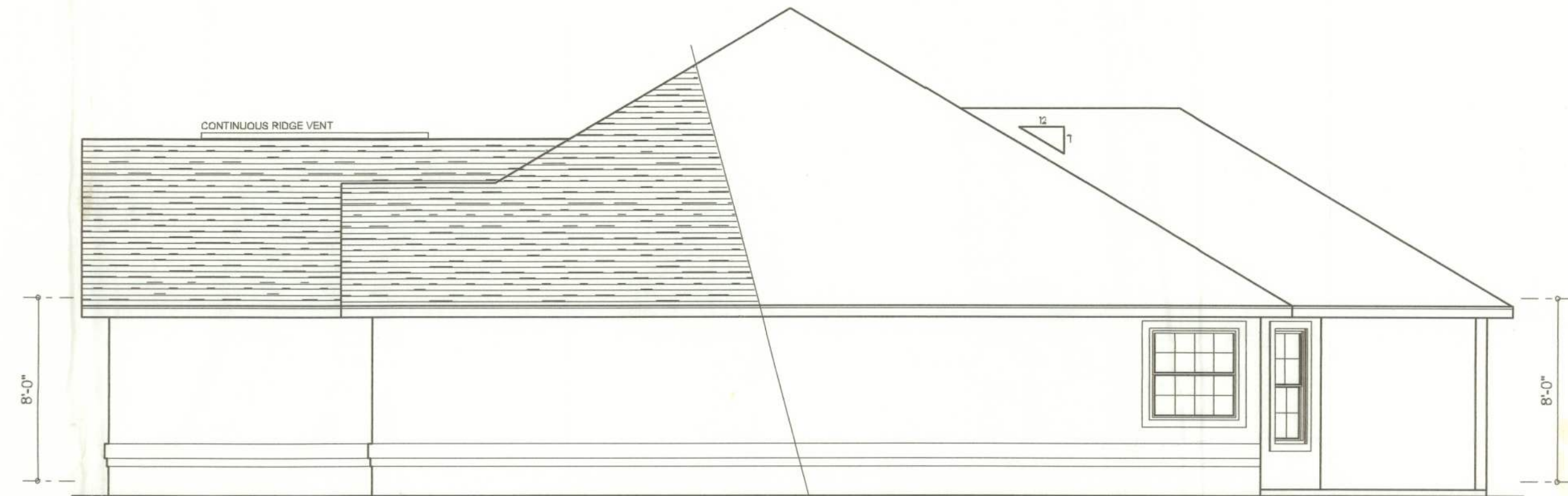
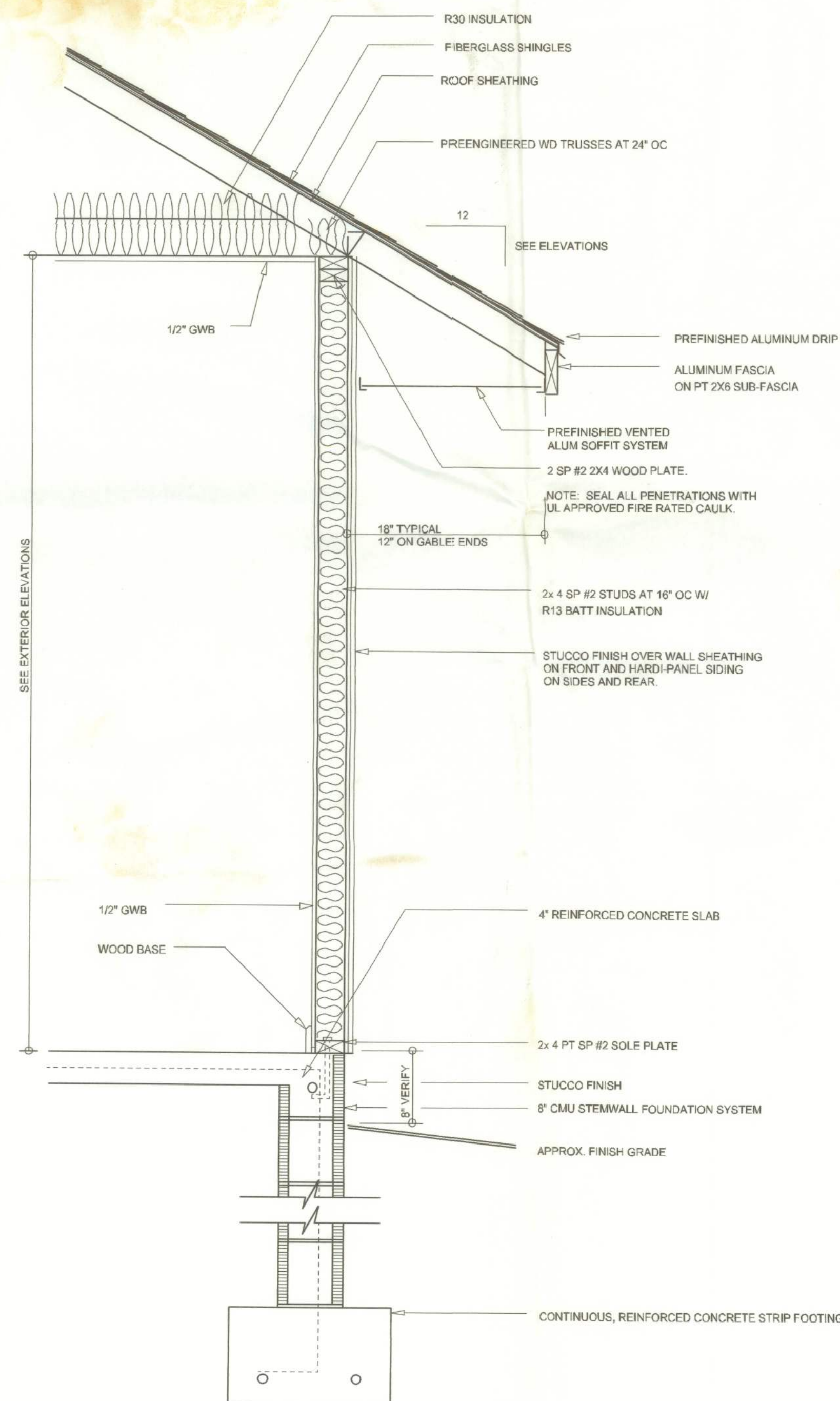




LEFT ELEVATION
SCALE: 3/16" = 1'-0"



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



TYPICAL WALL SECTION
SCALE: 1" = 1'-0"



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



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

Eugene Thomas
Robert Green at
Emerald Lakes
Lot 20
10/2005
23693

REVISIONS
August 18, 2005

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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

TYPICAL WALL SECTION
SCALE: 1" = 1'-0"

A SPEC HOUSE FOR:
EUGENE THOMAS CONSTRUCTION
PROJECT ADDRESS: LOT 20, EMERALD LAKES, LAKE CITY, FLORIDA 32025

© WILLIAM MYERS
DESIGN
P.O. BOX 1513
LAKE CITY, FL 32056
(386) 758-8406
will@willmyers.net

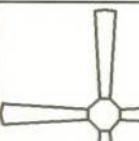


JOB NUMBER
050809

SHEET NUMBER
A.1
OF 4 SHEETS

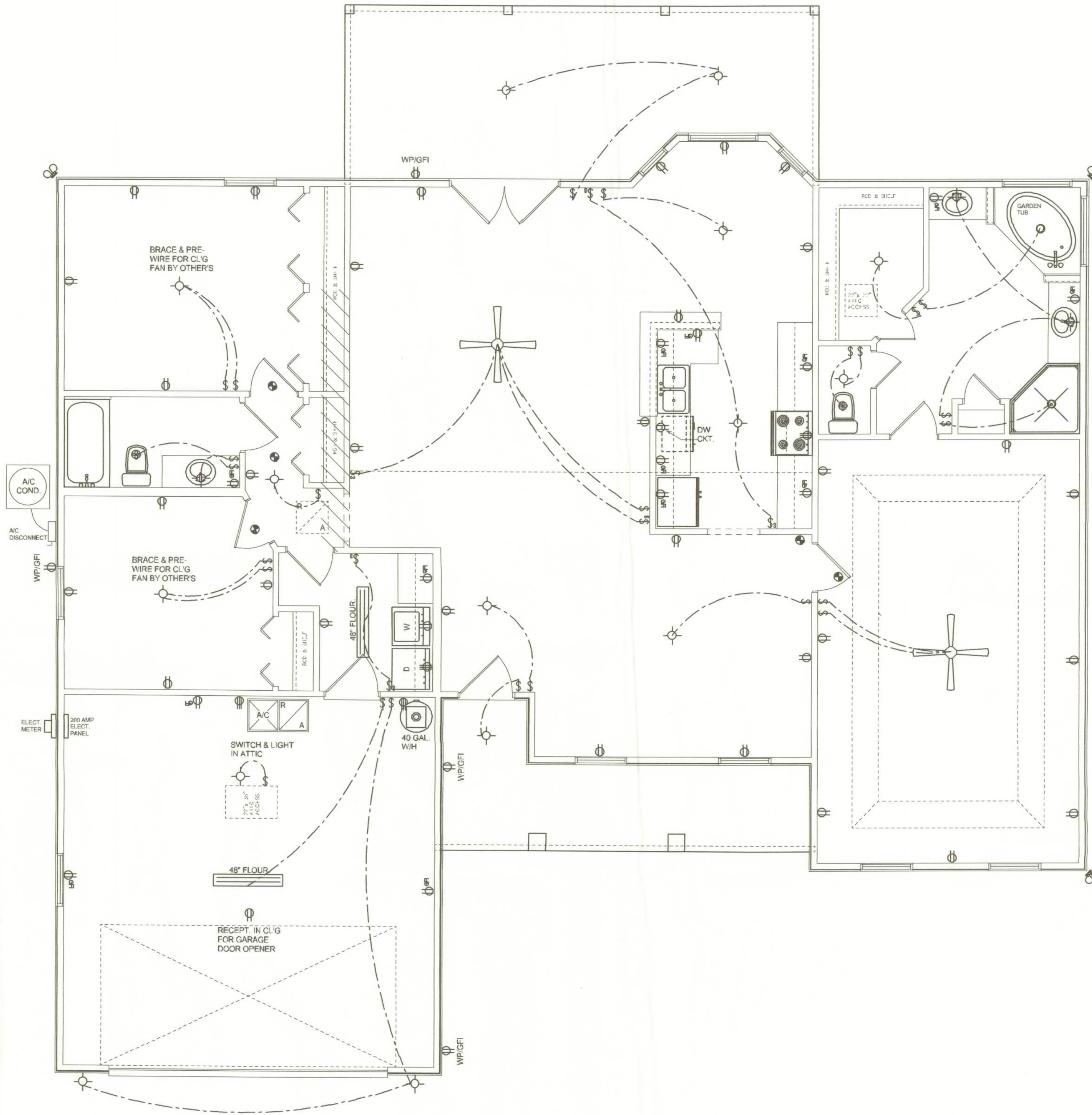
W.M.C. My

OFFICE COPY

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

NOTE:
ALL BEDROOM RECEPTACLES SHALL BE AFCI
(ARC FAULT CIRCUIT INTERRUPT)

ALL SMOKE DETECTORS SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.



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

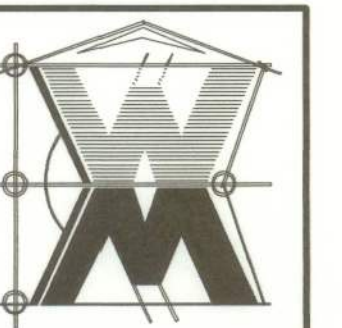
REVISIONS
August 18, 2005

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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

A SPEC HOUSE FOR:
EUGENE THOMAS CONSTRUCTION
PROJECT ADDRESS: LO 20, EMERALD LAKES, LAKE CITY, FLORIDA 32025

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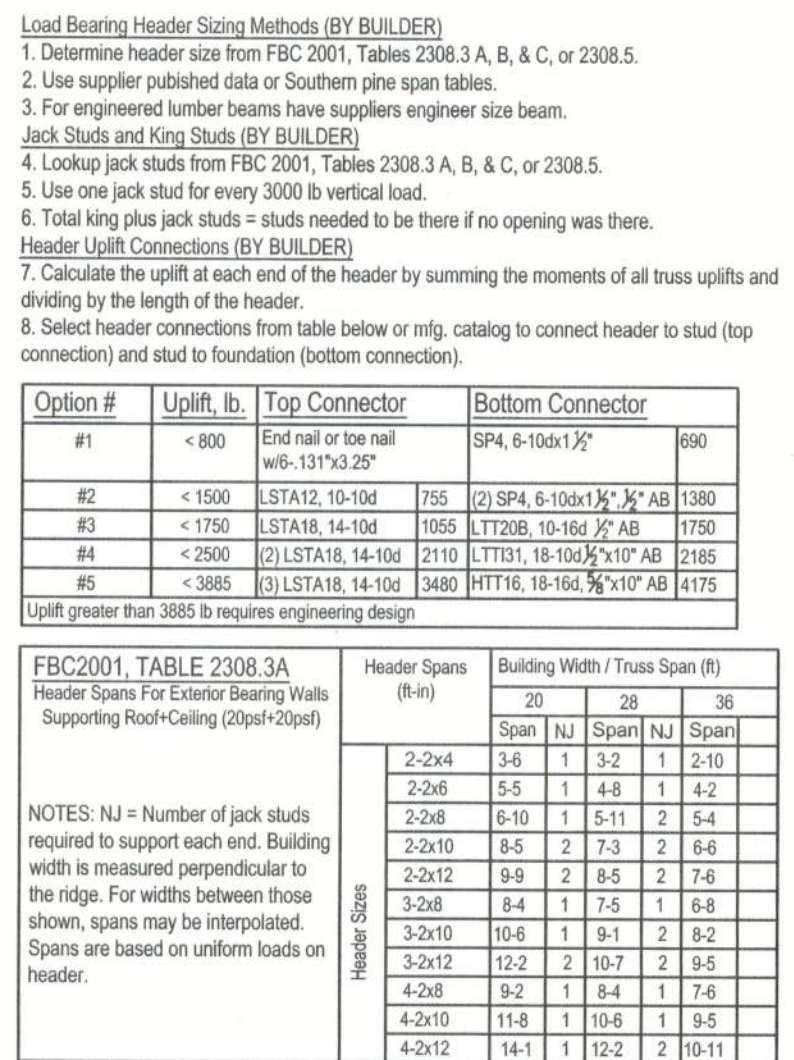


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SHEET NUMBER

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OF 4 SHEETS

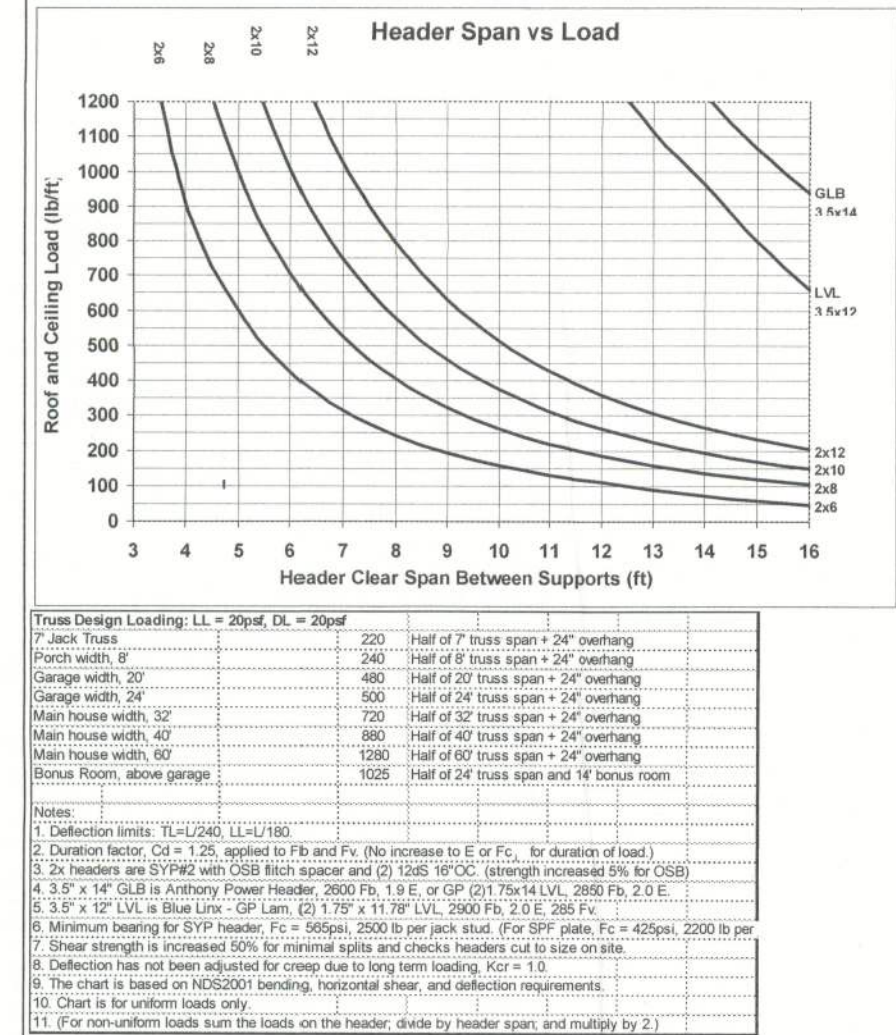
Will C. Myers



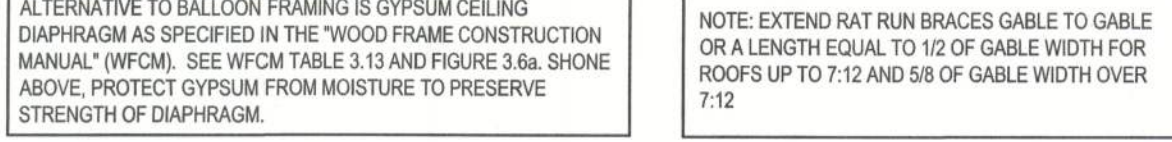
W13-TYPICAL HEADER SIZING & STRAPING DETAIL

12-GENERAL NOTES:

F5 - INTERIOR BEARING STEP FOOTING
SCALE: 1/2"=1'-0" REV-22-AUG-03



W71 - HEADER SPANS FOR ROOF/CEILING LOAD



W12 - PORCH HEADER ANCHORS
SCALE: N.T.S. REV-18-JUL-03

1500 LB	$\frac{3}{8}$ " X 10" AB ATTACHED TO $\frac{3}{8}$ " THREADED ROD WITH $\frac{3}{8}$ " COUPLER THRU COLUMN & HEADER WITH 2" WASHER & NUT TOP	
2300 LB	$\frac{3}{8}$ " X 10" AB ATTACHED TO $\frac{3}{8}$ " THREADED ROD WITH $\frac{3}{8}$ " COUPLER THRU COLUMN & HEADER WITH 3" WASHER & NUT TOP	

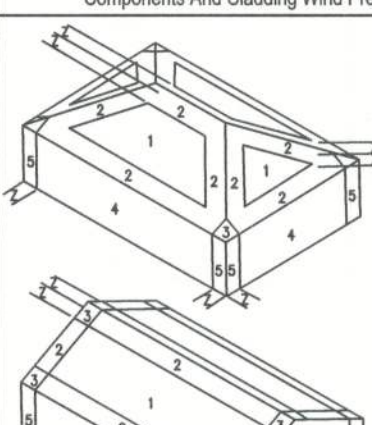
N5 - TRUSS UPLIFT CONNECTOR TABLE					REV-18-NOV-04
All connectors are Simpson Strongtie, unless. See Select top and bottom connections from this table for SPT rating to meet truss uplift. Use fasteners as specified.					
	Uplift SFP	Truss SYP	Truss Connector	To Plate	To Truss / Rafter
320	455	H0	4-8d	4-8d	
245	350	HS-A	3-8d	3-8d	
535	600	H2-5A	5-8d	5-8d	
620	720	H10	6-10dX1 1/2"	6-10dX1 1/2"	
885	990	HTS12	8-8dX1 1/2"	8-8dX1 1/2"	
1245	1450	LTS10	10-10d or 12-10dX1 1/2"	10-10d or 12-10dX1 1/2"	
1285	1470	H16, H16-2	12-10dX1 1/2"	2-10dX1 1/2"	
1785	2050	LG12	14-10d Sinker	16-16d Sinker	
3655	4200	MGT	3/8" Td. Rod	22-12d	
SFP	SYP	Strap Connector	To One Member	To Other Member	
760	885	SP4	6-10dX1 1/2"	N/A	
865	1005	CS220	2-9d or 7-10d	9d or 7-10d	
1085	1285	LSTA18-24	2-10d	7-10d	
1170	1360	SPH4	12-10dX1 1/2"	N/A	
420	455	SSP	4-10d	3-10d to double plate or 1-10d to single	
600	625	DSP	8-10d	3-10d to double plate or 2-10d to single	
1420	1650	CS16	14-8d or 11-10d	14-8d or 11-10d	
SFP	SYP	Column Anchor	To Foundation	To Column / Truss	
1160	1350	LT116	11-10d	14-8d Sinker	
1985	2310	TD12	3/8" 16" AB	18-10dX1 1/2"	
2385	2775	HD2A	3/8" 16" AB	23dX Bolts	
3595	4175	HTT16	3/8" 16" AB	18-16d	
1970	2300	ABU66	3/8" 16" AB	12-16d	

N4-WIND LOAD DESIGN DATA

(Wind loads are per FBC 2001, Section 1606.2 for enclosed simple diaphragm buildings with mean roof height less than 60' or the least horizontal dimension; not sited on the upper half of an unobstructed 60' high hill with >10% slopes)

Basic Wind Speed	110 MPH
Wind Exposure	B
Wind Importance Factor	1.0
Building Category	II
Internal pressure Coefficient	N/A (Enclosed)
Building not in the high velocity hurricane zone	
Building not in the wind-borne debris region	
Mean Roof Height	< 30 ft
Roof Angle	10-45 degrees

Components And Cladding Wind Pressures (FBC Table 1606.2.8B.C)



	Zone	Effective Wind Area (ft ²)
Roof	10	100
	4	21.8 x 23.8 / 18.5 x 20.4
	5	21.8 x 29.1 / 18.5 x 22.6
House Total Shear Wall Segments		
Z=0.0 for 60'W wall, Z=0.075 for 10'WY wall		
	Transverse	Longitudinal
Required	55.2'	60.0'
Actual	109.8'	60.0'

All exterior walls are type 1 where shown. **ACTUAL SHEAR WALL** lengths in the size of all wall segments with full height shear walls and with its length ratio greater than 1.5 (plus special shear wall segments if noted) **REQUIRED SHEAR WALL** length from WFCM 2001, table 1.7.7A & 1.7.8 with table 1.7.1C adjustment for type of shear wall or equivalent calculation)

REV-27-Jun-07

WINDLOAD ENGINEERING'S SUPPLY OF WORK: The wind load engineer is engineer or reactor for compliance of the building to wind load requirements of FBC 2011, Section 1606. If trusses are used, the wind load engineer is not required to prepare for the trusses and not to design the wind loads or delegate to the truss designer.

BUILDER'S RESPONSIBILITY: The builder and owner are responsible for the following, which are specifically not part of the wind engineer's scope of work:

- * Confirm that the foundation design & site conditions meet gravity load requirements (assume 1000 PSF bearing capacity unless visual observation or soil test proves otherwise)
- * Provide materials and construction techniques, which comply with FBC 2011 requirements for the stated wind velocity and design pressures.
- * Provide a continuous load path from roof to foundation. If you believe the plan omits a continuous load path connection, call the wind load engineer immediately.
- * Verify the truss engineering includes truss design, placement plans, temporary and permanent bracing details, truss-to-truss connections, and load reactions for all bearing locations.
- * Select uplight connections, walls, columns, and footings based on truss engineering bearing locations and reactions; including interior bearing walls.
- * Size headers for gravity loads; headers sized by the builder for gravity loads will also satisfy wind loads.

DOCUMENT CONTROL AND PRIORITY: Structural requirements on S-1 control unless the building code or architectural sheets have more stringent requirements. Non-structural requirements on architectural sheets control. Specific requirements take precedence over general requirements. Revision control is by the latest signature date and is the responsibility of the builder.

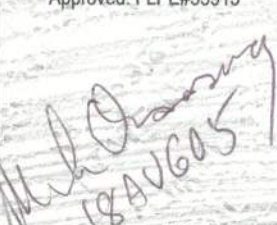
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DIMENSIONS:
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Discovsky, P.E. for resolution. Do not proceed without clarification.

WINDLOAD ENGINEER: Mark Discovsky, PE No.53915

CERTIFICATION: The attached plans and "Windload Engineering", sheet S-1, comply with FBC 2011, Section 1606 wind loads, to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location. This drawing is not valid for construction unless raised seal is affixed.

REV-27-JUL-04	
WINDLOAD ENGINEERING	
"EVERYTHING YOU NEED FOR YOUR BUILDING PERMIT"	
Mark Disosway P.E.	
POB 868, Lake City, FL 32056 Phone: (386) 754-5419	
Fax: (386) 269-4871 Email: windloadengineer@bellsouth.net	
Location: Lot 20 Emerald Lakes S/D Lake City, Florida 32025	
Spec House	
Lot 20 Emerald Lakes S/D	
Builder: Eugene Thomas Construction	
Designer:	
Approved: FLPE#53915	Revisions:
	<u>Sheet S-1 of 1 Sheet</u> Windload Engineering Job # 508166