

A CUSTOM HOME FOR:
BRIAN & BRITNEY PAPKA
 363 SW BLAYLOCK CT, LAKE CITY, FL 32024

SOLUTIONS THROUGH DESIGN
 JMW DESIGN ASSOCIATES
 2635 W. BURNING CLAY
 AUSTIN, TX 78745
 (512) 266-1188
 jmorris@seatt.net

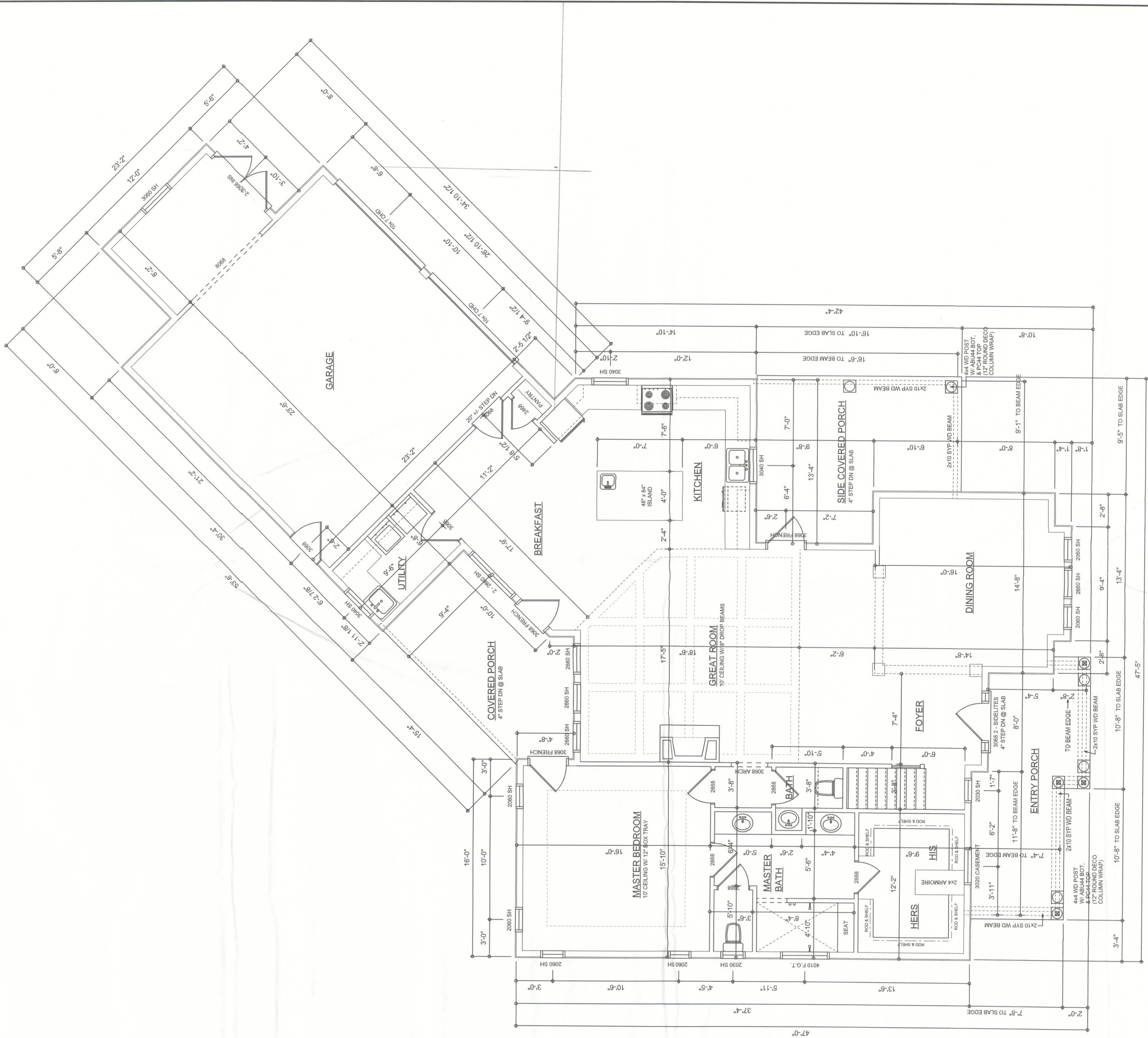
SHEET NAME
**FRONT & REAR
 ELEVATIONS**
 OF 6 SHEETS



A CUSTOM HOME FOR:
BRIAN & BRITNEY PAPKA
363 SW BLAYLOCK CT, LAKE CITY, FL 32024

JM DESIGN ASSOCIATES
SOLUTIONS THROUGH DESIGN
263 SW ERIN GLN.
LAKE CITY, FL
(386) 288-1188
jmorris@jmadt.net


SHEET NAME
**RIGHT & LEFT
ELEVATIONS**
OF 6 SHEETS



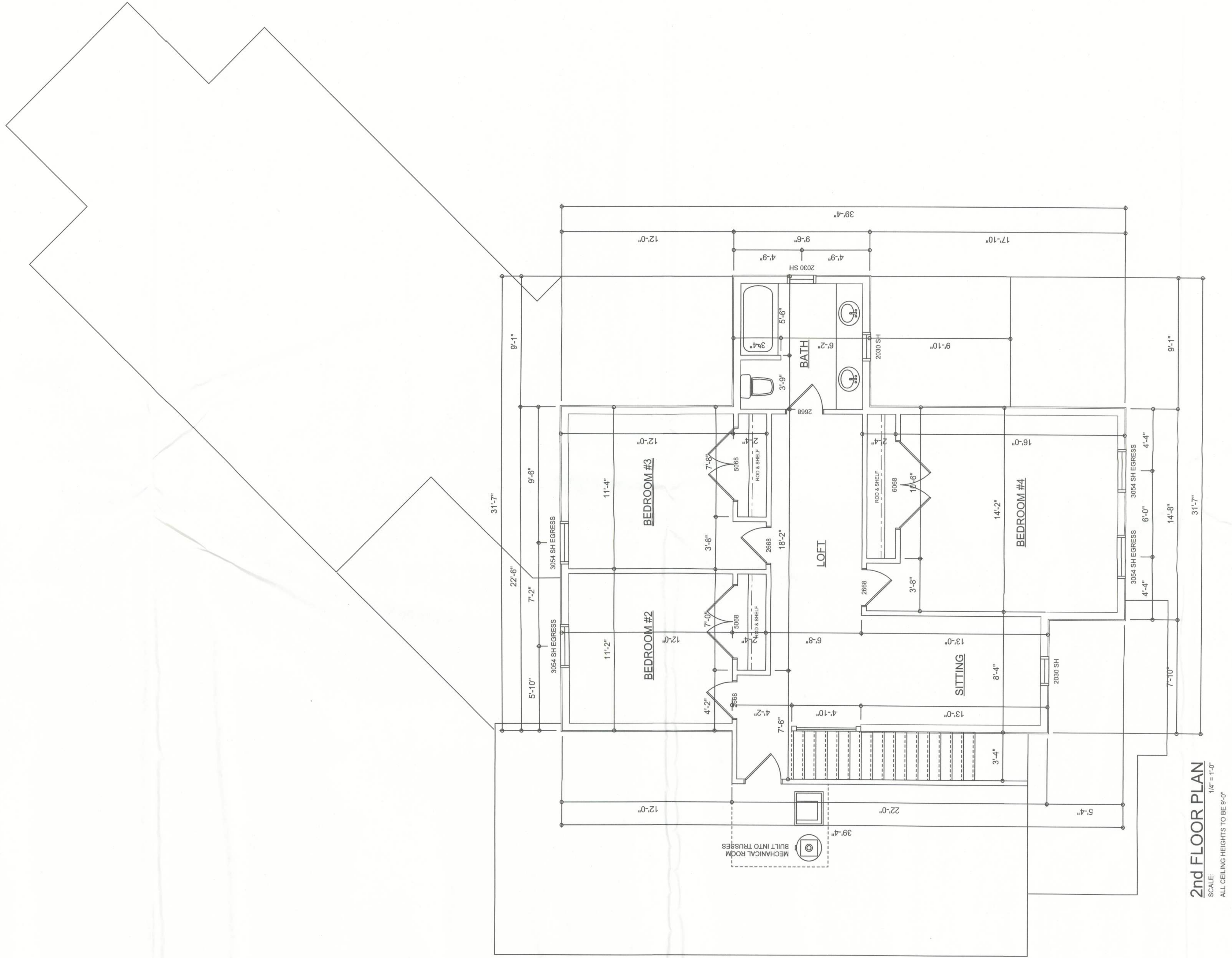
1st FLOOR PLAN
SCALE: 1/4" = 1'-0"
ALL CEILING HEIGHTS TO BE 10'

A R E A S U M M A R Y			
1st FLOOR AREA	1762	S.F.	
2nd FLOOR AREA	958	S.F.	
TOTAL LIVING	2720	S.F.	
GARAGE AREA	652	S.F.	
COVERED PORCH	152	S.F.	
SIDE COVERED PORCH	189	S.F.	
ENTRY PORCH	165	S.F.	
TOTAL AREA	3878	S.F.	

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SOLUTIONS THROUGH DESIGN
2639 W. MERIN GLN.
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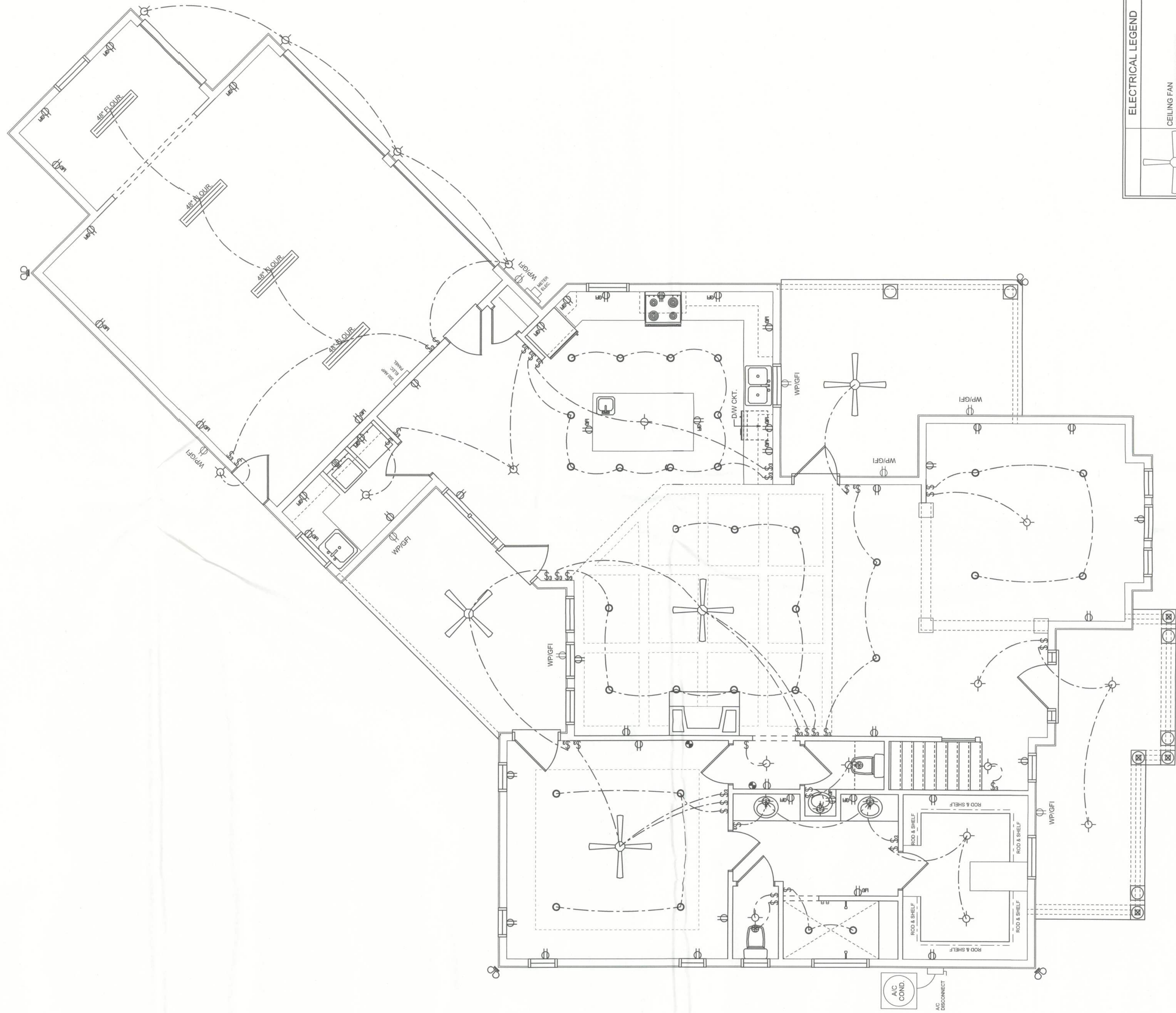


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**JMA**
DESIGN
ASSOCIATES

SOLUTIONS THROUGH DESIGN
263 SWEETING LN.
LAKE CITY, FL
(386) 288-1188
jmorris@seatt.net



1st FLOOR ELECTRICAL
SCALE: 1/4" = 1'-0"

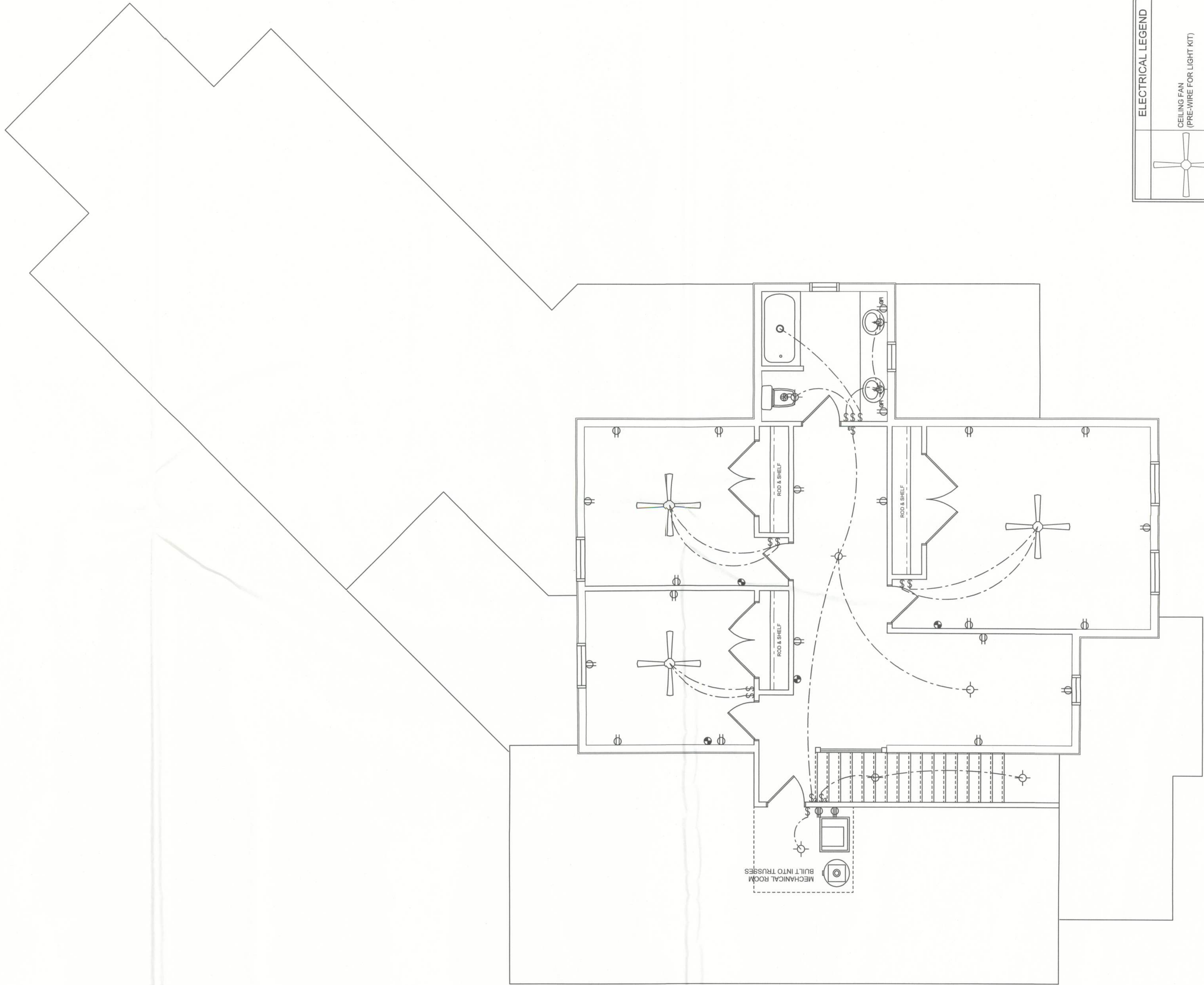
ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR (see note below)
	CARBON MONOXIDE DETECTOR
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 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 WIRING TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.

NOTE:
UPPER grounding required per N.E.C.
Arc fault breakers required per N.E.C.
GFI breakers required per N.E.C.
2 or 4 tub fluorescent fixtures required per N.E.C.

SOLUTIONS THROUGH DESIGN
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A CUSTOM HOME FOR:
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2nd FLOOR ELECTRICAL
SCALE: 1/4" = 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
	S.M.D. SMOKE DETECTOR (see note below)
	C.M.D. CARBON MONOXIDE DETECTOR
	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.

NOTE:
UPPER grounding required per N.E.C.
Arc fault breakers required per N.E.C.
GFI breakers required per N.E.C.
Water resistant receptacles required per N.E.C.



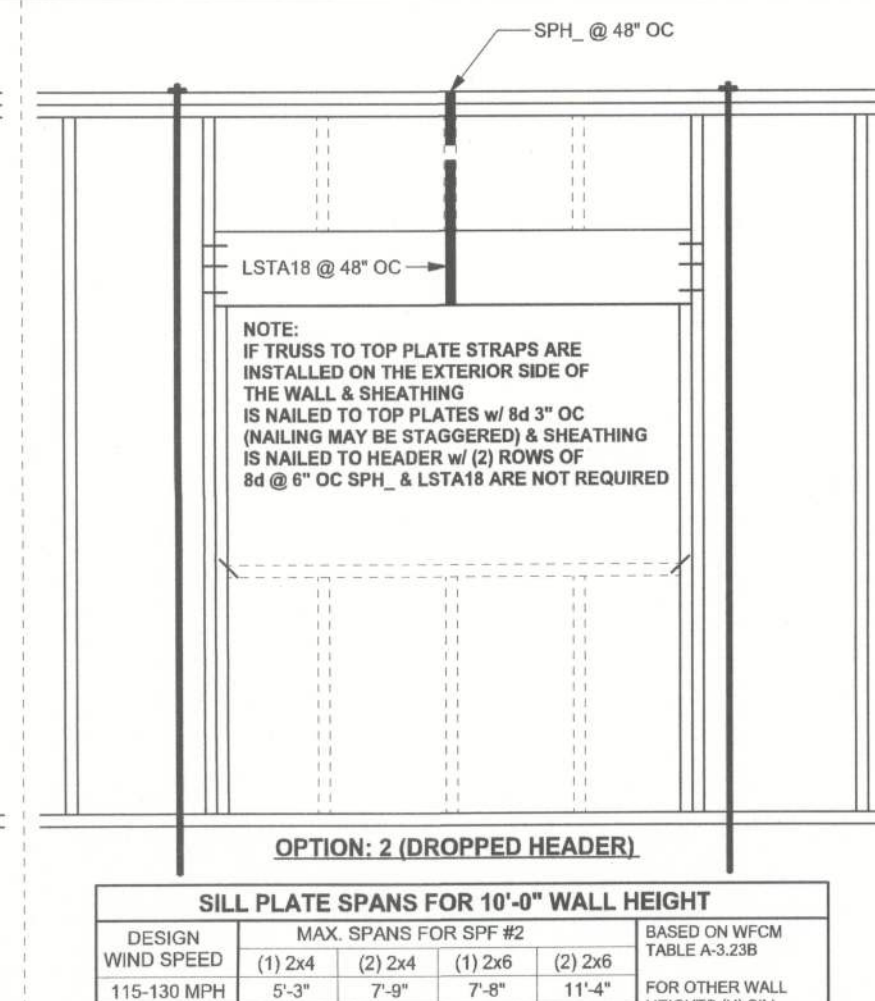
SOLUTIONS THROUGH DESIGN

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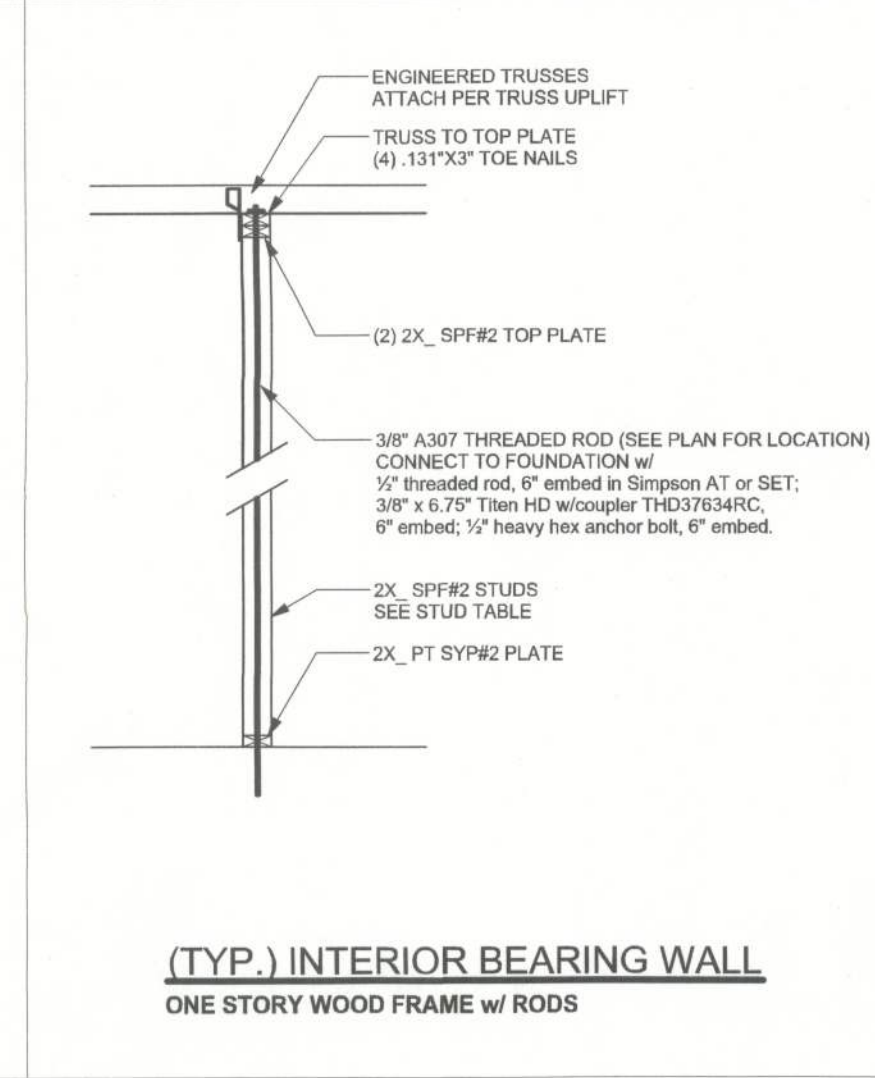
A CUSTOM HOME FOR:

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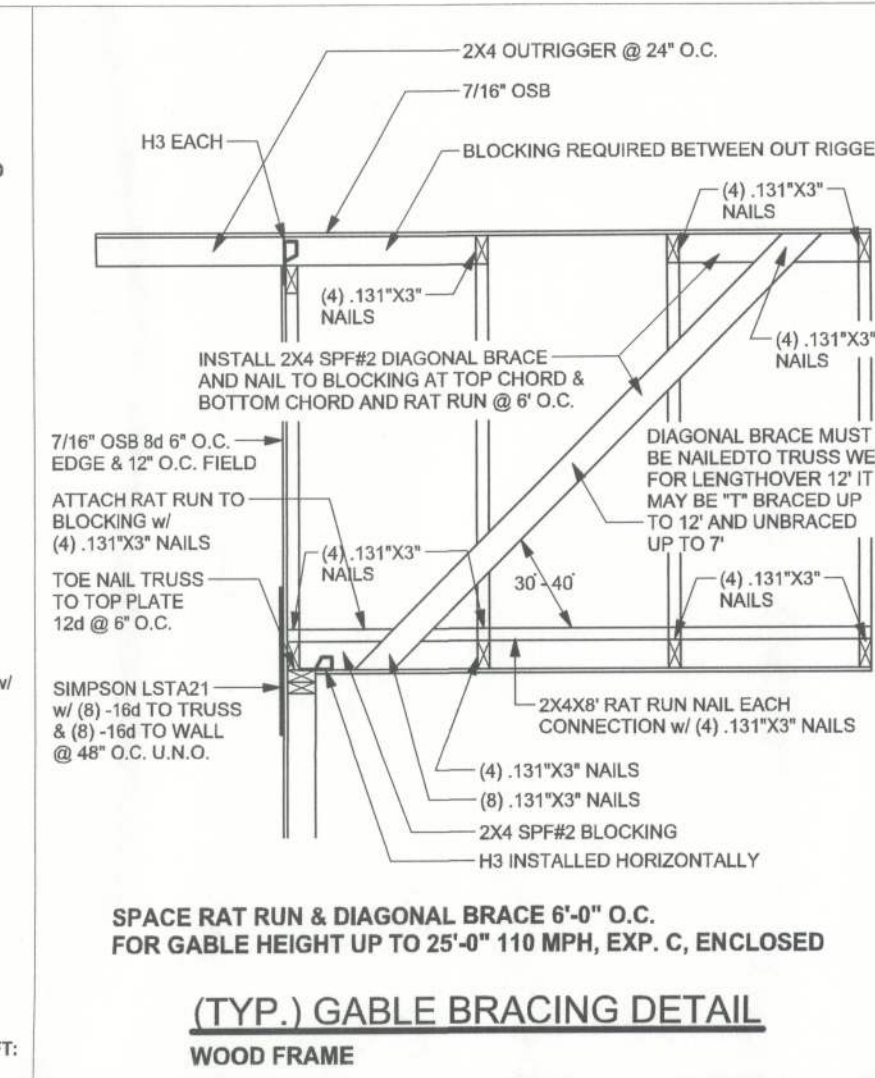
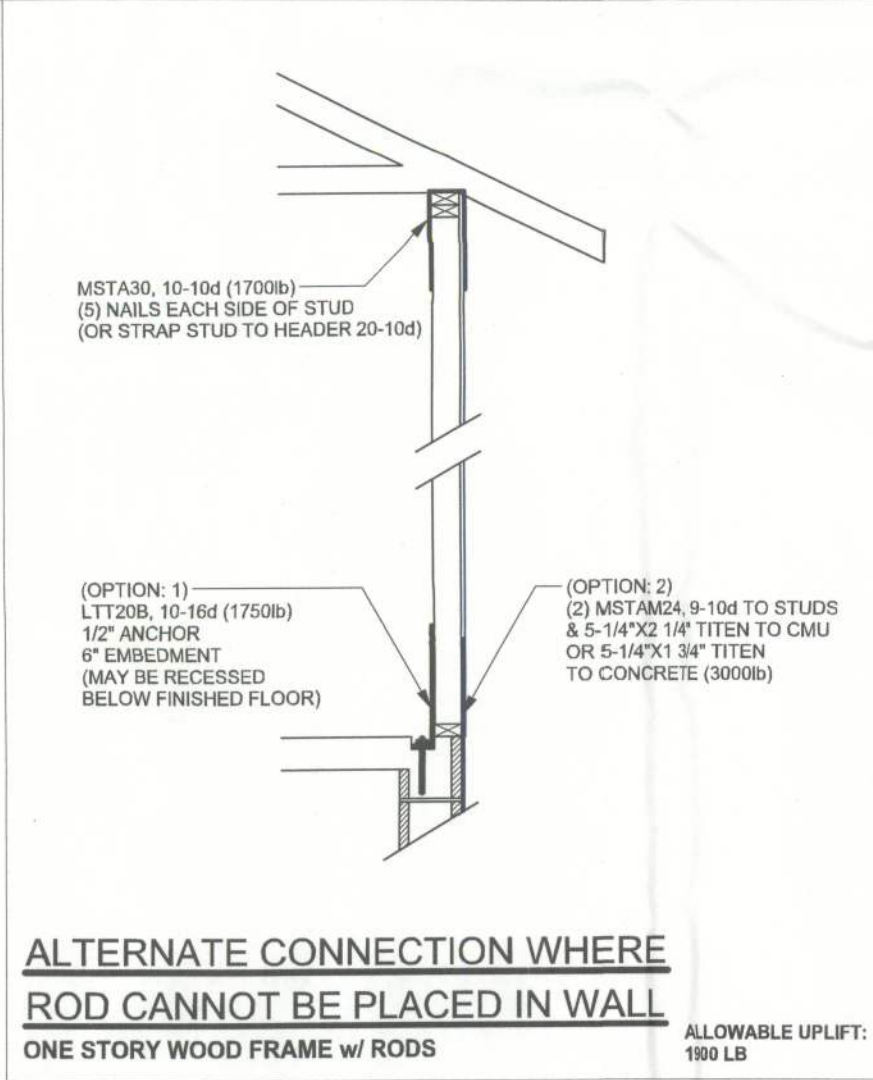
363 SW BLAYLOCK CT, LAKE CITY, FL 32024



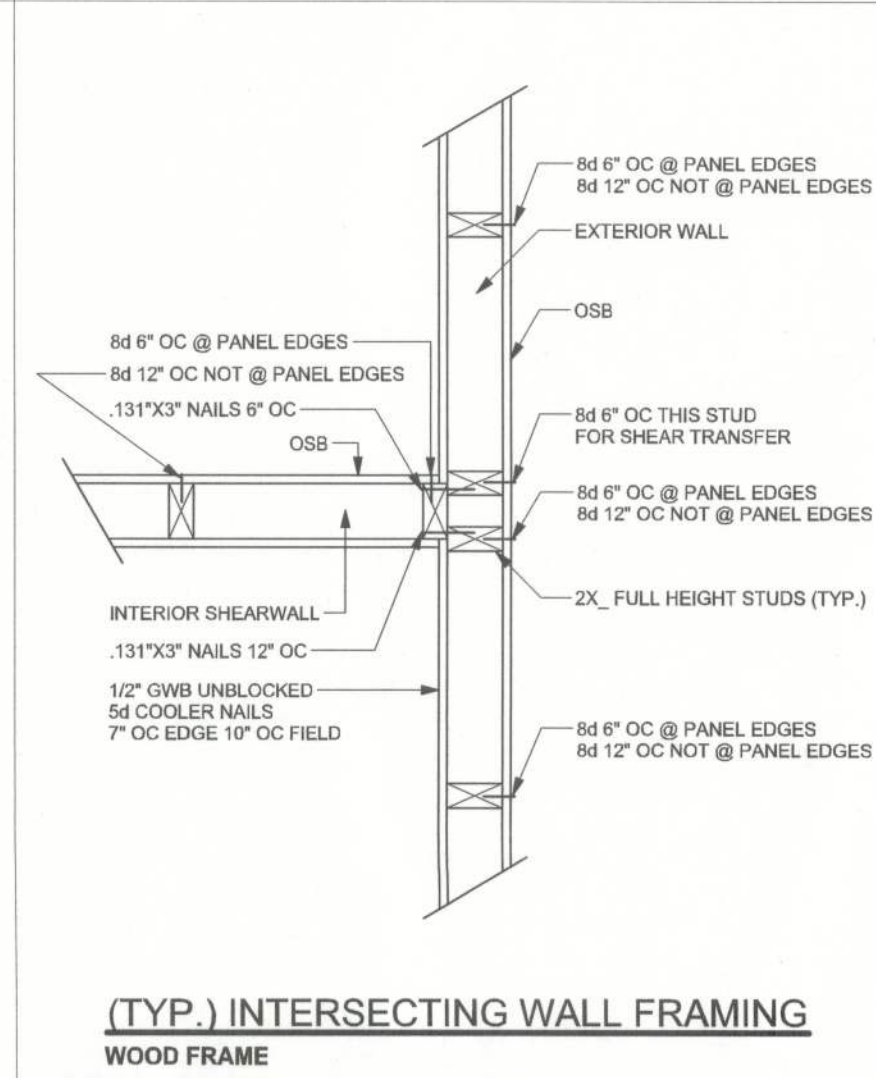
(TYP.) HEADER OPTION: 1 (FLUSH HEADER)
ONE STORY WOOD FRAME w/ RODS



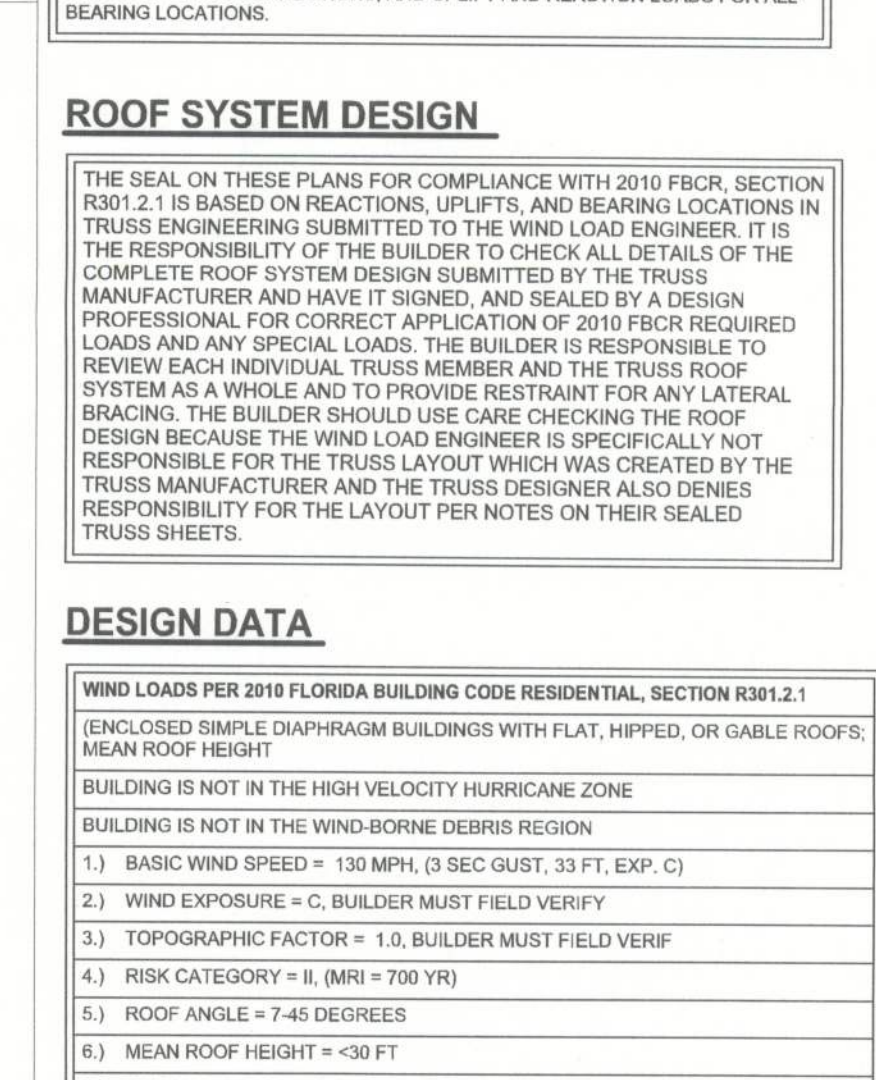
(1) w/ INSTALLATION OF 4-16ds OPTIONAL NAIL HOLES
(2) FOR SYP GIRDER & SPF STUDS



WOOD FRAME




WOOD FRAME



7.) INTERNAL PRESSURE COEFFICIENT = N/A (ENCLOSED BUILDING)
8.) COMPONENTS AND CLADDING DESIGN WIND PRESSURES (TABLE R301.2(2))

REVISIONS	



SOFTPLAN[®]
ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER: Mark Disosway,
P.E. No.S-3915, POB 866, Lake City, FL.
32096, 386-754-5419

DIMENSIONS:
Stated dimensions supersede 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 RC301.2.1, 2010 Florida Building Code Residential to the best of my knowledge.

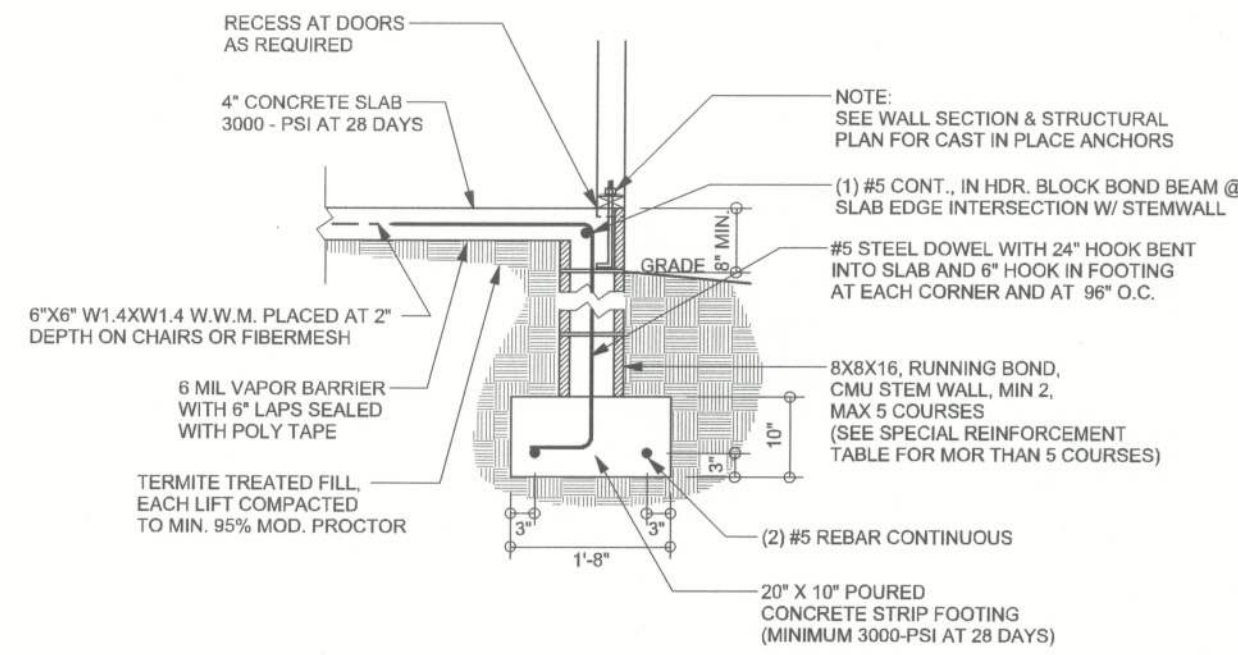
LIMITATION: This design is valid for one building, at specified location.

Brian & Britney Papka

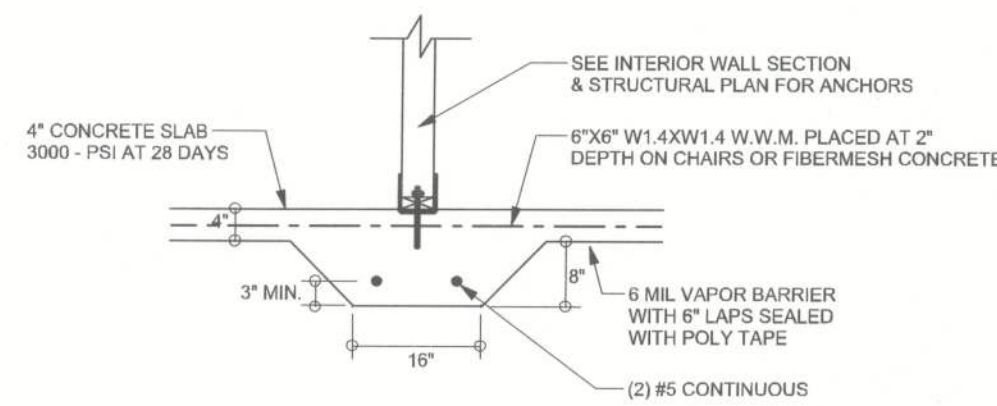
ADDRESS:
 363 SW Blaylock Ct.
 Lake City, FL. 32024

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

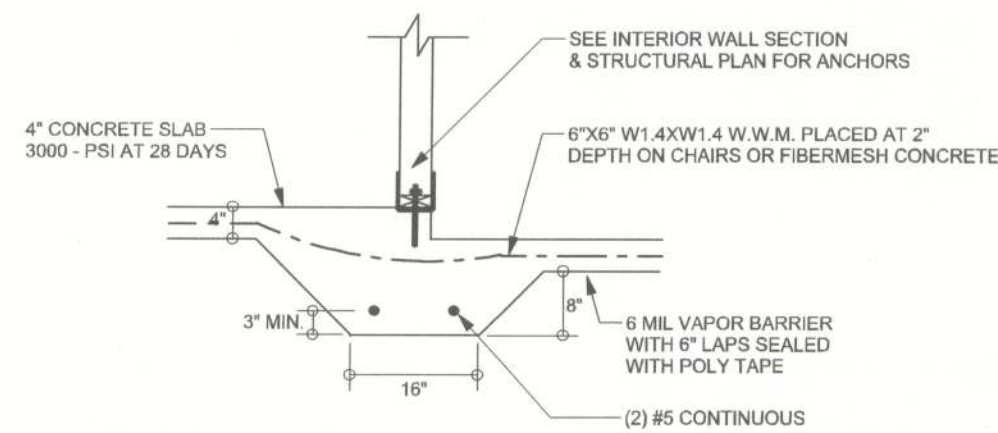
PRINTED DATE: October 03, 2012	
DRAWN BY:	STRUCTURAL BY: Evan Beamslay
FINALS DATE: 2012-10-02	
JOB NUMBER: 1208113	
DRAWING NUMBER	
S-1	
OF 3 SHEETS	



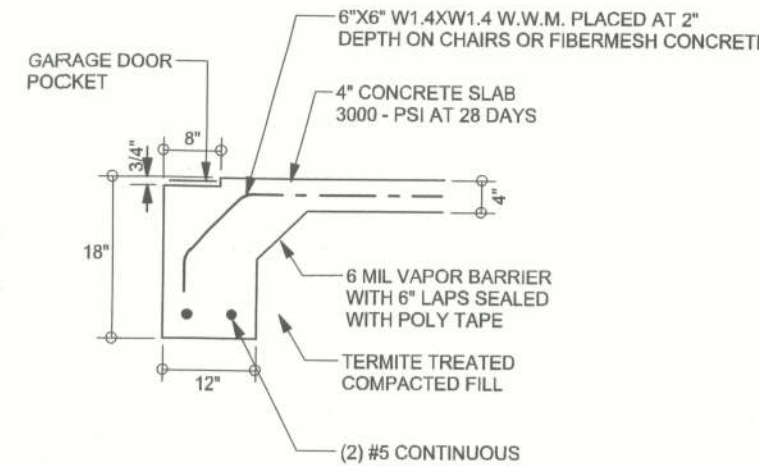
F9 S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



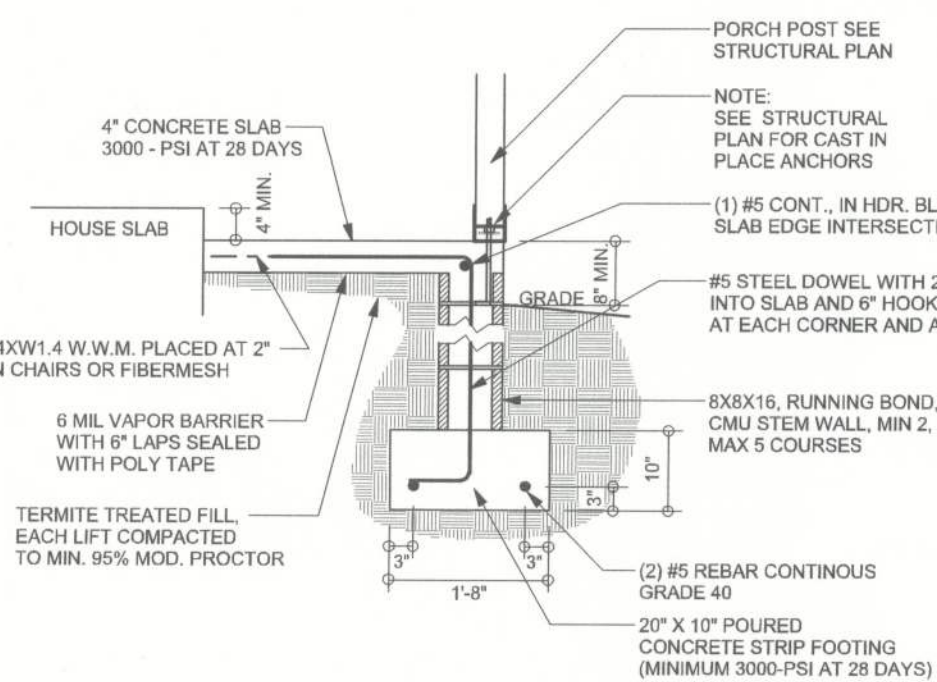
F2 S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



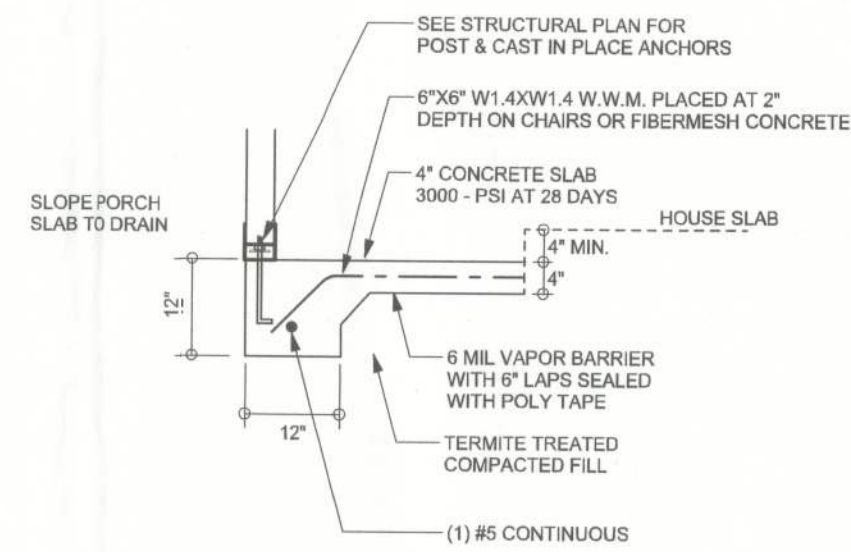
F3 S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"



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



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

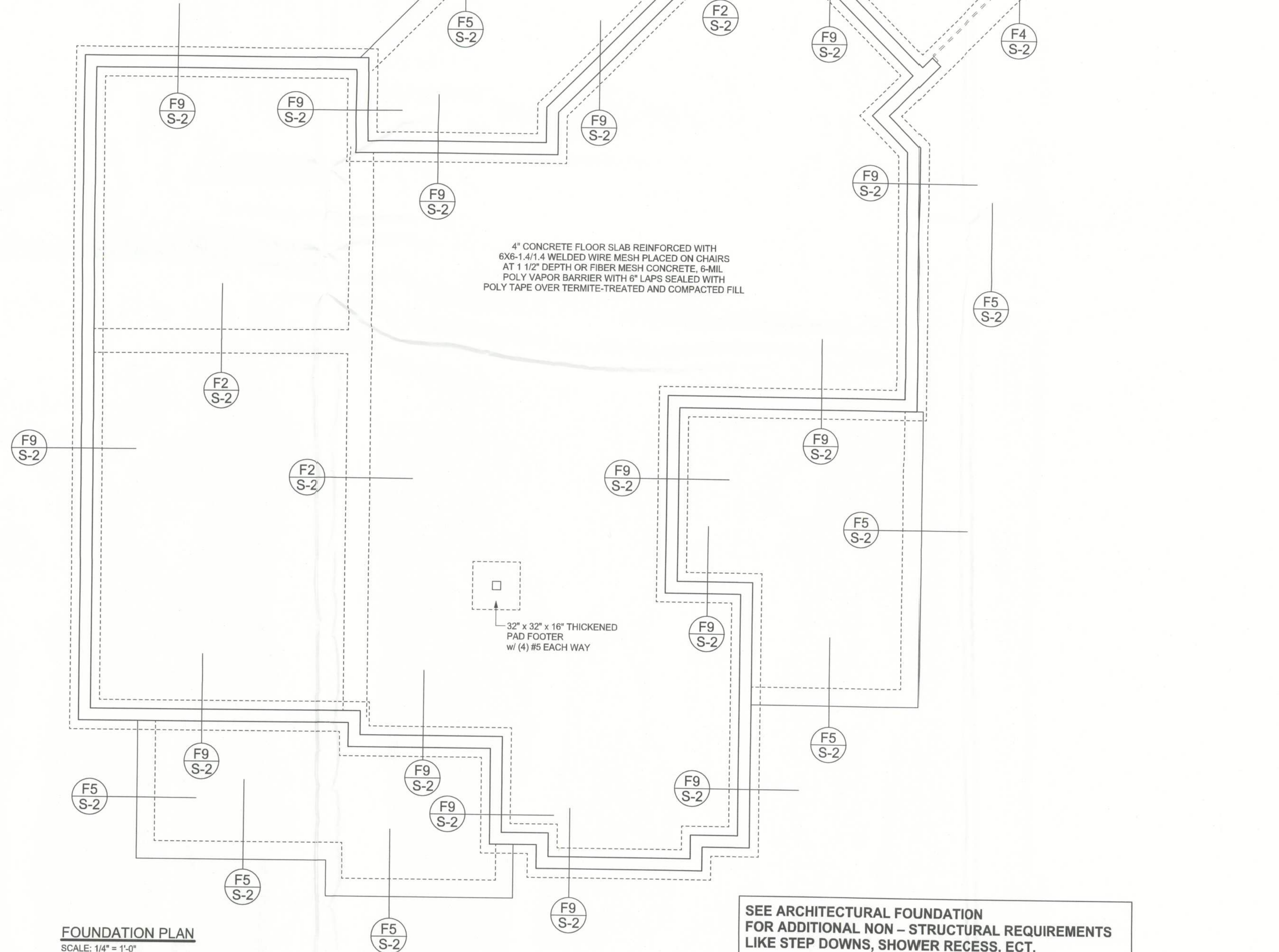


F5 S-2 PORCH FOOTING
SCALE: 1/2" = 1'-0"

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 Duralwall 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.

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



FOUNDATION PLAN

SCALE: 1/4" = 1'-0"
DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

SEE ARCHITECTURAL FOUNDATION FOR ADDITIONAL NON - STRUCTURAL REQUIREMENTS LIKE STEP DOWNS, SHOWER RECESS, ECT.

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

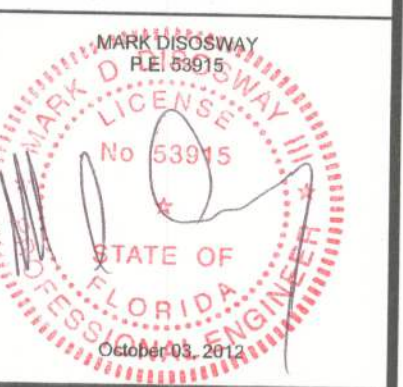
WINDLOAD ENGINEER: Mark Disoway, P.E. No. 53915, P.O. Box 868, Lake City, FL 32065, 386-754-5419

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



Brian & Britney Papka

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PRINTED DATE:
October 03, 2012

DRAWN BY: Euan Beasley

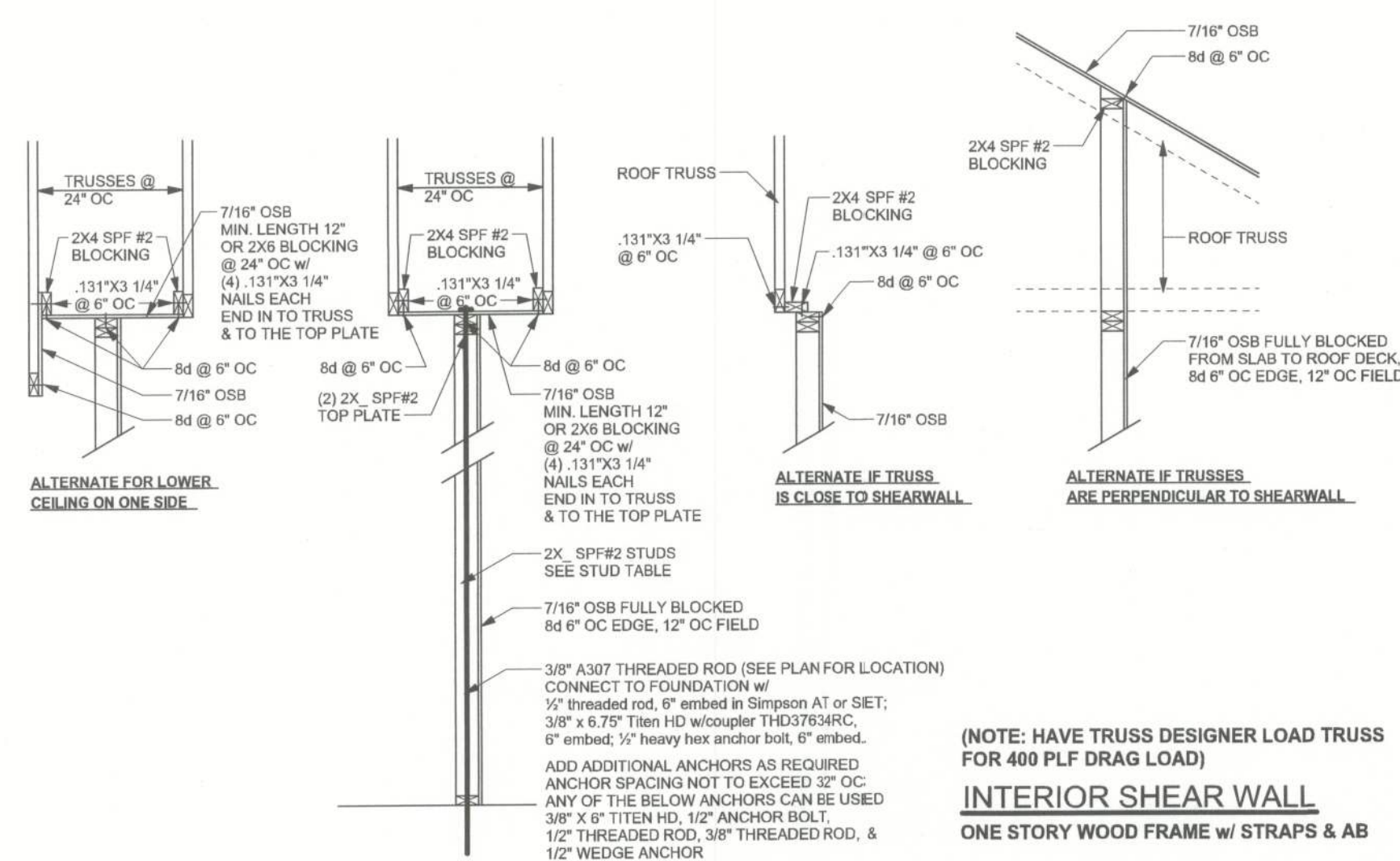
FINALS DATE:
2012-10-02

JOB NUMBER:
1208113
DRAWING NUMBER

S-2

OF 3 SHEETS

REVISIONS		

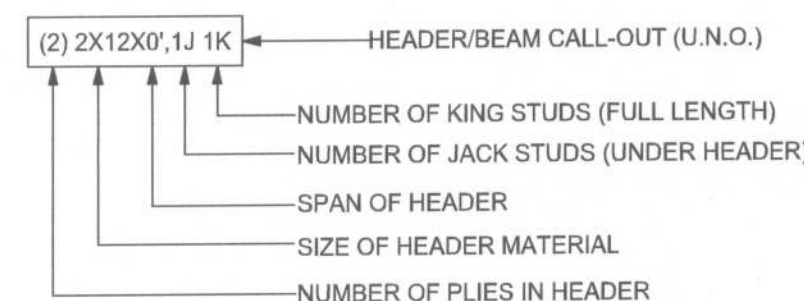


(NOTE: HAVE TRUSS DESIGNER LOAD TRUSS FOR 400 PLF DRAG LOAD)

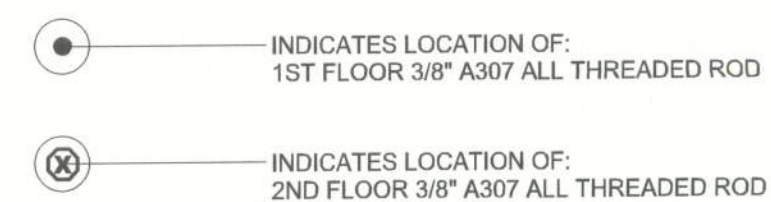
INTERIOR SHEAR WALL

ONE STORY WOOD FRAME w/ STRAPS & AB





HEADER LEGEND



THREADED ROD LEGEND



WALL LEGEND

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

TOTAL SHEAR WALL SEGMENTS

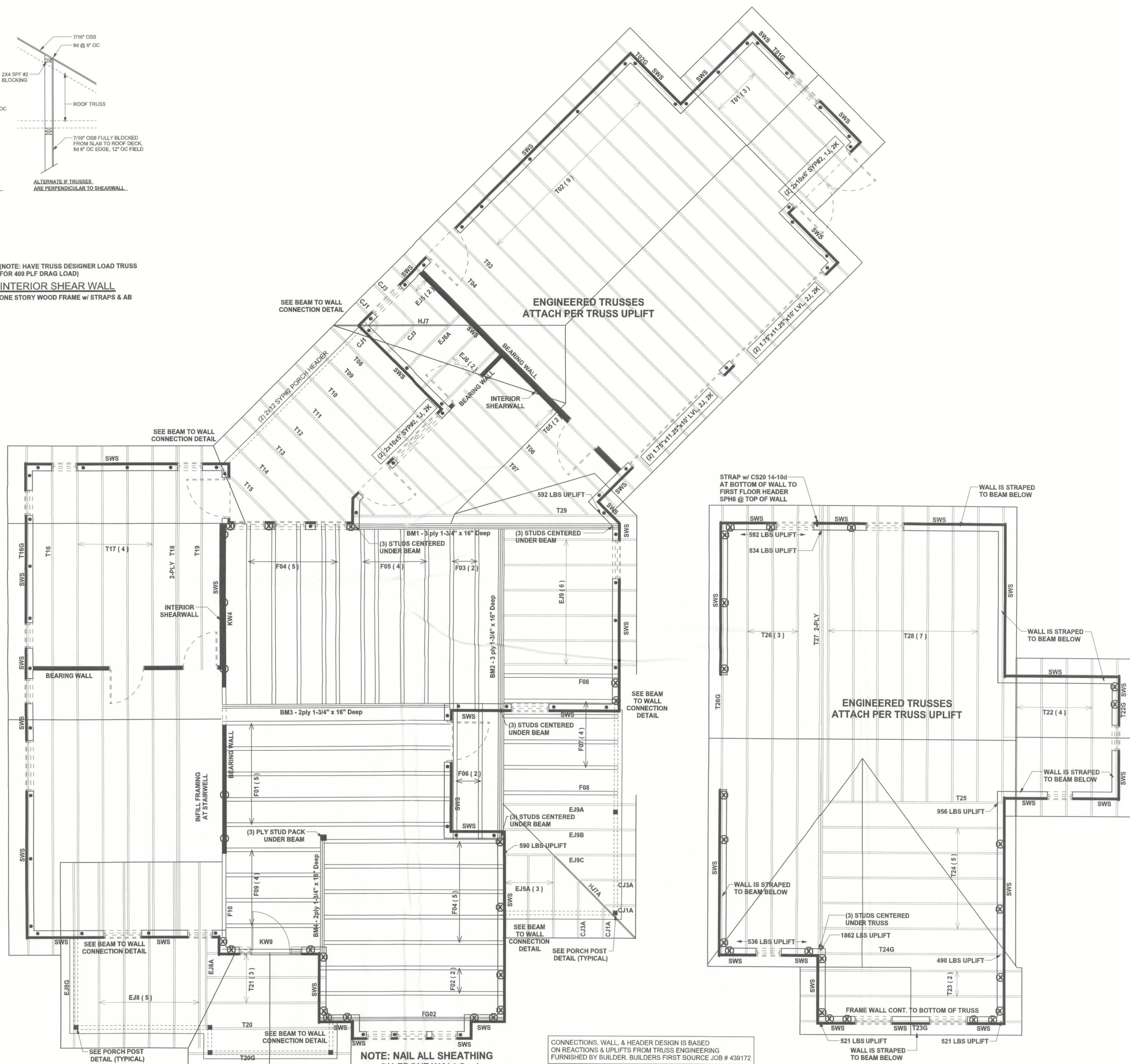
■ INDICATES SHEAR WALL SEGMENTS

1st FLOOR	REQUIRED	ACTUAL
TRANSVERSE	84.2'	98.5'
LONGITUDINAL	73.5'	92.0'

2nd FLOOR	REQUIRED	ACTUAL
TRANSVERSE	23.2'	67.0'
LONGITUDINAL	29.5'	47.0'

STRUCTURAL PLAN NOTES

- | | |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SN-1 | ALL L/D 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
DO 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 BC51-03, BC51-B1, BC51-B2 & BC51-B3. BC51-B1, BC51-B2, & BC51-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE. |



**NOTE: NAIL ALL SHEATHING
ON FRONT WALLS w/
8d @ 3" OC EDGE & 6" OC FIELD**

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB # 439172

2nd FLOOR STRUCTURAL PLAN

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

WINDLOAD ENGINEER: Mark Disosway,
PE No.53915, POB 868, Lake City, FL
32056, 386-754-5419

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PRINTED DATE:
October 03, 2012

DRAWN BY:	STRUCTURAL BY: Evan Beamsley
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FINALS DATE:	
2012-10-02	

JOB NUMBER:
1208113

DRAWING NUMBER

S-3

OF 3 SHEETS