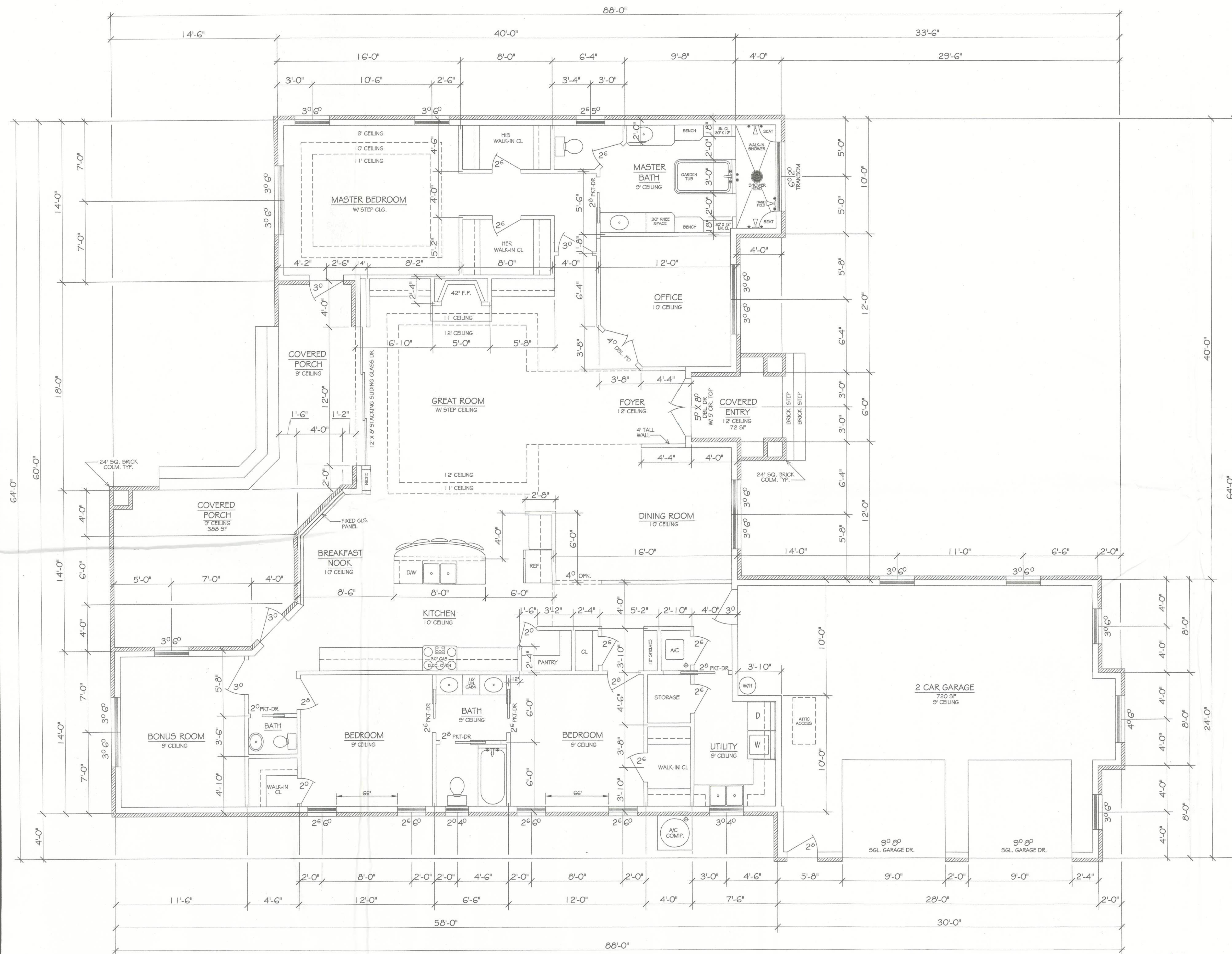




GENERAL NOTES

1. THE DESIGN OF THIS STRUCTURE HAS BEEN REVIEWED FOR COMPLIANCE WITH THE WINDLOAD PROVISIONS OF THE FLORIDA RESIDENTIAL BUILDING CODE, 2010 & ASCE 7-02, USING THE FOLLOWING CRITERIA:
BASIC WIND SPEED = 130 MPH (3 SECOND GUST)
IMPORTANCE FACTOR = 1.0 (BUILDING CATEGORY II)
EXPOSURE CATEGORY = B (ALL DIRECTIONS)
INTERNAL PRESSURE COEFFICIENT = ± 0.18
2. COMPONENTS AND CLADDING WIND PRESSURES TO BE USED FOR DESIGN OF EXTERIOR COMPONENT AND CLADDING MATERIALS ARE AS FOLLOWS:
EFFECTIVE WIND AREA WALLS ROOFS
UP TO 10 S.F. 2.91 PSF 42.1 PSF ALL DOORS AND WINDOWS
UP TO 20 S.F. 27.2 PSF 38.2 PSF IN EXTERIOR WALLS SHALL
UP TO 50 S.F. 24.6 PSF 33.0 PSF RESIST ±29.1 PSF MINIMUM
OVER 50 S.F. 22.6 PSF 29.1 PSF (UNLESS OTHERWISE NOTED)
3. UNLESS OTHERWISE SPECIFIED, ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE FLORIDA RESIDENTIAL BUILDING CODE, 2010 (FBC).
4. DESIGN LIVE LOADS USED IN THE ANALYSIS ARE AS FOLLOWS:
ROOFS = 20 PSF
FLOORS = 40 PSF
GARAGE FLOOR = 50 PSF
PORCHES, LOFTS, BALCONIES = 40 PSF
5. FOR STAIR DETAILS, SEE MANUFACTURERS INSTALLATION DETAILS AND SPECIFICATIONS. INSTALLATION SHALL CONFORM TO THE FLORIDA RESIDENTIAL BUILDING CODE, 2010 (FBC).

CODE REFERENCES

BUILDING CODE:	FLORIDA BUILDING CODE RESIDENTIAL 2010
MECHANICAL CODE:	FLORIDA MECH. & GAS CODE- 2010 RESIDENTIAL
ELECTRICAL CODE:	NATIONAL ELECTRICAL CODE 2009
PLUMBING CODE:	FLORIDA PLUMBING CODE-2010 RESIDENTIAL
HURRICANE RESISTANCE:	ASCE 7-02

DESIGN CRITERIA

CONSTRUCTION:	V.B.
ALLOWABLE No. OF FLOORS:	ONE (1)
WIND VELOCITY:	130 MPH
FLOOR LIVE LOAD:	40 P.S.F.
FLOOR DEAD LOAD:	10 P.S.W
ROOF LIVE LOAD:	20 P.S.I
ROOF DEAD LOAD:	6+4 P.S.F. (B.C.+T.C.)
OCCUPANCY TYPE:	R-3
EXPOSURE:	B
IMPORTANCE FACTOR:	1.0
INTERNAL PRESSURE COEFFICIENT:	+ 0.18
EXPOSURE:	B
COMPONENTS AND CLADDING PER FBC TABLE R301.2(2)	

SQUARE FOOTAGE

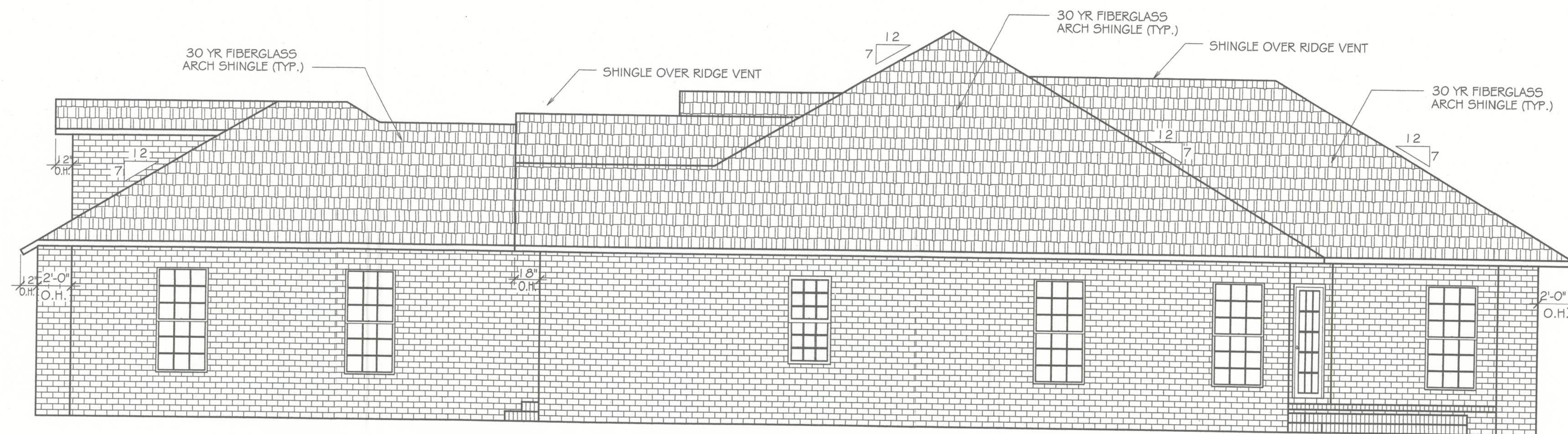
LIVING = 2516 SF
PORCHES = 420 SF
GARAGE = 720 SF
TOTAL = 3696 SF



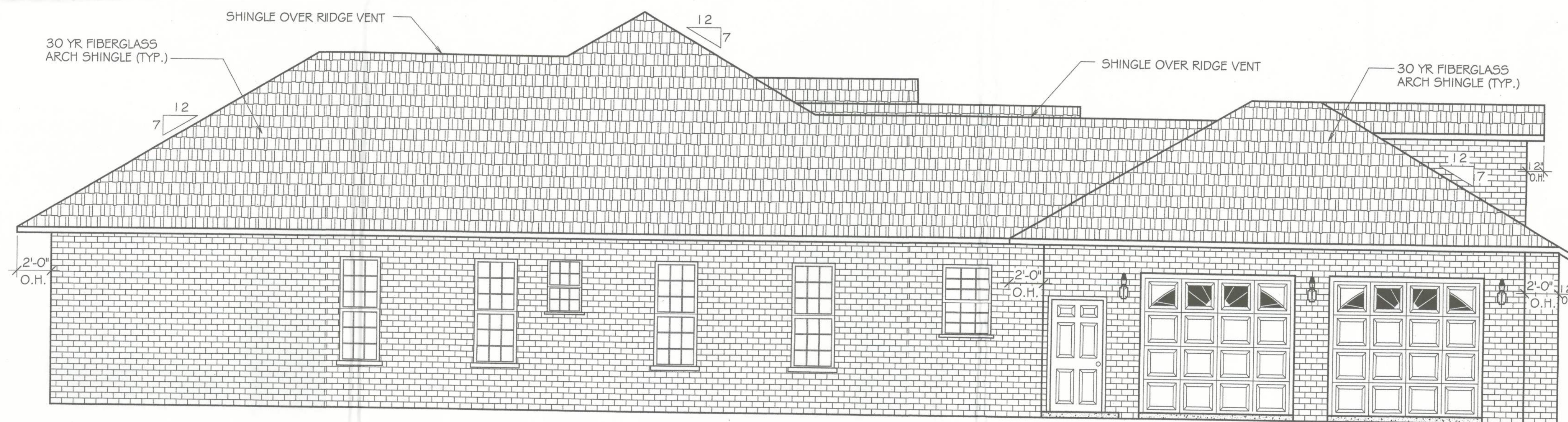
FLOOR PLAN
SCALE: 1/4" = 1'-0"

Mark W. Keels, PE
FL Reg. #0051989
4918 Kangaroo Circle
Middleburg, FL 32068
(904) 282-8712

RESIDENCE FOR:		
Dale & Whitney Mowry		
SCALE: 1/4" = 1'-0"	SW Dusk Glen Rd. Lake City, FL 32024	DRAWN BY: D. HAAS
DATE: 11-20-2012		FILE NO: 11-12FPJA
FLOOR PLAN & NOTES		
Columbia County, Florida	DRAWING NUMBER	1 OF 6



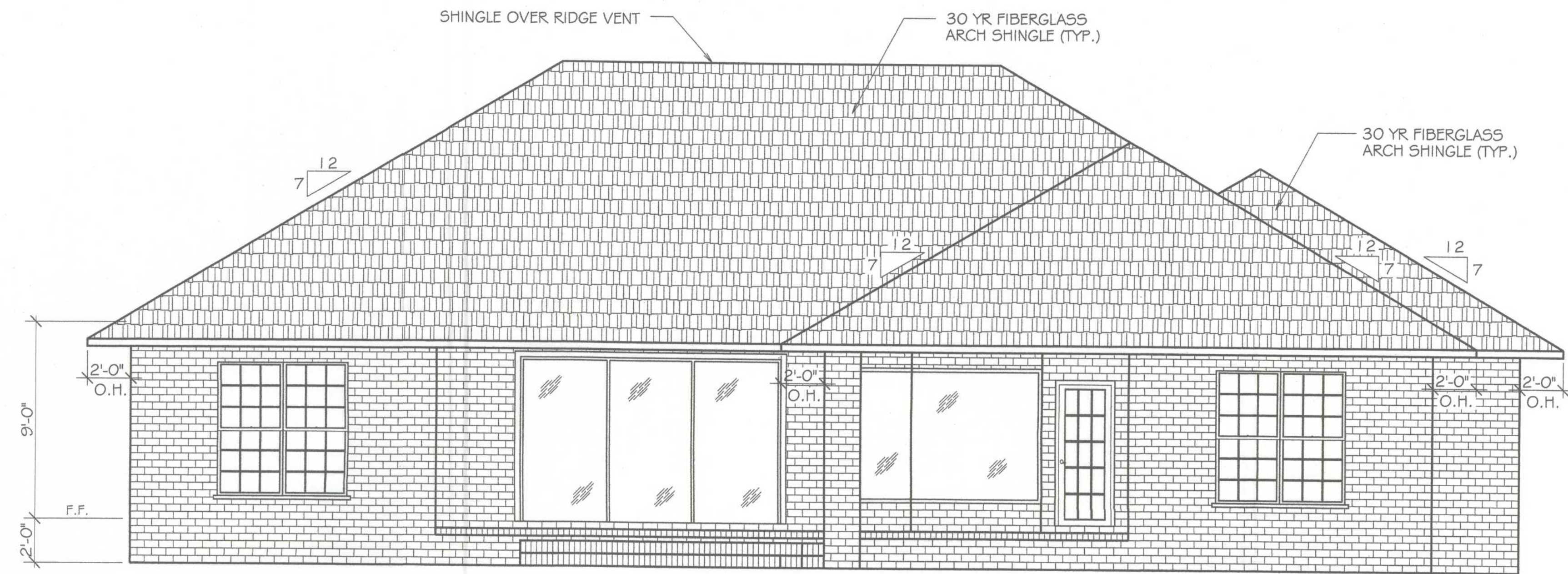
RIGHT SIDE ELEVATION
SCALE: 1/4" = 1'-0"



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

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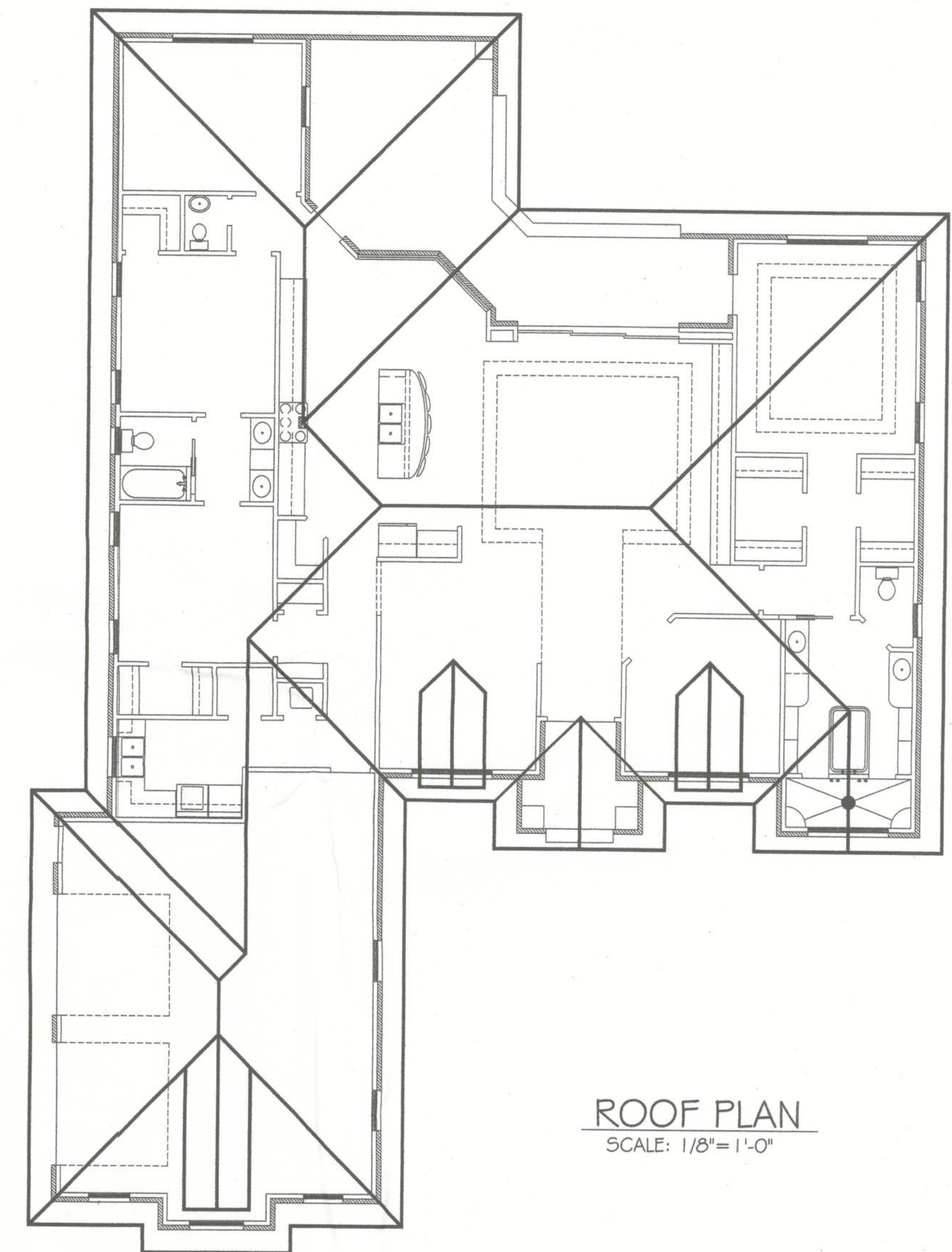
RESIDENCE FOR:			
Dale & Whitney Mowry			
SCALE: 1/4" = 1'-0"	SW Dusk Glen Rd.	DRAWN BY: D. HAAS	
DATE: 11-20-2012	Lake City, FL 32024	FILE NO: 11-12ELJ2A	
LEFT & RIGHT SIDE ELEVATIONS			
Columbia County, Florida		DRAWING NUMBER	3 OF 6



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



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



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

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FL Reg. #0051989
4918 Kangaroo Circle
Middleburg, FL 32068
(904) 282-8712

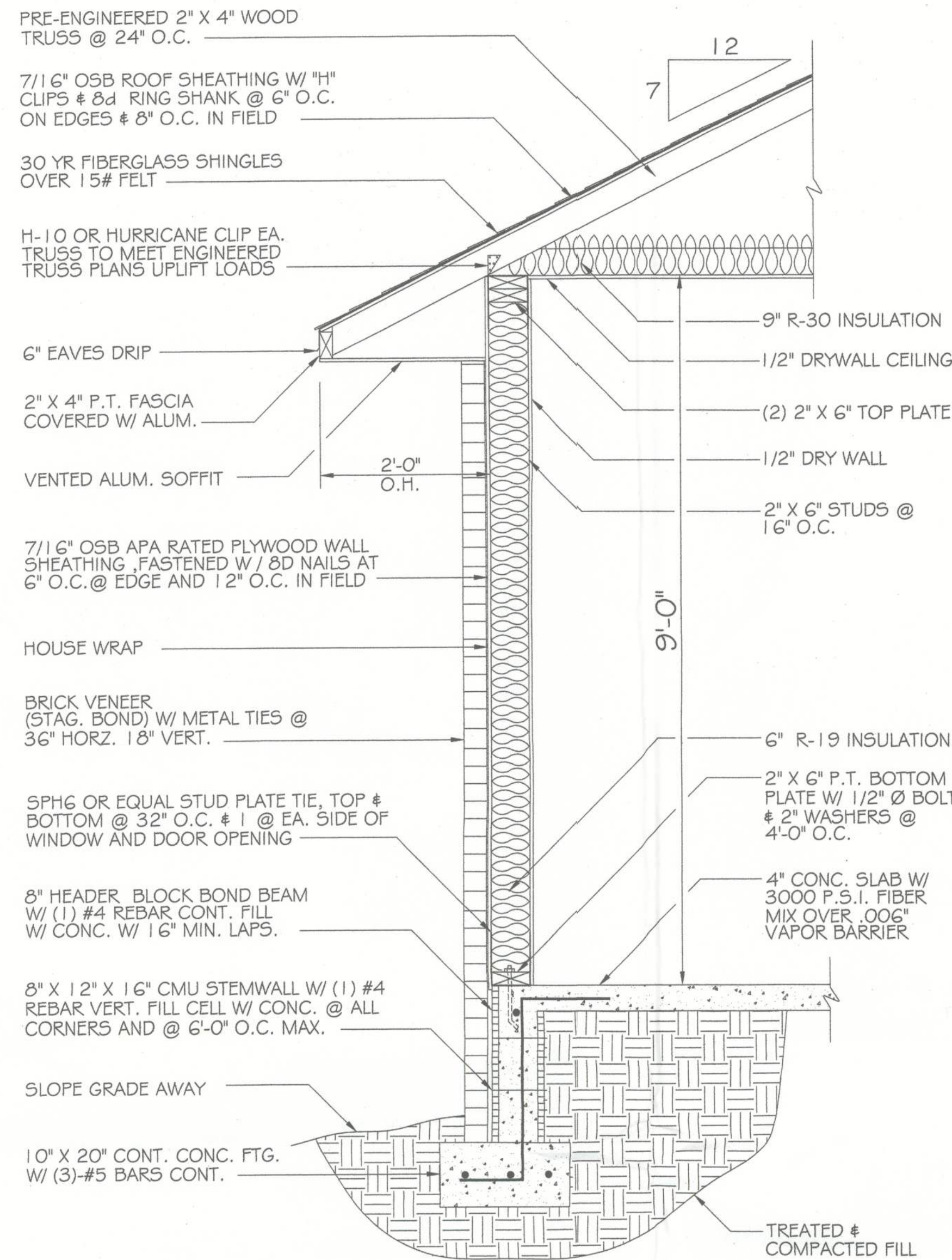
Mark W. Keels

RESIDENCE FOR:			
Dale & Whitney Mowry			
SCALE: 1/4" = 1'-0"	5W Dusk Glen Rd.	DRAWN BY: D. HAAS	
DATE: 11-20-2012	Lake City, FL 32024	FILE NO: 11-12ELJ1A	
FRONT & REAR ELEVATIONS & ROOF PLAN			
Columbia County,	Florida	DRAWING NUMBER: 2 OF 6	



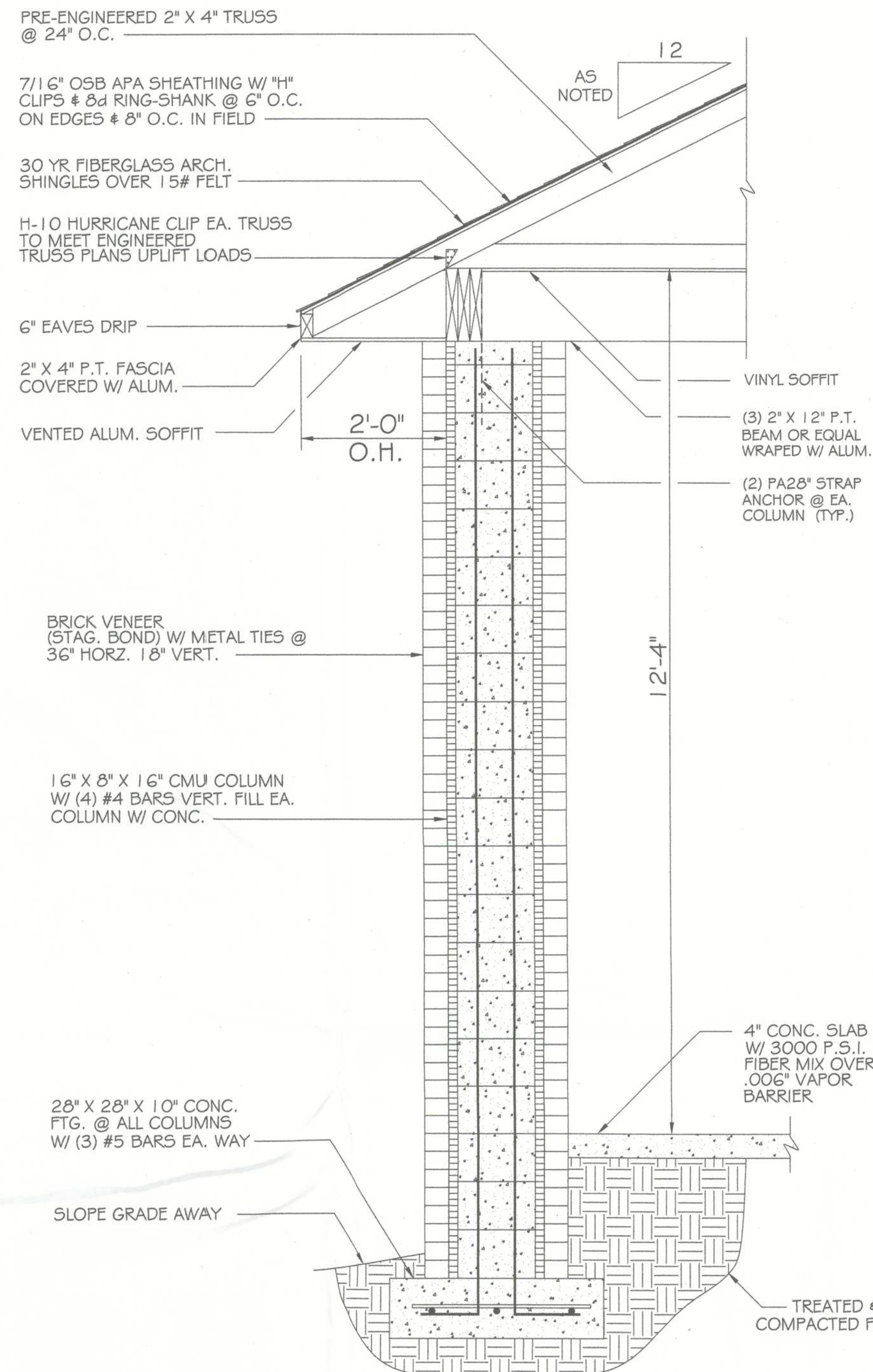
68

RESIDENCE FOR:		
Dale & Whitney Mowry		
SCALE: 1/4" = 1' 0"	SW Dusk Glen Rd.	DRAWN BY D. HAAS
DATE: 11-20-2012	Lake City, FL 32024	FILE NO. 11-12FDA
FOUNDATION PLAN & NOTES		
Columbia County,	Florida	DRAWING NUMBER 4 OF 6

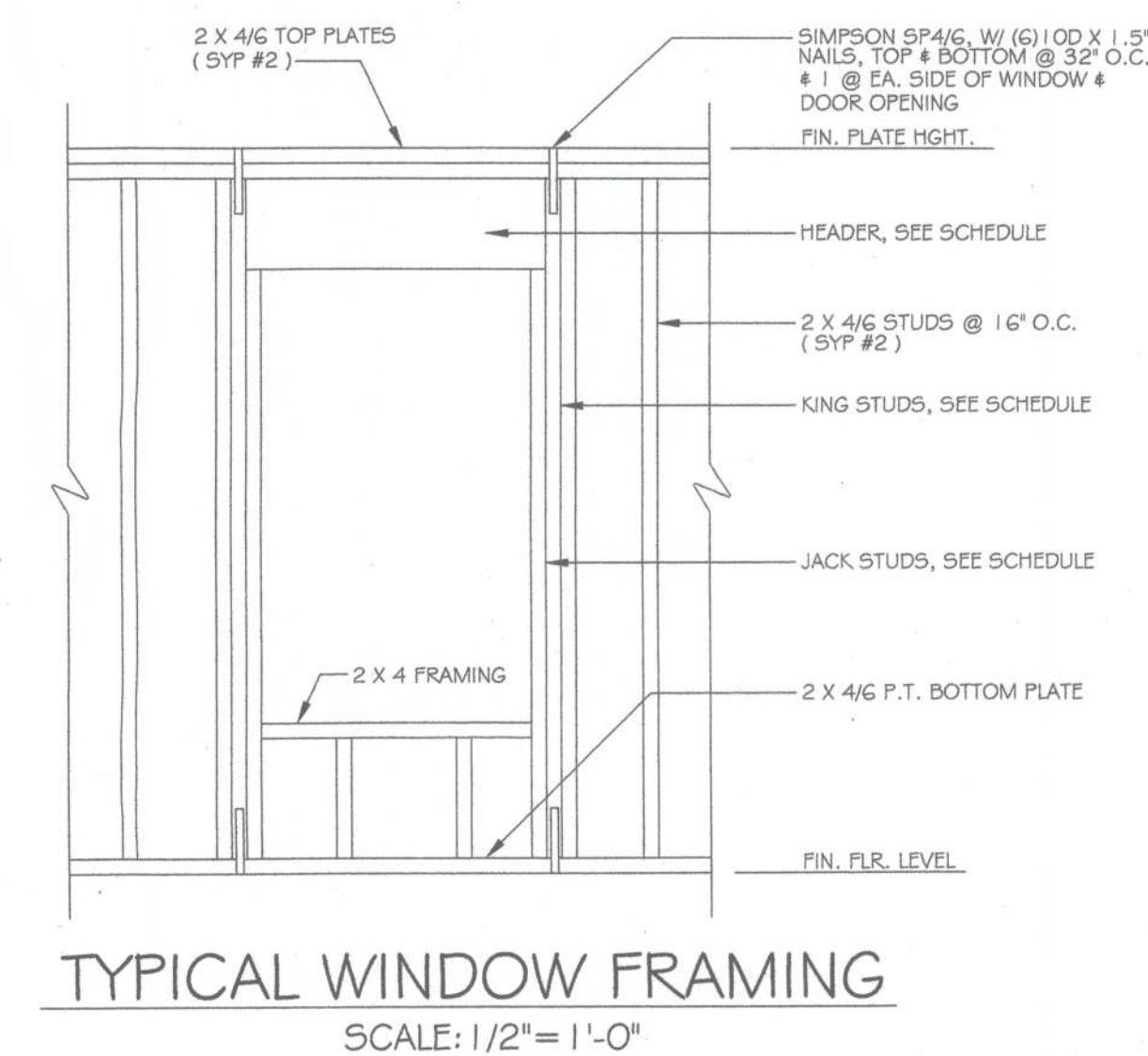
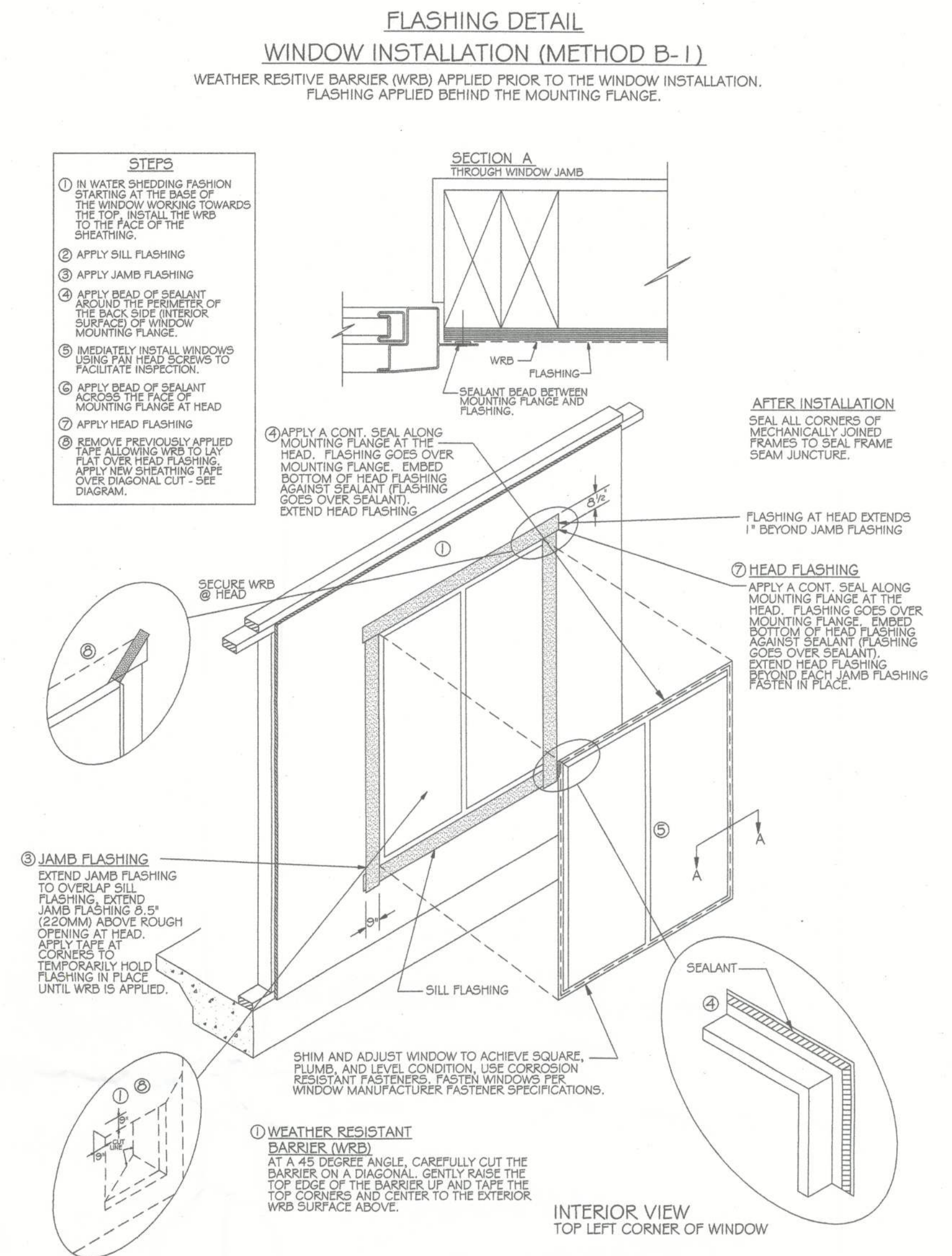


WALL DETAIL
SCALE: 3/4" = 1'-0"

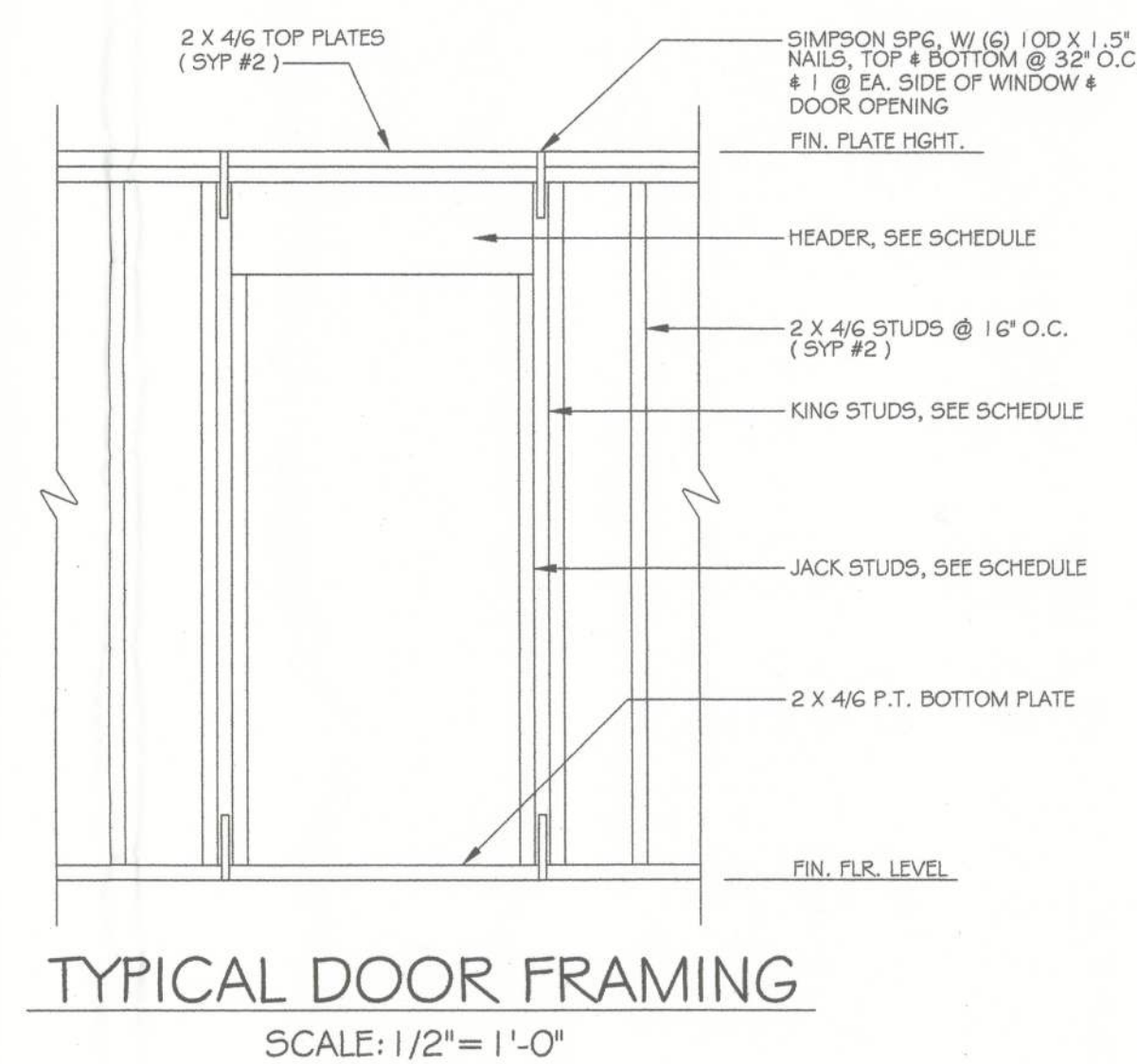
ROOF SHEATHING NAILING PATTERN
7/16" OSB PLYWOOD MINIMUM ATTACHED TO THE TOP CHORDS OF THE TRUSSES W/ 8d / RING SHANK NAILS SPACED AT 6" O.C. @ EDGES AND 8" @ IN FIELD.



FRONT PORCH COLUMN DETAIL
SCALE: 3/4" = 1'-0"



TYPICAL WINDOW FRAMING
SCALE: 1/2" = 1'-0"



TYPICAL DOOR FRAMING
SCALE: 1/2" = 1'-0"

MINIMUM HEADER STUD REQUIREMENTS							
UNSUPPORTED WALL HEIGHT	STUD SPACING	MAXIMUM HEADER SPAN (FT.)					
		3'	6'	9'	12'	15'	18'
10' OR LESS	12"	2	2	3	3	3	3
	16"	2	2	3	3	3	3
	24"	1	2	2	2	2	2
GREATER THAN 10'	12"	2	2	3	4	5	5
	16"	2	2	3	3	4	4
	24"	1	2	2	2	3	3

HEADER SCHEDULE		
TYP.	LENGTH	HEADER TYPE
A	0' - 4'	(2) 2 X 6 W/ 1/2" PLYWD/OSB BETWEEN
B	4' - 6'	(2) 2 X 8 W/ 1/2" PLYWD/OSB BETWEEN
C	6' - 8'	(2) 2 X 10 W/ 1/2" PLYWD/OSB BETWEEN
	8' - 12'	(2) 2 X 12 W/ 1/2" PLYWD/OSB BETWEEN
D	16'	(2) 1 3/4" X 16" LVL
GARAGE FRONT ENTRY		
GABLE END OR HIP TRUSS W/ JACKS	(OPT. 1)	(2) 2 X 12 W 1/2" PLWD FLITCH
	(OPT. 2)	SYSTEM - 42 BY TRUSS MFR.
	(OPT. 3)	3-1/2" X 12-5/8" LAM BEAM
GARAGE SIDE / COURTYARD ENTRY W/ NO CONCENTRATED LOADS		
ONE STORY / BONUS	3-1/2" X 14" LAM BEAM	
TWO STORY	(2) 1 3/4" X 16" LVL	

Mark W. Keels, PE
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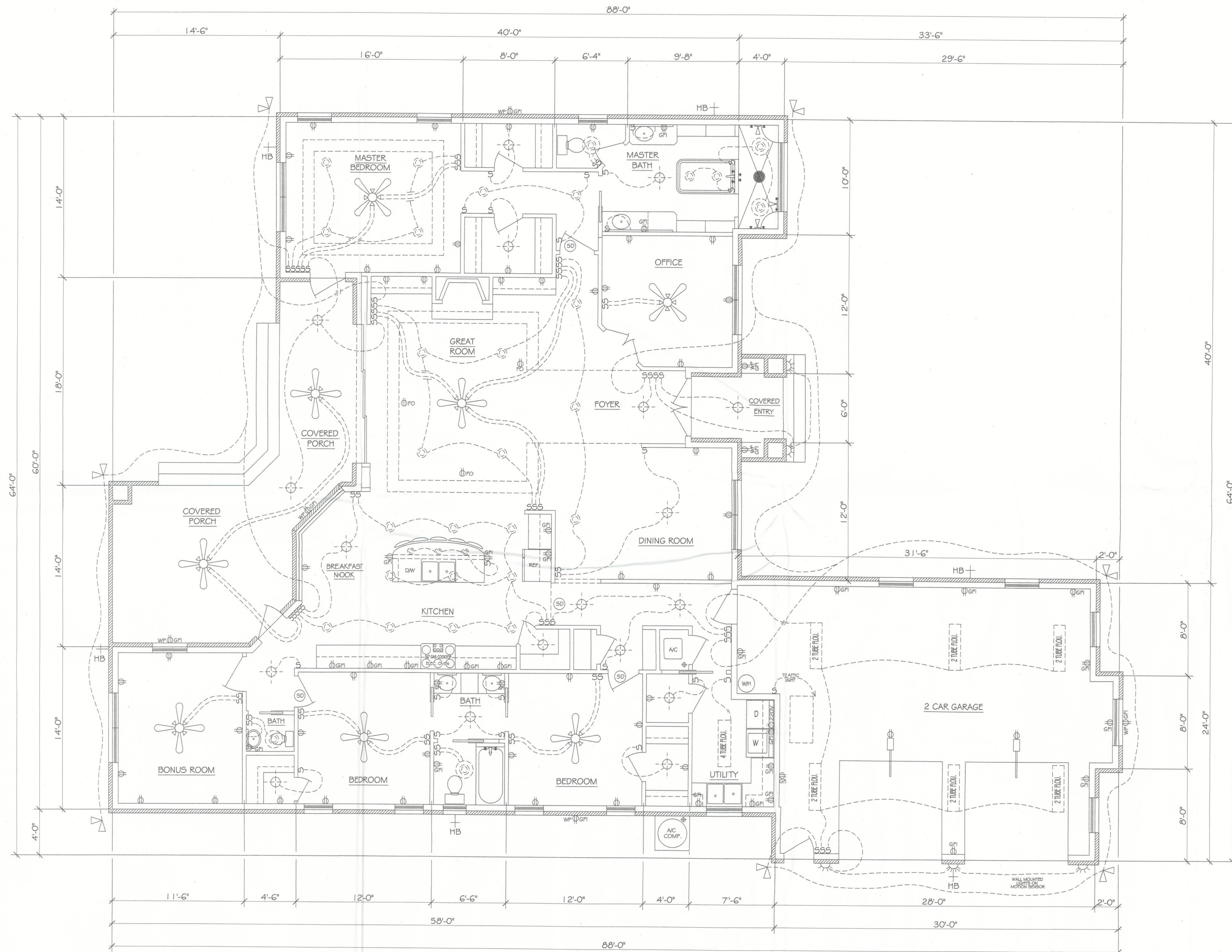
RESIDENCE FOR
Dale & Whitney Mowry

SCALE: AS NOTED
DATE: 11-20-2012
SW Dusk Glen Rd.
Lake City, FL 32024

DRAWN BY: D. HAAS
FILE NO: 11-12WDJA

MISC. WALL DETAILS & NOTES

Columbia County, Florida 5 OF 6



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

ELECTRICAL NOTES:

1. WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
2. INSTALLATION SHALL BE PER NATIONAL ELECTRIC CODE 2009 OR LATEST EDITION.
3. CONSULT THE OWNER FOR THE NUMBER OR SEPARATE TELEPHONE LINES TO BE INSTALLED.
4. ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALLED IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC- LATEST EDITION 2009.
5. TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNERS DIRECTIONS AND IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC- LATEST EDITION 2009.
6. ALL MATERIAL SHALL HAVE A UL LABEL OR LISTING.
7. RECEPTACLES LOCATED WITHIN SLEEPING AREAS SHALL BE ARC FAULT PROTECTED.
8. RECEPTACLES LOCATED WITHIN WET AREAS SHALL BE GFCI PROTECTED.

ELECTRICAL LEDGEND

- EXTERIOR FLOOD LIGHTS
- 4 TUBE FLOU.
- PHONE OUTLET
- TV OUTLET
- HOSE BIBB
- INCANDESCENT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- SMOKE DETECTOR
- INTERIOR GFI DUPLEX OUTLET
- INTERIOR DUPLEX OUTLET
- EXTERIOR GFI OUTLET
- CEILING FAN W/ LIGHT KIT
- EXHAUST FAN & LIGHT COMBO.

RESIDENCE FOR:		
Dale & Whitney Mowry		
SCALE: 1/4" = 1'-0"	5W Dusk Glen Rd.	DRAWN BY D. HAAS
DATE: 11-20-2012	Lake City, FL 32024	FILE NO: 11-12ECJA
ELECTRICAL PLAN & NOTES		
Columbia County,	Florida	DRAWING NUMBER 6 OF 6