

AUSTIN - 4M

FLORIDA DESIGN CRITERIA

REVISED 05-03-07

BUILDING DATA

FLORIDA BUILDING CODE 2004 : RESIDENTIAL, 2005 and 2006 SUPPLEMENT
FLORIDA BUILDING CODE 2004 : PLUMBING, 2005 and 2006 SUPPLEMENT
FLORIDA BUILDING CODE 2004 : MECHANICAL, 2005 and 2006 SUPPLEMENT
FLORIDA BUILDING CODE 2004 : FUEL GAS, 2005 and 2006 SUPPLEMENT

NATIONAL ELECTRICAL CODE 2005

STRUCTURAL DESIGN PARAMETERS: ASCE 7-2002 (PER FRC 2004 : SECTION R301.2.1.1)

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: $G_{Cp} = +/- 0.18$

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 R320.1.8)

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 R61.3)

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-BORNE DEBRIS SHALL MEET THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTM E 1996 AND OF ASTM E 1886, SST D 12, ANSI/DASMA 115 (FOR GARAGE DOORS) OR TAS201, 202 AND 203. (FRC 2004, SECTION R301.2.1.2)

INDEX OF DRAWINGS

SHEET NO.	TITLE
ARCH - ARCHITECTURALS	
0	COVER SHEET
1	EXTERIOR ELEVATIONS
2	FOUNDATION PLAN
3	FLOOR PLAN
WL	WINDOW & LINTEL SCHEDULE
3A	INTERIOR ELEVATIONS AND DETAILS
CSU	BUILDING SECTION [AS REQ'D]
RSI	ROOF SHEATHING
MIPS - ROOF TRUSS ENGINEERING	
TRI	ROOF TRUSS INFO
MECH - ELECTRICAL	
ELI	ELECTRICAL FIRST FLOOR
ELA	ELECTRICAL DETAILS / LOAD CALCS
MECH - HVAC	
HVA	HVAC REGISTER LAYOUT
ISO-H	HVAC ISOMETRIC
MECH - PLUMBING	
FPI	PLUMBING UNDERGROUND PLAN
ISO-P	DWV PLUMBING ISOMETRIC
ISO-W	C/PVC 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

REVISIONS :

1/10/06 RELEASE FOR PRODUCTION

08-14-07 REV. CODE INFORMATION

Maronda Homes

COPYRIGHT © 2005 MARONDA HOMES

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

9TM02101 JAX
21-1 9TM

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004 : RESIDENTIAL AND 2005, 2006 SUPPLEMENT OR 125 MPH WIND SPEED. ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS.

PA1N10886_0510101M125V101M1251000

AMERICANA COVER SHEET

AUSTIN 4

ELEVATION "M"

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 04-04-06 125 MPH

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

Elmer Bergman, P.E.
License No. 50158

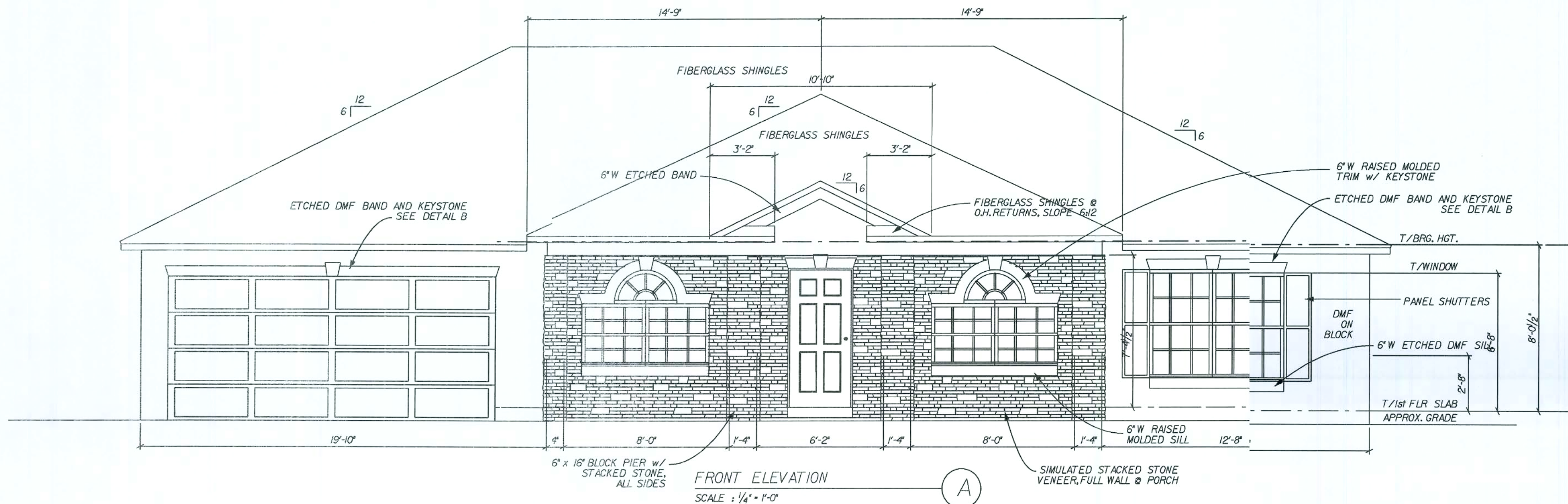
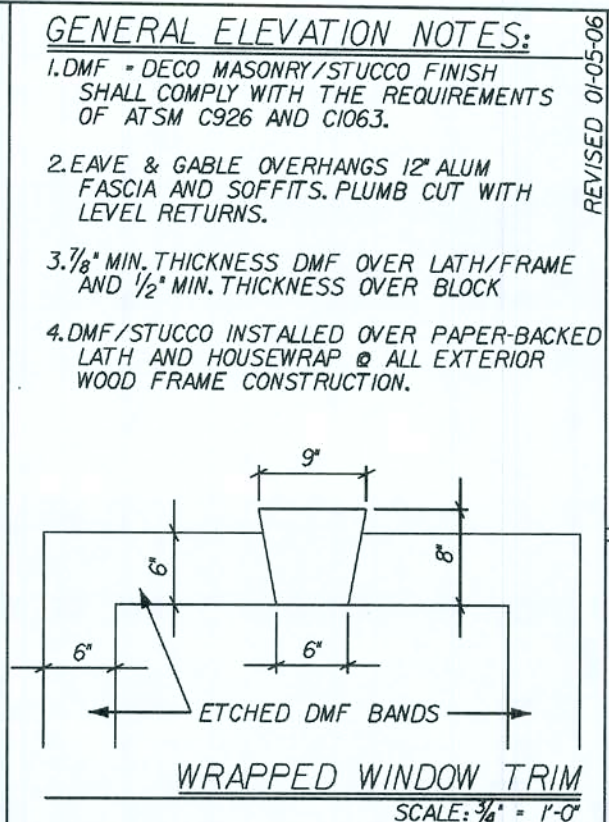
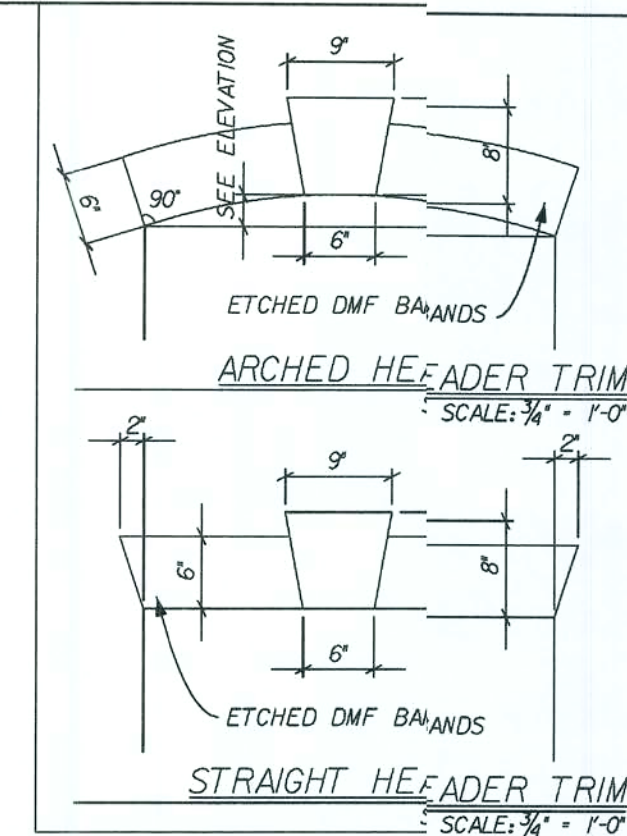
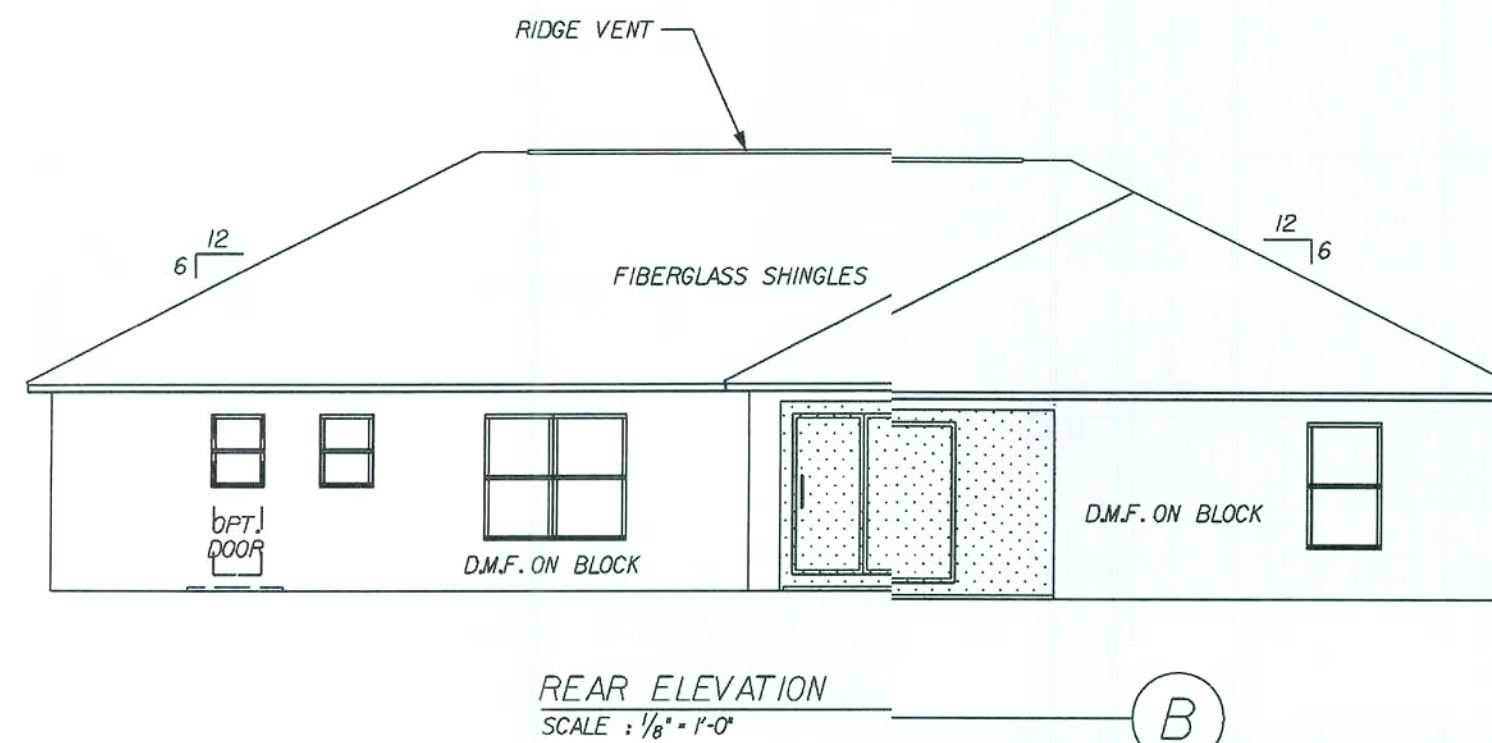
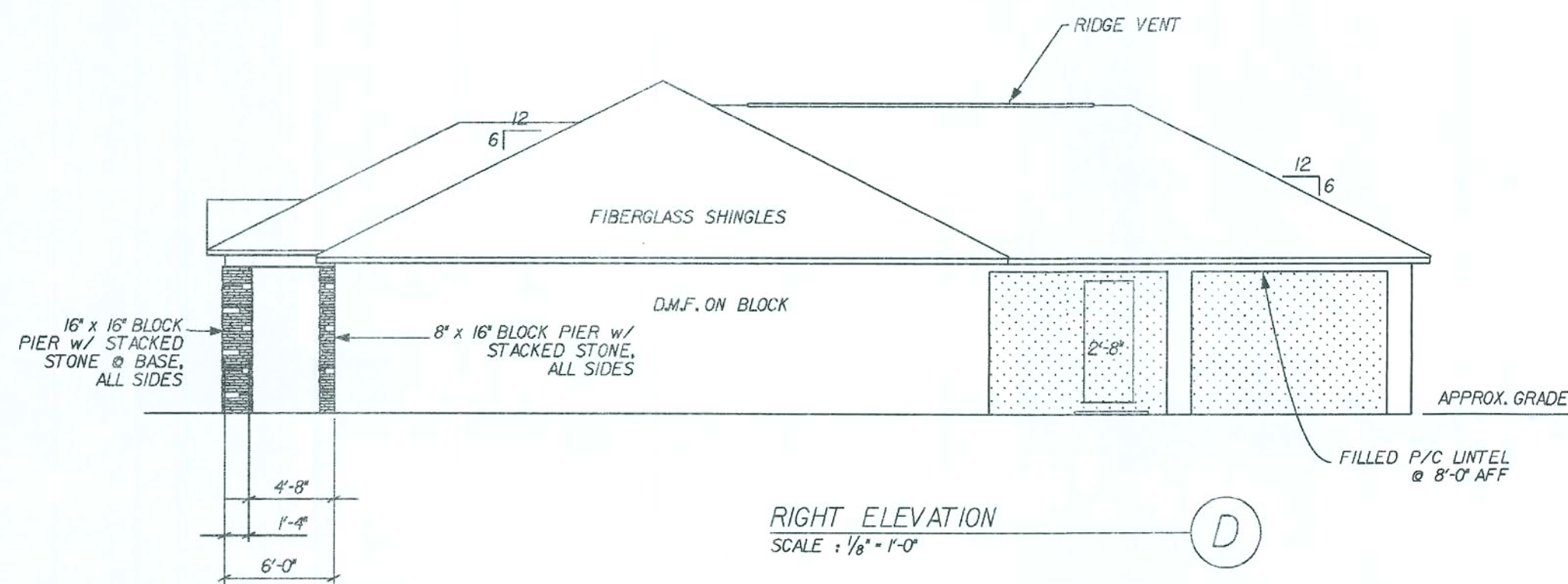
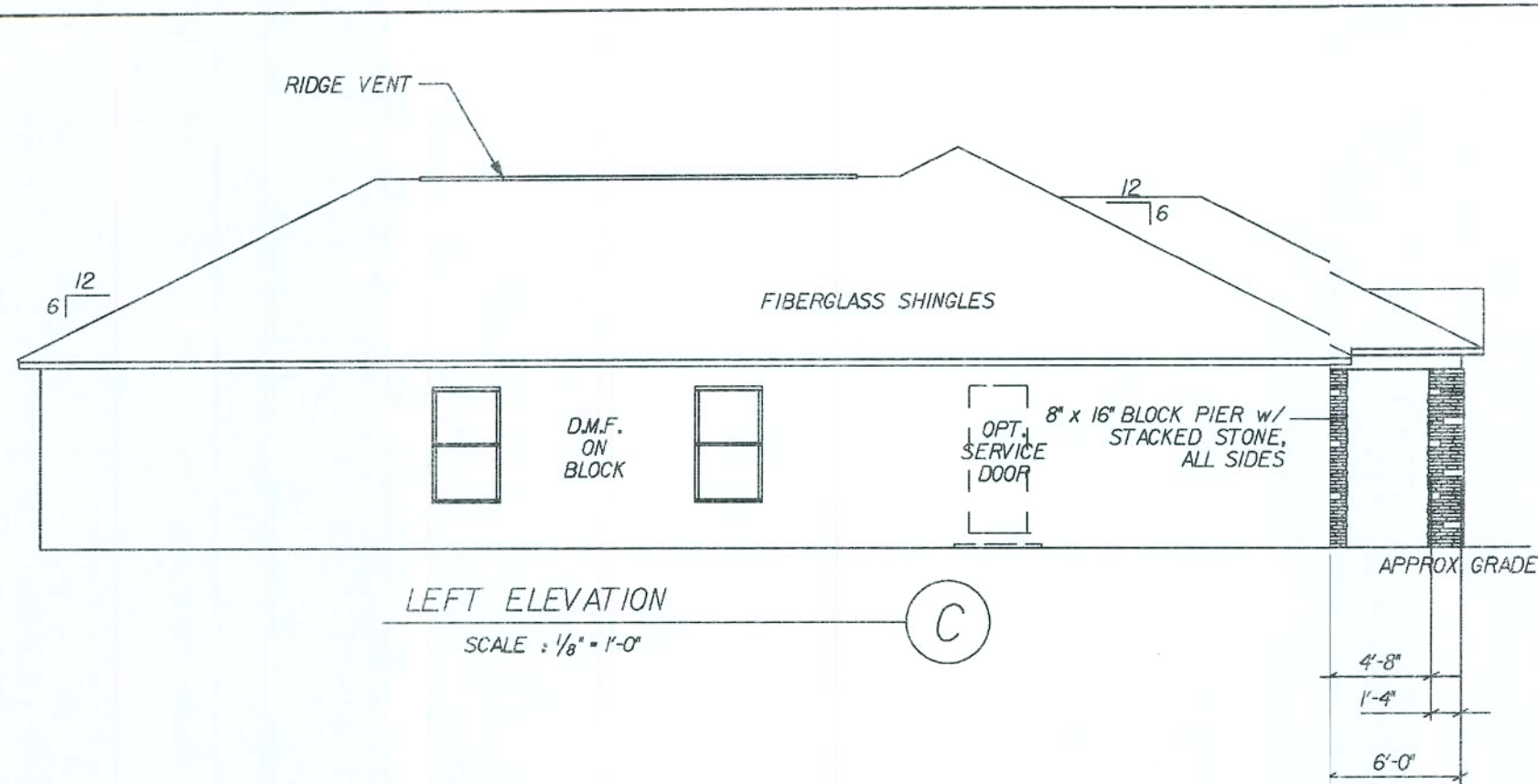
MAY 12 2008

SHEET:

Om

PLOT DATE: 06 MAY 2008

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



AMERICANA		EXT. ELEVATIONS	
AUSTIN 4			
ELEVATION "M"		LEFT	
DRAWN BY:		GARAGE:	
RELEASE DATE:		04-04-06	
Maronda Systems 4005 Maronda Way Sanford, FL 32771 (407)321-0064 Elmer Bergman, P.E. License No. 50158 MAY 12 2008			
SHEET:			
1m			
REVISIONS: 12-14-06 ADD GLASS TO PORCH DOOR 11-01-07 REV. RAISED MOLDED TRIM NOTE REVISED 01-05-06			
COPYRIGHT © 2005 MARONDA HOMES FLORIDA THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) 2006 SUPPLEMENT 4005 MARONDA WAY SANFORD, FL 32771 407 321-0064 PLT DATE: 06 MAY 2008			

GENERAL FOUNDATION NOTES:

ALL FOOTING REBAR SHALL BE CONTINUOUS (2)*5 BARS GRADE 40 STEEL W/ 3' MIN. COVERAGE, U.N.O.

ALL VERTICAL REBAR, DOWN REBAR, DOWEL REBAR AND BOND BEAM REINFORCEMENT SHALL BE #5 BARS GRADE 40 STEEL

PLUMBING PASSING UNDER OR THROUGH A FOOTING SHALL BE ENCASED IN A PIPE TWO (2) SIZES LARGER THAN THE PLUMBING PIPE.

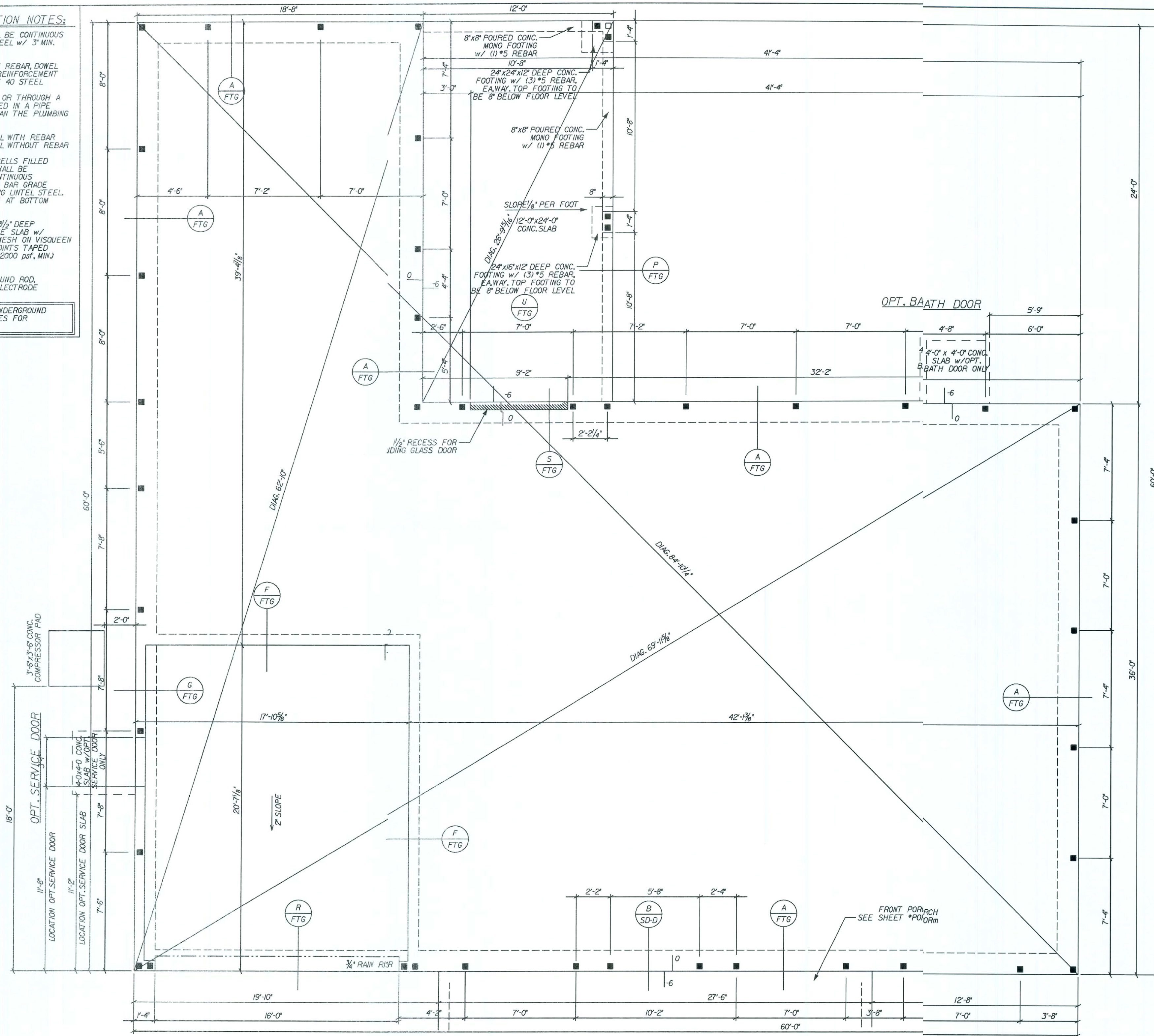
■ INDICATES FILLED CELL WITH REBAR
□ INDICATES FILLED CELL WITHOUT REBAR

ALL CONCRETE GROUTED CELLS FILLED W/ 3000 PSI CONCRETE SHALL BE CLEAR UNOBSTRUCTED CONTINUOUS 3' x 3' MIN. CELLS W/ (1)*5 BAR GRADE 40 STEEL TIED AT FOOTING UNTEL STEEL. PROVIDE INSPECTION HOLE AT BOTTOM OF GROUTED CELL STACK.

TYPICAL CONCRETE SLAB: 3 1/2" DEEP POURED 2500 PSI CONCRETE SLAB W/ 6x6 10' WIRE OR FIBER MESH ON VISQUEEN VAPOR BARRIER W/ ALL JOINTS TAPED OVER CLEAN COMPACTED (2000 PSI, MIN.) TERMITE TREATED FILL.

FOR INSTALLATION OF GROUND ROD, SEE TYP. CONC. ENCASED ELECTRODE DETAIL SHEET *FTG

SEE DRAWING *FPI FOR UNDERGROUND PLUMBING AND MECH. CHASES FOR LOCATIONS



REVISIONS: 04-24-06 REVISED NOTE AT GARAGE DOOR 06-20-06 ADDED DOOR PAN DETAIL MARKER	
AMERICANA FOUNDATION PLAN AUSTIN 4 ELEVATION "M" DRAWN BY: GARAGE: LEFT RELEASE DATE: 04-04-06 125 MPH	
Maronda Systems 4005 Maronda Way Sanford, FL 32771 (407)321-0064	
Elmer Bergman, P.E. License No. 50158 MAY 12 2008	
SHEET: 2m	
FLORIDA BUILDING CODE 2004 : RESIDENTIAL	

NOTE 1) 1/2 WIDE: 2 FASTENERS IN HEADER-JAMB
NOTE 2) 2 WIDE: 2 FASTENERS IN HEADER-JAMB
NOTE 3) 3 WIDE: 3 FASTENERS IN HEADER-JAMB
NOTE 4) 2 HIGH: 2 FASTENERS IN E.A. SIDE JAMB
NOTE 5) 3,4 OR 5 HIGH: 3 FAST. E.A. SIDE JAMB
NOTE 6) 6 HIGH 2 3/4": 4 FASTENERS IN EACH SIDE JAMB
NOTE 7) 438 WINDOW INTO FRAME OPENING: *10 X 1 3/4"
SCREWS
NOTE 8) SGD FASTENED WITH: *10 1 3/4": PANHEAD ALL HOLES
SILLS 3/4" X 1 3/4" ANCHORS EVERYHOLE

F.O.WIDTH IS FROM JACK TO SILL.
F.O.HEIGHT IS FROM SILL TO BEAM.
M.O.WIDTH IS FROM BLOCK TO BLOCK.
M.O.HEIGHT IS FROM LIP OF SILL TO PRECAST.
1st.DIMENTION IS ALWAYS WIDTH.
UNIT OF MEASURE IS INCH.

SCHEDULES FOR NORANDEX
WINDOW FASTENERS AND
CAST-CRETE LINTELS
AS SHOWN, ARE TAKEN
DIRECTLY FROM TABLES
SUPPLIED BY THE RESPECTIVE
MANUFACTURERS, AND ARE
PROVIDED FOR CONVENIENCE ONLY.

SIZE	M.O.	FAST.		SIZE	M.O.	FAST.
6068	75 $\frac{1}{2}$ X 81 $\frac{3}{4}$	8		6080	75 $\frac{1}{2}$ X 97 $\frac{3}{4}$	8

SIZE	SINGLE M.O.	FAST.	DOUBLE M.O.	FAST.	SIZE	SINGLE F.O.	FAST.	DOUBLE F.O.	FAST.
25	37 ³ / ₄ X 63	2.5	74 ³ / ₄ X 63	2.5					
1H2	27 ¹ / ₄ X 26	1.4							

SIZE	SINGLE M.O.	FAST.
(2) 23 w/ 3'-0" CT	74 ³ / ₄ X 59 ³ / ₈	25.7

LUNTEL NO.	LENGTH	TYPE	APPLIED LOADS (PLF)		SAFE LOADS		COMMENT
			GRAVITY	UPLIFT	GRAVITY	UPLIFT	
1	4'-6"	8RU14-0B/IT	617	566	1494	2525	RECESSED
2	7'-6"	8RF14-0B/IT	617	566	2459	1462	RECESSED
3	7'-6"	8FI6-0B/IT	1005	577	2632	1634	
4	4'-6"	8FI6-0B/IT	617	566	2931	2724	-
5	4'-6"	8UI6-0B/IT	617	566	1559	2724	-
6	7'-6"	8FI6-0B/IT	617	566	2632	1634	-
7	7'-6"	8FI6-0B/IT	617	566	2632	1634	-
8	4'-6"	8RU14-0B/IT	685	167	1494	2525	RECESSED
9	4'-6"	8UI6-0B/IT	209	283	1559	2724	-
10	4'-6"	8UI6-0B/IT	288	378	1559	2724	-
11	4'-6"	8UI6-0B/IT	209	283	1559	2724	-
12	17'-4"	8F20-1B/2T	620	580	1326	732	GARAGE DOOR
13	7'-6"	8RF14-0B/IT	617	566	2459	1462	RECESSED
S1	4'-6"	8UI6-0B/IT	209	283	1599	2724	Ø OPT. GARAGE SERVICE DR.
B1	4'-6"	8RU14-0B/IT	617	566	1494	2525	Ø OPT. BATH DOOR
P1	12'-0"	8F8-0B/IT	168	261	540	470	Ø OPT. PORCH
P2	12'-0"	8F8-0B/IT	168	261	540	470	Ø OPT. PORCH
P3	12'-0"	8F8-0B/IT	105	283	540	470	Ø OPT. PORCH
P4	6'-0"	8F8-0B/IT			540	470	Ø FRT. PORCH
P5	10'-0"	8F8-0B/IT			540	470	Ø FRT. PORCH
P6	7'-6"	8F8-0B/IT			540	470	Ø FRT. PORCH
P7	10'-0"	8F8-0B/IT			540	470	Ø FRT. PORCH
P8	6'-0"	8F8-0B/IT			540	470	Ø FRT. PORCH

REVISÉ 04-02-07

1. f'c post lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c cut = 3000 psi w/ maximum 7% aggregate.
4. Concrete masonry units (CMU) per AS4 C90 w/minimum net area compressive strength = 1900 psi.
5. Rebar provided In precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
6. Prestressing strand per ASTM A416 grad 270 low relaxation.
7. 7/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

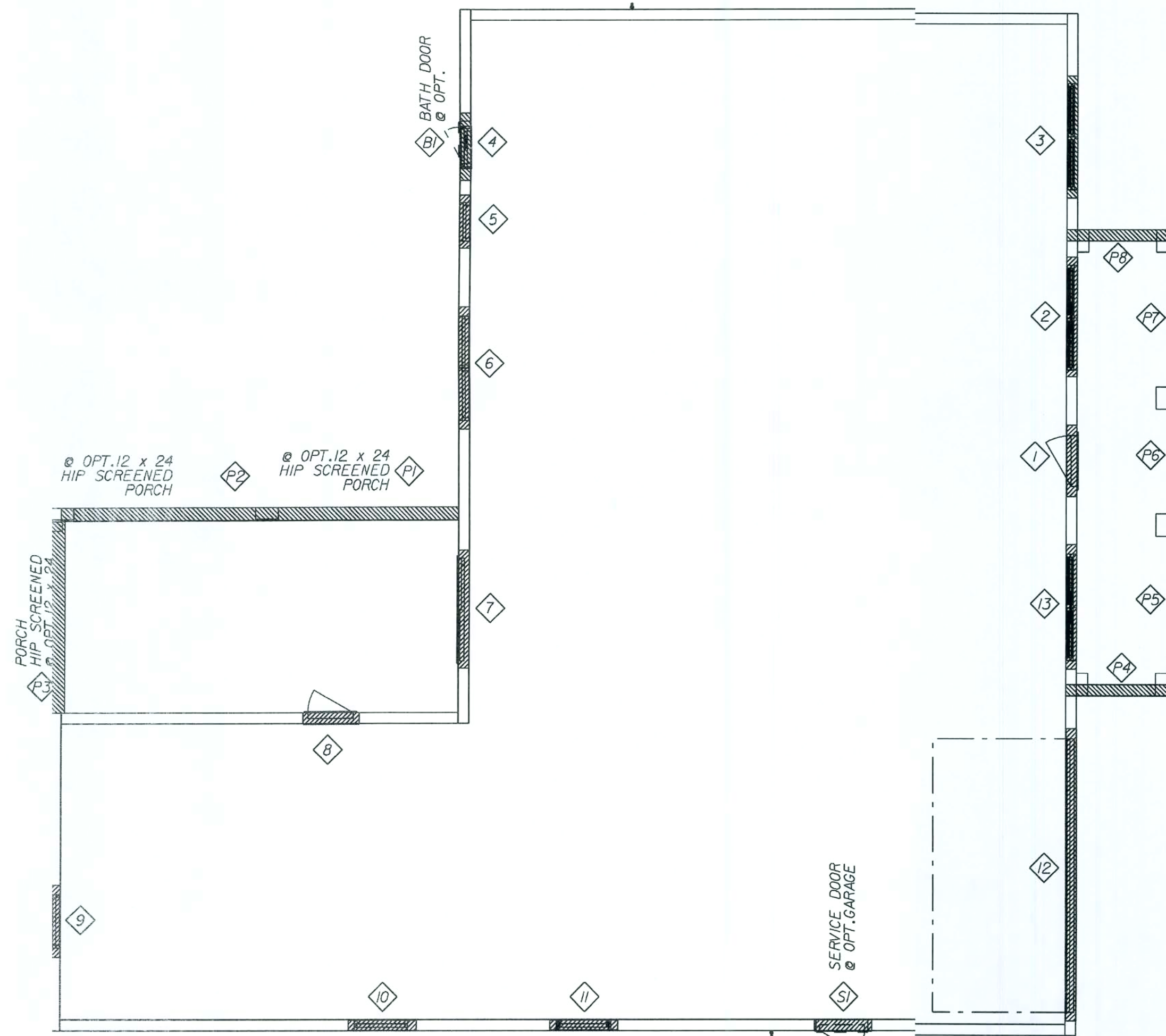
The diagram illustrates a cross-section of a Uintel Cavity Wall. The wall consists of two vertical leaves separated by a Uintel Cavity. The top of the wall is finished with a concrete slab. Reinforcement details are as follows:

- Top Reinforcement:** 5 #5 REBAR AT TOP MIN.(1) REQ'D. This bar is bent down into the cavity at a distance of 2 1/2' TO BOTTOM OF BAR.
- Bottom Reinforcement:** 5 #5 REBAR AT BOTTOM OF UINTEL CAVITY.
- Intermediate Reinforcement:** 7-5/8" ACTUAL (VARIES) bars are provided in the Uintel Cavity.
- Grout:** GROUT is applied to the bottom of the Uintel Cavity.
- Dimensions:**
 - 19-1/8" ACTUAL:** Total height of the wall section.
 - 18" NOMINAL HEIGHT:** Height of the Uintel Cavity.
 - 8-5/8" ACTUAL (VARIES):** Width of the Uintel Cavity.
 - NOMINAL WIDTH:** Width of the wall leaves.
- Labels:** F= FILLED WITH GROUT / U = UN-FILLED, C.M.W. (Concrete Masonry Wall).

Diagram illustrating the cross-section of a U-shaped lintel (8F16-1B/IT) with dimensions and labels:

- Dimensions:**
 - Nominal Width: 8"
 - Nominal Height: 16"
 - Actual Height: 15-5/8"
 - Actual Width: 7-5/8"
- Labels and Notes:**
 - F** = FILLED WITH GROUT / **U** = UNFILLED
 - QUANTITY OF #5 REBAR AT BOTTOM OF BOND BEAM
 - QUANTITY OF #5 REBAR AT 2/8" FROM TOP OF BOND BEAM
 - NOMINAL HEIGHT
 - NOMINAL WIDTH
 - #5 REBAR AT TOP MIN. (U) REQ'D 2-1/2" TO BOTTOM OF REBAR
 - C.M.U.
 - GROUT
 - #5 REBAR AT BOTTOM OF UNTEL CAVITY WHEN CALLED FOR ON FLOOR PLAN
 - BOTTOM REINFORCING PROVIDED IN UNTEL (VARIES)

REVISÉ 12/29/04



COPYRIGHT © 2005 MARONDA HOMES
 (407) 321-0064 4005 MARONDA WAY SANFORD FLORIDA

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF SECTION R301 OF THE FLORIDA BUILDING CODE 2004 ; RESIDENTIAL AND 2005, 2006 SUPPLEMENT FOR 125 MPH - 3 SEC. GUST, I-1D, EXPOSURE B, ENCLOSED BUILDING. ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS.

p:\f\houses_05\aus4\4V25\aus4-m-125r.wll

AMERICANA	WINDOW/LINTEL
-----------	---------------

AUSTIN 4

ELEVATION "M"	
	GARAGE: LEFT

	GARAGE: LEFT
--	--------------

DATE: 09-01-04

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


Elmer Bergman, P.E.
License No. 50158

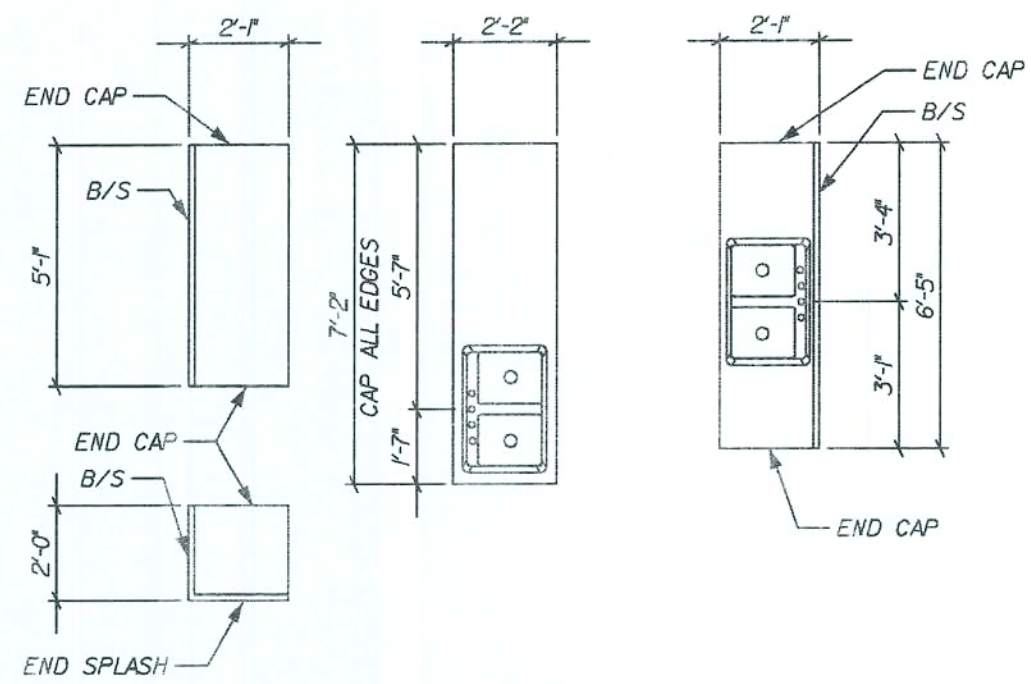
MAY 12 2008

SHEET:

W L / m

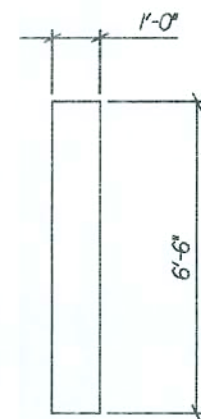
PLOT DATE: 06 MAY 2008

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



KITCHEN COUNTER TOP PLAN

FOR COUNTER TOP CONSTRUCTION ONLY. NOT FOR FIELD USE

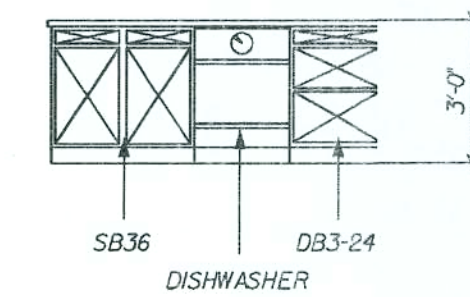


KITCHEN BAR TOP PLAN

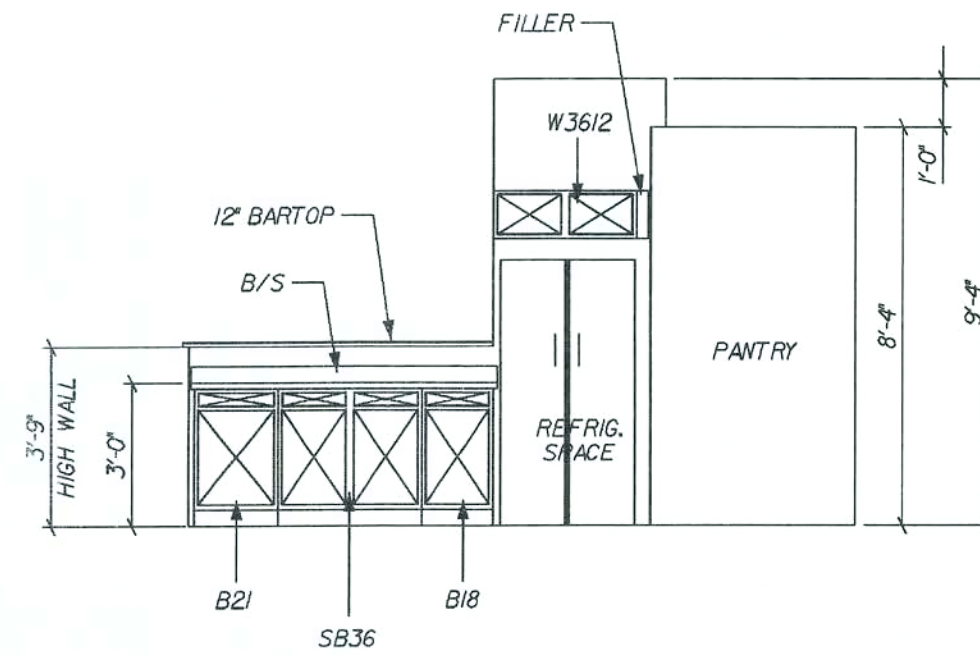
FOR COUNTER TOP CONSTRUCTION ONLY. NOT FOR FIELD USE

ON REAR FACE OF ISLAND CANETS
INSTALL 1/4" VENEER PANEL OR
1/4" PLYWOOD BACKER w/ (2) OUTSIDE
CORNER PEICES.

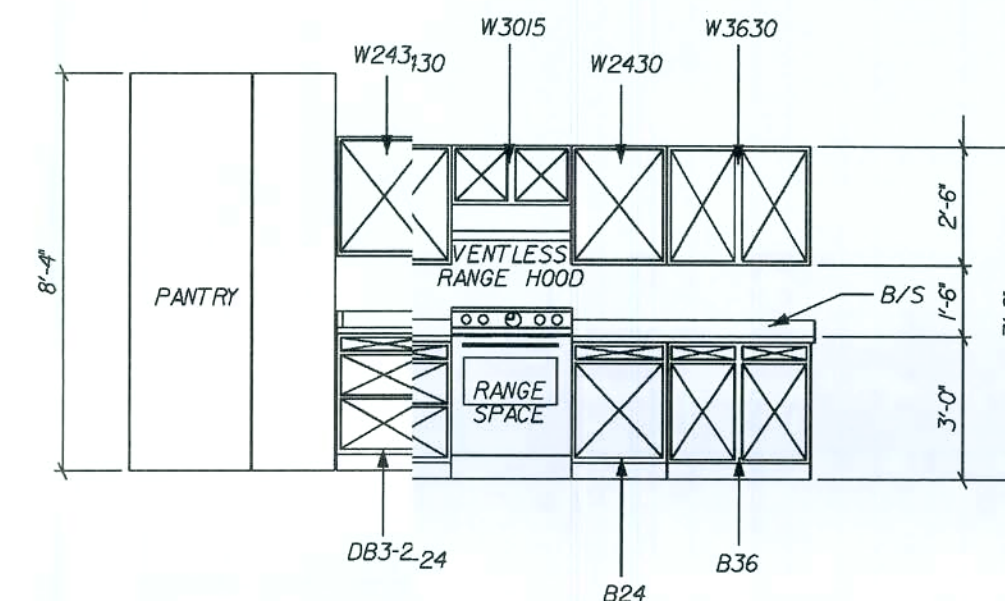
ISLAND > 48" ADD (1) BATTON MOLDING
AT PANEL JOINT



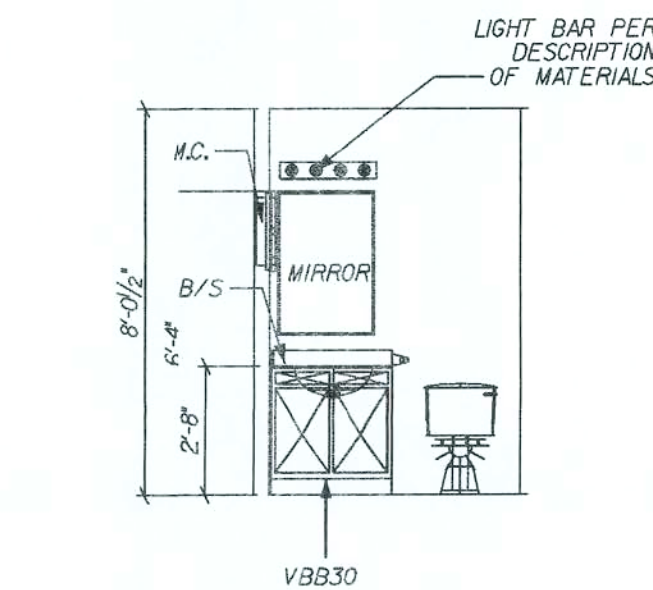
(C) KITCHEN ELEVATION



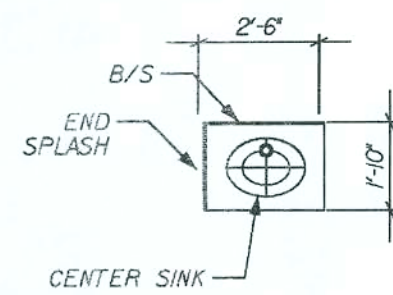
(B) KITCHEN ELEVATION



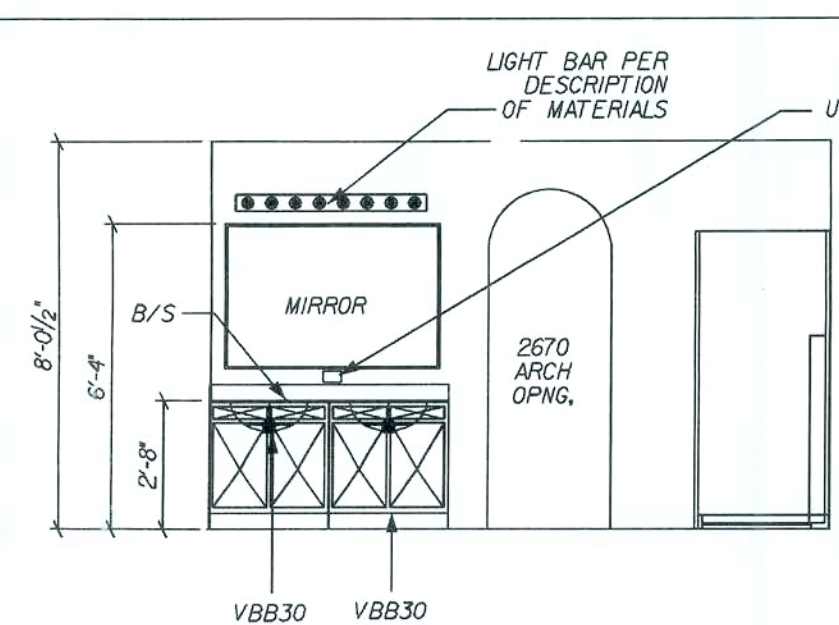
(A) KITCHEN ELEVATION



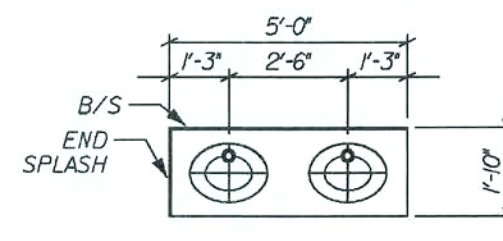
(E) HALL BATH VANITY



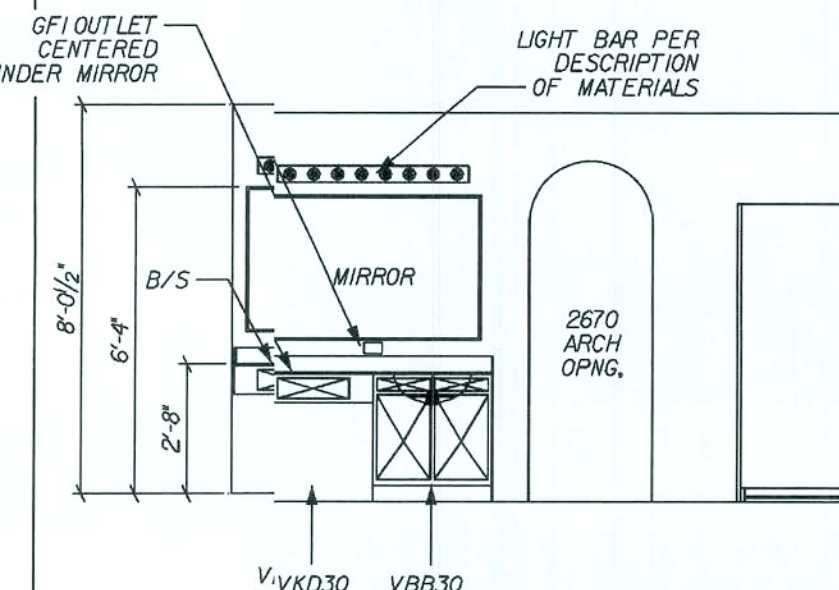
STANDARD LAV. TOP
HALL BATH VANITY



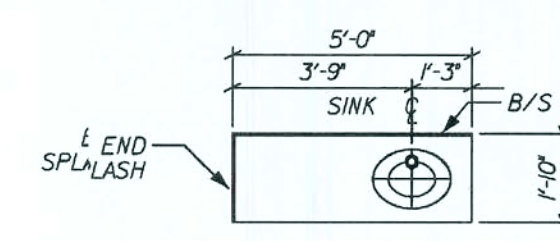
(D) OPTIONAL DBL. SINK -
MASTER BATH VANITY



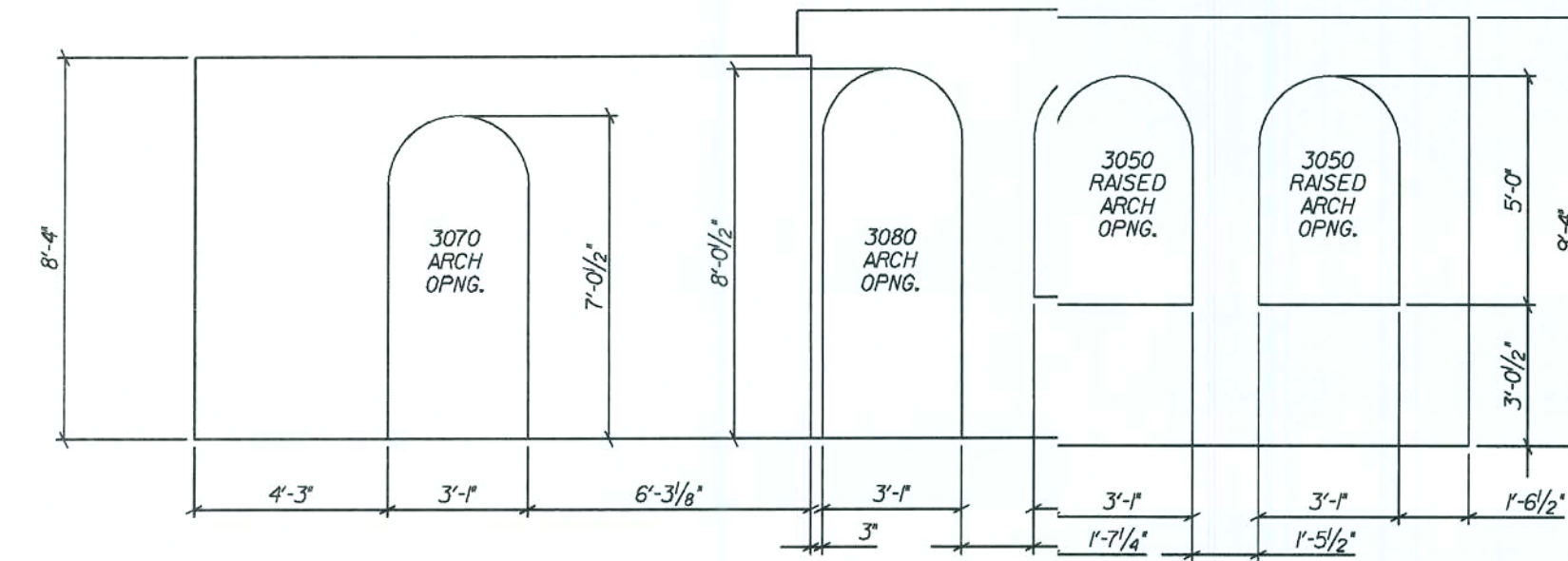
OPT. DBL. SINK LAV. TOP
MASTER BATH VANITY



(D1) STANDARD
MASTER BATH VANITY



STANDARD LAV. TOP
MASTER BATH VANITY



(F) LIVING/DINING ROOM
ARCH ELEVATION

REVISIONS :
01-08-07 REV. BASE CABINET & RANGE

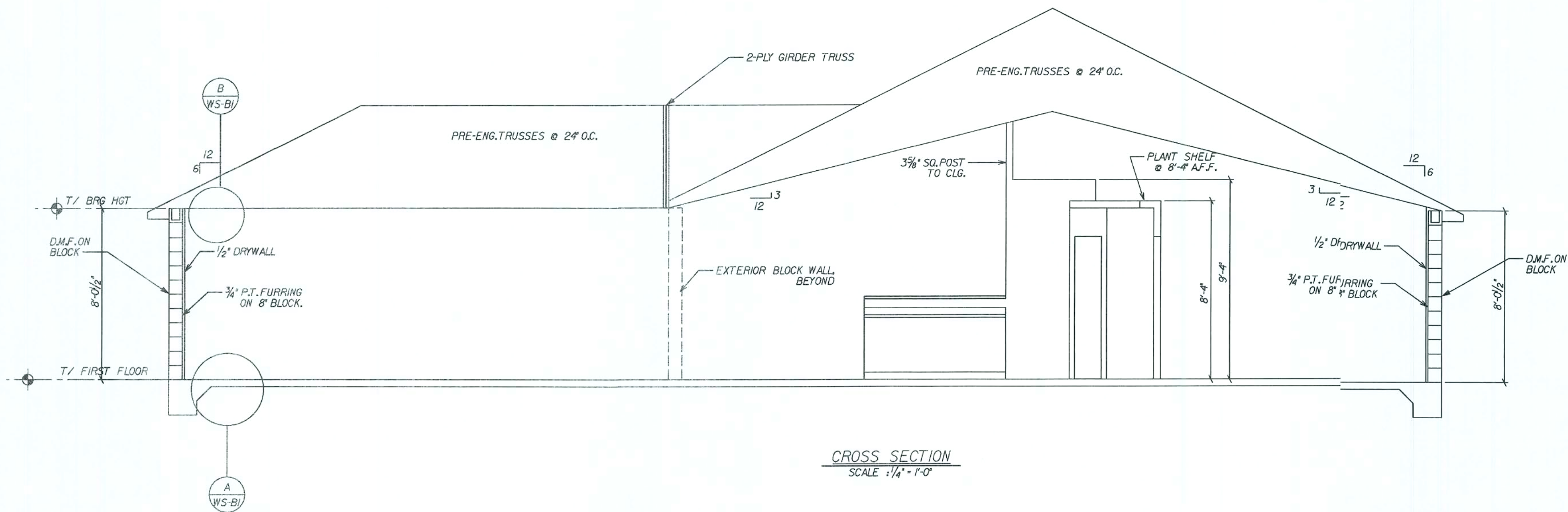
Maronda Homes
FLORIDA
4005 MARONDA WAY SANFORD, FLORIDA 32711-3210-0064

AMERICANA INT. ELEVATIONS
AUSTIN 4

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 10-18-04

SHEET:
3A



CROSS SECTION
SCALE: 1/4" = 1'-0"

REVISIONS:

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

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004: RESIDENTIAL AND 2005 SUPPLEMENT

09/15/03 05/05/04/10/18/04/10/18/04

AMERICANA BLD. CROSS SECTION

AUSTIN 4

ALL ELEVATIONS

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 10-18-04

09/15/03

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

Elmer Bergman
Elmer Bergman, P.E.
License No. 50158

MAY 12 2008

SHEET:

CSU

PLOT DATE: 06 MAY 2008

VENTILATION OF ATTIC SPACE: AUSTIN 4M

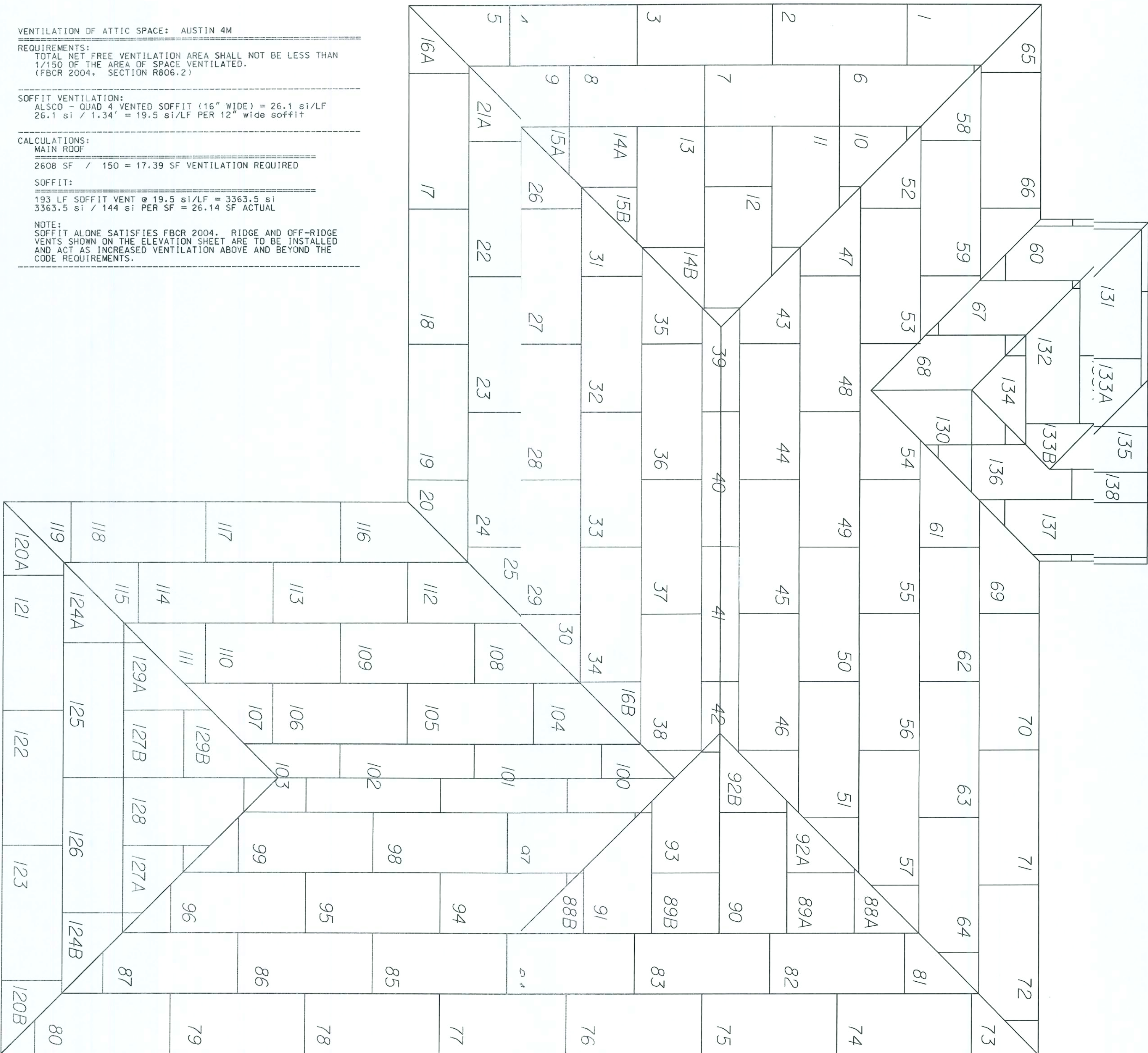
REQUIREMENTS:
TOTAL NET FREE VENTILATION AREA SHALL NOT BE LESS THAN
1/150 OF THE AREA OF SPACE VENTILATED.
(FBCR 2004, SECTION R806.2)

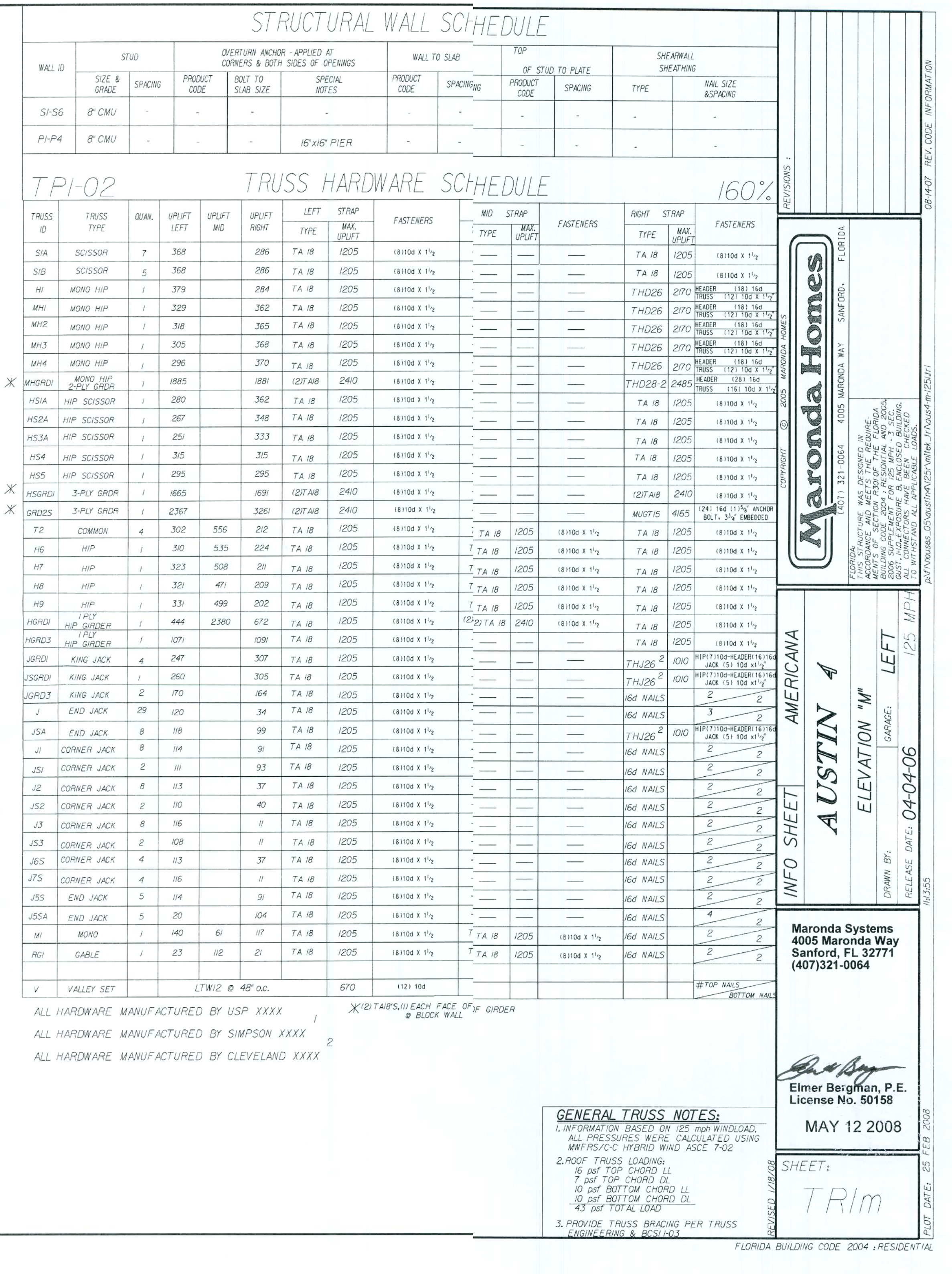
SOFFIT VENTILATION:
ALSCO - QUAD 4 VENTED SOFFIT (16" WIDE) = 26.1 si/LF
26.1 si / 1.34' = 19.5 si/LF PER 12" wide soffit

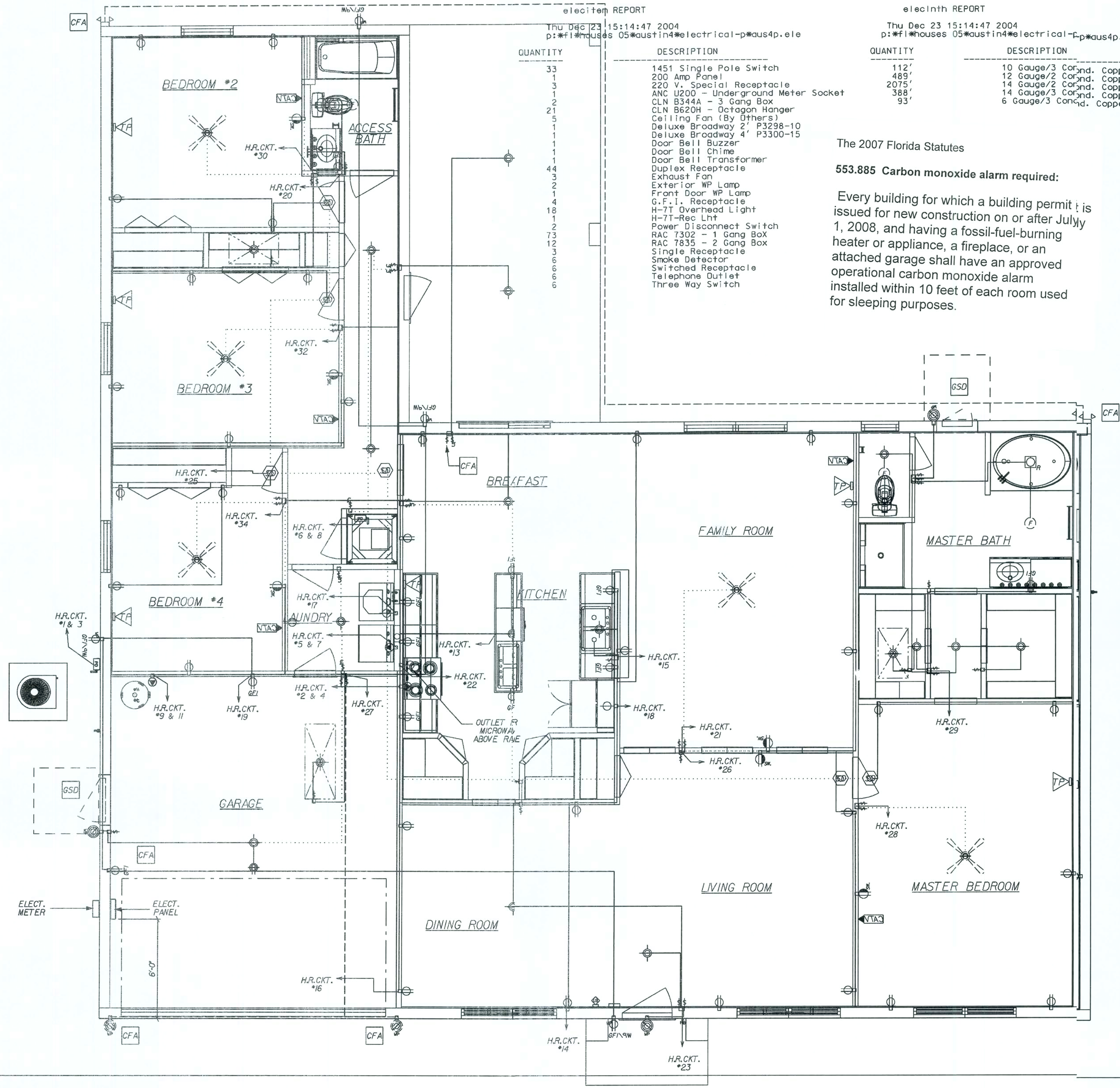
CALCULATIONS:
MAIN ROOF
2608 SF / 150 = 17.39 SF VENTILATION REQUIRED

SOFFIT:
193 LF SOFFIT VENT @ 19.5 si/LF = 3363.5 si
3363.5 si / 144 si PER SF = 26.14 SF ACTUAL

NOTE:
SOFFIT ALONE SATISFIES FBCR 2004. RIDGE AND OFF-RIDGE
VENTS SHOWN ON THE ELEVATION SHEET ARE TO BE INSTALLED
AND ACT AS INCREASED VENTILATION ABOVE AND BEYOND THE
CODE REQUIREMENTS.







elecitem REPORT	
Thu Dec 23 15:14:47 2004	
p:\fl\houses 05\Austin4\electrical-p\aus4p.ele	
QUANTITY	DESCRIPTION
33	1451 Single Pole Switch
1	200 Amp Panel
1	220 V. Special Receptacle
1	ANC U200 - Underground Meter Socket
21	CLN B344A - 3 Gang Box
5	CLN B620H - Octagon Hanger
1	Ceiling Fan (By Others)
1	Deluxe Broadway 2' P3298-10
1	Deluxe Broadway 4' P3300-15
1	Door Bell Buzzer
1	Door Bell Chime
1	Door Bell Transformer
44	Duplex Receptacle
2	Exhaust Fan
1	Exterior WP Lamp
4	Front Door WP Lamp
18	G.F.I. Receptacle
1	H-7T Overhead Light
2	H-7T-Rec Lht
73	Power Disconnect Switch
12	RAC 7302 - 1 Gang Box
3	RAC 7835 - 2 Gang Box
6	Single Receptacle
6	Smoke Detector
6	Switched Receptacle
6	Telephone Outlet
6	Three Way Switch

elecint REPORT	
Thu Dec 23 15:14:47 2004	
p:\fl\houses 05\Austin4\electrical-p\aus4p.ele	
QUANTITY	DESCRIPTION
112'	10 Gauge/3 Cond. Copper
489'	12 Gauge/2 Cond. Copper
2075'	14 Gauge/2 Cond. Copper
388'	14 Gauge/3 Cond. Copper
93'	6 Gauge/3 Cond. Copper

The 2007 Florida Statutes

553.885 Carbon monoxide alarm required:

Every building for which a building permit is issued for new construction on or after July 1, 2008, and having a fossil-fuel-burning heater or appliance, a fireplace, or an attached garage shall have an approved operational carbon monoxide alarm installed within 10 feet of each room used for sleeping purposes.

GENERAL ELECTRICAL NOTES:

CIRCUITRY IS DIAGRAMATIC ONLY, FIELD CONDITIONS MAY CHANGE ACTUAL INSTALLATION

PROVIDE AFCIs (arc-fault circuit interrupters) IN ALL DWELLING UNIT BEDROOMS PER NEC, SECTION 210.12

SMOKE DETECTORS ARE INSTALLED PER MFG. INSTRUCTIONS AND NFPA 72, ALL DEVICES SHALL BE INTERCONNECTED WITH BATTERY BACK-UP.

FOR INSTALLATION OF GROUND ROD, SEE TYP. CONC. ENCASED ELECTRODE DETAIL SHEET * FTG

LIST OF OPTIONS:	
CFA	OPTIONAL COACH LIGHTS, (2) FLOOD LIGHTS AT REAR AND GARAGE OUTLET REVISED 11-18-05
GSD	OPTIONAL DOOR LIGHT REVISED 11-18-05

ELECTRICAL SYMBOL LEGEND:		
REGULAR TEXT	REVERSE TEXT	DESCRIPTION
[Symbol]	[Symbol]	Power Disconnect Switch
[Symbol]	[Symbol]	Door Bell Chime
[Symbol]	[Symbol]	Door Bell Buzzer
[Symbol]	[Symbol]	Ceiling Fan (By Others)
[Symbol]	[Symbol]	Smoke Detector
[Symbol]	[Symbol]	Light Fixture Bath
[Symbol]	[Symbol]	Exterior WP Lamp
[Symbol]	[Symbol]	Single Pole Switch
[Symbol]	[Symbol]	Three Way Switch
[Symbol]	[Symbol]	Single Receptacle
[Symbol]	[Symbol]	Duplex Receptacle
[Symbol]	[Symbol]	GFI Receptacle
[Symbol]	[Symbol]	Switched Receptacle
[Symbol]	[Symbol]	220 V. Special Receptacle
[Symbol]	[Symbol]	Ceiling Ltg. Fixture
[Symbol]	[Symbol]	Recessed Ltg. Fixture
[Symbol]	[Symbol]	Exhaust Fan
[Symbol]	[Symbol]	Cable TV
[Symbol]	[Symbol]	Telephone Outlet
[Symbol]	[Symbol]	Flood Lights
[Symbol]	[Symbol]	Exhaust Fan / Light Combo

REVISIONS:

02-03-06	REVISED MASTER BATH LIGHT
----------	---------------------------

Maronda Homes

FLORIDA
4005 MARONDA WAY SANFORD, FL 32783
(407) 321-0064

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004'S RESIDENTIAL AND 2008 SUPPLEMENT

AMERICANA ELECTRICAL

AUSTIN 4

ELEVATION 'P' & 'R'

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 12/28/04

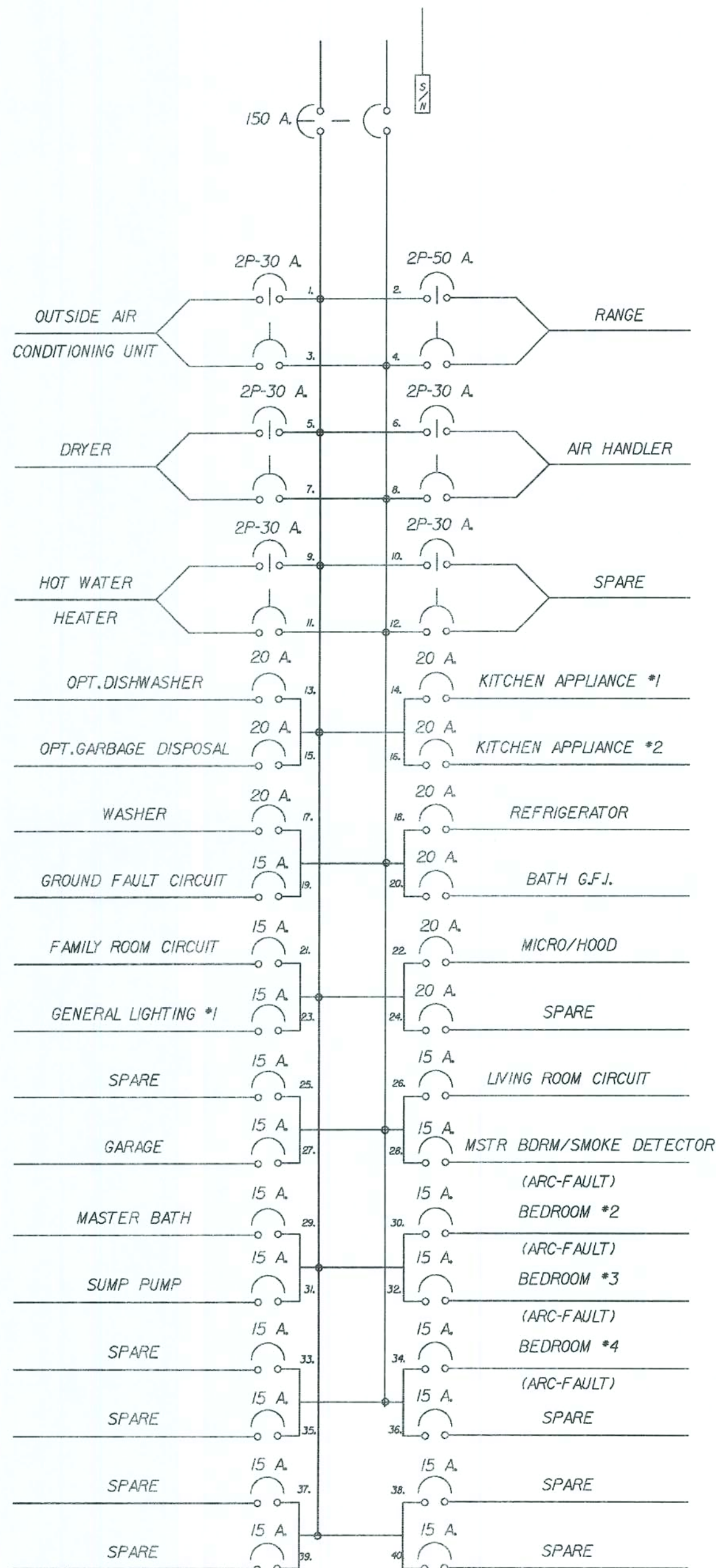
SHEET:

ELI

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

PLOT DATE: 11 MAR 2008

p:\fl\houses 05\Austin4\electrical-p\aus4p.ele



MAIN BREAKER LOAD CENTER

NOTE:
IF LOCAL CODE REQUESTS A LOCK-DOG DEVICE
ON BREAKERS FOR APPLIANCES, FIELD WILL
SUPPLY TO COMPLY

ELECTRICAL LOAD CALCULATIONS

MODEL: AUSTIN 4

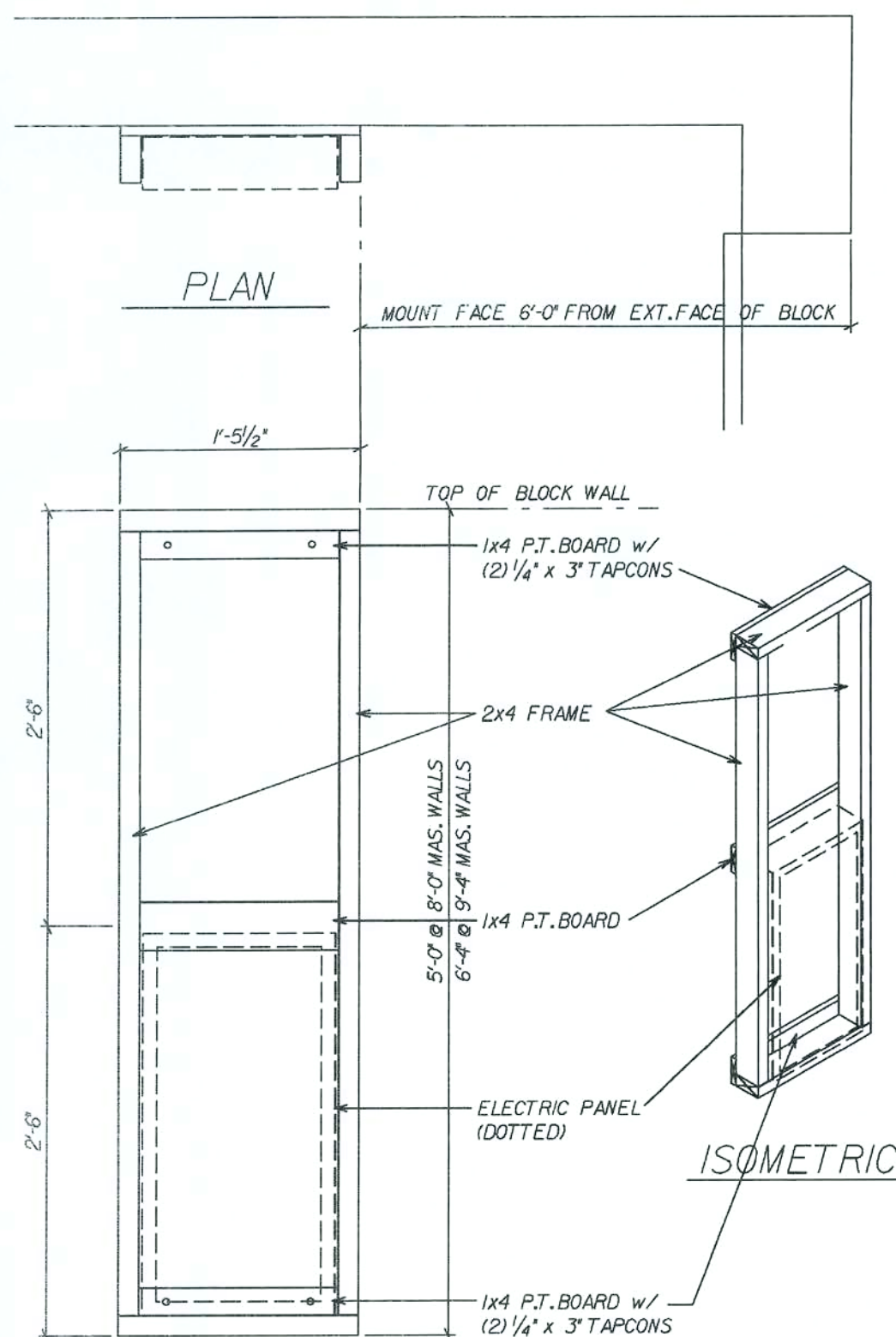
LARGEST LOAD: HEAT PUMP W/SUPPLEMENTAL HEAT

SQUARE FEET LIVING AREA	2236 @ 3 VOLT/AMPS	6708
SMALL APPLIANCE CIRCUITS		3000
LAUNDRY CIRCUIT		1500
OVEN		11700
WATER HEATER		4500
DISHWASHER		1500
DRYER		5000
DISPOSAL		500
TOTAL LOAD		34408

FIRST 10KVA @100%	10000
REMAINDER @40%	9763.2
LARGEST LOAD	13700

TOTAL LOAD 33463 V.A./240 VOLTS= 139 AMPS

SERVICE SIZE: 150 AMPS



ELECTRIC PANEL FRAME

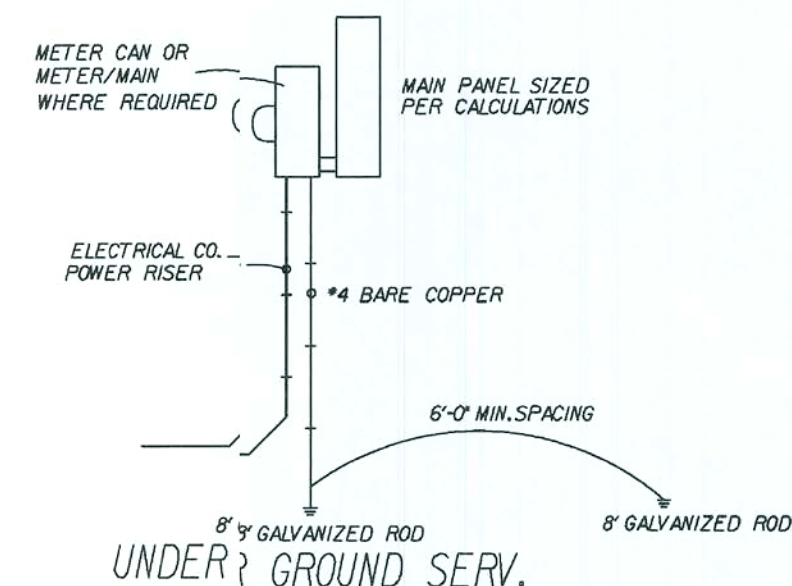
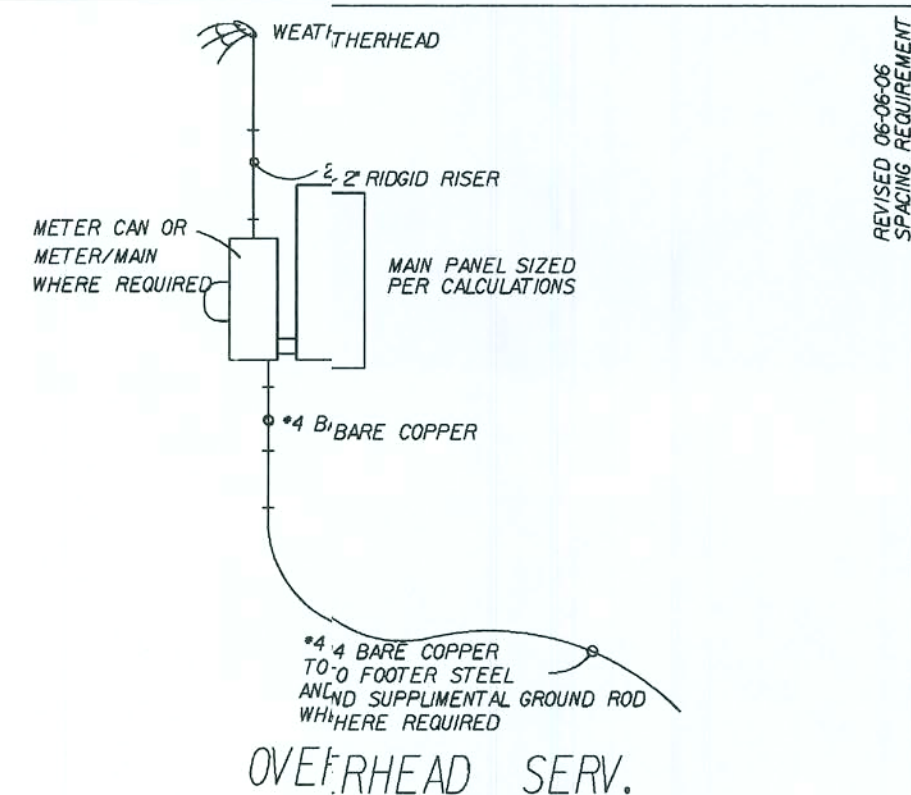
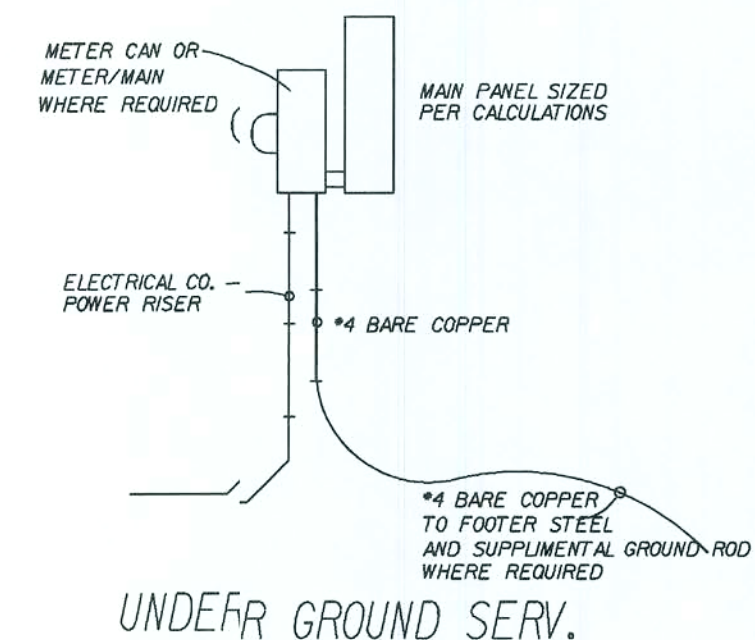
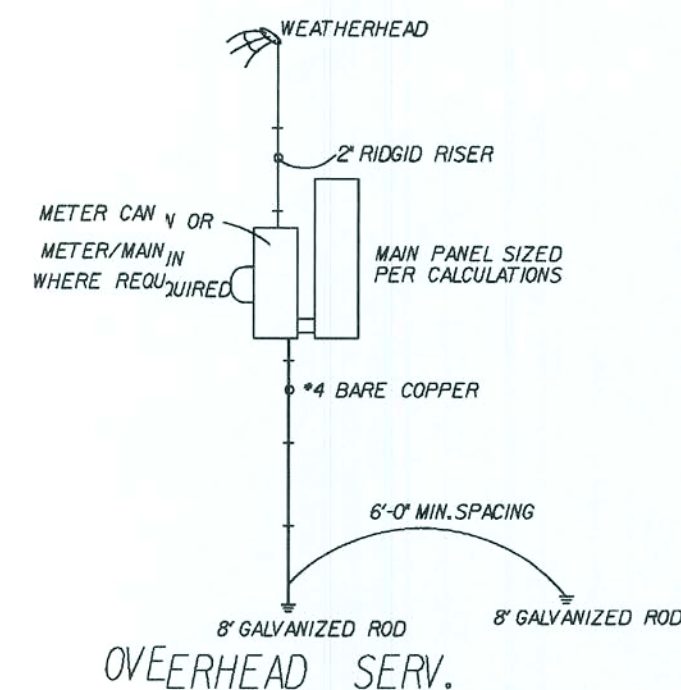
REVISED 09-07-07
ADDED HGT. @ 9'-4" MAS. WALL

SCALE: 1" = 1'-0"

09/21/05

VOLT/AMPS

13700



* GROUNDING ELECTRODE SYSTEM TO BE INSTALLED
PER ARTICLE 250 NAT. ELECT. CODE *

REVISED 08-06-06
SPACING REQUIREMENT

REVISED 08-06-06
SPACING REQUIREMENT

REVISIONS:	05-23-06	REV. WASHER FROM 15A TO 20A
	05-24-06	ADD NOTE FOR LOCK-DOG
	12/3-06	ELIM. SMOKE DETECT. HOME RUN.
	02-19-07	ADD SMOKE DETECTOR TO MASTER BEDROOM
	03-10-08	REV. DW & GD BKR. TO 20 AMP. KW

Maronda Homes
FLORIDA
4005 MARONDA WAY SANFORD, FLORIDA 321-0064
(407) 321-0064
THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE PER RESIDENTIAL AND 2005 SUPPLEMENT.

AMERICANA ELECTRICAL DETAILS
AUSTIN-4
DRAWN BY: GARAGE:
RELEASE DATE: 09-11-03
161457

SHEET:
ELIA

* USE WITH 13
SEER EQUIP.*

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.

MI602.4 BALANCED RETURN AIR:
TRANSFER GRILLES @ HABITABLE ROOMS
SEE DETAIL BELOW:

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

Diagram illustrating the undercut door configuration. The diagram shows a vertical line labeled "UNDERCUT DOOR" and a horizontal line labeled "INTERIOR DOOR ELEVATION". A small vertical line segment is shown between the two, indicating the undercut.

AUSTIN 4 BEDROOM HVAC LAYOUT

SCALE: $\frac{3}{16}'' = 1'-0''$

3.5 TON
TEMPSTAR FEM2X4200 I3 SEER
TEMPSTAR N2H342AKA I3 SEER
7.5 KW
BRAESURN 5200 2 STAGE HEAT PUMP PROGRAMABLE
BROAN 67170 CFM
SIZE OF REDUCTION BOXES (DB6-I-16x14x16x12x15)
SIZE OF TRIANGLES (15x15x15)
EXT STATIC .60 I270 CFM L

ALL TAPES, CONNECTORS AND MASTIC
USED WILL BE UL-181 APPROVED

COPYRIGHT © 2005 MARONDA HOMES

Maronda Homes

AMERICANA	REGISTER LAYOUT
-----------	-----------------

AUSTIN - 4

4 BEDROOM

DRAWN BY:	GARAGE:	LEFT
-----------	---------	------

RELEASE DATE: 10-18-04 TOM MARTINEZ

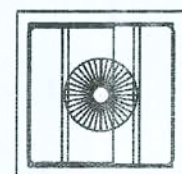
9:14:36

PLOT DATE: 04 DEC 2007

SHEET:

HVA

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



BEDROOM #2

BEDROOM #3

BEDROOM #4

BREAKFAST NOOK

KITCHEN

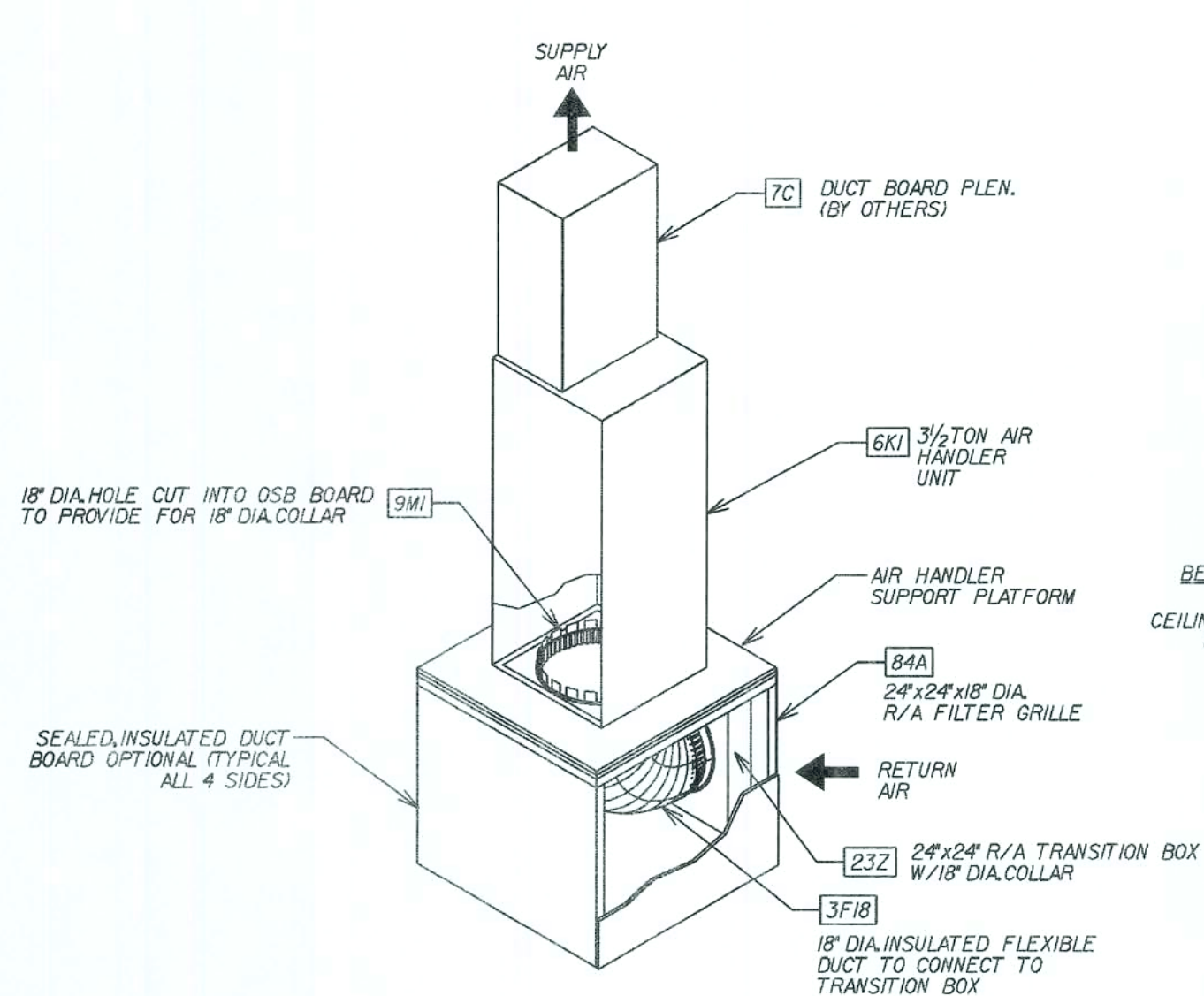
DINING ROOM

LIVING ROOM

MASTER SUITE

MASTER BATH

1st. FLOOR DUCT LAYOUT



RETURN-AIR ISOMETRIC

hvacitem REPORT

Tue Oct 31 11:41:52 2006
p:*f1*houses 05*austin4*hvac*austin4h.htg

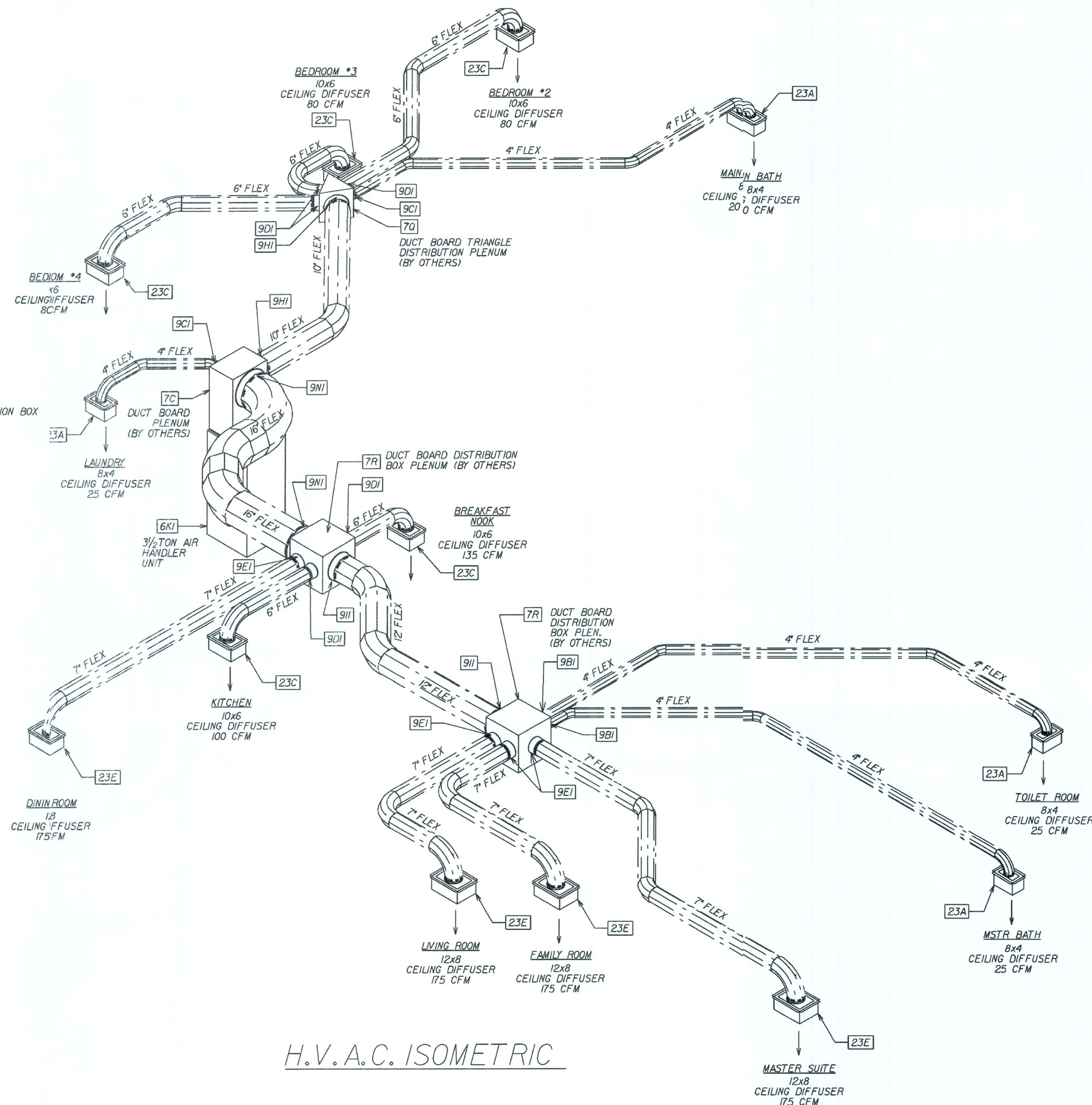
QUANTITY	DESCRIPTION
4	23A 150045.0035 8x4 CEILING BOOT W/4" DIA. COLLAR
5	23C 150045.0036 10x6 CEILING BOOT W/6" DIA. COLLAR
4	23E 150045.0038 12x8 CEILING BOOT W/7" DIA. COLLAR
1	23Z 150045.0046 24x24 R/A TRANSITION BOOT W/18" COLLAR
10	3F10 150040.0097 10" FOIL FLEX R6
11	3F12 150040.0098 12" FOIL FLEX R6
8	3F16 150040.0108 16" FOIL FLEX R6
3	3F18 150040.0138 18" FOIL FLEX R6
65	3F4 150040.0091 4" FOIL FLEX R6
33	3F6 150040.0093 6" FOIL FLEX R6
45	3F7 150040.0094 7" FOIL FLEX R6
1	6K1 150005.0044 FEM2X4200A 13 SEER 3.5 TON AHU
1	6Q1 150010.0104 N2H342AKA 13 SEER 3.5 TON CONDENSER
1	7C 150005.0110 19x13x30" H BOX PLENUM
1	7Q 150040.0118 DUCT PLENUM TRIANGLE
2	7R 150040.0111 18" SQUARE DUCT PLENUM
3	81A 150055.0041 24x4 TRANSFER GRILLE
3	81B 150045.0052 24x4 TRANSFER GRILLE FRAME
1	81C 150055.0078 24x8 TRANSFER GRILLE
1	81D 150045.0078 24x8 TRANSFER GRILLE FRAME
1	84A 150055.0032 24x24 RETURN AIR FILTER GRILLE
4	9B1 150040.0075 4" K-COLLAR/ROTH (4KC/413)
5	9D1 150040.0077 6" K-COLLAR/ROTH (6KC/413)
4	9E1 150040.0078 7" K-COLLAR/ROTH (7KC/413)
2	9H1 150040.0081 10" K-COLLAR/ROTH (10KC/413)
2	9I1 150040.0082 12" K-COLLAR/ROTH (12KC/413)
1	9M1 150040.0137 18" K-COLLAR/ROTH (18KC/413)
2	9N1 150040.0084 16" K-COLLAR/ROTH (16KC/413)

AUSTIN 4 BEDROOM

HVAC LAYOUT

3.5 TON
TEMPSTAR FEM2X4200 13 SEER
TEMPSTAR N2H342AKA 13 SEER
7.5 KW
BRAECURN 5200 2 STAGE HEAT PUMP PROGRAMABLE
BROWN 67170 CFM
SIZE OF REDUCTION BOXES (DB6-16x14x16x12x15)
SIZE OF TRIANGLES (15x15x15x15)
EXT STATIC .60 1270 CFM L

ALL TAPES, CONNECTORS AND MASTIC
USED WILL BE UL-181 APPROVED



H.V.A.C. ISOMETRIC

* USE WITH 13 SEER EQUIP. *

REVISIONS
1) REV. FLEX. DUCT & B/M 10/26/05 J.T.
10/31/06 13 SEER UPDATE PER DWG. T.J.M

Maronda Homes

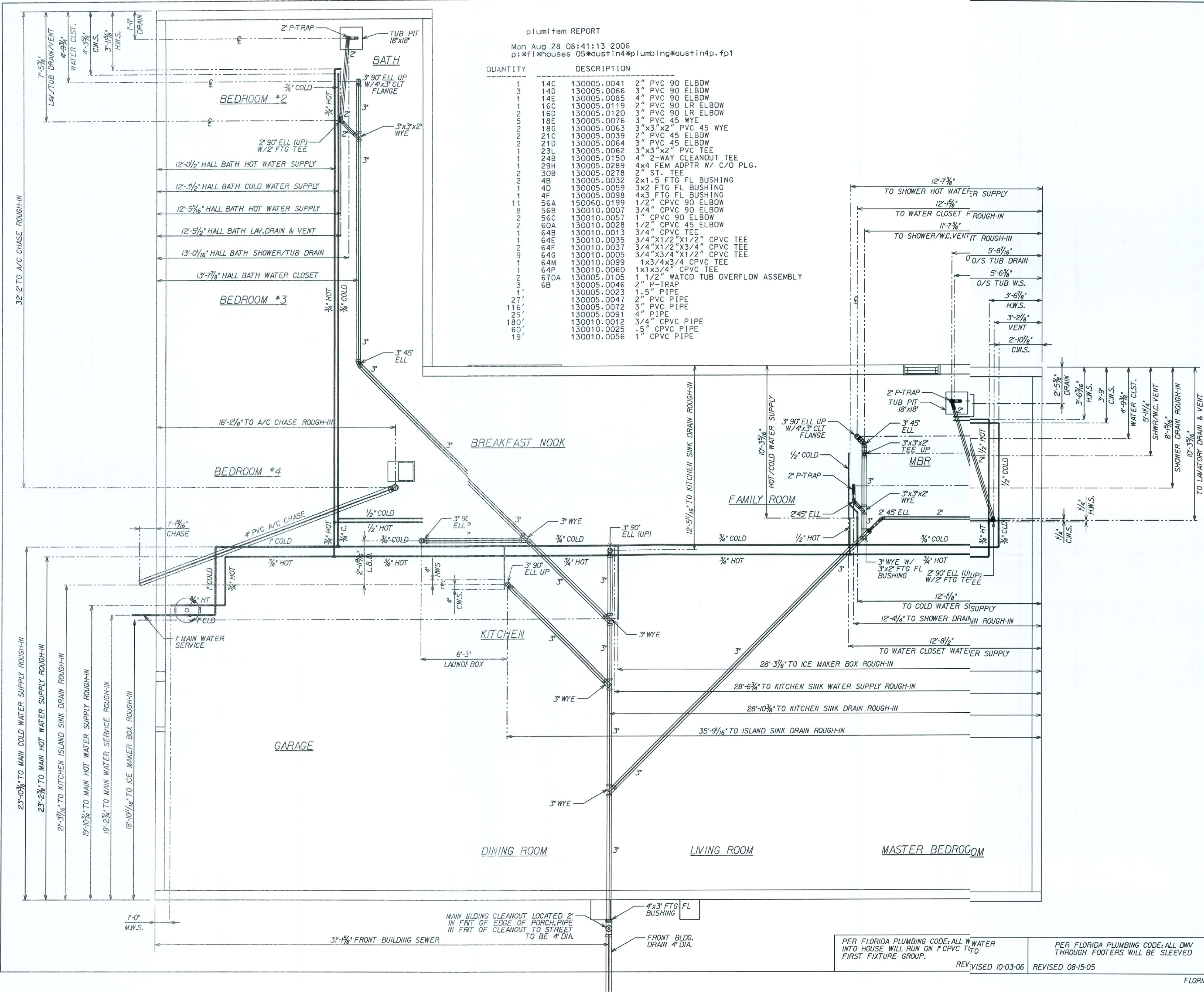
FLORIDA
THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004: RESIDENTIAL AND 2005, 2006 SUPPLEMENT

4071 321-0064 4005 MARONDA WAY SANFORD, FLORIDA

Copyright © 2005 MARONDA HOMES

AMERICANA	H.V.A.C. ISO
AUSTIN - 4	4 BEDROOM
DRAWN BY: TOM MARTINEZ	GARAGE: LEFT
RELEASE DATE: 10-18-04	

SHEET:
ISO-H



REVISIONS:

5/12/06	REVISED CALL-OUT NOTES T.M.
06/13/06	REVISED UG PLB6 FITTINGS T.M.
08/03/06	REV. CLEANOUT & BOM LIST T.M.

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

Maronda Homes

AMERICANA UNDERGROUND PLBG.

AUSTIN - 4

4 BEDROOM

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 10-18-04

FLORIDA PLUMBING CODE 2004 : RESIDENTIAL

PER FLORIDA PLUMBING CODE: ALL WATER INTO HOUSE WILL RUN ON 1" CPVC TO FIRST FIXTURE GROUP.

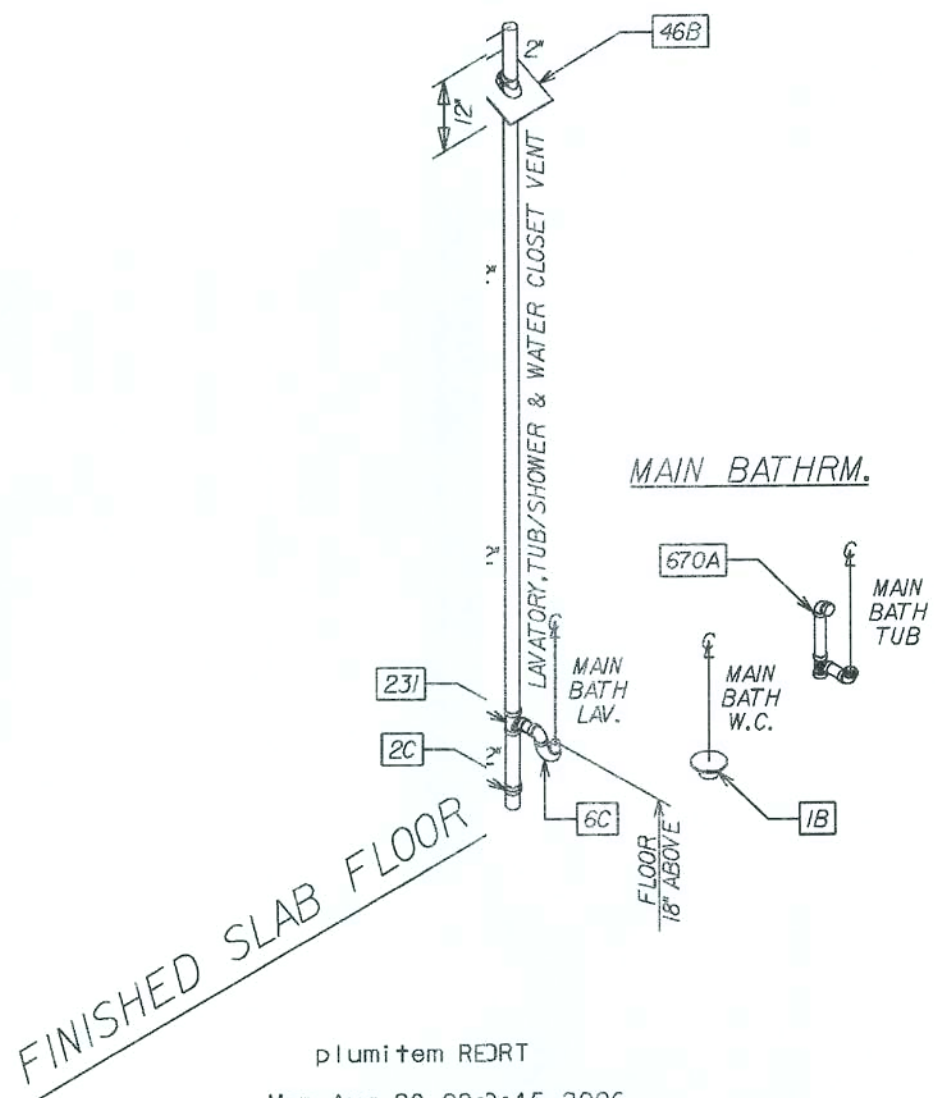
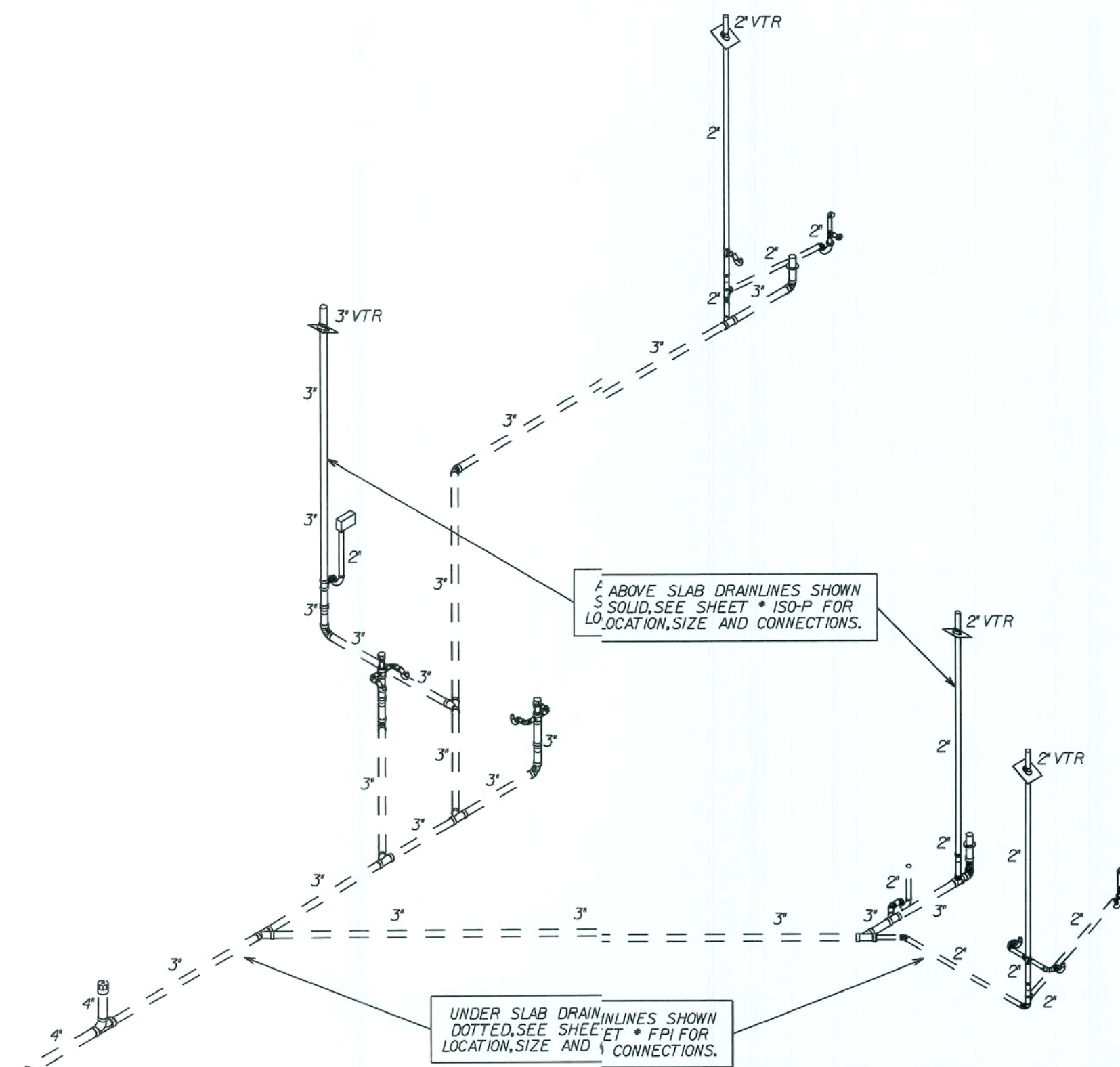
PER FLORIDA PLUMBING CODE: ALL DWV THROUGH FOOTERS WILL BE SLEEVED

SHEET:

FPI

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

COMPLETE SANITARY PLUMBING DIAGRAM:

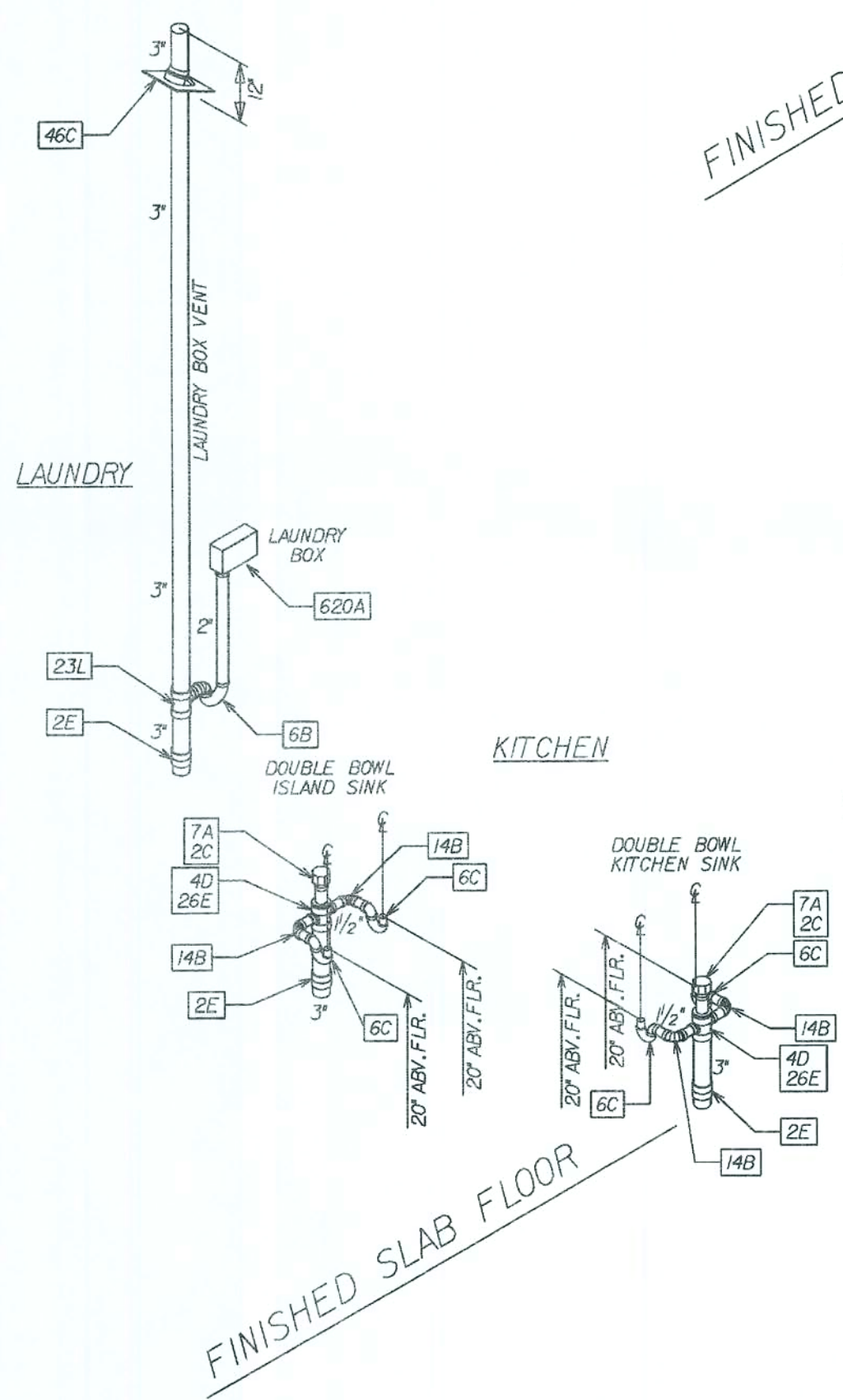


plumitem REPT
Mon Aug 28 09:3:15 2006
p:\fl\houses\05\stn4\plumbing\stn4p.plm

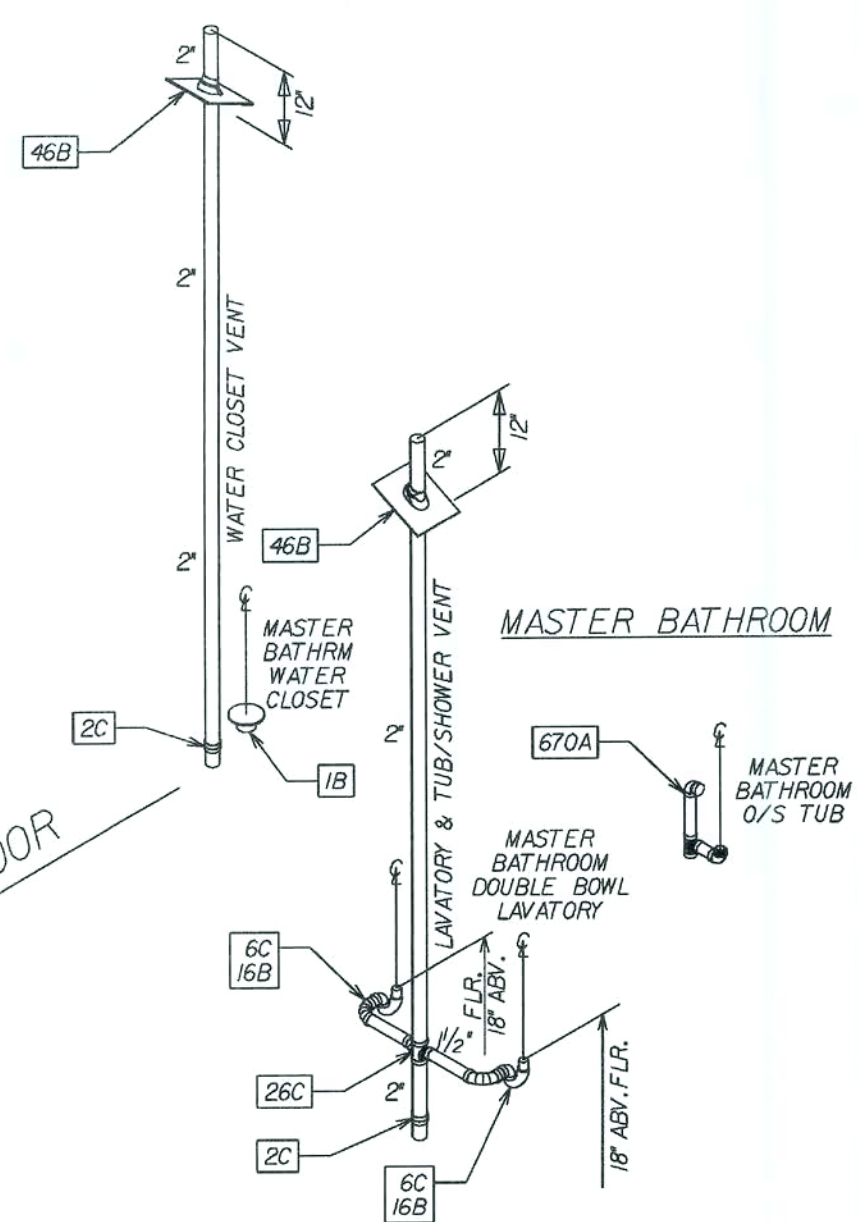
QUANTITY	DESCRIPTION
4	14B 13005.0013 1.5" PVC 90 ELBOW
2	16B 13005.0187 1.5" PVC 90 LR ELBOW
2	1B 13005.0099 4"x3" CLOSET FLANGE
1	23L 13005.0034 2"x2"x1.5" PVC TEE
1	23L 13005.0062 3"x3"x2" PVC TEE
1	26C 13005.0133 2"x2"x1.5"x1.5" DOUBLE TEE
2	26E 13005.0132 3"x3"x1.5"x1.5" DOUBLE TEE
5	2C 13005.0043 2" PVC COUPLING
3	2E 13005.0068 3" PVC COUPLING
3	46B 13050.0125 2" NEOPRENE ROOF FLASHING
1	46C 13050.0028 3" NEOPRENE ROOF FLASHING
2	4D 13005.0059 3x2 FTG FL BUSHING
1	620A 13035.0027 Laundry Box Left
2	670A 13005.0105 1.1/2" WATCO TUB OVERFLOW ASSEMBLY
1	6B 13005.0046 2" P-TRAP
7	6C 13005.0107 1.5"x1.25" P-TRAP W/UNION JT
2	7A 13005.0160 1.25-2" STUODOR MINI-VENT

PlumInth REPT
Mon Aug 28 09:5:15 2006
p:\fl\houses\05\stn4\plumbing\stn4p.plm

QUANTITY	DESCRIPTION
5'	13005.0023 1.5" PIPE
41'	13005.0047 2" PVC PIPE
19'	13005.0072 3" PVC PIPE



FINISHED SLAB FLOOR



MASTER BATHROOM

REVISIONS :

08/28/06 REV.D.KITCHEN SINK ASSEM.-TJM

Maronda Homes

FLORIDA

4005 MARONDA WAY SANFORD, FLORIDA

FLORIDA STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 : RESIDENTIAL AND 2005, 2006 SUPPLEMENT

AMERICANA DW.V.PLUMBING ISO

AUSTIN - 4

4 BEDROOM

GARAGE: LEFT

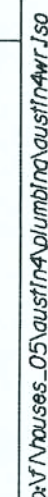
RELEASE DATE: 10-18-04

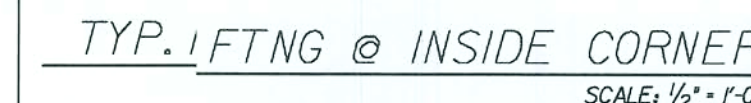
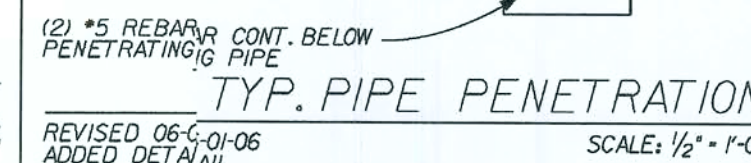
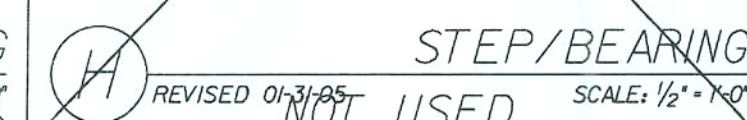
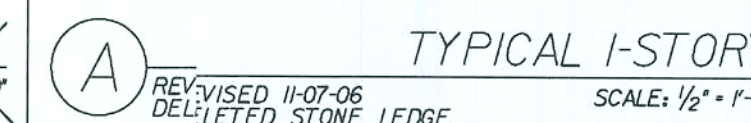
09/15/24

SHEET: **ISO-P**

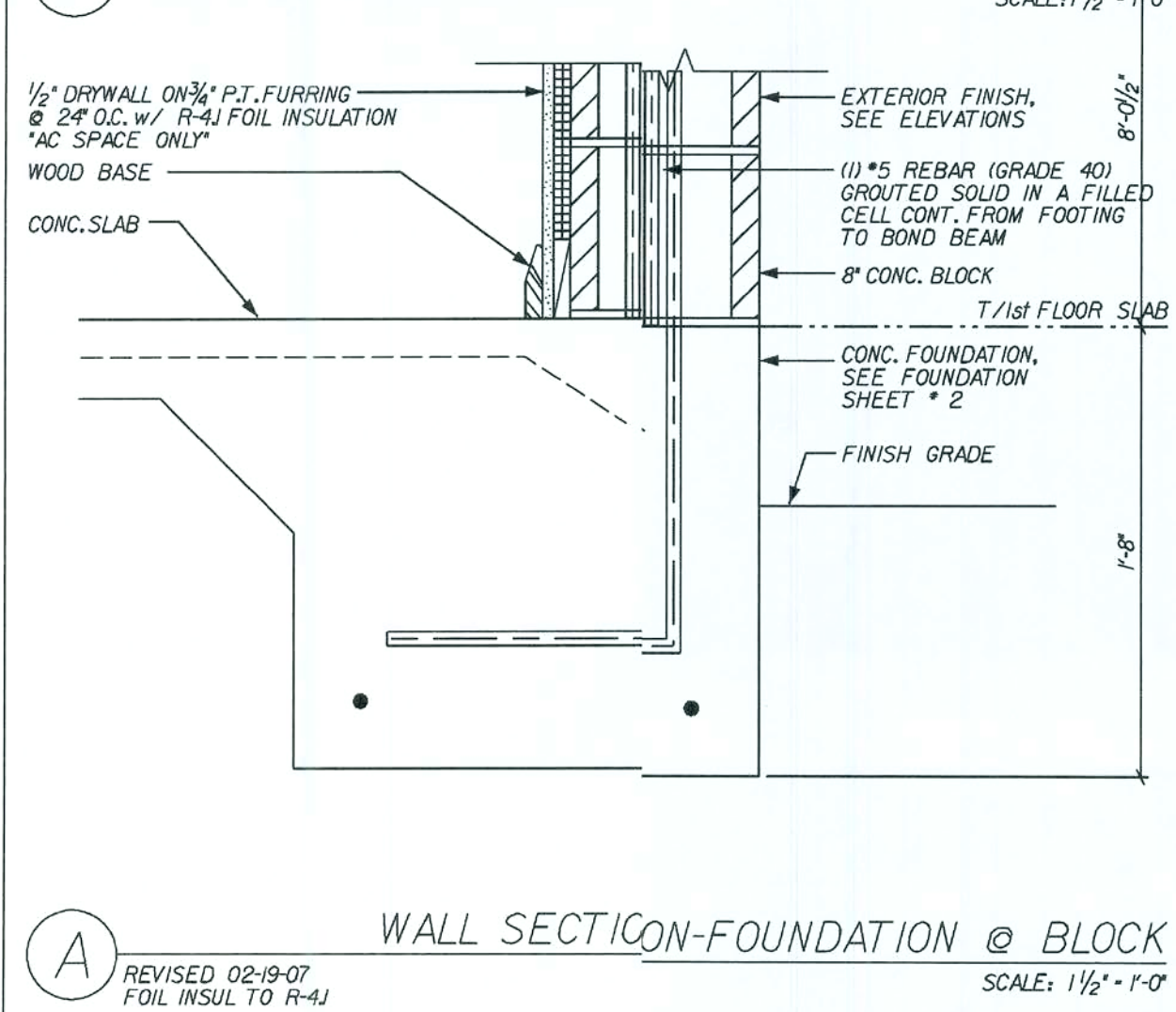
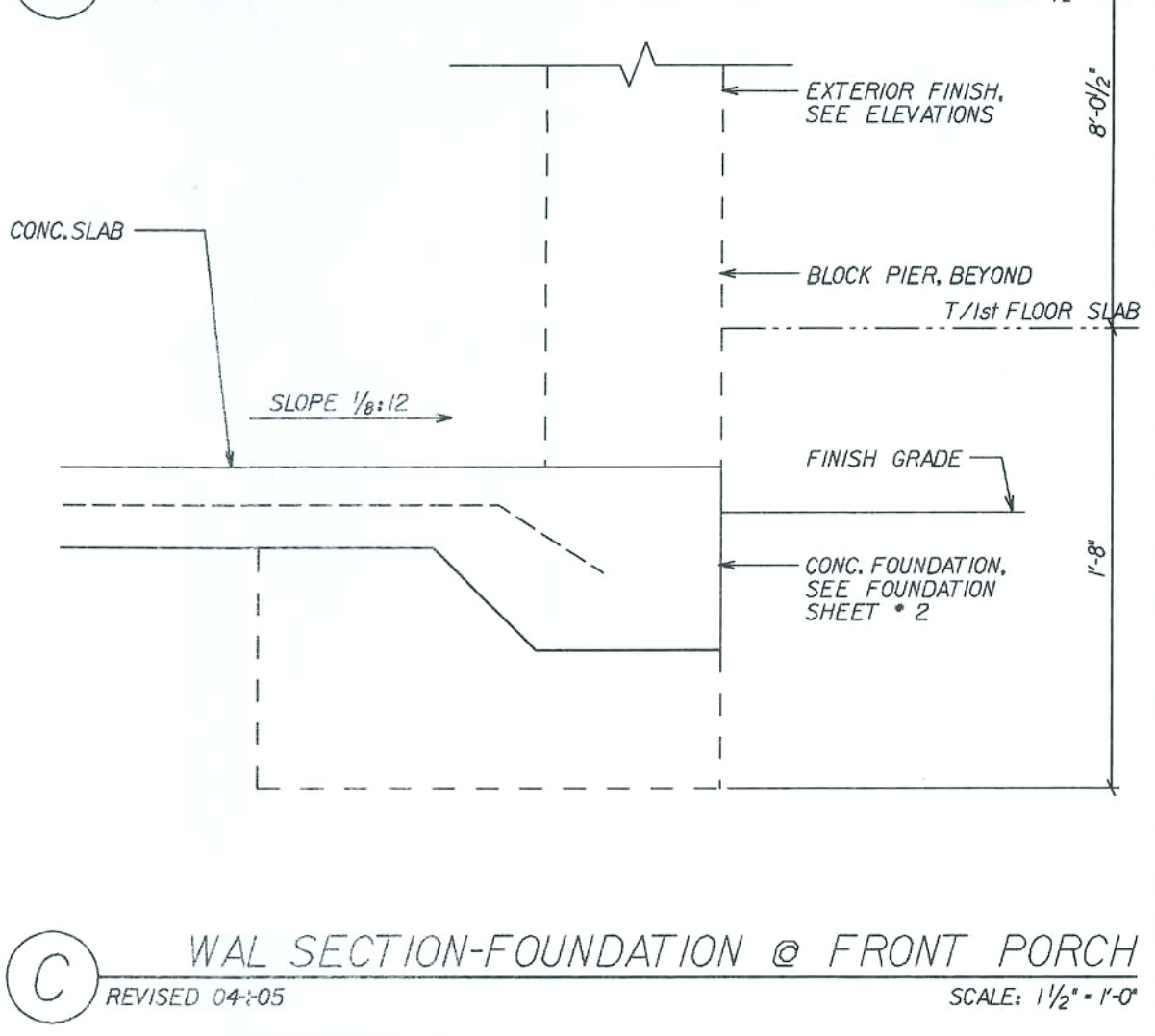
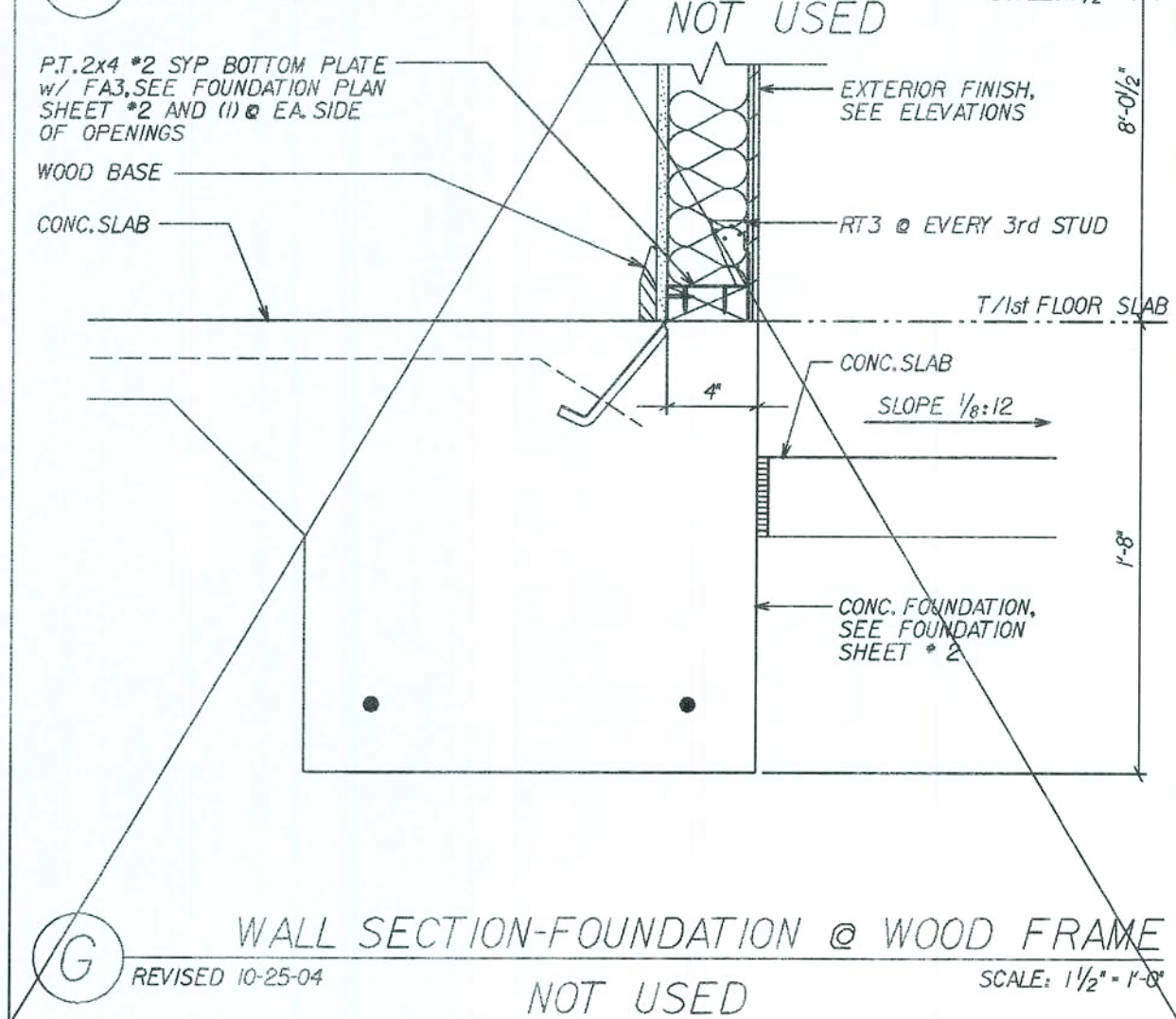
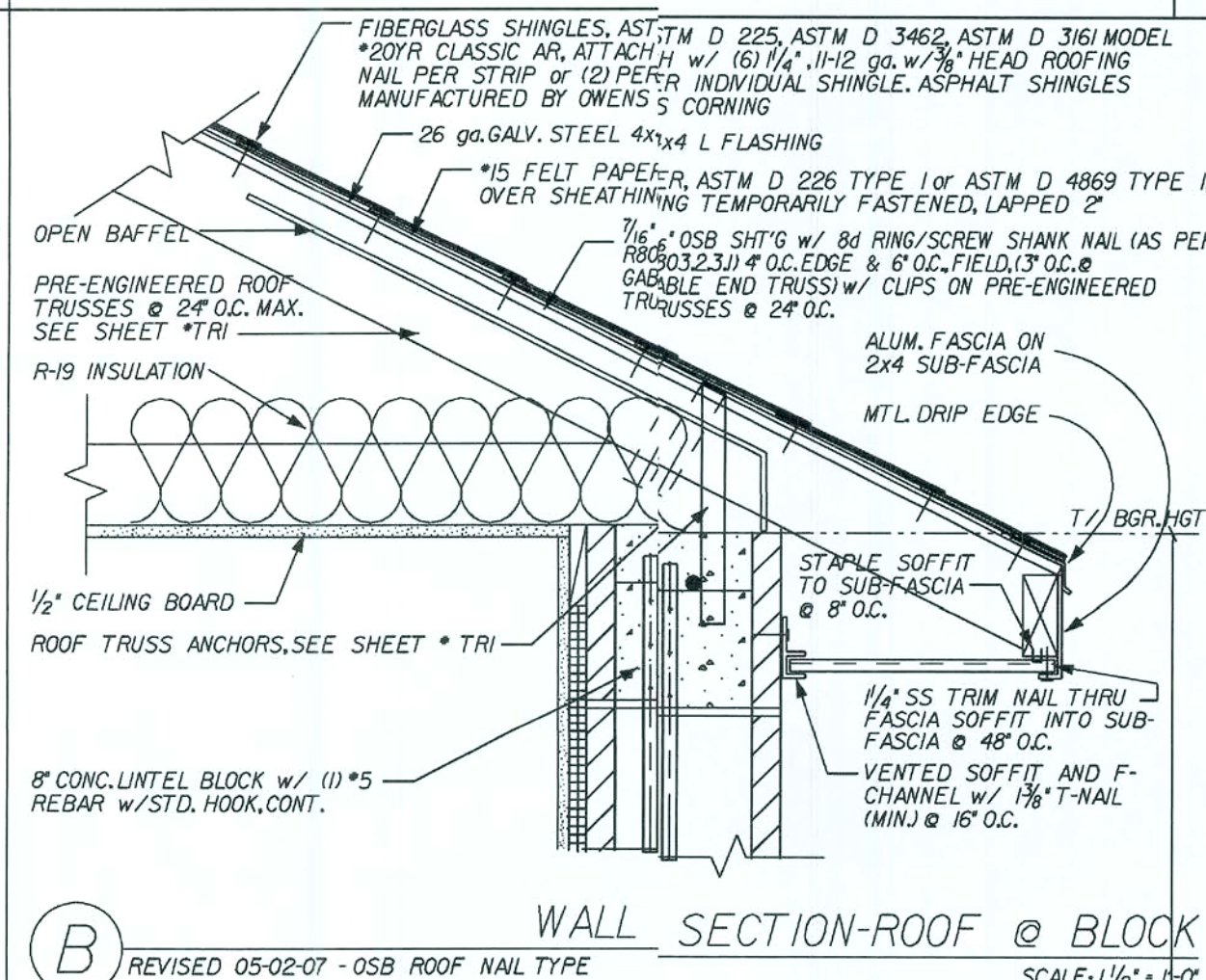
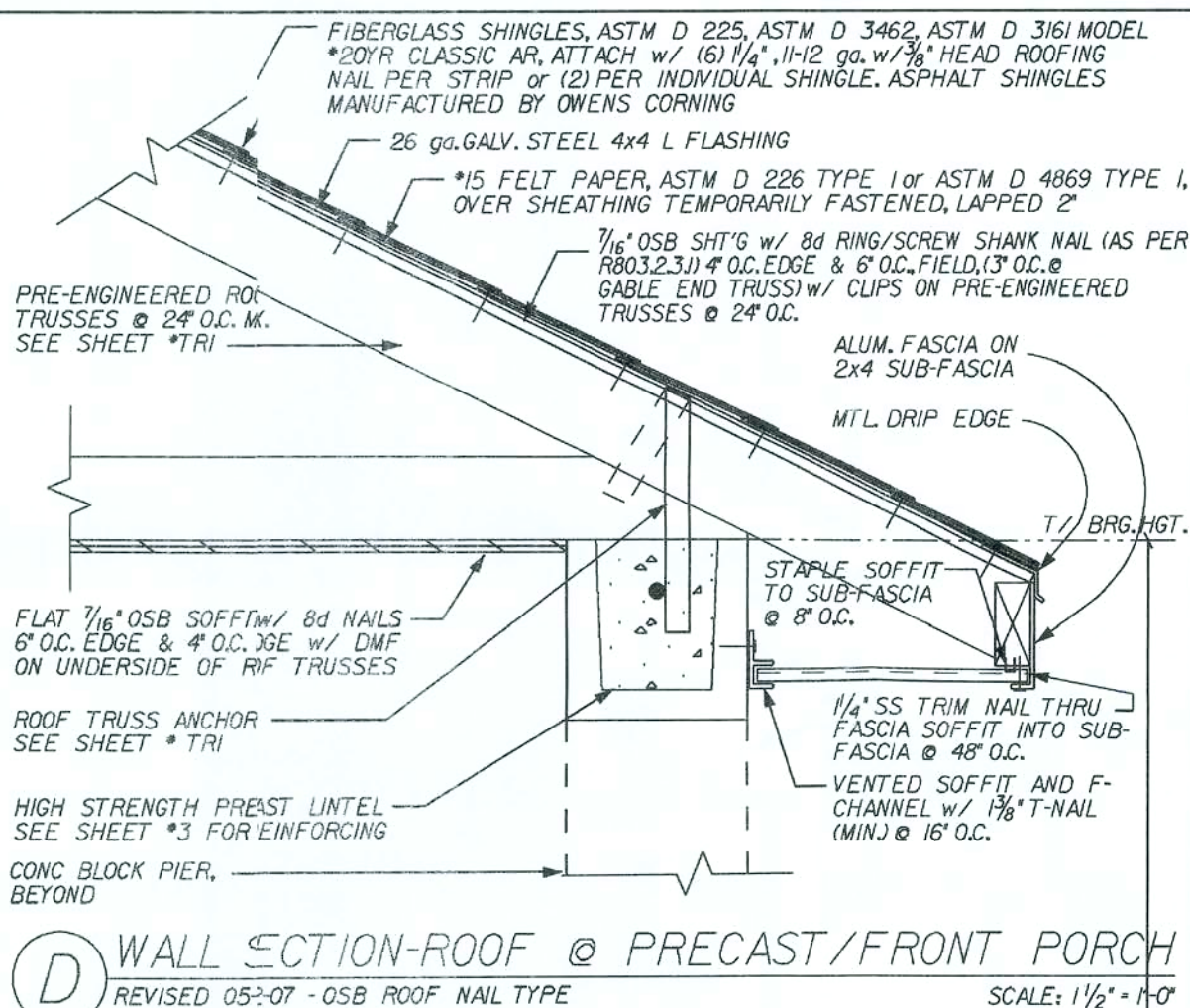
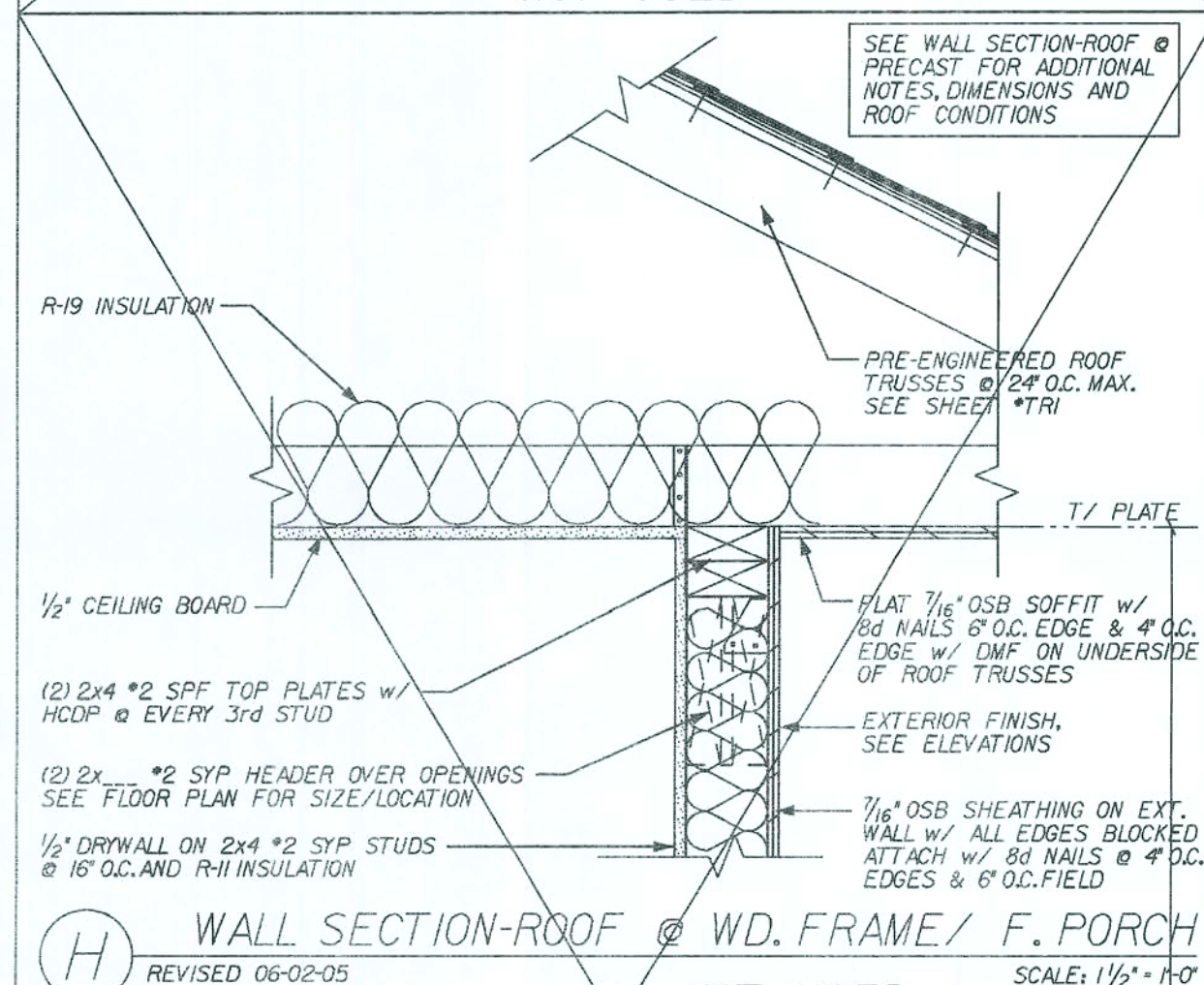
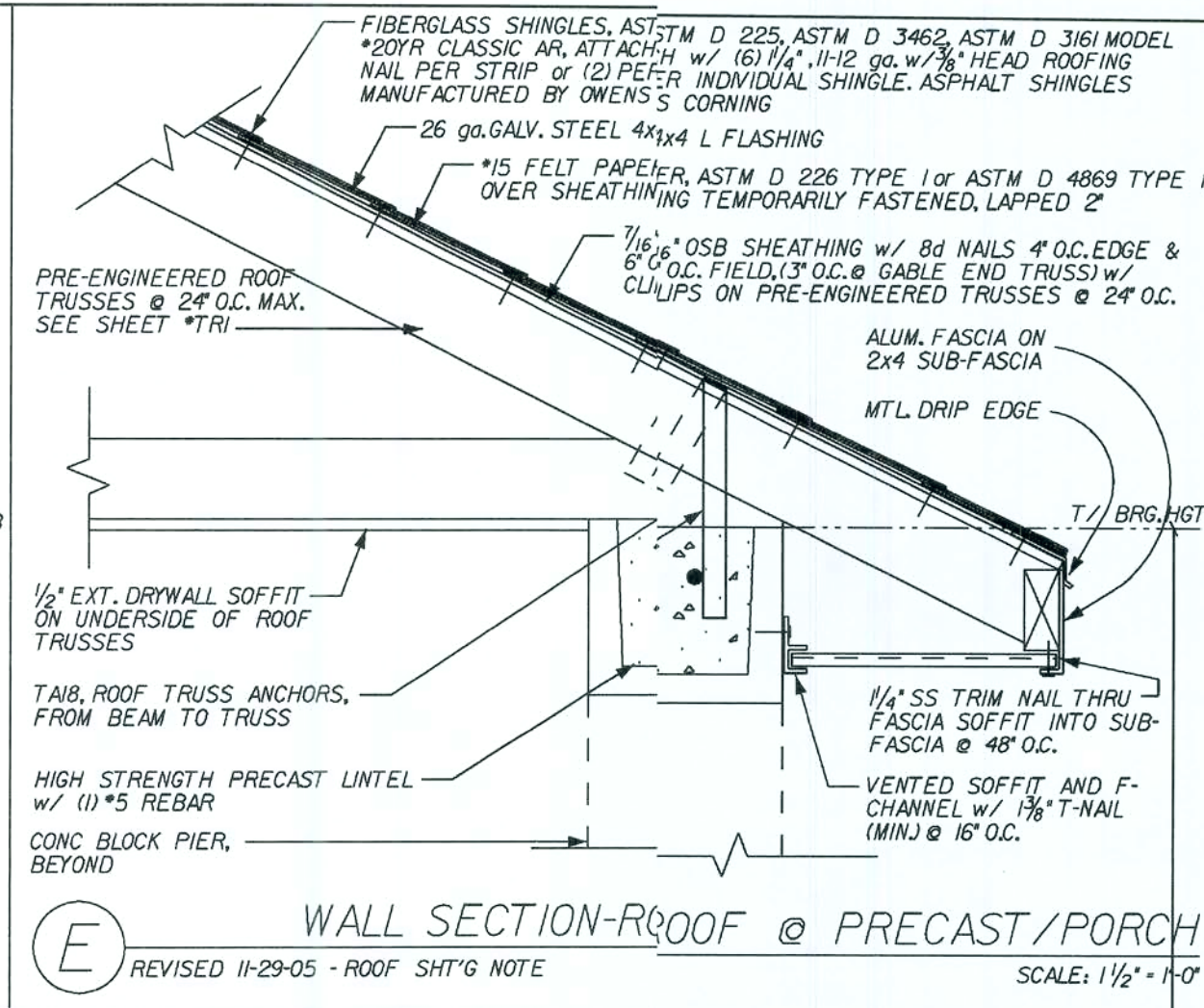
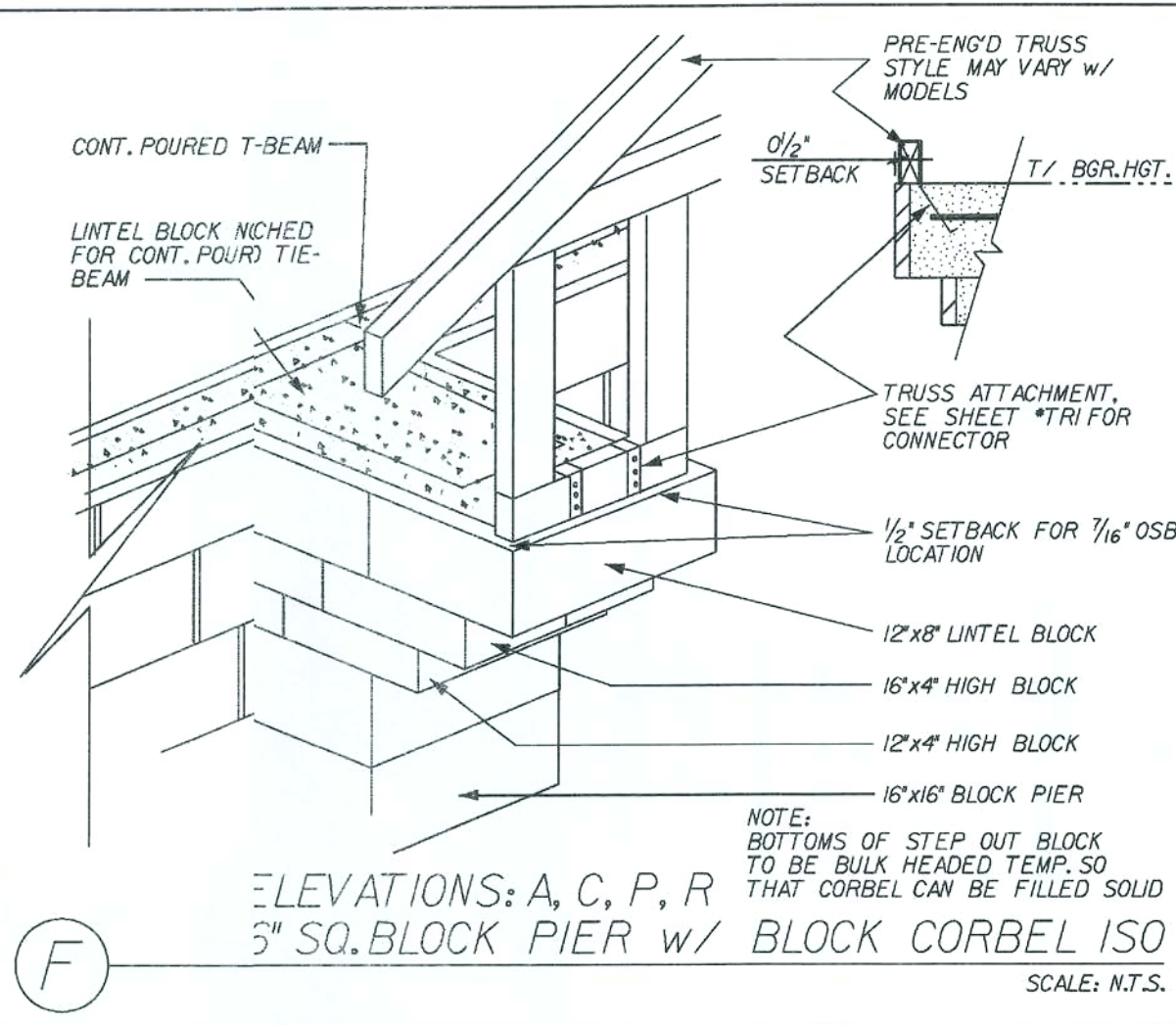
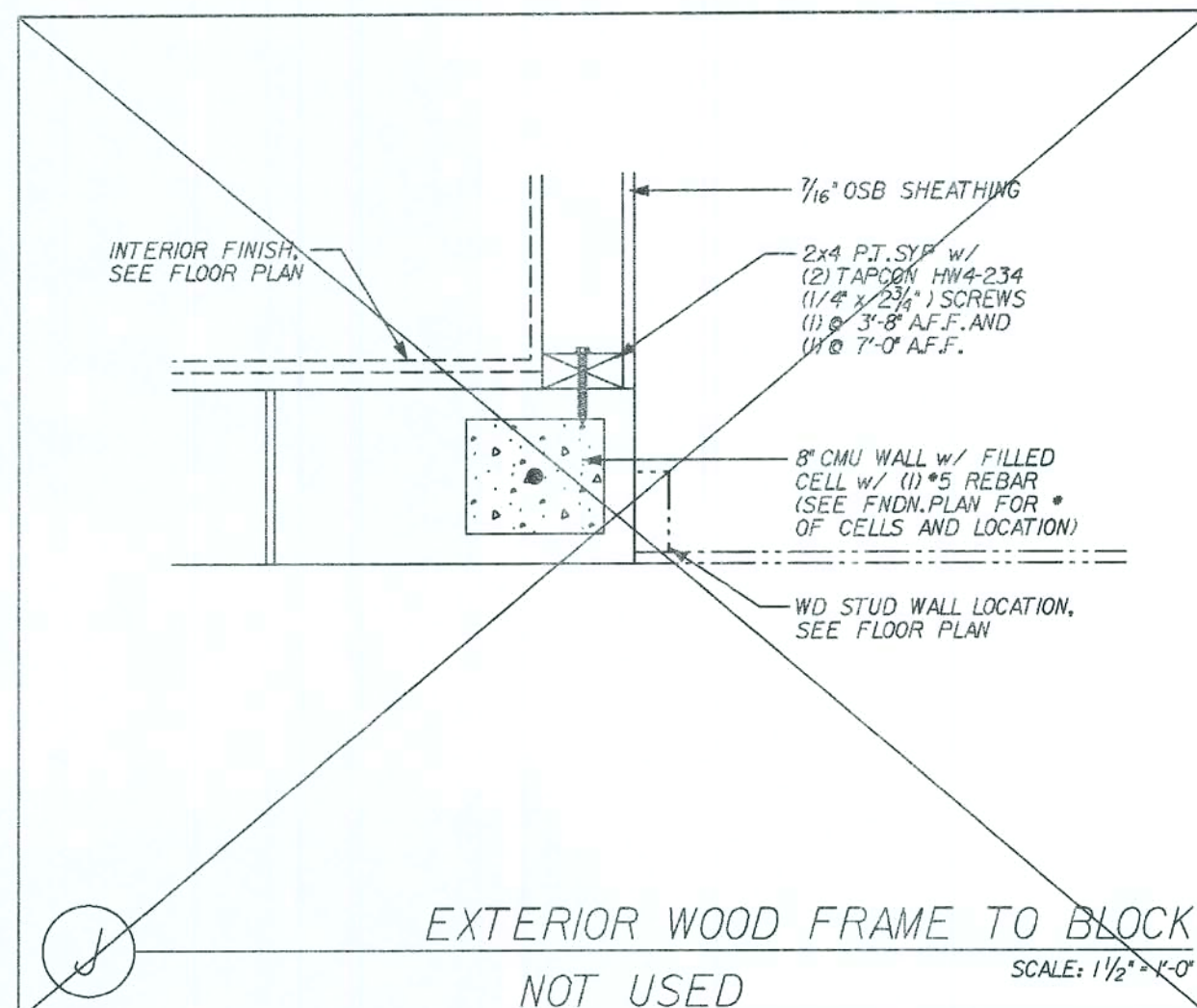
FLORIDA BUILDING CODE 2004 : RESIDENTIAL

PLOT DATE: 04 DEC 2007





PLOT DATE: 04 DEC 2007



REVISIONS:

09-2-06	DETAIL F: ADDED ELEV. CALL-OUT
---------	--------------------------------

Maronda Homes

FLORIDA: THIS DOCUMENT WAS DESIGNED IN ACCORDANCE WITH THE BUILDING CODES OF THE FLORIDA RESIDENTIAL BUILDING CODE 2004: RESIDENTIAL AND 2006 SUPPLEMENT.

ONE STORY WALL SECTIONS

AUSTIN 4

DRAWN BY: GARAGE:

RELEASE DATE: 10-18-04

09/12/09

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

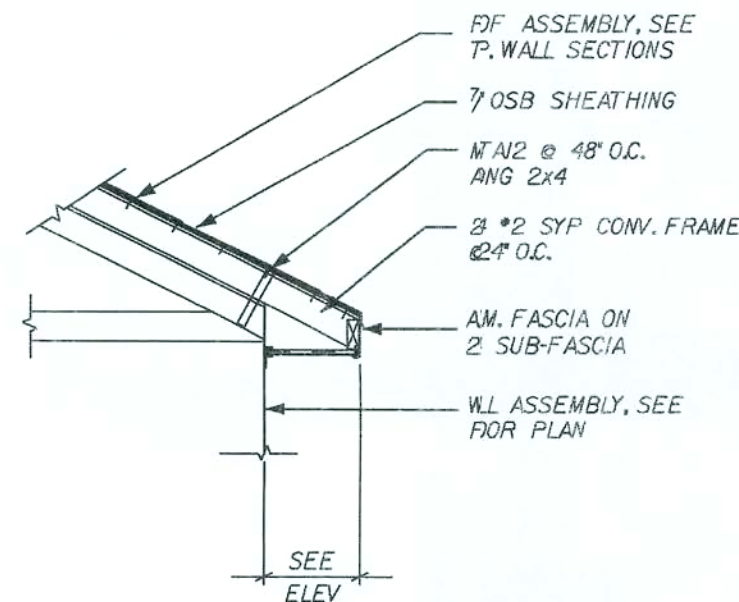
Elmer Bergman, P.E.
License No. 50158

MAY 12 2008

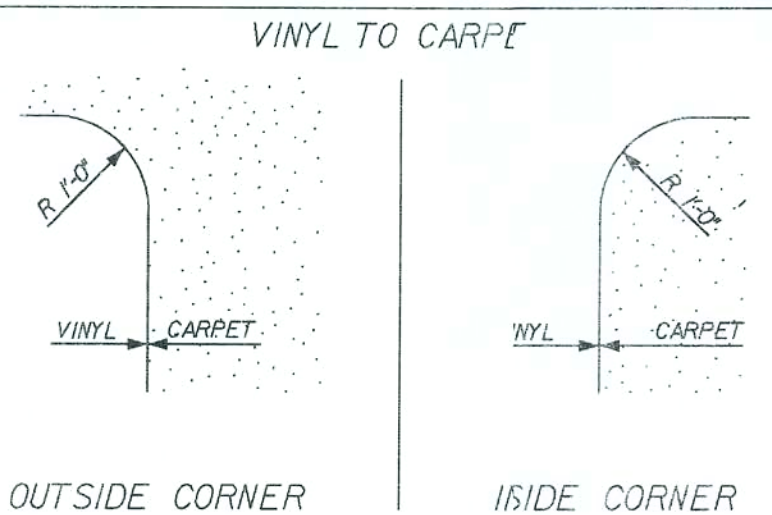
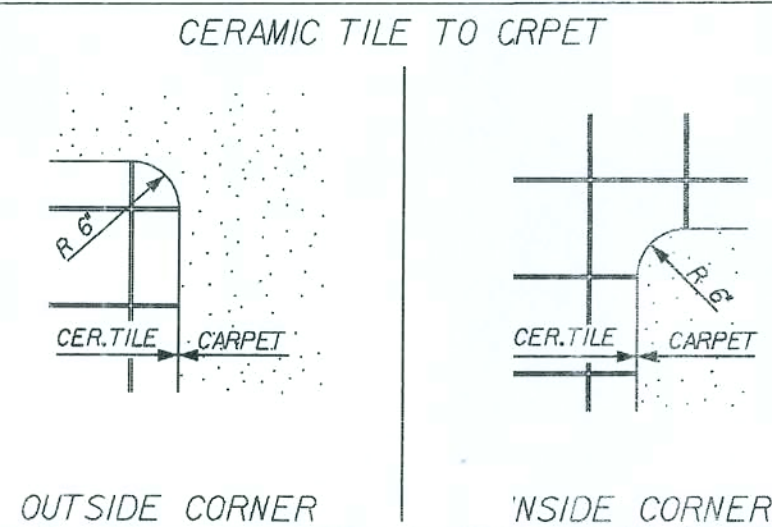
SHEET:
WS-B1

FLORIDA BUILDING CODE 2004: RESIDENTIAL

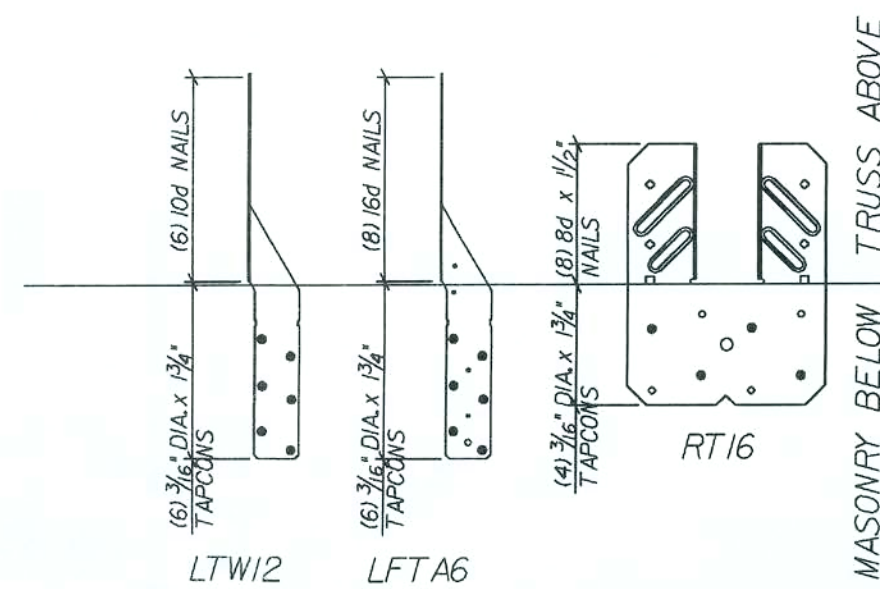
USP HARDWARE - 160%		REVISED 05-10-06	
PRODUCT CODE #	MAN.	FASTENERS	UPLIFT
C44	USP	POST (6) 16d BEAM (6) 10d x 1 1/2"	1000
FA3	USP	TOP (4) 10d x 1 1/2" SIDE (2) 10d x 1 1/2"	1155
HC520 CLIP	USP	PLATES (11) 8d STUD (6) 8d	445
HHCP2 CRNR CLIP	USP	TRUSS (10) 10d x 1 1/2" PLATE (10) 10d x 1 1/2"	800
HTA 20 ANCHOR	USP	(14) 10d x 1 1/2"	1615
HTA 20(2) ANCHOR	USP	(13) 10d x 1 1/2"	3230
HTW24	USP	(20) 10d	1325
HUGT2	USP	CONC. ANCH. BOLT (2) 3/4" - (2) 3/4" WASH 3/4" EMBED. - ALL GRDR. - (8) 10d	9790
HUGT3	USP	CONC. ANCH. BOLT (2) 3/4" - (2) 3/4" WASH 3/4" EMBED. - ALL GRDR. - (8) 10d	9860
JUS 26	USP	(4) 10d HEADER (4) 10d TRUSS	1115
KST227 STRP ANC.	USP	(34) 16d	4750
LPTA	USP	FACE OF GABLE W/ 2x4 (11) 10d x 1 1/2"	1250
LSTA36	USP	(22) 10d x 1 1/2"	1640
LTW12	USP	(12) 10d	670
LTS20 STRAP ANC	USP	ANCHOR-1/2" WEDGE BOLT 3/4" EMBED. (10) 10d x 1 1/2" STRAP	1890
LBP12 BEARING PLT	USP	1/2" J-BOLT	2515
LFTA6	USP	PLATE (8) 8d STUD (8) 8d	1035
MP6F	USP	HEADER/STUD (6) 8d TYPE 1 JOIST/PLATE (6) 8d	605
MPA1 & MPA1F	USP	HEADER/STUD (6) 8d JOIST/PLATE (6) 8d	660
MSTA12	USP	(10) 10d	1015
MSTA18	USP	(14) 10d	1420
MSTA24	USP	(18) 10d	1640
MSTA30	USP	(22) 10d	2065
MTW12	USP	(14) 10d	1030
MTW18	USP	(14) 10d	1030
MTS27B STRP ANC	USP	(24) 16d (1) 3/4" ANCHOR BOLT 3/4" EMBEDDED	4635
MUGT15	USP	(22) 10d (1) 3/4" ANCHOR BOLT 3/4" EMBEDDED	4165
NP37 3 1/8 X 7	USP	HEADER (6) 16d TOP OF BOT. SEC. (6) 10d x 1 1/2"	
PA 28	USP	(15) 16d	3360
RT-16	USP	TOP PLATES (8) 8d TRUSS (8) 8d x 1 1/2"	1030
RT-16A	USP	TRUSS (9) 10d x 1 1/2" PLATE (8) 10d	1380
RT16-2	USP	TOP PLATES (8) 8d TRUSS (8) 8d x 1 1/2"	1160
RT5 CLIPS L/R	USP	TRUSS (4) 8d PLATE (4) 8d	540
RT3 CLIPS L/R	USP	(4) 8d TOP (4) 8d BOTTOM	530
SKH 26 LR	USP	HEADER (6) 16d JACK (6) 10d x 1 1/2"	1085
SKHH26 L/R	USP	HEADER (18) 16d JACK (12) 10d x 1 1/2"	2190
SUH 26	USP	HEADER (6) 10d JACK (4) 10d x 1 1/2"	725
SUH 28	USP	HEADER (8) 10d JACK (6) 10d x 1 1/2"	800
TA12 TA12/METAL	USP	(5) #10 SCREWS (9) #10 SCREWS	825 910
TA 14	USP	(7) 10d x 1 1/2"	920
TA 18	USP	(8) 10d x 1 1/2"	1205
(2)TA 18	USP	(8) 10d x 1 1/2" 1-PLY (8) 10d x 1 1/2" 2-PLY	2410 2410
TA 24	USP	(8) 10d x 1 1/2"	1205
(2)TA 24	USP	(8) 10d x 1 1/2" 1-PLY (8) 10d x 1 1/2" 2-PLY	2410 2410
THD26	USP	HEADER (18) 16d TRUSS (12) 10d x 1 1/2"	2170
THD28	USP	HEADER (28) 16d TRUSS (16) 10d x 1 1/2"	2330
THD28-2	USP	HEADER (28) 16d TRUSS (16) 10d x 1 1/2"	2485
THDH28-3	USP	HEADER (36) 16d TRUSS (16) 10d x 1 1/2"	2665
THD48	USP	HEADER (28) 16d TRUSS (16) 10d x 1 1/2"	2485
THJ 26	CLEVELAND	HIP (7) 10d-HEADER (16) 16d JACK (5) 10d x 1 1/2"	1010
USC63	USP	TRUSS (8) 10d (4) 3/4" EXP. BOLTS #6170 2 3/4" EMBEDDED	11150
USC3F	USP	TRUSS (8) 10d (4) 3/4" EXP. BOLTS #6170 2 3/4" EMBEDDED	11150
USC73	USP	TRUSS (8) 16d (4) 3/4" EXP. BOLTS #6170 2 3/4" EMBEDDED	11150
UGTS63	USP	TRUSS (8) 16d (2) 3/4" ANCH. BOLTS 2 3/4" EMBEDDED	6170



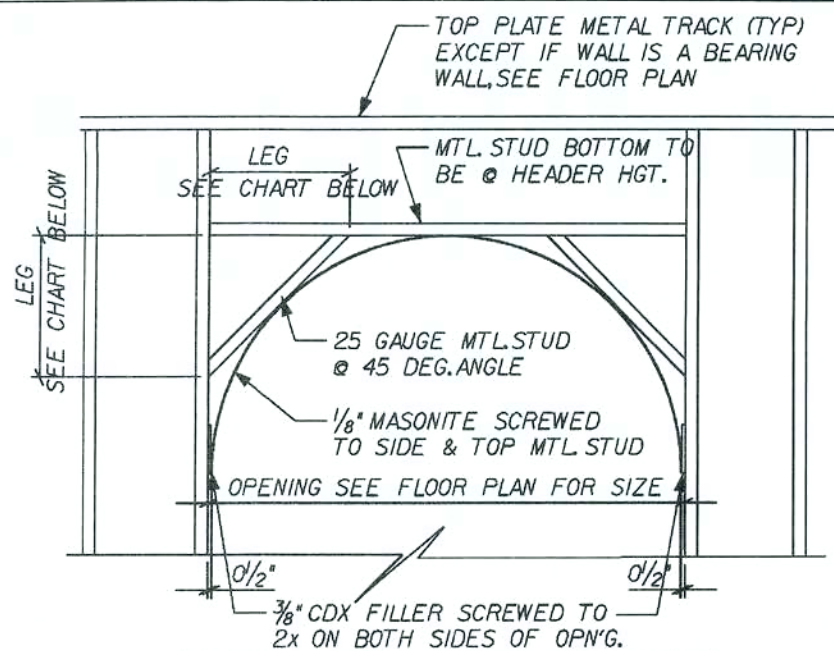
CONV. FRAMED HIP ROOF
SCALE: 1/2" = 1'-0"



FLOOR EDGE CORNER DETAIL
SCALE: 1/2" = 1'-0"

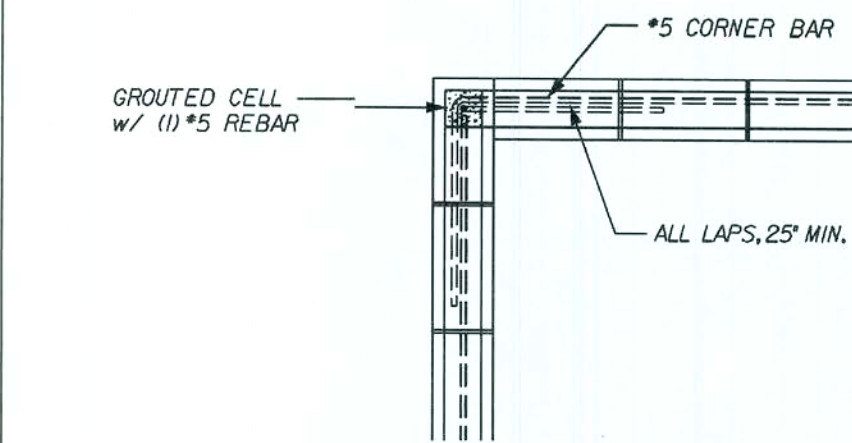


ANCHOR FASTENING SCHEDULE
MISSED ROOF TIE DOWN REPAIR
SCALE: N.T.S.

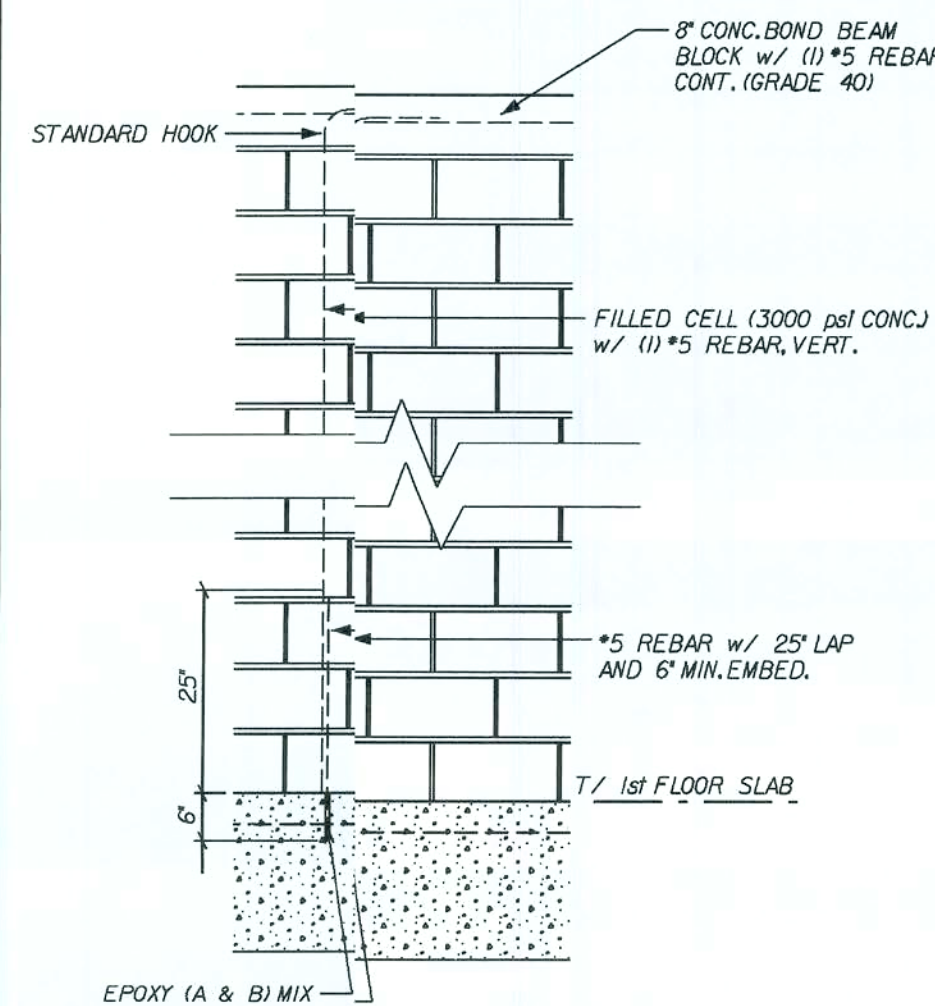


OPENING	LEGS
2'-0" x 2'-0" ARCH OPENING	7 1/2"
2'-7" x 2'-6" ARCH OPENING	8 1/8"
2'-9" x 2'-8" ARCH OPENING	9 1/16"
3'-0" x 3'-0" ARCH OPENING	10 1/8"
4'-0" x 4'-0" ARCH OPENING	15"
-	-

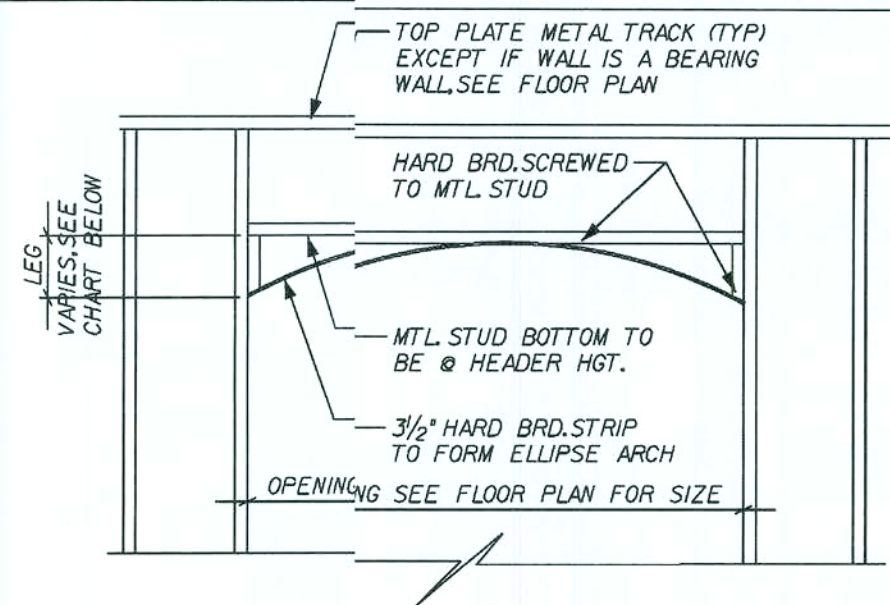
INTERIOR CURVED ARCH
SCALE: 1/2" = 1'-0"



TYPICAL BOND BEAM @ CORNER
REVISED 04-22-05
SCALE: 1/2" = 1'-0"



MISSED DOWN ROD REPAIR
SCALE: 1/2" = 1'-0"



OPENING	LEGS
2'-0" x 3'-0"	4"
3'-0" x 4'-0"	5 1/2"
4'-0" x 5'-0"	6 1/2"
5'-0" x 7'-0"	8"
7'-0" x 9'-0"	9 1/2"
9'-0" x 12'-0"	12"

INTERIOR ELLIPSE ARCH
SCALE: 1/2" = 1'-0"

REVISIONS :
03-22-06 ADDED CONV. ROOF DETAIL

FLORIDA

Maronda Homes

4005 MARONDA WAY SANFORD, FL 321-0064

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 - RESIDENTIAL AND 2006 SUPPLEMENT

COPYRIGHT © 2005 MARONDA HOMES
 STANDARD DETAILS
 AUSTIN 4
 GARAGE:
 DRAWN BY:
 RELEASE DATE: 10-18-04
 09/12/05

Maronda Systems
4005 Maronda Way
Sanford, FL 32711
(407)321-0064

Elmer Bergman, P.E.
License No. 50158

MAY 12 2008

SHEET:

SD1

FLORIDA BUILDING CODE 2004 - RESIDENTIAL

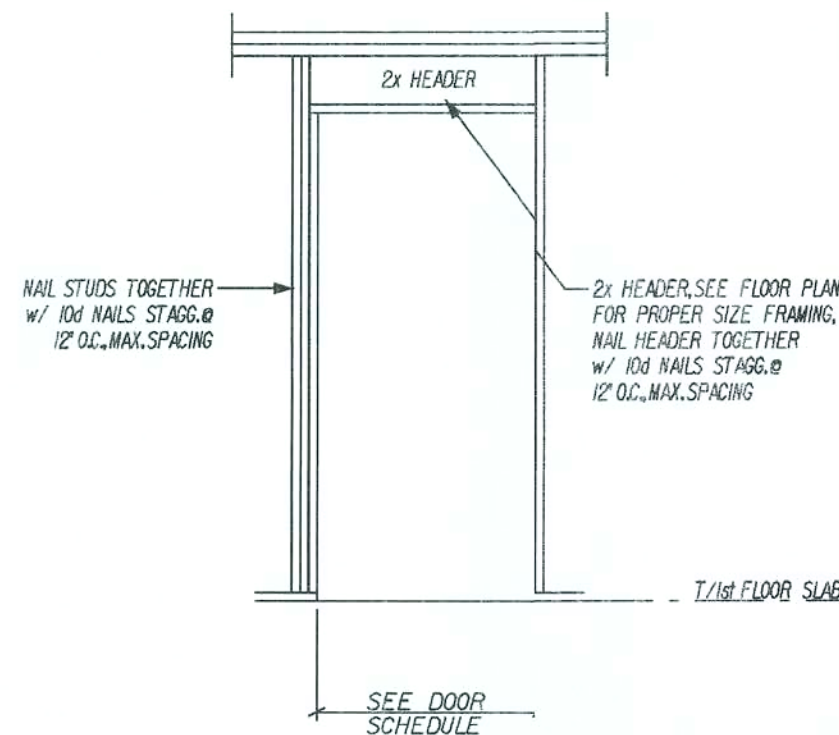
DOOR SCHEDULE

DOOR TYPE	ACTUAL SIZE	ROUGH FRAME OPENING	ROUGH BLOCK OPENING 2" BUCK
2-0 STANDARD I.S.	25 1/2" x 80 5/8"	26" x 80 5/8"	29" x 82 3/4"
2-6 STANDARD I.S.	33 1/2" x 80 5/8"	34" x 80 5/8"	37" x 82 3/4"
2-10 STANDARD I.S.	35 1/2" x 80 5/8"	36" x 80 5/8"	39" x 82 3/4"
3-0 STANDARD I.S.	37 1/2" x 82"	38" x 82 1/4"	41" x 82 3/4"
3-0 w/SIDE LIGHT I.S.	51 1/8" x 82"	51 5/8" x 82 1/4"	54 3/8" x 82 3/4"
3-0 w/12 SIDE LIGHT I.S.	64 1/2" x 82"	65" x 82 1/4"	68" x 82 3/4"
5-8 (12)10 FRENCH I.S.	70 1/2" x 80 5/8"	71" x 80 5/8"	74" x 82 3/4"

** FINISH OPENING IS DETERMINED BY ACTUAL SIZE 1/4" FOR HEIGHT
 ** FINISH OPENING IS DETERMINED BY ACTUAL SIZE 1/2" FOR WIDTH
 ** O.S. = OUTSWING
 ** I.S. = INSWING

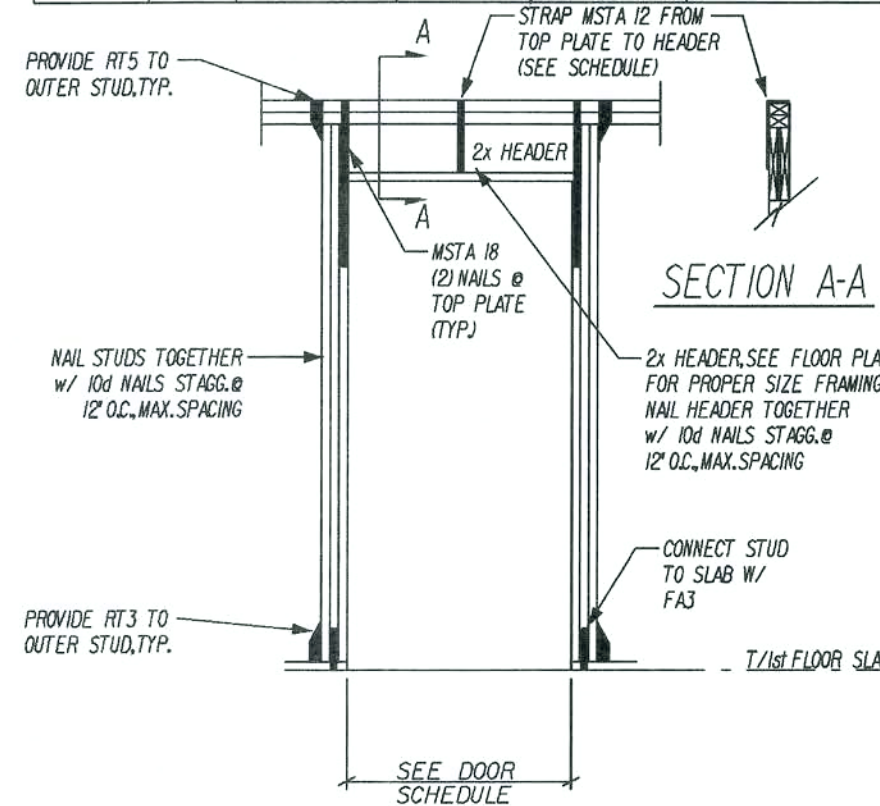
REVISED 02-15-07
 83 3/4" -> 82 3/8"

MAX. OP'NG SIZE	JACKS @ EA. END	HEADER SIZE	STUDS @ EA. END 8'-0" MAX. HGT.	STUDS @ EA. END 10' MAX. HGT.	MSTA 12
2'-3"	(1)	2x HEADER, SEE FLOOR PLAN FOR PROPER SIZE FRAMING	1	2	N/A
3'-3"	(1)		2	2	(1) @ CEN. OF HDR.
6'-3"	(1)		2	3	(1) @ 2'-0" OFF EA. END OF HDR.

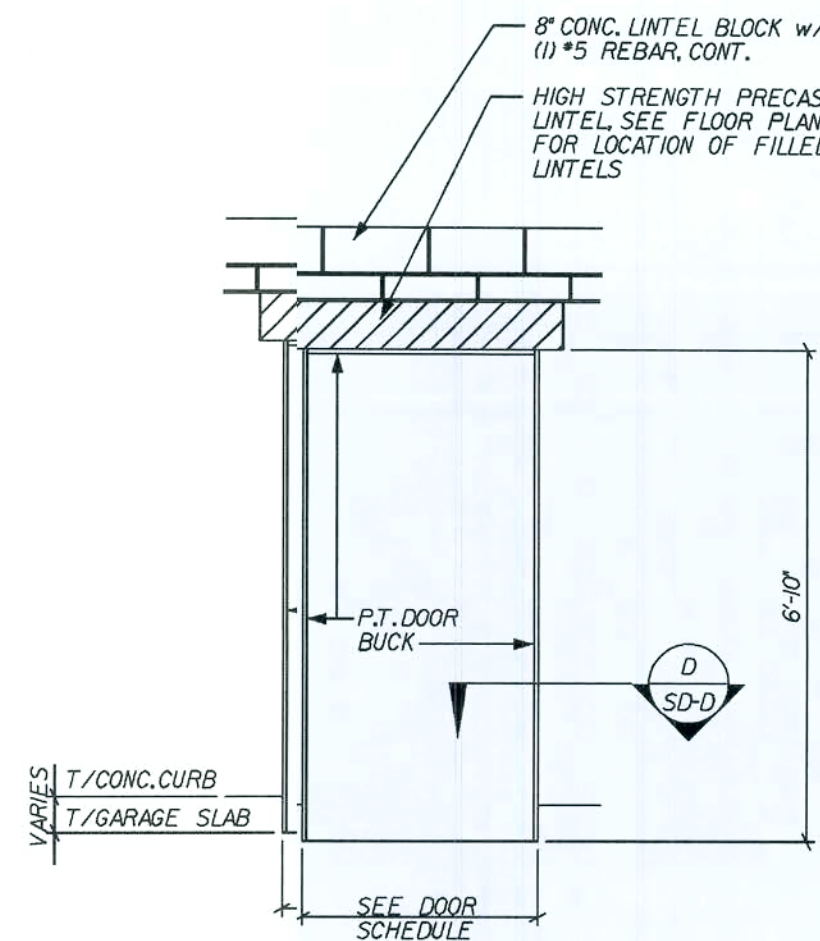


(K) STD. DOOR - WD FRAME, NO-ULIFT
 SCALE: N.T.S.

MAX. OP'NG SIZE	JACKS @ EA. END	HEADER SIZE	STUDS @ EA. END 8'-0" MAX. HGT.	STUDS @ EA. END 10' MAX. HGT.	MSTA 12
2'-3"	(1)	2x HEADER, SEE FLOOR PLAN FOR PROPER SIZE FRAMING	1	2	N/A
3'-3"	(1)		2	2	(1) @ CEN. OF HDR.
6'-3"	(1)		2	3	(1) @ 2'-0" OFF EA. END OF HDR.

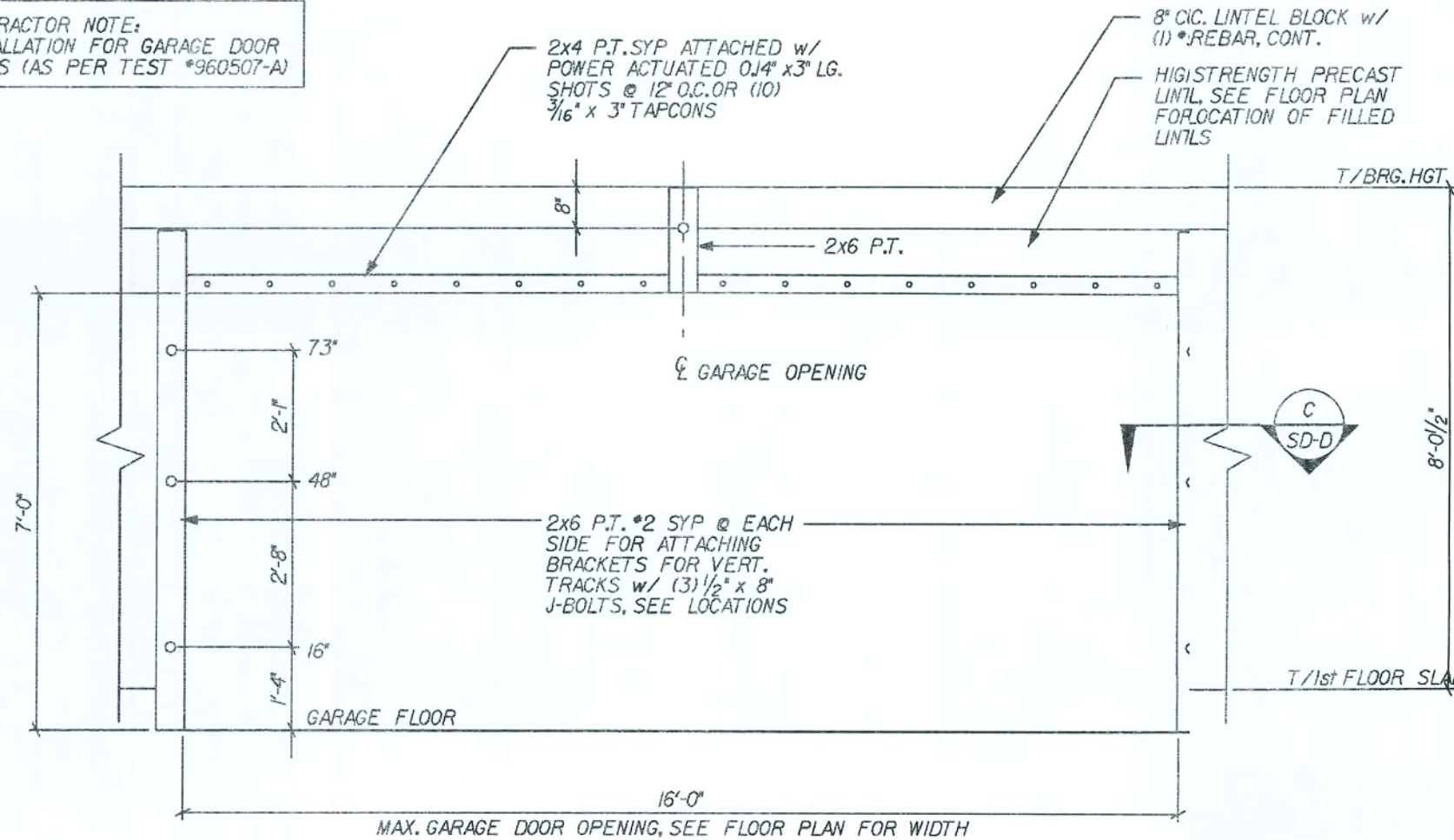


(J) STD. DOOR - WD FRAME, UPLIFT
 SCALE: N.T.S.

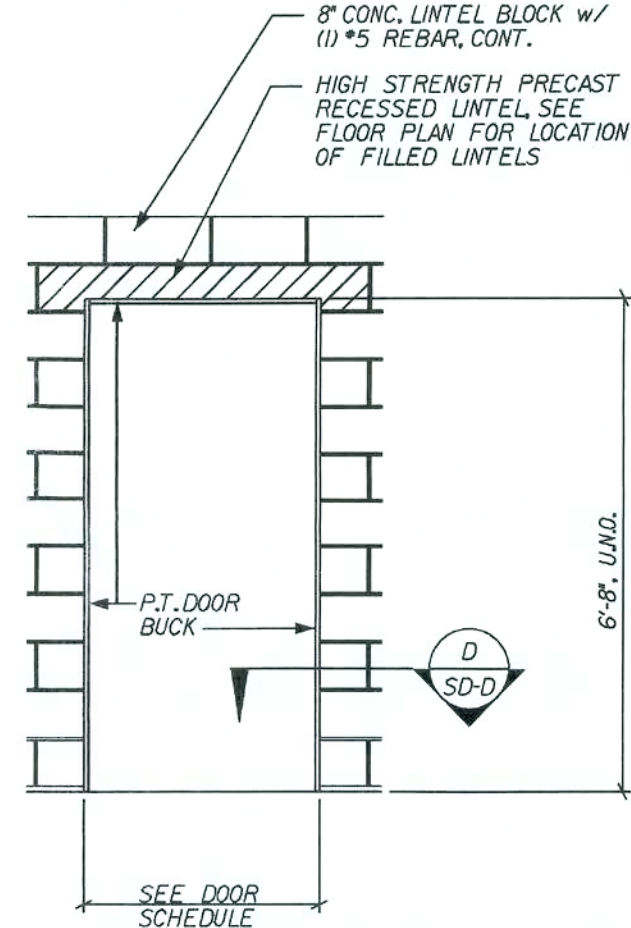


(H) OPTIONAL SERVICE DOOR
 REVISED 08-12-04
 SCALE: 3/8" = 1'-0"

CONTRACTOR NOTE:
 INSTALLATION FOR GARAGE DOOR TYPES (AS PER TEST *960507-A)

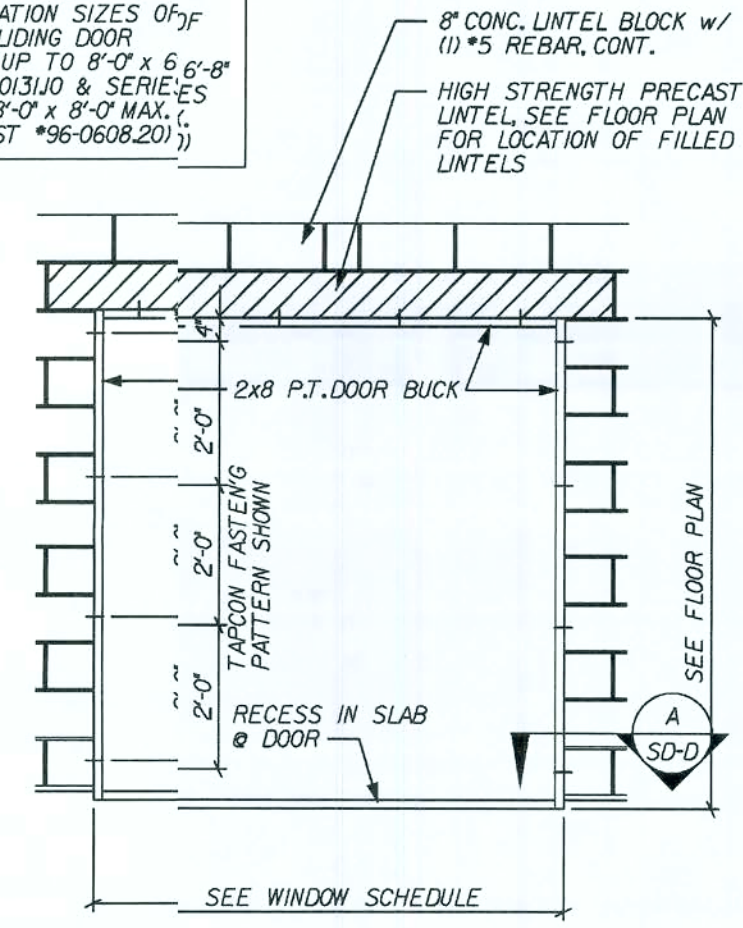


(G) GARAGE DOOR ELEVATION
 SCALE: 3/8" = 1'-0"

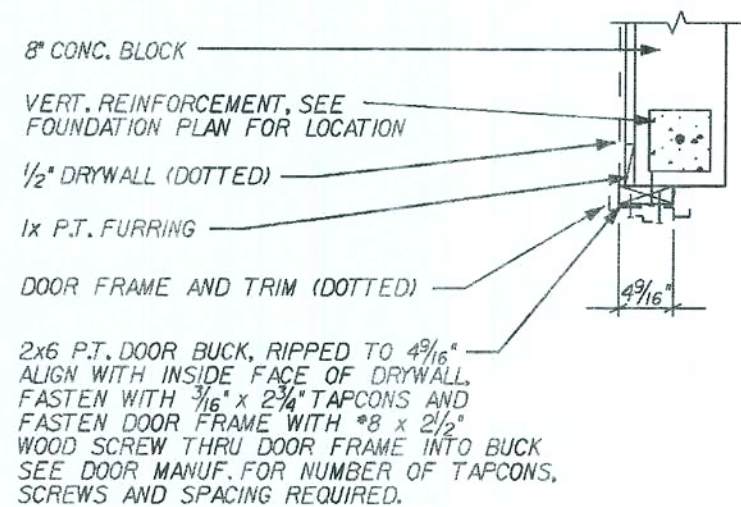


(F) STANDARD DOOR ELEVATION
 SCALE: 3/8" = 1'-0"

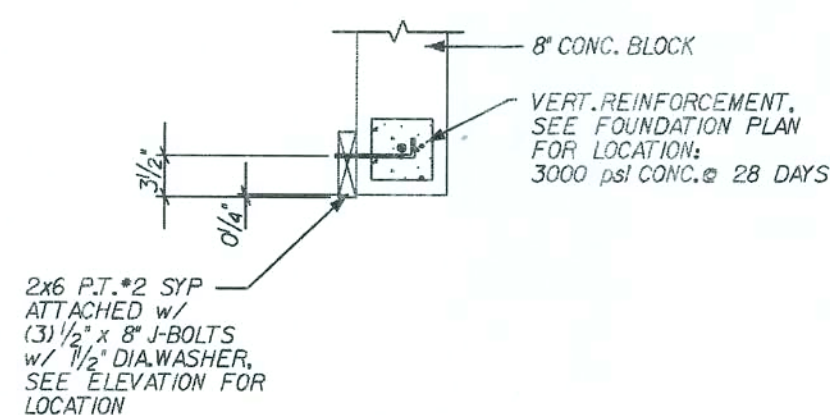
CONTRACTOR NOTE:
 FOR INSTALLATION SIZES OF JF NORANDEX SLIDING DOOR SERIES 500 UP TO 8'-0" x 6'-8" AS PER *96-013100 & SERIES 502 UP TO 8'-0" x 8'-0" MAX. (AS PER TEST *96-0608.20))



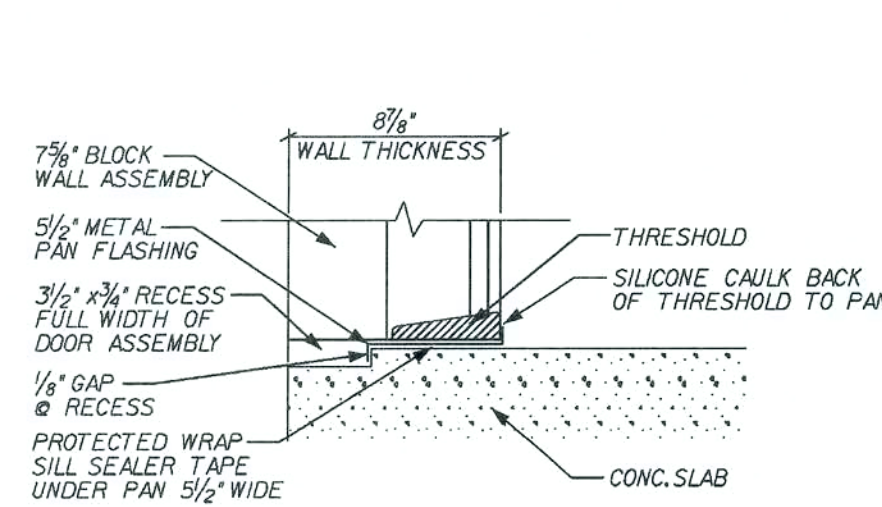
(E) SLIDING GLASS DOOR ELEVATION
 SCALE: 3/8" = 1'-0"



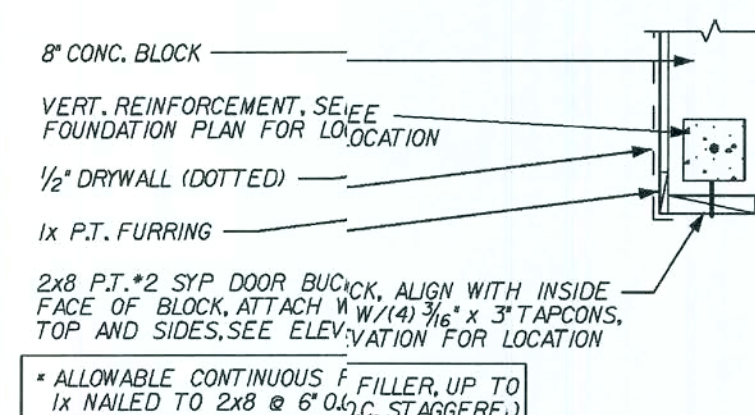
(D) 2x DOOR BUCK DETAIL
 SCALE: 3/4" = 1'-0"



(C) GARAGE DOOR BUCK DETAIL
 SCALE: 3/4" = 1'-0"



(B) DOOR PAN FLASHING
 REVISED 06-08-06
 NEW DETAIL
 SCALE: 3/4" = 1'-0"



(A) SLIDING GLASS DOOR BUCK DETAIL
 REVISED 10-21-04
 SCALE: 3/4" = 1'-0"

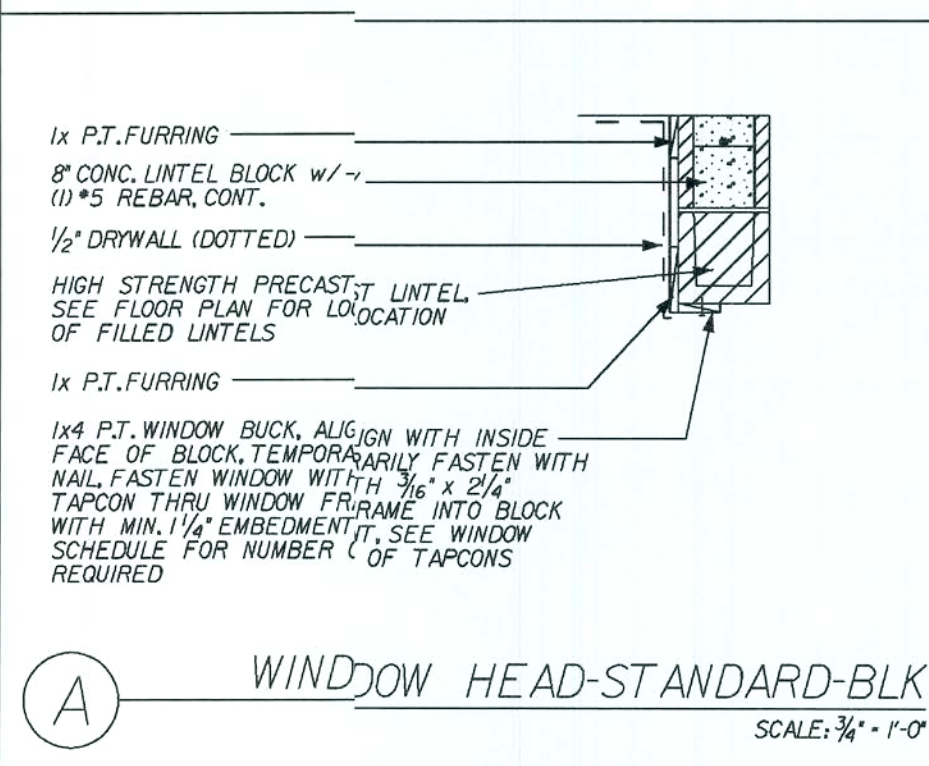
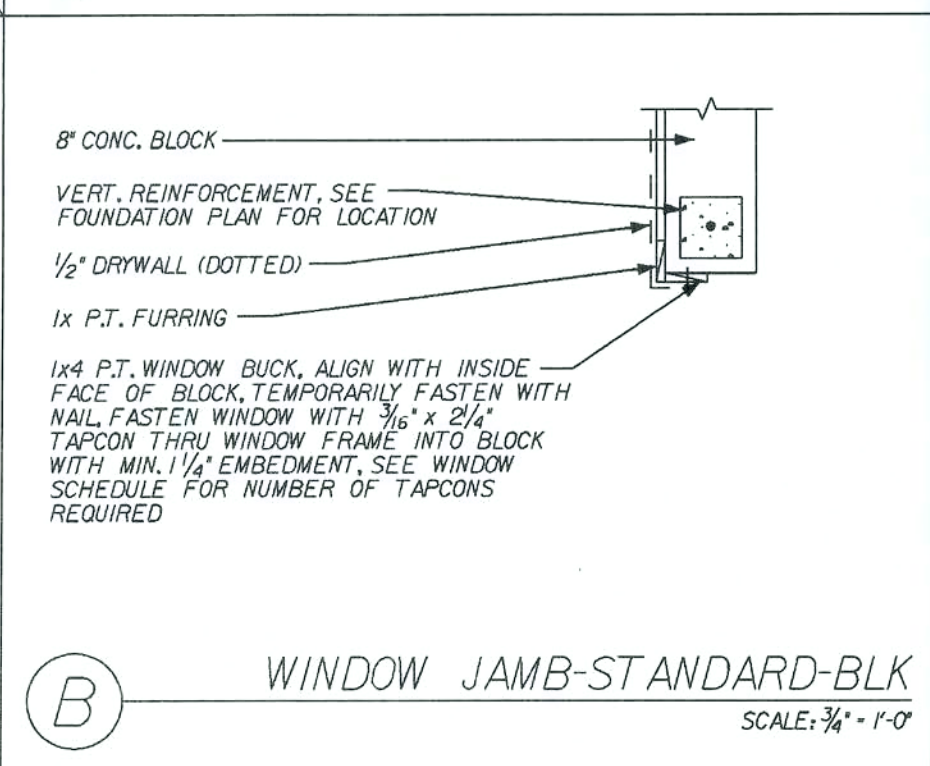
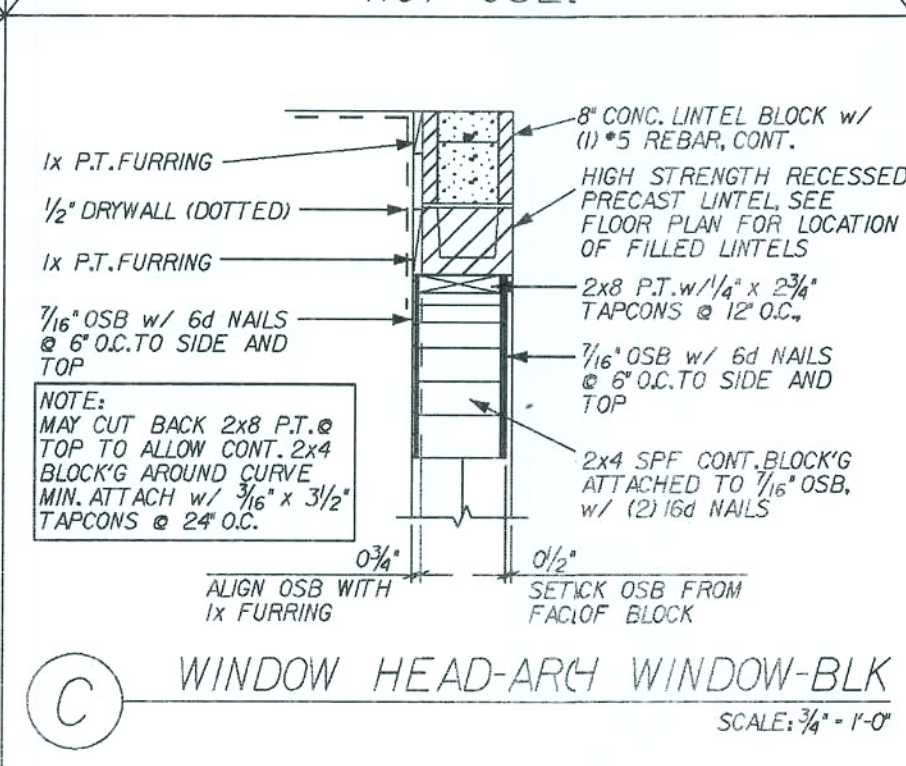
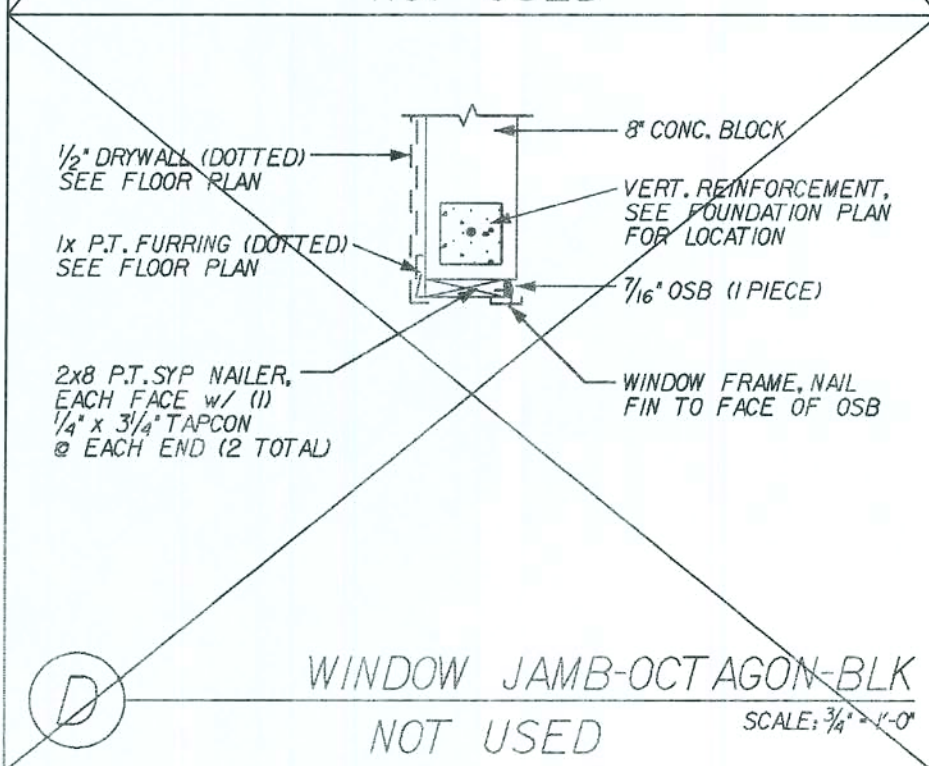
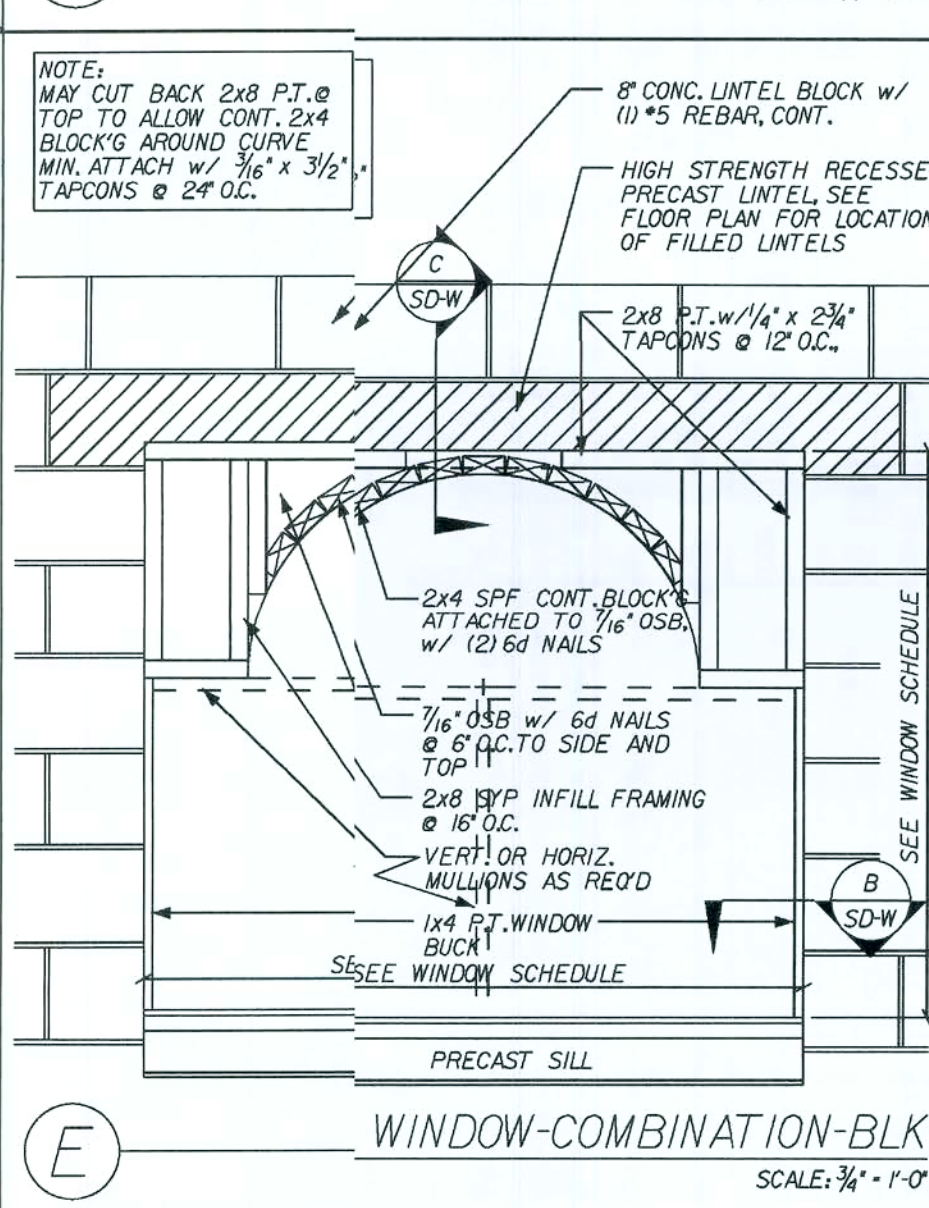
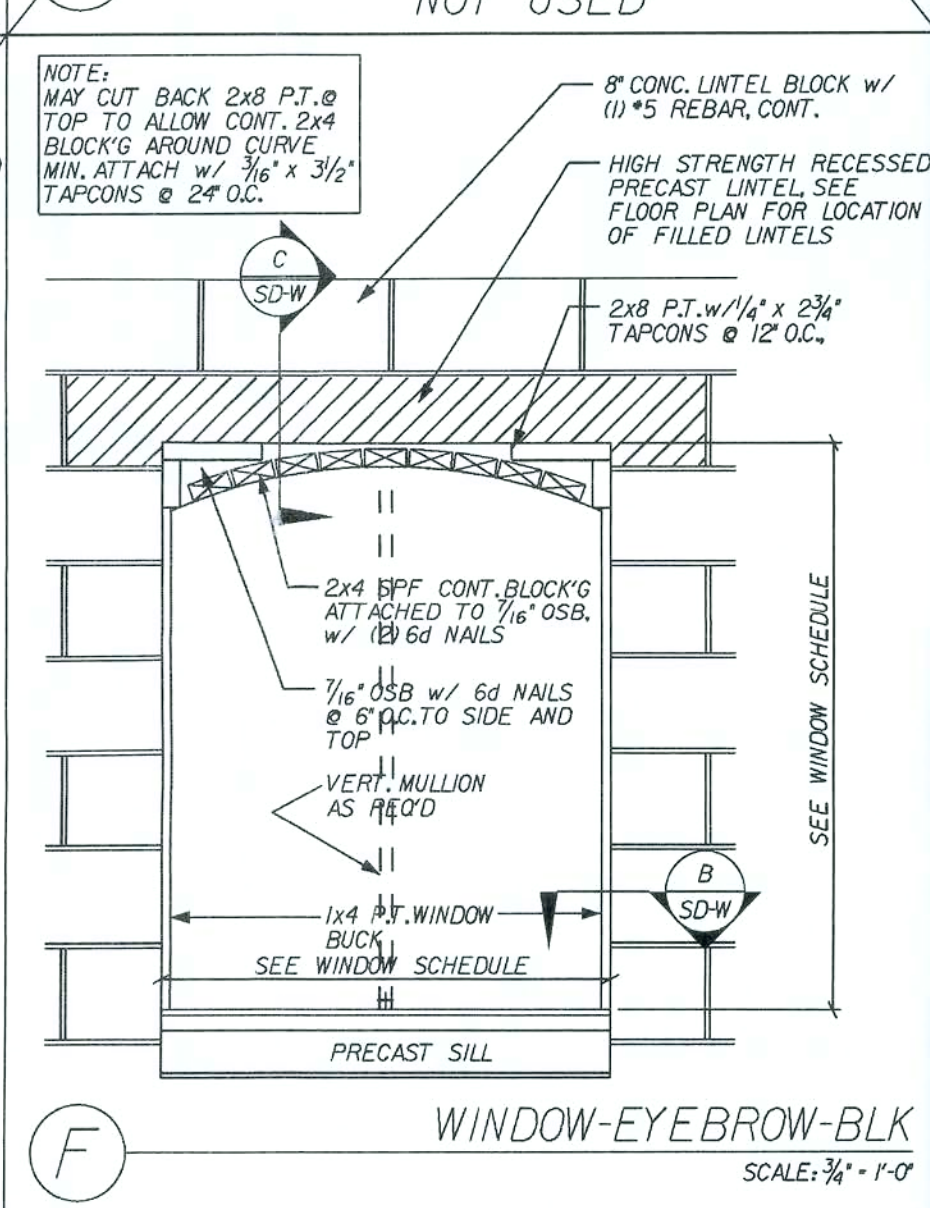
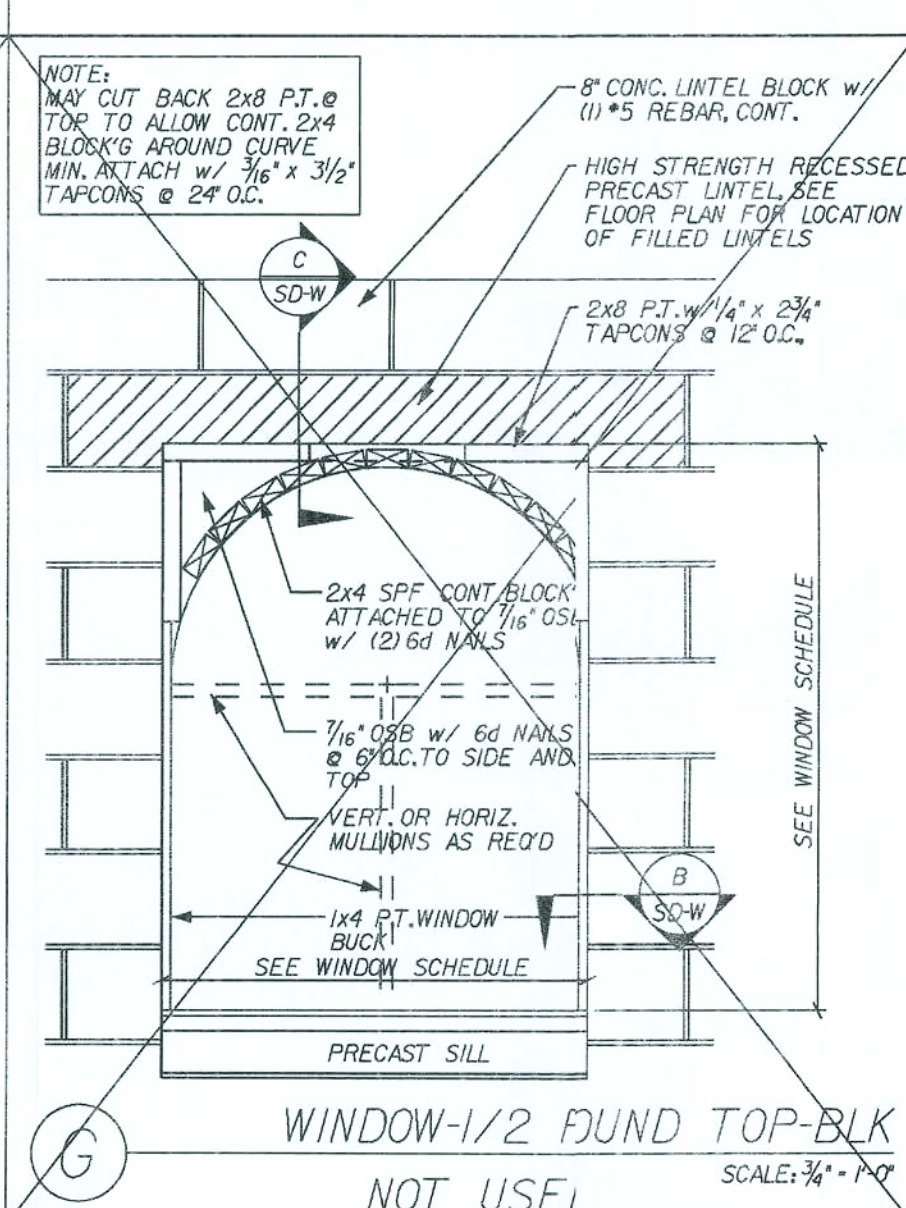
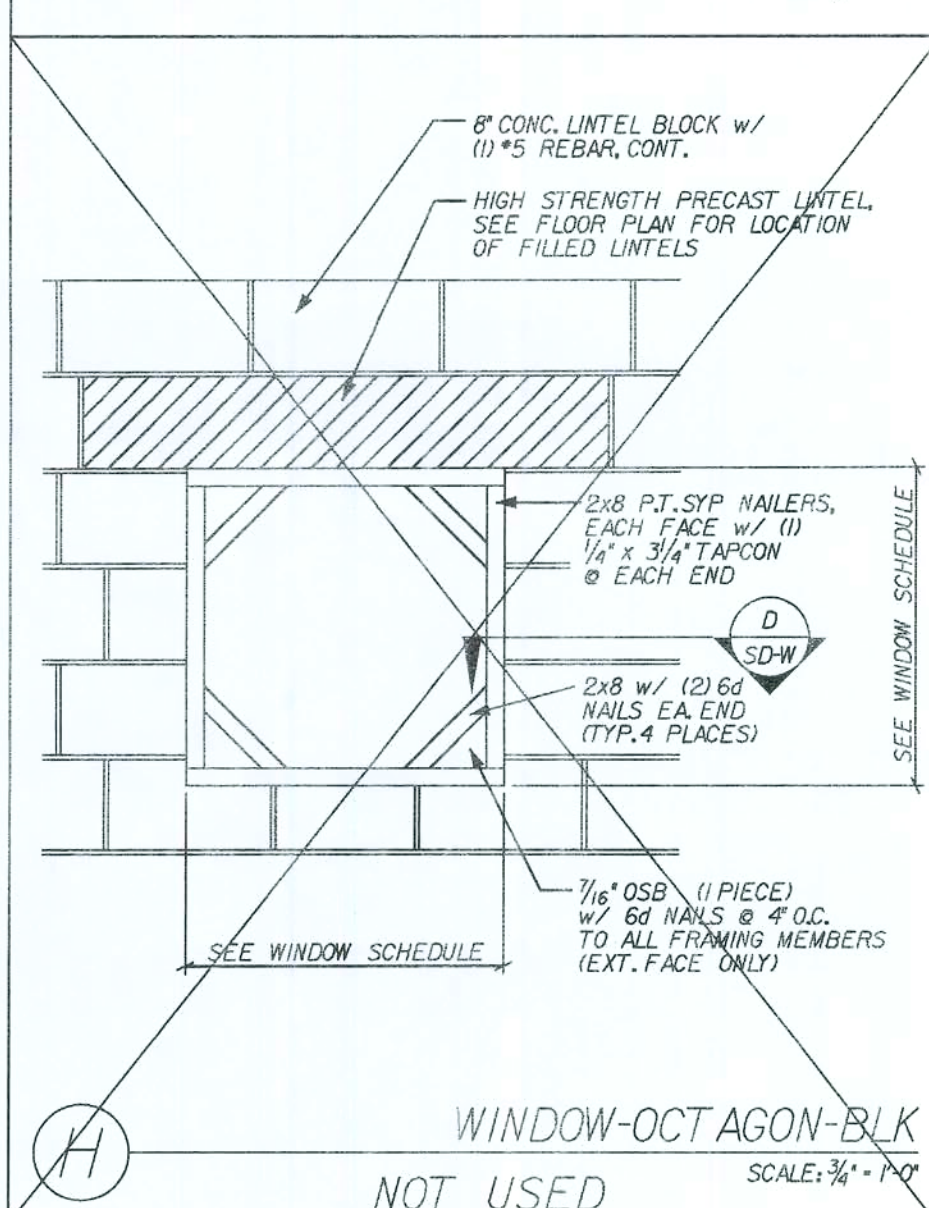
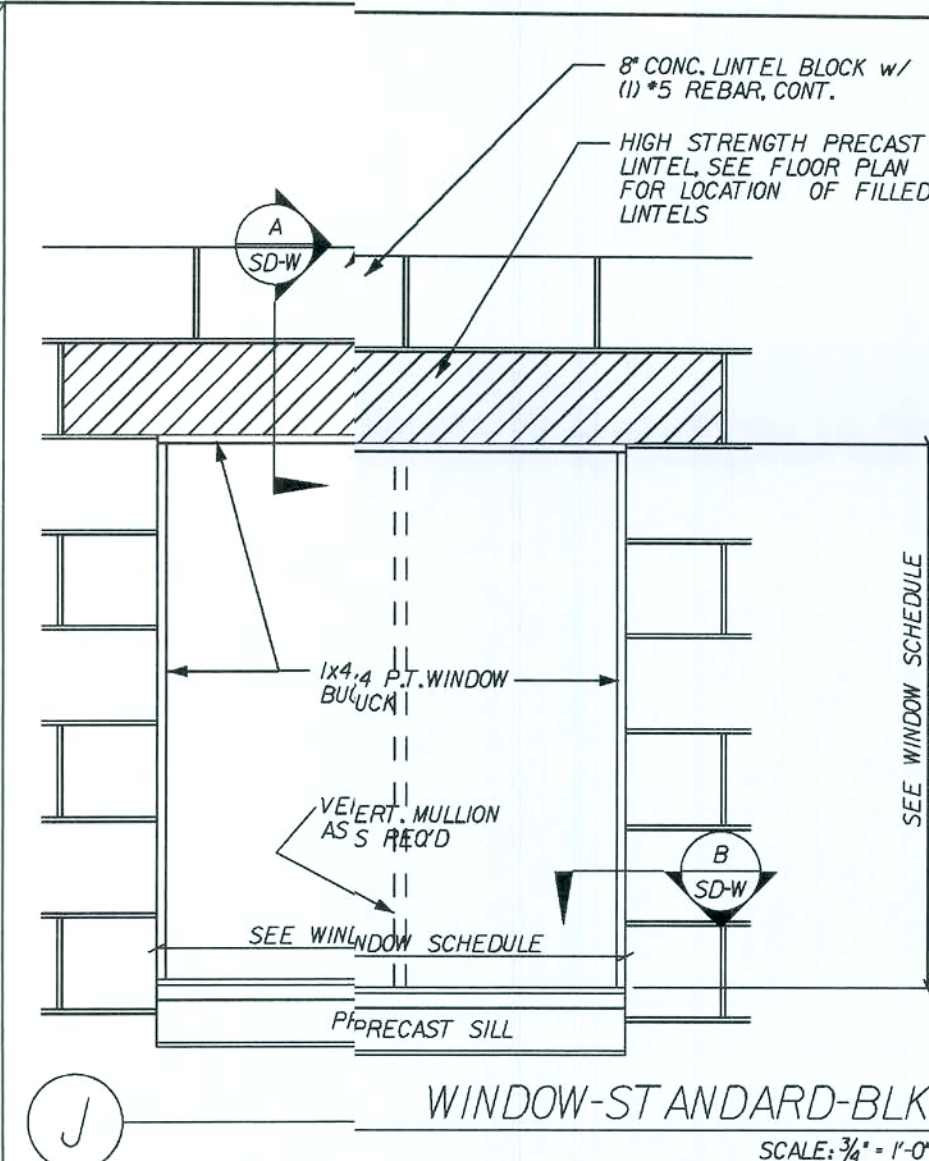
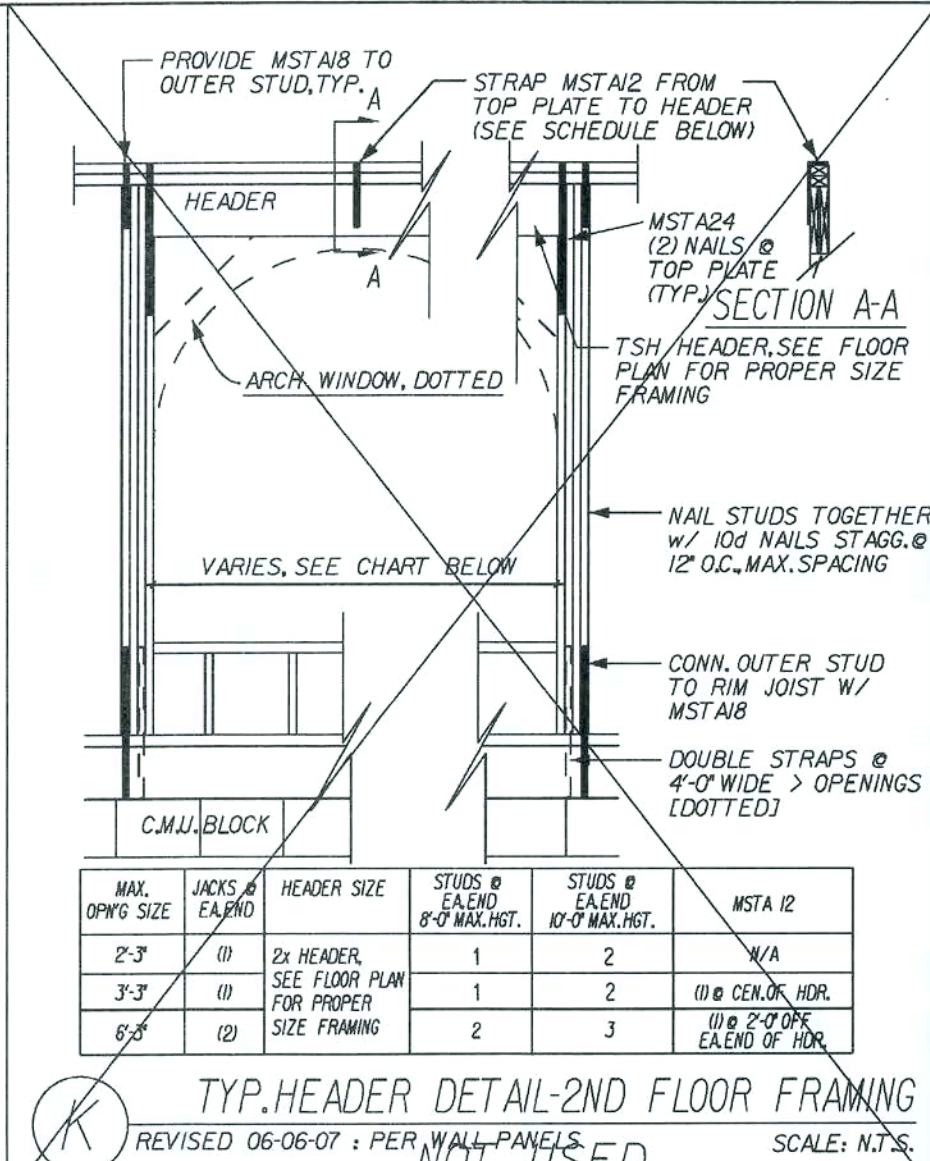
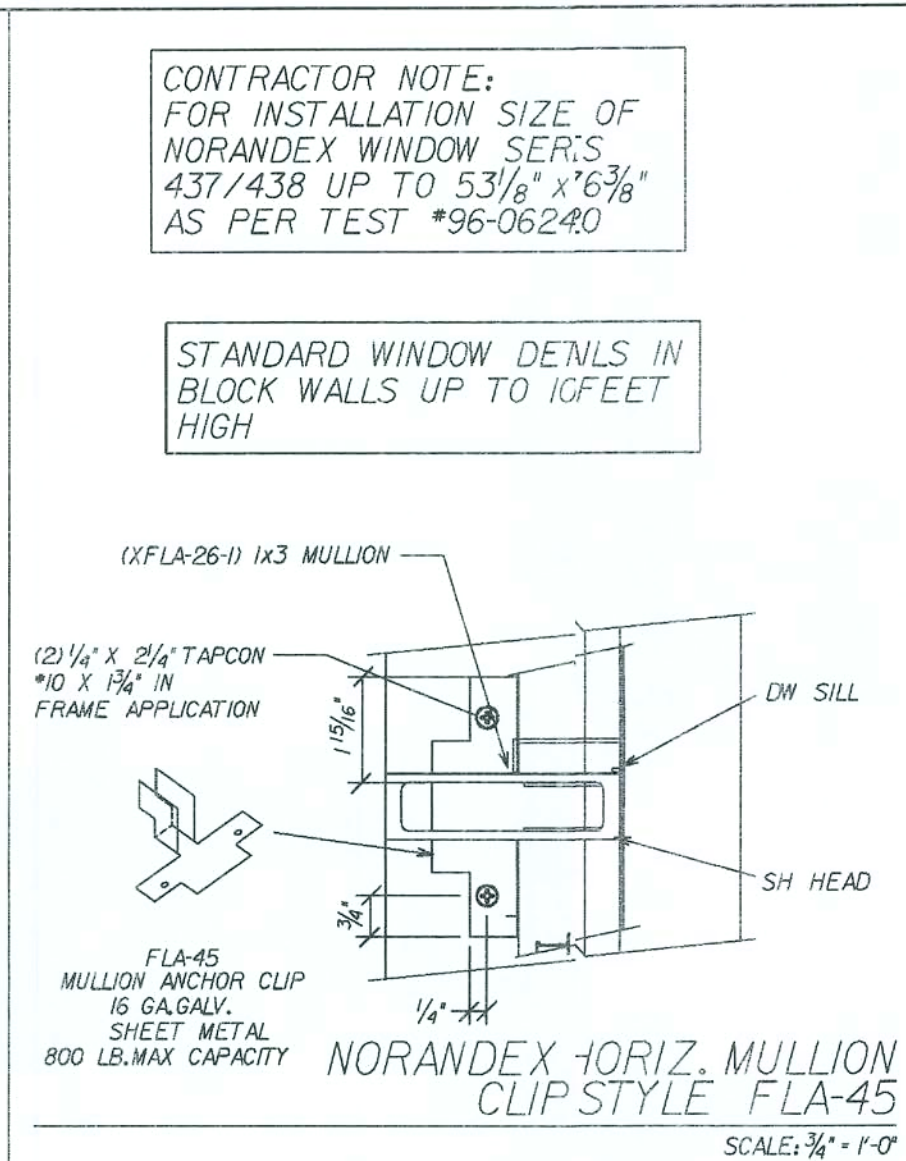
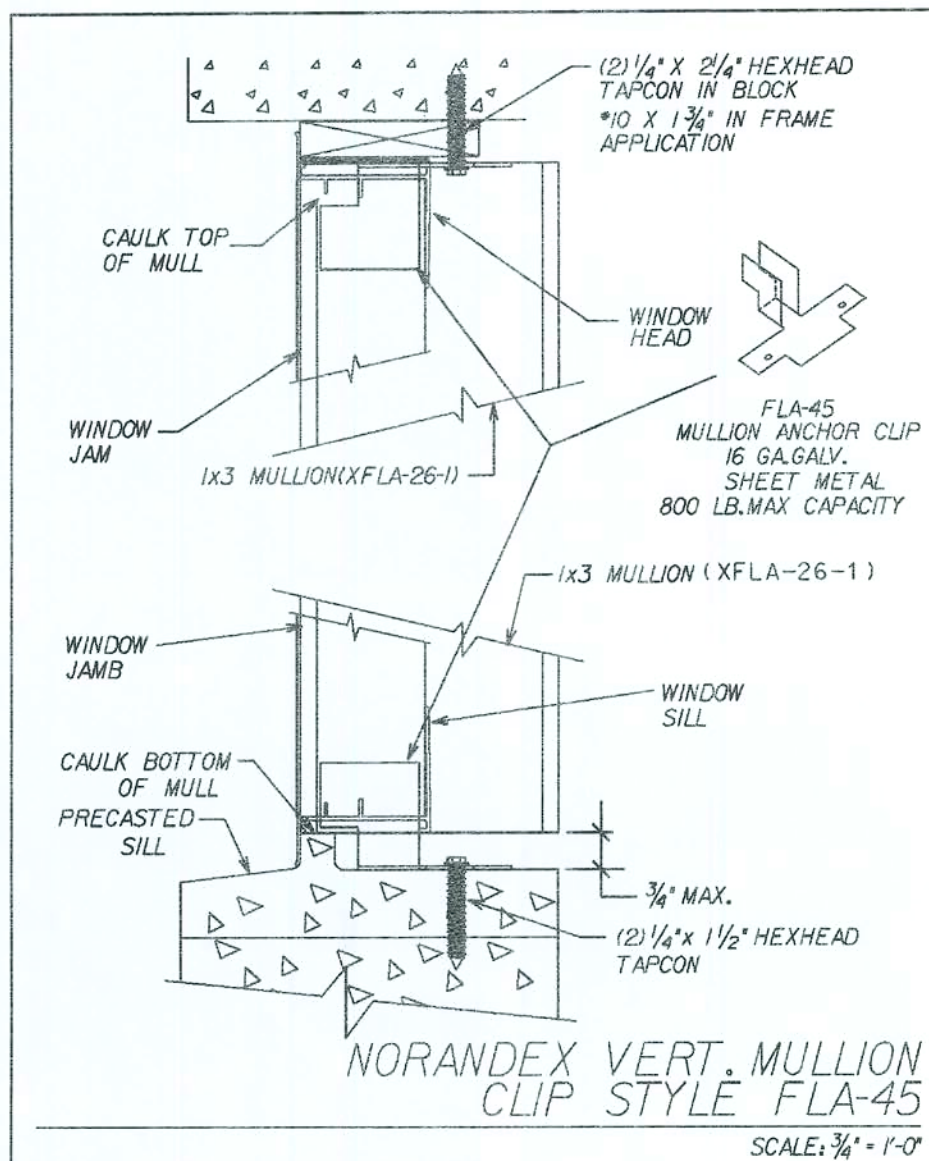
REVISIONS:	06-20-06 ADDED DOOR PAN DETAIL
------------	--------------------------------

Maronda Homes
 4005 MARONDA WAY SANFORD, FLORIDA 32771
 (407) 321-0064
 FLORIDA RESIDENTIAL BUILDING CODE 2004: RESIDENTIAL AND 2006 SUPPLEMENT

AUSTIN 4
 DOORS STANDARD DETAILS
 DRAWN BY: GARAGE:
 RELEASE DATE: 10-18-04
 0915600

Maronda Systems
 4005 Maronda Way
 Sanford, FL 32771
 (407) 321-0064
 Elmer Bergman, P.E.
 License No. 50158
 MAY 12 2008

SHEET:
SD-D
 PLOT DATE: 04 DEC 2007



REVISIONS:

Maronda Homes
4005 MARONDA WAY SANFORD, FLORIDA 321-0064
FLORIDA: THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 RESIDENTIAL AND 2006 SUPPLEMENT

WINDOWS STANDARD DETAILS
AUSTIN 4

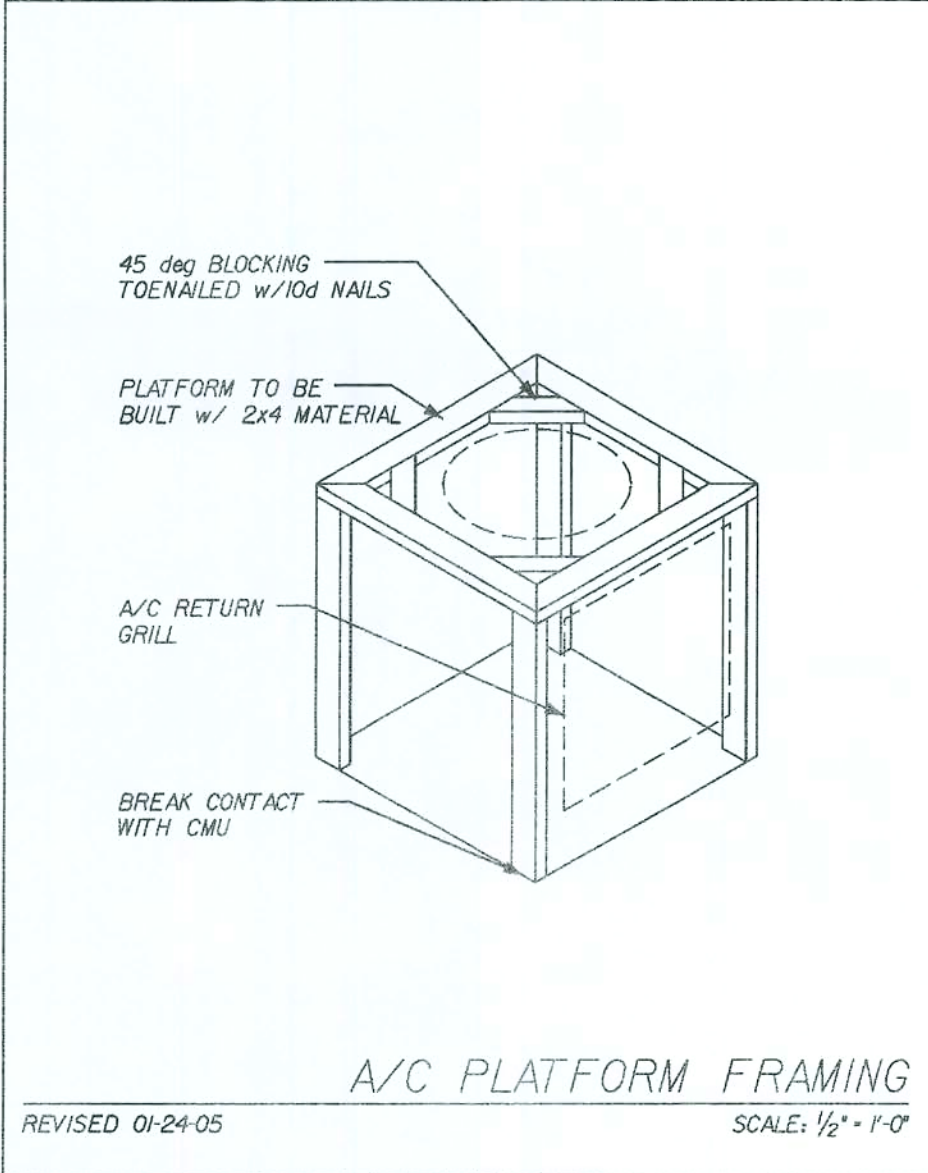
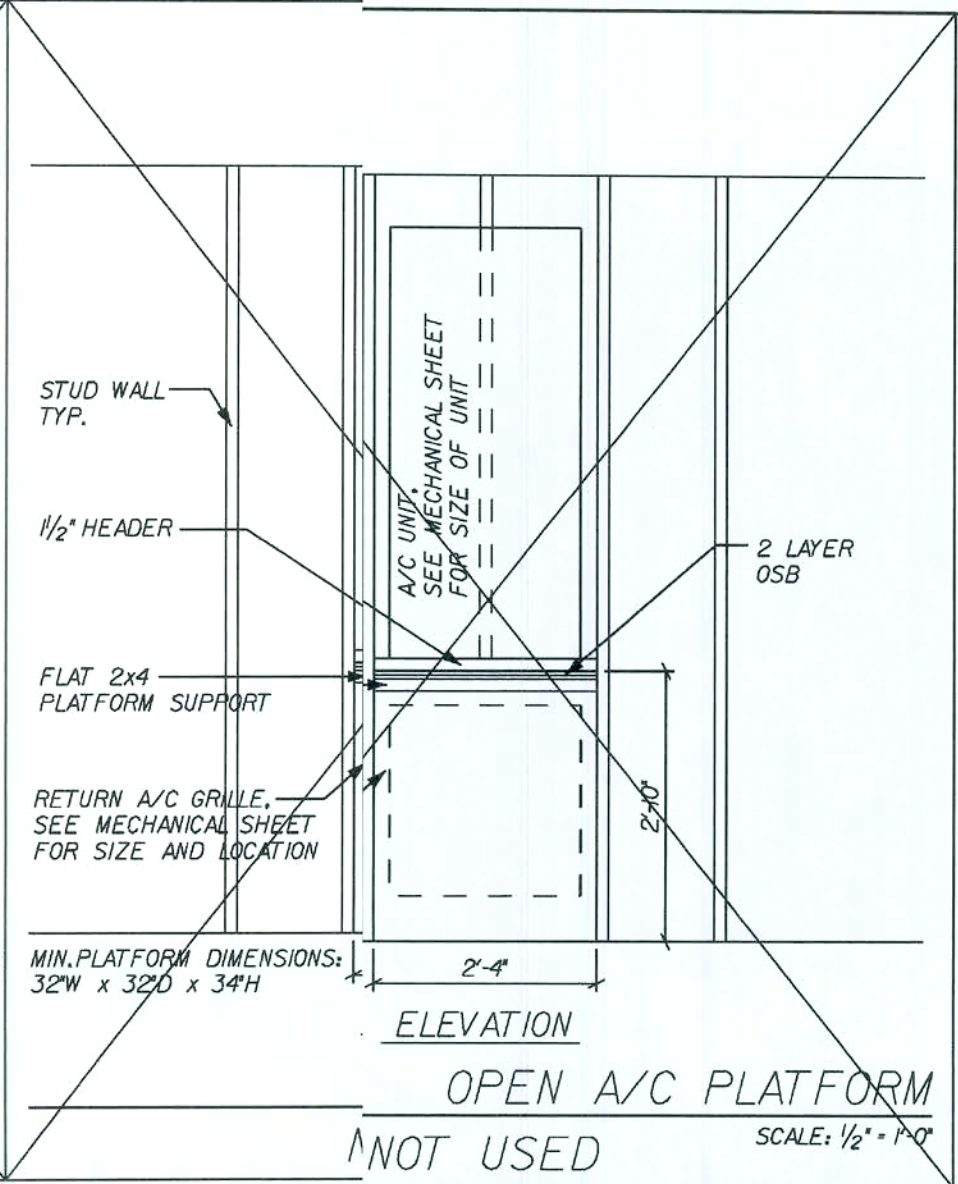
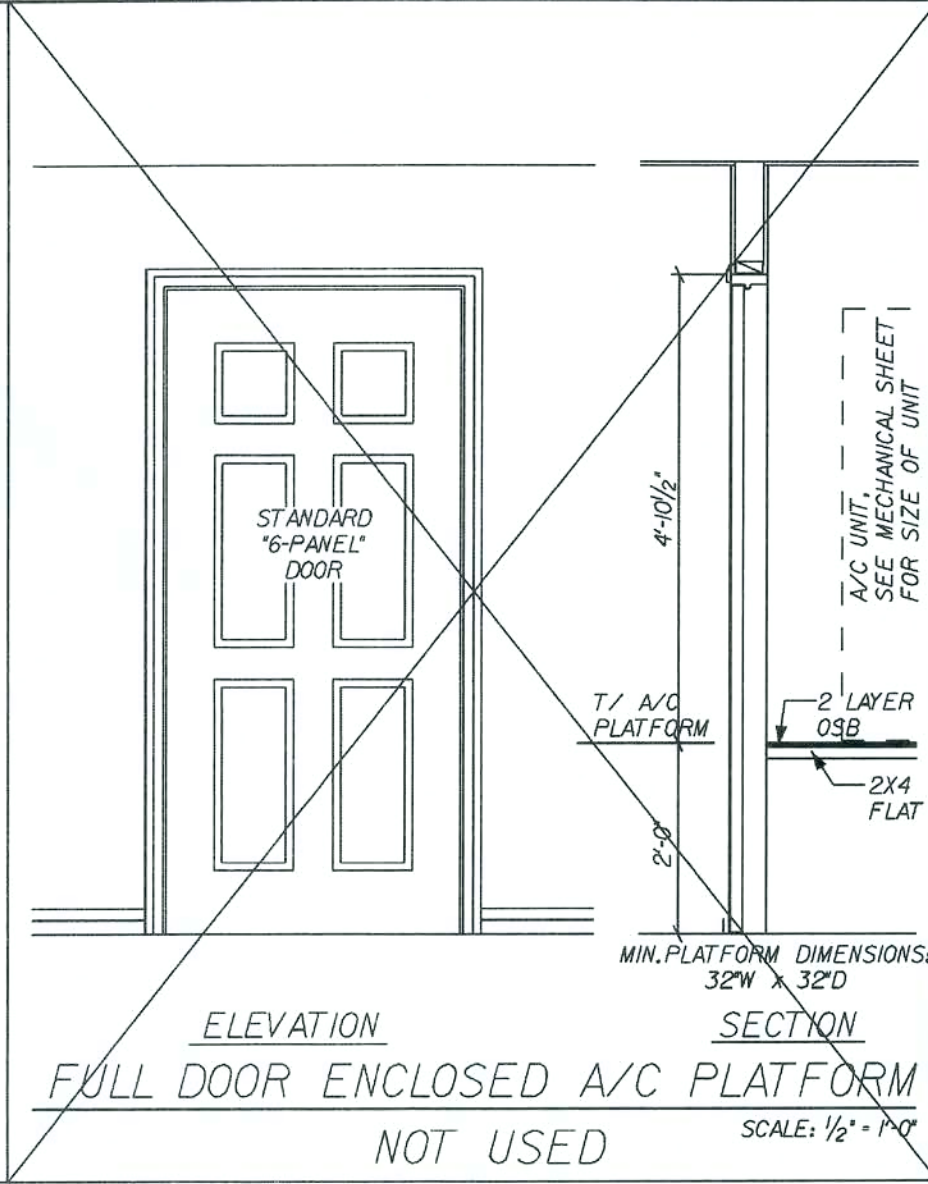
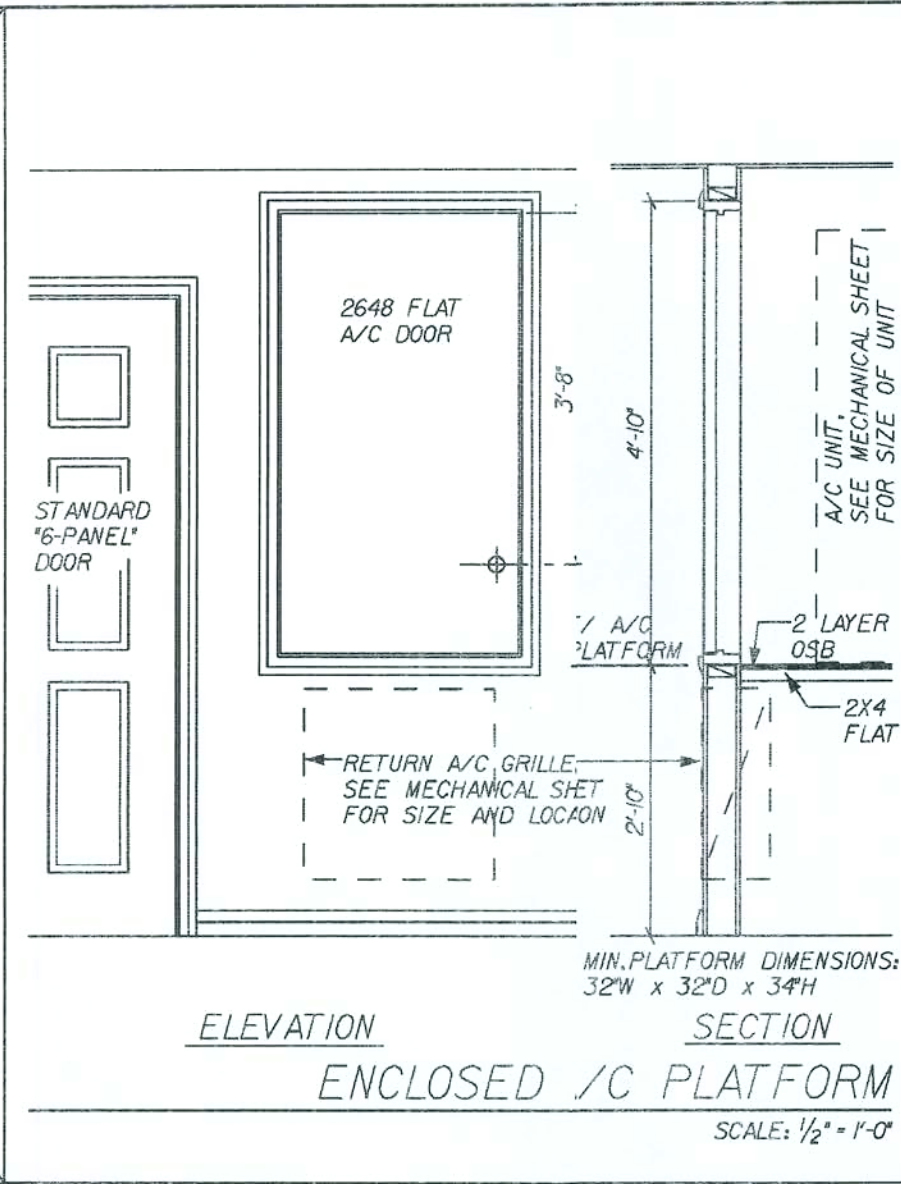
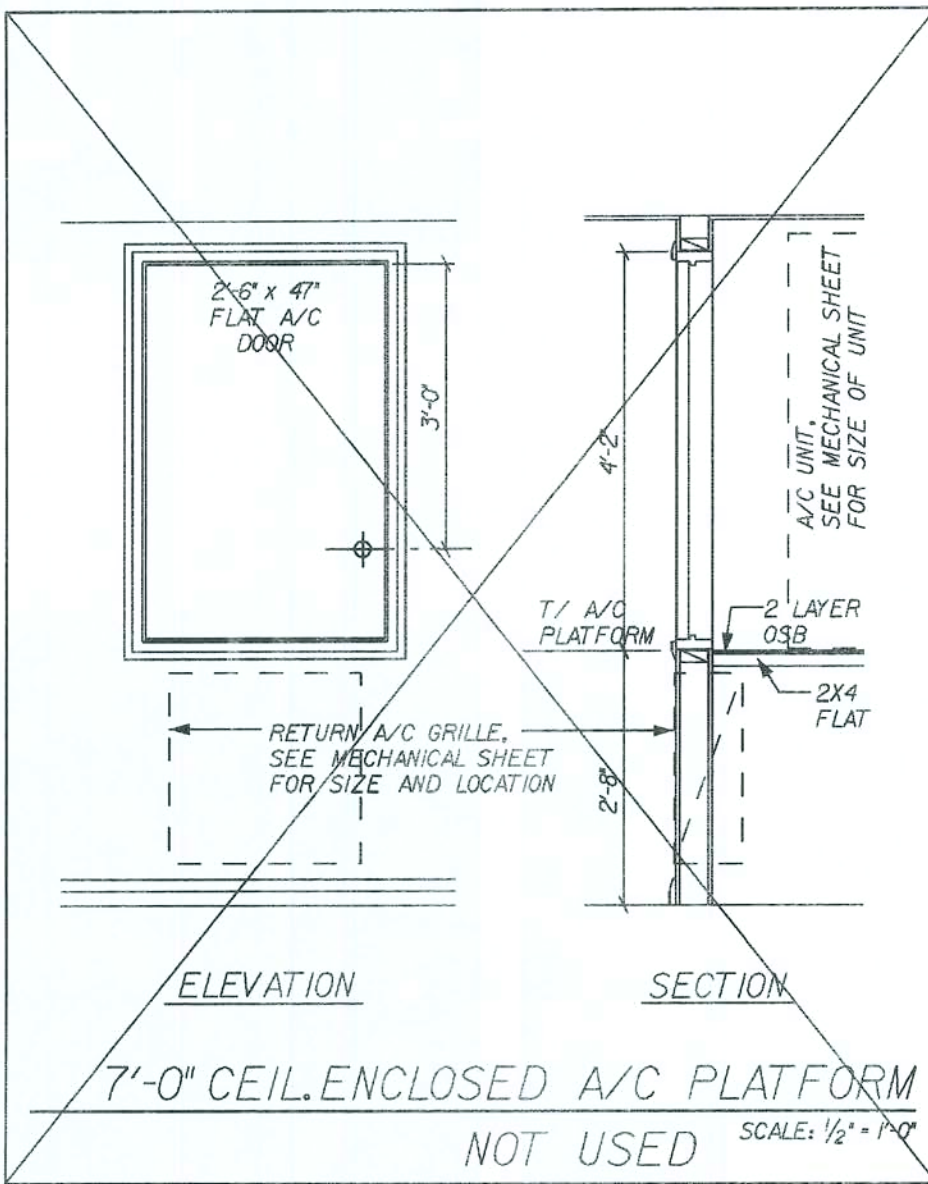
DRAWN BY: GARAGE:
RELEASE DATE: 10-18-04
091362

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

Elmer Bergmaier, P.E.
License No. 50158
MAY 12 2008

SHEET:
SD-W

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



REVISIONS :	
Maronda Homes 4005 MARONDA WAY SANFORD, FLORIDA (407) 321-0064 THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE RESIDENTIAL AD2005, 2006 SUPPLEMENT	
PLATFORM	STANDARD DETAILS
AUSTIN 4	
DRAWN BY:	GAPAGE:
RELEASE DATE: 10-18-04	
Maronda Systems 4005 Maronda Way Sanford, FL 32771 (407)321-0064	
<i>Elmer Bergman, P.E.</i> Elmer Bergman, P.E. License No. 50158	
MAY 12 2008	
SHEET:	
SD-H	
PLOT DATE: 04 DEC 2007	



General Notes Drawing for Milestone Series 1000, 1500, 2000 and 3000 Non-Impact Resistant Aluminum Window and Patio Sliding Glass Door Installation Details

These notes are provided to ensure proper installation of Florida Extruders Milestone Non-Impact Resistant Aluminum Fenestration Products and must be followed fully. This General Notes drawing shall be used in tandem with the product specific installation drawing

A) General Assembly Installation Instructions

1) SHIMMING:

- FLANGE FRAME WINDOWS - Shim as required at each installation fastener with load bearing shim. The maximum allowable shim stack is 1/4".
- FIN FRAME WINDOWS - Shim as required at each installation fastener with load bearing shim. The maximum allowable shim stack is 1/4". Apply a bead of Vulkem 116 adhesive sealant or approved equal at the fastener location prior to installing the shim to adhere the shim to the substrate and/or window frame. Full backing between the shim, substrate and window frame are required.
 - In the case where the nailing option is employed with finned windows, shims can be limited to the load on spacing where wood screws are required. It is not imperative that the shim be concurrent with the nail.
- SLIDING GLASS DOORS - Shim as required at each installation fastener with load bearing shim. The maximum allowable shim stack is 1/4". Load bearing shim at all must be pressure treated wood or plastic and must be completely encapsulated in sealant or set in wet concrete.

2) SEALING BETWEEN FENESTRATION PRODUCT AND SUBSTRATE & SILL SEAM SEALANT (See Disclaimer Statement Above)

- GENERAL - SEALANT TYPE (Not applicable when a specific brand or type is required)
 - Sealant type shall be chosen based on the sealant manufacturer's recommendation as it relates to materials to be sealed, environmental conditions and intended use.
- WINDOWS - FLANGE FRAME
 - Adhesive Seal - REQUIRED
 - Use Vulkem 116 adhesive sealant or approved equal between window's integral mullion fin and precast concrete sill (or other sub construction) along full length of sill.
 - Application of Vulkem 116 adhesive sealant or approved equal must comply with sealant manufacturer's recommendations.
 - Sealant - RECOMMENDED (see Disclaimer)
 - Use sealant behind window flange at head and jambs.
 - Use sealant for perimeter seal around exterior of flange window mounting fin and to seal heads of installation fasteners.
- WINDOWS - FIN FRAME
 - Adhesive Seal - NOT REQUIRED
 - Sealant - RECOMMENDED (see Disclaimer)
 - Use sealant behind window flange at head, sill and jambs.
 - Use sealant for perimeter seal around exterior of flange window mounting fin and to seal heads of installation fasteners.

3) MATERIALS

- Window and sliding glass door frame material is Aluminum Alloy 6063 T6.
- Concrete Screws shall meet the minimum requirements of Note 1.
- Wood Screws shall meet the requirements of Note 8.
- Tapping (i.e. Sheet Metal) Screws when used in lieu of Wood Screws shall meet the requirements of Note 8.
- Nails shall meet the requirements of Note 9.
- Corrosive Resistance Coatings for installation fasteners shall meet the requirements of Note 5.
- Concrete block or concrete masonry units (CMU) shall meet the requirements of ASTM C90.
- Concrete shall meet the minimum requirements of the Florida Building Code (minimum compressive strength of 2500 psi).

4) BUCKING

- One by (1x) wood bucking
 - Applies to all non-structural bucks less than 1 1/2" thickness. It is not intended to be nominal one by wood buck only.
 - One by wood bucking shall be secured to the substrate (masonry, concrete or structural) wood bucking or framing using fasteners suitable for the application.
 - If the product specific installation drawing does not specify fastener requirements for the bucking, they shall be followed.
 - If the product specific installation drawing does not specify fastener requirements for the bucking, fastening must only be sufficient to maintain position of the bucking during window installation.
 - Installer, builder or design professional of record may specify method to secure one by wood bucking to substrate to facilitate window installation.
 - Two by (2x) wood bucking or framing:
 - Applies to all structural wood bucks and/or framing at the head, sill, jamb or sill equal to and greater than 1 1/2" thickness.
 - They shall be securely fastened to transfer the load to the masonry, concrete or other structural substrate per 2001 FBC, Section 1707.4.4, 2004 FBC Building, Section 1717.5.4 and 2004 FBC-Residential, Section R613.6 and/or the engineer of record's details as applicable.
- B) General Fastener Installation Instructions
- All installation fasteners must be made of corrosion resistant materials or have a corrosion resistant coating applied suitable for the environment and framing material. Where fasteners are used in pressure-preservative treated wood, the wood supplier shall be consulted for recommendation of fasteners compatible with the pressure-preservative treatment process used.
 - All field supplied holes in the frame (if required) will be as follows:
 - 5/32" diameter for all #8 wood or tapping screws.
 - 3/16" in diameter for all #10 wood or tapping screws and 3/16" diameter concrete screws.
 - No. 29 size drill bit for 0.131" shank diameter nails.
 - No. 33 size drill bit for 0.113" shank diameter nails.
 - Concrete Screws (For attachment to masonry or concrete substrate.)
 - Shall be "Flat" head unless otherwise indicated.
 - Shall have a minimum nominal diameter of 3/16" unless otherwise noted.
 - Shall have a minimum embedment of 1 1/4" into the concrete, masonry or concrete block or masonry unit (CMU) receiving the point unless otherwise noted.
 - Shall have an allowable working span in shear as noted on the "Parts List" on the product specific installation drawing.
 - Working load is defined as the ultimate load determined by test divided by 4 as determined and published by the concrete screw manufacturer.
 - If the allowable shear load exceeds the above minimum, required number of fasteners shown on the installation drawings CANNOT be reduced.
 - If the allowable shear load is less than the above minimum, an additional site engineering analysis meeting the building code and acceptable to the Authority Having Jurisdiction (AHJ) will be required.
 - Concrete screws shall be of sufficient length so that the minimum embedment into the receiving substrate (member receiving the point) is met.
 - Minimum Edge Distance of concrete screw fasteners shall be 2 1/4" from the edge of the substrate for a 3/16" diameter concrete screw.

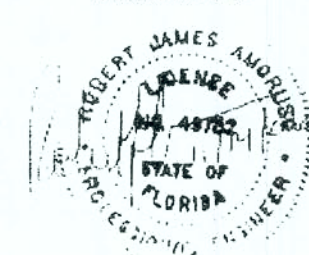
DISCLAIMER

The purpose of this installation drawing is to present the manufacturer's recommendations for anchorage [i.e., concrete screws, wood screws, tapping screws, nails and Vulkem Structural Adhesive (or other approved equal)] 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.

NOTE ON PE SEALING

Original drawings with two sheets (pages) are reproduced on one sheet front and back. When reproduced this way, they are sealed on the first (front) sheet only. In response to Robert Amoroso's inquiry to the Florida Board of Professional Engineers, the FBPE at their meeting on June 20, 2002 responded that in such circumstances, it is acceptable for the sealing PE to only sign, date and seal the front sheet of the drawing when printed on the front and back. This was documented by letter to Robert Amoroso dated July 31, 2002 from the Office of the Attorney General, State of Florida.

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



Drawing No. FLEX20100
Sheet 1 of 2

FASTENER LOCATION TABLE (see Elevation View, Sheet 1)

Series	Size Code	Frame Width and Height		Fastener Screw Location	
		Width	Height (Full Radius)	Head (No. 10 WS or Concrete Screw)	Jambs (No. 10 WS or Concrete Screw)
1000/1500/2000	12	19 1/8	26 13/16	28 5/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	13	19 1/8	39 3/16	40 11/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	14	19 1/8	51 1/16	52 15/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	14S	19 1/8	57 1/16	58 9/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	15	19 1/8	63 13/16	64 5/16	A, B, C, D, E, F, G, H, I, J, K
1000/1500/2000	16	19 1/8	72 13/16	72 5/16	A, B, C, D, E, F, G, H, I, J, K
1000/1500	17	19 1/8	84	84	A, B, C, D, E, F, G, H, I, J, K, Y, Z
2000	17	19 1/8	90	86 5/16	A, B, C, D, E, F, G, H, I, J, K, Y, Z
1000/1500/2000	11H2	26 1/2	27 1/16	29 9/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	11H3	26 1/2	39 13/16	41 15/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	11H4	26 1/2	52 1/16	54 3/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	11H4S	26 1/2	57 11/16	59 3/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	11H5	26 1/2	64 7/16	66 9/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	11H6	26 1/2	73 7/16	75 9/16	A, B, C, D, E, F, G, H, I, J, K
1000/1500	11H7	26 1/2	84	84	A, B, C, D, E, F, G, H, I, J, K, Y, Z
2000	11H7	26 1/2	90	87 9/16	A, B, C, D, E, F, G, H, I, J, K, Y, Z
1000/1500/2000	31H2	30 1/2	27 7/32	30 11/48	A, B, C, D, E, F, G, H, I
1000/1500/2000	31H3	30 1/2	40 13/32	42 25/48	A, B, C, D, E, F, G, H, I
1000/1500/2000	31H4	30 1/2	52 37/96	54 41/48	A, B, C, D, E, F, G, H, I
1000/1500/2000	31H4S	30 1/2	58 1/8	60 23/48	A, B, C, D, E, F, G, H, I
1000/1500/2000	31H5	30 1/2	64 73/96	67 11/48	A, B, C, D, E, F, G, H, I
1000/1500/2000	31H6	30 1/2	73 73/96	76 11/48	A, B, C, D, E, F, G, H, I, J, K
1000/1500	31H7	30 1/2	84 105/96	83 47/48	A, B, C, D, E, F, G, H, I, J, K
2000	31H7	30 1/2	90 169/96	89 47/48	A, B, C, D, E, F, G, H, I, J, K, Y, Z
1000/1500/2000	22	37	28 5/16	31 5/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	23	37	40 11/16	43 11/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	24	37	52 15/16	55 15/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	24S	37	58 9/16	61 9/16	A, B, C, D, E, F, G, H, I
1000/1500/2000	25	37	65 5/16	68 5/16	A, B, C, D, E, F, G, H, I, J, K
1000/1500/2000	26	37	74 5/16	77 5/16	A, B, C, D, E, F, G, H, I, J, K
1000/1500	27	37	84	84	A, B, C, D, E, F, G, H, I, J, K, Y, Z
2000	27	37	90	89 5/16	A, B, C, D, E, F, G, H, I, J, K, Y, Z
1000/1500/2000	482	48	29 7/32	33 7/48	A, B, C, D, E, F, G, H, I
1000/1500/2000	483	48	41 19/32	45 25/48	A, B, C, D, E, F, G, H, I
1000/1500/2000	484	48	53 27/32	57 37/48	A, B, C, D, E, F, G, H, I
1000/1500/2000	484S	48	59 15/32	63 19/48	A, B, C, D, E, F, G, H, I
1000/1500/2000	485	48	66 7/32	70 7/48	A, B, C, D, E, F, G, H, I
1000/1500/2000	486	48	76 7/32	79 7/48	A, B, C, D, E, F, G, H, I, J, K
1000/1500	487	48	84	84 11/12	A, B, C, D, E, F, G, H, I, J, K
2000	487	48	90	90 11/12	A, B, C, D, E, F, G, H, I, J, K, Y, Z
1000/1500/2000	32	53 1/8	29 21/32	34	A, B, C, D, E, F, G, H, I
1000/1500/2000	33	53 1/8	42 1/32	46 3/8	A, B, C, D, E, F, G, H, I
1000/1500/2000	34	53 1/8	54 9/32	58 5/8	A, B, C, D, E, F, G, H, I
1000/1500/2000	34S	53 1/8	59 29/32	64 1/4	A, B, C, D, E, F, G, H, I
1000/1500/2000	35	53 1/8	66 21/32	71 1/4	A, B, C, D, E, F, G, H, I, J, K
1000/1500/2000	36	53 1/8	76 21/32	80	A, B, C, D, E, F, G, H, I, J, K
1000/1500	n/a	n/a	n/a	n/a	n/a
2000	37	53 1/8	90	90	A, B, C, D, E, F, G, H, I, J, K, Y, Z

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:

- 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 all concrete screw size, embedment and load requirements. See FLEX20100, Note 7 for additional concrete screw requirements.
- 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.

(J) 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 JAMBS):

(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:

- 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.
- 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 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.
- 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 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.

(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 FLEX20100 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:

- This chart and Notes I, J, K, L, M and N for use when Radius Head Flange Window is installed in opening with the following attributes:
 - Wood Structural Build-Down at Head, and
 - Masonry/Concrete Substrate and One-By Wood Buck at Jambs.
- 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:
 - Wood Structural Build-Down at Head.
 - Optional Structural Two By Buck is installed at the head or jambs, and
 - Optional One By Wood Buck is installed at the head or jambs.
- See Note R regarding structural framing requirements.
- See Sheet 1 for Fastener Location Diagrams.
- 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

SHEET:

3 of 3

REVISIONS:

COPYRIGHT © 2002 MARONDA HOMES

Maronda Homes

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

RELEASE DATE:

DATE: 03/28/03

DATE: 03/28/03

Florida Extruders Int'l, Inc.
2540 Jewett Lane Sanford FL 32711
407-321-0064 (ext. 404)
www.floridextruders.com
Florida COA No. 9235

General Notes Drawing for Milestone Series 1000, 1500, 2000 & 3000 Non-Impact Resistant Aluminum Windows & Patio Sliding Glass Doors Installation Details

REVISIONS	By	Date	Description
1	WJA	03/28/03	Original Issue
2	WJA	03/28/03	Revised Anchorage
3	WJA	03/28/03	Revised Note 2, 4, 5, 8, 11, 12, 13 & 15

Date: 11/14/06
Scale: NTS
Drawn By: RJA
Checked By: JH

Florida Extruders Int'l, Inc.
2540 Jewett Lane Sanford FL 32711
407-321-0064 (ext. 404)
www.floridextruders.com
Florida COA No. 9235

Milestone Series 1000, 1500 & 2000 Non-Impact Resistant Aluminum Flange Frame Radius Head Sliding Window Installation Dwg. for Masonry/Wood Substrate with Concrete/Wood Screws

REVISIONS

No.	Date	By	Description
1	03/27/05	WJA	Supersedes FLEX20100
2	03/27/05	WJA	Revised Anchorage
3	03/27/05	WJA	Revised Note 2, 4, 5, 8, 11, 12, 13 & 15

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

PRODUCT APPROVAL INFORMATION SHEET FOR LORDIA

PROJECT NAME: _____ PERMIT # _____

PROJECT ADDRESS: _____

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, Please provide the information and product approval number(s) 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 list products. Information regarding statewide product approval may be obtained at: www.floridabuilding.org.

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State #	Design Pressures
A. EXTERIOR DOORS					
1. Swinging	Plastpro Inc.	Fiberglass Doors	Evaluated for use in localities adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads For Building and Other Structures.	FL 6729J FL 6729.5	+50 / -50 +50 / -50
2. Sliding	Simonton/Norandex Florida Extruders	Sliding Glass Doors	500 72X80 SGD-F5 Milestone 1000 SGD	FL 5979J FL 45J	+50 / -50 +45 / -45
3. Sectional					
4. Roll up	Wayne Dalton	Garage Doors 130 16' 9100 / 5120 8' Garage Doors 140 16' 9100 / 5120 8'	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.	FL 5287J FL 5287.3 FL 9174.4 FL 9174.5	+26.9 / -30.8 +25.9 / -28.8 +43.2 / -49.6 +39.2 / -43.7
B. WINDOWS					
1. Single Hung	H-R Windows Danvid Window Co Florida Extruders	300 Fin Single Hung 341 Flange Frame S.H. Milestone 1000 S.H.	40-17 72x74 H-r4	FL 5089J FL 2752J FL 42J	+45 / -45 +55 / -55 +45 / -45
2. Horizontal Slider					
3. Casement					
4. Double hung					
5. Fixed	H-R Windows Danvid Window Co Florida Extruders	300 Fin Frame Fixed 341 Flange Frame Fixed Milestone 1000 Fixed	437.438 IIIIX63 F-C63/16 Tempered Gls Fin	FL 1291J FL 2349J FL 44J	+55 / -55 +70 / -70 +45 / -45
6. Awning					
7. Pass-through					
8. Projected					
9. Mullion	H-R Windows Florida Extruders	Mullions Milestone Tube Mull Fin Or Flange	Evaluated for use in localities adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads For Building and Other Structures.	FL 5782 FL 3136-R2	+45 / -45
10. Wind breaker					
11. Dual action					
12. Other					
C. PANEL WALL					
1. Sliding	Owen Corning	Norandex - Summit Manor Dbl 4.5 Dutch Lap Reynolds - Easy Street Dbl 4.5 Dutch Lap	This Evaluation is not for use within the FBC HVZ or on Education Facilities within the State of Florida. If Sliding is limited to Type V construction as defined below, Section 602.5- TYPE V CONSTRUCTION Type V construction is the type of construction in which structural elements, exterior walls and interior walls, are of one material permitted by this code. Compliance valid only if the subject profile trade name is current on the VSI Vinylcladding Certification Program.	FL 920.3 FL 920.7	+NA / -152 +NA / -152
2. Soffit	Alsco Metal Corp	16" Vented Soffit Quad 4 Aluminum Soffit	For use as soffit only not for use in HVHZ	FL 4459J	46.71 PSF

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State #	Design Pressures
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 3663 FL 234	
2. Underlayments					
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					
13. Liquid applied roofing					
14. Cement-adhesive coats					
15. roof tile adhesive					
16. Spray applied polyurethane roof					
17. roof vents	Owens Corning Stamco 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 8103J FL 3792.5	
E. SHUTTERS					
1. Storm Panels	Airlum Shutters, Inc. K&D Manufacturing All American Shutters, Inc.	5L Panel Galv. SH 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 NIA 05-0105.05	FL RI, 565, 569, 572, 576, 815, 816, 817, 818, 819, 820, 821, 822, 859, 1247, 1777, 2033, 2620, 3923, 4928, 5631, 6223	
2. Truss plates	Mitek Industries Inc.	Truss Connectors	No Limitation of Use.	FL 2197 RI	
3. Engineered lumber					
4. Railing					
5. Coolers-freezers					
6. Concrete admixtures					
7. Material					
8. Insulation forms					
9. Plastics					
10. Deck-roof					
11. Wall					
12. Sheds					
G. 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 the 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 instructions, 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 the Plans Examiner. This form will be revised to include each new product in the categories listed above 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: _____

Telephone Number: () _____ Fax Number: () _____

Cell Phone Number: () _____ E-mail Address: _____

REVISIONS:

10-29-07 UPDATE LISTS

01-21-08 UPDATE ROLL UP DOORS

Maronda Homes

FLORIDA

4005 MARONDA WAY SANFORD, FL 321-0064

FLORIDA'S FIRST STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE BUILDING CODE MEETS OF THE FLORIDA BUILDING CODE 2004: RESIDENTIAL AND 2005, 2006 SUPPLEMENT

PRODUCT APPROVAL

DRAWN BY: _____ GARAGE: _____

RELEASE DATE: _____

PLOT DATE: 21 JAN 2008

08131.3

DISTINCTION SERIES

SWC INSWING RESIDENTIAL INSULATED
FIBERGLASS DOOR IN WOOD FRAME

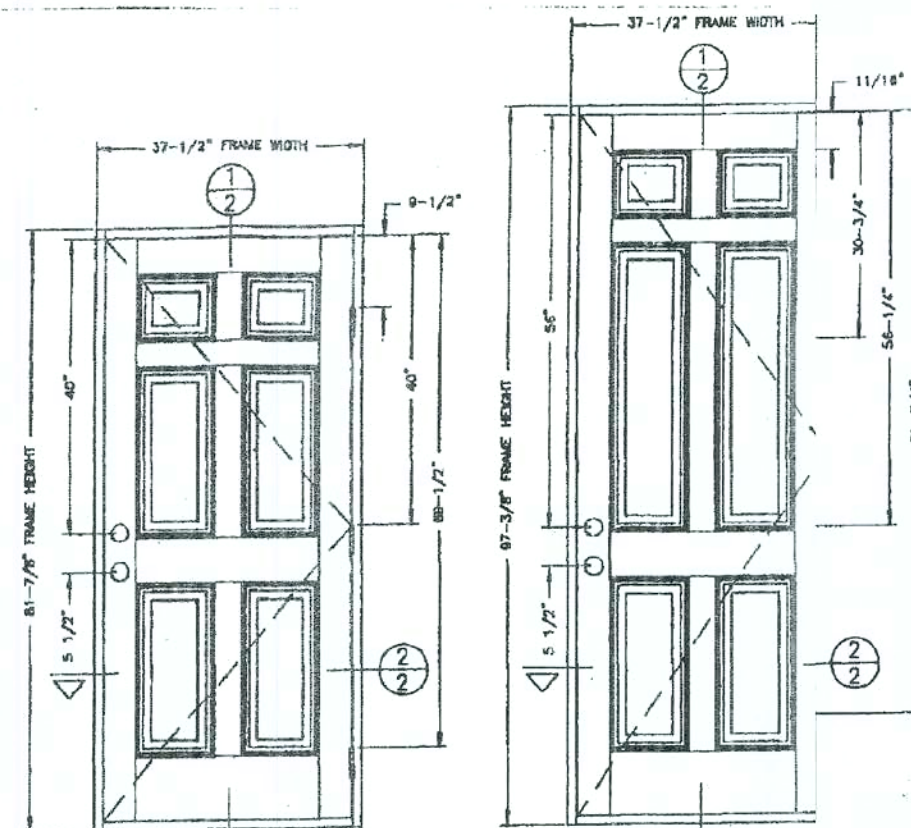
GENERAL NOTES

1. THE FOLLOWING PRODUCT HAS BEEN EVALUATED FOR COMPLIANCE WITH THE WIND LOADS SPECIFIED IN SECTION 120 OF THE TEXAS DEPARTMENT OF INSURANCE WINDSTORM RESISTANT CONSTRUCTION GUIDE AND SECTION 103 OF THE TEXAS WINDSTORM INSURANCE ASSOCIATION BUILDING CODE FOR WINDSTORM RESISTANT CONSTRUCTION.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. PRODUCT DOES NOT MEET IMPACT RESISTANCE.
5. DESIGN PRESSURE RATING SHALL BE AS FOLLOWS:
- FOR 6' 0" HIGH DOORS: SEE TABLE 1.
- FOR FRAMES OVER 6' 0" UP TO 8' 0": SEE TABLE 2.

DISTINCTION SMC FIBERGLASS DOOR

DOOR LEAF CONSTRUCTION:
FACE SHEETS: EACH SLAB IS CONSTRUCTED FROM 0.080" THICK FIBERGLASS SKIN.
CORE DESIGN: THE INTERIOR CAVITY OF EACH DOOR IS FILLED WITH RIGID POLYURETHANE.
CONSTRUCTION: THE VERTICAL EDGES OF THE SLAB CONSIST OF GLUED INTERLOCKING FIBERGLASS JOINTS. THE HORIZONTAL EDGES CONSIST OF THE FIBERGLASS SKIN GLUED TO THE WOOD BLOCK AT TOP AND TO THE RIGID PVC FOAM INSERT AT BOTTOM.

SHEET #	DESCRIPTION
1	GENERAL NOTES, TYPICAL ELEVATIONS
2	CROSS SECTIONS (VERTICAL AND HORIZONTAL)
3	ANCHORING LAYOUT
4	PART LIST



TYPICAL ELEVATION 6'-0" DOOR

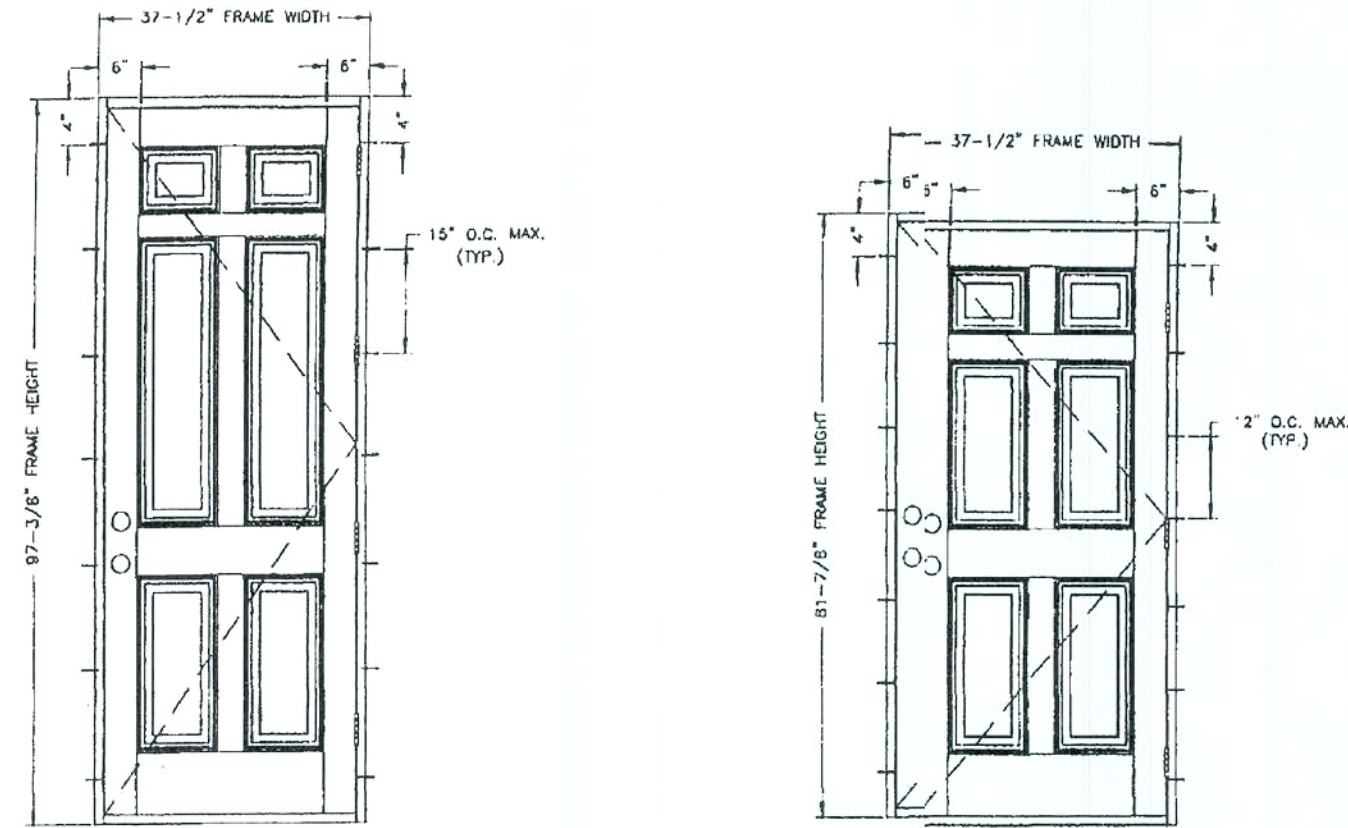
TYPICAL ELEVATION 6'-6" DOOR

DESIGN PRESSURE RATING (TABLE #1)	
WIND SPEED (MPH)	DESIGN PRESSURE (PSF)
70	+80
80	+60
90	+40
100	+20
110	+10
120	0
130	-10
140	-20
150	-30
160	-40
170	-50
180	-60
190	-70
200	-80

DESIGN PRESSURE RATING (TABLE #2)	
WIND SPEED (MPH)	DESIGN PRESSURE (PSF)
70	+80
80	+60
90	+40
100	+20
110	+10
120	0
130	-10
140	-20
150	-30
160	-40
170	-50
180	-60
190	-70
200	-80

RW CONSULTING
(613) 884-2831

DATE: 01/06/99
SCALE: N.T.S.
DRAWN BY: R.P.P.
CHECKED BY: R.P.P.
DESIGNED BY: R.P.P.
REVISIONS:
NO. DATE REVISIONS



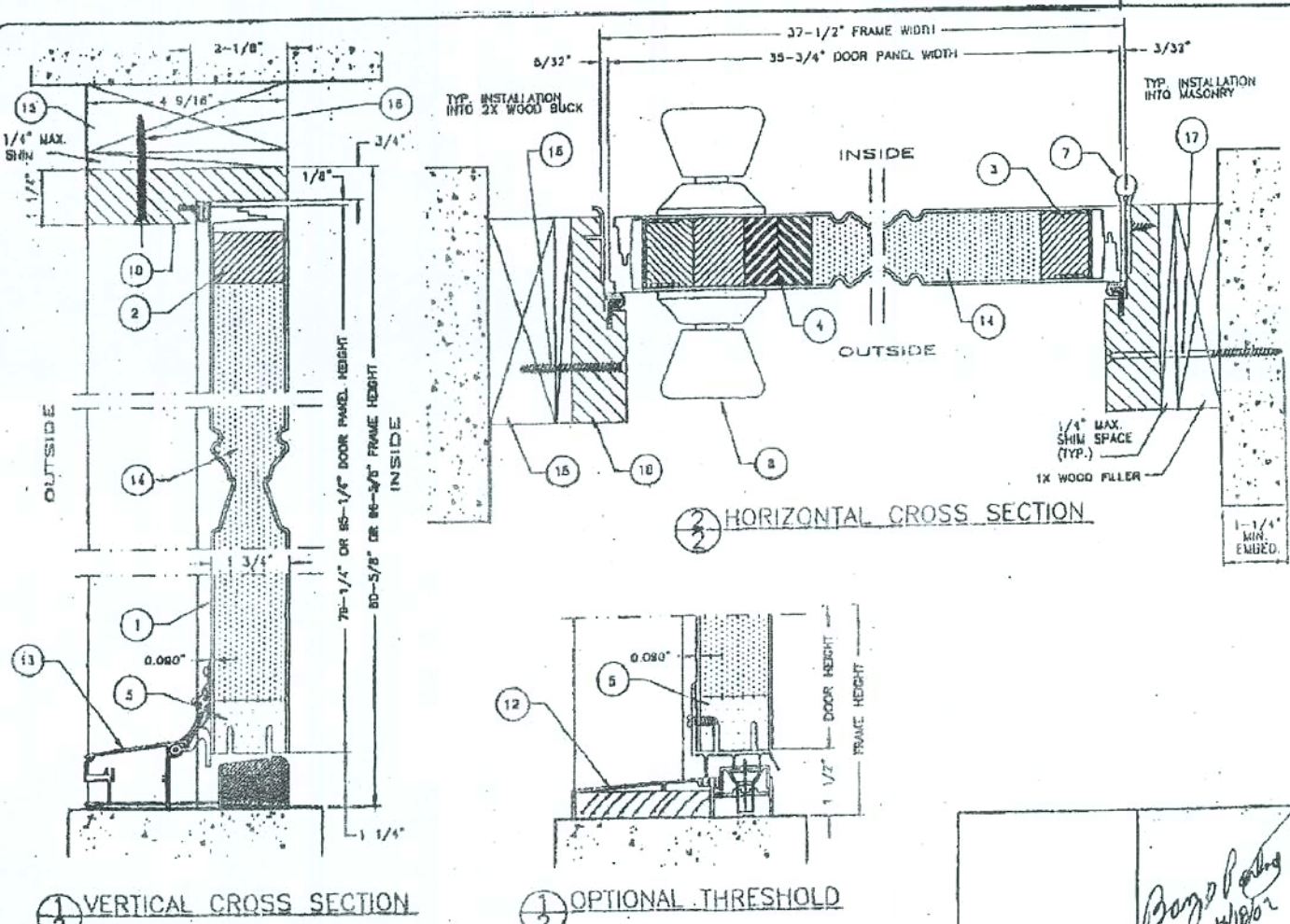
ANCHOR LAYOUT FOR 6'-0" DOOR

ANCHOR LAYOUT FOR 6'-6" DOOR

- TYPICAL ANCHORS**
- 1) INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
#8 PH Wd. Screw, 1" MIN. EMBEDMENT
 - 2) INTO 1BY WOOD BUCKS OR INTO MASONRY
3/16" DIA. TAPCONS WITH 1-1/4" MIN. EMBEDMENT

RW CONSULTING
(613) 884-2831

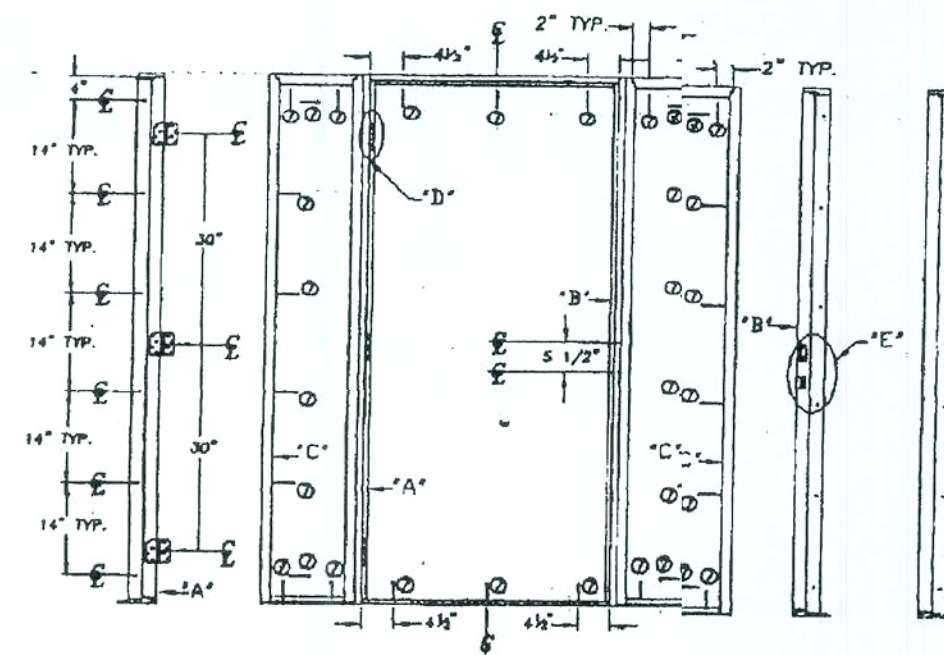
DATE: 01/06/99
SCALE: N.T.S.
DRAWN BY: R.P.P.
CHECKED BY: R.P.P.
DESIGNED BY: R.P.P.
REVISIONS:
NO. DATE REVISIONS



NOTE:
WHEN REQ. THE USE OF 2X SHALL BE ALLOWED USING (4) EVENLY SPACED 1/4" X 3" TAPCONS IN THE SIDES, AND (2) EVENLY SPACED 1/4" X 3" TAPCONS IN THE HEADER ALL W/ 1/4" IMBEDMENT. IF NEEDED A 1X CAN BE NAILED 6" O.C. STAGGERED TO 2X. DOOR IS THEN ATTACHED PER DETAILS ON THIS PAGE.

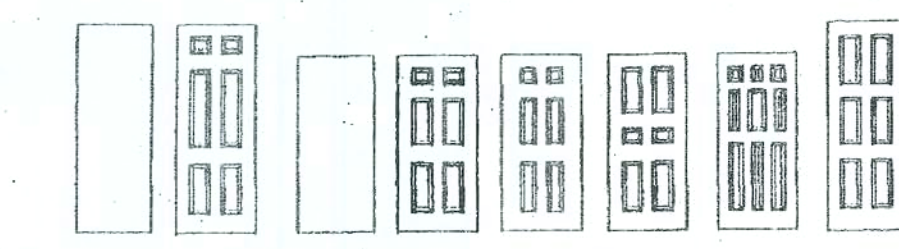
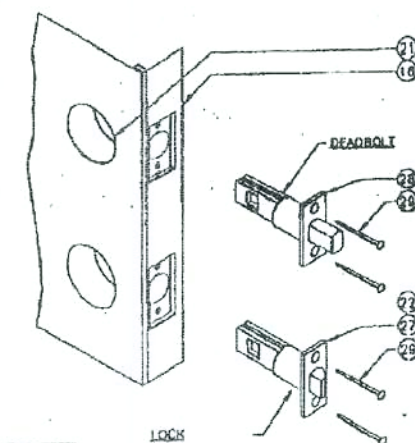
FINAL ANCHORING OF A WOOD FRAME UP TO 5'4" X 6'8"
SINGLE INSWING UNIT W/NO SIDELITES
PRODUCT ACCEPTANCE No.: DSI/222

SCREW SCHEDULE	
#10 X 5/8"	PHILLIPS FLAT HEAD
#10 X 3/4"	PHILLIPS FLAT HEAD
#10 X 2"	PHILLIPS FLAT HEAD
#10 X 3"	PHILLIPS FLAT HEAD



Product Acceptance No.: DSI/222	
Size: up to 5'4" x 6'8"	Configuration: X, OXO, XO, OX
Single Opaque	+80 -80 +80 -80 +80 -80 +80 -80 +80 -80
W/Sidelites	+75 -80 +64 -77 +60 -71 +60 -60 +60 -60
Single Glazed	+75 -80 +64 -77 +60 -71 +60 -60 +60 -60
W/Sidelites	+75 -80 +64 -77 +60 -71 +60 -60 +60 -60
(Door does not meet Missile Impact)	
Test # 210-1987, 210-2024	
Mfg. by: Nan Ya Plastics / Plastapro Livingston, NJ 07039	

ITEM	DESCRIPTION	PART No.	MATERIAL
1	DOOR LEAF	100-01	SMC FIBERGLASS
2	DOOR FRAME	100-02	WOOD
3	DOOR BUCK	100-03	WOOD
4	DOOR STILE	100-04	WOOD
5	DOOR LOCK	100-05	STEEL
6	DOOR HANDLE	100-06	STEEL
7	DOOR SWEEP	100-07	PVC
8	DOOR THRESHOLD	100-08	ALUMINUM
9	DOOR ANCHOR	100-09	STEEL
10	DOOR HINGE	100-10	STEEL
11	DOOR LATCH	100-11	STEEL
12	DOOR BOLT	100-12	STEEL
13	DOOR SCREW	100-13	STEEL
14	DOOR TAPCON	100-14	STEEL
15	DOOR NAIL	100-15	STEEL
16	DOOR GLASS	100-16	GLASS
17	DOOR GLAZING	100-17	GLAZING
18	DOOR FINISH	100-18	FINISH
19	DOOR SEAL	100-19	SEAL
20	DOOR Gasket	100-20	GASKET



DOOR MODELS

EXT. DOOR DETAILS IN SWING-FIBERGLASS

RELEASE DATE:

Maronda Homes

COPYRIGHT © 2002 MARONDA HOMES

FLORIDA
SANTO DOMINGO
4005 MARONDA WAY
321-321-0064

SHEET:

FDI

03 JUN 2003 09:03:33

DISTINCTION SERIES

SAC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME

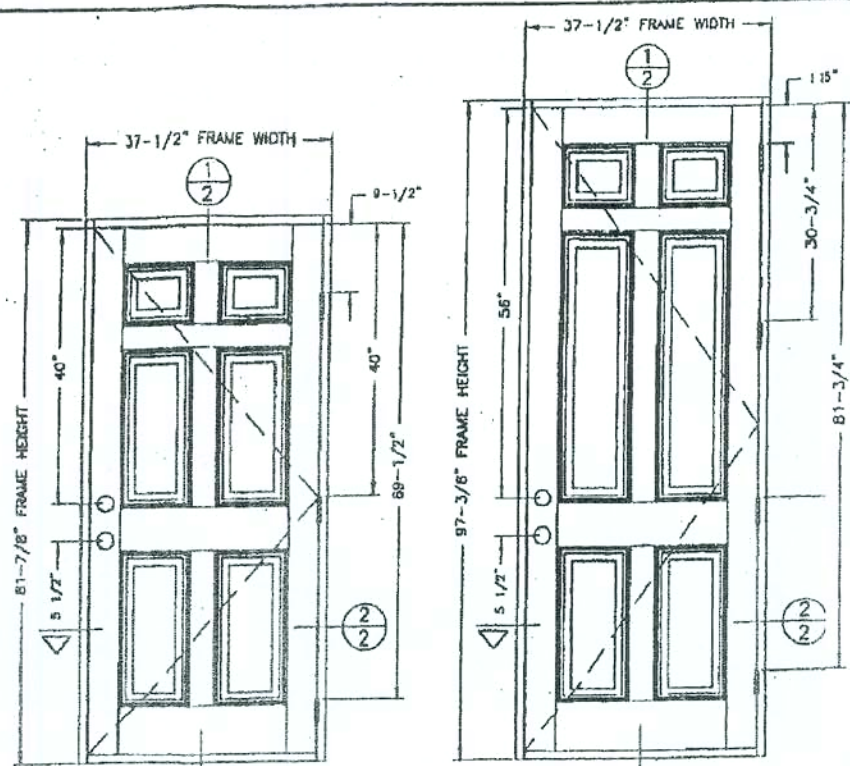
GENERAL NOTES

- THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1984 EDITION FOR MIAMI-DADE COUNTY.
- WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- IMPACT RESISTANT SHUTTERS NOT REQUIRED.
- DESIGN PRESSURE RATING SHALL BE AS FOLLOWS:
 - FOR 8' 0" HIGH DOORS: SEE TABLE 1.
 - FOR FRAMES OVER 8' 0" UP TO 8' 6": SEE TABLE 2.

DISTINCTION SMC FIBERGLASS DOOR

DOOR LEAF CONSTRUCTION:
FACE SHEETS: EACH SLAB IS CONSTRUCTED FROM 0.090" THICK FIBERGLASS SKIN.
CORE DESIGN: THE INTERIOR CAVITY OF EACH DOOR IS FILLED WITH RIGID POLYURETHANE.
CONSTRUCTION: THE VERTICAL EDGES OF THE SLAB CONSIST OF GLUED INTERLOCKING FIBERGLASS JOINTS. THE HORIZONTAL EDGES CONSIST OF THE FIBERGLASS SKIN GLUED TO THE WOOD BLOCK AT TOP AND TO THE RIGID PVC FOAM INSERT AT BOTTOM.

SHEET #	DESCRIPTION
1	GENERAL NOTES, TYPICAL ELEVATIONS
2	CROSS SECTIONS (VERTICAL AND HORIZONTAL)
3	ANCHORING LAYOUT
4	PART LIST



TYPICAL ELEVATION 6'-0" DOOR

DESIGN PRESSURE RATING (TABLE #1)	
WINDS WATER INFILTRATION REQUIREMENT IS MET	WINDS WATER INFILTRATION REQUIREMENT IS NOT MET
POSITIVE +80 PSF	+80 PSF
NEGATIVE -80 PSF	-80 PSF

TYPICAL ELEVATION 8'-0" DOOR

DESIGN PRESSURE RATING (TABLE #2)	
WINDS WATER INFILTRATION REQUIREMENT IS MET	WINDS WATER INFILTRATION REQUIREMENT IS NOT MET
POSITIVE +80 PSF	+80 PSF
NEGATIVE -80 PSF	-80 PSF

PROJECT: DISTINCTION SERIES SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME	DATE: 01/08/99
DESIGNED BY: R.P.P.	CHECKED BY: R.P.P.
DATE: 01/08/99	DATE: 01/08/99
SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"
SHEET: 1 OF 4	SHEET: 1 OF 4

DISTINCTION SERIES

SAC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME (STEEL REINFORCED WITH FULL GLASS LITE)

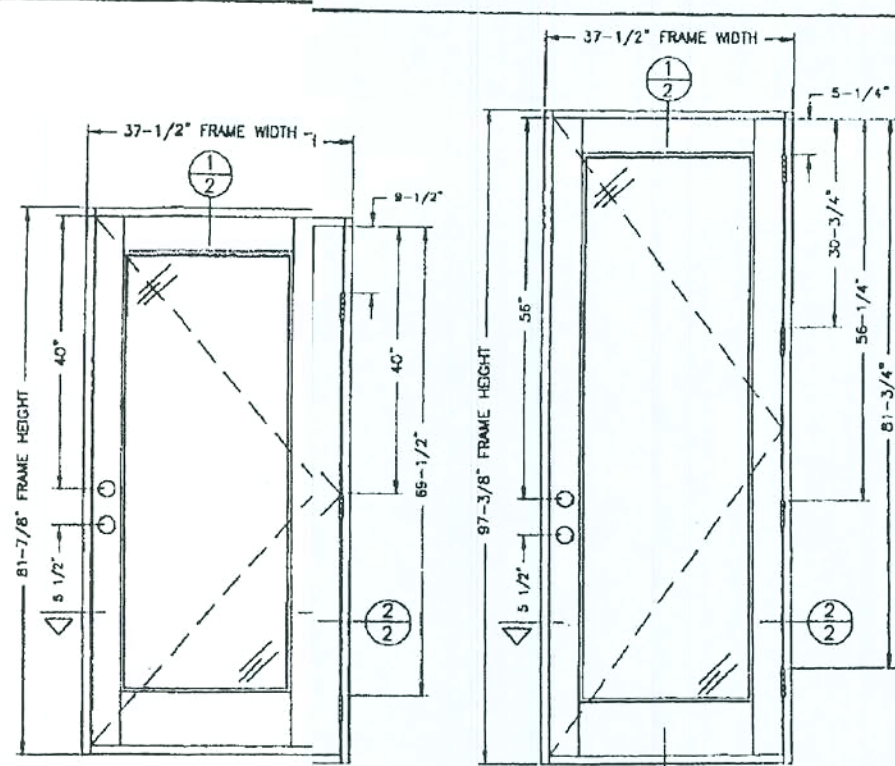
GENERAL NOTES

- THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1984 EDITION FOR MIAMI-DADE COUNTY.
- WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- IMPACT RESISTANT SHUTTERS ARE REQUIRED.
- DESIGN PRESSURE RATING SHALL BE AS FOLLOWS:
 - FOR 8' 0" HIGH DOORS: SEE TABLE 1.
 - FOR FRAMES OVER 8' 0" UP TO 8' 6": SEE TABLE 2.

DOOR LEAF CONSTRUCTION

- FACE SHEETS: EACH SLAB IS CONSTRUCTED FROM 0.075 THK. FIBERGLASS SKIN.
- CORE DESIGN: THE INTERIOR CAVITY OF EACH DOOR IS FILLED WITH RIGID POLYURETHANE.
- CONSTRUCTION: THE VERTICAL EDGES OF THE SLAB CONSIST OF GLUED INTERLOCKING FIBERGLASS JOINTS. THE HORIZONTAL EDGES CONSIST OF THE FIBERGLASS SKIN GLUED TO THE WOOD BLOCK AT TOP AND TO THE RIGID PVC FOAM INSERT AT BOTTOM.
- GLAZING: 5/8" OVERALL THICKNESS INSULATED GLASS PANEL CONSISTING OF TWO 1/8" TEMPERED LITES AND ONE AIR SPACE.
- REINFORCING: ONE (1) "U" SHAPED STEEL REINFORCING CHANNEL MEASURING 1.591" X 0.788" X 0.078" THK. WAS LOCATED AT EACH PANEL STILE (6'-0" DOOR ONLY).

SHEET #	DESCRIPTION
1	GENERAL NOTES, TYPICAL ELEVATIONS
2	CROSS SECTIONS (VERTICAL AND HORIZONTAL)
3	ANCHORING LAYOUT
4	PART LIST



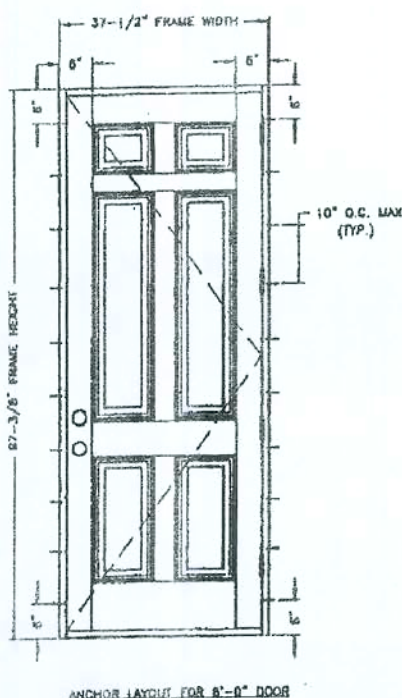
TYPICAL ELEVATION 6'-0" DOOR

DESIGN PRESSURE RATING (TABLE #1)	
WINDS WATER INFILTRATION REQUIREMENT IS MET	WINDS WATER INFILTRATION REQUIREMENT IS NOT MET
POSITIVE +80 PSF	+80 PSF
NEGATIVE -80 PSF	-80 PSF

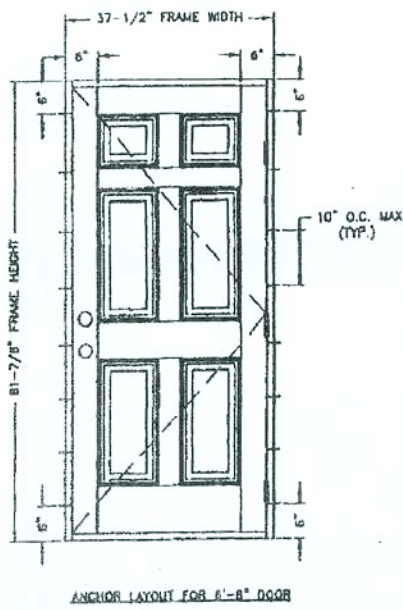
TYPICAL ELEVATION 8'-0" DOOR

DESIGN PRESSURE RATING (TABLE #2)	
WINDS WATER INFILTRATION REQUIREMENT IS MET	WINDS WATER INFILTRATION REQUIREMENT IS NOT MET
POSITIVE +80 PSF	+80 PSF
NEGATIVE -80 PSF	-80 PSF

PROJECT: DISTINCTION SERIES SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME	DATE: 01/08/99
DESIGNED BY: R.P.P.	CHECKED BY: R.P.P.
DATE: 01/08/99	DATE: 01/08/99
SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"
SHEET: 1 OF 4	SHEET: 1 OF 4



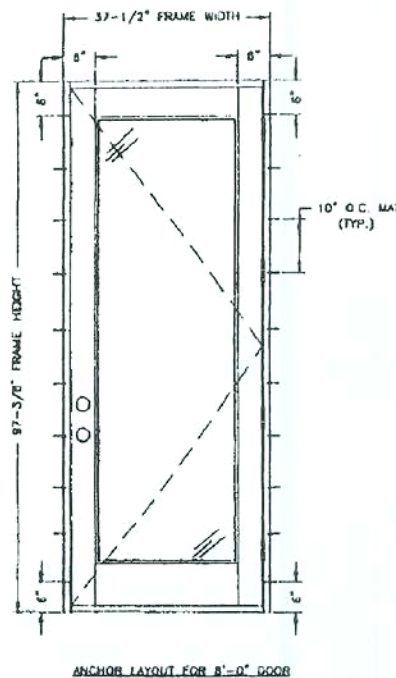
ANCHOR LAYOUT FOR 6'-0" DOOR



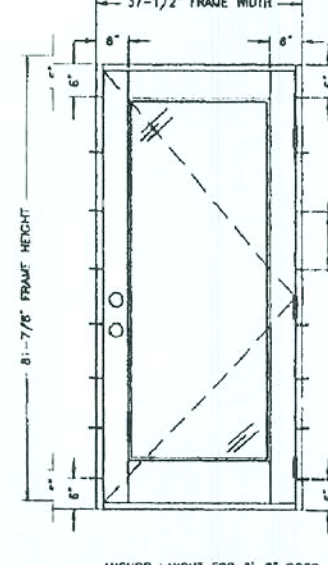
ANCHOR LAYOUT FOR 8'-0" DOOR

- TYPICAL ANCHORS**
- 1) INTO 2BY WOOD BUCKS OR WOOD STRUCTURE 1/4" DIA. 1-1/2" MIN. EMBEDMENT
 - 2) INTO 1BY WOOD BUCKS OR INTO MASONRY 3/16" DIA. TAPSCREWS WITH 1-1/4" MIN. EMBEDMENT

PROJECT: DISTINCTION SERIES SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME	DATE: 01/08/99
DESIGNED BY: R.P.P.	CHECKED BY: R.P.P.
DATE: 01/08/99	DATE: 01/08/99
SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"
SHEET: 2 OF 4	SHEET: 2 OF 4



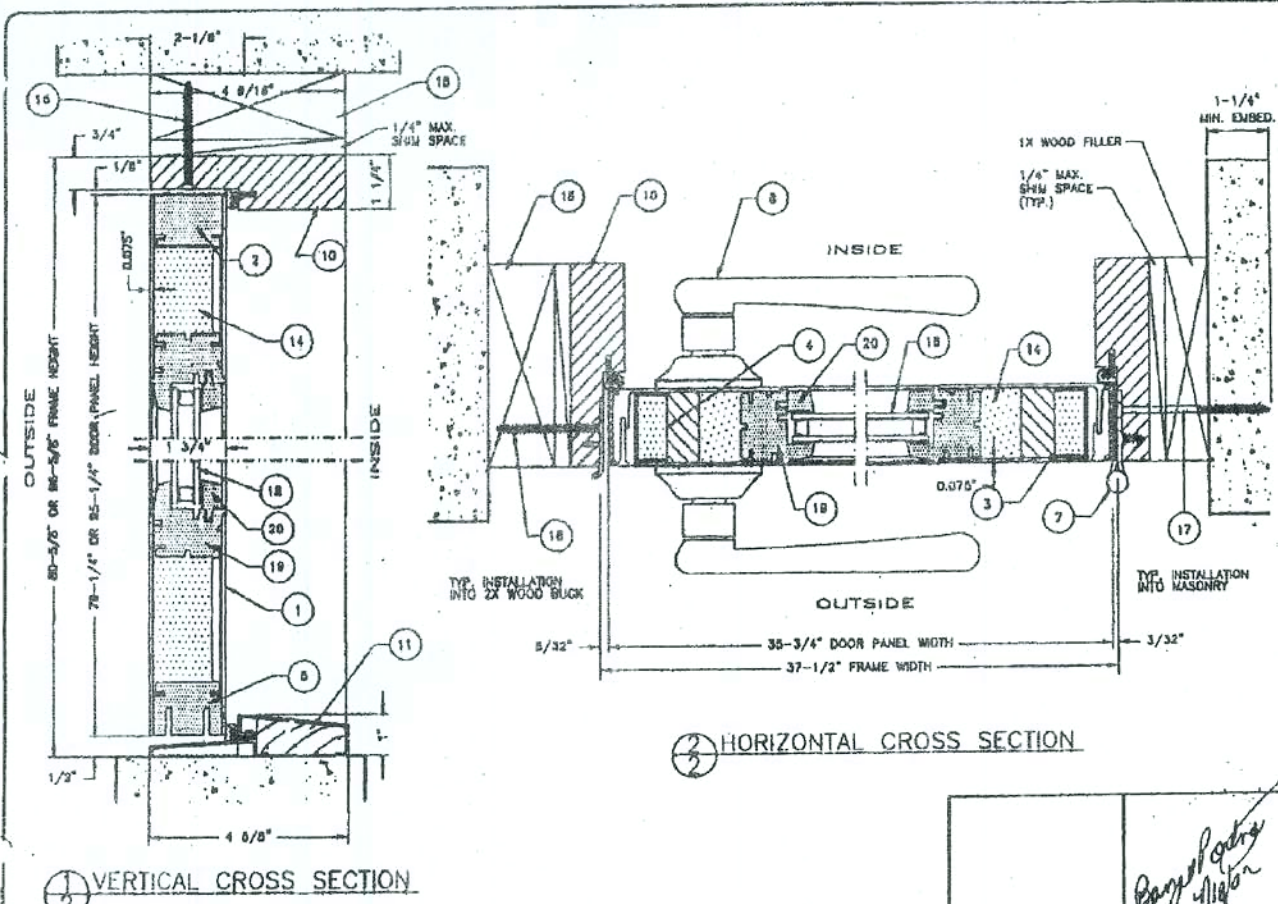
ANCHOR LAYOUT FOR 6'-0" DOOR



ANCHOR LAYOUT FOR 8'-0" DOOR

- TYPICAL ANCHORS**
- 1) INTO 2BY WOOD BUCKS OR WOOD STRUCTURE 1/4" DIA. 1-1/2" MIN. EMBEDMENT
 - 2) INTO 1BY WOOD BUCKS OR INTO MASONRY 3/16" DIA. TAPSCREWS WITH 1-1/4" MIN. EMBEDMENT

PROJECT: DISTINCTION SERIES SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME	DATE: 01/08/99
DESIGNED BY: R.P.P.	CHECKED BY: R.P.P.
DATE: 01/08/99	DATE: 01/08/99
SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"
SHEET: 3 OF 4	SHEET: 3 OF 4



HORIZONTAL CROSS SECTION

PROJECT: DISTINCTION SERIES SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME	DATE: 01/08/99
DESIGNED BY: R.P.P.	CHECKED BY: R.P.P.
DATE: 01/08/99	DATE: 01/08/99
SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"
SHEET: 4 OF 4	SHEET: 4 OF 4

ITEM	DESCRIPTION	PART NO.	MATERIAL
1	DOOR LEAF (6' 0" PANEL 1-1/2")	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
2	TOP RAIL	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
3	HINGE STILE	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
4	LOCK STILE	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
5	BOTTOM RAIL	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
6	DOOR BOTTOM (HANGING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
7	BUTT HINGE	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
8	DOOR LOCK	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
9	DOOR FRAME	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
10	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
11	THRESHOLD (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
12	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
13	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
14	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
15	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
16	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
17	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
18	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME

ITEM	DESCRIPTION	PART NO.	MATERIAL
1	DOOR LEAF (8' 0" PANEL 1-1/2")	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
2	TOP RAIL	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
3	HINGE STILE	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
4	LOCK STILE	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
5	BOTTOM RAIL	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
6	DOOR BOTTOM (HANGING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
7	BUTT HINGE	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
8	DOOR LOCK	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
9	DOOR FRAME	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
10	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
11	THRESHOLD (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
12	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
13	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
14	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
15	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
16	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
17	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME
18	DOOR FRAME (OUTSWING)	PAST1C	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME

PROJECT: DISTINCTION SERIES SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME	DATE: 01/08/99
DESIGNED BY: R.P.P.	CHECKED BY: R.P.P.
DATE: 01/08/99	DATE: 01/08/99
SCALE: 1/4" = 1'-0"	SCALE: 1/4" = 1'-0"
SHEET: 4 OF 4	SHEET: 4 OF 4

EXT. DOOR DETAILS

OUT SWING-FIBERGLASS

SHEET: FD 2

Maronda Homes

4005 MARONDA WAY SANFORD, FLORIDA

RELEASE DATE:

01 JUN 2003