



DAVENPORT - M

MF

Job #9TM01401
JAX Lot #14-1 9TM

08/14/07 REV. CODE INFORMATION

REVISIONS:



AMERICANA COVER SHEET
DAVENPORT
ELEVATION "M"
LEFT
GARAGE
03-09-06
125 MPH
DRAIN BY
RELEASE DATE

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

Thomas Ponce P.E.
License No. 0050068
Nov 4, 2008

SHEET:
Om

INDEX OF DRAWINGS	
SHEET NO.	TITLE
ARCH - ARCHITECTURALS	
0	COVER SHEET
1	EXTERIOR ELEVATIONS
2	FOUNDATION PLAN
3	FLOOR PLAN
WU	WINDOW & LITE SCHEDULE
3A	INTERIOR ELEVATIONS AND DETAILS
RSI	ROOF SHEATHING
MPS - ROOF TRUSS ENGINEERING	
TRI	ROOF TRUSS INFO
MECH - ELECTRICAL	
EU	ELECTRICAL FIRST FLOOR
EIA	ELECTRICAL DETAILS / LOAD CALCS
MECH - HVAC	
HVA	HVAC REGISTER LAYOUT
ISO-H	HVAC ISOMETRIC
MECH - PLUMBING	
FPI	PLUMBING UNDERGROUND PLAN
ISO-P	DMV PLUMBING ISOMETRIC
ISO-W	CPVC WATER ISOMETRIC
ARCH - STANDARD DETAILS	
FTG	STANDARD DETAILS - FOOTINGS
WS-BI	STANDARD DETAILS - WALL SECTION
SDI	STANDARD DETAILS
SDD	STANDARD DETAILS - DOORS
SDW	STANDARD DETAILS - WINDOWS
SDH	STANDARD DETAILS - HEATING
ARCH - OPTIONAL PORCH	
POR	10' x 40' OPT. PORCH

08/14/07

PLOT DATE: 02 SEP 2008

BUILDING DATA AND DESIGN CRITERIA

REVISED 12-07-06

BUILDING DATA

FLORIDA BUILDING CODE 2004 : RESIDENTIAL, 2006 SUPPLEMENT
FLORIDA BUILDING CODE 2004 : PLUMBING, 2006 SUPPLEMENT
FLORIDA BUILDING CODE 2004 : MECHANICAL, 2006 SUPPLEMENT
FLORIDA BUILDING CODE 2004 : FUEL GAS, 2006 SUPPLEMENT

NATIONAL ELECTRICAL CODE

STRUCTURAL DESIGN PARAMETERS: ASCE 7-2002 (PER FRC 2004 : SECTION R301.2.11, DESIGN CRITERIA)

CLASSIFICATION : 2

OCCUPANCY: RESIDENTIAL

BUILDING DESIGN: ENCLOSED

WIND SPEED: 125 MPH - 3 SECOND GUST (FRC 2004 : SECTION R301.2.1.3)

EXPOSURE: B

INTERNAL PRESSURE COEFFICIENT: GCpf = +/- 0.18

IMPORTANCE FACTOR: 1.0

NUMBER OF STORIES: ONE STORY

BUILDING MEAN ROOF HEIGHT: 15 FEET, MAX.

WOOD FRAMING INSPECTION

ALL PLUMBING, ELECTRICAL AND MECHANICAL ROUGH-INS MUST BE COMPLETE, INSPECTED AND APPROVED BEFORE REQUESTING THE FRAMING INSPECTION. (FRC 2004, SECTION R109.3)

TERMITE TREATMENT

THE BUILDING AND PATIO SLAB HAVE RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. (FRC 2004, SECTION R320)

BORA CARE : TERMITE TREATMENT

THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. (FRC 2004, SECTION R320.2)

EXTERIOR WINDOWS AND GLASS DOORS

EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AND SHALL BE LABELED WITH AN APPROVED LABEL. (FRC 2004, SECTION R613)

SEE MANUFACTURER'S DETAIL SHEETS FOR DESIGN CRITERIA AND INSTALLATION METHODS.

WINDBOURNE DEBRIS REGIONS

WINDOWS IN BUILDINGS LOCATED IN WIND-BOURNE DEBRIS REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM WIND-BOURNE DEBRIS. GLAZED OPENING PROTECTION FOR WIND-BOURNE DEBRIS SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTM E 1996 AND OF ASTM E 1886, SSTD 12, ANSI/DASMA 115 (FOR GARAGE DOORS) OR TAS201, 202 AND 203. (FRC 2004, SECTION R301.2.1.2)

	/ / / /	Page 1
--	---------	--------

VENTILATION OF ATTIC SPACE: DAVENPORT

REQUIREMENTS:

TOTAL NET FREE VENTILATION AREA SHALL NOT BE LESS THAN 1/150 OF THE UNFINISHED SPACE VENTILATED (FEBR 2004, SECTION R806.2).

SOFFIT VENTILATION:

ALSCO = QUAD 4 VENTED SOFFIT (18" WIDE) @ 26.1 S.I/F
26.1' x 1.5' = 39.15 S.I/F PER SF

CALCULATIONS:

MAIN ROOF

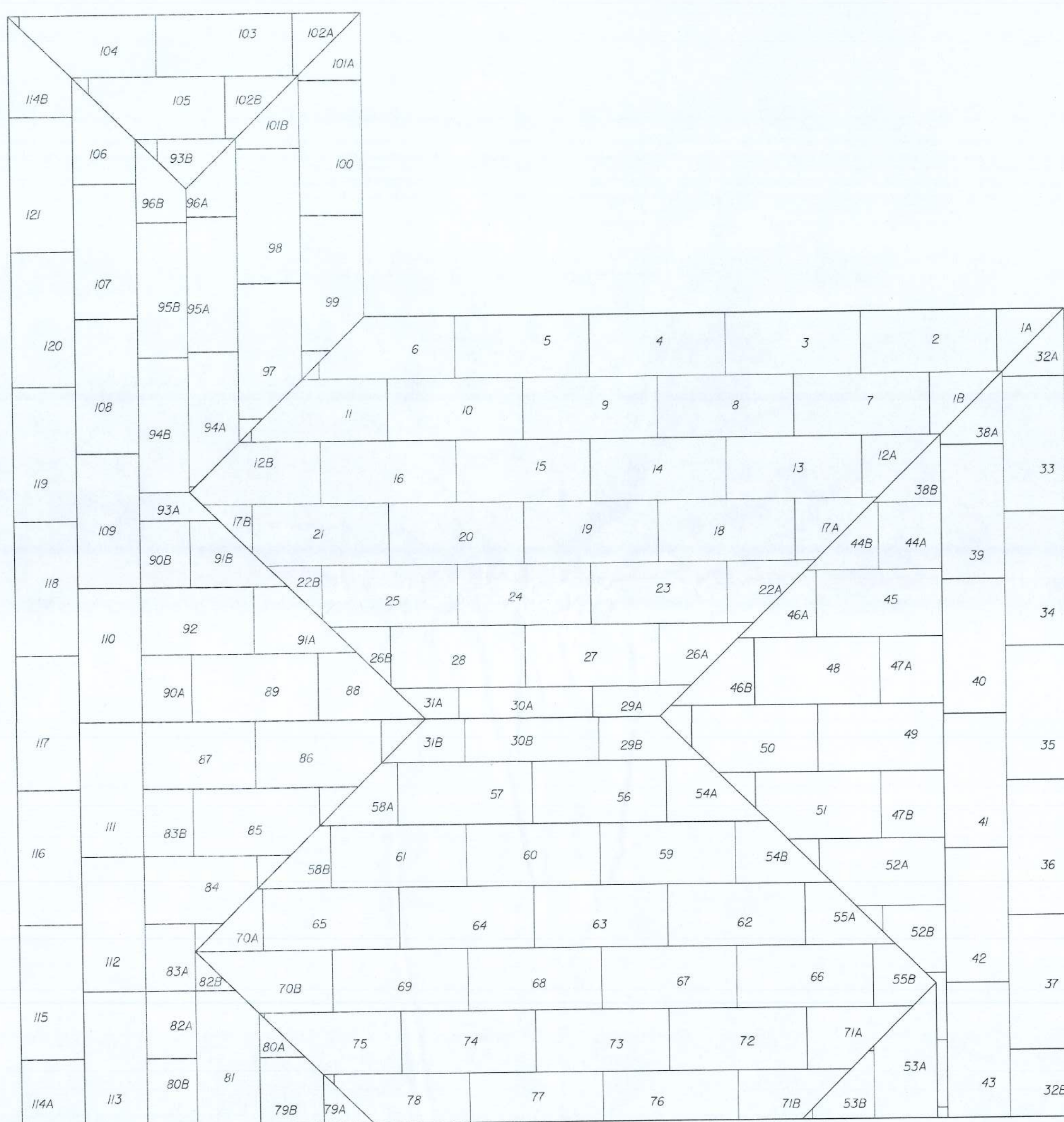
25' SF x 150 = 16.91 SF VENTILATION REQUIRED

SOFFIT:

16.91 SF SOFFIT VENT @ 19.5 S.I/F = 366.0: ACTUAL
366.0 S.I/F x 1/44 S.I/F PER SF = 23.46 SF REQUIRED

NOTE:

SOFFIT ALONE SATISFIES FEBR 2004, RIDGE AND OFF-RIDGE VENTILATION IN THE EXISTING SOFFIT ARE TO BE INSTALLED AND ACT AS INCREASED VENTILATION ABOVE AND BEYOND THE SOFFIT.



AMERICA/VA ROOF SHEATHING

DAVENPORT

ELEVATION "M"

DOWN BY: GARAGE: LEFT

PERMIT DATE: 04-22-05

CONTRACT # 000 AMBROSIO 00002

Maronda Homes

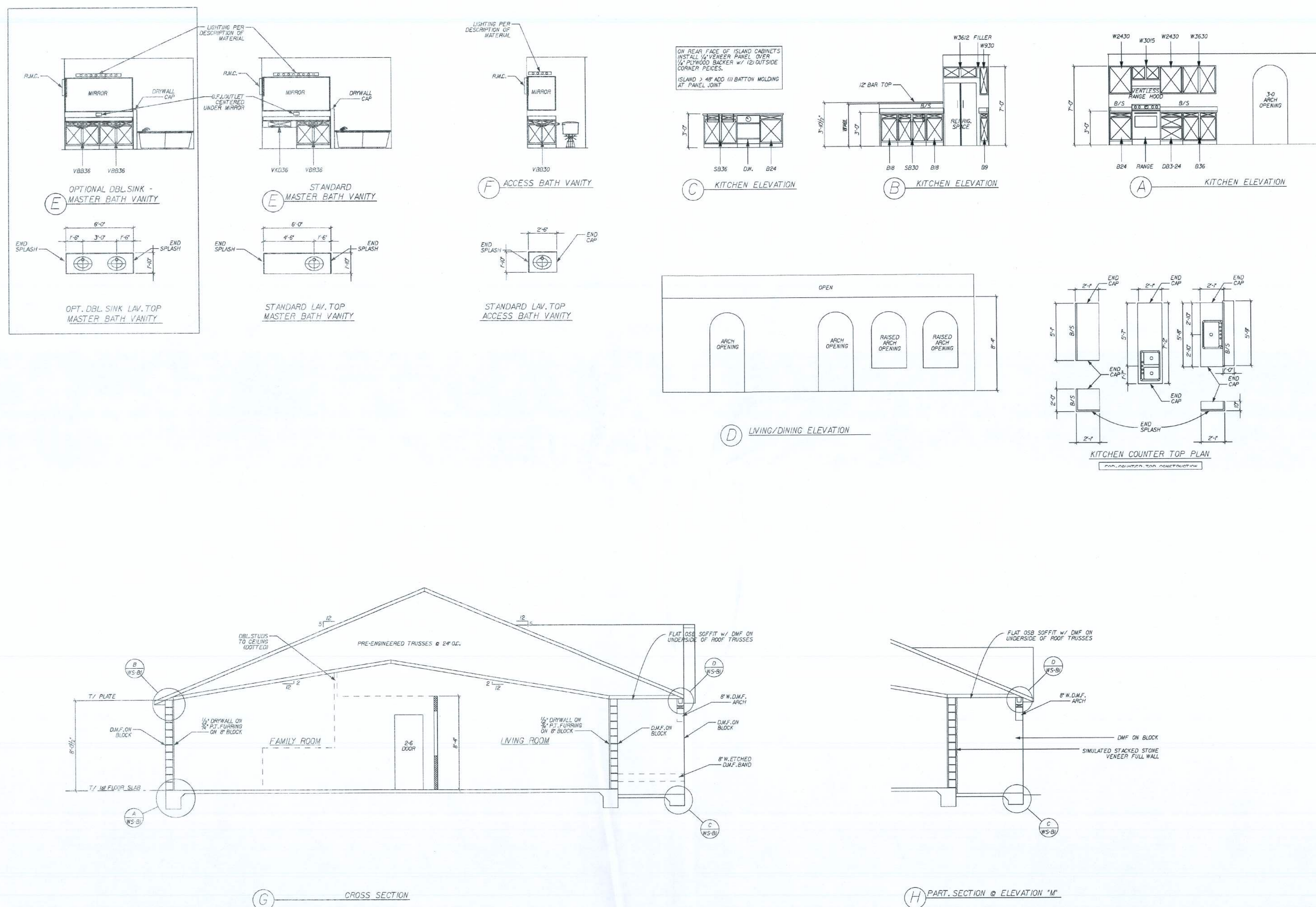
700 N. 137TH STREET 6000 MARLBOROUGH, FLORIDA

FOR THE HOMEOWNER: 442-5549-0100
 FOR THE ARCHITECT: 442-5549-0100
 FOR THE GENERAL CONTRACTOR: 442-5549-0100
 FOR THE SUPPLIER: 442-5549-0100

REVISED: 05/05/05

SHEET:

RSI

[illegible]

[illegible][illegible]

```

HvacInth REPORT
Wed Mar 05 16:50:21 2008
p:\ef\houses 05\davenport\hvac\ef\ladvph.htm

QUANTITY      DESCRIPTION
-----
8' 3F12 150040.0097 10" FOIL FLEX RE
3' 3F12 150040.0098 12" FOIL FLEX R
14' 3F14 150040.0099 14" FOIL FLEX R
9' 3F16 150040.0108 16" FOIL FLEX R
36' 3F 150040.0091 4" FOIL FLEX RE
40' 3F6 150040.0093 6" FOIL FLEX RE
3' 3F7 150040.0094 7" FOIL FLEX RE
2' 3F8 150040.0095 8" FOIL FLEX RE

```

[illegible]

GENERAL MECHANICAL NOTES:
ALL TAPES, CONNECTORS, AND MASTIC USED
WILL BE UL-181 APPROVED.
SEE ELECTRIC PLANS FOR EXHAUST FAN
LOCATIONS IN BATH AREAS.
SEE FLOOR PLAN FOR CLOTHES DRYER
VENT LOCATION.
MISO24 BALANCED RETURN AIR
TRANSFER GRILLES @ HABITABLE ROOMS
SEE DETAIL BELOW.

The diagram shows a cross-section of a door and its frame. A rectangular grille is installed in the top of the door frame. An arrow points from the interior room, through the grille, into the bathroom. The interior room is labeled 'INTERIOR ROOM' and the bathroom is labeled 'BATH'.

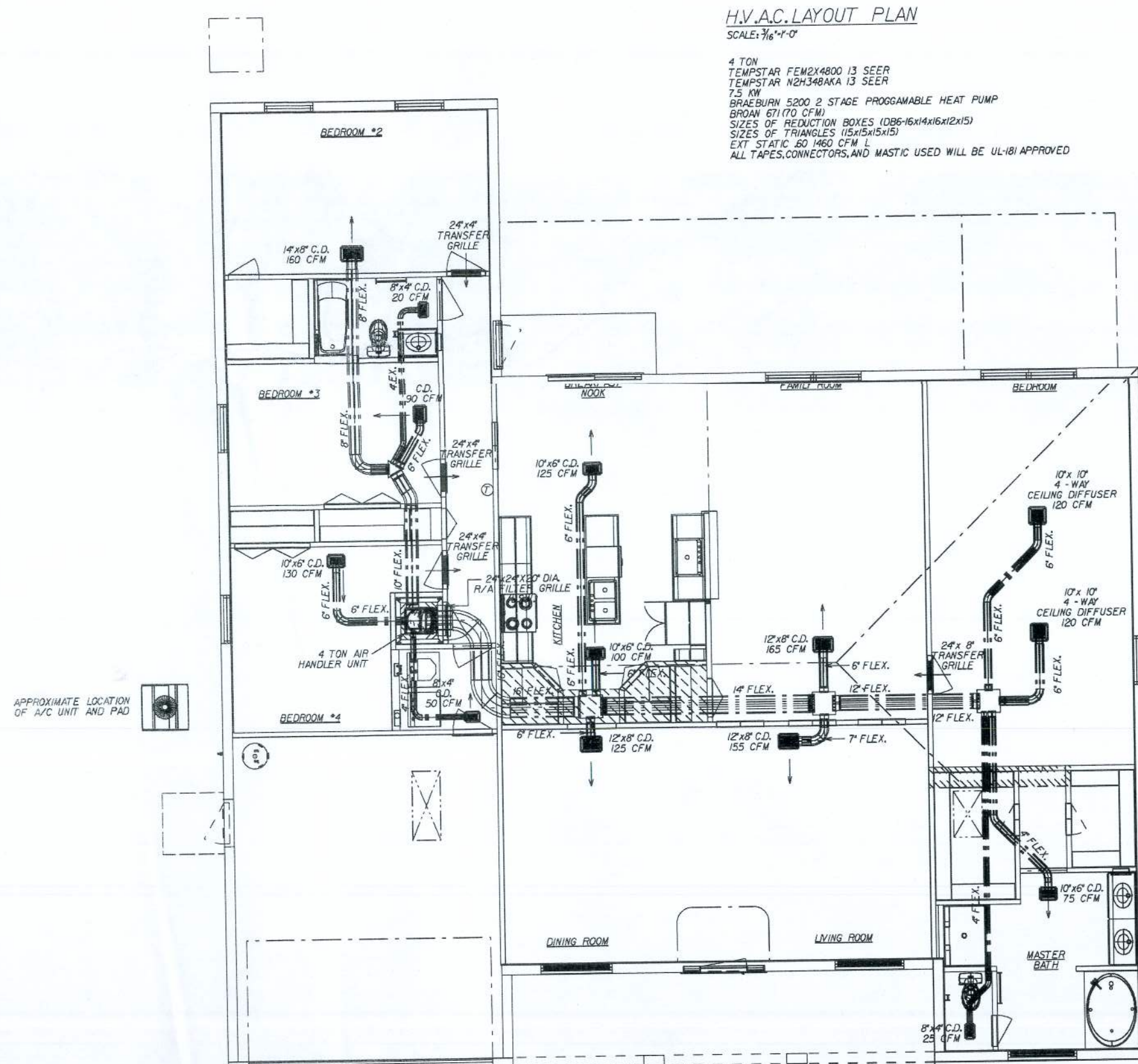
PASS THRU GRILLE,
CENTERED ABOVE
DOORWEIGHTS ON BOTH
SIDES OF DOOR,
BACK TO BACK

INTERIOR ROOM VENTILATION

H.V.A.C. LAYOUT PLAN
SCALE: 3/4" = 1'-0"

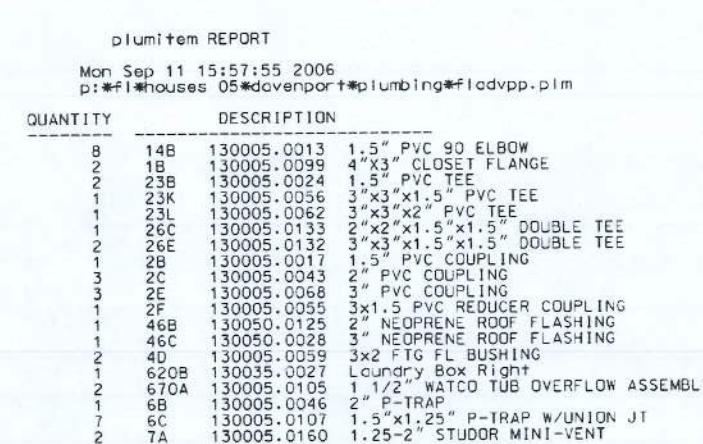
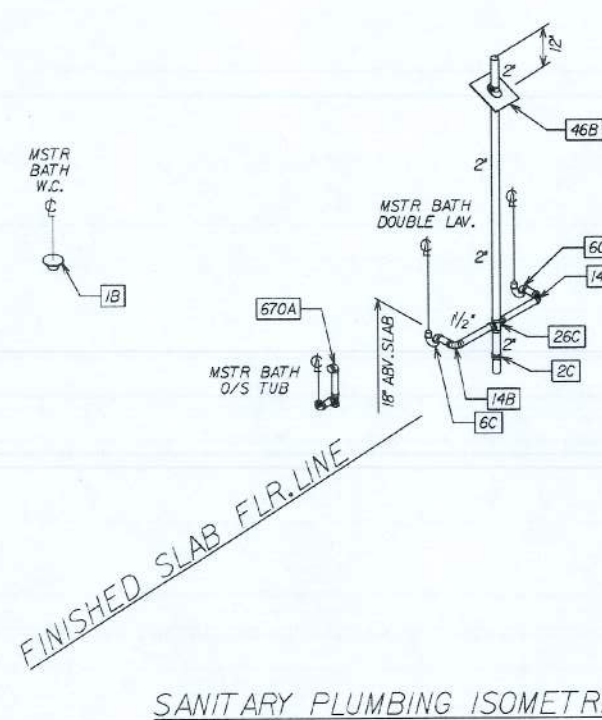
SCALE 1/8"=1'-0"

4 TON
TEMPSTAR FEM2K4800 13 SEER
TEMPSTAR N2H148AKA 13 SEER
7.5 KW
BRAEBURN 5200 2 STAGE PROGRAMMABLE HEAT PUMP
BROAN 671(FD CFM)
SIZES OF REDUCTION BOXES (D86-15X14X6X2X15)
SIZES OF TRIANGLES (15X15X15)
EXIT STATIC 30" CFM 1
ALL TAPES, CONNECTORS, AND MASTIC USED WILL BE UL-181 APPROVED



SHEET: HVA

AMERICANA / FVAC MCLTANTON		Marmda Homes	
DAVENPORT		1000 BARNUM ST. JAR 00007. 147010A	
HVAC LAYOUT PLAN			
DRAWN BY	DATE	PROJECT	
RELEASE DATE	01/19/05	HVAC LAYOUT PLAN	
REVISION			



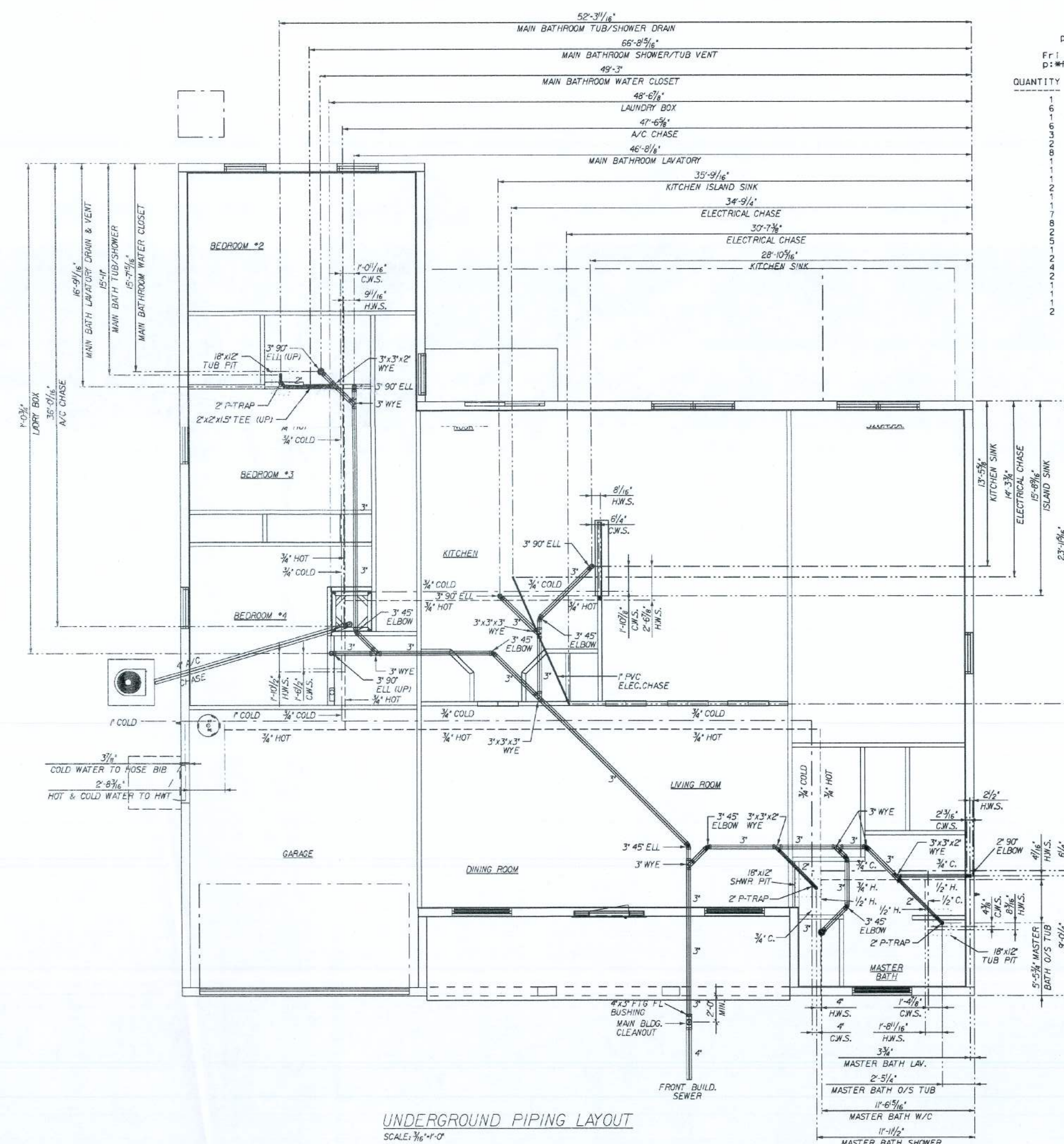
```

Plumnth REPORT
Mon Sep 11 15:57:55 2006
p:#!#houses 05#davenport#plumbing#fildvpp.pln

QUANTITY      DESCRIPTION
-----
41'            130005.0023  1.5" PIPE
13'            130005.0047  2" PVC PIPE
18'            130005.0072  3" PVC PIPE

```

SHEET: ISO-F	AMERICANA	PLUMBING ISOMETRIC
	DAVENPORT	
	PLUMBING ISOMETRIC	
DRAWN BY: _____		CHECKED: LEFT
DATE: _____		PROJECT: _____



```

p/uintern report
Fri Oct 13 10:53:33 2006
p=pf1/mouse/05/cvanderboer/p/uintern/pspp.ups

QUANTITY      DESCRIPTION
-----
1 14C 130005-0041      2 PVC 90 ELBOW
1 14C 130005-0042      3 PVC 90 ELBOW
1 14C 130005-0085      4 PVC 90 ELBOW
1 14C 130005-0086      4 PVC 90 ELBOW
3 18C 130005-0063      3"x3"x4 PVC 45° W/
1 18C 130005-0064      3"x3"x4 PVC 45° W/
8 21C 130005-0059      3"x3" PVC 45° ELBOW
1 24B 130005-0150      4 2-WAY ELBOW
1 24B 130005-0089      2 2-WAY ELBOW
2 4B 130005-0032      2 1/2" x 5' FLG BUSH
2 4B 130005-0033      2 1/2" x 5' FLG BUSH
4 4B 130005-0034      4 3/4" FLG BUSHING
8 56B 130005-0077      2 1/2" FLG ADPT. PLUG
8 56B 130005-0078      3/4" PVC 45° ELBOW
1 64B 130010-0057      3/4" PVC 45° ELBOW
2 64B 130010-0058      3/4" PVC 45° ELBOW
2 64B 130010-0059      3/4" PVC 45° ELBOW
2 64B 130010-0037      3/4" x 1/2" x 3/4" CPV
2 64B 130010-0039      3/4" x 1/2" x 3/4" CPV
2 64B 130010-0039      3/4" x 1/2" x 3/4" CPV
2 64B 130005-0046      2 P-TUBES
2 64B 130005-0046      2 P-TUBES

```

Plum1nth REPORT

Fri Dec 13 10:53:53 2006

p:\pl\houses 05\davenport\plum1nth

QUANTITY	DESCRIPTION
4,	130005.0023 1.
19,	130005.0047 2.
109,	130005.0072 3.
225,	130010.0012 3.
30,	130010.0025 5.
18,	130010.0056 5.

WATER LINES
COLD - - - - -
HOT - - - - -

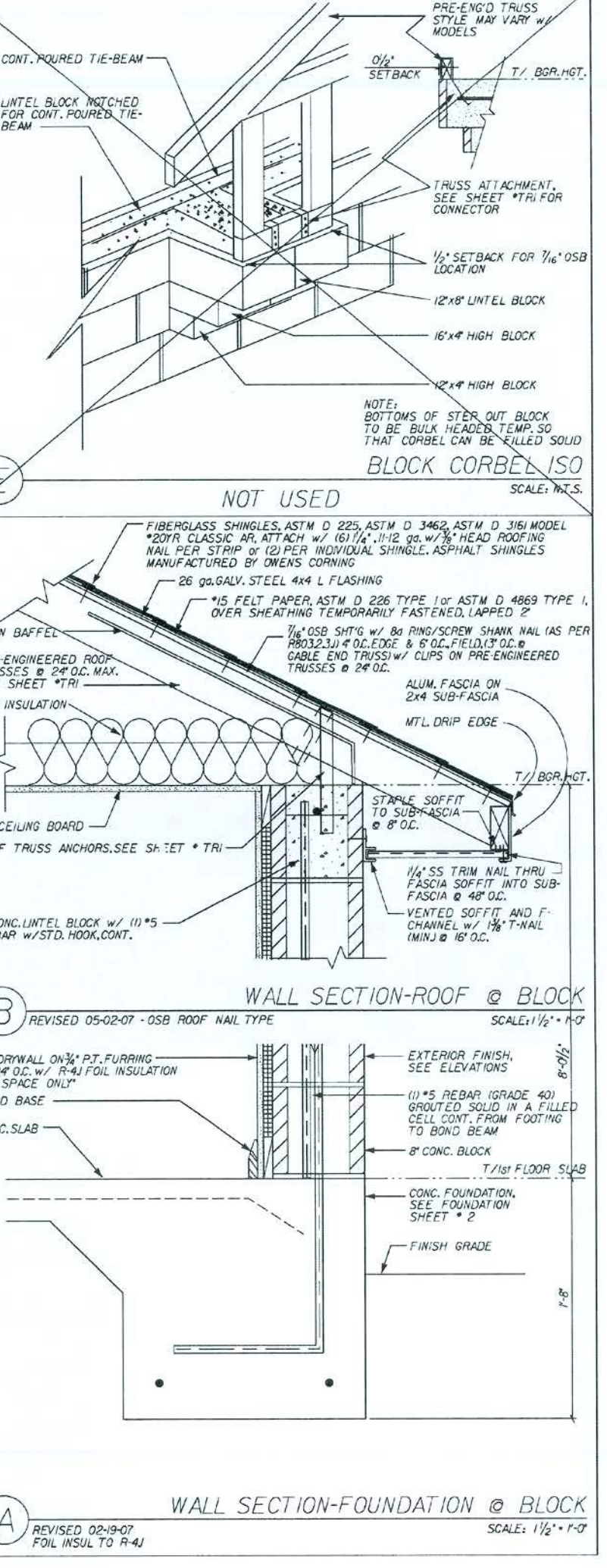
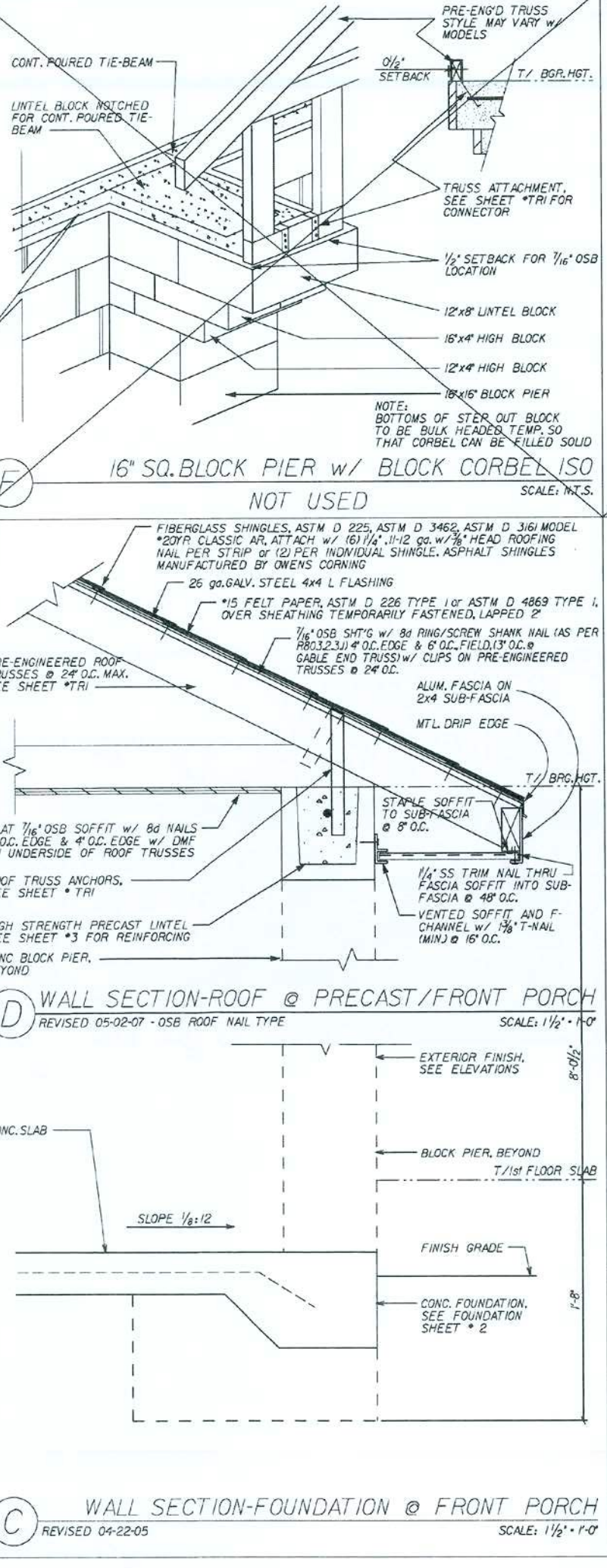
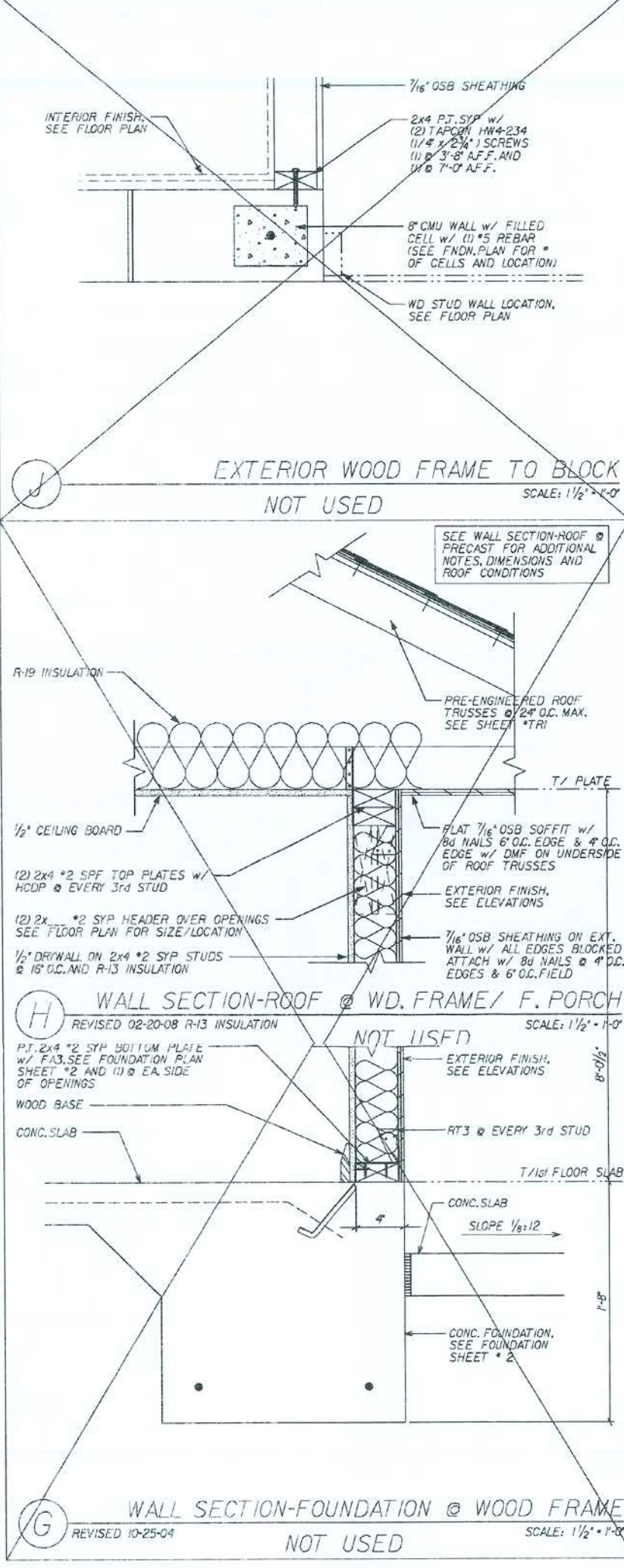
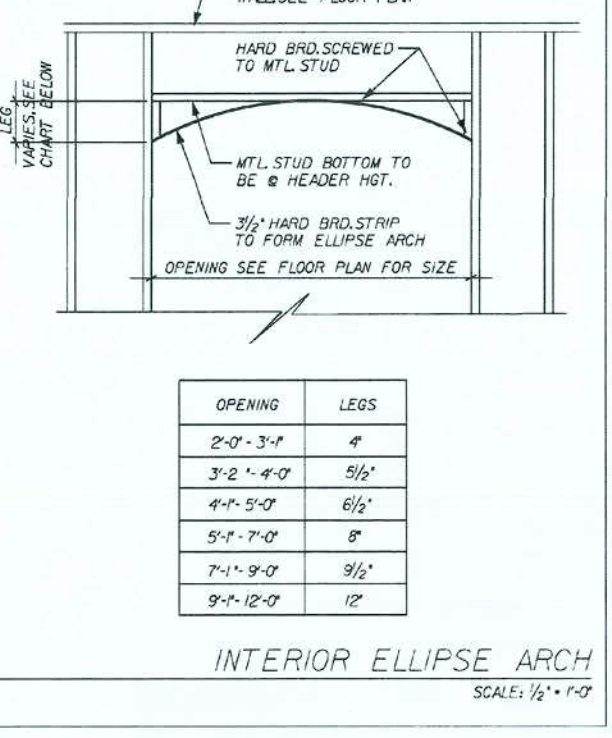
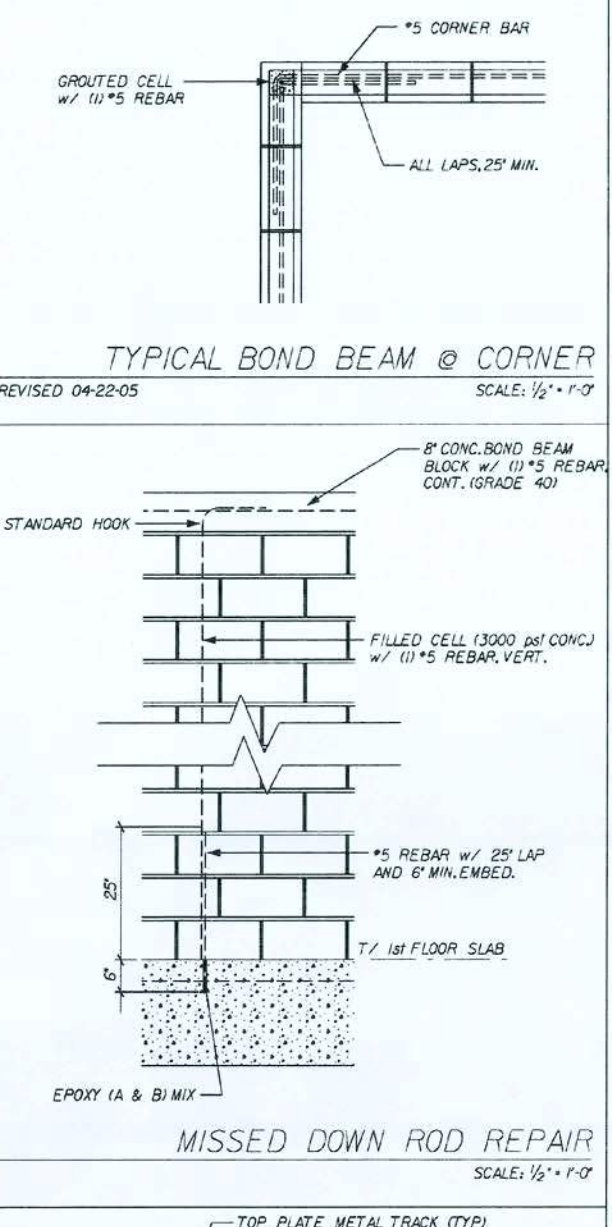
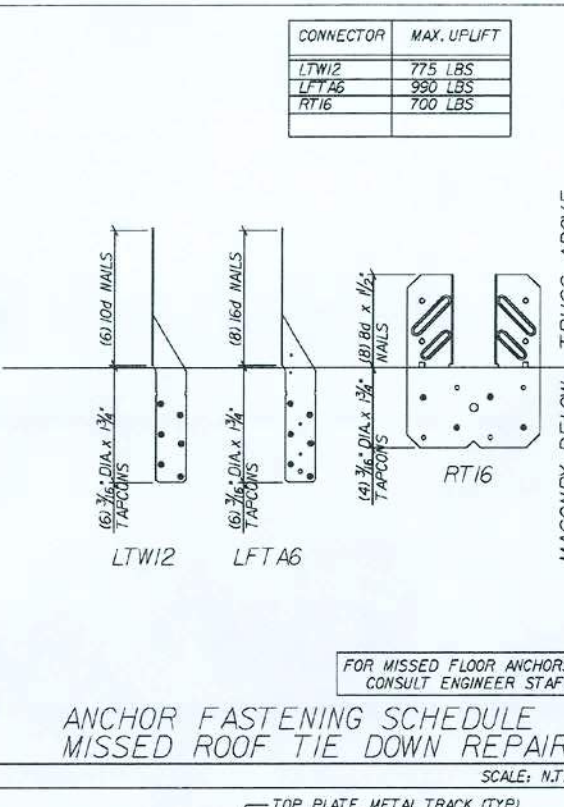
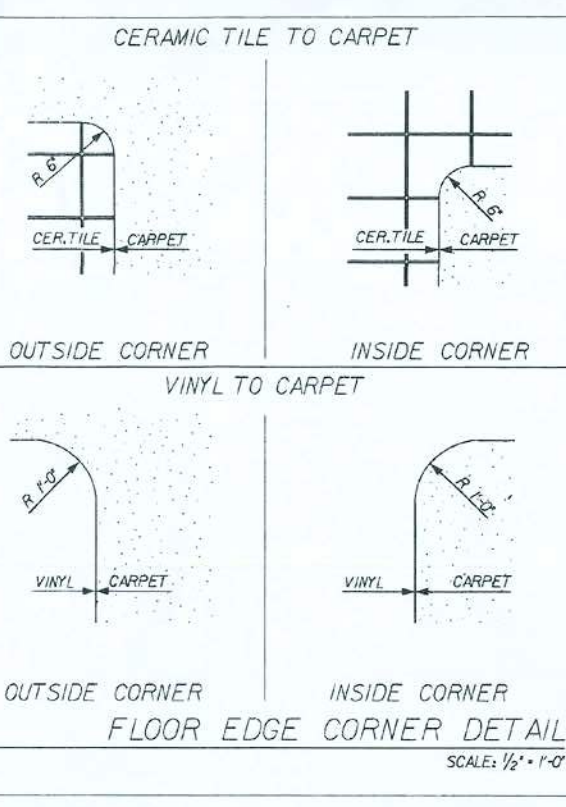
PER FLORIDA PLUMBING CODE: ALL WATER
INTO HOUSE WILL RUN ON P.C.P.V.C TO
FIRST FIXTURE GROUP. REVISED 10-03-06

PER FLORIDA PLUMBING CODE: ALL DMV
THROUGH FOOTERS WILL BE SLEEVED
REVISED 08-15-05

AMERICANA	UNDERGRND PIPING
DAVENPORT	
UNDERGROUND PLUMBING LAYOUT	
ISSUANCE BY:	GARRETT, LEFT
RELEASE DATE:	01/19/05

SHEET:
FPI

USP HARDWARE - 1605		REVISED 05-10-08	
PRODUCT CODE #	NAME	FASTENERS	QUANTITY
C44	USP	100 100 100 100	1000
F43	USP	100 100 100 100	1000
H4520 CLIP	USP	100 100 100 100	445
H4520 CLIP CLIP	USP	100 100 100 100	800
HTA 20 ANCHOR	USP	100 100 100 100	1615
HTA 20/20 ANCHOR	USP	100 100 100 100	3230
HTW24	USP	100 100 100 100	1325
HUST2	USP	100 100 100 100	9790
HUST3	USP	100 100 100 100	9860
JUS 26	USP	100 100 100 100	1115
KSTB27 STRAP ANCH	USP	100 100 100 100	4750
LPTA	USP	100 100 100 100	1250
LSTAS6	USP	100 100 100 100	1640
LTW12	USP	100 100 100 100	670
LTS20 STRAP ANCH	USP	100 100 100 100	890
LBH12 BEARING PLT	USP	100 100 100 100	2515
LFTAG	USP	100 100 100 100	1035
MPEF	USP	100 100 100 100	605
MPLA 6 MPAF	USP	100 100 100 100	660
MSTAI2	USP	100 100 100 100	1015
MSTAI8	USP	100 100 100 100	1420
MSTAI24	USP	100 100 100 100	1640
MSTAI30	USP	100 100 100 100	2065
MTW12	USP	100 100 100 100	1030
MTW18	USP	100 100 100 100	1030
MTS27B STRAP ANCH	USP	100 100 100 100	4635
MUST5	USP	100 100 100 100	4165
NP27 3/4" x 7	USP	100 100 100 100	100
PA 28	USP	100 100 100 100	3360
RT-16	USP	100 100 100 100	1030
RT-16A	USP	100 100 100 100	1380
RT-16-2	USP	100 100 100 100	160
RTS CLIPS L/R	USP	100 100 100 100	540
RTS CLIPS R/L	USP	100 100 100 100	530
SKH12B L/R	USP	100 100 100 100	1095
SKH12B R/L	USP	100 100 100 100	2190
SUH 26	USP	100 100 100 100	725
SUH 28	USP	100 100 100 100	800
TA 16 METAL	USP	100 100 100 100	825
TA 14	USP	100 100 100 100	920
TA 18	USP	100 100 100 100	1205
TA 24	USP	100 100 100 100	2410
TA 24	USP	100 100 100 100	1205
THD26	USP	100 100 100 100	2170
THD26-2	USP	100 100 100 100	2330
THD26-3	USP	100 100 100 100	2485
THD48	USP	100 100 100 100	2485
THJ 26	USP	100 100 100 100	1010
USC63	USP	100 100 100 100	1150
USC3F	USP	100 100 100 100	1150
USC73	USP	100 100 100 100	1150
WST503	USP	100 100 100 100	6170



REVISIONS

1	04-22-05	SDI
---	----------	-----

AMERICAN STANDARD DETAILS

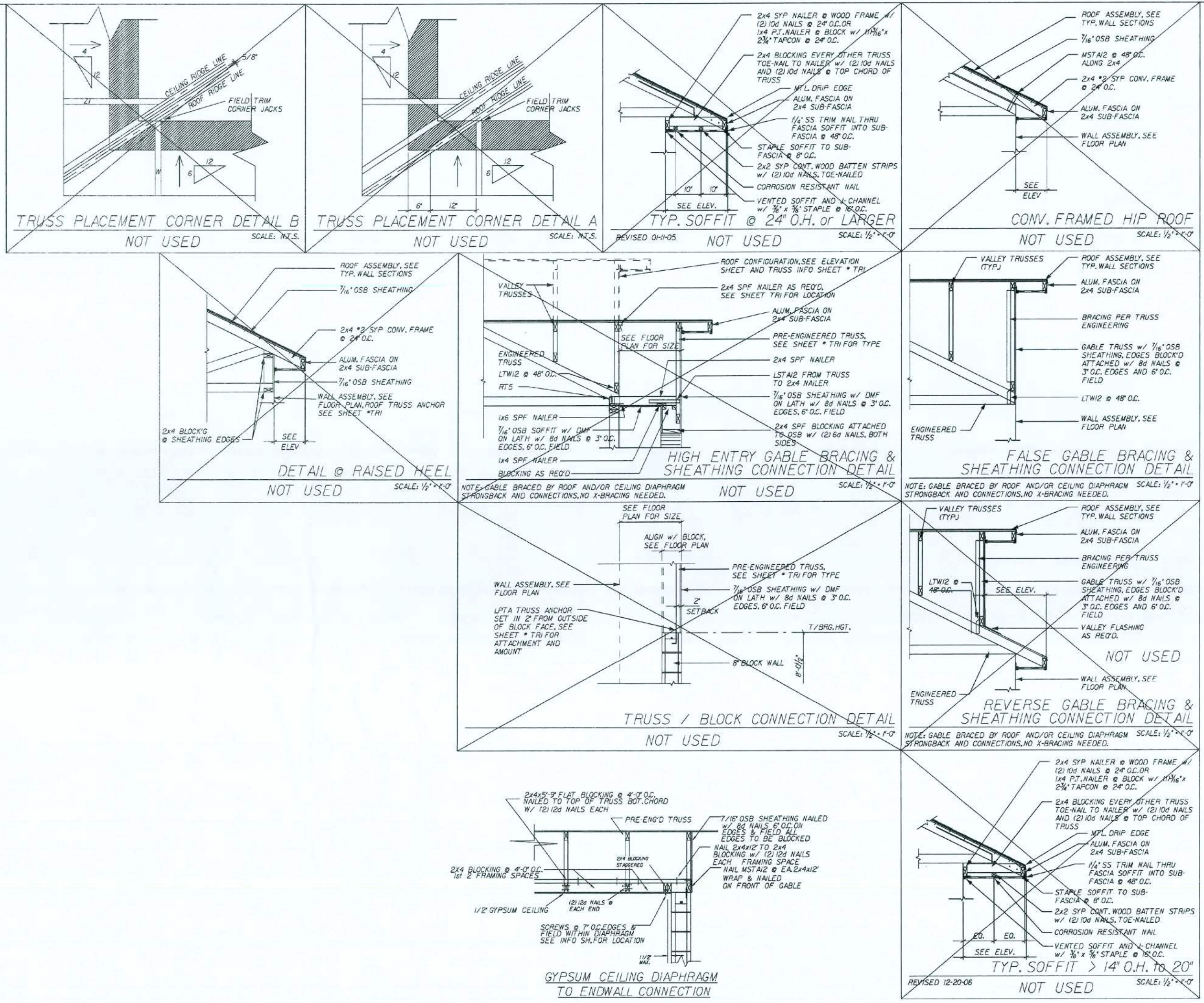
DAVENPORT

Maronda Homes

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

Tommy Ponce P.E.
License No. 0050068
Nov 4, 2008

SHEET: SDI



REVISIONS:

NO.	DATE	DESCRIPTION
1	04-22-05	ISSUED FOR PERMIT

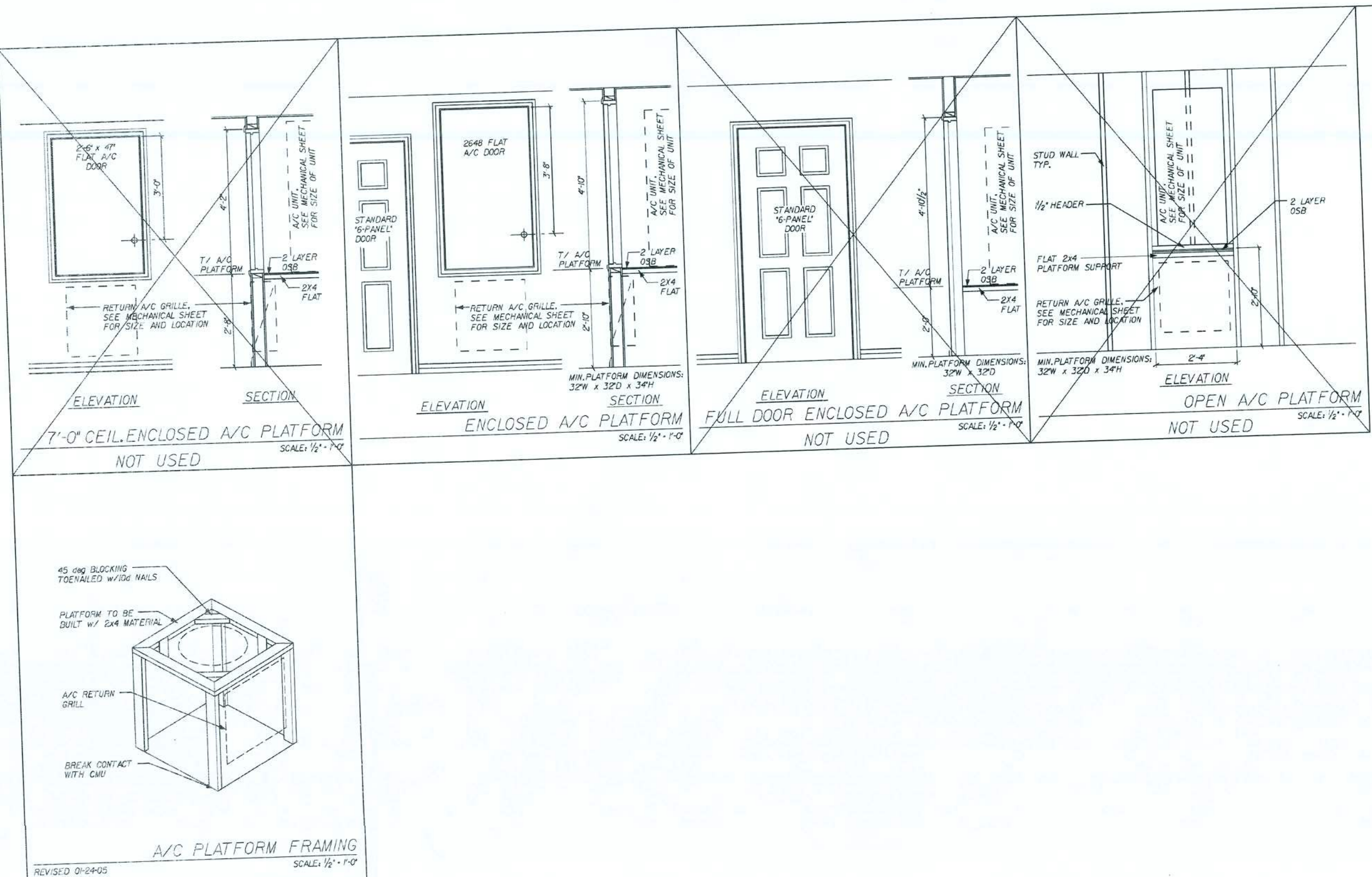
PROJECT: 04-22-05
SHEET: SD-R

Maronda Homes
4085 Maronda Way
Sanford, FL 32771
(407)321-0064

DA VENPORT

Tomás Ponce P.E.
License No. 0050068
Nov 4, 2008

SHEET: SD-R



REVISIONS:

NO.	DATE	DESCRIPTION
1	09-01-04	ISSUED FOR PERMIT

PROJECT: 09-01-04
SHEET: SD-H

Maronda Homes
4085 Maronda Way
Sanford, FL 32771
(407)321-0064

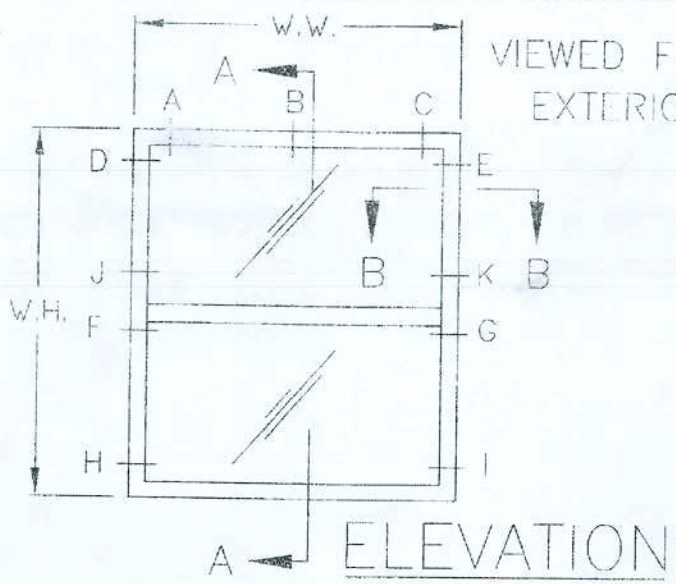
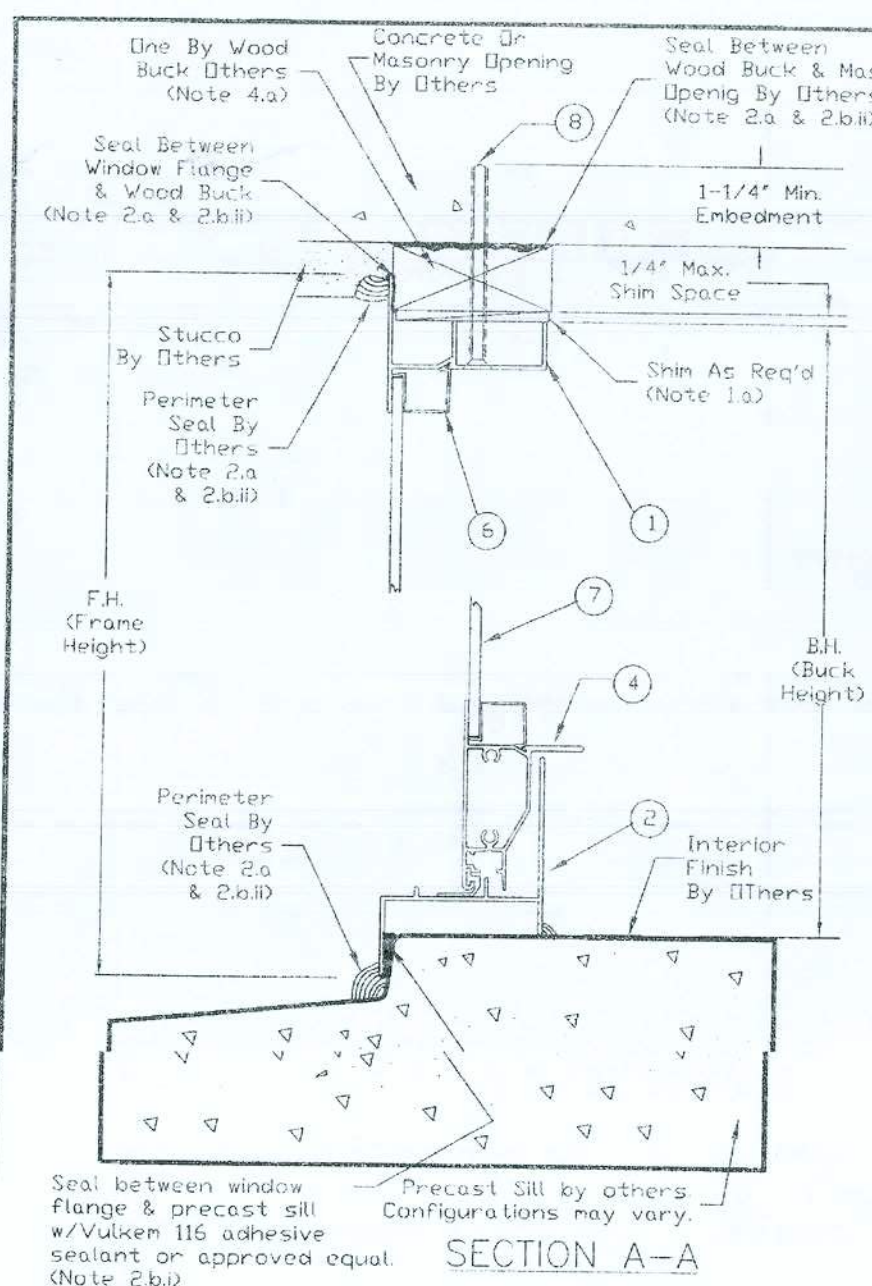
DA VENPORT

Tomás Ponce P.E.
License No. 0050068
Nov 4, 2008

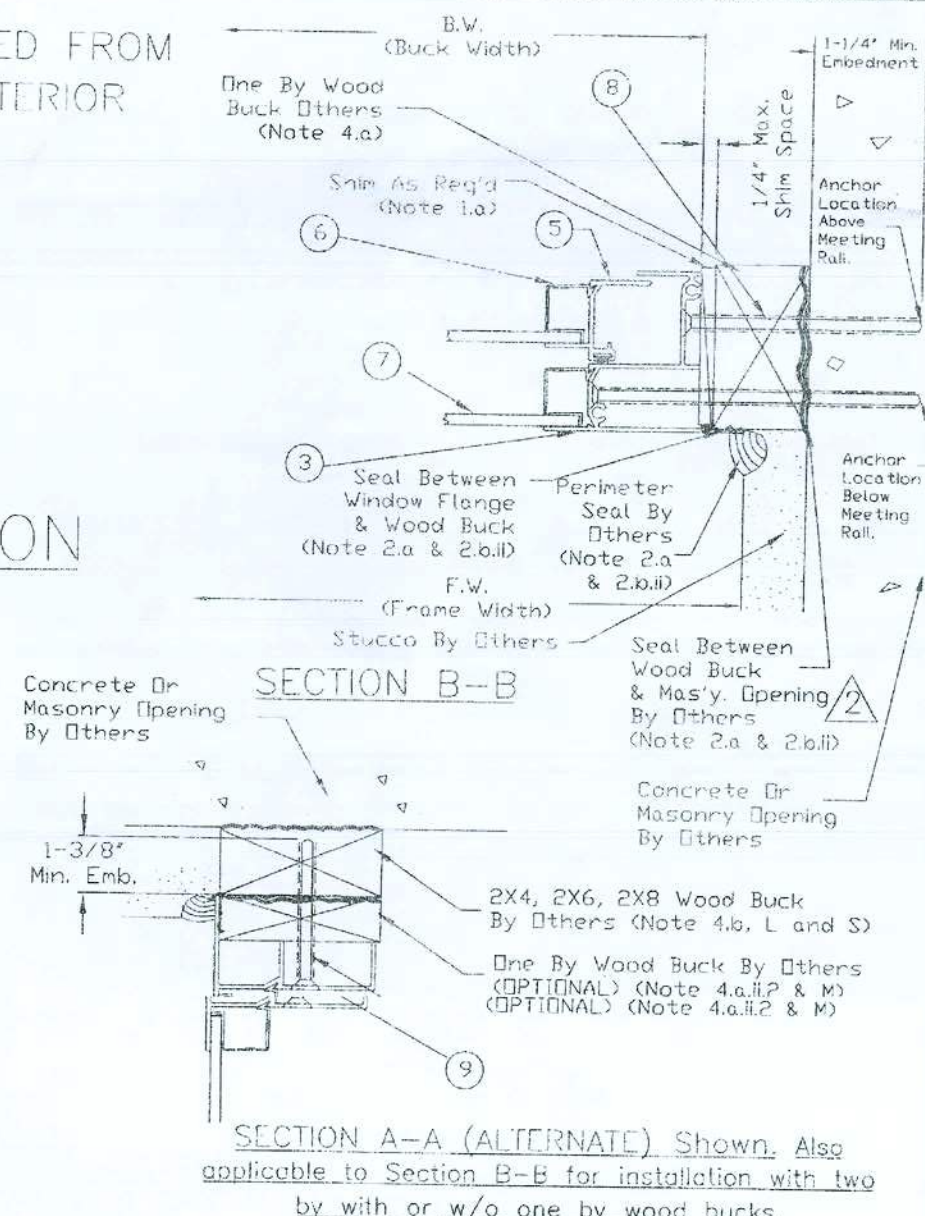
SHEET: SD-H

Florida Product Approval #6184.5

Florida Product Approval #6184.1



- PARTS LIST**
- 1 Head - Flange Frame
 - 2 Sill - Flange Frame
 - 3 Jamb - Flange Frame
 - 4 Lift Rail - Sash
 - 5 Jamb - Sash
 - 6 Glazing Bead
 - 7 Glazing - See Note (B) and (C)
 - 8 3/16" Dia. Flat Head Concrete Screw with minimum working load in shear of 180 lbs at 1 1/4" embedment. See Note (I) on Sheet 2 & Note 7 on Drawing FLEX20100.
 - 9 #10 Flat Head Wood or Tapping Screw with a minimum embedment of 1-3/8" into "Structural Two By Buck or Framing". See Note (L) on Sheet 2 and Note 8 on Drawing FLEX20100.
 - 10 #8 Flat Head Wood or Tapping Screw with a minimum embedment of 5/8" into the "One By Wood Buck". See Note (K) on Sheet 2 and Note 8 on Drawing FLEX20100.



SECTION A-A (ALTERNATE) Shown. Also applicable to Section B-B for installation with two by with or w/o one by wood bucks.

GENERAL NOTES

- (1 to 15) See General Notes Drawing FLEX20100, Sheet 1 & 2.
 (A) Milestone Series 1000 Single Hung Aluminum Window is shown. Also applicable to Milestone Series 1500 and 2000 Single Hung Aluminum Windows.
 (B) Drawing applicable to Non-Impact Resistant glazed windows.
 (C) Production Glazing may differ from that tested as allowed by ANSI/AAMA/NWDA 101/I.S. 2, 101/I.S. 2/NAFS or AAMA/WDMA/CSA 101/I.S. 2/A440 and applicable Building Code. See Note 12 and 13 on Drawing FLEX 20100 for further details.
 (D) For Fastener Location & Quantities see Sheet 2 of this drawing. See Note (H) regarding deviations.
 (E) Concrete screw edge distance measured from edge of concrete/masonry/block to centerline of concrete screw must meet or exceed 2 1/4". Minimum size and embedment per Parts List. See Note (H) regarding deviations.
 (F) Wood 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) Not used.
 (H) Any deviation less than the minimum requirements stated must be approved by the manufacturer or engineered by "other" Design Professional in accordance with the applicable Building Code and Product Approval.

DISCLAIMER: The purpose of this installation drawing is to present the manufacturer's recommendations for anchorage (i.e., concrete screws, wood screws, tapping screws and Vulkem Structural Adhesive (or other approved equal) as applicable) to achieve the design pressure specified on the fenestration product as required by the 2001 Florida Building Code (FBC), Section 1707.4.4, 2004 FBC-Building, Section 1714.5.4 and the 2004 FBC-Residential, Section R613.6. Recommendations regarding flashing, sealing, sealants or other joint sealant practices does not constitute a warranty either expressed or implied.

Robert J. Amoroso, P.E.
 FL License No. 49752

Professional Seal
 ROBERT J. AMOROSO
 P.E.
 No. 49752
 3/28/07

Drawing No. FLEX21110
 Sheet 1 of 2

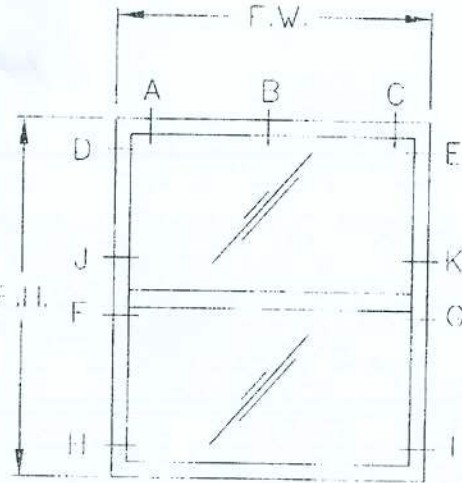
FASTENER LOCATION TABLE (see Elevation View)				
Size Code	Buck		Concrete Screw Location	
	Width	Height	Head	Jambs
12	18 1/8	25	A, C	D, E, F, G, H, I
13	18 1/8	37 3/8	A, C	D, E, F, G, H, I
14	18 1/8	49 5/8	A, C	D, E, F, G, H, I
14S	18 1/8	55 1/4	A, C	D, E, F, G, H, I
15	18 1/8	62	A, C	D, E, F, G, H, I
16	18 1/8	71	A, C	D, E, F, G, H, I, J, K
17	18 1/8	83	A, C	D, E, F, G, H, I, J, K
1H2	25 1/2	25	A, C	D, E, F, G, H, I
1H3	25 1/2	37 3/8	A, C	D, E, F, G, H, I
1H4	25 1/2	49 5/8	A, C	D, E, F, G, H, I
1H4S	25 1/2	55 1/4	A, C	D, E, F, G, H, I
1H5	25 1/2	62	A, C	D, E, F, G, H, I
1H6	25 1/2	71	A, C	D, E, F, G, H, I, J, K
1H7	25 1/2	83	A, C	D, E, F, G, H, I, J, K
3H2	29 1/2	25	A, C	D, E, F, G, H, I
3H3	29 1/2	37 3/8	A, C	D, E, F, G, H, I
3H4S	29 1/2	55 1/4	A, C	D, E, F, G, H, I
3H5	29 1/2	62	A, C	D, E, F, G, H, I
3H6	29 1/2	71	A, C	D, E, F, G, H, I, J, K
3H7	29 1/2	83	A, C	D, E, F, G, H, I, J, K
22	36	25	A, C	D, E, F, G, H, I
23	36	37 3/8	A, C	D, E, F, G, H, I
24	36	49 5/8	A, C	D, E, F, G, H, I
24S	36	55 1/4	A, C	D, E, F, G, H, I
25	36	62	A, C	D, E, F, G, H, I
26	36	71	A, C	D, E, F, G, H, I, J, K
27	36	83	A, C	D, E, F, G, H, I, J, K
482	47	25	A, B, C	D, E, F, G, H, I
483	47	37 3/8	A, B, C	D, E, F, G, H, I
484	47	49 5/8	A, B, C	D, E, F, G, H, I
484S	47	55 1/4	A, B, C	D, E, F, G, H, I
485	47	62	A, B, C	D, E, F, G, H, I
486	47	71	A, B, C	D, E, F, G, H, I, J, K
487	47	83	A, B, C	D, E, F, G, H, I, J, K
32	52 1/8	25	A, B, C	D, E, F, G, H, I
33	52 1/8	37 3/8	A, B, C	D, E, F, G, H, I
34	52 1/8	49 5/8	A, B, C	D, E, F, G, H, I
34S	52 1/8	55 1/4	A, B, C	D, E, F, G, H, I
35	52 1/8	62	A, B, C	D, E, F, G, H, I
36	52 1/8	71	A, B, C	D, E, F, G, H, I, J, K
37 (Note 1)	52 1/8	83	A, B, C	D, E, F, G, H, I, J, K

Notes 1) Only applicable to Series 2000.

FASTENER INSTALLATION INSTRUCTIONS - FLEX21110

- 3/16" DIA. CONCRETE SCREW WITH NON-STRUCTURAL ONE BY WOOD BUCK:**
- (I) Where window is installed in an opening with a non-structural one by wood buck for the head and jambs and masonry or concrete sill, installation is as follows:
- At the head and jambs, use a 3/16" diameter concrete screw of sufficient length to achieve minimum embedment of 1-1/4" into masonry or concrete. See "Parts List" on Sheet 1 of this drawing for concrete screw size, embedment and load requirements. See FLEX20100, Note 7 for additional concrete screw requirements.
 - At the sill, apply a Structural Adhesive Sealant meeting the requirements of Note 2.b.i on FLEX20100 for the full length of the Sill.
- (J) See fastener location table this sheet for concrete screw locations and any additional installation requirements.
- (K) Any remaining factory applied installation fastener hole in the head at location "B" not used for concrete screw installation per the fastener location table shall be filled with a #8 wood screws of sufficient length to provide min. 5/8" embedment into wood buck. See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment requirements. See FLEX20100, Note 8 for additional wood screw requirements.
- #10 WOOD SCREW WITH STRUCTURAL TWO BY WOOD BUCK AND OPTIONAL ONE BY WOOD BUCK (SECTION A-A ALTERNATE ILLUSTRATES THIS OPTION, SIMILAR FOR SECTION B-B):**
- (L) Where window is installed in an opening with a structural two by wood buck for the head and jambs and a masonry or concrete sill, installation is as follows:
- Block See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment. See FLEX20100, Note 8 for additional wood screw requirements.
 - At the sill, apply a Structural Adhesive Sealant meeting the requirements of Note 2.b.i on FLEX20100 for the full length of the Sill.
- (M) If a two by and one by wood buck are used together (See Section A-A Alternate, similar for Section B-B), then #10 wood screws of sufficient length to achieve 1-3/8" min. embedment into the two by wood buck will be used and the one by wood buck will be secured to the two by wood buck as required in Note 4.a.ii.2 on drawing FLEX20100.
- (N) #10 wood screws shall be installed at all factory applied installation fastener hole locations.
- (O) Wood screws shall not be used to fasten assembly into the end grain of wood.

VIEWED FROM EXTERIOR (FASTENER LOCATIONS)



ELEVATION

DESIGN PRESSURE RATING & FBC CODE COMPLIANCE

- (P) If exact window size is not listed in fastener installation table, use fastener quantity listed for next larger size.
- (Q) Installations depicted in these instructions acceptable for design pressures to 70 PSF for the window sizes shown in the table. Design Pressures (D.P.) are positive and negative. Overall window assembly design pressure may be less than that shown in the fastener location table and shall be determined in accordance with Note 13 of FLEX20100.
- (R) Production Glazing may differ from that tested as allowed by ANSI/AAMA/NWDA 101/I.S. 2, 101/I.S. 2/NAFS or AAMA/WDMA/CSA 101/I.S. 2/A440 and applicable Building Code. See Note 12 and 13 on Drawing FLEX 20100 for further details.
- (S) Two by wood buck and/or framing at the head and jambs to be securely fastened to transfer the load to the masonry, concrete or other structural substrate per the FBC and the engineer of record's details as applicable.
- (T) See FLEX20100, Notes 10 to 15 for additional FBC Code Compliance.

Drawing No. FLEX21110
 Sheet 2 of 2

Florida Extruders Int'l., Inc.
 2540 Jovett Lane - Sanford, FL 32771
 407-321-3300 - 407-321-3507 (fax)
 www.floridextruders.com
 Florida COA No. 9225

REVISIONS

No.	Date	By	Description
1	12/27/06	RJA	Supersedes FLEX20100
2	1/17/07	RJA	Revised Anchorage
3	3/02/07	RJA	Editorial Corrections

Date: 3/02/07
 Scale: NTS
 Drawn By: RJA
 Checked By: JH

1 of 5

SHEET:

FLORIDA EXTRUDERS
 WINDOWS IN BLOCK

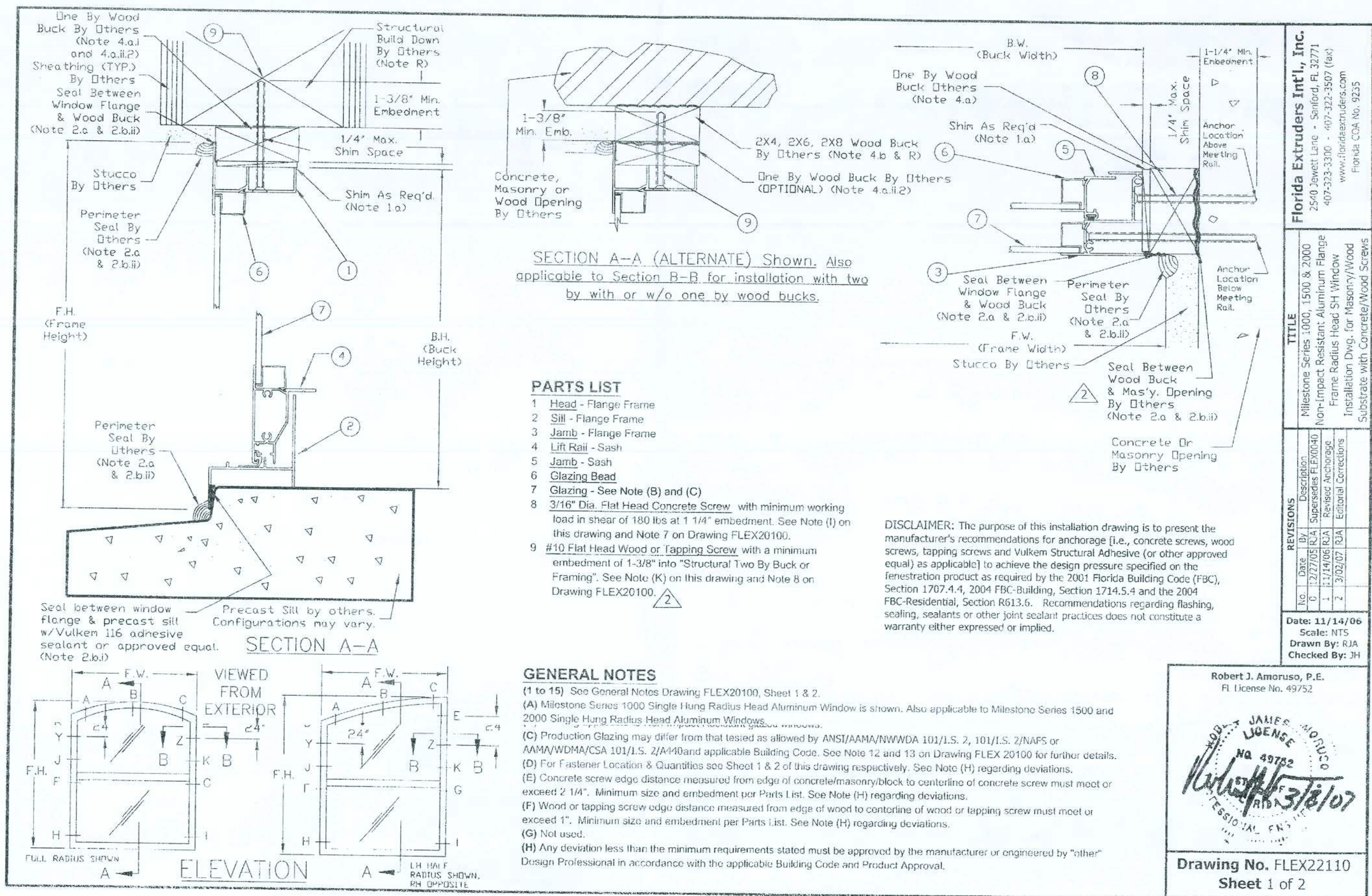
RELEASE DATE: 09/03/08

COPYRIGHT © 2002 MARONDA HOMES

Maronda Homes

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

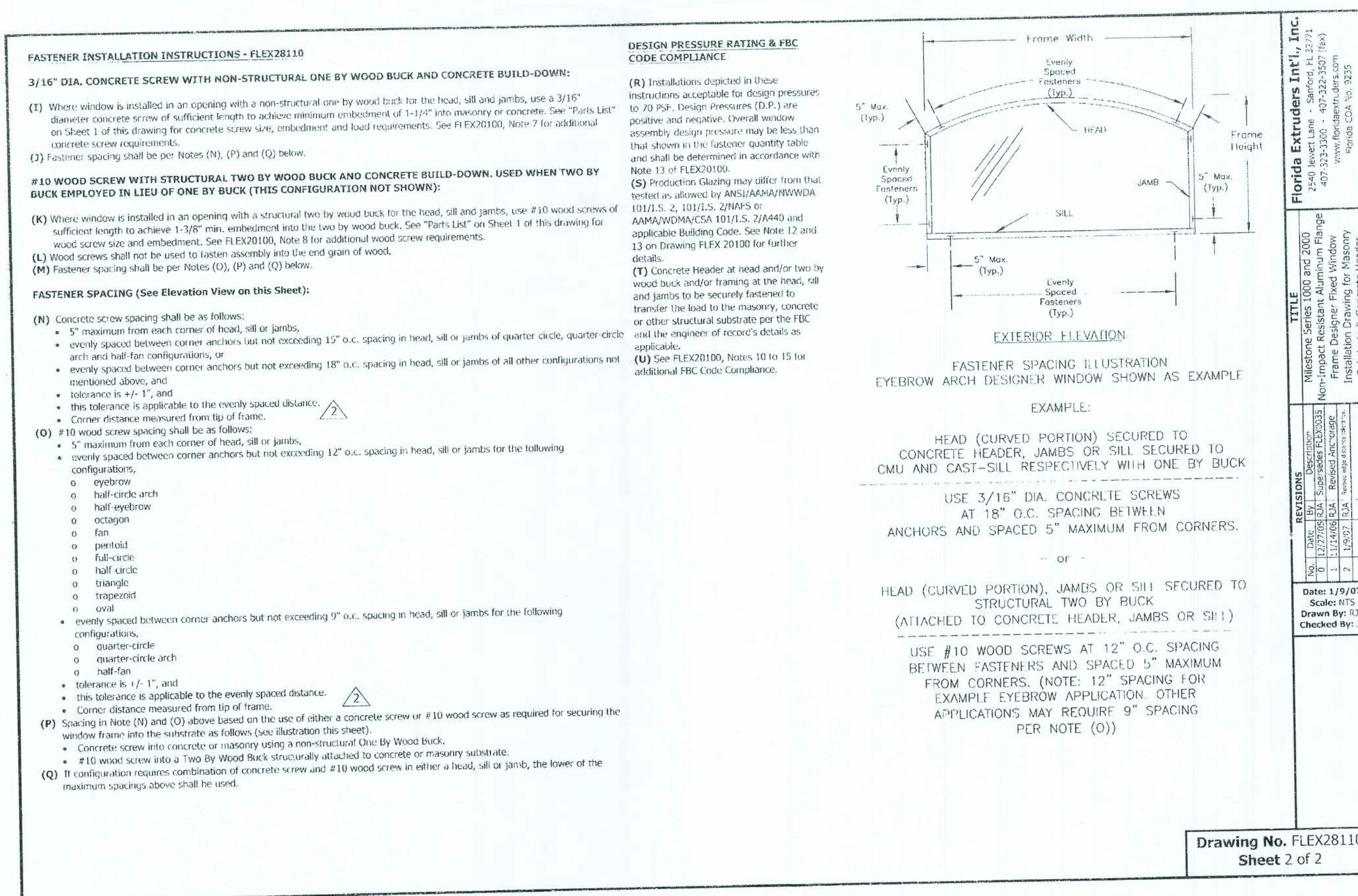
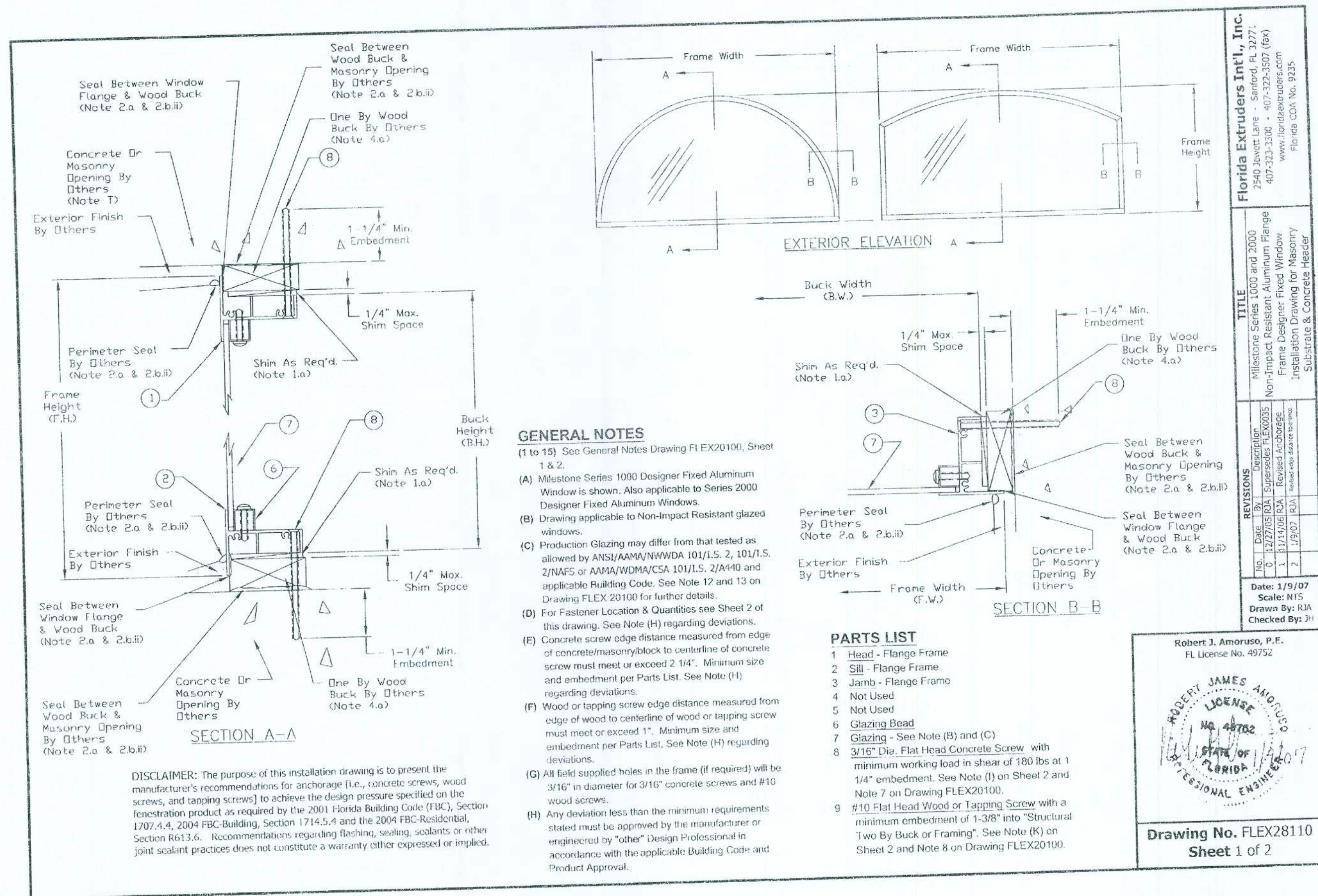
REVISIONS:



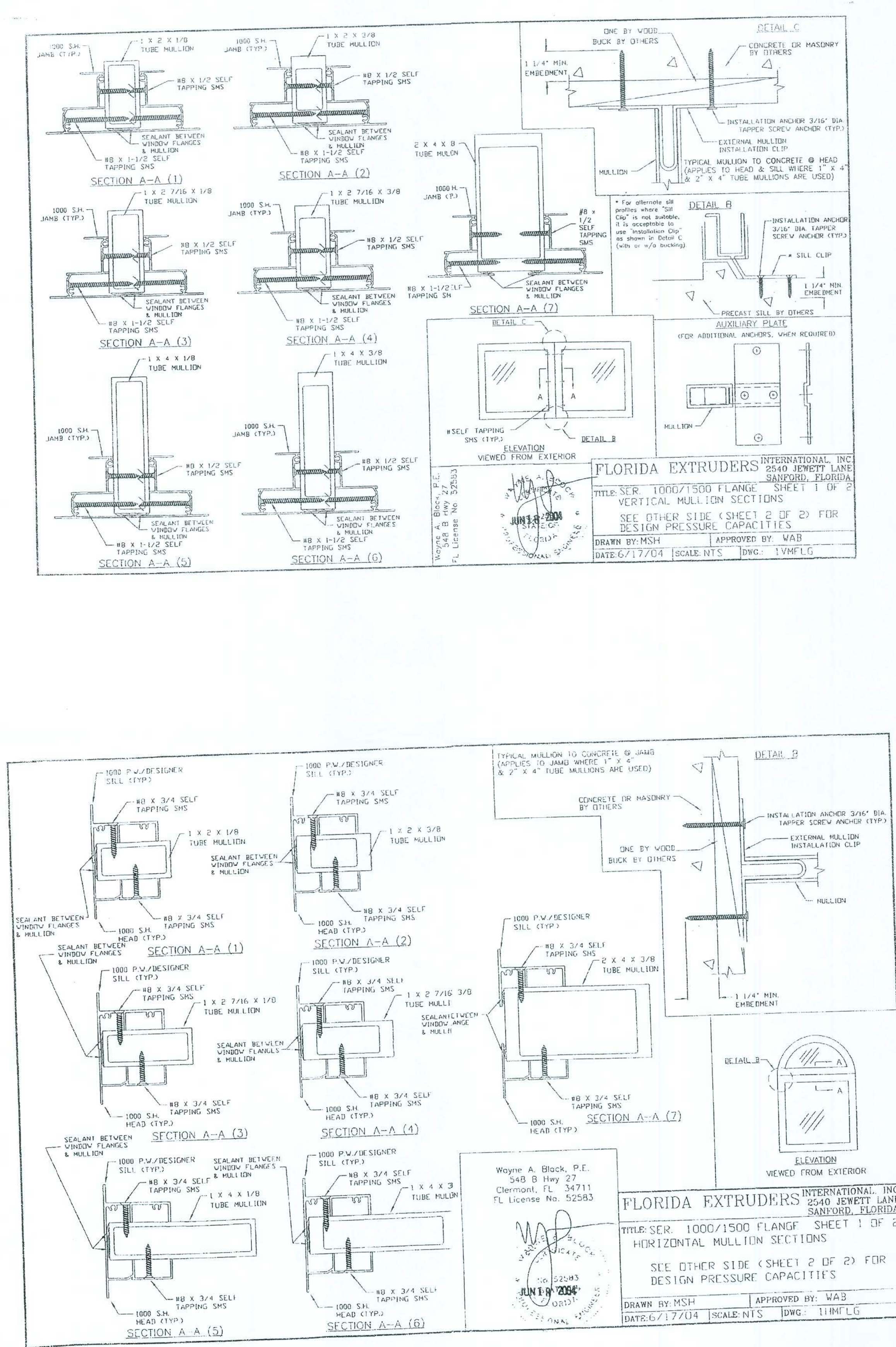
FASTENER LOCATION TABLE (see Elevation View, Sheet 1)					
Series	Size Code	Frame Width and Height		Fastener Location	
		Width	Height (Full Radius)	Head (No. 10 WS)	Jamb (No. 10 WS or Concrete Screw)
1000/1500/2000	12	19 1/8	26 13/16	28 5/16	A, B, C
1000/1500/2000	13	19 1/8	39 3/16	40 11/16	A, B, C
1000/1500/2000	14	19 1/8	51 7/16	52 15/16	A, B, C
1000/1500/2000	14S	19 1/8	57 1/16	58 9/16	A, B, C
1000/1500/2000	15	19 1/8	63 13/16	65 5/16	A, B, C
1000/1500/2000	16	19 1/8	72 13/16	74 5/16	A, B, C
1000/1500	17	19 1/8	84	84	A, B, C
1000/1500	17	19 1/8	90	86 5/16	A, B, C
1000/1500/2000	1H2	26 1/2	27 7/16	29 9/16	A, B, C
1000/1500/2000	1H3	26 1/2	39 13/16	41 15/16	A, B, C
1000/1500/2000	1H4	26 1/2	52 1/16	54 3/16	A, B, C
1000/1500/2000	1H4S	26 1/2	57 11/16	59 13/16	A, B, C
1000/1500/2000	1H5	26 1/2	64 7/16	66 9/16	A, B, C
1000/1500/2000	1H6	26 1/2	73 7/16	75 9/16	A, B, C
1000/1500	1H7	26 1/2	84	84	A, B, C
1000/1500	1H7	26 1/2	90	87 9/16	A, B, C
1000/1500/2000	3H2	30 1/2	27 7/16	29 9/16	A, B, C
1000/1500/2000	3H3	30 1/2	40 13/16	42 29/48	A, B, C
1000/1500/2000	3H4	30 1/2	52 3/16	54 41/48	A, B, C
1000/1500/2000	3H4S	30 1/2	58 1/8	60 23/48	A, B, C
1000/1500/2000	3H5	30 1/2	64 7/16	67 11/48	A, B, C
1000/1500/2000	3H6	30 1/2	73 7/16	75 11/48	A, B, C
1000/1500	3H7	30 1/2	84	83 47/48	A, B, C
1000/1500	3H7	30 1/2	90	89 47/48	A, B, C
1000/1500/2000	22	37	28 5/16	31 5/16	A, B, C
1000/1500/2000	23	37	40 11/16	43 11/16	A, B, C
1000/1500/2000	24	37	52 15/16	55 15/16	A, B, C
1000/1500/2000	24S	37	58 9/16	61 9/16	A, B, C
1000/1500/2000	25	37	65 5/16	68 5/16	A, B, C
1000/1500/2000	26	37	74 5/16	77 5/16	A, B, C
1000/1500	27	37	84	84	A, B, C
1000/1500	27	37	90	89 5/16	A, B, C
1000/1500/2000	482	48	29 7/32	33 7/48	A, B, C
1000/1500/2000	483	48	41 19/32	45 25/48	A, B, C
1000/1500/2000	484	48	53 27/32	57 37/48	A, B, C
1000/1500/2000	484S	48	58 15/32	63 19/48	A, B, C
1000/1500/2000	485	48	66 7/32	70 7/48	A, B, C
1000/1500/2000	486	48	75 7/32	79 7/48	A, B, C
1000/1500	487	48	84	84 1/12	A, B, C
1000/1500	487	48	90	90 1/12	A, B, C
1000/1500/2000	32	53 1/8	29 21/32	34	A, B, C
1000/1500/2000	33	53 1/8	42 1/32	46 3/8	A, B, C
1000/1500/2000	34	53 1/8	54 9/32	58 5/8	A, B, C
1000/1500/2000	34S	53 1/8	59 29/32	64 1/4	A, B, C
1000/1500/2000	35	53 1/8	66 21/32	71	A, B, C
1000/1500/2000	36	53 1/8	75 21/32	80	A, B, C
1000/1500	n/a	n/a	n/a	n/a	n/a
2000	37	53 1/8	90	90	A, B, C

FASTENER INSTALLATION INSTRUCTIONS - FLEX22110					
3/16" DIA. CONCRETE SCREW WITH NON-STRUCTURAL ONE BY WOOD BUCK:					
(I) Where window is installed in an opening with a non-structural one by wood buck for the jambs and masonry or concrete sill, installation is as follows:					
(1) At the jambs, use a 3/16" diameter concrete screw of sufficient length to achieve minimum embedment of 1-1/4" into masonry or concrete. See "Parts List" on Sheet 1 of this drawing for concrete screw size, embedment and load requirements. See FLEX20100, Note 7 for additional concrete screw requirements.					
(2) At the sill, apply a Structural Adhesive Sealant for the full length of the Sill meeting the requirements of Note 2.b.i on FLEX 20100.					
(3) See fastener installation table on this sheet for concrete screw locations in jambs and additional installation requirements.					
#10 WOOD SCREW WITH (1) STRUCTURAL BUILD-DOWN FOR RADIUS HEAD, (2) OPTIONAL STRUCTURAL TWO BY WOOD BUCK AND (3) OPTIONAL ONE BY WOOD BUCK AT HEAD AND/OR JAMBS (SECTION A-A ALTERNATE ILLUSTRATES THIS OPTION FOR HEAD, SIMILAR FOR SECTION B-B AT JAMB):					
(K) Where window is installed in an opening with a (1) structural build-down for radius head, (2) optional structural two by wood buck and (3) optional one by wood buck at head and/or jambs, installation is as follows:					
(1) For structural build-down at the head and/or two by wood buck at the head and/or jambs as applicable, use #10 wood screws of sufficient length to achieve 1-3/8" min. embedment into the two by wood buck and/or structural build-down. See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment. See FLEX20100, Note 8 for additional wood screw requirements.					
(2) For one by wood buck used in conjunction with a structural two by wood buck at the head and/or jambs as applicable use #10 wood screws of sufficient length to achieve 1-3/8" min. embedment into the two by wood buck. See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment. See FLEX20100, Note 8 for additional wood screw requirements.					
(3) At the sill, apply a Structural Adhesive Sealant for the full length of the Sill meeting the requirements of Note 2.b.i on FLEX 20100.					
(L) If a two by one by wood buck are used together (see Section A-A Alternate, similar for Section B-B), then #10 wood screws of sufficient length to achieve 1-3/8" min. embedment into the two by wood buck will be used and the one by wood buck will be secured to the two by wood buck as required in Note 4.a.ii.2 on drawing FLEX20100.					
(M) #10 wood screws shall be installed at all factory applied installation fastener hole locations where applicable.					
(N) Wood screws shall not be used to fasten assembly into the end grain of wood.					
DESIGN PRESSURE RATING & FBC CODE COMPLIANCE					
(O) If exact window size is not listed in fastener installation table, use fastener locations listed for next larger size.					
(P) Installations depicted in these instructions acceptable for design pressures to 70 PSF for the window sizes shown in the chart. Design Pressures (D.P.) are positive and negative. Overall window assembly design pressure may be less than that shown in the fastener quantity table and shall be determined in accordance with Note 13 of FLEX20100.					
(Q) Production Glazing may differ from that tested as allowed by ANSI/AAMA/NWDA 101/I.S. 2, 101/I.S. 2/NAFS or AAMA/WDMA/CSA 101/I.S. 2/A440 and applicable Building Code. See Note 12 and 13 on Drawing FLEX 20100 for further details.					
(R) Structural build-down at head, two by wood buck and/or framing at the head and jambs to be securely fastened to transfer the load to the masonry, concrete or other structural substrate per the FBC and the engineer of record's details as applicable.					
(S) See FLEX20100, Notes 10 to 15 for additional FBC Code Compliance.					
FASTENER LOCATION TABLE NOTES:					
1. This chart and Notes I, J, K-1, L, M and N for use when Radius Head Flange Window is installed in opening with the following attributes:					
a. Wood Structural Build-Down at Head, and					
b. Masonry/Concrete Substrate and One-By Wood Buck at Jambs.					
2. Install Radius Head Flange Window using #10 Wood Screws with a 1-3/8" minimum embedment into the structural wood substrate in accordance with Notes K to N in an opening with the following attributes:					
a. Wood Structural Build-Down at Head,					
b. Optional Structural Two By Buck is installed at the head or jambs, and					
c. Optional One By Wood Buck is installed at the head or jambs.					
3. See Note R regarding structural framing requirements.					
4. See Sheet 1 for Fastener Location Diagrams.					
5. Fasteners Y & Z applicable to Series 2000 Size 37 Only. 3/16" Hole must be drilled in field.					

Drawing No. FLEX22110
Sheet 2 of 2



1000/1500 FLANGE VERTICAL MULLION SECTIONS



F3136-R2

FL44.1

3 of 5

FLORIDA EXTRUDERS
WINDOWS IN BLOCK

RELEASE DATE: 10/03/08

COPYRIGHT © 2002 MARONDA HOMES
Maronda Homes
14071 321-0064 4005 MARONDA WAY SANFORD, FLORIDA

REVISIONS:

4 of 5

FLORIDA EXTRUDERS
WINDOW MULLIONS

RELEASE DATE: 10/03/08

COPYRIGHT © 2002 MARONDA HOMES
Maronda Homes
14071 321-0064 4005 MARONDA WAY SANFORD, FLORIDA

REVISIONS:

PRODUCT APPROVAL INFORMATION SHEET FOR FLORIDA

PROJECT NAME: _____ PERMIT # _____
PROJECT ADDRESS: _____

As required by Florida Statute 553.042 and Florida Administrative Code 9B-72.2, please provide the information and product approval numbers for the building components listed below as applicable to the building construction project for the permit number listed above. You should contact your product supplier if you do not know the product approval number for any of the applicable listed products. Information regarding alternative product approval may be obtained at www.floridabuilding.org.

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State #	Design Pressures
A. EXTERIOR DOORS					
1. Sliding	Plastpro Inc.	Fiberglass Doors	Evaluated for use in locations subject to the Florida Building Code and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Building and Other Structures.	FL 6729J FL 6729S	+50 / -50 +50 / -50
2. Sliding	Simonton/Norandex Florida Extruders	Sliding Glass Doors	500 72X80 S6D-R45 Milestone 1000 S6D	FL 5979J FL 45J	+50 / -50 +45 / -45
3. Sectional	Wayne Dalton	Garage Doors 130 16' 9/100 / 5120 Garage Doors 40 16' 9/100 / 5120	As Indicated in evaluation report and installation drawings. Not to be used in HVHZ.	FL 5287J FL 5287S FL 9174J FL 9174S	+26.9 / -30.8 +25.9 / -28.8 +43.2 / -49.6 +39.2 / -43.7
B. WINDOWS					
1. Single Hung	H-R Windows David Window Co. Florida Extruders	300 Fin Single Hung 341 Flange Frame S.H. Milestone 1000 S.H.	40-17 72x74 H-R45	FL 5089J FL 2732J FL 42J	+45 / -45 +55 / -55 +45 / -45
2. Horizontal Slider					
3. Casement					
4. Double hung					
5. Fixed	H-R Windows David Window Co. Florida Extruders	300 Fin Frame Fixed 341 Flange Frame S.H. Milestone 1000 Fixed Flange & Fin	437.438 111X63 F-C60 3/16 Tempered Glass	FL 1291J FL 2349J FL 44J	+55 / -55 +70 / -70 +45 / -45
6. Awning					
7. Pass-through					
8. Projected					
9. Mullion	H-R Windows David Window Co. Florida Extruders	Mullions Milestone Tube Mull Fin Or Flange	Evaluated for use in locations subject to the Florida Building Code and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Building and Other Structures.	FL 5782 FL 3136-R2	+45 / -45
10. Wind breaker					
12. Other					
C. PANEL WALL					
1. Sliding	Owen Corning	Norandex - Summit Manor Dbl 4.5 Buloh Lap Reynolds - Easy Street Dbl 4.5 Dutch Lap	This Evaluation Is not for use within the FBC HVHZ or in Education Facilities within the State of Florida. Vinyl Sliding is limited to Type V construction as defined below. Section 602.5 TYPE V CONSTRUCTION: The type of construction in which the structure of elements, exterior walls and interior walls are of one material permitted by this code. Compliance is valid only if the subject profile trade name is current on the VSI Vinyl Sliding Certification Program.	FL 920.3 FL 920.7	-NA / -152 -NA / -152
2. Soffit	Alcoa Metal Corp	16' Vented Soffit Quad 4 Aluminum Soffit	For use as soffit only. Not for use in HVHZ.	FL 4459J	46.71 PSF
D. ROOFING PRODUCTS					
1. Asphalt shingles	Owens Corning	Asphalt Shingle Ridge Vents	This Approval not for use in the HVHZ. All FBC sections that apply to counties except Broward and Miami-Dade must be followed.	FL 366.3 FL 234	
2. Underlayment					
3. Roofing Fasteners					
4. Nonstructural metal roof					
5. Built-up roofing					
6. Modified bitumen	Polyglass	Two layer torch down	The max design pressure for the selected assembly shall meet or exceed the Zone I design pressure determined in accordance with FBC chapter 16.	FL 1654.8 FL 1654.9	
7. Single ply roofing					
8. Roofing Tiles					
9. Roofing Insulation					
10. Waterproofing					
11. Wood shingles/shakes					
12. Roofing slate					

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State#	Design Pressures
D. ROOFING PRODUCTS cont.					
13. Liquid applied roofing					
14. Cement-adhesive coats					
15. roof tile adhesive					
16. Spray applied polyurethane roof					
17. roof vents	Owens Corning Stanco Inc. Lamanco	Galvanized metal roof vents	This Approval not for use in the HVHZ. All FBC sections that apply to counties except Broward and Miami-Dade must be followed.	FL 5289J FL 6103J FL 3792.5	
E. SHUTTERS					
1. Storm Panels	Atrium Shutters, Inc. K&D Manufacturing All American Shutters, Inc.	5L Panel Galv. SII Storm	This product may only be installed on concrete, hollow concrete block or wood substrates. This product is NOT suitable for installation in the High Velocity Hurricane Zone.	FL 5547J FL 2773J FL 393J	50 PSF +47 / -50
F. STRUCTURAL COMPONENTS					
1. Wood connector/anchor	United Steel Products	Anchors, Hangers Etc. Structural Components Wood Connectors	Subject to limitation and installation instructions specified in NOA 05-0105.05.	FL 61.565, 569.572, 576.616, 616, 617.618, 619, 620.621, 624.625, 627.628, 633.634, 637.638, 643.644, 647.648, 653.654, 657.658, 663.664, 667.668, 673.674, 677.678, 683.684, 687.688, 693.694, 697.698, 703.704, 707.708, 713.714, 717.718, 723.724, 727.728, 733.734, 737.738, 743.744, 747.748, 753.754, 757.758, 763.764, 767.768, 773.774, 777.778, 783.784, 787.788, 793.794, 797.798, 803.804, 807.808, 813.814, 817.818, 819, 820.821, 824.825, 827.828, 833.834, 837.838, 843.844, 847.848, 853.854, 857.858, 863.864, 867.868, 873.874, 877.878, 883.884, 887.888, 893.894, 897.898, 903.904, 907.908, 913.914, 917.918, 923.924, 927.928, 933.934, 937.938, 943.944, 947.948, 953.954, 957.958, 963.964, 967.968, 973.974, 977.978, 983.984, 987.988, 993.994, 997.998, 1003.1004, 1007.1008, 1013.1014, 1017.1018, 1023.1024, 1027.1028, 1033.1034, 1037.1038, 1043.1044, 1047.1048, 1053.1054, 1057.1058, 1063.1064, 1067.1068, 1073.1074, 1077.1078, 1083.1084, 1087.1088, 1093.1094, 1097.1098, 1103.1104, 1107.1108, 1113.1114, 1117.1118, 1123.1124, 1127.1128, 1133.1134, 1137.1138, 1143.1144, 1147.1148, 1153.1154, 1157.1158, 1163.1164, 1167.1168, 1173.1174, 1177.1178, 1183.1184, 1187.1188, 1193.1194, 1197.1198, 1203.1204, 1207.1208, 1213.1214, 1217.1218, 1223.1224, 1227.1228, 1233.1234, 1237.1238, 1243.1244, 1247.1248, 1253.1254, 1257.1258, 1263.1264, 1267.1268, 1273.1274, 1277.1278, 1283.1284, 1287.1288, 1293.1294, 1297.1298, 1303.1304, 1307.1308, 1313.1314, 1317.1318, 1323.1324, 1327.1328, 1333.1334, 1337.1338, 1343.1344, 1347.1348, 1353.1354, 1357.1358, 1363.1364, 1367.1368, 1373.1374, 1377.1378, 1383.1384, 1387.1388, 1393.1394, 1397.1398, 1403.1404, 1407.1408, 1413.1414, 1417.1418, 1423.1424, 1427.1428, 1433.1434, 1437.1438, 1443.1444, 1447.1448, 1453.1454, 1457.1458, 1463.1464, 1467.1468, 1473.1474, 1477.1478, 1483.1484, 1487.1488, 1493.1494, 1497.1498, 1503.1504, 1507.1508, 1513.1514, 1517.1518, 1523.1524, 1527.1528, 1533.1534, 1537.1538, 1543.1544, 1547.1548, 1553.1554, 1557.1558, 1563.1564, 1567.1568, 1573.1574, 1577.1578, 1583.1584, 1587.1588, 1593.1594, 1597.1598, 1603.1604, 1607.1608, 1613.1614, 1617.1618, 1623.1624, 1627.1628, 1633.1634, 1637.1638, 1643.1644, 1647.1648, 1653.1654, 1657.1658, 1663.1664, 1667.1668, 1673.1674, 1677.1678, 1683.1684, 1687.1688, 1693.1694, 1697.1698, 1703.1704, 1707.1708, 1713.1714, 1717.1718, 1723.1724, 1727.1728, 1733.1734, 1737.1738, 1743.1744, 1747.1748, 1753.1754, 1757.1758, 1763.1764, 1767.1768, 1773.1774, 1777.1778, 1783.1784, 1787.1788, 1793.1794, 1797.1798, 1803.1804, 1807.1808, 1813.1814, 1817.1818, 1823.1824, 1827.1828, 1833.1834, 1837.1838, 1843.1844, 1847.1848, 1853.1854, 1857.1858, 1863.1864, 1867.1868, 1873.1874, 1877.1878, 1883.1884, 1887.1888, 1893.1894, 1897.1898, 1903.1904, 1907.1908, 1913.1914, 1917.1918, 1923.1924, 1927.1928, 1933.1934, 1937.1938, 1943.1944, 1947.1948, 1953.1954, 1957.1958, 1963.1964, 1967.1968, 1973.1974, 1977.1978, 1983.1984, 1987.1988, 1993.1994, 1997.1998, 2003.2004, 2007.2008, 2013.2014, 2017.2018, 2023.2024, 2027.2028, 2033.2034, 2037.2038, 2043.2044, 2047.2048, 2053.2054, 2057.2058, 2063.2064, 2067.2068, 2073.2074, 2077.2078, 2083.2084, 2087.2088, 2093.2094, 2097.2098, 2103.2104, 2107.2108, 2113.2114, 2117.2118, 2123.2124, 2127.2128, 2133.2134, 2137.2138, 2143.2144, 2147.2148, 2153.2154, 2157.2158, 2163.2164, 2167.2168, 2173.2174, 2177.2178, 2183.2184, 2187.2188, 2193.2194, 2197.2198, 2203.2204, 2207.2208, 2213.2214, 2217.2218, 2223.2224, 2227.2228, 2233.2234, 2237.2238, 2243.2244, 2247.2248, 2253.2254, 2257.2258, 2263.2264, 2267.2268, 2273.2274, 2277.2278, 2283.2284, 2287.2288, 2293.2294, 2297.2298, 2303.2304, 2307.2308, 2313.2314, 2317.2318, 2323.2324, 2327.2328, 2333.2334, 2337.2338, 2343.2344, 2347.2348, 2353.2354, 2357.2358, 2363.2364, 2367.2368, 2373.2374, 2377.2378, 2383.2384, 2387.2388, 2393.2394, 2397.2398, 2403.2404, 2407.2408, 2413.2414, 2417.2418, 2423.2424, 2427.2428, 2433.2434, 2437.2438, 2443.2444, 2447.2448, 2453.2454, 2457.2458, 2463.2464, 2467.2468, 2473.2474, 2477.2478, 2483.2484, 2487.2488, 2493.2494, 2497.2498, 2503.2504, 2507.2508, 2513.2514, 2517.2518, 2523.2524, 2527.2528, 2533.2534, 2537.2538, 2543.2544, 2547.2548, 2553.2554, 2557.2558, 2563.2564, 2567.2568, 2573.2574, 2577.2578, 2583.2584, 2587.2588, 2593.2594, 2597.2598, 2603.2604, 2607.2608, 2613.2614, 2617.2618, 2623.2624, 2627.2628, 2633.2634, 2637.2638, 2643.2644, 2647.2648, 2653.2654, 2657.2658, 2663.2664, 2667.2668, 2673.2674, 2677.2678, 2683.2684, 2687.2688, 2693.2694, 2697.2698, 2703.2704, 2707.2708, 2713.2714, 2717.2718, 2723.2724, 2727.2728, 2733.2734, 2737.2738, 2743.2744, 2747.2748, 2753.2754, 2757.2758, 2763.2764, 2767.2768, 2773.2774, 2777.2778, 2783.2784, 2787.2788, 2793.2794, 2797.2798, 2803.2804, 2807.2808, 2813.2814, 2817.2818, 2823.2824, 2827.2828, 2833.2834, 2837.2838, 2843.2844, 2847.2848, 2853.2854, 2857.2858, 2863.2864, 2867.2868, 2873.2874, 2877.2878, 2883.2884, 2887.2888, 2893.2894, 2897.2898, 2903.2904, 2907.2908, 2913.2914, 2917.2918, 2923.2924, 2927.2928, 2933.2934, 2937.2938, 2943.2944, 2947.2948, 2953.2954, 2957.2958, 2963.2964, 2967.2968, 2973.2974, 2977.2978, 2983.2984, 2987.2988, 2993.2994, 2997.2998, 3003.3004, 3007.3008, 3013.3014, 3017.3018, 3023.3024, 3027.3028, 3033.3034, 3037.3038, 3043.3044, 3047.3048, 3053.3054, 3057.3058, 3063.3064, 3067.3068, 3073.3074, 3077.3078, 3083.3084, 3087.3088, 3093.3094, 3097.3098, 3103.3104, 3107.3108, 3113.3114, 3117.3118, 3123.3124, 3127.3128, 3133.3134, 3137.3138, 3143.3144, 3147.3148, 3153.3154, 3157.3158, 3163.3164, 3167.3168, 3173.3174, 3177.3178, 3183.3184, 3187.3188, 3193.3194, 3197.3198, 3203.3204, 3207.3208, 3213.3214, 3217.3218, 3223.3224, 3227.3228, 3233.3234, 3237.3238, 3243.3244, 3247.3248, 3253.3254, 3257.3258, 3263.3264, 3267.3268, 3273.3274, 3277.3278, 3283.3284, 3287.3288, 3293.3294, 3297.3298, 3303.3304, 3307.3308, 3313.3314, 3317.3318, 3323.3324, 3327.3328, 3333.3334, 3337.3338, 3343.3344, 3347.3348, 3353.3354, 3357.3358, 3363.3364, 3367.3368, 3373.3374, 3377.3378, 3383.3384, 3387.3388, 3393.3394, 3397.3398, 3403.3404, 3407.3408, 3413.3414, 3417.3418, 3423.3424, 3427.3428, 3433.3434, 3437.3438, 3443.3444, 3447.3448, 3453.3454, 3457.3458, 3463.3464, 3467.3468, 3473.3474, 3477.3478, 3483.3484, 3487.3488, 3493.3494, 3497.3498, 3503.3504, 3507.3508, 3513.3514, 3517.3518, 3523.3524, 3527.3528, 3533.3534, 3537.3538, 3543.3544, 3547.3548, 3553.3554, 3557.3558, 3563.3564, 3567.3568, 3573.3574, 3577.3578, 3583.3584, 3587.3588, 3593.3594, 3597.3598, 3603.3604, 3607.3608, 3613.3614, 3617.3618, 3623.3624, 3627.3628, 3633.3634, 3637.3638, 3643.3644, 3647.3648, 3653.3654, 3657.3658, 3663.3664, 3667.3668, 3673.3674, 3677.3678, 3683.3684, 3687.3688, 3693.3694, 3697.3698, 3703.3704, 3707.3708, 3713.3714, 3717.3718, 3723.3724, 3727.3728, 3733.3734, 3737.3738, 3743.3744, 3747.3748, 3753.3754, 3757.3758, 3763.3764, 3767.3768, 3773.3774, 3777.3778, 3783.3784, 3787.3788, 3793.3794, 3797.3798, 3803.3804, 3807.3808, 3813.3814, 3817.3818, 3823.3824, 3827.3828, 3833.3834, 3837.3838, 3843.3844, 3847.3848, 3853.3854, 3857.3858, 3863.3864, 3867.3868, 3873.3874, 3877.3878, 3883.3884, 3887.3888, 3893.3894, 3897.3898, 3903.3904, 3907.3908, 3913.3914, 3917.3918, 3923.3924, 3927.3928, 3933.3934, 3937.3938, 3943.3944, 3947.3948, 3953.3954, 3957.3958, 3963.3964, 3967.3968, 3973.3974, 3977.3978, 3983.3984, 3987.3988, 3993.3994, 3997.3998, 4003.4004, 4007.4008, 4013.4014, 4017.4018, 4023.4024, 4027.4028, 4033.4034, 4037.4038, 4043.4044, 4047.4048, 4053.4054, 4057.4058, 4063.4064, 4067.4068, 4073.4074, 4077.4078, 4083.4084, 4087.4088, 4093.4094, 4097.4098, 4103.4104, 4107.4108, 4113.4114, 4117.4118, 4123.4124, 4127.4128, 4133.4134, 4137.4138, 4143.4144, 4147.4148, 4153.4154, 4157.4158, 4163.4164, 4167.4168, 4173.4174, 4177.4178, 4183.4184, 4187.4188, 4193.4194, 4197.4198, 4203.4204, 4207.4208, 4213.4214, 4217.4218, 4223.4224, 4227.4228, 4233.4234, 4237.4238, 4243.4244, 4247.4248, 4253.4254, 4257.4258, 4263.4264, 4267.4268, 4273.4274, 4277.4278, 4283.4284, 4287.4288, 4293.4294, 4297.4298, 4303.4304, 4307.4308, 4313.4314, 4317.4318, 4323.4324, 4327.4328, 4333.4334, 4337.4338, 4343.4344, 4347.4348, 4353.4354, 4357.4358, 4363.4364, 4367.4368, 4373.4374, 4377.4378, 4383.4384, 4387.4388, 4393.4394, 4397.4398, 4403.4404, 4407.4408, 4413.4414, 4417.4418, 4423.4424, 4427.4428, 4433.4434, 4437.4438, 4443.4444, 4447.4448, 4453.4454, 4457.4458, 4463.4464, 4467.4468, 4473.4474, 4477.4478, 4483.4484, 4487.4488, 4493.4494, 4497.4498, 4503.4504, 4507.4508, 4513.4514, 4517.4518, 4523.4524, 4527.4528, 4533.4534, 4537.4538, 4543.4544, 4547.4548, 4553.4554, 4557.4558, 4563.4564, 4567.4568, 4573.4574, 4577.4578, 4583.4584, 4587.4588, 4593.4594, 4597.4598, 4603.4604, 4607.4608, 4613.4614, 4617.4618, 4623.4624, 4627.4628, 4633.4634, 4637.4638, 4643.4644, 4647.4648, 4653.4654, 4657.4658, 4663.4664, 4667.4668, 4673.4674, 4677.4678, 4683.4684, 4687.4688, 4693.4694, 4697.4698, 4703.4704, 4707.4708, 4713.4714, 4717.4718, 4723.4724, 4727.4728, 4733.4734, 4737.4738, 4743.4744, 4747.4748, 4753.4754, 4757.4758, 4763.4764, 4767.4768, 4773.4774, 4777.4778, 4783.4784, 4787.4788, 4793.4794, 4797.4798, 4803.4804, 4807.4808, 4813.4814, 4817.4818, 4823.4824, 4827.4828, 4833.4834, 4837.4838, 4843.4844, 4847.4848, 4853.4854, 4857.4858, 4863.4864, 4867.4868, 4873.4874, 4877.4878, 4883.4884, 4887.4888, 4893.4894, 4897.4898, 4903.4904, 4907.4908, 4913.4914, 4917.4918, 4923.4924, 4927.4928, 4933.4934, 4937.4938, 4943.4944, 4947.4948, 4953.4954, 4957.4958, 4963.4964, 4967.4968, 4973.4974, 4977.4978, 4983.4984, 4987.4988, 4993.4994, 4997.4998, 5003.5004, 5007.5008, 5013.5014, 5017.5018, 5023.5024, 5027.5028, 5033.5034, 5037.5038, 5043.5044, 5047.5048, 5053.5054, 5057.5058, 5063.5064, 5067.5068, 5073.5074, 5077.5078, 5083.5084, 5087.5088, 5093.5094, 5097.5098, 5103.5104, 5107.5108, 5113.5114, 5117.5118, 5123.5124, 5127.5128, 5133.5134, 5137.5138, 5143.5144, 5147.5148, 5153.5154, 5157.5158, 5163.5164, 5167.5168, 5173.5174, 5177.5178, 5183.5184, 5187.5188, 5193.5194, 5197.5198, 5203.5204, 5207.5208, 5213.5214, 5217.5218, 5223.5224, 5227.5228, 5233.5234, 5237.5238, 5243.5244, 5247.5248, 5253.5254, 5257.5258, 5263.5264, 5267.5268, 5273.5274, 5277.5278, 5283.5284, 5287.5288, 5293.5294, 5297.5298, 5303.5304, 5307.5308, 5313.5314, 5317.5318, 5323.5324, 5327.5328, 5333.5334, 5337.5338, 5343.5344, 5347.5348, 5353.5354, 5357.5358, 5363.5364, 5367.5368, 5373.5374, 5377.5378, 5383.5384, 5387.5388, 5393.5394, 5397.5398, 5403.5404, 5407.5408, 5413.5414, 5417.5418, 5423.5424, 5427.5428, 5433.5434, 5437.5438, 5443.5444, 5447.5448, 5453.5454, 5457.5458, 5463.5464, 5467.5468, 5473.5474, 5477.5478, 5483.5484, 5487.5488, 5493.5494, 5497.5498, 5503.5504, 5507.5508, 5513.5514, 5517.5518, 5523.5524, 5527.5528, 5533.5534, 5537.5538, 5543.5544, 5547.5548, 5553.5554, 5557.5558, 5563.5564, 5567.5568,	