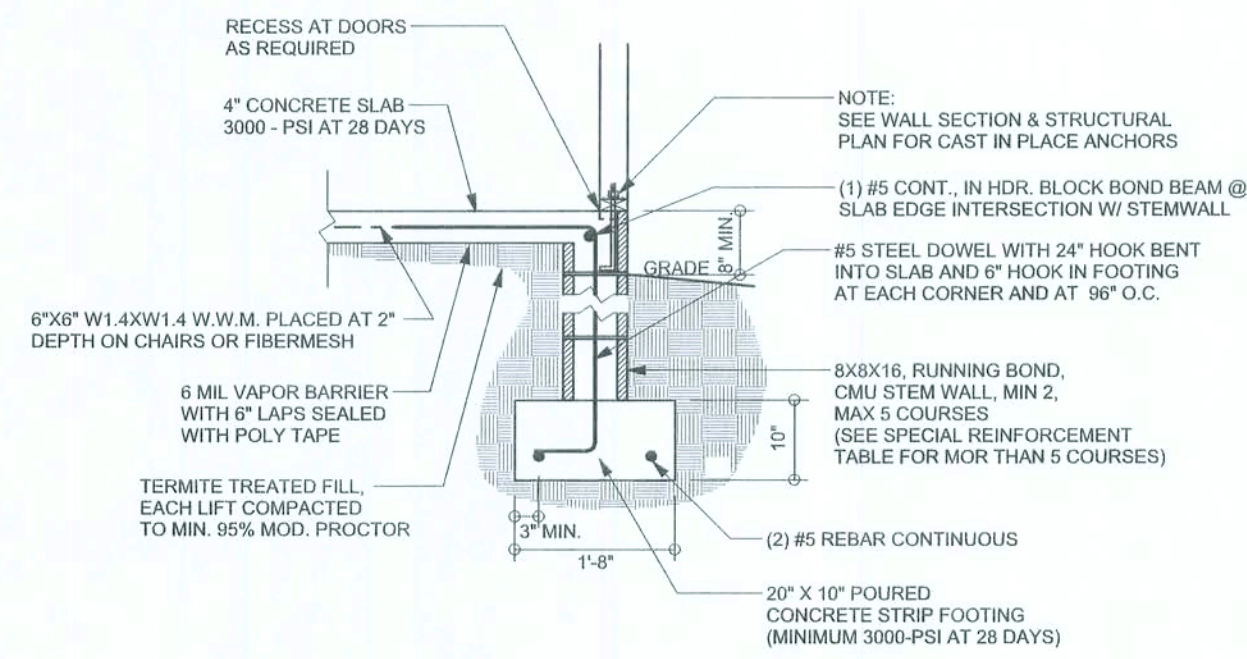


REVSIONS	
15Ju09	
11Aug09	

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

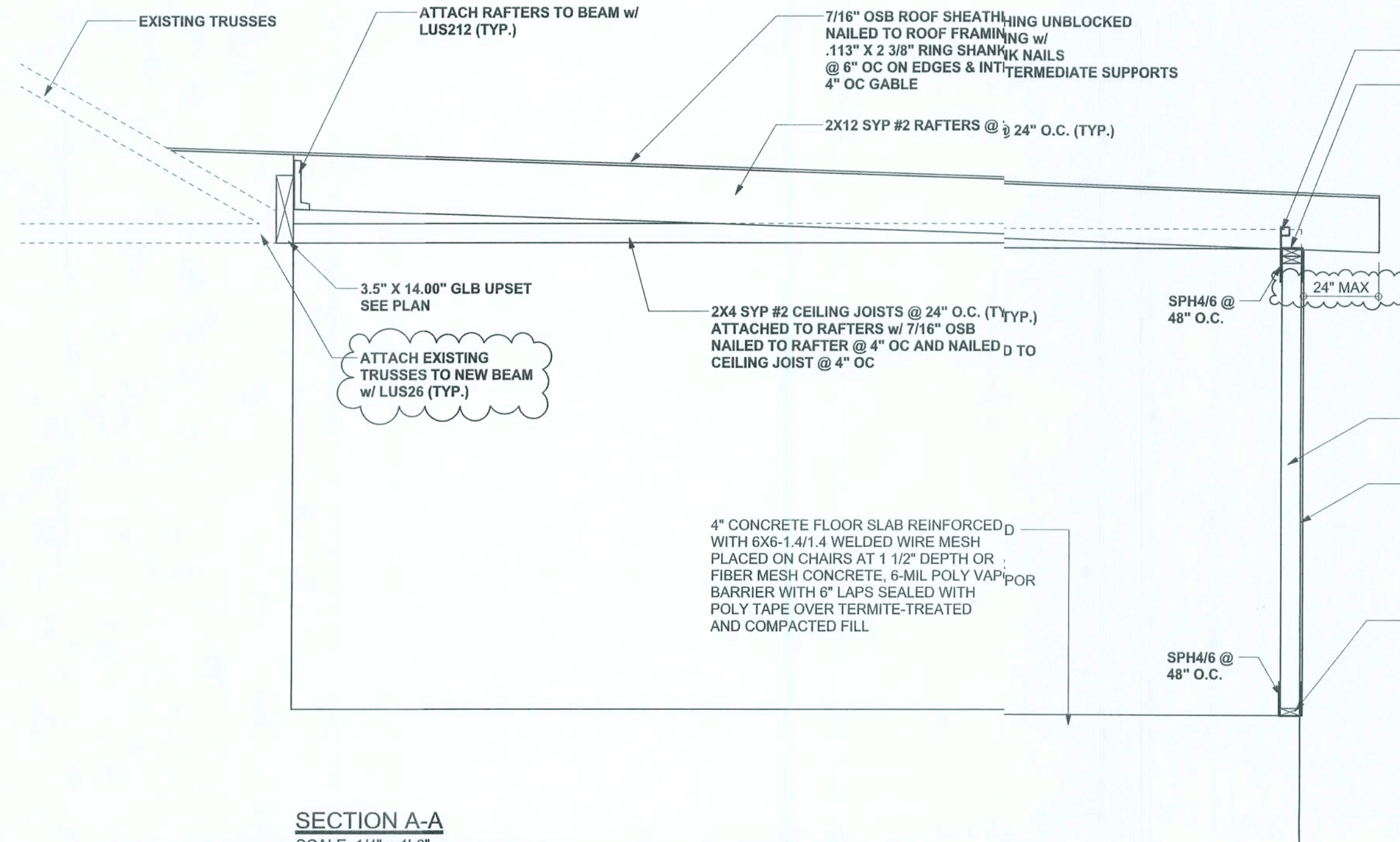


F9  
S-2  
STEM WALL FOOTING  
SCALE: 1/2" = 1'-0"

#### 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 Duowall ladder reinforcement at 16"OC vertically or a horizontal bond beam with 16S 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



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

EXISTING HOUSE

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

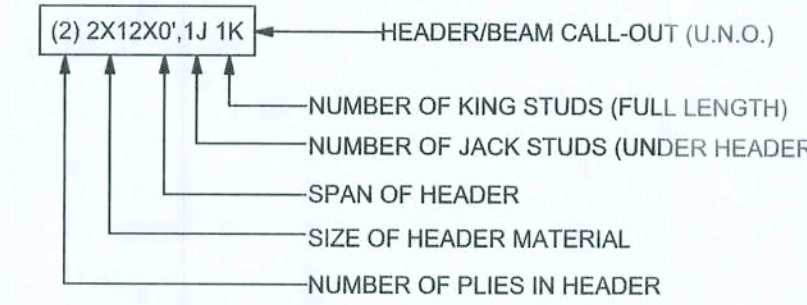
#### STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- 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 BCS11-03, BCS11-61, BCS11-62, & BCS11-63. BCS11-61, BCS11-62, & BCS11-63 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

#### WALL LEGEND

	EXTERIOR WALL
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT

#### HEADER LEGEND



#### TOTAL SHEAR WALL SEGMENTS

	INDICATES SHEAR WALL SEGMENTS	REQUIRED	ACTUAL
TRANSVERSE		7.5'	7.0'
LONGITUDINAL		N/A	N/A

EXISTING HOUSE

4" CONCRETE FLOOR SLAB REINFORCED WITH 6X6-1.4X1.4 WELDED WIRE MESH PLACED ON CHAIRS AT 1 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER WITH 6" LAPS SEALED WITH POLY TAPE OVER TERMITE-TREATED AND COMPACTED FILL

F9  
S-2

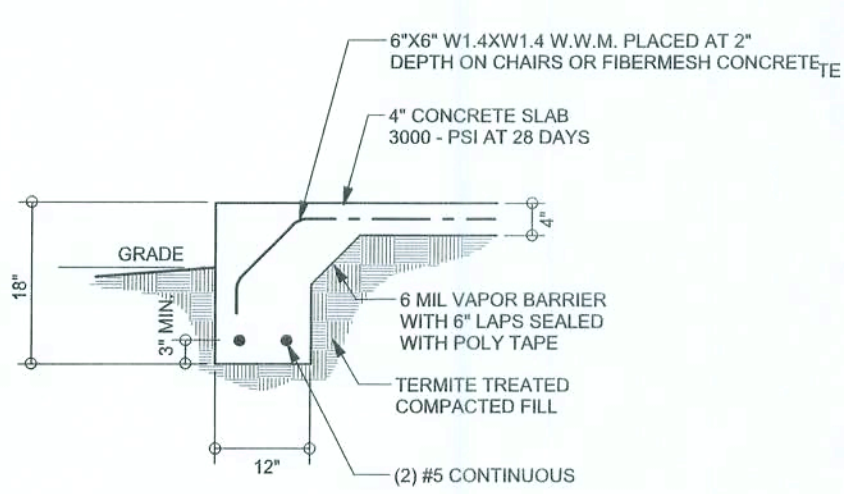
#### FOUNDATION PLAN

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

DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

F9  
S-2

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



WINDLOAD ENGINEER: Mark Disoway, P.E. No. 53915, CSR 866, Lake City, FL 32056, 386-75-5419

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

*Mark Disoway*  
11 Aug 09  
SEAL

George Kerce

Robert Reed  
Addition

ADDRESS:  
18-SW Lucy Court  
Lake City, Florida 32025

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

PRINTED DATE:  
August 11, 2009

DRAWN BY: David Disoway

FINAL DATE:  
8Dec08

JOE NUMBER:  
812053

DRAWING NUMBER

S-2

OF 2 SHEET

58612 #

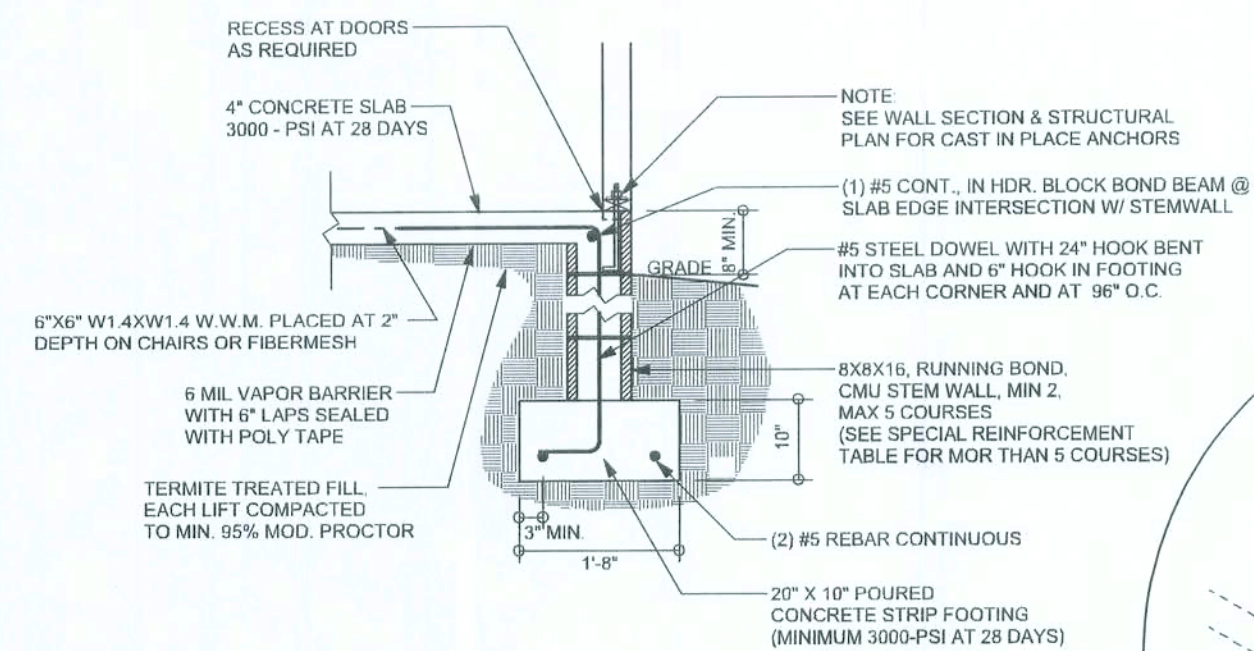


## REVISIONS

15Jul09

11Aug09

14Sep09

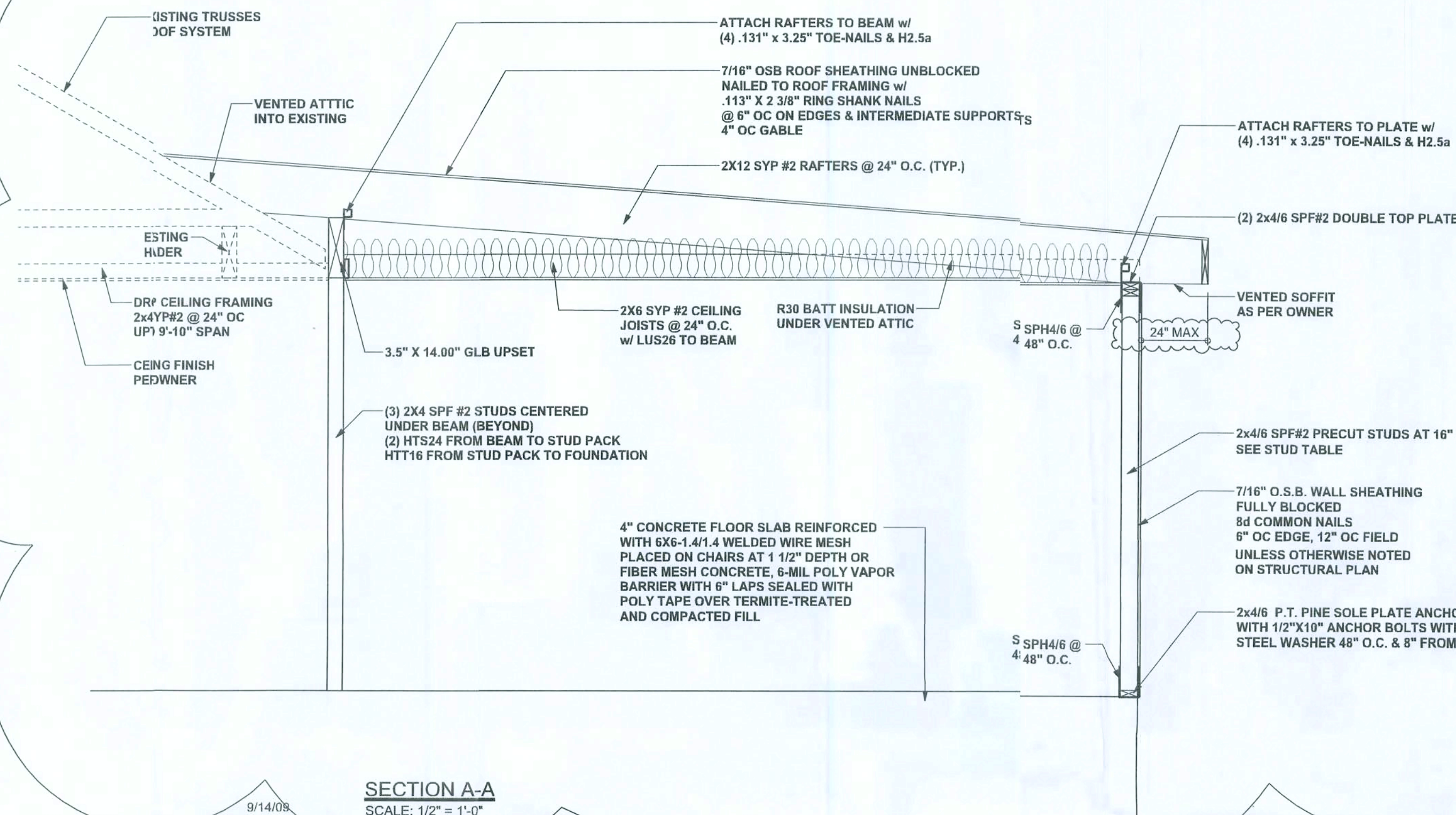
SOFTPLAN  
ARCHITECTURAL SOFTWARE

F9  
S-2  
STEM WALL 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 Diagonal ladder reinforcement at 16" O.C. vertically or a horizontal bond beam with 165 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

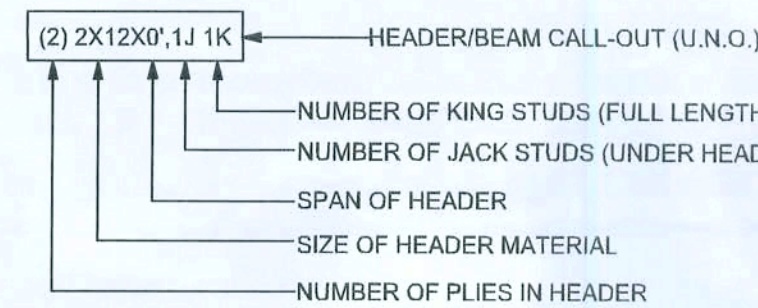
STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEMWALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	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



## SECTION A-A

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

## HEADER LEGEND



## TOTAL SHEAR WALL SEGMENTS

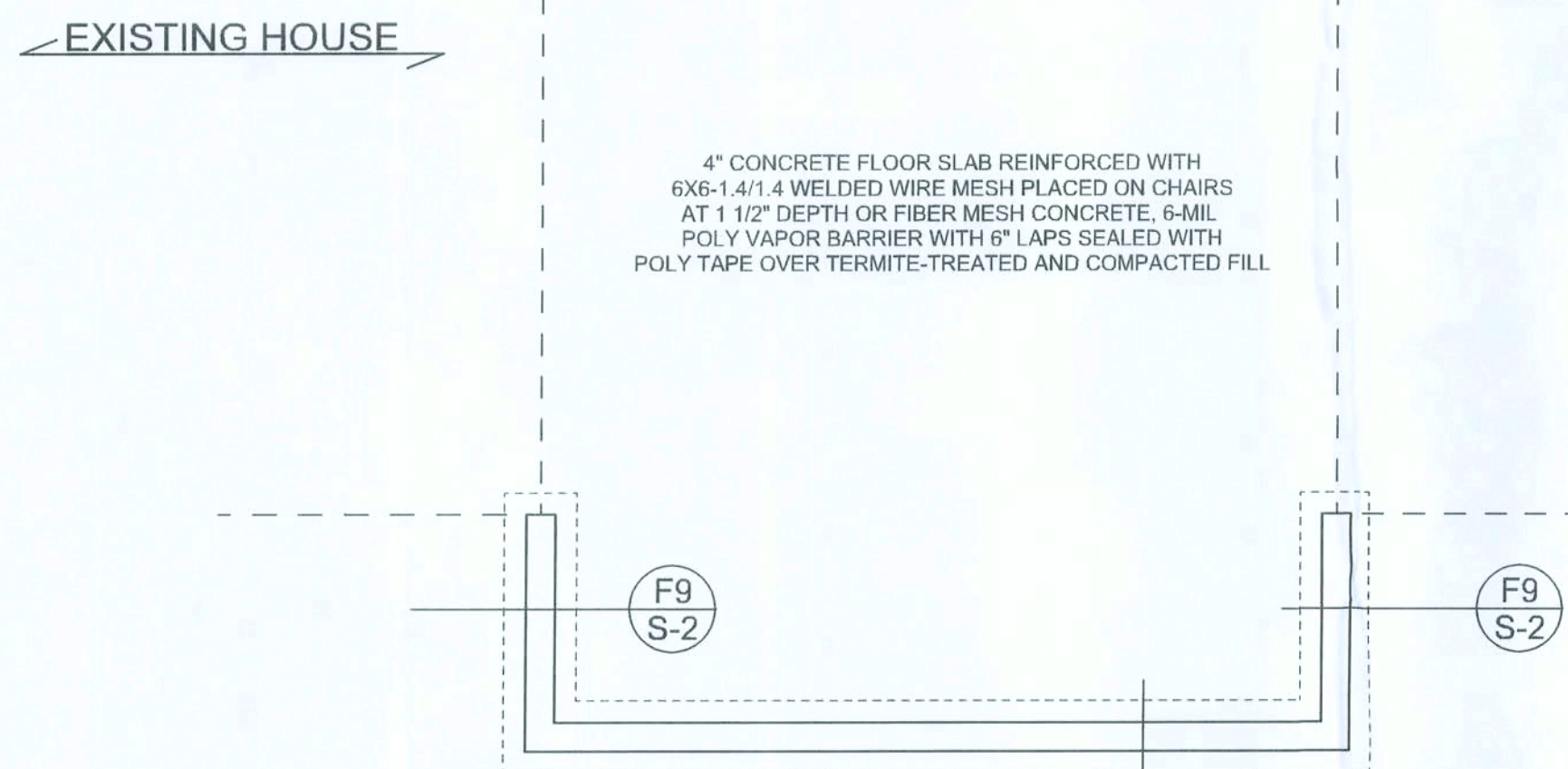
	REQUIRED	ACTUAL
TRANSVERSE	7.5	7.0
LONGITUDINAL	N/A	N/A

## STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- 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 BCSI-03. BCSI-01, BCSI-02, & BCSI-03. BCSI-01, BCSI-02, & BCSI-03 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

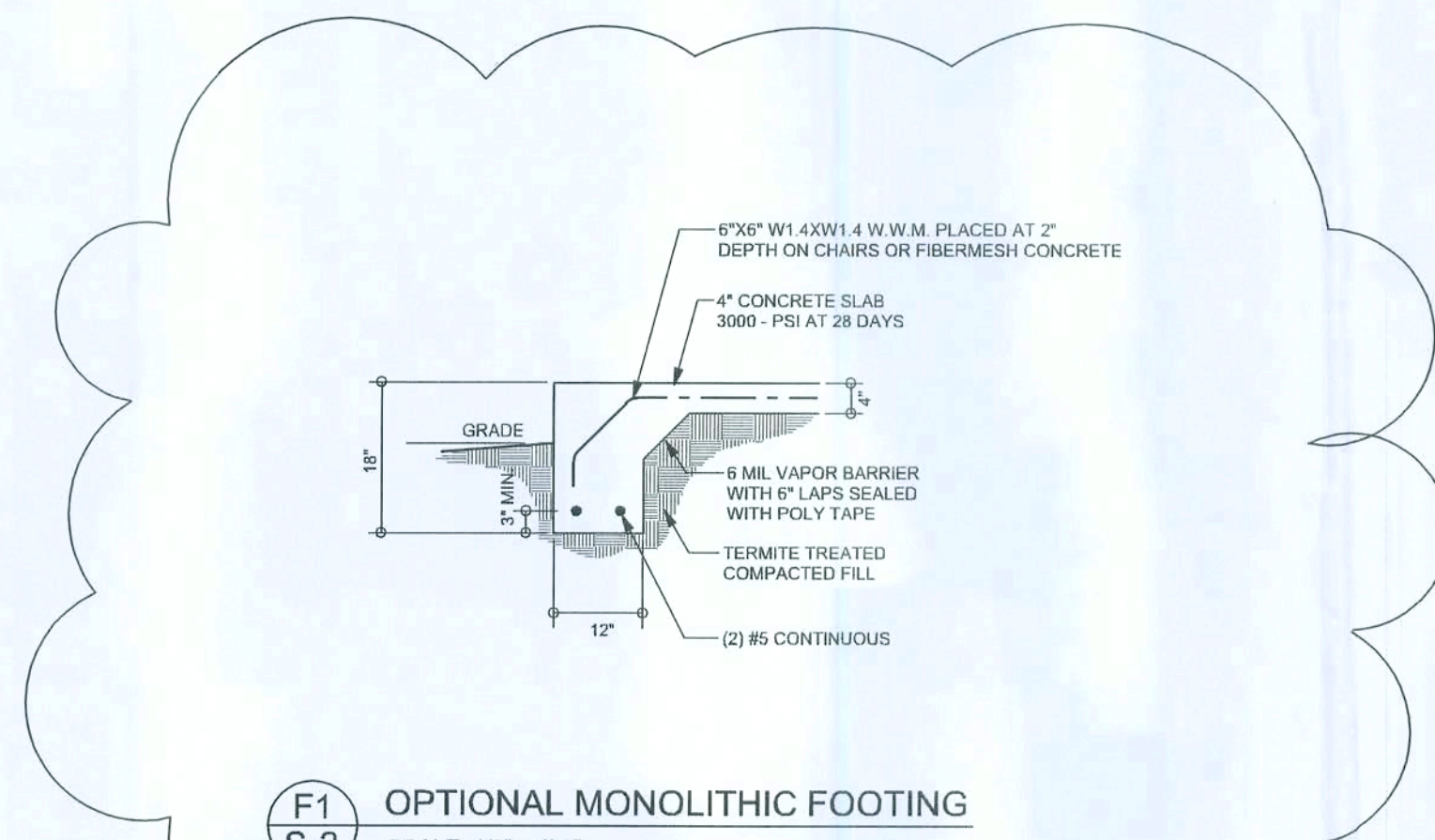
## WALL LEGEND

	EXTERIOR WALL
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT


F9  
S-2  
FOUNDATION PLAN

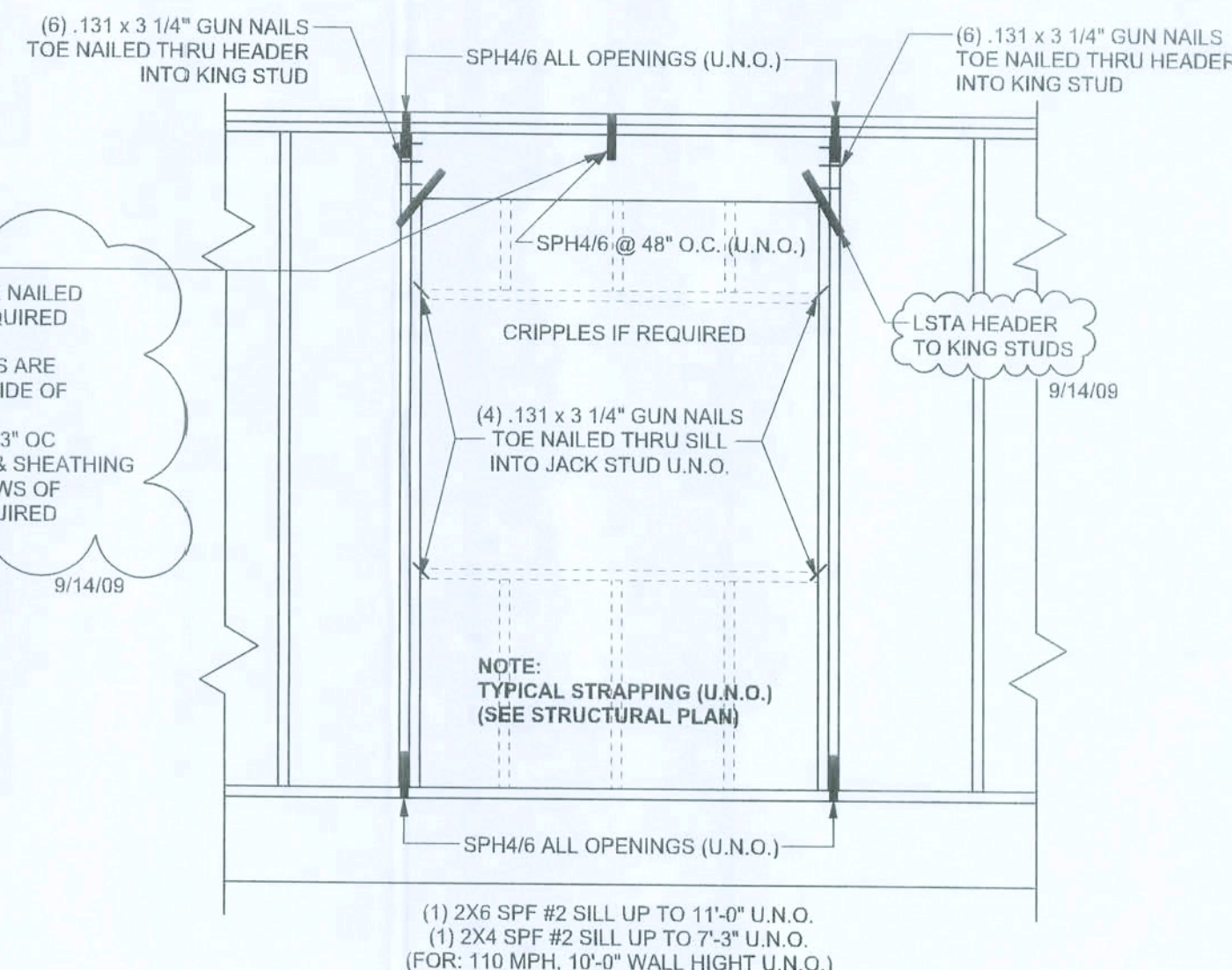
SCALE: 1/4" = 1'-0"

DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS


F1  
S-2  
OPTIONAL MONOLITHIC FOOTING

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

NOTE:  
IF TRUSS TO WALL STRAPS ARE NAILED TO HEADER SPH, ARE NOT REQUIRED  
OR  
IF TRUSS TO TOP PLATE STRAPS ARE INSTALLED ON THE EXTERIOR SIDE OF THE WALL & SHEATHING IS NAILED TO TOP PLATES w/ 8d 3" OC (NAILING MAY BE STAGGERED) & SHEATHING IS NAILED TO HEADER w/ (2) ROWS OF 8d @ 6" OC SPH, ARE NOT REQUIRED



## TYPICAL HEADER STRAPPING DETAIL

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

WINDLOAD ENGINEER: Mark Discoway  
P.E. No. 52915, PCB 86, Lake City, FL 32056, 386-754-5419

DIMENSIONS: Stated dimensions supersede scaled dimensions. Refer all questions to Mark Discoway, 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 631.2.1, Florida building code residential 2004, to the best of my knowledge.

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

MARK DISCOWAY  
P.E. 52915

14SEP09

SAL

## George Kerce

Robert Reed  
Addition

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Lake City, Florida 32025

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Lake City, Florida 32056  
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PRINTED DATE:  
September 14, 2009  
DRAWN BY: STRUCTURAL BY:  
David Discoway

FINALS DATE:  
8Dec08

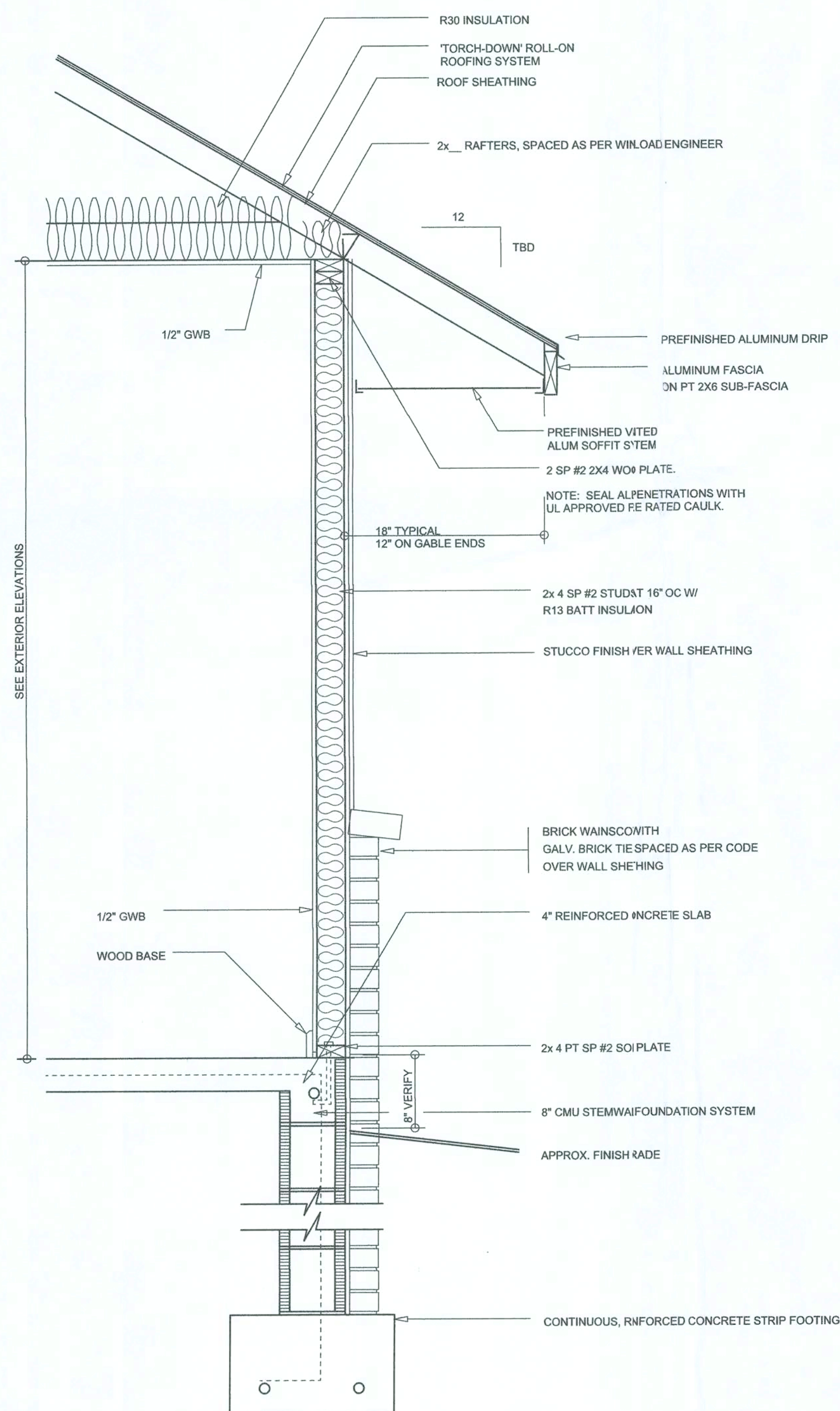
JOB NUMBER:  
812053

DRAWING NUMBER

S-2

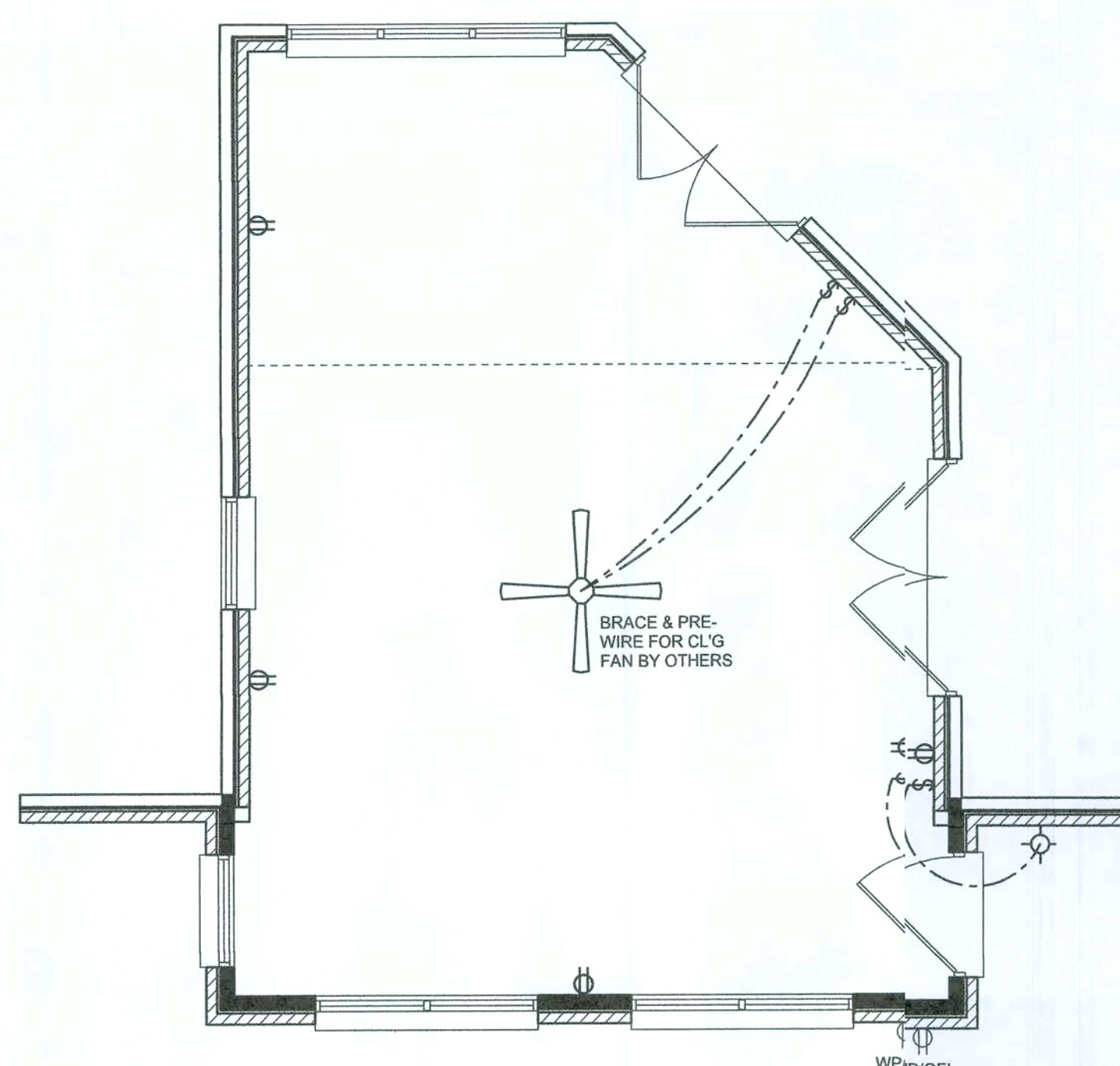
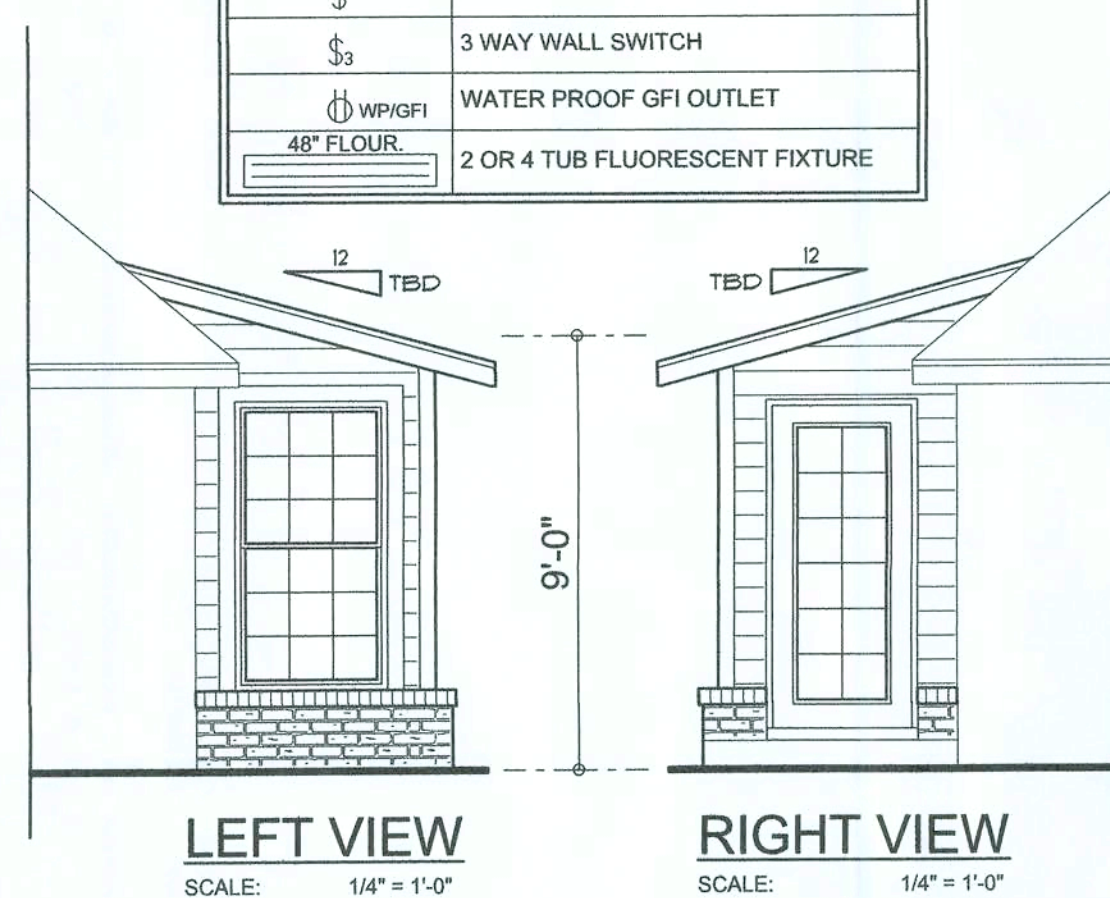
OF 2 SHEET





**TYP. WAINSCOT WALL SECTION**  
SCALE: 1" = 1'-0"

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
	TELEVISION JACK
	TELEPHONE JACK
	SMOKE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE



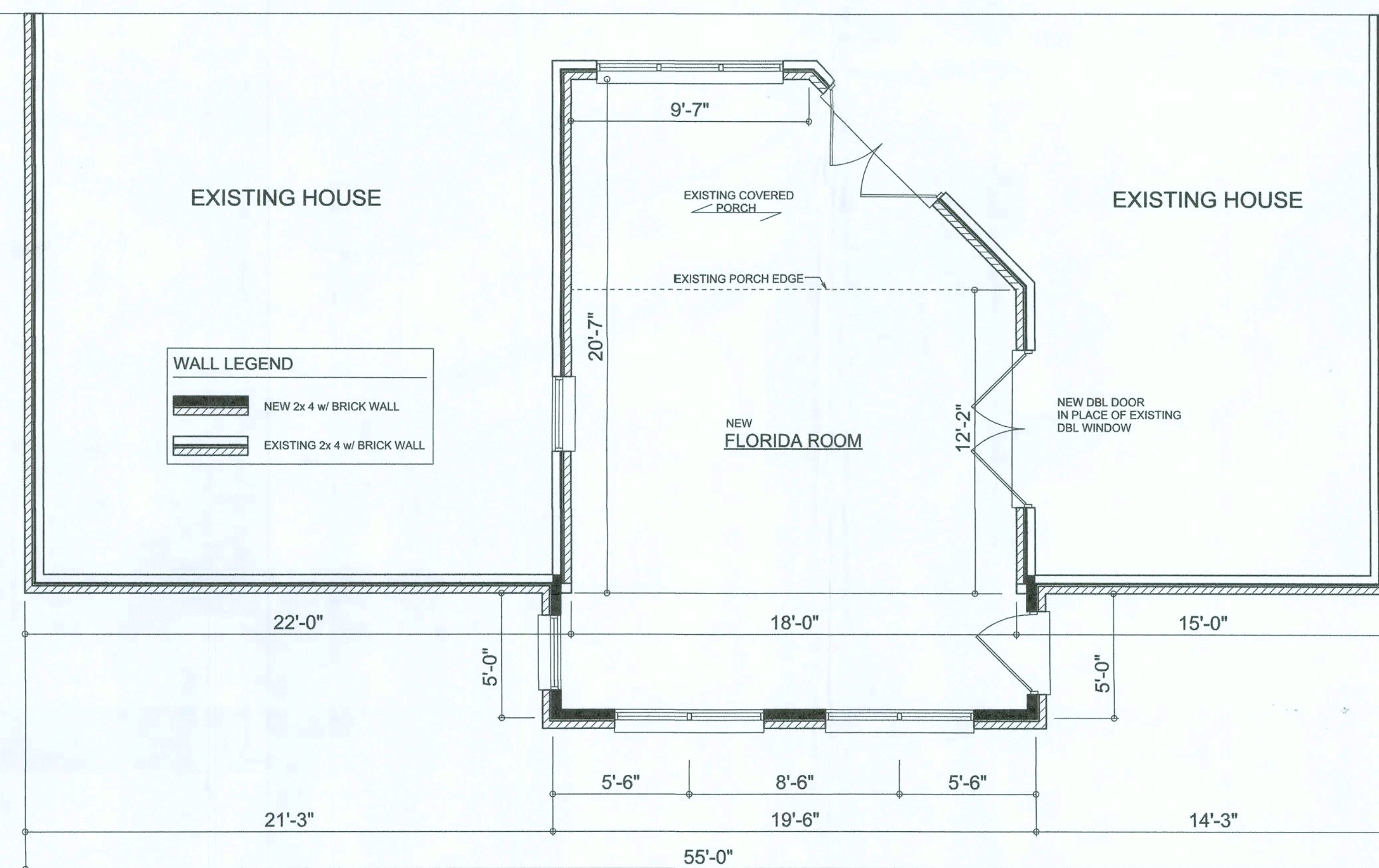
**ELECTRICAL PLAN**  
SCALE: 1/4" = 1'-0"

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.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT. IT MEANS, CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.

NOTE: - ELECTRICAL CONTRACTOR SHALL VERIFY THAT EXISTING PANEL IS SUFFICIENT FOR THE ADDITIONAL ADDED CIRCUITS OR IF A SUB-PANEL WILL NEED TO BE INSTALLED.



**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

AREA SUMMARY	
EXISTING HOME	1792 S.F.
IMPROVEMENTS AREA	452 S.F.
<b>TOTAL AREA</b>	<b>2,244 S.F.</b>



*William Myers*

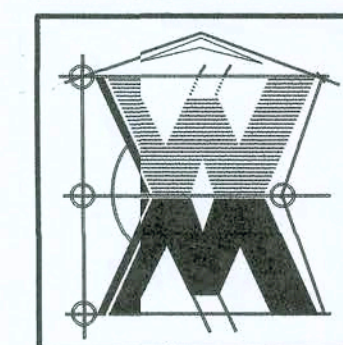
REVISIONS	
December 01, 2008	

**SOFTPLAN**  
ARCHITECTURAL DESIGN SOFTWARE

**REMODEL PLANS**  
SCALE: 1/4" = 1'-0"

FLORIDA ROOM ADDITION FOR:  
**ROBERT REED**  
PROJECT ADDRESS: 164 SW LUCY COURT (LOT 14, CREEKSIDE SID) COLUMBIA COUNTY, FLORIDA 32025

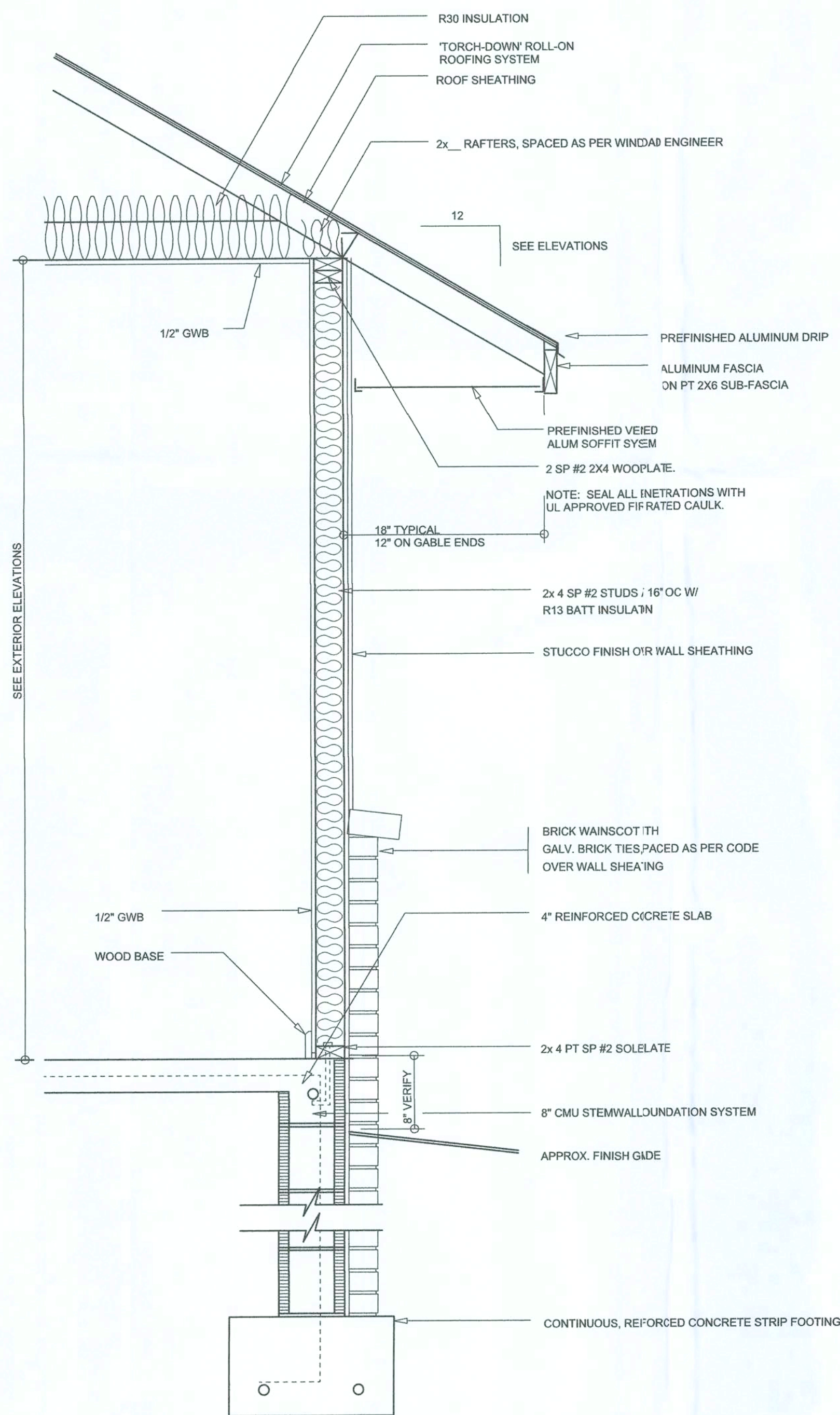
**WILLIAM MYERS**  
DESIGN  
PO. BOX 1513  
LAKE CITY, FL 32056  
(386) 758-6406  
williammyers.net



JO# NUMBER  
081201

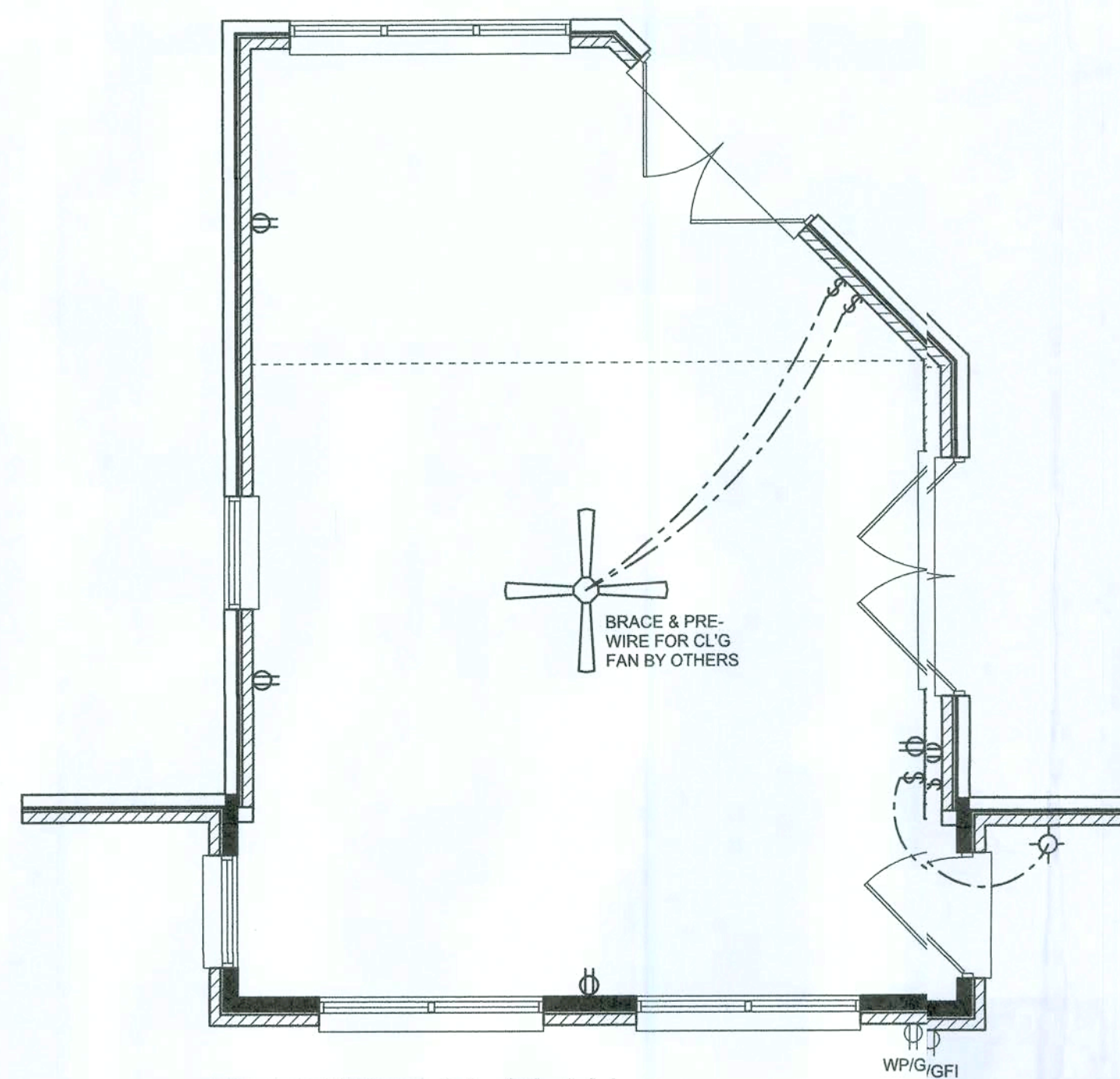
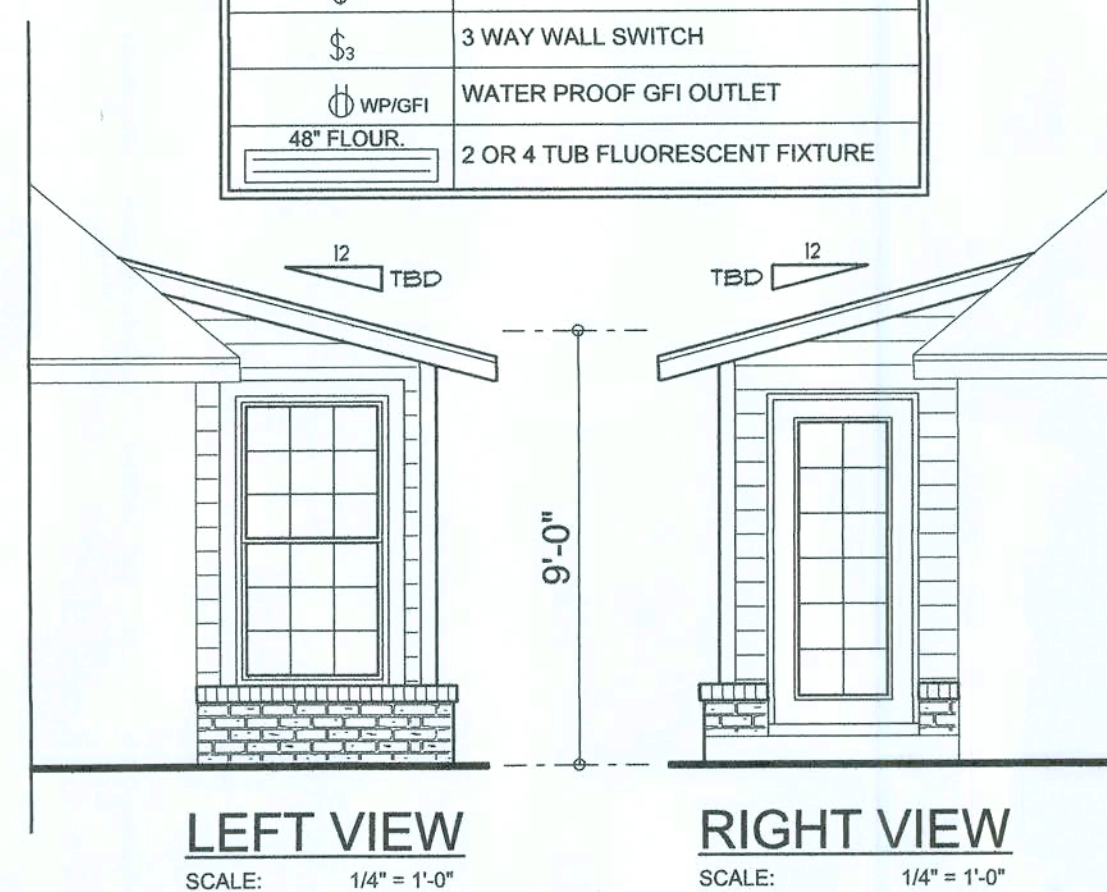
SHEET NUMBER  
**A.1**  
OF 1 SHEET





TYP. WAINSCOT WALL SECTION  
SCALE: 1" = 1'-0"

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
	TELEVISION JACK
	TELEPHONE JACK
	SMOKE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE



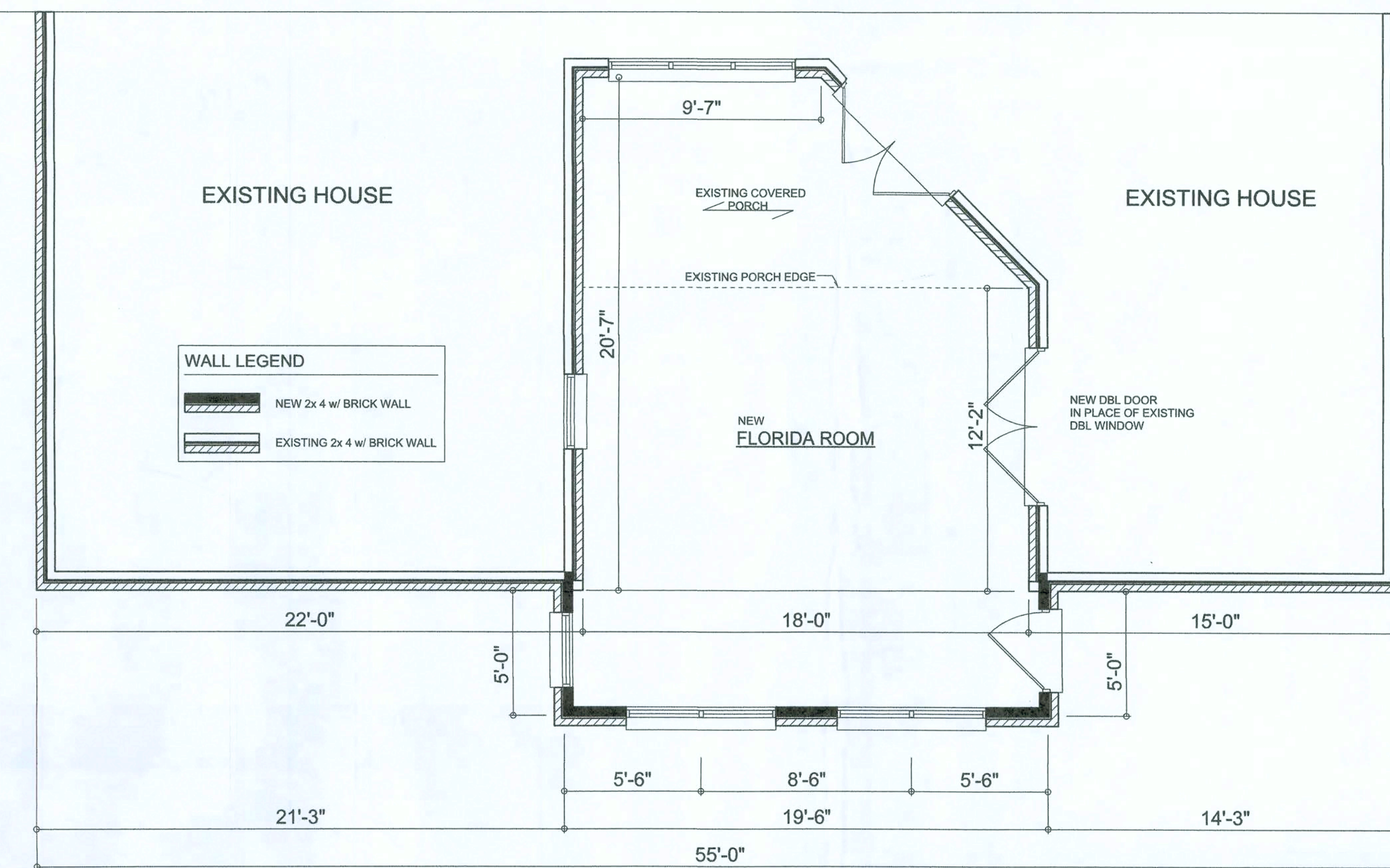
ELECTRICAL PLAN  
SCALE: 1/4" = 1'-0"

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.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE  
INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT  
MEANS. CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS  
TO A PANEL OR SUB PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH  
ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.

NOTE: - ELECTRICAL CONTRACTOR SHALL VERIFY THAT EXISTING PANEL  
IS SUFFICIENT FOR THE ADDITIONAL ADDED CIRCUITS OR IF A SUB-PANEL  
WILL NEED TO BE INSTALLED.



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

#### AREA SUMMARY

EXISTING HOME	1792	S.F.
IMPROVEMENTS AREA	452	S.F.
TOTAL AREA	2,244	S.F.

*Wm C. Myers*

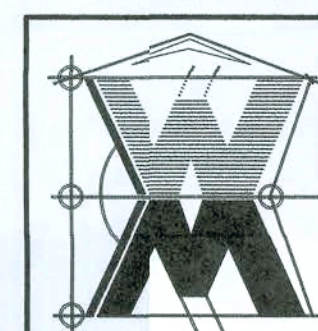
REVISIONS	DATE
December 01, 2008	

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

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

FLORIDA ROOM ADDITION FOR:  
**ROBERT REED**  
PROJECT ADDRESS: 184 SW LUCY COURT (LOT 14, CREEKSIDE S/D) COLUMBIA COUNTY, FLORIDA 32025

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



JOB NUMBER  
081201

SHEET NUMBER  
**A.1**  
OF 1 SHEET

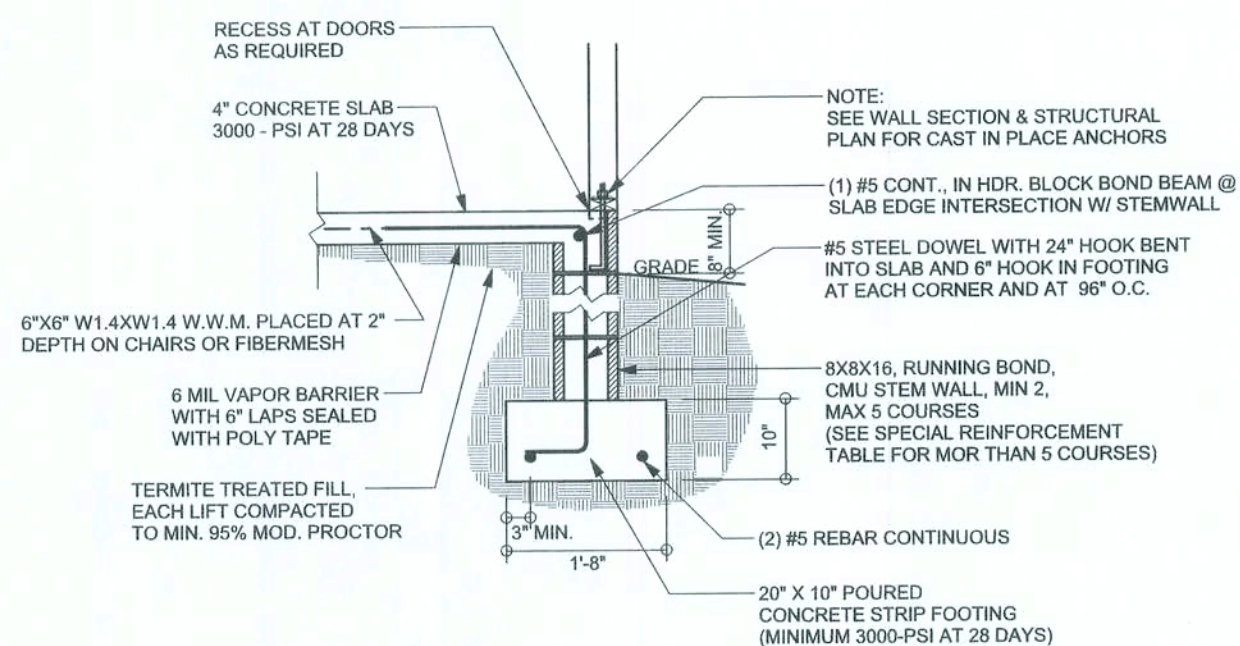






REVISIONS	

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

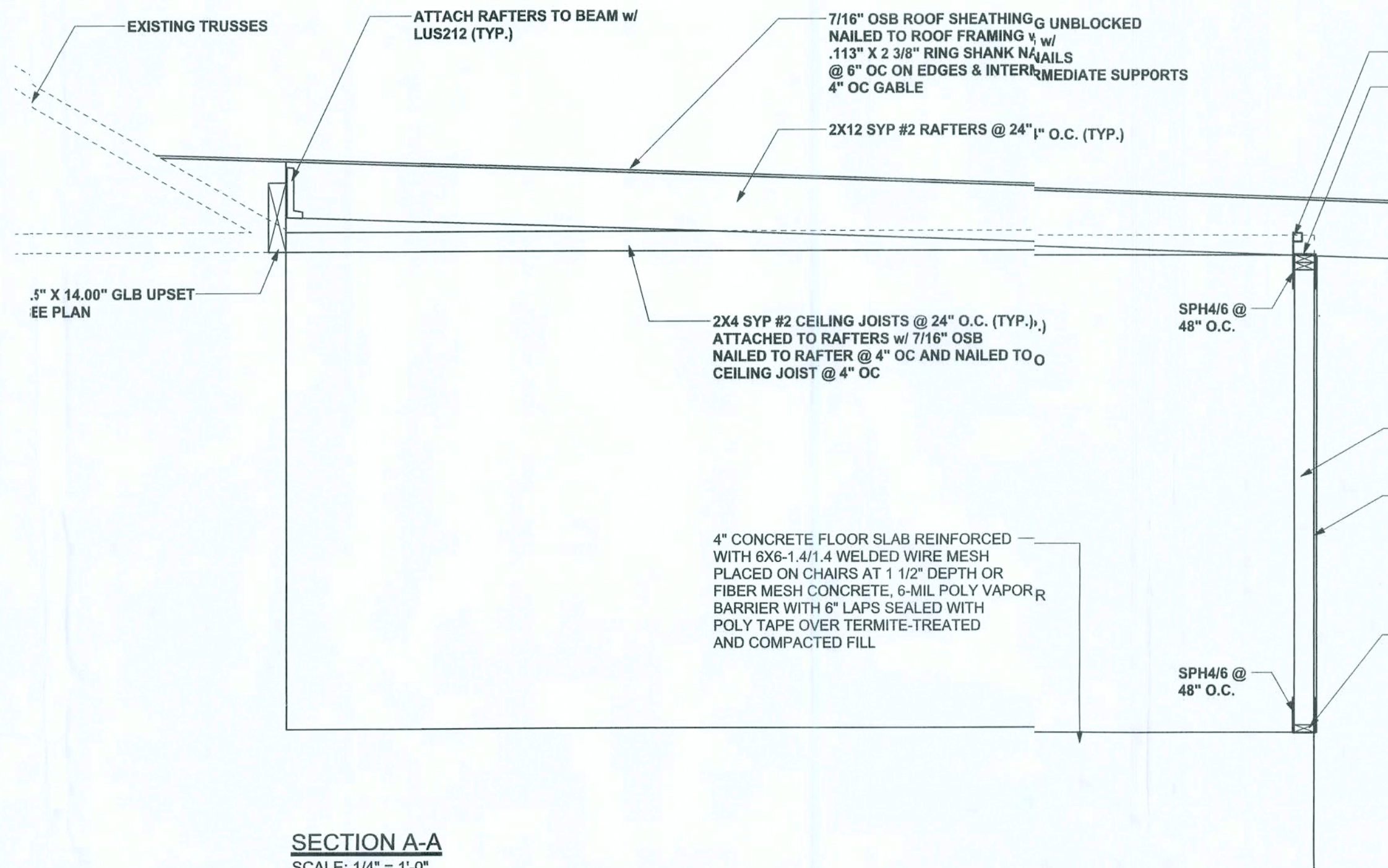


**F9 S-2**  
SCALE: 1/2" = 1'-0"

#### TALL STEM WALL TABLE

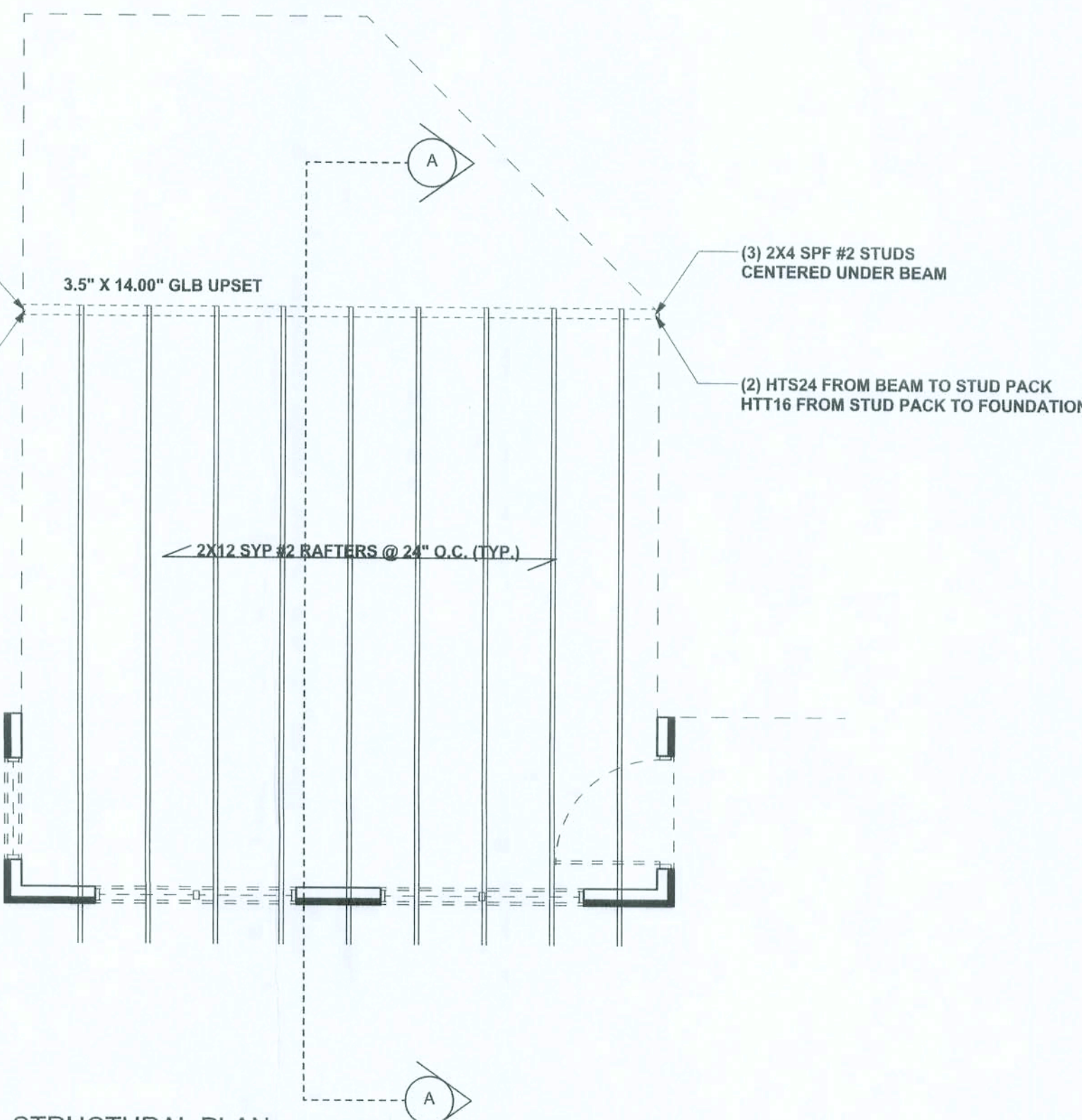
The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durowall ladder reinforcement at 16" OC 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



**SECTION A-A**  
SCALE: 1/4" = 1'-0"

EXISTING HOUSE



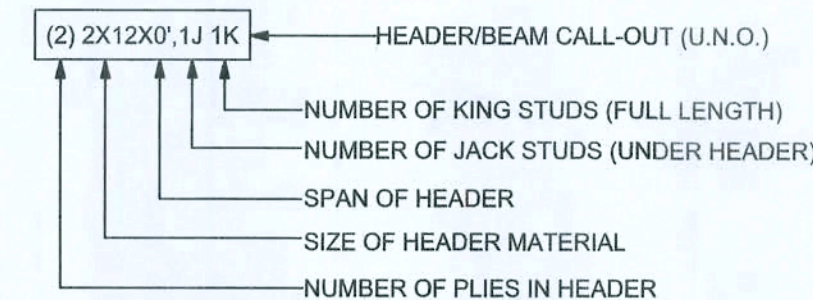
#### STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- 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 BCSS1-03, BCSS1-B1, BCSS1-B2, & BCSS1-B3. BCSS1-B1, BCSS1-B2, & BCSS1-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

#### WALL LEGEND

	EXTERIOR WALL
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT

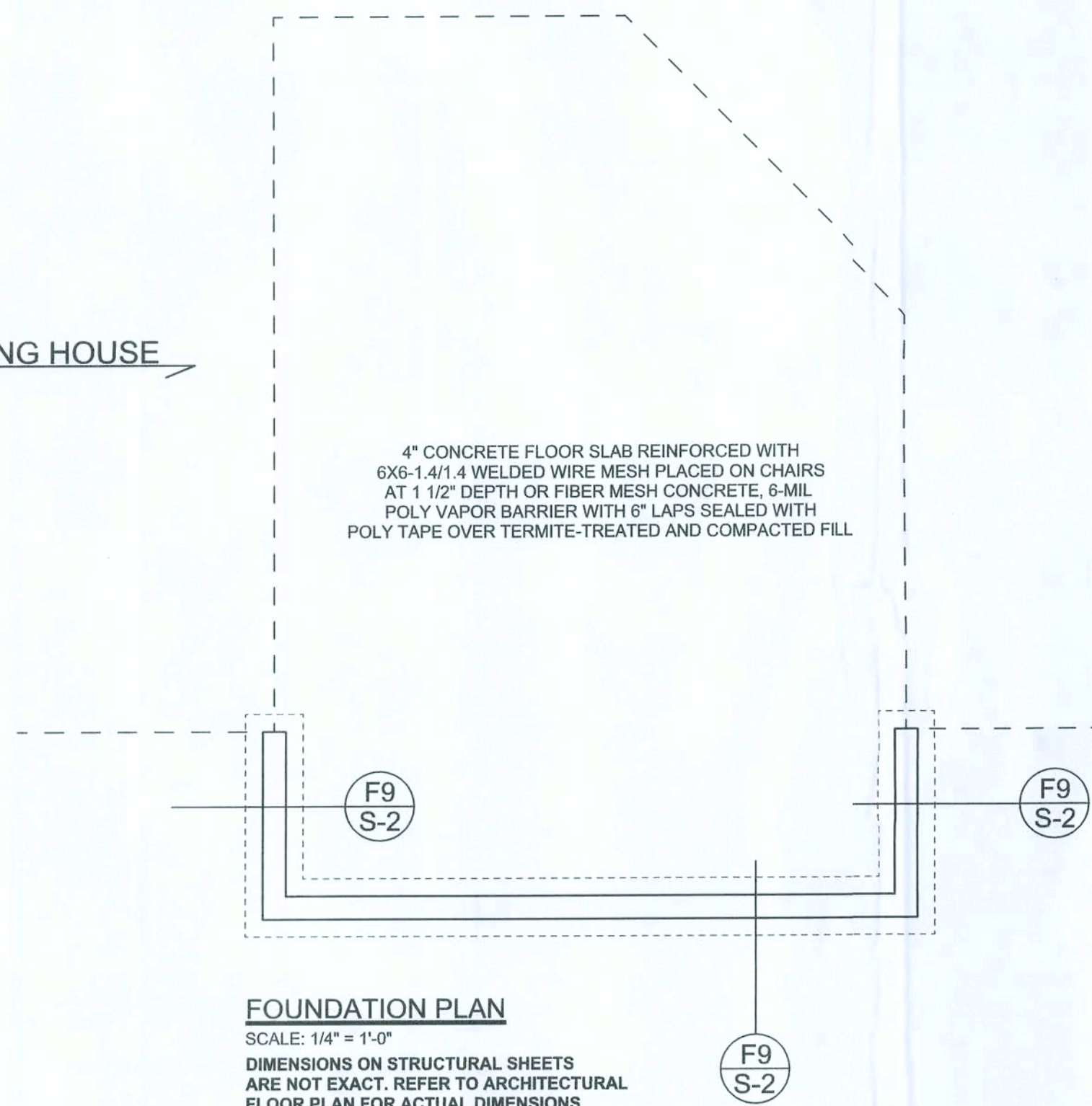
#### HEADER LEGEND



#### TOTAL SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	7.5	7.0
LONGITUDINAL	N/A	N/A

EXISTING HOUSE



WINDLOAD ENGINEER: Mark Discoway  
PE No. 53915, POB868, Lake City, FL 32056, 386-754-549

DIMENSIONS: Stated dimensions supersede scaled dimensions. Refer all questions to Mark Discoway, 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 2006, to the best of my knowledge.

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

MARK DISCOWAY  
PE 53915

*Mark Discoway*  
SEAL

George Kerce

Robert Reed  
Addition

ADDRESS:  
184 SY Lucy Court  
Lake City, Florida 32025

Mark Discoway P.E.  
P.O. Box 868  
Lake City Florida 32056  
Phone: (386) 754 - 5419  
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PRINTED DATE:  
December 08, 2008

DRAWN BY: David Discoway

FINALS DATE:  
8Dec08

JOB NUMBER:  
812053

DRAWING NUMBER

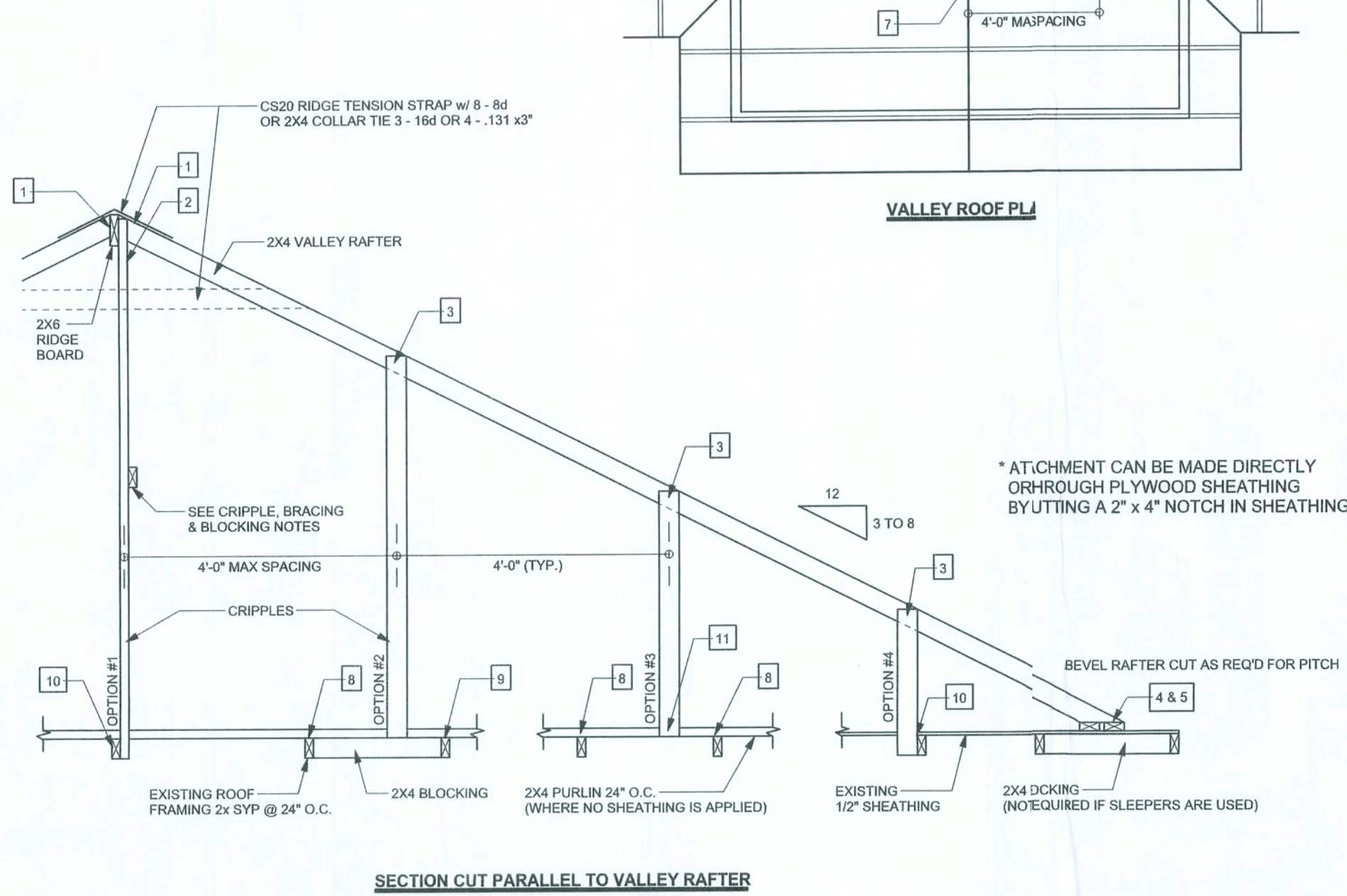
**S-2**

OF2 SHEET



# LUMBER SIZE & GRADE MINIMUM REQUIREMENTS

CRIPPLE BOARD	2X6 SYP #2
RAFTER SPANS 20'-0" OR LESS	2X4 SYP #2
PURLINS / LATERAL BRACING	2X4 SYP #2
SLEEPERS	2X (WIDTH OF RAFTER BEAT CUT) SPF #3 OR 2 PARALLEL 2X4 SYP #3
CRIPPLES & BLOCKING	2X4 SYP #2 OR BETTER
TRUSS BELOW	SEE TRUSS DESIGN - SOUTHERN PINE MATERIAL



## RETROFIT ROOF OVER FRAMING: BRACING DETAIL

SCALE: N.T.S.

## VALLEY ROOF PLAN MEMBER LEGEND

—	TRUSS
---	TRUSS UNDER VALLEY FRAMING
----	VALLEY RAFTER OR RIDGE
■	CRIPPLE

CRIPPLES 4'-0" O.C. FOR 20 psf (TL) AND 10 psf (TD) (TYP. SHINGLE ROOF) MAX

## CONNECTION REQUIREMENT NOTES

1	2X4 RAFTERS TO RIDGE	3-16d OR 6-131 x 3" TOE NAILS
2	CRIPPLE TO RIDGE	3-16d OR 6-131 x 3" FACE NAILS
3	CRIPPLE TO RAFTERS	3-16d OR 6-131 x 3" FACE NAILS
4	RAFTER TO SLEEPER OR BLOCKING	6-16d OR 12-131 x 3" TOE NAILS
5	SLEEPER TO TRUSS	4-16d OR 8-131 x 3" FACE NAILS EACH TRUSS
6	RIDGE BOARD TO ROOF BLOCK	3-16d OR 6-131 x 3" TOE NAILS
7	RIDGE BOARD TO TRUSS	3-16d OR 6-131 x 3" TOE NAILS
8	PURLIN TO TRUSS (TYP.)	3-16d OR 6-131 x 3" NAILS
9	PURLIN TO TRUSS (IF CRIPPLE IS ATTACHED TO PURLIN)	4-16d OR 8-131 x 3" NAILS
10	TRUSS TO BLOCKING	3-16d OR 6-131 x 3" END NAILS
11	CRIPPLE TO TRUSS	3-16d OR 6-131 x 3" FACE NAILS
11	CRIPPLE TO PURLIN	3-16d OR 6-131 x 3" FACE NAILS

## GENERAL NOTES

MAXIMUM RAFTER SPANS  
6'-0" FOR 2X4, 8'-0" FOR 2X6 SPF #2 OR SYP #2.  
MAXIMUM ROOF AREA PER SUPPORT  
1602 IN ZONES 2 & 3, 2462 IN ZONE 1. (EXAMPLE: 4'-0" O.C. X 4'-0" SPAN = 1602 OR 2'-0" X 8'-0" SPAN = 1602)  
PURLINS SHOULD OVERLAP SHEATHING ONE TRUSS SPACING MINIMUM.  
IN CASES THAT THIS IS IMPRACTICAL, OVERLAP SHEATHING A MINIMUM OF 2" AND NAIL UPWARDS THROUGH SHEATHING INTO PURLIN WITH A MINIMUM OF 8-8d COMMON WIRE NAILS.  
THIS DRAWING APPLIES TO VALLEYS WITH THE FOLLOWING CONDITIONS:  
- SPANS (DISTANCES BETWEEN HEELS) 40'-0" OR LESS  
- MAXIMUM VALLEY HEIGHT: 14'-0" OR LESS  
- MAXIMUM WIND SPEED: 120 MPH  
- MAXIMUM MEAN ROOF HEIGHT: 30 FEET  
- MAXIMUM TOTAL LOADING: 40 psf  
- MEETS FBC 2001/ASCE 7-98 WIND REQUIREMENTS  
- EXPOSURE CATEGORY 'B', I = 1.0, Kzt = 1.0  
- ENCLOSED BUILDING

## CRIPPLE, BRACING, & BLOCKING NOTES

2X4 CONTINUOUS LATERAL BRACE (CLB) MIN. IS REQUIRED FOR CRIPPLES 5'-0" TO 10'-0" LONG NAILED w/ 2-10d NAILS OR 2X4 "T" OR SCAB BRACE NAILED TO FLAT EDGE OF CRIPPLE WITH 8d NAILS @ 16" O.C. "T" OR SCAB MUST BE 90% OF CRIPPLE LENGTH. CRIPPLES OVER 10'-0" LONG REQUIRE TWO CLBs OR BOTH FACES w/ "T" OR SCAB. USE STRESS GRADUATED LUMBER & BOX OR COMMON NAILS.  
NARROW EDGE OF CRIPPLE CAN FACE RIDGE OR RAFTER, AS LONG AS THE PROPER NUMBER OF NAILS ARE INSTALLED INTO RIDGE BOARD.  
INSTALL BLOCKING UNDER RAFTER IF SLEEPERS ARE NOT USED.  
INSTALL BLOCKING UNDER CRIPPLES IF CRIPPLES FALL BETWEEN LOWER TRUSS TOP CHORDS AND LATERAL BRACING IS NOT USED.  
APPLY ALL NAILING IN ACCORDANCE TO NDS-1997 SECTION 11. NAILS ARE COMMON WIRE NAILS UNLESS NOTED OTHERWISE.

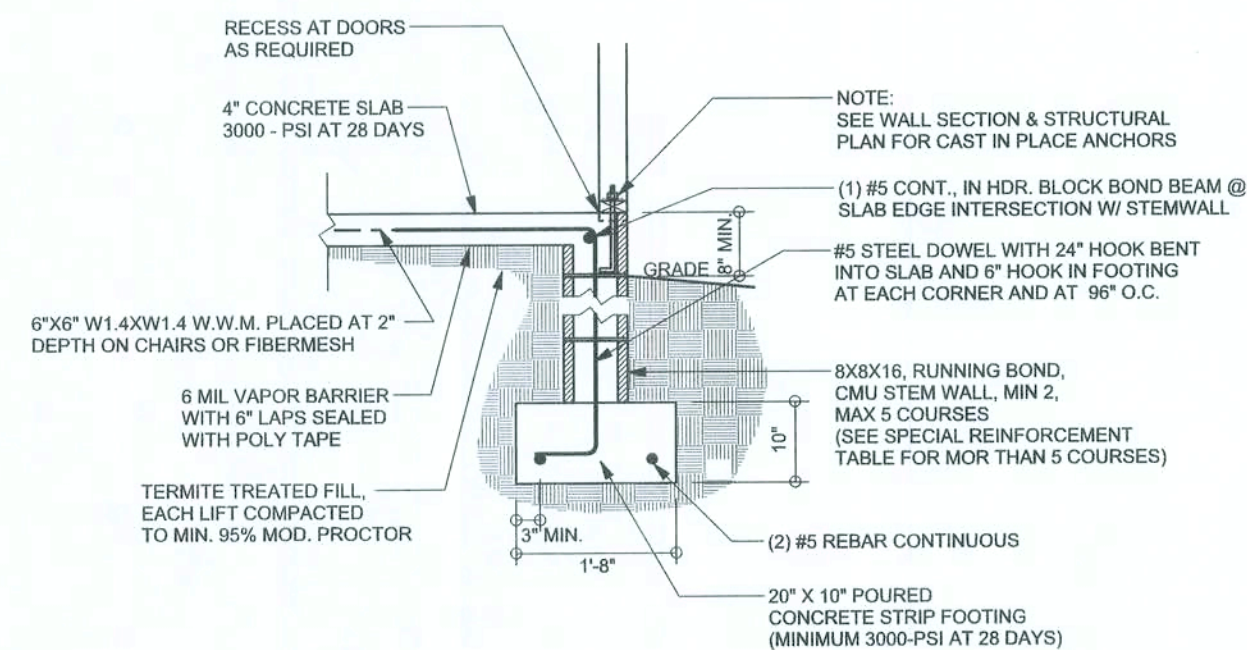
## GRADE & SPECIES TABLE

		Fb (psi)	E (10 <sup>6</sup> psi)
2x8	SYP #2	1200	1.6
2x10	SYP #2	1050	1.6
2x12	SYP #2	975	1.6
GGLB	24F-V3 SP	2400	1.8
L <sub>LSL</sub>	TIMBERSTRAND	1700	1.7
L <sub>LVL</sub>	MICROLAM	1600	1.9
P <sub>PSL</sub>	PARALAM	2900	2.0



REVISIONS

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

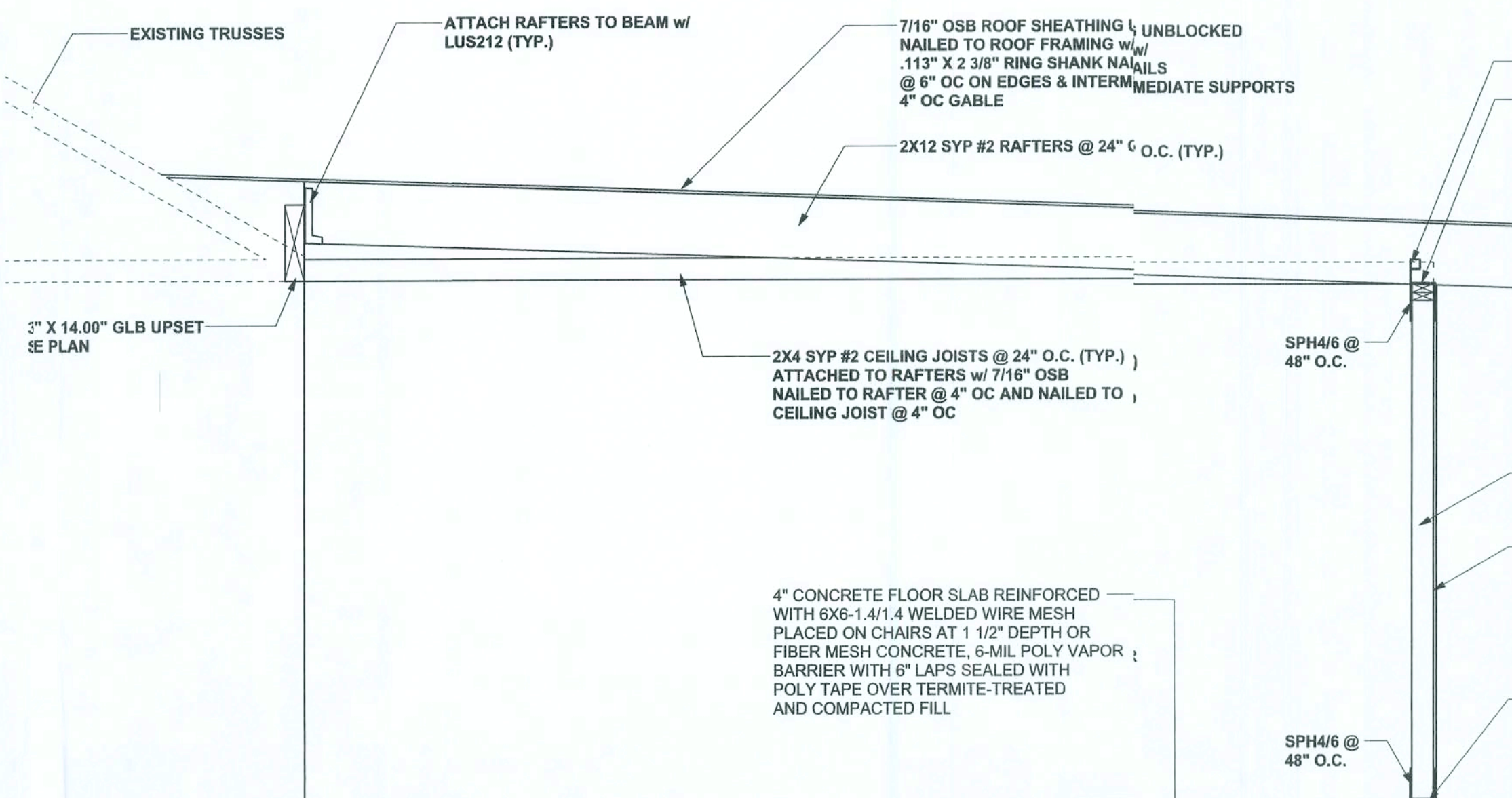


F9  
S-2  
STEM WALL FOOTING  
SCALE: 1/2" = 1'-0"

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 Diagonal ladder reinforcement at 16" OC 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



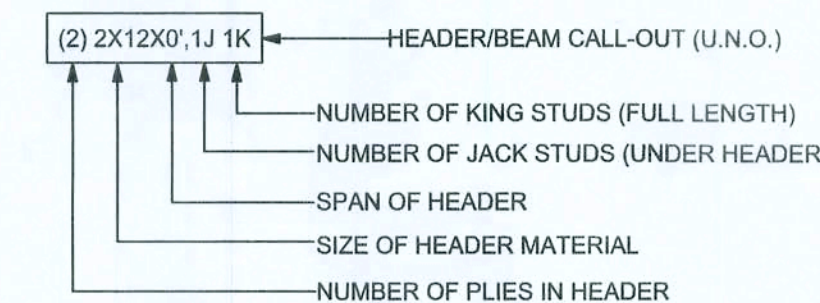
STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- 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 BCSH-03, BCSH-B1, BCSH-B2, & BCSH-B3. BCSH-B1, BCSH-B2, & BCSH-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

WALL LEGEND

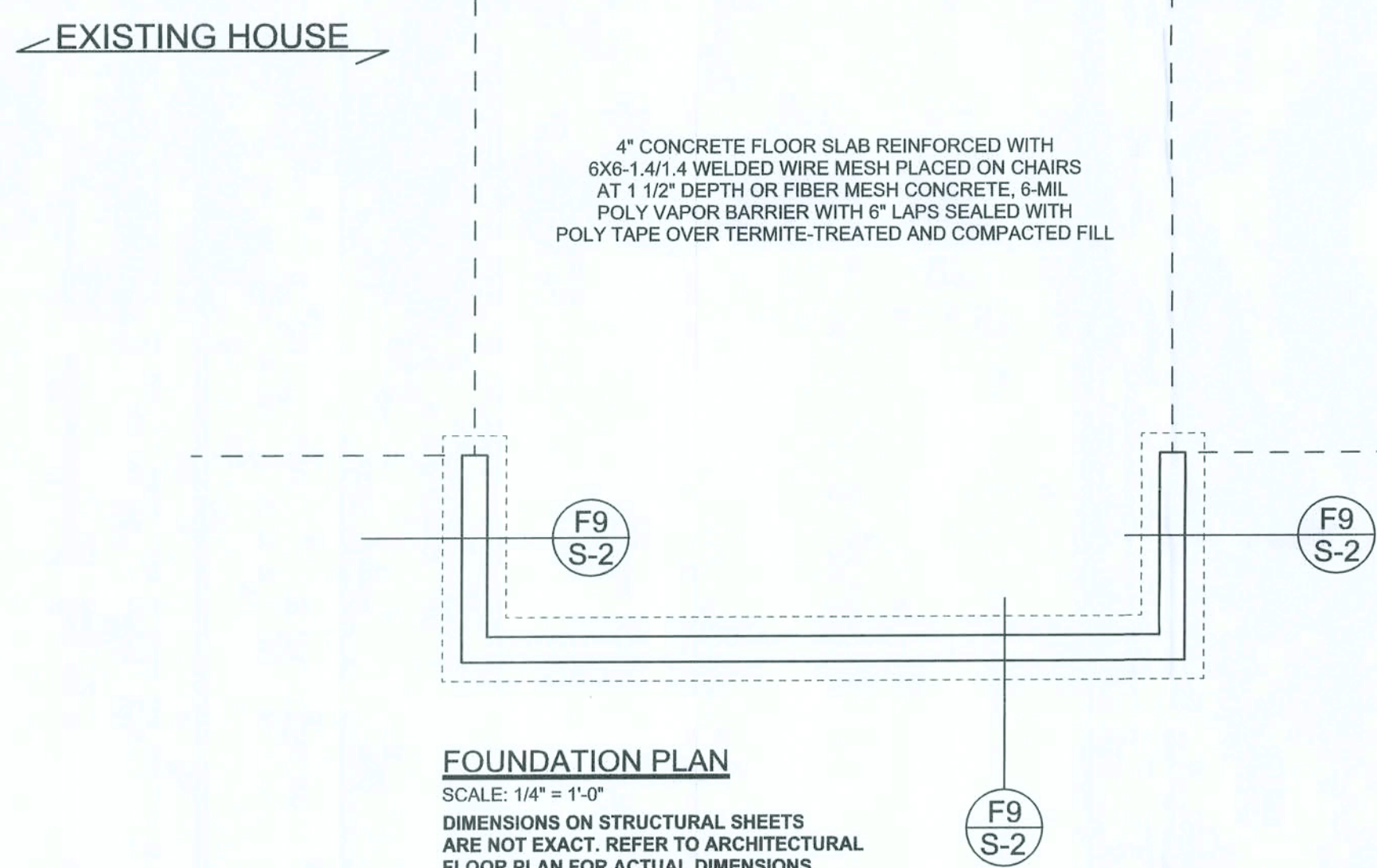
	EXTERIOR WALL
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT

HEADER LEGEND



TOTAL SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	7.5'	7.0'
LONGITUDINAL	N/A	N/A



WINDLOAD ENGINEER: Mark Dicosway,  
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32056, 386-754-5411

DIMENSIONS:  
Stated dimensions are scaled dimensions. Refer all dimensions to Mark Dicosway, 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 1301.2-1, Florida building code residential 200, to the best of my knowledge.

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

MARK DICOSWAY  
P.E. 53915

*Mark Dicosway*  
09/28/08  
SEAL

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Robert Reed  
Addition

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PRINTED DATE:  
December 08, 2008

DRAWN BY: STRUCTURAL BY:  
David Dicosway

FINALS DATE:  
8Dec08

JOB NUMBER:  
8-2053

DRAWING NUMBER

S-2

OF 1 SHEET