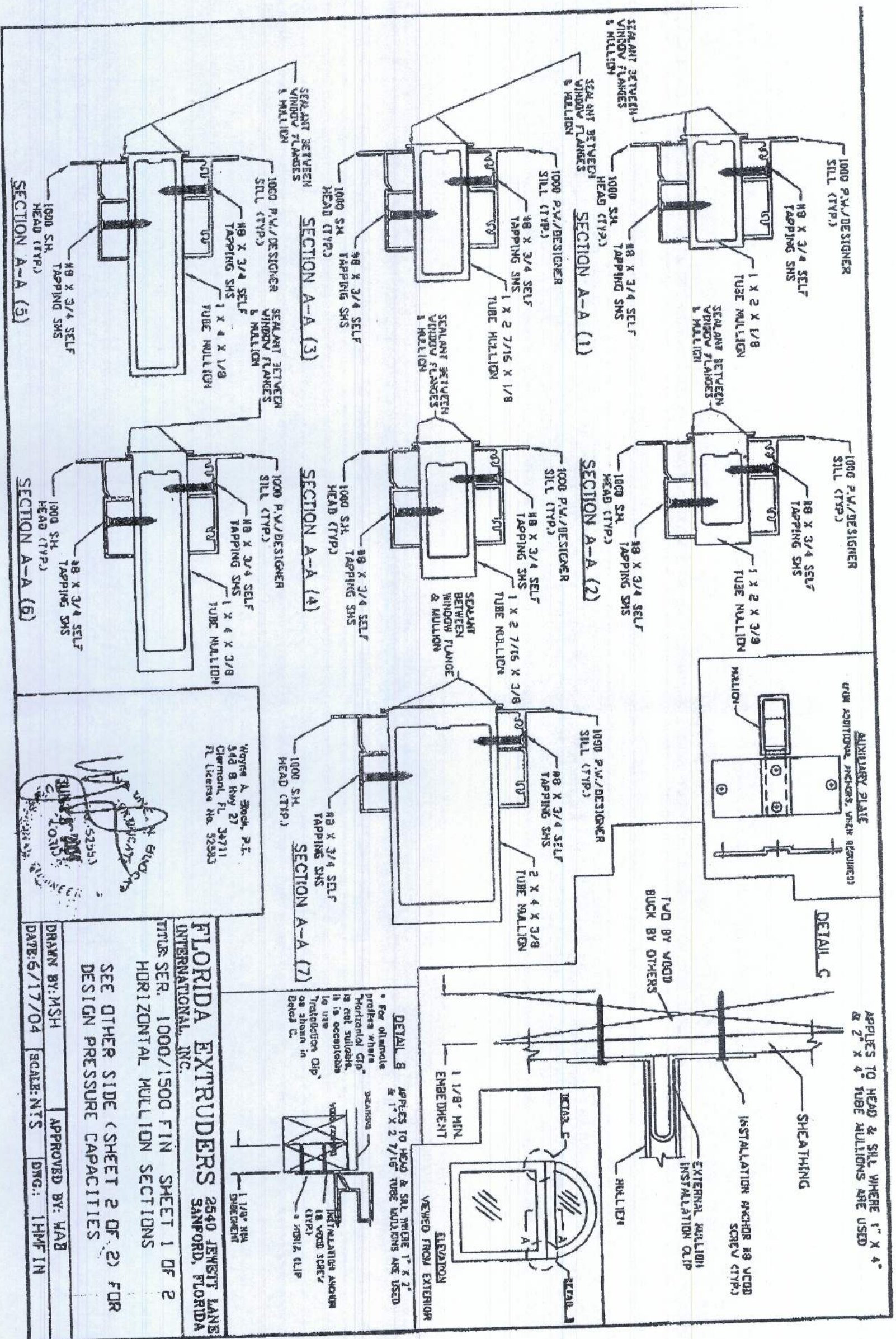
SHEET:

FLORIDA EXTRUDERS
WINDOWS IN FRAME
4 of 7
09/03/08

Maronda Homes

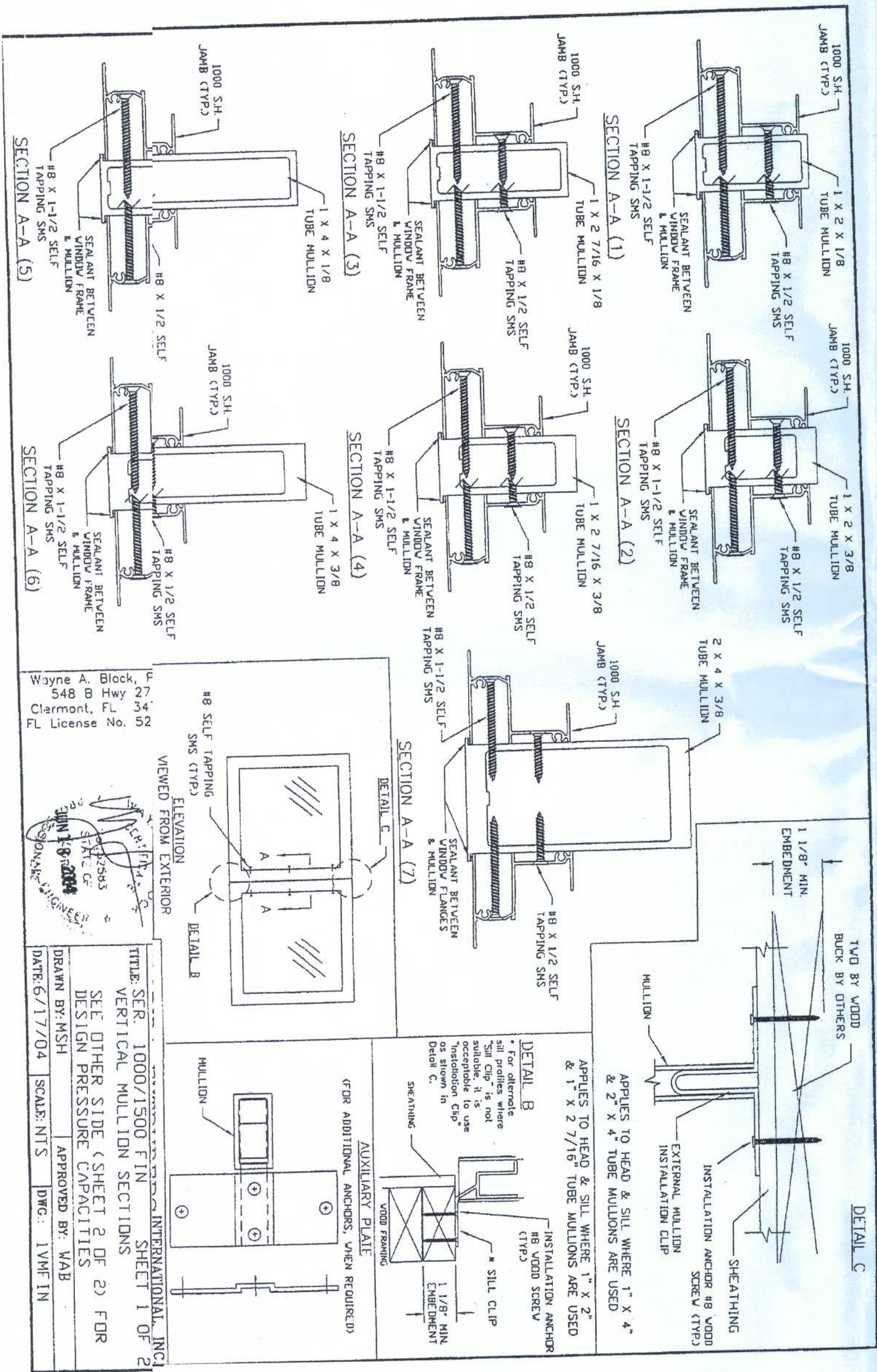
14071 321-0064 4005 MARONDA WAY SANCRD, FLORIDA

REVISIONS:
3-11-08 Revised
2-16-09 Updated to Code.



Florida Product Approval # FL3136-R3

MULLIONS



WJNF

SHEET:

FLORIDA EXTRUDERS
WINDOWS IN FRAME
6 of 7
09/03/08

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REVISIONS :
2-16-09 Updated to Code.

