MONTGOMERY - C

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: GCpi = +/- 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 RECIEVED 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 RECIEVED 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 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-BORNE 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)

INDEX OF DRAWINGS

SHEET NO.	TITLE
ARCH - ARCHITECTURALS	
0	COVER SHEET
1	EXTERIOR ELEVATIONS
2	FOUNDATION PLAN
3	FLOOR PLAN
WLI	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	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	OPTIONAL REAR COVERED PORCH

REVISIONS :

08-14-07 REV. CODE INFORMATION

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

9TM02001 JAX
20-1 9TM

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 WIND SPEED IN EXPOSURE B BUILDING. ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS.

p:\houses_05\montgomery\125\monto-125.000

AMERICANA

COVER SHEET

MONTGOMERY

ELEVATION "C"

GARAGE: RIGHT

125 MPH

DRAWN BY:

RELEASE DATE: 11 / 29 / 04

11:34:29

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

Elmer Bergman, P.E.
License No. 50158

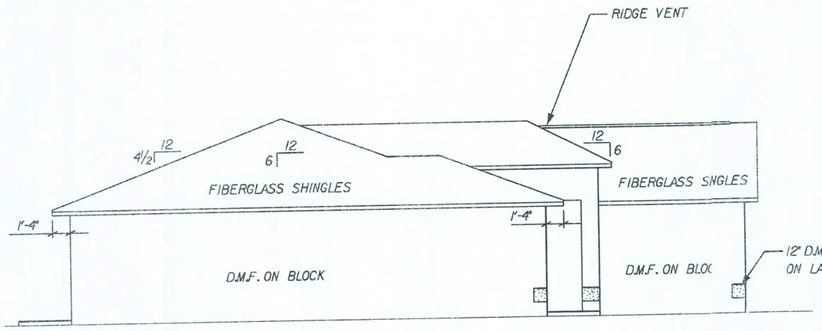
MAY 06 2008

SHEET:

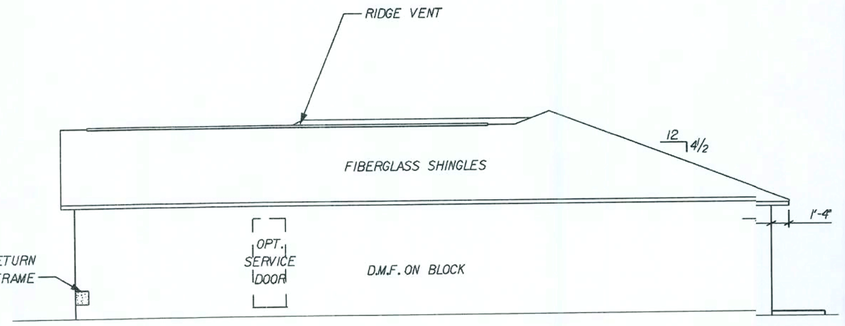
0c

PLOT DATE: 02 MAY 2008

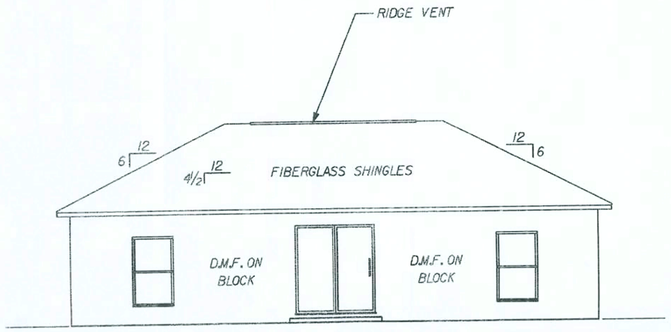
CC



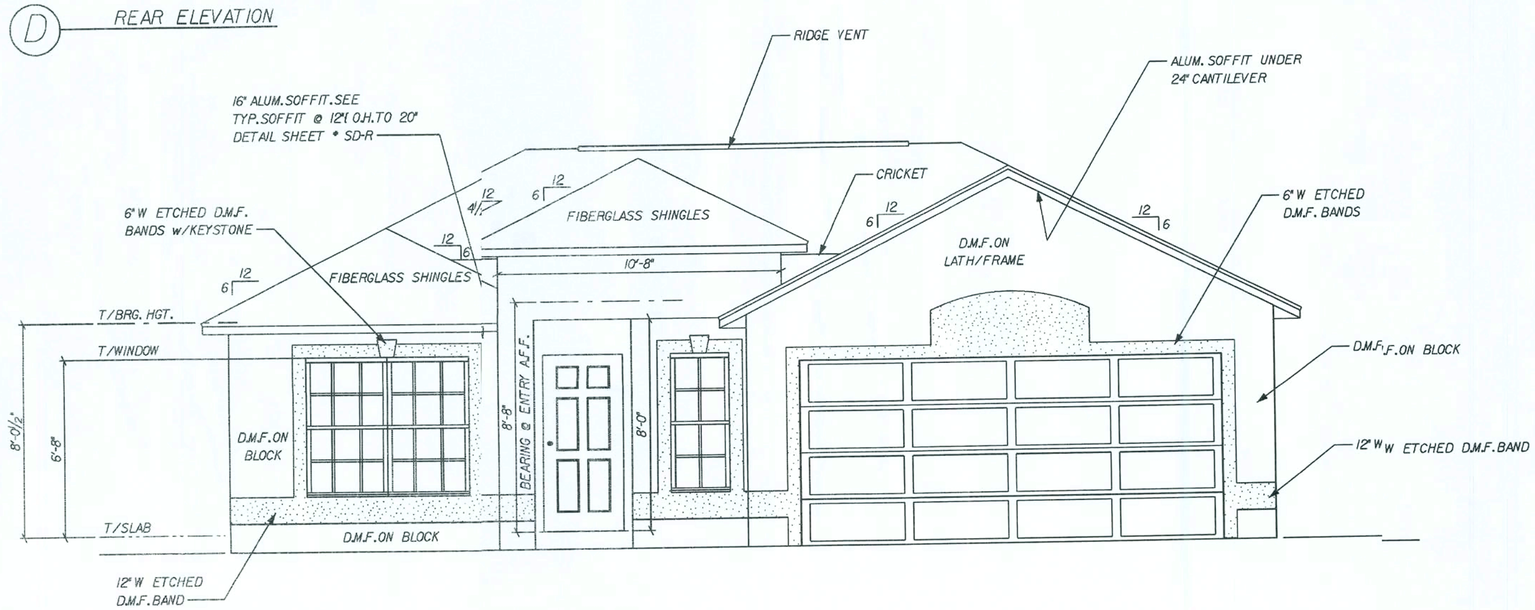
B LEFT ELEVATION



C RIGHT ELEVATION



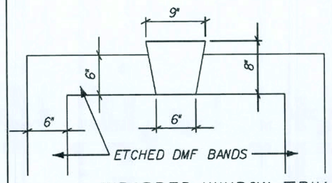
D REAR ELEVATION



A FRONT ELEVATION

GENERAL ELEVATION NOTES:

1. DMF - DECO MASONRY/STUCCO FINISH SHALL COMPLY WITH THE REQUIREMENTS OF ATSM C926 AND C1063.
2. EAVE & GABLE OVERHANGS 12" ALUM FASCIA AND SOFFITS. PLUMB CUT WITH LEVEL RETURNS.
3. 7/8" MIN. THICKNESS DMF OVER LATH/FRAME AND 1/2" MIN. THICKNESS OVER BLOCK
4. DMF/STUCCO INSTALLED OVER PAPER-BACKED LATH AND HOUSEWRAP @ ALL EXTERIOR WOOD FRAME CONSTRUCTION.



WRAPPED WINDOW TRIM
SCALE: 3/4" = 1'-0"

REVISED 01-05-06

REVISIONS :
03-13-07 REV. GABLE @ GAR. LEFT ELEV.

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

AMERICANA | EXT. ELEVATIONS

MONTGOMERY

ELEVATION "C"

DRAWN BY: GARAGE: RIGHT

RELEASE DATE: 11 / 02 /04

11:34:31

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4005 Maronda Way
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License No. 50158
MAY 06 2008

SHEET:
1C

PLOT DATE: 02 MAY 2008

p:\1\houses_05\montgomery\std\mont-c.001

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

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.

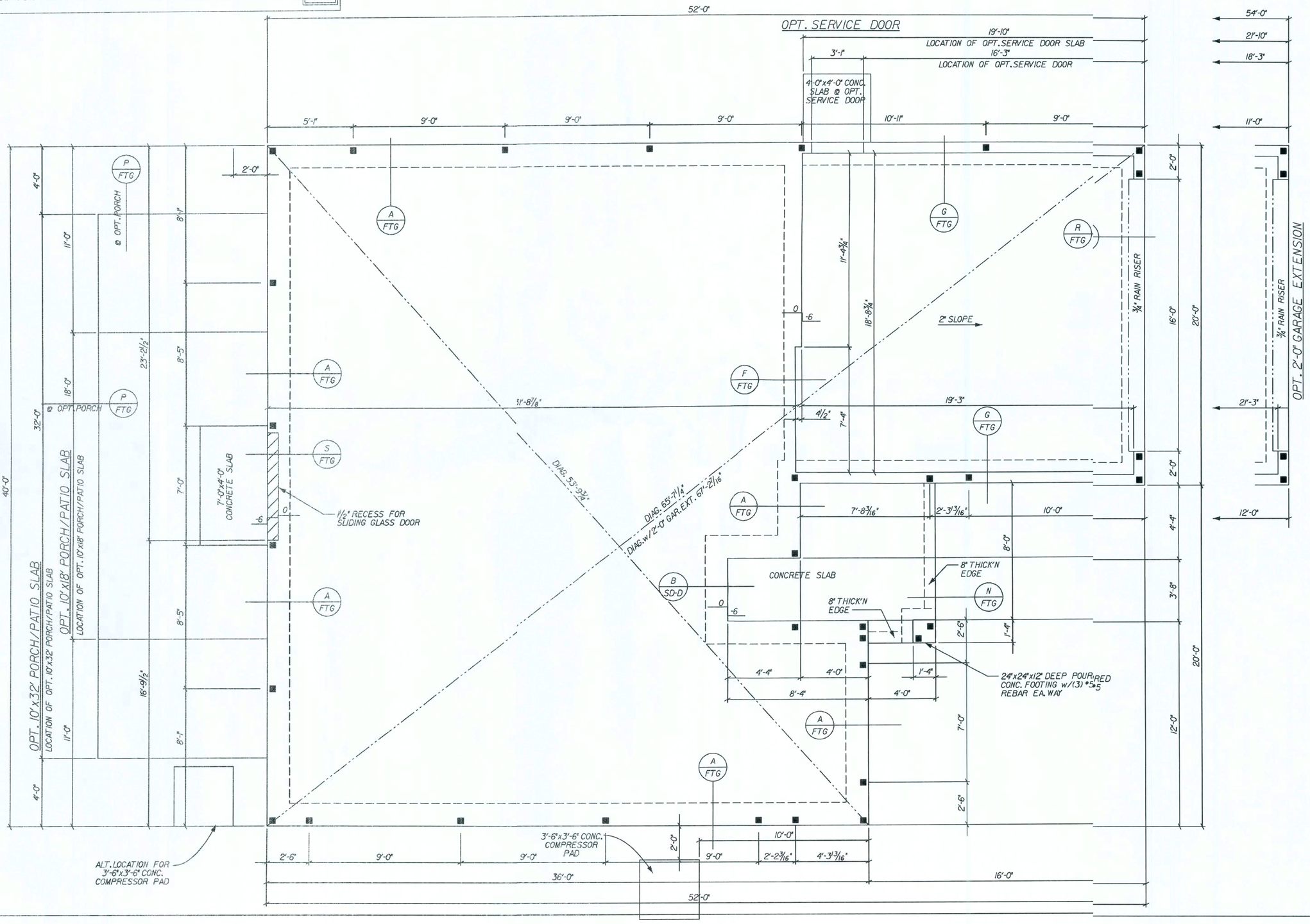
■ = INDICATES FILLED CELL WITH REBAR
□ = INDICATES FILLED CELL WITHOUT REBAR

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 LINTEL STEEL. PROVIDE INSPECTION HOLE AT BOTTOM OF GROUTED CELL STACK.

TYPICAL CONCRETE SLAB, 3½" DEEP POURED 2500 psi CONCRETE SLAB w/ 6MIL (0.006") WIRE IN FIBER MESH ON VISQUEEN VAPOR BARRIER, w/ ALL JOINTS TAPED OVER CLEAN COMPACTED (2000 psf. MIN.) TERMITE TREATED FILL.

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

SEE DRAWING * FP1 FOR UNDERGROUND PLUMBING AND MECH. CHASES FOR LOCATIONS



FLORIDA BUILDING CODE 2004 : RESIDENTIAL

REVISIONS :
11-20-06 REV. BEDROOM LAYOUT FOR A/C
02-06-07 REV. H FOOTER -> F FOOTER
08-14-07 REV. CODE INFORMATION

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p:\f\houses_05\montgomery\125\montc-125.002

AMERICANA | FOUNDATION PLAN

MONTGOMERY

ELEVATION "C"

DRAWN BY: | GARAGE: RIGHT
RELEASE DATE: 11 /29 / 04 | 125 MPH

11:34:33

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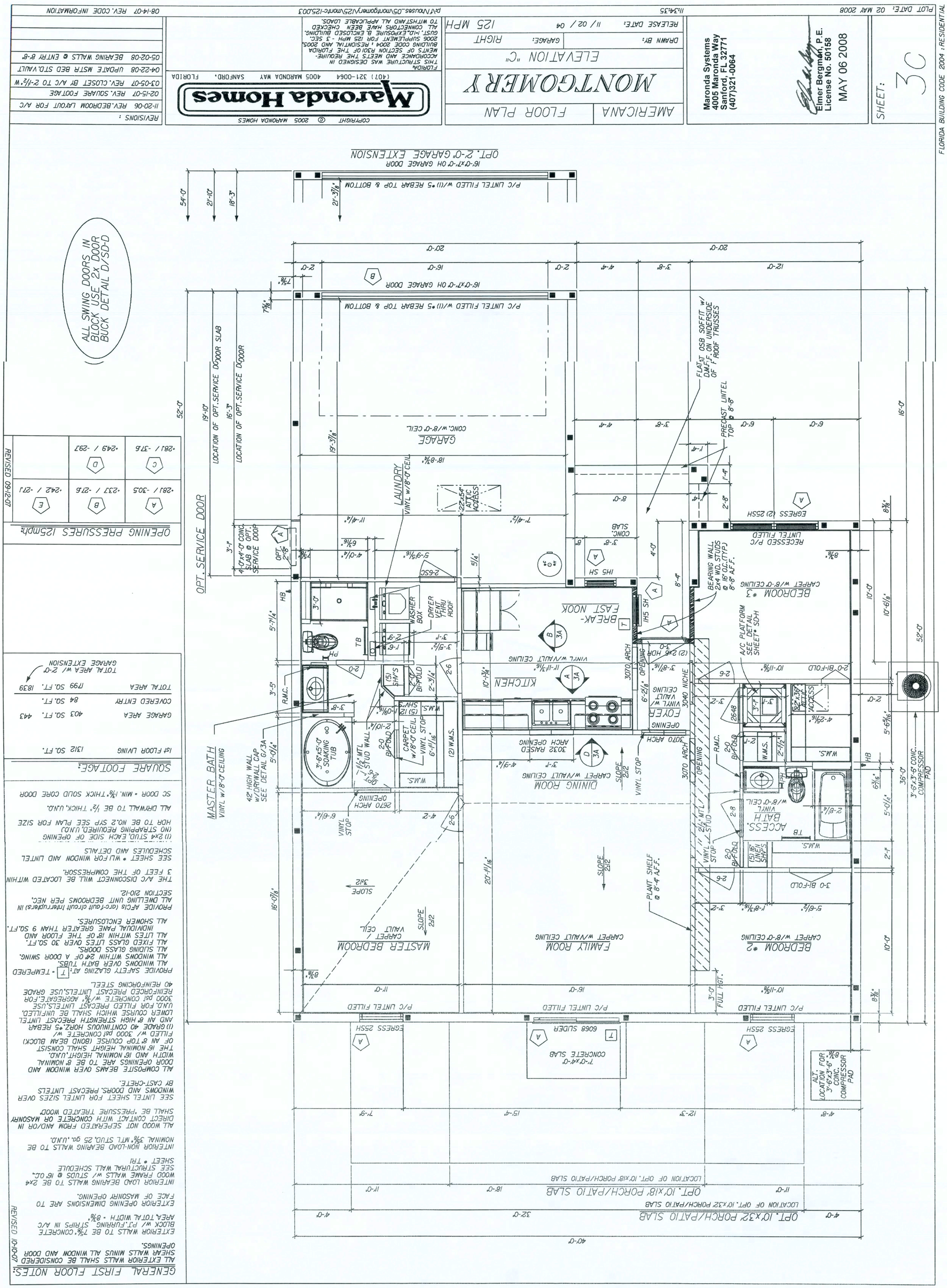
4005 Maronda Way
Sanford, FL 32771
(407)321-0064

Elmer Bergman, P.E.
License No. 50158

MAY 06 2008

SHEET:
2C

PLOT DATE: 02 MAY 2008


AMERICANA
FLOOR PLAN
MONTGOMERY
ELEVATION "C"
DRAWN BY:
GARAGE: RIGHT
RELEASE DATE: 11/02/04
125 MPH
Maronda Systems
4005 Maronda Way
Sanford, FL 32771
(407)321-0064
Elmer Bergman, P.E.
License No. 50158
MAY 06 2008
SHEET: 3C
PLOT DATE: 02 MAY 2008
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REVISIONS :
11-20-06 REV. BEDROOM LAYOUT FOR A/C
02-15-07 REV. SQUARE FOOTAGE
03-05-07 REV. CLOSET BY A/C TO 2-1/2"W
04-22-08 UPDATE MSTR BED STD. VAULT
05-02-08 BEARING WALLS @ ENTRY 8'-8"
08-14-07 REV. CODE INFORMATION
OPT. 10'x32' PORCH/PATIO SLAB
OPT. 10'x18' PORCH/PATIO SLAB
OPT. SERVICE DOOR
LOCATION OF OPT. SERVICE DOOR
LOCATION OF OPT. SERVICE DOOR SLAB
ALL SWING DOORS IN BLOCK USE 2x DOOR BUCK DETAIL D/SD-D
GARAGE
CONC. w/8'-0" CEIL.
LAUNDRY
VINYL w/8'-0" CEIL.
ATTIC ACCESS
BREAK-FAST NOOK
KITCHEN
DINING ROOM
CARPET w/VAULT CEILING
FOYER
VINYL w/VAULT CEILING
MASTER BATH
VINYL w/8'-0" CEILING
42" HIGH WALL w/DRYWALL CAP SEE DETAIL G/3A
MASTER BEDROOM
CARPET / VAULT CEIL.
FAMILY ROOM
CARPET w/VAULT CEILING
BEDROOM #2
CARPET w/8'-0" CEILING
BEDROOM #3
CARPET w/8'-0" CEILING
BATH
VINYL w/8'-0" CEIL.
ACCESS.
EGRESS 25SH
RECESSED P/C LINTEL FILLED
P/C LINTEL FILLED w/(1)#5 REBAR TOP & BOTTOM
16'-0"x7'-0" OH GARAGE DOOR
OPT. 2'-0" GARAGE EXTENSION
FLAT 1" OSB SOFFIT w/ DMF.F.C. ON UNDERSIDE OF F.F. ROOF TRUSSES
PRECAST LINTEL TOP @ 8'-8"
BEARING WALL 2x4 WD. STUDS @ 16" O.C.(TYP.) 8'-8" A.F.F.
A/C PLATFORM SEE DETAIL SHEET# SD-H
3'-6"x3'-6" CONC. COMPRESSOR PAD
ALT. LOCATION FOR 3'-6"x3'-6" CONC. COMPRESSOR PAD
7'-0"x4'-0" CONCRETE SLAB
6068 SLIDER
OPENING PRESSURES 125mph:
A: +281 / -305
B: +237 / -276
C: +281 / -376
D: +249 / -297
E: +242 / -271
REVISED 09-12-07
SQUARE FOOTAGE:
1st FLOOR LIVING 1312 SQ. FT.
GARAGE AREA 403 SQ. FT. 443
COVERED ENTRY 84 SQ. FT.
TOTAL AREA 1799 SQ. FT. 1839
TOTAL AREA w/ 2'-0" GARAGE EXTENSION
GENERAL FIRST FLOOR NOTES:
ALL EXTERIOR WALLS SHALL BE CONSIDERED SHEAR WALLS MINUS ALL WINDOW AND DOOR OPENINGS.
EXTERIOR WALLS TO BE 7⅞" CONCRETE BLOCK w/ P.T. FURRING STRIPS IN A/C AREA. TOTAL WIDTH = 8⅜"
EXTERIOR OPENING DIMENSIONS ARE TO FACE OF MASONRY OPENING.
INTERIOR LOAD BEARING WALLS TO BE 2x4 WOOD FRAME WALLS w/ STUDS @ 16" O.C. SEE STRUCTURAL WALL SCHEDULE SHEET • TR1
INTERIOR NON-LOAD BEARING WALLS TO BE NOMINAL 3⅝" MTL STUD, 25 ga., U.N.O.
ALL WOOD NOT SEPERATED FROM AND/OR IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE "PRESSURE TREATED WOOD"
SEE LINTEL SHEET FOR LINTEL SIZES OVER WINDOWS AND DOORS. PRECAST LINTELS BY CAST-CRETE.
ALL COMPOSITE BEAMS OVER WINDOW AND DOOR OPENINGS ARE TO BE 8" NOMINAL WIDTH AND 16" NOMINAL HEIGHT, U.N.O. THE 16" NOMINAL HEIGHT SHALL CONSIST OF AN 8" TOP COURSE (BOND BEAM BLOCK) FILLED W/ 3000 psi CONCRETE W/ (1) GRADE 40 CONTINUOUS HORZ. #5 REBAR AND AN 8" HIGH STRENGTH PRECAST LINTEL LOWER COURSE WHICH SHALL BE UNFILLED. U.N.O. FOR FILLED PRECAST LINTELS, USE 3000 psi CONCRETE w/ ⅜" AGGREGATE. FOR REINFORCED PRECAST LINTELS, USE GRADE 40 REINFORCING STEEL.
PROVIDE SAFETY GLAZING AT: T = TEMPERED
ALL WINDOWS OVER BATH TUBS.
ALL WINDOWS WITHIN 24" OF A DOOR SWING.
ALL SLIDING GLASS DOORS.
ALL FIXED GLASS LITES OVER 30 SQ.FT.
ALL LITES WITHIN 18" OF THE FLOOR AND INDIVIDUAL PANE GREATER THAN 9 SQ.FT.
ALL SHOWER ENCLOSURES.
PROVIDE AFCIs (arc-fault circuit interrupters) IN ALL DWELLING UNIT BEDROOMS PER NEC, SECTION 210-12.
THE A/C DISCONNECT WILL BE LOCATED WITHIN 3 FEET OF THE COMPRESSOR.
SEE SHEET • WU FOR WINDOW AND LINTEL SCHEDULES AND DETAILS
(1) 2x4 STUD, EACH SIDE OF OPENING (NO STRAPPING REQUIRED, U.N.O.)
HDR TO BE NO.2 SYP SEE PLAN FOR SIZE
ALL DRYWALL TO BE ½" THICK, U.N.O.
SC DOOR = MIN. 1⅜" THICK SOLID CORE DOOR

FASTENERS SCHEDULE USING 3/16" X 2 1/4" TAPCONS THROUGH BUCK INTO BLOCK

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 EA. SIDE JAMB
NOTE 5) 3,4,OR 5 HIGH: 3 FAST. EA. SIDE JAMB
NOTE 6) 6 HIGH 26 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 3/16" X 1 3/4" ANCHORS EVERY HOLE

WINDOW NOTES

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.

ATTENTION

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.

NORANDEX SERIES (MO)437-(FO)438 WINDOW SIZE CHART

SERIES 500/502 SGD DOOR OPENINGS

SIZE	M.O.	FAST.		SIZE	M.O.	FAST.	
6068	75 1/2 X 81 3/4	8		6080	75 1/2 X 97 3/4	8	

SERIES (MO)437 - (FO)438 OPENINGS

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							

SINGLE HUNG EYEBROW - SERIES (MO)437 - (FO)438 OPENINGS

SIZE	SINGLE M.O.	FAST.	DOUBLE M.O.	FAST.	SIZE	SINGLE F.O.	FAST.	DOUBLE F.O.	FAST.
1H5	27 1/4 X 63	1,5			1H5	27 1/4 X 63	7		
35	53 7/8 X 63	3,6							

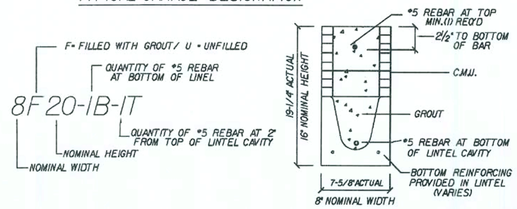
THE SPECIFIED LINTELS ON SHEET WL1 ARE MANUFACTURED BY CAST-CRETE CORP. ALTERNATE MANUFACTURED LINTELS ARE AVAILABLE "BY OTHERS". SOLE AND FULL RESPONSIBILITY IS RETAINED BY THE SUB-CONTRACTOR IN THE SELECTION OF THE ALTERNATE LINTELS AS HAVING EQUAL TO OR GREATER THAN THE ACTUAL GRAVITY AND UPLIFT LOADS, THAT ARE LISTED ON THIS HOUSE SPECIFIC WL1 LINTEL SCHEDULE.

REVISED 04-02-07

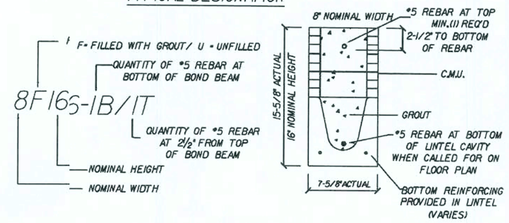
MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grout = 3000 psi w/ maximum 3/8" aggregate.
4. Concrete masonry units (CMU) per AST 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 grade 270 low relaxation.
7. 7/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

TYPICAL GARAGE DESIGNATION



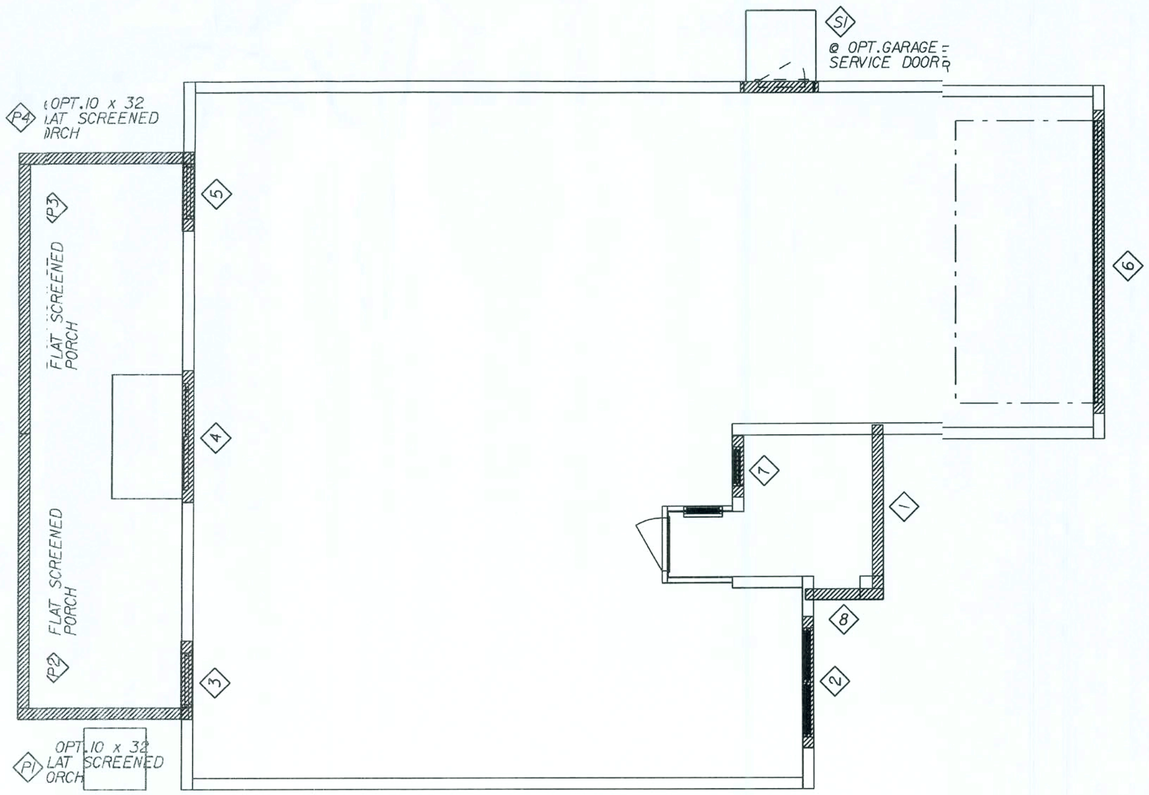
TYPICAL DESIGNATION



REVISED 12/29/04

CAST-CRETE LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	APPLIED LOADS (PLF) GRAVITY	APPLIED LOADS (PLF) UPLIFT	SAFE LOADS GRAVITY	SAFE LOADS UPLIFT	COMMENT
1	9'-4"	8F8-6-0B/1T	138	219	2459	1962	-
2	7'-6"	8F16-6-0B/1T	92	166	1599	2724	-
3	4'-6"	8F16-6-0B/1T	92	166	1599	2724	-
4	7'-6"	8F16-6-0B/1T	138	219	1599	2724	-
5	4'-6"	8F16-6-0B/1T	138	219	2632	1634	-
6	17'-4"	8F20-10-1B/1T	138	219	2231	3547	GARAGE DOOR
7	3'-6"	8U16-6-5-0B/1T	1183	415	2632	1634	-
8	4'-4"	8F8-6-0B/1T	1183	415	2632	1634	-
S1	4'-6"	8U16-6-5-0B/1T	1183	415	1599	2724	@ OPT. GARAGE SERVICE DR.
P1	10'-6"	8F8-6-0B/1T	33	220	1247	914	@ OPT. PORCH
P2	15'-4"	8F8-6-0B/1T	330	220	412	224	@ OPT. PORCH
P3	15'-4"	8F8-6-0B/1T	330	220	412	224	@ OPT. PORCH
P4	10'-6"	8F8-6-0B/1T	33	220	1247	914	@ OPT. PORCH



REVISIONS:
11-20-06 REV. BEDROOM LAYOUT FOR A/C
08-14-07 REV. CODE INFORMATION

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FLORIDA
THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF SECTION R301 OF THE FLORIDA BUILDING CODE 2004 : RESIDENTIAL AND 2005 SUPPLEMENT - FOR 125 MPH - 3 SEC. GUST. ALL EXPOSURES HAVE BEEN CHECKED. ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS.

d:\f\houses_05\montgomery\125\monte-125.wl1

WINDOW LINTEL SCHEDULE

MONTGOMERY

ELEVATION "C"

GARAGE: RIGHT
125 MPH

DRAWN BY:
RELEASE DATE: 11 / 29 / 04

11:34:37

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

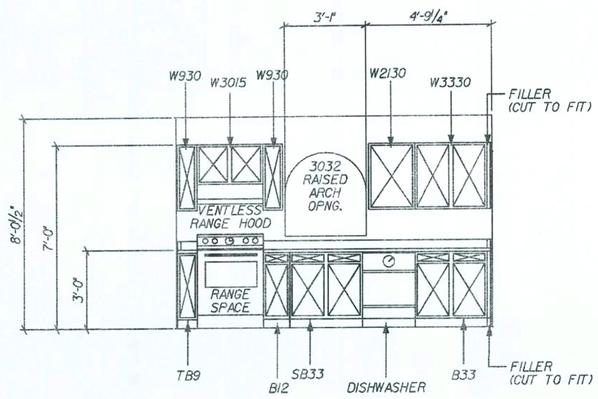
Elmer Bergman, P.E.
License No. 50158

MAY 06 2008

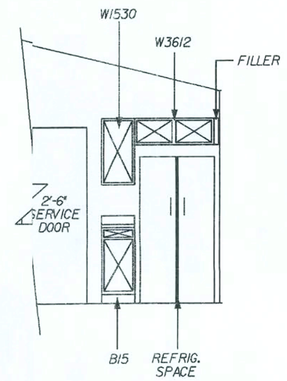
SHEET:
WL1C

PLOT DATE: 02 MAY 2008

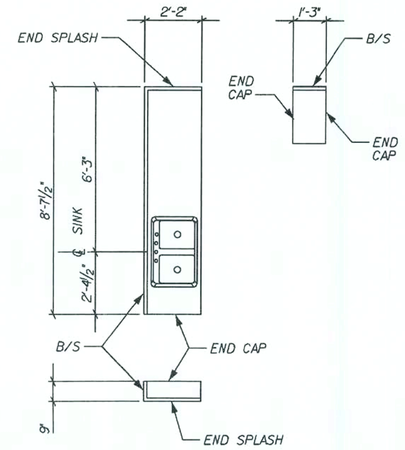
FLORIDA BUILDING CODE 2004 : RESIDENTIAL



A KITCHEN ELEVATION

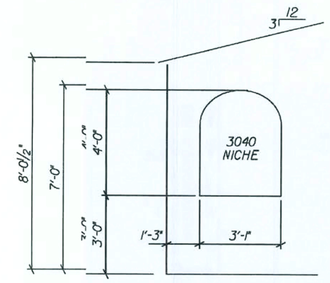


B KITCHEN ELEVATION

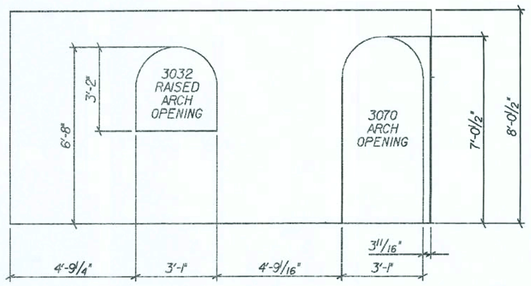


KITCHEN COUNTER TOP PLAN

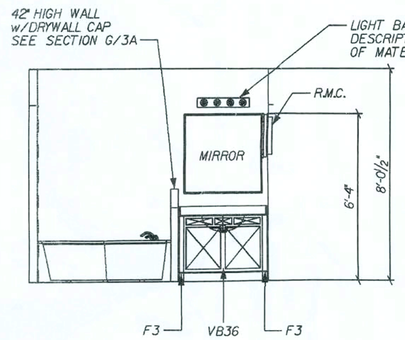
FOR COUNTER TOP CONSTRUCTION ONLY. NOT FOR FIELD USE



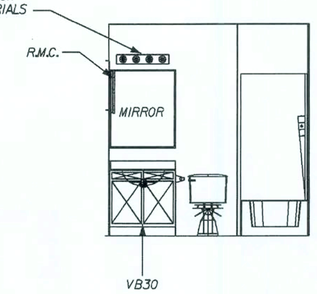
C ELEVATION @ NICHE



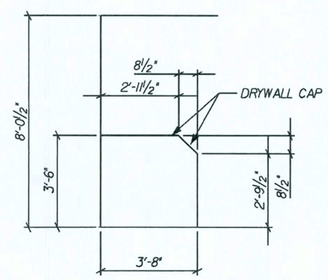
D ELEVATION @ KITCHEN /FAMILY ROOM WALL



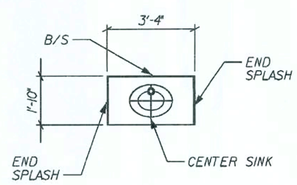
E MASTER BATH ELEVATION



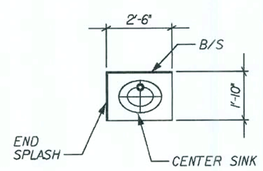
F ACCESS. BATH ELEVATION



G SECTION @ MASTER BATH TUB WALL



MASTER BATH LAV TOP PLAN



ACCESS BATH LAV TOP PLAN

REVISIONS :

01-05-06 CLAR. KIT. ARCH LOCATION
08-16-06 REV. CABINET @ RANGE
09-12-06 REV. KITCHEN CABINETS/FILLERS

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Maronda Homes

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

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

AMERICANA

INT. ELEVATIONS

MONTGOMERY

ALL ELEVATIONS

DRAWN BY:

GARAGE: RIGHT

RELEASE DATE: 11/29/04

11:34:39

PLOT DATE: 02 MAY 2008

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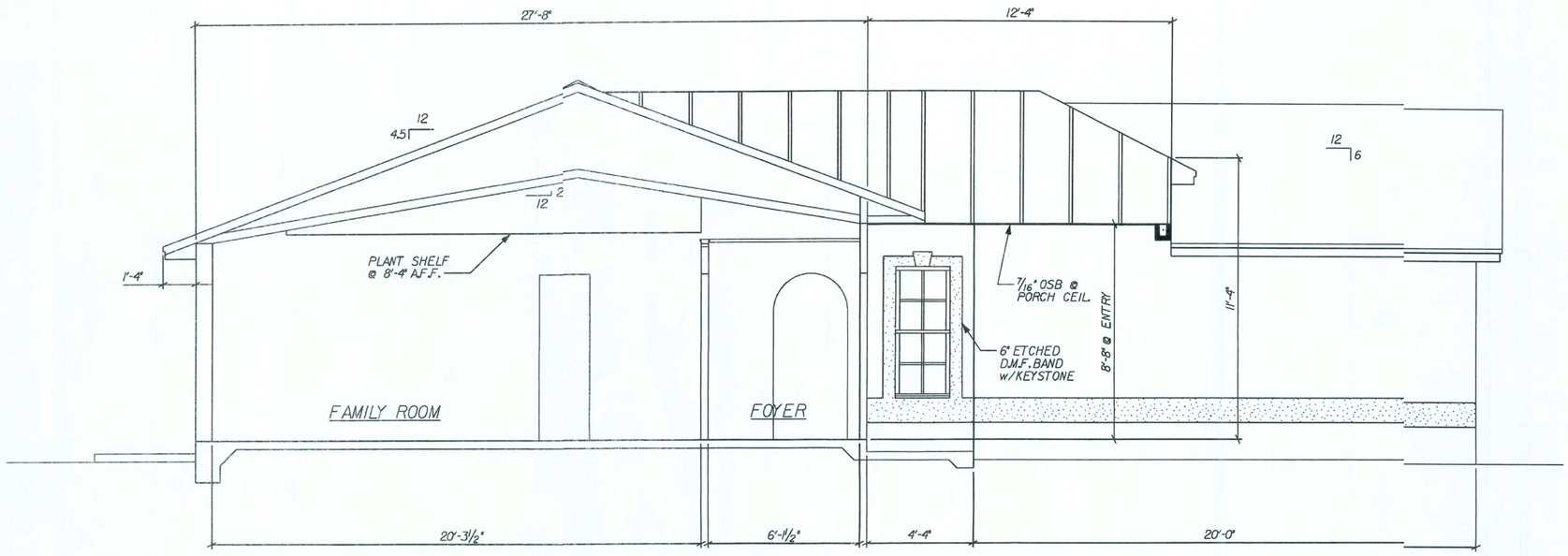
SHEET:

3A

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



CROSS SECTION

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

REVISIONS :

05-02-08 REV. ENTRY ROOF TRUSSES

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AMERICANA | BLD. CROSS SECT.

MONTGOMERY

ELEVATION "C"

DRAWN BY: | GARAGE: RIGHT

RELEASE DATE: 11 / 29 / 04

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

Elmer Bergman, P.E.
License No. 50158

MAY 06 2008

SHEET:

CSU

PLOT DATE: 02 MAY 2008 11:34:41 p:\1houses_05\montgomery\st\montc-c.csu

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

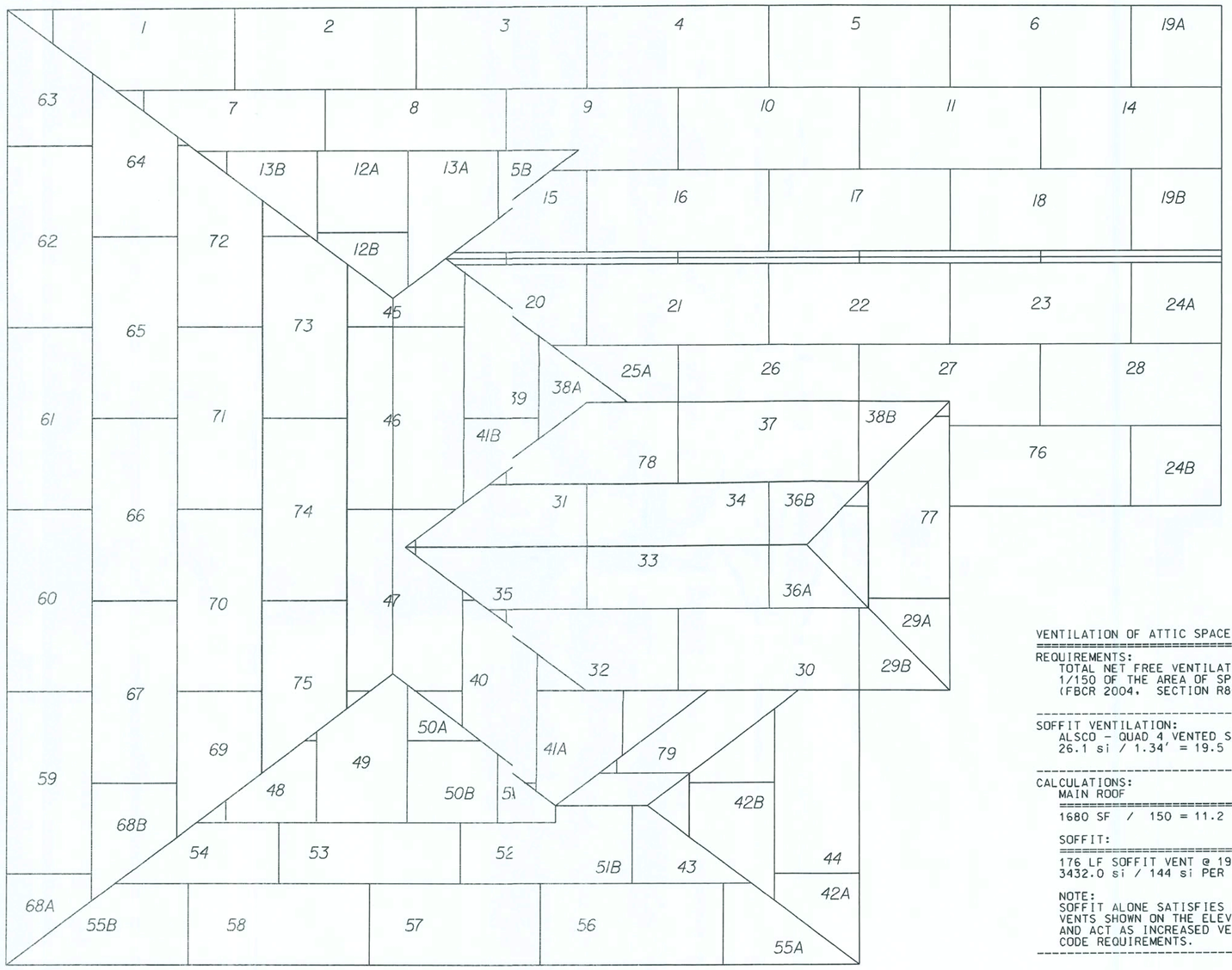
GENERAL ROOF NOTES:

7/16" OSB SHT'G w/ 8d RING/SCREW SHANK NAIL (AS PER R803.2.3.J) @ 0.C. EDGE & 6" O.C., FIELD, (3" O.C. @ GABLE END TRUSS) w/ CLIPS ON PRE-ENGINEERED TRUSSES @ 24" O.C.

REVISED 05-07-07

TOTAL ROOF SHEATHING:

79 SHEETS



VENTILATION OF ATTIC SPACE: MONTGOMERY

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
1680 SF / 150 = 11.2 SF VENTILATION REQUIRED

SOFFIT:
176 LF SOFFIT VENT @ 19.5 si/LF = 3432.0 si
3432.0 si / 144 si PER SF = 23.83 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.

REVISIONS :
06-16-06 REVISED VENT. CALCS.
04-02-07 REVISED ROOF LAYOUT

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AMERICANA | ROOF SHEATHING

MONTGOMERY

ELEVATION "C"

GARAGE: RIGHT

DRAWN BY:

RELEASE DATE: 11/ 29/ 04

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11:34:43

PLOT DATE: 02 MAY 2008

SHEET:
RS/c

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

USP HARDWARE - 160%

MARK	PRODUCT CODE #	MAN.	FASTENERS	UPLIFT
N	16d NAILS -(2) TOP CHORD NAILS / (2) BOTTOM CHORD NAILS			
1	HUS 26	USP	(14) 16d HEADER (6) 16d TRUSS	1925
2	HUS 28	USP	(22) 16d HEADER (8) 16d TRUSS	2570
3	JUS 26	USP	(4) 10d HEADER (4) 10d TRUSS	1115
4	MP6F	USP	HEADER/STUD (6) 8d TYPE 1 JOIST/PLATE (5) 8d	605
5	MPAI & MPAIF	USP	HEADER/STUD (6) 8d JOIST/PLATE (6) 8d	660
6	SKH 26 L/R	USP	HEADER (6) 16d JACK (6) 10d X 1½"	1085
7	SKHH26 L/R	USP	HEADER (18) 16d JACK (12) 10d X 1½"	2190
8	SUH 26	USP	HEADER (6) 10d JACK (4) 10d X 1½"	725
9	SUH 28	USP	HEADER (8) 10d JACK (6) 10d X 1½"	800
10	THD26	USP	HEADER (18) 16d TRUSS (12) 10d X 1½"	2170
11	THD28	USP	HEADER (28) 16d TRUSS (16) 10d X 1½"	2330
12	THD28-2	USP	HEADER (28) 16d TRUSS (16) 10d X 1½"	2485
13	THDH28-3	USP	HEADER (36) 16d TRUSS (16) 10d X 1½"	2665
14	THD48	USP	HEADER (28) 16d TRUSS (16) 10d X 1½"	2485
15	THJ 26	CLEVELAND	HIP(7)10d-HEADER(16)16d JACK (5) 10d x1½"	1010
16	(2) MTW 12	USP	(14) 10d (14) 10d x 1-1/2	2060
17	(2) MUGT15	USP	THREADED ROD (1) 5/8 GIRDER (22) 10d X 1½"	8330
18	(2) RT16-2	USP	TOP PLATES (8) 8d TRUSS (8) 8d X 1½"	2320
19	(2) MSTA24	USP	(18) 10d (18) 10d	3280
20	(2) RT16	USP	TOP PLATES (8) 8d TRUSS (8) 8d X 1½"	2060
21	C44	USP	POST (6) 16d BEAM (6) 10d X 1½"	1000
22	FA3	USP	TOP (4) 10d X 1½" SIDE (2) 10d X 1½"	1155
23	HC520 CLIP	USP	PLATES (11) 8d STUD (6) 8d	445
24	HHCP2 CRNR CLIP	USP	TRUSS (10) 10d X 1½" PLATE (10) 10d X 1½"	800
25	HTA 20 ANCHOR	USP	(14) 10d X 1½"	1615
26	HTA 20(2) ANCHOR	USP	(13) 10d X 1½"	3230
27	HTW24	USP	(20) 10d	1325
28	HUGT2	USP	CONC. ANC.BOLT (2)3/4"-(2)3/4"WASH 3¼" * EMBED. -ALL GRDR.-(8) 10d	9790
29	HUGT3	USP	CONC. ANC.BOLT (2)3/4"-(2)3/4"WASH 3¼" EMBED. -ALL GRDR.-(8) 10d	9860
30	KST227 STRP ANC.	USP	(34) 16d	4750
31	LPTA	USP	FACE OF GABLE W/ 2x4 (11) 10d x 1½"	1250
32	LSTA36	USP	(22) 10d X 1½"	1640
33	LTW12	USP	(12) 10d	670
34	LTS20 STRAP ANC	USP	ANCHOR-1/2" WEDGE BOLT 3¼" EMBED.- (10) 10d X 1½"STRAP	1890
35	LBP12 BEARING PLT	USP	½" J-BOLT	2515
36	LFTA6	USP	PLATE (8) 8d STUD (8) 8d	1035
37	MSTA12	USP	(10) 10d	1015
38	MSTA18	USP	(14) 10d	1420
39	MSTA24	USP	(18) 10d	1640
40	MSTA30	USP	(22) 10d	2065
41	MTW12	USP	(14) 10d	1030
42	MTW18	USP	(14) 10d	1030
43	MTS27B STRP ANC	USP	(24) 16d (1)¾" ANCHOR BOLT 3¼" EMBEDDED	4635
44	MUGT15	USP	(22) 10d (1) ⅝" THREADED ROD \ 4" ADD PH02 W/ (10) MS3 SCREWS & (1) ⅝" THREADED ROD	4165
45	NP37 3/8X 7	USP	HEADER (6) 16d TOP OF BOT. SEC.(6) 10d X 1½"	
46	PA 28	USP	(15) 16d	3360
47	RT16	USP	TOP PLATES (8) 8d TRUSS (8) 8d X 1½"	1030
48	RT16A	USP	TRUSS (9) 10d x 1½" PLATE (8) 10d	1380
49	RT16-2	USP	TOP PLATES (8) 8d TRUSS (8) 8d X 1½"	1160
50	RT5 CLIPS L/R	USP	TRUSS (4) 8d PLATE (4) 8d	540
51	RT3 CLIPS L/R	USP	(4) 8d TOP (4) 8d BOTTOM	530
52	TA 12	USP	(5) 10d x 1½"	790
53	TA 14	USP	(7) 10d x 1½"	1110
54	TA 18	USP	(8) 10d x 1½"	1205
55	(2)TA 18	USP	(8) 10d x 1½" 1-PLY (8) 10d x 1½" 2-PLY	2410 2410
56	TA 24	USP	(8) 10d x 1½"	1205
57	(2)TA 24	USP	(8) 10d x 1½" 1-PLY (8) 10d x 1½" 2-PLY	2410 2410
58	USC63	USP	TRUSS (8) 10d (4)¾" EXP. BOLTS #6170 2¾" EMBEDDED	11150
59	USC3F	USP	TRUSS (8) 10d (4)¾" EXP. BOLTS #6170 2¾" EMBEDDED	11150
60	USC73	USP	TRUSS (8) 16d (4)¾" EXP. BOLTS #6170 2¾" EMBEDDED	11150
61	UGTS63	USP	TRUSS (8) 16d (2)¾" ANC. BOLTS 2¾"* EMBEDDED	6170
62	(2) HTW24	USP	(20) 10d (20) 10d	2650
63	THDH414	USP	(16) 16d - POST (66) 16d - TRUSS	6770
64	HGA10	USP	(4) WS15 - RAFTER/TRUSS (4) MS3 - PLATE	1285

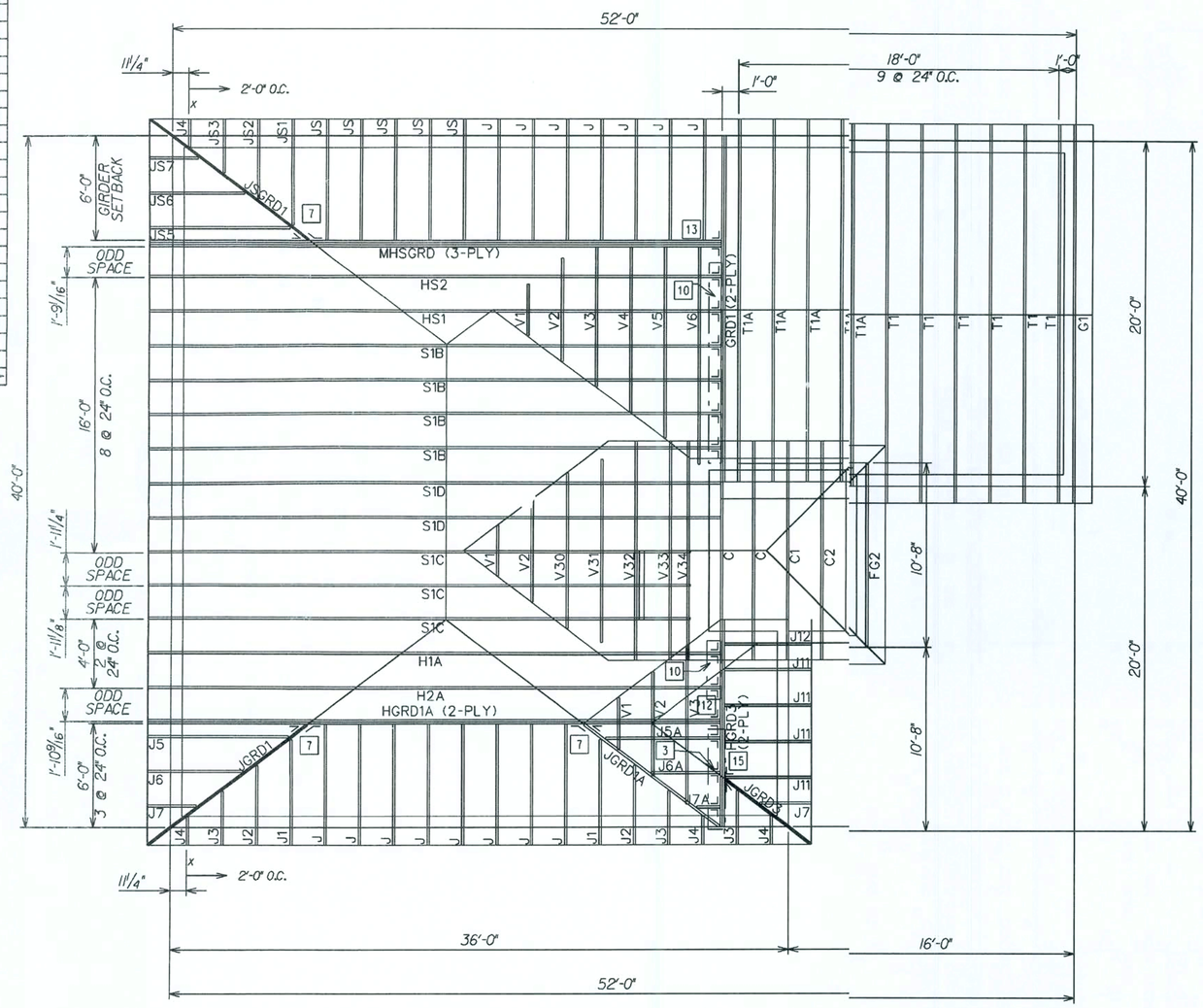
TRUSS HARDWARE SCHEDULE

TRUSS ID	TRUSS TYPE	QUAN.	UPLIFT LEFT	UPLIFT MID	UPLIFT RIGHT	STA LEFT	STA MI	STA RIGHT
C	COMMON	2	143		143	54		54
C1	COMMON	1	223		223	54		54
C2	COMMON	1	208		208	54		54
FG2	GABLE	1	118		116	54		54
G1	GABLE	1	57		77	54		54
GRD1	2-PLY HIP GIRDER	1	2359		2782	26		26
H1A	HIP	1	373		277	54		10
H2A	HIP	1	389		292	54		10
HGRD1A	2-PLY HIP GIRDER	1	1293		1231	55		12
HGRD3	2-PLY HIP GIRDER	1	1876		1366	55		55
HS1	HIP SCISSOR	1	373		277	54		10
HS2	HIP SCISSOR	1	388		292	54		10
J	END JACK	15	116	52	29	50	51	N
J1	CORNER JACK	2	112		76	50		N
J2	CORNER JACK	2	112		61	50		N
J3	CORNER JACK	3	114		34	50		N
J4	CORNER JACK	4	103		12	50		N
J5	CORNER JACK	1	158	53	22	50	51	N
J5A	CORNER JACK	1	49	48	41	3	51	N
J6	CORNER JACK	1	148		52	50		N
J6A	CORNER JACK	1	29		77	3		N
J7	CORNER JACK	2	139		8	50		N
J7A	CORNER JACK	1	9		27	3		N
J11	END JACK	4	148		41	50		N
J12	END JACK	1	134		29	50		N
JGRD1	KING JACK	1	268		329	24		7
JGRD1A	KING JACK	1	209		437	24		7
JGRD3	KING JACK	1	174		44	24		15
JS	SCISSOR JACK	5	114		117	50		N
JS1	SCISSOR JACK	1	112		101	50		N
JS2	SCISSOR JACK	1	109		63	50		N
JS3	SCISSOR JACK	1	115		26	50		N
JS5	SCISSOR JACK	1	157		115	50		N
JS6	SCISSOR JACK	1	146		53	50		N
JS7	SCISSOR JACK	1	136		10	50		N
JSGRD1	KING JACK	1	375		505	24		15
MHSGRD	3-PLY GIRDER	1	1376		1244	55		13
S1B	SCISSOR	4	363		265	54		10
S1C	SCISSOR	3	337		269	54		54
S1D	SCISSOR	2	362		260	54		54
T1	COMMON	6	239		239	54		54
T1A	COMMON	4	239		156	54		54
V1-V34	VALLEY TRUSS					33		

GENERAL TRUSS NOTES:

1. INFORMATION BASED ON 125 mph WINDLOAD, ALL PRESSURES WERE CALCULATED USING COMPONENTS AND CLADDING
2. ROOF TRUSS LOADING:
   16 psf TOP CHORD LL
   7 psf TOP CHORD DL
   0 psf BOTTOM CHORD LL
   10 psf BOTTOM CHORD DL
   33 psf TOTAL LOAD
3. PROVIDE TRUSS BRACING PER TRUSS ENGINEERING & TPI HIB-91

REVISED 10-25-05



REVISIONS :
10-01-05 FBC 2004 : RESIDENTIAL

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

FLORIDA:
THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF SECTION R301.2(4)A OF THE FLORIDA RESIDENTIAL CODE, 2004 EDITION, FLORIDA SUPPLEMENT. FOR 125 MPH-3 SEC. GUST, I-WD, EXPOSURE B, ENCLOSED BUILDING. ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS.

AMERICANA

INFO. SHEET

MONTGOMERY

ELEVATION "C"

DRAWN BY: K WARD | GARAGE: RIGHT

RELEASE DATE: 11/15/07 | 125 MPH

p:\f7houses_05\montgomery\125\mltek_1r\mgm-c-125-1r1

02 MAY 2008 09:21:43

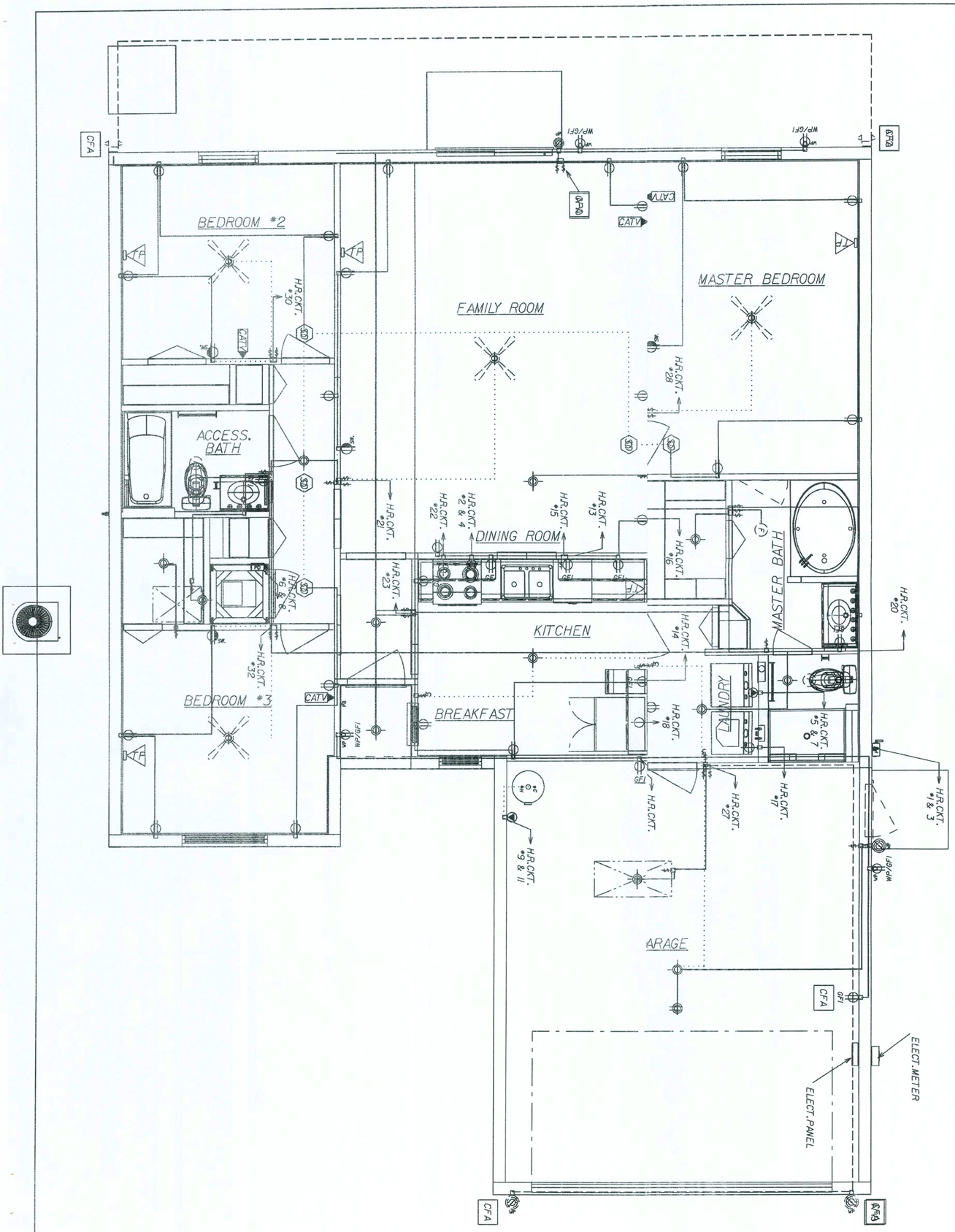
Maronda Systems
4005 Maronda Way
Sanford, FL 32771
(407)321-0064

Elmer Bergman, P.E.
License No. 50158

MAY 06 2008

SHEET:
TR1

FLORIDA BUILDING CODE 2004 :RESIDENTIAL



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.

Combination smoke/carbon monoxide alarms shall be listed or labeled by a Nationally Recognized Test Laboratory.

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

REVISED 10-05-06

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
PD	PD	Power Disconnect Switch
		Door Bell Chime
PB	PB	Door Bell Buzzer
		Ceiling Fan (By Others)
SD	SD	Smoke Detector
		Light Fixture Bath
		Exterior WP Lamp
		Single Pole Switch
		Three Way Switch
		Single Receptacle
		Duplex Receptacle
GFI	GFI	GFI Receptacle
SW.	SW.	Switched Receptacle
		220 V. Special Receptacle
		Ceiling Ltg Fixture
R	R	Recessed Ltg. Fixture
F	F	Exhaust Fan
CATV	CATV	Cable TV
TP	TP	Telephone Outlet
		Flood Lights
E		Exhaust Fan / Light Combo

REVISED 03-19-07

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REVISIONS :
02-19-07 ADD SMOKE DETECTOR TO MASTER BEDROOM

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

FLORIDA
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AMERICANA ELECTRIC LAYOUT
MONTGOMERY

GARAGE: RIGHT
DRAWN BY:
RELEASE DATE: / /

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08:24:21

PLOT DATE: 12 MAR 2008

SHEET: E1

elecitem REPORT

Fri Feb 04 10:29:40 2005
p:*fl*houses 05*montgomery*electrical*mont.ele

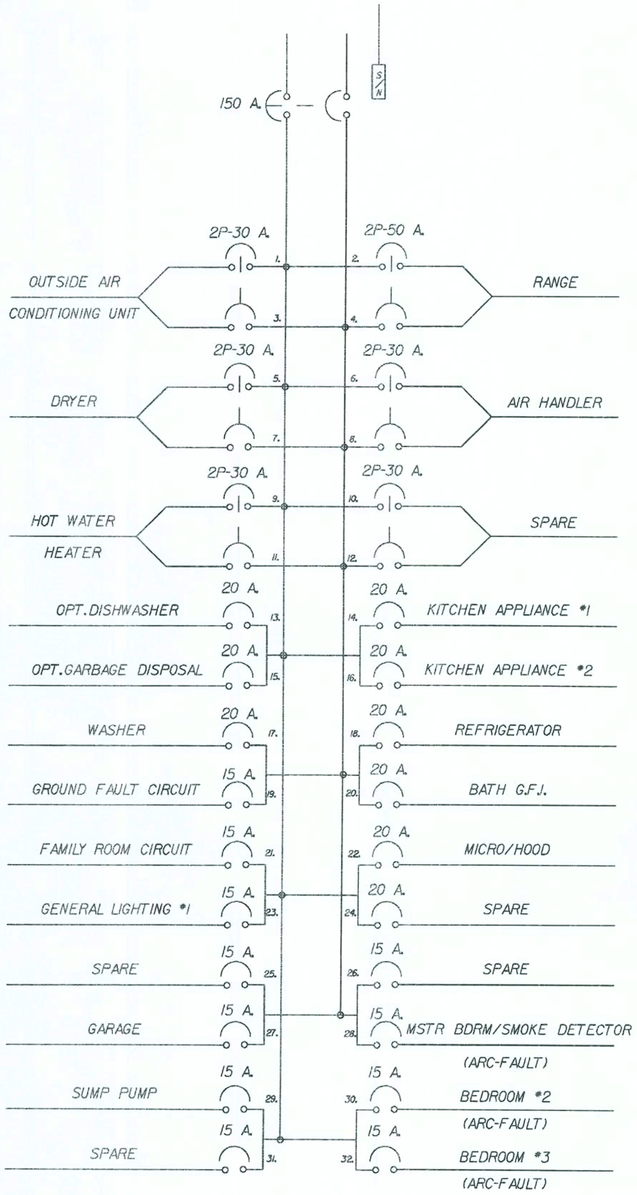
QUANTITY	DESCRIPTION
24	1451 Single Pole Switch
1	200 Amp Panel
3	220 V. Special Receptacle
1	ANC U200 - Underground Meter Socket
2	CLN B344A - 3 Gang Box
12	CLN B620H - Octagon Hanger
4	Ceiling Fan (By Others)
1	Deluxe Broadway 2' P3298-10
1	Deluxe Broadway 3' P3299-11
1	Door Bell Buzzer
29	Duplex Receptacle
3	Exhaust Fan
1	Exterior WP Lamp
4	G.F.I. Receptacle
11	H-7T Overhead Light
4	MMWPRC MULTI-MAC MM400C-B WEATHER PROOF RECEPTICAL COVER - OHIO
2	Power Disconnect Switch
57	RAC 7302 - 1 Gang BoX
8	RAC 7835 - 2 Gang Box
1	Rear Door WP Lamp
3	Single Receptacle
5	Smoke Detector
4	Switched Receptacle
5	Telephone Outlet
4	Three Way Switch

elecinth REPORT

Fri Feb 04 10:29:40 2005
p:*fl*houses 05*montgomery*electrical*mont.ele

QUANTITY	DESCRIPTION
137'	10 Gauge/3 Cond. Copper
471'	12 Gauge/2 Cond. Copper
1684'	14 Gauge/2 Cond. Copper
289'	14 Gauge/3 Cond. Copper
100'	6 Gauge/3 Cond. Copper

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



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

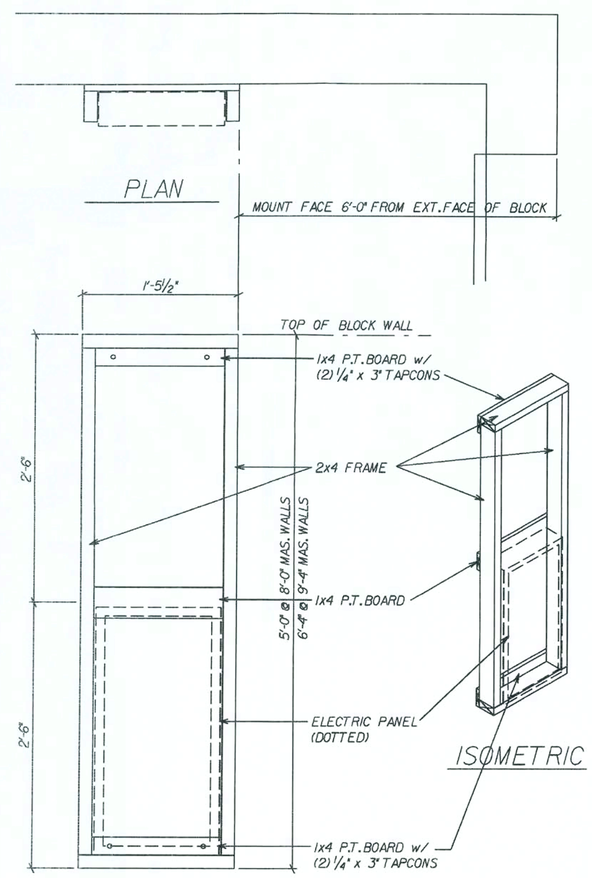
09/21/05

MODEL: MONTGOMERY 3

		VOLT/AMPS
LARGEST LOAD:HEAT PUMPW/SUPPLEMENTAL HEAT		**9800**
SQUARE FEET LIVING AREA	**1261** @ 3 VOLT/AMPS	3783
SMALL APPLIANCE CIRCUITS		3000
LAUNDRY CIRCUIT		1500
OVEN		11700
WATER HEATER		4500
DISHWASHER		1500
DRYER		5000
DISPOSAL		500
TOTAL LOAD		**31483**

FIRST 10KVA @100%	10000	
REMAINDER @40%	8593.2	
LARGEST LOAD	9800	
TOTAL LOAD	**28393** V.A./240 VOLTS=	**118** AMPS

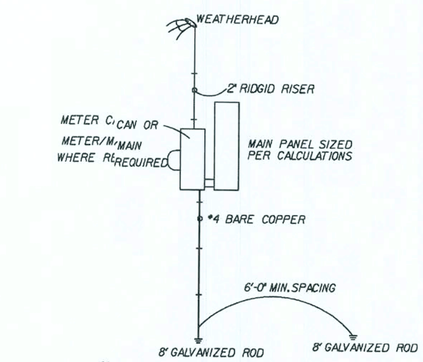
SERVICE SIZE: 150 AMPS



ELECTRIC PANEL FRAME

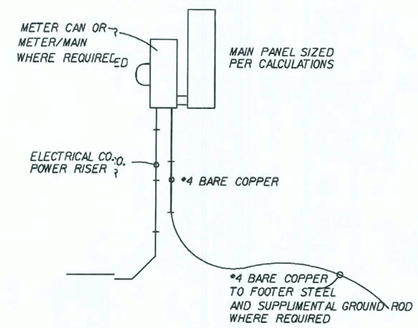
REVISED 09-07-07
ADDED HGT.@ 9'-4" MAS. WALL

SCALE: 1" = 1'-0"

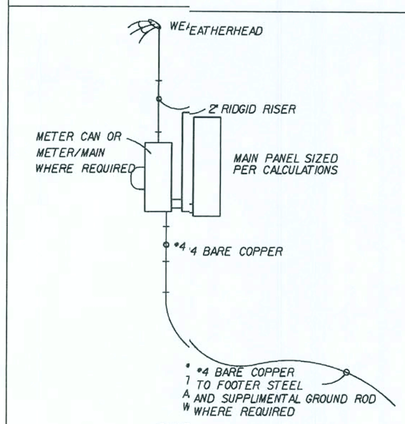


OVERHEAD SERV.

REVISED 06-06-06 SPACING REQUIREMENT

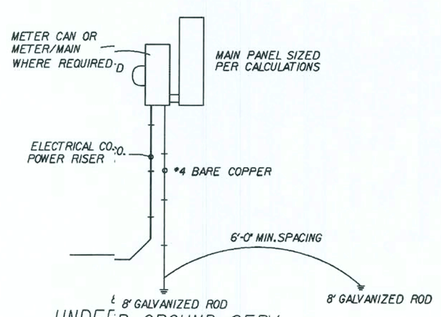


UNDEER GROUND SERV.



OVEERHEAD SERV.

REVISED 06-06-06 SPACING REQUIREMENT



UNDER GROUND SERV.

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

REVISIONS :
05-24-06 ADD NOTE FOR LOCK-DOG
02-19-07 ADD SMOKE DETECTOR TO MASTER BEDROOM
03-10-08 REV.DW & GD BKR.TO 20 AMP.- KW

Maronda Homes

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AMERICANA ELECTRICAL DETAILS

MONTGOMERY

GARAGE:

DRAWN BY:

RELEASE DATE: 09-11-03

08-24-21

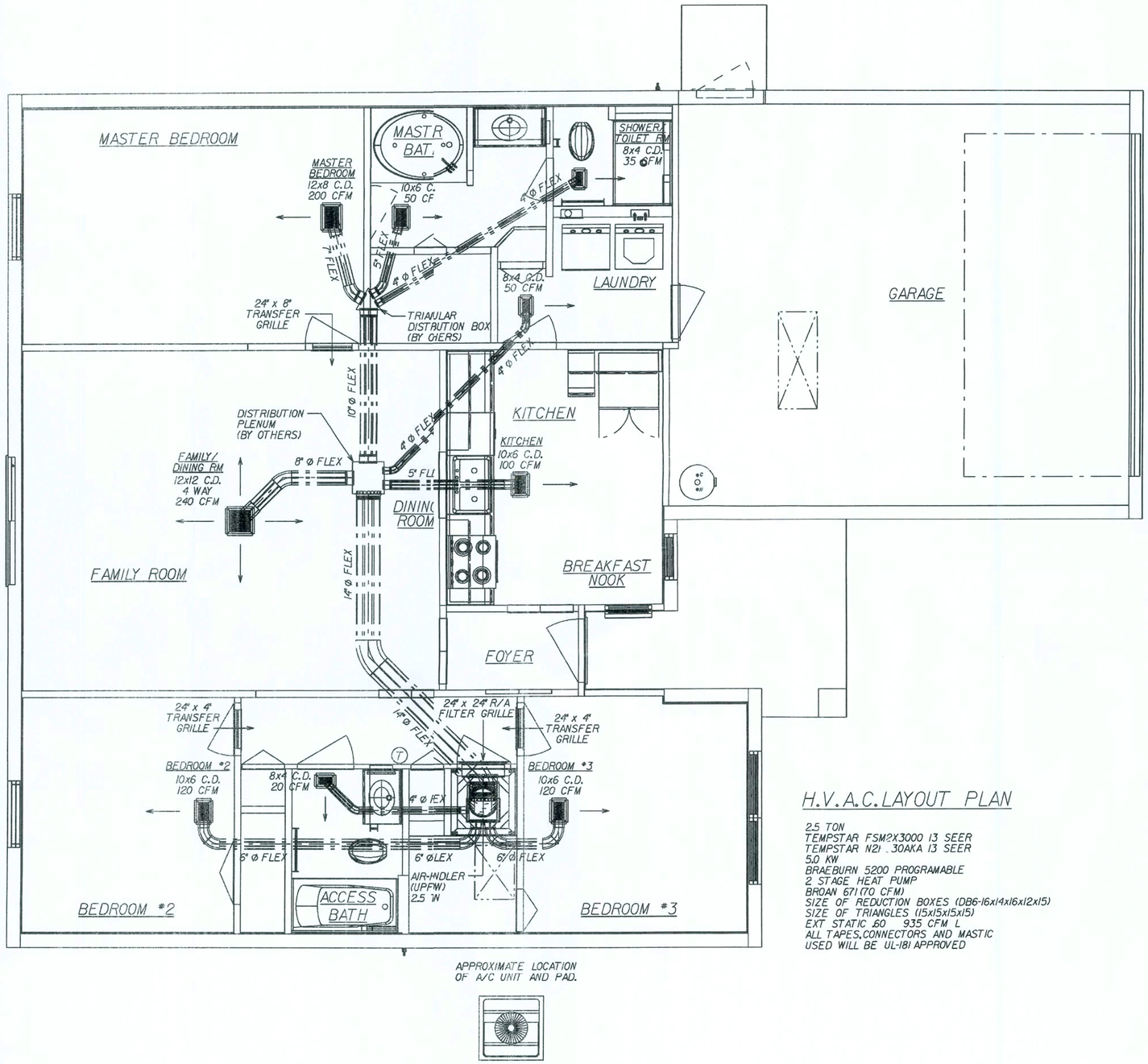
PLOT DATE: 12 MAR 2008

p:\7\houses_05\montgomery\electrical\mont.elia

SHEET:

ELIA

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



APPROXIMATE LOCATION OF A/C UNIT AND PAD.

H.V.A.C. LAYOUT PLAN

2.5 TON
TEMPSTAR FSM2X3000 13 SEER
TEMPSTAR N21 .30AKA 13 SEER
5.0 KW
BRAEBURN 5200 PROGRAMABLE
2 STAGE HEAT PUMP
BROAN 671 (70 CFM)
SIZE OF REDUCTION BOXES (DB6-16x14x16x12x15)
SIZE OF TRIANGLES (15x15x15x15)
EXT STATIC .60 935 CFM L
ALL TAPES, CONNECTORS AND MASTIC USED WILL BE UL-181 APPROVED

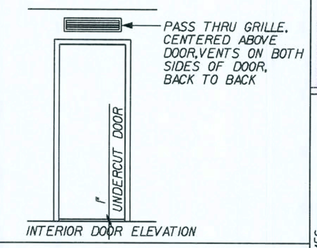
GENERAL MECHANICAL NOTES:

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.

M1602.4 BALANCED RETURN AIR:
TRANSFER GRILLES @ HABITABLE ROOMS SEE DETAIL BELOW:



REVISIONS :
11-01-05 REMOVED ENG'S NOTE
06/22/06 REVISED AS PER DRAWINGS TJM
12/05/06 REVISED AS PER DRAWINGS TJM

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p:\houses_05\montgomery\hvac\f\amonth3.hvo

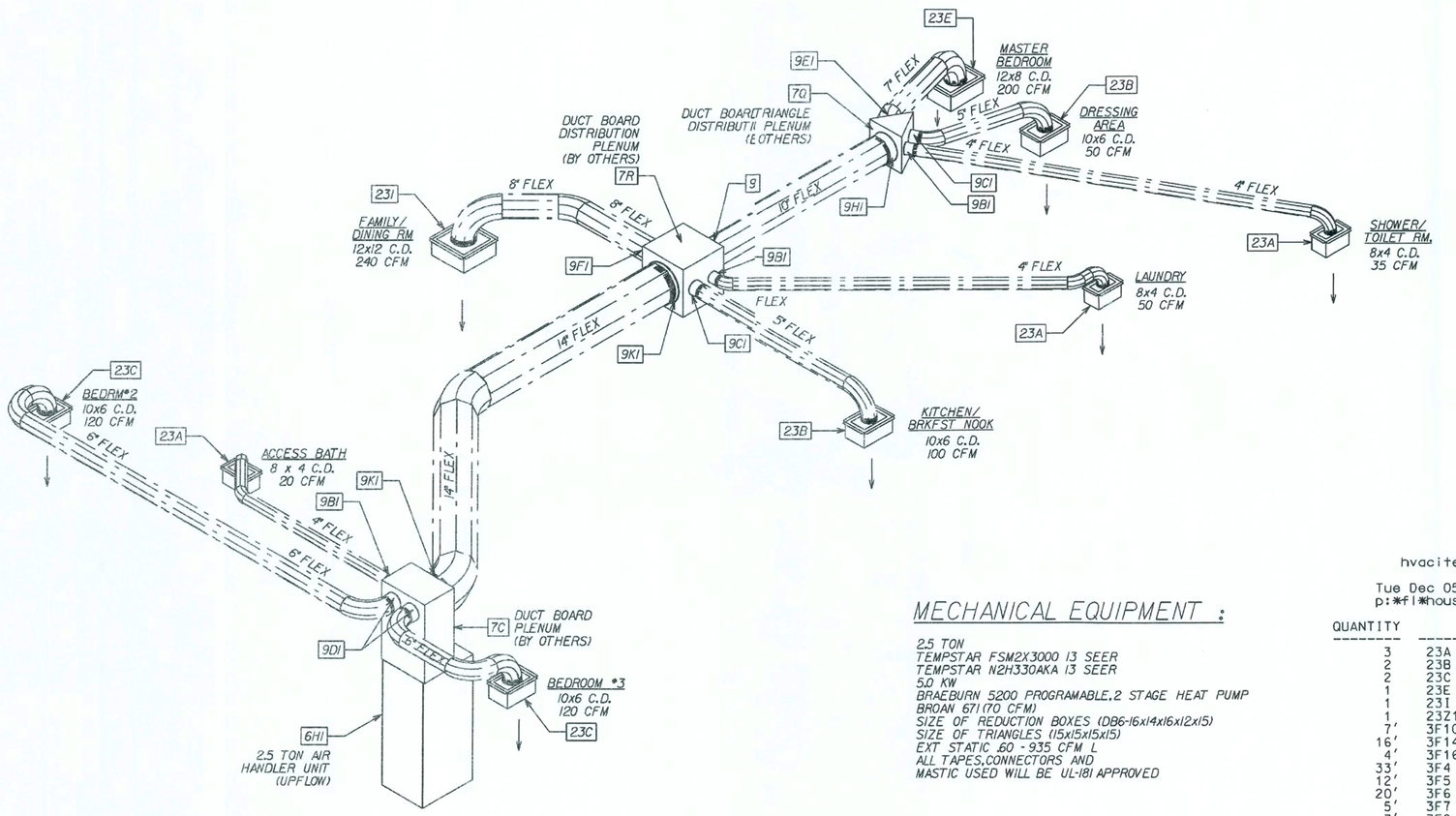
AMERICANA
REGISTER LAYOUT
MONTGOMERY-3
GARAGE: RIGHT
DRAWN BY: RW. PIOTROWSKI
RELEASE DATE: 04/11/05
14:22:43
PLOT DATE: 16 JAN 2008

SHEET:
HVA

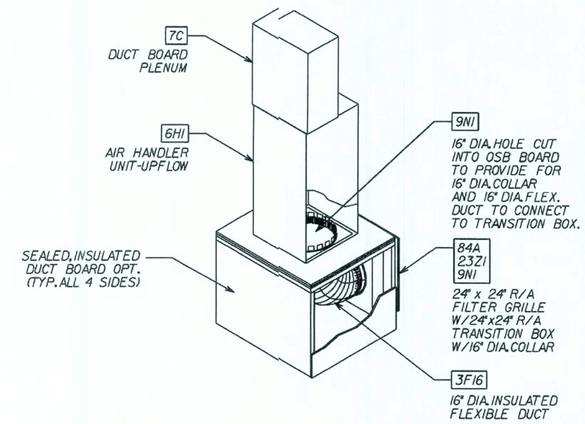
FLORIDA BUILDING CODE 2004 : RESIDENTIAL

* USE WITH 13 SEER EQUIPMENT *

* USE WITH 13 SEER EQUIPMENT *



H.V.A.C. LAYOUT ISOMETRIC



RETURN-AIR ISOMETRIC

MECHANICAL EQUIPMENT :

2.5 TON
TEMPSTAR FSM2X3000 13 SEER
TEMPSTAR N2H330AKA 13 SEER
5.0 KW
BRAEBURN 5200 PROGRAMABLE, 2 STAGE HEAT PUMP
BROAN 671 (70 CFM)
SIZE OF REDUCTION BOXES (DB6-16x14x16x12x15)
SIZE OF TRIANGLES (15x15x15x15)
EXT STATIC .60 - .935 CFM L
ALL TAPES, CONNECTORS AND
MASTIC USED WILL BE UL-181 APPROVED

hvacitem REPORT

Tue Dec 05 08:05:23 2006
p:*fl*houses 05*montgomery-11a 2006*hvac*flamonth.htg

QUANTITY			DESCRIPTION
3	23A	150045.0035	8x4 CEILING BOOT W/4" DIA. COLLAR
2	23B	150045.0036	10x6 CEILING BOOT W/5" DIA. COLLAR
2	23C	150045.0036	10x6 CEILING BOOT W/6" DIA. COLLAR
1	23E	150045.0038	12x8 CEILING BOOT W/7" DIA. COLLAR
1	23I	150045.0040	12x12 CEILING BOOT W/8" DIA. COLLAR
1	23Z1	150045.0046	24x24 R/A TRANSITION BOOT
7'	3F10	150040.0097	10" FOIL FLEX R6
16'	3F14	150040.0099	14" FOIL FLEX R6
4'	3F16	150040.0108	16" FOIL FLEX R6
33'	3F4	150040.0091	4" FOIL FLEX R6
12'	3F5	150040.0092	5" FOIL FLEX R6
20'	3F6	150040.0093	6" FOIL FLEX R6
5'	3F7	150040.0094	7" FOIL FLEX R6
7'	3F8	150040.0095	8" FOIL FLEX R6
1	6H1	150005.0023	FEM2X3000A 13 SEER 2.5 TON AIR HANDLER UNIT
1	6O1	150010.0102	N2H330AKA 13 SEER 2.5 TON CONDENSER
1	7C	150005.0110	19x13x30"H BOX PLENUM
1	7Q	150040.0118	DUCT FOIL PLENUM TRIANGLE
1	7R	150040.0111	18" SQUARE DUCT PLENUM
2	81A	150055.0041	24x4 TRANSFER GRILLE
2	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
3	9B1	150040.0075	4" K-COLLAR/ROTH (4KC/413)
2	9C1	150040.0076	5" K-COLLAR/ROTH (5KC/413)
2	9D1	150040.0077	6" K-COLLAR/ROTH (6KC/413)
1	9E1	150040.0078	7" K-COLLAR/ROTH (7KC/413)
1	9F1	150040.0079	8" K-COLLAR/ROTH (8KC/413)
2	9H1	150040.0081	10" K-COLLAR/ROTH (10KC/413)
2	9K1	150040.0083	14" K-COLLAR/ROTH (14KC/413)
2	9N1	150040.0084	16" K-COLLAR/ROTH (16KC/413)

REVISIONS :
06/22/06 REVISED AS PER DRAWINGS TJM
12/05/06 REVISED AS PER DRAWINGS TJM

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AMERICANA | HVAC ISOMETRIC

MONTGOMERY-3

3 BEDROOM

DRAWN BY: | GARAGE: RIGHT

RELEASE DATE: 04/11/05 | R.M. PIOTROWSKI

p:\fl\houses_05\montgomery\hvac\flamonth3.iso

14:22:44

SHEET:
ISO-H

PLOT DATE: 16 JAN 2008

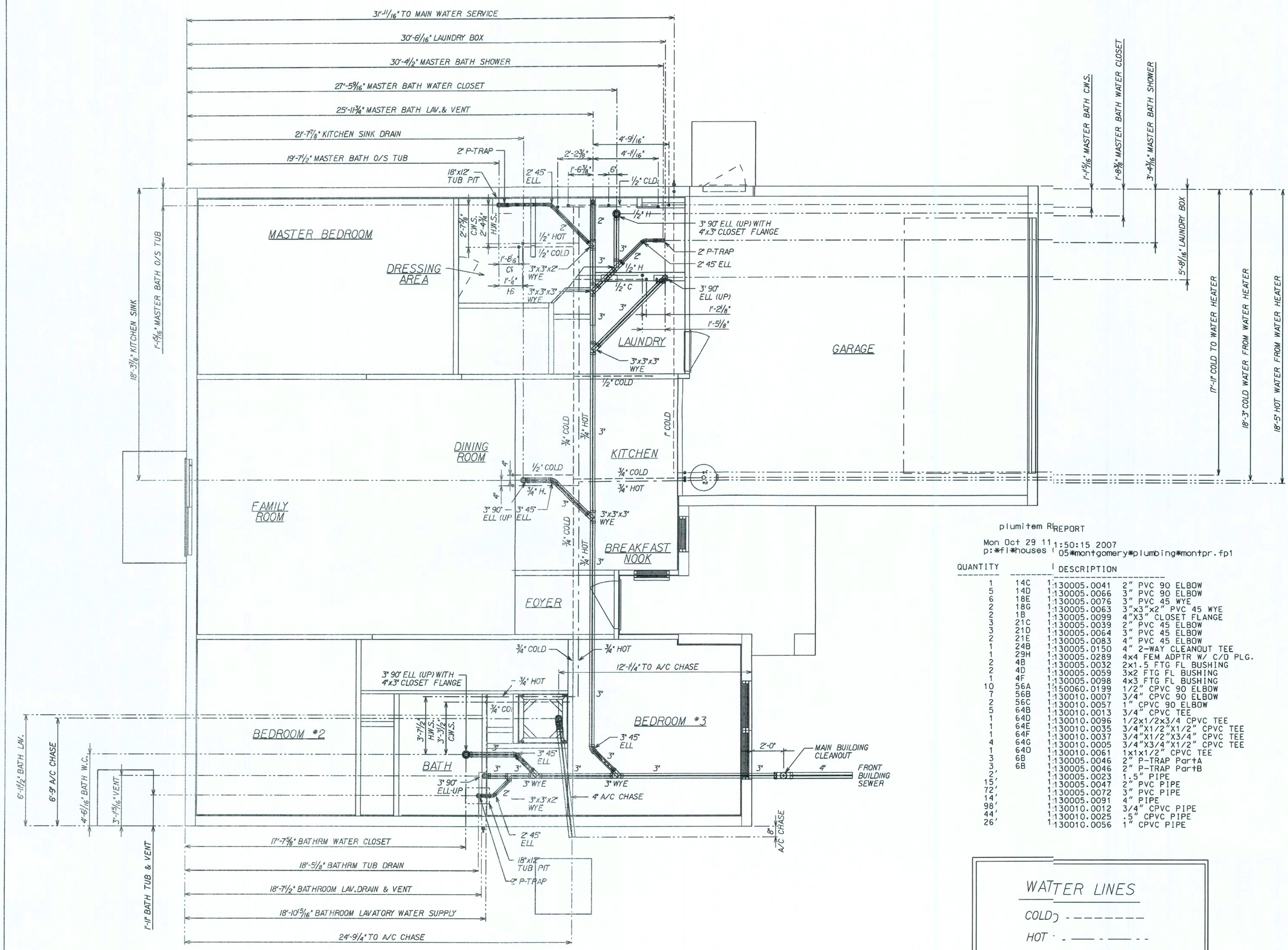
FLORIDA BUILDING CODE 2004 : RESIDENTIAL

PER FLORIDA PLUMBING CODE: ALL WATER INTO HOUSE WILL RUN ON 1" CPVC TO 0 FIRST FIXTURE GROUP.

REVISED 10-03-06

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

REVISED 08-15-05



plumitem RI REPORT

Mon Oct 29 11:50:15 2007
p:*fl*houses 05*montgomery*plumbing*montpr.fp1

QUANTITY			DESCRIPTION
1	14C	1:130005.0041	2" PVC 90 ELBOW
5	14D	1:130005.0066	3" PVC 90 ELBOW
6	18E	1:130005.0076	3" PVC 45 WYE
2	18G	1:130005.0063	3"x3"x2" PVC 45 WYE
2	1B	1:130005.0099	4"X3" CLOSET FLANGE
3	21C	1:130005.0039	2" PVC 45 ELBOW
3	21D	1:130005.0064	3" PVC 45 ELBOW
2	21E	1:130005.0083	4" PVC 45 ELBOW
1	24B	1:130005.0150	4" 2-WAY CLEANOUT TEE
1	29H	1:130005.0289	4x4 FEM ADPTR W/ C/O PLG.
2	4B	1:130005.0032	2x1.5 FTG FL BUSHING
2	4D	1:130005.0059	3x2 FTG FL BUSHING
1	4F	1:130005.0098	4x3 FTG FL BUSHING
10	56A	1:150060.0199	1/2" CPVC 90 ELBOW
7	56B	1:130010.0007	3/4" CPVC 90 ELBOW
2	56C	1:130010.0057	1" CPVC 90 ELBOW
5	64B	1:130010.0013	3/4" CPVC TEE
1	64D	1:130010.0096	1/2x1/2x3/4 CPVC TEE
1	64E	1:130010.0035	3/4"X1/2"X1/2" CPVC TEE
1	64F	1:130010.0037	3/4"X1/2"X3/4" CPVC TEE
4	64G	1:130010.0005	3/4"X3/4"X1/2" CPVC TEE
1	64O	1:130010.0061	1x1x1/2" CPVC TEE
3	6B	1:130005.0046	2" P-TRAP PartA
3	6B	1:130005.0046	2" P-TRAP PartB
2'		1:130005.0023	1.5" PIPE
15'		1:130005.0047	2" PVC PIPE
72'		1:130005.0072	3" PVC PIPE
14'		1:130005.0091	4" PIPE
98'		1:130010.0012	3/4" CPVC PIPE
44'		1:130010.0025	.5" CPVC PIPE
26'		1:130010.0056	1" CPVC PIPE

WATTER LINES

COLD - - - - - - - -

HOT - — - — - -

REVISIONS :

08/11/06 REV.CLEANOUT & BOM LIST TJM

12/04/06 REVISED A/C CHASE & BOM TJM

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AMERICANA

MONTGOMERY-3

UNDERGROUND PLUMBING

DRAWN BY: R.W.PIOTROWSKI

GARAGE: RIGHT

RELEASE DATE:

p:\fl\houses_05\montgomery\plumbing\montpr.fp1

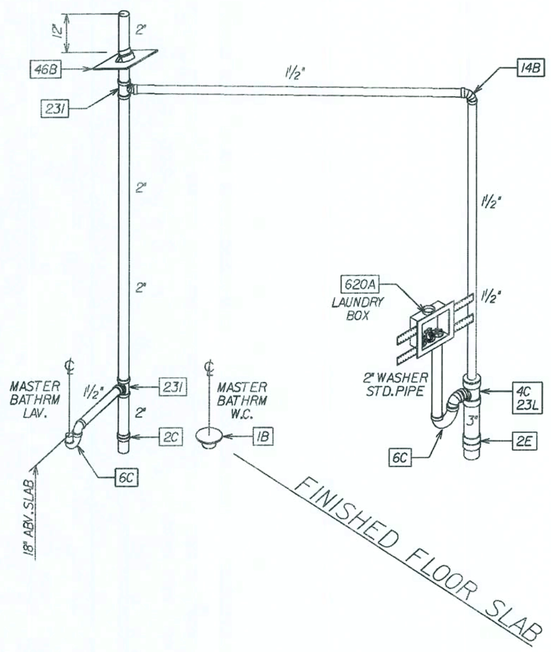
14:23:16

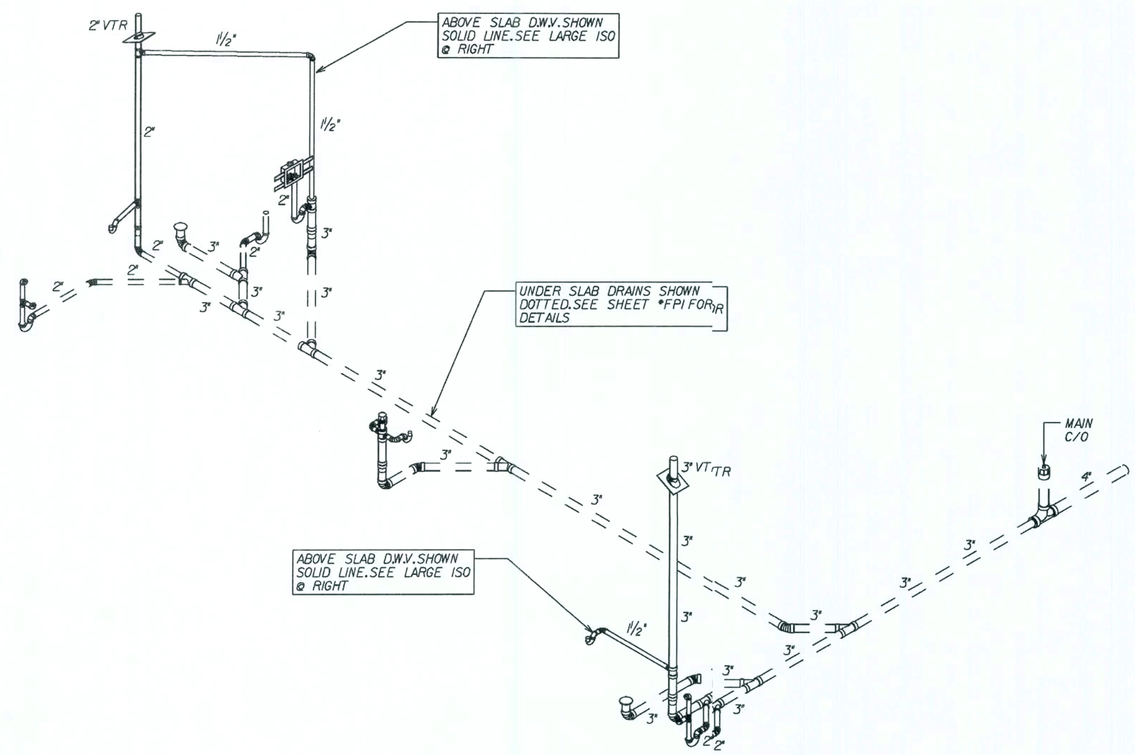
PLOT DATE: 16 JAN 2008

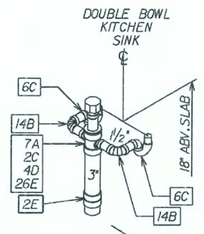
SHEET:

FP1

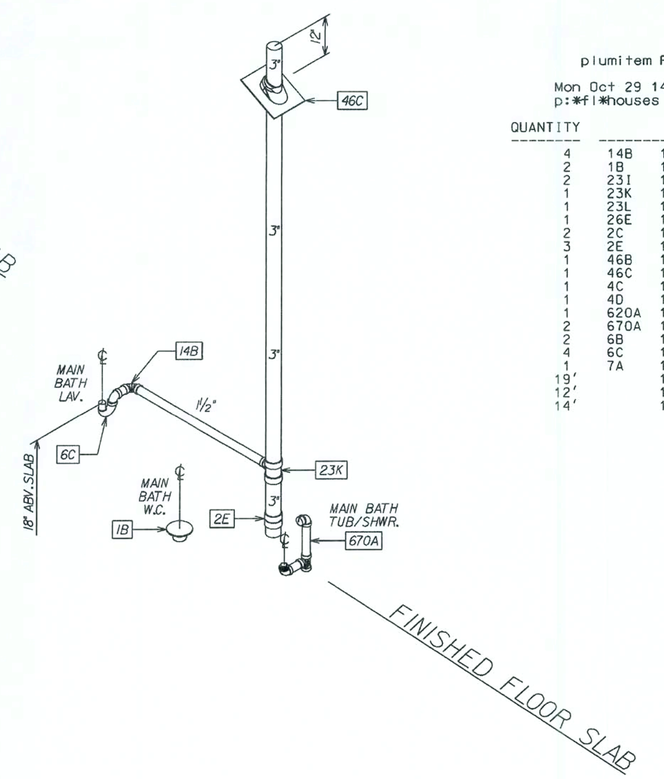
FLORIDA BUILDING CODE 2004 : RESIDENTIAL







D.W.V. PLUMBING ISOMETRIC



plumitem REPORT

Mon Oct 29 14:48:16 2007
p:*fl*houses 05*montgomery*plumbing*montp.plm

QUANTITY		DESCRIPTION	
4	14B	130005.0013	1.5" PVC 90 ELBOW
2	1B	130005.0099	4"X3" CLOSET FLANGE
2	23I	130005.0034	2"x2"x1.5" PVC TEE
1	23K	130005.0056	3"x3"x1.5" PVC TEE
1	23L	130005.0062	3"x3"x2" PVC TEE
1	26E	130005.0132	3"x3"x1.5"x1.5" DOUBLE TEE
2	2C	130005.0043	2" PVC COUPLING
3	2E	130005.0068	3" PVC COUPLING
1	46B	130050.0125	2" NEOPRENE ROOF FLASHING
1	46C	130050.0028	3" NEOPRENE ROOF FLASHING
1	4C	130005.0054	3x1.5 FTG FL BUSHING
1	4D	130005.0059	3x2 FTG FL BUSHING
1	620A	130035.0027	2" WMOB QUADTRO LAUNDRY BOX #38531
2	670A	130005.0105	1 1/2" WATCO TUB OVERFLOW ASSEMBLY
2	6B	130005.0046	2" P-TRAP
4	6C	130005.0107	1.5"x1.25" P-TRAP W/UNION JT
1	7A	130005.0160	1.25-2" STUDOR MINI-VENT
19'		130005.0023	1.5" PIPE
12'		130005.0047	2" PVC PIPE
14'		130005.0072	3" PVC PIPE

REVISIONS :
09/26/06 REVD.KITCHEN SINK ASSEM.-TJM
10/29/07 REVISED AS PER DRAWING TJM

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AMERICANA | DWV PLUMBING ISO

MONTGOMERY-3

D.W.V. PLUMBING ISOMETRIC

DRAWN BY: RW.PIOTROWSKI GARAGE: RIGHT

RELEASE DATE:

14:23:17

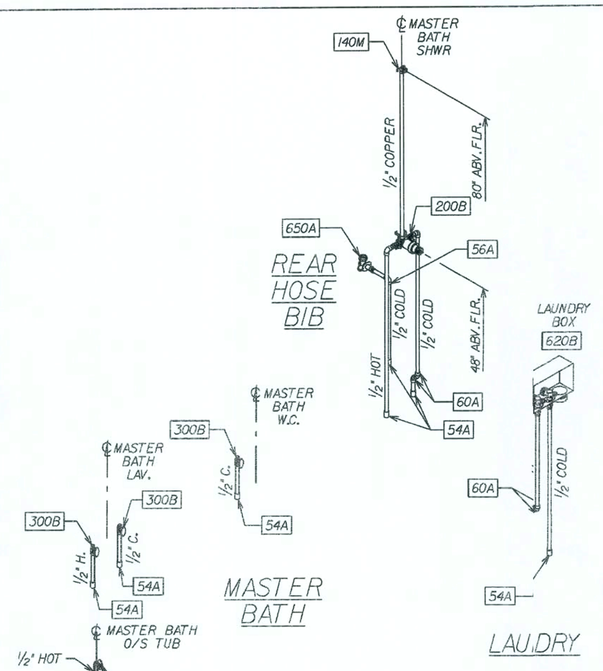
PLOT DATE: 16 JAN 2008

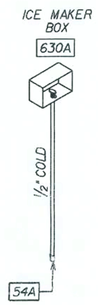
SHEET:
ISO-P

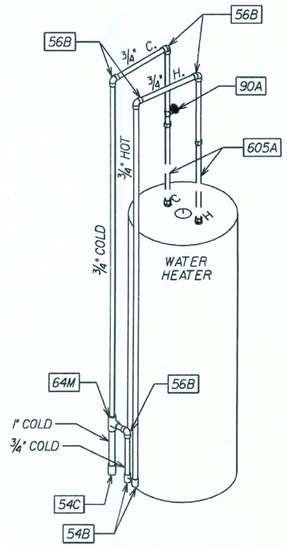
FLORIDA BUILDING CODE 2004 : RESIDENTIAL

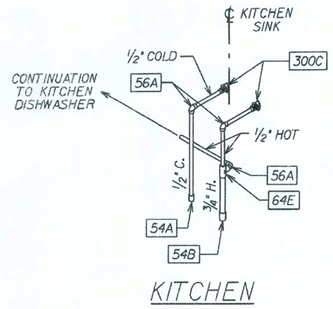
PER FLORIDA PLUMBING CODE; ALL WATER INTO HOUSE WILL RUN ON 1" CPVC TO FIRST FIXTURE GROUP.

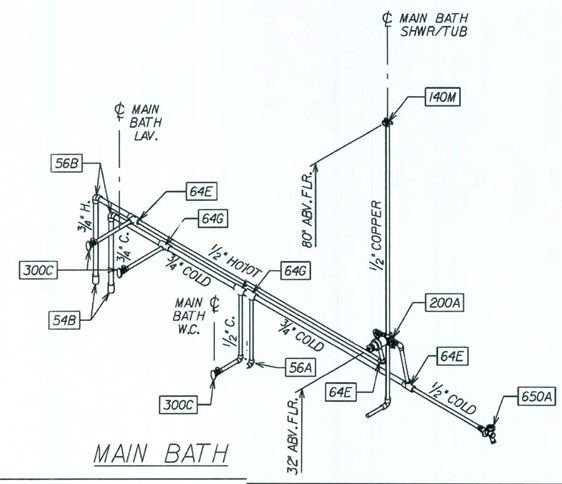
REVISED 10-03-06











plumitem REPORT

Tue Apr 12 08:30:18 2005
p:*fl*houses 05*montgomery*plumbing*flamontw.wtr

QUANTITY	DESCRIPTION
1	140C 90 ELL Cu 3/4"
2	140M 90 ELL Cu 1/2 Drop
1	200A Tub Diverter
1	200B Shower Diverter
5	300B Straight Valve 1/2" x 3/8"
5	300C Angle Valve 1/2" x 3/8"
12	54A CPVC COUPLING .5
5	54B CPVC COUPLING .75
1	54C CPVC COUPLING 1
8	56A 1/2" CPVC 90 ELBOW
7	56B CPVC EL90 .75
2	58A CPVC EL90 STREET .5
2	605A Corr Gas App Conn
4	60A CPVC EL45 .5
1	620B Laundry Box Right
1	630A Ice Maker Box
4	64E CPVC TEE .75x.5x.5
2	64G CPVC TEE .75x.75x.5
1	64M CPVC TEE 1x.75x.75
2	650A Hose Bib
2	66B CPVC MALE ADAPTER BRS THR .75
1	90A Shut-Off Valve

PlumInth REPORT

Tue Apr 12 08:30:18 2005
p:*fl*houses 05*montgomery*plumbng*flamontw.wtr

QUANTITY	DESCRIPTION
36'	.5" CPVC PIPE
29'	.75" CPVC PIPE
1'	1" CPVC PIPE
9'	1/2" Cu Pipe

REVISIONS :

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p:\fl\houses_05\montgomery\plumbing\montw.iso

AMERICANA

R.W. PIOTROWSKI

MONTGOMERY Y-3

CPVC WATER LINES

DRAWN BY:

GARAGE: RIGHT

RELEASE DATE:

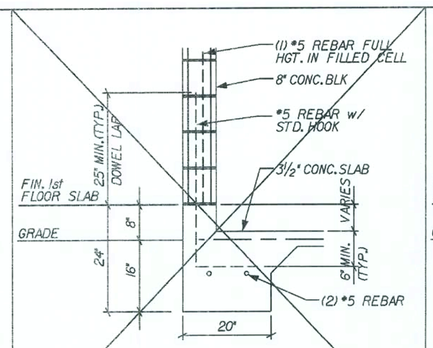
14:23:18

PLOT DATE: 16 JAN 2008

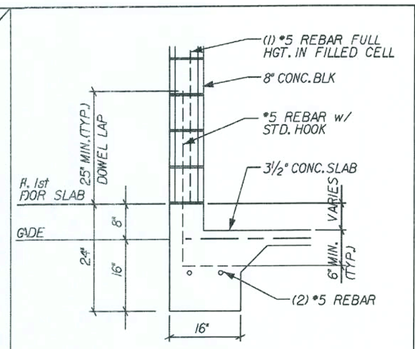
SHEET:

ISO-W

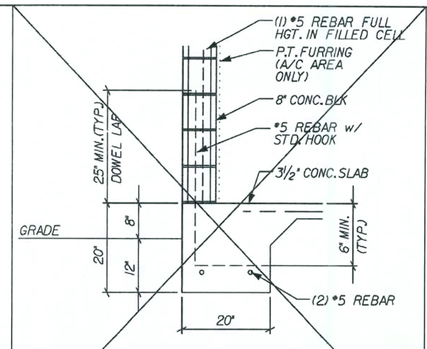
FLORIDA BUILDING CODE 2004 : RESIDENTIAL



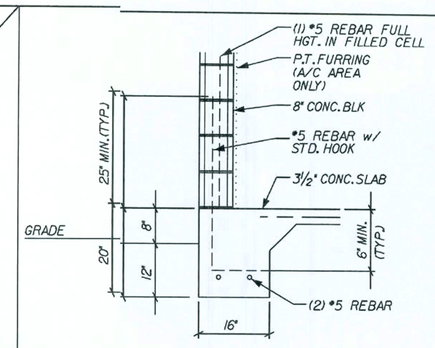
G2 GARAGE 2-STORY
REVISED 11-07-06 DELETED STONE LEDGE — NOT USED
SCALE: ½" = 1'-0"



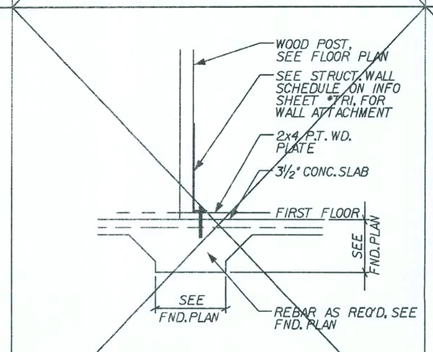
G GARAGE 1-STORY
REVISED 11-07-06 DELETED STONE LEDGE
SCALE: ½" = 1'-0"



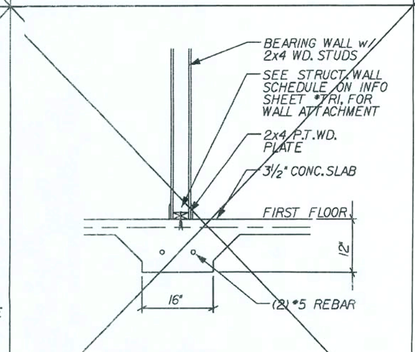
A2 TYPICAL 2-STORY
REVISED 11-07-06 DELETED STONE LEDGE — NOT USED
SCALE: ½" = 1'-0"



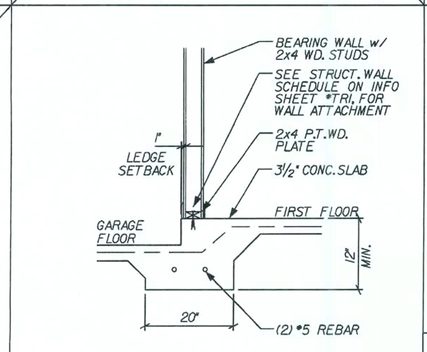
A TYPICAL 1-STORY
REVISED 11-07-06 DELETED STONE LEDGE
SCALE: ½" = 1'-0"



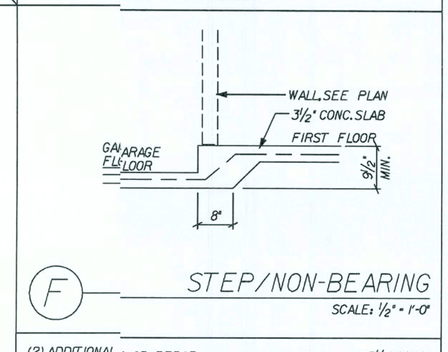
J INTERIOR BEARING POST
NOT USED
SCALE: ½" = 1'-0"



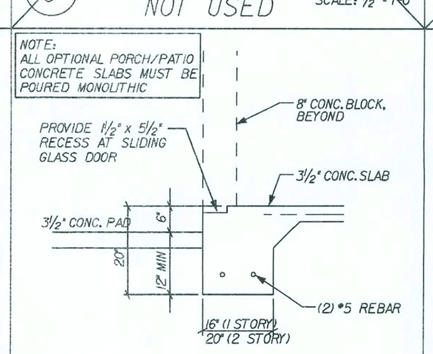
I INTERIOR BEARING
NOT USED
SCALE: ½" = 1'-0"



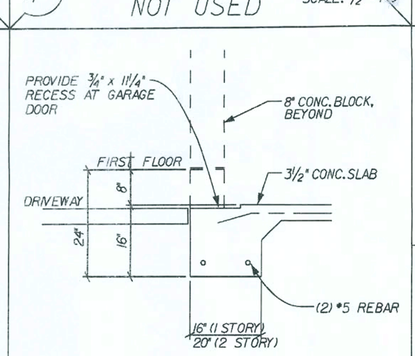
H STEP/BEARING
REVISED 01-31-05
SCALE: ½" = 1'-0"



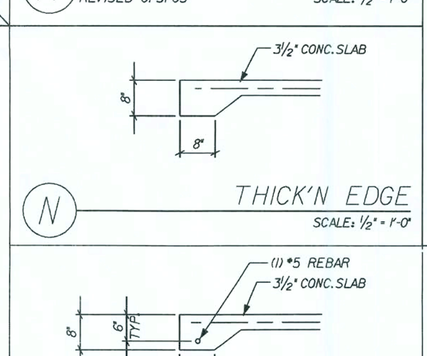
F STEP/NON-BEARING
SCALE: ½" = 1'-0"



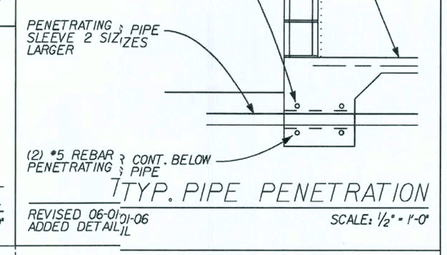
S RECESS @ SLIDER
REVISED 05-06-05
SCALE: ½" = 1'-0"



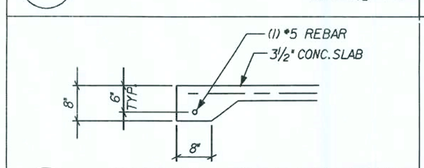
R THICK'N EDGE/GARAGE
REVISED 04-23-06
SCALE: ½" = 1'-0"



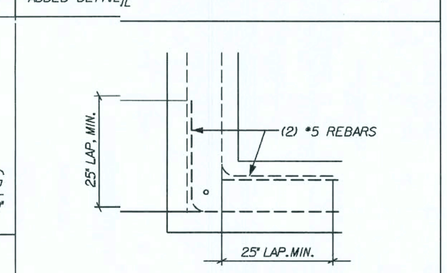
N THICK'N EDGE
SCALE: ½" = 1'-0"



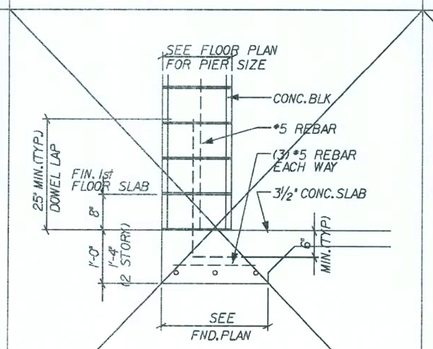
TYP. PIPE PENETRATION
REVISED 06-01-06 ADDED DETAIL
SCALE: ½" = 1'-0"



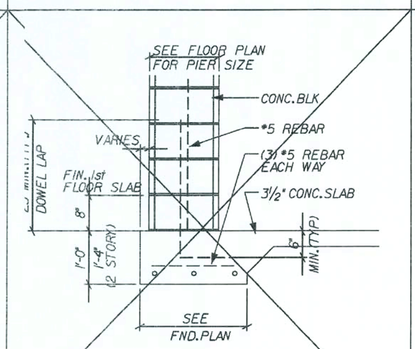
P THICK'N EDGE/BEARING
SCALE: ½" = 1'-0"



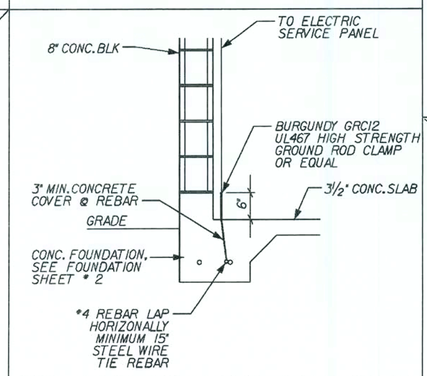
TYP. FTNG @ CORNER
SCALE: ½" = 1'-0"



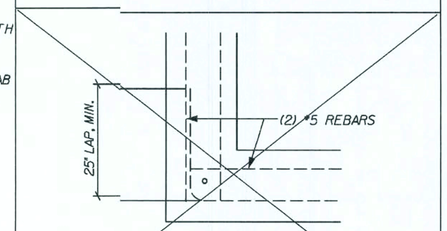
U PIER DETAIL #2
REVISED 02-20-07 16" DEEP @ 1 & 2 STORY — NOT USED
SCALE: ½" = 1'-0"



T PIER DETAIL #1
REVISED 02-20-07 16" DEEP @ 1 & 2 STORY — NOT USED
SCALE: ½" = 1'-0"



TYP. CONC. ENCASED ELECTRODE
SCALE: ½" = 1'-0"



TYP. FTNG @ OUTSIDE CORNER
SCALE: ½" = 1'-0"

REVISIONS :

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

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

p:\f\houses_05\montgomery\dtl\mont-std1ftg

FOOTINGS STANDARD DETAILS

MONTGOMERY

GARAGE:
DRAWN BY:
RELEASE DATE: 11 / 29 / 04

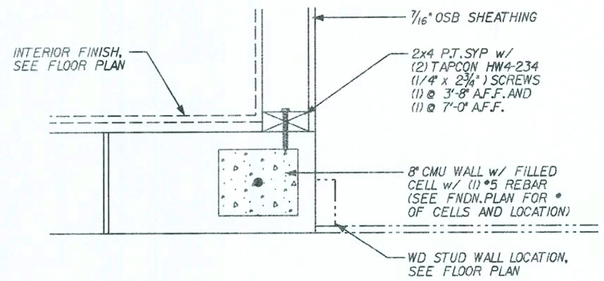
Maronda Systems
4005 Maronda Way
Sanford, FL 32771
(407)321-0064

Elmer Bergman, P.E.
License No. 50158
MAY 06 2008

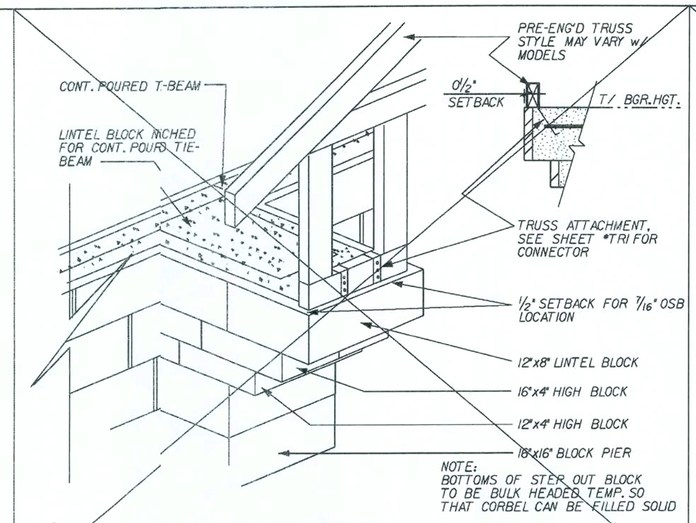
SHEET:
FTG

PLOT DATE: 16 JAN 2008 14:21:27

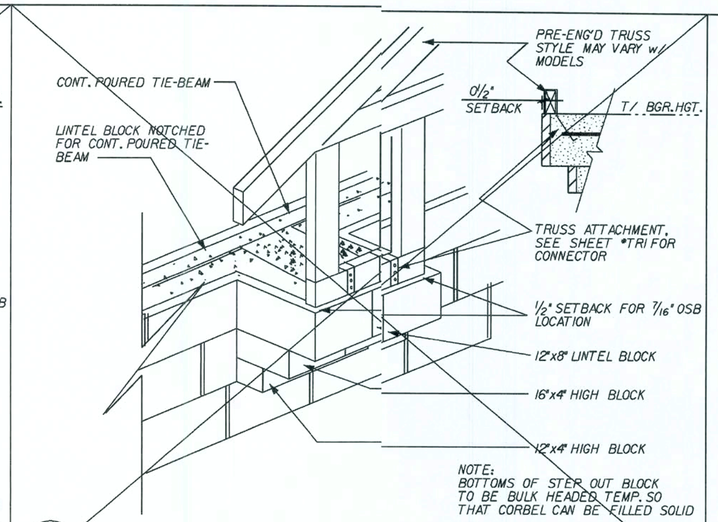
FLORIDA BUILDING CODE 2004 : RESIDENTIAL



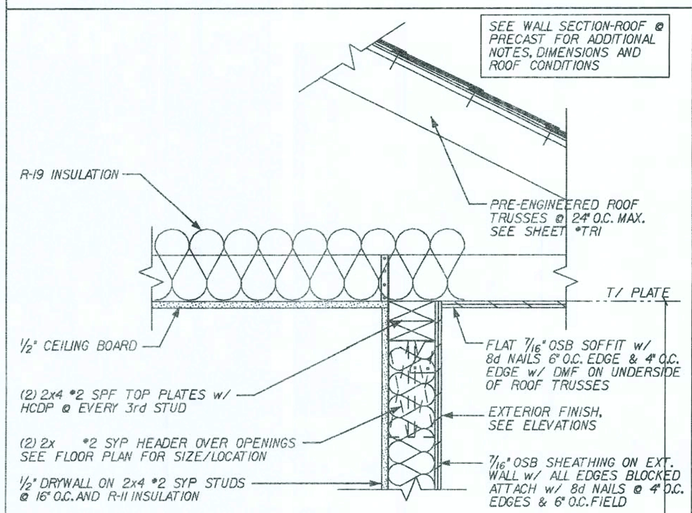
J EXTERIOR WOOD FRAME TO BLOCK
SCALE: 1 1/2" = 1'-0"



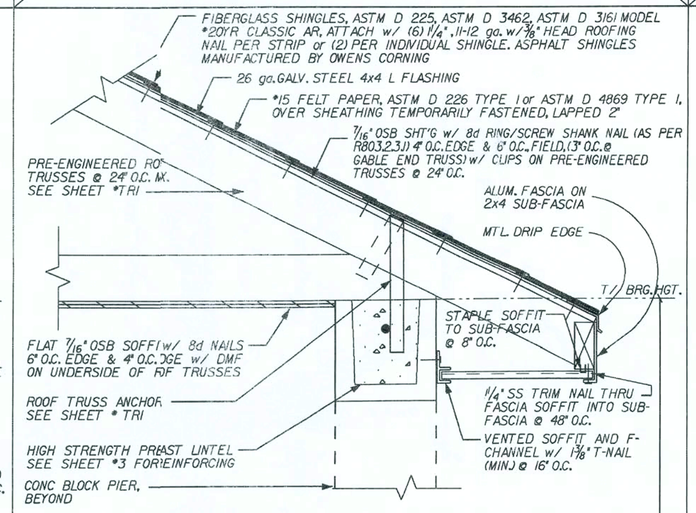
F 6" SQ.BLOCK PIER w/ BLOCK CORBEL ISO
NOT USED
SCALE: N.T.S.



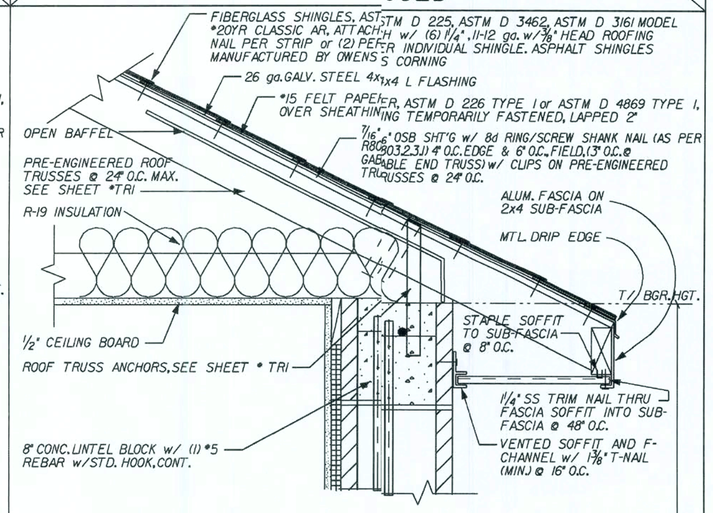
E BLOCK CORBEL ISO
NOT USED
SCALE: N.T.S.



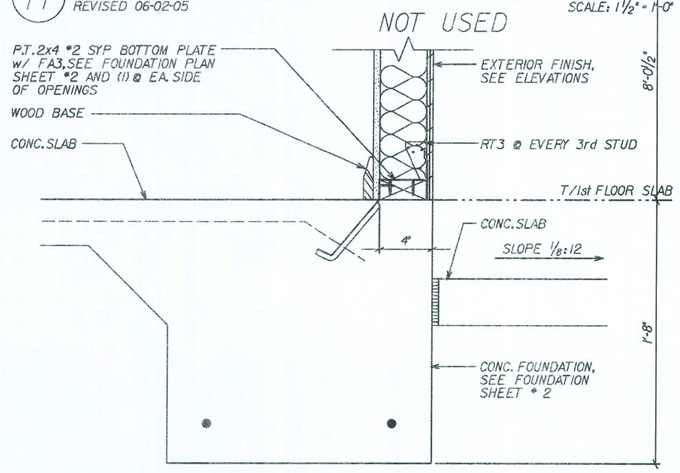
H WALL SECTION-ROOF @ WD. FRAME/ F. PORCH
REVISED 06-02-05
SCALE: 1 1/2" = 1'-0"



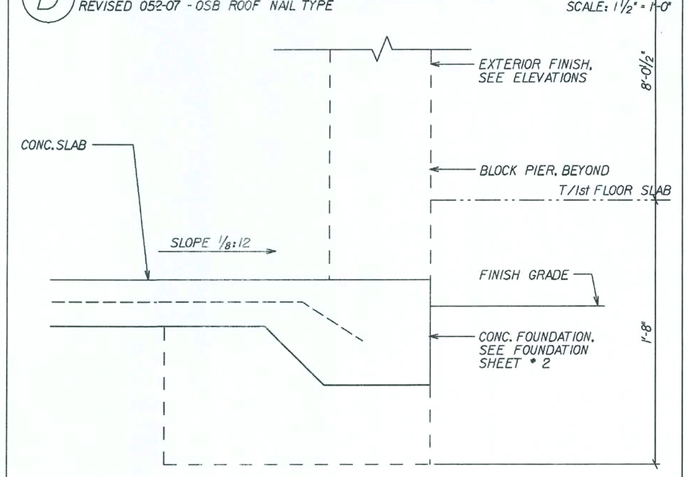
D WALL SECTION-ROOF @ PRECAST/FRONT PORCH
REVISED 052-07 - OSB ROOF NAIL TYPE
SCALE: 1 1/2" = 1'-0"



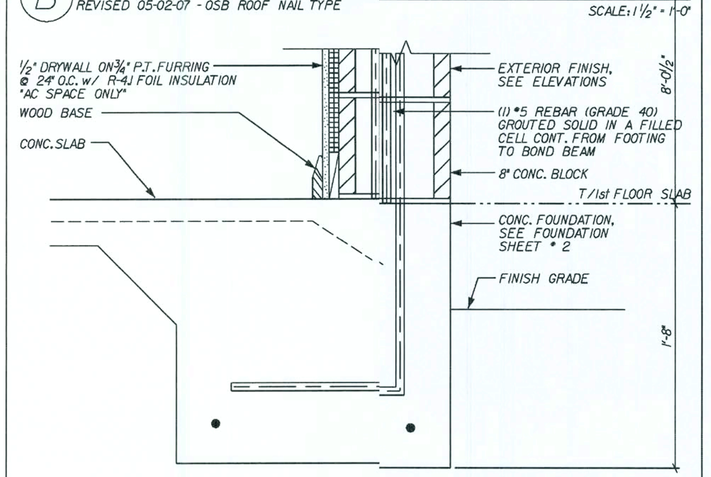
B WALL SECTION-ROOF @ BLOCK
REVISED 05-02-07 - OSB ROOF NAIL TYPE
SCALE: 1 1/2" = 1'-0"



G WALL SECTION-FOUNDATION @ WOOD FRAME
REVISED 10-25-04
SCALE: 1 1/2" = 1'-0"



C WAL SECTION-FOUNDATION @ FRONT PORCH
REVISED 04-2-05
SCALE: 1 1/2" = 1'-0"



A WALL SECTION-FOUNDATION @ BLOCK
REVISED 02-19-07 FOIL INSUL TO R-4J
SCALE: 1 1/2" = 1'-0"

REVISIONS :

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

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

ONE STORY | WALL SECTION

MONTGOMERY

GARAGE:
DRAWN BY:
RELEASE DATE: 11 / 29 / 04

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

Elmer Bergman, P.E.
License No. 50158

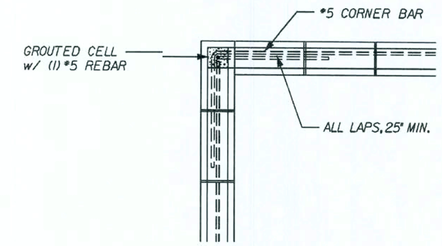
MAY 06 2008

SHEET:
WS-B1

p:\f:\houses_05\montgomery\dft\std_ws-b1.swS
14:21:28
PLOT DATE: 16 JAN 2008

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

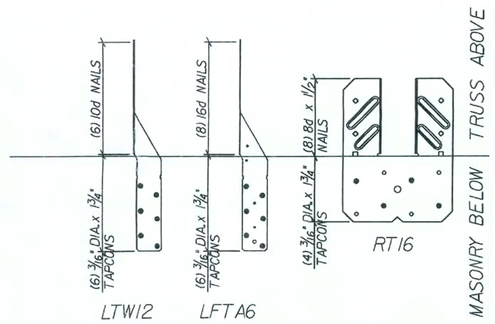
USP HARDWARE - 160%			REVISED 05-10-06
PRODUCT CODE #	MAN.	FASTENERS	UPLIFT
C44	USP	POST (6) 16d BEAM (6) 10d X 1½"	1000
FA3	USP	TOP (4) 10d X 1½" SIDE (2) 10d X 1½"	1155
HC520 CLIP	USP	PLATES (11) 8d STUD (6) 8d	445
HHCP2 CRNR CLIP	USP	TRUSS (10) 10d X 1½" PLATE (10) 10d X 1½"	800
HTA 20 ANCHOR	USP	(14) 10d X 1½"	1615
HTA 20(2) ANCHOR	USP	(13) 10d X 1½"	3230
HTW24	USP	(20) 10d	1325
HUGT2	USP	CONC. ANC.BOLT (2)3/4"-(2)¾"WASH 3¼" " EMBED. -ALL GRDR.-(8) 10d	9790
HUGT3	USP	CONC. ANC.BOLT (2)3/4"-(2)¾"WASH 3¼" 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 1½"	1250
LSTA36	USP	(22) 10d X 1½"	1640
LTW12	USP	(12) 10d	670
LTS20 STRAP ANC	USP	ANCHOR-1/2" WEDGE BOLT 3¼" EMBED. (10) 10d X 1½"STRAP	1890
LBP12 BEARING PLT	USP	½" 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
MPAI & MPAIF	USP	HEADER/STUD (6) 8d JOIST/PLATE (6) 8d	660
MSTAI2	USP	(10) 10d	1015
MSTAI8	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)¾" ANCHOR BOLT 3¼" EMBEDDED	4635
MUGT15	USP	(22) 10d (1)⅝" ANCHOR BOLT 3¾" EMBEDDED	4165
NP37 3⅛X 7	USP	HEADER (6) 16d TOP OF BOT. SEC.(6) 10d X 1½"	
PA 28	USP	(15) 16d	3360
RT-16	USP	TOP PLATES (8) 8d TRUSS (8) 8d X 1½"	1030
RT-16A	USP	TRUSS (9) 10d x 1½" PLATE (8) 10d	1380
RT16-2	USP	TOP PLATES (8) 8d TRUSS (8) 8d X 1½"	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 L\R	USP	HEADER (6) 16d JACK (6) 10d X 1½"	1085
SKHH26 L/R	USP	HEADER (18) 16d JACK (12) 10d X 1½"	2190
SUH 26	USP	HEADER (6) 10d JACK (4) 10d X 1½"	725
SUH 28	USP	HEADER (8) 10d JACK (6) 10d X 1½"	800
TA12 TA12/METAL	USP	(5) #10 SCREWS (9) #10 SCREWS	825 910
TA 14	USP	(7) 10d x 1½"	920
TA 18	USP	(8) 10d x 1½"	1205
(2)TA 18	USP	(8) 10d x 1½" 1-PLY (8) 10d x 1½" 2-PLY	2410 2410
TA 24	USP	(8) 10d x 1½"	1205
(2)TA 24	USP	(8) 10d x 1½" 1-PLY (8) 10d x 1½" 2-PLY	2410 2410
THD26	USP	HEADER (18) 16d TRUSS (12) 10d X 1½"	2170
THD28	USP	HEADER (28) 16d TRUSS (16) 10d X 1½"	2330
THD28-2	USP	HEADER (28) 16d TRUSS (16) 10d X 1½"	2485
THDH28-3	USP	HEADER (36) 16d TRUSS (16) 10d X 1½"	2665
THD48	USP	HEADER (28) 16d TRUSS (16) 10d X 1½"	2485
THJ 26 2	CLEVELAND	HIP(7)10d-HEADER(16)16d JACK (5) 10d x1½"	1010
USC63	USP	TRUSS (8) 10d (4)¾" EXP. BOLTS #6170 2¾" EMBEDDED	1150
USC3F	USP	TRUSS (8) 10d (4)¾" EXP. BOLTS #6170 2¾" EMBEDDED	1150
USC73	USP	TRUSS (8) 16d (4)¾" EXP. BOLTS #6170 2¾" EMBEDDED	1150
UGTS63	USP	TRUSS (8) 16d (2)¾" ANC. BOLTS 2¾"" EMBEDDED	6170



TYPICAL BOND BEAM @ CORNER

REVISED 04-22-05 SCALE: ½" = 1'-0"

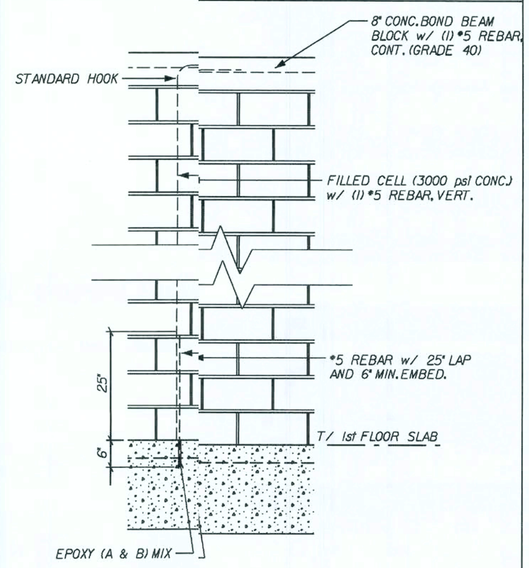
CONNECTOR	MAX. UPLIFT
LTW12	775 LBS
LFTA6	990 LBS
RT16	700 LBS



FOR MISSED FLOOR ANCHORS, CONSULT ENGINEER STAFF

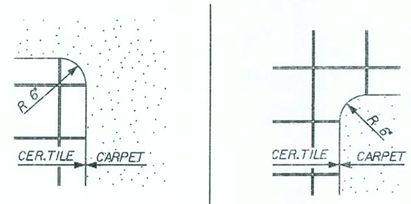
ANCHOR FASTENING SCHEDULE
MISSED ROOF TIE DOWN REPAIR

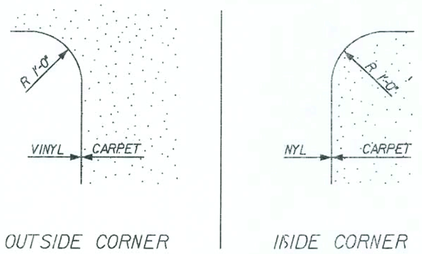
SCALE: N.T.S.



MISSED DOWN ROD REPAIR

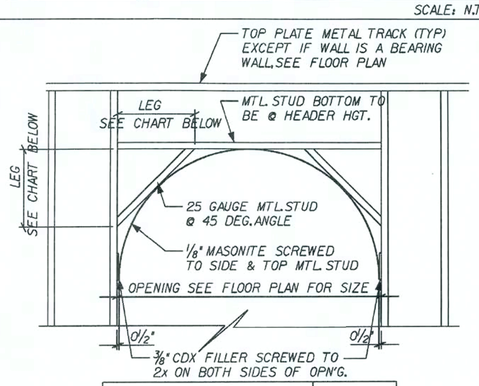
SCALE: ½" = 1'-0"





FLOOR EDGE CORNER DETAIL

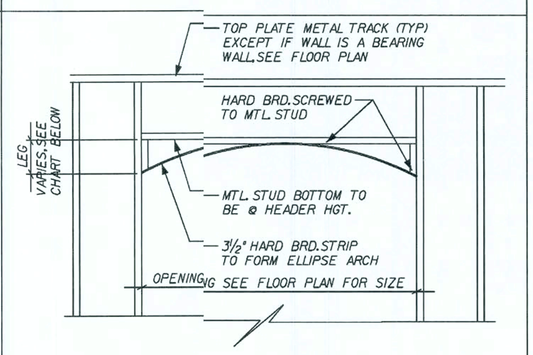
SCALE: ½" = 1'-0"



OPENING	LEGS
2'-1" - 2'-0" ARCH OPENING	7½"
2'-7" - 2'-6" ARCH OPENING	8⅞"
2'-9" - 2'-8" ARCH OPENING	9⁷⁄₁₆"
3'-1" - 3'-0" ARCH OPENING	10⅝"
4'-1" - 4'-0" ARCH OPENING	15"
-	-

INTERIOR CURVED ARCH

SCALE: ½" = 1'-0"



OPENING	LEGS
2'-0" - 3'-1"	4"
3'-2" - 4'-0"	5½"
4'-1" - 5'-0"	6½"
5'-1" - 7'-0"	8"
7'-1" - 9'-0"	9½"
9'-1" - 12'-0"	12"

INTERIOR ELLIPSE ARCH

SCALE: ½" = 1'-0"

REVISIONS :

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

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

AMERICANA STANDARD DETAILS
MONTGOMERY

GARAGE:
DRAWN BY:
RELEASE DATE: 11/29/04

p:\houses_05\montgomery\dft\std_details.sdl
14:21:29
PLOT DATE: 16 JAN 2008

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

Elmer Bergman, P.E.
License No. 50158
MAY 06 2008

SHEET:
SD1

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

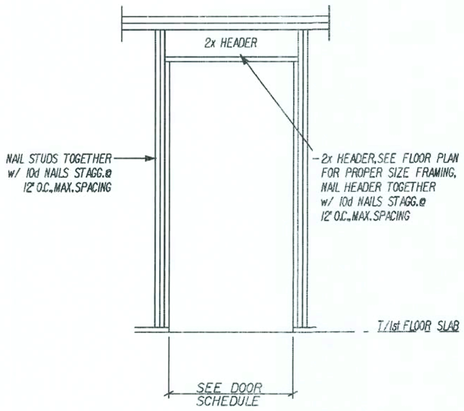
REVISED 02-15-07
83¾" -> 82⅞"

DOOR SCHEDULE

DOOR TYPE	ACTUAL SIZE	ROUGH FRAME OPENING	ROUGH BLOCK OPENING 2" BUCK
2-0 STANDARD I.S.	25½" x 80⅝"	26" x 80⅞"	29" x 82⅜"
2-8 STANDARD I.S.	33½" x 80⅝"	34" x 80⅞"	37" x 82⅜"
2-10 STANDARD I.S.	35½" x 80⅝"	36" x 80⅞"	39" x 82⅜"
3-0 STANDARD I.S.	37½" x 82"	38" x 82¼"	41" x 82⅜"
3-0 w/SIDELIGHT I.S.	51⅛" x 82"	51⅝" x 82¼"	54⅝" x 82⅜"
3-0 w/(2) SIDELIGHT I.S.	64½" x 82"	65" x 82¼"	68" x 82⅜"
5-8 (2)2-10 FRENCH I.S.	70½" x 80⅝"	71" x 80⅞"	74" x 82⅜"

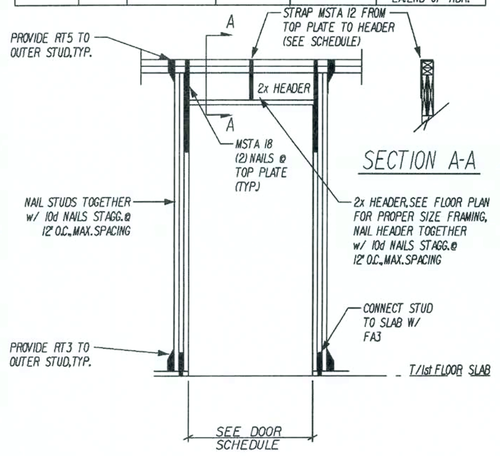
** FINISH OPENING IS DETERMINED BY ACTUAL SIZE ¼" FOR HEIGHT
** FINISH OPENING IS DETERMINED BY ACTUAL SIZE ½" FOR WIDTH
** O.S.= OUTSWING
** I.S.= INSWING

MAX. OPNG SIZE	JACKS @ EA.END	HEADER SIZE	STUDS @ EA.END 8'-0" MAX.HGT.	STUD @ EA.END 10'-0" MAHGT.	
2'-3"	(1)	2x HEADER, SEE FLOOR PLAN FOR PROPER SIZE FRAMING	1		
3'-3"	(1)		2		
6'-3"	(1)		2		

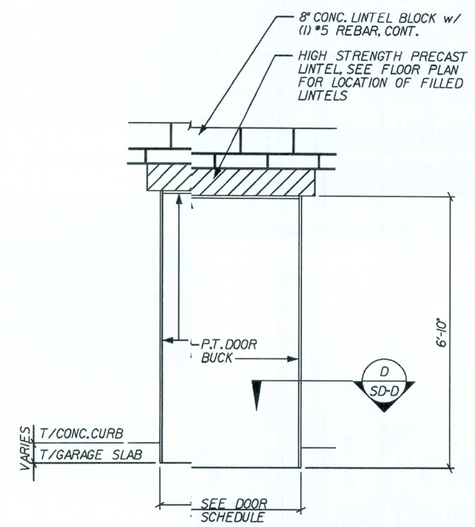


K STD.DOOR - WD FRAME, NO-UPLIFT
SCALE: N.T.S.

MAX. OPNG SIZE	JACKS @ EA.END	HEADER SIZE	STUDS @ EA.END 8'-0" MAX.HGT.	STUDS @ EA.END 10'-0" 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.

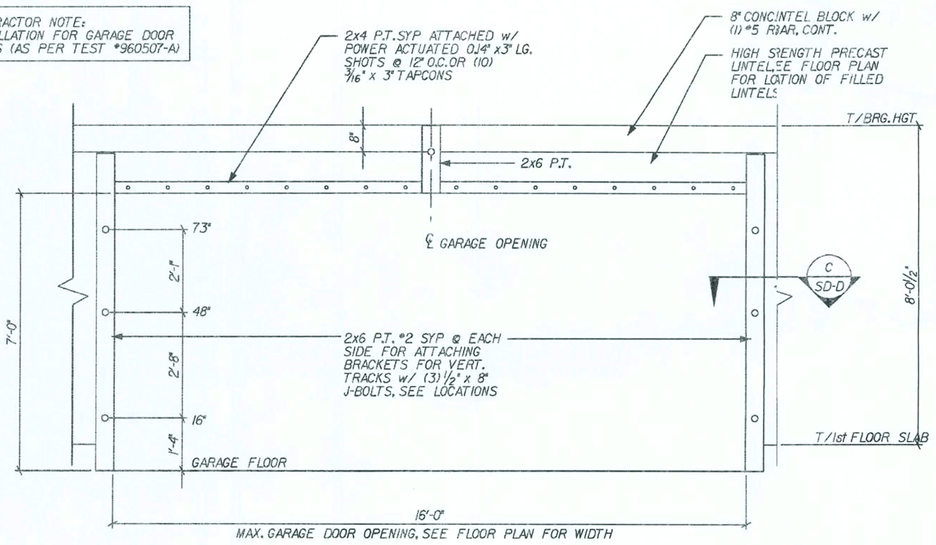


J STD.DOOR - WD FRAME, UPLIFT
SCALE: N.T.S.

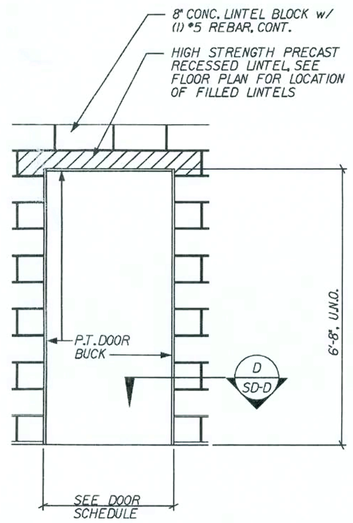


H OPTIONAL SERVICE DOOR
REVISED 08-12-04
SCALE: ⅜" = 1'-0"

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

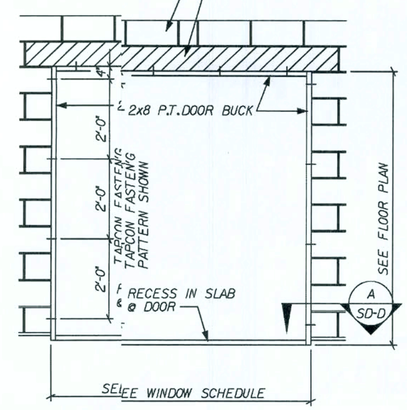


G GARAGE DOOR ELEVATION
SCALE: ⅜" = 1'-0"

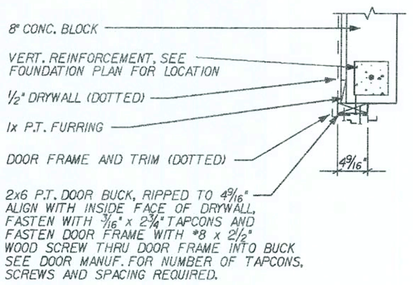


F STANDARD DOOR ELEVATION
SCALE: ⅜" = 1'-0"

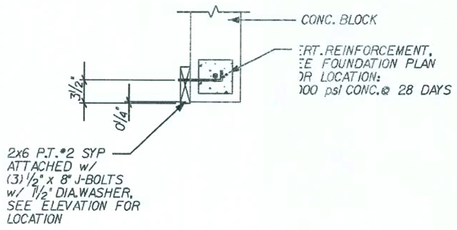
CONTRACTOR NOTE:
FOR INSTALLATION SIZES OF NORANDEX SLIDING DOOR SERIES 500 UP TO 8'-0" x 6'-8" AS PER #96-0131J0 & SERIES 502 UP TO 8'-0" x 8'-0" MAX. (AS PER TEST #96-0608.20)



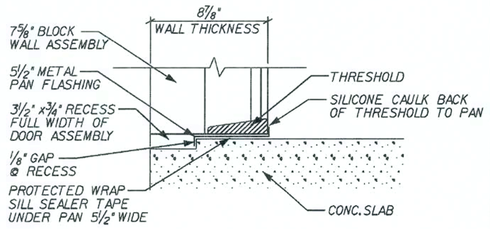
E SLIDING GLASS DOOR ELEVATION
SCALE: ⅜" = 1'-0"



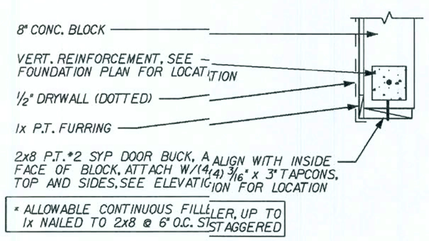
D 2x DOOR BUCK DETAIL
SCALE: ¾" = 1'-0"



C GARAGE DOOR BUCK DETAIL
SCALE: ¾" = 1'-0"



B DOOR PAN FLASHING
REVISED 06-08-06
NEW DETAIL
SCALE: ¾" = 1'-0"



A SLIDING GLASS DOOR BUCK DETAIL
REVISED 10-21-04
SCALE: ¾" = 1'-0"

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

REVISIONS :
06-29-06 ADDED DOOR PAN DETAIL

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

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

DOORS | STANDARD DETAILS
MONTGOMERY
GARAGE:
DRAWN BY:
RELEASE DATE: 11/29/204

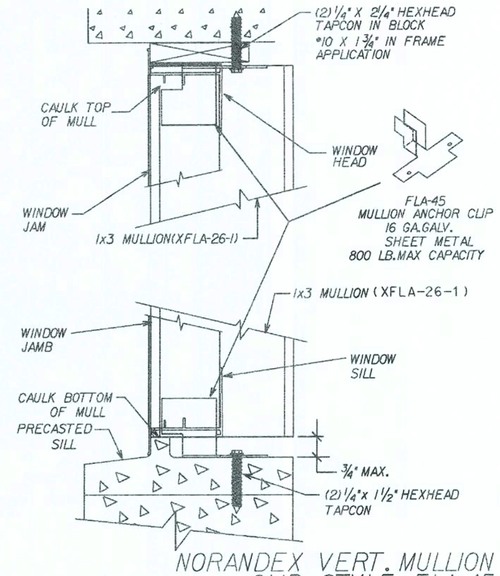
Maronda Systems
4005 Maronda Way
Sanford, FL 32771
(407)321-0064

Elmer Bergman, P.E.
License No. 50158

MAY 06 2008

SHEET:
SD-D

PLOT DATE: 16 JAN 2008 14:21:30 p:\f\houses_05\montgomery\dft\std_doors.sdd

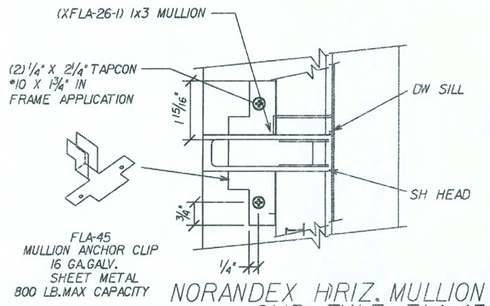


NORANDEX VERT. MULLION CLIP STYLE FLA-45

SCALE: 3/4" = 1'-0"

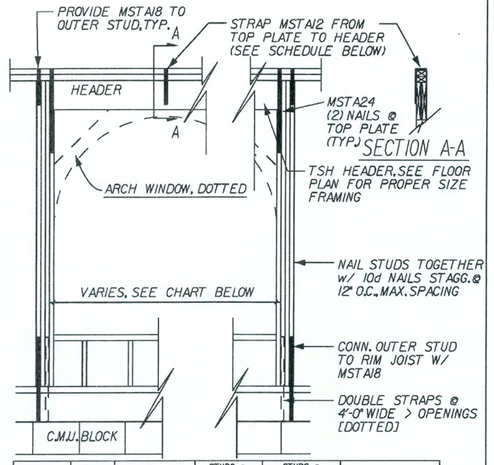
CONTRACTOR NOTE:
FOR INSTALLATION SIZES OF NORANDEX WINDOW SERIES 437/438 UP TO 53 1/8" x 71 3/8" AS PER TEST #96-0624.2(

STANDARD WINDOW DETAILS IN BLOCK WALLS UP TO 10 FEET HIGH



NORANDEX HRIZ. MULLION CLIP STYLE FLA-45

SCALE: 3/4" = 1'-0"

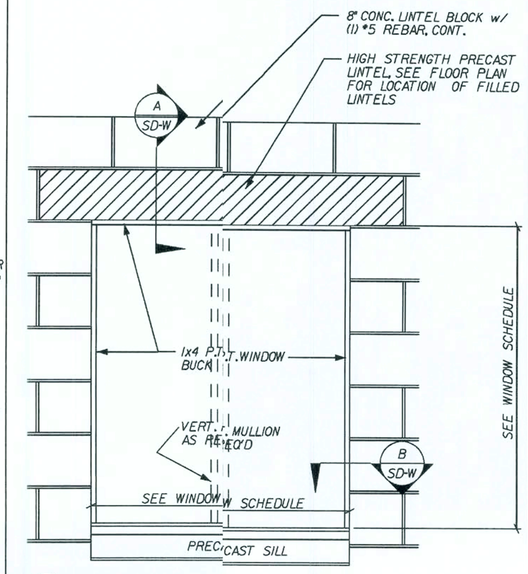


MAX. OPN'G SIZE	JACKS @ EA.END	HEADER SIZE	STUDS @ EA.END 8'-0" MAX.HGT.	STUDS @ EA.END 10'-0" MAX.HGT.	MSTA 12
2'-3"	(1)	2x HEADER, SEE FLOOR PLAN FOR PROPER SIZE FRAMING	1	2	N/A
3'-3"	(1)		1	2	(1) @ CEN.OF HDR.
6'-3"	(2)		2	3	(1) @ 2'-0" OFF EA.END OF HDR.

K TYP.HEADER DETAIL-2ND FLOOR FRAMING

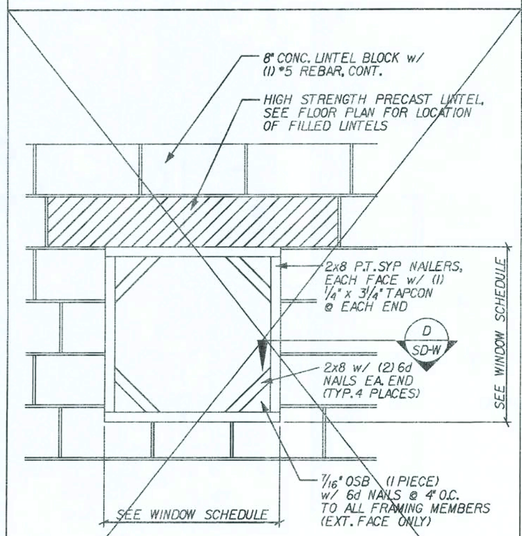
REVISED 06-06-07 : PER WALL PANELS

SCALE: N.T.S.



J WINDOW-STANDARD-BLK

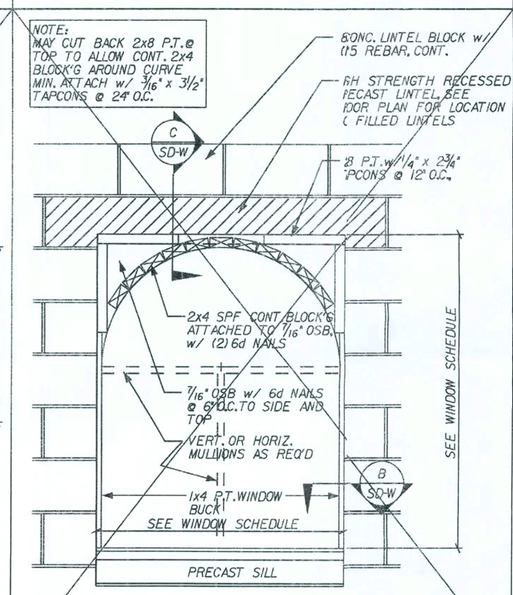
SCALE: 3/4" = 1'-0"



H WINDOW-OCTAGON-BLK

NOT USED

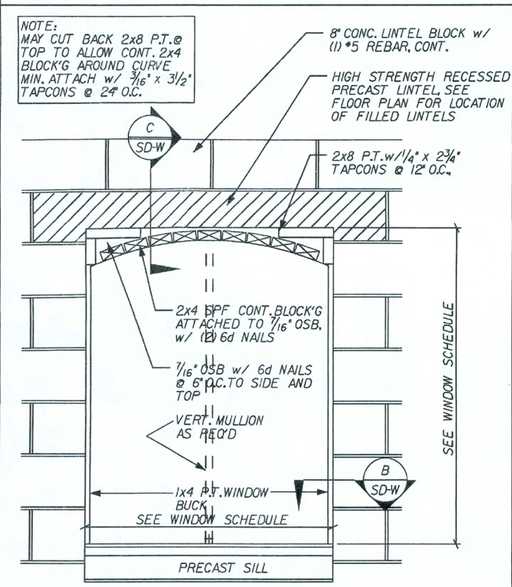
SCALE: 3/4" = 1'-0"



G WINDOW-1/2 ROND TOP-BLK

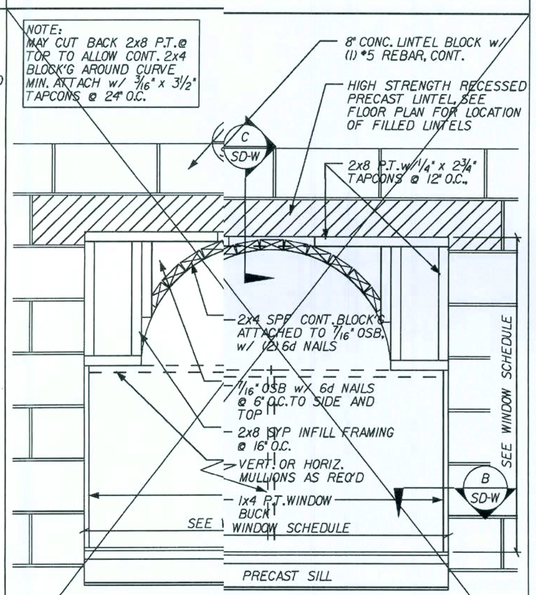
NOT USED

SCALE: 3/4" = 1'-0"



F WINDOW-EYEBROW-BLK

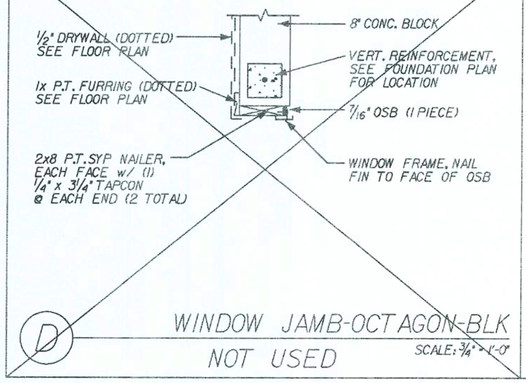
SCALE: 3/4" = 1'-0"



E WINDOW-COMBINATION-BLK

NOT USED

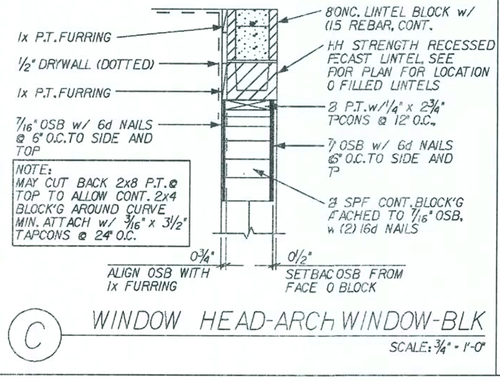
SCALE: 3/4" = 1'-0"



D WINDOW JAMB-OCTAGON-BLK

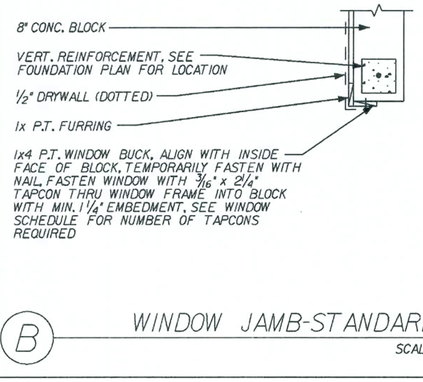
NOT USED

SCALE: 3/4" = 1'-0"



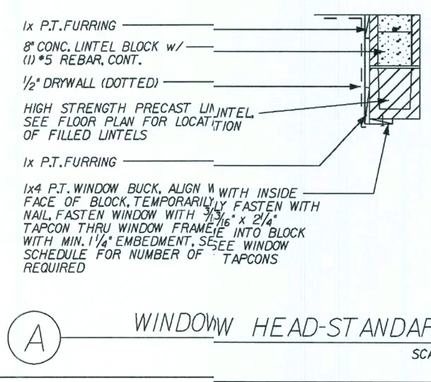
C WINDOW HEAD-ARCH WINDOW-BLK

SCALE: 3/4" = 1'-0"



B WINDOW JAMB-STANDARD-BLK

SCALE: 3/4" = 1'-0"



A WINDOW HEAD-STANDARD-BLK

SCALE: 3/4" = 1'-0"

REVISIONS :

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Maronda Homes

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

FLORIDA STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 : RESIDENTIAL AND2005, 2006 SUPPLEMENT

WINDOWS STANDARD DETAILS

MONTGOMERY

DRAWN BY:

GARAGE:

RELEASE DATE: 11/29/04

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

Elmer Bergman, P.E.
License No. 50158

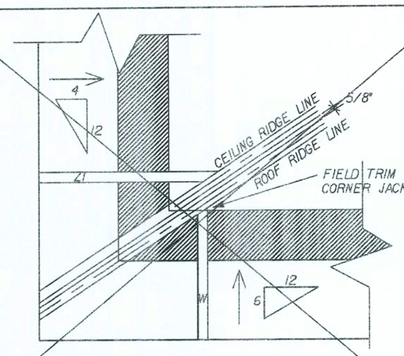
MAY 06 2008

SHEET:

SD-W

PLOT DATE: 16 JAN 2008 14:21:31 P:\Houses_05\montgomery\dft\std_windows.sdw

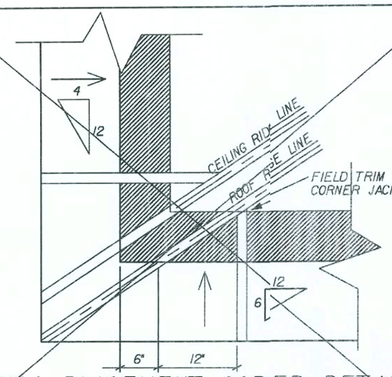
FLORIDA BUILDING CODE 2004 : RESIDENTIAL



TRUSS PLACEMENT CORNER DETAIL B

NOT USED

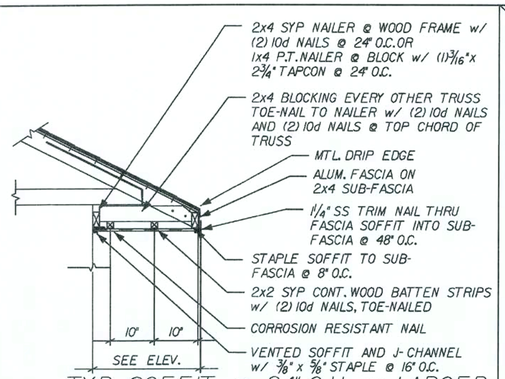
SCALE: N.T.S.



TRUSS PLACEMENT CORIER DETAIL A

NOT USED

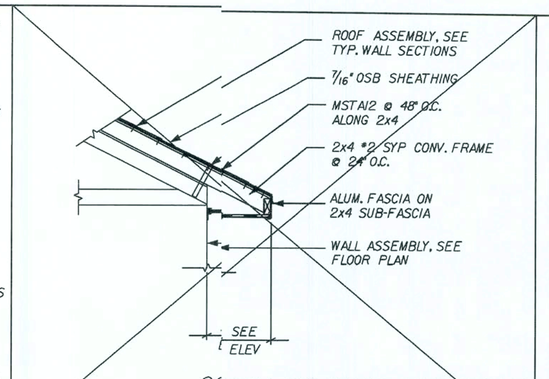
SCALE: N.T.S.



TYP. SOFFIT @ 24" O.H. or LARGER

REVISED 01-11-05

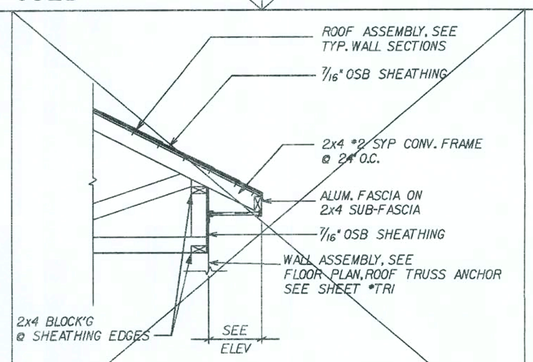
SCALE: 1/2" = 1'-0"



CONV. FRAMED HIP ROOF

NOT USED

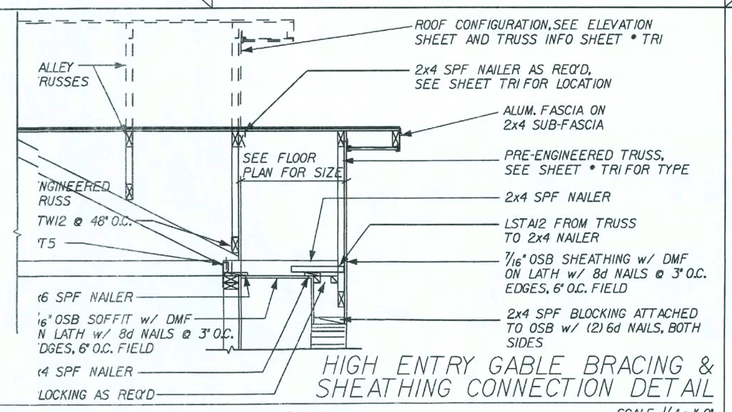
SCALE: 1/2" = 1'-0"



DETAIL @ RAISED HEEL

NOT USED

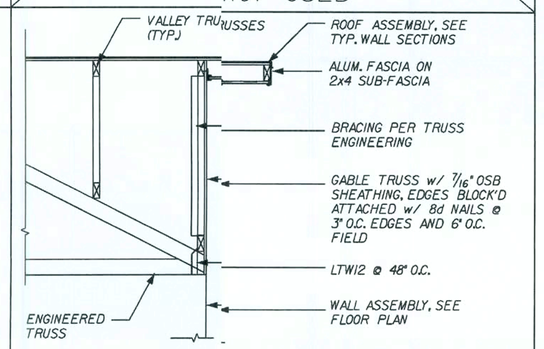
SCALE: 1/2" = 1'-0"



HIGH ENTRY GABLE BRACING & SHEATHING CONNECTION DETAIL

NOTE: GAE BRACED BY ROOF AND/OR CEILING DIAPHRAGM STRONGBK AND CONNECTIONS, NO X-BRACING NEEDED.

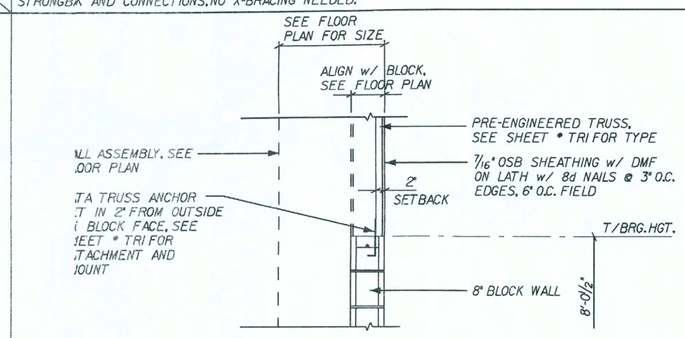
SCALE: 1/2" = 1'-0"



FALSE GABLE BRACING & SHEATHING CONNECTION DETAIL

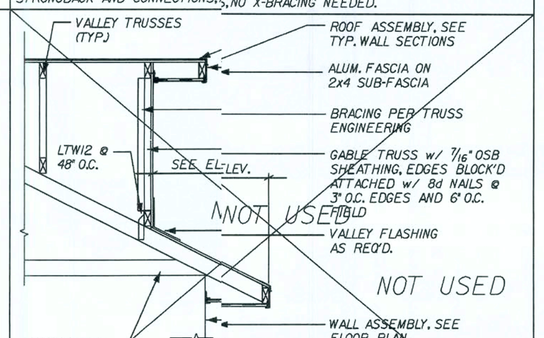
NOTE: GABLE BRACED BY ROOF AND/OR CEILING DIAPHRAGM STRONGBACK AND CONNECTIONS, NO X-BRACING NEEDED.

SCALE: 1/2" = 1'-0"



TRUSS / BLOCK CONNECTION DETAIL

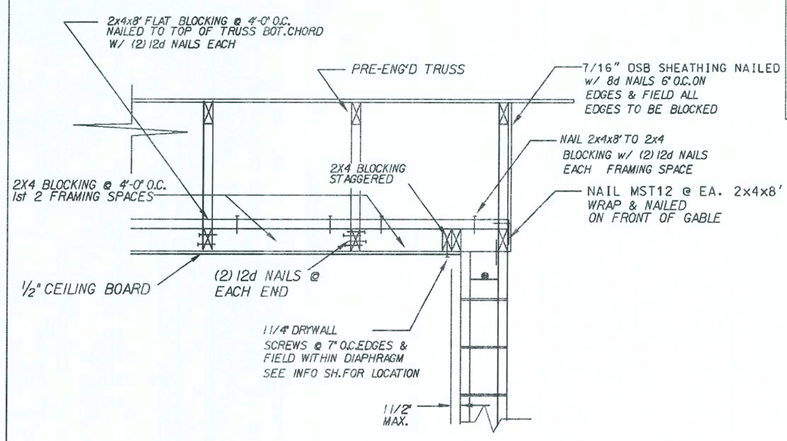
SCALE: 1/2" = 1'-0"



REVERSE GABLE BRACING & SHEATHING CONNECTION DETAIL

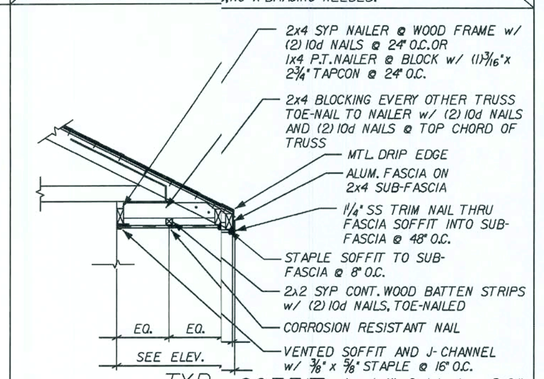
NOTE: GABLE BRACED BY ROOF AND/OR CEILING DIAPHRAGM STRONGBACK AND CONNECTIONS, NO X-BRACING NEEDED.

SCALE: 1/2" = 1'-0"



GYPSUM CEILING DIAPHRAGM TO ENDWALL CONNECTION

SCALE: 3/4" = 1'-0"



TYP. SOFFIT > 14" O.H. to 20"

REVISED 12-20-06

SCALE: 1/2" = 1'-0"

REVISIONS :

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Maronda Homes

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

FLORIDA:
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STANDARD DETAILS

ROOF

MONTGOMERY

GARAGE:

DRAWN BY:

RELEASE DATE: 11/29 /04

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Elmer Bergman, P.E.
License No. 50158

MAY 06 2008

SHEET:

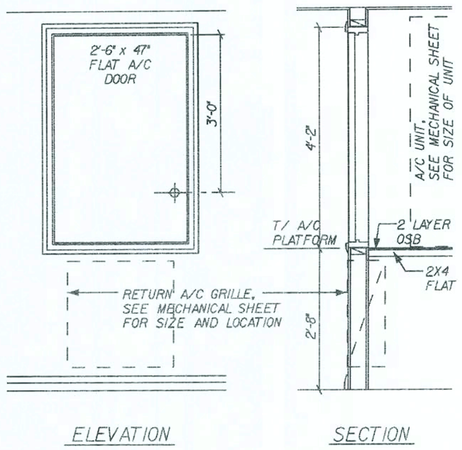
SD-R

p:\r\houses_05\montgomery\dtl\std_roof.sdr

14:21:32

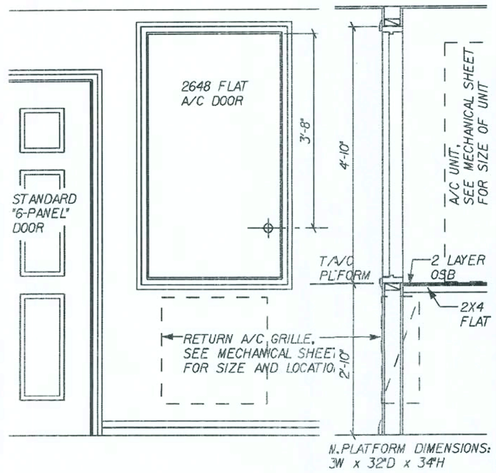
PLOT DATE: 16 JAN 2008

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



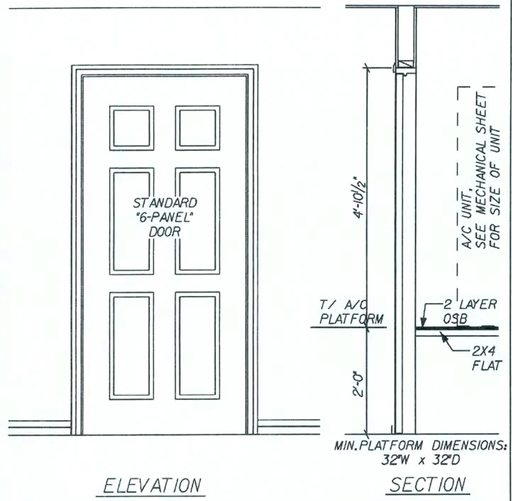
7'-0" CEIL. ENCLOSED A/C PLATFORM

SCALE: 1/2" = 1'-0"



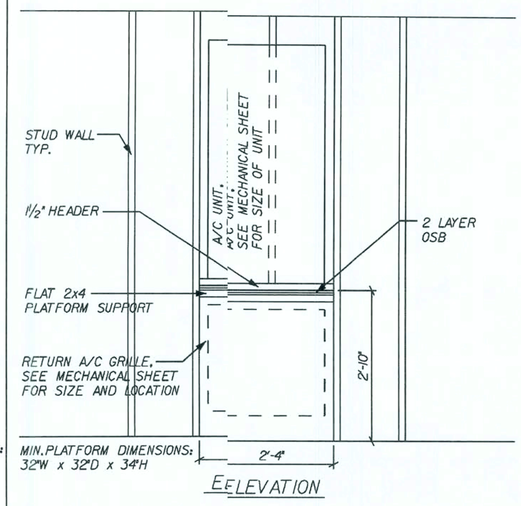
ENCLOSED A/C PLATFORM

SCALE: 1/2" = 1'-0"



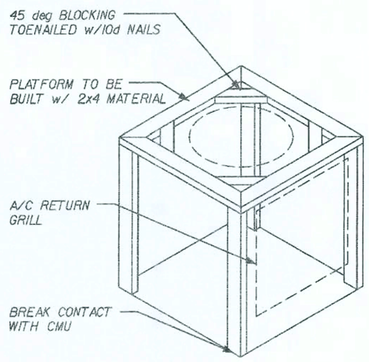
FULL DOOR ENCLOSED A/C PLATFORM

SCALE: 1/2" = 1'-0"



OPEN A/C PLATFORM

SCALE: 1/2" = 1'-0"



A/C PLATFORM FRAMING

REVISED 01-24-05

SCALE: 1/2" = 1'-0"

REVISIONS :

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Maronda Homes

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

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

PLATFORM | STANDARD DETAILS

MONTGOMERY

AIR-HEAT DETAILS

DRAWN BY:

GARAGE:

RELEASE DATE: 1/ ∞ /∞

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

Elmer Bergman, P.E.
License No. 50158

MAY 06 2008

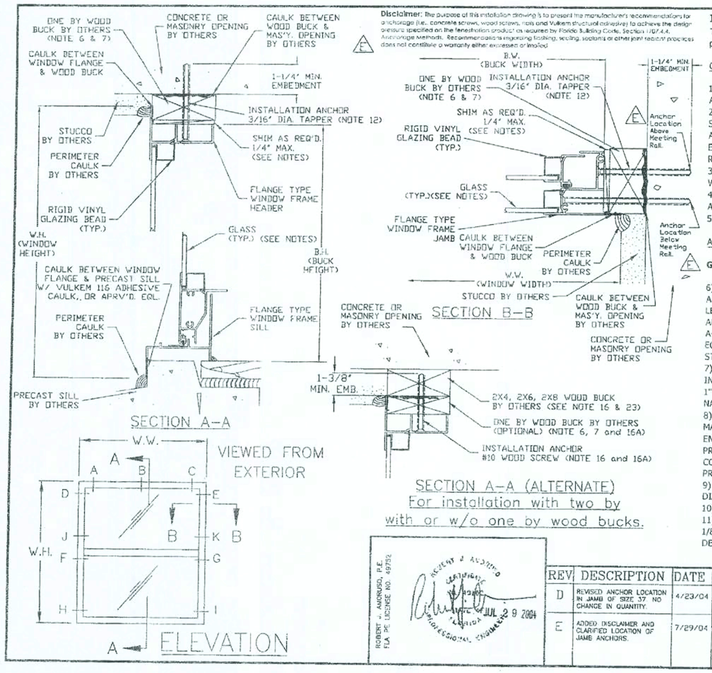
SHEET:

SD-H

p:\f:\houses_05\montgomery\dth\std_heating.sdh

PLOT DATE: 16 JAN 2008 14:21:33

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



Disclaimer: The purpose of this installation drawing is to present the manufacturer's recommendations for anchorage (i.e., concrete screws, wood screws, nails and Vulkem structural adhesive) to achieve the design pressure specified on the fenestration product as required by Florida Building Code, Section 1707.4.4, Anchorage Methods. Recommendations regarding flashing, sealing, sealants or other joint sealant practices does not constitute a warranty either expressed or implied.

IMPORTANT INFOMATION & GENERAL NOTES

These notes are provide ensure proper installation of Florida Extruders Milestone products and must be fuved fully.

GENERAL INSTALLATIONSTRUCTIONS

1) SHIM AS REQ'D. AT EH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STACO BE 1/4".
2) USE SILICONIZED ACLIC CAULK BEHIND WINDOW FLANGE AT HEAD & JAMBS. SILL MUST BE ATTACHEO THE SUBSTRATE WITH VULKEM 116 ADHESIVE CAULK OR APPROVED EQUAL. APPATION OF VULKEM 116 ADHESIVE CAULK OR APPROVED EQUAL AT FRAME SILL 6T COMPLY WITH SEALANT MANUFACTURER'S RECOMMENDATIONS.
3) USE SILICONIZEO ACLIC CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FLANGE AND SEAL HEADS OF INSTALLATION FASTENERS.
4) FLORIDA EXTRUDER3000 SERIES SINGLE HUNG IS SHOWN. THIS PRINT ALSO APPLIES TO THE FLORIEXTRUDERS 1500 AND 2000 SERIES SINGLE HUNGS.
5) WINDOW FRAME MATIAL: ALUMINUM ALLOY 6063.

ANCHOR INSTALLATIONSTRUCTIONS

GENERAL:

6) NAIL ATTACHMENT OON-STRUCTURAL ONE BY BUCK IS 4" FROM EACH CORNER AND 8" ON CENTER. US HARDENED "T-NAIL" WITH A 0.097" DIAMETEND 1 3/8" LENGTH (5/8" EMBEDMENT), A HARDENED "MASONRY NAIL" WITH A 0.148" DIAMETER AND 1 1/2" LENGTH (3/4MBEDMENT) OR EQUIVALENT. FOR ALTERNATE SECTION A-A/B-B, USE A 0.113" DIETER COMMON WIRE NAIL WITH A 3/4" EMBEDMENT OR EQUIVALENT FOR NAIL.IINON-STRUCTURAL ONE BY BUCK INTO A TWO BY STRUCTURAL BUCK.
7) APPLIES TO ALL NON-RUCTURAL BUCKS LESS THAN 1 1/2" THICKNESS. NOT INTENDED TO LIMIT TO MINAL ONE BY WOOD BUCK ONLY. BUCKS GREATER THAN 1" NOMINAL (3/4" THICKNESS LESS THAN 2" NOMINAL (1 1/2" THICK) WILL REQUIRE NAIL LENGTH SUFFICIENO MEET EMBEDMENT REQUIREMENTS OF NOTE 6.
8) ALL INSTALLATION ANORS MUST BE MADE OF CORROSION RESISTANT MATERIALS OR HAVE A CROSION RESISTANT COATING APPLIED SUITABLE FOR THE ENVIRONMENT AND/OR IMTING MATERIAL. WHERE ANCHORS ARE USED IN PRESSURE-PRESERVATIVREATED WOOD, THE WOOD SUPPLIER SHALL BE CONSULTED FOR RECOMMDATION OF ANCHORS COMPATIBLE WITH THE PRESSURE-PRESERVATIVREATMENT PACCESS USED.
9) ALL FIELD SUPPLIED HES IN THE FRAME (IF REQUIRED) WILL BE 3/16" IN DIAMETER.
10) WOOD SCREWS SHAMEET ANSI B18.6.1 DIMENSIONAL REQUIREMENTS.
11) IF WOOD TENDS TOLIT, PRE-BORE HOLES AS FOLLOWS: #8 WOOD SCREW - 1/8" DIA. PILOT HOLE (NATIONAL DESIGN SPECIFICATION R WOOD CONSTRUCTION).

[SEE SHEET 2 FOR CONTINUATION OF NOTES]

ROBERT J. ALVIANO, P.E. FLA PE LICENSE NO. 49752

REV	DESCRIPTION	DATE	INI
D	REVISED ANCHOR LOCATION IN JAMB OF SIZE 37 NO CHANGE IN QUANTITY.	4/23/04	RJA
E	ADDED DISCLAIMER AND CLARIFIED LOCATION OF JAMB ANCHORS.	7/29/04	RJA

FLORIA EXTRUDERS INTERNATIONAL, INC. 2540 JEWETT LANE SANFORD, FLORIDA
CERTIFICATE OF AORIZATION NO. 9235
TITLE: INSTAATION DETAIL
SGL. HUNG ANGE WINDOWS - SERIES 1000, 1500 & 2000
DRAWN BY: B | APPROVED BY: RJA
DATE: 7/29/04 | SCALE: NTS | DWG.: FLEX0016, SHT 1 OF 2

TAPPER LOCATION CHART					
CALL SIZE	BUCK SIZE	LOCATIONS IN HEAD		LOCATIONS IN JAMB	
		30PSF TO 40PSF	41PSF TO 70PSF	30PSF TO 40PSF	41PSF TO 70PSF
12	18 1/8 x 25	B	B	F,G	F,G
13	18 1/8 x 27 3/8	B	B	F,G	F,G
14	18 1/8 X 49 5/8	B	B	F,G	F,G
145	18 1/8 X 55 1/4	B	B	F,G	F,G
15	18 1/8 X 62	B	B	F,G	F,G
16	18 1/8 X 71	B	B	F,G	F,G,H,I
17	18 1/8 X 83	B	B	F,G	F,G,J,K
1H2	25 1/2 X 25	B	B	F,G	F,G
1H3	25 1/2 X 37 3/8	B	B	F,G	F,G
1H4	25 1/2 X 49 5/8	B	B	F,G	F,G,H,I
1H45	25 1/2 X 55 1/4	B	B	F,G	F,G,H,I
1H5	25 1/2 X 62	B	B	F,G	F,G,H,I
1H6	25 1/2 X 71	B	B	F,G	F,G,H,I
1H7	25 1/2 X 83	B	B	F,G,J,K	F,G,J,K
30 1/2 X 26	29 1/2 X 25	B	B	F,G	F,G
30 1/2 X 38 3/8	29 1/2 X 37 3/8	B	B	F,G	F,G
30 1/2 X 50 5/8	29 1/2 X 49 5/8	B	B	F,G	F,G,H,I
30 1/2 X 56 1/4	29 1/2 X 55 1/4	B	B	F,G	F,G,H,I
30 1/2 X 63	29 1/2 X 62	B	B	F,G	F,G,H,I
30 1/2 X 72	29 1/2 X 71	B	B	F,G,H,I	F,G,H,I
30 1/2 X 84	29 1/2 X 83	B	B	F,G,J,K	F,G,J,K
22	36 x 25	B	B	F,G	F,G
23	36 x 37 3/8	B	B	F,G	F,G
24	36 x 49 5/8	B	B	F,G	F,G,H,I
245	36 x 55 1/4	B	B	F,G	F,G,H,I
25	36 x 62	B	B	F,G,H,I	F,G,H,I
26	36 x 71	B	B	F,G,H,I	D,E,F,G,H,I
27	36 x 83	B	B	F,G,J,K	F,G,H,I,J,K
42 x 26	41 x 25	B	B	F,G	F,G
42 x 38 3/8	41 x 37 3/8	B	B	F,G	F,G,H,I
42 x 50 5/8	41 x 49 5/8	B	B	F,G	F,G,H,I
42 x 56 1/4	41 x 55 1/4	B	B	F,G,H,I	F,G,H,I
42 x 63	41 x 62	B	B	F,G,H,I	D,E,F,G,H,I
42 x 72	41 x 71	B	B	F,G,H,I	D,E,F,G,H,I
42 x 84	41 x 83	B	B	F,G,J,K	F,G,H,I,J,K
48 x 25	47 x 25	B	A,C	F,G	F,G
48 x 38 3/8	47 x 37 3/8	B	A,C	F,G	F,G,H,I
48 x 50 5/8	47 x 49 5/8	B	A,C	F,G	F,G,H,I
48 x 56 1/4	47 x 55 1/4	B	A,C	F,G,H,I	F,G,H,I
48 x 63	47 x 62	B	A,C	F,G,H,I	D,E,F,G,H,I
48 x 72	47 x 71	B	A,C	F,G,H,I	D,E,F,G,H,I
48 x 84	47 x 83	B	A,C	F,G,J,K	D,E,F,G,H,I,J,K
32	52 1/8 X 25	B	A,C	F,G	F,G
33	52 1/8 X 37 3/8	B	A,C	F,G	F,G,H,I
34	52 1/8 X 49 5/8	B	A,C	F,G,H,I	F,G,H,I
345	52 1/8 X 55 1/4	B	A,C	F,G,H,I	D,E,F,G,H,I
35	52 1/8 X 62	B	A,C	F,G,H,I	D,E,F,G,H,I
36	52 1/8 X 71	B	A,C	F,G,H,I	D,E,F,G,H,I
* 37	52 1/8 X 83	B	A,C	F,G,J,K	D,E,F,G,H,I,J,K

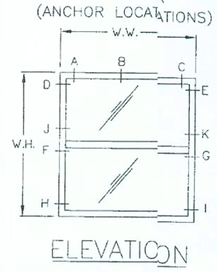
* 37 SIZE NOT AVAILABLE IN 1000 OR 1500 SERIES.

IMPORTANT INFORMATION & & GENERAL NOTES (cont.)

ANCHOR INSTALLATION INSTRUCTIONS (cont.)

3/16" DIA. TAPPER CONCRETE SCREW (WITH NON-STRUCTURAL ONE BY WOOD BUCK):

12) WHERE WINDOW IS INSTALLED IN MASONRY OPENING WITH A NON-STRUCTURAL ONE BY WOOD BUCK (NOTE 7), USE A 3/16" DIA. TAPPER CONCRETE SCREW OF SUFFICIENT LTH. TO ACHIEVE MIN. EMBEDMENT OF 1-1/4" INTO MASONRY OR CONCRETE.
13) SEE THIS SHEET FOR TAPPER INSTALLATION ANCHOR LOCATION CHART. LETTER DESIGNATIONS ON THE TAPPER LOCATION CHART INDICATE WHERE TAPPER CONCRETE SCREWS ARE TO BE INSTALLED WHEN USING THE EXTERIOR ELEVATION AS A KEY.
14) TAPPER (RAWL) CONCRETE SCREW MANUFACTURED BY POWERS FASTENING, INC. WILL BE USED. SIMPSON STRONG-TIE) CAN BE SUBSTITUTED WITH THE FOLLOWING LIMITATIONS FOR THE SINGLE HUNG WINDOW SIZES
(1) 18 1/8 x 62 AND (2) 30 1/2 x 84:
a) LIMIT TO 65 PSF, OR
b) INSTALL ONE ADDITIONAL FASTENER IN FACH JAMB OVER CHART REQUIREMENTS AT LOCATIONS H AND I.
15) ALL REMAINING FACTORY APPLIED INSTALLATION FASTENER HOLES NOT USED FOR TAPPER CONCRETE SCREW INSTALLATION SHOULD BE FILLED WITH #8 WOOD SCREWS OF SUFFICIENT LTH. TO PROVIDE MIN. 5/8 IN. EMBEDMENT INTO WOOD BUCK



#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):

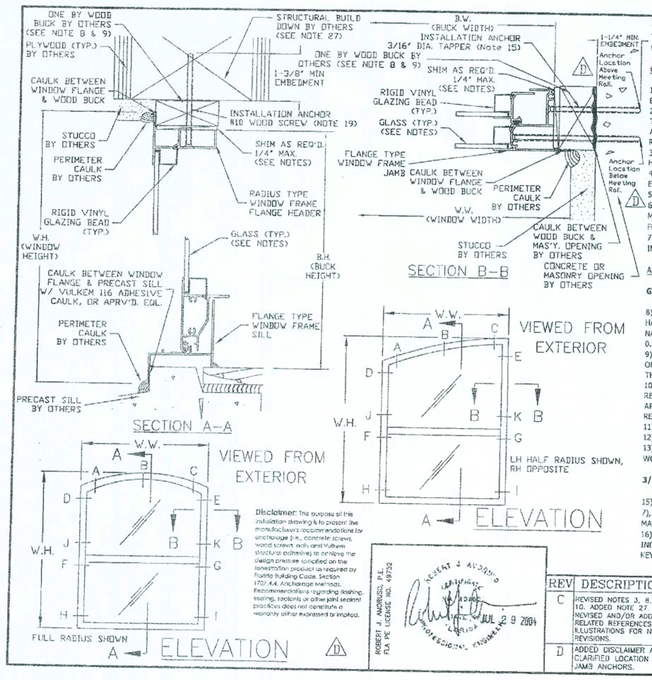
16) WHERE WINDOW IS INSTALLED IN MASONRY OPENING WITH A STRUCTUAL TWO BY WOOD BUCK, USE #10 WOOD SCREWS (ANSI B18.6.1) OR SUFFICIENT LENGTH TO ACHIEVE 1-3/8" MIN. EMBEDMENT INTO THE TWO BY WOOD BUCK.
16A) IF A TWO BY & ONE BY WOOD BUCK ARE USED (SEE SECTION A-A ALTERNATE, SIMILAR FOR SECTION B-B), THEN #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 6 & 7.
17) #10 WOOD SCREWS SHALL BE INSTALLED AT ALL FACTORY APPLIED INSTALLATION FASTEAER HOLE LOCATIONS.
18) WOOD SCREWS SHALL NOT BE USED TO FASTEN ASSEMBLY INTO THE END GRAIN OF WOOD.

DESIGN PRESSURE RATING & FBC REQUIREMENTS

19) IF EXACT WINDOW SIZE IS NOT LISTED IN TAPPER ANCHOR CHART FOR NON-STRUCTURAL BUCK INSTALLATION, USE ANCHOR QUANTITY LISTED FOR NEXT LARGER SIZE. FOR THE APPROPRIATE DESION PRESSURE REQ'D
20) INSTALLATIONS DEPICTED IN THESE INSTRUCTIONS ACCEPTABLE FOR DESIGN PRESSURES TO 70 PSF FOR THE WINDOW SIZES SHOWN IN THE CHART. DESIGN PRESSURES (D.P.) SHOWN ARE POSITIVE AND NEGATIVE.
21) GLASS THICKNESS MAY VARY PER THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS.
22) COMPLIES WITH FBC, CHAPTER 17 SECTIONS 1707.4.4.1 FOR ANCHORING REQUIREMENTS, 1707.4.4.2 FOR MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATES AND 1707.4.4.3 FOR WOOD OR APPROVED FRAMING MEMBERS, MARCH 1, 2002.
23) 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 FBC, SECTION 1707.4.4.2 AND THE ENGINEER OF RECORD'S DETAILS.

REV	DESCRIPTION
B	
C	
D	
E	

FLORIDA EXTRUDERS INTERNATIONAL, INC. 2540 JEWETT LANE SANFORD, FLORIDA
CERTIFICATE OF AUTHORIZATION NO. 9235
TITLE: INSTALLATION DETAIL
SGL. HUNG FLANGE WINDOWS - SERIES 1000 , 1500 & 2000
DRAWN BY: RJA | APPROVED BY: RJA
DATE: 7/29/04 | SCALE: NTS | DWG.: FLEX0016, SHT 2 OF 2



Disclaimer: The purpose of this installation drawing is to present the manufacturer's recommendations for anchorage (i.e., concrete screws, wood screws, nails and Vulkem structural adhesive) to achieve the design pressure specified on the fenestration product as required by Florida Building Code, Section 1707.4.4, Anchorage Methods. Recommendations regarding flashing, sealing, sealants or other joint sealant practices does not constitute a warranty either expressed or implied.

IMPORTANT INFORMATION GENERAL NOTES

These notes are provided to ensure proper iallation of Florida Extruders Milestone products and must be followed fully.

GENERAL INSTALLATION INSTRUCTIONS

1) SHIM AS REQ'D. AT EACH INSTALLATIONCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STACK TO BE 1/4".
2) USE SILICONIZED ACRYLIC CAULK BEHINDINDOW FLANGE AT HEAD & JAMBS. SILL MUST RE ATTACHED TO THE SUBSTRATE WITH VULKEM 116 ADHES CAULK OR APPROVED EQUAL. APPLICATION OF VULKEM 116 ADHESIVE CAULK OR APPROVED EQUAL AT FRAME SILL MUST COMPLY WITH SEALANT MANUFACTURER'S RECOMMENDATIONS.
3) USE SILICONIZED ACRYLIC CAULK FOR PMETER SEAL AROUND EXTERIOR OF WINDOW FLANGE AND TO SEAL HEADS OF INSTALLATION FASTENERS.
4) FLORIDA EXTRUDERS 1000 SERIES SINGLUNG IS SHOWN. THIS PRINT ALSO APPLIES TO THE FLORIDA EXTRUDERS 1500 AND 2000 SERIES SINGLENGS.
5) WINDOW FRAME MATERIAL: ALUMINUM OY 6063.
6) BUILD DOWN AROUND CURVED PORTION WINDOW FRAME TO BE ENGINEERED BY OTHERS. BUILD DOWN MUST BE OF SUFFICIENT STRENGTH TO ADIATELY TRANSFER LOAD FROM WINDOW TO THE STRUCTURE PER FBC, SECTION 1707.4.4.
7) WINDOW UNIT CAN BE MULLED TO OTHBNITS USING ALUMINUM TUBE MULLION. SEE MULLION INSTALLATION SHEETS FOR REQUIREMENTS

ANCHOR INSTALLATION INSTRUCTIONS

GENERAL:

8) NAIL ATTACHMENT OF NON-STRUCTURALE BY BUCK IS 4" FROM EACH CORNER AND 8" ON CENTER. USE A HARDENED "T-NAIL" WITH A 0.097" DIAMETAND 1 3/8" LENGTH (5/8" EMBEDMENT), A HARDENED "MASONRY NAIL" WITH A 0.148" DIAMETER AND 1 1/2" KITH (3/4" EMBEDMENT) OR EQUIVALENT FOR THE JAMBS. USE A 0.113" DIAMETER COMMON WIRE NAIL WITH3/4" EMBEDMENT OR EQUIVALENT FOR THE HEAD.
9) APPLIES TO ALL NON-STRUCTURAL BUCKSS THAN 1 1/2" THICKNESS. NOT INTENDED TO LIMIT TO NOMINAL ONE BY WOOD BUCK ONLY. BUCKS GREATERAN 1" NOMINAL (3/4" THICK) AND LESS THAN 2" NOMINAL (1 1/2" THICK) WILL REQUIRE NAIL LENGTH SUFFICT TO MEET EMBEDMENT REQUIREMENTS OF NOTE 8.
10) ALL INSTALLATION ANCHORS MUST BE ME OF CORROSION RESISTANT MATERIALS OR HAVE A CORROSION RESISTANT COATING APPLIED SUITABLE FORE ENVIRONMENT AND/OR FRAMING MATERIAL. WHERE ANCHORS ARE USED IN PRESSURE-PRESERVATIVE TREED WOOD, THE WOOD SUPPLIER SHALL BE CONSULTED FOR RECOMMENDATION OF ANCHORS COMPATIBLE WITH THE PRESSURE-PRESERVATIVE TREATMENT PROCESS USED.
11) ALL FIELD SUPPLIED HOLES IN THE FRAME (IF REQUIRED) WILL BE 3/16" IN DIAMETER.
12) WOOD SCREWS SHALL MEET ANSI B18.6.1DIMENSIONAL REQUIREMENTS.
13) IF WOOD TENDS TO SPLIT, PRE-BORE HIS AS FOLLOWS: #8 WOOD SCREW - 1/8" DIA. PILOT HOLE & #10 WOOD SCREW - 9/64" DIA. PILOT HOLE (NATIAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION).

3/16" DIA. TAPPER CONCRETE SCREW (WH NON-STRUCTURAL ONE BY WOOD BUCK):

15) WHERE WINDOW IS INSTALLED IN MASOR OPENING WITH A NON-STRUCTURAL ONE BY WOOD BUCK (NOTE 7), USE A 3/16" DIA. TAPPER CONCRETE SCREOF SUFFICIENT LTH. TO ACHIEVE MIN. EMBEDMENT OF 1-1/4" INTO MASONRY OR CONCRETE.
16) SEE SHEET 2 FOR INSTALLATION ANCHOR LOCATION CHART. LETTER DESIGNATIONS ON THE LOCATION CHART INDICATE WHERE TAPPER CONCRETE SCREWSLE TO BE INSTALLED WHEN USING THE EXTERIOR ELEVATION AS A KEY.

[SEE SHEET 2 FOR CONTINUATION OF NOTES]

ROBERT J. ALVIANO, P.E. FLA PE LICENSE NO. 49752

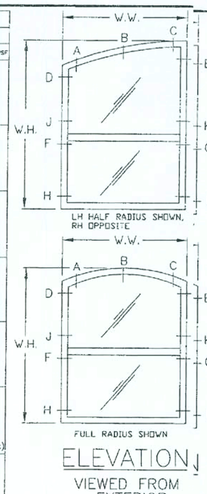
REV	DESCRIPTION	DATE	INI
C	REVISED NOTES 3, 8, 9 & 10. ADDED NOTE 27. REVISED AND/OR ADDED RELATED REFERENCES AND ILLUSTRATIONS FOR NOTE REVISIONS.	12/19/03	RJA
D	ADDED DISCLAIMER AND CLARIFIED LOCATION OF JAMB ANCHORS.	7/29/04	RJA

FLORIA EXTRUDERS INTERNATIONAL, INC. 2540 JEWETT LANE SANFORD, FLORIDA
CERTIFICATE OF AUTHORIZATION NO. 9235
TITLE: INSTALLATION DETAIL SINGLE HUNG RADIUS HEAD
FLANGE W/FRAME BUILD DOWN - SERIES 1000 , 1500 & 2000
DRAWN BY: JH | APPROVED BY: RJA
DATE: 7/29/04 | SCALE: NTS | DWG.: FLEX0040 SHEET 1 OF 2

ANCHOR LOCATION CHART (SEE NOTES BELOW)					
CALL SIZE	BUCK SIZE	LOCATIONS IN HEAD (see note 1 below)		LOCATIONS IN JAMB (see notes 2 & 3 below)	
		30PSF TO 40PSF	41PSF TO 70PSF	30PSF TO 40PSF	41PSF TO 70PSF
12	18 1/8 x 27 5/16	A,C	A,C	F,G	F,G
13	18 1/8 X 29 11/16	A,C	A,C	F,G	F,G
14	18 1/8 X 51 15/16	A,C	A,C	F,G	F,G
145	18 1/8 X 57 19/32	A,C	A,C	F,G	F,G
15	18 1/8 X 64 5/16	A,C	A,C	F,G	F,G (a)
16	18 1/8 X 73 5/16	A,C	A,C	F,G (a)	F,G (a)
1H2	25 1/2 X 28 9/16	A,C	A,C	F,G	F,G
1H3	25 1/2 X 40 15/16	A,C	A,C	F,G	F,G
1H4	25 1/2 X 53 3/16	A,C	A,C	F,G	F,G,H,I
1H45	25 1/2 X 58 13/16	A,C	A,C	F,G	F,G,H,I
1H5	25 1/2 X 65 9/16	A,C	A,C	F,G	F,G,H,I
1H6	25 1/2 X 74 9/16	A,C	A,C	F,G	F,G,H,I
30 1/2 X 30 7/32	29 1/2 X 29 7/32	A,C	A,C	F,G	F,G
30 1/2 X 42 19/32	29 1/2 X 41 19/32	A,C	A,C	F,G	F,G
30 1/2 X 54 27/32	29 1/2 X 53 27/32	A,C	A,C	F,G	F,G,H,I
30 1/2 X 60 15/32	29 1/2 X 59 15/32	A,C	A,C	F,G	F,G,H,I
30 1/2 X 67 7/32	29 1/2 X 66 7/32	A,C	A,C	F,G (a)	F,G,H,I
30 1/2 X 76 7/32	29 1/2 X 75 7/32	A,C	A,C	F,G,H,I	F,G,H,I (b)
22	36 x 30 5/16	A,B,C	A,B,C	F,G	F,G
23	36 x 42 11/16	A,B,C	A,B,C	F,G	F,G (a)
24	36 x 54 15/16	A,B,C	A,B,C	F,G	F,G,H,I
245	36 x 60 9/16	A,B,C	A,B,C	F,G (a)	F,G,H,I
25	36 x 67 5/16	A,B,C	A,B,C	F,G,H,I	F,G,H,I (b)
26	36 x 76 5/16	A,B,C	A,B,C	F,G,H,I	D,E,F,G,H,I
42 x 32 5/32	41 x 31 5/32	A,B,C	A,B,C	F,G	F,G
42 x 44 17/32	41 x 43 17/32	A,B,C	A,B,C	F,G	F,G,H,I
42 x 56 25/32	41 x 55 25/32	A,B,C	A,B,C	F,G	F,G,H,I
42 x 62 3/8	41 x 61 3/8	A,B,C	A,B,C	F,G,H,I	F,G,H,I
42 x 69 5/32	41 x 68 5/32	A,B,C	A,B,C	F,G,H,I	D,E,F,G,H,I
42 x 78 5/32	41 x 77 5/32	A,B,C	A,B,C	F,G,H,I	D,E,F,G,H,I
48 x 33 5/32	47 x 32 5/32	A,B,C	A,B,C	F,G	F,G
48 x 45 17/32	47 x 44 17/32	A,B,C	A,B,C	F,G	F,G,H,I
48 x 57 25/32	47 x 56 25/32	A,B,C	A,B,C	F,G (a)	F,G,H,I
48 x 63 3/8	47 x 62 3/8	A,B,C	A,B,C	F,G,H,I	F,G,H,I (b)
48 x 70 5/32	47 x 69 5/32	A,B,C	A,B,C	F,G,H,I	D,E,F,G,H,I
48 x 79 5/32	47 x 78 5/32	A,B,C	A,B,C	F,G,H,I	D,E,F,G,H,I (c)
32	52 1/8 X 33	A,B,C	A,B,C	F,G	F,G
33	52 1/8 X 45 3/8	A,B,C	A,B,C	F,G	F,G,H,I
34	52 1/8 X 57 5/8	A,B,C	A,B,C	F,G,H,I	F,G,H,I
345	52 1/8 X 63 1/4	A,B,C	A,B,C	F,G,H,I	D,E,F,G,H,I
35	52 1/8 X 70	A,B,C	A,B,C	F,G,H,I	D,E,F,G,H,I
36	52 1/8 X 79	A,B,C	A,B,C	F,G,H,I	D,E,F,G,H,I (c)

ANCHOR LOCATION CHART NOTES:

1. Locations in HEAD for #10 Wood Screws into structural "two by" wood buck or "one by" wood buck/structural build-down.
2. Locations in JAMB for 3/16" TAPPER Concrete Screws into non-structural buck & concrete or masonry.
3. Locations in JAMB for #10 Wood Screws into structural "two by" buck. Where indicated by (a), (b) or (c) above, additional #10 Wood Screws shall be added at the following locations.
   (a) One additional anchor required in each jamb at locations "H" and "I".
   (b) One additional anchor required in each jamb at locations "D" and "E".
   (c) One additional anchor required in each jamb at locations "J" and "K".
4. Dimensions given are for half radius head units, full radius will be shorter.



IMPORTANT INFORMATION & GENERAL NOTES (cont.)

ANCHOR INSTALLATION INSTRUCTIONS (cont.)

3/16" DIA. TAPPER CONCRETE SCREW (WITH NON-STRUCTURAL ONE BY WOOD BUCK) (cont):

17) TAPPER (RAWL) CONCRETE SCREW MANUFACTURED BY POWERS FASTENING, INC. WILL BE USED. TAPCON (by ELCO TEXTRON INC.) OR TITEN (by SIMPSON STRONG-TIE) CAN BE SUBSTITUTED WITH THE FOLLOWING LIMITATIONS FOR THE SINGLE HUNG WINDOW CALL SIZE 15:
a) LIMIT TO 65 PSF, OR
b) INSTALL ONE ADDITIONAL FASTENER IN EACH JAMB OVER CHART REQUIREMENTS AT LOCATIONS H AND I.
18) ALL REMAINING FACTORY APPLIED INSTALLATION FASTENER HOLES NOT USED FOR TAPPER CONCRETE SCREW INSTALLATION SHOULD BE FILLED WITH #8 WOOD SCREWS OF SUFFICIENT LTH. TO PROVIDE MIN. 5/8 IN. EMBEDMENT INTO WOOD BUCK.

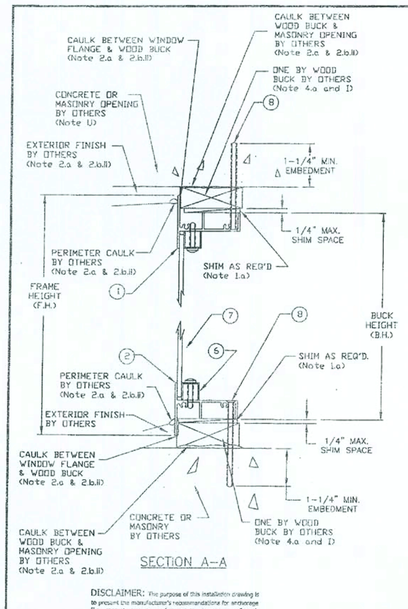
#10 WOOD SCREW (WITH STRUCTURAL TWO BY WOOD BUCK OR ONE BY WOOD BUCK/STRUCTURAL BUILD-DOWN):

19) WHERE WINDOW IS INSTALLED IN MASONRY OPENING WITH A STRUCTUAL TWO BY WOOD BUCK OR ONE BY WOOD BUCK/STRUCTURAL BUILD-DOWN, USE #10 WOOD SCREWS (ANSI B18.6.1) OF SUFFICIENT LENGTH TO ACHIEVE 1-3/8" MIN. EMBEDMENT INTO THE TWO BY WOOD BUCK OR THE STRUCTURAL BUILD-DOWN FRAMING COMPONENT.
20) SEE SHEET 2 FOR INSTALLATION ANCHOR LOCATION CHART. LETTER DESIGNATIONS ON THE LOCATION CHART INDICATE WHERE #10 WOOD SCREWS ARE TO BE INSTALLED WHEN USING THE EXTERIOR ELEVATION AS A KEY. ALSO SEE "ANCHOR LOCATION CHART NOTES", NOTE 3, FOR WINDOW SIZES REQUIRING ADDITIONAL ANCHORS AND LOCATIONS.
21) #10 WOOD SCREWS SHALL NOT BE USED TO FASTEN ASSEMBLY INTO THE END GRAIN OF WOOD.
22) ALL REMAINING FACTORY APPLIED INSTALLATION FASTENER HOLES NOT USED FOR #10 WOOD SCREW INSTALLATION SHOULD BE FILLED WITH #8 WOOD SCREWS OF SUFFICIENT LTH. TO PROVIDE MIN. 5/8 IN. EMBEDMENT INTO WOOD BUCK.

DESIGN PRESSURE RATING & FBC REQUIREMENTS

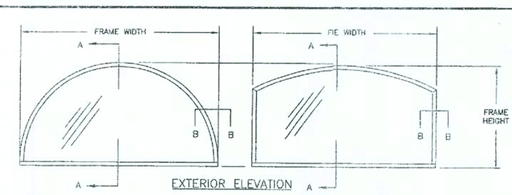
23) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR LOCATION CHART, USE ANCHOR QUANTITY LISTED FOR NEXT LARGER SIZE, FOR THE APPROPRIATE DESIGN PRESSURE REQ'D.
24) INSTALLATIONS DEPICTED IN THESE INSTRUCTIONS ACCEPTABLE FOR DESIGN PRESSURES TO 70 PSF FOR THE WINDOW SIZES SHOWN IN THE CHART. DESIGN PRESSURES (D.P.) SHOWN ARE POSITIVE AND NEGATIVE.
25) GLASS THICKNESS MAY VARY PER THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS.
26) COMPLIES WITH CHAPTER 17 SECTIONS 1707.4.4.1 FOR ANCHORING REQUIREMENTS, 1707.4.4.2 FOR MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATES AND 1707.4.4.3 FOR WOOD OR APPROVED FRAMING MEMBERS, MARCH 1, 2002.
27) STRUCTURAL BUILD-DOWN AT THE HEAD TO BE DESIGN TO TRANSFER THE LOAD TO THE MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE PER FBC, SECTION 1707.4.4.2 OR TO THE WOOD OR APPROVED FRAMING MEMBERS PER FBC, SECTION 1707.4.4.3AND THE ENGINEER OF RECORD'S DETAILS.

REV	DESCRIPTION
B	
C	
D

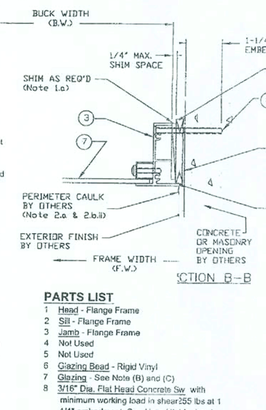


SECTION A--A

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) 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.



EXTERIOR ELEVATION



SECTION B--B

GENERAL NOTES

(1 to 15) See General Notes Drawing FLEX20100, Sheet 1 & 2.

(A) Milestone Series 1000 Designer Fixed Aluminum Window is shown. Also applicable to Series 1750 and 2000 Designer Fixed Aluminum Windows.

(B) Drawing applicable to Non-Impact Resistant glazed windows.

(C) Production Glazing may differ from that tested as allowed by ANSI/AAMA/NWWDA 101/I.S. 2 - 97 or 101/I.S. 2 NAFS 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 or tapping screw edge distance measured from edge of wood to centerline of wood or tapping screw must meet or exceed 1". Minimum size and embedment per Parts List. See Note (H) regarding deviations.

(G) All field supplied holes in the frame (if required) will be 3/16" in diameter for 3/16" concrete screws and #10 wood screws.

(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.

PARTS LIST

1 Head - Flange Frame
2 Sill - Flange Frame
3 Jamb - Flange Frame
4 Not Used
5 Not Used
6 Glazing Bead - Rigid Vinyl
7 Glazing - See Note (B) and (C)
8 3/16" Dia. Flat Head Concrete Sw with minimum working load in shear 255 lbs at 1 1/4" embedment. See Note (J) this drawing and Note 7 on Drawing FLEX20.
9 #10 Wood or Tapping Screw wit minimum embedment of 1-3/8" into "Structural Two By Buck or Framing". See Note (L) this drawing and Note 8 on Drawing FLEX20.

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www.floridaextruders.com
Florida COA No. 9235

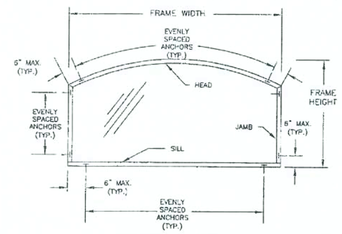
TITLE: Milestone Series 1000, 1750 and 2000 Non-Impact Resistant Aluminum Frame Designer Fixed Window Installation Drawing for Masonry Substrate & Concrete Header

REVISIONS		
No.	Date	Description
1	12/27/05	N/A Supersedes LEX0005

Date: 12/27/05
Scale: NTS
Drawn By: RJA
Checked By: JH

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

Drawing No. FLEX28110
Sheet 1 of 2



EXTERIOR ELEVATION

FASTENER SPACING ILLUSTRATION
EYEBROW ARCH DESIGNER WINDOW SHOWN AS EXAMPLE

EXAMPLE:

HEAD (CURVED PORTION) SECURED TO CONCRETE HEADER, JAMBS OR SILL SECURED TO CMU AND CAST-SILL RESPECTIVELY WITH ONE BY BUCK

USE 3/16" DIA. CONCRETE SCREWS AT 24" O.C. SPACING BETWEEN ANCHORS AND SPACED 6" MAXIMUM FROM CORNERS.

– or –

HEAD (CURVED PORTION), JAMBS OR SILL SECURED TO STRUCTURAL TWO BY BUCK (ATTACHED TO CONCRETE HEADER, JAMBS OR SILL)

USE #10 WOOD SCREWS AT 12" O.C. SPACING BETWEEN FASTENERS AND SPACED 6" MAXIMUM FROM CORNERS. (NOTE: 12" SPACING FOR EXAMPLE EYEBROW APPLICATION. OTHER APPLICATIONS MAY REQUIRE 10" SPACING PER NOTE (P))

FASTENER INSTALLATION INSTRUCTIONS - FLEX28110

3/16" DIA. CONCRETE SCREW WITH NON-STRUCTURAL ONE BY WOOD BUCK AND CONCRETE BUILD-DOWN:

(I) Nail attachment of non-structural one by buck per Note 4.a.ii.2 Drawing FLEX20100.
(J) Where window is installed in an opening with a non-structural one by wood buck for the head, sill 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.
(K) Fastener spacing shall be per Notes (O), (Q) and (R) below.

#10 WOOD SCREW WITH STRUCTURAL TWO BY WOOD BUCK AND CONCRETE BUILD-DOWN. USED WHEN TWO BY BUCK EMPLOYED IN LIEU OF ONE BY BUCK (THIS CONFIGURATION NOT SHOWN):

(L) Where window is installed in an opening with a structural two by wood buck for the head, sill and jambs, 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.
(M) Wood screws shall not be used to fasten assembly into the end grain of wood.
(N) Fastener spacing shall be per Notes (P), (Q) and (R) below.

FASTENER SPACING (See Elevation Drawing on this Sheet):

(O) Concrete screw spacing shall be as follows:
- 6" maximum from each corner of head, sill or jambs, and
- evenly spaced between corner anchors but not exceeding 24" o.c. spacing in head, sill or jambs.

(P) #10 wood screw spacing shall be as follows:
- 6" maximum from each corner of head, sill or jambs, and
- evenly spaced between corner anchors but not exceeding 12" o.c. spacing in head, sill or jambs for the following configurations:
  - o eyebrow
  - o half-circle arch
  - o half-eyebrow
  - o octagon
  - o fan
  - o pentold
  - o full-circle
  - o half-circle
  - o triangle
  - o trapezoid
  - o oval
- evenly spaced between corner anchors but not exceeding 10" o.c. spacing in head, sill or jambs for the following configurations:
  - o quarter-circle
  - o quarter-circle arch
  - o half-fan

(Q) Spacing in Note (O) and (P) above be based on the use of either a concrete screw or #10 wood screw as required for securing the window frame into the substrate as follows (see illustration this sheet):
- Concrete screw into concrete or masonry using a non-structural One By Wood Buck.
- #10 wood screw into a Two By Wood Buck structurally attached to concrete or masonry substrate.

(R) If configuration requires combination of concrete screw and #10 wood screw in either a head, sill or jamb, the lower of the maximum spacings above shall be used.

DESIGN PRESSURE RATING & FBC CODE COMPLIANCE

(S) Installations depicted in these instructions acceptable for design pressures to 70 PSF. Design Pressures (D.P.) are positive and negative. Overall window assembly design pressure may be less than that shown in the fastener capacity table and shall be determined in accordance with Note 13 of FLEX20100.
(T) Production Glazing may differ from that tested as allowed by ANSI/AAMA/NWWDA 101/I.S. 2 - 97 or 101/I.S. 2 NAFS and applicable Building Code. See Note 12 and 13 on Drawing FLEX 20100 for further details.
(U) Concrete Header at head and/or two by wood buck and/or framing at the head, sill 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.
(V) See FLEX20100, Notes 10 to 15 for additional FBC Code Compliance.

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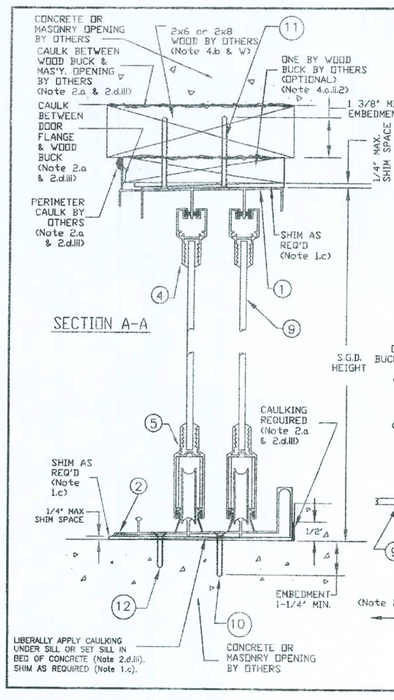
Florida COA No. 9235

TITLE: Milestone Series 1000, 1750 and 2000 Non-Impact Resistant Aluminum Frame Designer Fixed Window Installation Drawing for Masonry Substrate & Concrete Header

REVISIONS		
No.	Date	Description
1	12/27/05	N/A Supersedes LEX0005

Date: 12/27/05
Scale: NTS
Drawn By: RJA
Checked By: JH

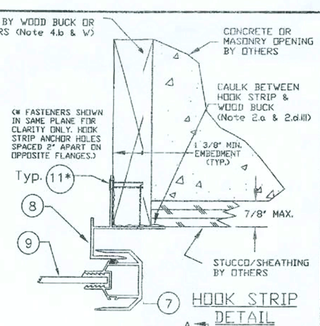
Drawing No. FLEX28110
Sheet 2 of 2



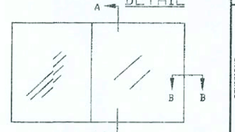
SECTION A-A

PARTS LIST

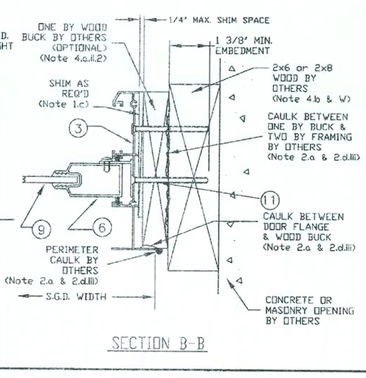
1 Head - Flange Frame
2 Sill - Flange Frame
3 Jamb - Flange Frame
4 Head - Panel
5 Sill - Panel
6 Lock Stile - Panel
7 Interlock - Panel
8 Hook Strip
9 Glazing - See Note (B) and (V)
10 3/16" Dia. Flat Head Concrete Screw with minimum working load in shear of 255 lbs at 1 1/4" embedment. See Note (K) on this drawing and Note 7 on Drawing FLEX20100.
11 #10 Wood or Tapping Screw with a minimum embedment of 1-3/8" into two by framing. See Note (P) on this drawing and Note 8 on Drawing FLEX20100.
12 #10 Wood or Tapping Screw with Plastic Inserts (Note 8) on FLEX20100) at a minimum embedment of 1" into the concrete sill. See Note (O) on this drawing and Note 8 on Drawing FLEX20100
13 #10 Wood or Tapping Screw with a minimum embedment of 7/8" into the "One By Wood Buck". See Note (R) on this drawing and Note 8 on Drawing FLEX20100.



HOOK STRIP DETAIL



EXTERIOR ELEVATION
2 WIDE DOOR SHOWN
(SEE NOTES (C), (D) & (E))

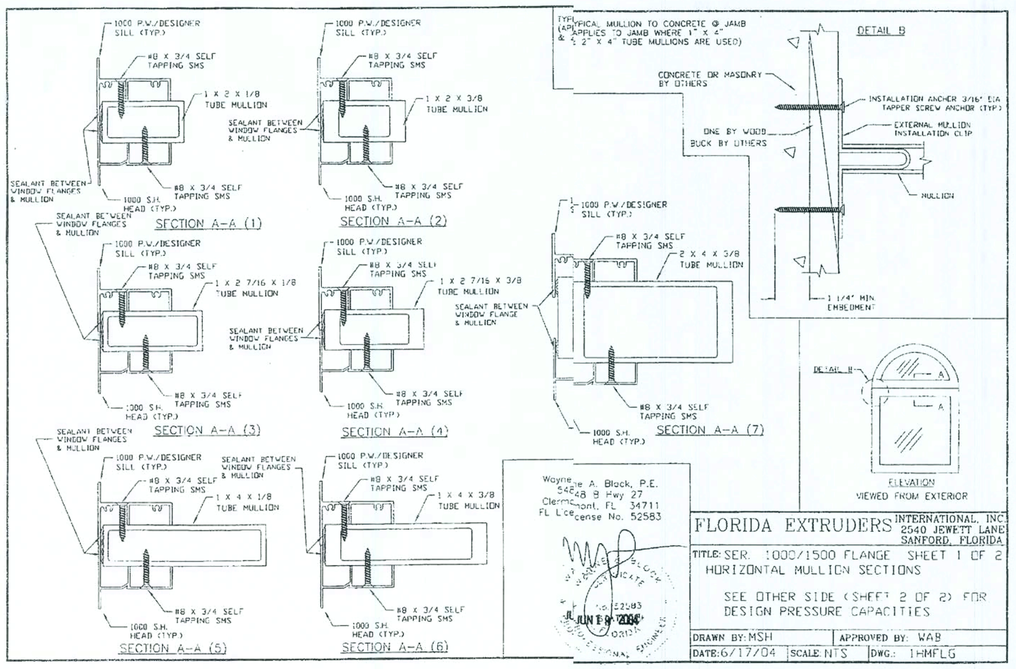


SECTION B-B

DISCLAIM: The purpose of this installation drawing is to present the manufacturer's recommendations for anchorage (concrete screws, wood screws, lag screws, nails and Vulkem Sealant Adhesive (or other approved) as applicable) to achieve the design pressure specified on the fenestration product as required by 2001 Florida Building Code (FBC), Section 1707.4.4, 2004 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. Amoruso, P.E.
FL License No. 49752

Drawing No. FLEX24112
Sheet 1 of 2



Wayne A. Block, P.E.
548 B Hwy 27
Clermont, FL 34711
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FLORIDA EXTRUDERS INTERNATIONAL, INC.
2540 JEWETT LANE
SANFORD, FLORIDA

TITLE: SER. 1000/1500 FLANGE SHEET 1 OF 2
HORIZONTAL MULLION SECTIONS

SEE OTHER SIDE (SHEET 2 OF 2) FOR DESIGN PRESSURE CAPACITIES

DRAWN BY: MSH	APPROVED BY: WAB
DATE: 6/17/04 SCALE: NTS	DWG.: 1HMFLG

REVISIONS :

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

FLORIDA EXTRUDERS
WINDOWS IN BLOCK
RELEASE DATE:

SHEET: 2 of 3

..\title_blocks\18x24-1252d.dgn Mar. 31, 2006 13:32:09

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:

a. FLANGE FRAME WINDOWS - Shim as required at each installation fastener with load bearing shim. The maximum allowable shim stack is to be 1/4"
b. FIN FRAME WINDOWS - Shim as required at each installation fastener with load bearing shim. The maximum allowable shim stack to be 1/4". Apply a bead of Vulkem 116 adhesive sealant or approved equal at the fastener location prior to inserting the shim to adhere the shim to the substrate and/or window frame. Full bearing between the shim, substrate and window frame are required.
i. In the case where the nailing option is employed with fin set windows, shims can be limited to the location spacing where wood screws are required. It is not imperative that the shim be coincident with the nail.
c. SLIDING GLASS DOORS - Shim as required at each installation fastener with load bearing shim. The maximum allowable shim stack to be 1/4". Load bearing shim at sill 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 & SSD SEAM SEALANT (See Disclaimer Statement above)

a. GENERAL - SEALANT TYPE (not applicable when a specific brand or type is required)
i. 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
b. WINDOWS - FLANGE FRAME
i. Adhesive Seal - REQUIRED
1. Use Vulkem 116 adhesive sealant or approved equal between window's integral mounting fin and pre-cast concrete sill (or other sill construction) along full length of sill.
2. Application of Vulkem 116 adhesive sealant or approved equal must comply with sealant manufacturer's recommendations
ii. Sealant - RECOMMENDED (see Disclaimer)
1. Use sealant behind window flange at head and jambs
2. Use sealant for perimeter seal around exterior of flange window mounting fin and to seal heads of installation fasteners.
c. WINDOWS - FIN FRAME
i. Adhesive Seal - NOT REQUIRED
ii. Sealant - RECOMMENDED (see Disclaimer)
1. Use sealant behind window flange at head, sill and jambs.
2. Use sealant for perimeter seal around exterior of flange window mounting fin and to seal heads of installation fasteners.
d. SLIDING GLASS DOORS
i. Adhesive Seal - NOT REQUIRED
ii. Mechanically Fastened Corners - REQUIRED
1. Sliding Glass Doors received in "Knocked-Down" condition shall have jamb and sill corners sealed with a small joint seam sealant
iii. Sealant - RECOMMENDED (see Disclaimer)
1. Use sealant behind door flange at head & jambs and behind lock strip
2. Liberally apply sealant under sill or set sill in bed of wet concrete. Seal between back corner of sill insert and concrete. Seal all fastener holes prior to installing fasteners and around foam shim installation.
3. Use sealant for perimeter seal around exterior of door and between lock strip & back for pocket doors and to seal heads of installation fasteners

3) MATERIALS:

a. Window and sliding glass door frame material is Aluminum Alloy 6063 T6.
b. Concrete Screws shall meet the minimum requirements of Note 7
c. Wood Screws shall meet the requirements of Note 8
d. Tapping (i.e.: Sheet Metal) screws when used in lieu of Wood screws shall meet the requirements of Note 8
e. Nails shall meet the requirements of Note 9
f. Corrosive Resistance Coatings for installation fasteners shall meet the requirements of Note 5
g. Concrete block or concrete masonry units (CMU) shall meet the requirements of ASTM C90.
h. Concrete shall meet the minimum requirements of the Florida Building Code (minimum compressive strength of 2500 psi)

4) BUCKING

a. One by (1x) wood bucking
i. Applies to all non-structural bucks less than 1 1/2" thickness. Not intended to limit to nominal one by wood buck only.
ii. One by wood bucking shall be secured to the substrate (masonry, concrete or structural wood bucking or framing using fasteners suitable for the application
1. If the product specific installation drawing does prescribe fastening requirements for the bucking, they shall be followed.
2. If the product specific installation drawing does not prescribe fastening requirements for the bucking, fastening must only be sufficient to maintain position of the bucking during window installation.
a. Installer, builder or design professional of record may specify method to secure one by wood bucking to substrate to facilitate window installation.
b. Two by (2x) wood bucking or framing:
i. Applies to all structural wood bucks and/or framing at the head, jamb or sill equal to and greater than 1 1/2" thickness.
ii. 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

5) All installation fasteners must be made of corrosion resistant materials or have a corrosion resistant coating applied suitable for the environment and/or framing material. Where fasteners are used in pressure-preservative treated wood, the wood supplier shall be consulted as to recommendation of fasteners compatible with the pressure-preservative treatment process used.

6) All field supplied holes in the frame (if required) will be as follows.
a. 5/32" diameter for all #8 wood or tapping screws.
b. 3/16" in diameter for all #10 wood or tapping screws and 3/16" diameter concrete screws.
c. No. 29 size drill bit for 0.1310" shank diameter nails.
d. No. 33 size drill bit for 0.113" shank diameter nails.

7) Concrete Screws (For attachment to masonry or concrete substrate.)

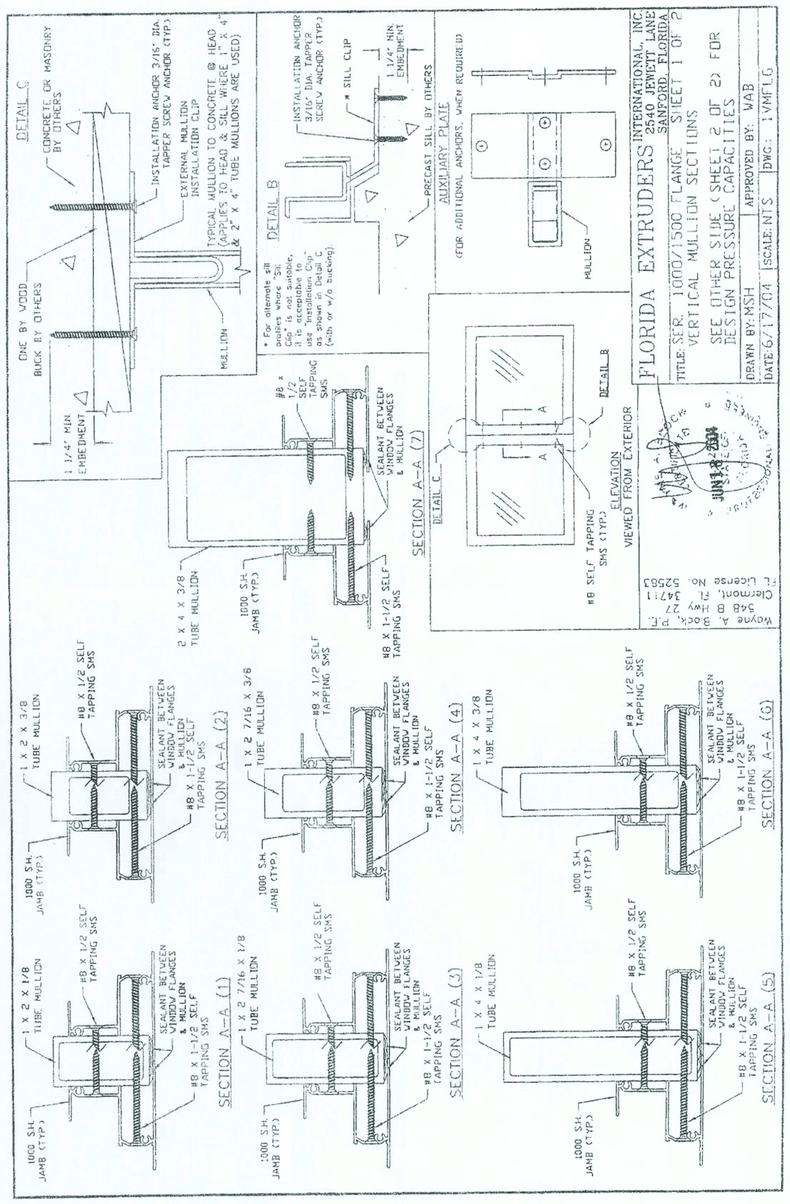
a. Shall be "Flat" head unless otherwise indicated.
b. Shall have a minimum nominal diameter of 3/16" unless otherwise noted.
c. Shall have a minimum embedment of 1 1/4" into the concrete, masonry or concrete block or masonry unit (CMU) receiving the point unless otherwise noted.
d. Shall have an allowable working load in shear as noted on the "Parts List" on the product specific installation drawing.
i. Working load is defined as the ultimate load determined by test divided by 4 as determined and published by the concrete screw's manufacturer.
ii. If the allowable shear load exceeds the above minimum, required number of fasteners shown on the installation drawings CANNOT be decreased.
iii. If the allowable shear load is less than the above minimum, additional site engineering analysis meeting the building code and acceptable to the Authority Having Jurisdiction (AHJ) WILL BE required.
e. Concrete screws shall be of sufficient length so that the minimum embedment shall not be in the receiving substrate (member receiving the point) is met.
f. 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 Amoruso'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 Amoruso dated July 31, 2002 from the Office of the Attorney General, State of Florida.



FASTENER LOCATION TABLE (see Elevation View, Sheet 1)

Series	Size Code	Frame Width and Height: Width	Frame Width and Height: Height (Full Radius)	Frame Width and Height: Height (Half Radius)	Fastener Screw Location: Head (No. 10 WS)	Fastener Screw Location: Jambs (No. 10 WS or Concrete Screw)
00/1500/2000	12	19 1/8	26 13/16	28 5/16	A, B, C	D, E, F, G, H, I
00/1500/2000	13	19 1/8	39 3/16	40 11/16	A, B, C	D, E, F, G, H, I
00/1500/2000	14	19 1/8	51 7/16	52 15/16	A, B, C	D, E, F, G, H, I
00/1500/2000	145	19 1/8	57 1/16	58 9/16	A, B, C	D, E, F, G, H, I
00/1500/2000	15	19 1/8	63 13/16	65 5/16	A, B, C	D, E, F, G, H, I
00/1500/2000	16	19 1/8	72 13/16	74 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
2000	17	19 1/8	90	86 5/16	A, B, C	D, E, F, G, H, I, J, K, Y, Z
00/1500/2000	1H2	26 1/2	27 7/16	29 9/16	A, B, C	D, E, F, G, H, I
00/1500/2000	1H3	26 1/2	39 13/16	41 15/16	A, B, C	D, E, F, G, H, I
00/1500/2000	1H4	26 1/2	52 1/16	54 3/16	A, B, C	D, E, F, G, H, I
00/1500/2000	1H45	26 1/2	57 11/16	59 13/16	A, B, C	D, E, F, G, H, I
00/1500/2000	1H5	26 1/2	64 7/16	66 9/16	A, B, C	D, E, F, G, H, I
00/1500/2000	1H6	26 1/2	73 7/16	75 9/16	A, B, C	D, E, F, G, H, I, J, K
1000/1500	1H7	26 1/2	84	84	A, B, C	D, E, F, G, H, I, J, K
2000	1H7	26 1/2	90	87 9/16	A, B, C	D, E, F, G, H, I, J, K, Y, Z
00/1500/2000	3H2	30 1/2	27 73/96	30 11/48	A, B, C	D, E, F, G, H, I
00/1500/2000	3H3	30 1/2	40 13/96	42 29/48	A, B, C	D, E, F, G, H, I
00/1500/2000	3H4	30 1/2	52 37/96	54 41/48	A, B, C	D, E, F, G, H, I
00/1500/2000	3H45	30 1/2	58 1/96	60 23/48	A, B, C	D, E, F, G, H, I
00/1500/2000	3H5	30 1/2	64 73/96	67 11/48	A, B, C	D, E, F, G, H, I
00/1500/2000	3H6	30 1/2	73 73/96	76 11/48	A, B, C	D, E, F, G, H, I, J, K
1000/1500	3H7	30 1/2	84 1/96	83 47/48	A, B, C	D, E, F, G, H, I, J, K
2000	3H7	30 1/2	90 1/96	89 47/48	A, B, C	D, E, F, G, H, I, J, K, Y, Z
00/1500/2000	22	37	28 5/16	31 5/16	A, B, C	D, E, F, G, H, I
00/1500/2000	23	37	40 11/16	43 11/16	A, B, C	D, E, F, G, H, I
00/1500/2000	24	37	52 15/16	55 15/16	A, B, C	D, E, F, G, H, I
00/1500/2000	245	37	58 9/16	61 9/16	A, B, C	D, E, F, G, H, I
00/1500/2000	25	37	65 5/16	68 5/16	A, B, C	D, E, F, G, H, I
00/1500/2000	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
2000	27	37	90	89 5/16	A, B, C	D, E, F, G, H, I, J, K, Y, Z
00/1500/2000	482	48	29 7/32	33 7/48	A, B, C	D, E, F, G, H, I
00/1500/2000	483	48	41 19/32	45 25/48	A, B, C	D, E, F, G, H, I
00/1500/2000	484	48	53 27/32	57 37/48	A, B, C	D, E, F, G, H, I
00/1500/2000	4845	48	59 15/32	63 19/48	A, B, C	D, E, F, G, H, I
00/1500/2000	485	48	66 7/32	70 7/48	A, B, C	D, E, F, G, H, I
00/1500/2000	486	48	75 7/32	79 7/48	A, B, C	D, E, F, G, H, I, J, K
1000/1500	487	48	84	84 1/12	A, B, C	D, E, F, G, H, I, J, K
2000	487	48	90	90 1/12	A, B, C	D, E, F, G, H, I, J, K, Y, Z
00/1500/2000	32	53 1/8	29 21/32	34	A, B, C	D, E, F, G, H, I
00/1500/2000	33	53 1/8	42 1/32	46 3/8	A, B, C	D, E, F, G, H, I
00/1500/2000	34	53 1/8	54 9/32	58 5/8	A, B, C	D, E, F, G, H, I
00/1500/2000	345	53 1/8	59 29/32	64 1/4	A, B, C	D, E, F, G, H, I
00/1500/2000	35	53 1/8	66 21/32	71	A, B, C	D, E, F, G, H, I
00/1500/2000	36	53 1/8	75 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	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:
(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.
(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 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 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 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/NWWDA 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.

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

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

REVISIONS			
No.	Date	By	Description
0	6/8/05	RJA	Original Release
1	9/26/05	RJA	Editorial Changes
2	12/27/05	RJA	Revised Notes 1, 6, 8 & 12
3	11/14/06	RJA	Revised Notes 2, 7, 8, 9, 11, 12, 13 & 15

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

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

ROBERT JAMES AMORUSO LICENSE No. 49752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Drawing No. FLEX20100
Sheet 1 of 2

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

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

REVISIONS			
No.	Date	By	Description
0	12/27/05	RJA	Supersedes FLEX20060
1	11/14/06	RJA	Revised Anchorage
2	3/02/07	RJA	Editorial Corrections

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

Drawing No. FLEX22110
Sheet 2 of 2

REVISIONS :

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

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FLORIDA EXTRUDERS
WINDOWS IN BLOCK

RELEASE DATE: 03/02/09

pw:\\title_blocks\18x24-1252d.dgn 31 MAR 2006

SHEET: 3 of 3

PRODUCT APPROVAL INFORMATION SHEET FOR FLORIDA

PROJECT NAME:_____ PERMIT #_____

PROJECT ADDRESS: _____

As required by Florida Statute 553.842 and Florida Administrative Code 9b-72, Please provide the information & 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 you product supplier if you do not know the product approval number for any of the applicable listed products. Information regarding statewide product approval may be obtained at: www.floridabuilding.org.

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State #	Design Pressures
A. EXTERIOR DOORS					
1. Swinging	Plastpro Inc.	Fiberglass Doors	Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads For Building and Other Structures	FL 6729.1 FL 6729.5	+50 / -50 +50 / -50
2. Sliding	Simonton/Norandex Florida Extruders	Sliding Glass Doors	500 72X80 SGD-R45 Milestone 1000 SGD	FL 5979.1 FL 45.1	+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 5287.1 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 David Window Co Florida Extruders	300 Fin Single Hung 341 Flange Frame S.H. Milestone 1000 S.H.	40-17 72x74 H-r45	FL5089.1 FL 2752.1 FL 42.1	+45 / -45 +55 / -55 +45 / -45
2. Horizontal Slider					
3. Casement					
4. Double hung					
5. Fixed	H-R Windows David Window Co Florida Extruders	300Fin Frame Fixed 341 Flange Frame Fixed Milestone 1000 Fixed	437.438 111X63 F-C60 3/16 Tempered Glass Flange & Fin	FL 1291.2 FL 2349.1 FL 44.1	+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 locations adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads for Building and Other Structures.	L 5782 L 3136-R2	+45 / -45
10. Wind breaker					
11. Dual action					
12. Other					
C. PANEL WALL					
1. Siding	Owen Corning	Norandex - Summit Manor Dbl 4.5 Butch Lap Reynolds - Easy Street Dbl 4.5 Dutch Lap	This Evaluation is not for use within the FBC HVHZ or on Education Facilities within the State of Florida. Vinyl Siding 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 the structural elements, exterior walls and interior walls are of ant material permitted by this code. Compliance is valid only if the subject profile trade name is current on the VSI Vinyl Siding 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	L 4459.1	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 1 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 5289.1 FL 8103.1 FL 3792.5	
E. SHUTTERS					
1. Storm Panels	Atrium Shutters, Inc. K&D Manufacturing All American Shutters, Inc.	5L Panel Galv. Stl 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 5547.1 FL 2773.1 FL 393.1	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 as specified in NOA 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 reponsibility 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

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

FLORIDA:
THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE RESIDENTIAL AND2005, 2006 SUPPLEMENT

PRODUCT APPROVAL

DRAWN BY:
GARAGE:
RELEASE DATE: 08.13.13
PLOT DATE: 21 JAN 2008

SHEET:

pN\prod_approval.dgn

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

DISTINCTION SERIES

SMC 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 8' 8" HIGH DOORS: SEE TABLE 1.
   - FOR FRAMES OVER 6' 8" UP TO 8' 0": SEE TABLE 2.

DISTINCTION SMC FIBERGLASS DOOR

DOOR LEAF CONSTRUCTION:

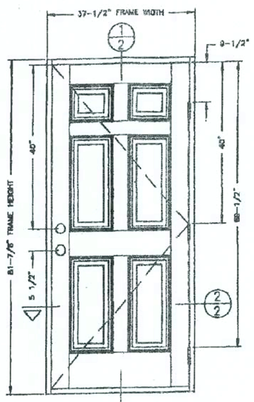
FACE SHEETS: EACH SLAB IS CONSTRUCTED FROM 0.090" THICK FIBERGLASS SKIN.

CORE DESIGN: THE INTERIOR CAVITY OF EACH DOOR IS FILLED WITH RIGID POLYURETHANE.

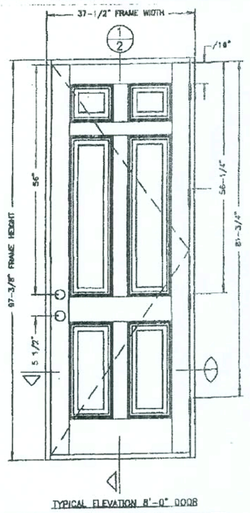
CONSTRUCTION: THE VERTICAL EDGES OF THE SLAB CONSIST OF GLUED INTERLOCKING FIBERGLASS JOINTS. THE HORIZONTAL EDGES CONSIST OF THE FIBERGLASS SKIN GLUED TO THE WOOD BLOCK AT TOP AND TO THE RIGID PVC FOAM INSERT AT BOTTOM.

TABLE OF CONTENTS

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



TYPICAL ELEVATION 6'-8" DOOR



TYPICAL ELEVATION 8'-0" DOOR

DESIGN PRESSURE RATING (TABLE #1)

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	NOT APPROVED	+80 PSF
NEGATIVE	NOT APPROVED	-80 PSF

DESIGN PRESSURE RATING (TABLE #2)

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
POSITIVE	NOT APPROVED	+80 PSF
NEGATIVE	NOT APPROVED	-80 PSF

PLASTPRO, INC.
9 PEACH TREE HILL RD.
LIVINGSTON, NJ 07039

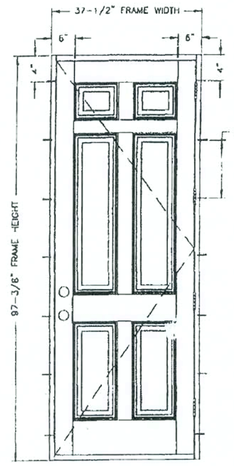
PRODUCT: DISTINCTION SERIES SMC INSWING FIBERGLASS PATIO DOOR
PART OR ASSEMBLY: GENERAL NOTES AND ELEVATIONS

REVISIONS

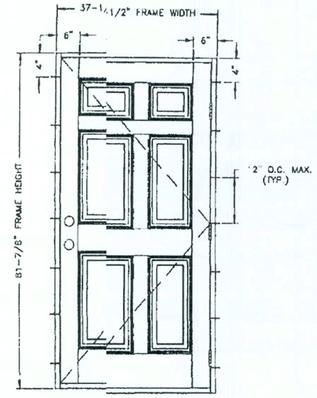
NO.	DATE	BY

RGW CONSULTING (813) 884-3831

DATE: 01/06/99
SCALE: N.T.S.
DWG. BY: R.P.P.
CHK. BY:
DRAWING NO.: 99-01
SHEET 1 OF 4



ANCHOR LAYOUT FOR 8'-0" DOOR



ANCHOR LAYOUT FOR 6'-8" DOOR

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

PLASTPRO, INC.
9 PEACH TREE HILL RD.
LIVINGSTON, NJ 07039

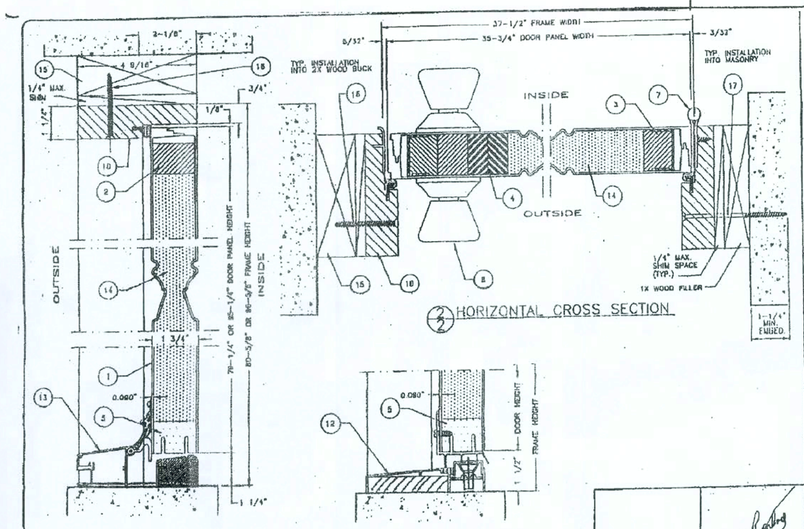
PRODUCT: DISTINCTION SERIES SMC INSWING FIBERGLASS PATIO DOOR
PART OR ASSEMBLY: ANCHORING LAYOUT

REVISIONS

NO.	DATE	BY

RGW CONSULTING (813) 884-3831

DATE: 01/06/99
SCALE: N.T.S.
DWG. BY: R.P.P.
CHK. BY:
DRAWING NO.: 99-01
SHEET 3 OF 4



1/2 VERTICAL CROSS SECTION

1/2 HORIZONTAL CROSS SECTION

1/2 OPTIONAL THRESHOLD

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 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.

PLASTPRO, INC.
9 PEACH TREE HILL RD.
LIVINGSTON, NJ 07039

PRODUCT: DISTINCTION SERIES SMC INSWING FIBERGLASS PATIO DOOR
PART OR ASSEMBLY: VERTICAL & HORIZONTAL

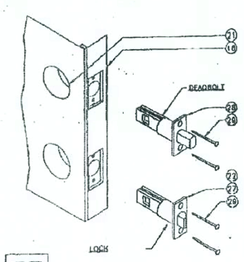
REVISIONS

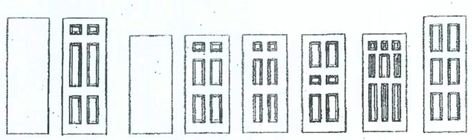
NO.	DATE	BY

RGW CONSULTING (813) 884-3831

DATE: 01/06/99
SCALE: N.T.S.
DWG. BY: R.P.P.
CHK. BY:
DRAWING NO.: 99-01
SHEET 2 OF 4

ITEM	DESCRIPTION	PART No.	MATERIAL
1	DOOR SKIN (8 PANEL 6'-8")	SKS 84	SMC 080 THK FIBERGLASS
	DOOR SKIN (8 PANEL 8'-0")	SKS 96	SMC 080 THK FIBERGLASS
2	TOP RAIL (6'-8")	WCA 30	WOOD (MAHOGANY)
	TOP RAIL (8'-0")	WCA 40	WOOD (MAHOGANY)
3	HINGE STILE	WCA 30	WOOD (MAHOGANY)
		RU 422	STEEL (SS 41)
4	LOCK STILE	WCA 30 (TWO PCS.)	WOOD (MAHOGANY)
		RU 422	STEEL (SS 41)
5	BOTTOM RAIL	WCA 30 (TWO PCS.)	WOOD (MAHOGANY)
		PUS 73	FOAM PVC EXTRUSION
		WAS 01	PVC
6	DOOR BOTTOM (INSWING)	DK 250 (ENDURA)	PVC CO-EXTRUSION
		BENCHMARK ADJ. DOOR SWEEP	PVC CO-EXTRUSION
		DOOR SWEEP	ALUMINUM / PVC
7	BUTT HINGE	4" X 4"	BRASS
8	LATCH LOCK	KWIKSET 200 SERIES	
9	DEAD BOLT	KWIKSET 660 SERIES	
10	DOOR FRAME	1-1/4" X 4-9/16" FRAME	FINGER JOINTED WHITE PINE
		DOR 150 WEATHERSTRIP	SCHLEGEL C-LOOK
12	THRESHOLD (INSWING)	6" X 8" DOOR SWEEP	ALUMINUM / WOOD
		DOR 300 WEATHERSTRIP	SCHLEGEL C-LOOK
		WOOD (HARDWOOD)	ALUMINUM / WOOD
13	THRESHOLD (INSWING)	DOR 400	SCHLEGEL C-LOOK
		DOOR SWEEP	ALUMINUM / PVC
14	FOAM CORE		ROYALBRIDGE FOAM CORE
15	JAMB		WOOD BLOCK
16	ANCHOR	#8X2-1/2" PPH WD. SCREW	STEEL
17	ANCHOR	3/16" X 1" TH TAPCON	STEEL





DOOR MODELS

PLASTPRO, INC.
9 PEACH TREE HILL RD.
LIVINGSTON, NJ 07039

PRODUCT: DISTINCTION SERIES SMC INSWING FIBERGLASS PATIO DOOR
PART OR ASSEMBLY: PARTS LIST

REVISIONS

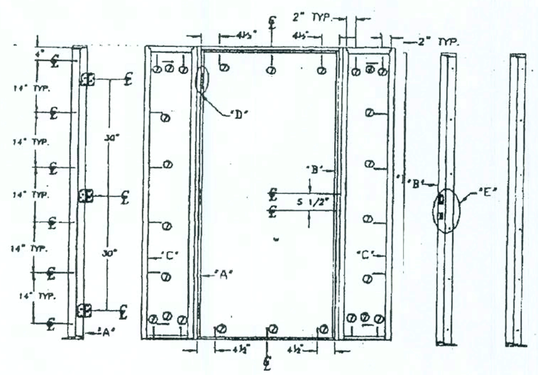
NO.	DATE	BY

RGW CONSULTING (813) 884-3831

DATE: 01/06/99
SCALE: N.T.S.
DWG. BY: R.P.P.
CHK. BY:
DRAWING NO.: 99-01
SHEET 4 OF 4

FINAL ANCHORING OF A WOOD FRAME UP TO 5'4 X 6'8
SINGLE INSWING UNIT W/WO SIDELITES
PRODUCT ACCEPTANCE No.: DSI222

SCREW SCHEDULE		
①	#10 X 5/8"	PHILLIPS FLAT HEAD
②	#10 X 1 3/4"	PHILLIPS FLAT HEAD
③	#10 X 2"	PHILLIPS FLAT HEAD
④	#10 X 3"	PHILLIPS FLAT HEAD



Product Acceptance No: DSI-222

Size: up to 5'4 x 6'8

	Configuration: X, OXO, XO, OX			
	Inswing (wood jamb)			
	2'0	2'4	2'6	2'8 / 3'0
Single Opaque W/Sidelites	+80 -80	+80 -80	+80 -80	+80 -80 / +80 -80
Single Glazed W/Sidelites (Door does not meet Missile Impact)	+75 -80	+64 -77	+60 -71	+60 -60 / +60 -60
				+56 -67 / +50 -60
				+50 -60 / +50 -60

Test # 210-1987, 210-2024 — Mfg. by: Nan Ya Plastics / Plastpro — Livingston, NJ 07039

REVISIONS :

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Maronda Homes

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

EXT. DOOR DETAILS

IN SWING-FIBERGLASS

RELEASE DATE:

SHEET: FD1

03 JUN 2003 09/03/33 D:\TEZ200\the boss\BUS+operation

DISTINCTION SERIES

SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
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. IMPACT RESISTANT SHUTTERS NOT REQUIRED
5. DESIGN PRESSURE RATING SHALL BE AS FOLLOWS:
   - FOR 6' 8" HIGH DOORS: SEE TABLE 1.
   - FOR FRAMES OVER 6' 8" UP TO 8' 0": SEE TABLE 2.

DISTINCTION SMC FIBERGLASS DOOR

DOOR LEAF CONSTRUCTION:

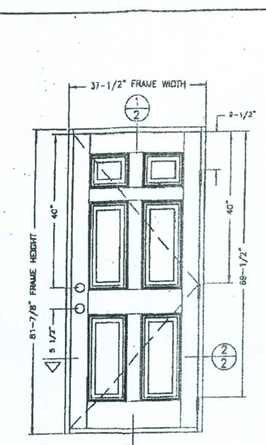
FACE SHEETS: EACH SLAB IS CONSTRUCTED FROM 0.075" THICK FIBERGLASS SKIN.

CORE DESIGN: THE INTERIOR CAVITY OF EACH DOOR IS FILLED WITH RIGID POLYURETHANE.

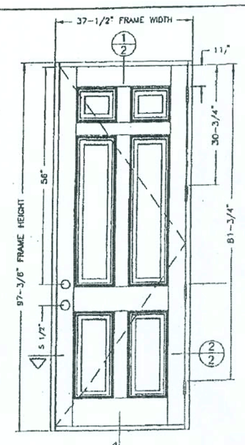
CONSTRUCTION: THE VERTICAL EDGES OF THE SLAB CONSIST OF GLUED INTERLOCKING FIBERGLASS JOINTS.THE HORIZONTAL EDGES CONSIST OF THE FIBERGLASS SKIN GLUED TO THE WOOD BLOCK AT TOP AND TO THE RIGID PVC FOAM INSERT AT BOTTOM.

TABLE OF CONTENTS

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



TYPICAL ELEVATION 6'-8" DOOR



TYPICAL ELEVATION 8'-0" DOOR

DESIGN PRESSURE RATING (TABLE #1)

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	+60 PSF	+60 PSF
NEGATIVE	-60 PSF	-60 PSF

DESIGN PRESSURE RATING (TABLE #2)

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	+50 PSF	+50 PSF
NEGATIVE	-55 PSF	-55 PSF

PLASTPRO, INC. 9 PEACH TREE HILL RD. LIVINGSTON, NJ 07039

PRODUCT: DISTINCTION SERIES SMC OUTSWING FIBERGLASS DOOR

PART OR ASSEMBLY: GENERAL NOTES AND ELEVATIONS

REVISIONS

RW CONSULTING (813) 684-3831

DATE: 01/08/99 SCALE: N.T.S. DWG. BY: R.P.P. CHK. BY: DRAWING NO.: 99-02 SHEET 1 OF 4

DISTINCTION SERIES

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

GENERAL NOTES

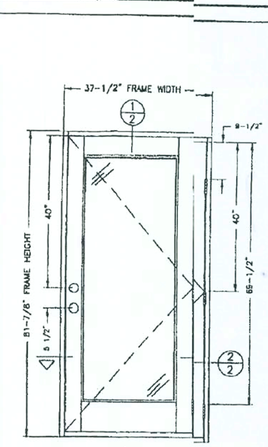
1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. IMPACT RESISTANT SHUTTERS ARE REQUIRED
5. DESIGN PRESSURE RATING SHALL BE AS FOLLOWS:
   - FOR 6' 8" HIGH DOORS: SEE TABLE 1.
   - FOR FRAMES OVER 6' 8" UP TO 8' 0": SEE TABLE 2.

DOOR LEAF CONSTRUCTION:

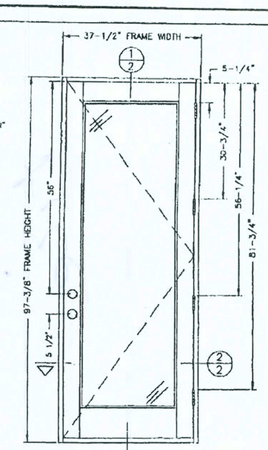
1. FACE SHEETS: EACH SLAB IS CONSTRUCTED FROM 0.075 THK. FIBERGLASS SKIN.
2. CORE DESIGN: THE INTERIOR CAVITY OF EACH DOOR IS FILLED WITH RIGID POLYURETHANE.
3. CONSTRUCTION: THE VERTICAL EDGES OF THE SLAB CONSIST OF GLUED INTERLOCKING FIBERGLASS JOINTS THE HORIZONTAL EDGES CONSIST OF THE FIBERGLASS SKIN, GLUED TO THE WOOD BUCK AT TOP AND TO THE RIGID PVC FOAM INSERT AT BOTTOM
4. GLAZING: 5/8" OVERALL THICKNESS INSULATED GLASS PANEL CONSISTING OF: TWO 1/8" TEMP. RED LITES AND ONE AIR SPACE
5. REINFORCING: ONE (1) "U" SHAPED STEEL REINFORCING CHANNEL MEASURING 1.591"x0.748"x0.079" THK. WAS LOCATED AT EACH PANEL STILE (8'-0" DOOR ONLY)

TABLE OF CONTENTS

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



TYPICAL ELEVATION 6'-8" DOOR



TYPICAL ELEVATION 8'-0" DOOR

DESIGN PRESSURE RATING (TABLE #1)

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	+50 PSF	+50 PSF
NEGATIVE	-60 PSF	-60 PSF

DESIGN PRESSURE RATING (TABLE #2)

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE	+60 PSF	+70 PSF
NEGATIVE	-70 PSF	-70 PSF

PLASTPRO, INC. 9 PEACH TREE HILL RD. LIVINGSTON, NJ 07039

PRODUCT: DISTINCTION SERIES SMC OUTSWING FIBERGLASS DOOR

PART OR ASSEMBLY: GENERAL NOTES AND ELEVATIONS

REVISIONS

RW CONSULTING (813) 684-3831

DATE: 02/09/99 SCALE: 3/4"=12" DWG. BY: R.P.P. CHK. BY: DRAWING NO.: 99-05 SHEET 1 OF 4

REVISIONS :

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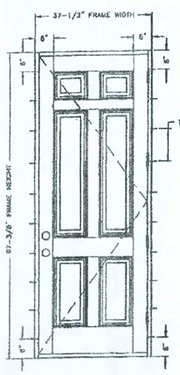
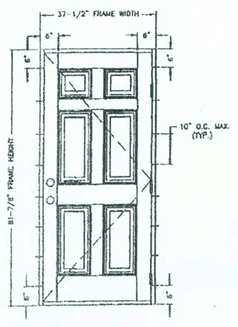
Maronda Homes

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



ANCHOR LAYOUT FOR 6'-0" DOOR



ANCHOR LAYOUT FOR 8'-0" DOOR

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

PLASTPRO, INC. 9 PEACH TREE HILL RD. LIVINGSTON, NJ 07039

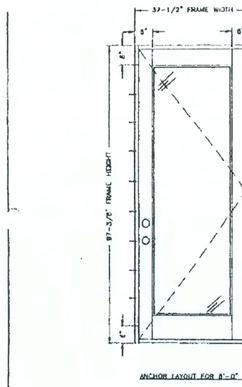
PRODUCT: DISTINCTION SERIES SMC OUTSWING FIBERGLASS DOOR

PART OR ASSEMBLY: ANCHORING LAYOUT

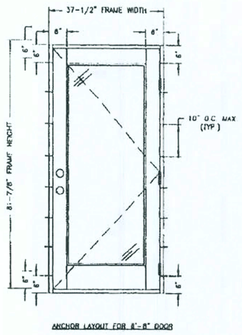
REVISIONS

RW CONSULTING (813) 684-3831

DATE: 02/08/99 SCALE: N.T.S. DWG. BY: R.P.P. CHK. BY: DRAWING NO.: 99-03 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 #8 SMS, 1-1/2" MIN. EMBEDMENT
2.) THRU 1BY WOOD BUCKS AND INTO MASONRY 3/16" DIA. TAPCONS WITH 1-1/4" MIN. EMBEDMENT

PLASTPRO, INC. 9 PEACH TREE HILL RD. LIVINGSTON, NJ 07039

PRODUCT: DISTINCTION SERIES SMC OUTSWING FIBERGLASS DOOR

PART OR ASSEMBLY: ANCHORING LAYOUT

REVISIONS

RW CONSULTING (813) 684-3831

DATE: 02/09/99 SCALE: N.T.S. DWG. BY: R.P.P. CHK. BY: DRAWING NO.: 99-05 SHEET 3 OF 4

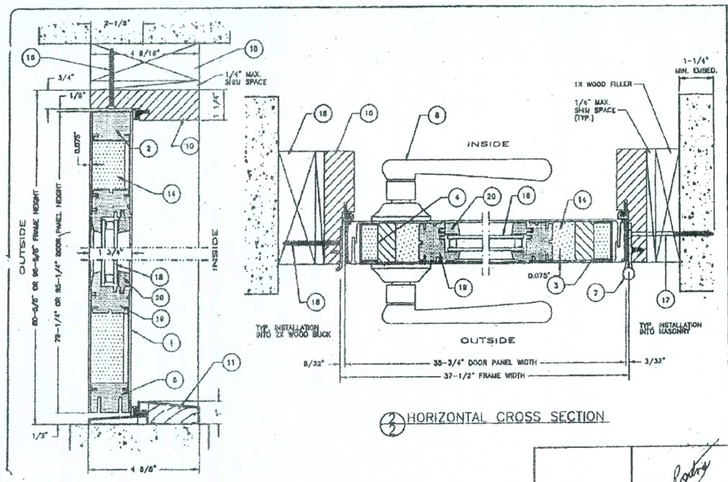
EXT. DOOR DETAILS

OUT SWING-FIBERGLASS

RELEASE DATE:

SHEET:

FD 2



1/2 VERTICAL CROSS SECTION

2/2 HORIZONTAL CROSS SECTION

PLASTPRO, INC. 9 PEACH TREE HILL RD. LIVINGSTON, NJ 07039

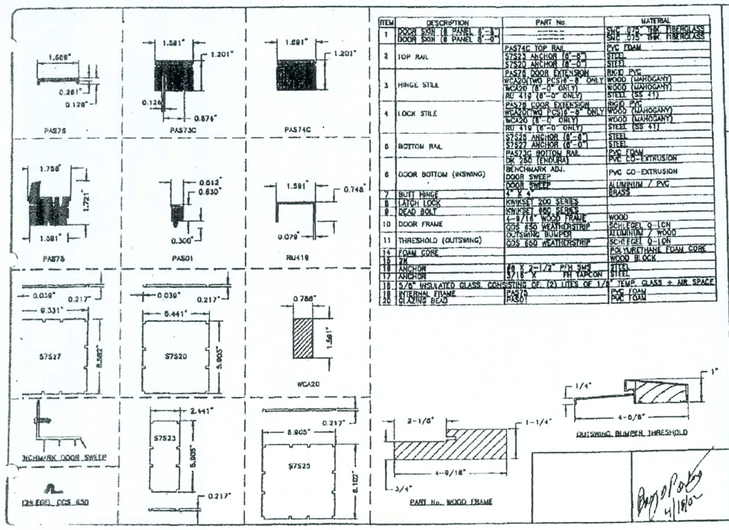
PRODUCT: DISTINCTION SERIES SMC OUTSWING FIBERGLASS DOOR

PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS

REVISIONS

RW CONSULTING (813) 684-3831

DATE: 01/08/99 SCALE: N.T.S. DWG. BY: R.P.P. CHK. BY: DRAWING NO.: 99-03 SHEET 3 OF 4



ITEM	DESCRIPTION	PART No.	MATERIAL
1	DOOR SKIN (8' PANEL 6'-8")	----	SMC 075" THK FIBERGLASS
	DOOR SKIN (8' PANEL 8'-0")	----	SMC 075" THK FIBERGLASS
2	TOP RAIL	PAS74C TOP RAIL	PVC FOAM
		S7523 ANCHOR (6'-8")	STEEL
		S7525 ANCHOR (8'-0")	STEEL
3	HINGE STILE	PAS76 DOOR EXTENSION	RIGID PVC
		WCA20 (TWO PCS)-8' ONLY	WOOD (MAHOGANY)
		WCA19 (8'-0" ONLY)	WOOD (MAHOGANY)
		RU 419 (8'-0" ONLY)	STEEL (SS 41)
4	LOCK STILE	PAS76 DOOR EXTENSION	RIGID PVC
		WCA20 (TWO PCS)-8' ONLY	WOOD (MAHOGANY)
		WCA19 (8'-0" ONLY)	WOOD (MAHOGANY)
		RU 419 (8'-0" ONLY)	STEEL (SS 41)
5	BOTTOM RAIL	S7525 ANCHOR (8'-0")	STEEL
		S7527 ANCHOR (6'-8")	STEEL
		PAS75C BOTTOM RAIL	PVC FOAM
6	DOOR BOTTOM (INSWING)	SC 250 (INSWING)	SCHLEGEL Q-LON
		BENCHMARK ADJ. DOOR SWEEP	PVC CO-EXTRUSION
7	BUTT HINGE	4-BB 4	ALUMINUM / PVC
8	LATCH LOCK	KWIKSET 200 SERIES	BRASS
9	DEAD BOLT	KWIKSET 660 SERIES	
10	DOOR FRAME	4-9/16" WOOD FRAME	WOOD
11	THRESHOLD (OUTSWING)	CCS 550 WEATHERSTRIP	SCHLEGEL Q-LON
		OUTSWING BUMPER	ALUMINUM / WOOD
		CCS 550 WEATHERSTRIP	SCHLEGEL Q-LON
14	FOAM CORE		POLYURETHANE FOAM CORE
15	2X		WOOD BLOCK
16	ANCHOR	#8 X 2-1/2" PZH SMS	STEEL
17	ANCHOR	3/16" X 1" FH TAPCON	STEEL
18	5/8" INSULATED GLASS CONSISTING OF: (2) LITES OF 1/8" TEMP. GLASS + AIR SPACE		
19	INTERNAL FRAME	PAS75	PVC FOAM
20	GLAZING BEAD	PAS01	PVC FOAM

PLASTPRO, INC. 9 PEACH TREE HILL RD. LIVINGSTON, NJ 07039

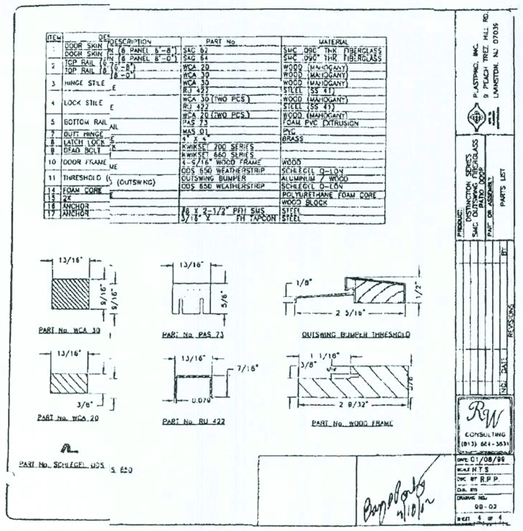
PRODUCT: DISTINCTION SERIES SMC OUTSWING FIBERGLASS DOOR

PART OR ASSEMBLY: PARTS LIST

REVISIONS

RW CONSULTING (813) 684-3831

DATE: 01/08/99 SCALE: N.T.S. DWG. BY: R.P.P. CHK. BY: DRAWING NO.: 99-05 SHEET 4 OF 4



ITEM	DESCRIPTION	PART No.	MATERIAL
1	DOOR SKIN (8' PANEL 6'-8")	----	SMC 075" THK FIBERGLASS
	DOOR SKIN (8' PANEL 8'-0")	----	SMC 075" THK FIBERGLASS
2	TOP RAIL (8' PANEL 6'-8")	WCA 30	WOOD (MAHOGANY)
	TOP RAIL (8' PANEL 8'-0")	WCA 20	WOOD (MAHOGANY)
3	HINGE STILE	WCA 30	WOOD (MAHOGANY)
		WCA 20	WOOD (MAHOGANY)
4	LOCK STILE	RU 422	STEEL (SS 41)
		WCA 30 (TWO PCS)	WOOD (MAHOGANY)
5	BOTTOM RAIL	RU 422	STEEL (SS 41)
		WCA 20 (TWO PCS)	WOOD (MAHOGANY)
6	BOTTOM RAIL	PAS 73	FOAM PVC EXTRUSION
7	BUTT HINGE	MBB 01	4"
8	LATCH LOCK	4-BB 4	BRASS
9	DEAD BOLT	KWIKSET 200 SERIES	
		KWIKSET 660 SERIES	
10	DOOR FRAME	4-9/16" WOOD FRAME	WOOD
11	THRESHOLD (OUTSWING)	CCS 550 WEATHERSTRIP	SCHLEGEL Q-LON
		OUTSWING BUMPER	ALUMINUM / WOOD
		CCS 550 WEATHERSTRIP	SCHLEGEL Q-LON
14	FOAM CORE		POLYURETHANE FOAM CORE
15	2X		WOOD BLOCK
16	ANCHOR	#8 X 2-1/2" PZH SMS	STEEL
17	ANCHOR	3/16" X 1" FH TAPCON	STEEL

PLASTPRO, INC. 9 PEACH TREE HILL RD. LIVINGSTON, NJ 07039

PRODUCT: DISTINCTION SERIES SMC OUTSWING FIBERGLASS DOOR

PART OR ASSEMBLY: PARTS LIST

REVISIONS

RW CONSULTING (813) 684-3831

DATE: 01/08/99 SCALE: N.T.S. DWG. BY: R.P.P. CHK. BY: DRAWING NO.: 99-03 SHEET 4 OF 4

02 JUN 2003 0503-55 2x12x200kWhite blocks/Nb2x24-penetration