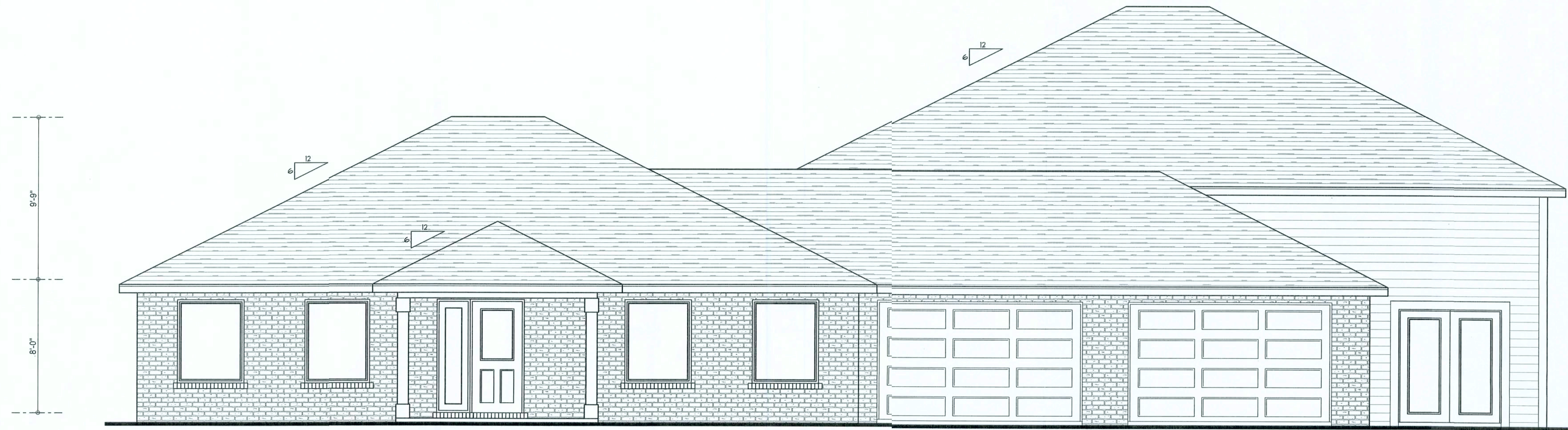


REVISIONS	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



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

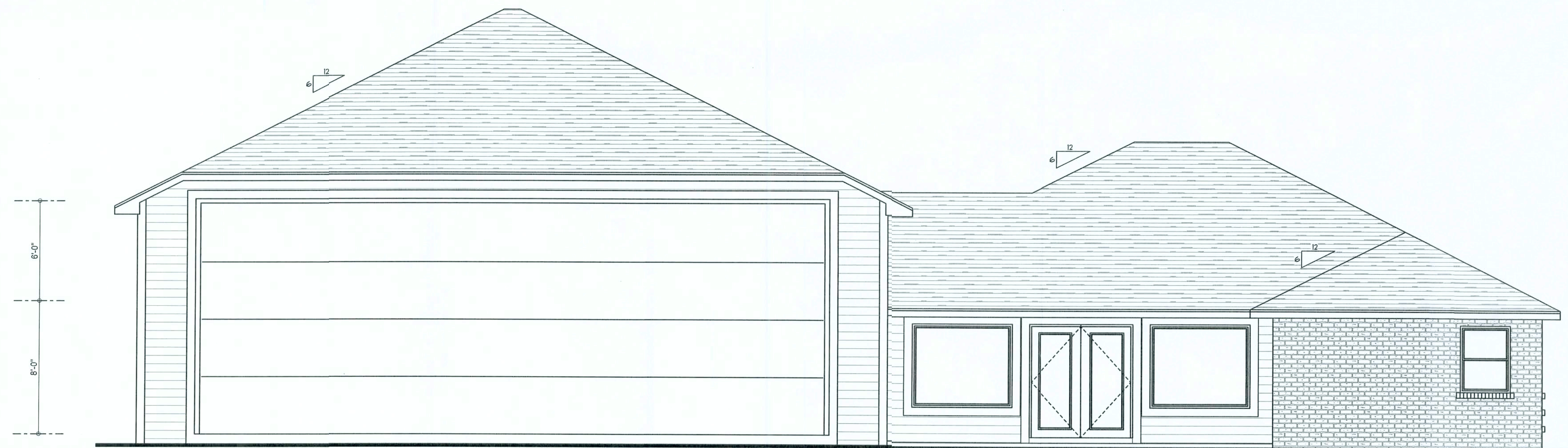
REQUIRED ROOF VENTILATION:
AS PER FLORIDA BUILDING CODE 2309.7

RIDGE VENT
MIN. 50% TOTAL VENT AREA
LOCATED IN THE UPPER PORTION OF ATTIC (MIN. 3" ABOVE EAVE)
4928 S.F. / 300 x 50% = 8 S.F. RIDGE VENT AREA REQUIRED
72 FEET OF RIDGE VENT REQUIRED

SOFFIT VENT
4928 S.F. / 300 x 50% = 8 S.F. SOFFIT VENT AREA REQUIRED
267 FEET OF SOFFIT VENT REQUIRED

BUILDER MUST VERIFY THE FOLLOWING MINIMUM NET FREE VENT AREAS:

1. RIDGE VENTS = 16 IN2/FT (.11 FT2/FT)
2. OFF-RIDGE VENTS = .70 FT2 PER 4' UNIT
3. SOFFIT VENTS = 4.3 IN2/FT (.03 FT2/FT)



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

WINDOW ENGINEER:
Mark Disosway, P.E.
No. 53915, POB 868, Lake City, FL 32056,
386-754-5419

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

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section FSB1.2.1, florida building code residential 2004, to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

MARK DISOSWAY
P.E. 53915

Mark Disosway
SEAL

William Lagoni
Residence

Permit # 20570
NEW
ADDRESS:
Lot 8 Country Landing
Cannon Creek S/D
Columbia County, Florida

Mark Disosway P.E.
P.O. Box 868
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
May 28, 2008

DRAWN BY: David Disosway
STRUCTURAL BY: Ben Sparks

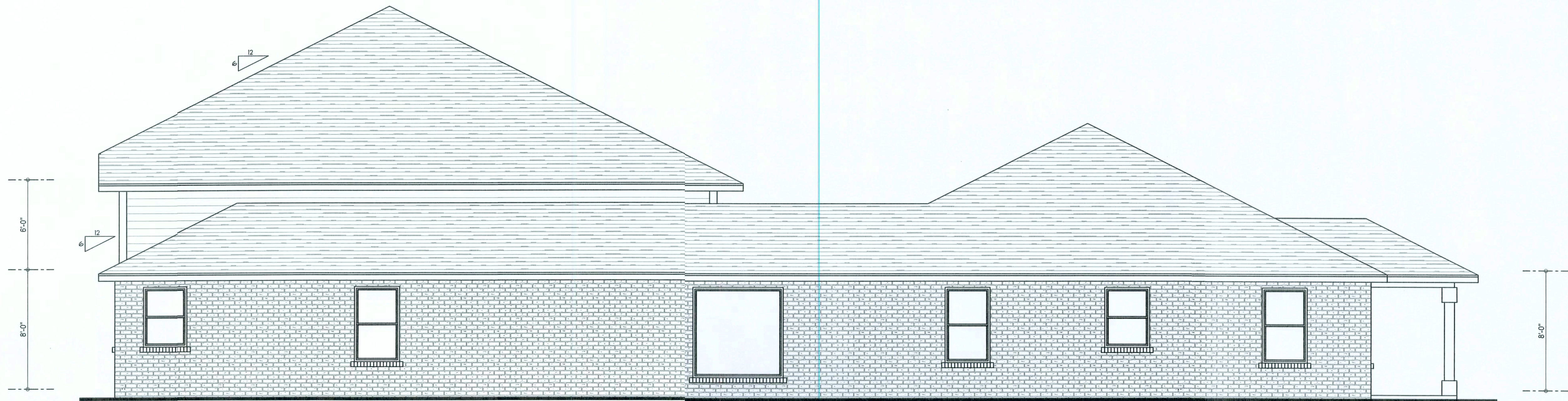
FINALS DATE:
27 / May / 08

JOB NUMBER:
708212b

DRAWING NUMBER

1

OF 7 SHEETS



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



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

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER:
Mark Disosway, P.E.
No. 53915, F-35 868, Lake City, FL 32056,
386-754-5419

DIMENSIONS:
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dimensions. Refer all questions to
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Do not proceed without clarification.

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portions of the plan, relating to
wind engineering comply with section
R301.2.1, Florida building code
residential 2004
to the best of my knowledge.

LIMITATION: This design is valid for one
building, at specified location.

MARK DISOSWAY
P.E. 53915

Mark Disosway
28 MAY 2008
SEAL

William Lagoni
Residence

ADDRESS:
Lot 8 Country Landing
Cannon Creek S/D
Columbia County, Florida

Mark Disosway P.E.
P.O. Box 868
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Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
May 28, 2008

DRAWN BY: STRUCTURAL BY:
David Disosway Ben Sparks

FINALS DATE:
27 / May / 08

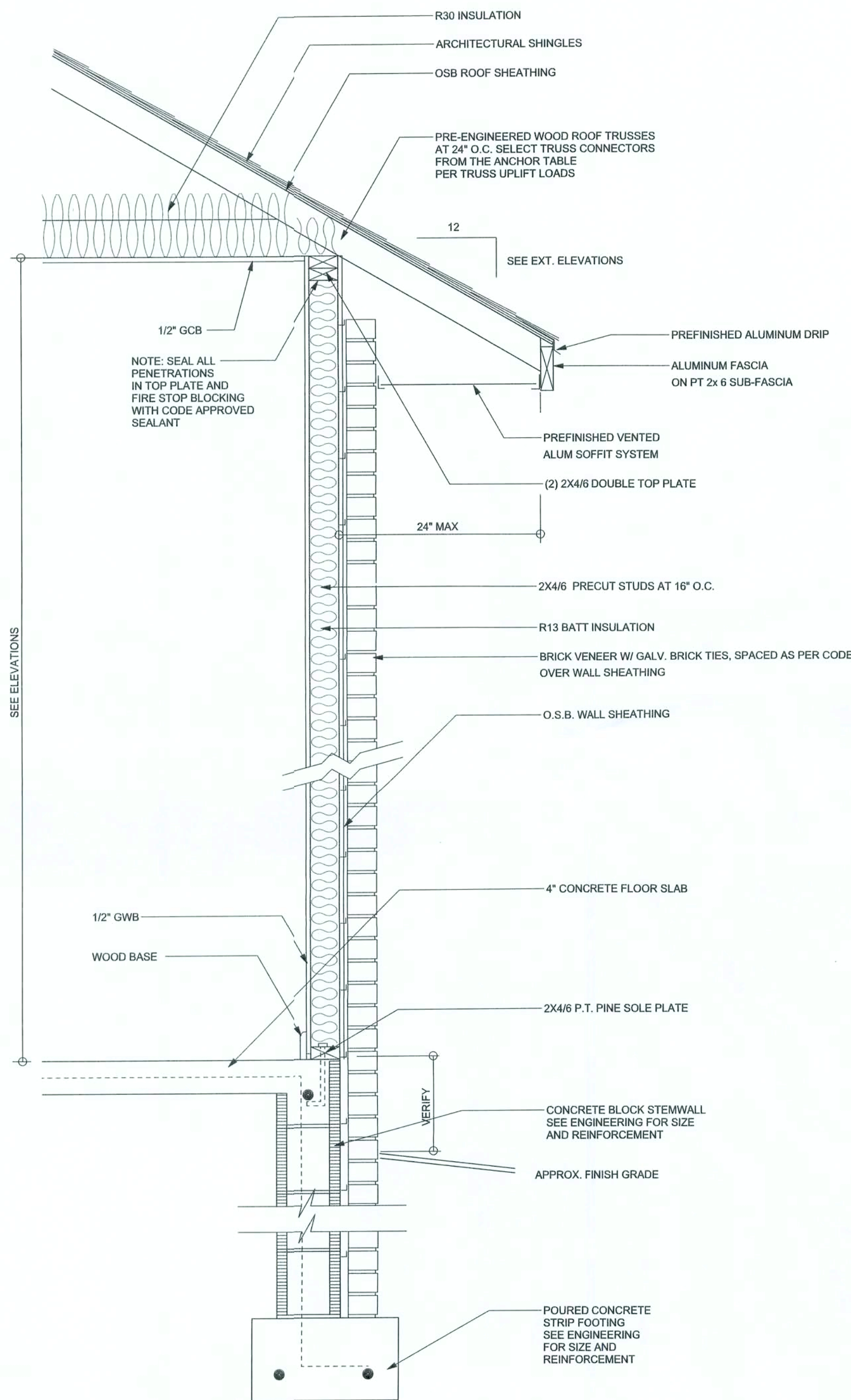
JOB NUMBER:
708212b

DRAWING NUMBER

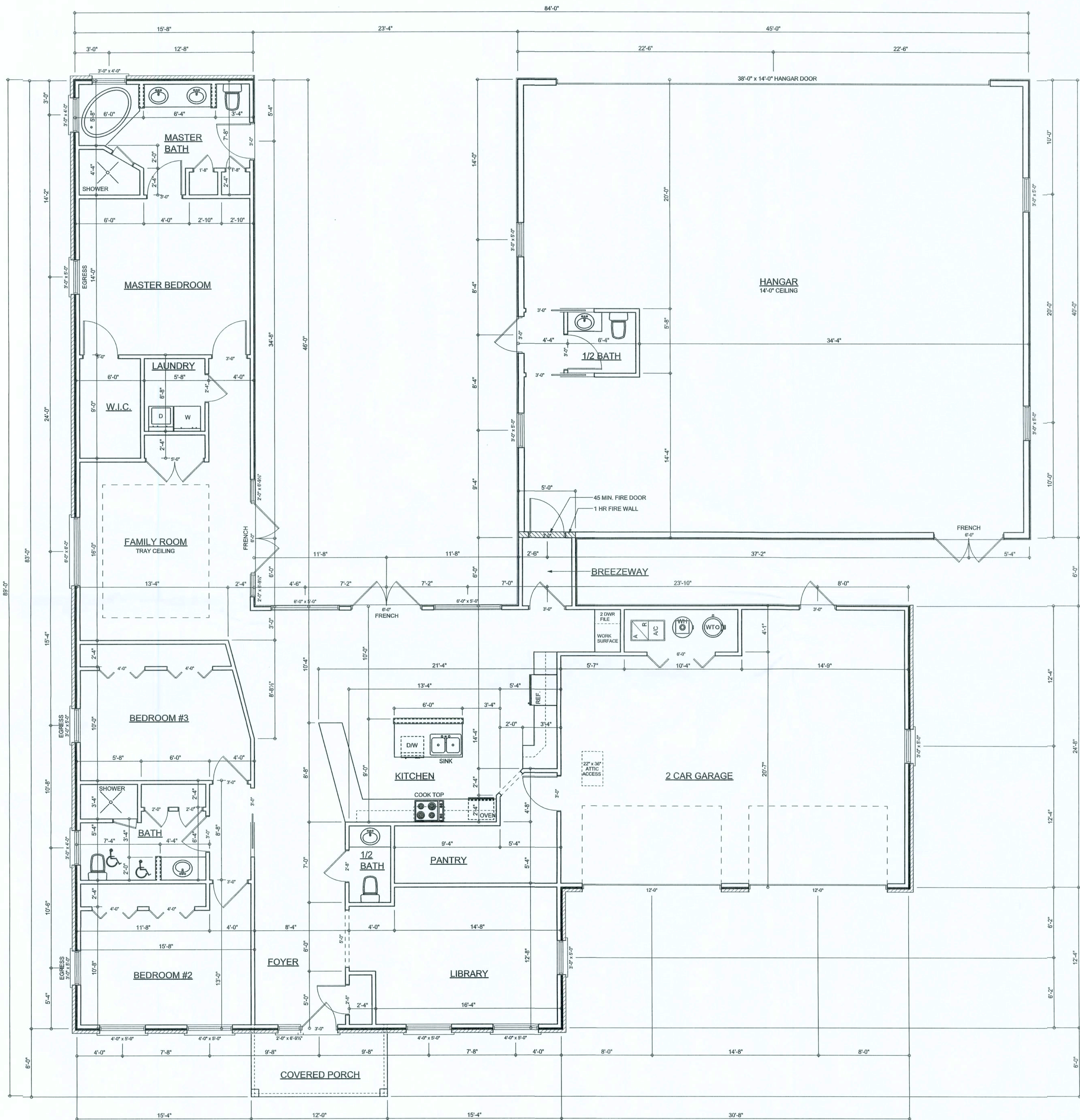
2

OF 7 SHEETS

GA FILE NO. WP 3605	GENERIC	1 HOUR FIRE	30 TO 34 STC SOUND
GYPSUM WALLBOARD, WOOD STUD ONE LAYER 5/8" TYPE X PLAIN OR PREDECORATED GYPSUM WALLBOARD, WATER-RESISTANT GYPSUM BACKING BOARD, OR GYPSUM VENEER BASE APPLIED PARALLEL TO EACH SIDE OF 2x4 WOOD STUDS 16" oc w/ 6d COATED NAILS, 1 7/8" LONG, 0.0137" SINK, 14" HEADS, 7" oc JOINTS OF SQUARE EDGE, BEVEL EDGE OR PREDECORATED WALLBOARD MAY BE LEFT EXPOSED JOINTS STAGGERED 16" ON OPPOSITE SIDES. (LOAD-BEARING)			
		THICKNESS: APPROX. WEIGHT: FIRE TEST: SOUND TEST:	4 7/8" 7 psf UL R1319-4, 6, 8-17-52; UL R2717-39, 1-20-66; UL R3501-52, 3-15-66; UL DESIGN L005; ULC DESIGN W 301 OR 64-6, 2-4-64



TYPICAL DESIGN WALL SECTION
NON - STRUCTURAL DATA
SCALE: 1\"/>



FLOOR PLAN
SCALE: 3/16\"/>

AREA SUMMARY		
LIVING AREA	2324	S. F.
GARAGE AREA	731	S. F.
PORCH AREA	72	S. F.
BREEZEWAY AREA	30	S. F.
HANGER AREA	1800	S. F.
TOTAL AREA	4957	S. F.

REVISIONS

SOFTPLAN

ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER:

Mark Disoway, P.E.

No. 53915, P.O.B. 868, Lake City, FL 32056,

(386) 754-5419

DIMENSIONS:

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

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CERTIFICATION:

I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section R301.2.1, Florida building code, residential 2004, to the best of my knowledge.

LIMITATION:

This design is valid for one building, at specified location.

MARK DISOWAY

P.E. 53915

[Signature]

29 May 2006

SEAL

William Lagoni

Residence

ADDRESS:

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Cannon Creek S/D

Columbia County, Florida

Mark Disoway P.E.

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Lake City, Florida 32056

Phone: (386) 754 - 5419

Fax: (386) 269 - 4871

PRINTED DATE:

May 29, 2006

DRAWN BY:

David Disoway

STRUCTURAL BY:

Ben Sparks

FINALS DATE:

27 / May / 08

JOB NUMBER:

708212b

DRAWING NUMBER

3

OF 7 SHEETS

REVISIONS			

SOTIRAN
ARCHITECTURAL FIRM, INC.

WINDLOAD ENGINEER:
MARK DISOSWAY, P.E.
No. 32915, P.O. Box 888, Lake City, FL 32056,
FLORIDA

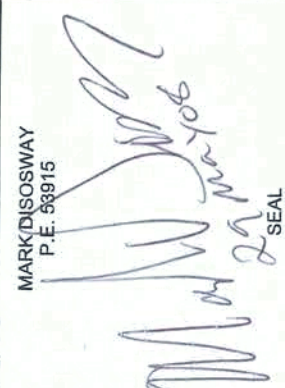
DESIGNER:
SOTIRAN ARCHITECTURAL FIRM, INC.
Mark Disosway, P.E. for installation.
Do not proceed without certification.

NOTES:
1. This plan is for the use of the owner only.
2. Mark Disosway, P.E. hereby certifies that this plan was prepared by him or under his direct supervision and that he is a duly licensed Professional Engineer in the State of Florida.
3. This plan is not to be reproduced, altered or used in any way without the written permission and consent of the engineer.

CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable provisions of the Florida Building Code, which engineering comply with section residential 2004, are in accordance with the building code to the best of my knowledge.

Mark Disosway
P.E. 32915

MARK DISOSWAY
P.E. 32915



**William Lagoni
Residence**

ADDRESS:
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Columbia County, Florida

Mark Disosway P.E.
P.O. Box 888
Lake City, Florida 32056
Phone: (386) 738-4419
Fax: (386) 269-4871

PRINTED DATE:
May 28, 2008

DRAWN BY:
David Disosway

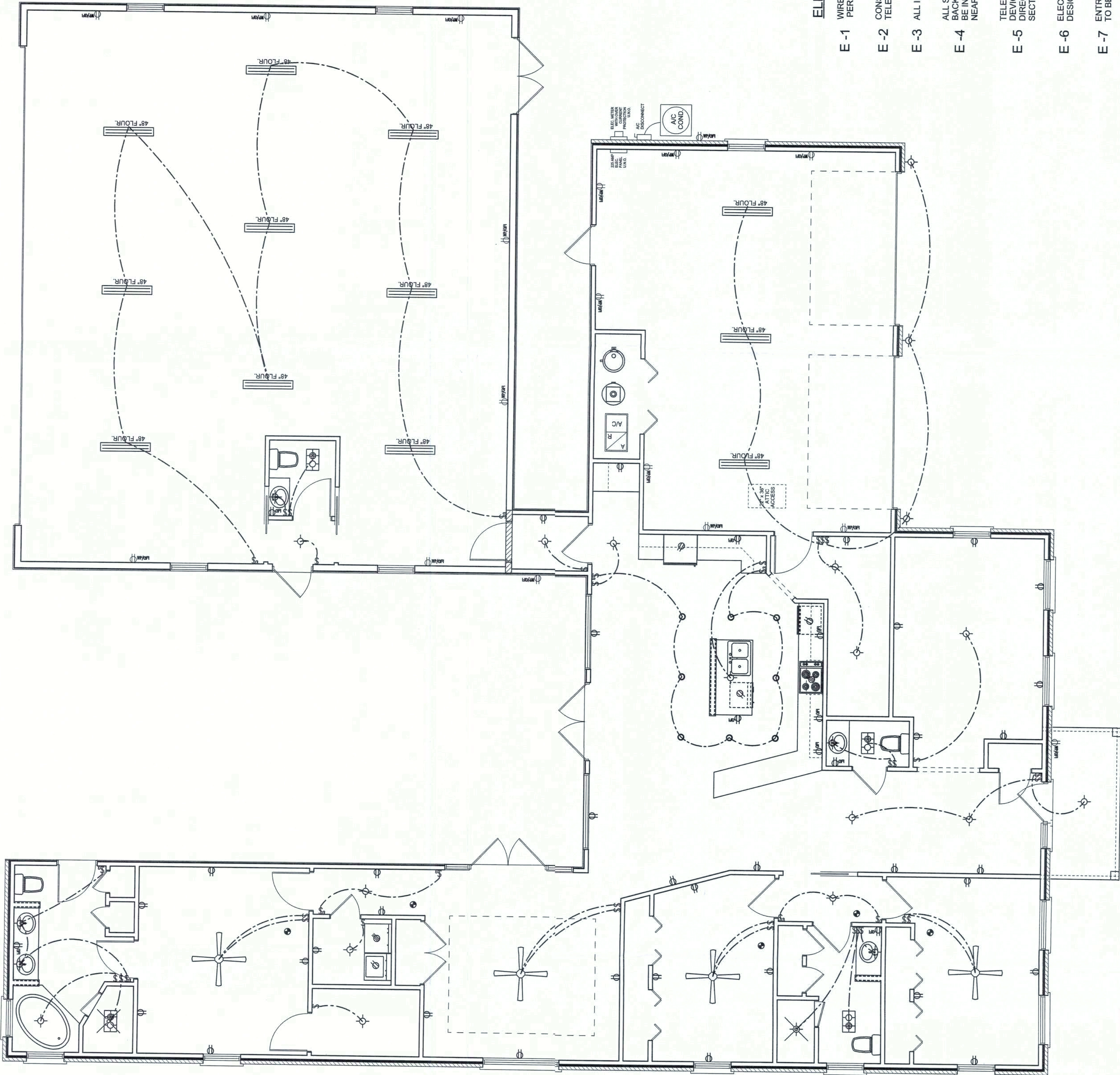
STRUCTURAL BY:
Ben Spinks

FINALS DATE:
27 / May / 08

JOB NUMBER:
708212b

DRAWING NUMBER
4

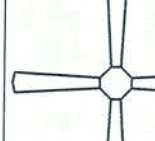
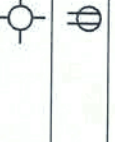
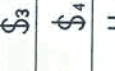
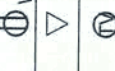
OF 7 SHEETS

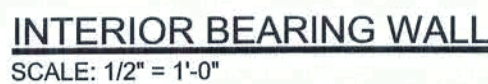


ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

ELECTRICAL PLAN NOTES

- E -1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- E -2 CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- E -3 ALL INSTALLATIONS SHALL BE PER NATL. ELECTRIC CODE
- E -4 ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP. DETECTORS SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E -5 TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR CONDUCTORS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE AS APPLICABLE SECTIONS OF NEC-LATEST EDITION.
- E -6 ELECTRICAL CONTRL SHALL BE RESPONSIBLE FOR THE DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E -7 ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD) TO BE DETERMINED BY POWER COMPANY.
- E -8 ALL BEDROOM RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT)
- E -9 ALL OUTLETS TO BE LOCATED ABOVE BASE FLOOD ELEVATION
- E -10 A SERVICE DISCONNECT WITH OVER CURRENT PROTECTION SHALL BE INSTALLED OUTSIDE OF THE BUILDING, ON THE SERVICE ENTRANCE CONDUCTORS. ALL ELECTRICAL CONDUCTORS ENTER THE BUILDING. SERVICE ENTRANCE CONDUCTORS MAY NOT BE LOCATED INSIDE OF THE BUILDING WITHOUT SPECIAL APPROVAL OF THE BUILDING OFFICIAL.

	ELECTRICAL LEGEND
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	2X4 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT
	BATH EXHAUST FAN WITH LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220V OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR
	WALL SWITCH
	3 WAY WALL SWITCH
	4 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	PHONE JACK
	TELEVISION JACK
	GARAGE DOOR OPENER
	WALL HEATER



EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS

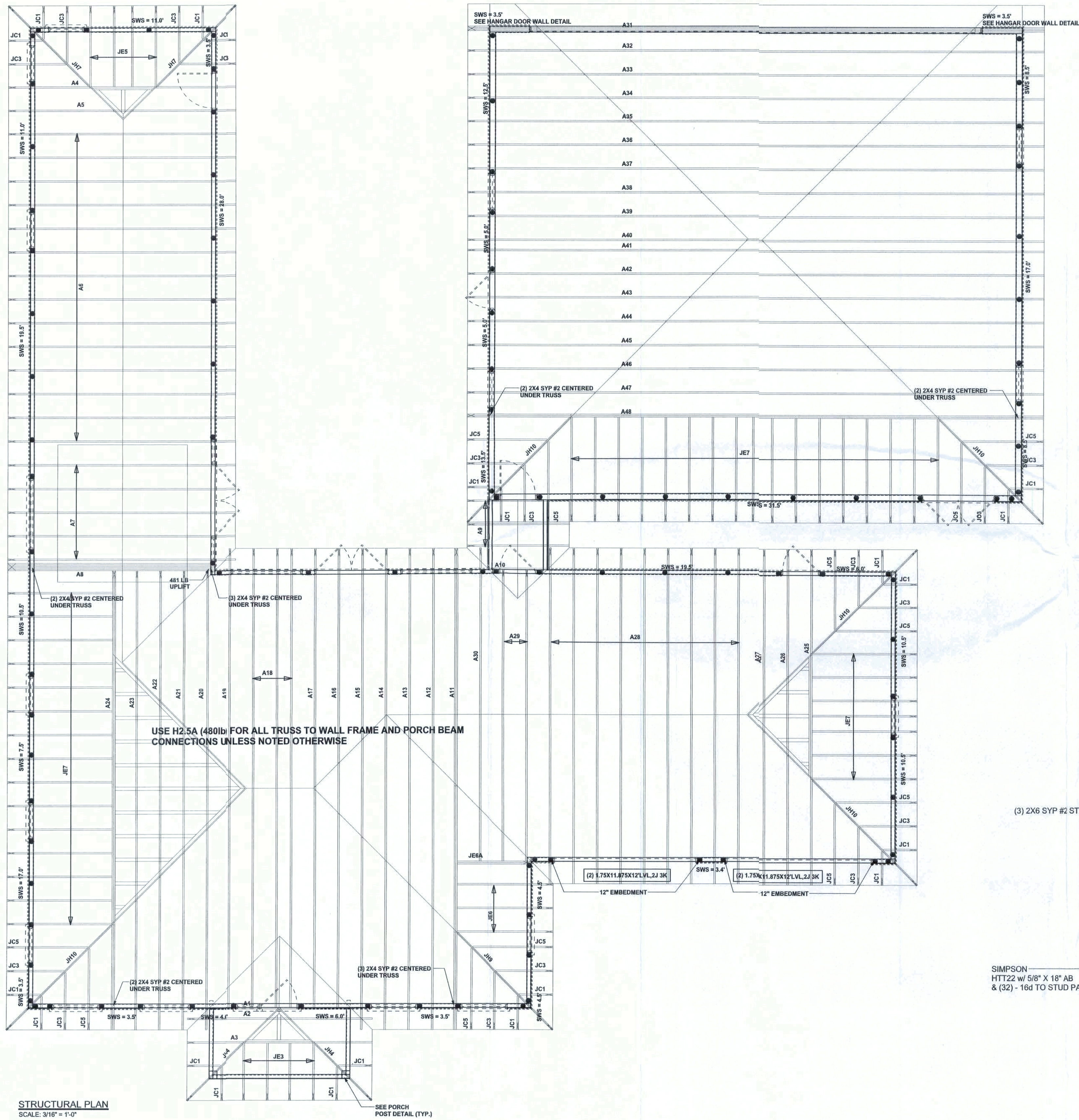
THIS STUD HEIGHT TABLE IS PER WFCM 2001, TABLE 3.20B, EXTERIOR LOAD BEARING & NO LOAD BEARING STUD LENGTHS RESISTING INTERIOR ZONE WINDLOADS 110 MPH EXPOSURE B. STUD SPACINGS SHALL BE MULTIPLIED BY 0.85 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. EXAMPLE 16" O.C. $\times 0.85 = 13.6"$ O.C.



SUPPORTIVE CENTER POST TO BEAM DETAIL
SCALE: N.T.S.

NAILS: ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED OR ACCEPTED BY FBC TEST REPORTS AS HAVING EQUAL STRUCTURAL VALUES.

OF 7 SHEETS



STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP#2 (U.N.G.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.G.)
- SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-4 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BC51-103, BC51-81, BC51-82, & BC51-83. BC51-81, BC51-82, & BC51-83 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

WALL LEGEND

SWS = 0.0'	1ST FLOOR EXTERIOR WALL
SWS = 0.0'	2ND FLOOR EXTERIOR
IBW	1ST FLOOR INTERIOR BEARING WALL
IBW	2ND FLOOR INTERIOR BEARING WALL

TOTAL SHEAR WALL SEGMENTS (HOUSE)

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS	REQUIRED	ACTUAL
TRANSVERSE	37.0'	120.0'
LONGITUDINAL	31.0'	56.0'

TOTAL SHEAR WALL SEGMENTS (HANGER)

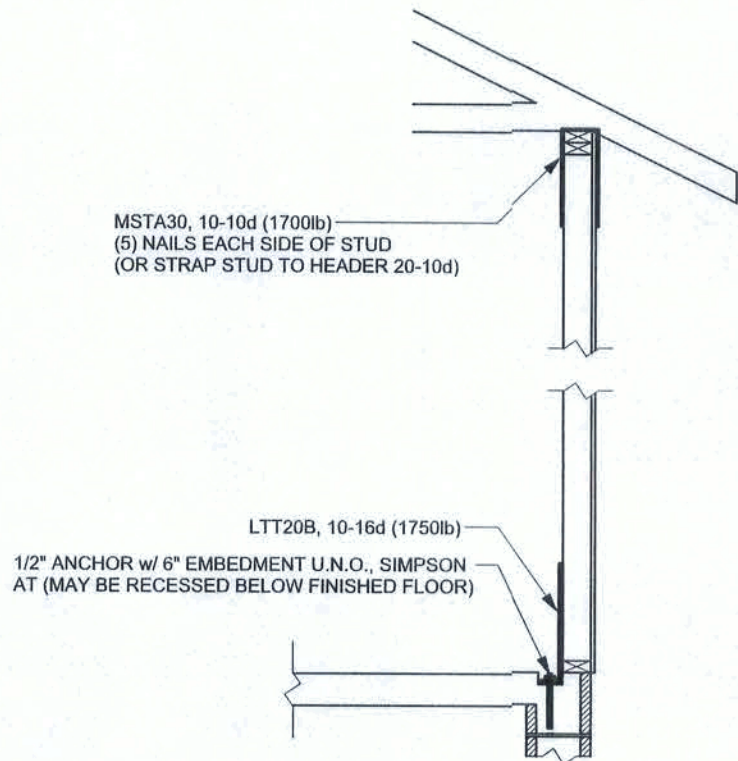
SWS = 0.0' INDICATES SHEAR WALL SEGMENTS	REQUIRED	ACTUAL
TRANSVERSE	32.0'	70.0'
LONGITUDINAL	14.0'	37.0'

THREADED ROD LEGEND

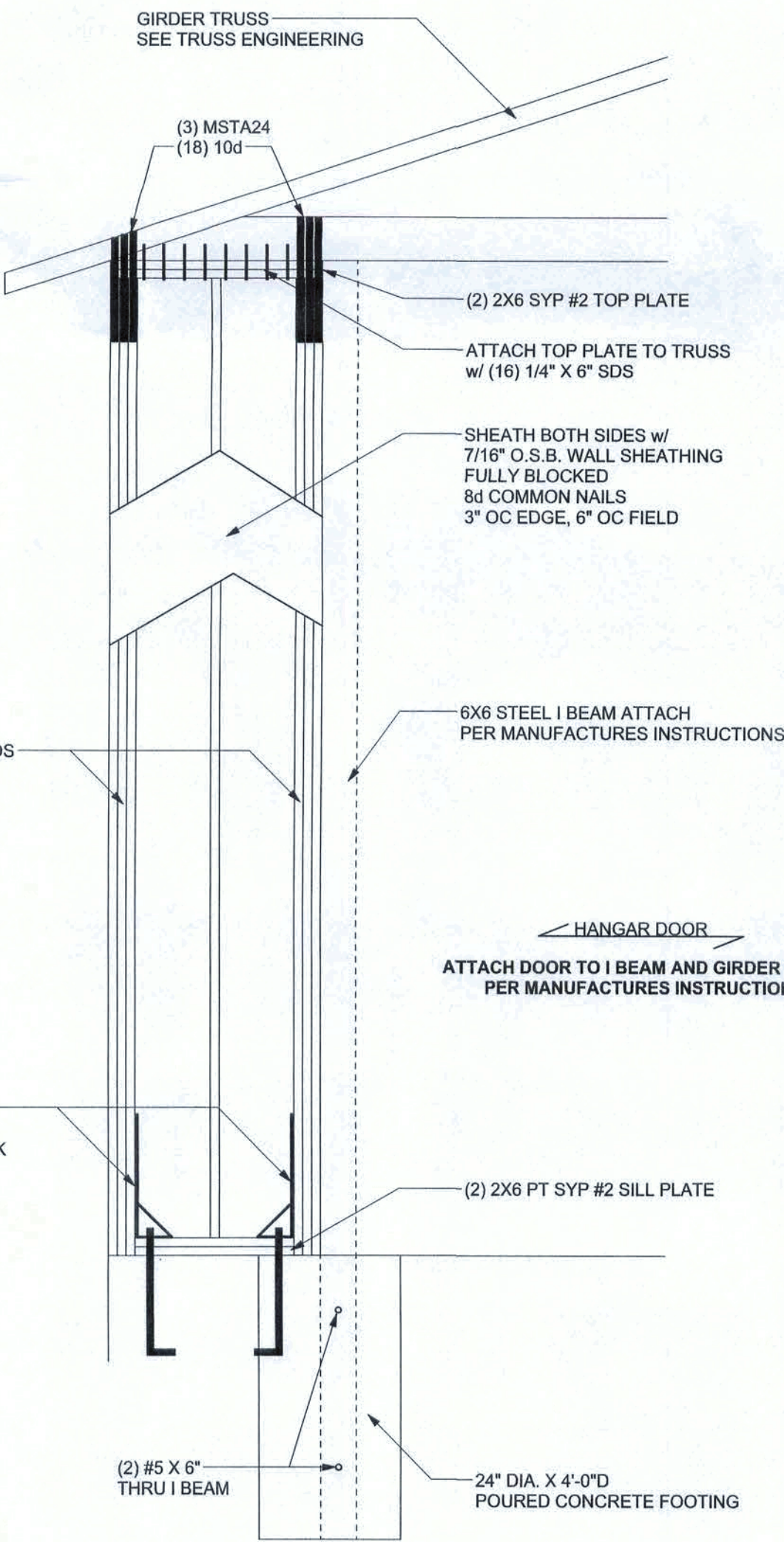
- INDICATES LOCATION OF:
1ST FLOOR 1/2" A307 ALL THREADED ROD
- INDICATES LOCATION OF:
2ND FLOOR 1/2" A307 ALL THREADED ROD

HEADER LEGEND

- (2) 2X12X2' L1 1K → HEADER/BEAM CALL-OUT (U.N.G.)
- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF FLIES IN HEADER



ALTERNATE WALL TIE CONNECTION WHERE
THREADED ROD CANNOT BE PLACED IN WALL.
SCALE: 1/2" = 1'-0"



HANGER DOOR WALL DETAIL

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

BUILDER MUST VERIFY THAT TRUSS ENGINEER LOADS
GABLE GIRDER FOR SHEARWALL LOADS AS FOLLOWS:

	VERTICAL				HORIZONTAL	
	0'	3'	45'	48'	0-3'	45-48'
CASE #1	-4000 LB	+4000 LB	-4000 LB	+4000 LB	+2000 LB	+2000 LB
CASE #2	+4000 LB	-4000 LB	+4000 LB	-4000 LB	-2000 LB	-2000 LB

HORIZONTAL LOADS ARE DRAG LOADS INTO BOTTOM CHORD & OUT THE TOP CHORD.
LEFT TO RIGHT IS POSITIVE

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER, W.B. HOWLAND TRUSS CO.
JOB #5119

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER:
Mark Disosway, P.E.
No. 53915, P.O. Box 868, Lake City, FL 32056,
386-754-5419

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

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portions of the plan, relating to
wind engineering comply with section
R301.2.1, Florida building code
residential 2004,
to the best of my knowledge.

LIMITATION: This design is valid for one
building, at specified location.

MARK DISOSWAY
P.E. 53915

Seal of Mark Disosway, P.E. 53915, dated 2/24/08.

William Lagoni
Residence

ADDRESS:
Lot 8 Country Landing
Cannon Creek S/D
Columbia County, Florida

Mark Disosway P.E.
P.O. Box 868
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
May 28, 2008

DRAWN BY: David Disosway

STRUCTURAL BY: Ben Sparks

FINALS DATE:
27 / May / 08

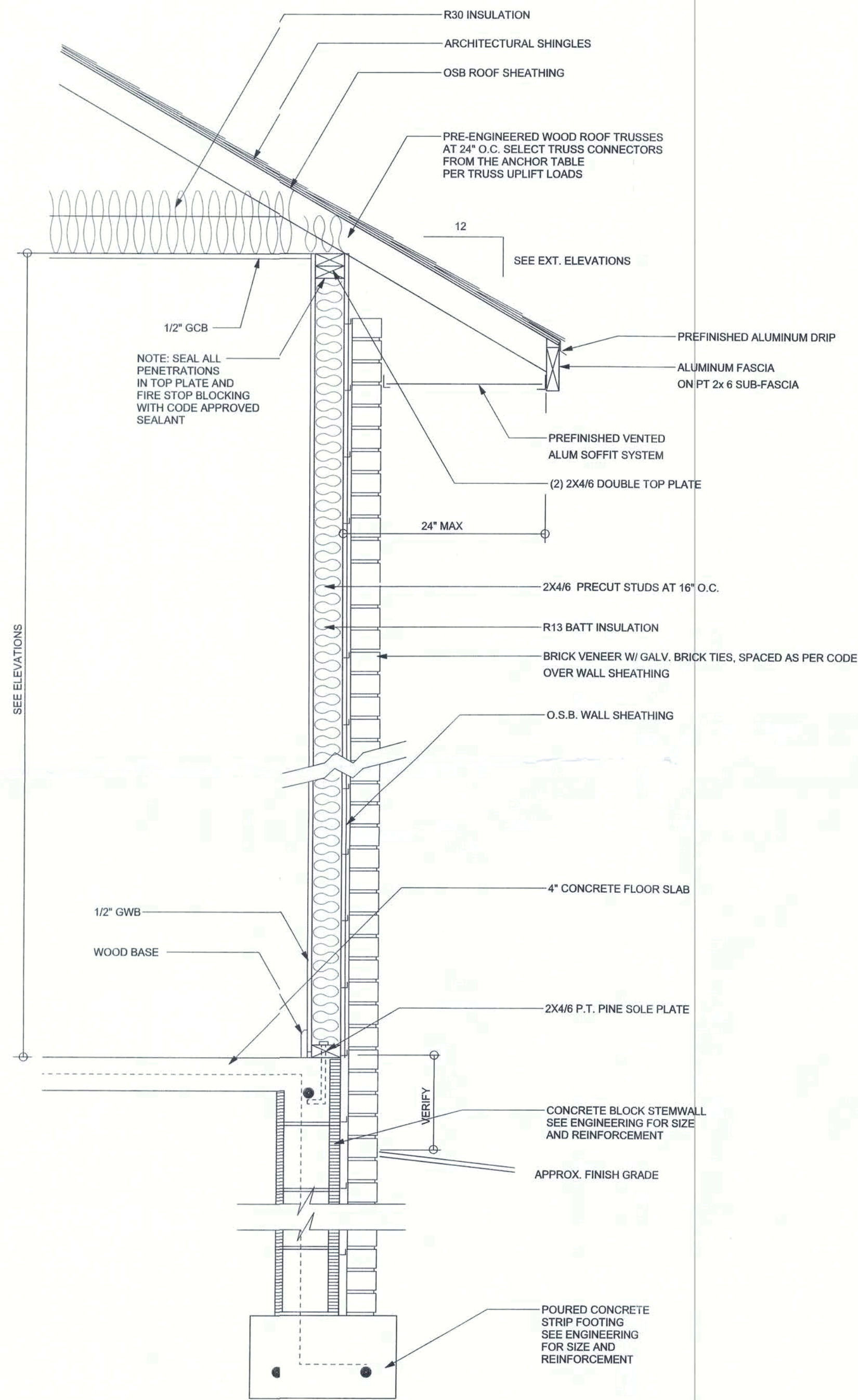
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708212b

DRAWING NUMBER

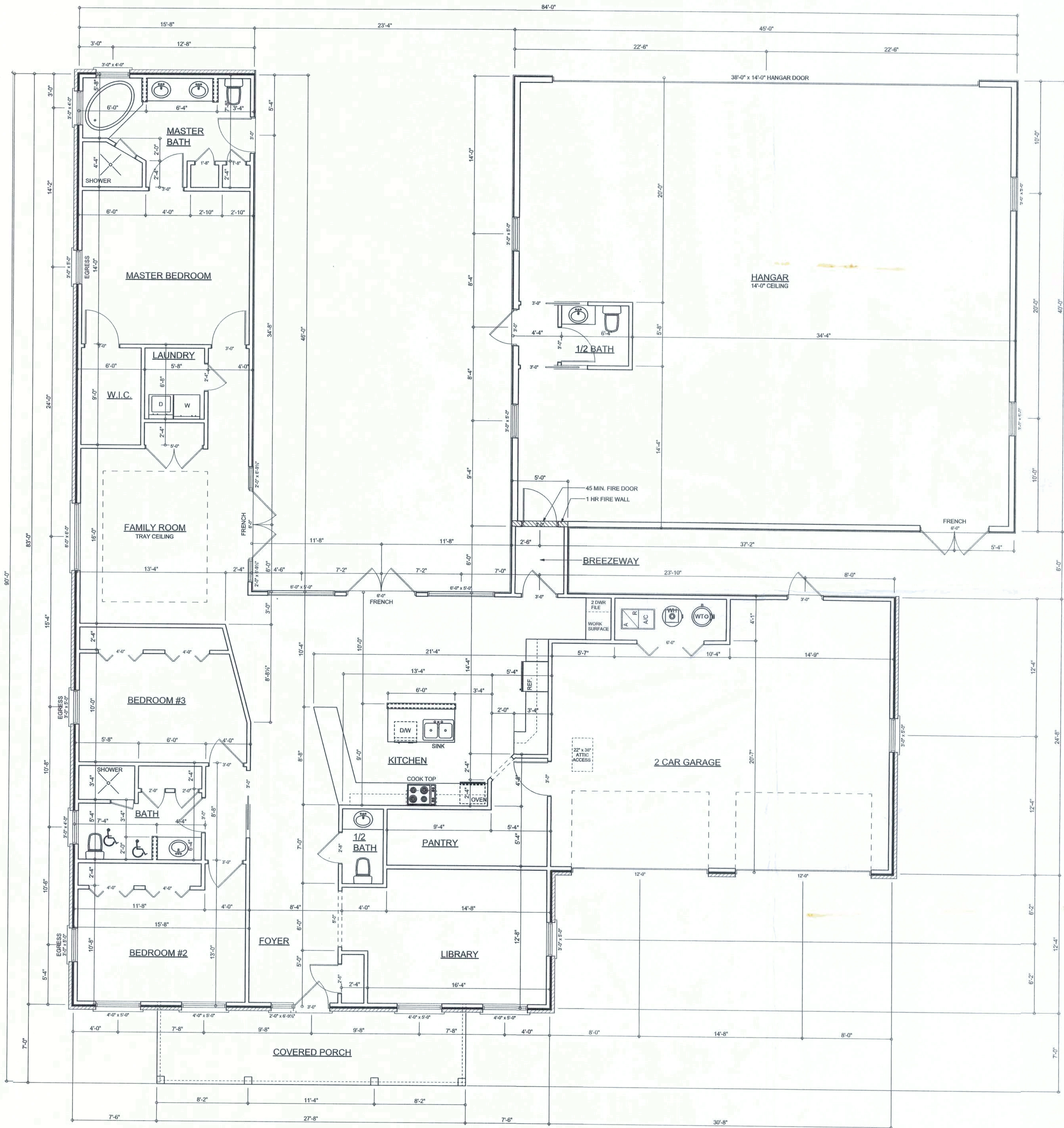
S-3

OF 7 SHEETS

GA FILE NO. WP 3605	GENERIC	1 HOUR FIRE	30 TO 34 STC SOUND
GYP-SUM WALLBOARD, WOOD STUDS ONE LAYER 5/8" TYPE X PLAIN OR PREDECORATED GYP-SUM WALLBOARD, WATER-RESISTANT GYP-SUM BACKING BOARD, OR GYP-SUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 2x4 WOOD STUDS 16" oc w/ 6d COATED NAILS, 1 7/8" LONG, 0.019" SHANK, 1/4" HEADS, 7" oc JOINTS OF SQUARE EDGE, BEVEL EDGE OR PREDECORATED WALLBOARD MAY BE LEFT EXPOSED JOINTS STAGGERED 16" ON OPPOSITE SIDES. (LOAD-BEARING)			
THICKNESS: 4 7/8"		FIRE TEST: UL R1310-4, -6, 6-17-82; UL E2717-39, 1-20-86; UL R3501-52, 3-15-86; UL DESIGN L105; ULC DESIGN W 301 OR 64-6, 2-4-84	
SOUND TEST:			



TYPICAL DESIGN WALL SECTION
NON - STRUCTURAL DATA
 SCALE: 1" = 1'-0"



FLOOR PLAN
 SCALE: 3/16" = 1'-0"
 ALL CEILING HEIGHTS TO BE 8'-0" UNLESS NOTED OTHERWISE

Garage fire separations shall comply with the following:

- The private garage shall be separated from the dwelling unit and the auto area by means of a minimum 1/2" (1/2" min) gypsum board applied to the garage side. Gypsum board shall be installed in a manner that allows for expansion and contraction of the board. The board shall be secured with 1/4" x 3" galvanized nails or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not less than 1 3/8" thick. 2 1/2" heavy duty doors in compliance with Section 715.3.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.
- Doors in a private garage and doors penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019 inch (0.019 min) steel sheet and shall have no openings into the garage.
- A separation is not required between a Group B-3 and U-1 carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.

AREA SUMMARY		
LIVING AREA	2324	S. F.
GARAGE AREA	731	S. F.
PORCH AREA	194	S. F.
BREEZEWAY AREA	30	S. F.
HANGER AREA	1800	S. F.
TOTAL AREA	5079	S. F.

REVISIONS	
18Sep08	

SOFTPLAN
 ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER:
 Mark Disoway, P.E.
 No. 53915, P.O. Box 868, Lake City, FL 32056,
 386-754-5419

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

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section F501.2.1, Florida building code residential 2004, to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

MARK DISOWAY
 P.E. 53915
 18Sep08
 SEAL

Building Permit# 26570
 William Lagoni
 Residence

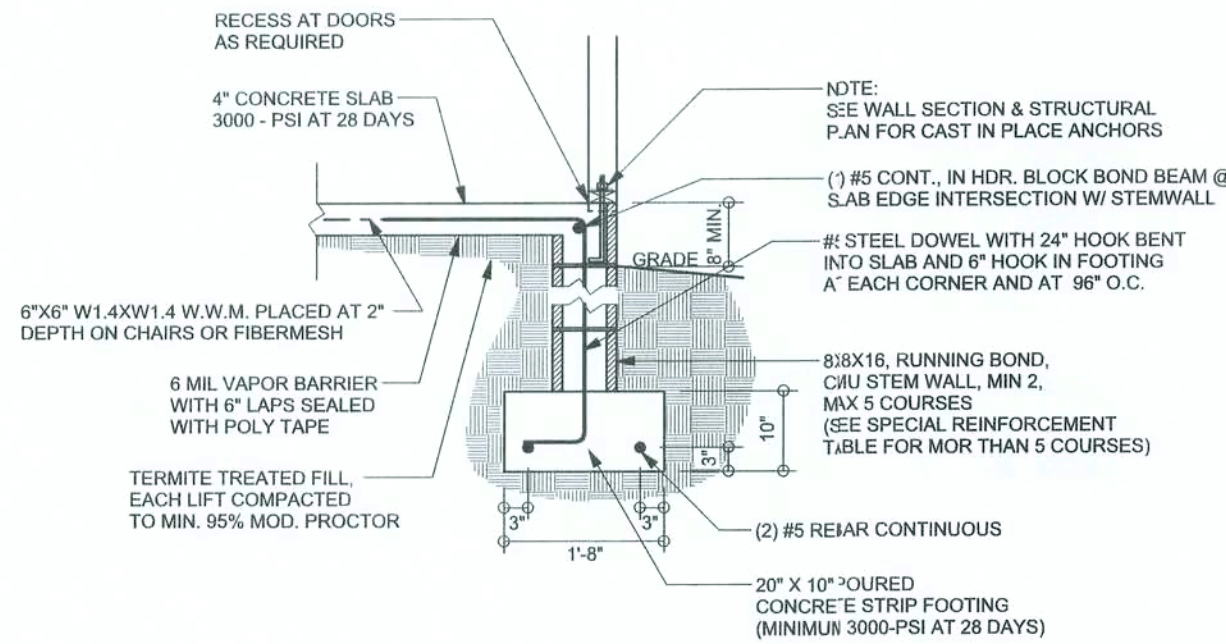
ADDRESS:
 Lot 8 Country Landing
 Cannon Creek S/D
 Columbia County, Florida

Mark Disoway P.E.
 P.O. Box 868
 Lake City, Florida 32056
 Phone: (386) 754 - 5419
 Fax: (386) 269 - 4871

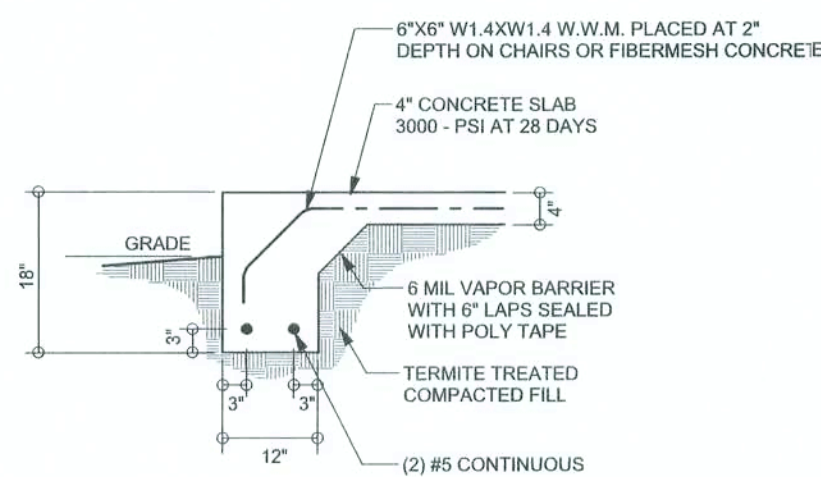
PRINTED DATE:
 September 18, 2008
DRAWN BY: David Disoway
STRUCTURAL BY: Ben Sparks

FINALS DATE:
 27 / May / 08

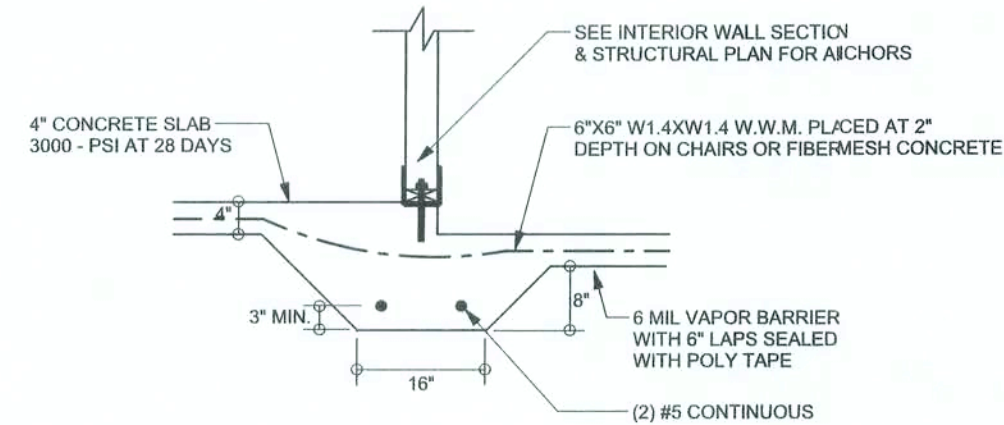
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DRAWING NUMBER



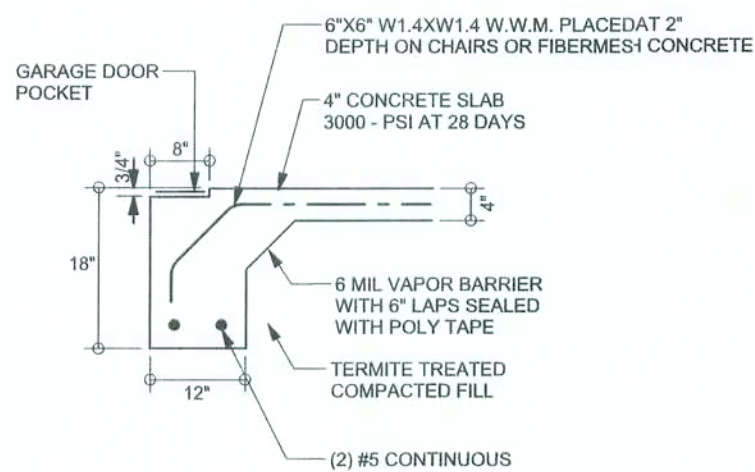
F9
S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



F1
S-2 MONOLITHIC FOOTING
SCALE: 1/2" = 1'-0"



F3
S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"

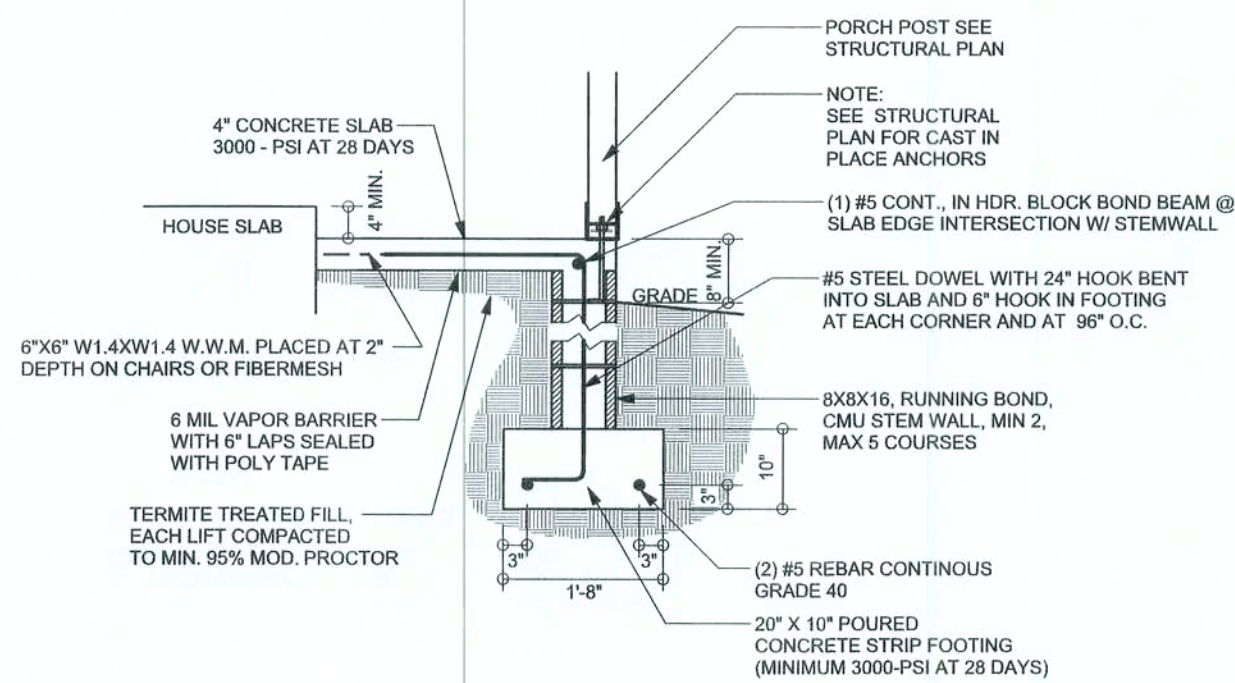


F4
S-2 GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"

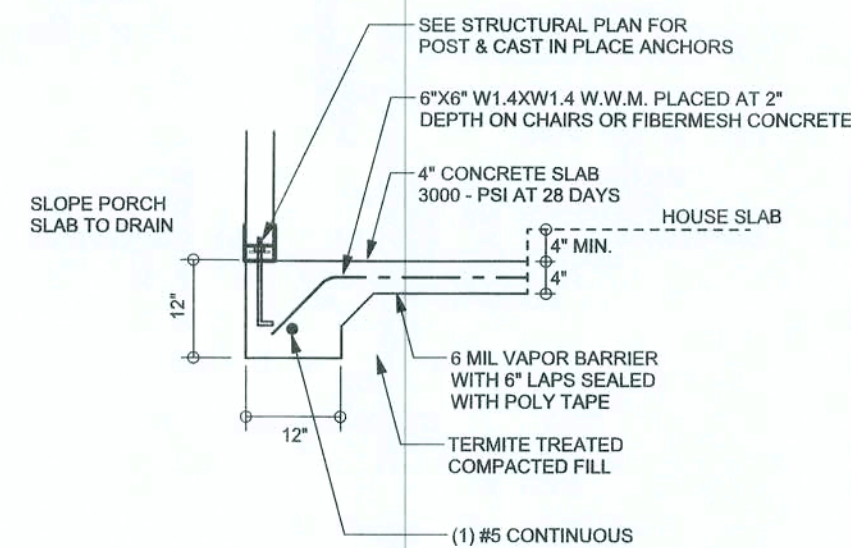
TALL STEM WALL TABLE

The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add D-wall ladder reinforcement at 18" O.C. vertically or a horizontal bond beam with 1#5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

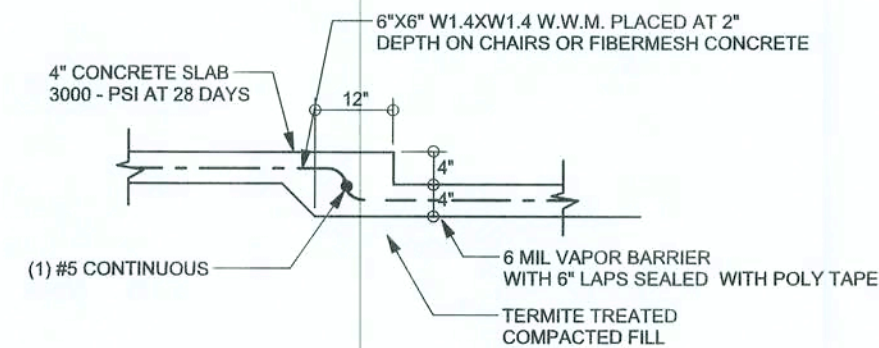
STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48



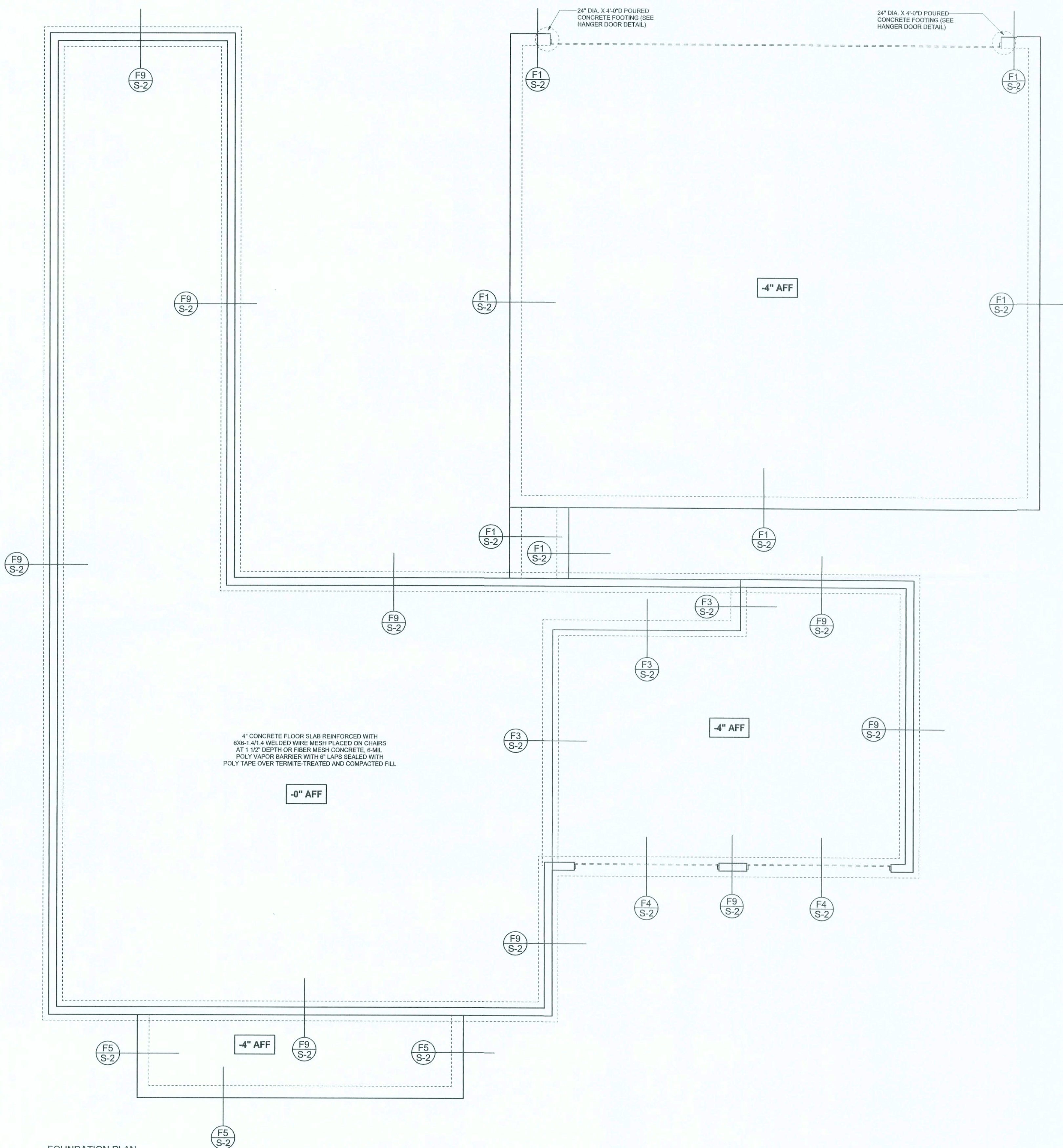
F12
S-2 ALT. STEM WALL PORCH FOOTING
SCALE: 1/2" = 1'-0"



F5
S-2 PORCH FOOTING
SCALE: 1/2" = 1'-0"



F6
S-2 TYPICAL NON-BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"



FOUNDATION PLAN
SCALE: 3/16" = 1'-0"
DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

REVISIONS

18Sep08

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER:
Mark Disoway, P.E.
No. 53915, F.S.B. 868, Lake City, FL 32056,
386-754-5419

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

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with section FDOT 2.1, Florida building code residential 2004, to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

MARK DISOWAY
P.E. 53915

18Sep08
SEAL

William Lagoni
Residence

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Phone: (386) 754 - 5419
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PRINTED DATE:
September 18, 2008

DRAWN BY: David Disoway
STRUCTURAL BY: Ben Sparks

FINALS DATE:
27 / May / 08

JOB NUMBER:
708212b

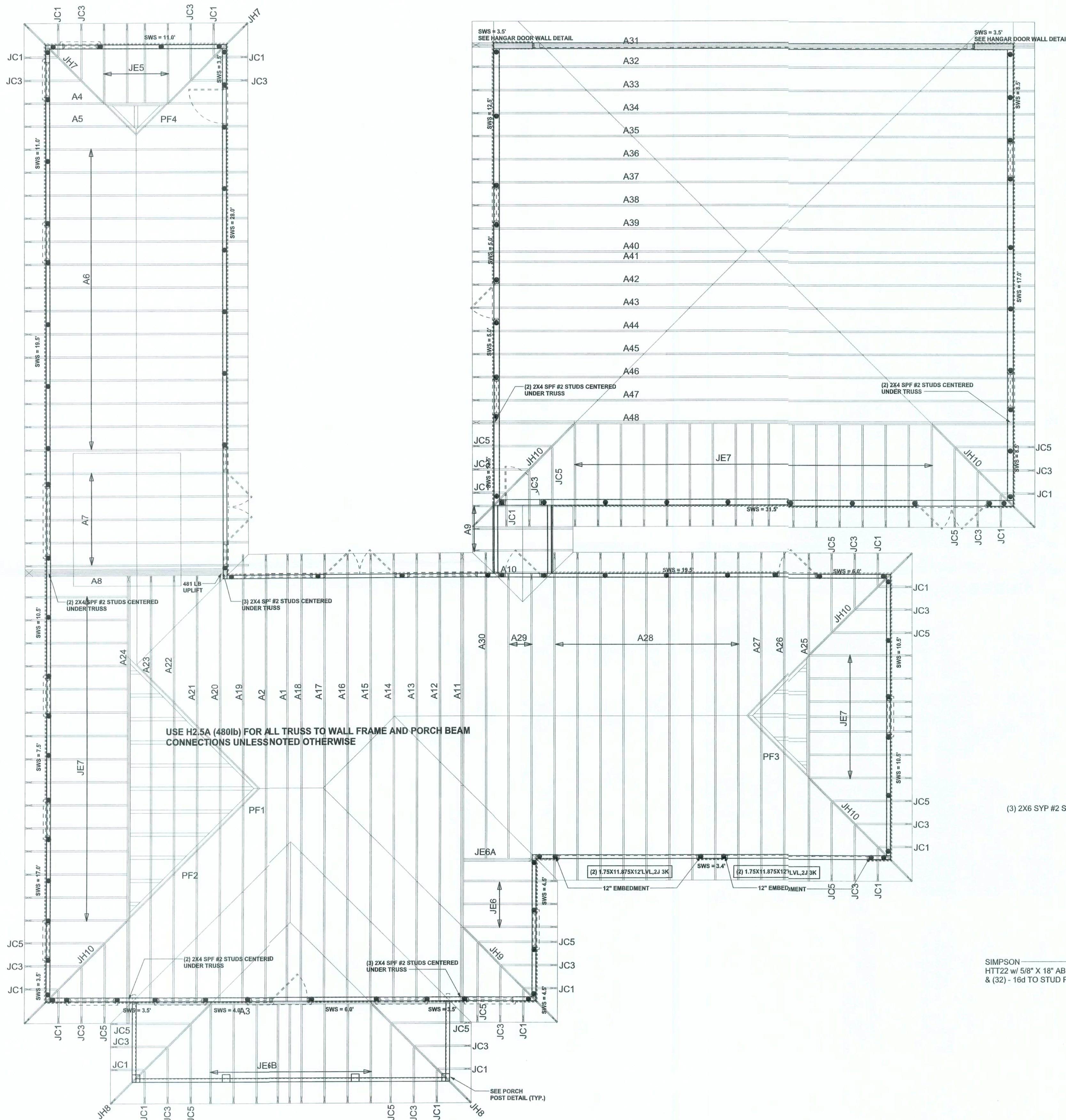
DRAWING NUMBER

S-2

OF 7 SHEETS

REVISIONS	
18Sep08	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



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

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP#2 (U.N.G.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.G.)
- SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-4 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BC31-103, BC31-81, BC31-82, & BC31-83. BC31-81, BC31-82, & BC31-83 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

WALL LEGEND

SWS = 0.0'	1ST FLOOR EXTERIOR WALL
SWS = 0.0'	2ND FLOOR EXTERIOR
IBW	1ST FLOOR INTERIOR BEARING WALL
IBW	2ND FLOOR INTERIOR BEARING WALL

TOTAL SHEAR WALL SEGMENTS (HOUSE)

	REQUIRED	ACTUAL
TRANSVERSE	37.0'	120.5'
LONGITUDINAL	31.5'	56.9'

TOTAL SHEAR WALL SEGMENTS (HANGER)

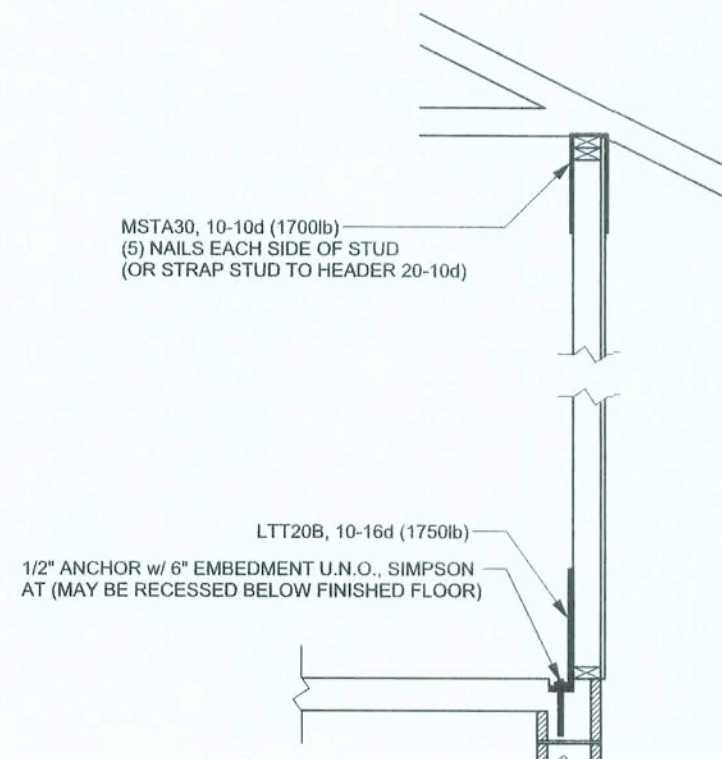
	REQUIRED	ACTUAL
TRANSVERSE	32.0'	70.0'
LONGITUDINAL	14.5'	37.5'

THREADED ROD LEGEND

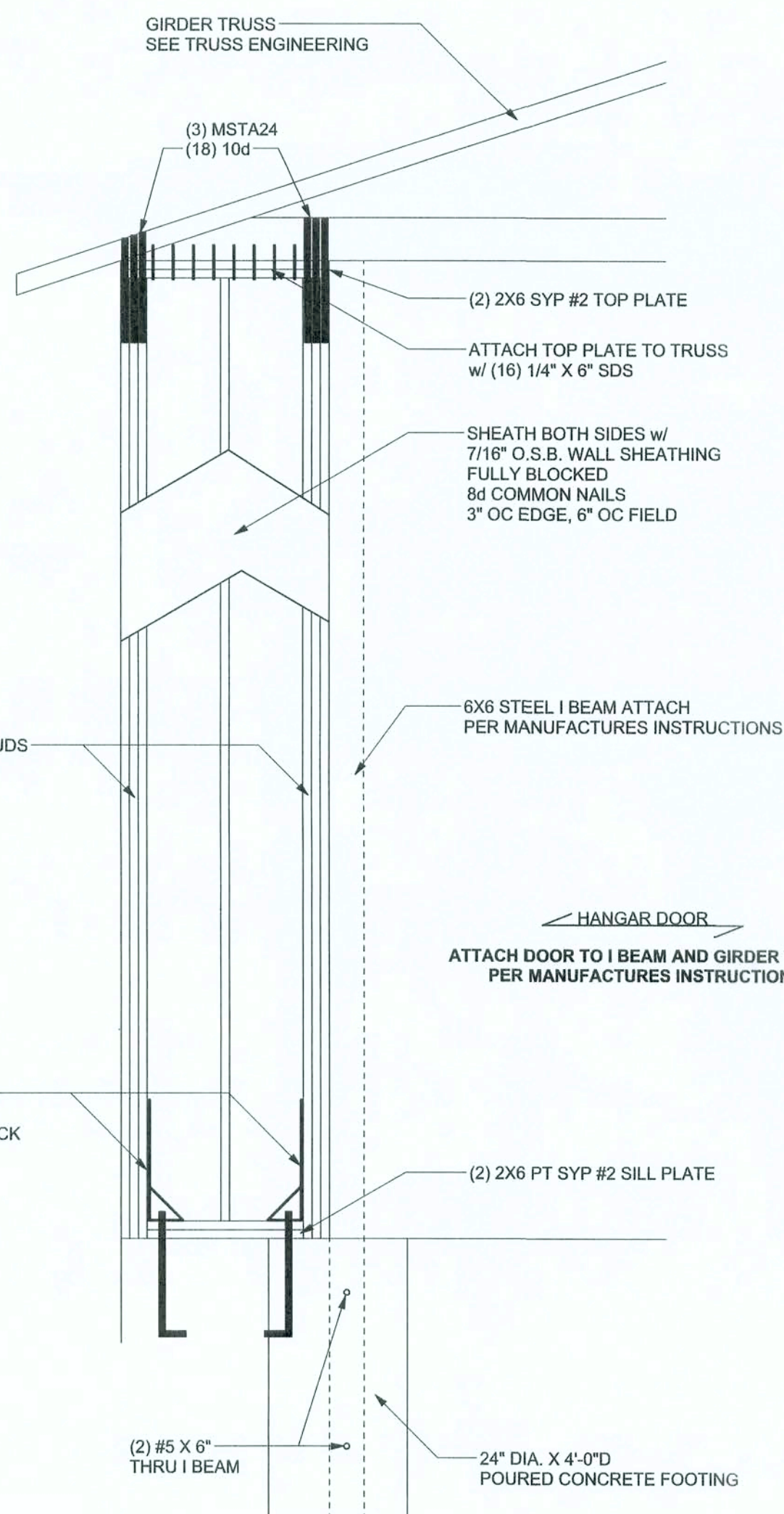
- INDICATES LOCATION OF:
1ST FLOOR 1/2" A307 ALL THREADED ROD
- INDICATES LOCATION OF:
2ND FLOOR 1/2" A307 ALL THREADED ROD

HEADER LEGEND

- (2) 2X12#2, 11' 1K → HEADER/BEAM CALL-OUT (U.N.G.)
- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PILES IN HEADER



ALTERNATE WALL TIE CONNECTION WHERE
THREADED ROD CANNOT BE PLACED IN WALL.
SCALE: 1/2" = 1'-0"



HANGER DOOR WALL DETAIL
SCALE: 1/2" = 1'-0"

BUILDER MUST VERIFY THAT TRUSS ENGINEER LOADS GABLE GIRDER FOR SHEARWALL LOADS AS FOLLOWS:

VERTICAL					HORIZONTAL	
	0'	3'	45'	48'	0-3'	45-48'
CASE #1	-4000 LB	+4000 LB	-4000 LB	+4000 LB	+2000 LB	+2000 LB
CASE #2	+4000 LB	-4000 LB	+4000 LB	-4000 LB	-2000 LB	-2000 LB

HORIZONTAL LOADS ARE DRAG LOADS INTO BOTTOM CHORD & OUT THE TOP CHORD.
LEFT TO RIGHT IS POSITIVE

WINDLOAD ENGINEER:
Mark Disoway, P.E.
No. 53915, PCB 868, Lake City, FL 32056,
386-754-5419

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

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or copied in any form or manner without first
the express written permission and consent
of Mark Disoway.

CERTIFICATION: I hereby certify that I have
examined this plan, and that the applicable
portions of the plan, relating to
wind engineering comply with section
9001.2.1, Florida building code
residential 2004,
to the best of my knowledge.

LIMITATION: This design is valid for one
building, at specified location.

MARK DISOWAY
P.E. 53915
18Sep08
SEAL

William Lagoni
Residence

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David Disoway Ben Sparks

FINALS DATE:
27 / May / 08

JOB NUMBER:
708212b

DRAWING NUMBER

S-3
OF 7 SHEETS

CONNECTIONS, WALL & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER, W.B. HOWLAND TRUSS CO.
JOB #5119

