

CHESAPEAKE - K

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: $GCP \pm \pm / - 0.18$

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, SST D 12, ANSI/DASMA 115 (FOR GARAGE DOORS) OR TAS201, 202 AND 203 . (FRC 2004, SECTION R301.2.1.2)

INDEX OF DRAWINGS

SHEET NO.	TITLE
ARCH - ARCHITECTURALS	
0	COVER SHEET
1	EXTERIOR ELEVATIONS
2	FOUNDATION PLAN
3	FLOOR PLAN
WU	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	DHWV PLUMBING ISOMETRIC
ISO-W	CF-PVC WATER ISOMETRIC
ARCH - STANDARD DETAILS	
FTG	STANDARD DETAILS - FOOTINGS
WS-BI	STANDARD DETAILS - WALL SECTION
SDI	STANDARD DETAILS
SDD	STANDARD DETAILS - DOORS
SDW	STANDARD DETAILS - WINDOWS
SDH	STANDARD DETAILS - HEATING



Maronda Homes

AMERICANA COVER SHEET
CHESAPEAKE

ELEVATION "K"

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 11-02-04

125 MPH

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

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

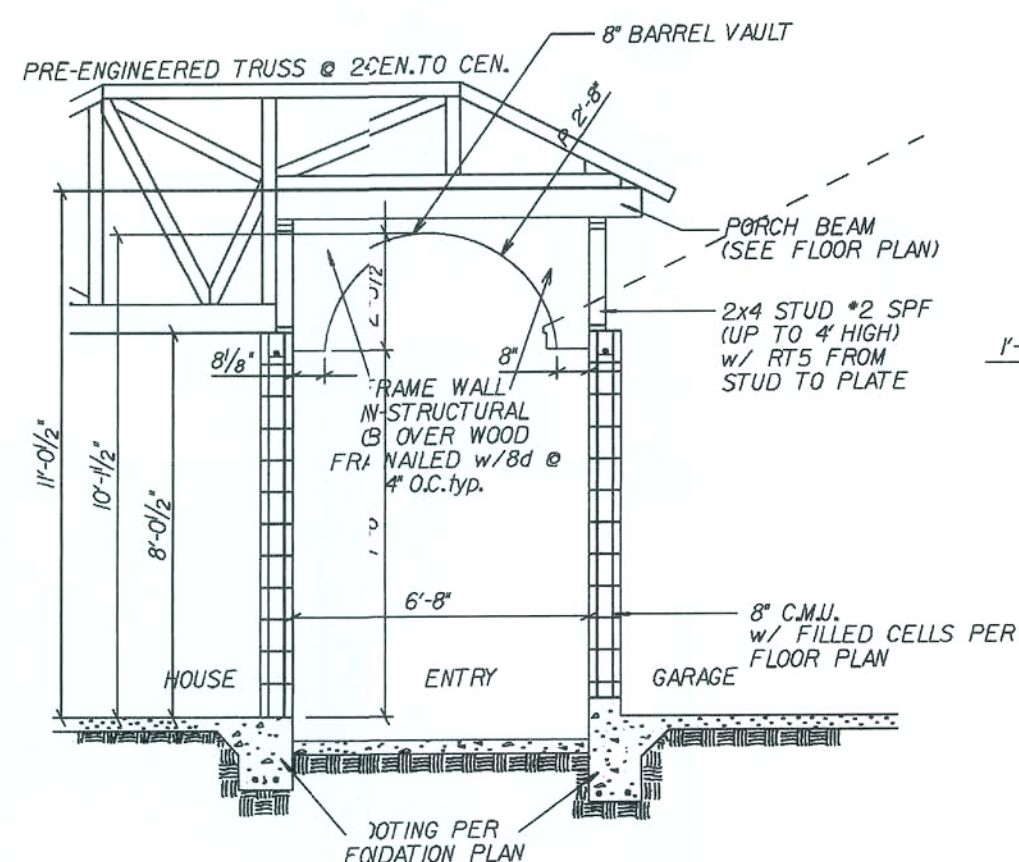
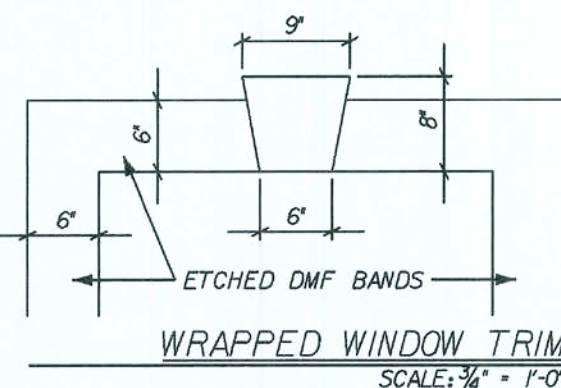
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SHEET:

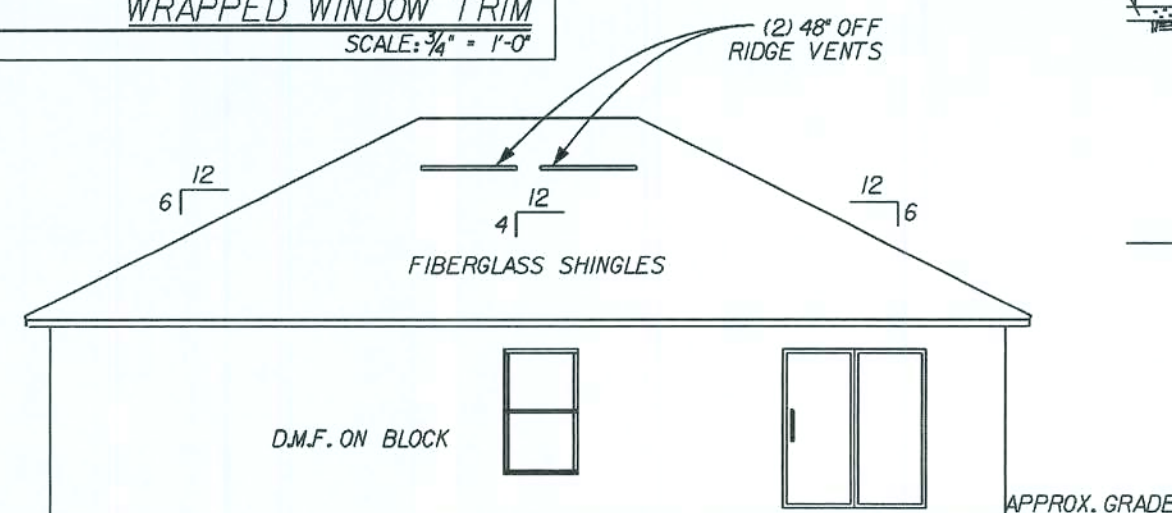
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REVISÉD 01-05-06

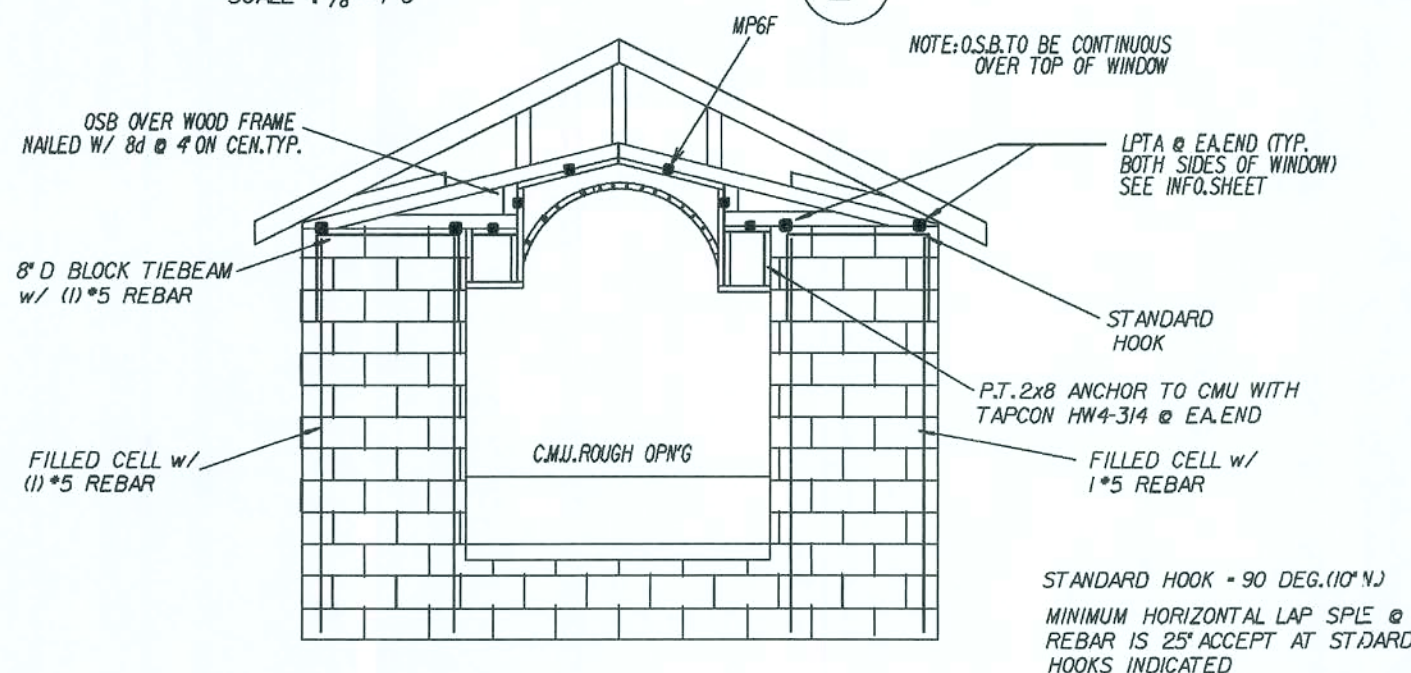
1. DMF + DECO MASONRY/STUCCO FINISH SHALL COMPLY WITH THE REQUIREMENTS OF ASTM C926 AND C1063.
2. EAVE & GABLE OVERHANGS 12" ALUM FINISH AND SOFFITS. PLUMB CUT WITH LEVEL RETURNS.
3. 3/8" MIN. THICKNESS DMF OVER LATH/FRAME AND 1/2" MIN. THICKNESS OVER BLOCK
4. DMF/STUCCO INSTALLED OVER PAPER-BACKED LATH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



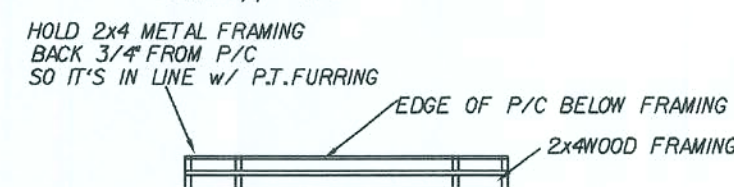
SECTION @ RAISED ENTRY



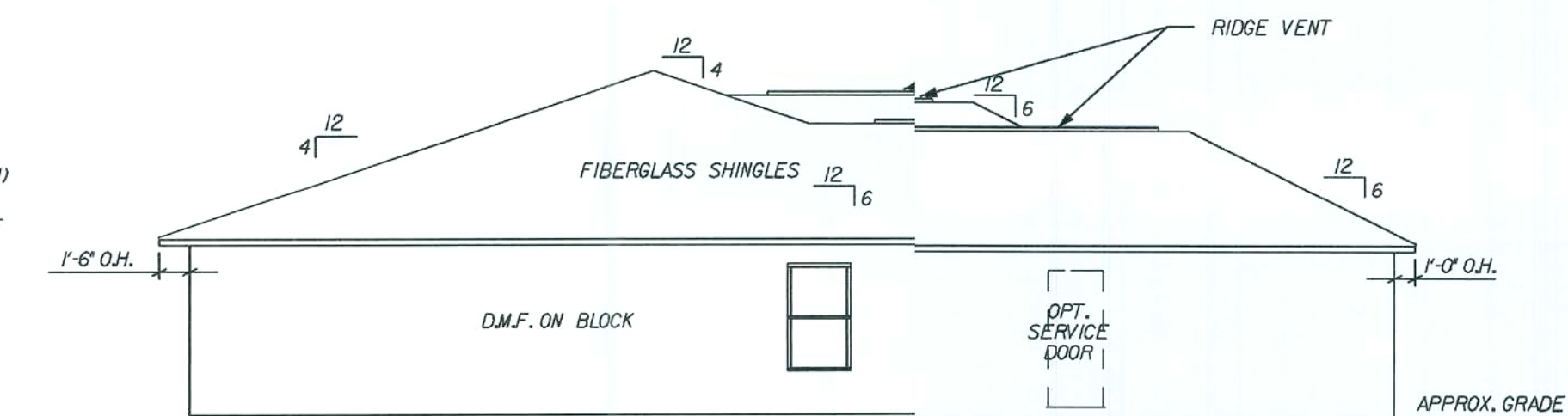
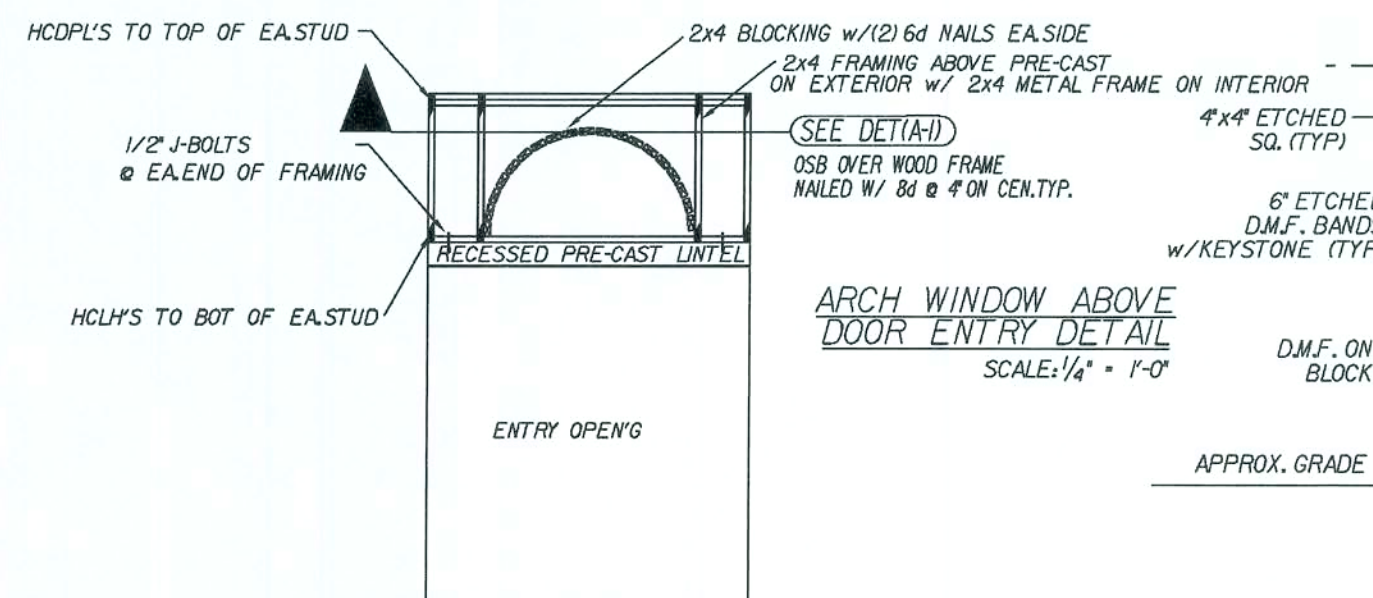
REAR ELEVATION
SCALE : $1/8" = 1'-0"$



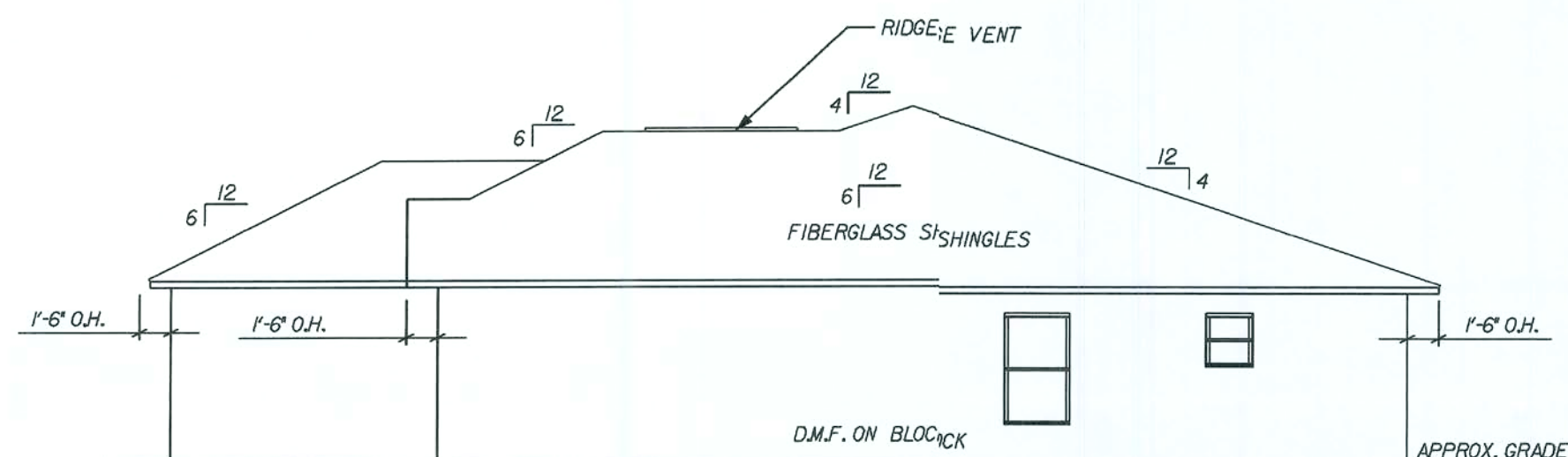
DETAIL ARCH WINDOW @ BEDROOM 2
SCALE: $\frac{1}{4}" = 1'-0"$



DET.A-1

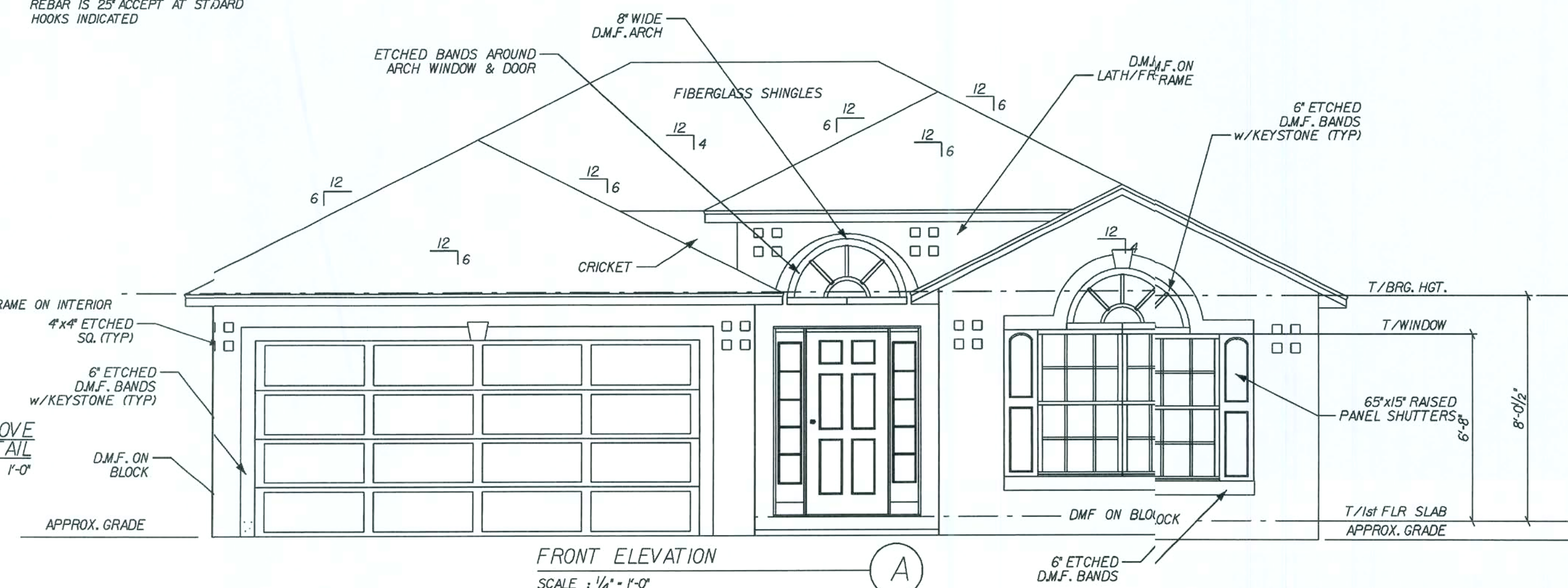


LEFT ELEVATION
SCALE : $\frac{1}{8}" = 1'-0"$



RIGHT ELEVATION

SCALE : $\frac{1}{8}" = 1'-0"$



FRONT ELEVATION

SCALE : $\frac{1}{4}" = 1'-0"$

REVIEWS

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Maronda Homes

4071 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

001 checker 31\check{c}h\check{e}c\check{e}r\check{e}k\check{o}

AMERICANA	EXT. ELEVATION
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100
11	110
12	120
13	130
14	140
15	150
16	160
17	170
18	180
19	190
20	200
21	210
22	220
23	230
24	240
25	250
26	260
27	270
28	280
29	290
30	300
31	310
32	320
33	330
34	340
35	350
36	360
37	370
38	380
39	390
40	400
41	410
42	420
43	430
44	440
45	450
46	460
47	470
48	480
49	490
50	500
51	510
52	520
53	530
54	540
55	550
56	560
57	570
58	580
59	590
60	600
61	610
62	620
63	630
64	640
65	650
66	660
67	670
68	680
69	690
70	700
71	710
72	720
73	730
74	740
75	750
76	760
77	770
78	780
79	790
80	800
81	810
82	820
83	830
84	840
85	850
86	860
87	870
88	880
89	890
90	900
91	910
92	920
93	930
94	940
95	950
96	960
97	970
98	980
99	990
100	1000

CHIPS A PRAKKE

ELEVATION "K"

GARAGE: 1 FET

RELEASE DATE: 11-02-04

19.52.31

Maronda Systems
4005 Maronda Way
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(407)321-0064


Elmer Bergman, P.E.
License No. 50158

MAY 23 2008

SHEET:

11K

PILOT DATE: 15 JAN 2008

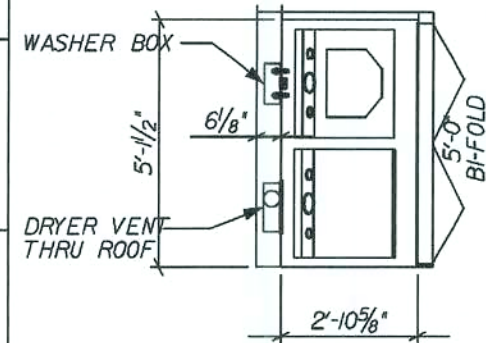
GENERAL FIRST FLOOR NOTES:
ALL EXTERIOR WALLS SHALL BE CONSIDERED SHEAR WALLS MINUS ALL WINDOW AND DOOR OPENINGS.
EXTERIOR WALLS TO BE 7 1/2" CONCRETE BLOCK W/ PT. FURRING STRIPS IN A/C AREA TOTAL WIDTH = 8".
EXTERIOR OPENING DIMENSIONS ARE TO FACE OF MASONRY OPENING.
INTERIOR LOAD BEARING WALLS TO BE 2x4 WOOD FRAME WALLS W/ STUDS @ 16" O.C. SEE STRUCTURAL WALL SCHEDULE SHEET # TRI
INTERIOR NON-LOAD BEARING WALLS TO BE NOMINAL 5/8" MTL STUD, 25 GA. UJMO.
ALL WOOD NOT SEPARATED 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-CONCRETE.
ALL COMPOSITE BEAMS OVER WINDOW AND DOOR OPENINGS SHALL BE 10" DEEP WITH 16" NOMINAL HEIGHT. SHALL CONSIST OF AN 8" TOP COURSE (BOND BEAM BLOCK) FILLED W/ 3000 PSI CONCRETE W/ (1) GRADE 40 CONTINUOUS HORIZ. #5 REBAR AND AN 8" HIGH STRENGTH PRECAST LINTEL LOWER COURSE WHICH SHALL BE UNFILLED, UNDO. FOR FILLED PRECAST LINTELS, USE 3000 PSI CONCRETE W/ 1% 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 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 # WJ FOR WINDOW AND LINTEL SCHEDULES AND DETAILS
1) 2x4 STUD, EACH SIDE OF OPENING (NO STRAPPING REQUIRED, UNDO)
HOR TO BE NO. 2 SYP SEE PLAN FOR SIZE
ALL DRYWALL TO BE 1/2" THICK, UNDO.
SC DOOR - MIN. 1 3/8" THICK SOLID CORE DOOR

SQUARE FOOTAGE:

1st FLOOR LIVING	1637 SQ. FT.
GARAGE AREA	403 SQ. FT.
COVERED ENTRY	27 SQ. FT.
TOTAL AREA	2067 SQ. FT.
TOTAL W/ 2' GAR. EXT.	2107 SQ. FT.

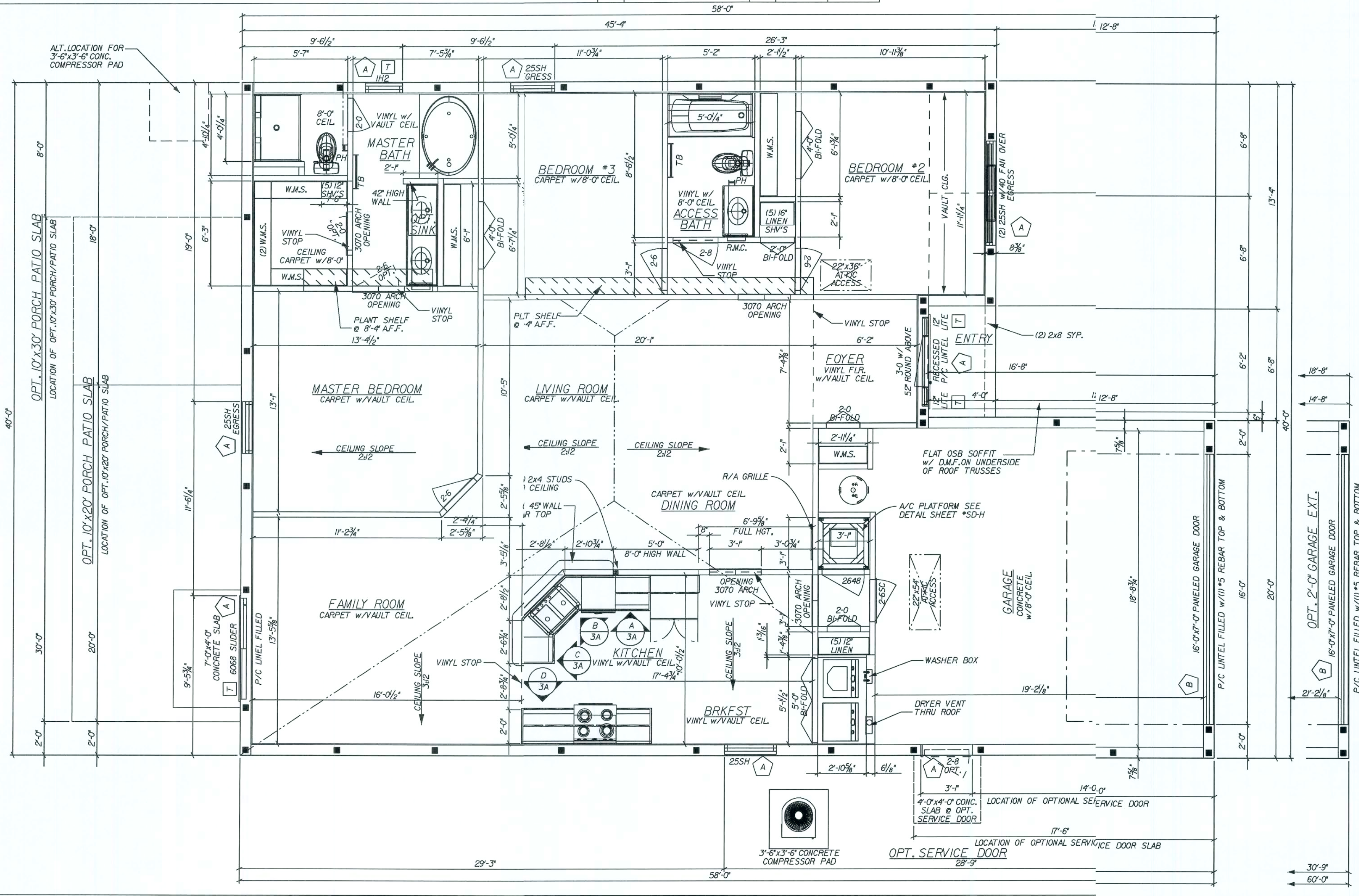
OPENING PRESSURES 125 mph

A	B	C	D	E
+281 / -305	+237 / -276	+281 / -316	+249 / -297	+242 / -271



OPT. LAUNDRY

ALL SWING DOORS IN BLOCK USE 2x DOOR BUCK DETAIL D/SD-D



REVISIONS:

12-18-06	REV. SERVICE DOOR SWING
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AMERICANA FLOOR PLAN

CHESAPEAKE

ELEVATION - K, M

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 11-02-04 125 MPH

Maronda Homes

FLORIDA

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

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004, RESIDENTIAL AND 2005, 2006 SUPPLEMENT FOR 125 MPH - 3 SEC. GUST, H.O. EXPOSURE B, ENCLOSED BUILDING. TO WITHSTAND ALL APPLICABLE LOADS.

Maronda Systems
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(407) 321-0064

Elmer Bergman, P.E.
License No. 50158

MAY 23 2008

SHEET: 3

08-14-07 REV. CODE INFORMATION

09-52333

PLOT DATE: 15 JAN 2008

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

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 2 3/4": 4 FASTENERS IN EACH SIDE JAMB
NOTE 7) 438 WINDOW INTO FRAME OPENING: *10 X 1 3/4" SCREWS
NOTE 8) SGD FASTENED WITH: *10 1 3/4" PANHEAD ALL HOLES SILLS 3/16" X 1 3/4" ANCHORS EVERYHOLE

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 TOP OF SILL TO PRECAST.
1st DIMENSION 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							

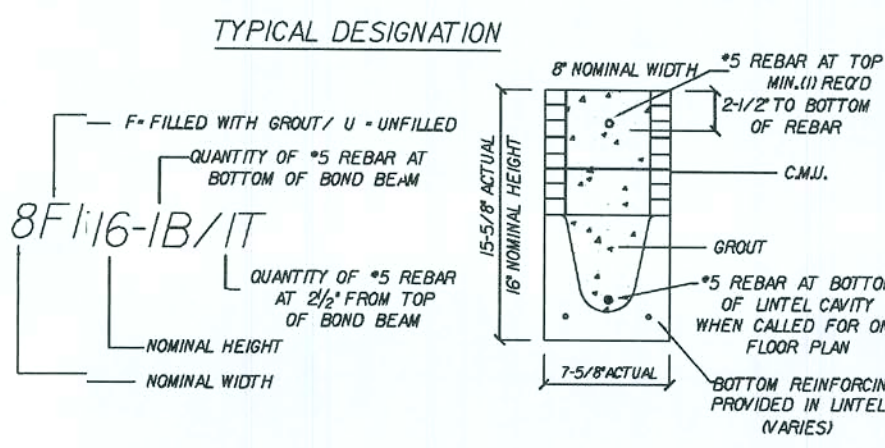
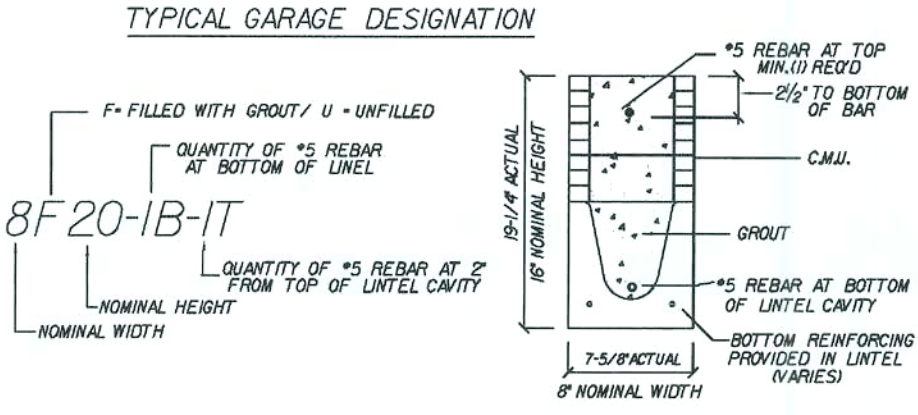
HALF ROUND MULLED TO UNIT - SERIES (MO)437 - (FO)438 OPENINGS

SIZE	4	SINGLE M.O.	FAST.
(2) 25 w/ 4'-0" CT	74 3/4" X 89 7/8"	2,5,7	

SPECIALITY WINDOWS - SERIES (MO)437 - (FO)438 OPENINGS

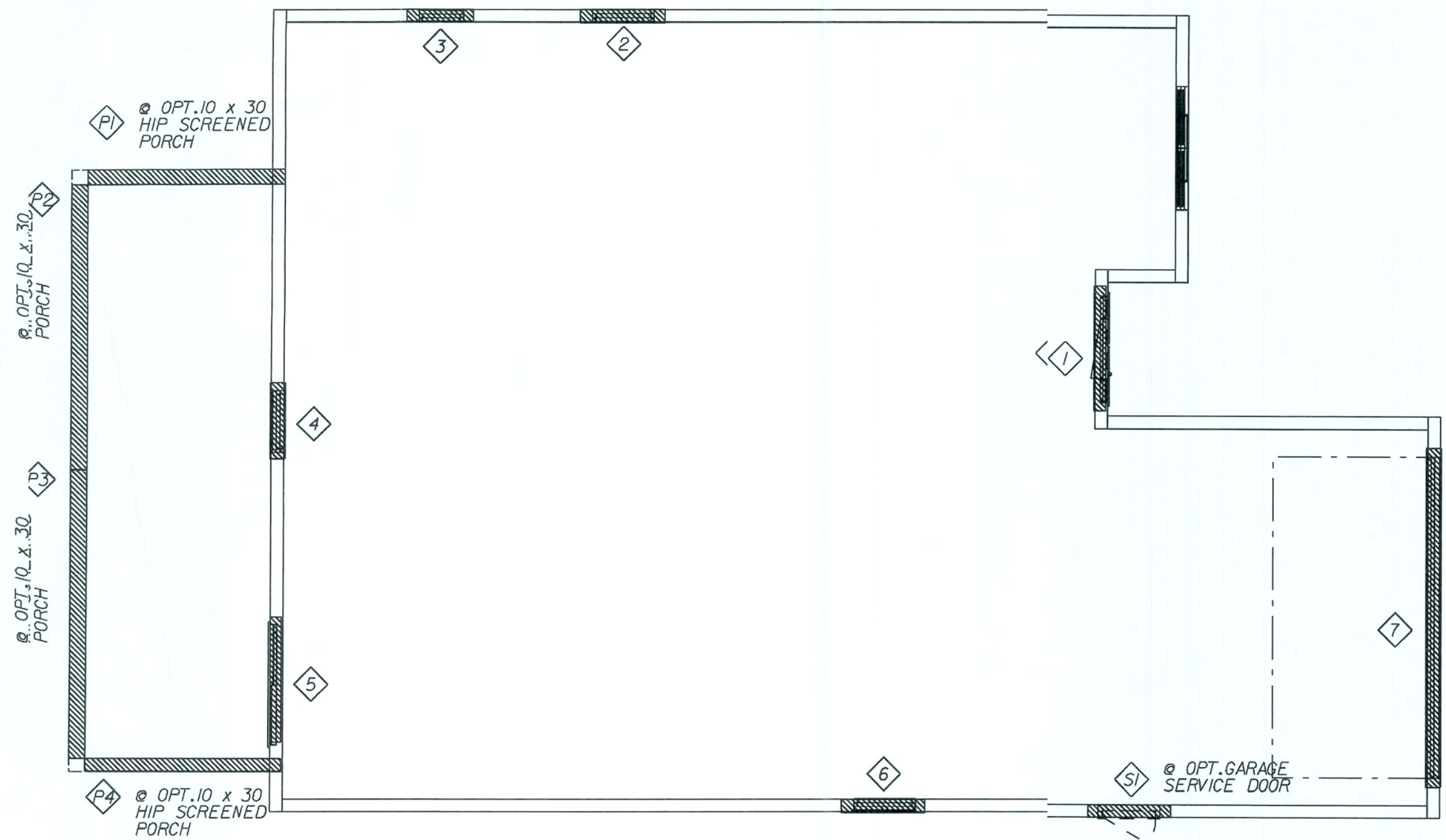
SIZE	SINGLE F.O.	FAST.
3'-0" HALF ROUND	27 1/4" X 26"	1,4

- MATERIALS**
1. f'c recast lintels = 3500 psi.
 2. f'c prestressed lintels = 6000 psi.
 3. f'c out = 3000 psi w/ maximum 3/8" aggregate.
 4. Concrete masonry units (CMU) per ASTM 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.



CAST-CRETE LINTEL SCHEDULE

LINTEL NO.	LENGTH	TYPE	APPLIED LOADS (PLF)		SAFE LOADS		COMMENT
			GRAVITY	UPLIFT	GRAVITY	UPLIFT	
1	7'-0"	8F6-OB/IT	320	430	755	506	RECESSED
2	4'-6"	8U16-OB/IT	672	630	1599	2724	-
3	4'-6"	8U16-OB/IT	116	198	1599	2724	-
4	4'-6"	8U16-OB/IT	705	344	1599	2724	-
5	7'-6"	8F16-OB/IT	705	379	2632	1634	-
6	4'-6"	8U16-OB/IT	672	630	1599	2724	-
7	17'-4"	8F20-1B/IT	100	234	1326	520	GARAGE DOOR
S1	4'-6"	8U16-OB/IT	672	619	1599	2724	@ OPT. GARAGE SERVICE DR.
P1	10'-6"	8F8-OB/IT	533	429	643	530	@ OPT. PORCH
P2	14'-8"	8F8-OB/IT	109	184	458	246	@ OPT. PORCH
P3	14'-8"	8F8-OB/IT	109	184	458	246	@ OPT. PORCH
P4	10'-6"	8F8-OB/IT	533	429	643	530	@ OPT. PORCH



THE SPECIFIED LINTELS ON SHEET WLI 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 WLI LINTEL SCHEDULE.

REVISED 12/29/04

REVISED 04-02-07

REVISIONS:

02-21-06	REV. LINTEL #1
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08-14-07 REV. CODE INFORMATION

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Maronda Homes

FLORIDA

4005 MARONDA WAY SANFORD, FL 32771

(407) 321-0064

FLORIDA

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004, RESIDENTIAL AND 2005, COMMERCIAL. FOR ANY CHANGES, ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS.

FLORIDA

AMERICANA WINDOW/LINTEL

CHESAPEAKE

ELEVATION - K, M

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 11-02-04

125 MPH

09-52-34

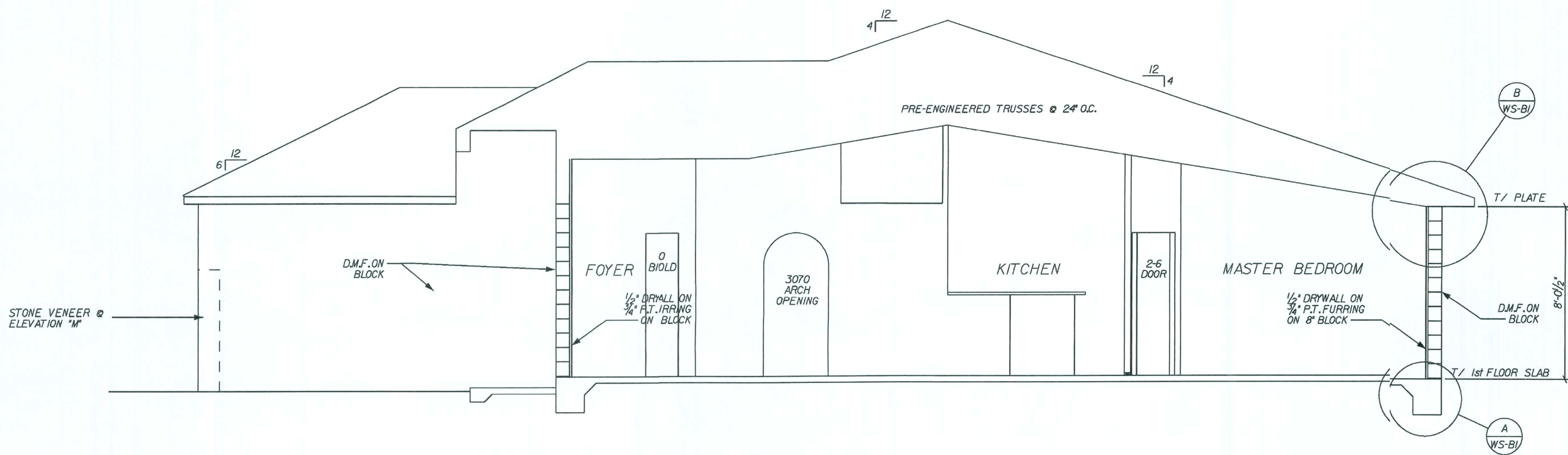
PLOT DATE: 15 JAN 2008

Maronda Systems
4005 Maronda Way
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(407) 321-0064

Elmer Bergman, P.E.
License No. 50158

MAY 23 2008

SHEET:
WLI



A CROSS SECTION

REVISIONS :

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

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

PA\YN\0505es_05\chESApeake\std\chE-KrCSU

AMERICANA SECTION

CHESAPEAKE

ELEVATIONS - K, M

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 11-02-04

09:52:35

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

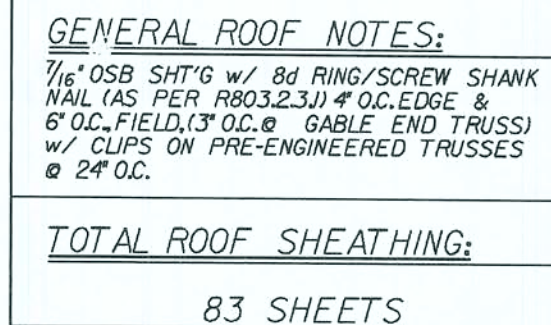
Elmer Bergman
 Elmer Bergman, P.E.
 License No. 50158
 MAY 23 2008

SHEET:

CSU

PLOT DATE: 15 JAN 2008

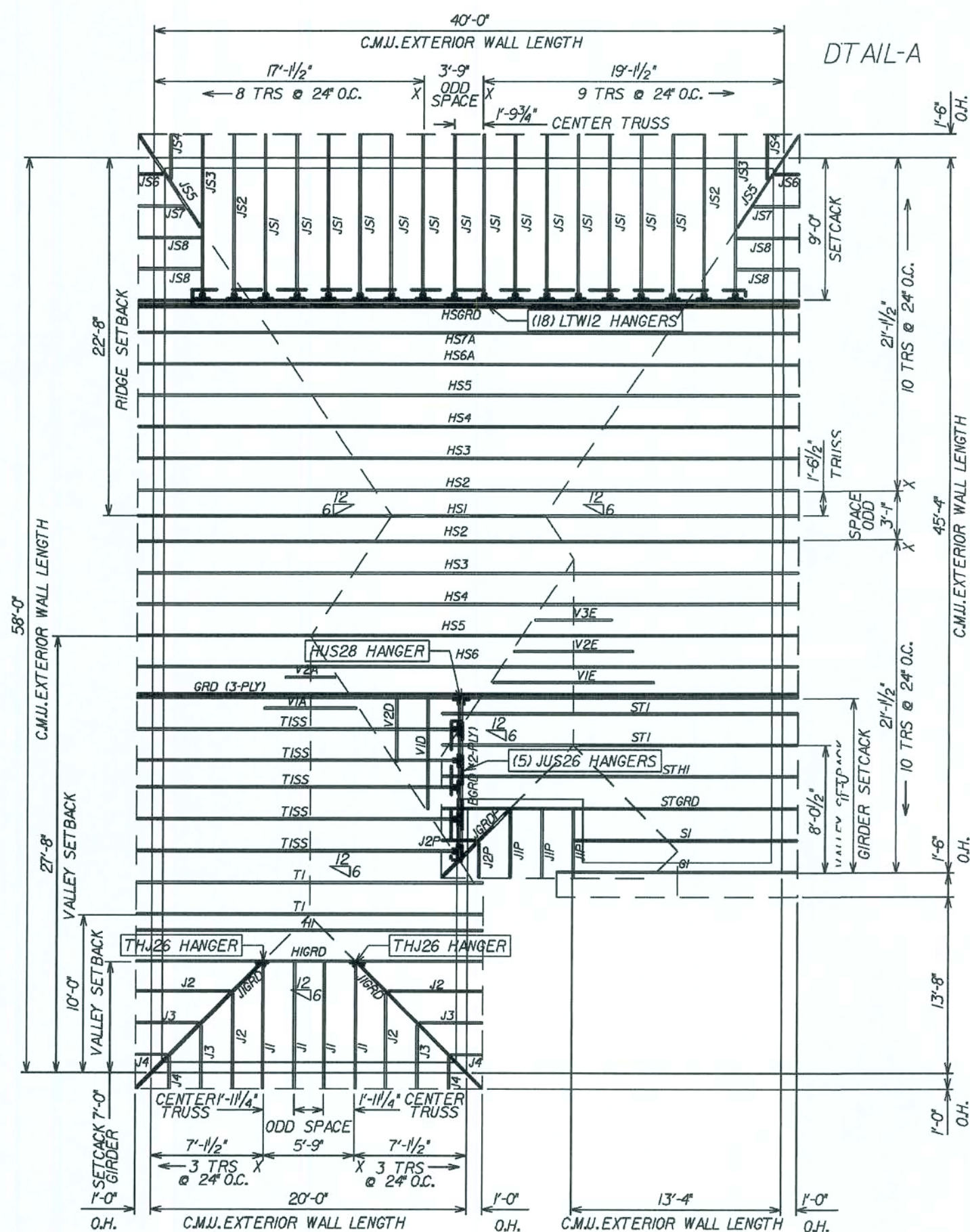
FLORIDA BUILDING CODE 2004 : RESIDENTIAL



NOTE:
SOFFIT ALONE SATISFIES FB BCR 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.

RS/

PLOT DATE: 15 JAN 2008



ALL HARDWARE MANUFACTURED BY USP XXXX¹
ALL HARDWARE MANUFACTURED BY SIMPSON XXXX²
ALL HARDWARE MANUFACTURED BY CLEVELAND XXXX

2. ROOF TRUSS LOADING:
16 psf TOP CHORD LL
7 psf TOP CHORD DL
10 psf BOTTOM CORD LL
10 psf BOTTOM CHORD DL
43 psf TOTAL LOAD

3. PROVIDE TRUSS BRACING PER TRUSS
ENGINEERING & BCSI-03

TRIK

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

elecitem REPORT

Thu Jan 13 09:42:18 2005

p:*f1*houses 05*chesapeake3*electrical*che.ele

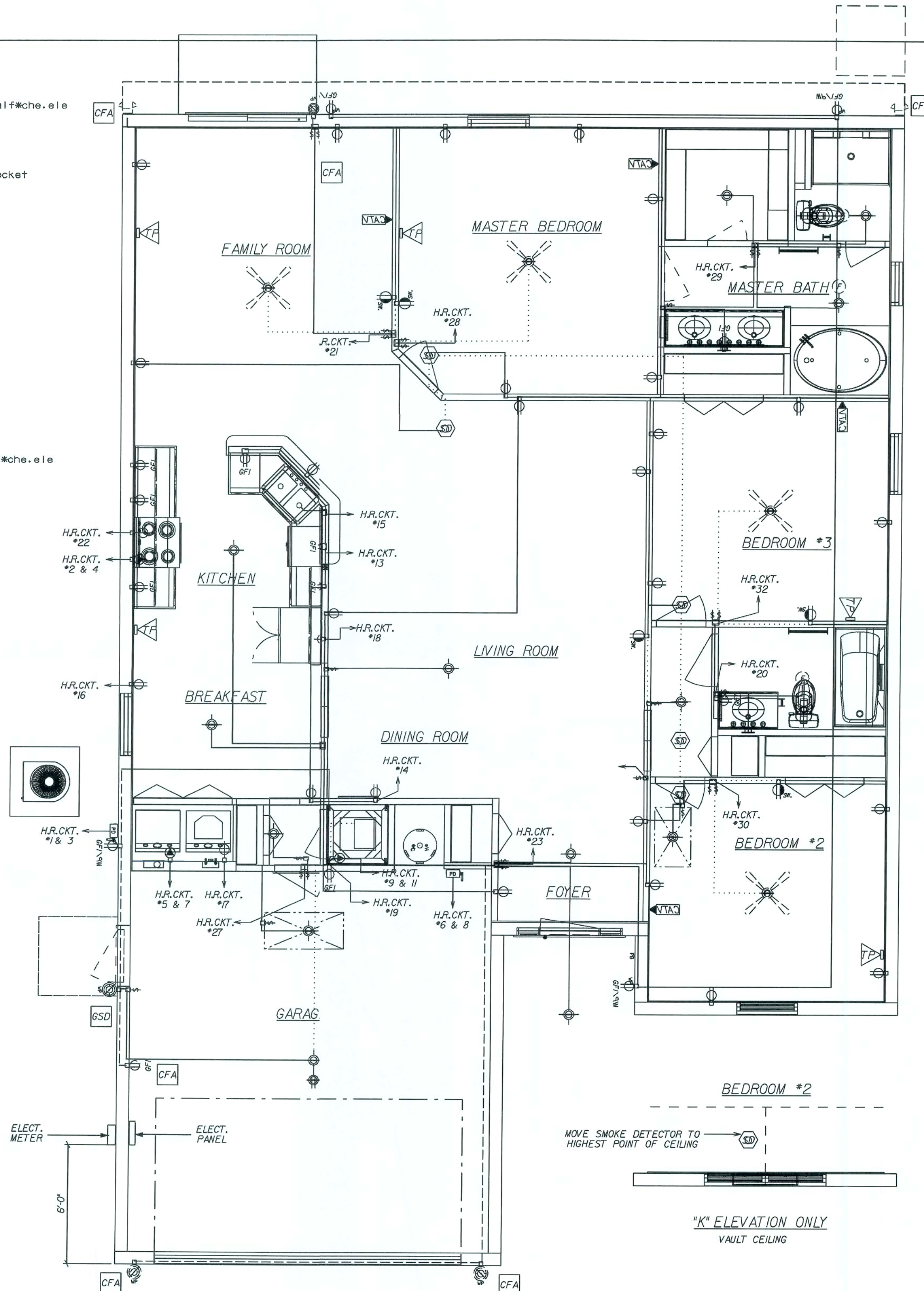
QUANTITY	DESCRIPTION
28	1451 Single Pole Switch
1	200 Amp Panel
3	220 V. Special Receptacle
1	ANC U200 - Underground Meter Socket
1	CLN B344A - 3 Gang Box
15	CLN B620H - Octagon Hanger
4	Ceiling Fan (By Others)
1	Deluxe Broadway 2' P3298-10
1	Deluxe Broadway 4' P3300-15
1	Door Bell Buzzer
35	Duplex Receptacle
3	Exhaust Fan
1	Exterior WP Lamp
4	G.F.I. Receptacle
12	H-7T Overhead Light
1	H-7T-Rec Lht
2	Power Disconnect Switch
60	RAC 7302 - 1 Gang Box
9	RAC 7835 - 2 Gang Box
1	Rear Door WP Lamp
1	Single Receptacle
5	Smoke Detector
5	Switched Receptacle
5	Telephone Outlet

elecInth REPORT

Thu Jan 13 09:42:18 2005

p:*f1*houses 05*chesapeake3*electrical*che.ele

QUANTITY	DESCRIPTION
131'	10 Gauge/3 Cond. Copper
327'	12 Gauge/2 Cond. Copper
1833'	14 Gauge/2 Cond. Copper
211'	14 Gauge/3 Cond. Copper
74'	6 Gauge/3 Cond. Copper



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 210.2

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

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

LIST OF OPTIONS:

CFA OPTIONAL COACH LIGHTS, (2) FLOOD LIGHTS AT REAR AND GARAGE OUTLET
REVISED 11-18-05

GSD OPTIONAL DOOR LIGHT
REVISED 11-18-05

ELECTRICAL SYMBOL LEGEND:

REGULAR TEXT	REVERSE TEXT	DESCRIPTION
PS	PS	Power Disconnect Switch
DB	DB	Door Bell Chime
DB	DB	Door Bell Buzzer
CF	CF	Ceiling Fan (By Others)
SD	SD	Smoke Detector
LF	LF	Light Fixture Bath
EL	EL	Exterior WP Lamp
SP	SP	Single Pole Switch
3W	3W	Three Way Switch
SR	SR	Single Receptacle
DR	DR	Duplex Receptacle
GFI	GFI	GFI Receptacle
SW	SW	Switched Receptacle
220	220	220 V. Special Receptacle
CL	CL	Ceiling Ltg. Fixture
RF	RF	Recessed Ltg. Fixture
EF	EF	Exhaust Fan
CTV	CTV	Cable TV
TO	TO	Telephone Outlet
FL	FL	Flood Lights
EF/UL	EF/UL	Exhaust Fan / Light Combo

The 2007 Florida Statutes

5553.885 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.

AMERICANA

ELECTRIC LAYOUT

CHESAPEAKE

Maronda Homes

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

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 11-02-04

09/27/01

REVISIONS:

02-03-06 REVISED MASTER BATH LIGHT

04-17-06 REVISED EXT. PWR. DISC. @ A/C

04-26-06 RELOC'D S/D @ MAS. BR.

01-25-07 ELM. SMOKE DETECT. HOME RUN.

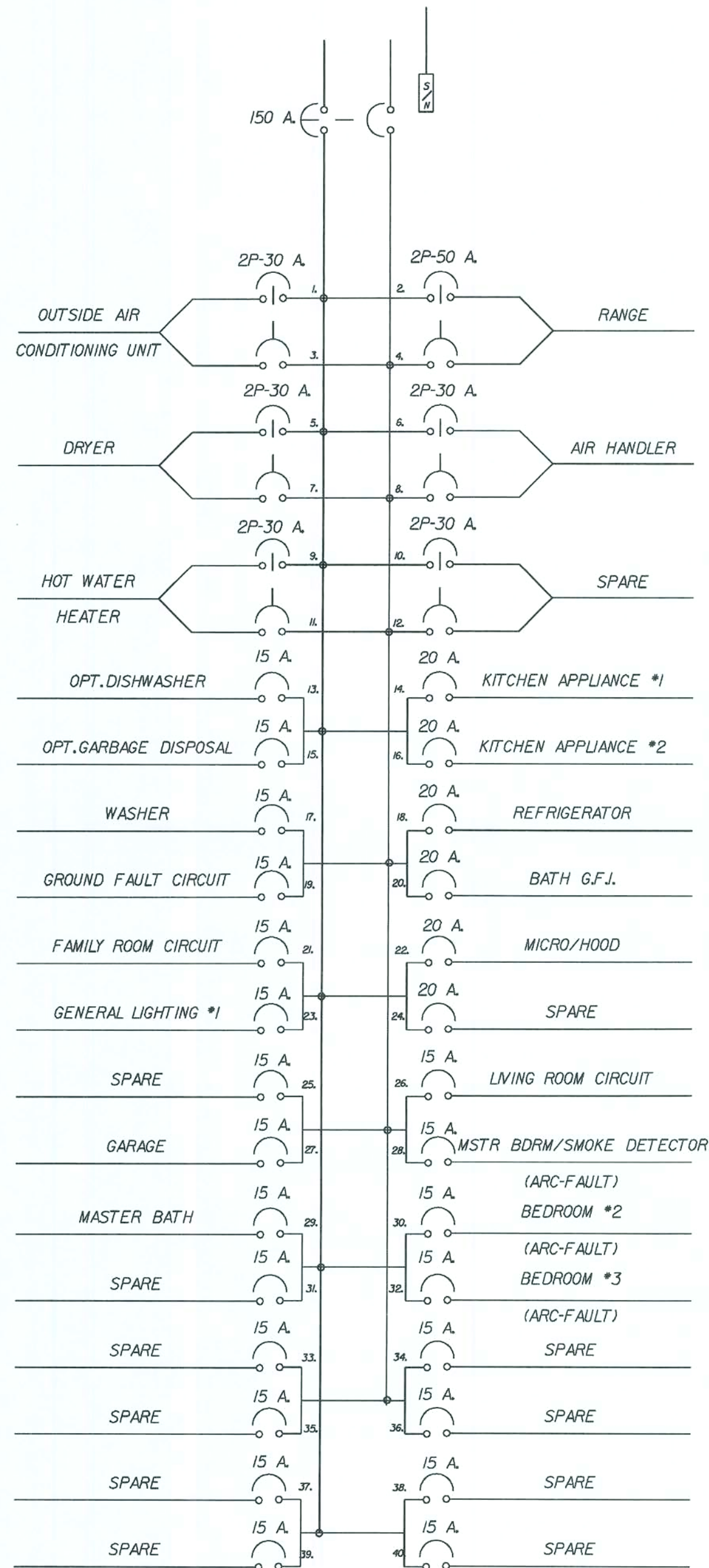
02-19-07 ADD SMOKE DETECTOR TO MASTER BEDROOM

07-23-07 ADDED ELEV. 'K' TO ELECT. PLAN

SHEET:

ELI

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

MODEL: CHESAPEAKE 3

11/28/06

VOLT/AMPS

LARGEST LOAD: HEAT PUMP W/ SUPPLEMENTAL HEAT

9032

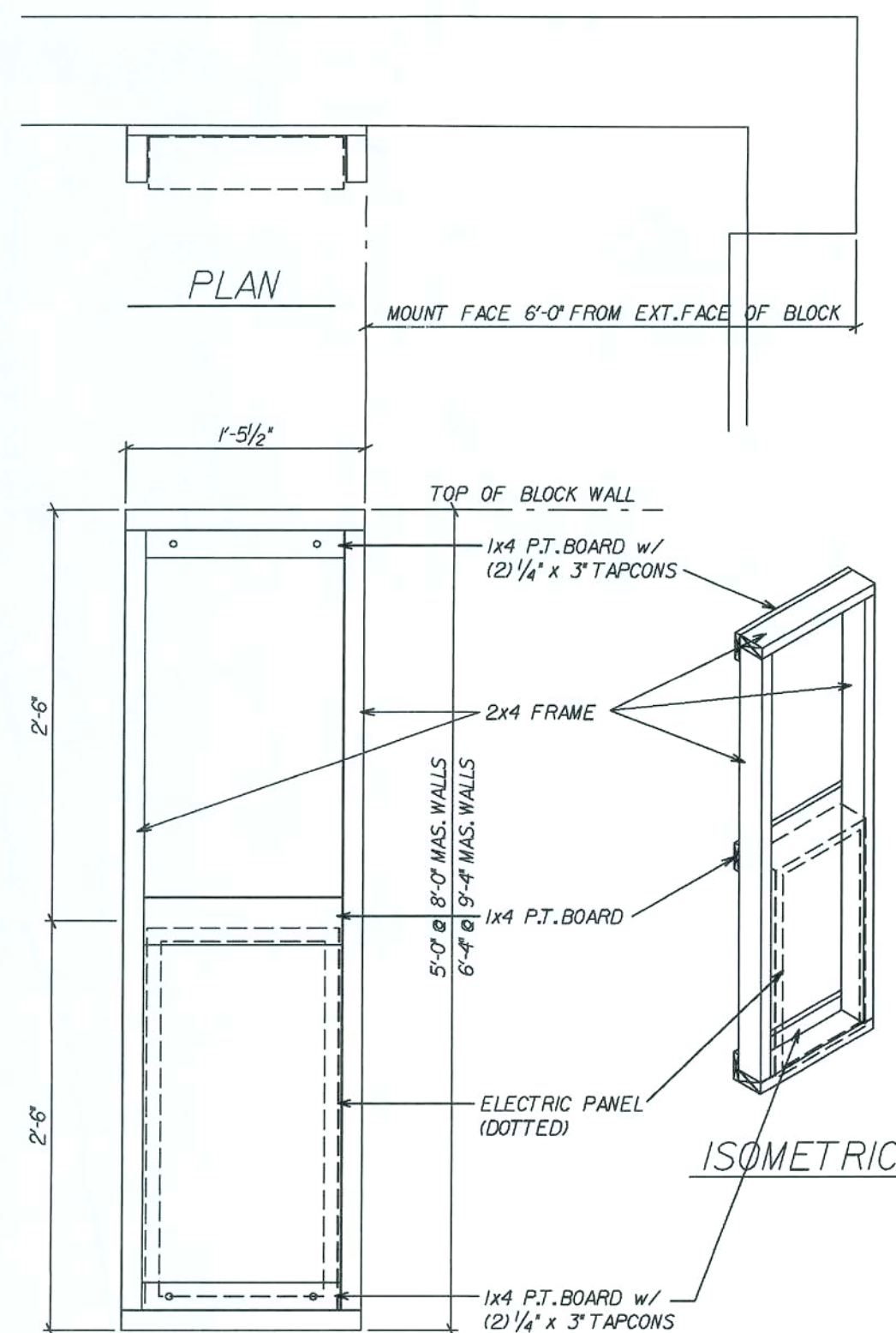
SQUARE FEET LIVING AREA	1637 @ 3 VOLT/AMPS	4911
SMALL APPLIANCE CIRCUITS		3000
LAUNDRY CIRCUIT		1500
OVEN		11700
WATER HEATER		4500
DISHWASHER		1500
DRYER		5000
DISPOSAL		500
TOTAL LOAD		32611

FIRST 10KVA @ 100% 10000
REMAINDER @ 40% 9044.4
LARGEST LOAD 9032

TOTAL LOAD 28076 V.A./240 VOLTS= 117 AMPS

SERVICE SIZE: 150 AMPS

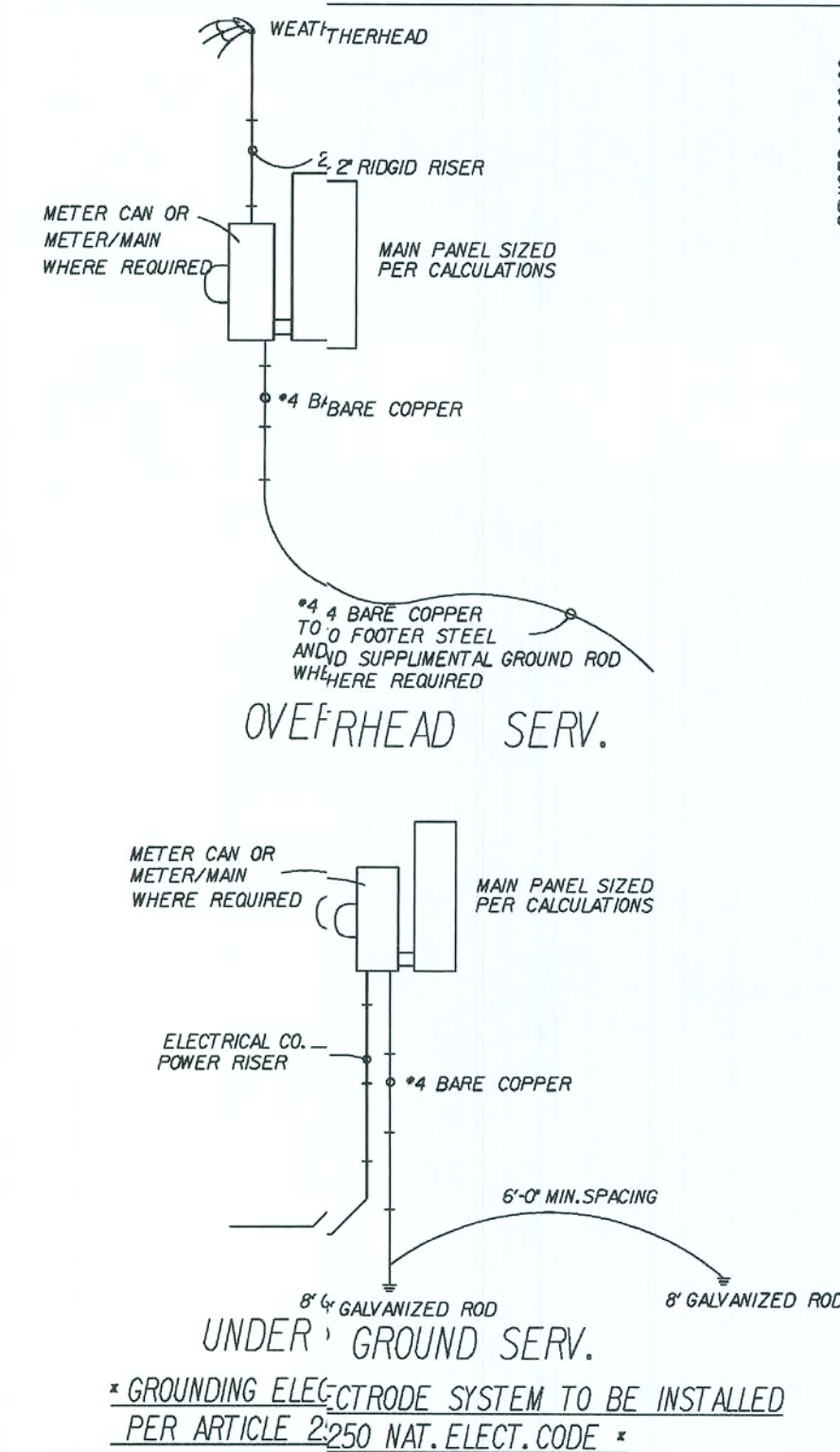
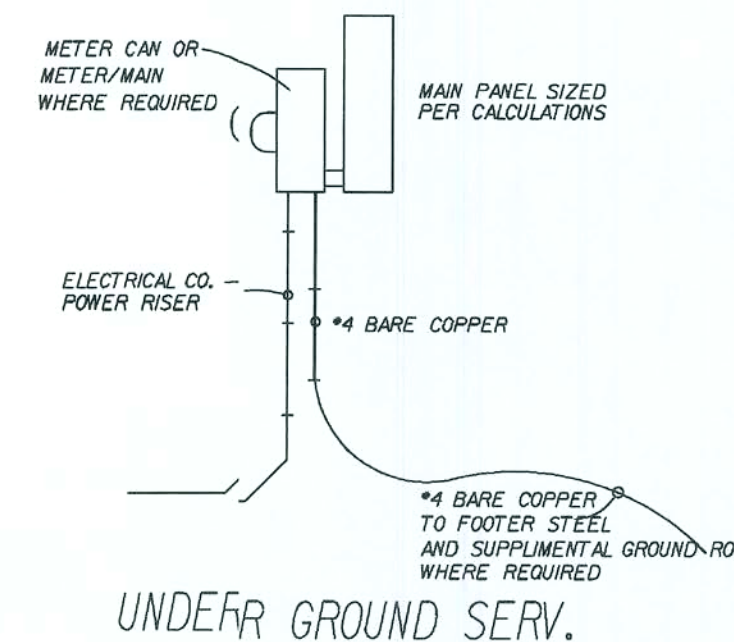
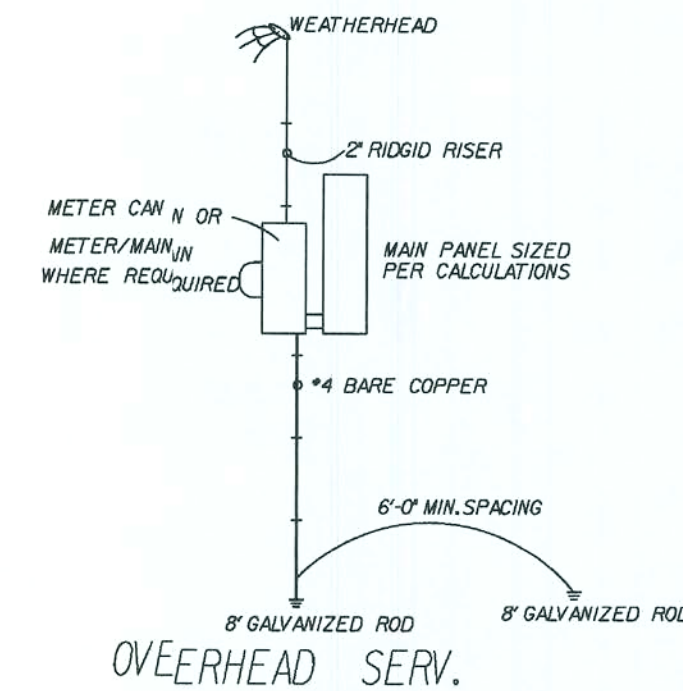
NOTE: HEAT PUMPS ARE CALCULATED AT 100% WITH SUPPLEMENTAL HEAT AT 100%



ELECTRIC PANEL FRAME

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

SCALE: 1" = 1'-0"

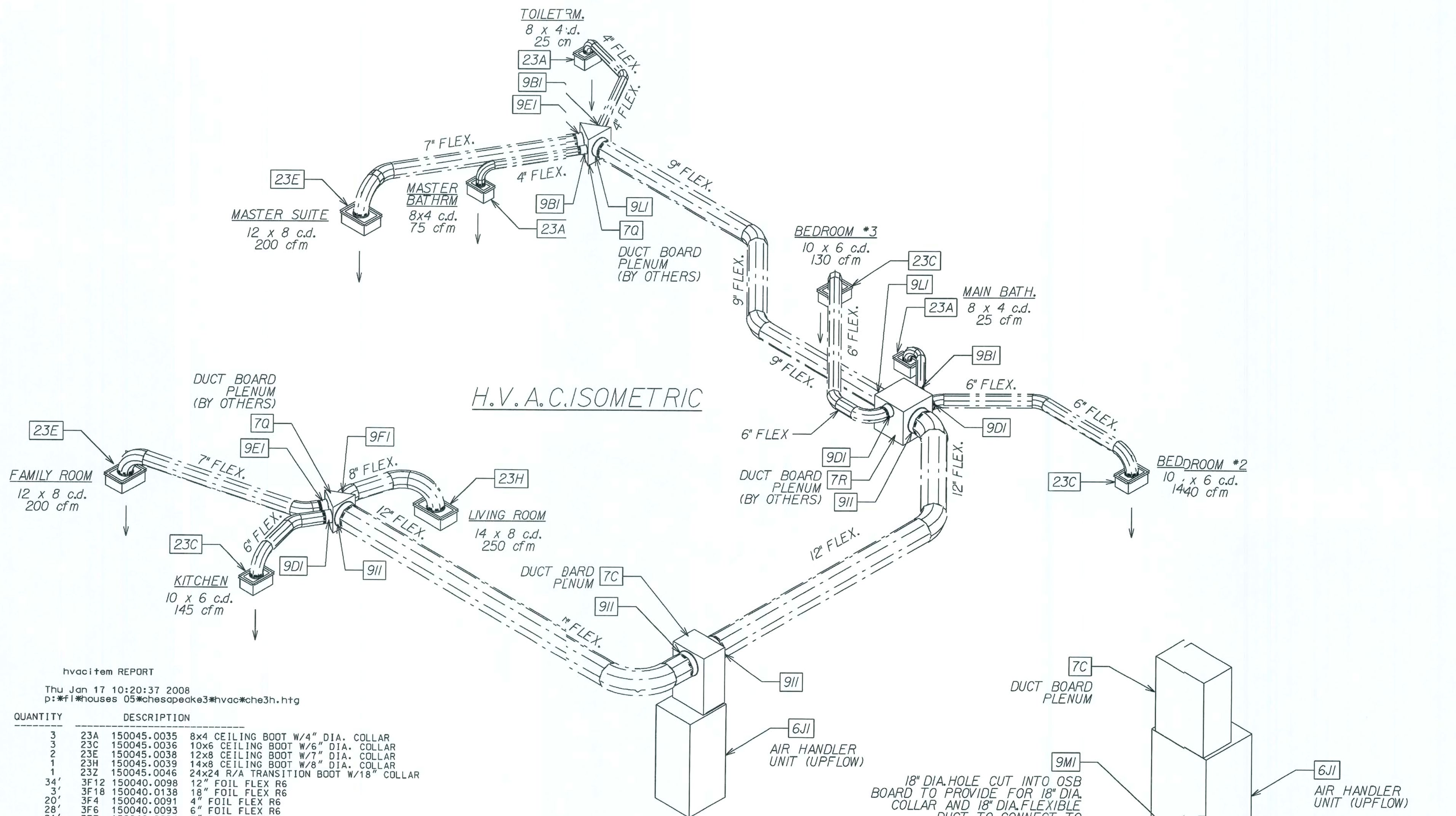


REVISED 06-06-06
SPACING REQUIREMENT

REVISED 06-06-06
SPACING REQUIREMENT

REVISIONS:		05-24-06 ADD NOTE FOR LOCK-DOG	01-28-06 REV. ELEC. LOAD CALC.	01-28-07 ELEM. SMOKE DETECT. HOME RUN.	02-19-07 ADD SMOKE DETECTOR TO MASTER BEDROOM
COPYRIGHT © 2005 MARONDA HOMES		FLORIDA			
Maronda Homes		4005 MARONDA WAY SANFORD, FLORIDA			
AMERICAN ELECTRICAL DETAILS		CHESAPEAKE			
SHEET:		ELIA			
DRAWN BY:		GARAGE:			
RELEASE DATE:		11-02-04			
PLOT DATE:		15 JAN 2008			

* USE WITH 13 SEER EQUIPMENT *



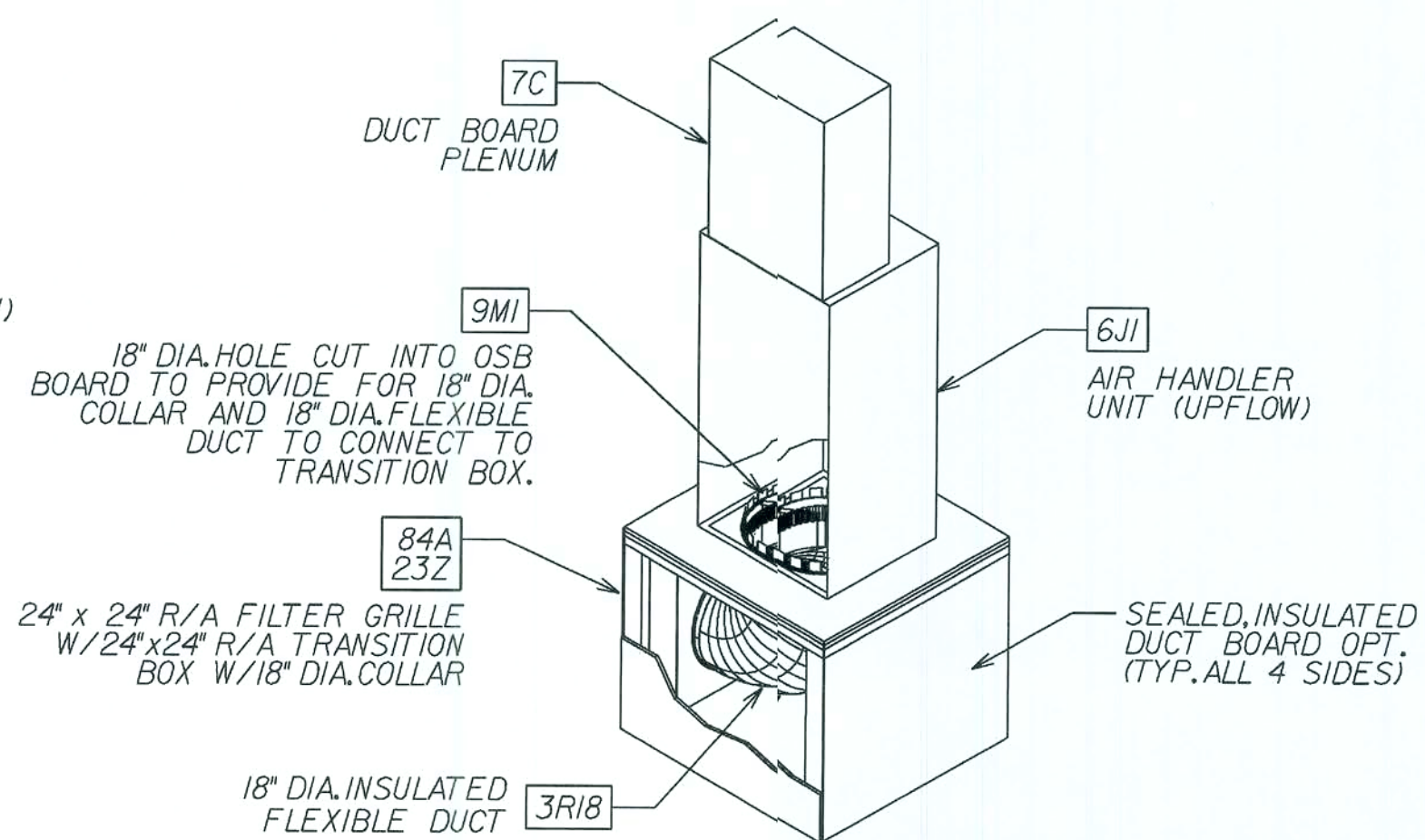
hvacitem REPORT
Thu Jan 17 10:20:37 2008
p:\fl\houses\05\chesapeake3\hvac\che3h.htg

QUANTITY	DESCRIPTION
3	23A 150045.0035 8x4 CEILING BOOT W/4" DIA. COLLAR
3	23C 150045.0036 10x6 CEILING BOOT W/6" DIA. COLLAR
2	23E 150045.0038 12x8 CEILING BOOT W/7" DIA. COLLAR
1	23H 150045.0039 14x8 CEILING BOOT W/8" DIA. COLLAR
1	23Z 150045.0046 24x24 R/A TRANSITION BOOT W/18" COLLAR
34'	3F12 150040.0098 12" FOIL FLEX R6
3'	3F18 150040.0138 18" FOIL FLEX R6
20'	3F4 150040.0091 4" FOIL FLEX R6
28'	3F6 150040.0093 6" FOIL FLEX R6
21'	3F7 150040.0094 7" FOIL FLEX R6
5'	3F8 150040.0095 8" FOIL FLEX R6
21'	3F9 150040.0096 9" FOIL FLEX R6
1	6J1 150005.0043 FEM2X3600A 13 SEER 3.0 TON AIR HANDLER UNIT
1	6P1 150010.0103 N2H336AKA 13 SEER 3.0 TON CONDENSER
1	7C 150005.0110 19x13x30" H BOX PLENUM
2	7Q 150040.0118 DUCT 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)
3	9D1 150040.0077 6" K-COLLAR/ROTH (6KC/413)
2	9E1 150040.0078 7" K-COLLAR/ROTH (7KC/413)
1	9F1 150040.0079 8" K-COLLAR/ROTH (8KC/413)
4	9L1 150040.0082 12" K-COLLAR/ROTH (12KC/413)
1	9L1 150040.0080 9" K-COLLAR/ROTH (9KC/413)
1	9M1 150040.0137 18" K-COLLAR/ROTH (18KC/413)
1	HVAC MATERIAL PACKAGE SINGLE STORY

CHESAPEAKE HVAC LAYOUT SCALE: 3/16" = 0'

3 TON
TEMPSTAR FEM2X3600 13 SEER
TEMPSTAR V2H336AKA 13 SEER
5.0 KW
BRAEBURN 200 2 STAGE HEAT PUMP PROGRAMABLE
BROAN 6710 CFM
SIZES OF EDUCATION BOXES (DB6-16x14x16x12x15)
SIZE OF TRIANGLES (15x15x15x15)
EXT STAT 160 1190 CFM H

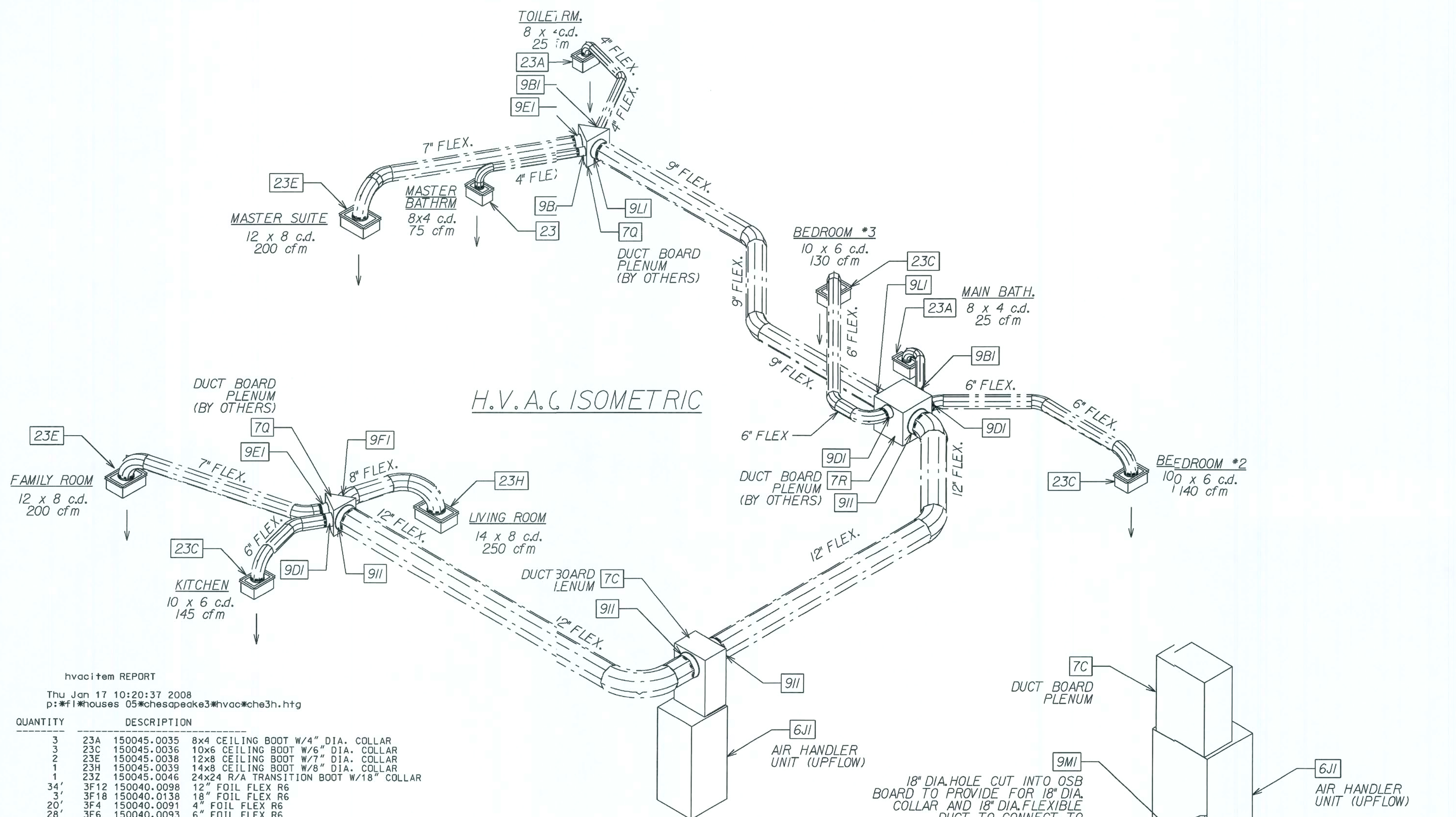
ALL TAPES, CONNECTORS & MASTIC USED WILL BE UL-181
APPROVED



RETURN-AIR ISOMETRIC

REVISIONS:		11/08/06 COMPLETE 13 SEER UPDATE TJM	01/17/08 REV DUCT FROM 5" to 4" IN M.B. T-J
COPYRIGHT © 2005 MARONDA HOMES		MARONDA HOMES	
AMERICANA		H.V.A.C. ISO	
CHESAPEAKE-3		3 BEDROOM	
DRAWN BY: MARTINEZ		GARAGE: LEFT	
RELEASE DATE: 11-02-04		09-5416	
SHEET: ISO-H		PLOT DATE: 21 JAN 2008	
FLORIDA BUILDING CODE 2004 - RESIDENTIAL			

* USE WITH 13 SEER EQUIPMENT *

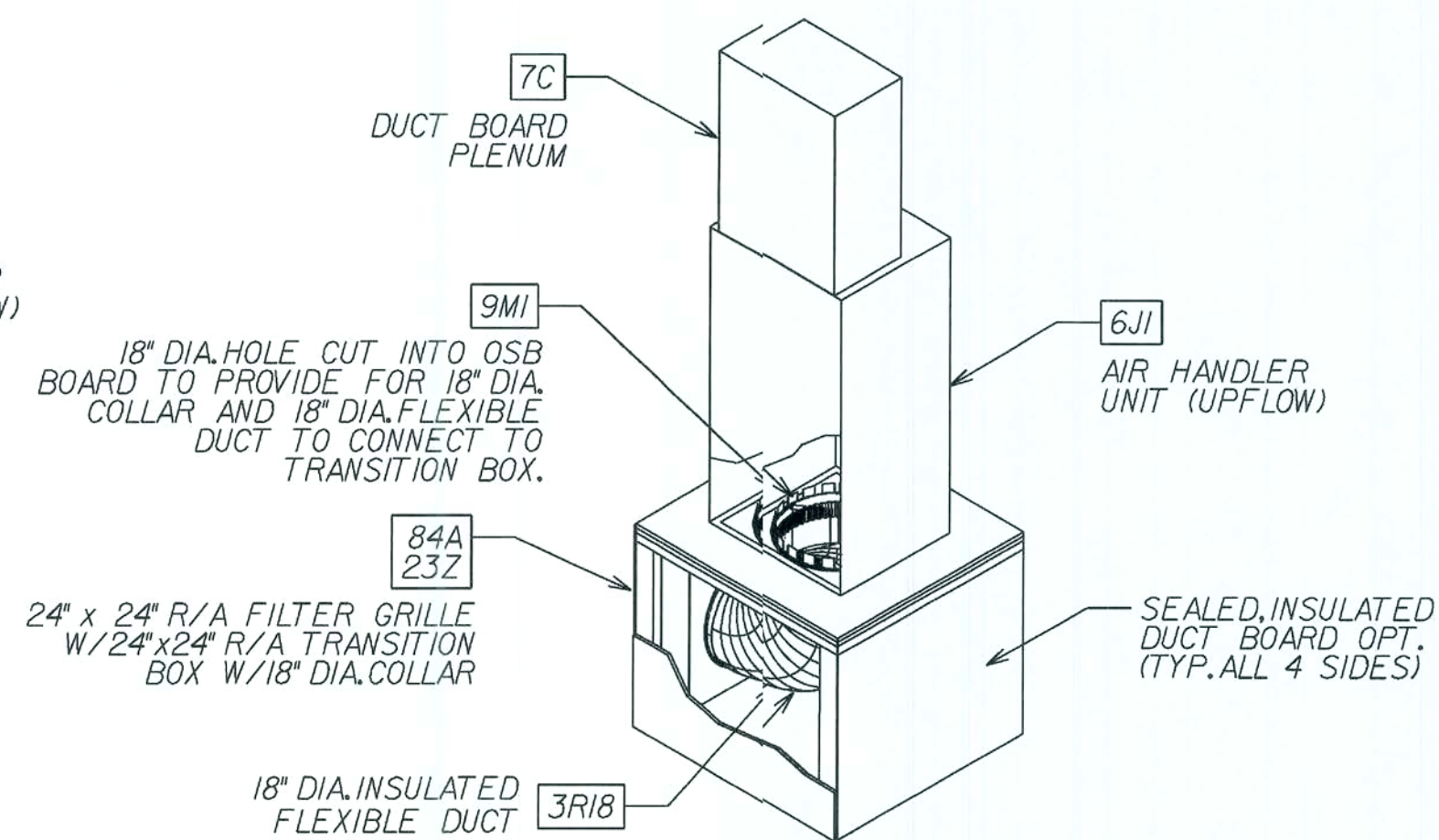


CHESAPEAKE HVAC LAYOUT

SCALE: 3/16" = 1'-0"

3 TON
TEMPSTA FEM2X3600 13 SEER
TEMPSTA N2H336AKA 13 SEER
5.0 KW
BRAEBUR 5200 2 STAGE HEAT PUMP PROGRAMABLE
BROAN 6170 CFM
SIZES OF REDUCTION BOXES (DB6-16x14x16x12x15)
SIZE OF TRIANGLES (15x15x15x15)
EXT STA'C .60 1190 CFM H

ALL TAPE, CONNECTORS & MASTIC USED WILL BE UL-181
APPROVE:



RETURN-AIR ISOMETRIC

hvacitem REPORT
Thu Jan 17 10:20:37 2008
p:\fl\houses 05\chesapeake3\hvac\che3h.htg

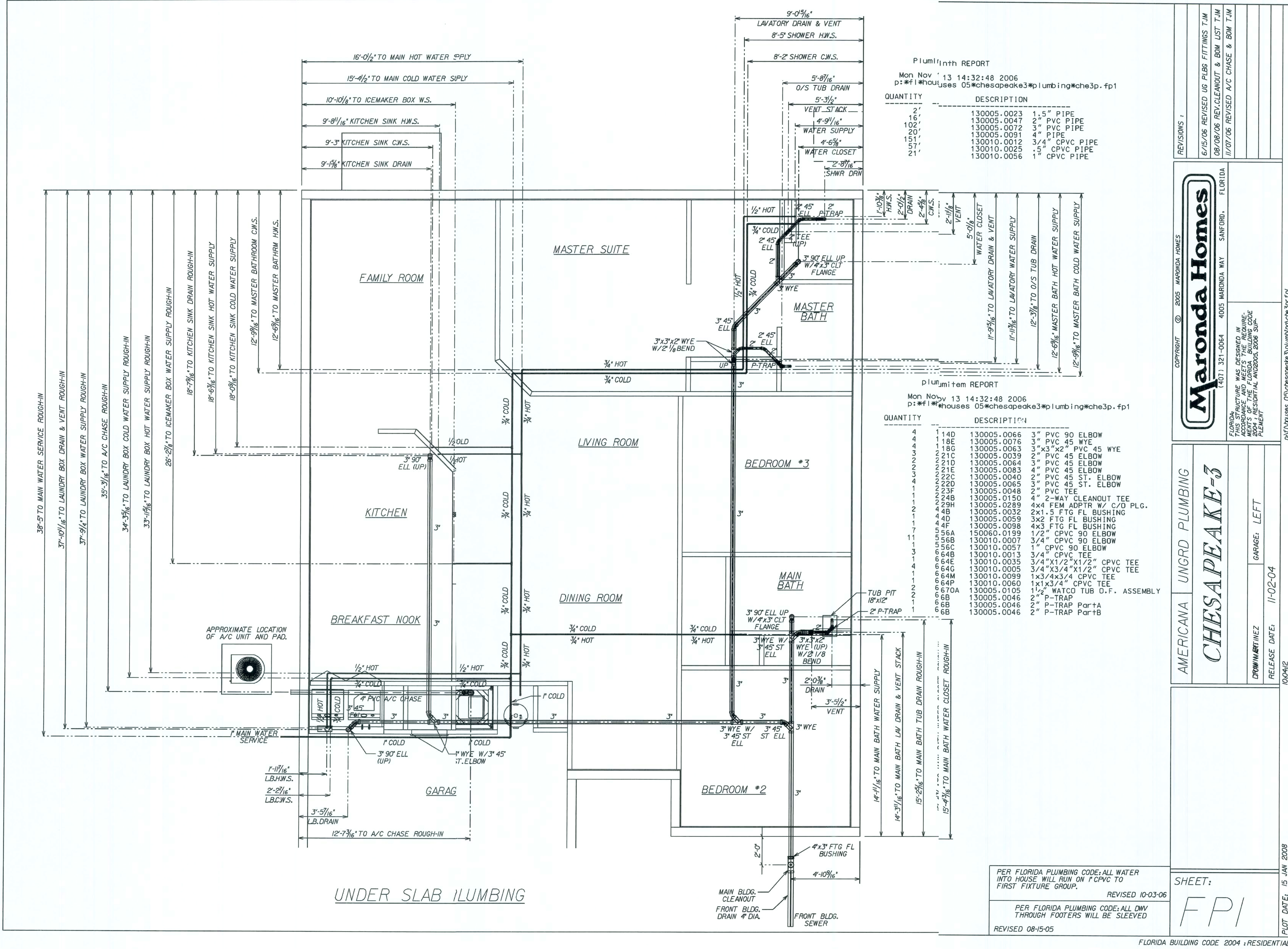
QUANTITY	DESCRIPTION
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3	23C 150045.0036 10x6 CEILING BOOT W/6" DIA. COLLAR
2	23E 150045.0038 12x8 CEILING BOOT W/7" DIA. COLLAR
1	23H 150045.0039 14x8 CEILING BOOT W/8" DIA. COLLAR
1	23Z 150045.0046 24x24 R/A TRANSITION BOOT W/18" COLLAR
34'	3F12 150040.0098 12" FOIL FLEX R6
3'	3F18 150040.0138 18" FOIL FLEX R6
20'	3F4 150040.0091 4" FOIL FLEX R6
28'	3F6 150040.0093 6" FOIL FLEX R6
21'	3F7 150040.0094 7" FOIL FLEX R6
5'	3F8 150040.0095 8" FOIL FLEX R6
21'	3F9 150040.0096 9" FOIL FLEX R6
1	6J1 150005.0043 FEM2X3600A 13 SEER 3.0 TON AIR HANDLER UNIT
1	6P1 150010.0103 N2H336AKA 13 SEER 3.0 TON CONDENSER
1	7C 150005.0110 19x13x30" H BOX PLENUM
2	7Q 150040.0118 DUCT PLENUM TRIANGLE
1	TR 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)
3	9D1 150040.0077 6" K-COLLAR/ROTH (6KC/413)
2	9E1 150040.0078 7" K-COLLAR/ROTH (7KC/413)
1	9F1 150040.0079 8" K-COLLAR/ROTH (8KC/413)
4	9I1 150040.0082 12" K-COLLAR/ROTH (12KC/413)
2	9L1 150040.0080 9" K-COLLAR/ROTH (9KC/413)
1	9M1 150040.0137 18" K-COLLAR/ROTH (18KC/413)
1	HVAC MATERIAL PACKAGE SINGLE STORY

REVISIONS :
11/08/06 COMPLETE 13 SEER UPDATE TJM
01/17/08 REV DUCT FROM 5" TO 4" IN MB-TJM

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

AMERICANA	H.V.A.C. ISO
CHESAPEAKE-3	
3 BEDROOM	
DRAWN BY: M. MARTINEZ	GARAGE: LEFT
RELEASE DATE: 11-02-04	

SHEET:	
ISO-H	



Plumbing REPORT

Mon Nov 13 14:32:48 2006
p:\fl\houses\05\chesapeake3\plumbing\che3p.fp1

QUANTITY	DESCRIPTION
12	130005.0023 1.5" PIPE
10	130005.0047 2" PVC PIPE
20	130005.0072 3" PVC PIPE
151	130005.0091 4" PIPE
57	130010.0012 3/4" CPVC PIPE
21	130010.0025 1/2" CPVC PIPE
	130010.0056 1" CPVC PIPE

Plumbing REPORT

Mon Nov 13 14:32:48 2006
p:\fl\houses\05\chesapeake3\plumbing\che3p.fp1

QUANTITY	DESCRIPTION
4	130005.0066 3" PVC 90 ELBOW
18	130005.0076 3" PVC 45 WYE
18	130005.0083 3" x 3" x 2" PVC 45 WYE
21	130005.0039 2" PVC 45 ELBOW
21	130005.0064 3" PVC 45 ELBOW
22	130005.0083 4" PVC 45 ELBOW
22	130005.0040 2" PVC 45 ST. ELBOW
22	130005.0065 3" PVC 45 ST. ELBOW
23	130005.0048 2" PVC TEE
24	130005.0150 4" 2-WAY CLEANOUT TEE
29	130005.0289 4x4 FEM ADPTR W/ C/O PLG.
44	130005.0032 2x1.5 FTG FL BUSHING
44	130005.0059 3x2 FTG FL BUSHING
44	130005.0098 4x3 FTG FL BUSHING
56	150060.0199 1/2" CPVC 90 ELBOW
56	130010.0007 3/4" CPVC 90 ELBOW
56	130010.0057 1" CPVC 90 ELBOW
64	130010.0013 3/4" CPVC TEE
64	130010.0035 3/4" x 1/2" x 1/2" CPVC TEE
64	130010.0005 3/4" x 3/4" x 1/2" CPVC TEE
64	130010.0099 1x3/4x3/4 CPVC TEE
64	130010.0060 1x1x3/4" CPVC TEE
67	130005.0105 1/2" WATCO TUB O.F. ASSEMBLY
68	130005.0046 2" P-TRAP
68	130005.0046 2" P-TRAP Part A
68	130005.0046 2" P-TRAP Part B

REVISIONS :

6/15/06	REVISED UG PLB8 FITTINGS TJM
08/08/06	REV. CLEANOUT & BOM LIST TJM
11/07/06	REVISED A/C CHASE & BOM TJM

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FLORIDA
4005 MARONDA WAY
SANFORD, FL 321-0064

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AMERICANA UNGRD PLUMBING

CHESAPEAKE-3

DRAWN BY: MARTINEZ

GARAGE: LEFT

RELEASE DATE: 11-02-04

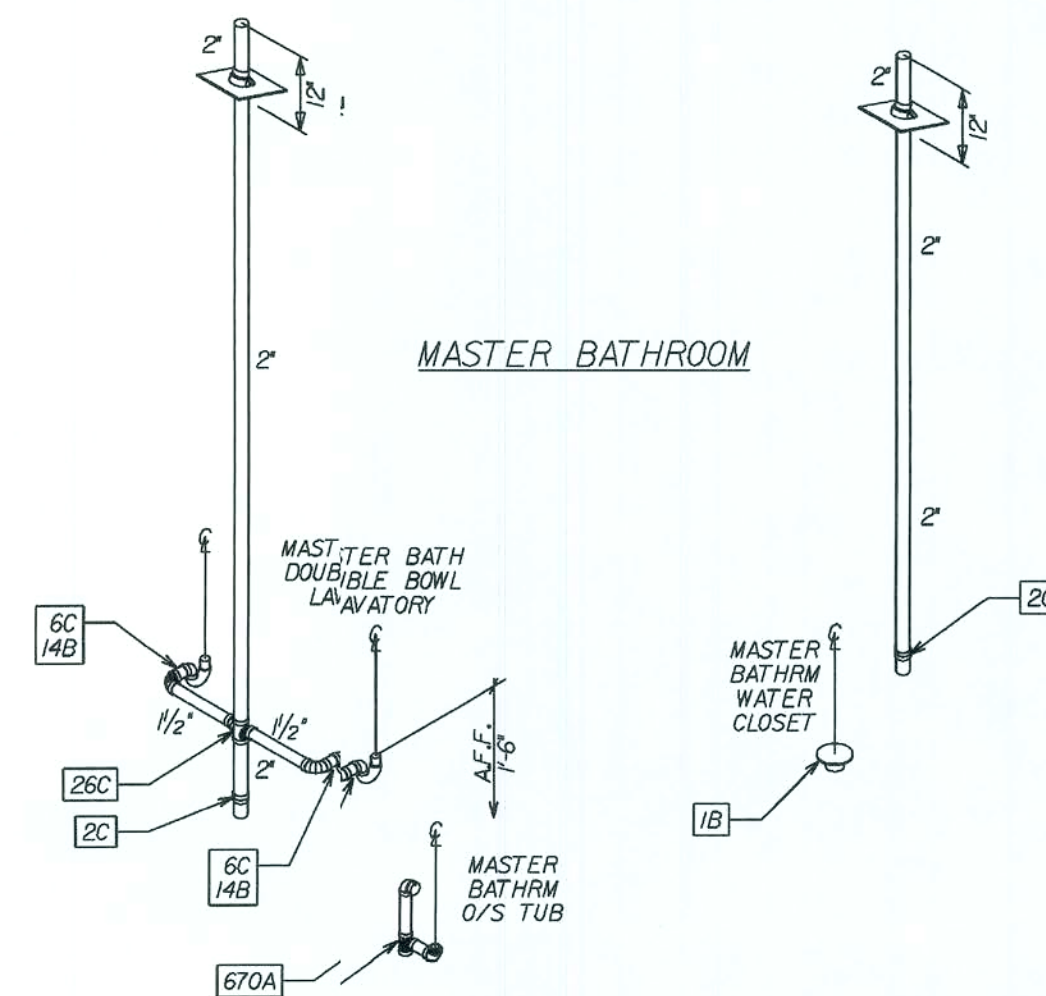
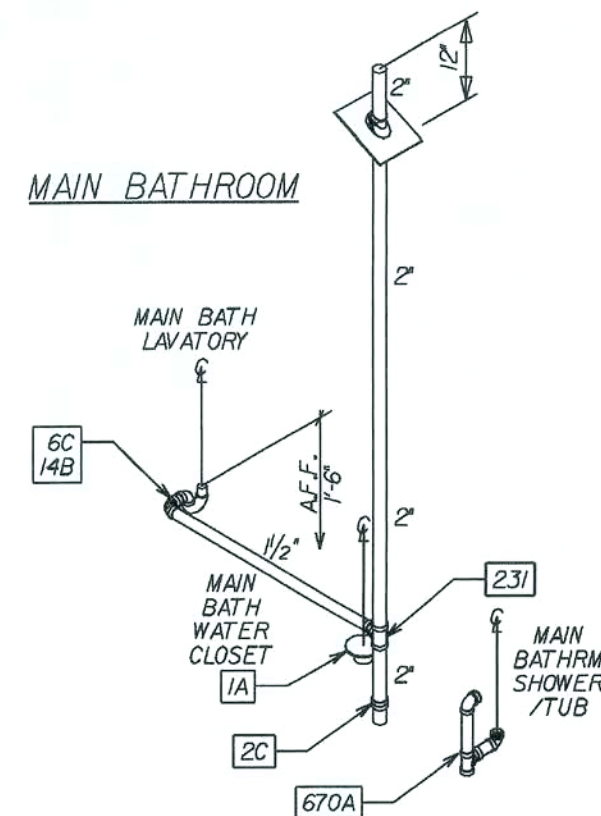
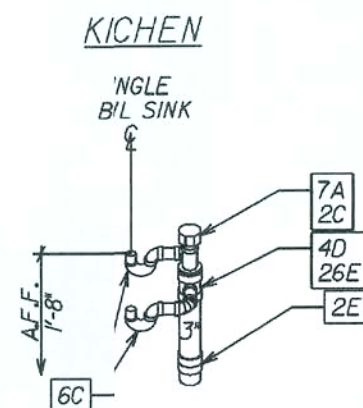
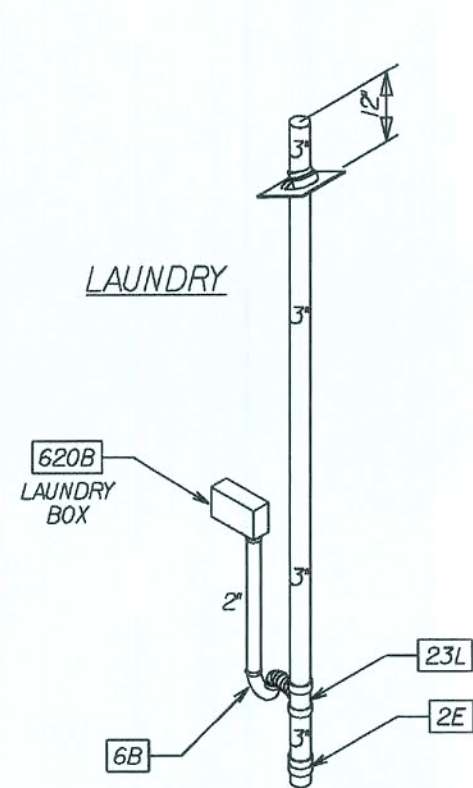
SHEET: **FPI**

PER FLORIDA PLUMBING CODE: ALL WATER INTO HOUSE WILL RUN ON 1" CPVC TO FIRST FIXTURE GROUP. REVISED 10-03-06

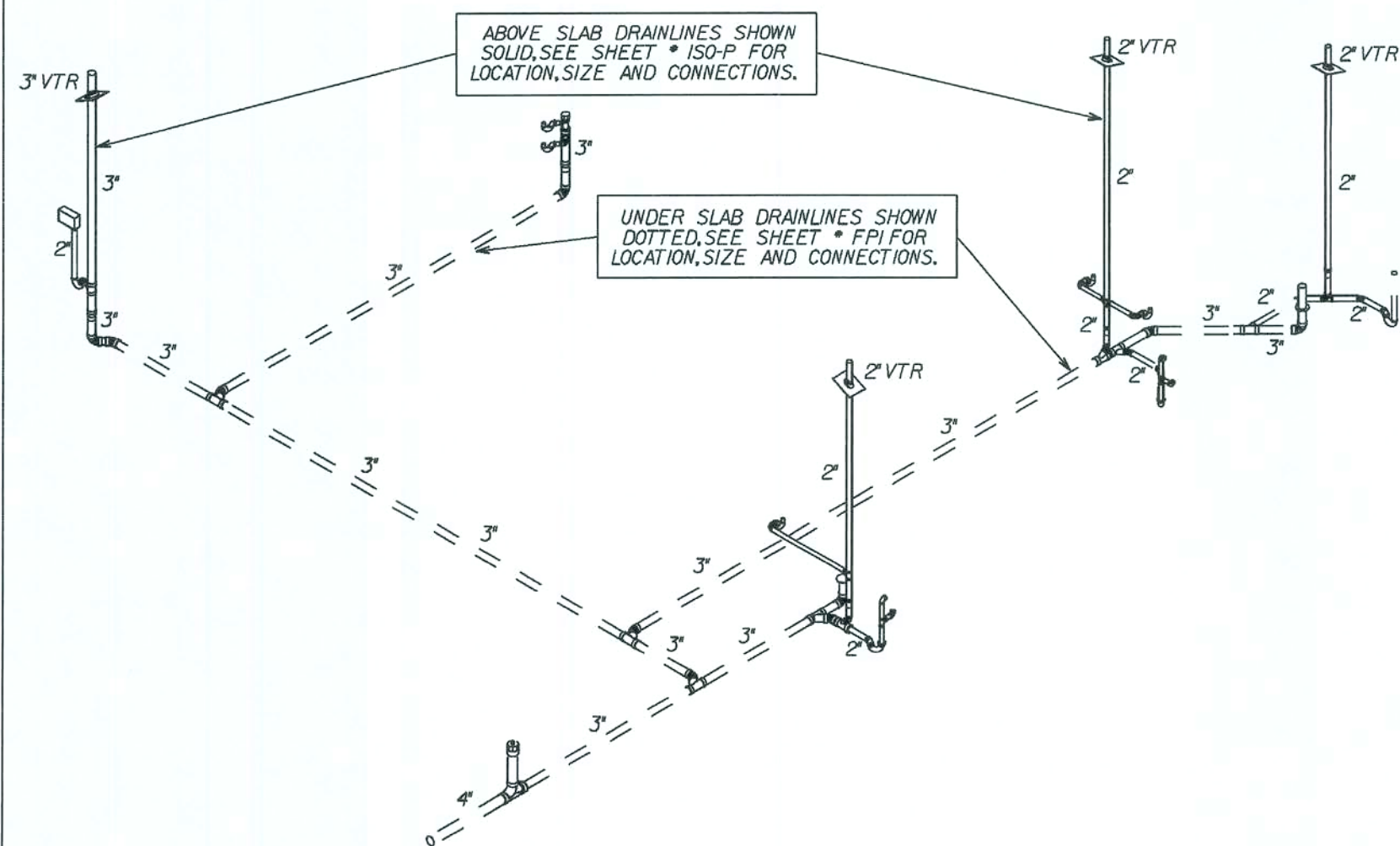
PER FLORIDA PLUMBING CODE: ALL DWV THROUGH FOOTERS WILL BE SLEEVED. REVISED 08-15-05

DATE: 15 JAN 2008

PLOT DATE: 15 JAN 2008



COMPLETE SANITARY PLUMBING DIAGRAM:



plumitem REPORT

Mon Nov 13 14:54:52 2006
p:\fl\houses 05\chesapeake3\plumbing\che3p.plm

QUANTITY	DESCRIPTION
5	14B 1300055.0013 1.5" PVC 90 ELBOW
2	1B 1300055.0099 4"X3" CLOSET FLANGE
1	23L 1300055.0034 2"x2"x1.5" PVC TEE
1	23L 1300055.0062 3"x3"x2" PVC TEE
1	26C 1300055.0133 2"x2"x1.5"x1.5" DOUBLE TEE
4	2C 1300055.0132 3"x3"x1.5"x1.5" DOUBLE TEE
2	2E 1300055.0043 2" PVC COUPLING
3	46B 1300550.0125 2" NEOPRENE ROOF FLASHING
1	46C 1300550.0028 3" NEOPRENE ROOF FLASHING
1	4D 1300055.0059 3x2 FTG FL BUSHING
1	620B 1300335.0027 Laundry Box Right
2	670A 1300055.0105 1 1/2" WATCO TUB OVERFLOW ASSEMBLY
1	6B 1300055.0046 2" P-TRAP
5	6C 1300055.0107 1.5"x1.25" P-TRAP W/UNION JT
1	7A 1300055.0160 1.25-2" STUDOR MINI-VENT

PlumInth REPORT

Mon Nov 13 14:54:52 2006
p:\fl\houses 05\chesapeake3\plumbing\che3p.plm

QUANTITY	DESCRIPTION
9'	1300055.0023 1.5" PIPE
38'	1300055.0047 2" PVC PIPE
13'	1300055.0072 3" PVC PIPE
35'	1300140.0012 3/4" CPVC PIPE
50'	1300140.0025 .5" CPVC PIPE
7'	1300235.0006 1/2" COPPER Pipe

REVISIONS :

09/07/06 REVD.KITCHEN SINK ASSEM - TJM

11/13/06 REVD.LAUNDRY BOX ASSEMBLY TJM

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Maronda Homes

4005 MARONDA WAY SANFORD, FLORIDA 32132-0064

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

AMERICANA D.W.V. PLUMBING

CHESAPEAKE-3

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 11-02-04

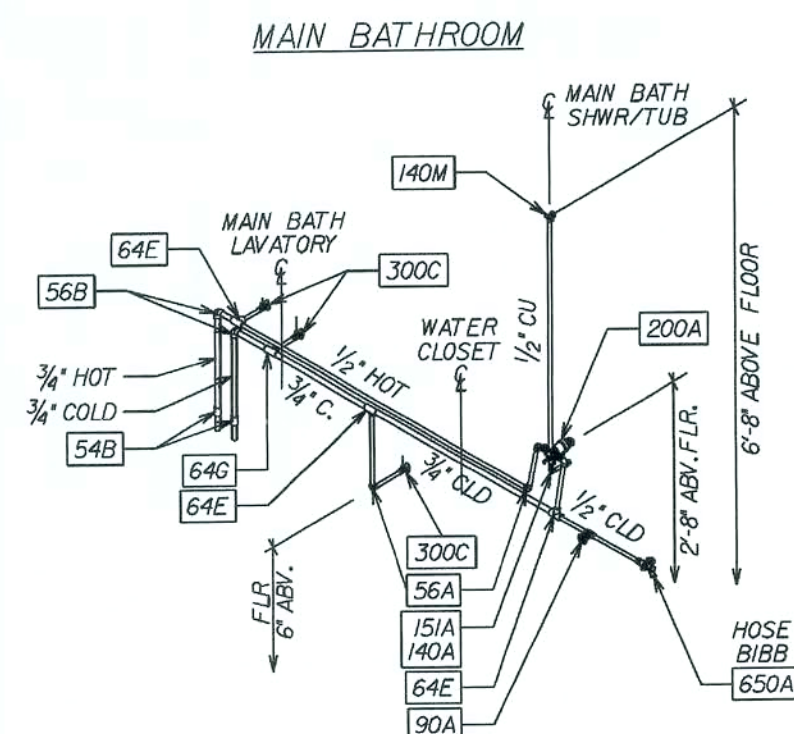
TOM MARTINEZ

100413

15 JAN 2008

150-P

FLORIDA BUILDING CODE 2004: RESIDENTIAL



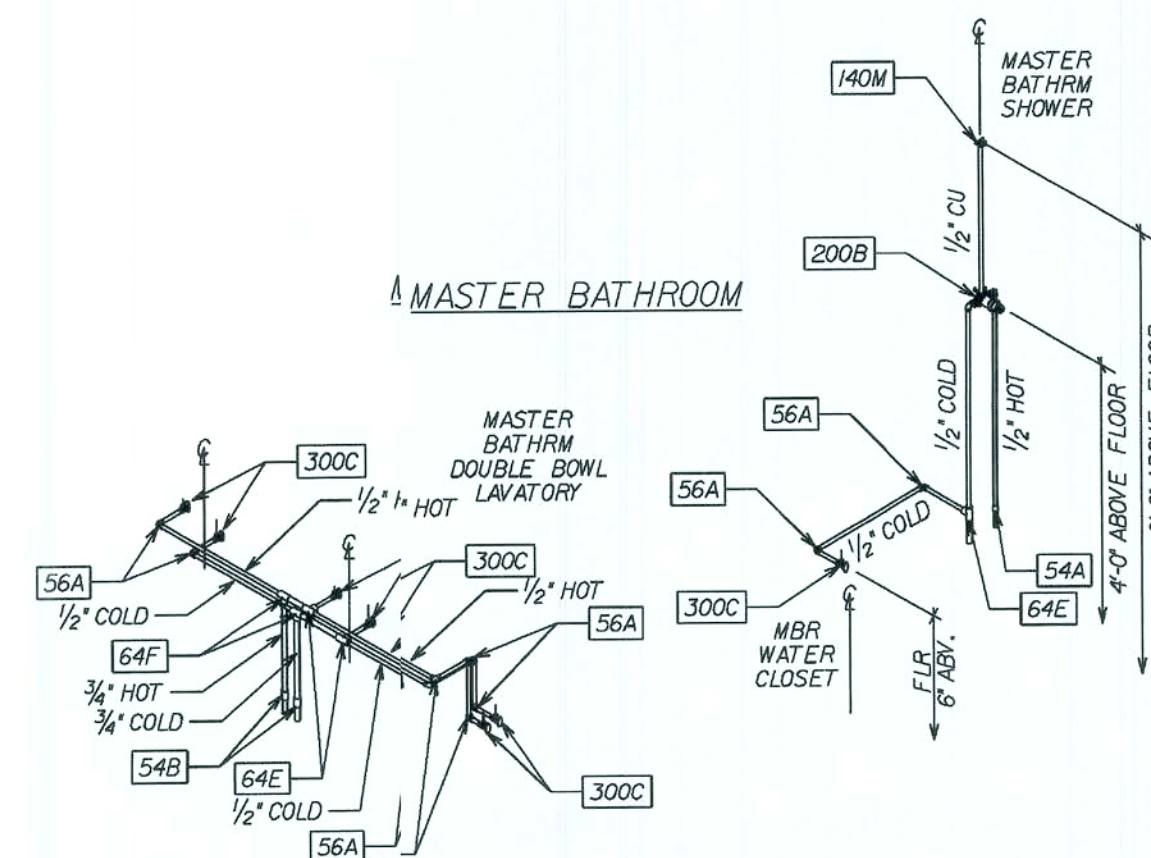
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PlumInth REPORT

Mon Nov 13 14:54:52 2006
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QUANTITY      -----
35'            130010.0012  3/4" CPVC PIPE
50'            130010.0025  .5" CPVC PIPE
7'             130025.0006  1/2" COPPER Pipe

```



FLORIDA BUILDING CODE 2004 : RESIDENTIAL

150-W

PLOT DATE: 15 JAN 2008

CHESAPEAKE-3

RAWN BYDM MARTINEZ	GARAGE: LEFT
--------------------	--------------

RELEASE DATE: 11-02-04

0:04:14

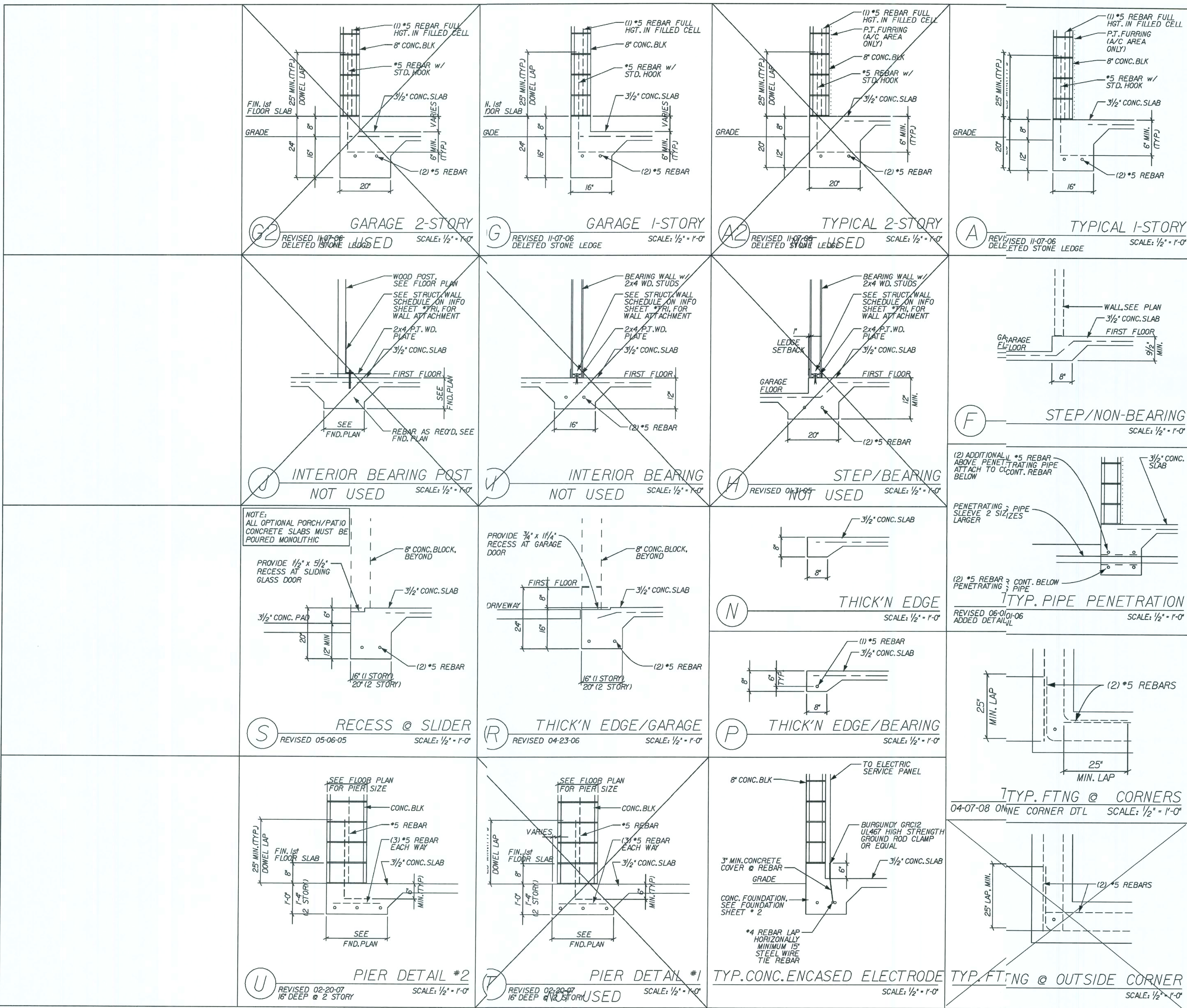
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Maronda Homes

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

p:\f\houses_05\chesapeake3\plumbing\che3wrJso



REVISIONS:

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

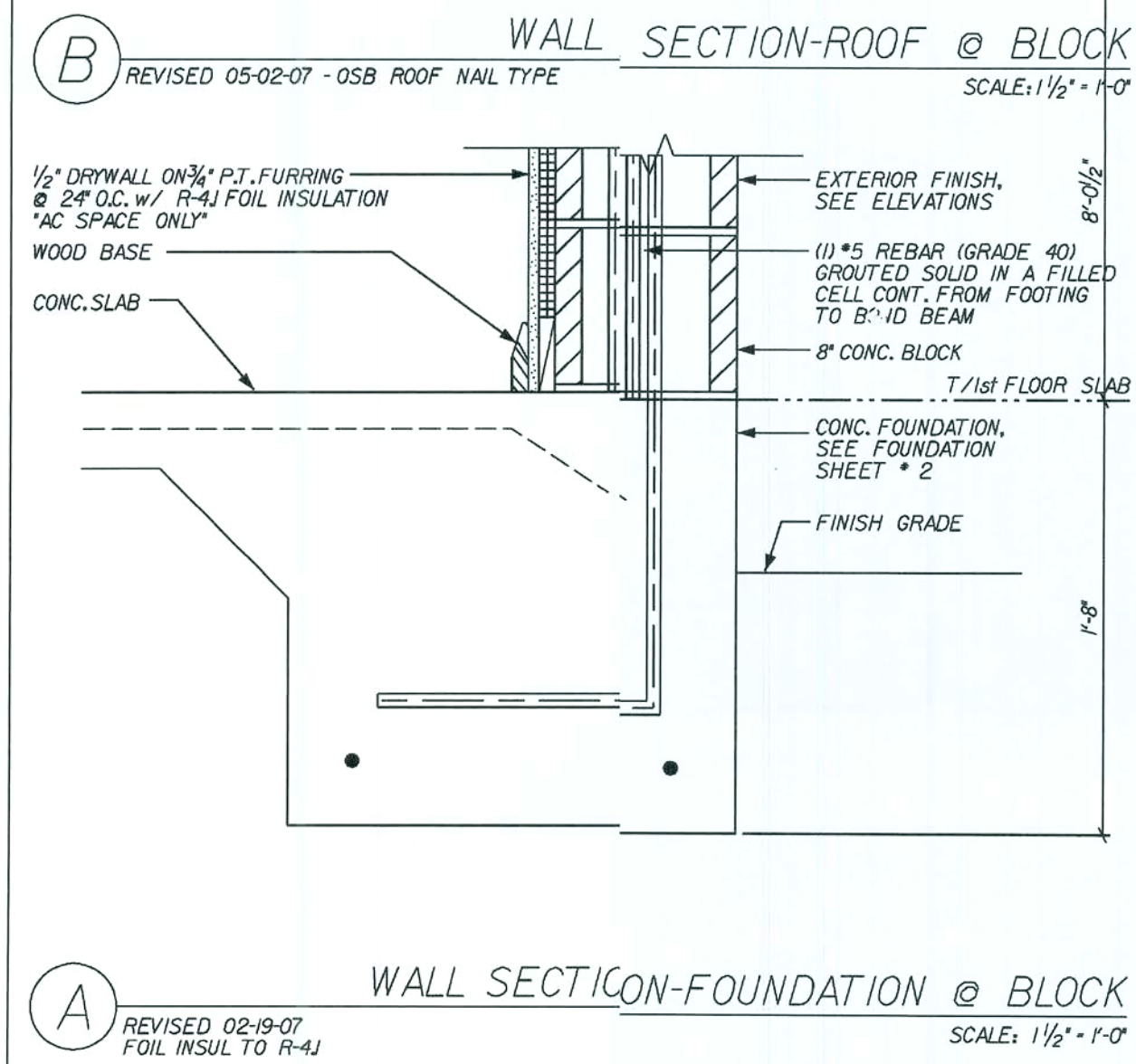
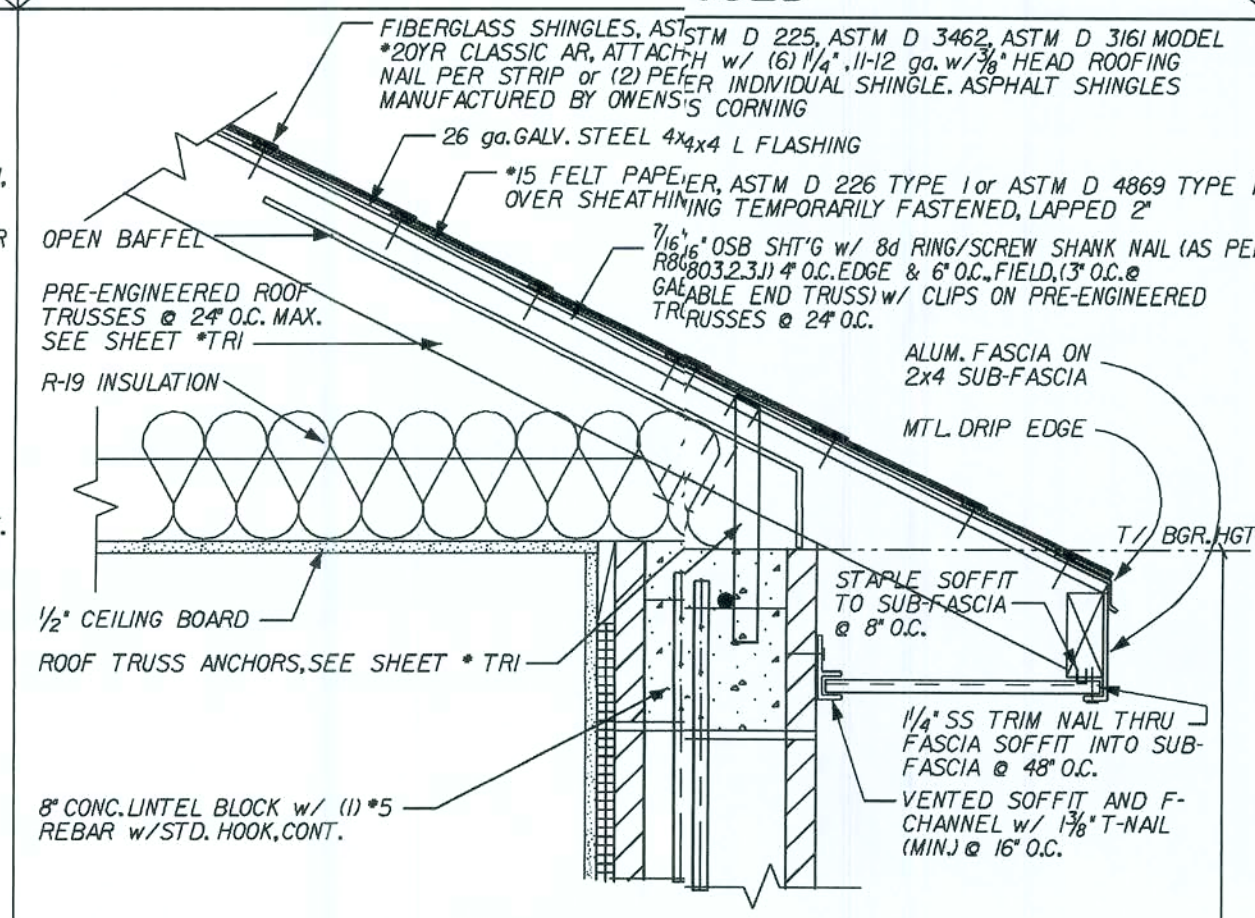
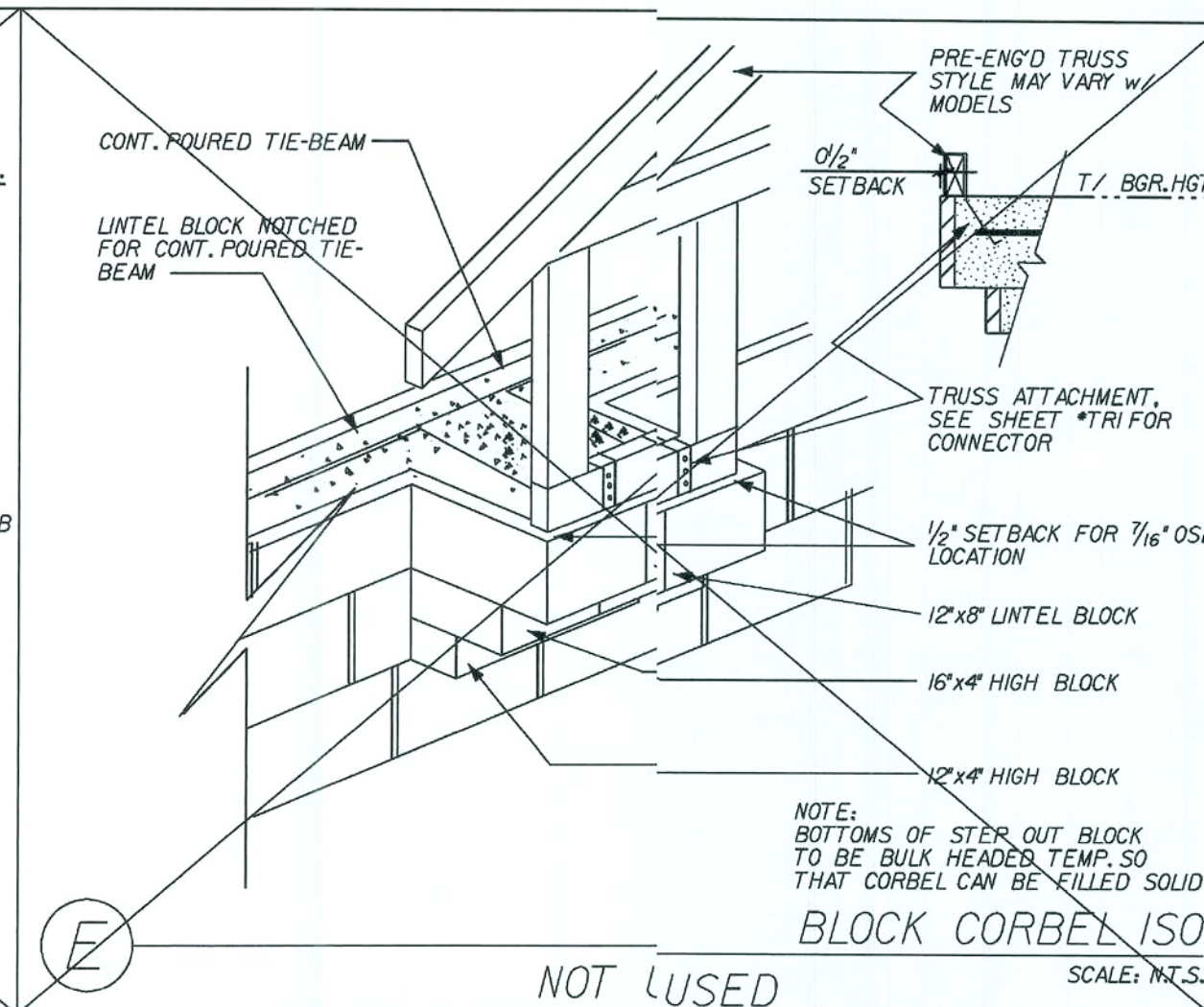
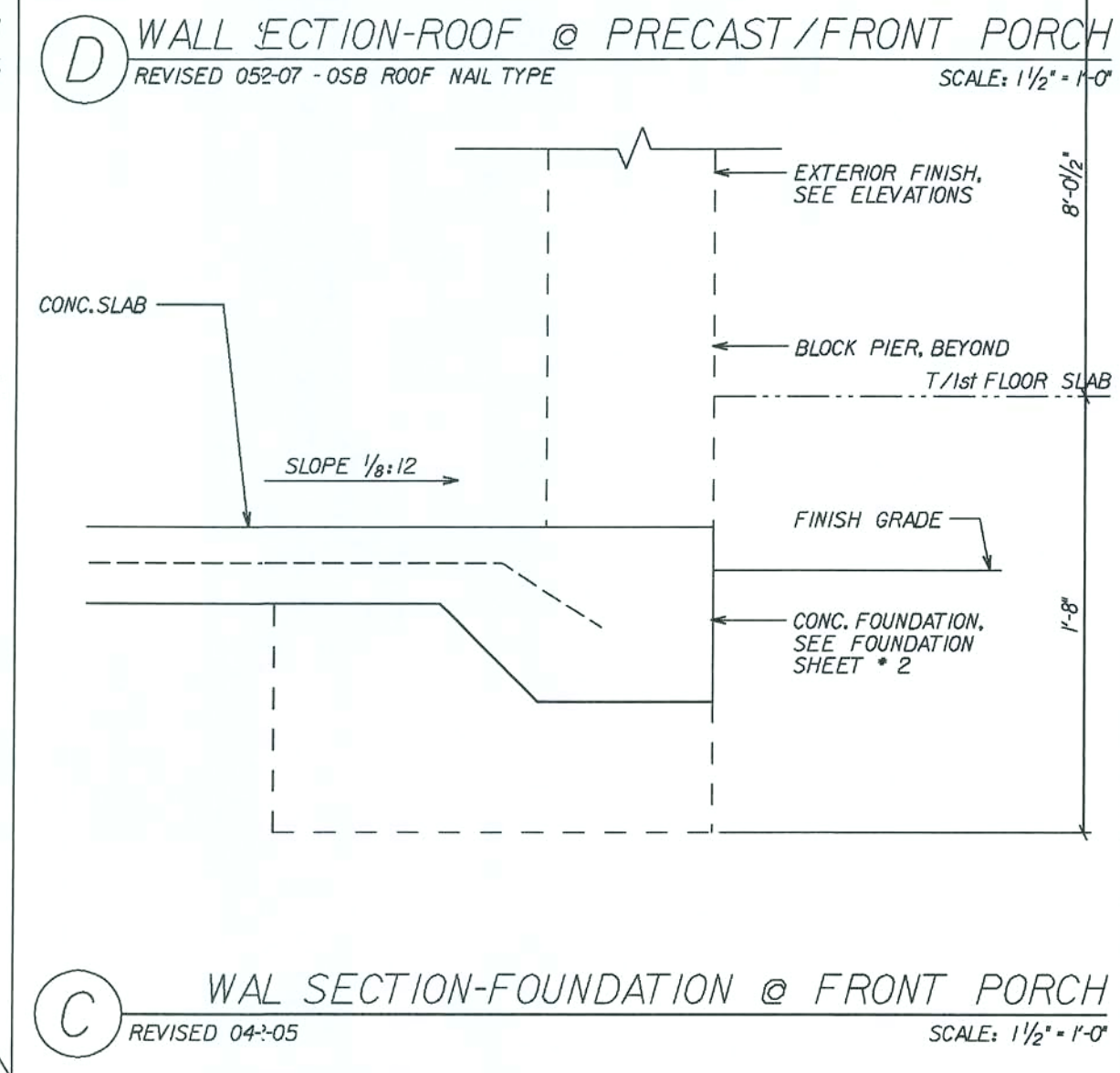
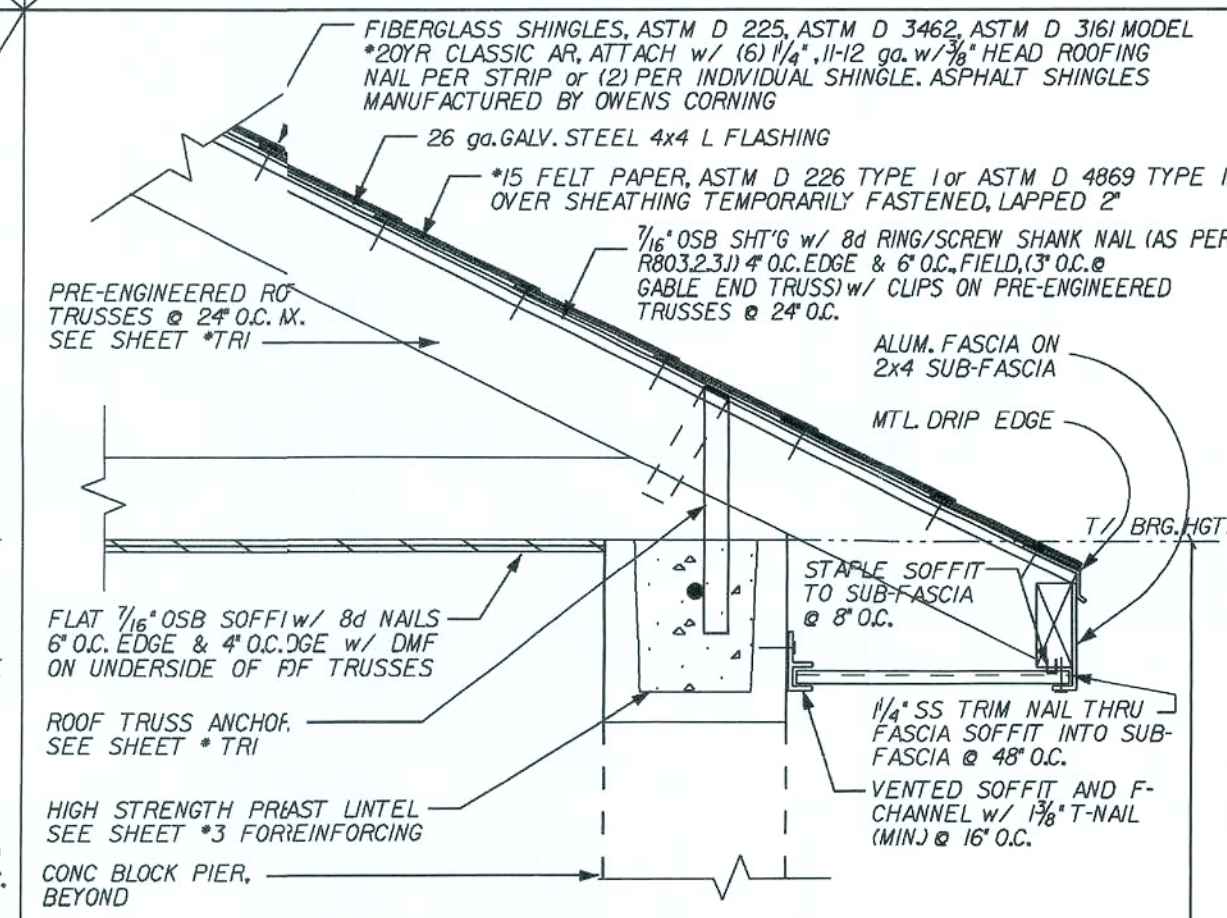
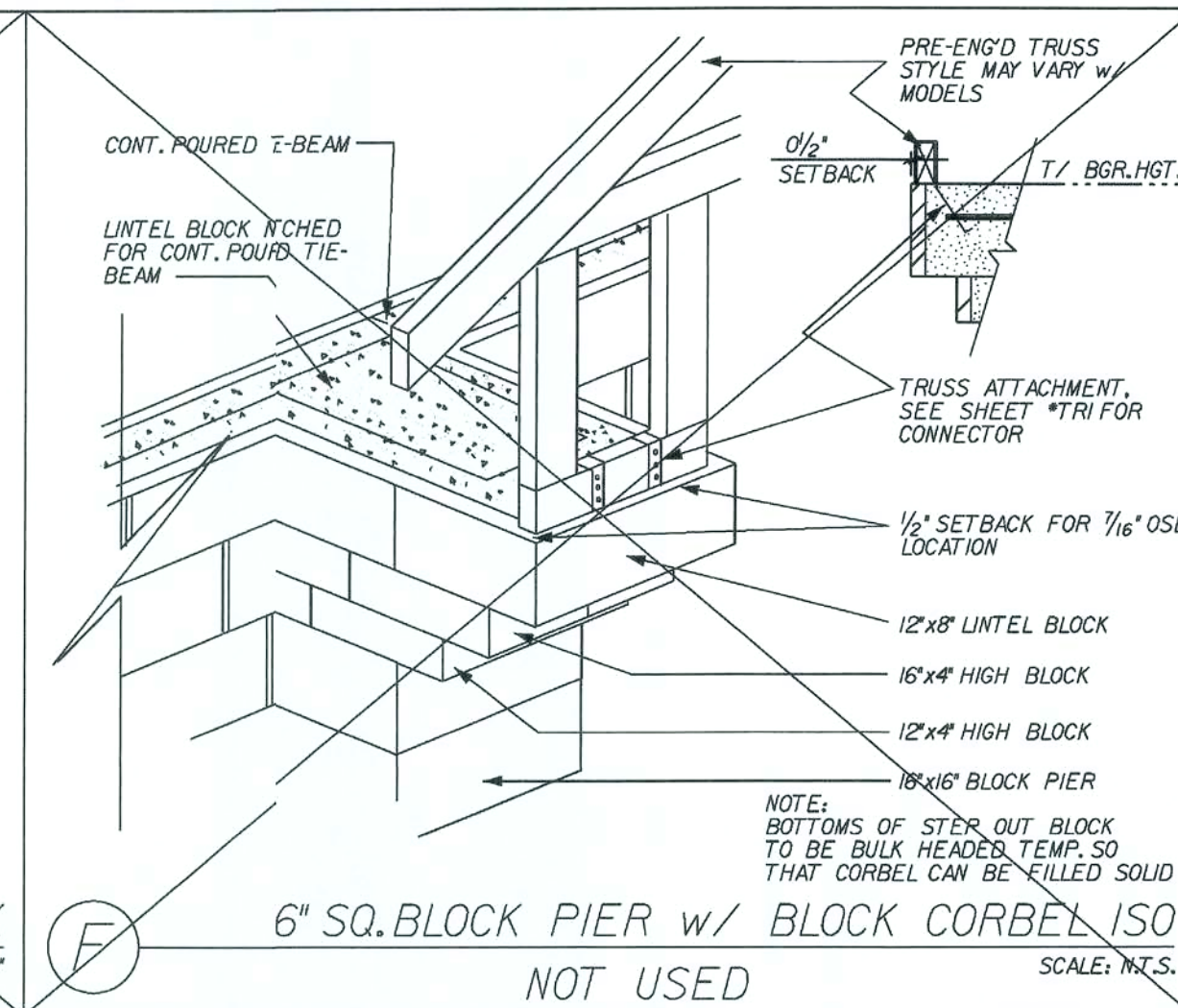
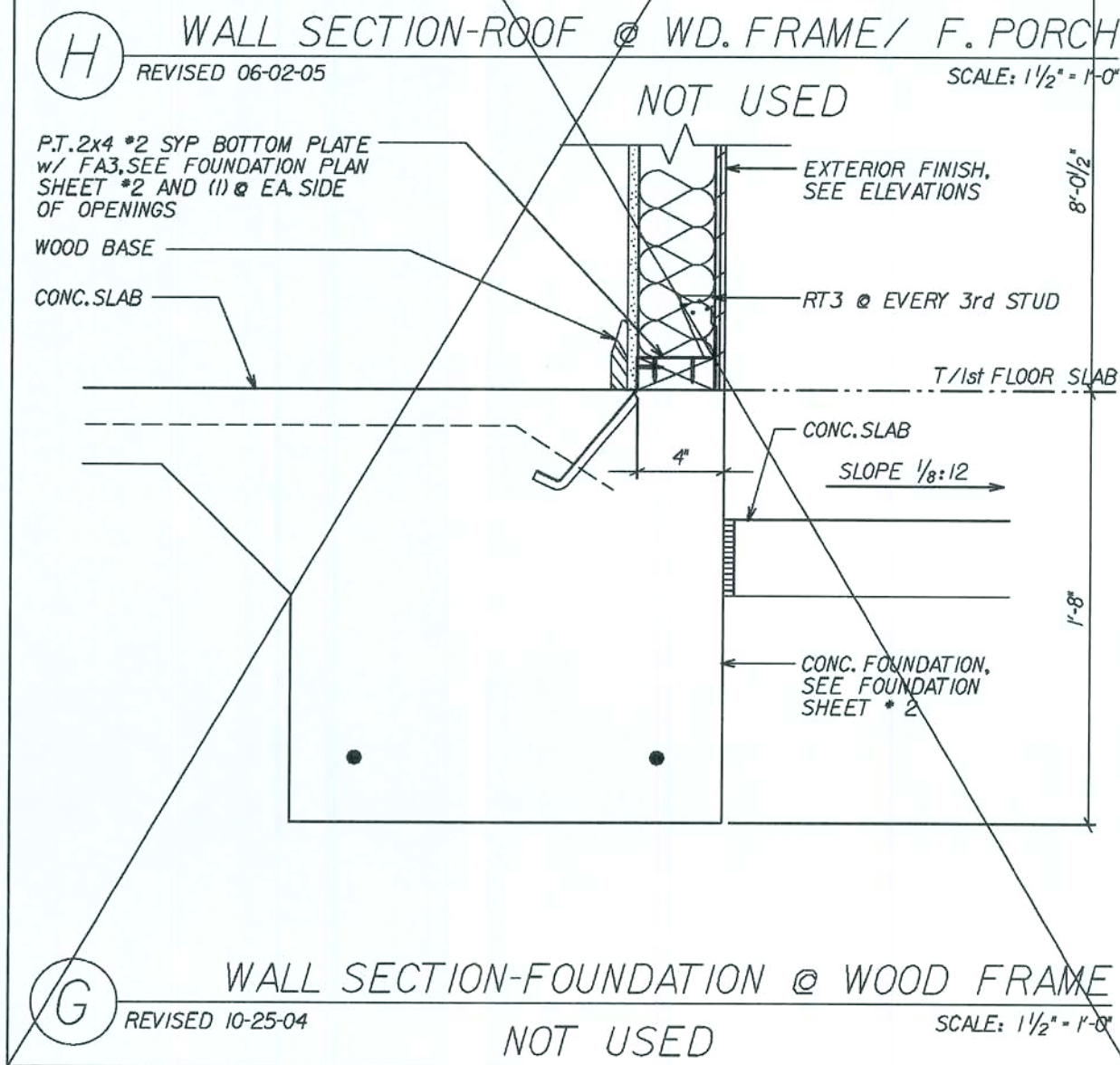
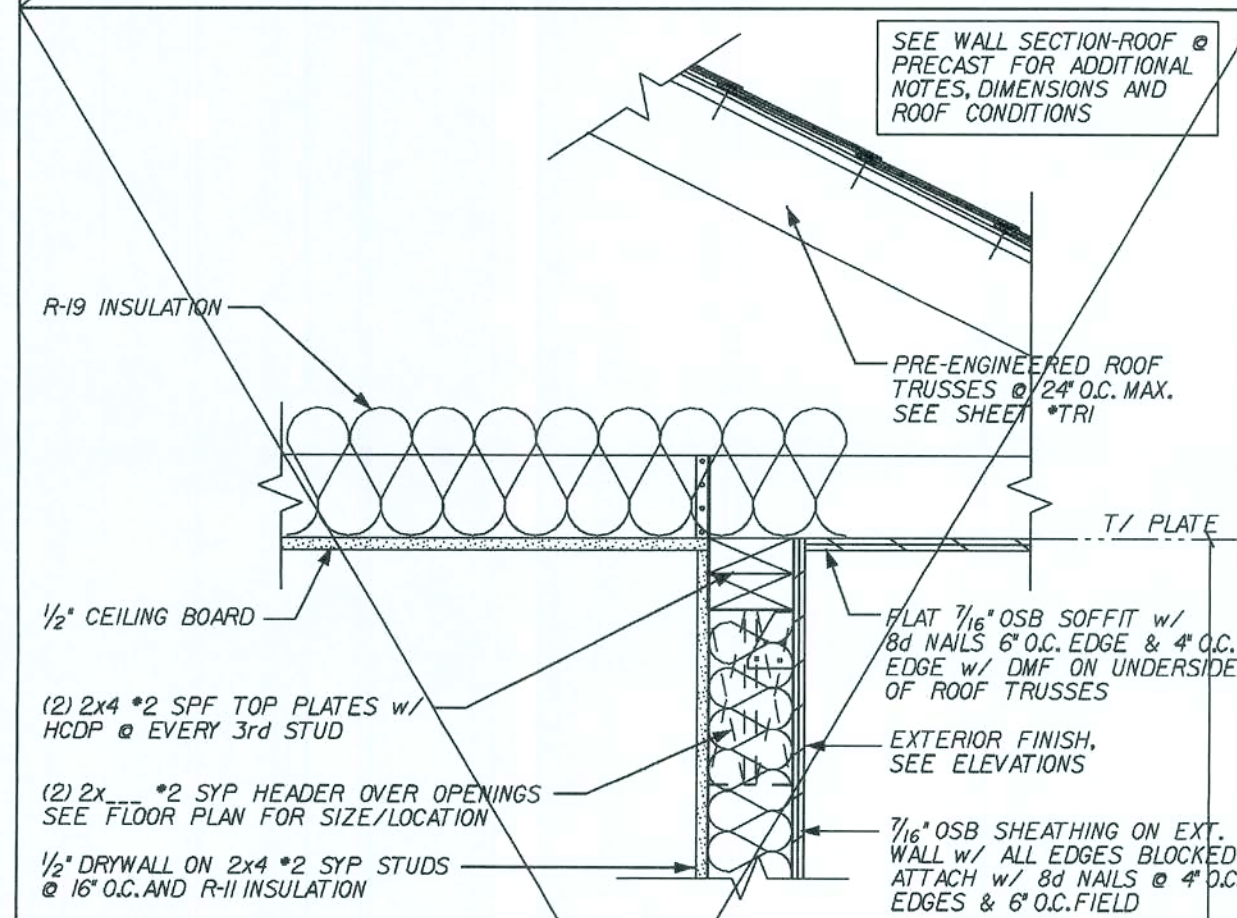
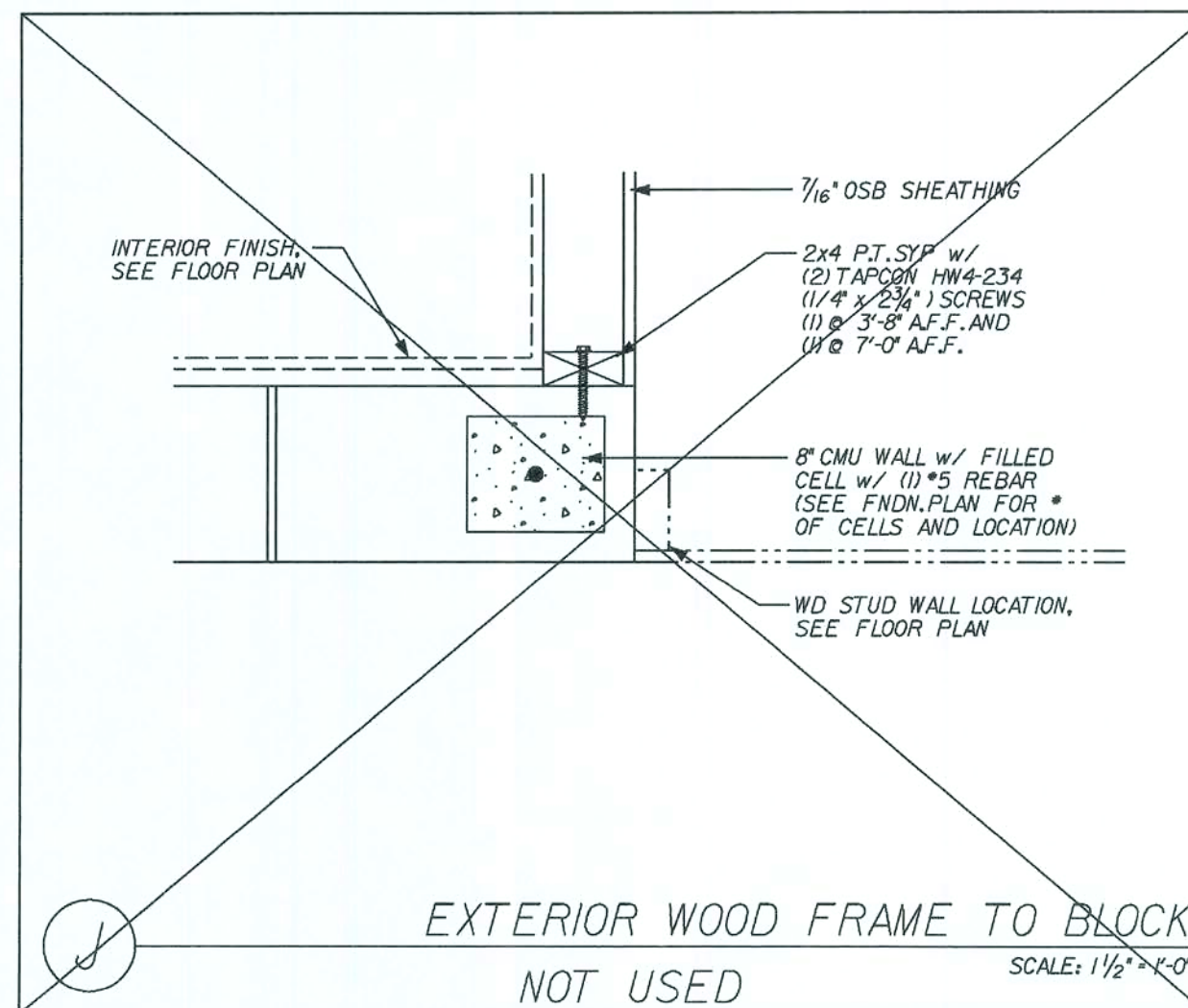
CHESAPEAKE

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

Elmer Bergman, P.E.
 License No. 50158
 MAY 23 2008

FTG

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



REVISIONS:

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ONE STORY WALL SECTIONS

Maronda Homes

FLORIDA

4005 MARONDA WAY SANFORD, FL 32771

(407) 321-0064

PLOT DATE: 15 JAN 2008

CHESAPEAKE

Maronda Systems

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

RELEASE DATE: 11-02-04

DRAWN BY:

Elmer Bergman, P.E.

Elmer Bergman, P.E.
License No. 50158

RELEASE DATE: 11-02-04

WS-B1

MAY 23 2008

RELEASE DATE: 11-02-04

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

WS-B1

RELEASE DATE: 11-02-04

The image contains four architectural detail drawings arranged in a 2x2 grid, separated by a vertical line. The top section is titled 'CERAMIC TILE TO CARPET' and the bottom section is titled 'VINYL TO CARPET'. Each section has two drawings: 'OUTSIDE CORNER' on the left and 'INSIDE CORNER' on the right. The drawings show the transition from a hard surface (tile or vinyl) to carpet at a corner. In the 'OUTSIDE CORNER' drawings, the hard surface is on the left and the carpet is on the right. In the 'INSIDE CORNER' drawings, the hard surface is on the right and the carpet is on the left. The drawings include labels for 'CER. TILE', 'VINYL', and 'CARPET'. A scale of 1/2" = 1'-0" is indicated at the bottom right.

CERAMIC TILE TO CARPET

OUTSIDE CORNER

INSIDE CORNER

VINYL TO CARPET

OUTSIDE CORNER

INSIDE CORNER

FLOOR EDGE CORNER DETAIL

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

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

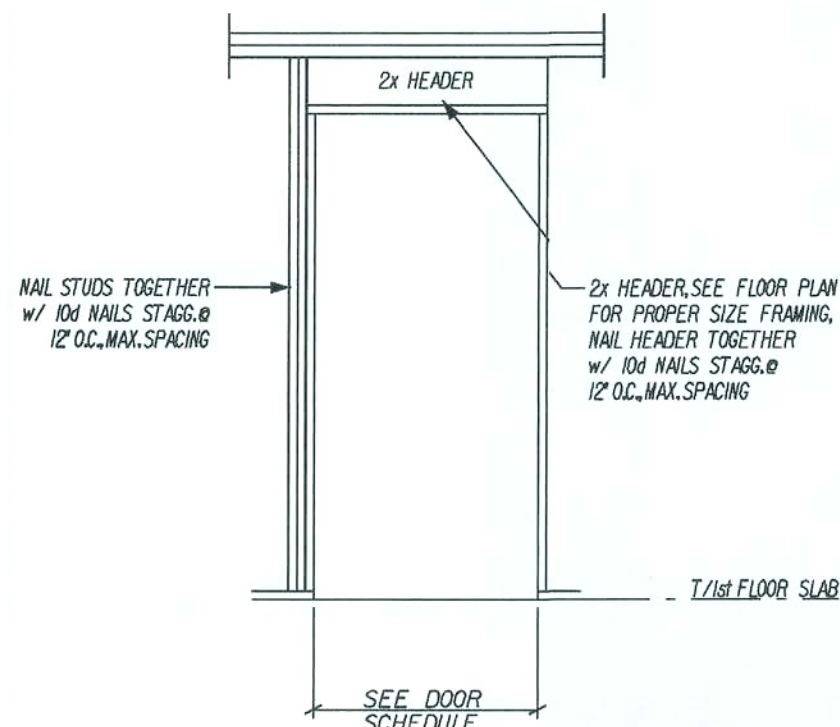
REVISED 02-15-07
83 3/4" -> 82 1/2"

DOOR SCHEDULE

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

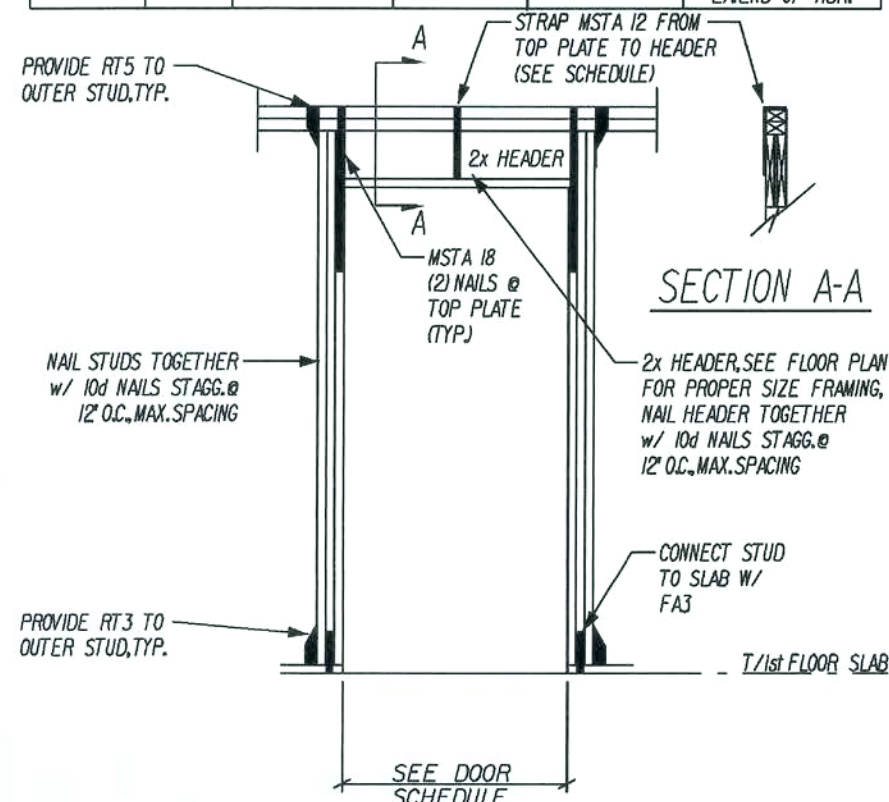
- ** FINISH OPENING IS DETERMINED BY ACTUAL SIZE 1/4" FOR HEIGHT
- ** FINISH OPENING IS DETERMINED BY ACTUAL SIZE 1/2" FOR WIDTH
- ** O.S. = OUTSWING
- ** I.S. = INSWING

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

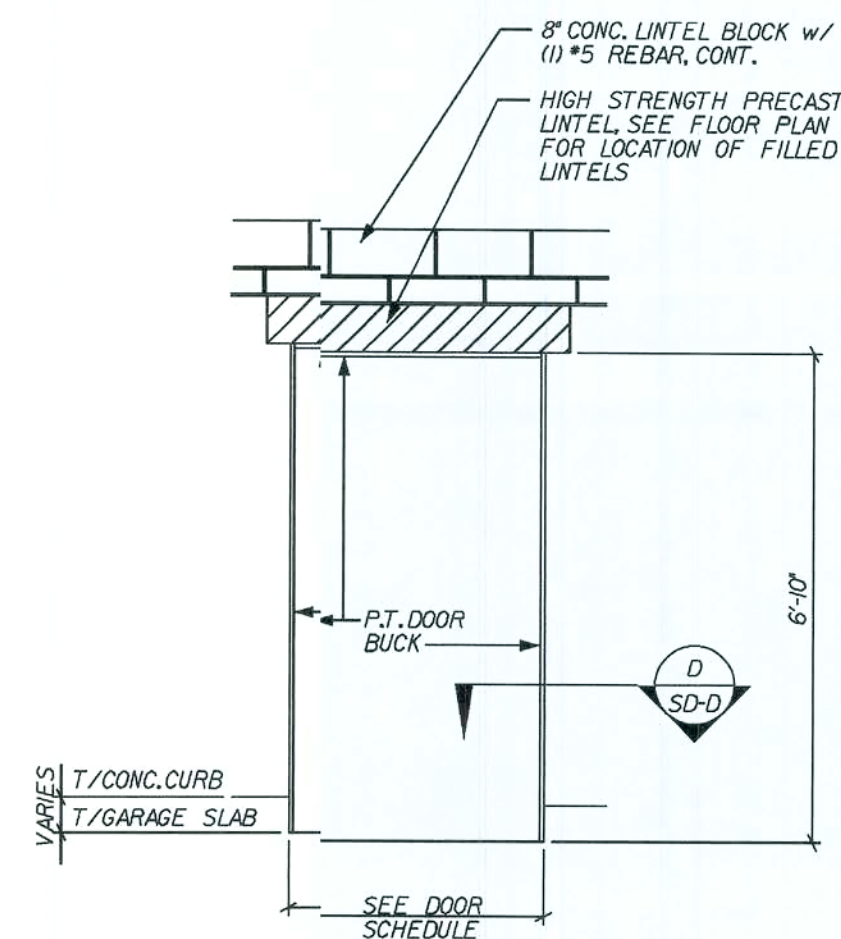


(K) STD. DOOR - WD FRME, NO-UPLIFT
SCALE: N.T.S.

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.

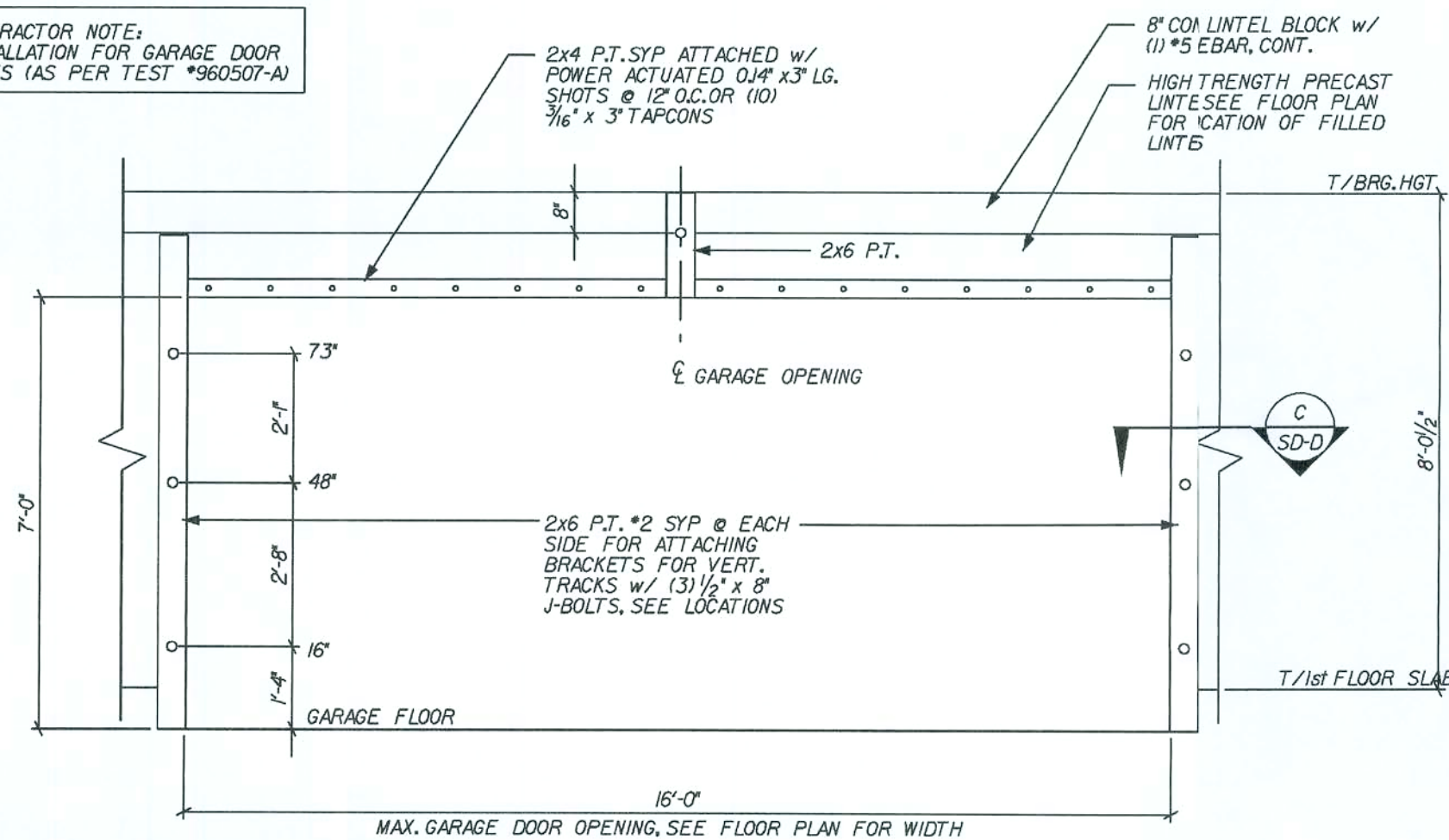


(J) STD. DOOR - WD FRAME, UPLIFT
SCALE: N.T.S.

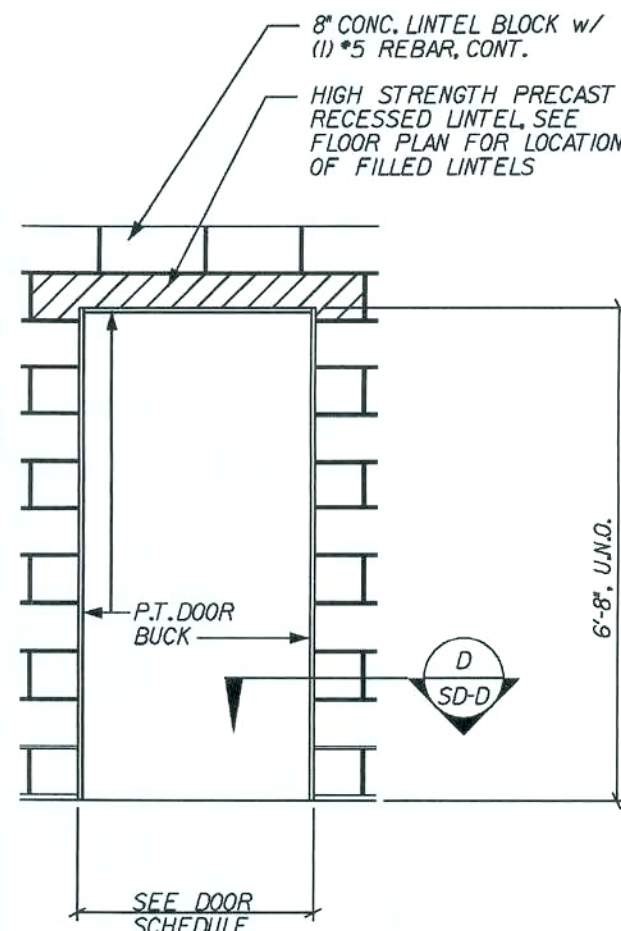


(H) OPTIONAL SERVICE DOOR
REVISED 08-12-04
SCALE: 3/8" = 1'-0"

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

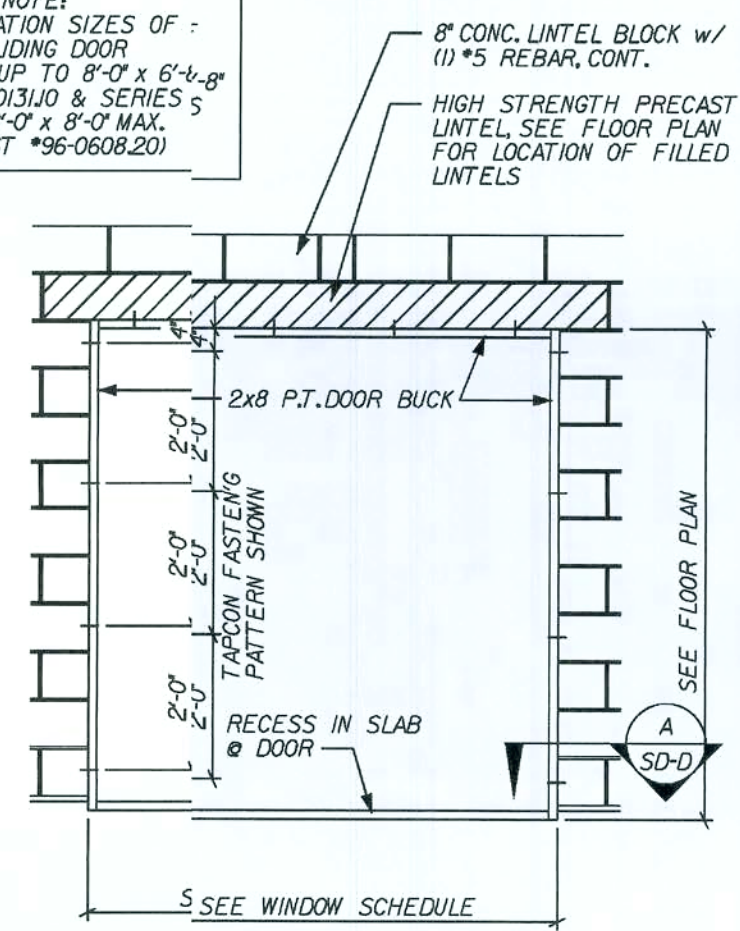


(G) GARAGE DOOR ELEVATION
SCALE: 3/8" = 1'-0"

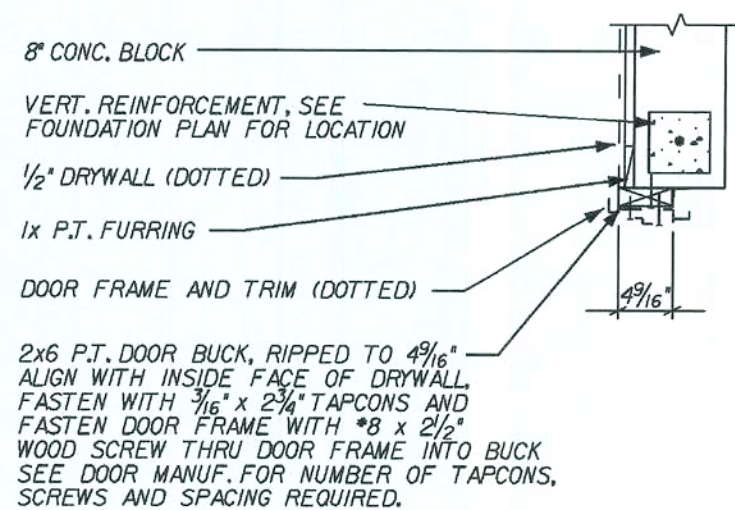


(F) STANDARD DOOR ELEVATION
SCALE: 3/8" = 1'-0"

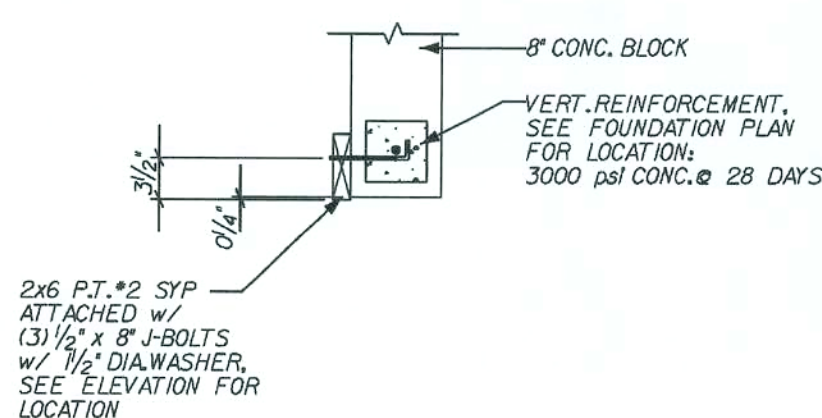
CONTRACTOR NOTE:
FOR INSTALLATION, SIZES OF:
NORANDEX SLIDING DOOR
SERIES 500 UP TO 8'-0" x 6'-4"-8"
AS PER *96-0131.0 & SERIES S
502 UP TO 8'-0" x 8'-0" MAX.
(AS PER TEST *96-0608.20)



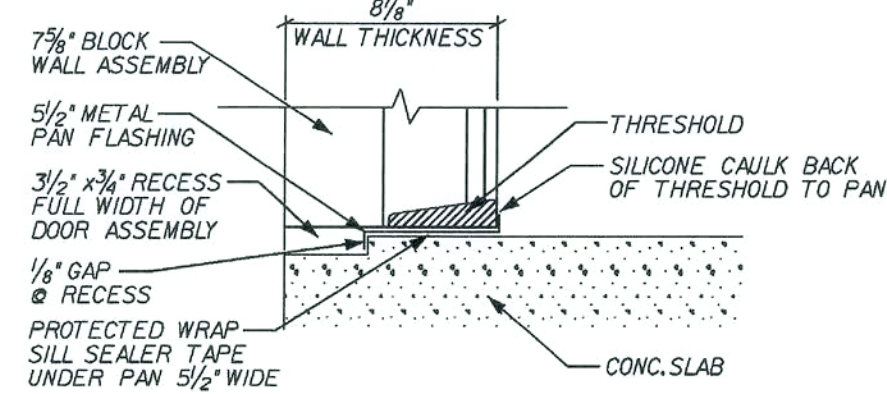
(E) SLIDING GLASS DOOR ELEVATION
SCALE: 3/8" = 1'-0"



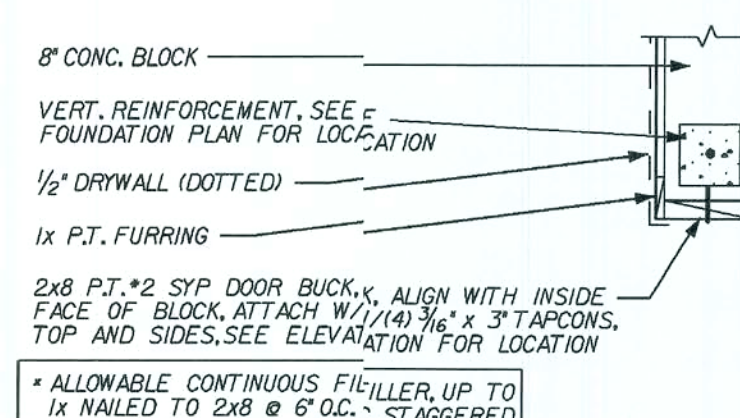
(D) 2x DOOR BUCK DETAIL
SCALE: 3/4" = 1'-0"



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



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



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

REVISIONS:

06-22-06 ADDED DOOR PAN DETAIL

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MENTS OF THE FLORIDA BUILDING CODE
BOOK RESIDENTIAL AND 2006 SUP-
PLEMENT

CHESAPEAKE

DOORS STANDARD DETAILS

DRAWN BY: GARAGE:

RELEASE DATE: 11-02-04

1030457

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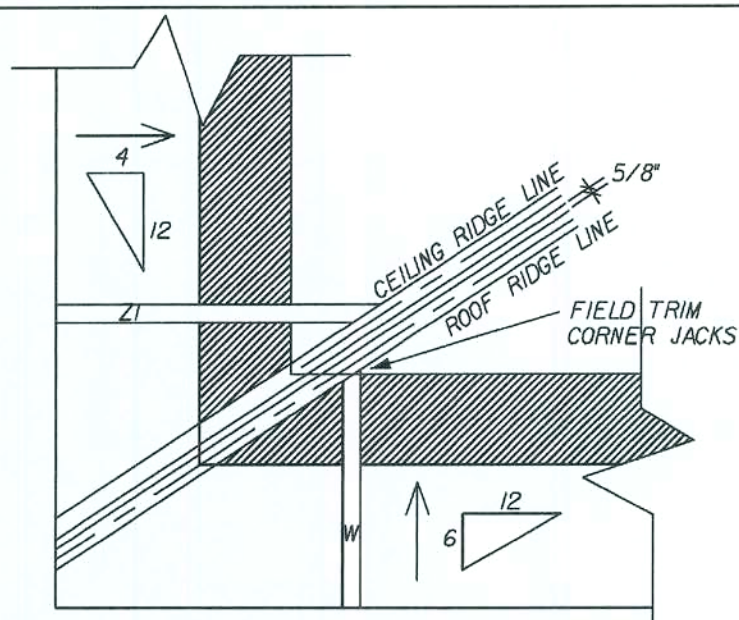
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License No. 50158

MAY 23 2008

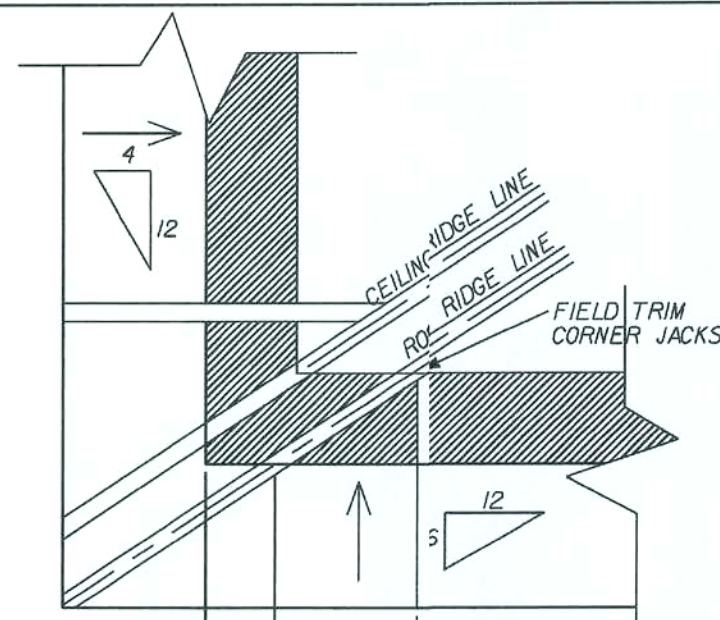
SHEET:

SD-D

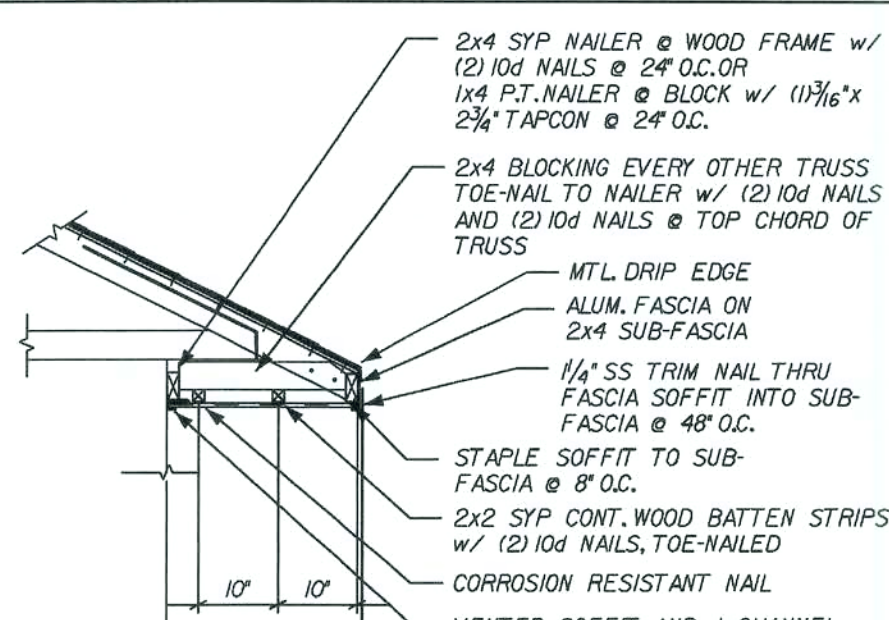
PLOT DATE: 15 JAN 2008



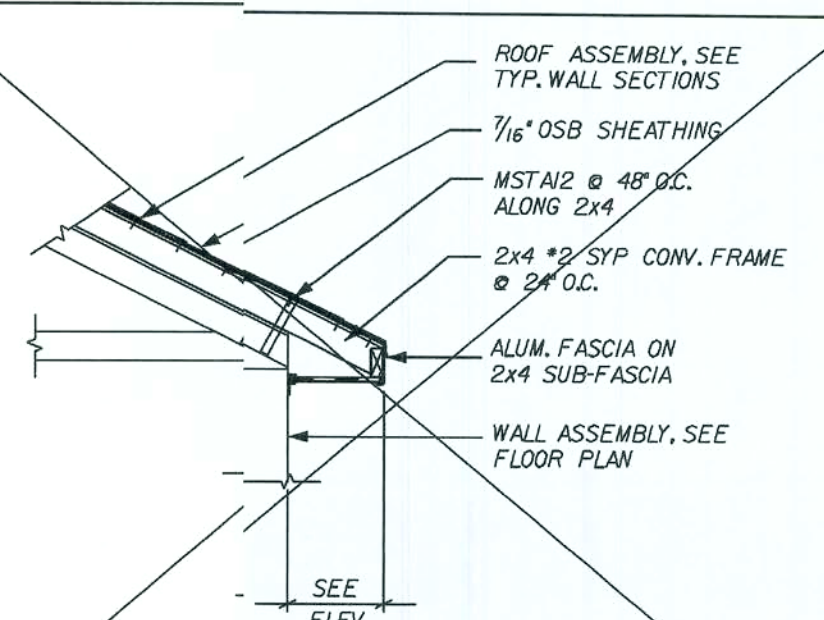
TRUSS PLACEMENT CORNER DETAIL B
A,B,C,K ELEVATIONS ONLY SCALE: N.T.S.



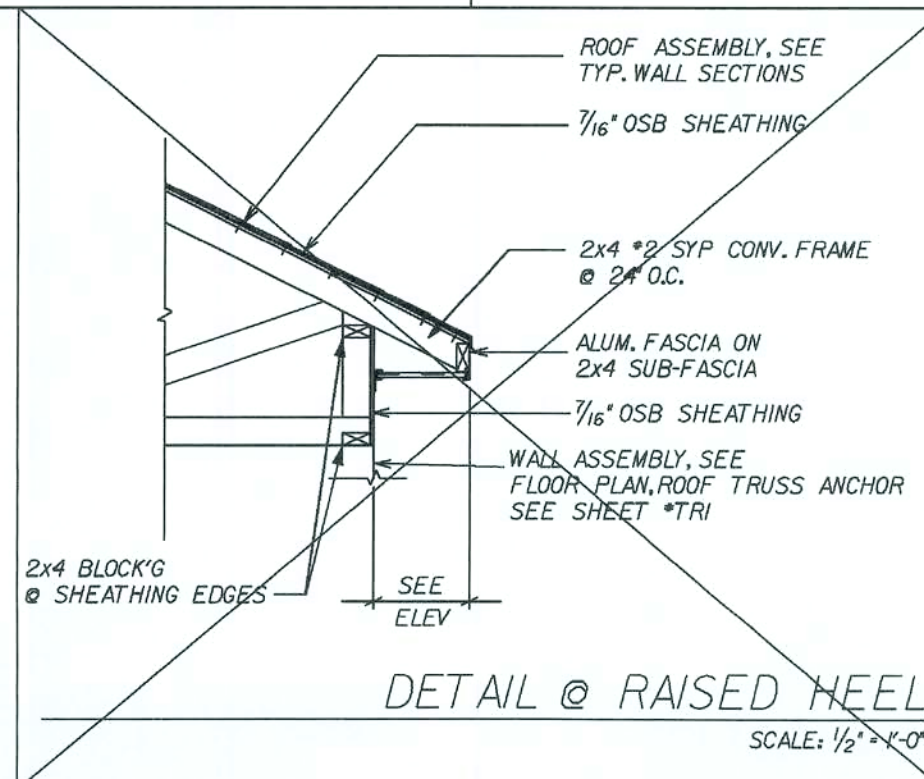
TRUSS PLACEMENT CORNER DETAIL A
H,J ELEVATIONS ONLY SCALE: N.T.S.



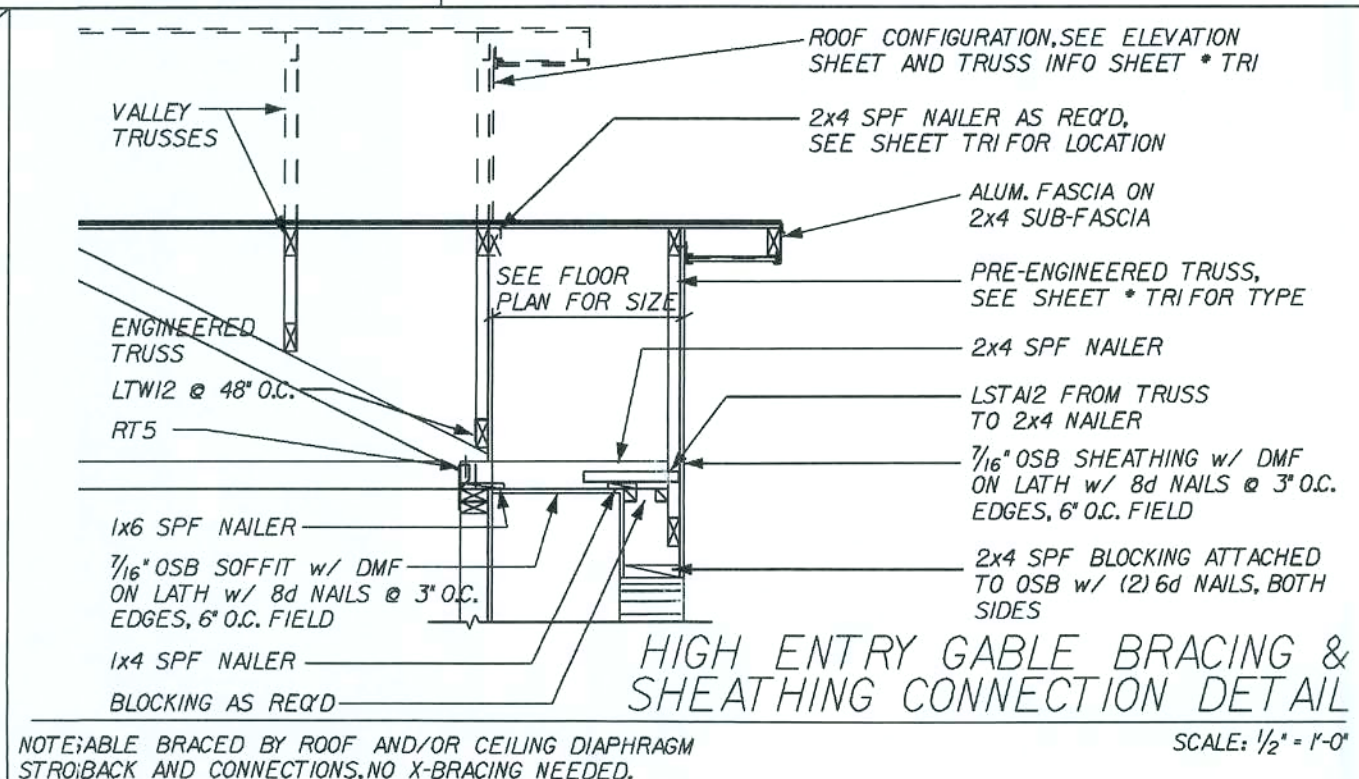
TYP. SOFFIT @ 24" O.H. or LARGER
REVISED 01-11-05 SCALE: 1/2" = 1'-0"



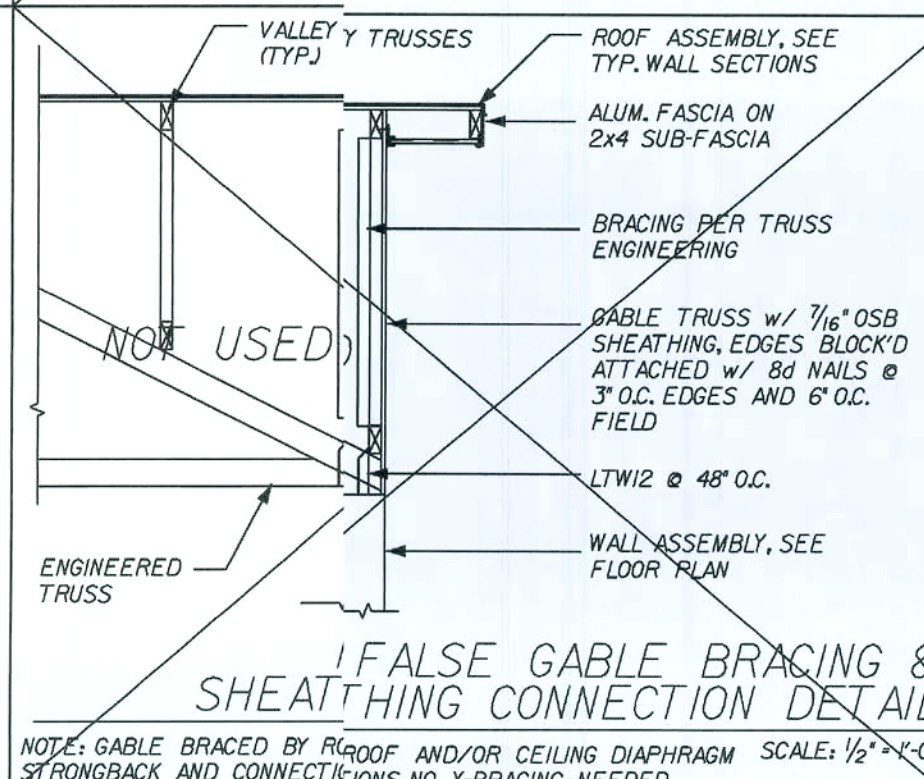
CONV. FRAMED HIP ROOF
NOT USED SCALE: 1/2" = 1'-0"



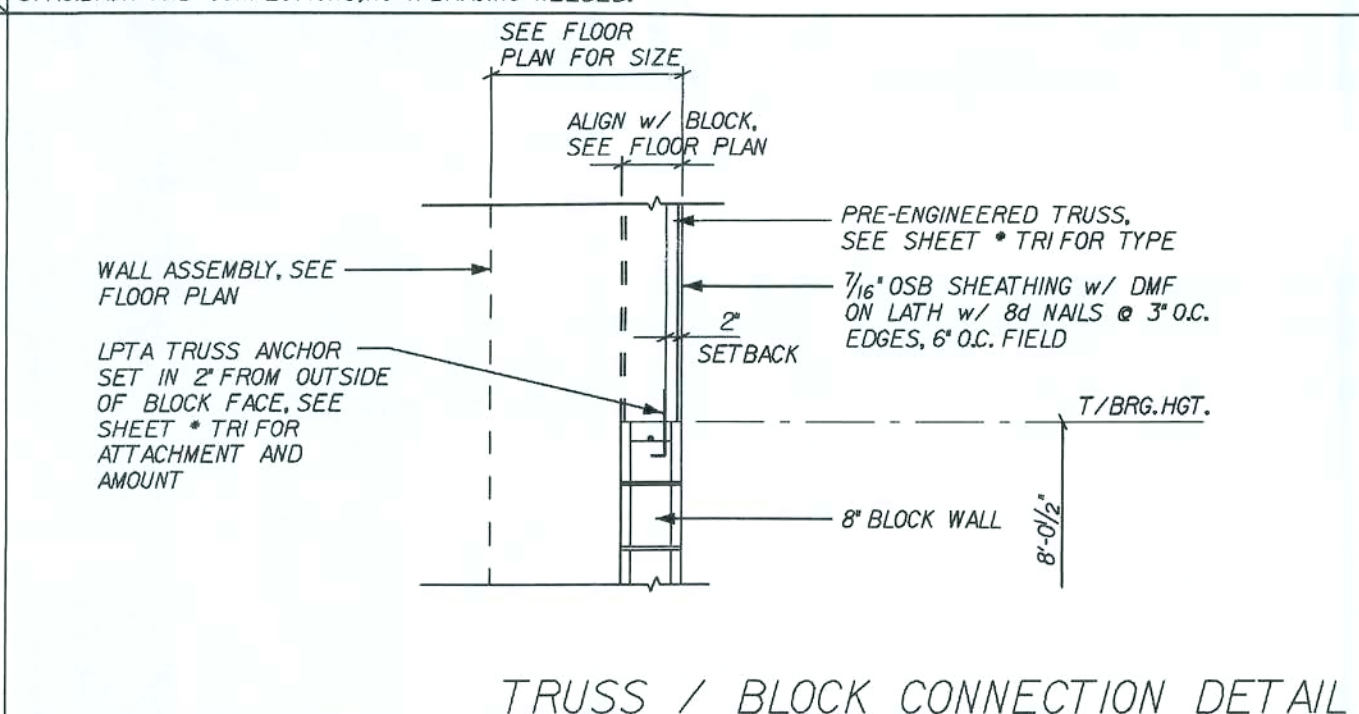
DETAIL @ RAISED HEEL
SCALE: 1/2" = 1'-0"



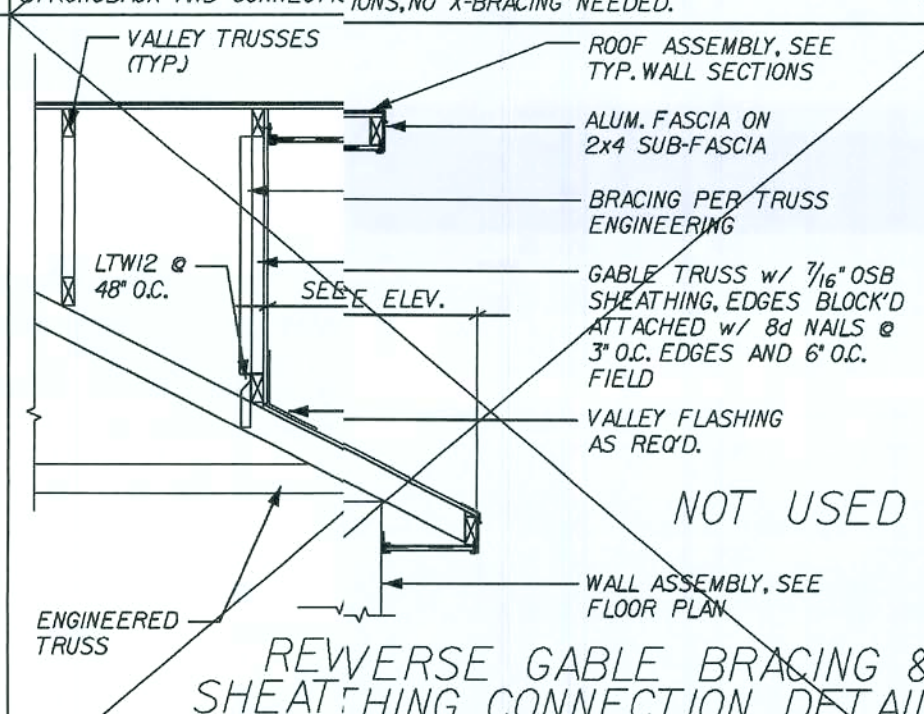
HIGH ENTRY GABLE BRACING & SHEATHING CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



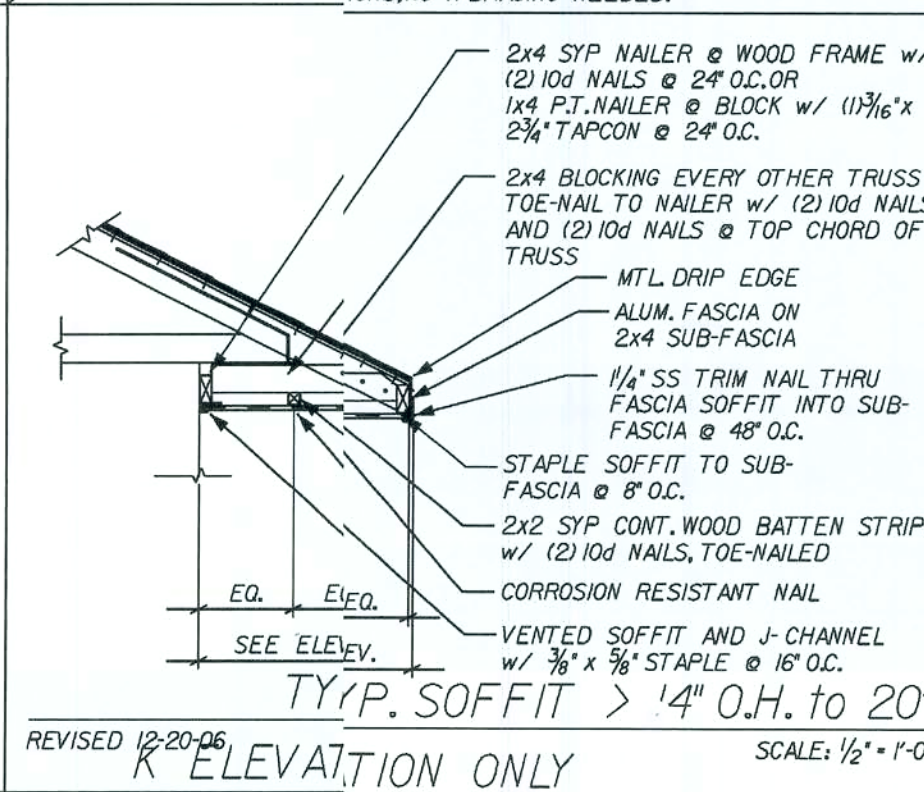
FALSE GABLE BRACING & SHEATHING CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



TRUSS / BLOCK CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



REVERSE GABLE BRACING & SHEATHING CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



TYP. SOFFIT > 14" O.H. to 20"
K ELEVATION ONLY SCALE: 1/2" = 1'-0"

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ROOF STANDARD DETAILS

CHESAPEAKE

DRAWN BY: GARAGE:
RELEASE DATE: 11-02-04

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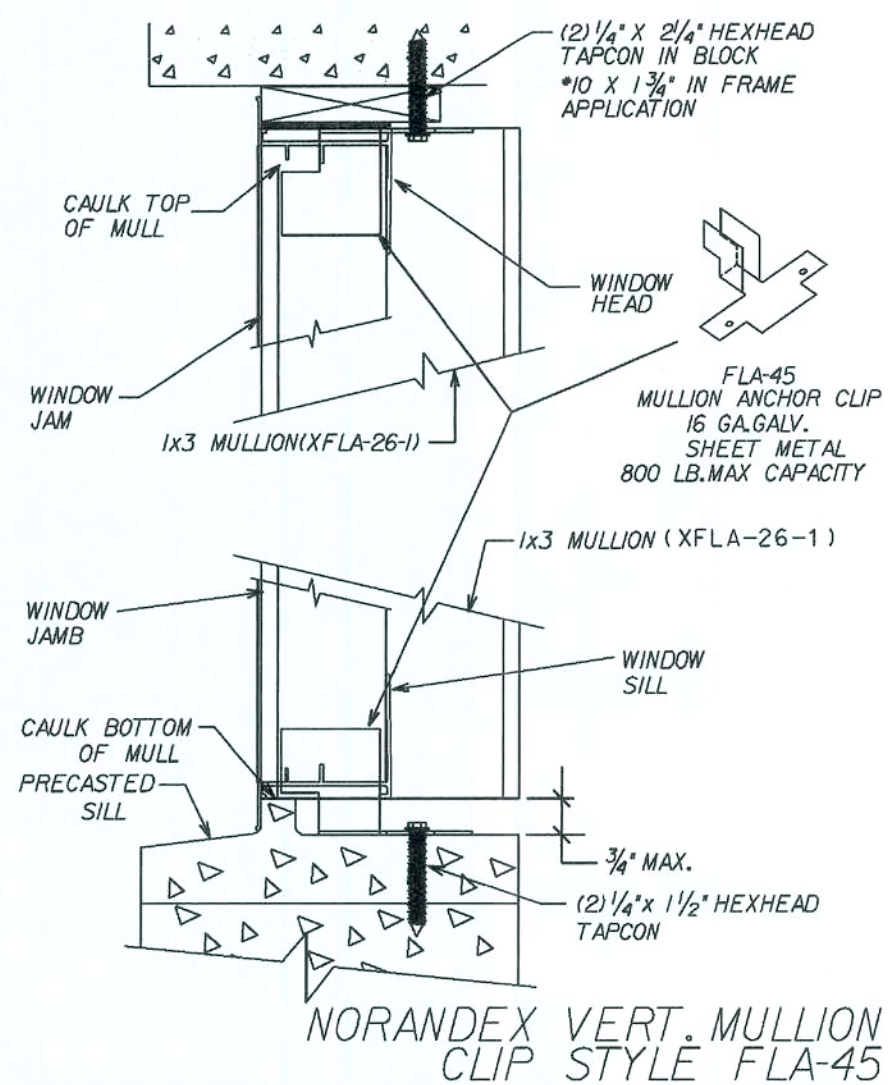
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SD-R

FLORIDA BUILDING CODE 2004: RESIDENTIAL

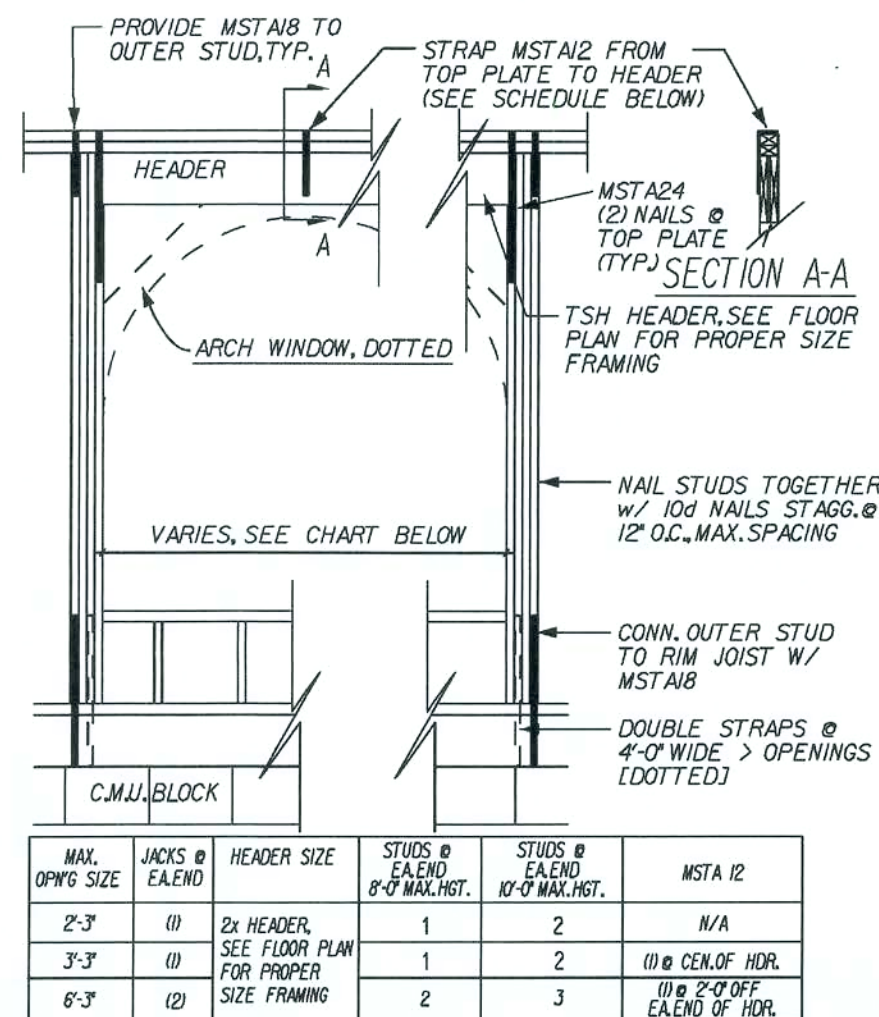
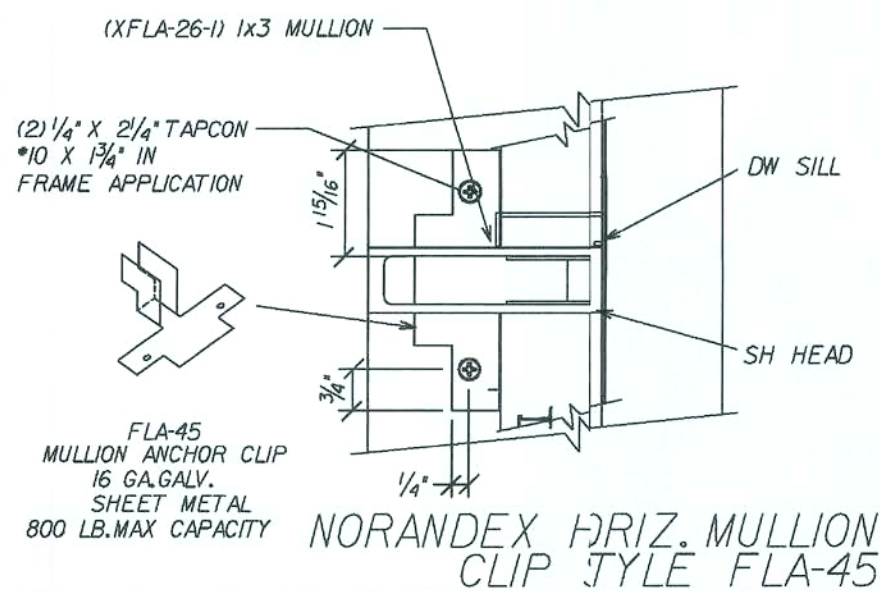
PLOT DATE: 15 JAN 2008

100458

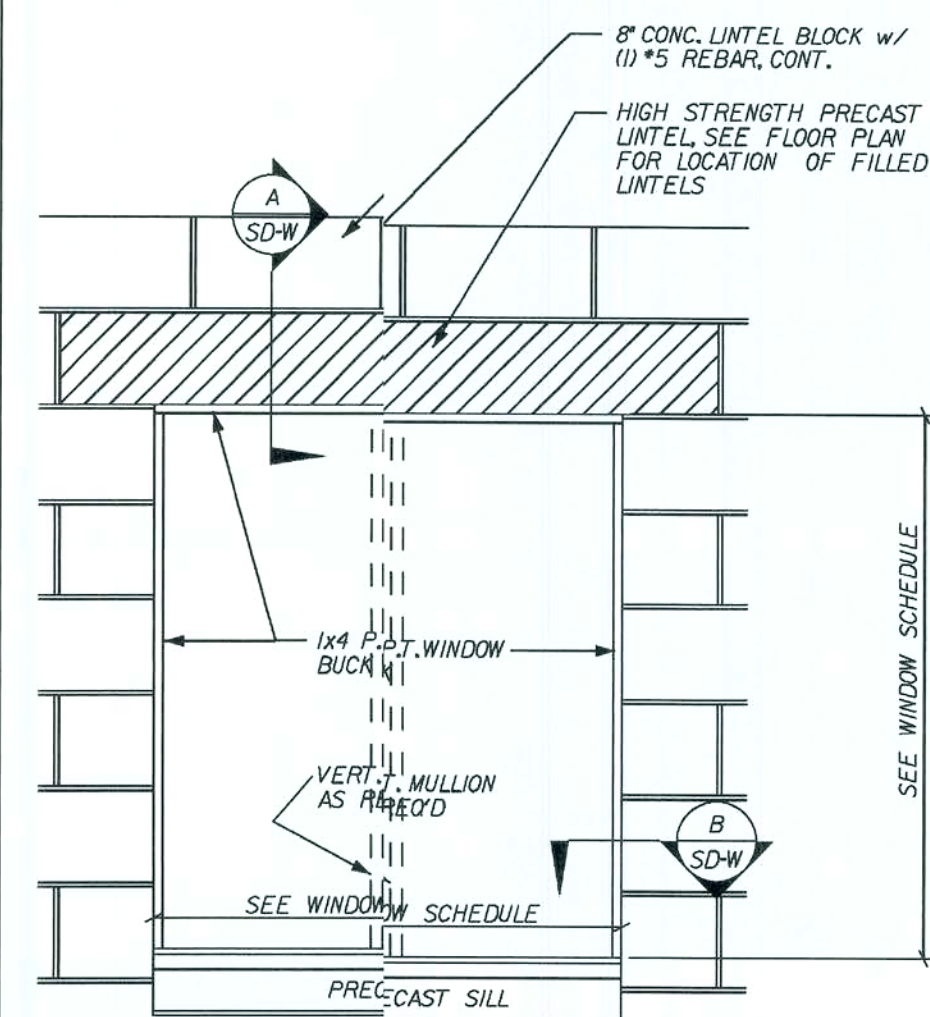


CONTRACTOR NOTE:
FOR INSTALLATION SIZES OF
NORANDEX WINDOW SERIES
437/438 UP TO 53 $\frac{1}{8}$ " x 73 $\frac{3}{8}$ "
AS PER TEST #96-06242.

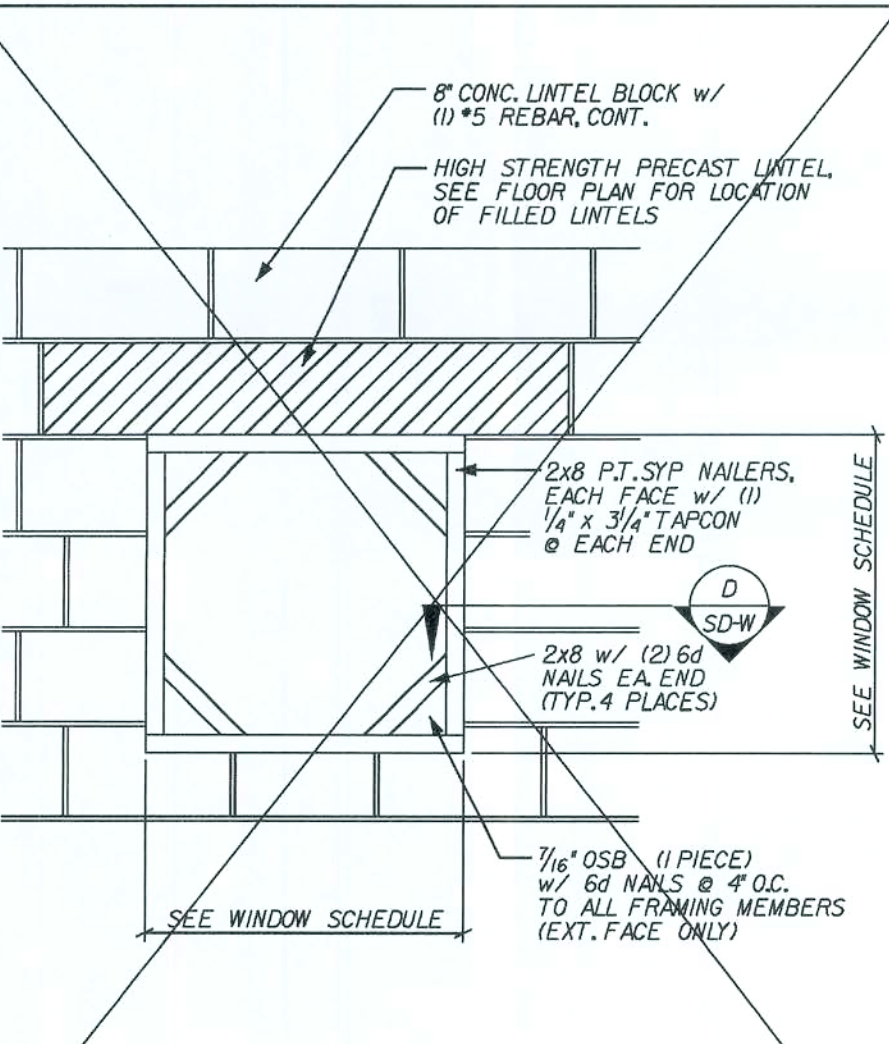
STANDARD WINDOW DETAS IN
BLOCK WALLS UP TO 10 FEET
HIGH



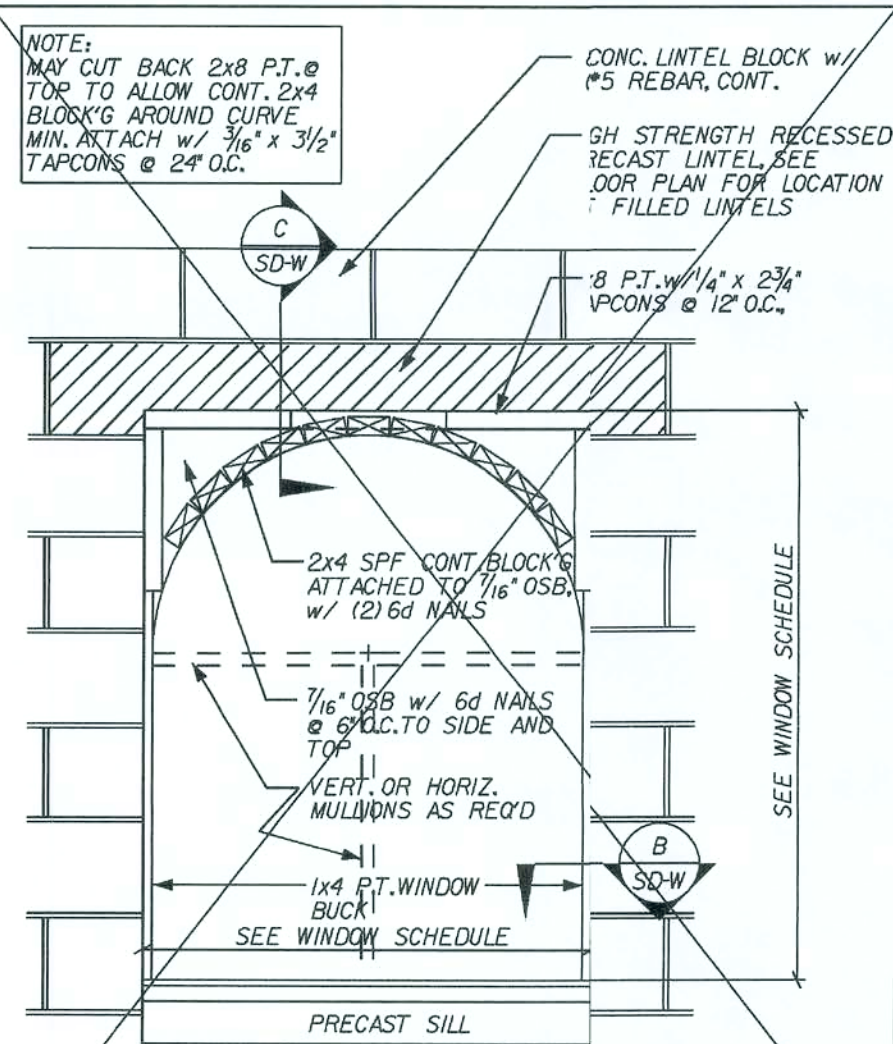
K
TYP. HEADER DETAIL-2ND FLOOR FRAMING
REVISED 06-06-07 : PER WALL PANELS
SCALE: N.T.S.



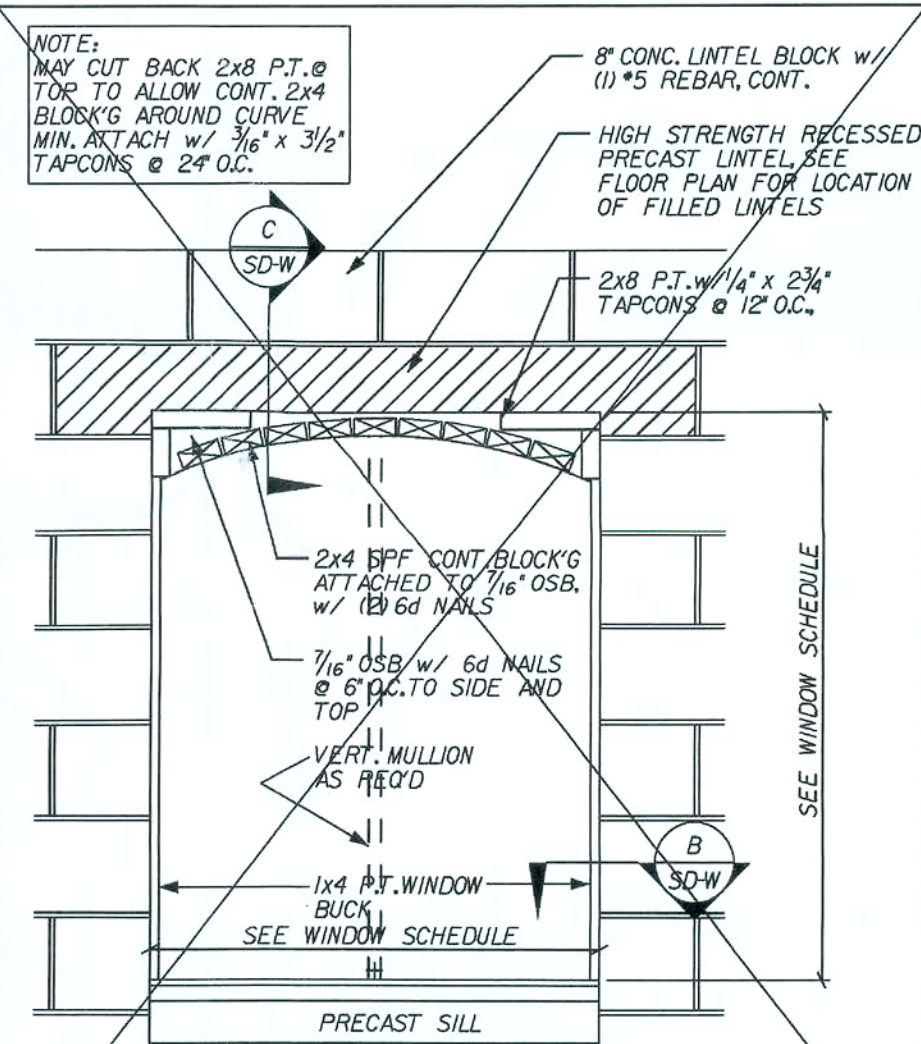
J
WINDOW-STANDARD-BLK
SCALE: 3/4" = 1'-0"



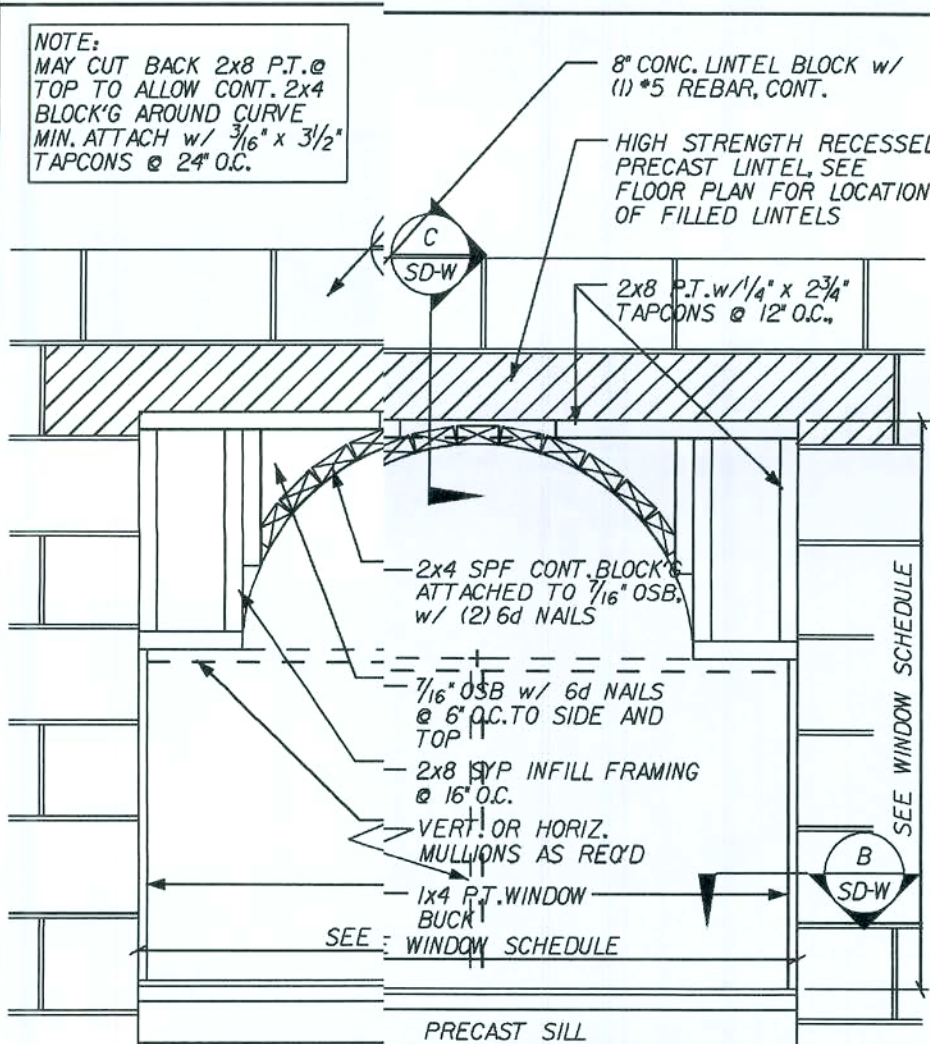
~~WINDOW-OCTAGON-BLK~~
NOT USED SCALE: $\frac{3}{4}" = 1'-0"$



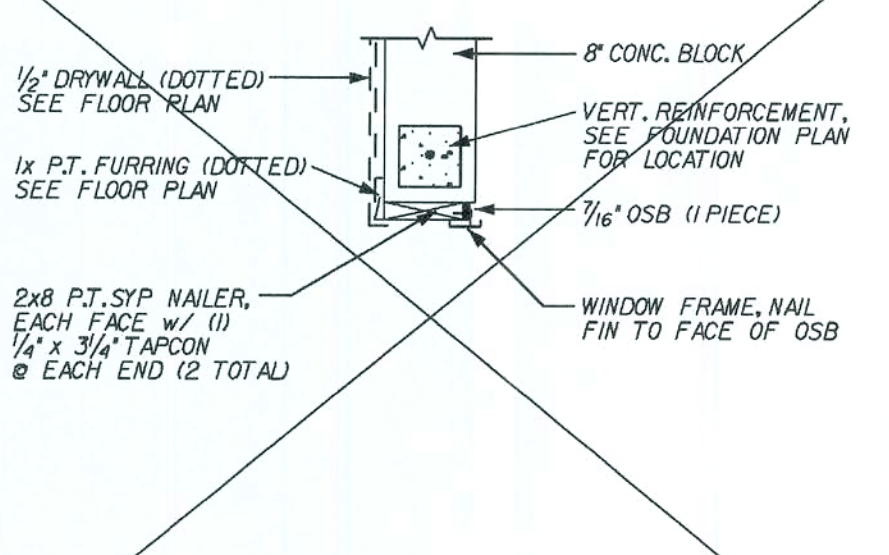
~~WINDOW-1/2 RND TOP-BLK~~
~~NOT USED~~ SCALE: $\frac{3}{4}" = 1'-0"$



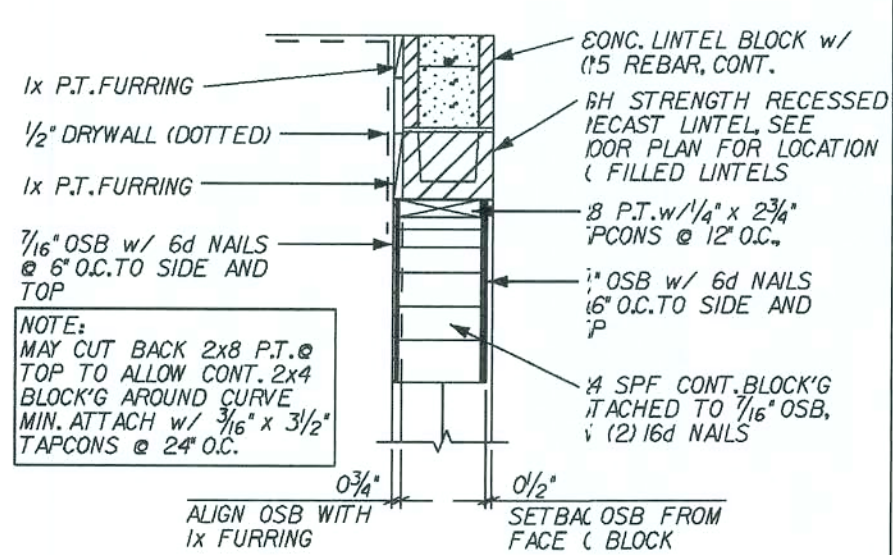
~~WINDOW-EYEBROW-BLK~~
NOT USED SCALE: $\frac{3}{4}" = 1'-0"$



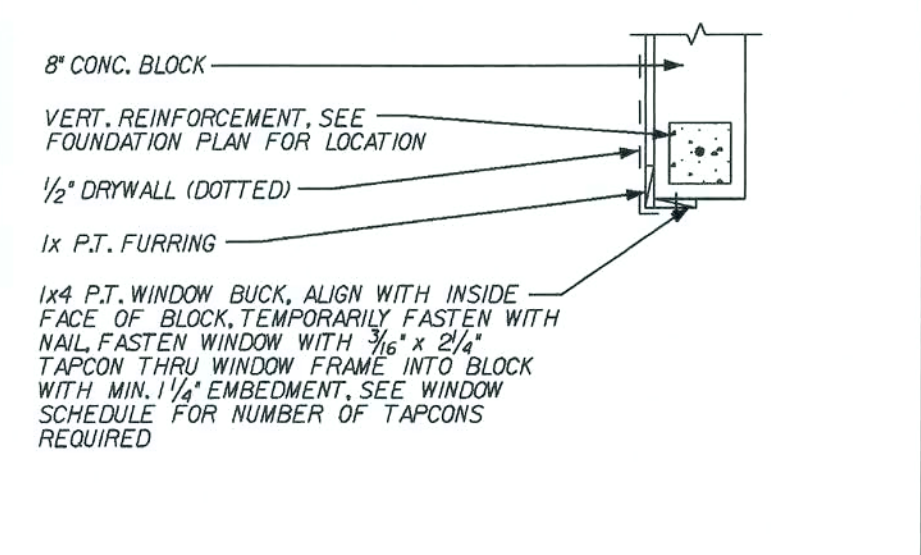
(E) W WINDOW-COMBINATION-BLK
K ELEVATION ONLY SCALE: 3/4" = 1'-0"



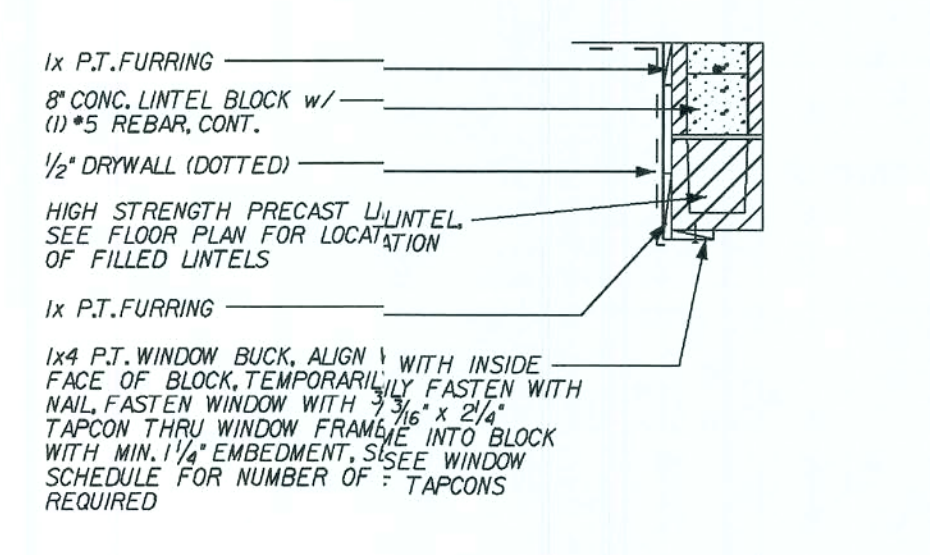
~~WINDOW JAMB-OCTAGON-BLK~~
~~NOT USED~~ SCALE: $\frac{3}{4}" = 1'-0"$



© WINDOW HEAD-ARCH WINDOW-BLK
K ELEVATION Q1Y SCALE: $\frac{3}{4}" = 1'-0"$




WINDOW JAMB-STANDARD-BLK
SCALE: $\frac{3}{4}" = 1'-0"$



(A) WINDOW HEAD-STANDARD-BLK
SCALE: 3/4" = 1'-0"

REVIEWS :

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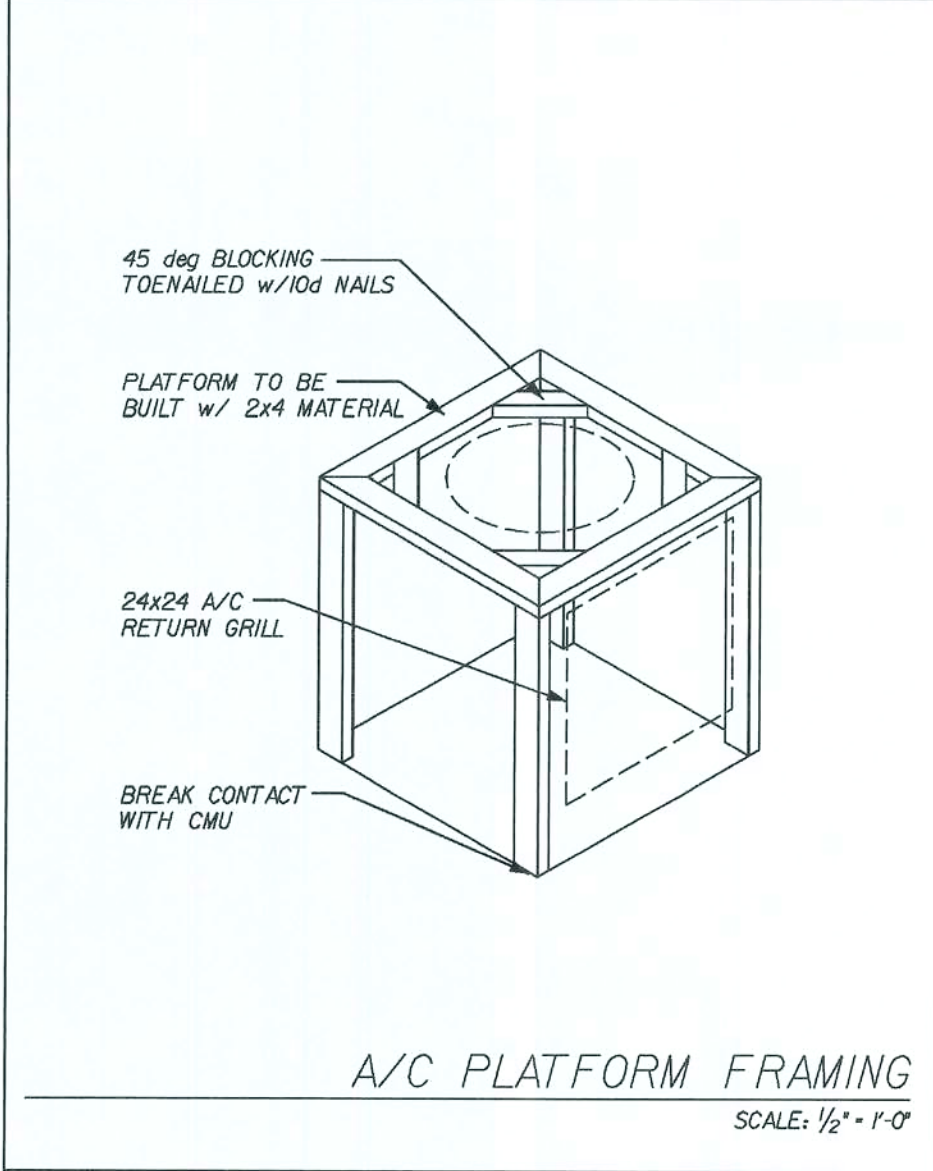
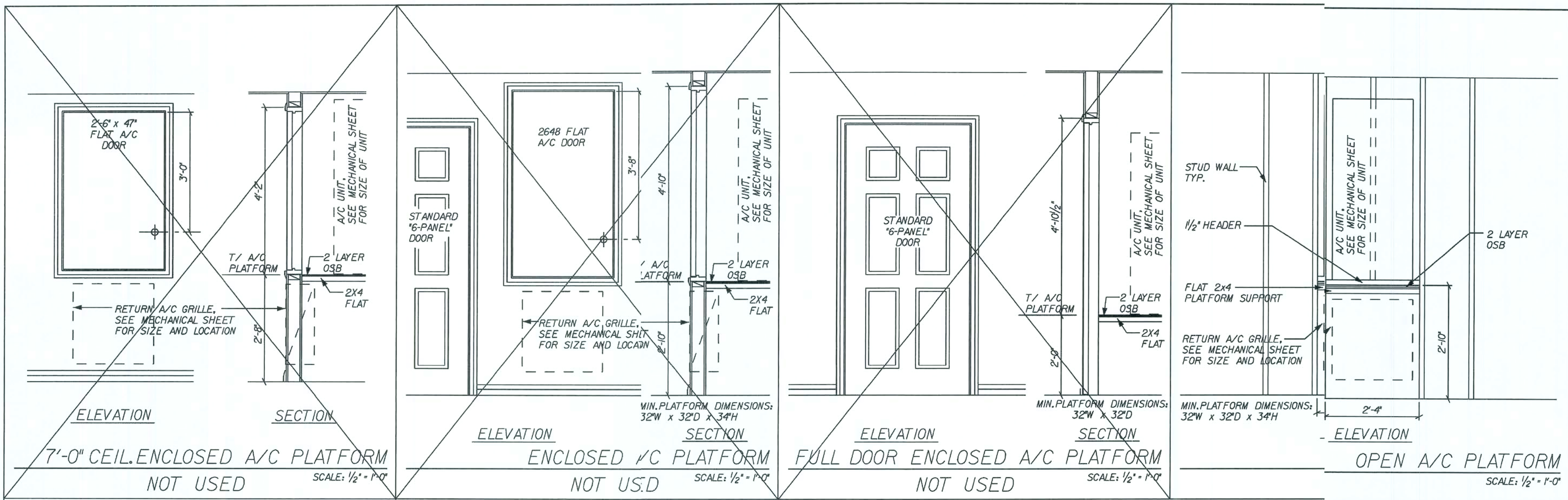
WINDOWS	STANDARD DETAILS
---------	------------------

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MAY 23 2008

SHEET:
SD-W

C:\Program Files\Windows NT\Winlogon\ntuser.dat



REVISIONS :	
Maronda Homes (407) 321-0064 4005 MARONDA WAY SANFORD, FLORIDA THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004 : RESIDENTIAL AND 2005, 2006 SUPPLEMENT p:\V\Drawings_05\chessapeake\3d\std_details.sch	
PLATFORM	STANDARD DETAILS
CHESAPEAKE	
AIR-HEAT DETAILS	
DRAWN BY:	GARAGE:
RELEASE DATE:	11-02-04
Maronda Systems 4005 Maronda Way Sanford, FL 32771 (407)321-0064 Elmer Bergman, P.E. License No. 50158 MAY 23 2008	
SHEET:	
SD-H	
PLOT DATE: 15 JAN 2008	

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) SHIPPING:

- a. FLANGE FRAME WINDOWS - Shim as required at each installation fastener with load bearing shim. The maximum allowable shim stack 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 (or approved equal) to the fastener location prior to installing the shim to adhere the shim to the substrate and/or window frame. Full bearing between the shim, substrate and window frame are required.
- 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 & SILL SEAM SEALANT (See Disclaimer Statement above)

- a. GENERAL - SEALANT TYPE (not applicable when a specific brand or type is required) Sealant type shall be chosen based on the sealant manufacturer's recommendation as it relates to materials to be sealed, environmental conditions and intended use.
- b. WINDOWS - FLANGE FRAME
 - i. Adhesive Seal - REQUIRED
 - 1. Use Vulkem 116 adhesive sealant or approved equal between window's largest 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. Sealant - RECOMMENDED (see Disclaimer)
 - 1. Sliding glass doors received in "Knock-Downed" condition shall have jamb and sill corners sealed with a small point sealant.
 - 2. Use sealant behind door flange at head & jambs and behind lock strip.
 - 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 1.
- 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 be applied 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 not specify fastener requirements for the bucking, they shall be as follows:
 - a. If the product specific installation drawing does not specify fastener requirements for the bucking, fasteners must only be sufficient to maintain position of the bucking during window installation.
 - b. 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 for 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 for concrete screws.
 - c. No. 29 size drill bit for 0.131" 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 testing 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 drawing 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 into the receiving substrate (monitoring the point) is not less than 1 1/4".
 - 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.

FASTENER LOCATION TABLE (See Elevation View, Sheet 1)

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

FASTENER LOCATION TABLE NOTES:

- 1. This chart and Notes 1, J, K, L, M and N for use when n 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 2 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.

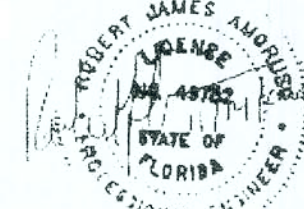
DISCLAIMER

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

NOTE ON PE SEALING

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

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



Drawing No. FLEX20100
Sheet 1 of 2

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

General Notes Drawing for Milestone Series 1000, 1500, 2000 and 3000 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.

REVISIONS:
1. 11/14/06 RJA Revised Anchorage
2. 1/20/07 RJA Editorial Corrections

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

FLORIDA EXTRUDERS
WINDOWS IN BLOCK

Maronda Homes

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RELEASE DATE:

SHEET:

3 of 3

Drawing No. FLEX22110
Sheet 2 of 2

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 and product approval number(s) for the building components listed below as applicable to the building construction project for the permit number listed above. You should contact your product supplier if you do not know the product approval number for any of the applicable 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 localities adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads For Building and Other Structures.	FL 6729J FL 6729.5	+50 / -50 +50 / -50
2. Sliding	Simonton/Norandex Florida Extruders	Sliding Glass Doors	500 72X80 SGD-R Milestone 1000 SGD	FL 5979J FL 45J	+50 / -50 +45 / -45
3. Sectional	Wayne Dalton	Garage Doors 130 16' 9/100 / 5/20 8"	As Indicated in evaluation report and installation drawings. Not to be used in HVHZ.	FL 5287J FL 5287.3 FL 9174.4 FL 9174.5	+26.9 / -30.8 +25.9 / -28.8 +43.2 / -49.6 +39.2 / -43.7
4. Roll up		Garage Doors 140 16' 9/100 / 5/20 8"			
B. WINDOWS					
1. Single Hung	H-R Windows Danwid Window Co Florida Extruders	300 Fin Single Hung 34" Flange Frame S.H. Milestone 1000 S.H.	40-17 72x74 H-R4:	FL 5089J FL 2752J FL 42J	+45 / -45 +55 / -55 +45 / -45
2. Horizontal Slider					
3. Casement					
4. Double hung					
5. Fixed	H-R Windows Danwid Window Co Florida Extruders	300 Fin Frame Fixed 34" Flange Frame Fixed Milestone 1000 Fixed	437.438 111X63 F-C6C3/16 Tempered Glass Flange & Fin	FL 1291.2 FL 2349J FL 44J	+55 / -55 +70 / -70 +45 / -45
6. Awning					
7. Pass-through					
8. Projected					
9. Mullion	H-R Windows Florida Extruders	Mullions Milestone Tube Mull Fin Or Flange	Evaluated for use in localities adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads for Building and Other Structures.	FL 5782 FL 3136-R2	+45 / -45
10. Wind breaker					
11. Dual action					
12. Other					
C. PANEL WALL					
1. Siding	Owen Corning	Norandex - Summit Manor Dbl 4.5 Dutch Lap Reynolds - Easy Street Dbl 4.5 Dutch Lap	This Evaluation is not for use within the FBC HVF or on Education Facilities within the State of Florida. Vinyl Siding is limited to Type V construction, as defined in 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 any material permitted by this code. Compliance valid only if the subject profile grade has been 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	FL 4459J	46.71 PSF

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State #	Design Pressures
D. ROOFING PRODUCTS					
1. Asphalt shingles	Owens Corning	Asphalt Shingle Ridge Vents	This Approval is not for use in the HVHZ. All FBC sections that apply to counties except Broward and Miami-Dade must be followed.	FL 3663 FL 234	
2. Underlayments					
3. Roofing fasteners					
4. Nonstructural metal roof					
5. Built-up roofing					
6. Modified bitumen	Polyglass	Two layer torch down	The max design pressure for the selected assembly shall meet or exceed the Zone I design pressure as 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 is not for use in the HVHZ. All FBC sections that apply to counties except Broward and Miami-Dade must be followed.	FL 5289J FL 8103J FL 3792.5	
E. SHUTTERS					
1. Storm Panels	Airlum Shutters, Inc. K&D Manufacturing All American Shutters, Inc.	5L Panel Galv. 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 5547J FL 2773J FL 393J	50 PSF +47 / -50
F. STRUCTURAL COMPONENTS					
1. Wood connector/anchor	United Steel Products	Anchors, Hangers Etc. Structural Components Wood Connectors	Subject to limitation and installation instructions specified in NOMA 05-0105.05	FL R1 565, 569, 572, 576, 815, 816, 817, 818, 819, 820, 821, 822, 859, 1247, 1777, 2033, 2620, 3923, 4928, 5631, 6223	
2. Truss plates	Mitek Industries Inc.	Truss Connectors	No Limitation of Use.	FL 2197 RI	
3. Engineered lumber					
4. Railing					
5. Coolers-freezers					
6. Concrete admixtures					
7. Material					
8. Insulation forms					
9. Plastics					
10. Deck-roof					
11. Wall					
12. Sheds					
G. SKYLIGHTS					
1. Skylight					
2. Other					
H. NEW EXTERIOR ENVELOPE PRODUCTS					
1.					
2.					

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

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

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

Company Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

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

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

REVISIONS:	10-29-07	UPDATE	LISTS
	01-21-08	UPDATE	ROLL UP DOORS

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Maronda Homes

FLORIDA

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

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

PRODUCT APPROVAL

DRAWN BY: _____ GARAGE: _____

RELEASE DATE: _____

SHEET: _____

PLOT DATE: 21 JAN 2008

DISTINCTION SERIES

SINGLE INSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME

GENERAL NOTES

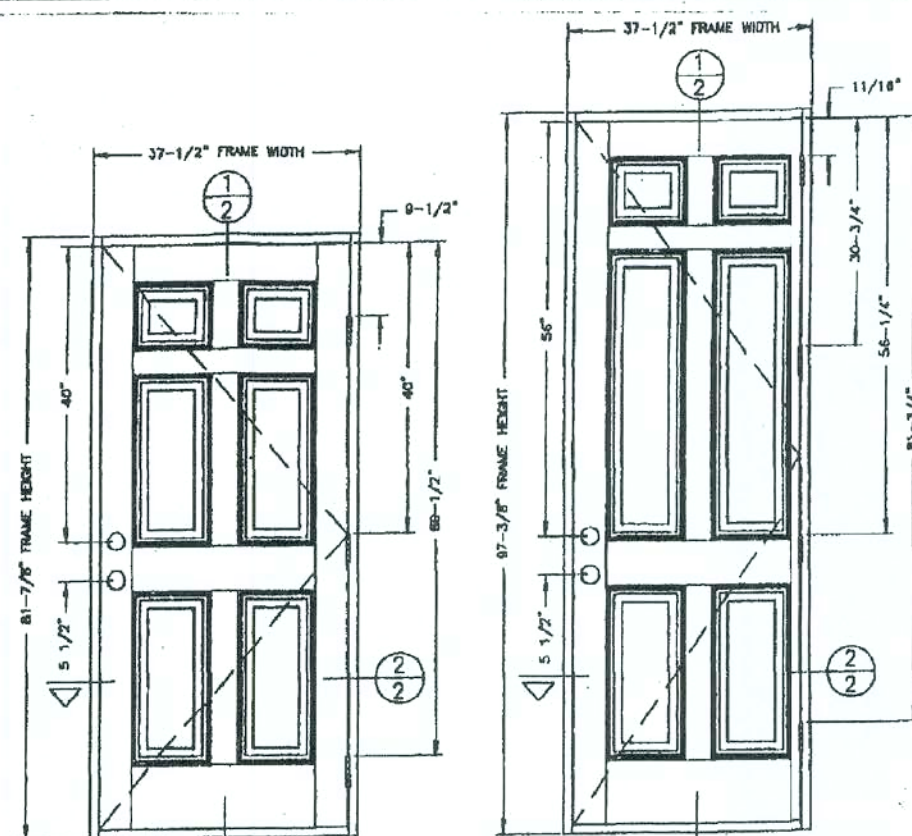
1. THE FOLLOWING PRODUCT HAS BEEN EVALUATED FOR COMPLIANCE WITH THE WIND LOADS SPECIFIED IN SECTION 120 OF THE TEXAS DEPARTMENT OF INSURANCE WINDSTORM RESISTANT CONSTRUCTION GUIDE AND SECTION 103 OF THE TEXAS WINDSTORM INSURANCE ASSOCIATION BUILDING CODE FOR WINDSTORM RESISTANT CONSTRUCTION.
2. WOOD 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' 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 0.080" THICK FIBERGLASS SKIN.
CORE DESIGN: THE INTERIOR CAVITY OF EACH DOOR IS FILLED WITH RIGID POLYURETHANE.
CONSTRUCTION: THE VERTICAL EDGES OF THE SLAB CONSIST OF GLED INTERLOCKING FIBERGLASS JOINTS. THE HORIZONTAL EDGES CONSIST OF THE FIBERGLASS SKIN GLED 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

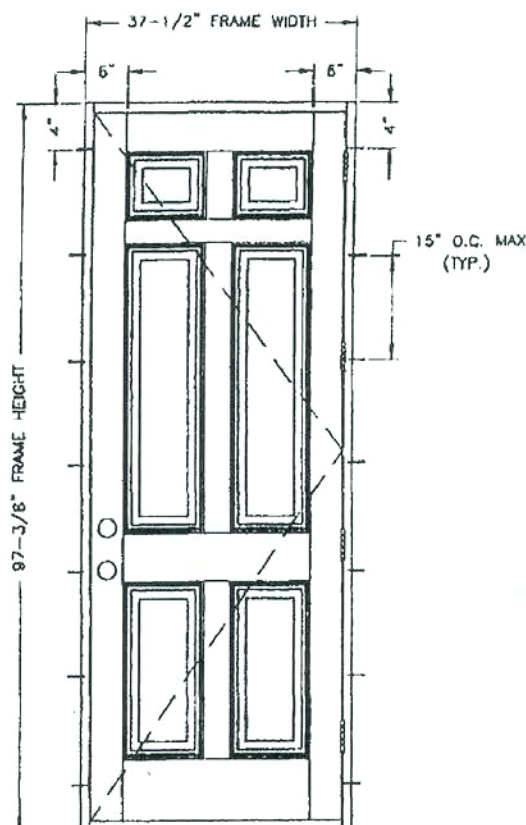
DESIGN PRESSURE RATING (TABLE #1)		
POSITIVE	NOT APPROVED	+80 PSF
NEGATIVE	NOT APPROVED	-80 PSF

TYPICAL ELEVATION 8'-0" DOOR

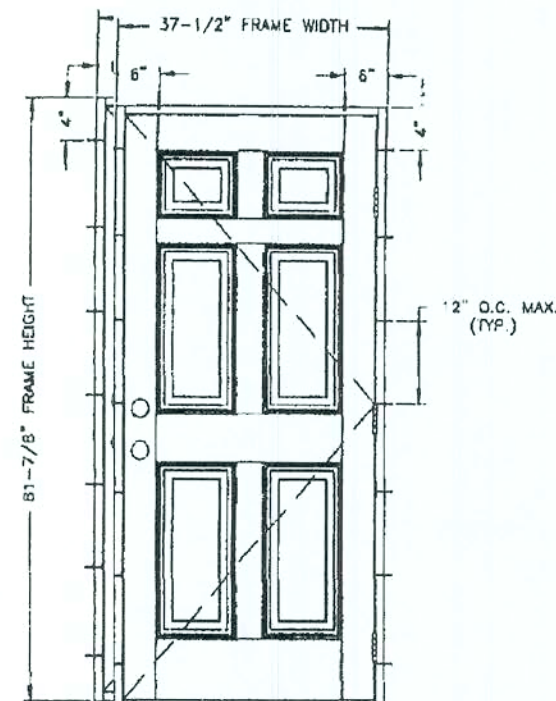
DESIGN PRESSURE RATING (TABLE #2)		
POSITIVE	NOT APPROVED	3 PSF
NEGATIVE	NOT APPROVED	6 PSF

CONSULTING
(813) 684-3831

DATE: 01/06/99
DRAWN BY: R.P.P.
CHECKED BY: R.P.P.
DESIGNED BY: R.P.P.
99-01
SHEET 1 OF 4



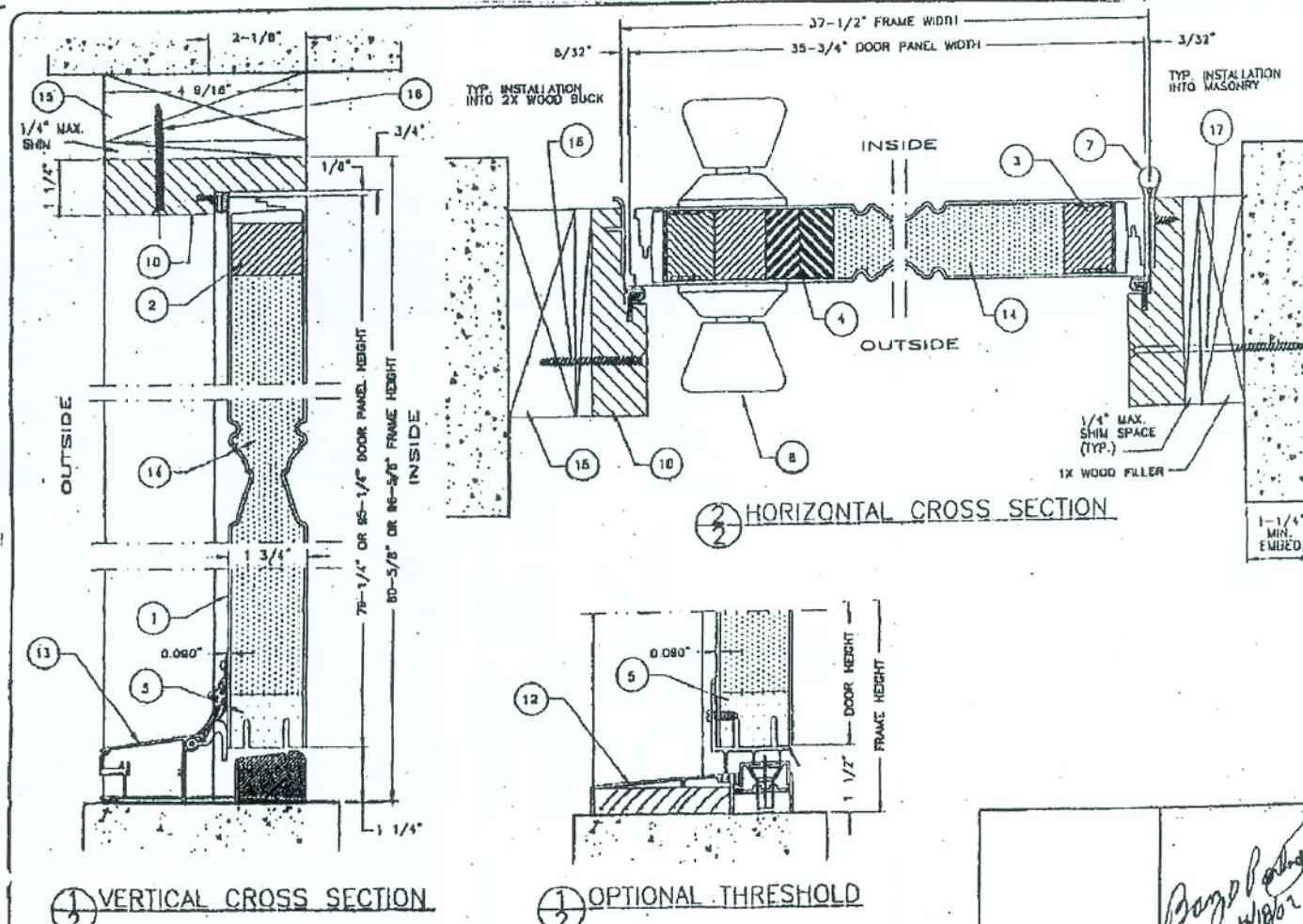
ANCHOR LAYOUT FOR 8'-0" DOOR



ANCHOR LAYOUT FOR 6'-8" DOOR

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

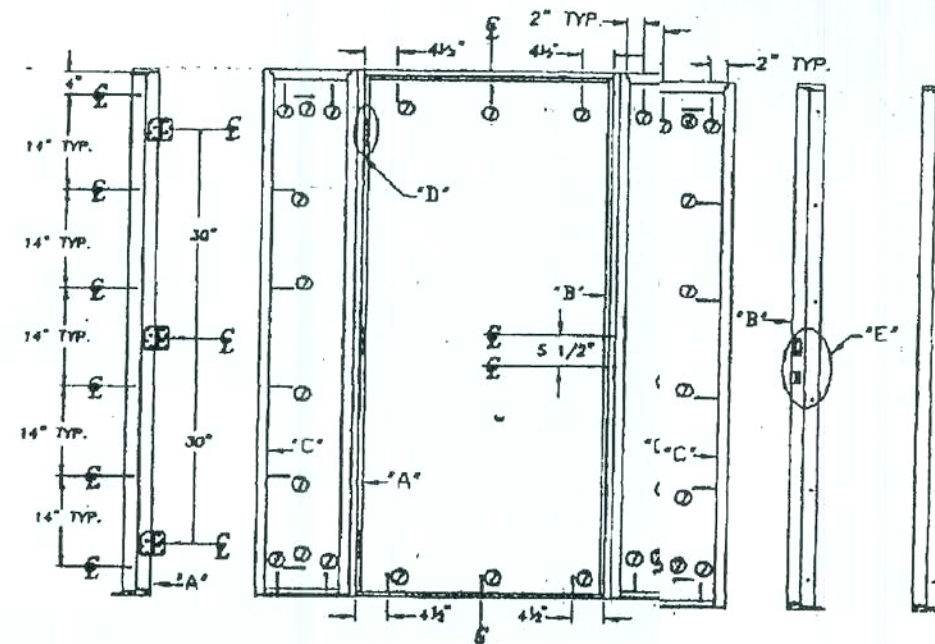
DATE: 01/06/99
DRAWN BY: R.P.P.
CHECKED BY: R.P.P.
DESIGNED BY: R.P.P.
99-01
SHEET 3 OF 4



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

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

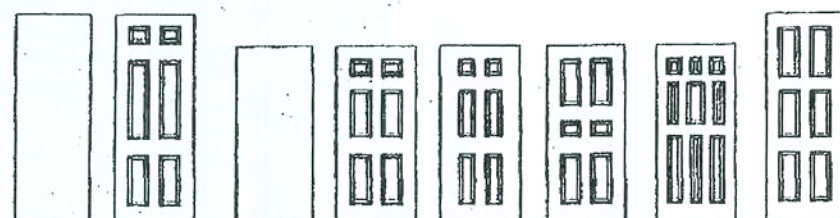
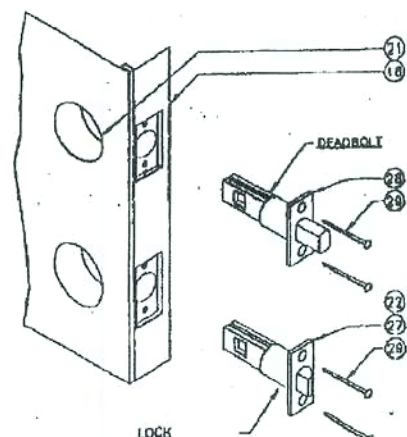
SCREW SCHEDULE	
Ø 1/8" X 5/8"	PHILLIPS FLAT HEAD
Ø 1/8" X 3/4"	PHILLIPS FLAT HEAD
Ø 1/8" X 2"	PHILLIPS FLAT HEAD
Ø 1/8" X 3"	PHILLIPS FLAT HEAD



Size: up to 5'4" x 6'8"		Product Acceptance No.: DSI-222	
Inswing (wood jamb)	Configuration: X, OXO, XO, OX	2'0"	2'4"
Single Opaque	+80 -80	+80 -80	+80 -80
W/Sidelites	+80 -80	+80 -80	+80 -80
Single Glazed	+75 -80	+64 -77	+60 -71
W/Sidelites	+75 -80	+64 -77	+60 -71
(Door does not meet Missile Impact)			
Test # 210-1987, 210-2024			

Mfg. by: Nan Ya Plastics / Plastopro Livingston, NJ 07039

ITEM	DESCRIPTION	PART No.	MATERIAL
1	DOOR SKIN (FIBERGLASS)	100-001	FIBERGLASS
2	DOOR SKIN (FIBERGLASS)	100-002	FIBERGLASS
3	DOOR SKIN (FIBERGLASS)	100-003	FIBERGLASS
4	DOOR SKIN (FIBERGLASS)	100-004	FIBERGLASS
5	DOOR SKIN (FIBERGLASS)	100-005	FIBERGLASS
6	DOOR SKIN (FIBERGLASS)	100-006	FIBERGLASS
7	DOOR SKIN (FIBERGLASS)	100-007	FIBERGLASS
8	DOOR SKIN (FIBERGLASS)	100-008	FIBERGLASS
9	DOOR SKIN (FIBERGLASS)	100-009	FIBERGLASS
10	DOOR SKIN (FIBERGLASS)	100-010	FIBERGLASS
11	DOOR SKIN (FIBERGLASS)	100-011	FIBERGLASS
12	DOOR SKIN (FIBERGLASS)	100-012	FIBERGLASS
13	DOOR SKIN (FIBERGLASS)	100-013	FIBERGLASS
14	DOOR SKIN (FIBERGLASS)	100-014	FIBERGLASS
15	DOOR SKIN (FIBERGLASS)	100-015	FIBERGLASS
16	DOOR SKIN (FIBERGLASS)	100-016	FIBERGLASS
17	DOOR SKIN (FIBERGLASS)	100-017	FIBERGLASS
18	DOOR SKIN (FIBERGLASS)	100-018	FIBERGLASS
19	DOOR SKIN (FIBERGLASS)	100-019	FIBERGLASS
20	DOOR SKIN (FIBERGLASS)	100-020	FIBERGLASS



DOOR MODELS

EXT. DOOR DETAILS

IN SWING-FIBERGLASS

RELEASE DATE:

SHEET:
FD 1

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Maronda Homes

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

09/03/2003

05 JUN 2003

DISTINCTION SERIES

SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR IN WOOD FRAME

GENERAL NOTES

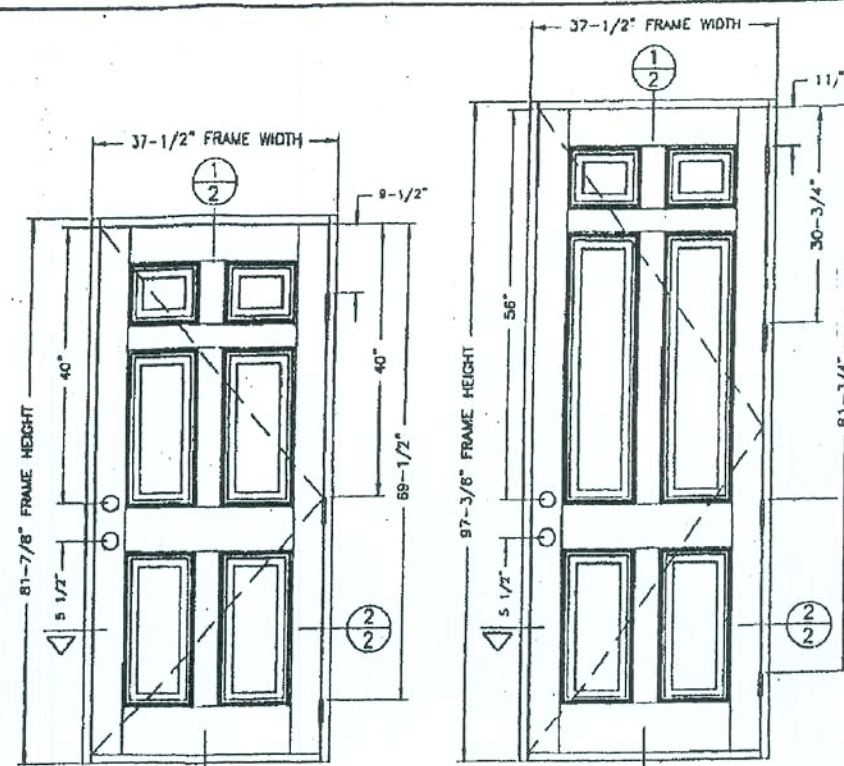
- THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1984 EDITION FOR MIAMI-DADE COUNTY.
- WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE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

DISTINCTION SMC FIBERGLASS DOOR

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

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TYPICAL ELEVATION 6'-0" 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 -80 PSF	+80 PSF
NEGATIVE -80 PSF	-80 PSF

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

RW CONSULTING
(613) 884-3631
DATE: 01/08/99
SCALE: N.T.S.
DRAWN BY: R.P.P.
CHECKED BY: B.P.
DESIGNED BY: B.P.
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

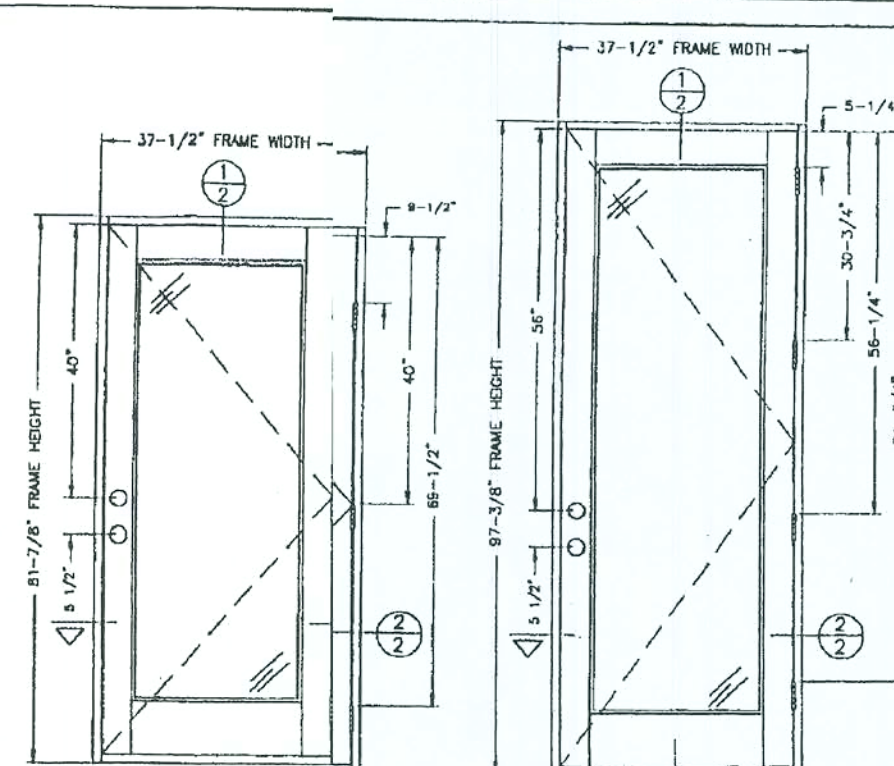
- THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1984 EDITION FOR MIAMI-DADE COUNTY.
- WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE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

DOOR LEAF CONSTRUCTION:

- FACE SHEETS: EACH SLAB IS CONSTRUCTED FROM 0.075 THK. FIBERGLASS SKIN.
- CORE DESIGN: THE INTERIOR CAVITY OF EACH DOOR IS FILLED WITH RIGID POLYURETHANE.
- CONSTRUCTION: THE VERTICAL EDGES OF THE SLAB CONSIST OF GLUED INTERLOCKING FIBERGLASS JOINTS. THE HORIZONTAL EDGES CONSIST OF THE FIBERGLASS SKIN GLUED TO THE WOOD BUCK AT TOP AND TO THE RIGID PVC FOAM INSERT AT BOTTOM.
- GLAZING: 5/8" OVERALL THICKNESS INSULATED GLASS PANEL CONSISTING OF TWO 1/8" TEMPERED LITES AND ONE AIR SPACE.
- REINFORCING: ONE (1) "U" SHAPED STEEL REINFORCING CHANNEL MEASURING 1.591" x 0.748" x 0.076" THK. WAS LOCATED AT EACH PANEL STILE. (6'-0" DOOR ONLY).

TABLE OF CONTENTS

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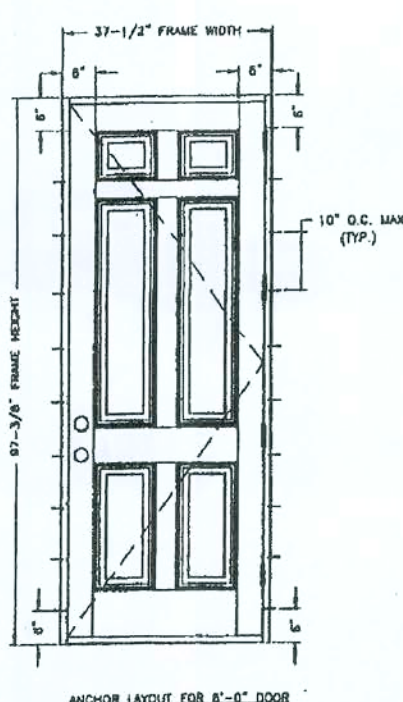
TYPICAL ELEVATION 6'-0" DOOR

TYPICAL ELEVATION 8'-0" DOOR

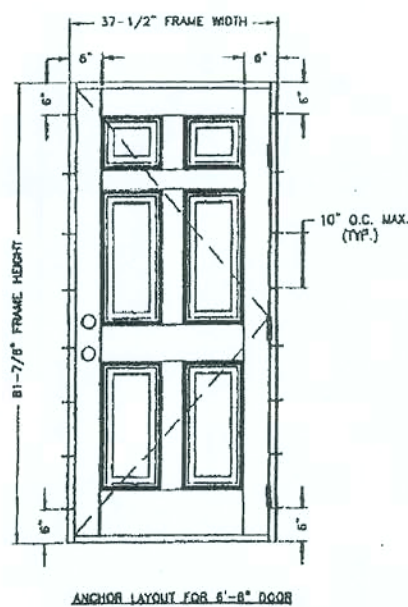
DESIGN PRESSURE RATING (TABLE #1)	
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSITIVE +80 PSF	+80 PSF
NEGATIVE -80 PSF	-80 PSF

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

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DATE: 02/08/99
SCALE: 3/4"=1'-0"
DRAWN BY: R.P.P.
CHECKED BY: B.P.
DESIGNED BY: B.P.
99-05
SHEET 1 OF 4



ANCHOR LAYOUT FOR 6'-0" DOOR

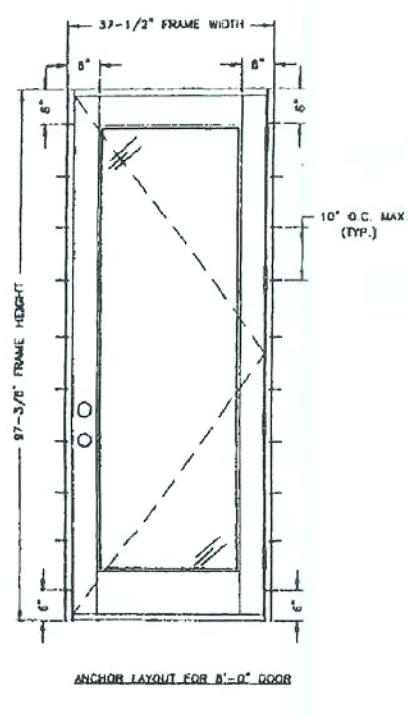


ANCHOR LAYOUT FOR 8'-0" DOOR

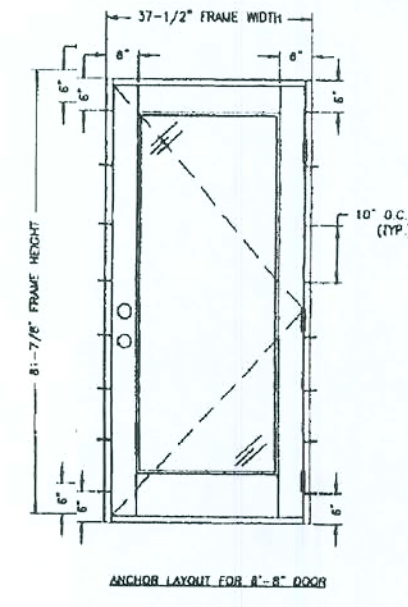
TYPICAL ANCHORS

- 1) INTO 2X8 WOOD BUCKS OR WOOD STRUCTURE
#8 SWS, 1-1/2" MIN. EMBEDMENT
- 2) INTO 1X8 WOOD BUCKS OR INTO MASONRY
3/16" DIA. TAPCONS WITH 1-1/4" MIN. EMBEDMENT

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SHEET 3 OF 4



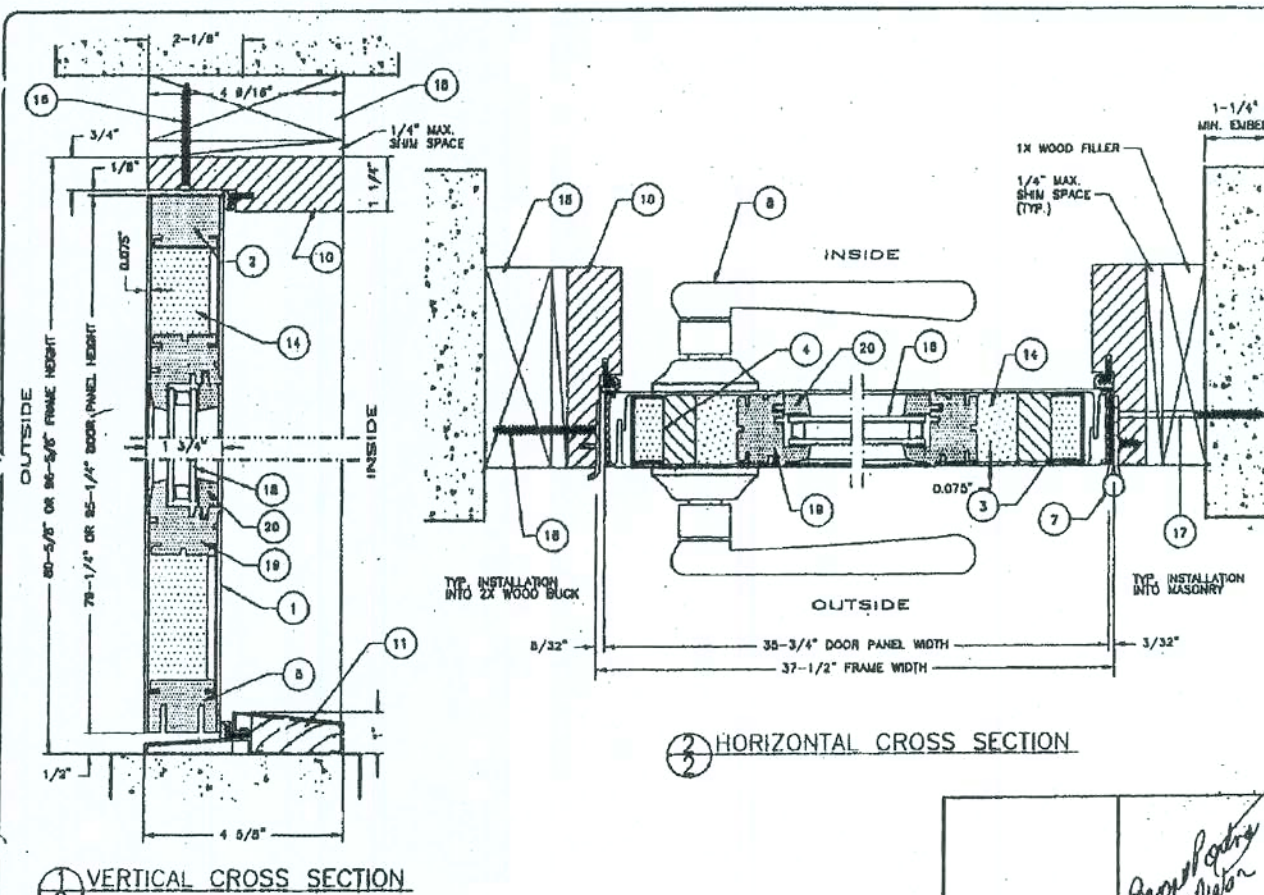
ANCHOR LAYOUT FOR 6'-0" DOOR



ANCHOR LAYOUT FOR 8'-0" DOOR

- ITEMS/ANCHORS:**
1) INTO 2X8 WOOD BUCKS OR WOOD STRUCTURE
#8 SWS, 1-1/2" MIN. EMBEDMENT
2) INTO 1X8 WOOD BUCKS AND INTO MASONRY
3/16" DIA. TAPCONS WITH 1-1/4" MIN. EMBEDMENT

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HORIZONTAL CROSS SECTION

VERTICAL CROSS SECTION

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SHEET 2 OF 4

ITEM	DESCRIPTION	PART NO.	MATERIAL
1	DOOR LEAF (6' PANEL 8'-0")	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
2	TOP RAIL	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
3	HINGE STILE	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
4	LOCK STILE	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
5	BOTTOM RAIL	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
6	DOOR BOTTOM (INSWING)	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
7	BLIND TRIM	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
8	LATCH LOCK	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
9	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
10	DOOR FRAME	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
11	THRESHOLD (OUTSWING)	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
12	FOAM CORE	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
13	ANCHOR	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
14	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
15	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
16	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
17	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
18	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
19	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
20	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR

ITEM	DESCRIPTION	PART NO.	MATERIAL
1	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
2	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
3	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
4	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
5	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
6	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
7	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
8	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
9	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
10	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
11	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
12	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
13	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
14	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
15	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
16	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
17	DOOR SWEEP	PAST8	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
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EXT. DOOR DETAILS

OUT SWING-FIBERGLASS

SHEET: FD 2

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

RELEASE DATE:

03 JUN 2003

0604555