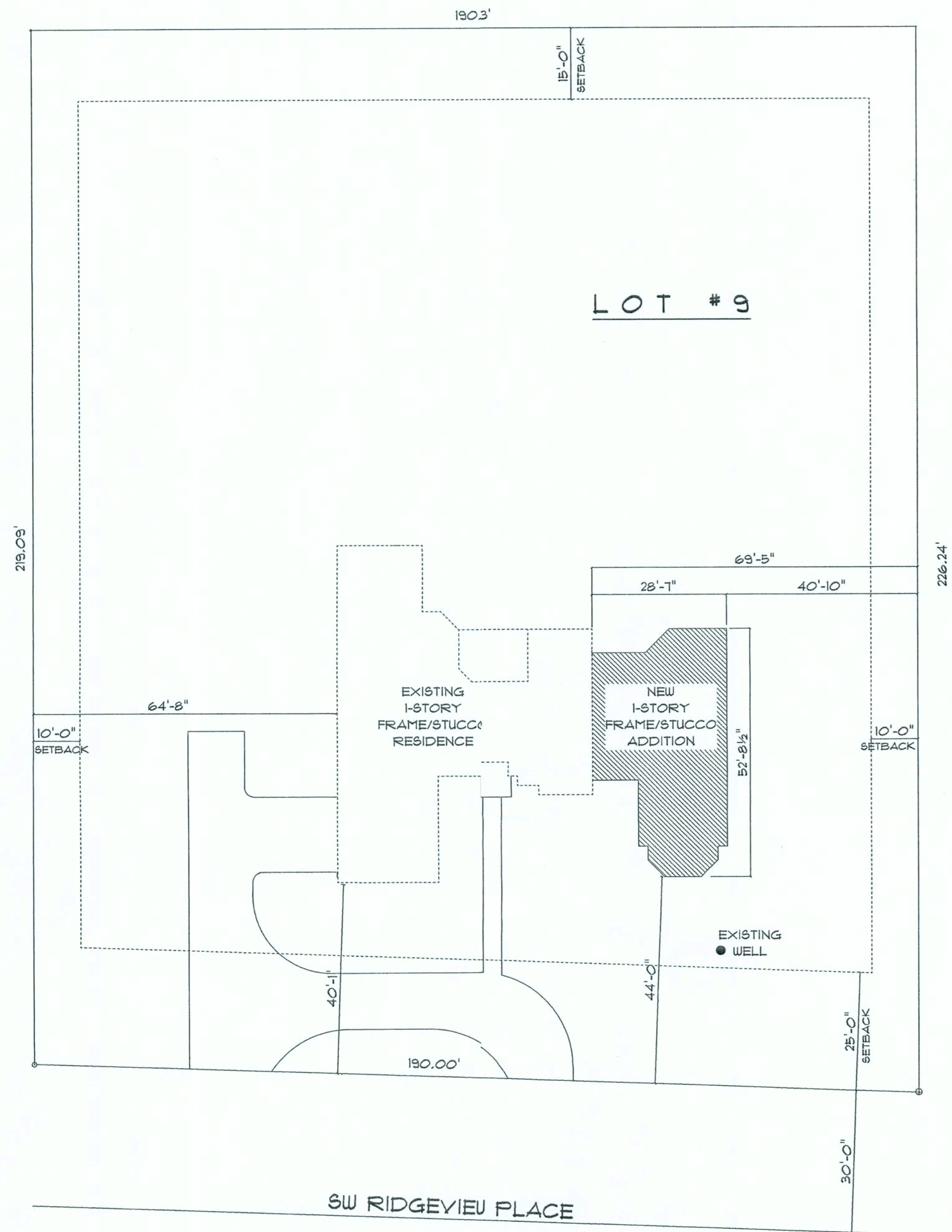


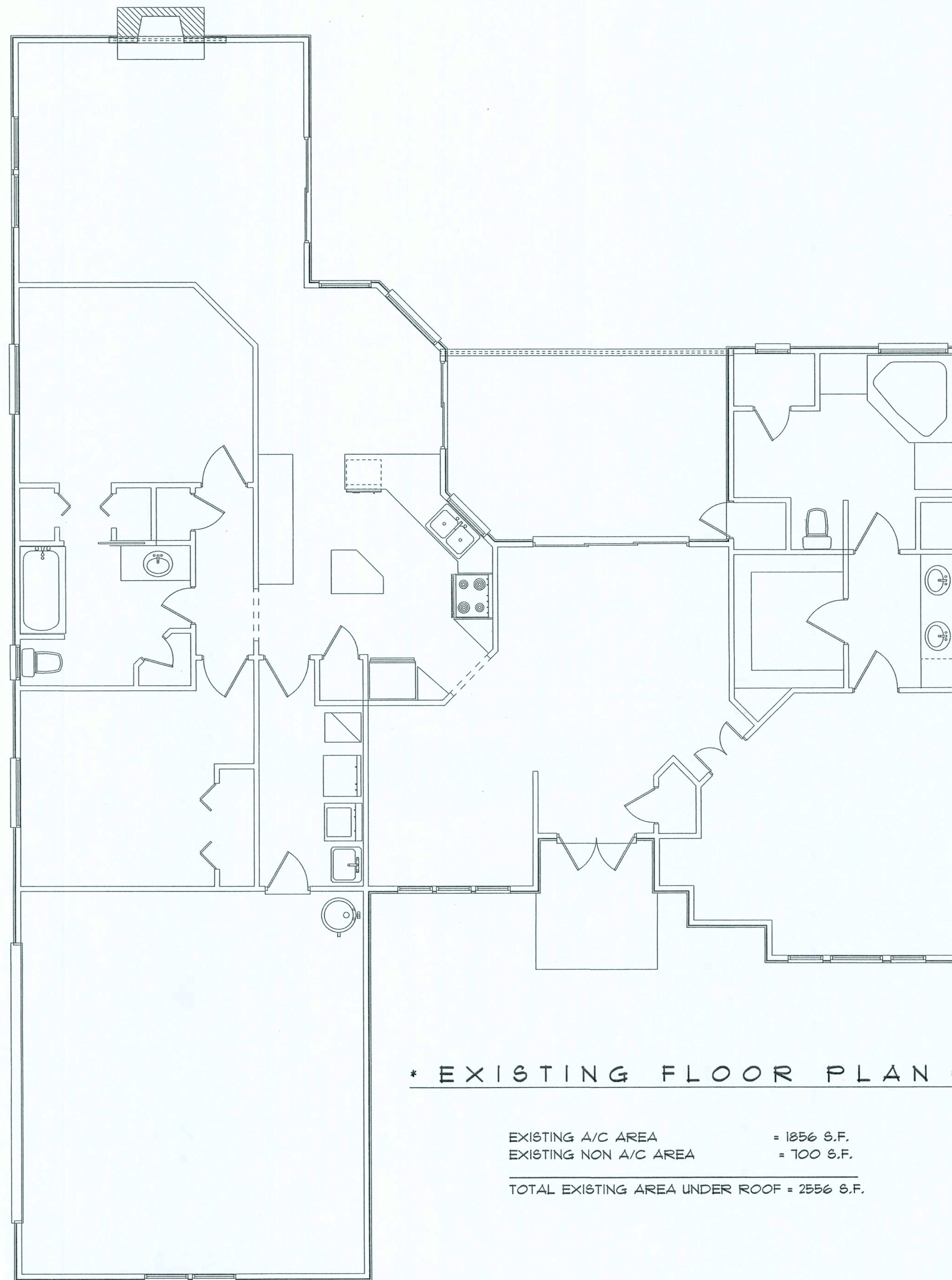
REVISIONS	

SOFTPLAN
ARCHITECTURAL CAD SOFTWARE



*** SITE PLAN ***

SCALE : 1" = 20'-0"



*** EXISTING FLOOR PLAN ***

EXISTING A/C AREA = 1856 S.F.
 EXISTING NON A/C AREA = 700 S.F.
 TOTAL EXISTING AREA UNDER ROOF = 2556 S.F.

REMODEL & ADDITION
 for
**FRITZ & JOANNA
 AMRHEIN**
 LAKE CITY
 FLORIDA

Teena M. Ruffo
 251 NW Hall of Fame Dr.
 Lake City, Florida 32055
 Phone: (386) 755-9993
 Cell: (386) 865-1191
 Email: easystree@lani.net

PRINTED DATE:
 November 7, 2005

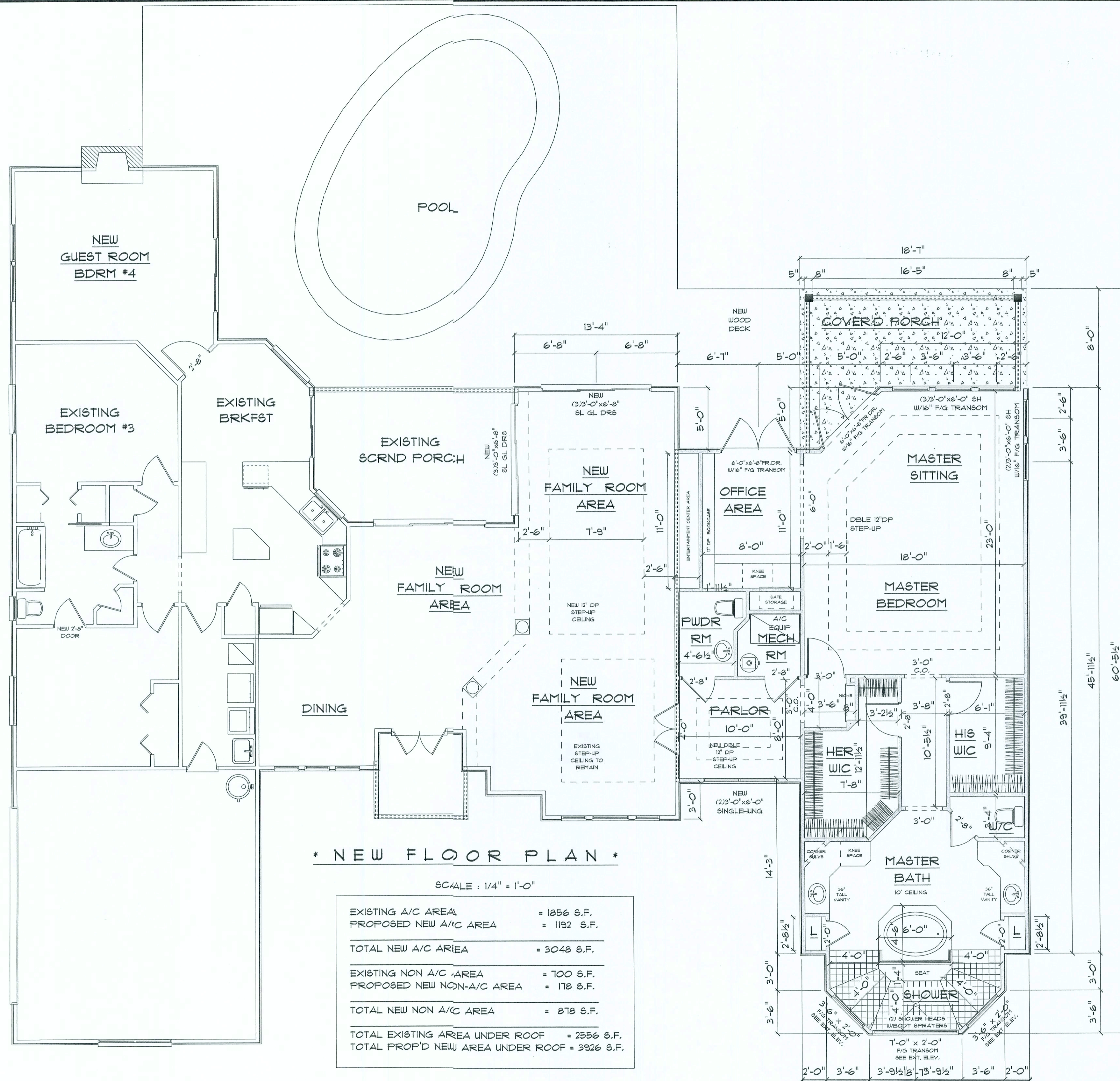
DRAWN BY: Teena M. Ruffo
 CHECKED BY:

DESIGNED BY:
Teena Ruffo

FINALS DATE:

JOB NUMBER:

DRAWING NUMBER
A-1
 OF 4 SHEETS



*** NEW FLOOR PLAN ***

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

EXISTING A/C AREA	= 1856 S.F.
PROPOSED NEW A/C AREA	= 1192 S.F.
TOTAL NEW A/C AREA	= 3048 S.F.
EXISTING NON A/C AREA	= 700 S.F.
PROPOSED NEW NON-A/C AREA	= 178 S.F.
TOTAL NEW NON A/C AREA	= 878 S.F.
TOTAL EXISTING AREA UNDER ROOF	= 2556 S.F.
TOTAL PROP'D NEW AREA UNDER ROOF	= 3926 S.F.

OVERALL DIMENSION

REMODEL & ADDITION

for
**FRITZ & JOANNA
AMREIN**

LAKE CITY
FLORIDA

Teena N. Ruffo
251 NW Hall of Fame Dr.
Lake City, Florida 32055
Phone: (386) 755 - 9993
Cell: (386) 367 - 1191
Email: easyteet@lani.net

PRINTED DATE:
November 17, 2005

DRAWN BY: Teena M. Ruffo
CHECKED BY:

DESIGNED BY:
Teena Ruffo

FINALS DATE:

JOB NUMBER:

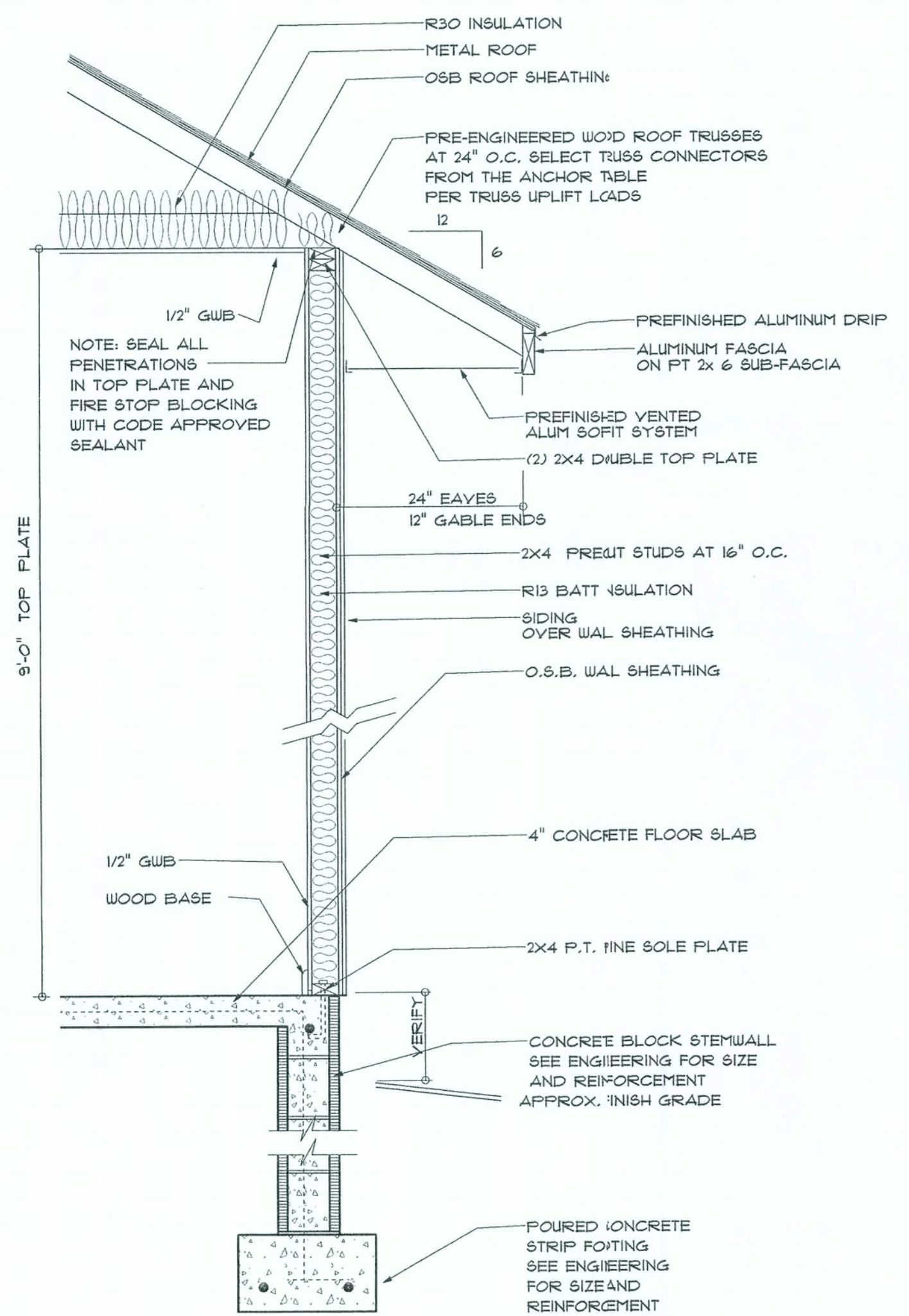
DRAWING NUMBER

4-2
OF 4 SHEETS

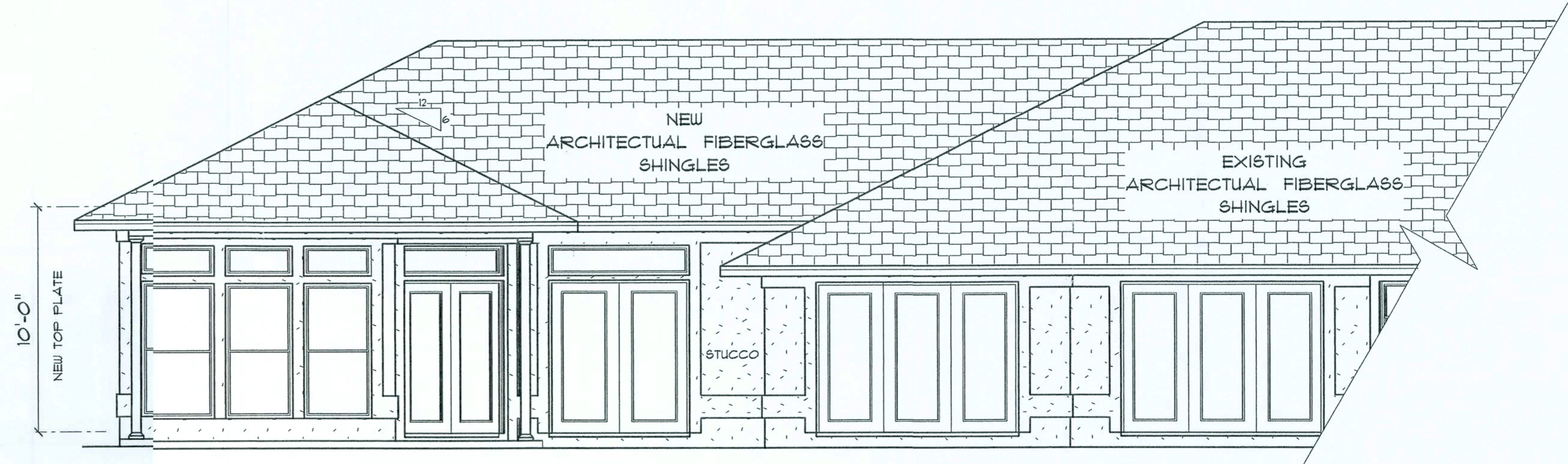


* FRONT ELEVATION *

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

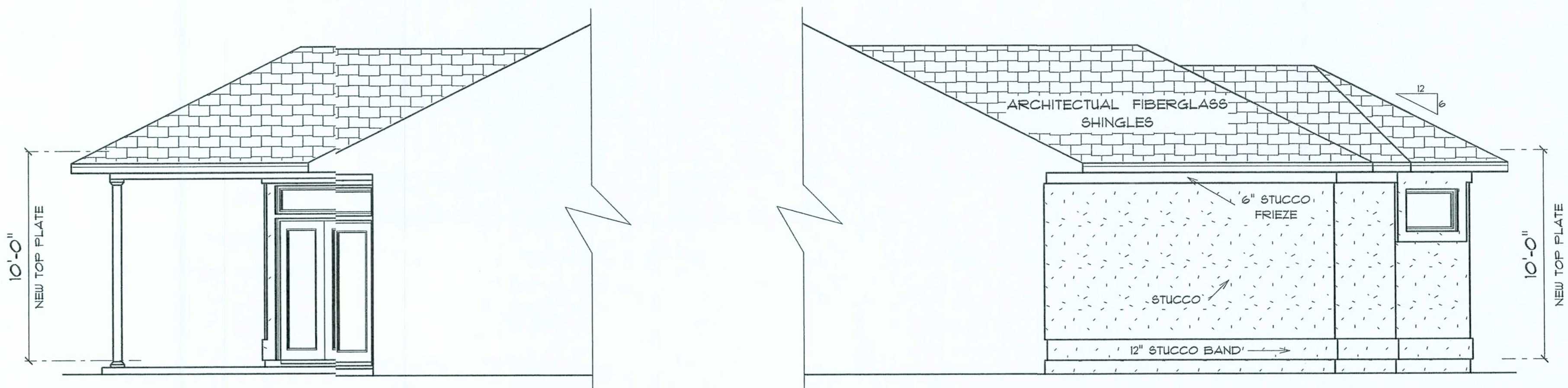


TYPICAL DESIGN WALL SECTION
NON - STRUCTURAL DATA
NOT TO SCALE



* PARTIAL REAR ELEVATION *

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



* PARTIAL LEFTSIDE ELEVATIONS *

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

REMODEL & ADDITION

for
**FRITZ & JOANNA
AMRHEIN**

LAKE CITY
FLORIDA

Teena M. Ruffo
251 NW Hall of Fame Dr.
Lake City Florida 32055
Phone: (386) 755 - 9993
Cell: (386) 867 - 1191
Email: eassstreet@tani.net

PRINTED DATE:
November 17, 2005

DRAWN BY: Teena M. Ruffo
CHECKED BY:

DESIGNED BY:
Teena Ruffo

FINALS DATE:

JOB NUMBER:

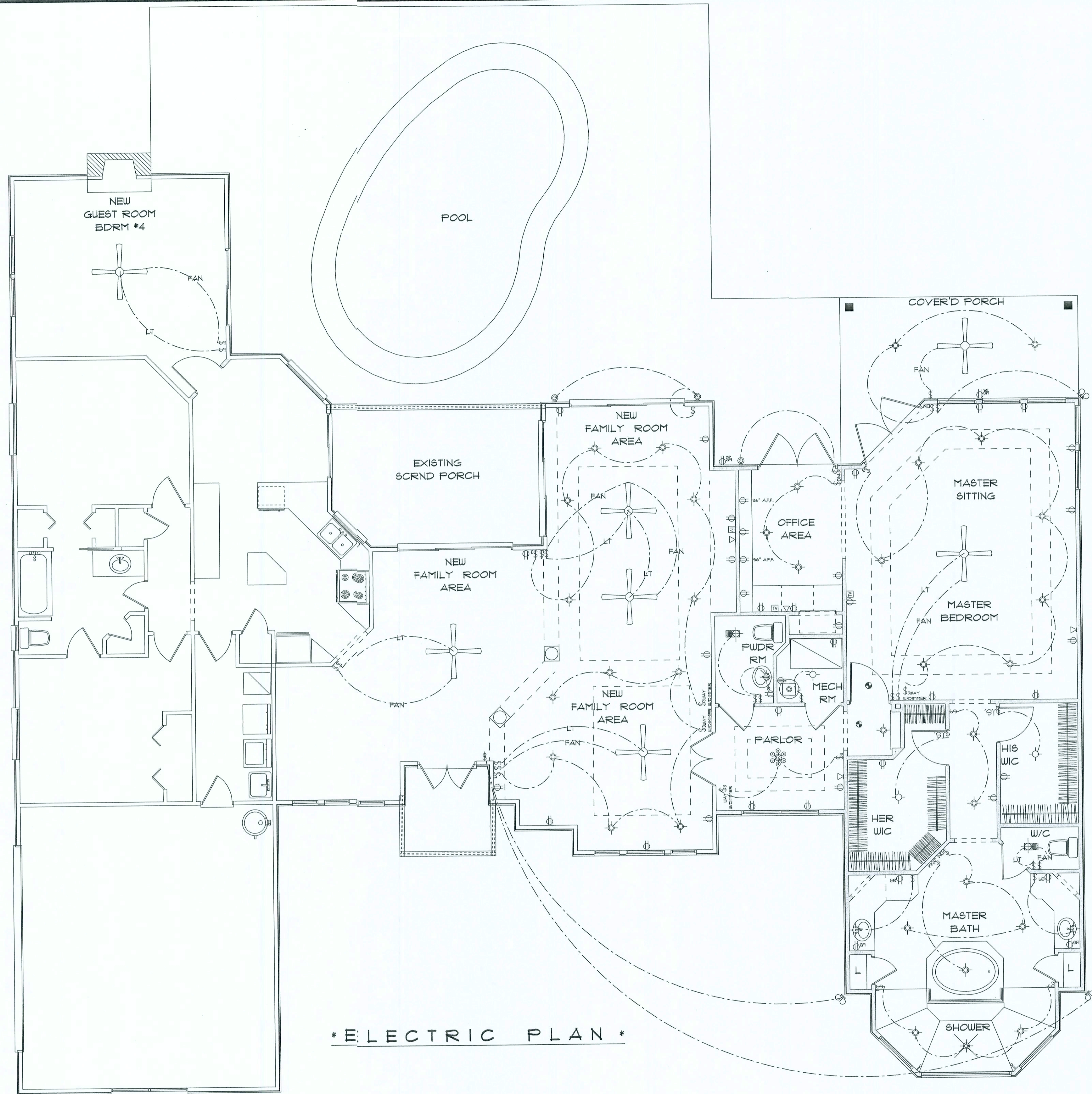
DRAWING NUMBER
A-3
OF 4 SHEETS

ELECTRICAL	COUNT	SYMBOL
chandelier	1	☼
wall mount l	3	⊙
3 way switch with dimmer	4	⊕
cable tv outlet	3	⊞
ceiling fan	7	⊕
dble flood lights	3	⊙
dimmer switch	4	⊕
gfi waterproof outlet	2	⊞
jamc switch	2	⊕
light	6	⊕
outlet	34	⊞
outlet 220v	2	⊞
outlet gfi	5	⊞
recessed can light	34	⊕
smoke detector	2	⊕
switch	23	⊕
switch 3 way	6	⊕
telephone	4	⊞
vent light combo	2	⊕

ELECTRICAL PLAN NOTES

- E-1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
- E-2 CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- E-4 ALL INSTALLATIONS SHALL BE PER NATIONAL ELECTRIC CODE
- E-3 ALL SMOKE DETECTORS SHALL BE 120V W/BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E-5 TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTION AND IN ACCORDANCE WITH APPLICABLE SECTIONS OF NATIONAL ELC. CODE LATEST EDITION.
- E-6 ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E-7 ENTRY OF SERVICE UNDERGROUND OR OVERHEAD) IS TO BE DETERMINED BY THE POWER COMPANY.
- E-8 ALL BEDROOM RECEPTALS ARE TO BE AFCI (ARC FAULT CIRCUIT INTERRUPT)

Overcurrent protection device shall be installed on the exterior of structures to serve as a disconnecting 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.



ELECTRIC PLAN

REMODEL & ADDITION

for
**FRITZ & JOANNA
AMRHEIN**

LAKE CITY
FLORIDA

Teena M. Ruffo
251 NW Hall o Fame Dr.
Lake City, Florida 32055
Phone: (386) 255 - 9993
Cell: (386) 817 - 1191
Email: teena@teena.net

PRINTED DATE:
November 17, 2005

DRAWN BY: Teena M. Ruffo

CHECKED BY:

DESIGNED BY:
Teena Ruffo

FINALS DATE:

JOB NUMBER:

DRAWING NUMBER

A-4

OF 4 SHEETS

NO.	REVISIONS



GENERAL NOTES:

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCR 2004. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS TO TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER AND SHALL BE SIGNED & SEALED BY THE MANUFACTURER'S DESIGN ENGINEER. IT IS THE BUILDER'S RESPONSIBILITY TO VERIFY THE TRUSS DESIGNER FULLY SATISFIED ALL THE ABOVE REQUIREMENTS AND TO SELECT UPLIFT CONNECTIONS BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGS FOR INTERIOR BEARING WALLS. BUILDER IS TO FURNISH TRUSS ENGINEERING TO WIND LOAD ENGINEER FOR REVIEW OF TRUSS REACTIONS ON THE BUILDING STRUCTURE. STRAP 2X6 RAFTERS WITH MIN UPLIFT CONNECTION 415LB EACH END, 2X8 RAFTERS 700 LB EACH END.

SITE PREPARATION: SITE ANALYSIS AND PREPARATION IS NOT PART OF THIS PLAN
FOUNDATION: CONFIRM THAT THE FOUNDATION DESIGN & SITE CONDITIONS MEET GRAVITY LOAD REQUIREMENTS (ASSUME 1000 PSF BEARING CAPACITY UNLESS VISUAL OBSERVATION OR SOILS TEST PROVES OTHERWISE)
CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, $F_c = 3000$ PSI
WELDED WIRE REINFORCED SLAB: 6" x 6" W14 x W14, $F_y = 89$ KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.R.) CONFORMING TO ASTM A186, LOCATED IN MIDDLE OF THE SLAB, SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACINGS NOT TO EXCEED 3'

FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH 1/2 INCH TO 2 INCHES. DOSAGE AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD PER THE MANUFACTURER'S RECOMMENDATIONS. FIBERS TO COMPLY WITH ASTM C 1116. SUPPLIER TO PROVIDE ASTM C 1116 CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY BUILDING OFFICIAL.

CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT. THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF CUTS TO BE 12FT. DO NOT CUT W/M OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR APPROVAL. THE CONTROL JOINTS ARE NOT INTENDED TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

REBAR: ASTM A615, GRADE 60, DEFORMED BARS, $F_y = 60$ KSI, ALL LAP SPLICES 40" DB (25" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-86, U.N.O.

GLULAM BEAMS: GLULAM BEAM, GLB, 24F-V3SP, $F_b = 2.4$ ksi, $E = 1800$ ksi, UNO. SUPPLIER MAY SUPPLY AN ALTERNATE BEAM WITH EQUAL PROPERTIES OR MAY SUBMIT THEIR OWN SPEC. CALC'S.
ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL DIAPHRAGMS, 7/16" OSB SHEATHING, UNBLOCKED, APPLIED PERPENDICULAR TO FRAMING, OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL EDGES STAGGERED, FASTENED WITH 8 COMMON NAILS (131) 1" OC PANEL EDGES, 12"OC INTERMEDIATE MEMBERS, GABLE ENDS AND DIAPHRAGM BOUNDARY, 4"OC, UNO.

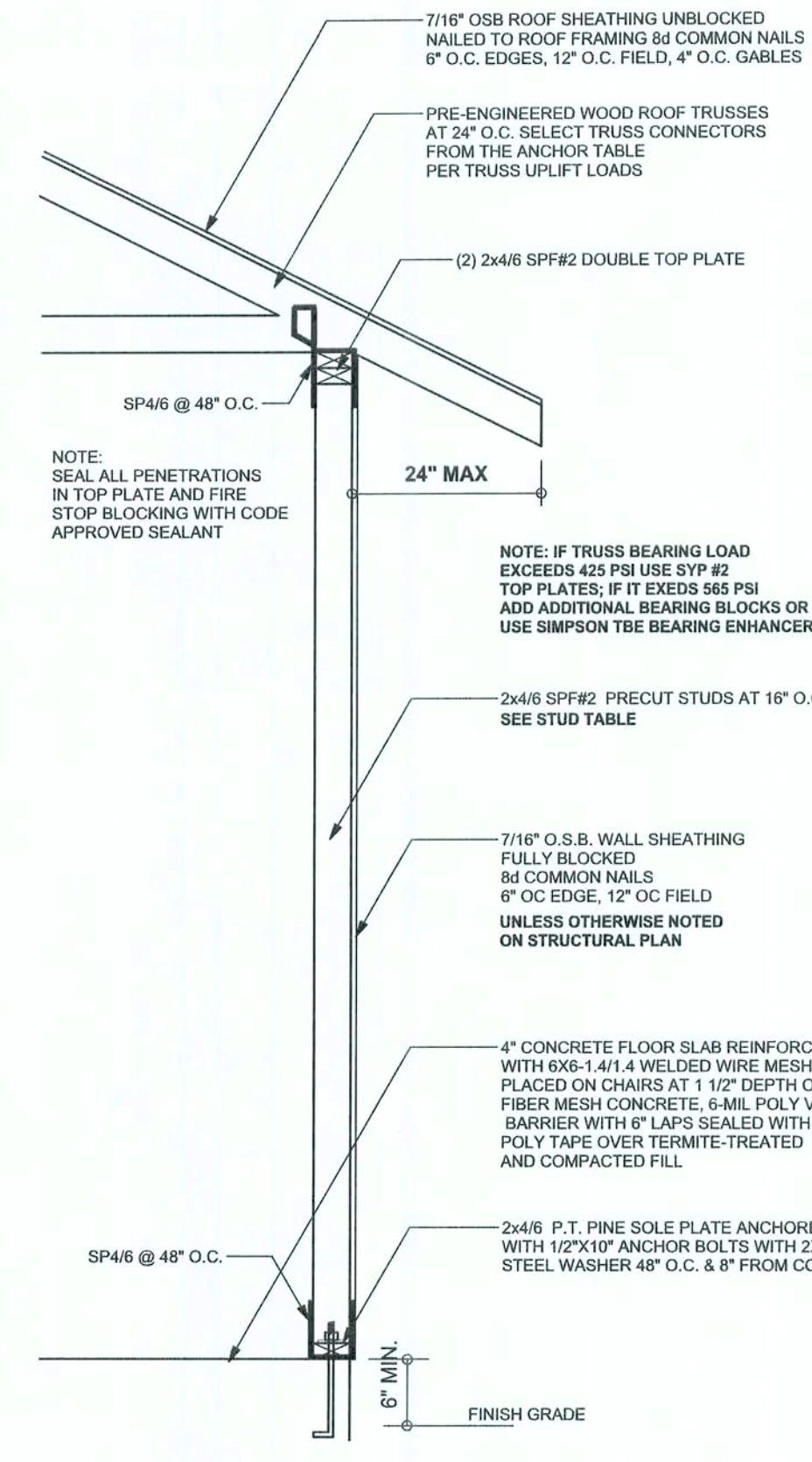
STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT NUMBER FOR CONNECTORS, ANCHORS, AND REINFORCEMENT ARE LISTED FOR EXAMPLE NOT ENDORSEMENT. AN EQUIVALENT DEVICE OF THE SAME OR OTHER MANUFACTURER CAN BE SUBSTITUTED FOR ANY DEVICES LISTED IN THE EXAMPLE TABLES AS LONG AS IT MEETS THE REQUIRED LOAD CAPACITIES. MANUFACTURER'S INSTALLATION INSTRUCTIONS MUST BE FOLLOWED TO ACHIEVE RATED LOADS.

ANCHOR BOLTS: A-307 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN 7" IN CONCRETE OR REINFORCED BOND BEAM OR 15" IN GROUTED CMU.
WASHERS: WASHERS USED WITH 1/2" BOLTS TO BE 2" x 2" x 9/64"; WITH 5/8" BOLTS TO BE 3" x 3" x 9/64"; WITH 3/4" BOLTS TO BE 3" x 3" x 9/64"; WITH 7/8" BOLTS TO BE 3" x 3" x 5/16"; UNO.
NAILS: ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED OR ACCEPTED BY FBC TEST REPORTS AS HAVING EQUAL STRUCTURAL VALUES.

BUILDER'S RESPONSIBILITY
THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARE SPECIFICALLY NOT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK.
 CONFIRM SITE CONDITIONS, FOUNDATION BEARING CAPACITY, GRADE AND BACKFILL HEIGHT, WIND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.
 PROVIDE MATERIALS AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBCR 2004 REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES.
 PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU BELIEVE THE PLAN OMMITS A CONTINUOUS LOAD PATH CONNECTION, CALL THE WIND LOAD ENGINEER IMMEDIATELY.
 VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS TO TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS.

ANCHOR TABLE

UPLIFT LBS. SYP	UPLIFT LBS. SPF	TRUSS CONNECTOR*	TO PLATES	TO RAFTER/TRUSS	TO STUDS
< 420	< 245	HEA	3-8d	3-8d	
< 455	< 265	H5	4-8d	4-8d	
< 380	< 235	H4	4-8d	4-8d	
< 455	< 320	H3	4-8d	4-8d	
< 415	< 365	H2.5	5-8d	5-8d	
< 600	< 535	H2.5A	5-8d	5-8d	
< 950	< 820	H8	8-8d	8-8d	
< 745	< 565	H8	5-10d, 1 1/2"	5-10d, 1 1/2"	
< 1465	< 1050	H14.1	13-8d	12-8d, 1 1/2"	
< 1465	< 1050	H14.2	15-8d	12-8d, 1 1/2"	
< 990	< 850	H10.1	8-8d, 1 1/2"	8-8d, 1 1/2"	
< 760	< 655	H10.2	6-10d	6-10d	
< 1470	< 1265	H16-1	10-10d, 1 1/2"	2-10d, 1 1/2"	
< 1470	< 1265	H16-2	10-10d, 1 1/2"	2-10d, 1 1/2"	
< 1450	< 1245	HTS24C	7-10d 1 1/2"	7-10d 1 1/2"	
< 2900	< 2490	2-HTS24	12-10d 1 1/2"	12-10d 1 1/2"	
< 2050	< 1785	LG2	14-16d	14-16d	
		HEAVY GIRDER TIEDOWNS*			TO FOUNDATION
< 3965	< 3330	MG7	22-10d	14-8"	14-8" THREADED ROD 12" EMBEDMENT
< 10980	< 6485	HGT-2	16-10d	16-10d	2-5/8" THREADED ROD 12" EMBEDMENT
< 10530	< 9035	HGT-3	16-10d	16-10d	2-5/8" THREADED ROD 12" EMBEDMENT
< 9250	< 9250	HGT-4	16-10d	16-10d	2-5/8" THREADED ROD 12" EMBEDMENT
		STUD STRAP CONNECTOR*			TO STUDS
< 435	< 435	SSP DOUBLE TOP PLATE	3-10d	4-10d	
< 455	< 420	SSP SINGLE SILL PLATE	1-10d	4-10d	
< 825	< 825	DSP DOUBLE TOP PLATE	6-10d	8-10d	
< 825	< 600	DSP SINGLE SILL PLATE	2-10d	8-10d	
< 885	< 760	SP4		6-10d, 1 1/2"	
< 1240	< 1065	SPH4		10-10d, 1 1/2"	
< 885	< 760	SP6		6-10d, 1 1/2"	
< 1240	< 1065	SPH6		10-10d, 1 1/2"	
< 1235	< 1165	LSTA18	14-10d		
< 1235	< 1235	LSTA21	16-10d		
< 1030	< 1030	CS20	18-8d		
< 1705	< 1705	CS16	28-8d		
		STUD ANCHORS*			TO STUDS
< 1350	< 1305	LTT19	8-16d		
< 2310	< 2310	LTT31	18-10d, 1 1/2"		1/2" AB
< 2175	< 2570	HD2A	2-5/8" BOLTS		5/8" AB
< 4175	< 3695	HTT16	18-16d		5/8" AB
< 1400	< 1400	PAH4D2	16-16d		1/2" AB
< 3335	< 3335	HPAH2D2	16-16d		1/2" AB
< 2200	< 2200	ABU44	12-16d		1/2" AB
< 2300	< 2300	ABU66	12-16d		1/2" AB
< 2320	< 2320	ABU88	18-16d		2-5/8" AB



ONE STORY WALL SECTION
SCALE: 3/4" = 1'-0"

NOTE: SEAL ALL PENETRATIONS IN TOP PLATE AND FIRE STOP BLOCKING WITH CODE APPROVED SEALANT

NOTE: IF TRUSS BEARING LOAD EXCEEDS 455 PSF USE SYP #2 TOP PLATES; IF IT EXCEEDS 865 PSF ADD ADDITIONAL BEARING BLOCKS OR USE SIMPSON TBE BRACING ENHANCER

NOTE: 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 4" O.C. TOP & BOTTOM 6" O.C. EDGE, 12" O.C. FIELD

NOTE: 4" CONCRETE FLOOR SLAB REINFORCED WITH 6X6-1.41.4 WELDED WIRE MESH PLACED ON CHAIRS AT 1 1/2" DEPTH WITH FIBER MESH CONCRETE, 4-MIL POLY VAPOR BARRIER WITH 6" LAPS SEALED WITH POLY TAPE OVER TERMI-TREATED AND COMPACTED FILL

NOTE: 2x4/6 SYP #2 PRECUT STUDS AT 16" O.C. SEE STUD TABLE

NOTE: 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 4" O.C. TOP & BOTTOM 6" O.C. EDGE, 12" O.C. FIELD

NOTE: 2x4/6 SYP #2 DOUBLE TOP PLATE

NOTE: SP4/6 @ 48" O.C.

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

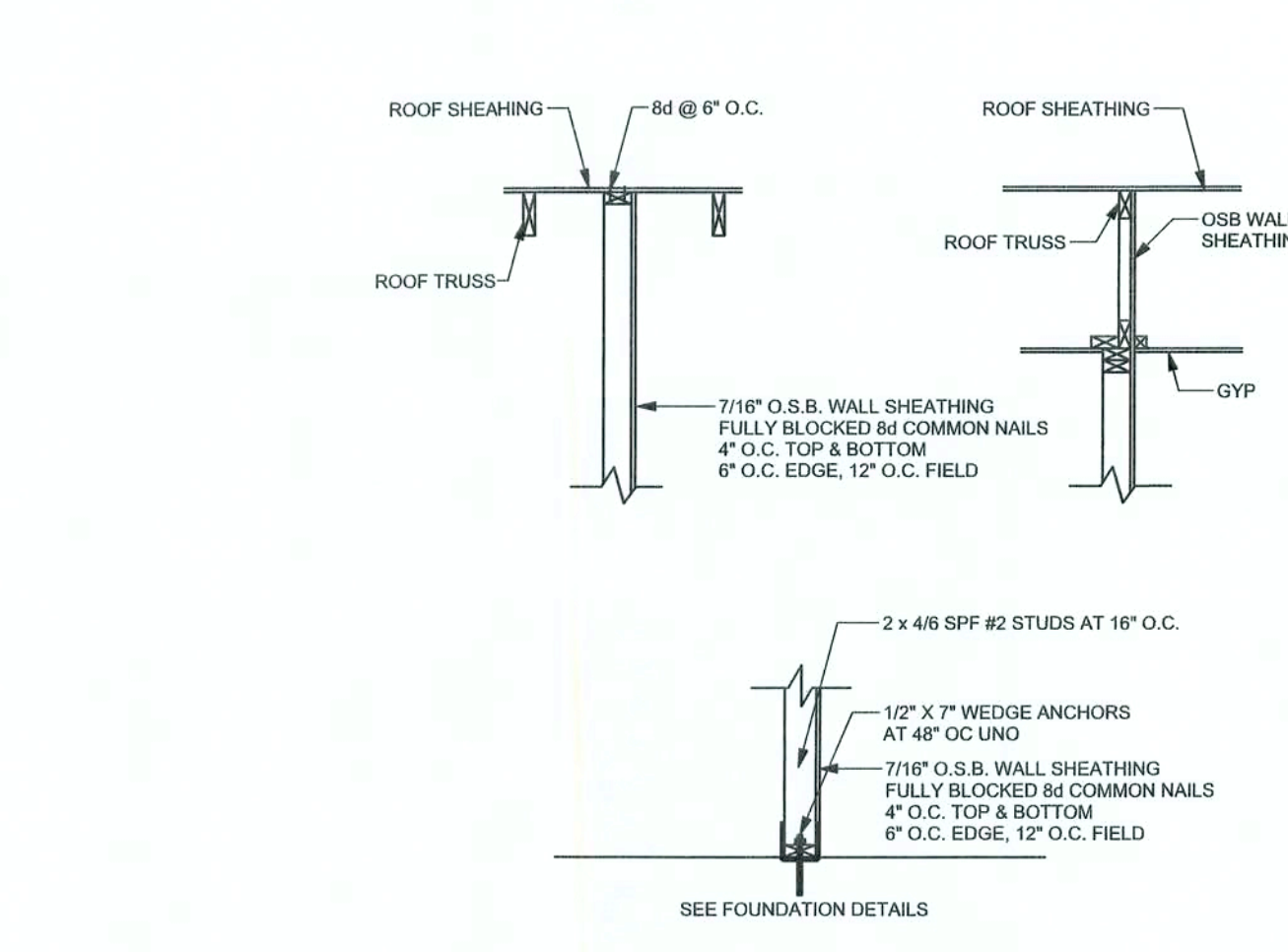
NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX



INTERIOR SHEAR WALL DETAIL
SCALE: 1/2" = 1'-0"

NOTE: IF TRUSS BEARING LOAD EXCEEDS 455 PSF USE SYP #2 TOP PLATES; IF IT EXCEEDS 865 PSF ADD ADDITIONAL BEARING BLOCKS OR USE SIMPSON TBE BRACING ENHANCER

NOTE: 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 4" O.C. TOP & BOTTOM 6" O.C. EDGE, 12" O.C. FIELD

NOTE: 2x4/6 SYP #2 PRECUT STUDS AT 16" O.C. SEE STUD TABLE

NOTE: 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 4" O.C. TOP & BOTTOM 6" O.C. EDGE, 12" O.C. FIELD

NOTE: 2x4/6 SYP #2 DOUBLE TOP PLATE

NOTE: SP4/6 @ 48" O.C.

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

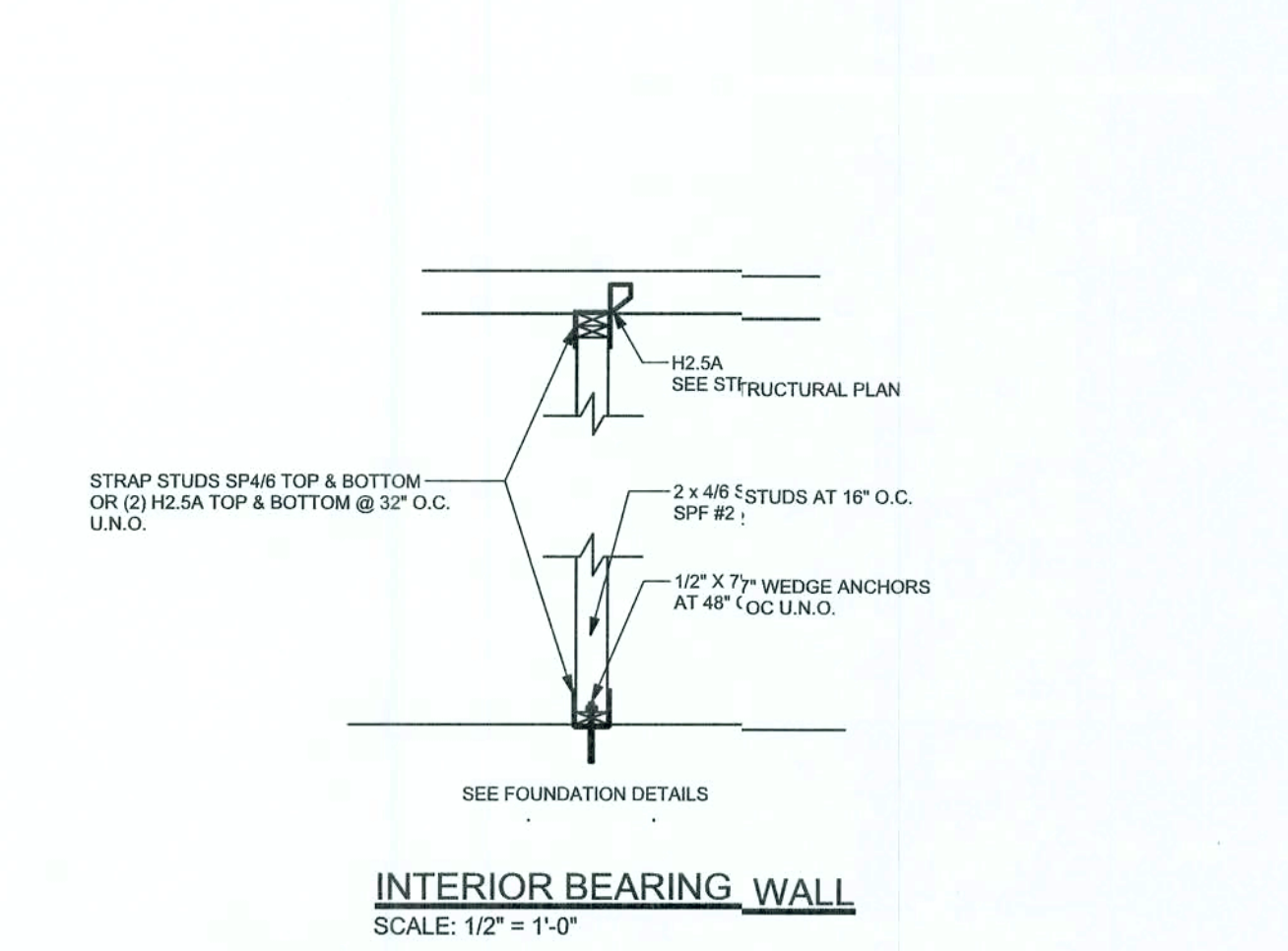
NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX



INTERIOR BEARING WALL
SCALE: 1/2" = 1'-0"

NOTE: IF TRUSS BEARING LOAD EXCEEDS 455 PSF USE SYP #2 TOP PLATES; IF IT EXCEEDS 865 PSF ADD ADDITIONAL BEARING BLOCKS OR USE SIMPSON TBE BRACING ENHANCER

NOTE: 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 4" O.C. TOP & BOTTOM 6" O.C. EDGE, 12" O.C. FIELD

NOTE: 2x4/6 SYP #2 PRECUT STUDS AT 16" O.C. SEE STUD TABLE

NOTE: 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 4" O.C. TOP & BOTTOM 6" O.C. EDGE, 12" O.C. FIELD

NOTE: 2x4/6 SYP #2 DOUBLE TOP PLATE

NOTE: SP4/6 @ 48" O.C.

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

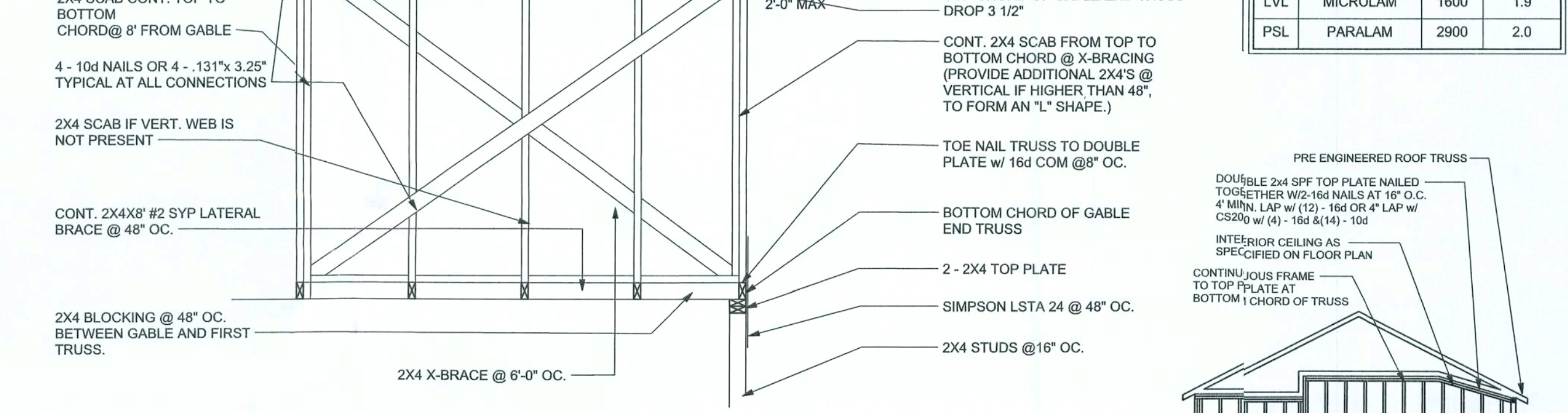
NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX

NOTE: 24" MAX



TYPICAL GABLE END (X-BRACING)
SCALE: 1/2" = 1'-0"

NOTE: ALL MEMBERS SHALL BE SYP

NOTE: 7/16" STRUCTURAL ROOF SHEATHING

NOTE: 2X4 OUTRIGGER @ 48" O.C.

NOTE: BLOCKING REQUIRED BETWEEN OUTRIGGERS

NOTE: (3) 131 X 3 1/4" GUN NAILS

NOTE: 2X4 BLOCKING @ SHEATHING JOINT 4" FROM GABLE END

NOTE: 2X4 SCAB CONT. TOP TO BOTTOM CHORD @ 8" FROM GABLE

NOTE: 4 - 10d NAILS OR 4 - 131 X 3 1/4" VERTICAL AT ALL CONNECTIONS

NOTE: 2X4 SCAB IF VERT. WEB IS NOT PRESENT

NOTE: CONT. 2X4X8" #2 SYP LATERAL BRACE @ 48" O.C.

NOTE: 2X4 BLOCKING @ 48" O.C. BETWEEN GABLE AND FIRST TRUSS.

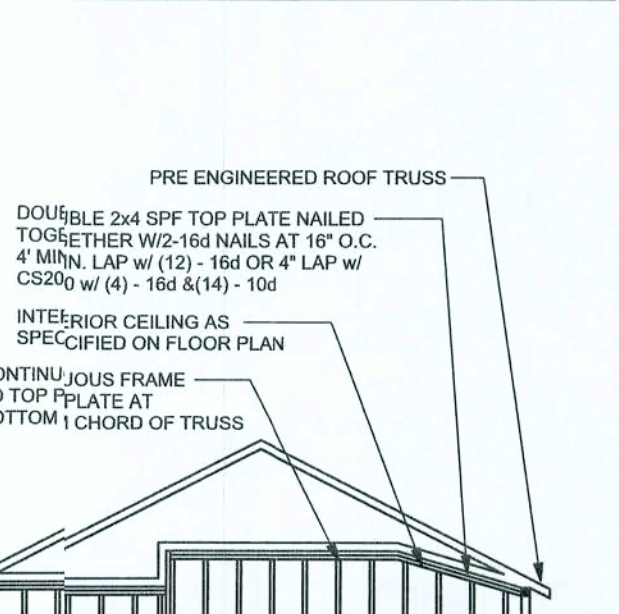
NOTE: 2X4 BLOCKING @ 48" O.C. BETWEEN GABLE AND FIRST TRUSS.

NOTE: 2X4 BLOCKING @ 48" O.C. BETWEEN GABLE AND FIRST TRUSS.

NOTE: 2X4 BLOCKING @ 48" O.C. BETWEEN GABLE AND FIRST TRUSS.

GRADE & SPECIES TABLE

Species	Fb (psi)	E (10 ⁶ psi)
2x8 SYP #2	1200	1.6
2x10 SYP #2	1050	1.6
2x12 SYP #2	975	1.6
GLB 24F-V3 SP	2400	1.8
L.S.L. TIMBERSTRAND	1700	1.7
L.V.L. MICROLAM	1600	1.9
PSL PARALAM	2900	2.0



CONTINUOUS FRAME TO CEILING DIAPHRAGM DETAIL
SCALE: N.T.S.

NOTE: ALL STUDS TO BE 2x4 SYP NAILED TO TOP AND BOTTOM PLATES WITH 2-16d NAILS

NOTE: PRE ENGINEERED ROOF TRUSS

NOTE: DOUBLE 2x4 SYP TOP PLATE NAILED TOGETHER W/2-16d NAILS AT 16" O.C. 4" MIN. LAP W/ (2) - 16d OR 4" LAP W/ CS20 w/ (4) - 16d (4) - 16d

NOTE: INTERIOR CEILING AS SPECIFIED ON FLOOR PLAN

NOTE: CONTINUOUS FRAME TO TOP PLATE AT BOTTOM CHORD OF TRUSS

NOTE: 2X4 TOP PLATE

NOTE: SIMPSON LSTA 24 @ 48" O.C.

NOTE: 2X4 STUDS @ 16" O.C.

NOTE: 2X4 STUDS @ 16" O.C.

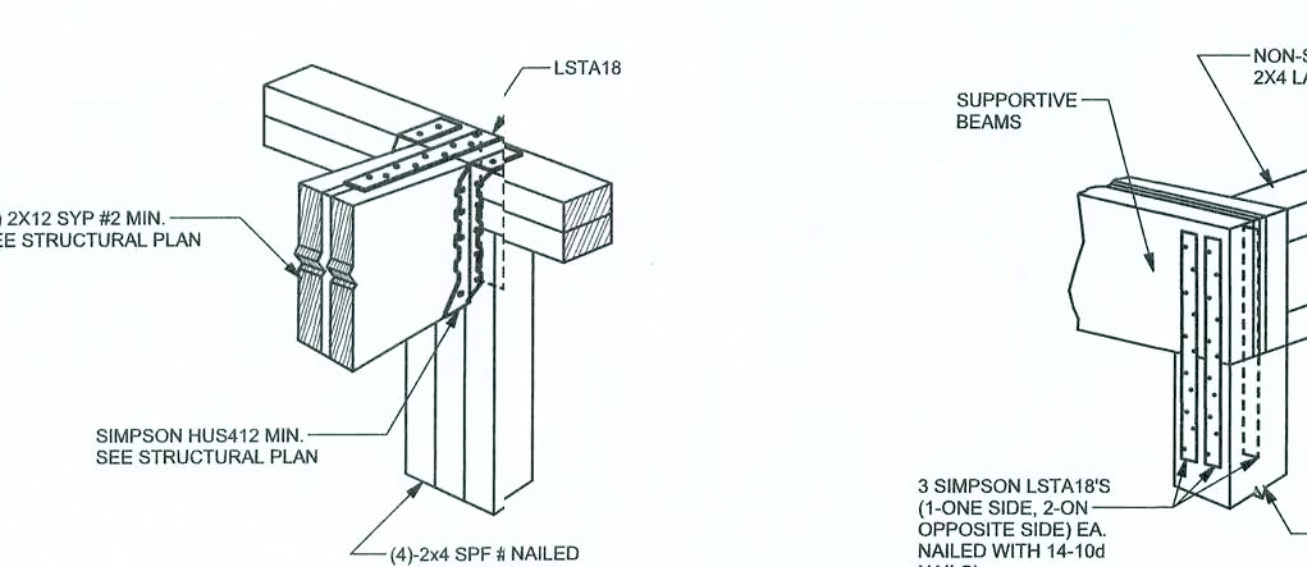
NOTE: 2X4 STUDS @ 16" O.C.

NOTE: 2X4 STUDS @ 16" O.C.

NOTE: 2X4 STUDS @ 16" O.C.

NOTE: 2X4 STUDS @ 16" O.C.

NOTE: 2X4 STUDS @ 16" O.C.



BEAM MID-WALL CONNECTION DETAIL
SCALE: N.T.S.

NOTE: SIMPSON HUS412 MIN. SEE STRUCTURAL PLAN

NOTE: (2) 2X12 SYP #2 MIN. SEE STRUCTURAL PLAN

NOTE: (1) 2x4 SYP #2 NAILED TOGETHER W/2-16d NAILS AT 16" O.C. MIN. (SEE STRUCTURAL PLAN)

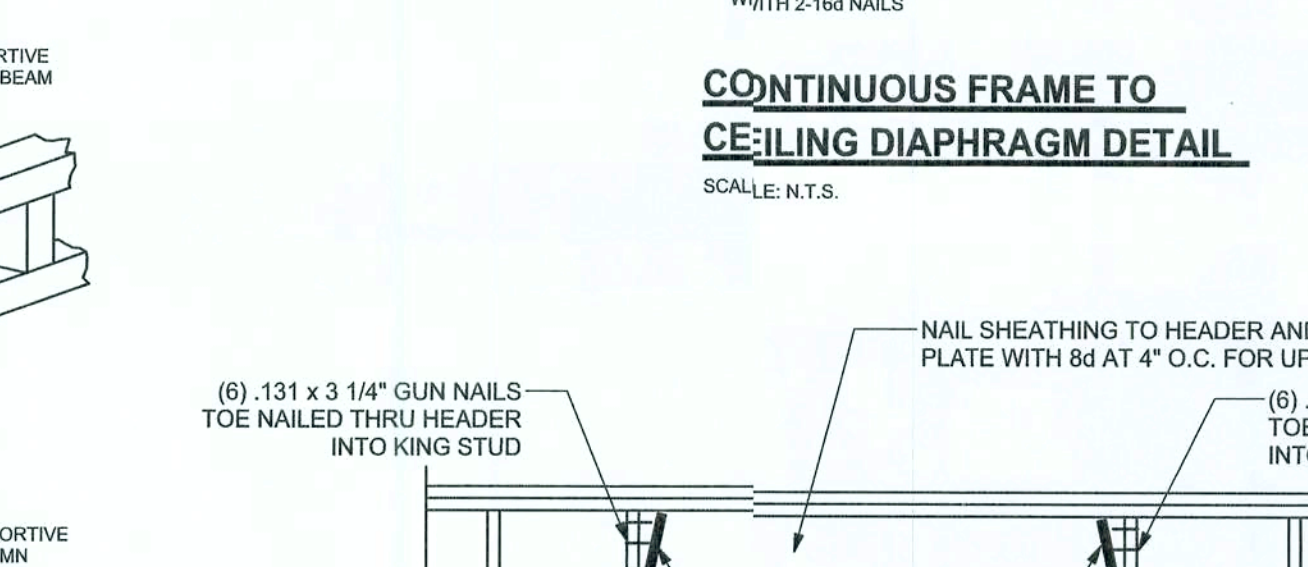
NOTE: SIMPSON LSTA18S (1-ONE SIDE, 2-ON OPPOSITE SIDE) EA NAILED WITH 14-10d NAILS

NOTE: SIMPSON HUS412 MIN. SEE STRUCTURAL PLAN

NOTE: (2) 2X12 SYP #2 MIN. SEE STRUCTURAL PLAN

NOTE: SIMPSON LSTA24

NOTE: SIMPSON HUS412 MIN. SEE STRUCTURAL PLAN



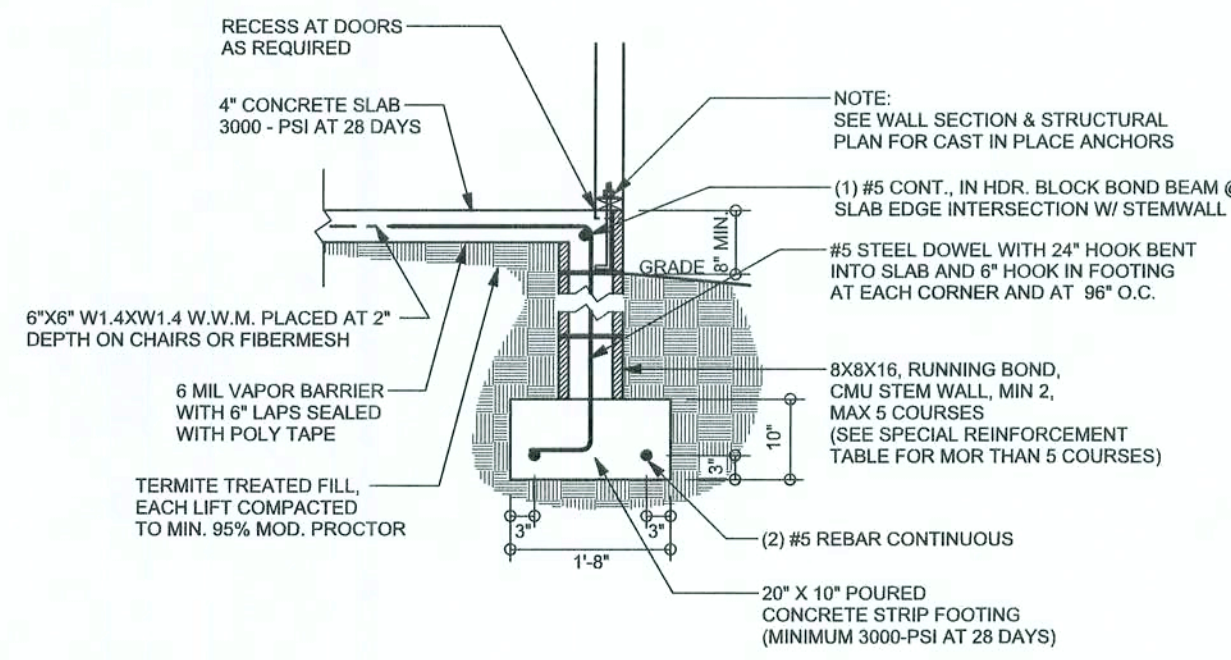
SUPPORTIVE POST TO BEAM DETAIL FOR SINGLE BEAM
SCALE: N.T.S.

NOTE: (6) 131 X 3 1/4" GUN NAILS TOE NAILED THRU HEADER INTO KING STUD

NOTE: NAIL SHEATHING TO HEADER AND TOP PLATE WITH 8d @ 4" O.C. FOR UPLIFT

REVISIONS	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

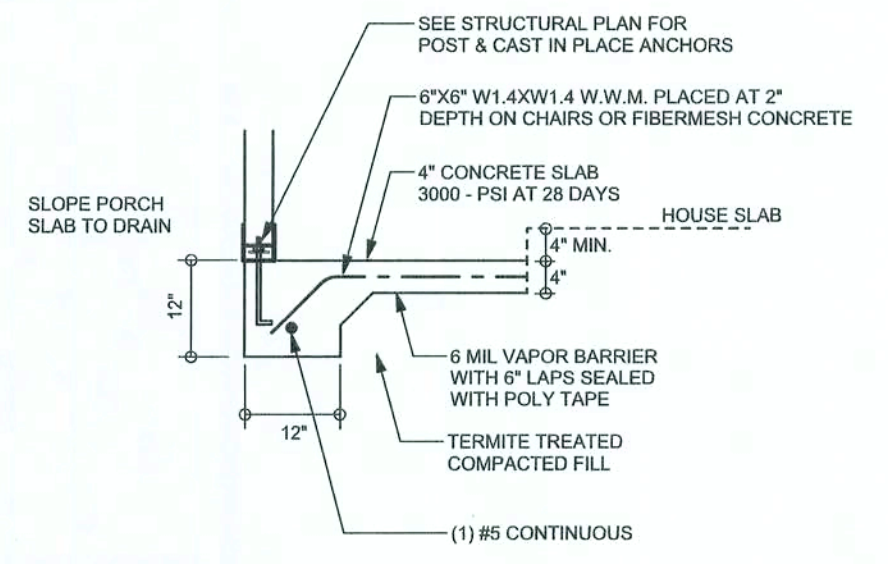


F9
S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"

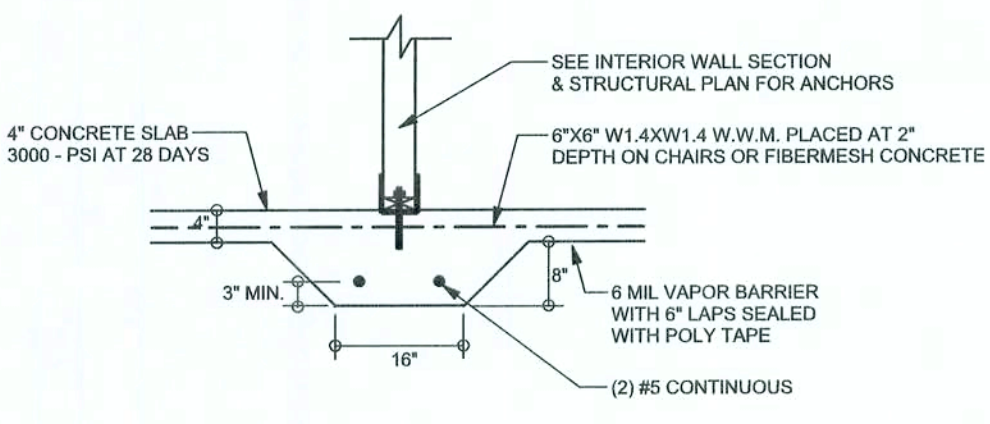
TALL STEM WALL TABLE

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 Durowall ladder reinforcement at 16" O.C. vertically or a horizontal bond beam with #5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

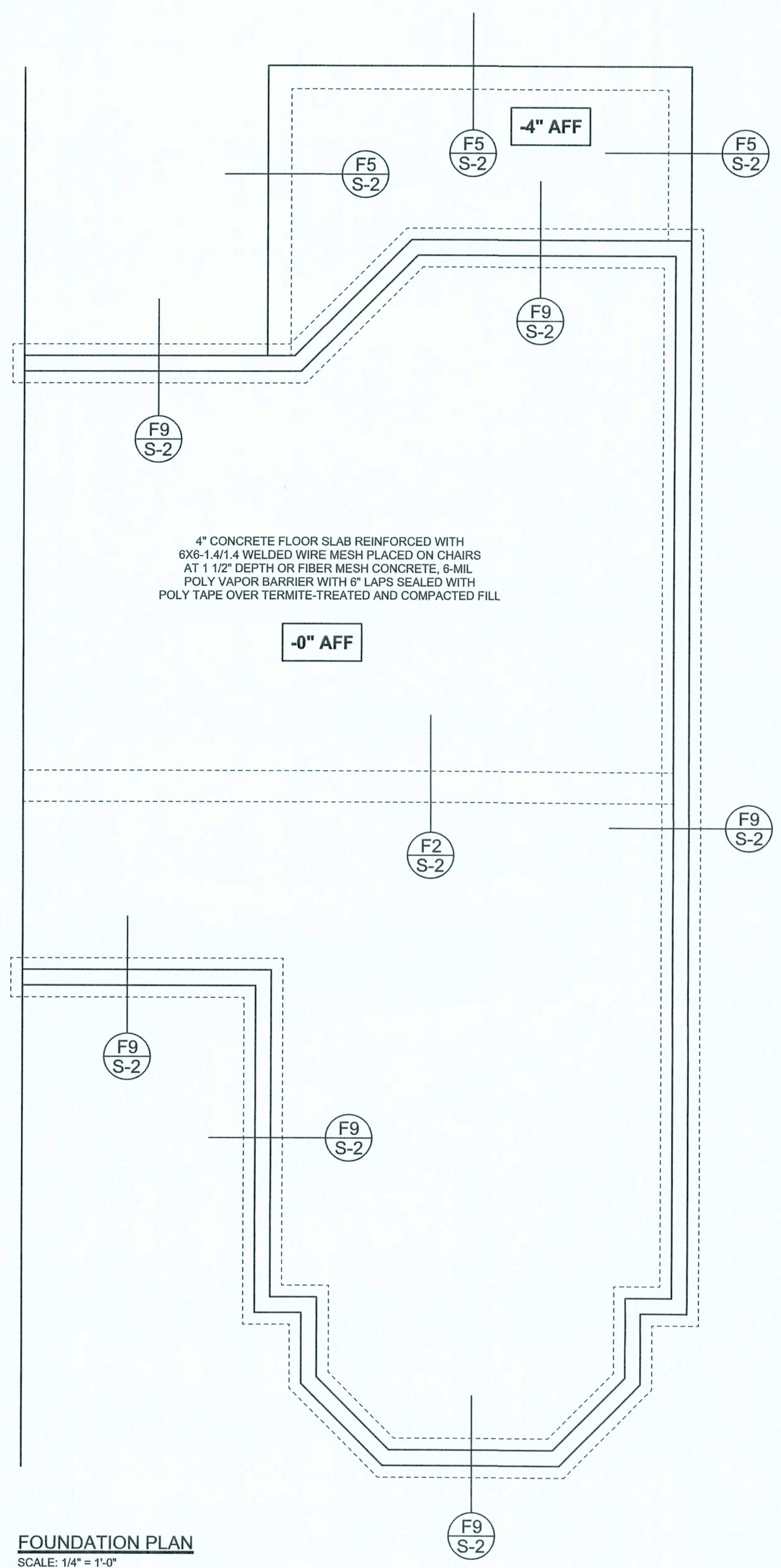
STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7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



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



F2
S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



WINDLOAD ENGINEER: Mark Disosway, P.E. No. 53915, POB 88, Lake City, FL 32056, 386-754-5411

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

COPYRIGHTS AND PROPERTY RIGHTS: Mark Disosway, P.E. hereby expressly reserves its common law copyright and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without first the express written permission and consent of Mark Disosway.

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 PD1.2.1, 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
01/11/06
REAL

Bryar Zecher Construction

Fritz & Joanna Amrhein Addition

ADDRESS:
408 SW Ridge View Pl.
Lake City, Florida 32024

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

PRINTED DATE:
January 09, 2006

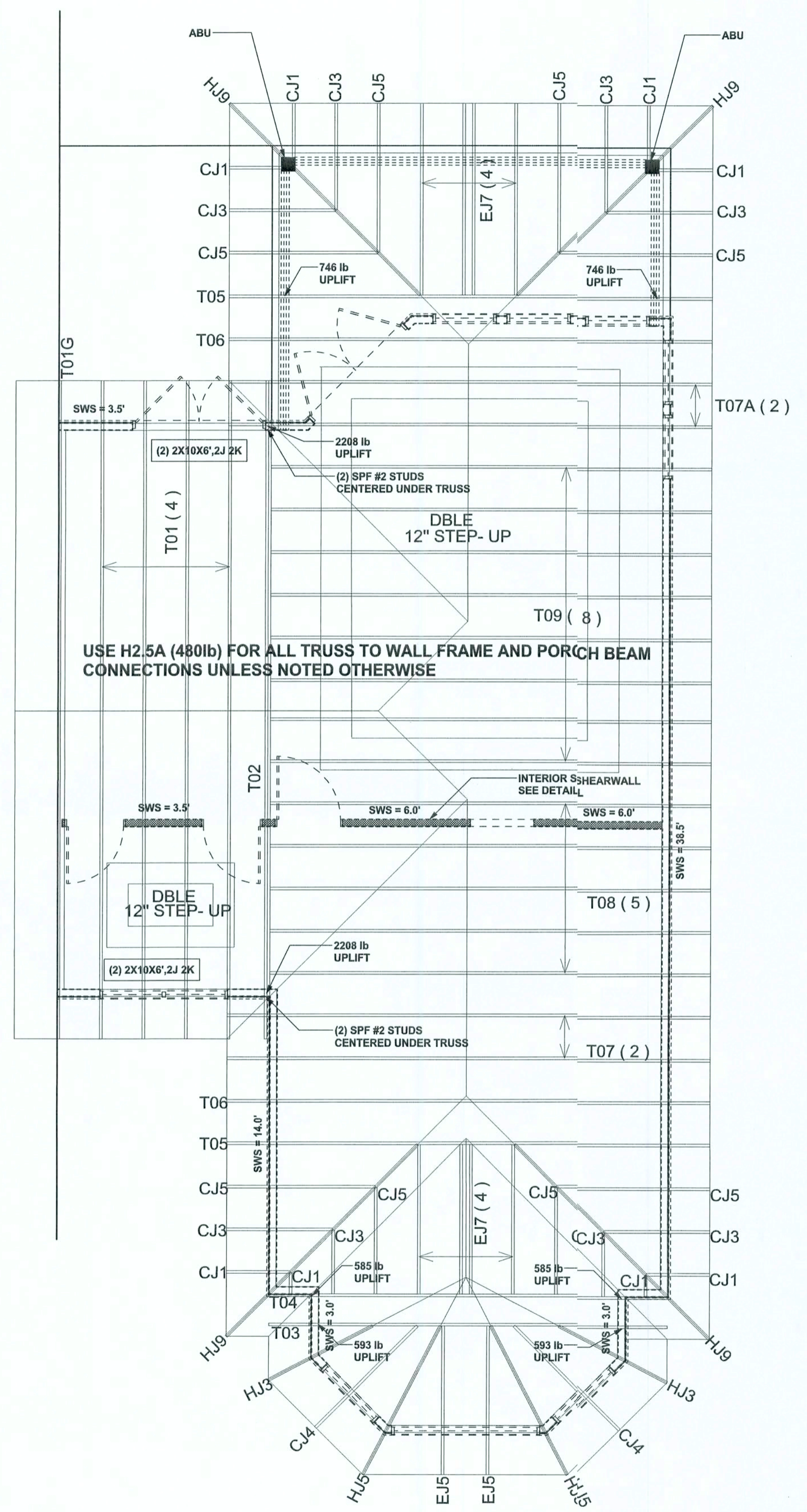
DRAWN BY: David Disosway CHECKED BY:

FINALS DATE:
09 / Jan / 06

JOB NUMBER:
601045

DRAWING NUMBER
S-2
OF 3 SHEETS

REVISIONS	



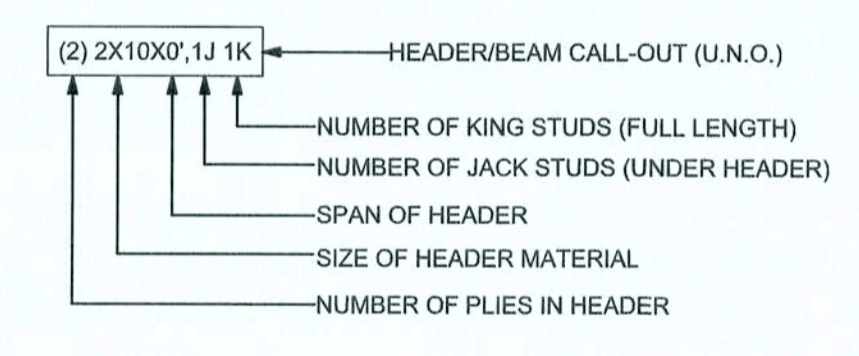
STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 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 5031.03. BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

WALL LEGEND

	1ST FLOOR EXTERIOR WALL WITH 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED & 8d COMMON NAILS 6" O.C. EDGE, 12" O.C. FIELD (U.N.O.)
	2ND FLOOR EXTERIOR WALL WITH 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED & 8d COMMON NAILS 6" O.C. EDGE, 12" O.C. FIELD (U.N.O.)
	1ST FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1
	2ND FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1

HEADER LEGEND



TOTAL SHEAR WALL SEGMENTS

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	22.5'	58.5'
LONGITUDINAL	18.5'	19.0'

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

WINDLOAD ENGINEER: Mark Discosway, P.E. No. 53915, F38 868, Lake City, FL 32056, 386-75419

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

COPYRIGHTS AND PROPERTY RIGHTS:
Mark Discosway, P.E. hereby expressly reserves its common law copyrights and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without first the express written permission and consent of Mark Discosway.

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 F301.2.1, Florida building code residential/DOCK, to the best of my knowledge.

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

MARK DISCOSWAY
P.E. 53915
Mark Discosway
09/09/06
SEAL

Bryan Zecher Construction

Fritz & Joanna Amrein Addition

ADDRESS:
408 SW Ridge View Pl.
Lake City, Florida 32024

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

PRINTED DATE:
January 09, 2006

DRAWN BY: David Discosway CHECKED BY:

FINAL DATE:
09 / Jan / 06

JOB NUMBER:
301045

DRAWING NUMBER:
S-3
OF 3 SHEETS

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB #L142498