

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.JJ)

CLASSIFICATION : 2

OCCUPANCY: RESIDENTIAL

BUILDING DESIGN: ENCLOSED

WIND SPEED: 125 MPH - 3 SECOND GUST (FRC 2004 : SECTION R301.2.J.3)

EXPOSURE: B

INTERNAL PRESSURE COEFFICIENT: GCpl = +/- 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.J.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.J.2)

INDEX OF DRAWINGS

SHEET NO.	TITLE
ARCH - ARCHITECTURALS	
0	COVER SHEET
1	EXTERIOR ELEVATIONS
2	FOUNDATION PLAN
3	FLOOR PLAN
WLJ	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



REVISIONS :



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, P.E.
License No. 50158

MAY 28 2008

SHEET:

OK

PLOT DATE: 15 JAN 2008

09/52/30

08-14-07 REV. CODE INFORMATION

CC

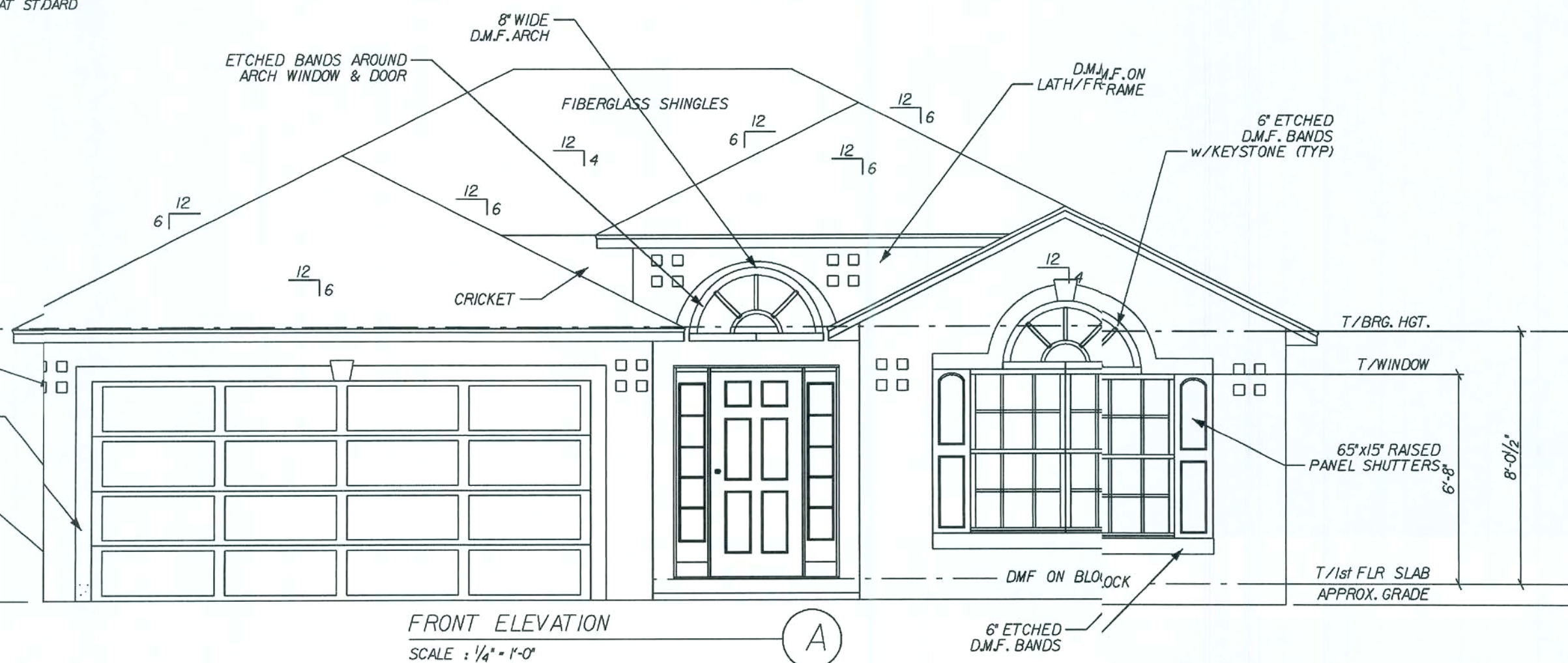
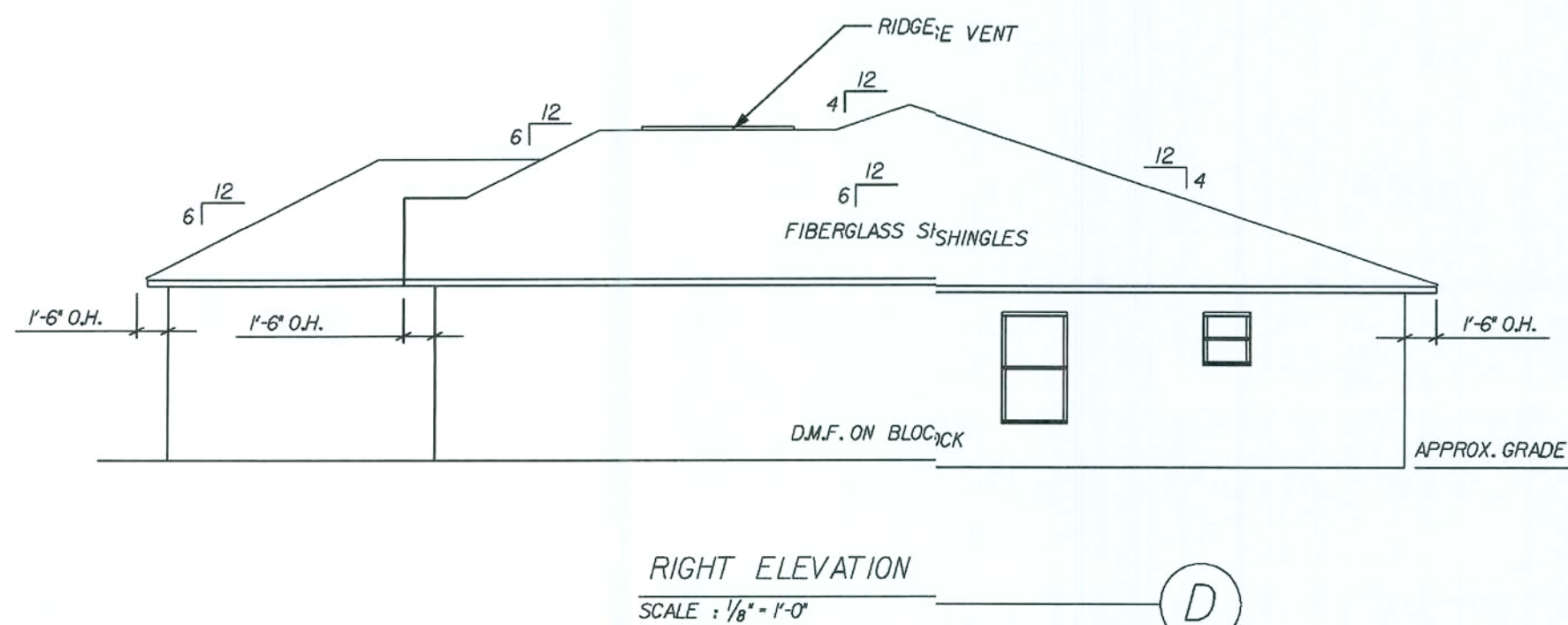
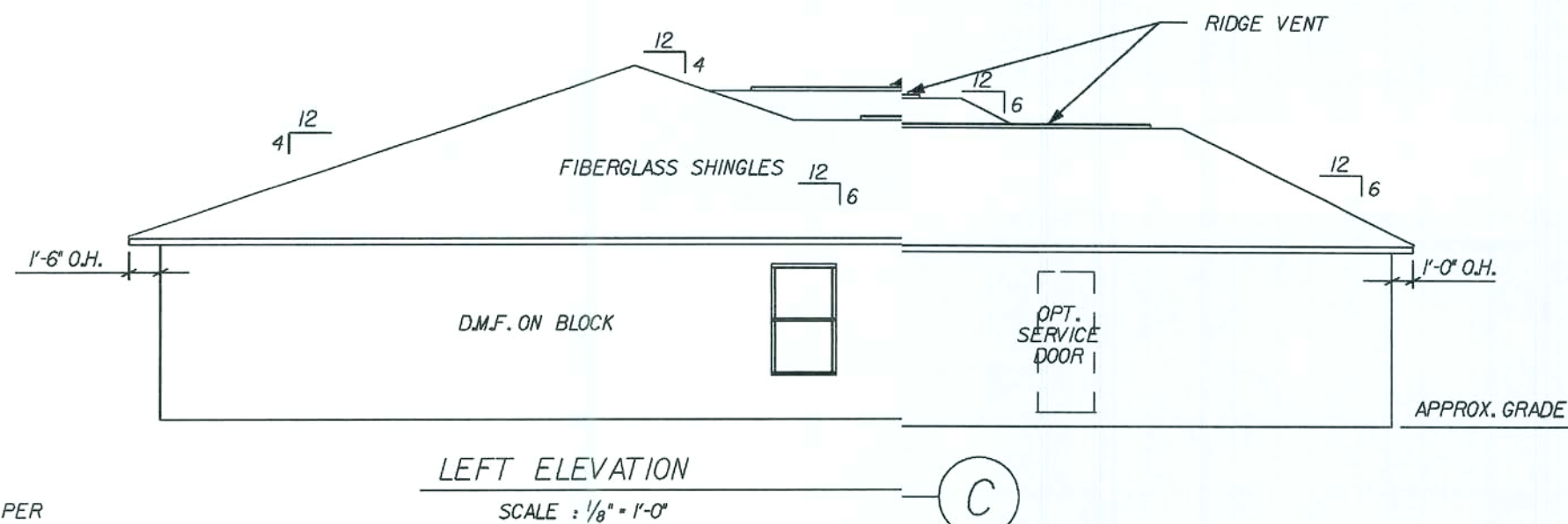
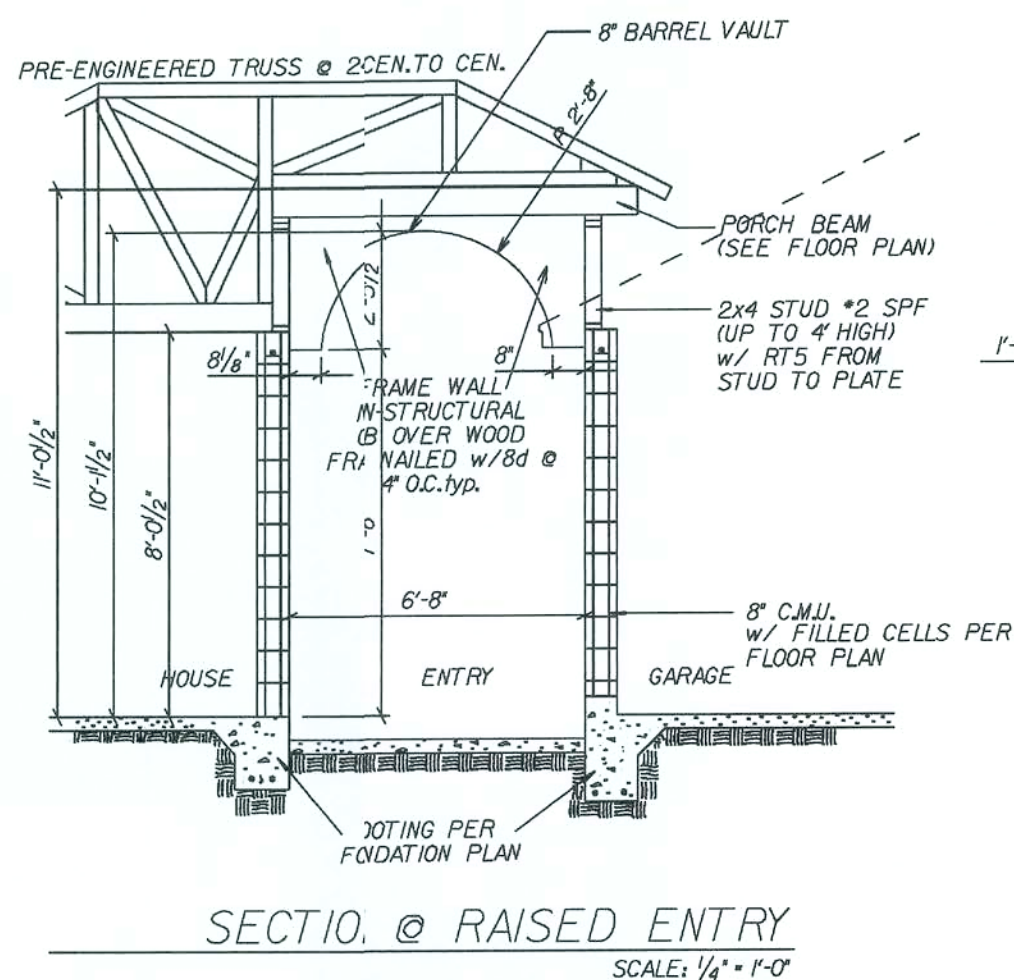
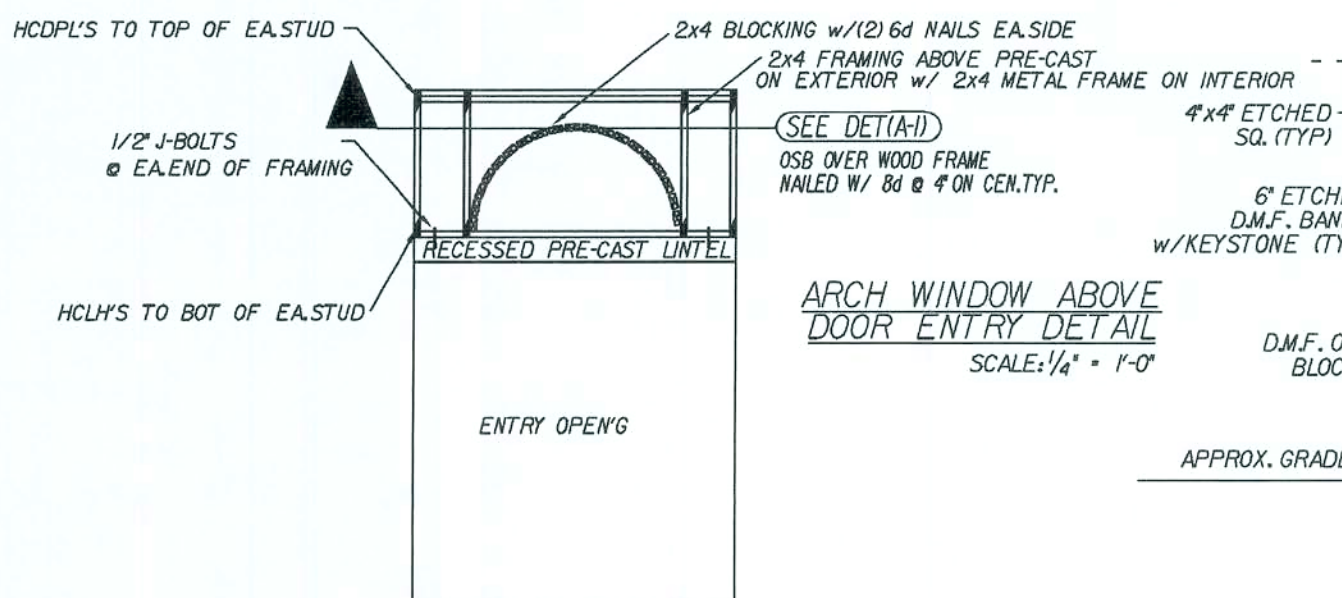
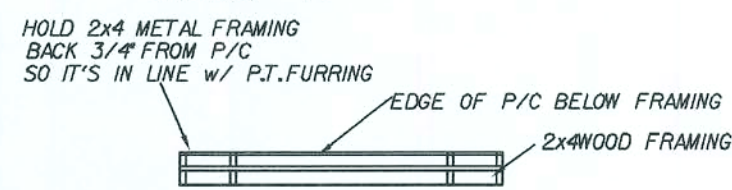
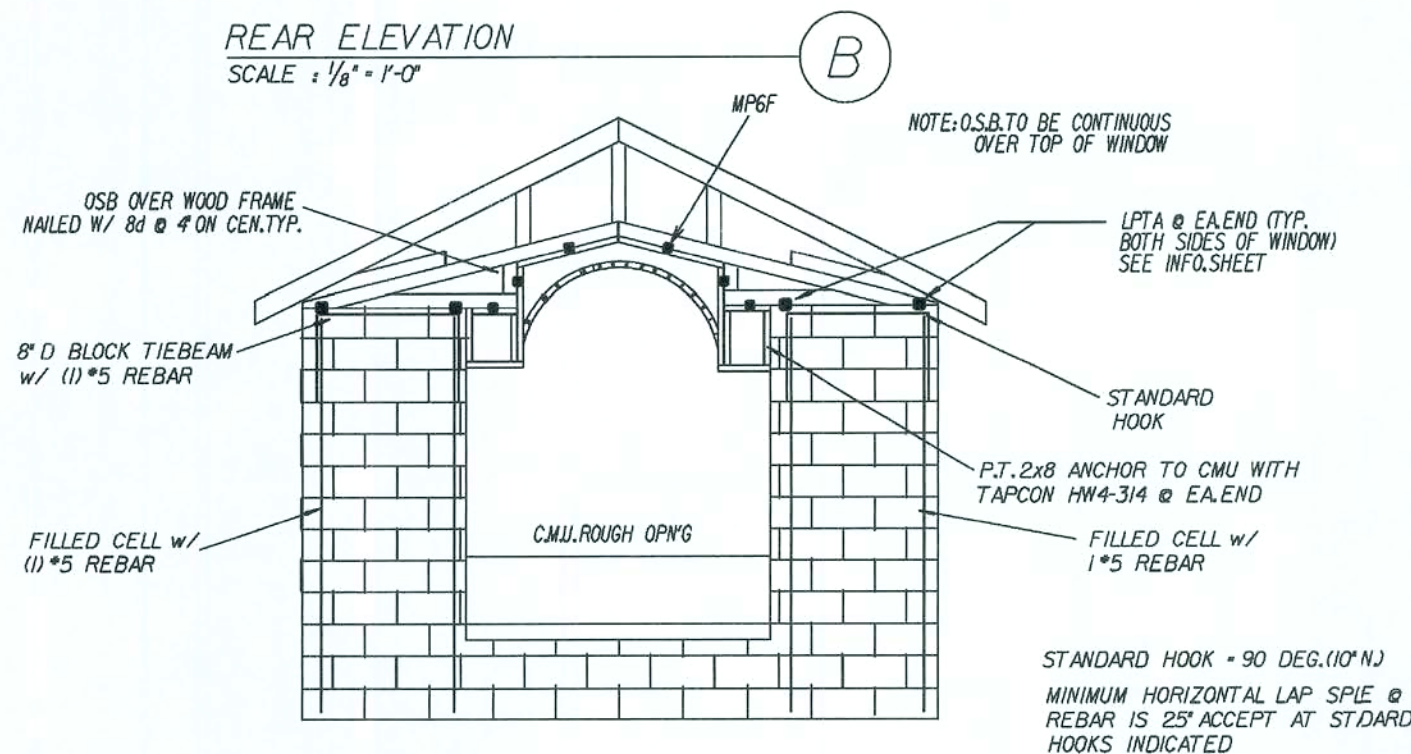
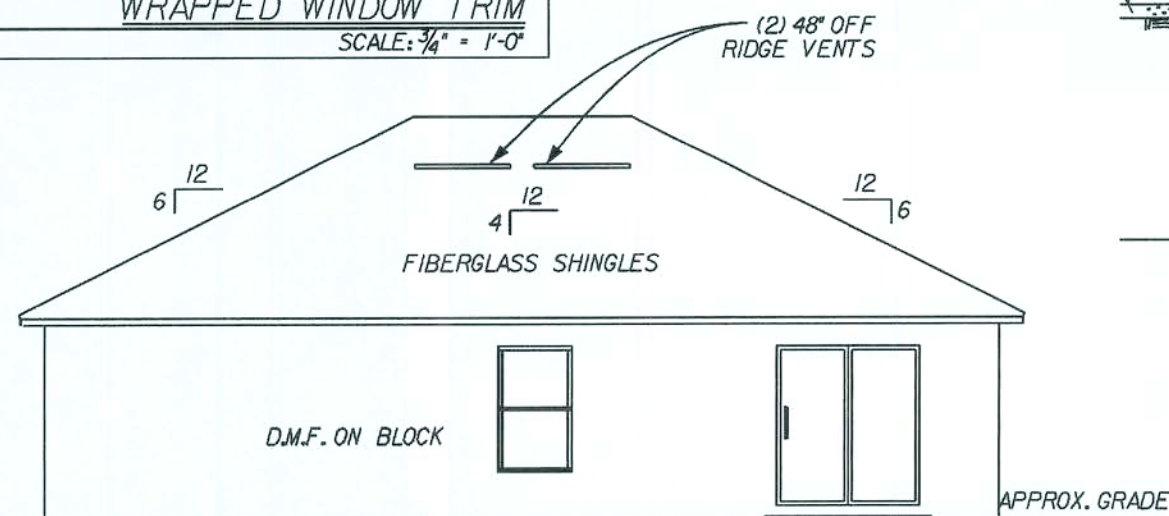
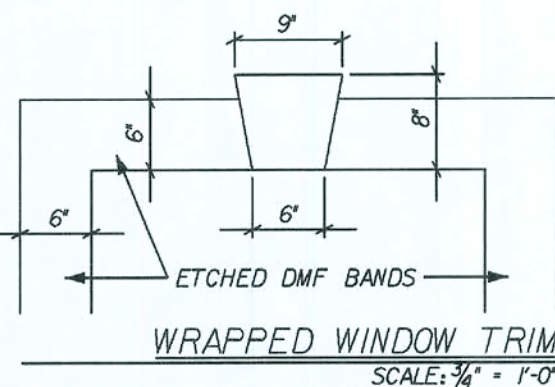
GENERAL ELEVATION NOTES:

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.



REVISIONS:

Maronda Homes
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AMERICANA EXT. ELEVATION
CHESAPEAKE
ELEVATION "K"
GARAGE: LEFT

Maronda Systems
4005 Maronda Way
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(407) 321-0064

Elmer Bergman, P.E.
License No. 50158

MAY 23 2008

SHEET:

1K

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 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 (M0)437-(F0)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 (M0)437 - (F0)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 (M0)437 - (F0)438 OPENINGS

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

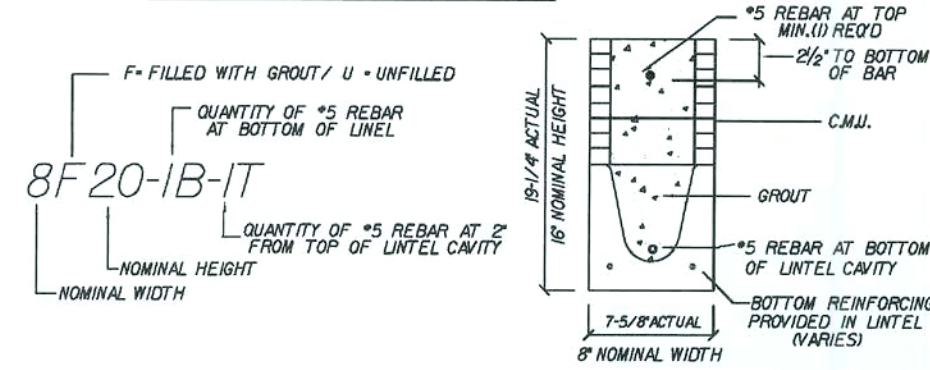
SPECIALTY WINDOWS - SERIES (M0)437 - (F0)438 OPENINGS

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

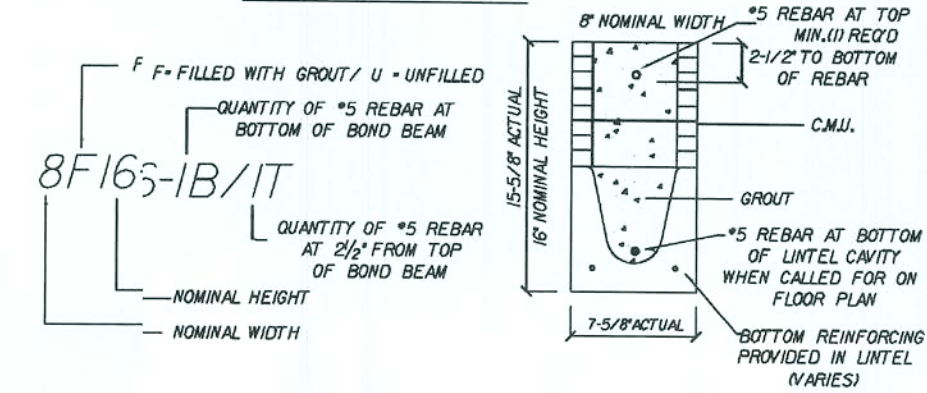
MATERIALS

1. f'c precast lintels = 3500 psi.
2. f'c prestressed lintels = 6000 psi.
3. f'c grit = 3000 psi w/ maximum 7/8 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 70 low relaxation.
7. 7/32" wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

TYPICAL GARAGE DESIGNATION



TYPICAL DESIGNATION

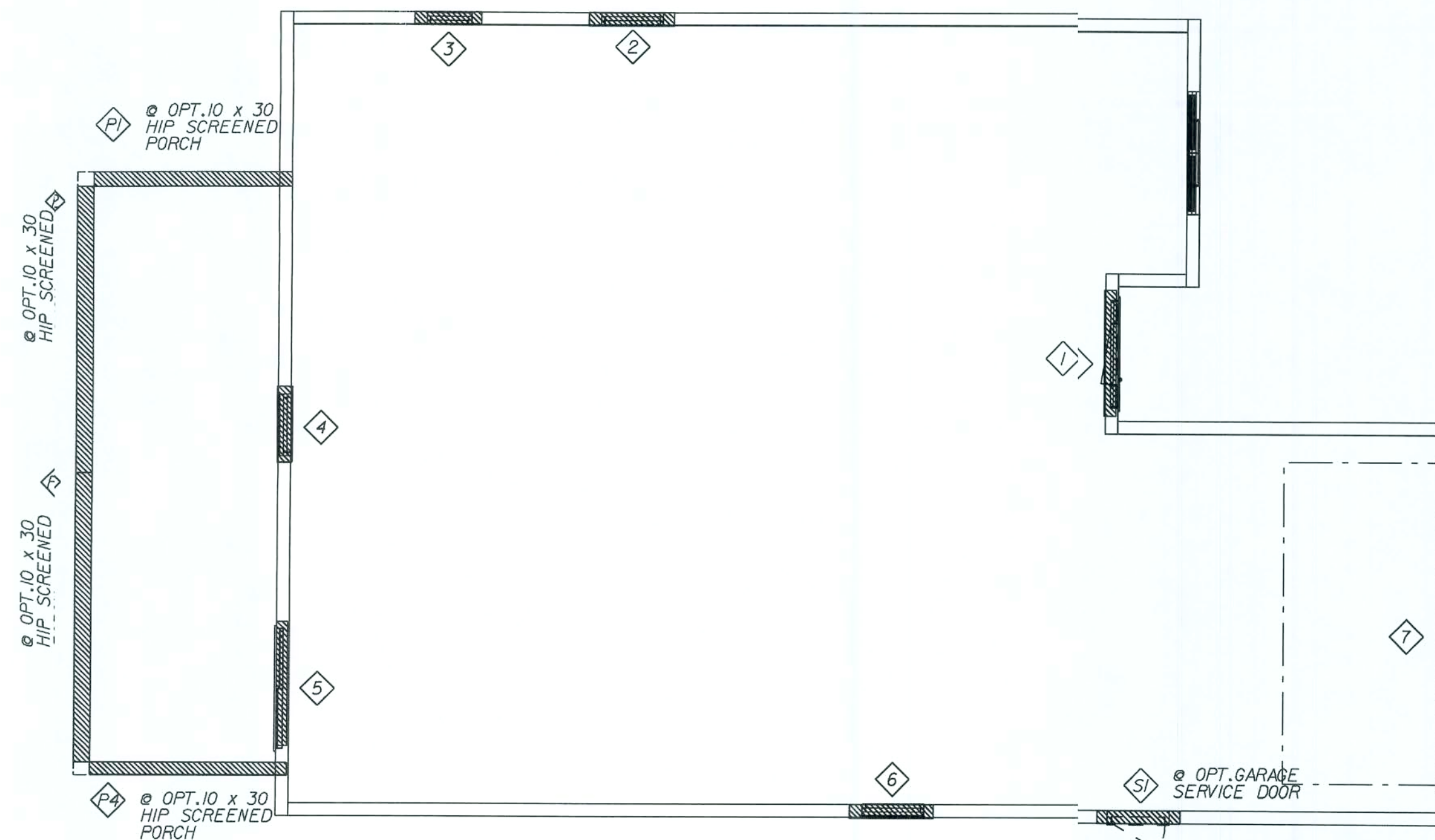


REVISED 12/29/04



LINTEL SCHEDULE

LINTEL NO.	LNGTH	TYPE	APPLIED LOADS (PLF)		SAFE LOADS		COMMENT
			GRAVITY	UPLIFT	GRAVITY	UPLIFT	
1	10"	8RF6-OB/IT	320	430	755	506	RECESSED
2	6"	8U16-OB/IT	672	630	1599	2724	-
3	6"	8U16-OB/IT	116	198	1599	2724	-
4	6"	8U16-OB/IT	705	344	1599	2724	-
5	8"	8F16-OB/IT	705	379	2632	1634	-
6	6"	8U16-OB/IT	672	630	1599	2724	-
7	14"	8F20-1B/IT	100	234	1326	520	GARAGE DOOR
S1	6"	8U16-OB/IT	672	619	1599	2724	@ OPT. GARAGE SERVICE DR.
P1	16"	8F8-OB/IT	533	429	643	530	@ OPT. PORCH
P2	18"	8F8-OB/IT	109	184	458	246	@ OPT. PORCH
P3	18"	8F8-OB/IT	109	184	458	246	@ OPT. PORCH
P4	16"	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 04-02-07

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AMERICANA WINDOW/LINTEL
CHESAPEAKE

ELEVATION - K, M

GARAGE: LEFT

125 MPH

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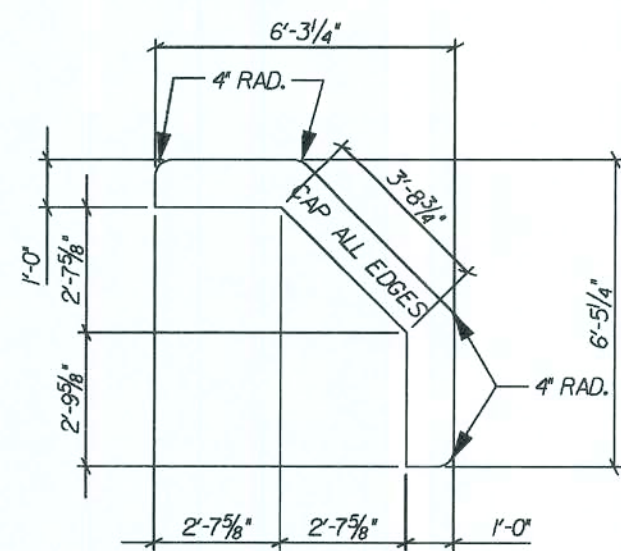
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MAY 23 2008

SHEET:

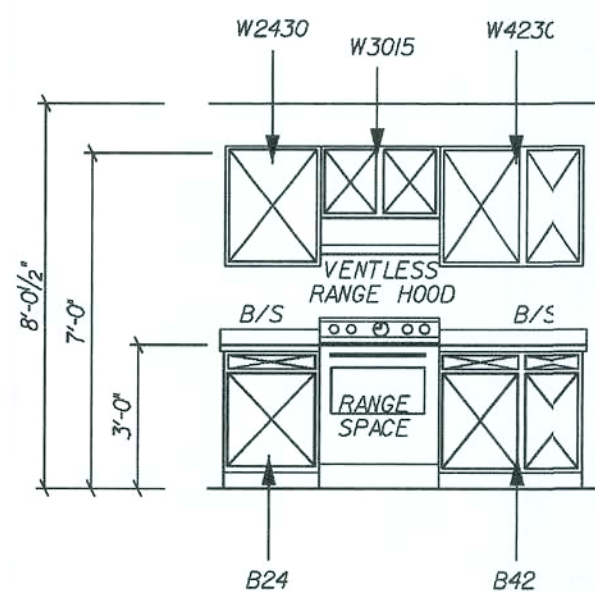
WLI

PLOT DATE: 15 JAN 2008

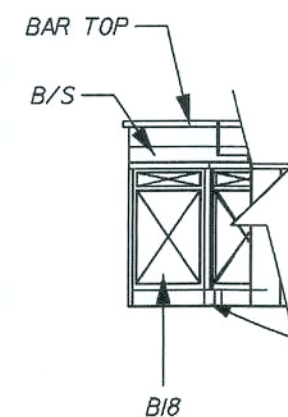
FLORIDA BUILDING CODE 2004 : RESIDENTIAL



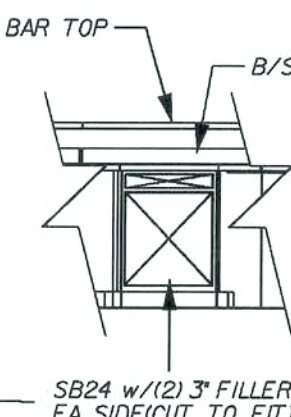
KITCHEN BAR TOP PLAN



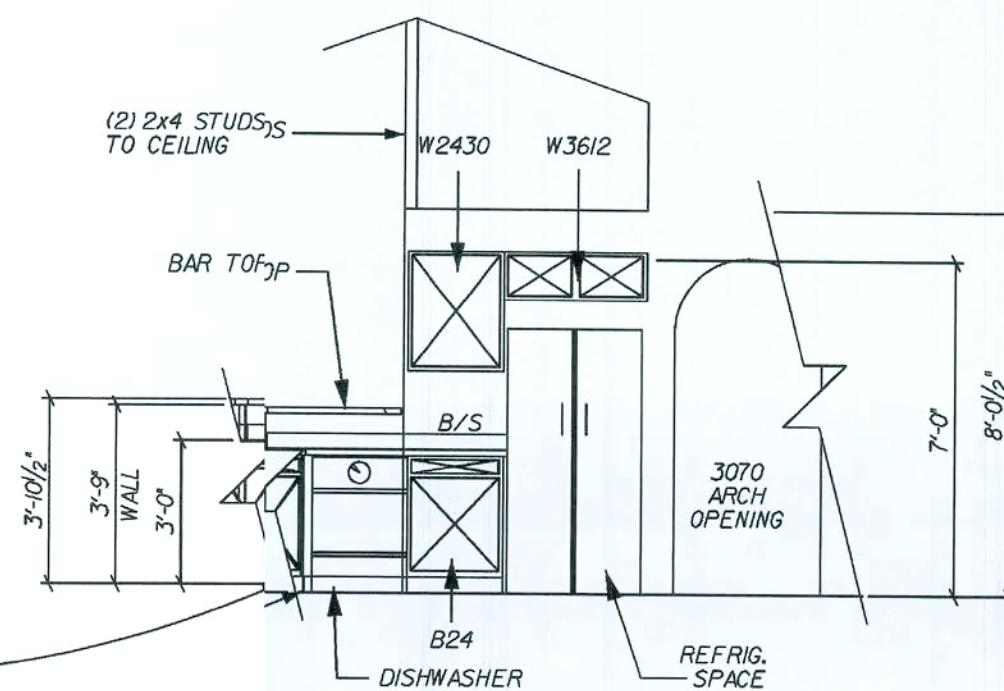
(D) KITCHEN ELEVATION



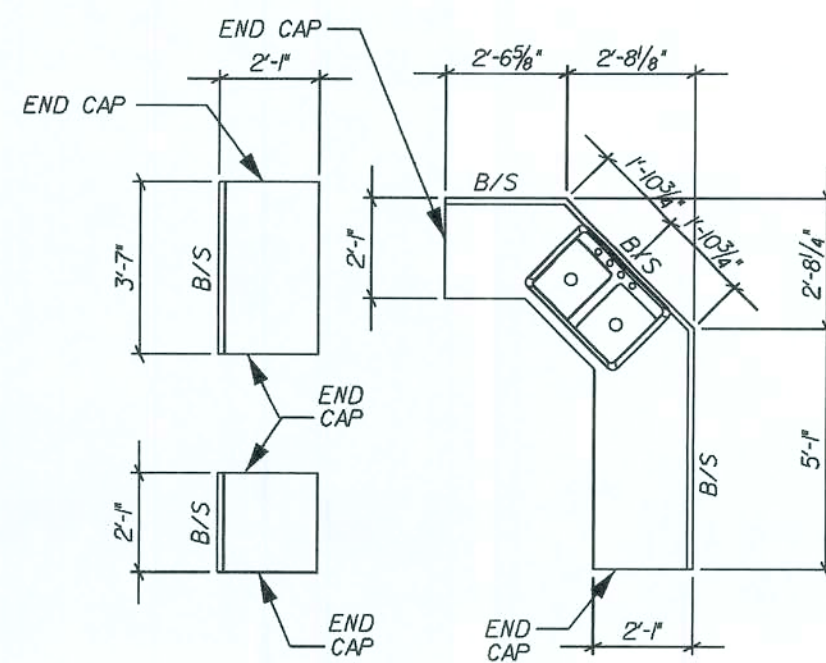
(C) KITCHEN ELEVATION



(B) KITCHEN ELEVATION

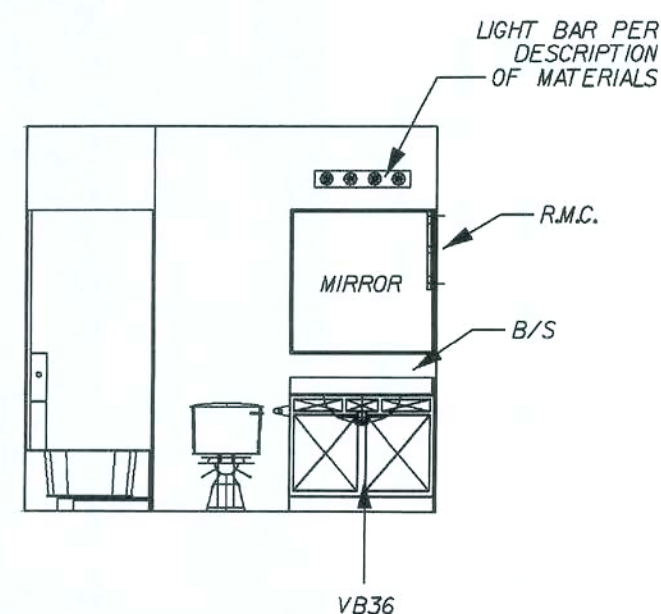


(A) KITCHEN ELEVATION

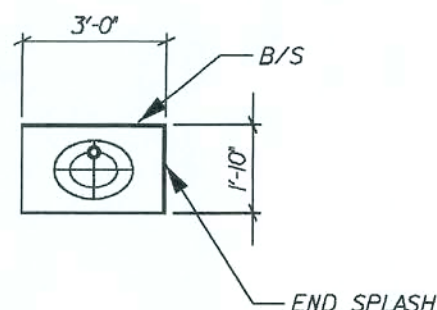


KITCHEN COUNTER TOP PLAN

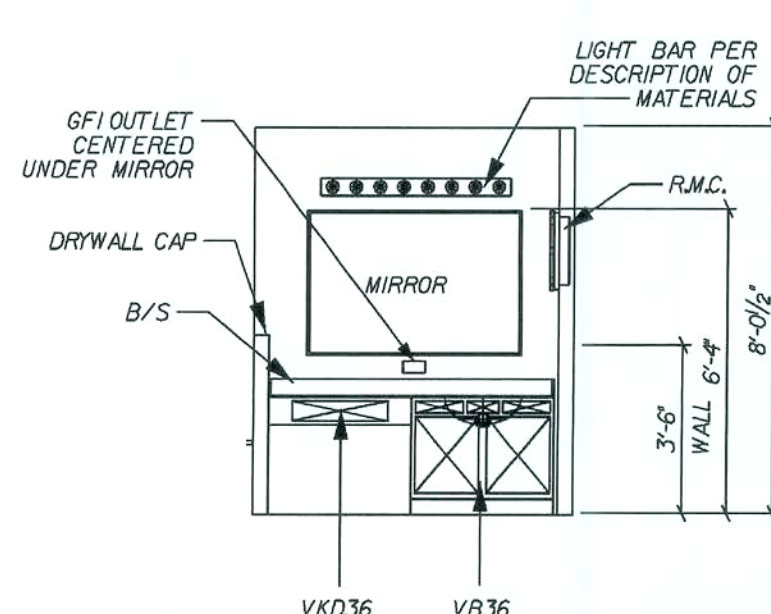
FOR COUNTER TOP CONSTRUCTION ONLY, NOT FOR FIELD USE



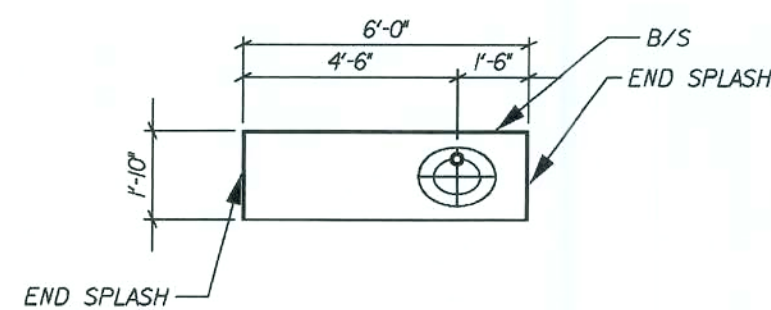
(F) ACCESS BATH VANITY



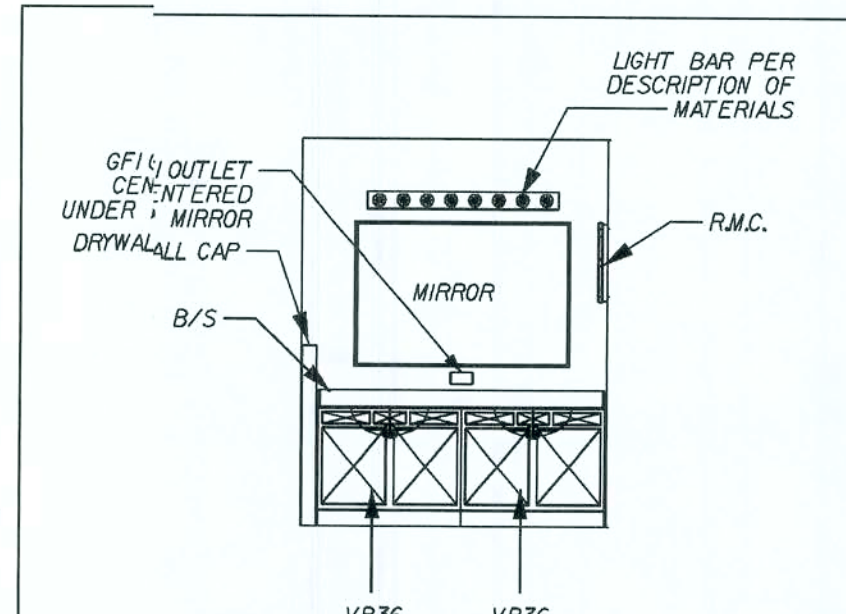
STANDARD LAV. TOP ACCESS BATH VANITY



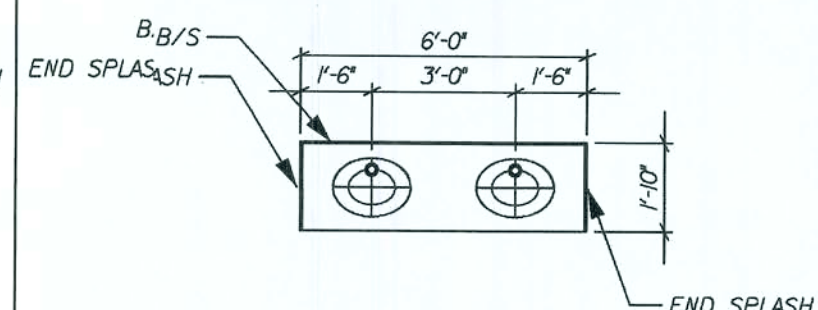
(E) STANDARD MASTER BATH VANITY



STANDARD LAV. TOP MASTER BATH VANITY

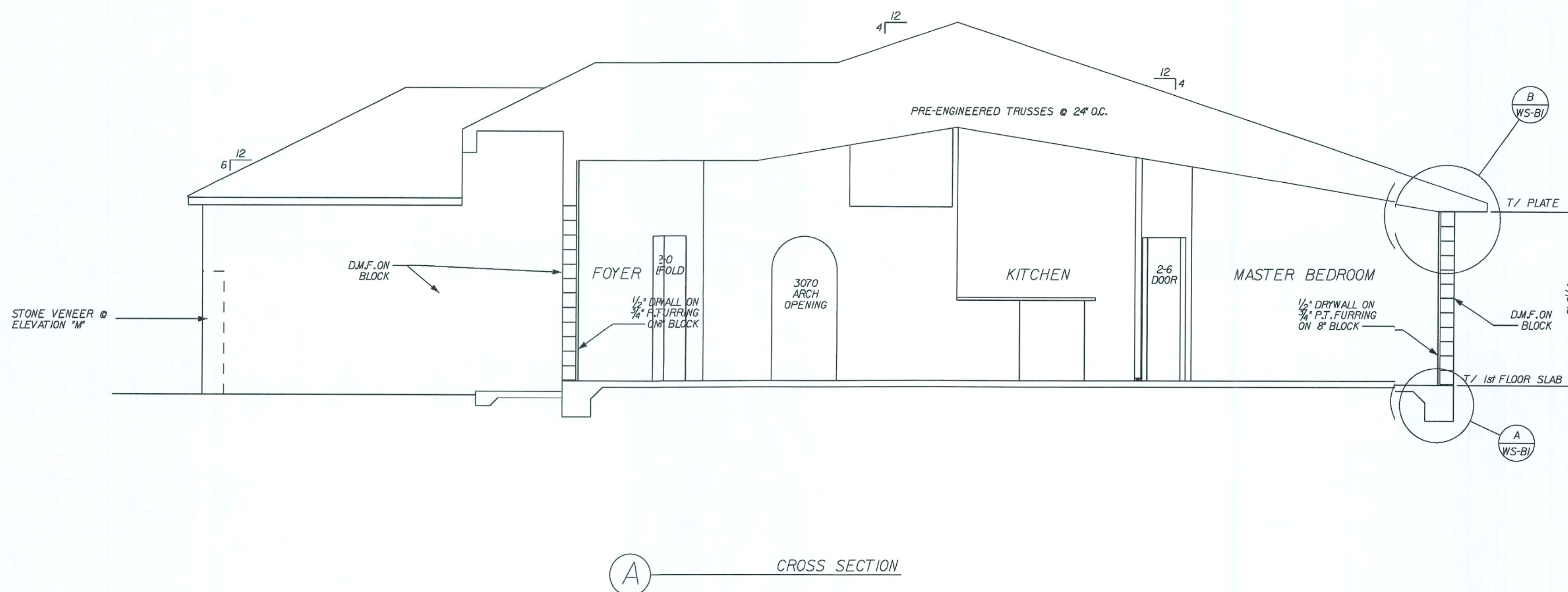


(E) OPTIONAL DBL SINK - MASTER BATH VANITY



OPT. DBL SINK LAV. TOP MASTER BATH VANITY

REVISIONS : 09/12/06 REV. KITCHEN CABINETS/FILLERS 03/15/07 REV. END SPLASH -> END CAP	
COPYRIGHT © 2005 MARONDA HOMES Maronda Homes FLORIDA (407) 321-0064 4005 MARONDA WAY SANFORD, FLORIDA	
AMERICANA SECTIONS/DETAILS CHESAPEAKE	
SECTIONS & DETAILS DRAWN BY: GARAGE: LEFT RELEASE DATE: 11-02-04	
SHEET: 3A	
PLOT DATE: 15 JAN 2008 09/15/08	



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 AND 2005, 2006 SUPPLEMENT

PAV\Nouses_05\chesapeake3\str\chape-tr.rvt

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

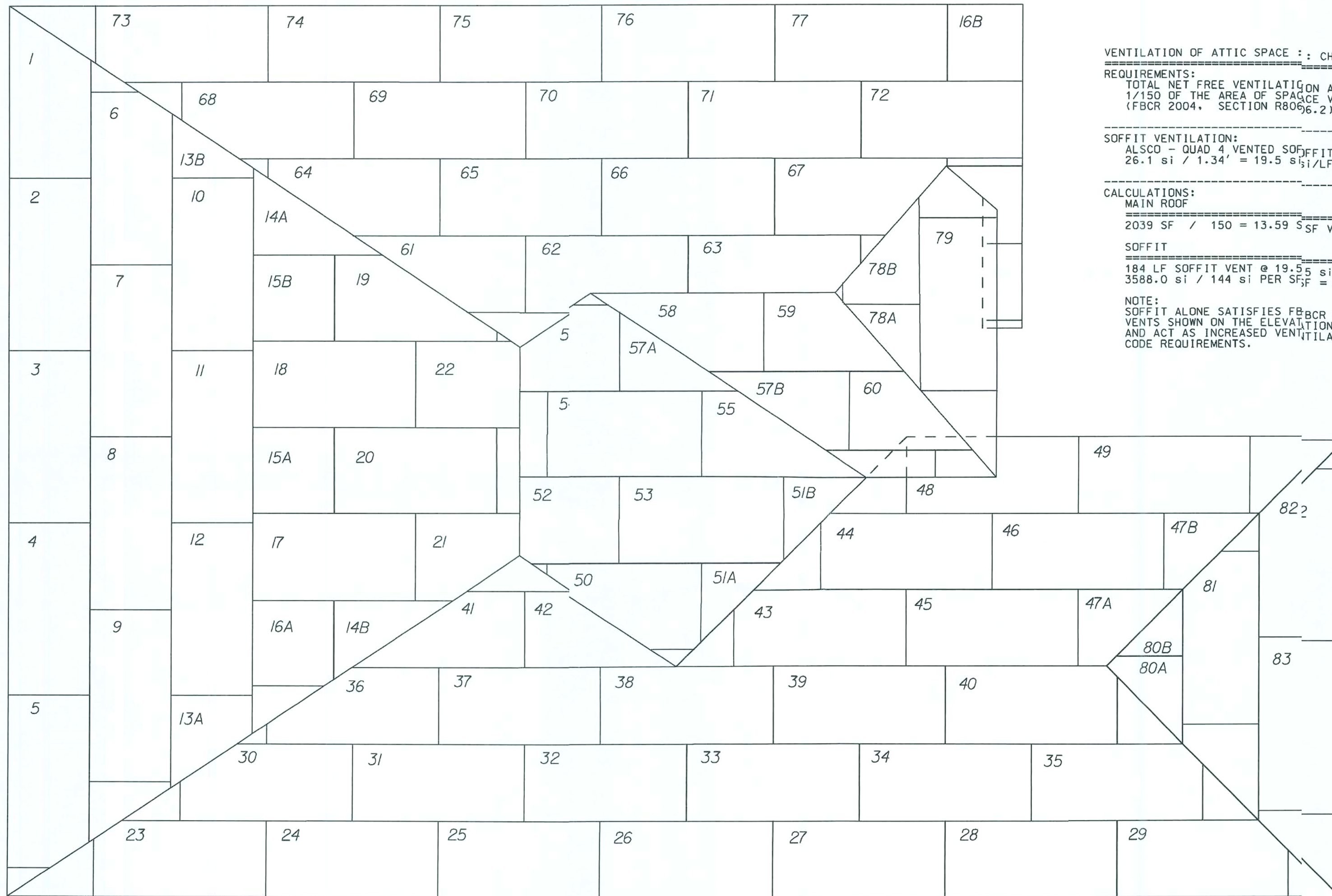
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License No. 50158
MAY 23 2008

SHEET:

CSU

PLOT DATE: 15 JAN 2008

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



GENERAL ROOF NOTES:
 7/16" OSB SHT'G w/ 8d RING/SCREW SHANK NAIL (AS PER R803.2.3.1) 4" O.C. EDGE & 6" O.C. FIELD, (3" O.C. @ GABLE END TRUSSES) w/ CLIPS ON PRE-ENGINEERED TRUSSES @ 24" O.C.

TOTAL ROOF SHEATHING:
 83 SHEETS

VENTILATION OF ATTIC SPACE : CHESAPEAKE 3

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:
 ALSO - QUAD 4 VENTED SOFFIT (16" WIDE) = 26.1 sq/LF
 $26.1 \text{ sq} / 1.34' = 19.5 \text{ sq/LF PER } 12" \text{ wide soffit}$

CALCULATIONS:
 MAIN ROOF
 $2039 \text{ SF} / 150 = 13.59 \text{ SF VENTILATION REQUIRED}$

SOFFIT
 $184 \text{ LF SOFFIT VENT @ } 19.5 \text{ sq/LF} = 3588.0 \text{ sq}$
 $3588.0 \text{ sq} / 144 \text{ sq PER SF} = 24.92 \text{ SF ACTUAL}$

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.

REVISED 05-07-07

REVISIONS :
 06-16-06 REVISED VENT.CALCS.

07-18-07 REVISED VENT.CALCS.



FLORIDA
 4005 MARONDA WAY SANFORD, FLORIDA

AMERICANA ROOF SHEATHING

CHESAPEAKE

ELEVATION - K, M

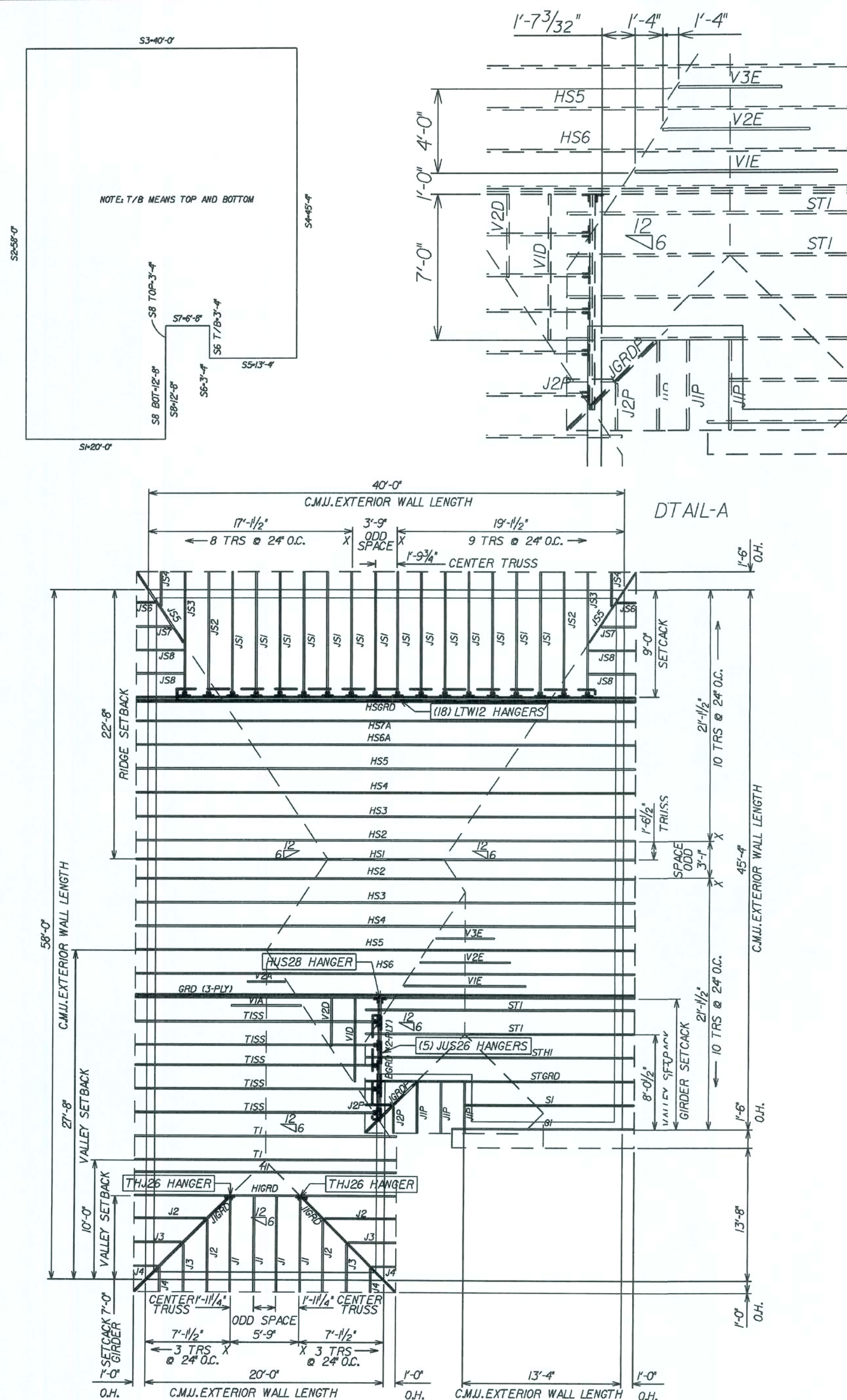
DRAWN BY: GARAGE: LEFT

RELEASE DATE: 11-02-04

SHEET:

RSI

PLOT DATE: 15 JAN 2008



STRUCTURAL WALL SCHEDULE											
WALL ID	STUD		OVERTURN ANCHOR - APPLIED AT CORNERS & BOTH SIDES OF OPENINGS			WALL TO SLAB		TOP & BOTTOM OF STUD TO PLATE		SHEARWALL SHEATHING	
	SIZE & GRADE	SPACING	PRODUCT CODE	BOLT TO SLAB SIZE	SPECIAL NOTES	PRODUCT CODE	SPACING	PRODUCT CODE	SPACING	TYPE	NAIL SIZE & SPACING
SI - S8	8" CMU	-	-	-	-	-	-	-	-	-	-
S6 - S8 TOP	2x4 #2 SYP	16" o.c.	-	-	-	1/2"x5" J BOLT w/ WEST PALM	24" o.c.	RT5 RT3	EA STUD	7/8" OSB	8d RING SHANK NAILS 3" o.c. EDGES 6" o.c. FIELD

TPI-02

TRUSS HARDWARE SCHEDULE

160%

NEW TRUSS ID	TRUSS TYPE	QUAN.	UPLIFT LEFT	UPLIFT MID	UPLIFT RIGHT	LEFT STRAP		FASTENERS	MID STRAP		FASTENERS	RIGHT STRAP		FASTENERS
						TYPE	MAX. UPLIFT		T TYPE	MAX. UPLIFT		TYPE	MAX. UPLIFT	
BGRD	SPECIAL 2-PLY GIRDER	1 (2)	1062	1713	305	TA18	1205	(8) 10d x 1 1/2"	(2) TA18	2410	(8) 10d x 1 1/2"	THD28-2	2485	(22) 16d HEADER (8) 16d TRUSS
GI	GABLE	1	130	---	130	LPTA	1250	(11) 10d x 1 1/2"	---	---	---	LPTA	1250	(11) 10d x 1 1/2"
GRD	HIP SCISSOR 3-PLY GIRDER	1	613	---	600	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
HSGRD	HIP SCISSOR 4-PLY GIRDER	1	2786	---	2786	MUG15	4165	(22) 10d 115/8" ANCHOR BOLT 3/4" EMBEDDED	---	---	---	MUG15	4165	(22) 10d 115/8" ANCHOR BOLT 3/4" EMBEDDED
HI	HIP	1	232	---	232	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
HIGRD	HIP	1	1164	---	1164	(2) TA18	2410	(8) 10d x 1 1/2"	---	---	---	(2) TA18	2410	(8) 10d x 1 1/2"
HS1	SCISSOR	1	355	---	355	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
HS2	SCISSOR	2	346	---	346	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
HS3	SCISSOR	2	345	---	345	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
HS4	SCISSOR	2	332	---	332	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
HS5	SCISSOR	2	319	---	319	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
HS6	SCISSOR	1	316	---	316	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
HS6A	SCISSOR	1	316	---	316	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
HS7A	SCISSOR	1	337	---	337	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
JGRDP	MONO TRUSS	1	121	---	37	HHCP2	800	TRUSS (10) 10d x 1 1/2" PLATE (10) 10d x 1 1/2"	---	---	---	THJ26	1010	HIP(17)10d-HEADER(16)16d JACK(5)10d x 1 1/2"
JIGRD	MONO TRUSS	2	281	---	391	HHCP2	800	TRUSS (10) 10d x 1 1/2" PLATE (10) 10d x 1 1/2"	---	---	---	THJ26	1010	HIP(17)10d-HEADER(16)16d JACK(5)10d x 1 1/2"
J1	MONO TRUSS	4	115	78	25	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
J1P	JACK	3	95	---	59	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
J2	JACK	4	108	---	96	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
J2P	JACK	2	93	---	14	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
J3	JACK	4	107	---	43	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
J4	JACK	4	105	---	11	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
JS1	SPECIAL	14	169	---	101	TA18	1205	(8) 10d x 1 1/2"	---	---	---	JUS26	1115	(4) 10d HEADER (4) 10d TRUSS
JS2	SPECIAL	2	173	---	103	TA18	1205	(8) 10d x 1 1/2"	---	---	---	JUS26	1115	(4) 10d HEADER (4) 10d TRUSS
JS3	SPECIAL	2	285	---	181	TA18	1205	(8) 10d x 1 1/2"	---	---	---	JUS26	1115	(4) 10d HEADER (4) 10d TRUSS
JS4	SPECIAL	2	156	---	16	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
JS5	SPECIAL	2	350	---	70	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
JS6	SPECIAL	2	21	---	21	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
JS7	SPECIAL	2	91	---	24	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
JS8	SPECIAL	4	88	---	49	TA18	1205	(8) 10d x 1 1/2"	---	---	---	16d NAILS	2	2
STGRD	SPECIAL	1	180	396	254	TA18	1205	(8) 10d x 1 1/2"	TA18	1205	(8) 10d x 1 1/2"	LTW12	670	(12) 10d x 1 1/2"
STHI	SPECIAL	1	244	---	190	TA18	1205	(8) 10d x 1 1/2"	---	---	---	LTW12	670	(12) 10d x 1 1/2"
ST1	SPECIAL	2	252	---	207	TA18	1205	(8) 10d x 1 1/2"	---	---	---	LTW12	670	(12) 10d x 1 1/2"
SI	SPECIAL	1	105	---	173	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
TI	COMMON	2	238	---	238	TA18	1205	(8) 10d x 1 1/2"	---	---	---	TA18	1205	(8) 10d x 1 1/2"
TISS	COMMON	5	237	---	152	TA18	1205	(8) 10d x 1 1/2"	---	---	---	JUS26	1115	(4) 10d HEADER (4) 10d TRUSS
VIA-V2A	VALLEY SET			LTW12 @ 48" o.c.			670	(12) 10d	---	---	---			
VID-V2D	VALLEY SET			LTW12 @ 48" o.c.			670	(12) 10d	---	---	---			
VIE-V3E	VALLEY SET			LTW12 @ 48" o.c.			670	(12) 10d	---	---	---			

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

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
 10 psf BOTTOM CHORD LL
 43 psf TOTAL LOAD
3. PROVIDE TRUSS BRACING PER TRUSS ENGINEERING & BCSI-03

REVISIONS :

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1606 OF THE FLORIDA BUILDING CODE 2001 FOR 125 MPH - 3 SEC GUST, 140' EXPOSURE BLENDED BUILDING. ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS.

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Maronda Homes

FLORIDA
 SANFORD, 4005 MARONDA WAY
 321-321-0064

AMERICANA INFO SHEET

CHESAPEAKE

ELEVATION - K, M

LEFT

125 MPH

DATE: 10/23/2007

RELEASE DATE: 10/23/2007

21 APR 2008

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

Elmer Bergman, P.E.
 License No. 50158

MAY 23 2008

SHEET:

TRIK

Thu Jan 13 09:42:18 2005
p:*fl*houses 05*chesapeake3*electricalf*che.ele

elecInth REPORT

Thu Jan 13 09:42:18 2005
p:*fl*houses 05*chesapeake3*electricalf*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



553.4.885 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.

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

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

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

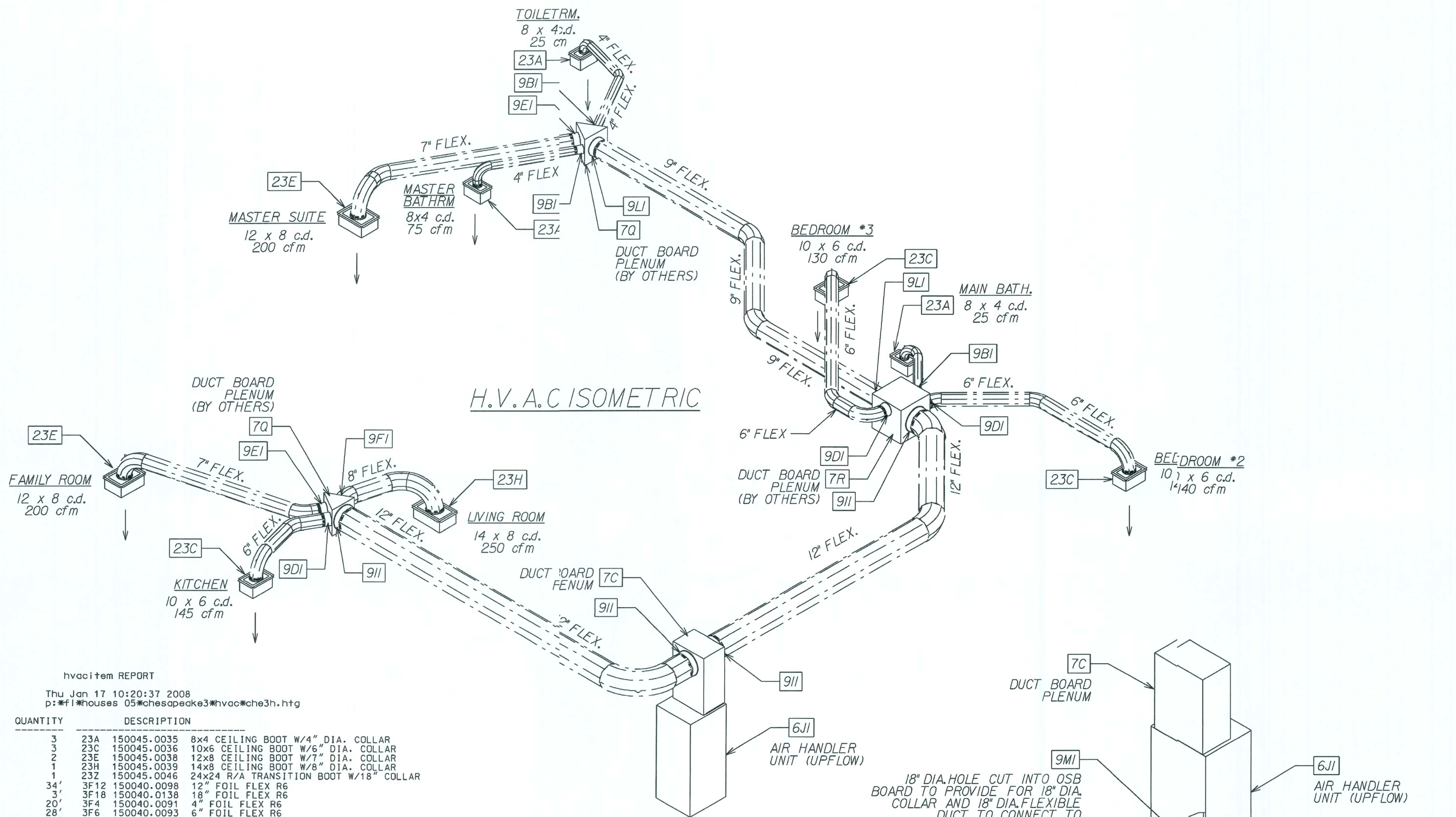
SHEET:	E L L	DATE: 15 JAN 2008 09:57:51	AMERICANA ELECTRIC LAYOUT CHESAPEAKE	DRAWN BY:	GARAGE: LEFT	RELEASE DATE: 11 - 02 - 04		(407) 321-0064 4005 MARONDA WAY SANFORD, FLORIDA	COPYRIGHT © 2005 MARONDA HOMES	REVISIONS :
				02-03-06 REVISED MASTER BATH LIGHT 04-17-06 RELOC'D EXT.PWR.DISC. @ A/C 04-26-06 RELOC'D S/D @ MAS.B.R. 01-26-07 ELIM. SMOKE DETECT. HOME RUN. 02-19-07 ADD SMOKE DETECTOR TO MASTER BEDROOM 07-23-07 ADDED ELEV.K* TO ELECT. PLAN						



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



* USE WITH 13 SEER EQUIPMENT *

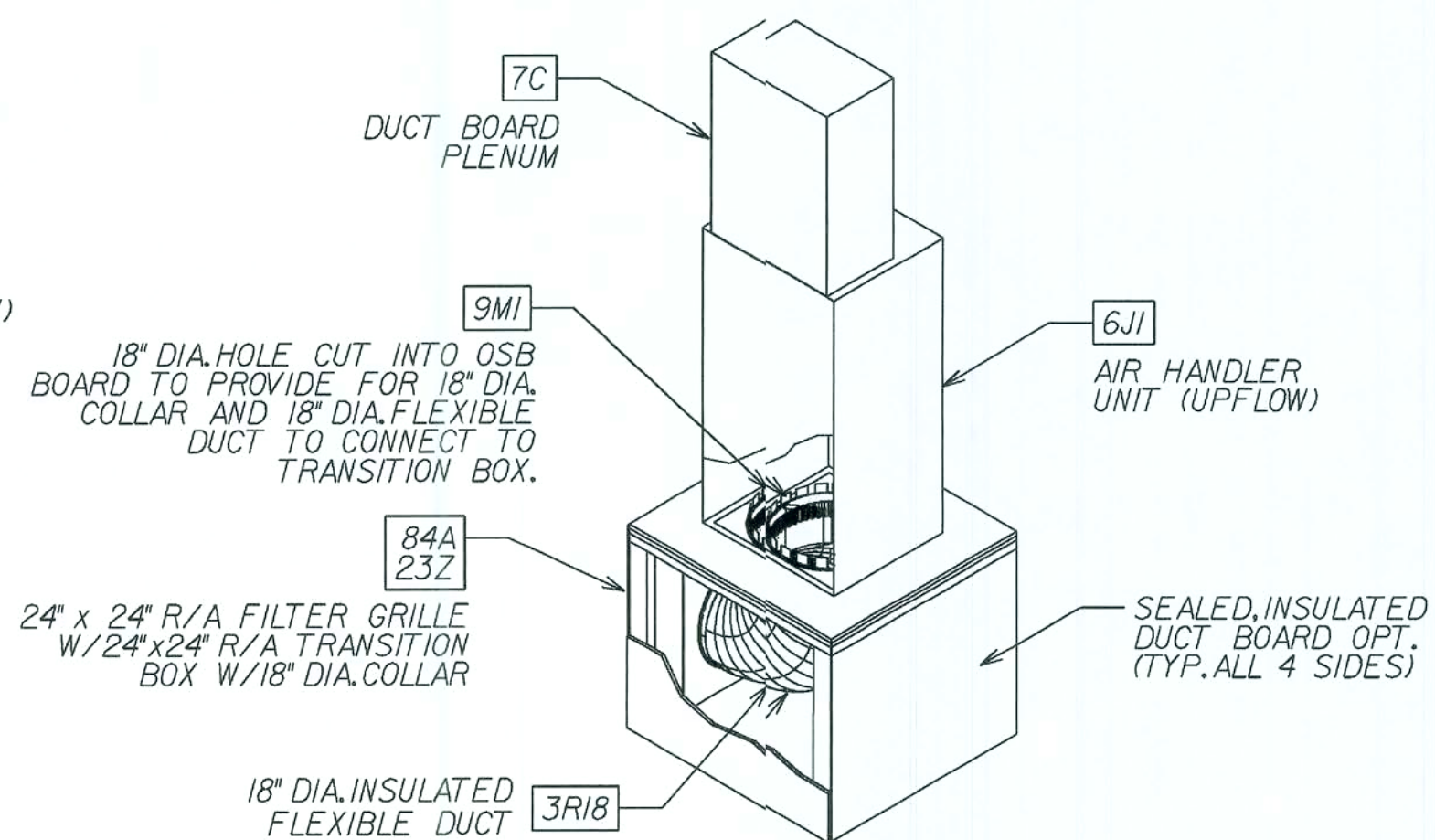


CHESPEAKE HVAC LAYOUT

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

3 TON
 TEMPSTA FEM2X3600 13 SEER
 TEMPSTA N2H336AKA 13 SEER
 5.0 KW
 BRAEBURI 5200 2 STAGE HEAT PUMP PROGRAMABLE
 BROAN 6770 CFM
 SIZES OF REDUCTION BOXES (DB6-16x14x16x12x15)
 SIZE OF RIANGLES (15x15x15x15)
 EXT STAT. 60 1190 CFM H

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



RETURN-AIR ISOMETRIC

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	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 T.J.M.

01/17/08 REV.DUCT FROM 5\" TO 4\" IN M.B.-T.J.

AMERICANA

3 BEDROOM

DRAWN BY: MARTINEZ

RELEASE DATE: 11-02-04

CHESAPEAKE-3

3 BEDROOM

RELEASE DATE: 11-02-04

ISO-H

21 JAN 2008

Maronda Homes

4005 MARONDA WAY

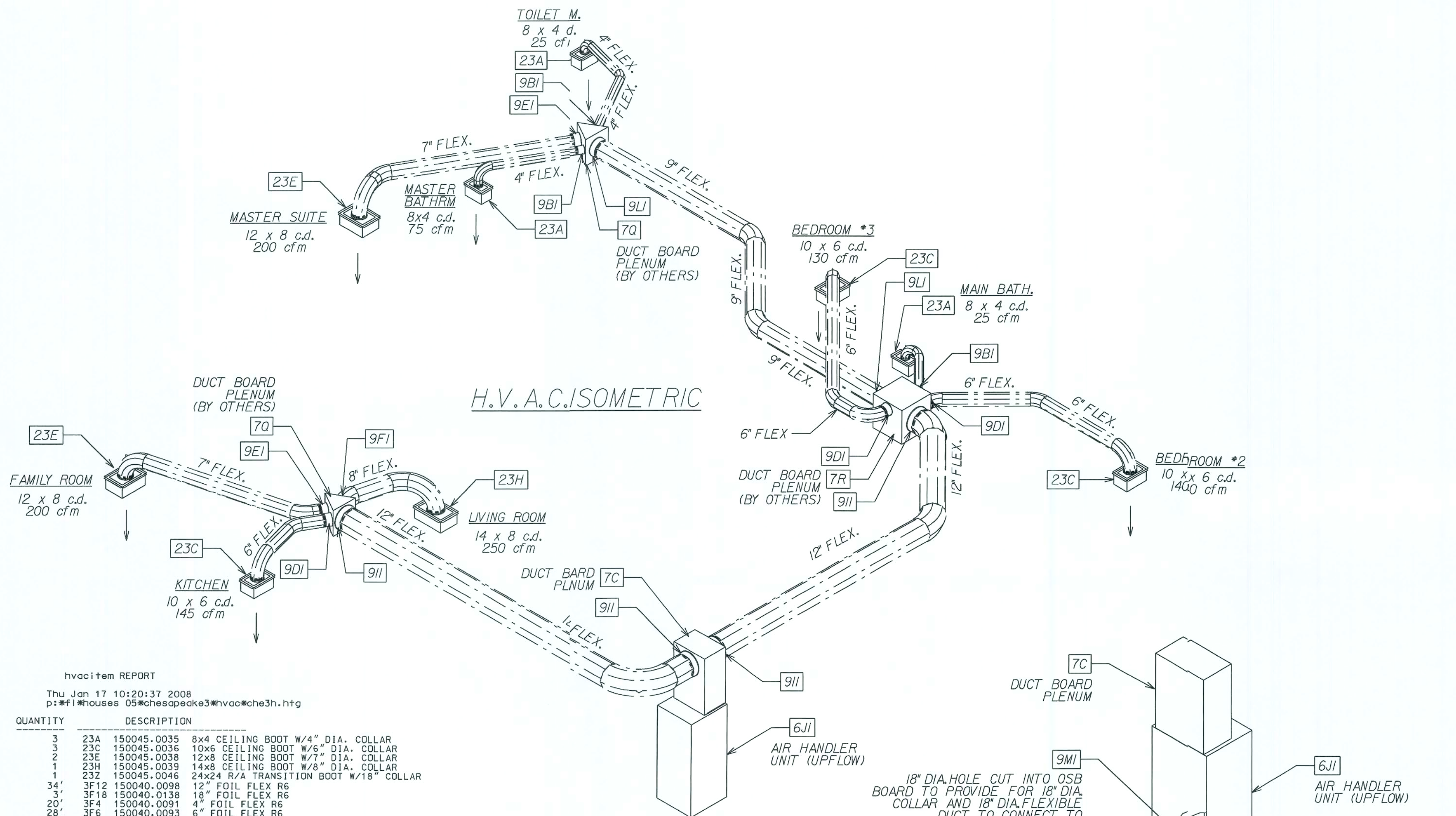
SANFORD, FLORIDA

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

095446

FLORIDA BUILDING CODE 2004: RESIDENTIAL

* USE WITH 13 SEER EQUIPMENT *



hvacitem REPORT

Thu Jan 17 10:20:37 2008
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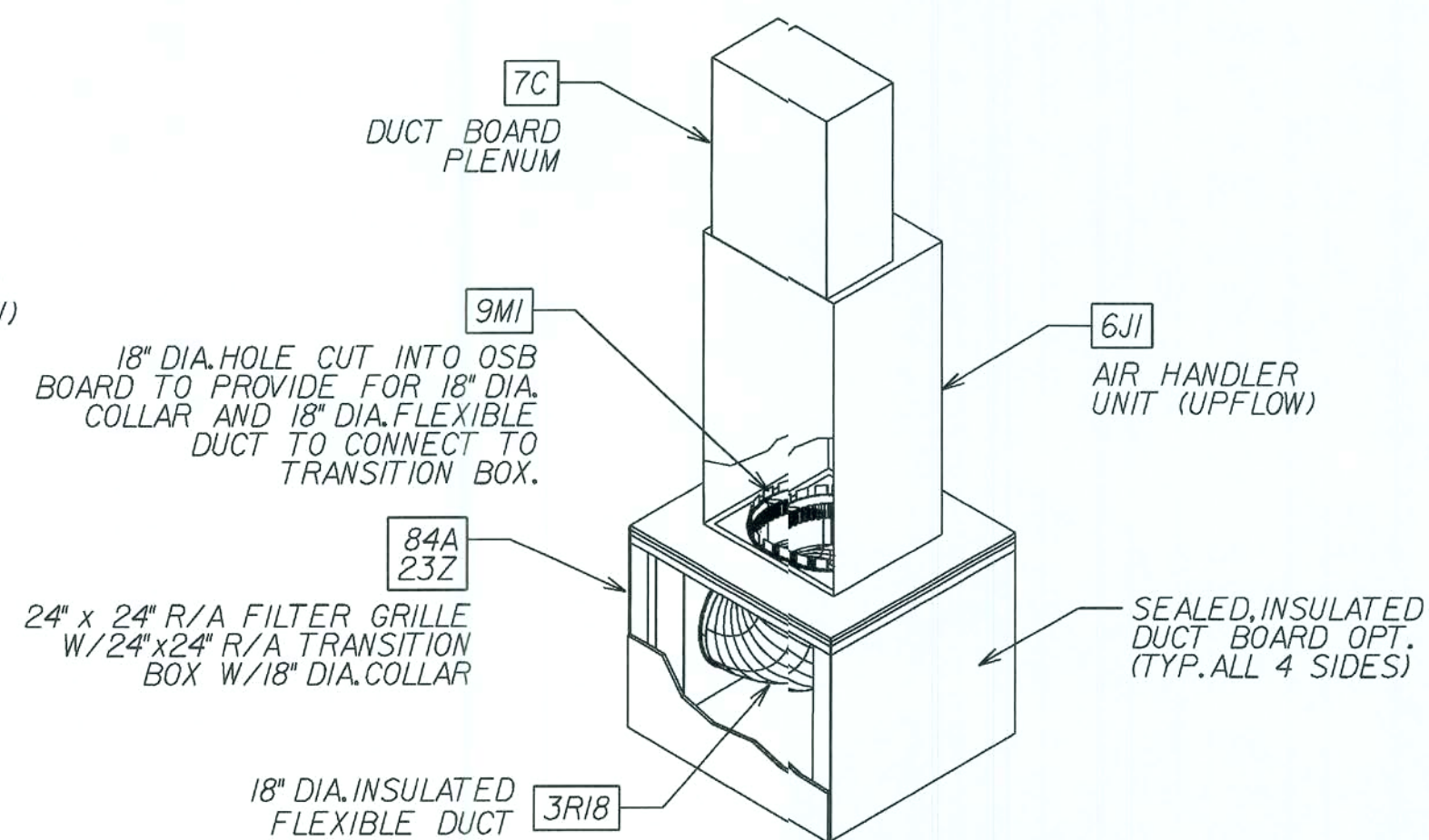
QUANTITY	DESCRIPTION
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3	23C 150045.0036 10x6 CEILING BOOT W/6" DIA. COLLAR
2	23E 150045.0038 12x8 CEILING BOOT W/7" DIA. COLLAR
1	23H 150045.0039 14x8 CEILING BOOT W/8" DIA. COLLAR
1	23Z 150045.0046 24x24 R/A TRANSITION BOOT W/18" COLLAR
34'	3F12 150040.0098 12" FOIL FLEX R6
3'	3F18 150040.0138 18" FOIL FLEX R6
20'	3F4 150040.0091 4" FOIL FLEX R6
21'	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
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2	7Q 150040.0118 DUCT PLENUM TRIANGLE
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2	81B 150045.0052 24x4 TRANSFER GRILLE FRAME
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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)
1	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

CHESAPEAKE HVAC LAYOUT

SCALE: 3/16" = 0"

3 TON
TEMPSTAR FEM2X3600 13 SEER
TEMPSTAR N2H336AKA 13 SEER
5.0 KW
BRAEBURN 200 2 STAGE HEAT PUMP PROGRAMABLE
BROAN 6717 CFM
SIZES OF EDUCATION BOXES (DB6-16x14x16x12x15)
SIZE OF TRIANGLES (15x15x15)
EXT STAT 1.60 1190 CFM H

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

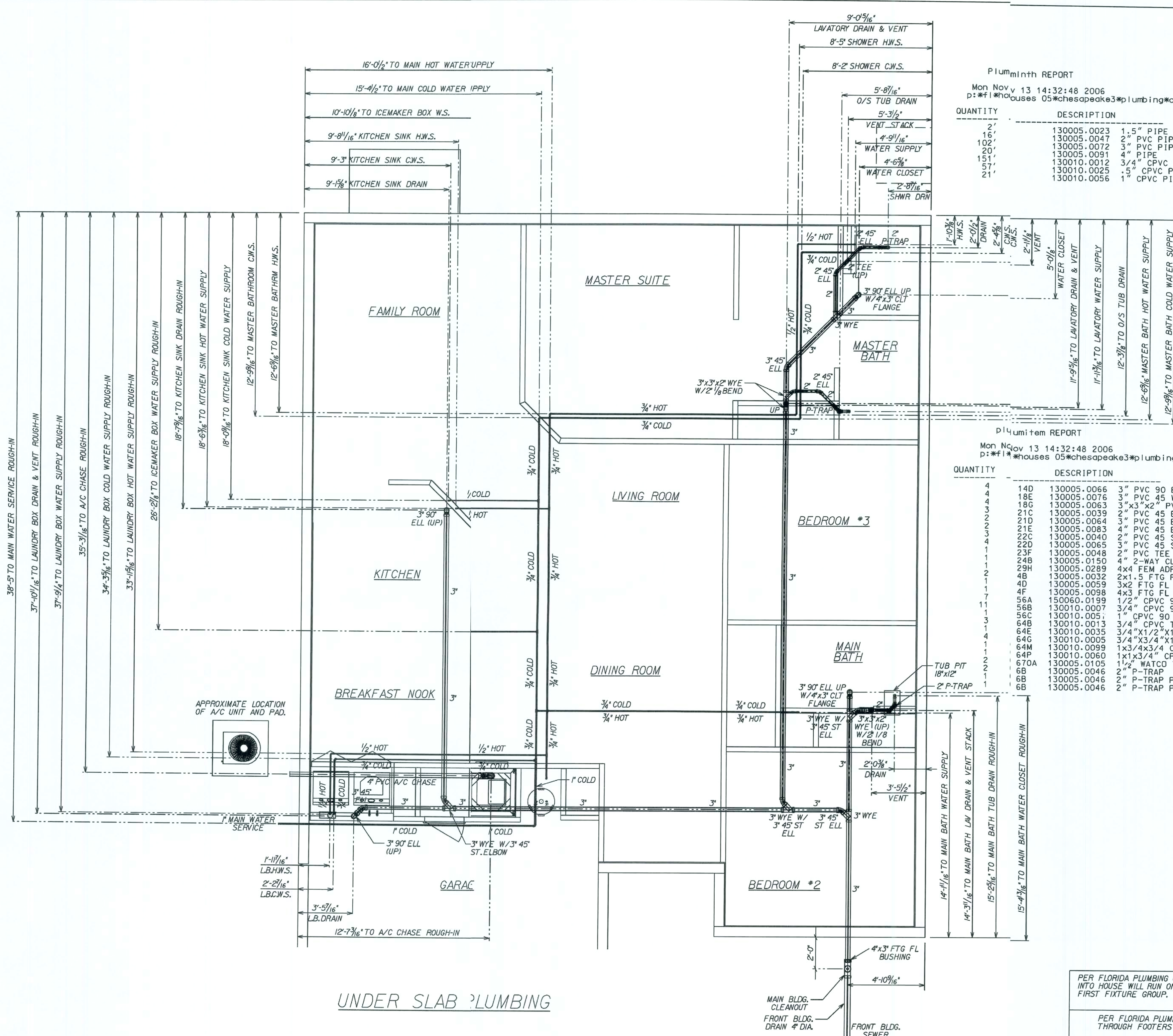


RETURN-AIR ISOMETRIC

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

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MARONDA HOMES
4005 MARONDA WAY SANFORD, FLORIDA 321-321-0064
THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2004 RESIDENTIAL AND 2005 SUPPLEMENT

09-5466



PlumInth REPORT
Mon Nov 13 14:32:48 2006
p:*f1*houses 05*chesapeake3*plumbing*che3p.fp1

QUANTITY	DESCRIPTION
2	130005.0023 1.5" PIPE
16	130005.0047 2" PVC PIPE
102	130005.0072 3" PVC PIPE
20	130005.0091 4" PIPE
151	130010.0012 3/4" CPVC PIPE
21	130010.0025 .5" CPVC PIPE
	130010.0056 1" CPVC PIPE

Plumitem REPORT
Mon Nov 13 14:32:48 2006
p:*f1*houses 05*chesapeake3*plumbing*che3p.fp1

QUANTITY	DESCRIPTION
4	130005.0066 3" PVC 90 ELBOW
14D	130005.0076 3" PVC 45 WYE
18E	130005.0063 3"x3"x2" PVC 45 WYE
18C	130005.0039 3" PVC 45 ELBOW
21C	130005.0064 3" PVC 45 ELBOW
21D	130005.0083 3" PVC 45 ELBOW
21E	130005.0040 3" PVC 45 ST. ELBOW
22C	130005.0065 3" PVC 45 ST. ELBOW
22D	130005.0150 4" 2-WAY CLEANOUT TEE
23F	130005.0048 2" PVC TEE
24B	130005.0032 4"x1.5 FTG FL BUSHING
29H	130005.0289 4x4 FEM ADPTR W/ C/D PLG.
4B	130005.0032 2x1.5 FTG FL BUSHING
4D	130005.0059 3x2 FTG FL BUSHING
4F	130005.0098 4x3 FTG FL BUSHING
55A	130060.0199 1/2" CPVC 90 ELBOW
55B	130010.0007 3/4" CPVC 90 ELBOW
56C	130010.0057 1" CPVC 90 ELBOW
64B	130010.0013 3/4" CPVC TEE
64E	130010.0035 3/4"x1/2"x1/2" CPVC TEE
64G	130010.0005 3/4"x3/4"x1/2" CPVC TEE
64M	130010.0099 1x3/4x3/4 CPVC TEE
64P	130010.0060 1x1x3/4" CPVC TEE
67OA	130005.0105 1/2" WATCO TUB O.F. ASSEMBLY
6B	130005.0046 2" P-TRAP
6B	130005.0046 2" P-TRAP Part A
6B	130005.0046 2" P-TRAP Part B

AMERICANA UNGRD PLUMBING

CHESAPEAKE-3

REVISIONS:

6/15/06	REVISED IUG PLBG FITTINGS TJM
08/08/06	REVISED A/C CHASE & BOM TJM
11/07/06	REVISED A/C CHASE & BOM TJM

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

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

DRAWN: MARTINEZ

GARAGE: LEFT

RELEASE DATE: 11-02-04

10/04/02

15 JAN 2008

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

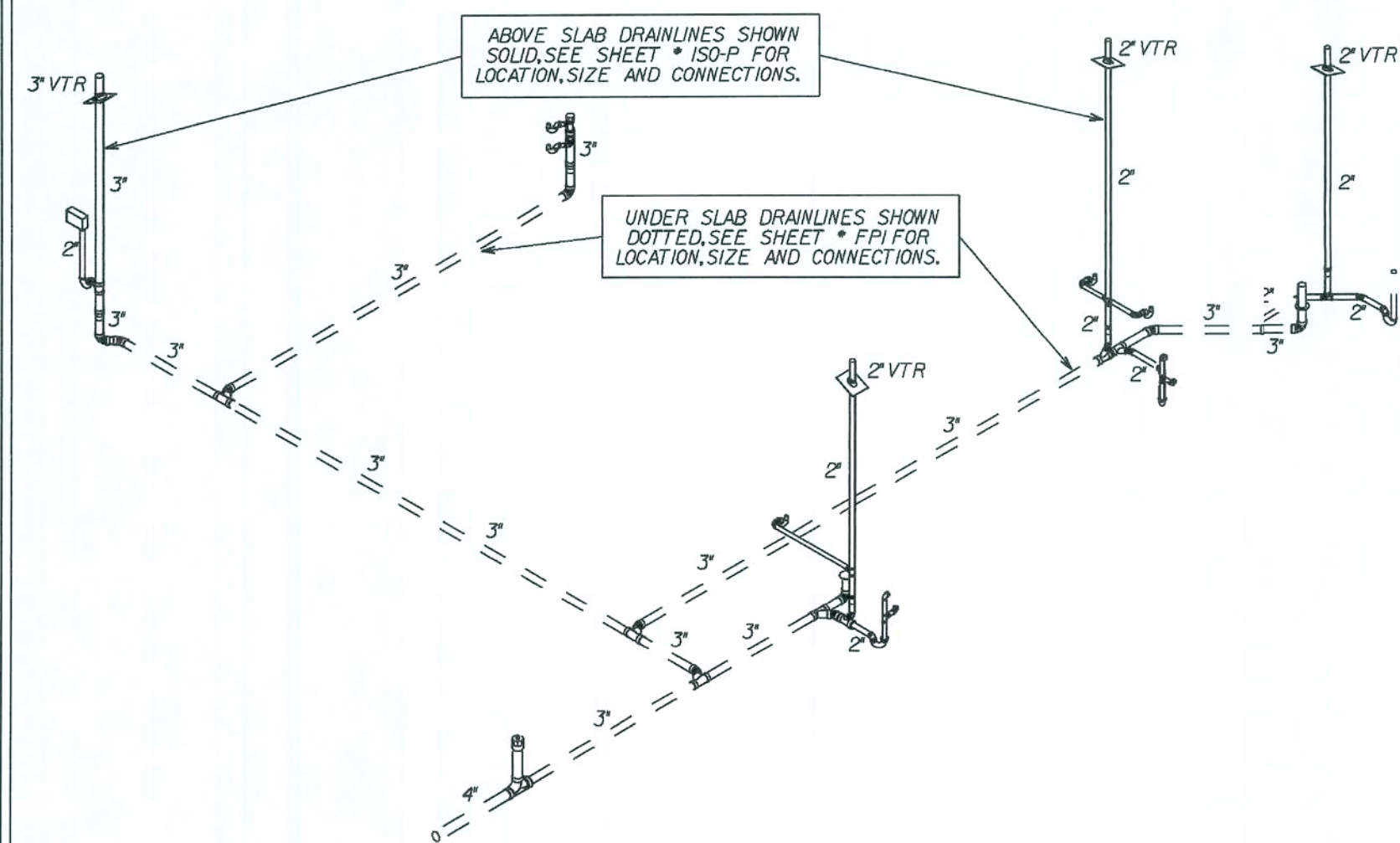
REVISED 08-15-05

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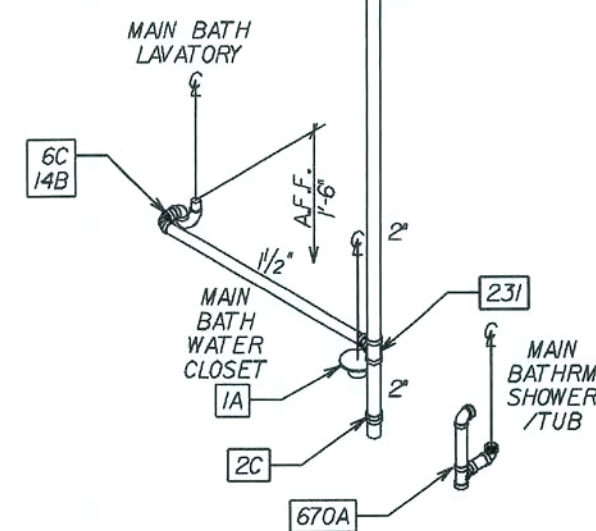
UNDER SLAB PLUMBING



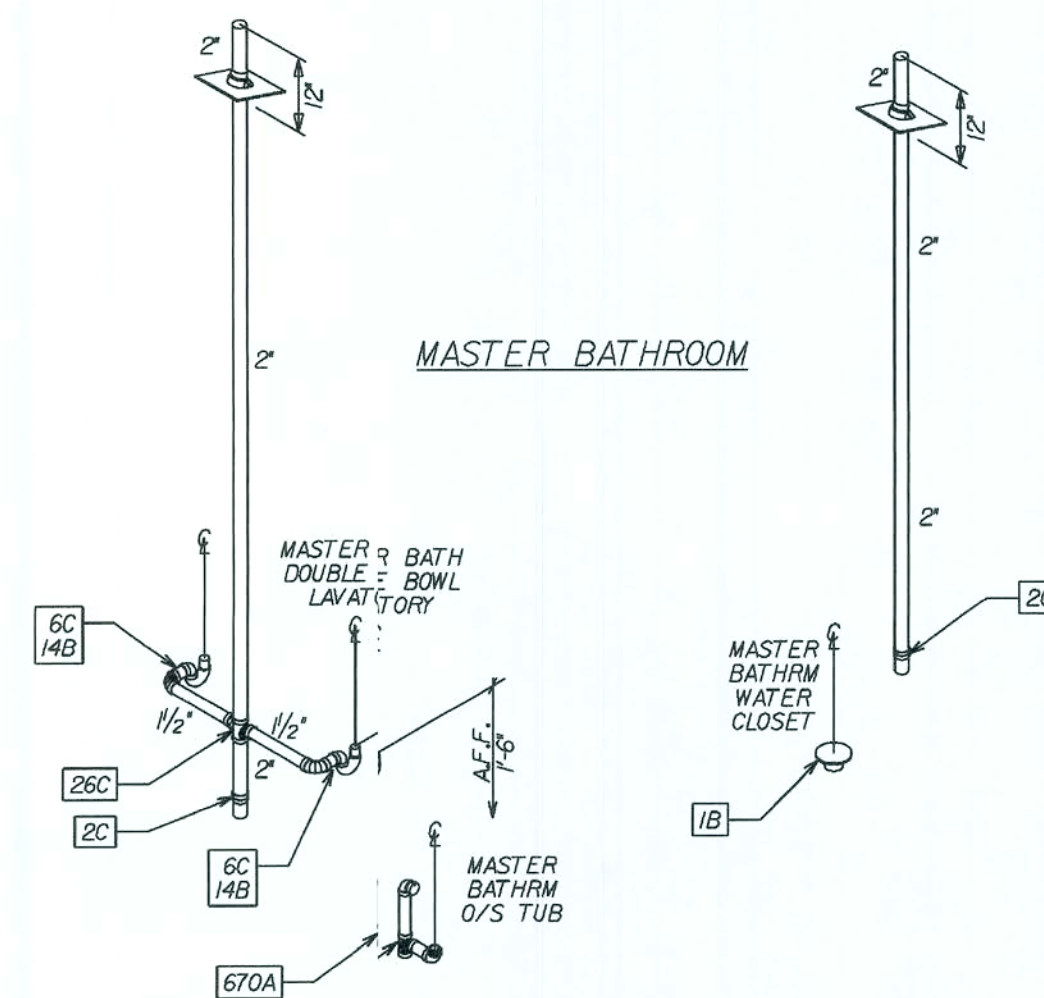
COMPLETE SANITARY PLUMBING DIAGRAM:



MAIN BATHROOM



MASTER BATHROOM



plumitem REPORT

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

QUANTITY	DESCRIPTION
5	14B 130005.00013 1.5" PVC 90 ELBOW
2	1B 130005.00099 4"x3" CLOSET FLANGE
1	23L 130005.00034 2"x2"x1.5" PVC TEE
1	23L 130005.00062 3"x3"x2" PVC TEE
1	26C 130005.00133 2"x2"x1.5"x1.5" DOUBLE TEE
1	26E 130005.00132 3"x3"x1.5"x1.5" DOUBLE TEE
4	2C 130005.00043 2" PVC COUPLING
2	2E 130005.00068 3" PVC COUPLING
3	46B 130050.00125 2" NEOPRENE ROOF FLASHING
1	46C 130050.00028 3" NEOPRENE ROOF FLASHING
1	4D 130005.00059 3x2 FTG FL BUSHING
1	620B 130035.00027 Laundry Box Right
2	670A 130005.00105 1 1/2" WATCO TUB OVERFLOW ASSEMBLY
1	6B 130005.00046 2" P-TRAP
5	6C 130005.00107 1.5"x1.25" P-TRAP W/UNION JT
1	7A 130005.00160 1.25-2" STUODOR MINI-VENT

PlumInth REPORT

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

QUANTITY	DESCRIPTION
9'	130005.00023 1.5" PIPE
38'	130005.00047 2" PVC PIPE
13'	130005.00072 3" PVC PIPE
35'	130010.00012 3/4" CPVC PIPE
50'	130010.00025 .5" CPVC PIPE
7'	130025.00006 1/2" COPPER Pipe

REVISIONS :

09/07/06	REV'D KITCHEN SINK ASSEM. - TJM
11/13/06	REV'D LAUNDRY BOX ASSEMBLY TJM

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Maronda Homes

FLORIDA
4005 MARONDA WAY SANFORD, FL 32131

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR RESIDENTIAL AND 2005 SUPPLEMENT

AMERICANA D.W.V. PLUMBING

CHESAPEAKE-3

DRAWN BY: GARAGE: LEFT

RELEASE DATE: 11-02-04

TOM MARTINEZ

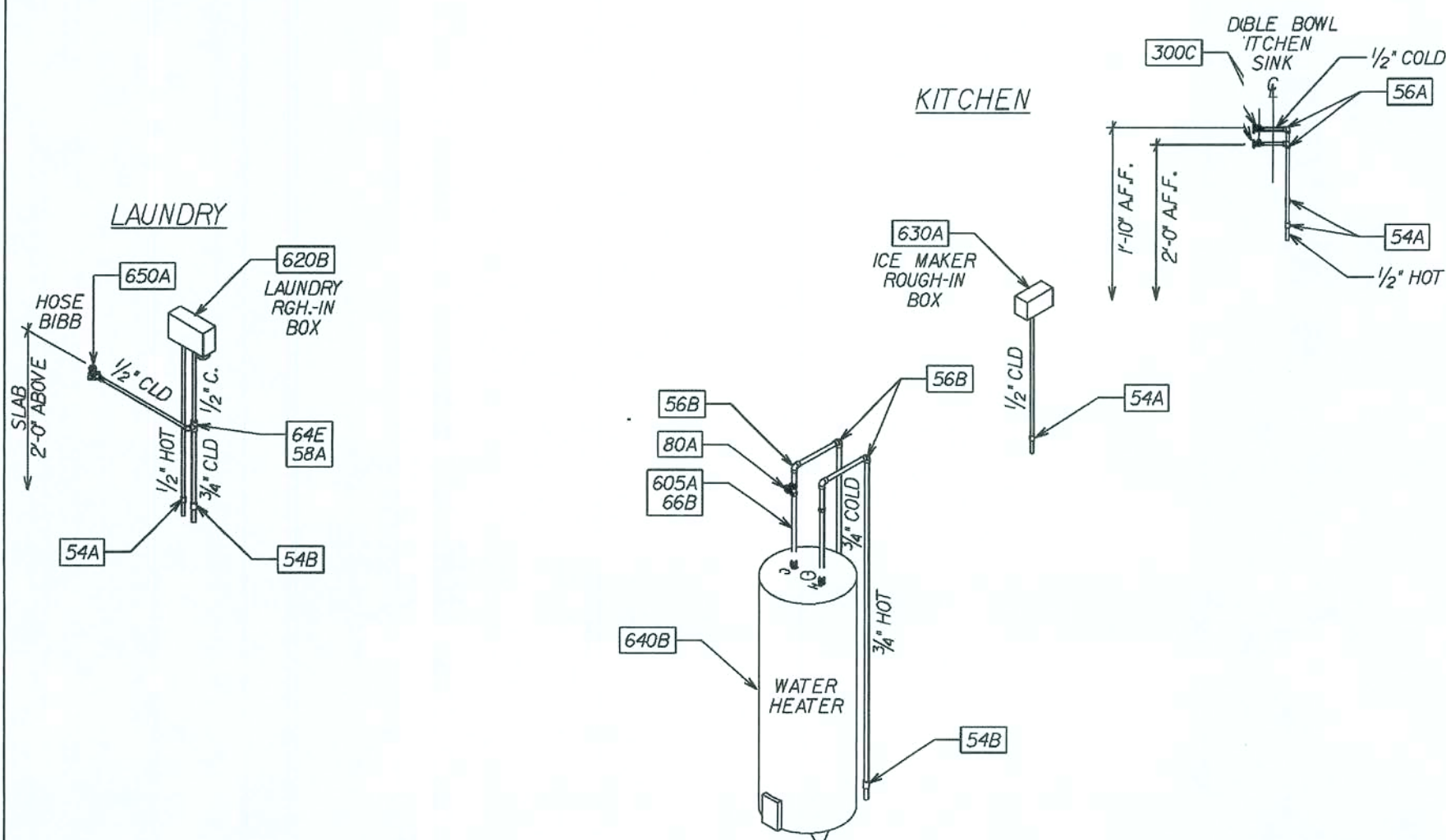
1024413

15 JAN 2008

SHEET:

ISO-P

FLORIDA BUILDING CODE 2004 : RESIDENTIAL



plumitem REPORT

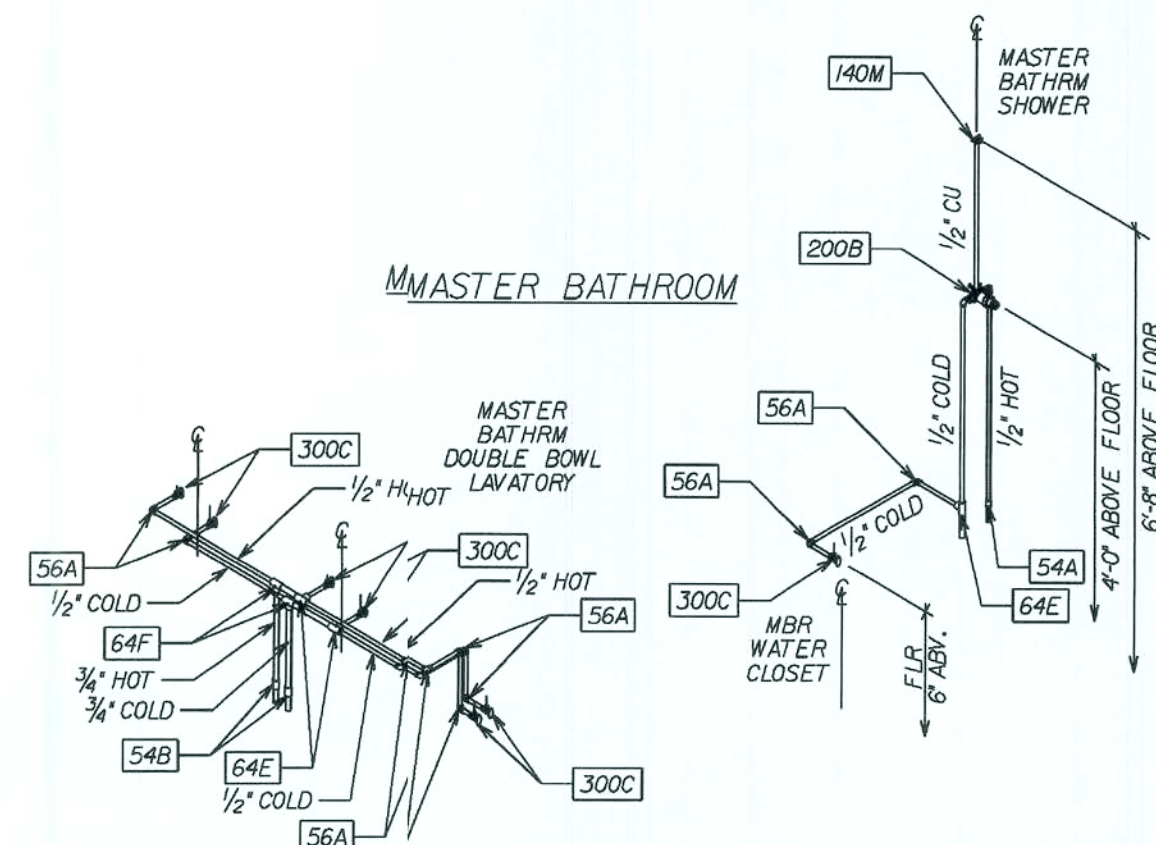
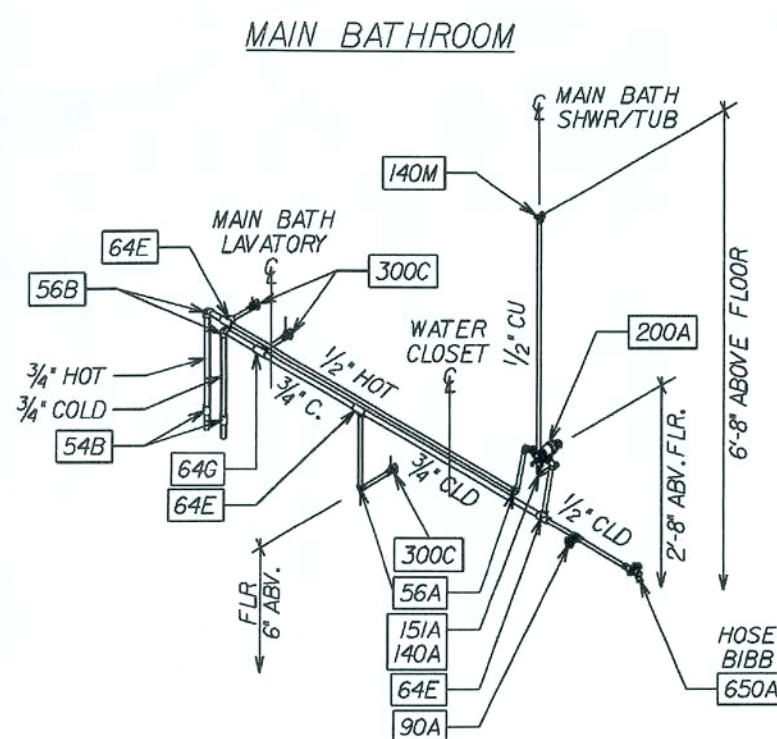
Mon Nov 13 14:54:52 2006
p:*fl*houses 05*chesapeake3*plumbing*che3p.plm

QUANTITY	DESCRIPTION
1	140A 130025.0017 1/2" COPPER 90 ELBOW
2	140M 130025.0051 1/2" COPPER 90 ELBOW DROP
1	151A 130025.0020 1/2" COPPER MALE ADAPTER
1	200A 130035.0061 Tub Diverter
1	200B 130035.0061 Shower Diverter
12	300C 130010.0046 1/2" x 3/8" Angle Valve
5	54A 130010.0022 1/2" CPVC COUPLING
7	54B 130010.0009 3/4" CPVC COUPLING
14	56A 150060.0199 1/2" CPVC 90 ELBOW
6	56B 130010.0007 3/4" CPVC 90 ELBOW
5	58A 130010.0027 1/2" CPVC 90 ST. ELBOW
2	605A 130055.0047 Corr Gas App Conn
1	620B 130035.0027 Laundry Box Right
1	630A 130035.0057 Ice Maker Box
6	64E 130010.0035 3/4"x1/2"x1/2" CPVC TEE
2	64F 130010.0037 3/4"x1/2"x3/4" CPVC TEE
2	64G 130010.0005 3/4"x3/4"x1/2" CPVC TEE
2	650A 130050.0109 1/2" Hose Bib
2	66B 130010.0010 3/4" CPVC MALE ADAPTER BRASS IREADS
1	80A 130010.0006 3/4" CPVC SHUTOFF VALVE
1	90A 130035.0080 Shut-Off Valve

PlumInth REPORT

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

QUANTITY	DESCRIPTION
35'	130010.0012 3/4" CPVC PIPE
50'	130010.0025 .5" CPVC PIPE
7'	130025.0006 1/2" COPPER Pipe



AMERICANA C.P.V.C WATER

CHESAPEAKE-3

DRAWN BY DM MARTINEZ GARAGE: LEFT

RELEASE DATE: 11-02-04

SHEET:

150-W

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

REVISED 10-03-06

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

REVISIONS :

11/13/06 LNDY, BOX & WATER HEATER T.M

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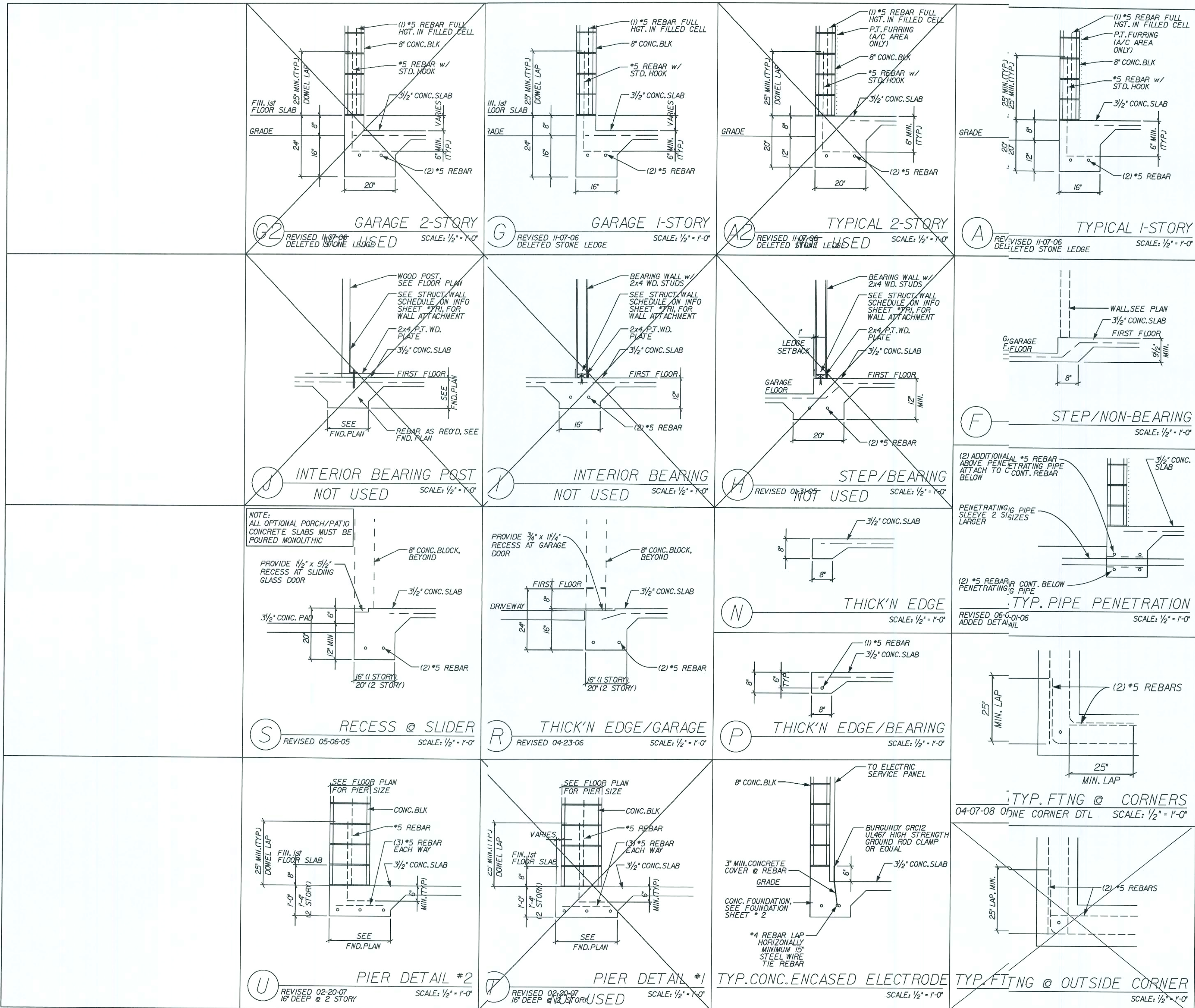
Maronda Homes

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

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

p:\Nouses_05\chesapeake3\plumbing\che3p.plm

PLOT DATE: 15 JAN 2008



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 FLORIDA BUILDING CODE 2004 : RESIDENTIAL

Maronda Homes

4005 MARONDA WAY SANFORD, FLORIDA 32771

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.
License No. 50158

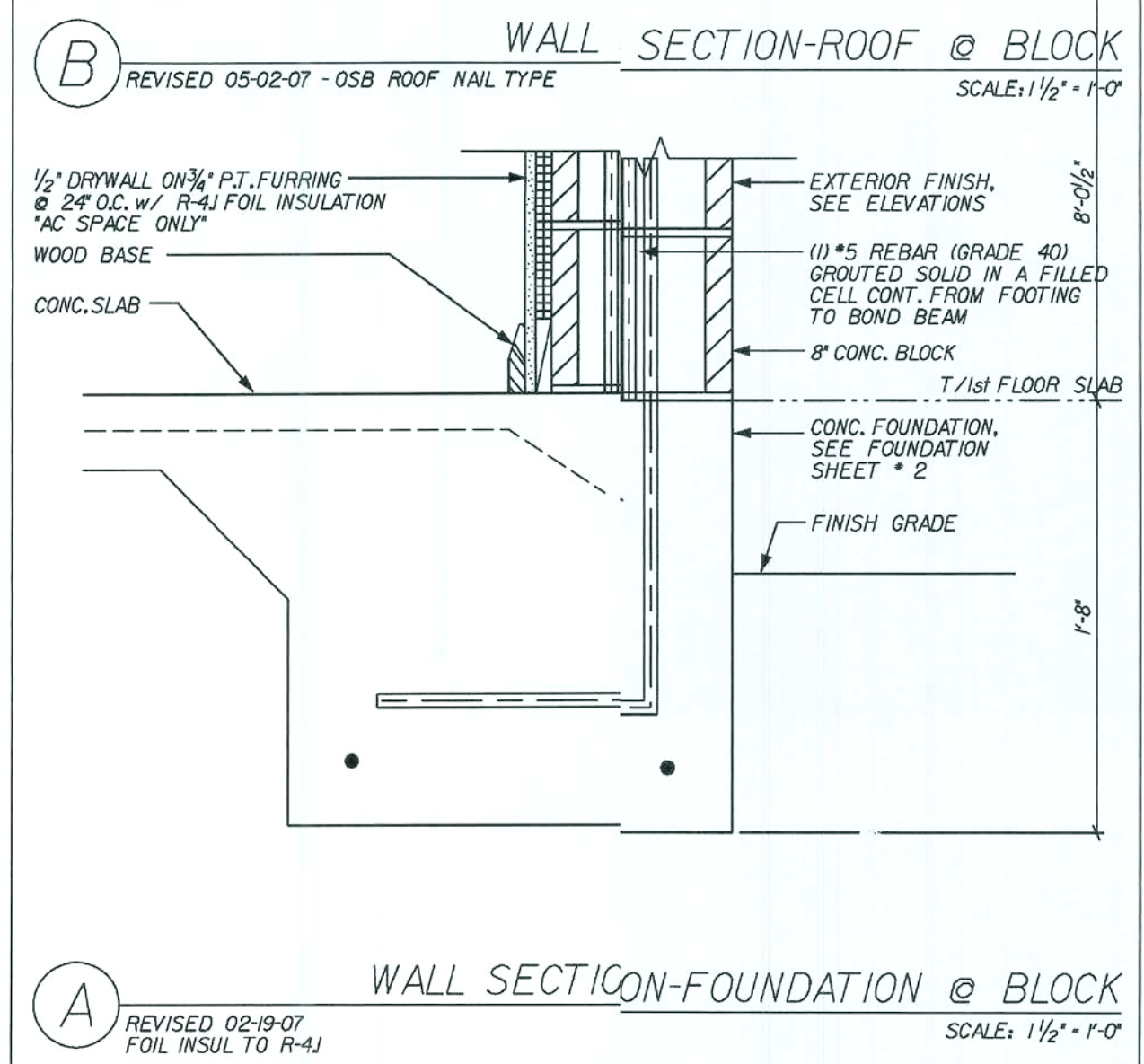
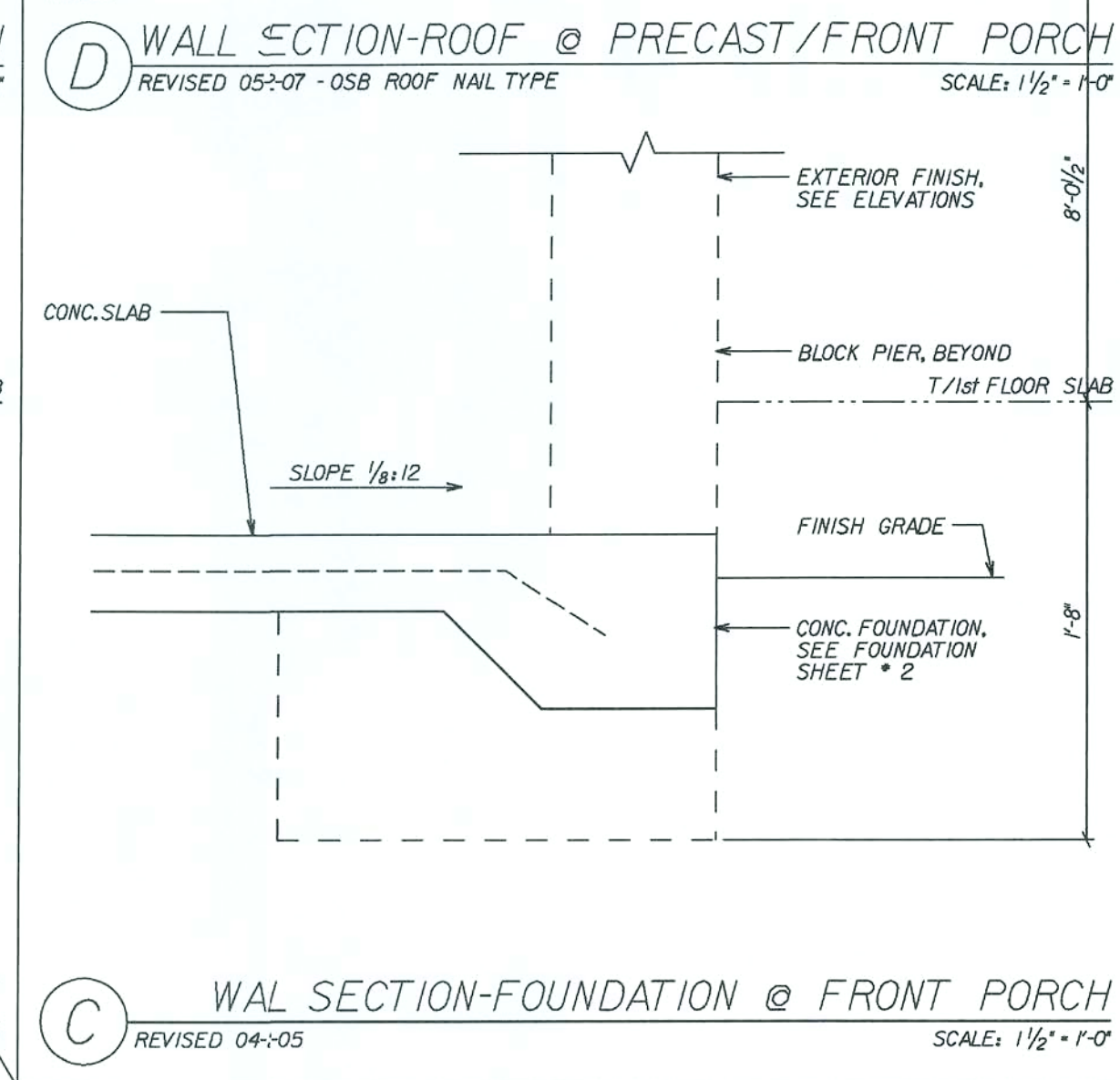
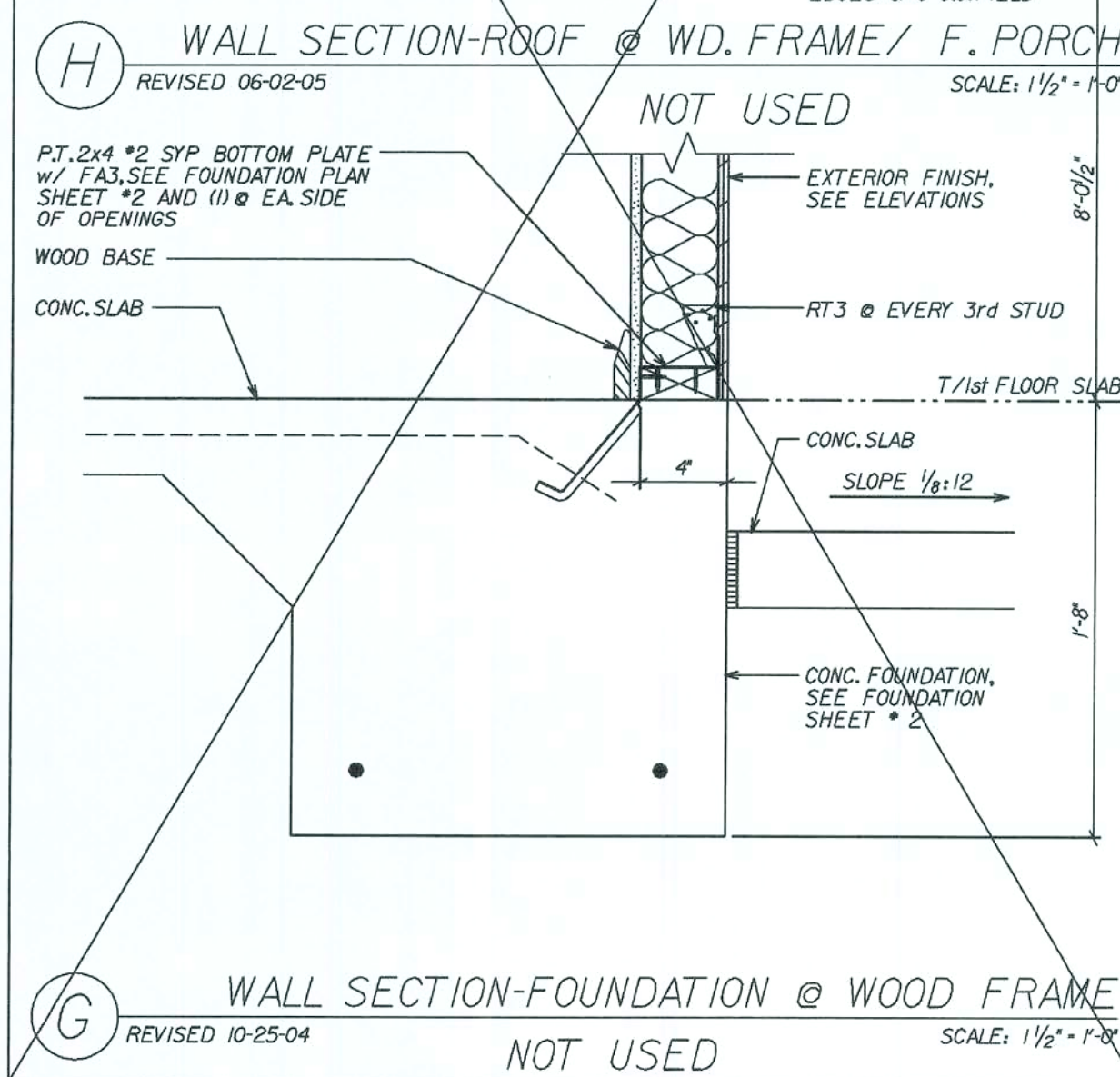
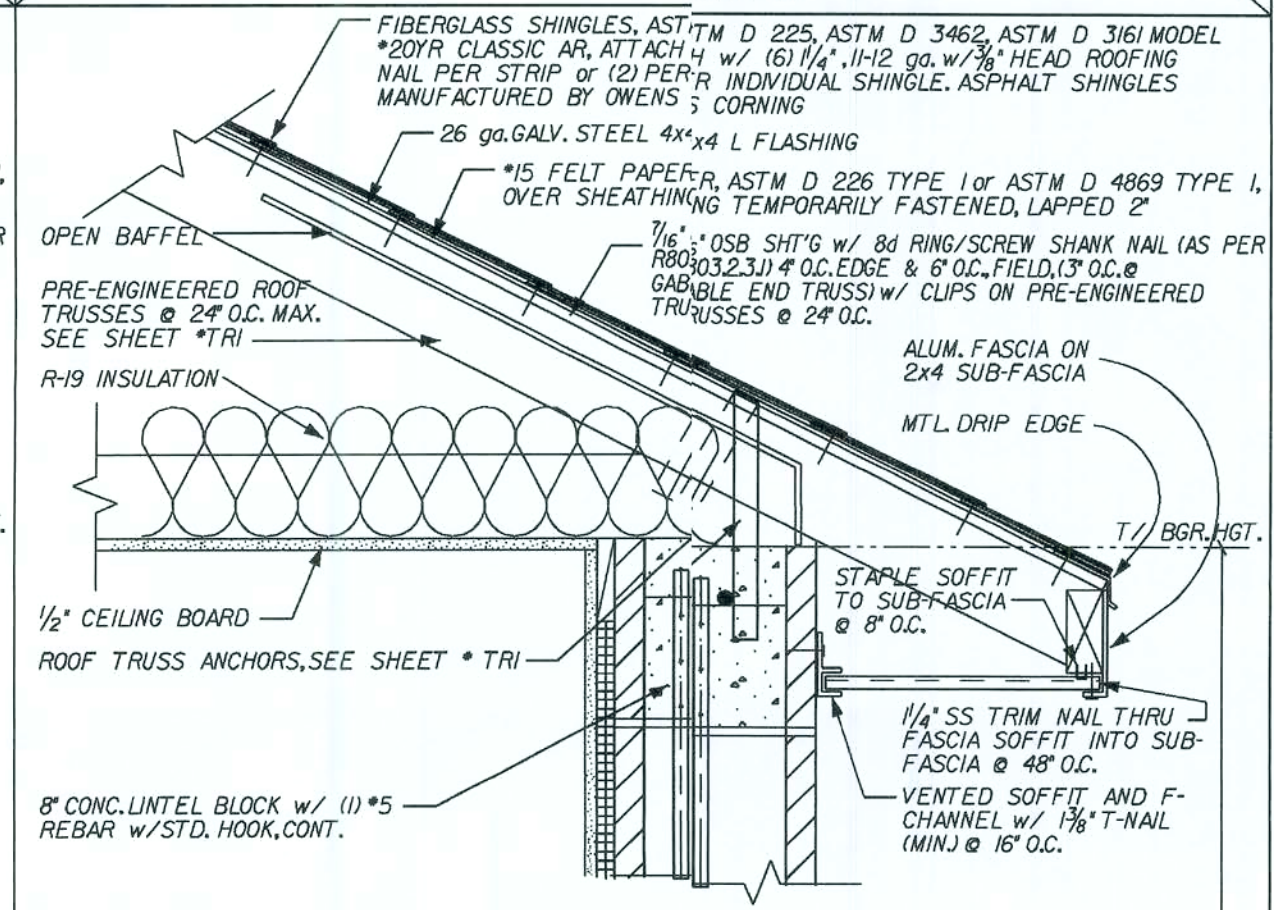
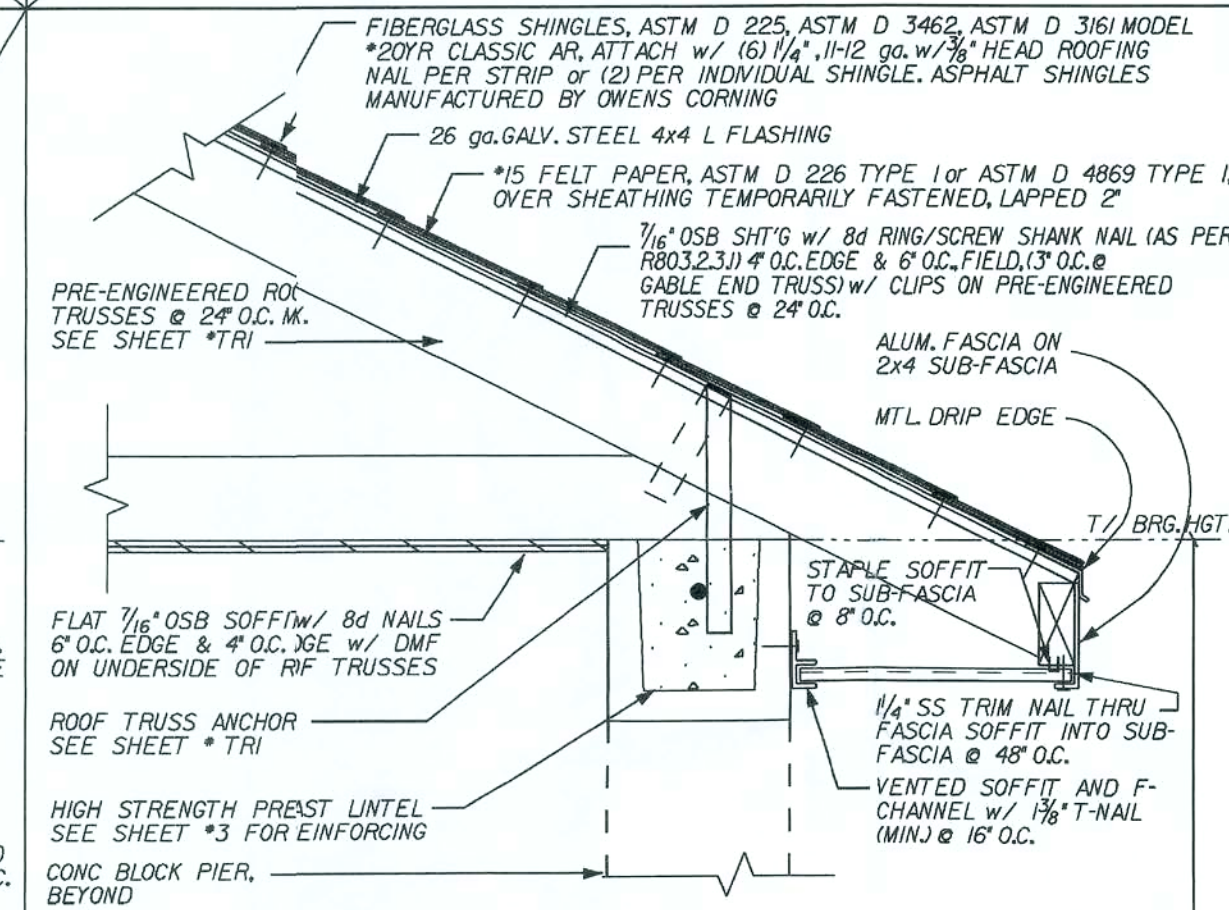
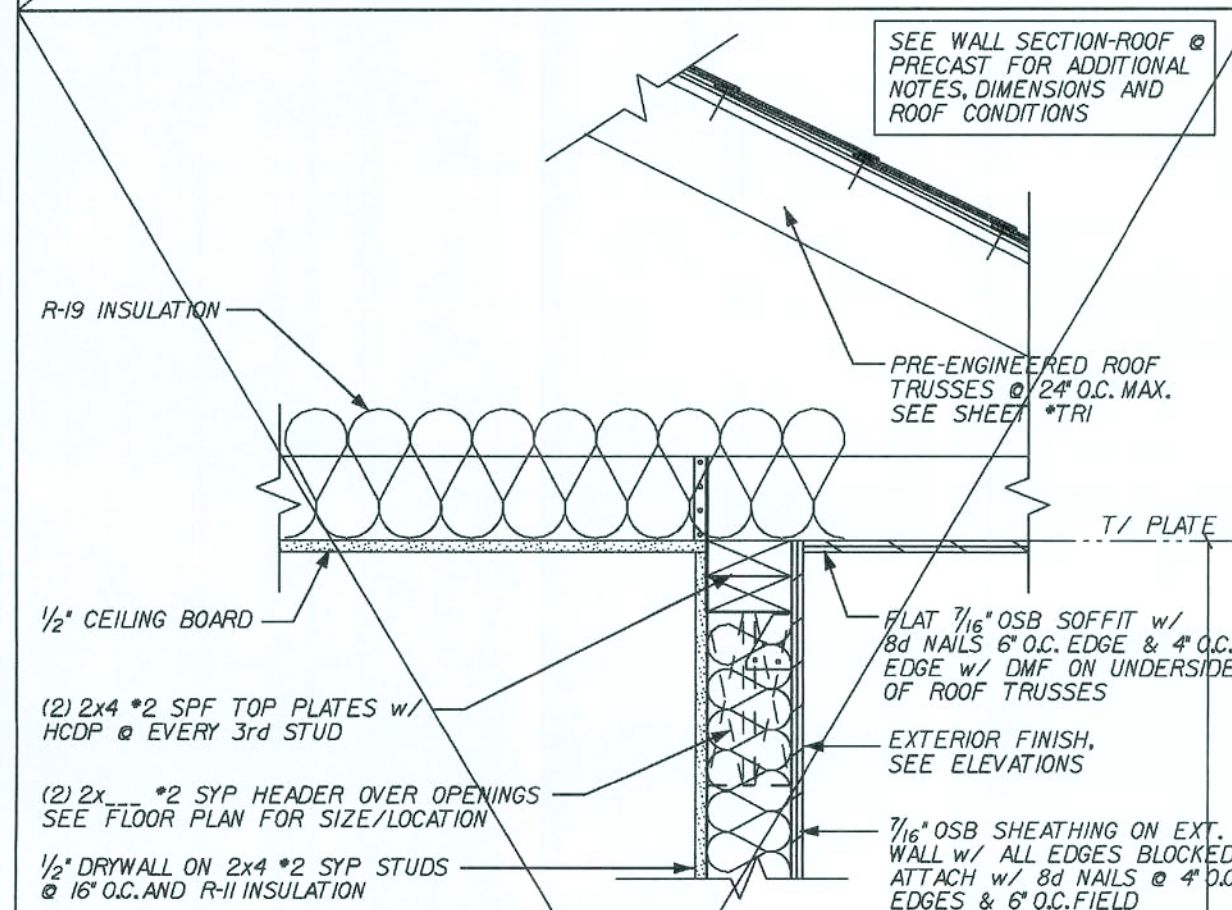
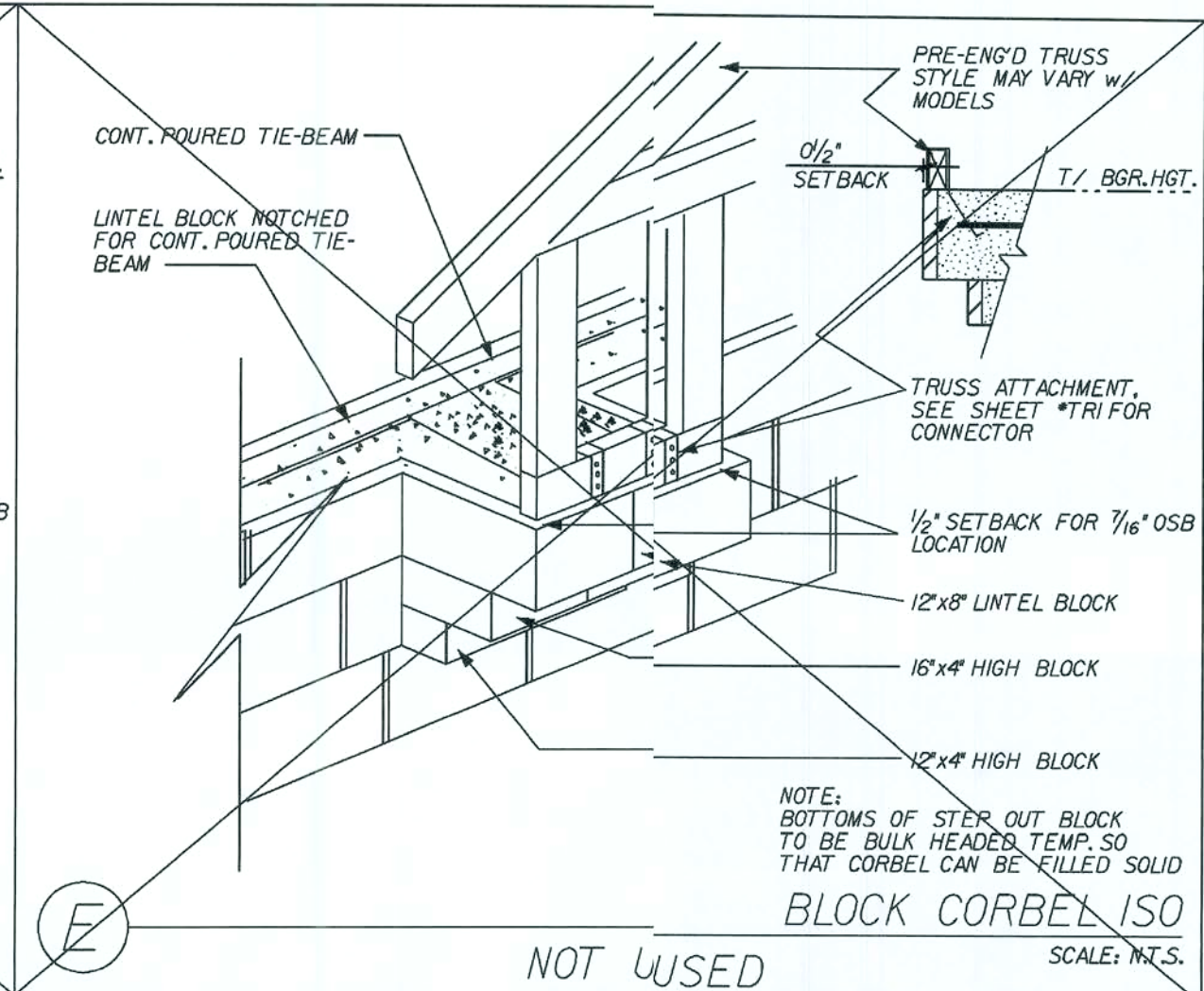
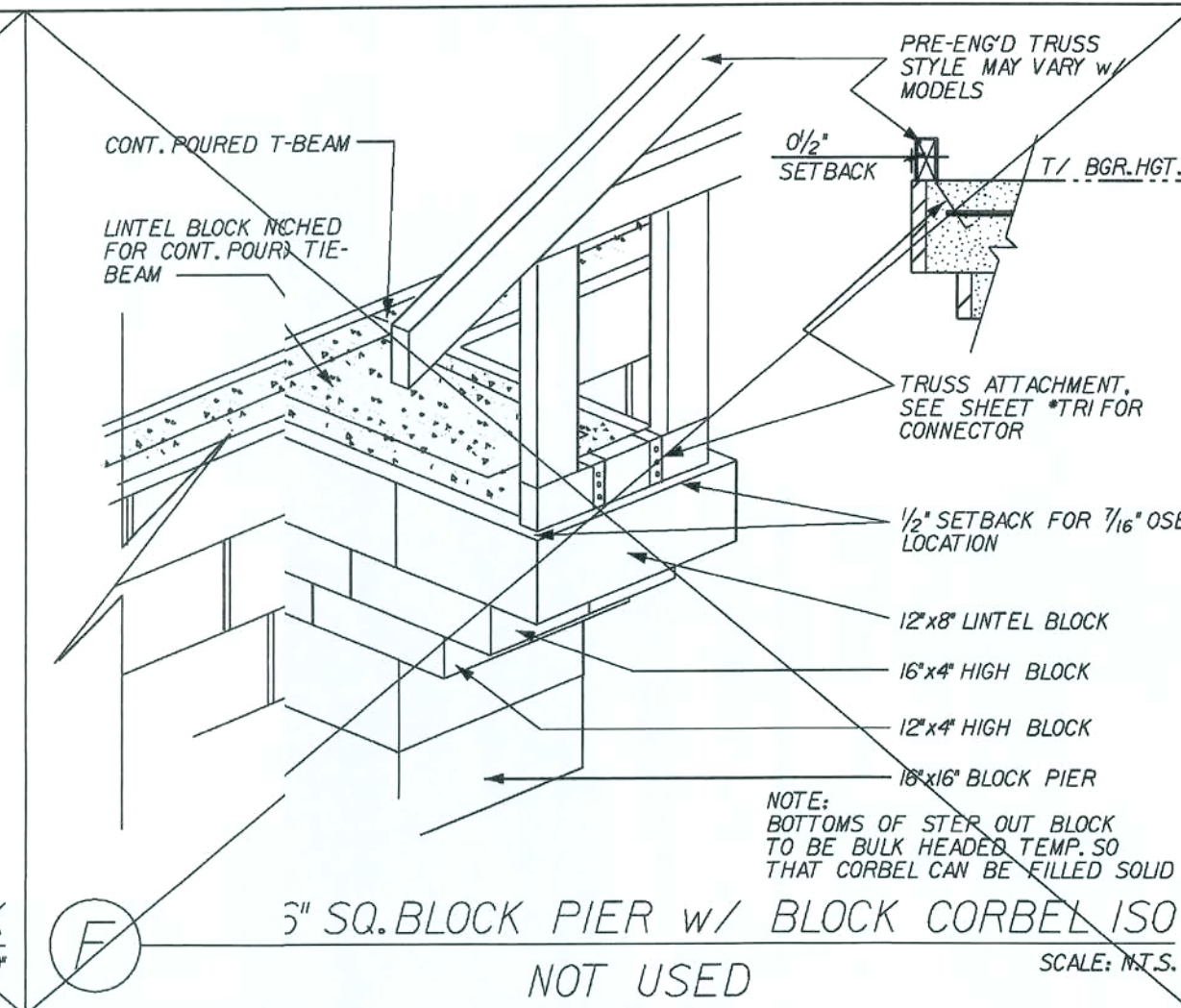
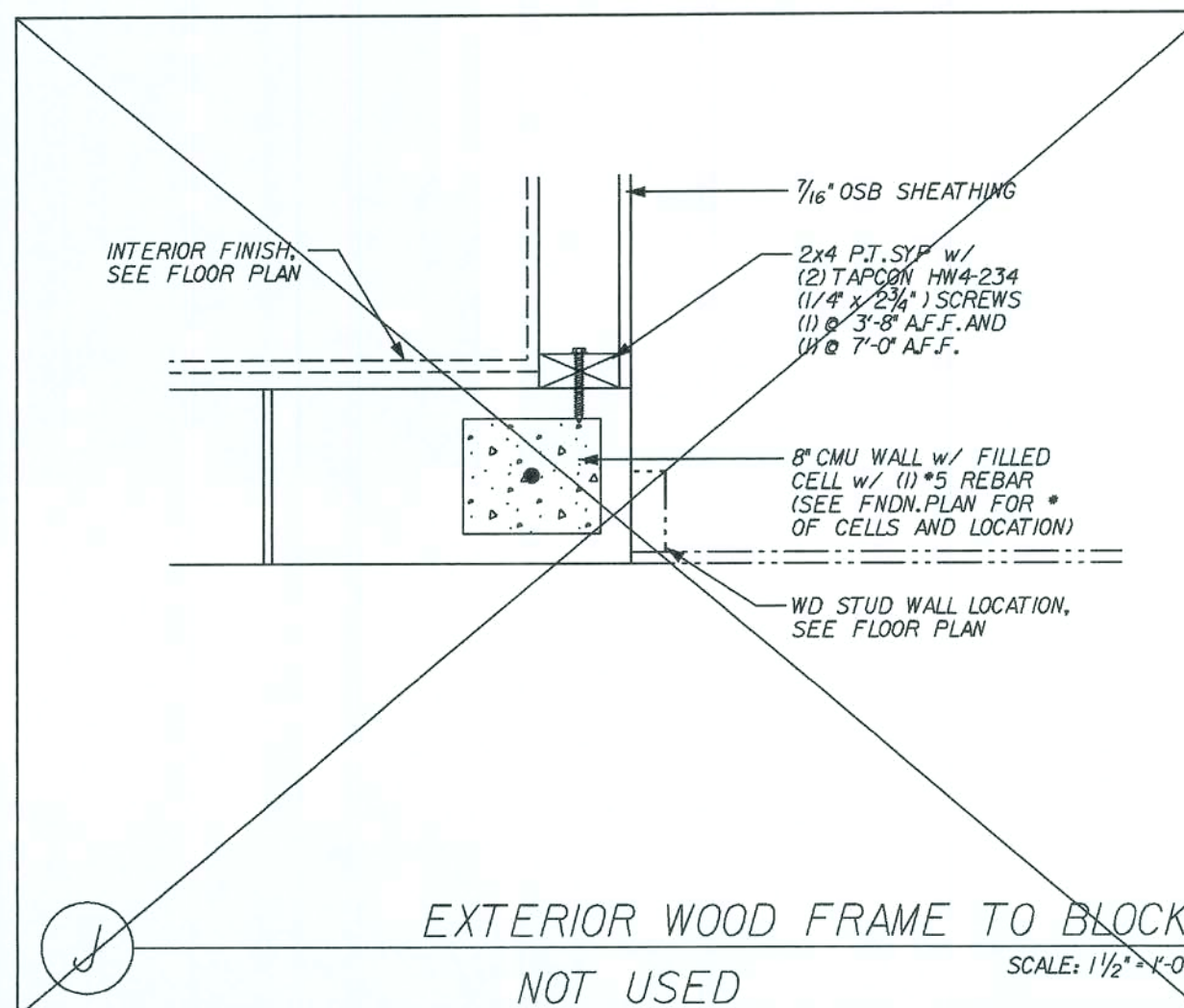
MAY 23 2008

GARAGE:

SHEET:

FTG

REVISIONS:



REVISIONS:

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

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

ONE STORY WALL SECTIONS

CHESAPEAKE

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

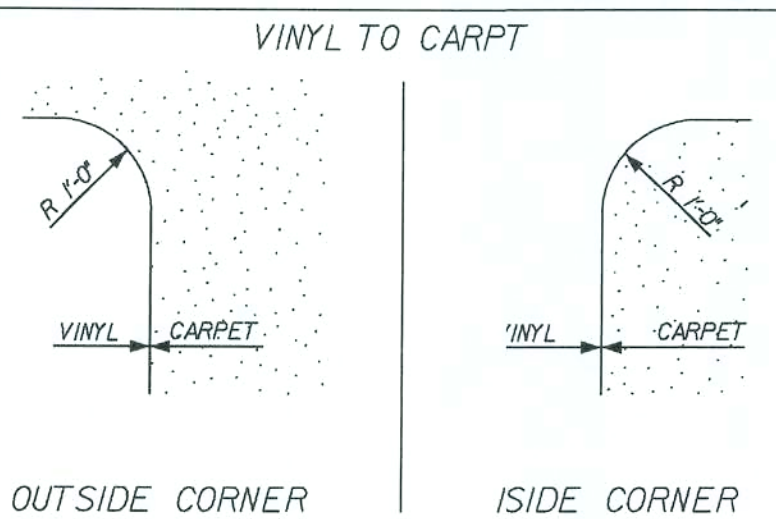
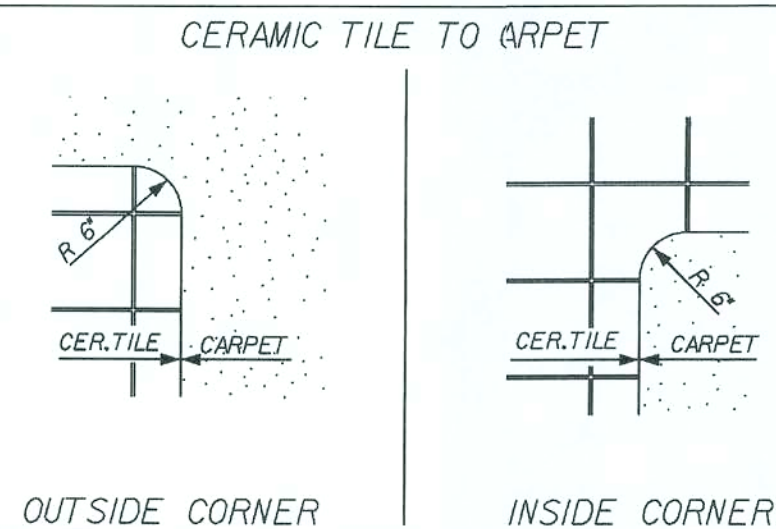
Maronda Systems
 4005 Maronda Way
 Sanford, FL 32771
 (407) 321-0064

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

SHEET: WS-B1

FLORIDA BUILDING CODE 2004: RESIDENTIAL

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



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

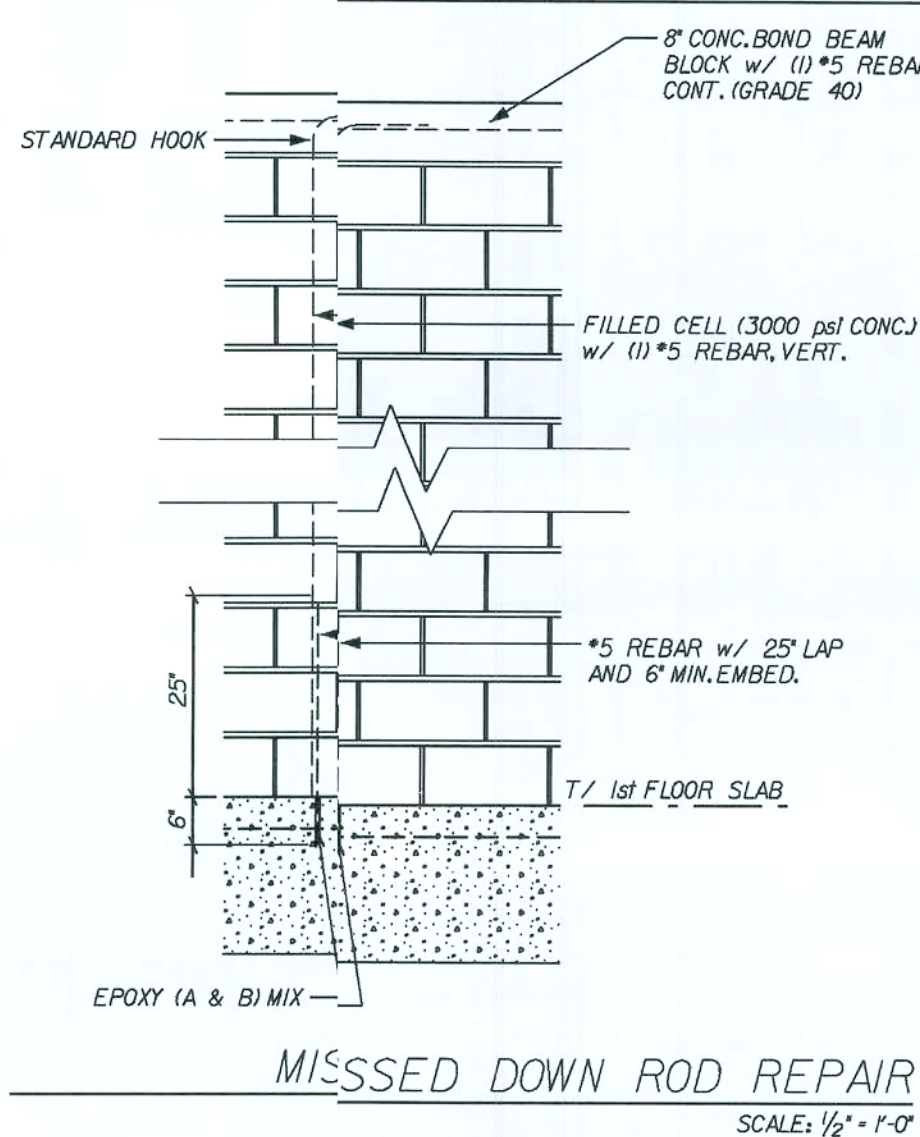
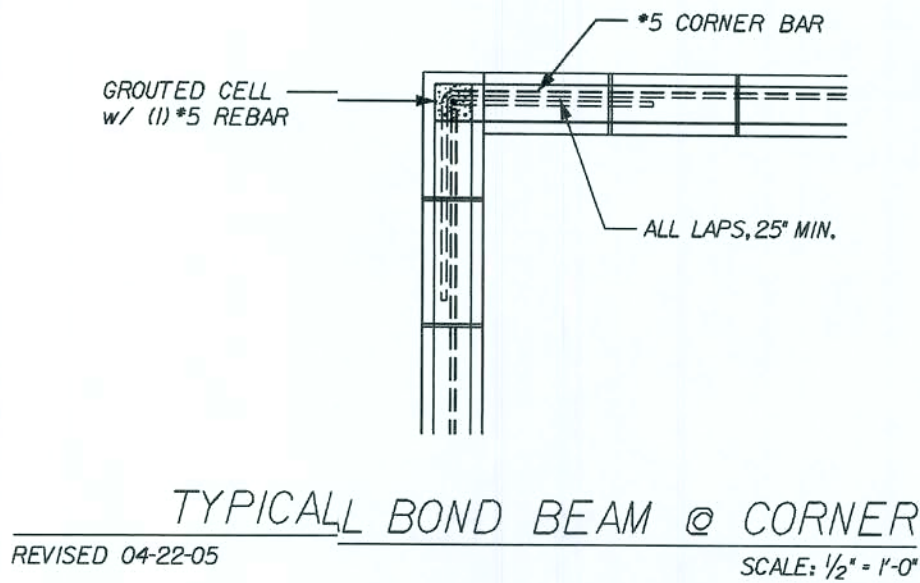
CONNECTOR	MAX. UPLIFT
LTW12	775 LBS
LFTA6	990 LBS
RT16	700 LBS

FOR MISSED FLOOR ANCHORS, CONSULT ENGINEER STAFF

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

OPENING	LEGS
2'-0" = 2'-0" ARCH OPENING	7 1/2"
2'-7" = 2'-6" ARCH OPENING	8 1/8"
2'-9" = 2'-8" ARCH OPENING	9 1/16"
3'-0" = 3'-0" ARCH OPENING	10 5/16"
4'-0" = 4'-0" ARCH OPENING	15"
-	-

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



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

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

REVISIONS:

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

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THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 2006 SUPPLEMENT.

STANDARD DETAILS
CHESAPEAKE

DRAWN BY: GARAGE:
RELEASE DATE: 11-02-04
100457

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

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

SHEET: **SDI**

FLORIDA BUILDING CODE 2004 : RESIDENTIAL

REVISED 02-15-07
83 $\frac{3}{4}$ " $\rightarrow$ 82 $\frac{3}{8}$ "

** FINISH OPENING IS DETERMINED BY ACTUAL SIZE $\frac{1}{4}$ " FOR HEIGHT
 ** FINISH OPENING IS DETERMINED BY ACTUAL SIZE $\frac{1}{2}$ " FOR WIDTH
 ** O.S. = OUTSWING
 ** I.S. = INSWING

2x HEADER

NAIL STUDS TOGETHER
w/ 10d NAILS STAG. @
12" O.C., MAX. SPACING

2x HEADER, SEE FLOOR PLAN
FOR PROPER SIZE FRAMING,
NAIL HEADER TOGETHER
w/ 10d NAILS STAG. @
12" O.C., MAX. SPACING

SEE DOOR
SCHEDULE

1st FLOOR SLAB

SCALE: N.T.S

SCALE: N.T.S



TRACTOR NOTE:
INSTALLATION FOR GARAGE DOOR
S (AS PER TEST *960507-A)

2x4 P.T.SYP ATTACHED w/
POWER ACTUATED 0.4" x 3" LG.
SHOTS @ 12" O.C. OR (10)
7/16" x 3" TAPCONS

8" CONC. INTEL BLOCK w/
(1) #5 FBAR, CONT.

HIGH STRENGTH PRECAST
UNTEGRALED FLOOR PLAN
FOR LIAISON OF FILLED
LINTEL

T/BRG. HGT.

2x6 P.T.

G GARAGE OPENING

7'-0"

7'3"

2'-1"

4'8"

2'-8"

16"

1'-4"

GARAGE FLOOR

2x6 P.T., #2 SYP @ EACH
SIDE FOR ATTACHING
BRACKETS FOR VERT.
TRACKS w/ (3) 1/2" x 8"
J-BOLTS, SEE LOCATIONS

C
SD-D

8'-0 1/2"

T/1st FLOOR SLAB

16'-0"

MAX. GARAGE DOOR OPENING, SEE FLOOR PLAN FOR WIDTH

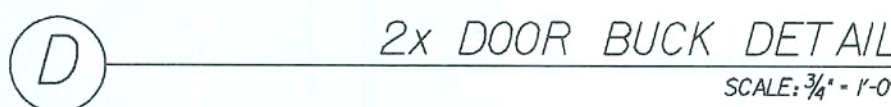
SCALE: $\frac{3}{8}" = 1'-0"$



SCALE: $\frac{3}{8}" = 1'-0"$



SCALE: $\frac{3}{8}" = 1'-0"$



SCALE: $\frac{3}{4}" = 1'-0"$



SCALE: $\frac{3}{4}" = 1'-0"$

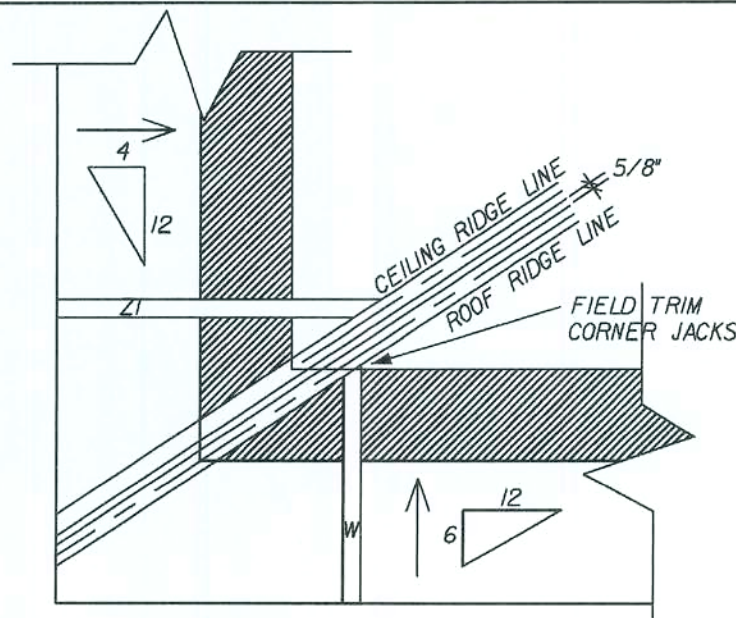


REVISED 06-08-06
NEW DETAIL

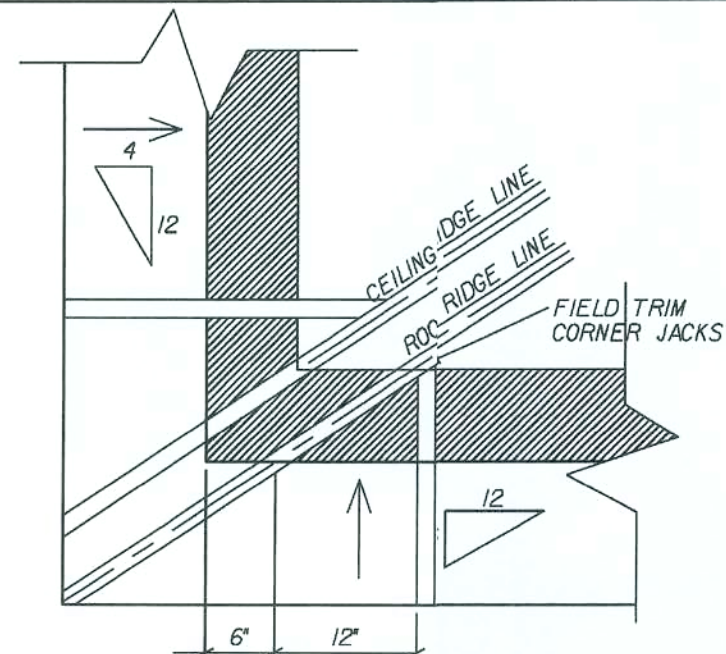


REVISÉD 10-21-04

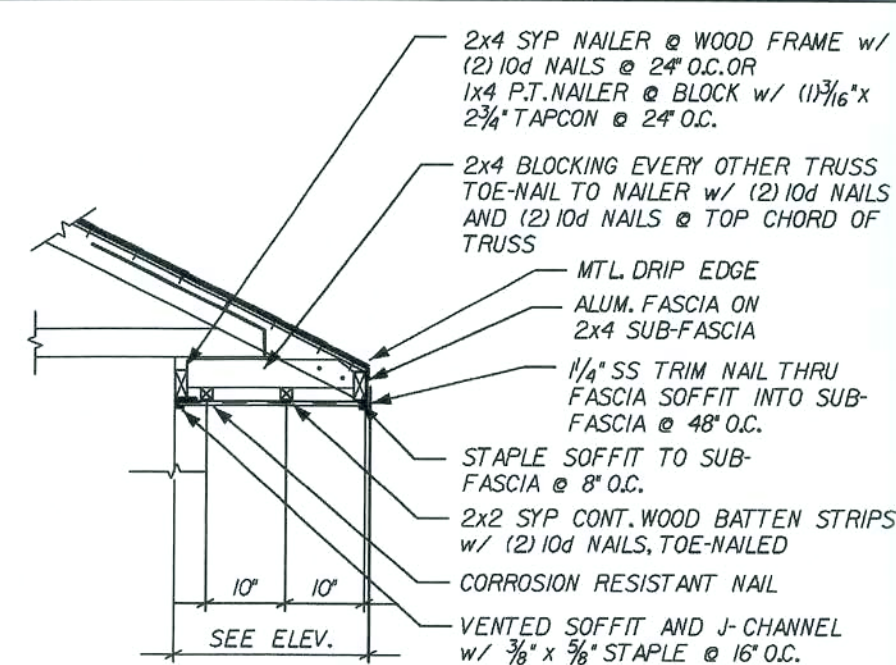
FLORIDA BUILDING CODE 2004: RESIDENTIAL



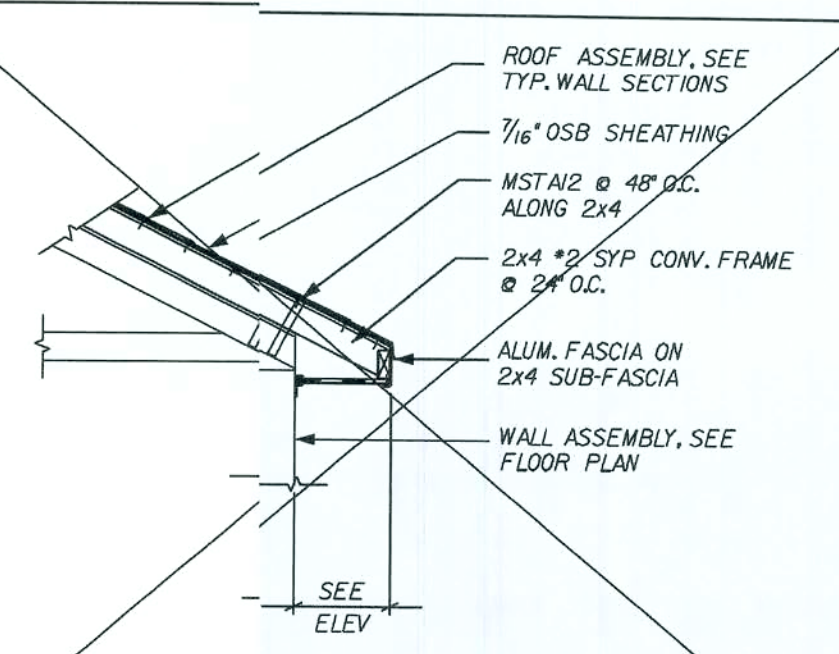
TRUSS PLACEMENT CORNER DETAIL B
A,B,C,K ELEVATIONS ONLY SCALE: N.T.S.



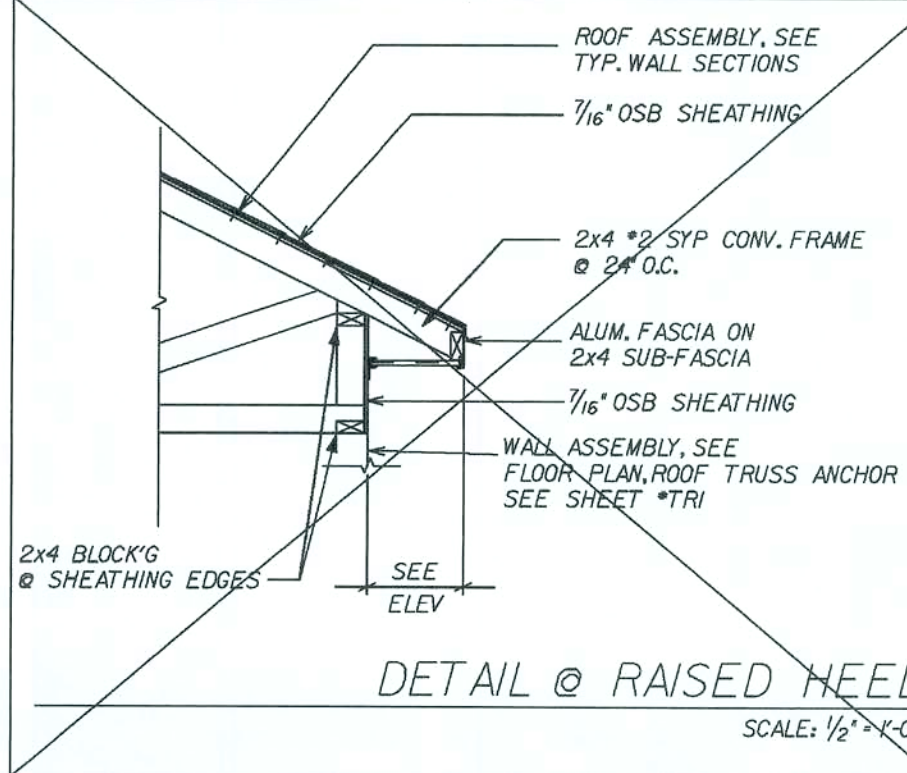
TRUSS PLACEMENT CORNER DETAIL A
H,J ELEVATIONS ONLY SCALE: N.T.S.



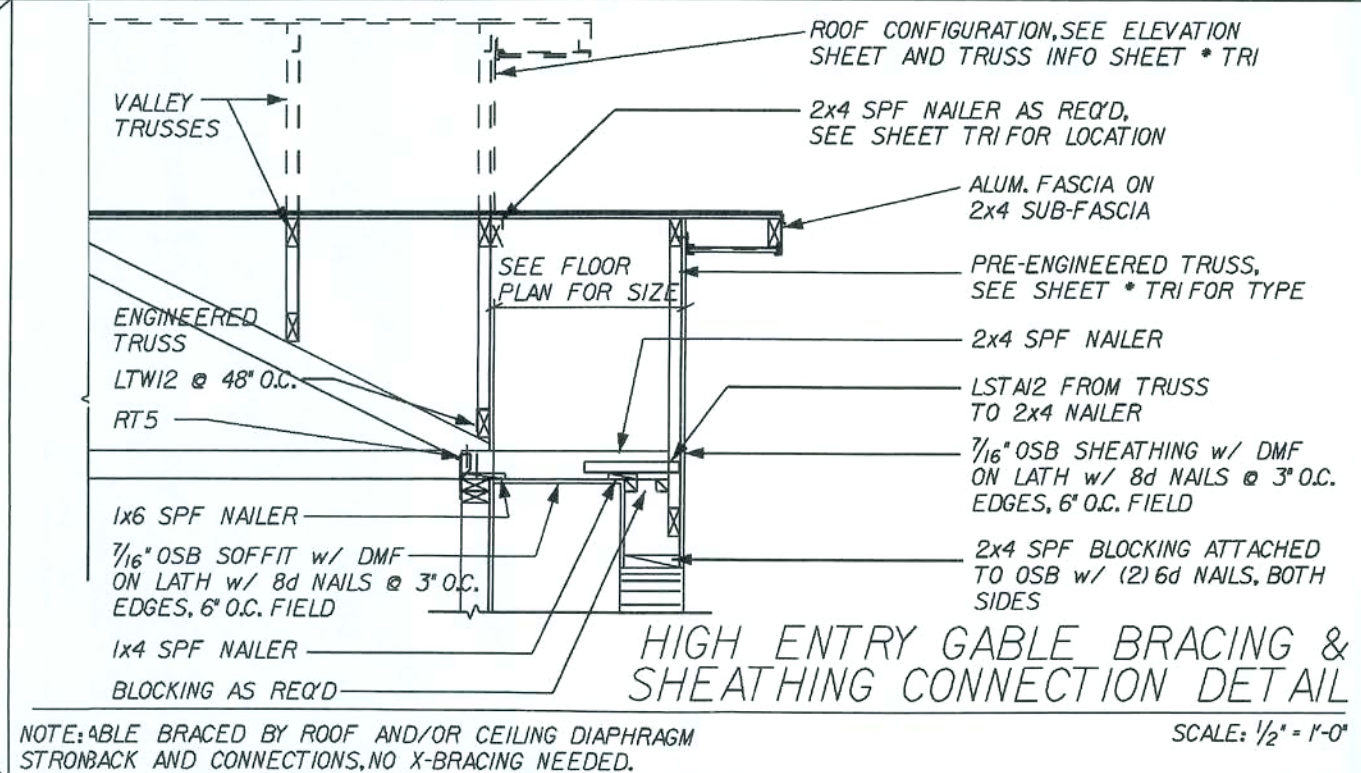
TYP. SOFFIT @ 24" O.H. or LARGER
REVISED 01-11-05 SCALE: 1/2" = 1'-0"



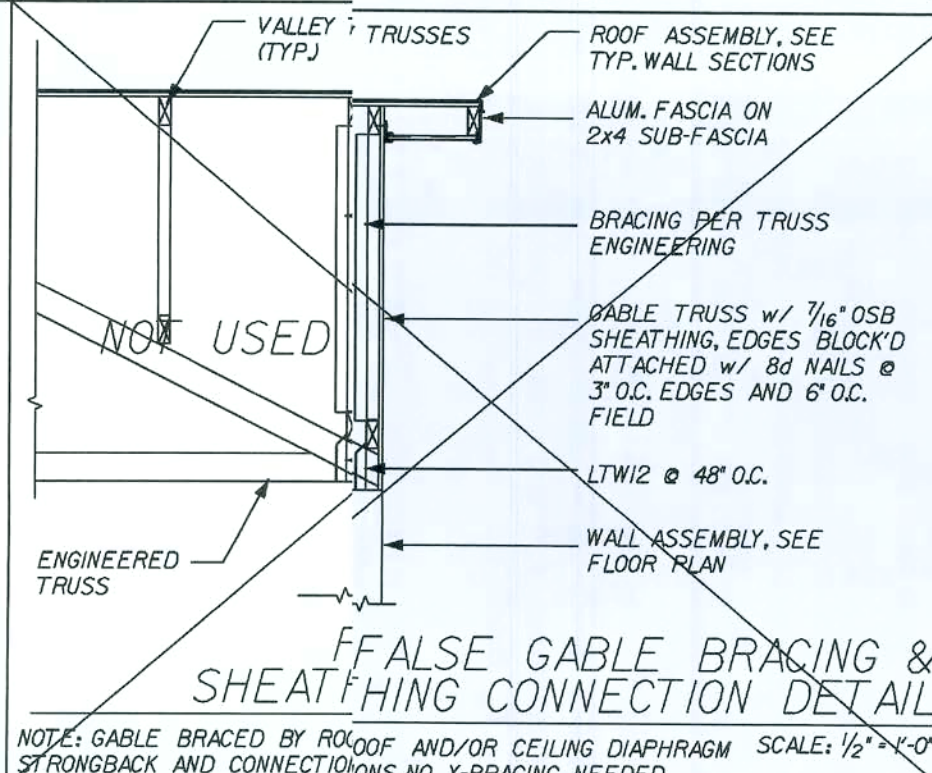
CONV. FRAMED HIP ROOF
NOT USED SCALE: 1/2" = 1'-0"



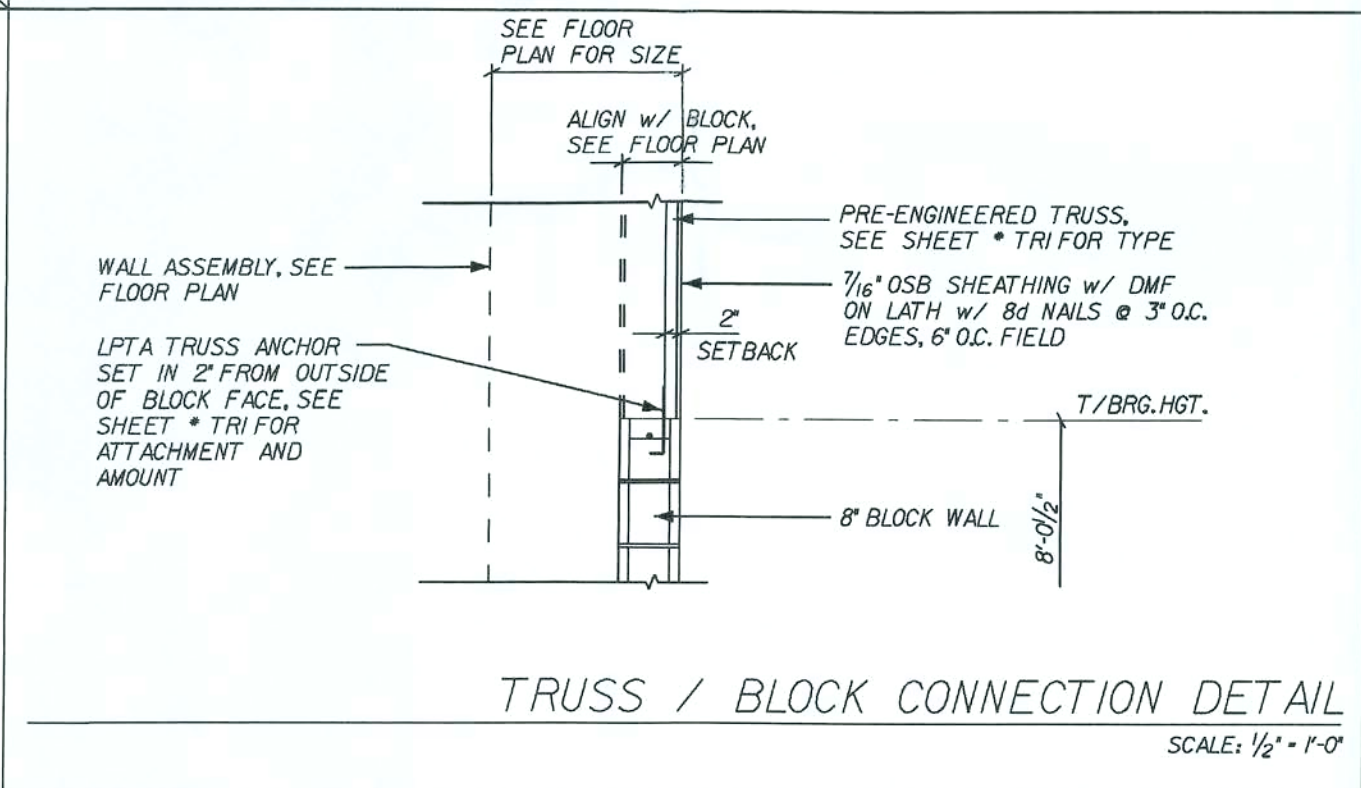
DETAIL @ RAISED HEEL
SCALE: 1/2" = 1'-0"



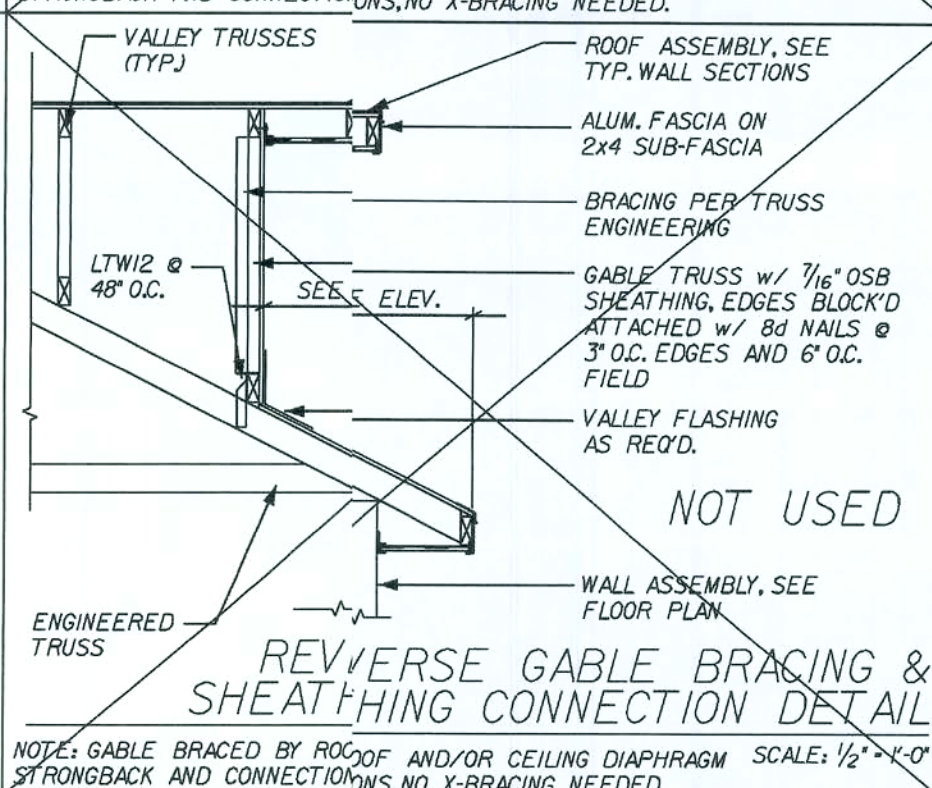
HIGH ENTRY GABLE BRACING & SHEATHING CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



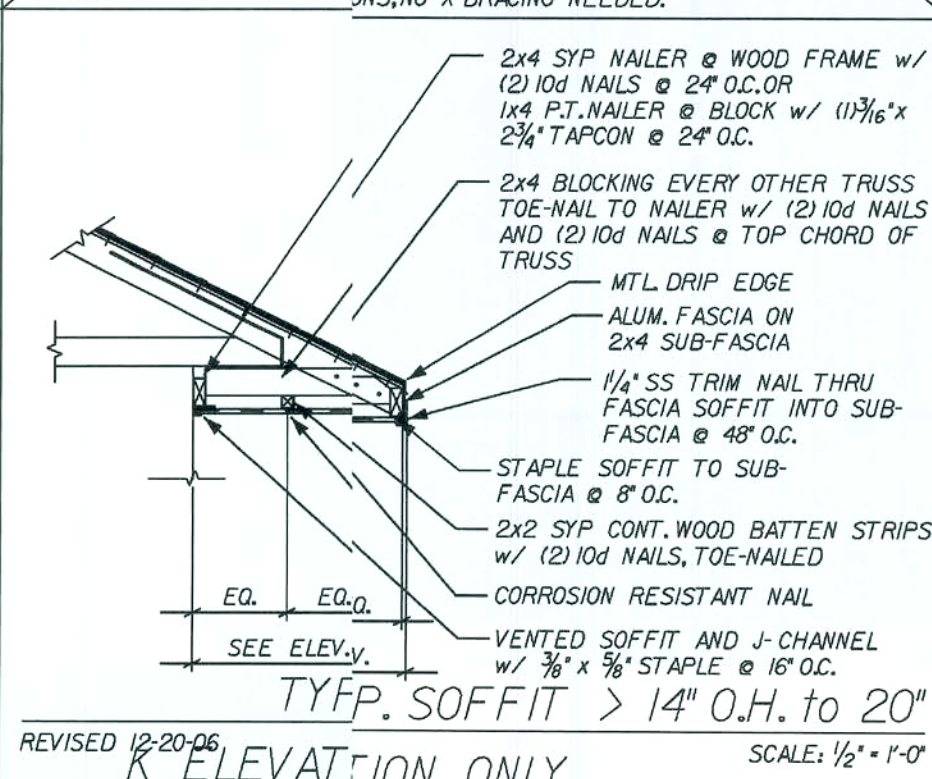
FALSE GABLE BRACING & SHEATHING CONNECTION DETAIL
SCALE: 1/2" = 1'-0"



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"

REVISIONS	DATE	DESCRIPTION

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

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

CHESAPEAKE

ROOF STANDARD DETAILS

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

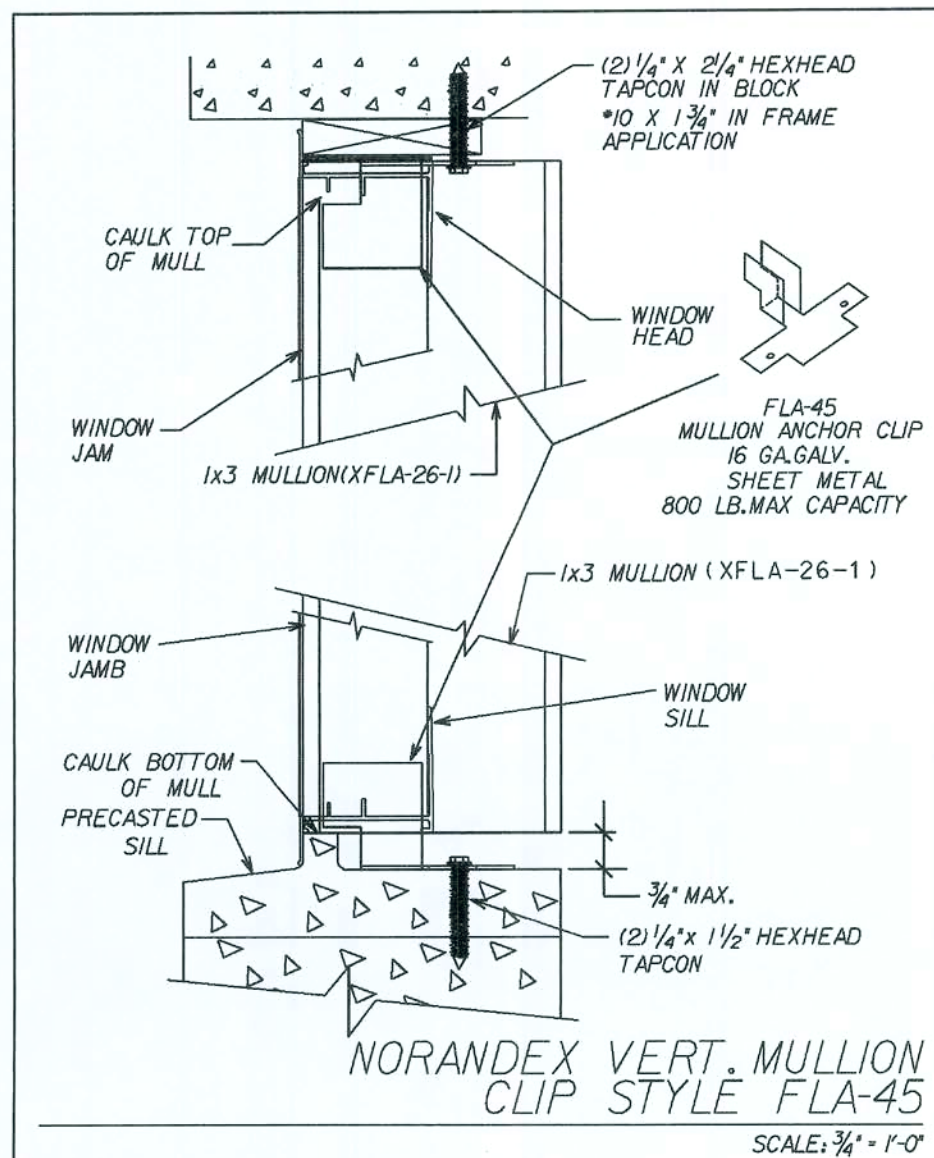
Maronda Systems
4005 Maronda Way
Sanford, FL 32771
(407) 321-0064

Elmer Bergman, P.E.
License No. 50158

MAY 23 2008

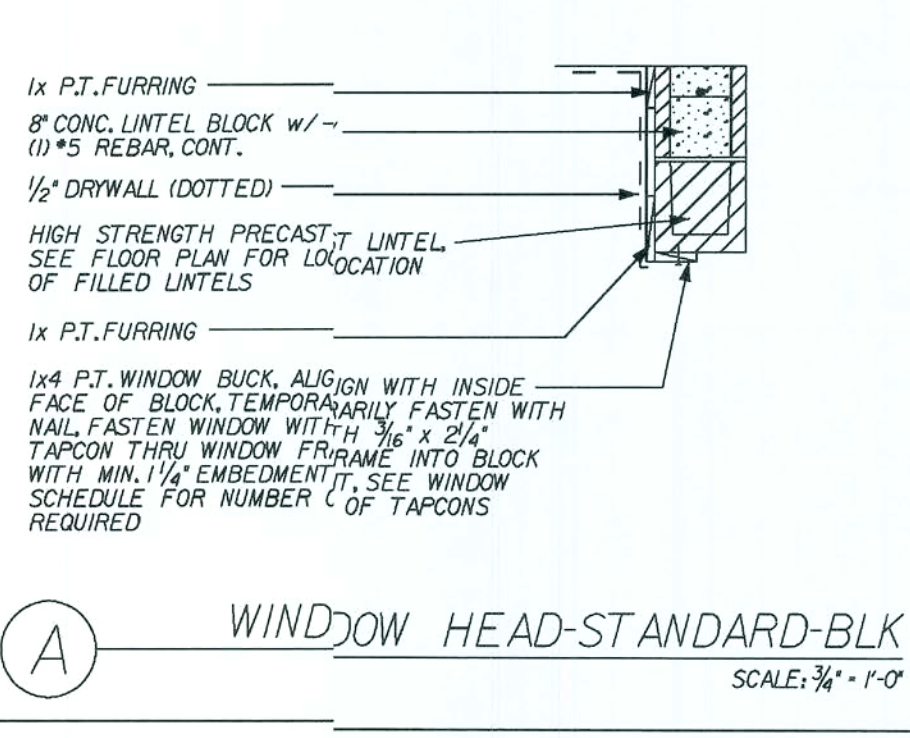
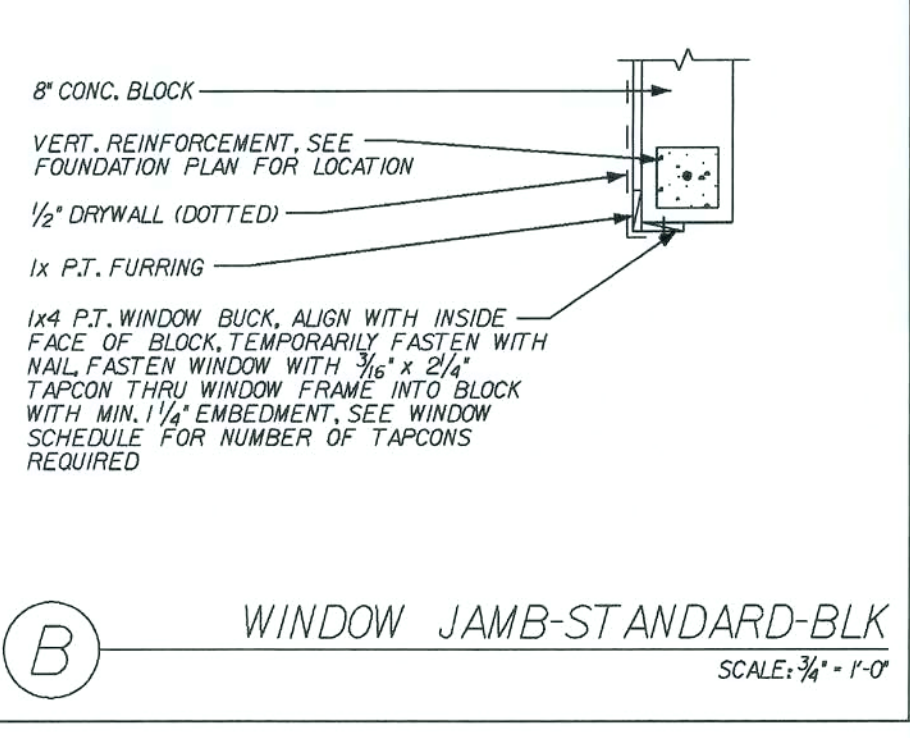
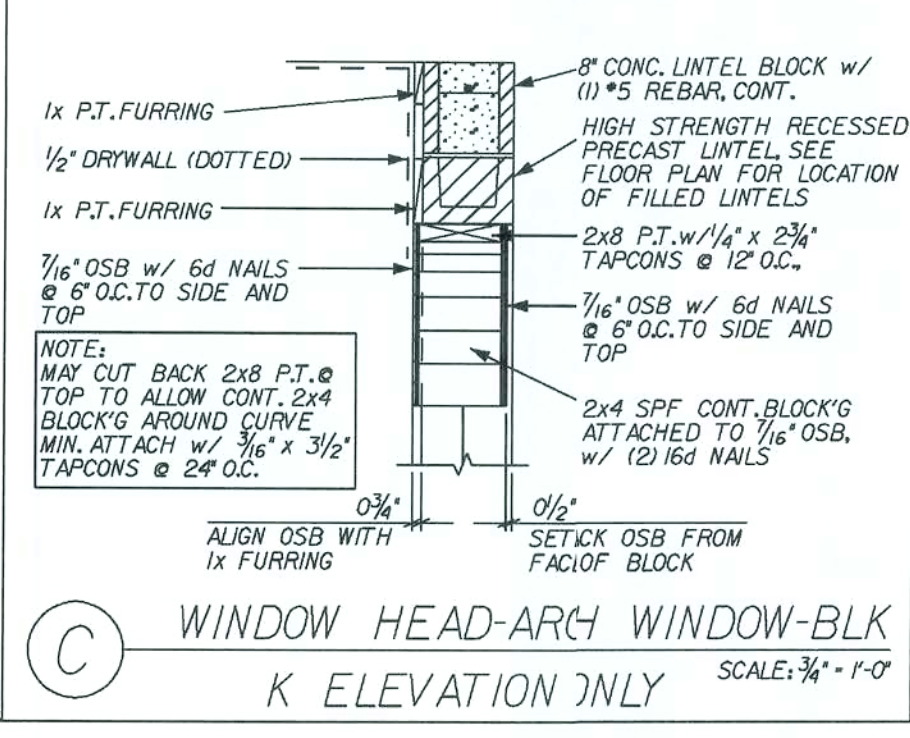
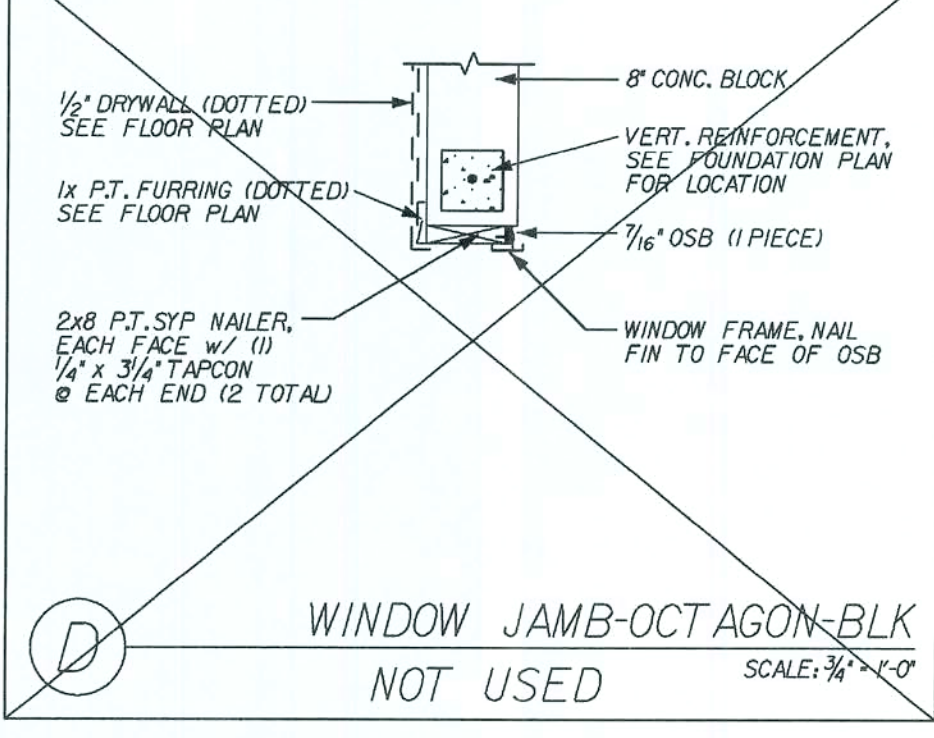
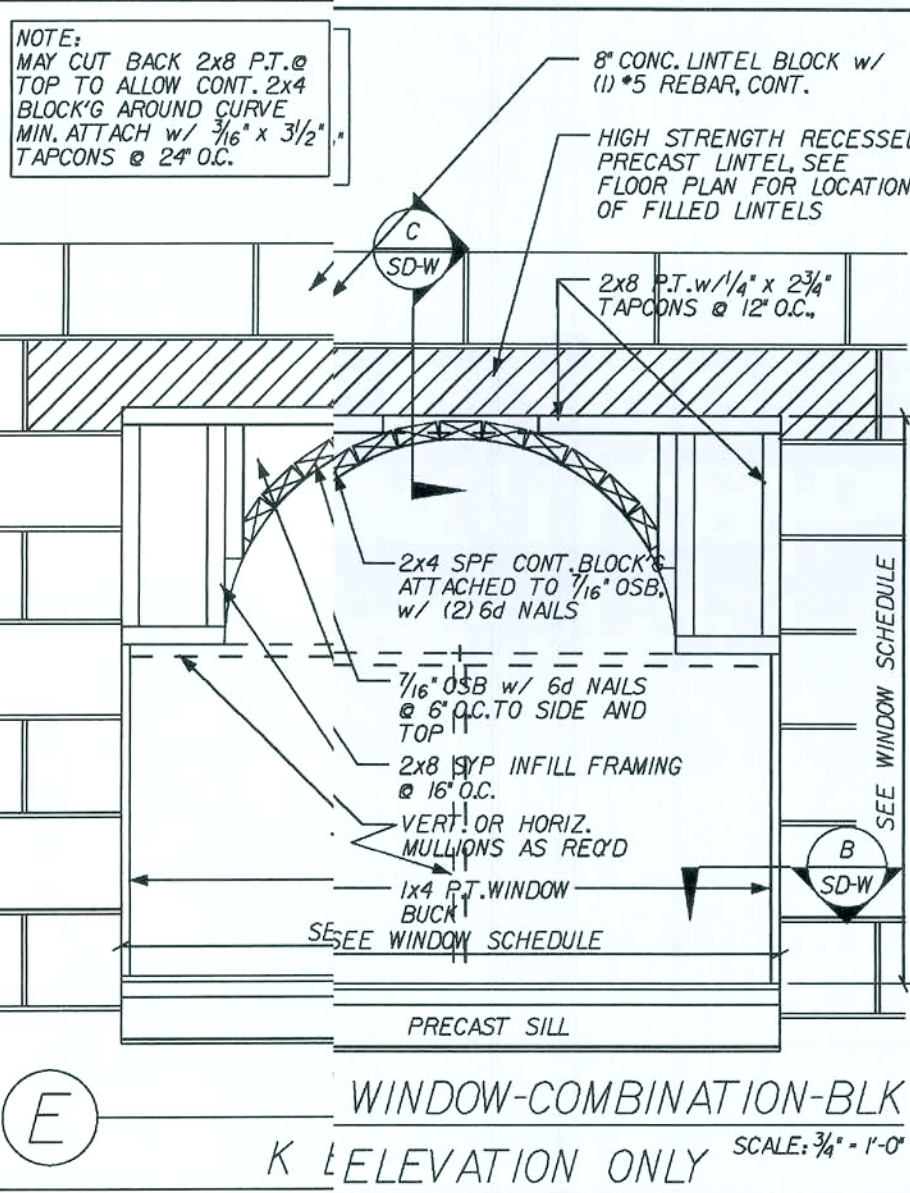
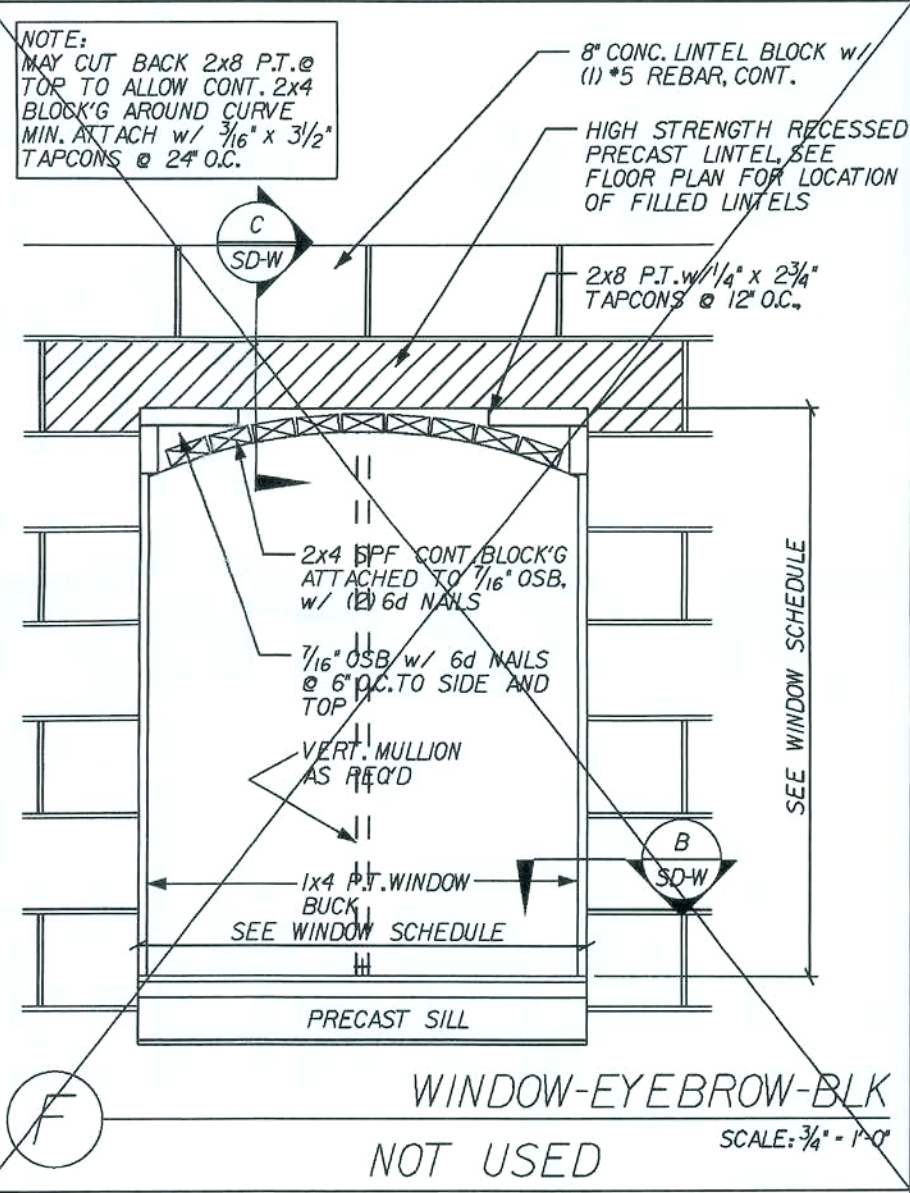
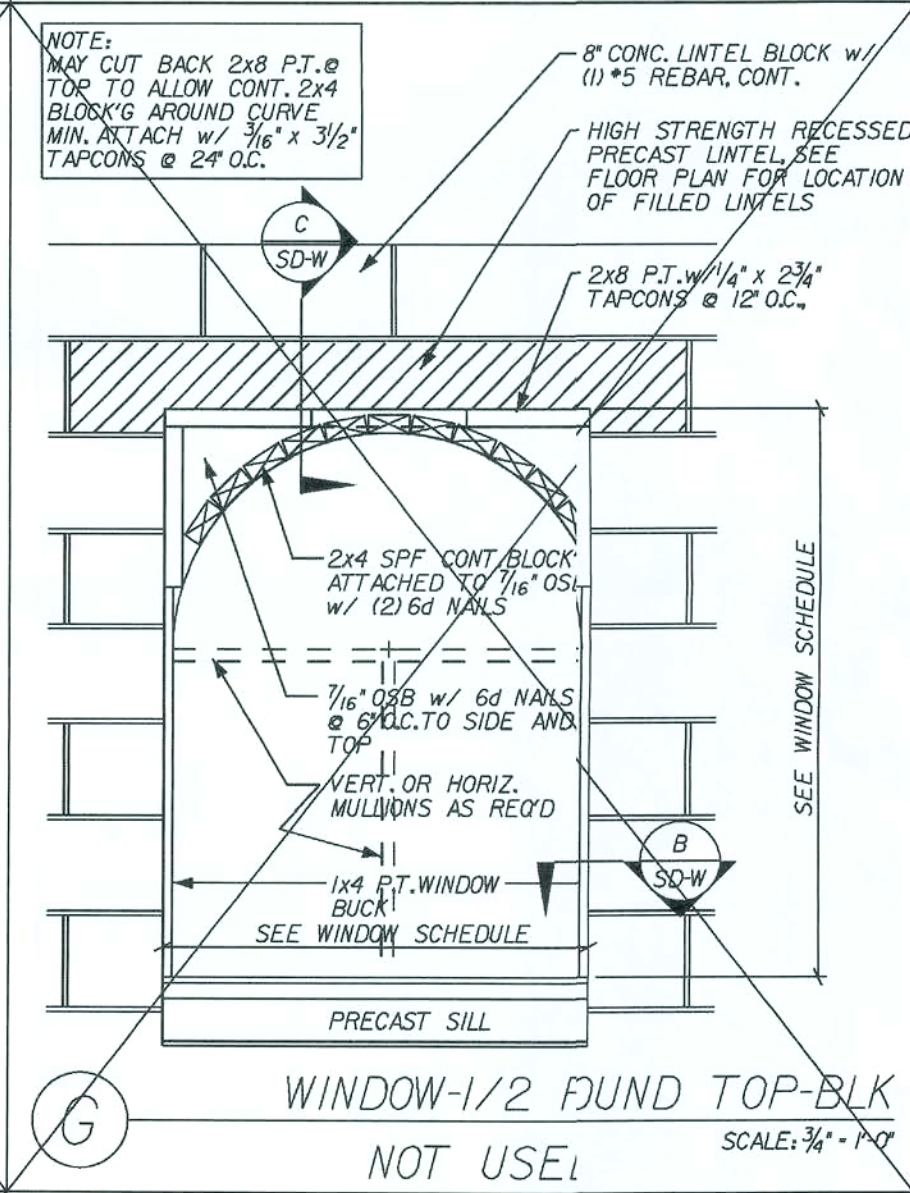
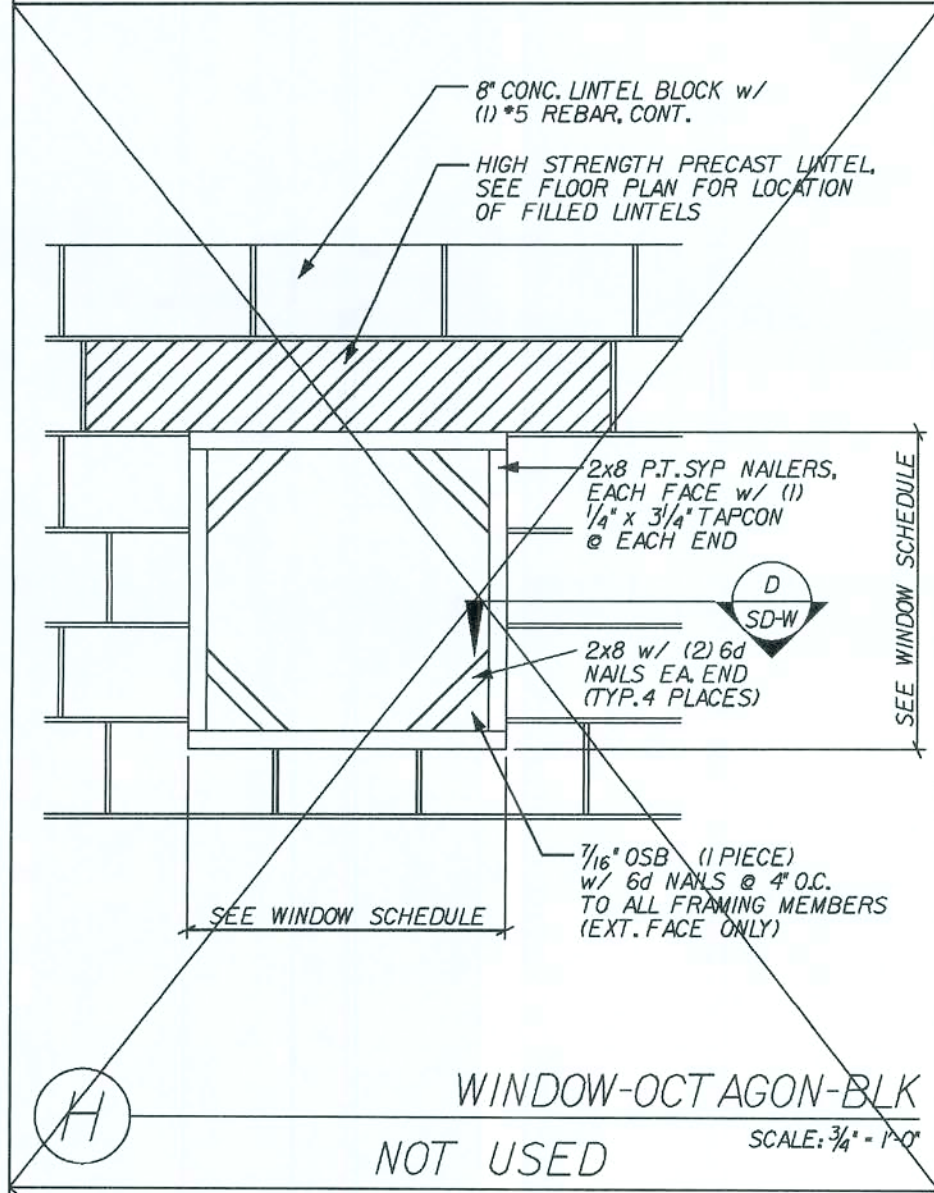
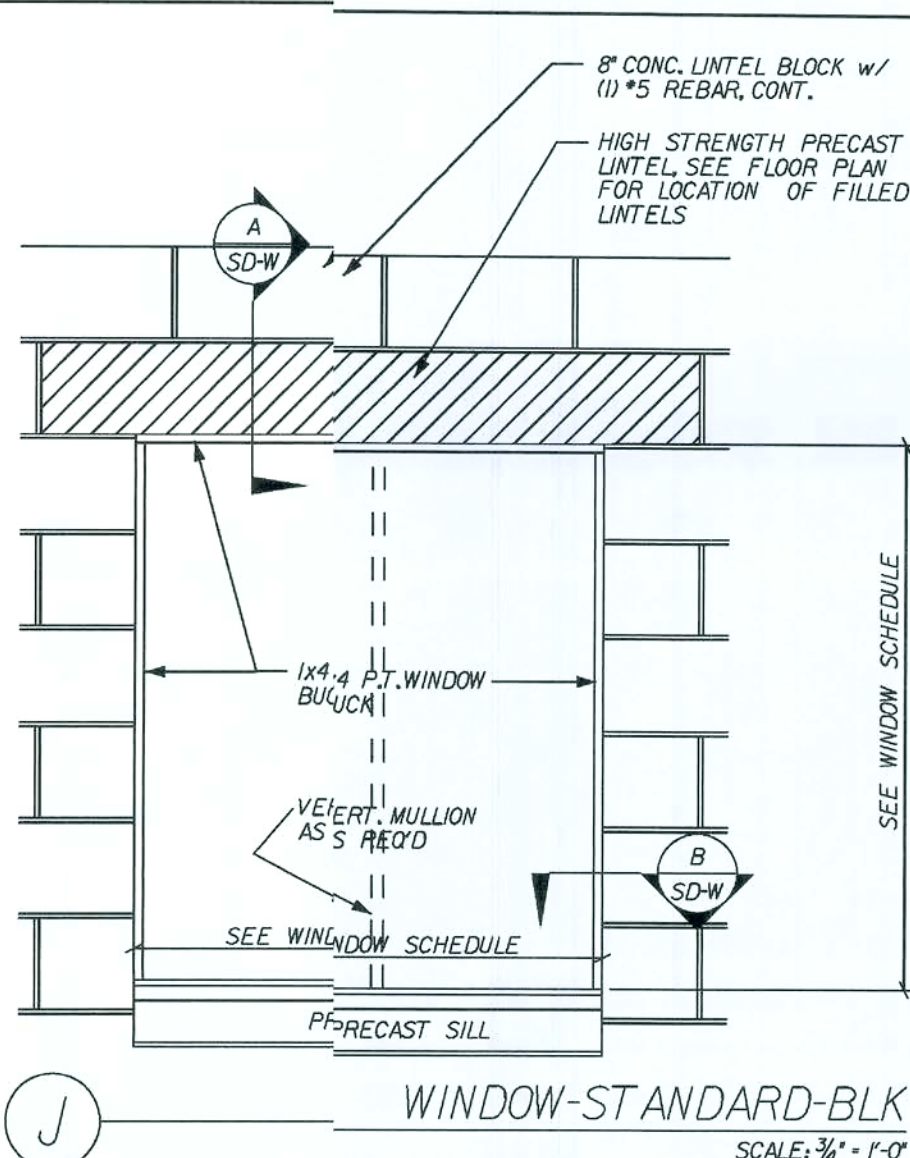
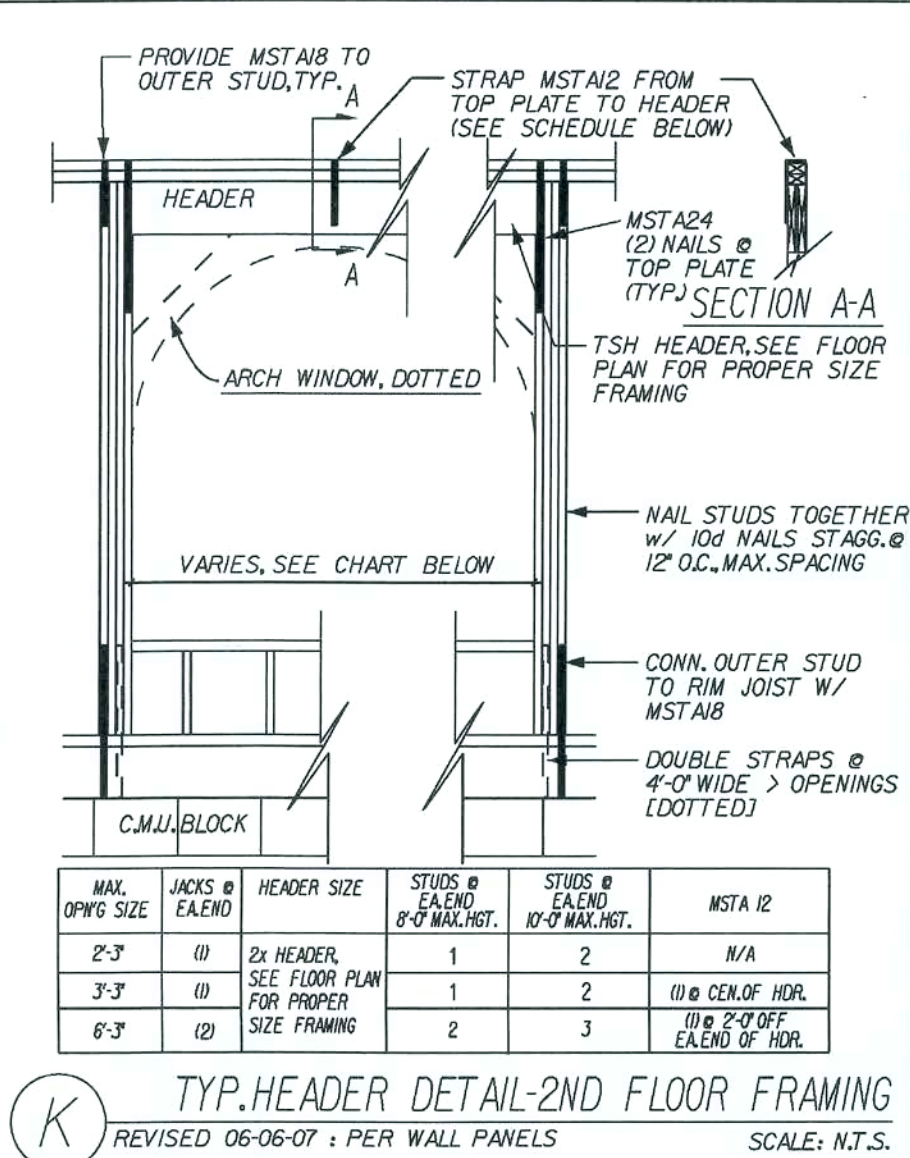
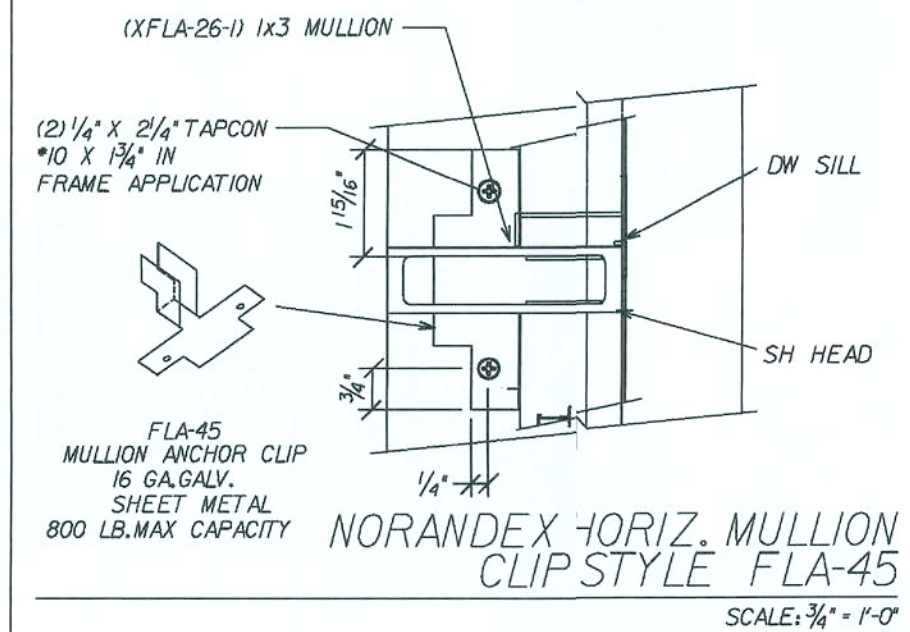
SHEET:
SD-R

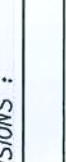
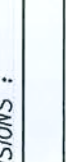
DATE: 15 JAN 2008

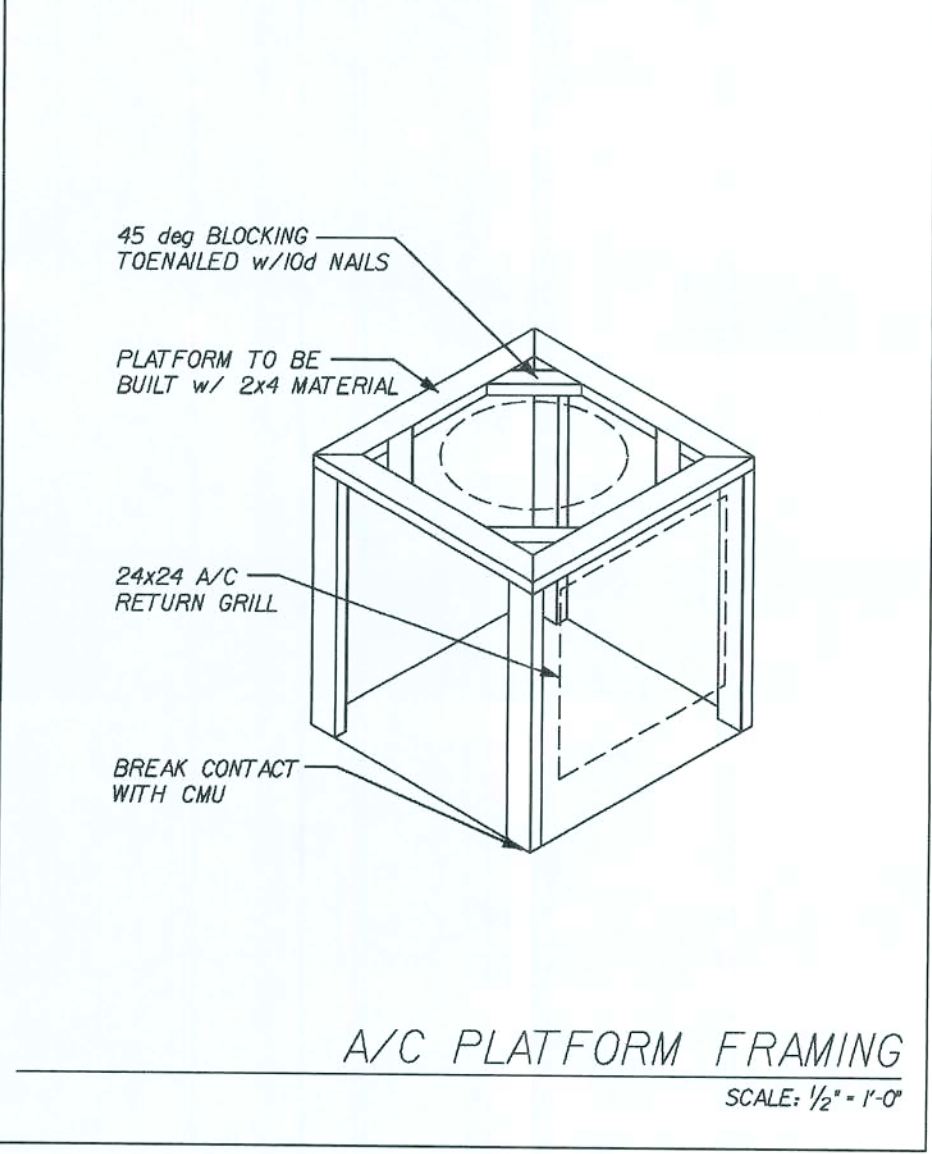
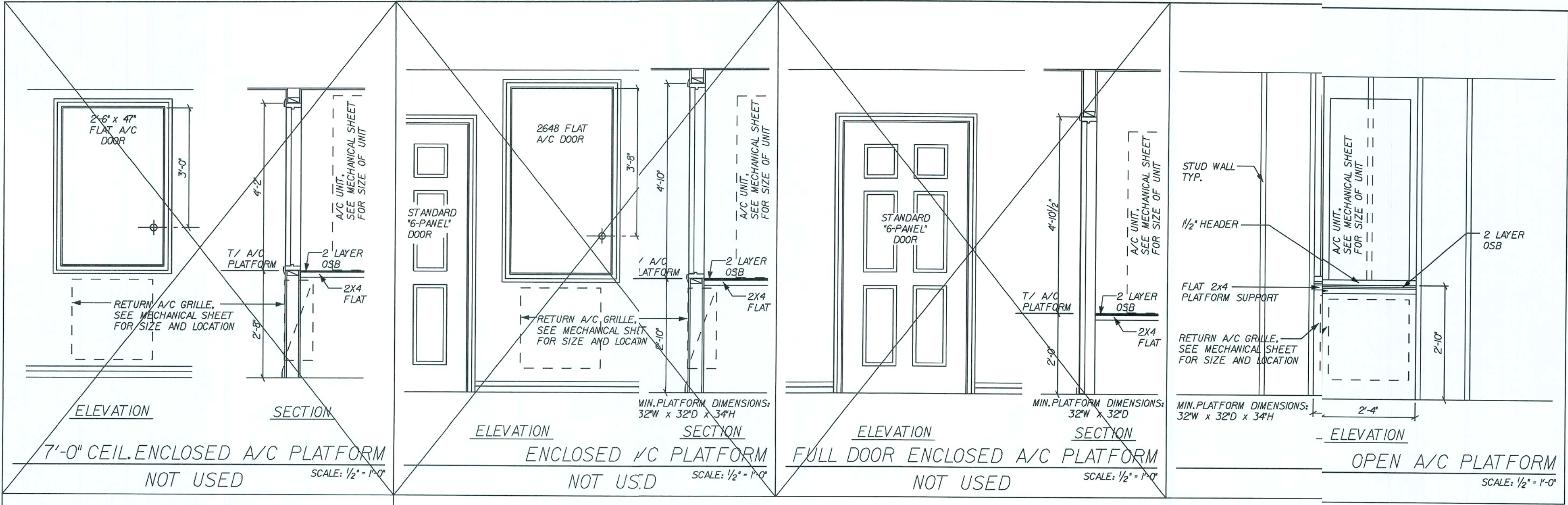


CONTRACTOR NOTE:
FOR INSTALLATION SIZE OF
NORANDEX WINDOW SERIES
437/438 UP TO 53 1/8" x 76 3/8"
AS PER TEST #96-06240

STANDARD WINDOW DETAILS IN
BLOCK WALLS UP TO 10 FEET
HIGH



Maronda Homes (407) 321-0064 FLORIDA THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIRE- MENTS OF THE FLORIDA BUILDING CODE 2004 (RESIDENTIAL AND 2005, 2006 SUP- PLEMENT)	
Maronda Systems 4005 Maronda Way Sanford, FL 32771 (407)321-0064  Elmer Bergman, P.E. License No. 50158	
MAY 23 2008 SD-W	
SHEET: SD-W BUILDING CODE 2004 : RESIDENTIAL	
WINDOWS STANDARD DETAILS	
CHESAPEAKE REVISIONS :	
FLORIDA THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIRE- MENTS OF THE FLORIDA BUILDING CODE 2004 (RESIDENTIAL AND 2005, 2006 SUP- PLEMENT) FLORIDA	
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CHESAPEAKE REVISIONS :	
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Maronda Homes (407) 321-0064 FLORIDA	



REVISIONS :

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

FLORIDA: THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 - RESIDENTIAL AND 2003 SUPPLEMENT

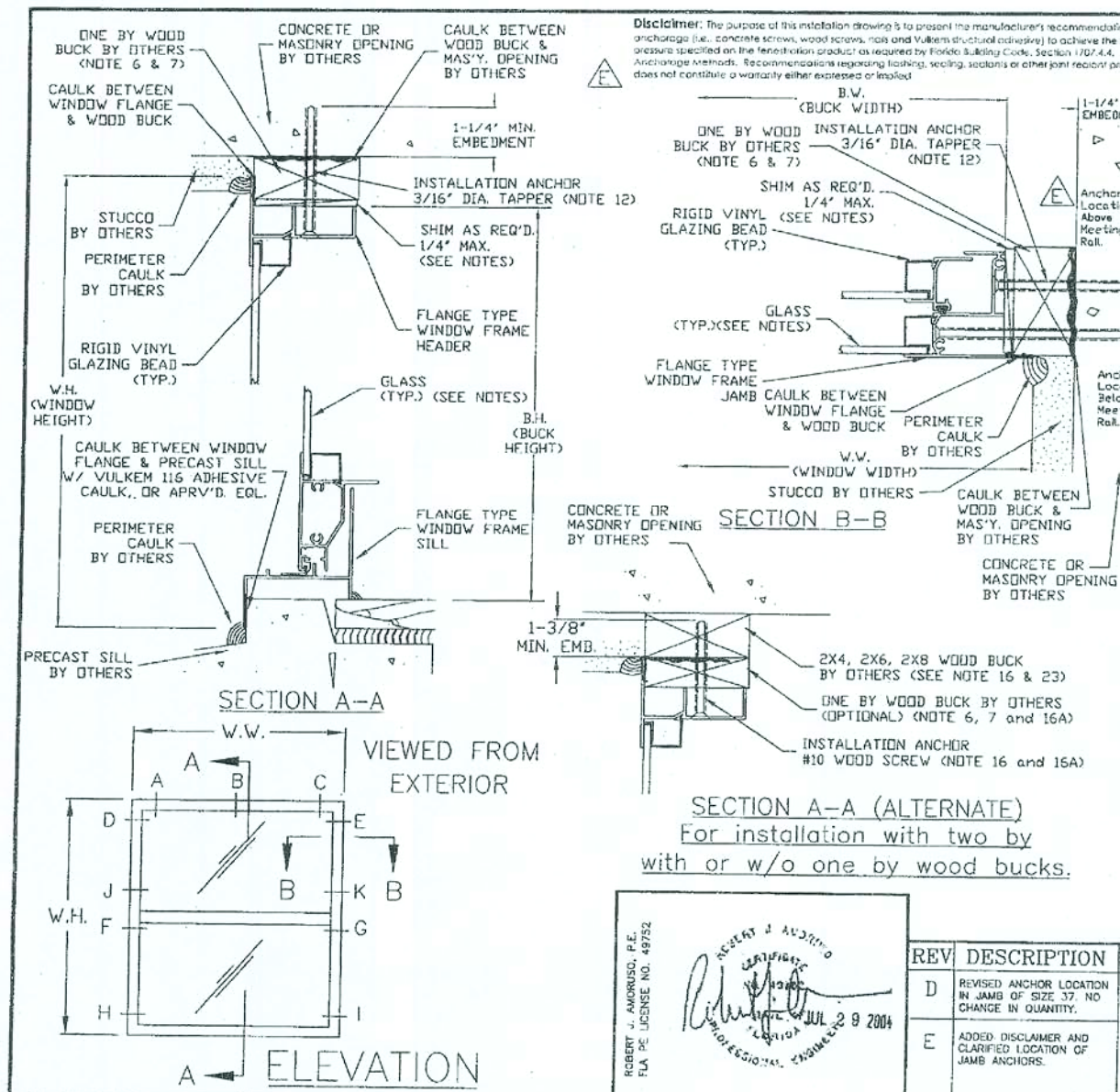
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PLATFORM	STANDARD DETAILS
CHESAPEAKE	
AIR-HEAT DETAILS	
DRAWN BY:	GARAGE:
RELEASE DATE:	11-02-04

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

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

SHEET:
SD-H



IMPORTANT INFORMATION & GENERAL NOTES
These notes are provided to ensure proper installation of Florida Extruders Milestone products and must be followed fully.

GENERAL INSTALLATION INSTRUCTIONS

- 1) SHIM AS REQ'D. EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. MAX. ALLOWABLE SHIM STK TO BE 1/4".
- 2) USE SILICONEZED ACRYLIC CAULK BEHIND WINDOW FLANGE AT HEAD & JAMBS. SILL MUST BE ATTACHED TO THE SUBSTRATE WITH VULKEM 116 ADHESIVE CAULK OR APPROVED EQUAL. ALLOCATION OF VULKEM 116 ADHESIVE CAULK OR APPROVED EQUAL AT FRAME SHIM MUST COMPLY WITH SEALANT MANUFACTURER'S RECOMMENDATIONS.
- 3) USE SILICONEZED ACRYLIC CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FLANGE AND SEAL HEADS OF INSTALLATION FASTENERS.
- 4) FLORIDA EXTRUDERS 1000 SERIES SINGLE HUNG IS SHOWN. THIS PRINT ALSO APPLIES TO THE FLORIDA EXTRUDERS 1500 AND 2000 SERIES SINGLE HUNG.
- 5) WINDOW FRAME MATERIAL: ALUMINUM ALLOY 6063.

ANCHOR INSTALLATION INSTRUCTIONS

GENERAL:

- 6) NAIL ATTACHMENT NON-STRUCTURAL ONE BY BUCK IS 4" FROM EACH CORNER AND 8" ON CENTER. E.A. HARDENED "T-NAIL" WITH A 0.097" DIAMETER AND 1 3/8" LENGTH (5/8" EMBEDMENT). A HARDENED "MASONRY NAIL" WITH A 0.148" DIAMETER AND 1 1/2" LENGTH (1" EMBEDMENT) OR EQUIVALENT. FOR ALTERNATE SECTION A-A/B-B, USE A 0.113" DIAMETER COMMON WIRE NAIL WITH A 3/4" EMBEDMENT OR EQUIVALENT FOR NAILING NON-STRUCTURAL ONE BY BUCK INTO A TWO BY STRUCTURAL BUCK.
- 7) APPLIES TO ALL NON-STRUCTURAL BUCKS LESS THAN 1 1/2" THICKNESS. NOT INTENDED TO LIMIT NOMINAL ONE BY WOOD BUCK ONLY. BUCKS GREATER THAN 1" NOMINAL (3/4" TH) AND LESS THAN 2" NOMINAL (1 1/2" TH) WILL REQUIRE NAIL LENGTH SUFFICIENT TO MEET EMBEDMENT REQUIREMENTS OF NOTE 6.
- 8) ALL INSTALLATION ANCHORS MUST BE MADE OF CORROSION RESISTANT MATERIALS OR HAVE CORROSION RESISTANT COATINGS APPLIED SUITABLE FOR THE ENVIRONMENT AND/OR FRAMING MATERIAL. WHERE ANCHORS ARE USED IN PRESSURE-PRESERVATIVE TREATED WOOD, THE WOOD SUPPLIER SHALL BE CONSULTED FOR RECOMMENDATION OF ANCHORS COMPATIBLE WITH THE PRESSURE-PRESERVATIVE TREATMENT PROCESS USED.
- 9) ALL FIELD SUPPLEMENTS IN THE FRAME (IF REQUIRED) WILL BE 3/16" IN DIAMETER.
- 10) WOOD SCREWS SHALL MEET ANSI B18.6.1 DIMENSIONAL REQUIREMENTS.
- 11) IF WOOD TENDS TO SPLIT, PRE-BORE HOLES AS FOLLOWS: #8 WOOD SCREW - 1/8" DIA. PILOT HOLE 1/8" WOOD SCREW - 9/64" DIA. PILOT HOLE (NOMINAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION).

[SEE SHEET 2 FOR CONTINUATION OF NOTES]

REV	DESCRIPTION	DATE	INT
D	REVISED ANCHOR LOCATION CHART (SEE NOTE 2) AND CHANGE IN QUANTITY.	4/23/04	RJA
E	ADDED DISCLAIMER AND CLARIFIED LOCATION OF JAMB ANCHORS.	7/29/04	RJA

CALL SIZE	BUCK SIZE	LOCATIONS IN HEAD	LOCATIONS IN JAMB
12	18 1/8 x 25	B	B
13	18 1/8 x 37 3/8	B	B
14	18 1/8 x 49 5/8	B	B
14S	18 1/8 x 55 1/4	B	B
15	18 1/8 x 62	B	B
16	18 1/8 x 71	B	B
17	18 1/8 x 83	B	B
1H2	25 1/2 x 25	B	B
1H3	25 1/2 x 37 3/8	B	B
1H4	25 1/2 x 49 5/8	B	B
1H4S	25 1/2 x 55 1/4	B	B
1H5	25 1/2 x 62	B	B
1H6	25 1/2 x 71	B	B
1H7	25 1/2 x 83	B	B
30 1/2 x 28	28 1/2 x 25	B	B
30 1/2 x 38 3/8	28 1/2 x 37 3/8	B	B
30 1/2 x 50 5/8	28 1/2 x 49 5/8	B	B
30 1/2 x 56 1/4	28 1/2 x 55 1/4	B	B
30 1/2 x 63	28 1/2 x 62	B	B
30 1/2 x 72	28 1/2 x 71	B	B
30 1/2 x 84	28 1/2 x 83	B	B
22	36 x 25	B	B
23	36 x 37 3/8	B	B
24	36 x 49 5/8	B	B
24S	36 x 55 1/4	B	B
25	36 x 62	B	B
26	36 x 71	B	B
27	36 x 83	B	B
42 x 28	41 x 25	B	B
42 x 38 3/8	41 x 37 3/8	B	B
42 x 50 5/8	41 x 49 5/8	B	B
42 x 56 1/4	41 x 55 1/4	B	B
42 x 63	41 x 62	B	B
42 x 72	41 x 71	B	B
42 x 84	41 x 83	B	B
48 x 28	47 x 25	B	B
48 x 38 3/8	47 x 37 3/8	B	B
48 x 50 5/8	47 x 49 5/8	B	B
48 x 56 1/4	47 x 55 1/4	B	B
48 x 63	47 x 62	B	B
48 x 72	47 x 71	B	B
48 x 84	47 x 83	B	B
32	52 1/8 x 25	B	B
33	52 1/8 x 37 3/8	B	B
34	52 1/8 x 49 5/8	B	B
34S	52 1/8 x 55 1/4	B	B
35	52 1/8 x 62	B	B
36	52 1/8 x 71	B	B
37	52 1/8 x 83	B	B

* 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):

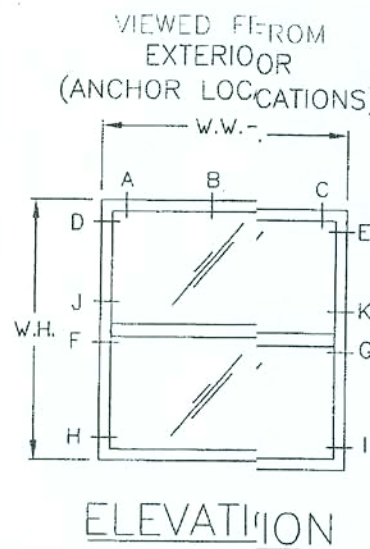
- 12) WHERE WINDOW IS INSTALLED IN MASONRY OPENING WITH A NON-STRUCTURAL ONE BY WOOD BUCK (NOTE 7), USE A 3/16" DIA. TAPPER CONCRETE SCREW OF SUFFICIENT LTH. TO ACHIEVE MIN. EMBEDMENT OF 1-1/4" INTO MASONRY OR CONCRETE.
- 13) SEE SHEET 2 FOR INSTALLATION ANCHOR LOCATION CHART. LETTER DESIGNATIONS ON 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. TAPCON (BY ELO TEXTRON INC.) OR TITEN (BY SIMPSON STRONG-TIE) CAN BE SUBSTITUTED WITH THE FOLLOWING LIMITATIONS FOR THE SINGLE HUNG WINDOW SIZES:
 - a) LIMIT TO 65 PSF. OR
 - b) INSTALL ONE ADDITIONAL FASTENER IN EACH 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):

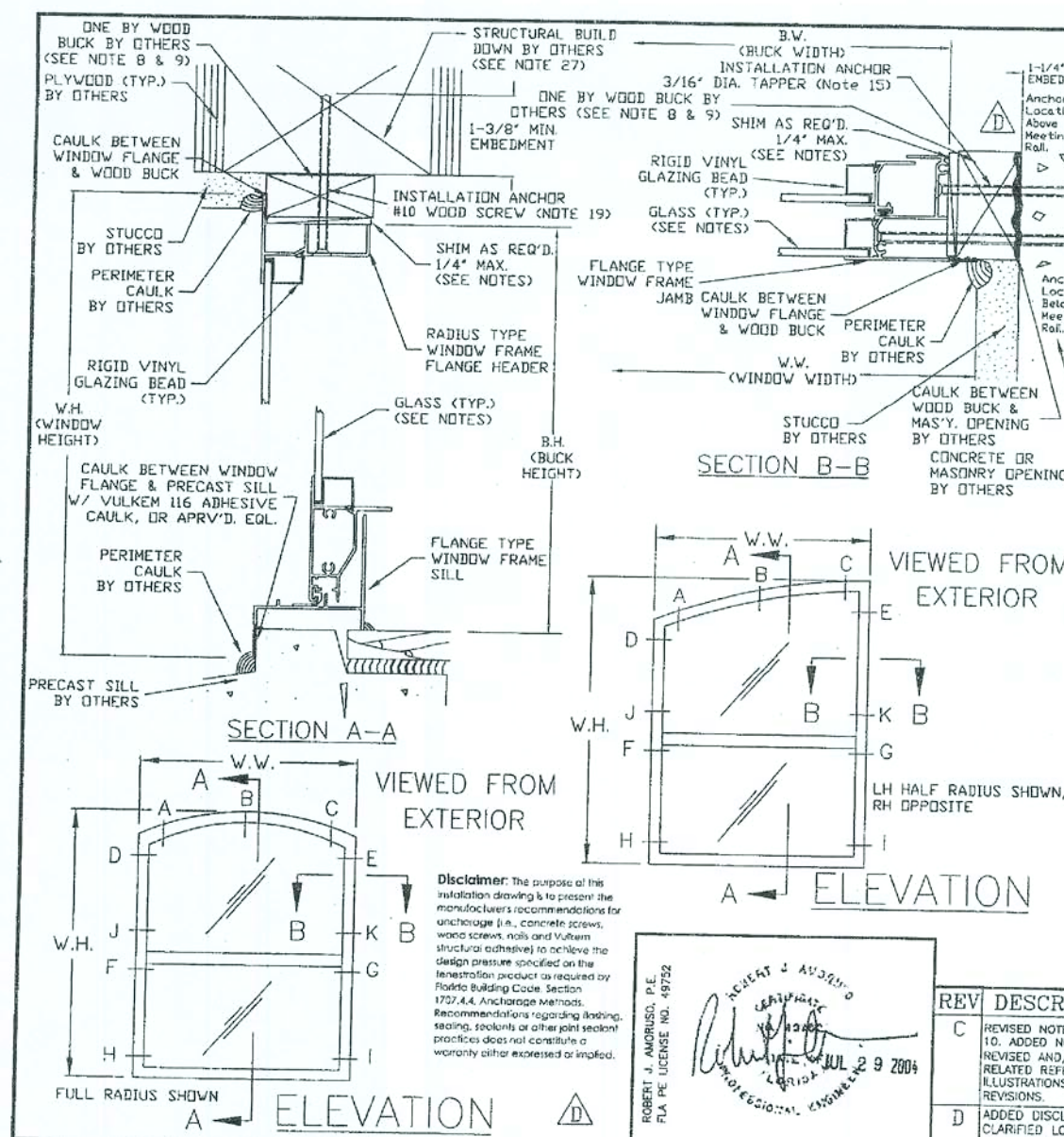
- 16) WHERE WINDOW IS INSTALLED IN MASONRY OPENING WITH A STRUCTURAL TWO BY WOOD BUCK, USE #10 WOOD SCREWS (ANSI B18.6.1) OF SUFFICIENT LENGTH TO ACHIEVE 1-3/8" MIN. EMBEDMENT INTO THE TWO BY WOOD BUCK.
- 16A) IF A TWO BY ONE BY WOOD BUCK ARE USED (SEE SECTION A-A ALTERNATE, SIMILAR FOR SECTION B-B), 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 FASTENER 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 DESIGN 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	DATE	INT
B	REVISED ANCHOR LOCATION CHART (SEE NOTE 2) AND CHANGE IN QUANTITY.	4/23/04	RJA
C	ADDED DISCLAIMER AND CLARIFIED LOCATION OF JAMB ANCHORS.	7/29/04	RJA



IMPORTANT INFORMATION & GENERAL NOTES
These notes are provided to ensure proper installation of Florida Extruders Milestone products and must be followed fully.

GENERAL INSTALLATION INSTRUCTIONS

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

ANCHOR INSTALLATION INSTRUCTIONS

GENERAL:

- 8) NAIL ATTACHMENT OF NON-STRUCTURAL ONE BY BUCK IS 4" FROM EACH CORNER AND 8" ON CENTER. USE A HARDENED "T-NAIL" WITH A 0.097" DIAMETER AND 1 3/8" LENGTH (5/8" EMBEDMENT). A HARDENED "MASONRY NAIL" WITH A 0.148" DIAMETER AND 1 1/2" LENGTH (1" EMBEDMENT) OR EQUIVALENT FOR THE JAMBS. USE A 0.113" DIAMETER COMMON WIRE NAIL WITH A 3/4" EMBEDMENT OR EQUIVALENT FOR THE HEAD.
- 9) APPLIES TO ALL NON-STRUCTURAL BUCKS LESS THAN 1 1/2" THICKNESS. NOT INTENDED TO LIMIT TO NOMINAL ONE BY WOOD BUCK ONLY. BUCKS GREATER THAN 1" NOMINAL (3/4" TH) AND LESS THAN 2" NOMINAL (1 1/2" TH) WILL REQUIRE NAIL LENGTH SUFFICIENT TO MEET EMBEDMENT REQUIREMENTS OF NOTE 6.
- 10) ALL INSTALLATION ANCHORS MUST BE MADE OF CORROSION RESISTANT MATERIALS OR HAVE A CORROSION RESISTANT COATING APPLIED SUITABLE FOR THE ENVIRONMENT AND/OR FRAMING MATERIAL. WHERE ANCHORS ARE USED IN PRESSURE-PRESERVATIVE TREATED 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 FRC (IF REQUIRED) WILL BE 3/16" IN DIAMETER.
- 12) WOOD SCREWS SHALL MEET ANSI B18.6.1 DIMENSIONAL REQUIREMENTS.
- 13) IF WOOD TENDS TO SPLIT, PRE-BORE HOLES AS FOLLOWS: #8 WOOD SCREW - 1/8" DIA. PILOT HOLE & #10 WOOD SCREW - 9/64" DIA. PILOT HOLE (NOMINAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION).

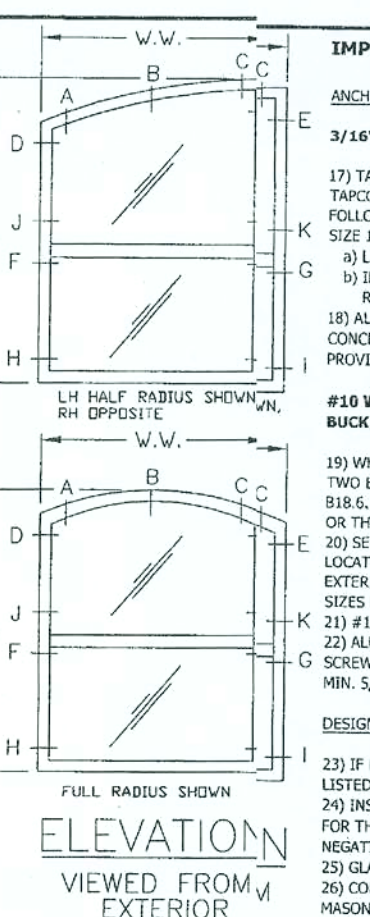
3/16" DIA. TAPPER CONCRETE SCREW WITH NON-STRUCTURAL ONE BY WOOD BUCK:

- 15) 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.
- 16) SEE SHEET 2 FOR INSTALLATION ANCHOR LOCATION CHART. LETTER DESIGNATIONS ON THE LOCATION CHART INDICATE WHERE TAPPER CONCRETE SCREWS ARE TO BE INSTALLED WHEN USING THE EXTERIOR ELEVATION AS A KEY.

[SEE SHEET 2 FOR CONTINUATION OF NOTES]

REV	DESCRIPTION	DATE	INT
C	REVISED NOTES 3, 8, 9 & 10. ADDED NOTE 27. REVISED AND/OR ADDED RELATED REFERENCES AND ILLUSTRATIONS FOR NOTE REVISIONS.	12/19/00	RJA
D	ADDED DISCLAIMER AND CLARIFIED LOCATION OF JAMB ANCHORS.	7/29/04	RJA

CALL SIZE	BUCK SIZE	LOCATIONS IN HEAD	LOCATIONS IN JAMB
12	18 1/8 x 27 5/16	A.C.	A.C.
13	18 1/8 x 39 11/16	A.C.	A.C.
14	18 1/8 x 51 15/16	A.C.	A.C.
14S	18 1/8 x 57 19/32	A.C.	A.C.
15	18 1/8 x 64 5/16	A.C.	A.C.
16	18 1/8 x 73 5/16	A.C.	A.C.
1H2	25 1/2 x 28 9/16	A.C.	A.C.
1H3	25 1/2 x 40 15/16	A.C.	A.C.
1H4	25 1/2 x 53 3/16	A.C.	A.C.
1H4S	25 1/2 x 59 13/16	A.C.	A.C.
1H5	25 1/2 x 65 9/16	A.C.	A.C.
1H6	25 1/2 x 74 9/16	A.C.	A.C.
30 1/2 x 30 7/32	29 1/2 x 29 7/32	A.C.	A.C.
30 1/2 x 42 19/32	29 1/2 x 41 19/32	A.C.	A.C.
30 1/2 x 54 27/32	29 1/2 x 53 27/32	A.C.	A.C.
30 1/2 x 60 15/32	29 1/2 x 59 15/32	A.C.	A.C.
30 1/2 x 67 1/32	29 1/2 x 66 1/32	A.C.	A.C.
30 1/2 x 76 7/32	29 1/2 x 75 7/32	A.C.	A.C.
22	36 x 30 5/16	A.B.C.	A.B.C.
23	36 x 42 11/16	A.B.C.	A.B.C.
24	36 x 54 15/16	A.B.C.	A.B.C.
24S	36 x 60 5/16	A.B.C.	A.B.C.
25	36 x 67 5/16	A.B.C.	A.B.C.
26	36 x 76 5/16	A.B.C.	A.B.C.
42 x 32 5/32	41 x 31 5/32	A.B.C.	A.B.C.
42 x 44 17/32	41 x 43 17/32	A.B.C.	A.B.C.
42 x 56 25/32	41 x 55 25/32	A.B.C.	A.B.C.
42 x 68 3/8	41 x 67 3/8	A.B.C.	A.B.C.
42 x 80 5/32	41 x 79 5/32	A.B.C.	A.B.C.
42 x 92 1/32	41 x 91 1/32	A.B.C.	A.B.C.
48 x 33 5/32	47 x 32 5/32	A.B.C.	A.B.C.
48 x 45 17/32	47 x 44 17/32	A.B.C.	A.B.C.
48 x 57 25/32	47 x 56 25/32	A.B.C.	A.B.C.
48 x 69 3/8	47 x 68 3/8	A.B.C.	A.B.C.
48 x 81 5/32	47 x 80 5/32	A.B.C.	A.B.C.
48 x 93 1/32	47 x 92 1/32	A.B.C.	A.B.C.
32	52 1/8 x 33	A.B.C.	A.B.C.
33	52 1/8 x 45 3/8	A.B.C.	A.B.C.
34	52 1/8 x 57 5/8	A.B.C.	A.B.C.
34S	52 1/8 x 63 1/4	A.B.C.	A.B.C.
35	52 1/8 x 70	A.B.C.	A.B.C.
36	52 1/8 x 78	A.B.C.	A.B.C.



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 ELO 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 STRUCTURAL 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) STRUCTURE BUILD-DOWN AT THE HEAD TO BE DESIGNED 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 1707.4.4.3 AND THE ENGINEER OF RECORD'S DETAILS.

REV	DESCRIPTION	DATE	INT
B	REVISED ANCHOR LOCATION CHART (SEE NOTE 2) AND CHANGE IN QUANTITY.	4/23/04	RJA
C	ADDED DISCLAIMER AND CLARIFIED LOCATION OF JAMB ANCHORS.	7/29/04	RJA

REVISIONS:

FLORIDA EXTRUDERS
WINDOWS IN BLOCK

RELEASE DATE: 04/24/2005

SHEET: 1 of 3

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

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

A) General Assembly Installation Instructions

1) SHIMMING:

- FLANGE FRAME WINDOWS - Shim as required at each installation fastener with load bearing shim. The maximum allowable shim stack to be 1/4".
- 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 head 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.
- 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 & SGL SEAM SEALANT (See Disclaimer Statement above)

- GENERAL - SEALANT TYPE (not applicable when a specific brand or type is required)
 - Sealant type shall be chosen based on the sealant manufacturer's recommendation as it relates to materials to be sealed, environmental conditions and intended use.
- WINDOWS - FLANGE FRAME
 - Adhesive Seal - REQUIRED
 - Use Vulkem 116 adhesive sealant or approved equal between window's integral mounting fin and pre-cast concrete sill (or other sill construction) along full length of sill.
 - Application of Vulkem 116 adhesive sealant or approved equal must comply with sealant manufacturer's recommendations.
 - Sealant - RECOMMENDED (see Disclaimer)
 - Use sealant behind window flange at head and jamb.
 - Use sealant for perimeter seal around exterior of flange window mounting fin and to seal heads of installation fasteners.
- WINDOWS - FIN FRAME
 - Adhesive Seal - NOT REQUIRED
 - Sealant - RECOMMENDED (see Disclaimer)
 - Use sealant behind window flange at head, sill and jamb.
 - Use sealant for perimeter seal around exterior of flange window mounting fin and to seal heads of installation fasteners.
- SLIDING GLASS DOORS
 - Adhesive Seal - NOT REQUIRED
 - Mechanically Fastened Corners - REQUIRED
 - Sliding Glass Doors received in "Knocked-Down" condition shall have jamb and sill corners sealed with a small point sealant.
 - Sealant - RECOMMENDED (see Disclaimer)
 - Use sealant behind door flange at head and jamb and behind hook strip.
 - Locally apply sealant under sill or set sill in bed of wet concrete. Seal between back corner of sill and concrete. Seal all fastener holes prior to installing fastener and around head after installation.
 - Use sealant for perimeter seal around exterior of door and between hook strip & back for pocket doors and to seal heads of installation fasteners.

3) MATERIALS:

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

B) BUCKING:

- One by (1x) wood bucking:

- Applies to all non-structural bucks less than 1 1/2" thickness. Not intended to limit to nominal one by wood buck only.
- One by wood bucking shall be secured to the substrate (masonry, concrete or structural wood bucking or framing using fasteners suitable for the application:
 - If the product specific installation drawing does not prescribe fastening requirements for the bucking, fastening must only be sufficient to maintain position of the bucking during window installation.
 - 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.

- Two by (2x) wood bucking or framing:

- Applies to all structural wood bucks and/or framing at the head, sill, jamb or sill equal to and greater than 1 1/2" thickness.
- They shall be securely fastened to transfer the load to the masonry, concrete or other structural substrate per 2001 FBC, Section 1707.4.4, 2004 FBC Building, Section 1714.5.4 and 2004 FBC-Residential, Section R613.6 and/or the engineer of record's details as applicable.

C) General Fastener Installation Instructions

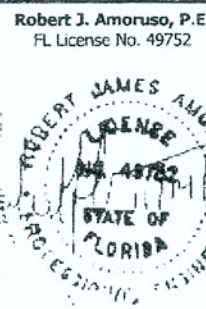
- All installation fasteners must be made of corrosion resistant materials or have a corrosion resistant coating applied suitable for the environment and/or framing material. Where fasteners are used in pressure preservative treated wood, the wood supplier shall be consulted for recommendation of fasteners compatible with the pressure preservative treatment process used.
- All field supplied holes in the frame (if required) will be as follows:
 - 5/32" diameter for all #8 wood or tapping screws.
 - 3/16" in diameter for all #10 wood or tapping screws and 3/16" diameter for concrete screws.
 - No. 29 size drill bit for 0.131" shank diameter nails.
 - No. 33 size drill bit for 0.113" shank diameter nails.
- Concrete Screws (For attachment to masonry or concrete substrate):
 - Shall be "Flat" head unless otherwise indicated.
 - Shall have a minimum nominal diameter of 3/16" unless otherwise noted.
 - Shall have a minimum embedment of 1 1/4" into the concrete, masonry or concrete block or masonry unit (CMU) receiving the point unless otherwise noted.
 - Shall have an allowable working load in shear as noted on the "Parts List" on the product specific installation drawing.
 - Working load is defined as the ultimate load determined by test, as divided by 4 as determined and published by the concrete screw manufacturer.
 - If the allowable shear load exceeds the above minimum, required number of fasteners shown on the installation drawings CANNOT be decreased.
 - 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.
 - Concrete screws shall be of sufficient length so that the minimum embedment into the receiving substrate (member receiving the point) is met.
 - Minimum Edge Distance of concrete screw fasteners shall be 2 1/4" from the edge of the substrate for a 3/16" diameter concrete screw.

DISCLAIMER

The purpose of this installation drawing is to provide 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.



Drawing No. FLEX20100
Sheet 2 of 2

FASTENER LOCATION TABLE (see Elevation View, Sheet 1)

Series	Size Code	Frame Width and Height		Fastener Screw Location	
		Width	Height (Full Radius)	Head (No. 10 WS)	Jamb (No. 10 WS or Concrete Screw)
1000/1500/2000	12	19 1/8"	26 1/8"	A, B, C	D, E, F, G, H, I
1000/1500/2000	13	19 1/8"	26 3/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	14	19 1/8"	51 7/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	14S	19 1/8"	57 1/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	15	19 1/8"	63 13/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	16	19 1/8"	72 13/16"	A, B, C	D, E, F, G, H, I, J, K
1000/1500	17	19 1/8"	84	A, B, C	D, E, F, G, H, I, J, K, Y, Z
2000	17	19 1/8"	86	A, B, C	D, E, F, G, H, I, J, K, Y, Z
1000/1500/2000	11H2	28 1/2"	27 7/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	11H3	28 1/2"	39 13/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	11H4	28 1/2"	52 1/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	11H4S	28 1/2"	57 11/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	11H5	28 1/2"	64 7/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	11H6	28 1/2"	73 7/16"	A, B, C	D, E, F, G, H, I, J, K
1000/1500	11H7	28 1/2"	84	A, B, C	D, E, F, G, H, I, J, K, Y, Z
2000	11H7	28 1/2"	86	A, B, C	D, E, F, G, H, I, J, K, Y, Z
1000/1500/2000	3H2	30 1/2"	27 7/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	3H3	30 1/2"	40 13/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	3H4	30 1/2"	52 3/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	3H4S	30 1/2"	57 11/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	3H5	30 1/2"	64 7/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	3H6	30 1/2"	73 7/16"	A, B, C	D, E, F, G, H, I, J, K
1000/1500	3H7	30 1/2"	84	A, B, C	D, E, F, G, H, I, J, K, Y, Z
2000	3H7	30 1/2"	86	A, B, C	D, E, F, G, H, I, J, K, Y, Z
1000/1500/2000	27	37	26 5/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	23	37	40 11/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	24	37	52 15/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	24S	37	58 9/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	25	37	65 5/16"	A, B, C	D, E, F, G, H, I
1000/1500/2000	26	37	74 5/16"	A, B, C	D, E, F, G, H, I, J, K
1000/1500	27	37	84	A, B, C	D, E, F, G, H, I, J, K, Y, Z
2000	27	37	86	A, B, C	D, E, F, G, H, I, J, K, Y, Z
1000/1500/2000	482	48	29 7/32"	A, B, C	D, E, F, G, H, I
1000/1500/2000	483	48	41 19/32"	A, B, C	D, E, F, G, H, I
1000/1500/2000	484	48	53 27/32"	A, B, C	D, E, F, G, H, I
1000/1500/2000	484S	48	59 15/32"	A, B, C	D, E, F, G, H, I
1000/1500/2000	485	48	66 7/32"	A, B, C	D, E, F, G, H, I
1000/1500/2000	486	48	79 7/32"	A, B, C	D, E, F, G, H, I, J, K
1000/1500/2000	487	48	84 11/32"	A, B, C	D, E, F, G, H, I, J, K
1000/1500	487	48	90	A, B, C	D, E, F, G, H, I, J, K, Y, Z
1000/1500/2000	32	53 1/8"	29 21/32"	A, B, C	D, E, F, G, H, I
1000/1500/2000	33	53 1/8"	42 1/32"	A, B, C	D, E, F, G, H, I
1000/1500/2000	34	53 1/8"	54 9/32"	A, B, C	D, E, F, G, H, I
1000/1500/2000	34S	53 1/8"	59 29/32"	A, B, C	D, E, F, G, H, I
1000/1500/2000	35	53 1/8"	66 21/32"	A, B, C	D, E, F, G, H, I
1000/1500/2000	36	53 1/8"	75 21/32"	A, B, C	D, E, F, G, H, I, J, K
1000/1500	n/a	n/a	n/a	n/a	n/a
2000	37	53 1/8"	90	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 jamba and masonry or concrete sill, installation is as follows:

- At the jamba, use a 3/16" diameter concrete screw of sufficient length to achieve minimum embedment of 1-1/4" into masonry or concrete. See "Parts List" on Sheet 1 of this drawing for concrete screw size, embedment and load requirements. See FLEX20100, Note 7 for additional concrete screw requirements.
- At the sill, apply a Structural Adhesive Sealant 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 jamba and additional installation requirements.

#10 WOOD SCREW WITH (1) STRUCTURAL BUILD-DOWN FOR RADIUS HEAD, (2) OPTIONAL STRUCTURAL TWO BY WOOD BUCK AND (3) OPTIONAL ONE BY WOOD BUCK AT HEAD AND/OR JAMBS (SECTION A-A ALTERNATE ILLUSTRATES THIS OPTION FOR HEAD, SIMILAR FOR SECTION B-B AT JAMBS):

(K) Where window is installed in an opening with a (1) structural build-down for radius head, (2) optional structural two by wood buck and (3) optional one by wood buck at head and/or jamba, installation is as follows:

- For structural build-down at the head and/or two by wood buck at the head and/or jamba as applicable, use #10 wood screws of sufficient length to achieve 1-3/8" min. embedment into the two by wood buck and/or structural build-down. See "Parts List" on Sheet 1 of this drawing for wood screw size and embedment. See FLEX20100, Note 8 for additional wood screw requirements.
- For one by wood buck used in conjunction with a structural two by wood buck at the head and/or jamba 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.
- 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 the fastener locations listed for next larger size.

(P) Installations depicted in these instructions acceptable for design pressures to 70 PSF for the window sizes shown in the chart. Design Pressures (D.P.) are positive and negative. Overall window assembly design pressure may be less than that shown in the fastener quantity table and shall be determined in accordance with Note 13 of FLEX20100.

(Q) Production Glazing may differ from that tested as allowed by ANSI/AAMA/NWDA 101/I.S. 2, 101/I.S. 2/NAFS or AAMA/WDMA/CSA 101/I.S. 2/A440 and applicable Building Code. See Note 12 and 13 on Drawing FLEX 20100 for further details.

(R) Structural build-down at head, two by wood buck and/or framing at the head and jamba to be securely fastened to transfer the load to the masonry, concrete or other structural substrate per the FBC and the engineer of record's details as applicable.

(S) See FLEX20100, Notes 10 to 15 for additional FBC Code Compliance.

FASTENER LOCATION TABLE NOTES:

- This chart and Notes I, J, K, L, M and N for use when Radius Head Flange Window is installed in opening with the following attributes:
 - Wood Structural Build-Down at Head, and
 - Masonry/Concrete Substrate and One-By Wood Buck at Jamba.
- Install Radius Head Flange Window using #10 Wood Screws with a 1-3/8" minimum embedment into the structural wood substrate in accordance with Notes K to N in an opening with the following attributes:
 - Wood Structural Build-Down at Head, and
 - Optional Structural Two By Buck is installed at the head and jamba, and
 - Optional One By Wood Buck is installed at the head or jamba.
- See Note R regarding structural framing requirements.
- See Sheet 1 for Fastener Location Diagrams.
- Fasteners Y & Z applicable to Series 2000 Size 37 Only: 3/16" Hole must be drilled in field.

Drawing No. FLEX22110
Sheet 2 of 2

SHEET:

3 of 3

PRODUCT APPROVAL INFORMATION SHEET FOR LORDIA

PROJECT NAME: _____ PERMIT # _____

PROJECT ADDRESS: _____

As required by Florida Statute 553.842 and Florida Administrative Code 9b-72.2, Please provide the information and product approval number(s) for the building components listed below, as applicable to the building construction project for the permit number listed above. You should contact your product supplier if you do not know the product approval number for any of the applicable list products. Information regarding statewide product approval may be obtained at: www.floridabuilding.org.

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	State #	Design Pressures
A. EXTERIOR DOORS					
1. Sliding	Plasipro Inc.	Fiberglass Doors	Evaluated for use in localities adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads For Building and Other Structures.	FL 6729J FL 6729.5	+50 / -50 +50 / -50
2. Sliding	Simonton/Norandex Florida Extruders	Sliding Glass Doors	500 72X80 SGD-F5 Milestone 1000 SGD	FL 5979J FL 45J	+50 / -50 +45 / -45
3. Sectional	Wayne Dalton	Garage Doors 130 16' 9100 / 5120 8' Garage Doors 140 16' 9100 / 5120 8'	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.	FL 5287J FL 5287.3 FL 9174.4 FL 9174.5	+26.9 / -30.8 +25.9 / -28.8 +43.2 / -49.6 +39.2 / -43.7
B. WINDOWS					
1. Single Hung	H-R Windows Danvld Window Co Florida Extruders	300 Fin Single Hung 341 Flange Frame S.H. Milestone 1000 S.H.	40-17 72X74 H-r4	FL 5089J FL 2752J FL 42J	+45 / -45 +55 / -55 +45 / -45
2. Horizontal Slider					
3. Casement					
4. Double hung					
5. Fixed	H-R Windows Danvld Window Co Florida Extruders	300 Fin Frame Fixed 341 Flange Frame Fixed Milestone 1000 Fixed	437.438 111X63 F-C613/16 Tempered Gls 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. Sliding	Owen Corning	Norandex - Summit Manor Dbl 4.5 Dutch Lap Reynolds - Easy Street Dbl 4.5 Dutch Lap	This Evaluation is not for use within the FBC HVZ or on Education Facilities within the State of Florida. If Sliding is limited to Type V construction, as defined below. Section 602.5- TYPE V CONSTRUCTION Type V construction is the type of construction in which structural elements, exterior walls and interior walls, are of one material permitted by this code. Compliance is valid only if the subject profile trade name is current on the VSI Vinyliding Certification Program.	FL 920.3 FL 920.7	+NA / -152 +NA / -152
2. Soffit	Alco Metal Corp	16" Vented Soffit Quad 4 Aluminum Soffit	For use as soffit only 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	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 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 NORA 05-0105.05	FL RL 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: _____ (Print Name) _____ (Signature)
(Contractor or Design Professional)

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

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

4005 MARONDA WAY SANFORD, FL 321-0064

PRODUCT APPROVAL

DRAWN BY: _____

RELEASE DATE: _____

08/13/3

PLOT DATE: 21 JAN 2008

SHEET:

DISTINCTION SERIES

GENERAL NOTES

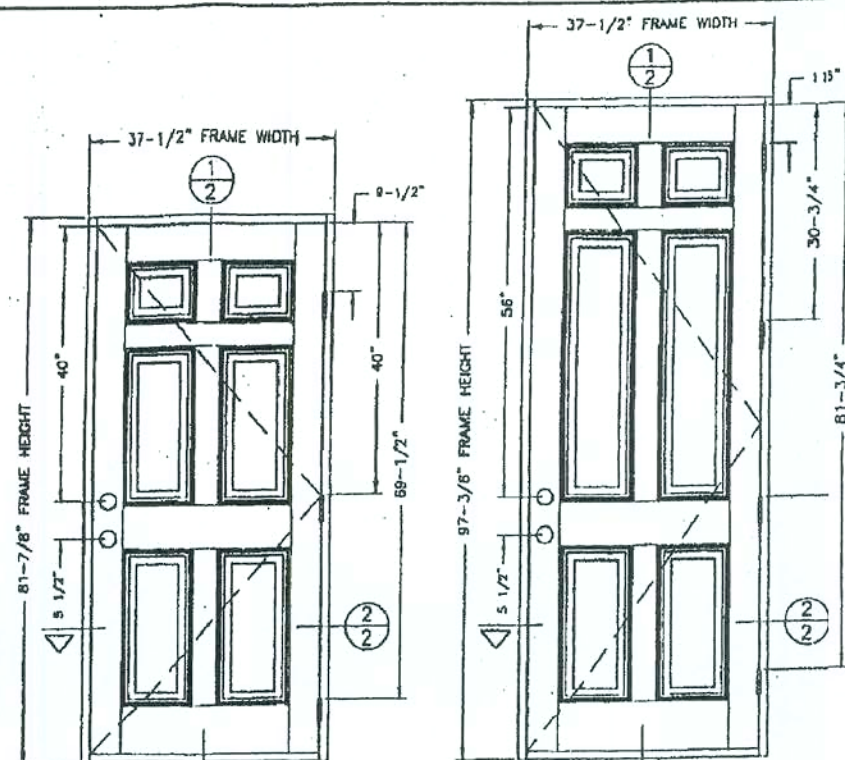
1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1984 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL 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.

DOOR LEAF CONSTRUCTION

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

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)	
WHERE WATER INFILTRATION REQUIREMENT IS MET	WHERE WATER INFILTRATION REQUIREMENT IS NOT MET
POSITIVE +50 PSF	+50 PSF
NEGATIVE -50 PSF	-50 PSF

TYPICAL ELEVATION 8'-0" DOOR

DESIGN PRESSURE RATING (TABLE #2)	
WHERE WATER INFILTRATION REQUIREMENT IS MET	WHERE WATER INFILTRATION REQUIREMENT IS NOT MET
POSITIVE +50 PSF	+50 PSF
NEGATIVE -50 PSF	-50 PSF

DATE: 01/08/99
SCALE: N.T.S.
DWG. BY: R.P.P.
CHK. BY: R.P.P.
REV. 02
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

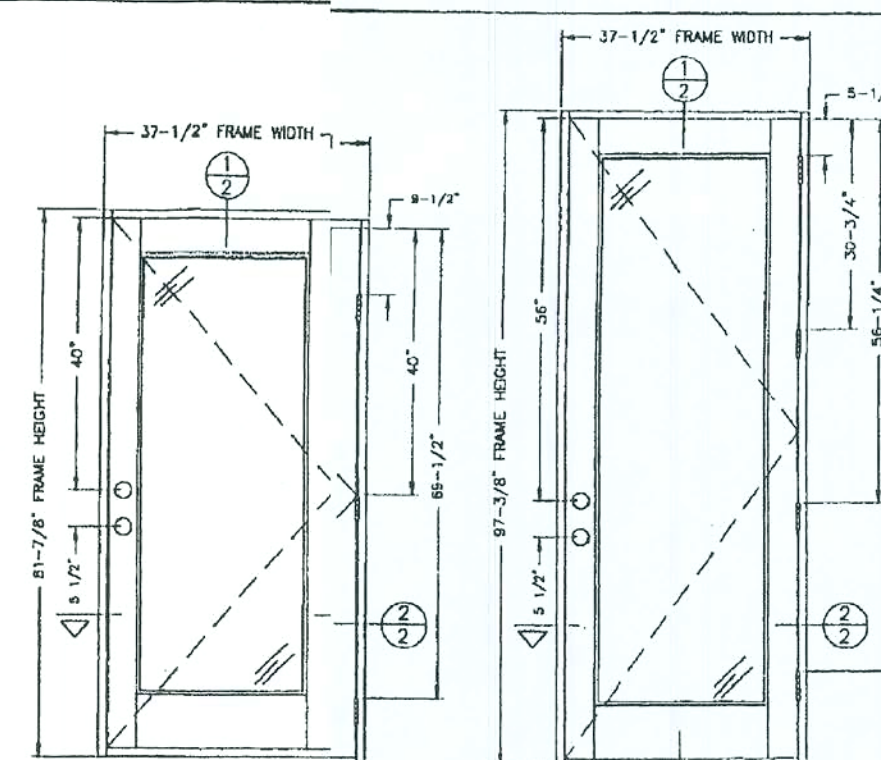
1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1984 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL 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" TEMPERED LITES AND ONE AIR SPACE.
5. REINFORCING: ONE (1) "U" SHAPED STEEL REINFORCING CHANNEL MEASURING 1.591" X 0.749" X 0.076" THK. WAS LOCATED AT EACH PANEL STILE (6'-0" DOOR ONLY).

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



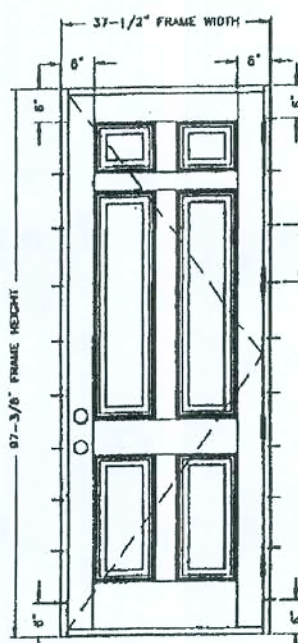
TYPICAL ELEVATION 6'-8" DOOR

DESIGN PRESSURE RATING (TABLE #1)	
WHERE WATER INFILTRATION REQUIREMENT IS MET	WHERE WATER INFILTRATION REQUIREMENT IS NOT MET
POSITIVE +50 PSF	+50 PSF
NEGATIVE -50 PSF	-50 PSF

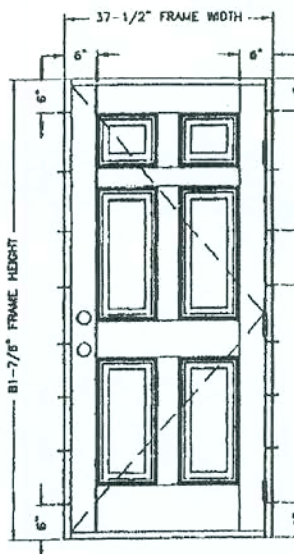
TYPICAL ELEVATION 8'-0" DOOR

DESIGN PRESSURE RATING (TABLE #2)	
WHERE WATER INFILTRATION REQUIREMENT IS MET	WHERE WATER INFILTRATION REQUIREMENT IS NOT MET
POSITIVE +50 PSF	+50 PSF
NEGATIVE -50 PSF	-50 PSF

DATE: 02/08/99
SCALE: 3/4" = 1"
DWG. BY: R.P.P.
CHK. BY: R.P.P.
REV. 02
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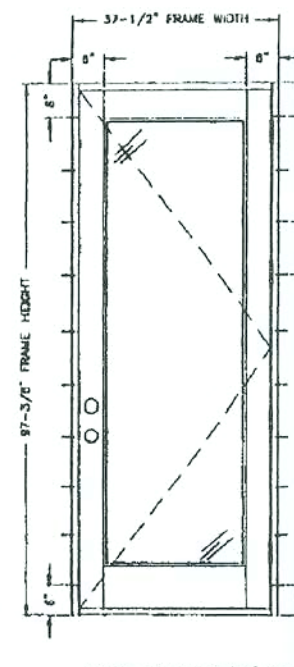
ANCHOR LAYOUT FOR 6'-8" DOOR



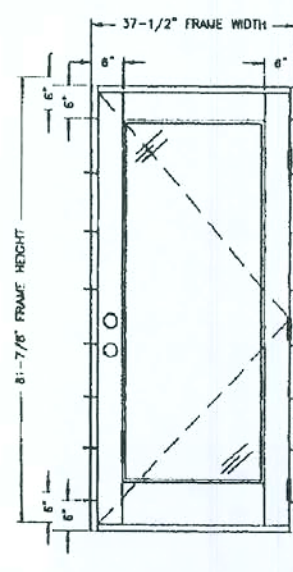
ANCHOR LAYOUT FOR 8'-0" DOOR

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

DATE: 01/08/99
SCALE: N.T.S.
DWG. BY: R.P.P.
CHK. BY: R.P.P.
REV. 02
99-02
SHEET 2 OF 4



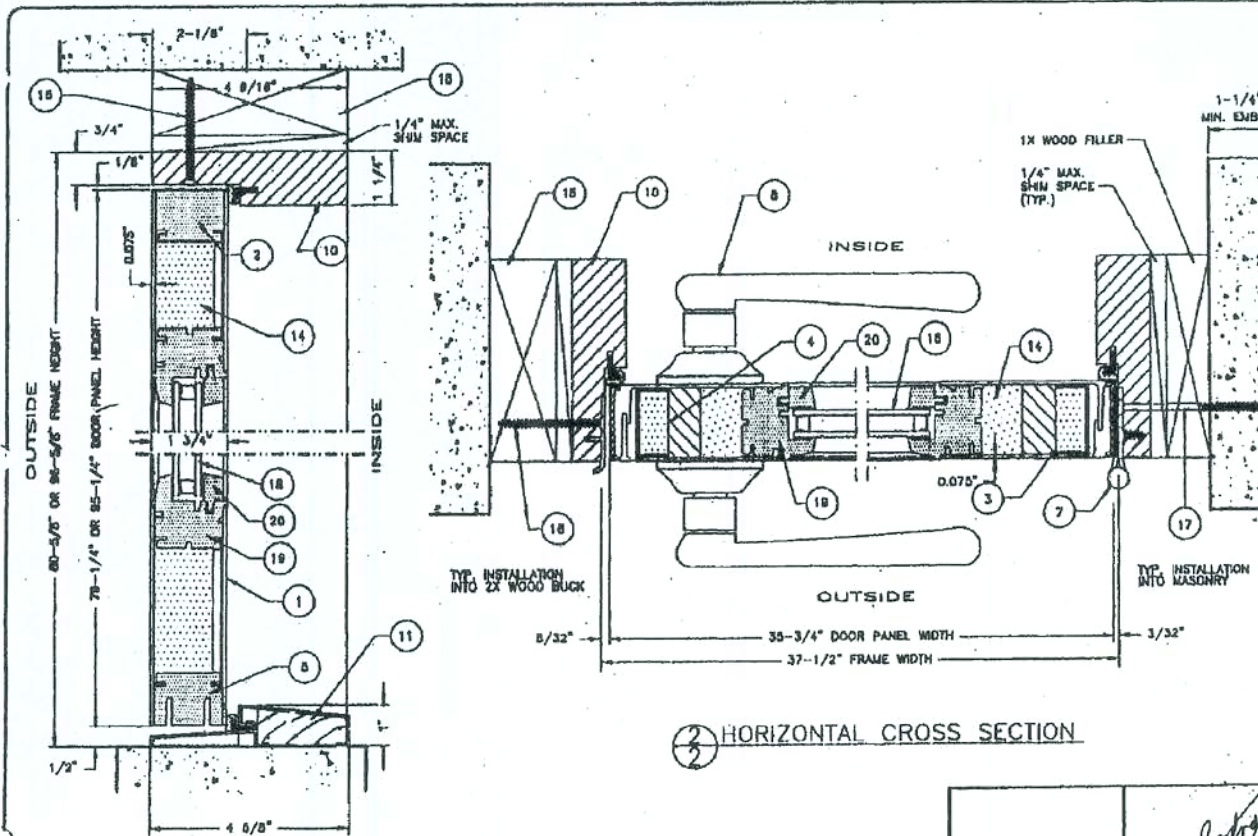
ANCHOR LAYOUT FOR 6'-8" DOOR



ANCHOR LAYOUT FOR 8'-0" DOOR

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

DATE: 02/08/99
SCALE: 3/4" = 1"
DWG. BY: R.P.P.
CHK. BY: R.P.P.
REV. 02
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SHEET 3 OF 4



HORIZONTAL CROSS SECTION

VERTICAL CROSS SECTION

DATE: 01/08/99
SCALE: N.T.S.
DWG. BY: R.P.P.
CHK. BY: R.P.P.
REV. 02
99-02
SHEET 4 OF 4

ITEM	DESCRIPTION	PART NO.	MATERIAL
1	DOOR LEAF (6 PANEL 6'-8")	PAS 01	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
2	DOOR LEAF (8 PANEL 8'-0")	PAS 02	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
3	HINGE STILE	PAS 03	WOOD (UNPAINTED)
4	LOCK STILE	PAS 04	WOOD (UNPAINTED)
5	BOTTOM RAIL	PAS 05	WOOD (UNPAINTED)
6	DOOR BOTTOM (NEWING)	PAS 06	WOOD (UNPAINTED)
7	BUTT HINGE	PAS 07	BRASS
8	LATCH LOCK	PAS 08	BRASS
9	DOOR FRAME	PAS 09	WOOD (UNPAINTED)
10	DOOR FRAME	PAS 10	WOOD (UNPAINTED)
11	THRESHOLD (OUTSWING)	PAS 11	WOOD (UNPAINTED)
12	FOAM CORE	PAS 12	FOAM CORE
13	ANCHOR	PAS 13	STEEL
14	ANCHOR	PAS 14	STEEL
15	ANCHOR	PAS 15	STEEL
16	ANCHOR	PAS 16	STEEL
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100	ANCHOR	PAS 100	STEEL

DATE: 01/08/99
SCALE: N.T.S.
DWG. BY: R.P.P.
CHK. BY: R.P.P.
REV. 02
99-02
SHEET 5 OF 4

ITEM	DESCRIPTION	PART NO.	MATERIAL
1	DOOR LEAF (6 PANEL 6'-8")	PAS 01	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
2	DOOR LEAF (8 PANEL 8'-0")	PAS 02	SMC OUTSWING RESIDENTIAL INSULATED FIBERGLASS DOOR
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DATE: 01/08/99
SCALE: N.T.S.
DWG. BY: R.P.P.
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REV. 02
99-02
SHEET 6 OF 4

EXT. DOOR DETAILS

OUT SWING-FIBERGLASS

SHEET: FD 2

Maronda Homes

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FLORIDA

4005 MARONDA WAY

321-0064

RELEASE DATE:

02 JUN 2003

0502155

02 JUN 2003