DATE 06/26/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000024666

APPLICANT MARJORIE JONES PHONE 454-0824

ADDRESS 720 SW BOBCAT DR FORT WHITE FL 32038

OWNER MARJORIE JONES & JOHN STERPE PHONE 454-0824

ADDRESS 720 SW BOBCAT DR FORT WHITE FL 32038

CONTRACTOR OWNER PHONE

LOCATION OF PROPERTY 47 S, L 27, R 138, R ON BOBCAT DR, ONE MILE ON LEFT

TYPE DEVELOPMENT ADDITION TO SFD ESTIMATED COST OF CONSTRUCTION 40000.00

HEATED FLOOR AREA 780.00 TOTAL AREA 780.00 HEIGHT 15.00 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 1 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 19-7S-17-10024-095 SUBDIVISION SASSAFRAS ACRES

LOT 95 BLOCK PHASE UNIT TOTAL ACRES 8.70

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
EXISTING	06-0578-N	BK	JH
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance

N
New Resident

COMMENTS: ADDITION TO EXISTING SFD

Check # or Cash 152

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by

Slab _____ date/app. by

Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by

Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by

Peri. beam (Lintel) _____ date/app. by

Permanent power _____ date/app. by

C.O. Final _____ date/app. by

Culvert _____ date/app. by

M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Pool _____ date/app. by

Reconnection _____ date/app. by

Pump pole _____ date/app. by

Utility Pole _____ date/app. by

M/H Pole _____ date/app. by

Travel Trailer _____ date/app. by

Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 200.00 CERTIFICATION FEE $ 3.90 SURCHARGE FEE $ 3.90

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ CULVERT FEE $ **TOTAL FEE** 257.80

INSPECTORS OFFICE L. H CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application ck#152

Revised 9-23-04

For Office Use Only Application # 0606-22 Date Received 6/1 By JW Permit # 24666

Application Approved by - Zoning Official BLK Date 22.06.06 Plans Examiner OK JTH Date 6-19-06

Flood Zone X per survey Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments Addition to Exist Structure

~~Signed Eng Health Plans~~

Applicants Name MARJORIE JONES AND JOHN STERPE Phone 386-454-0824

Address 720 SW BOBCAT DR. FT WHITE FL. 32038

Owners Name MARJORIE JONES AND JOHN STERPE Phone 386-454-0824

911 Address 720 SW BOBCAT DR FT WHITE FL. 32038

Contractors Name OWNER BUILDER Phone 386-454-0824

Address 720 SW BOBCAT DR. FT WHITE FL 32038

Fee Simple Owner Name & Address MARJORIE JONES AND JOHN STERPE 720 SW BOBCAT DR.

Bonding Co. Name & Address

Architect/Engineer Name & Address OWNER BUILDER

Mortgage Lenders Name & Address COUNTRYWIDE HOME LOANS 4500 PARK GRANADA CALABASAS CA. 91302

Circle the correct power company - FL Power & Light - (Clay Elec.) - Suwannee Valley Elec. - Progressive Energy

Property ID Number (19-7S-17-0...) 1024-095 Estimated Cost of Construction $40,000

Subdivision Name SASSAFRAS ACRES Lot 95 Block ____ Unit ____ Phase ____

Driving Directions FROM FT WHITE, HWY 27 SOUTH TO C.R. 138 RIGHT, ONE BLOCK TURN RIGHT ON BOBCAT DR ONE MILE ON LEFT

Type of Construction WOOD FRAME Addition Number of Existing Dwellings on Property 1

Total Acreage 8.7 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front 105' ✓ Side 105' ✓ Side 105' ✓ Rear 130' ✓

Total Building Height 15' Number of Stories 1 Heated Floor Area 780 Roof Pitch 5/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Marjorie Jones John Sterpe

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

MARSHA B. WARD
MY COMMISSION # DD 279841
EXPIRES: March 9, 2008
Bonded Thru Notary Public Underwriters

Sworn to (or affirmed) and subscribed before me

this 7 day of June 20 06.

Personally known ____ or Produced Identification FLDL

Contractor Signature

Contractors License Number

Competency Card Number

NOTARY STAMP/SEAL

Marsha B Ward

Notary Signature

T. called 6-22-06

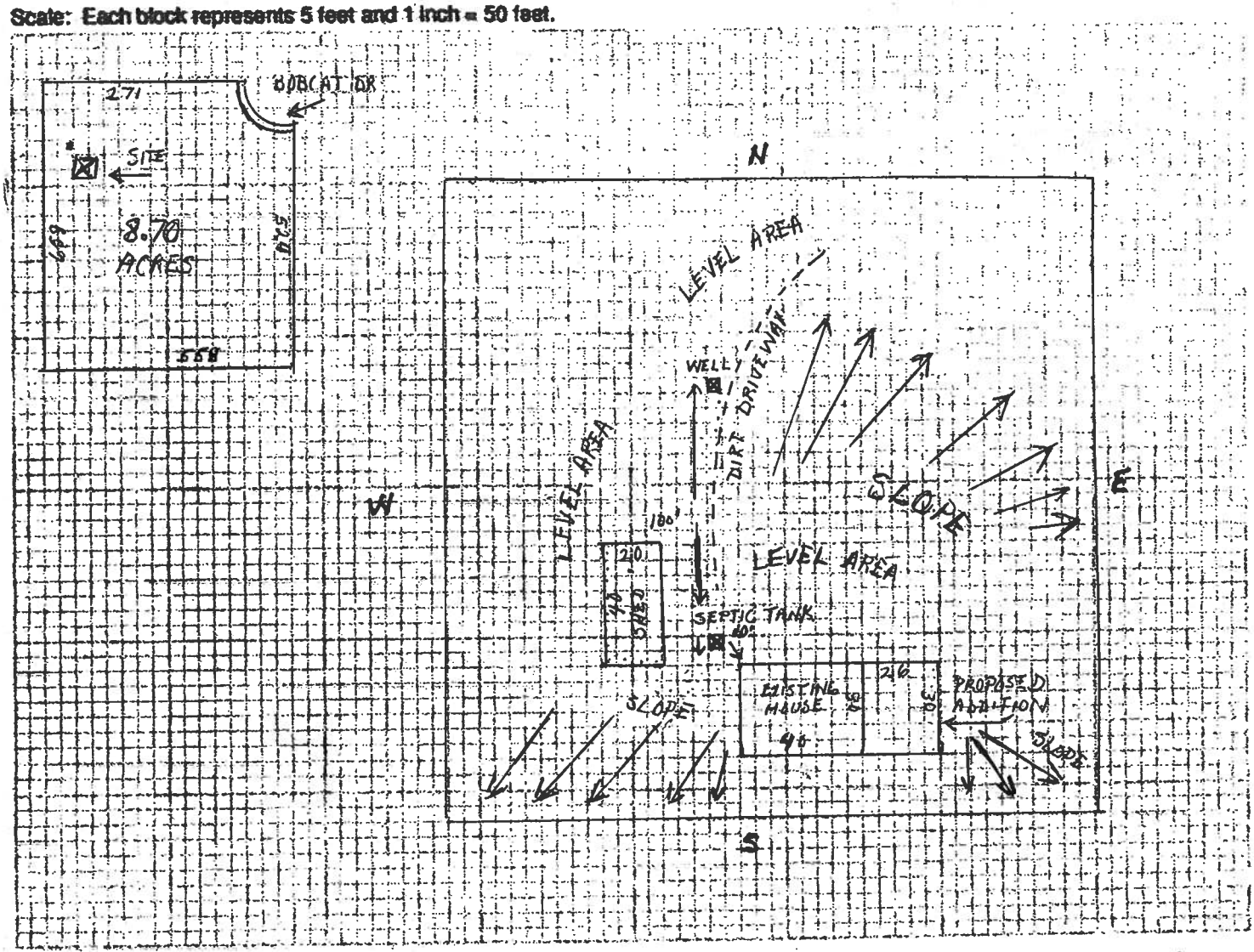
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number _____

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: EXISTING HOUSE AND PROPOSED 30'x26' ADD-ON ADDITION SHOWN ON THIS DRAWING

EXISTING SEPTIC SHOWN 10' FROM HOUSE

Site Plan submitted by: John Stump
Signature

HOME OWNER
Title

Plan Approved _____ Not Approved _____

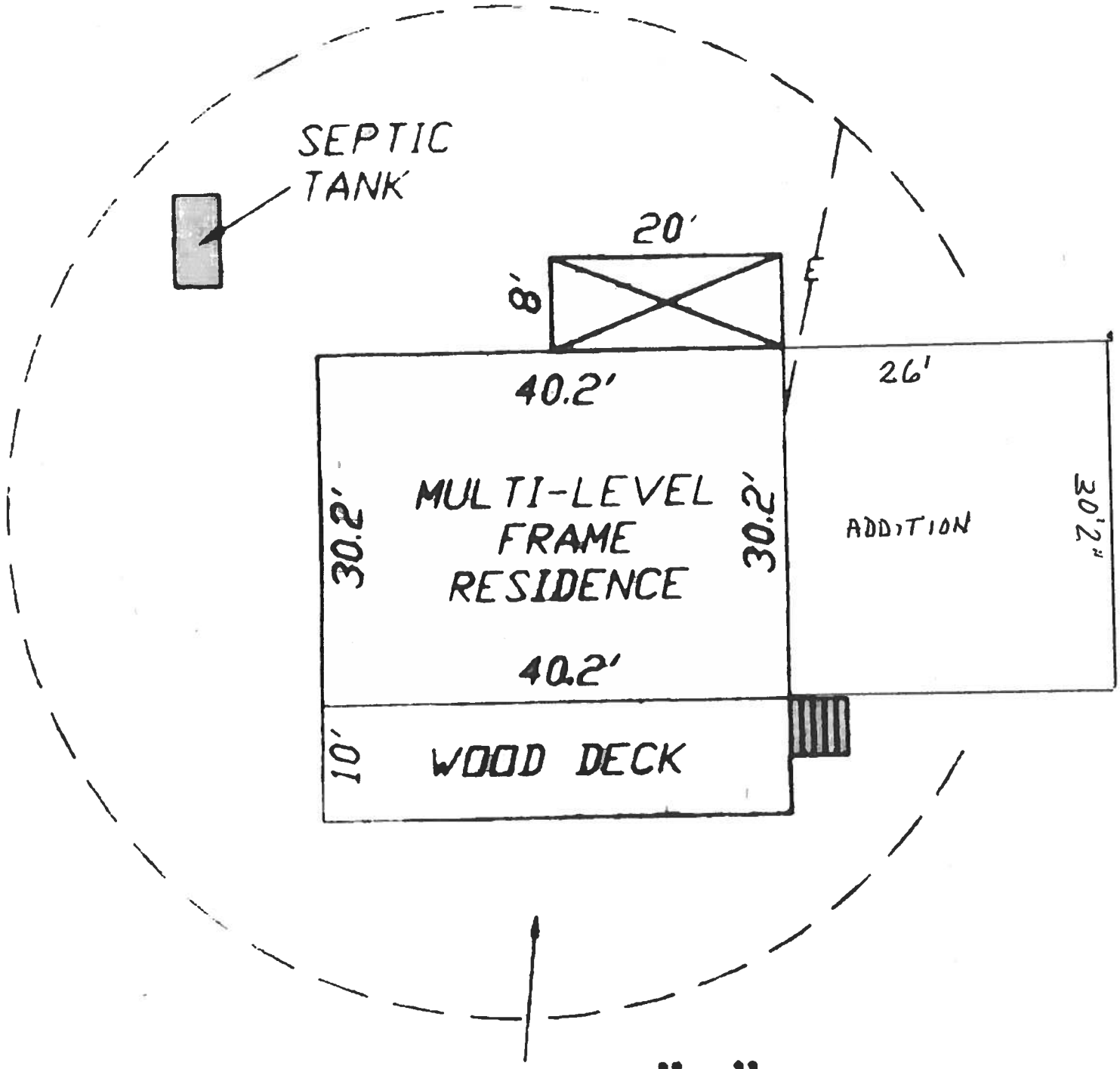
Date 6/12/06

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

```
@ CAM112M01        CamaUSA Appraisal System                        Columbia County
 6/22/2006 10:18   Legal Description Maintenance        57680  Land  003
Year T Property                              Sel                  AG    000
2006 R 19-7S-17-10024-095 . . . . . . . . . . . . . . .          93236  Bldg  001
       720 BOBCAT DR SW  FT WHITE                                 1800  Xfea  002
       JONES MARJORIE &                                         152716  TOTAL     B*

  1  LOT 95 SASSAFRAS ACRES S/D. . . .  ORB 781-1037,, WD 1048-1787. . . .    2
  3  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .    4
  5  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .    6
  7  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .    8
  9  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .   10
 11  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .   12
 13  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .   14
 15  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .   16
 17  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .   18
 19  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .   20
 21  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .   22
 23  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .   24
 25  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .   26
 27  . . . . . . . . . . . . . . . . . .  . . . . . . . . . . . . . . . . .   28
                                                  Mnt  7/25/2005 KYLIE
F1=Task  F3=Exit  F4=Prompt  F10=GoTo  PgUp/PgDn  F24=More
```



INSERT "A"

SCALE: 1" = 30'

SCALE: 1" = 100'

SYMBOL LEGEND

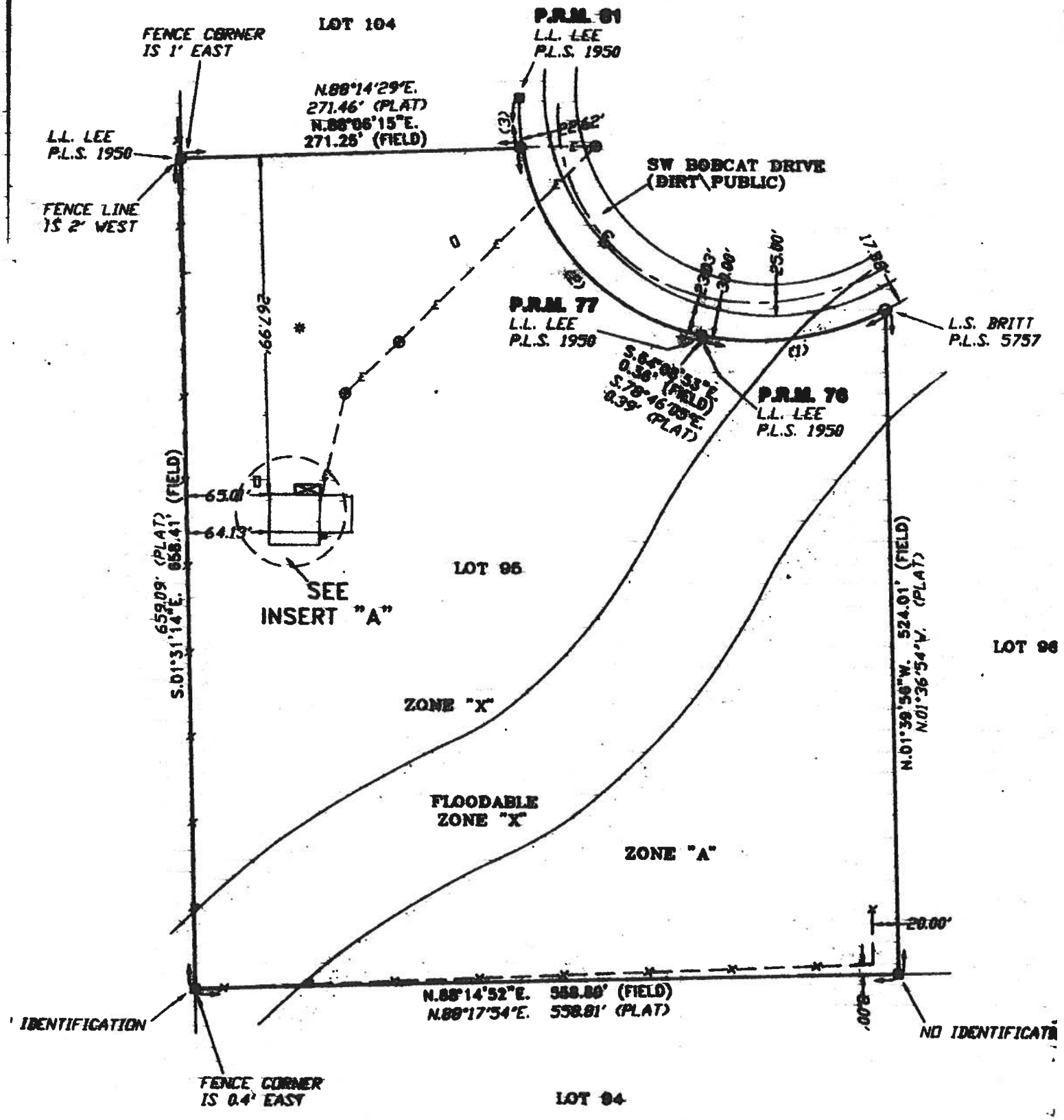
■	4"X4" CONCRETE MONUMENT FOUND
▣	4"X4" CONCRETE MONUMENT SET
●	IRON PIPE FOUND
◎	IRON PIN AND CAP SET
●	POWER POLE
▲	WATER METER
℄	CENTERLINE
✱	WELL
●	SATELLITE DISH
●	TELEPHONE BOX
--E--	ELECTRIC LINES
--x--	WIRE FENCE
--●--	CHAIN LINK FENCE
--●--	WOODEN FENCE

CURVE TABLE

NO.	RADIUS	DELTA	ARC	TANGENT	CHORD	CHORD BEARING
1	230.00'	37°24'48"	150.19'	77.88'	147.53'	S.81°36'24"W.
PLAT	230.00'		151.20'			
2	180.00'	69°44'30"	219.10'	125.43'	205.82'	N.44°09'44"W.
PLAT	180.00'		217.12'			
3	180.00'	12°41'29"	39.87'	20.02'	39.79'	N.04°16'14"W.
PLAT	180.00'		27.82'			

DESCRIPTION:
LOT 95 OF "SASSAFRAS ACRES" AS PER PLAT THEREOF RECORDED IN PLAT BOOK 4, PAGES 8 & 8A OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

John Sterpe and Marjorie Jones
720 Sw Bobcat Drive
Fort White Fl
32038
386-454-0824



DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

(X) Single Family Dwelling
( ) Two-Family Residence
( ) Farm Outbuilding
( ) Other_____
( ) New Construction
(X) Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I Maynie Jones, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number_____

Maynie Jones 6/19/06
Signature Date

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date_____ Building Official/Representative_____

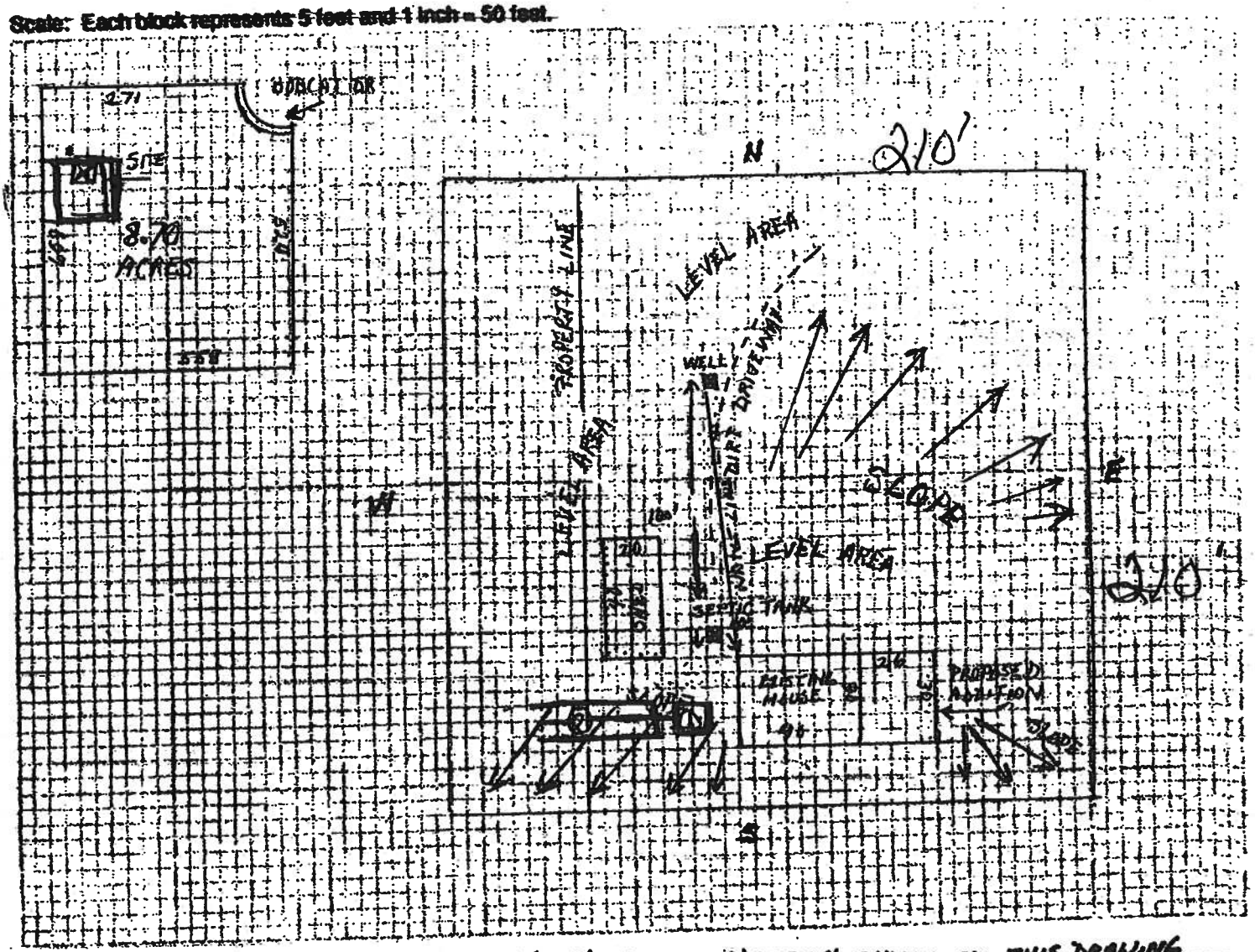
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-0578N

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: EXISTING HOUSE AND PROPOSED 30'x26' ADD-ON ADDITION SHOWN ON THIS DRAWING
EXISTING SEPTIC SHOWN 11' FROM HOUSE SEPTIC TANK TO W. SIDE PROPERTY LINE IS 40'

Site Plan submitted by: John Stepp
Signature

HOME OWNER
Title

Date 6/28/06

Plan Approved ✓ Not Approved ____

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/99 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 0344-000-4015-0)

FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	Jones-Sterpes Residence	Builder:	Owner
Address:		Permitting Office:	Columbia
City, State:	Ft White,	Permit Number:	24666
Owner:		Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	Addition		
2. Single family or multi-family	Single family		
3. Number of units, if multi-family	1		
4. Number of Bedrooms	1		
5. Is this a worst case?	No		
6. Conditioned floor area (ft²)	780 ft²		
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: (or Single or Double DEFAULT)	7a. (Dble Default)	55.0 ft²	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear)	55.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 131.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 836.0 ft²	
b. Frame, Wood, Adjacent		R=13.0, 420.0 ft²	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 780.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Con. AH: Interior		Sup. R=6.5, 100.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 18.0 kBtu/hr	
	SEER: 10.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 18.0 kBtu/hr	
	HSPF: 6.80	
b. N/A		
c. N/A		
14. Hot water systems		
a. N/A		
b. N/A		
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		

Glass/Floor Area: 0.09 **Total as-built points: 7909** **Total base points: 9641** **PASS**

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: 6.7.06

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.7

The higher the score, the more efficient the home.

, , Ft White, ,

1.	New construction or existing		Addition	12.	Cooling systems	
2.	Single family or multi-family		Single family	a.	Central Unit	Cap: 18.0 kBtu/hr
3.	Number of units, if multi-family		1			SEER: 10.00
4.	Number of Bedrooms		1	b.	N/A	
5.	Is this a worst case?		No			
6.	Conditioned floor area (ft²)		780 ft²	c.	N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
a.	U-factor:	Description	Area	13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default)	55.0 ft²	a.	Electric Heat Pump	Cap: 18.0 kBtu/hr
b.	SHGC:					HSPF: 6.80
	(or Clear or Tint DEFAULT)	7b. (Clear)	55.0 ft²	b.	N/A	
8.	Floor types					
a.	Slab-On-Grade Edge Insulation		R=0.0, 131.0(p) ft	c.	N/A	
b.	N/A					
c.	N/A			14.	Hot water systems	
9.	Wall types			a.	N/A	
a.	Frame, Wood, Exterior		R=13.0, 836.0 ft²			
b.	Frame, Wood, Adjacent		R=13.0, 420.0 ft²	b.	N/A	
c.	N/A					
d.	N/A			c.	Conservation credits	
e.	N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
a.	Under Attic		R=30.0, 780.0 ft²	15.	HVAC credits	
b.	N/A				(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
a.	Sup: Con. Ret: Con. AH: Interior		Sup. R=6.5, 100.0 ft		MZ-C-Multizone cooling,	
b.	N/A				MZ-H-Multizone heating)	

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

FORM 600A-2004

EnergyGauge® 4.0

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , Ft White, , PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 60 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

FORM 600A-2004 EnergyGauge® 4.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Ft White, , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	780.0	20.04	2812.8	Double, Clear	N	1.5	6.0	30.0	19.20	0.94	540.7	
				Double, Clear	E	1.5	6.0	25.0	42.09	0.96	1008.9	
				Double, Clear	S	1.5	6.0	15.0	36.87	0.66	460.6	
				As-Built Total:				70.0			2008.2	
WALL TYPES	Area X	BSPM	= Points	Type			R-Value	Area X	SPM	=	Points	
Adjacent	420.0	0.70	294.0	Frame, Wood, Exterior			13.0	636.0	1.50		1254.0	
Exterior	636.0	1.70	1421.2	Frame, Wood, Adjacent			13.0	420.0	0.60		252.0	
Base Total:	1056.0		1715.2	As-Built Total:				1056.0			1506.0	
DOOR TYPES	Area X	BSPM	= Points	Type				Area X	SPM	=	Points	
Adjacent	42.0	2.40	100.8	Adjacent Insulated				42.0	1.60		67.2	
Exterior	0.0	0.00	0.0									
Base Total:	42.0		100.8	As-Built Total:				42.0			67.2	
CEILING TYPES	Area X	BSPM	= Points	Type			R-Value	Area X	SPM X SCM	=	Points	
Under Attic	780.0	1.73	1349.4	Under Attic			30.0	780.0	1.73 X 1.00		1349.4	
Base Total:	780.0		1349.4	As-Built Total:				780.0			1349.4	
FLOOR TYPES	Area X	BSPM	= Points	Type			R-Value	Area X	SPM	=	Points	
Slab	131.0(p)	-37.0	-4847.0	Slab-On-Grade Edge Insulation			0.0	131.0(p	-41.20		-5397.2	
Raised	0.0	0.00	0.0									
Base Total:			-4847.0	As-Built Total:				131.0			-5397.2	
INFILTRATION	Area X	BSPM	= Points					Area X	SPM	=	Points	
	780.0	10.21	7963.8					780.0	10.21		7963.8	

FORM 600A-2004 EnergyGauge® 4.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Ft White, ,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 9095.8			**Summer As-Built Points: 7497.4**					
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 18000 btuh ,SEER/EFF(10.0) Ducts:Con(S),Con(R),Int(AH),R8.5(INS)					
9095.8	0.4266	3880.3	7497 7497.4	1.00 1.00	(1.00 x 1.147 x 0.91) 1.044	0.341 0.341	1.000 1.000	2670.9 2670.9

FORM 600A-2004 EnergyGauge® 4.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Ft White, , PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	780.0	12.74	1788.7	Double, Clear	N	1.5	6.0	30.0	24.68	1.00	739.1
				Double, Clear	E	1.5	6.0	26.0	18.79	1.02	479.1
				Double, Clear	S	1.5	6.0	15.0	13.30	1.12	222.9
				As-Built Total:				70.0			1441.2
WALL TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM	=	Points
Adjacent	420.0	3.60	1512.0	Frame, Wood, Exterior			13.0	836.0	3.40		2842.4
Exterior	836.0	3.70	3093.2	Frame, Wood, Adjacent			13.0	420.0	3.30		1386.0
Base Total:	1256.0		4605.2	As-Built Total:				1256.0			4228.4
DOOR TYPES	Area X	BWPM	= Points	Type				Area X	WPM	=	Points
Adjacent	42.0	11.50	483.0	Adjacent Insulated				42.0	8.00		336.0
Exterior	0.0	0.00	0.0								
Base Total:	42.0		483.0	As-Built Total:				42.0			336.0
CEILING TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM X	WCM =	Points
Under Attic	780.0	2.05	1599.0	Under Attic			30.0	780.0	2.05 X	1.00	1599.0
Base Total:	780.0		1599.0	As-Built Total:				780.0			1599.0
FLOOR TYPES	Area X	BWPM	= Points	Type			R-Value	Area X	WPM	=	Points
Slab	131.0(p)	8.9	1165.9	Slab-On-Grade Edge Insulation			0.0	131.0(p	18.80		2462.8
Raised	0.0	0.00	0.0								
Base Total:			1165.9	As-Built Total:				131.0			2462.8
INFILTRATION	Area X	BWPM	= Points					Area X	WPM	=	Points
	780.0	-0.59	-460.2					780.0	-0.59		-460.2

FORM 600A-2004

EnergyGauge® 4.0

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , Ft White, , PERMIT #:

BASE			AS-BUILT						
WATER HEATING Number of Bedrooms	X Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total
1	2635.00	0.0			1	1.00	2635.00	1.00	2635.0
			As-Built Total:						0.0

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
3880	5761	0	9641	2671	5238	0	7909

PASS

FORM 600A-2004

EnergyGauge® 4.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , Ft White, , PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		9181.6	Winter As-Built Points:					9607.2
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
9181.6	0.6274	5760.5	(sys 1: Electric Heat Pump 18000 btuh ,EFF(8.8) Ducts:Con(S),Con(R),Int(AH),R8.6 9607.2	1.000	(1.000 x 1.169 x 0.93)	0.501	1.000	5237.7
			9607.2	1.00	1.087	0.501	1.000	5237.7

Summary Energy Code Results

Residential Whole Building Performance Method A

Project Title:
Jones-Sterpes Residence

Class 3 Rating
Registration No. 0
Climate: North

Ft White,

6/7/2006

Building Loads			
Base		As-Built	
Summer:	9096 points	Summer:	7497 points
Winter:	9182 points	Winter:	9607 points
Hot Water:	0 points	Hot Water:	0 points
Total:	18277 points	Total:	17105 points

Energy Use			
Base		As-Built	
Cooling:	3880 points	Cooling:	2671 points
Heating:	5761 points	Heating:	5238 points
Hot Water:	0 points	Hot Water:	0 points
Total:	9641 points	Total:	7909 points

PASS
e-Ratio: 0.82

RESIDENTIAL WIND DESIGN & ANALYSIS

NO COPIES ARE TO BE PERMITTED \ FBC2004

PREPARED FOR:

THE STERPE \ JONES 30'-0" X 26'8" ADDITION

PREPARED BY:

MARTY R. ESKRIDGE
14952 MAIN ST
ALACHUA FL 32615
386-462-1340 / 352-375-6329

OFFIC COPY

SUMMARY

OF WIND DESIGN & ANALYSIS

Trusses: Lumber type So. Pine Grade #1 #2 #3 Size 2 x 4 Spacing 24 in.

Roof sheathing: Type OSB Size 7/16 Fastener type Nails Size 8d/131/Gh.
Interior zone spacing: Interior 8 in. Periphery 4 in.
Edge and end zone spacing: Interior 8 in. Periphery 4 in.

Top double pl: Type Spruce Grade #1 #2 Size 2 x 4 Nail spacing 12 in.

Studs: Wood or Steel: Wood Type Spruce Grade #1 #2 Size 2 x 4
Interior stud spacing 16 in. Composite (yes or no) Y
End stud spacing 16 in. Composite (yes or no) Y

Shearwall siding: Type OSB Thickness 7/16 in.
37' — Trans: Fastener 8d/131 Spacing: Int 8 in. Edge 4 in.
27' — Long: Fastener 8d/131 Spacing: Int 8 in. Edge 4 in.

Allowable unit shear on shearwalls: 326 **pounds per linear foot**

Wall tension transferred by: Siding nails 8d/131 @ 4 O.C. edges

Foundation anchor bolts: Concrete strength 3000 psi
Size 1/2 in. Shape L Washer 2" Embedment 7 in.
Location of first anchor bolt from corner 8 in.

Anchor Bolts @ 48" O.C. Model A307 Loc. from corner 8 in.

Type of foundation: 1 #5 rebar continuous required in bond beam.

Floor slab 4 in. CMU: Size 8 x 16 in. Height 24 in. Reinf. # 5 at 96 in.
Monolithic footing: Depth 20 in. Bottom width 12 in.

Footing: Width 16 in. Depth 12 in. Reinforcing 2 --# 5 bars
Interior Footings: 16" W X 10" D

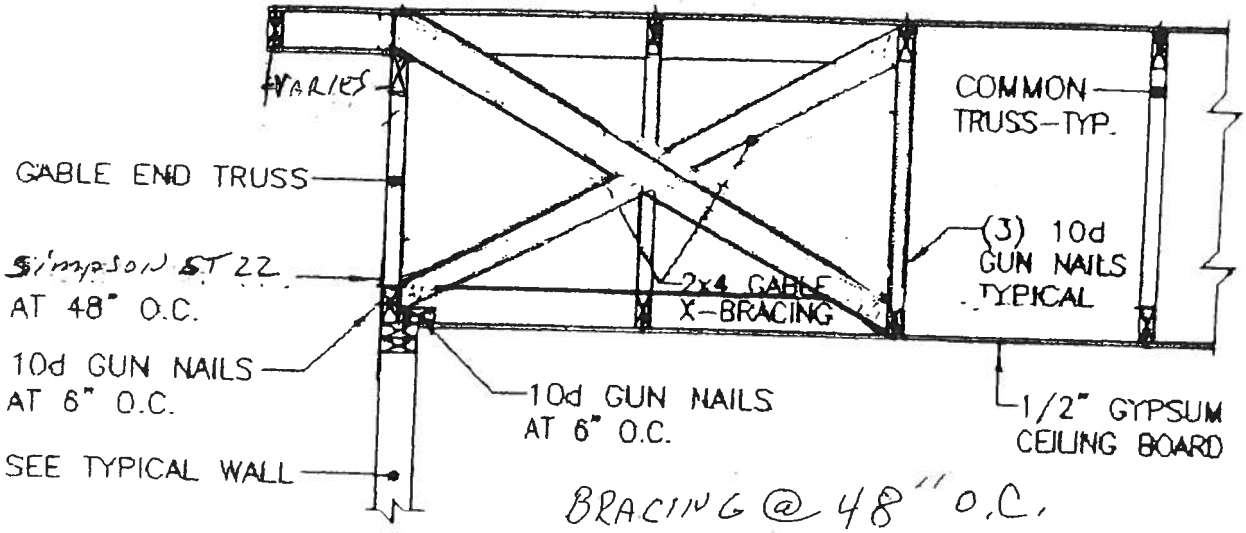
Porch Columns: NA

Porch Column Fasteners: NA

Pads to be cmu - 32X32X24" Deep w/4 #5 EA WAY (9) TOTAL Pads.
Provide for 448# uplift on each end of floor South
Provide for 1698# uplift for top of each Floor girder to pad.

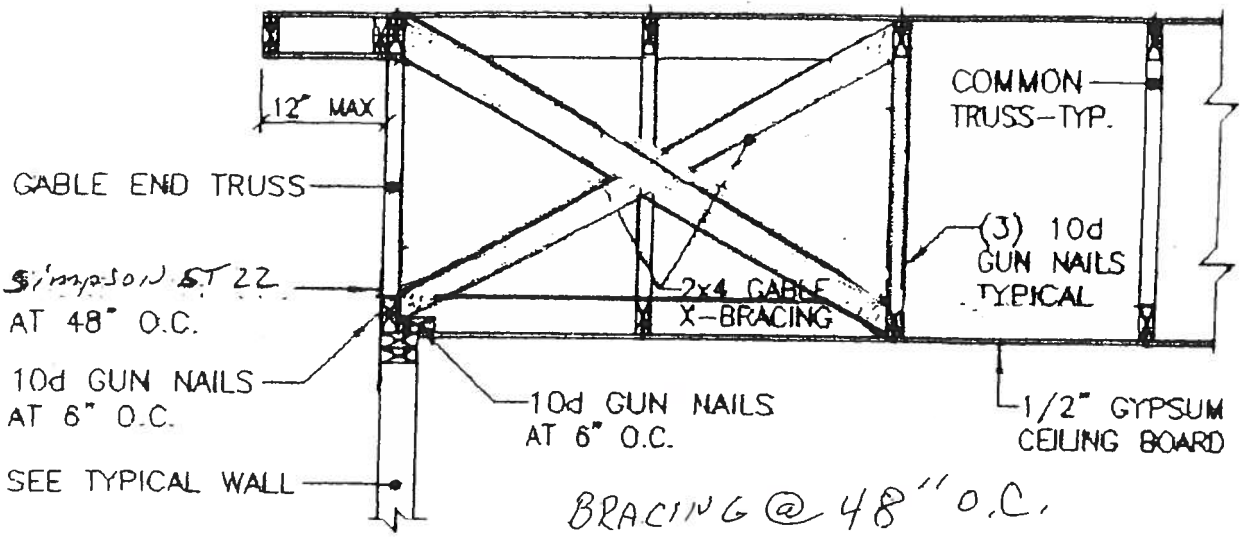
NOTE:
1. Balloon frame ALL gable ends unless this summary is accompanied by Gable End Wall Brace detail.
2. All trusses must bear on exterior walls & porch beams.
3. All walls to be nailed with same nailing pattern as shearwalls.
4. This is a windload only, NOT a structural analysis.
5. This windload is not valid without a raised, embossed seal.
6. It is assumed that ideal soil conditions and pad preparations are provided.
7. Fiber mesh or WWM may be used in concrete slab.
8. Trusses must be anchored and supported in accordance to the truss engineering.
9. Wind design and analysis valid for one use only, no copies permitted.
10. The foundation is for minimum design use and may be increased.
11. All headers over 12 feet to be pre-engineered.

AW013980
5/20/06



GABLE END DETAIL

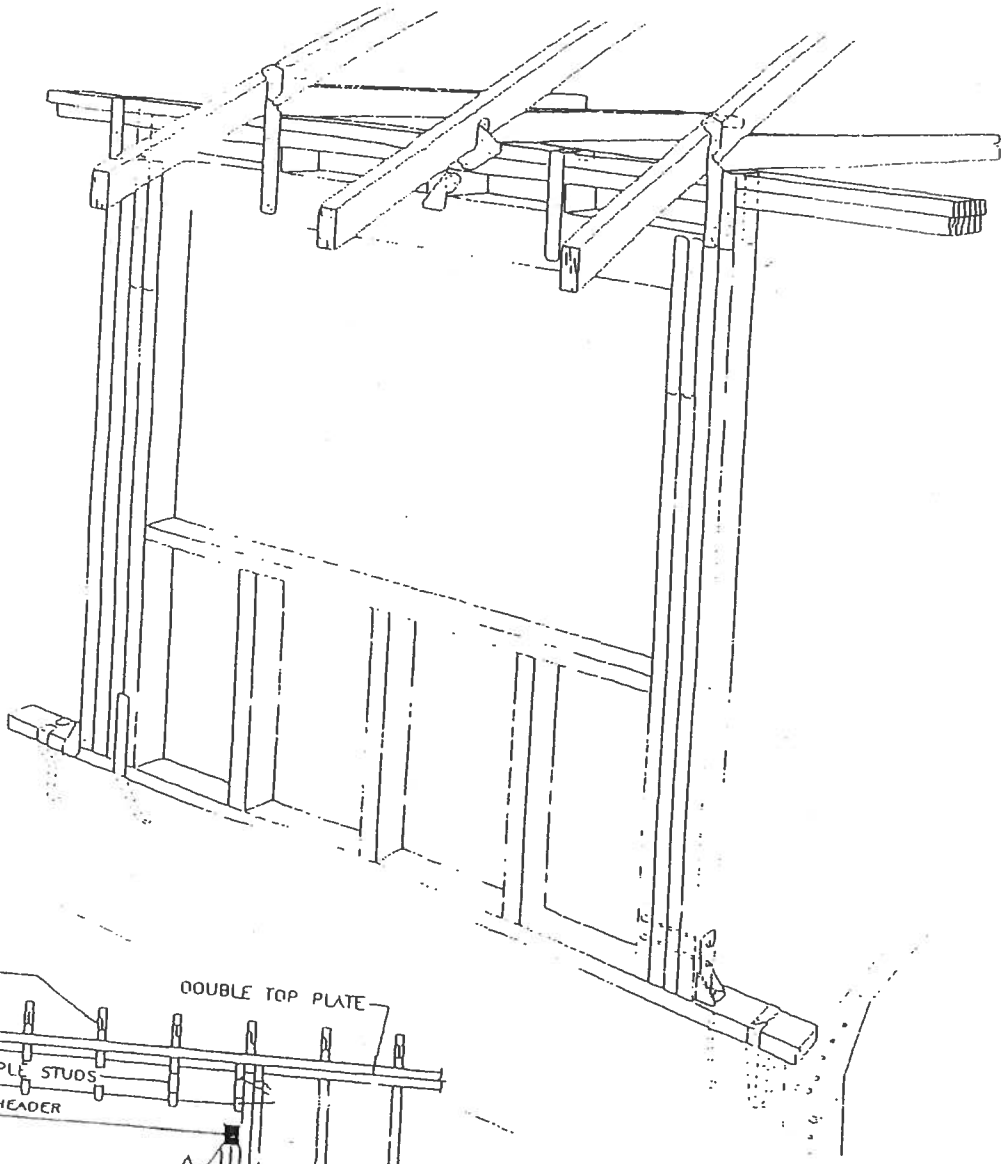
SCALE: NTS

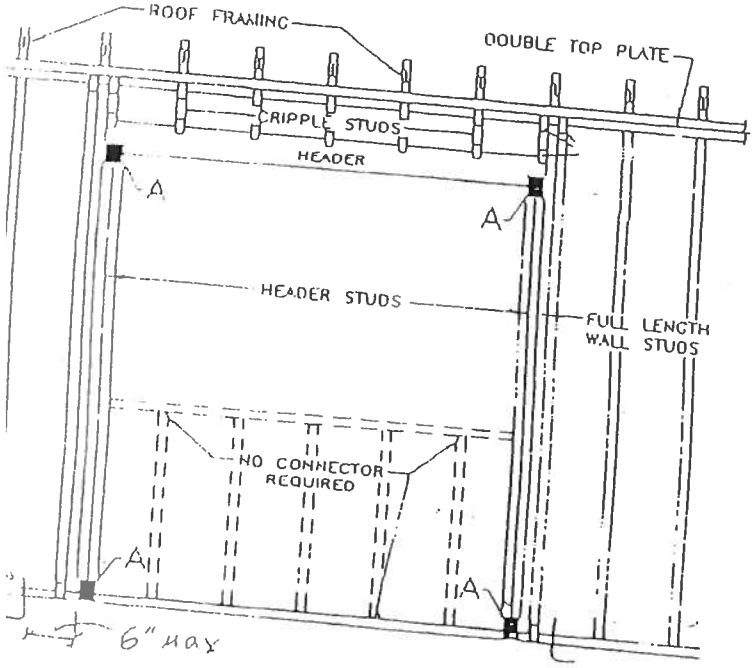


GABLE END DETAIL

SCALE: NTS

DR0013981
5/20/06





Total each truss uplift on the header divide by 2 for header anchorage

TIE-DOWN TABLES

HEADERS				
Uplift Force Lbs	Top Connector **	Rating Lbs	Bottom Connector **	Rating Lbs
to 455	LSTA9	725	H3	455
to 910	LSTA12	905	2-H3	910
to 1265	LSTA18	1265	LTT19	1350
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2565
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3700
Total uplift for each truss resting on the header and divide by 2 to determine the uplift force. Use proper bolt anchors sufficient to support required load.				

TRUSSES/GIRDERS		
Uplift Force Lbs	Top Connector **	Bottom Connector **
to 500	H2.5	N/A
501-1049	H10	N/A
1050-1350	TS22	LTT19
1351-1750	2-TS22	LTT20
1751-2570	2-TS22	HD2A
2571-3665	3-TS22	HD5A
3666-5260	2-MST148	HTT22
5261-8300	2-MST48	HD10A
Two 12d common toenails are required per truss/rafter per bearing point into plate. Use proper bolt anchors. Strap rafters to truss or at each end with minimum uplift resistance of 450# each end. Strap ridge beam at each end with minimum uplift resistance of 1000#. It is the contractors responsibility to provide a continuous load path from truss/rafter/ridge beam to foundation.		

	Top Connector **	Rating Lbs	Bottom Connector **	Rating
BEAM SEATS	LSTA18*	1200	LTT19*	1250
POSTS (max 17' spacing)	2-LSTA18	2400	ABU44	2300
*or per truss engineering Use proper bolt anchors All beams to be sheathed or strapped to Double Top Plate when applicable.				

CRIPPLES	Sheathing nailing alone adequate w/8d nails @ 3" O.C.

STUDS
Wall sheathing nailing Adequate exterior walls bottom w/8d nails @ 3" O.C.
Wall sheathing nailing Adequate exterior walls top w/8d nails @ 3" O.C., as long as sheathing covers top plate, otherwise use SP2 @ 32" O.C. in addition to sheathing nailing.
Use SP2 top and SP1 bottom each stud for all interior load bearing walls and anchor bolts @ 32" O.C.
Interior anchor bolts to be ½" x 8" A307 or ½" x 6" wedge anchor or equivalent.

** Equivalent Simpson hardware, or other manufacturer, may be substituted for any of the hardware specified on this page as long as it meets the required load capacities/uplift resistance.
NOTE: For nailing into SPF members, multiply table values by .86

ASCE 7-02

5/18/06

Wind Load Design per ASCE 7-02

User Input Data		
Structure Type	Building	
Basic Wind Speed (V)	110	mph
Structural Category	II	
Exposure	B	
Struc Nat Frequency (n1)	1	Hz
Slope of Roof (Theta)	22.6	Deg
Type of Roof	Gabled	
Eave Height (Eht)	8.00	ft
Ridge Height (RHt)	14.33	ft
Mean Roof Height (Ht)	11.08	ft
Width Perp. to Wind (B)	30.00	ft
Width Parallel to Wind (L)	26.67	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters		
Importance Factor	1	
Hurricane Prone Region (V>100 mph)		
Table C6-4 Values		
Alpha =	7.000	
zg =	1200.000	
At =	0.143	
Bt =	0.840	
Am =	0.250	
Bm =	0.450	
Cc =	0.300	
l =	320.00	ft
Epsilon =	0.333	
Zmin =	30.00	ft

Calculated Parameters	
Type of Structure	
Height/Least Horizontal Dim	0.42
Flexible Structure	No

Gust Factor Category I: Rigid Structures - Simplified Method			
Gust1	For rigid structures (Nat Freq > 1 Hz) use 0.85	0.85	
Gust Factor Category II: Rigid Structures - Complete Analysis			
Zm	Zmin	30.00	ft
Izm	Cc * (33/z)^0.167	0.3048	
Lzm	l*(zm/33)^Epsilon	309.99	ft
Q	(1/(1+0.63*((B+Ht)/Lzm)^0.63))^0.5	0.9220	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8790	
Gust Factor Category III: Flexible or Dynamically Sensitive Structures			
Vhref	V*(5280/3600)	161.33	ft/s
Vzm	bm*(zm/33)^Am*Vhref	70.89	ft/s
NF1	NatFreq*Lzm/Vzm	4.37	Hz
Rn	(7.47*NF1)/(1+10.302*NF1)^1.667	0.0552	
Nh	4.6*NatFreq*Ht/Vzm	0.72	
Nb	4.6*NatFreq*B/Vzm	1.95	
Nd	15.4*NatFreq*Depth/Vzm	5.79	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.6533	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.3844	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.1577	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	0.9150	
gg	+(2*LN(3600*n1))^0.5+0.577/(2*LN(3600*n1))^0.5	4.19	
Gust3	0.925*((1+1.7*Izm*(3.4^2*Q^2+GG^2*RR^2)^0.5)/(1+1.7*3.4*Izm))	1.19	

Gust Factor Summary			
Main Wind-force resisting system:		**Components and Cladding:**	
Gust Factor Category:	I	Gust Factor Category:	I
Gust Factor (G)	0.88	Gust Factor (G)	0.88

ASCE 7-02

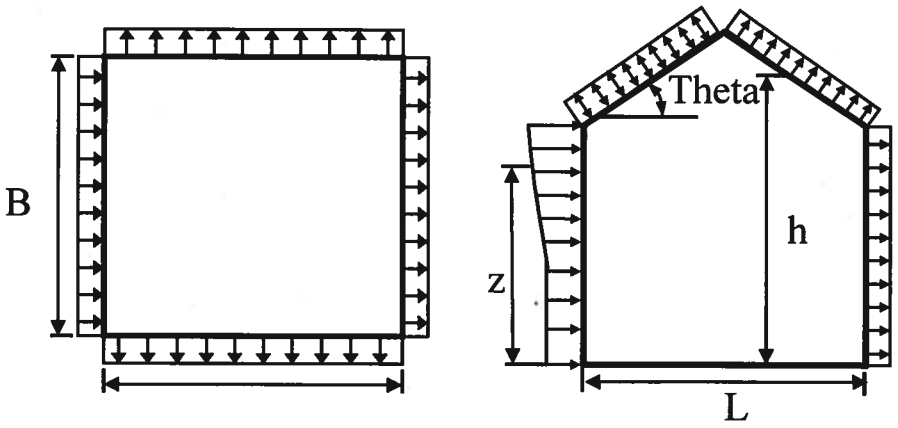
Wind Load Design per ASCE 7-02

6.5.12.2.1 Design Wind Pressure - Buildings of All Heights (Non-flexible)

Elev.	Kz	Kzt	Kd	qz	Pressure (lb/ft^2)	
					Windward Wall*	
ft			1.00	lb/ft^2	+GCpi	-GCpi
15	0.70	1.00	1.00	21.70	12.06	18.46

Figure 6-3 - External Pressure Coefficients, Cp

Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
Kh	2.01*(15/zg)^(2/Alpha)	0.57	
Kht	Topographic factor (Fig 6-2)	1.00	
Qh	.00256*(V)^2*ImpFac*Kh*Kht*Kd	17.80	psf

Wall Pressure Coefficients, Cp	
Surface	**Cp**
Windward Wall (See Figure 6.5.12.2.1 for Pressures)	0.80

Roof Pressure Coefficients, Cp	
Roof Area (sq. ft.)	-
Reduction Factor	1.00

Description	Cp	Pressure (psf)	
		+GCpi	-GCpi
Leeward Walls (Wind Dir Parallel to 30 ft wall)	-0.50	-11.03	-4.62
Leeward Walls (Wind Dir Parallel to 26.67 ft wall)	-0.48	-10.64	-4.23
Side Walls	-0.70	-14.16	-7.75
Roof - Normal to Ridge (Theta>=10)			
Windward - Max Negative	-0.31	-8.12	-1.71
Windward - Max Positive	0.15	-0.79	5.62
Leeward Normal to Ridge	-0.60	-12.59	-6.18
Overhang Top	-0.31	-4.92	-4.92
Overhang Bottom	0.80	0.70	0.70
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 5.54 ft	-0.90	-17.29	-10.88
Dist from Windward Edge: 5.54 ft to 11.08 ft	-0.90	-17.29	-10.88
Dist from Windward Edge: 11.08 ft to 22.16 ft	-0.50	-11.03	-4.62
Dist from Windward Edge: > 22.16 ft	-0.30	-7.90	-1.49

ASCE 7-02

Wind Load Design per ASCE 7-02

* Horizontal distance from windward edge

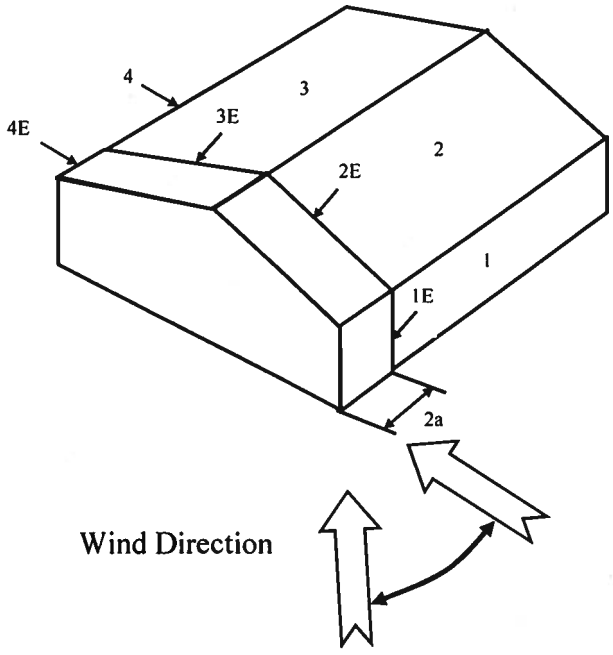
Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(15/zg)^(2/Alpha)	=	0.57
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	17.80

Case A						
Surface	**GCpf**	**+GCpi**	**-GCpi**	**qh (psf)**	**Min P (psf)**	**Max P (psf)**
1	0.54	0.18	-0.18	21.70	7.76	15.58
2	-0.46	0.18	-0.18	21.70	-13.80	-5.99
3	-0.47	0.18	-0.18	21.70	-14.04	-6.23
4	-0.41	0.18	-0.18	21.70	-12.90	-5.09
5	0.00	0.18	-0.18	21.70	-3.91	3.91
6	0.00	0.18	-0.18	21.70	-3.91	3.91
1E	0.77	0.18	-0.18	21.70	12.83	20.65
2E	-0.72	0.18	-0.18	21.70	-19.57	-11.75
3E	-0.65	0.18	-0.18	21.70	-17.98	-10.16
4E	-0.60	0.18	-0.18	21.70	-16.89	-9.08
5E	0.00	0.18	-0.18	21.70	-3.91	3.91
6E	0.00	0.18	-0.18	21.70	-3.91	3.91

* p = qh * (GCpf - GCpi)



ASCE 7-02

Wind Load Design per ASCE 7-02

Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(15/zg)^(2/Alpha)	=	0.57
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	17.80

Case B						
Surface	**GCpf**	**+GCpi**	**-GCpi**	**qh (psf)**	**Min P (psf)**	**Max P (psf)**
1	-0.45	0.18	-0.18	21.70	-13.67	-5.86
2	-0.69	0.18	-0.18	21.70	-18.88	-11.07
3	-0.37	0.18	-0.18	21.70	-11.94	-4.12
4	-0.45	0.18	-0.18	21.70	-13.67	-5.86
5	0.40	0.18	-0.18	21.70	4.77	12.59
6	-0.29	0.18	-0.18	21.70	-10.20	-2.39
1E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
2E	-1.07	0.18	-0.18	21.70	-27.13	-19.31
3E	-0.53	0.18	-0.18	21.70	-15.41	-7.60
4E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
5E	0.61	0.18	-0.18	21.70	9.33	17.14
6E	-0.43	0.18	-0.18	21.70	-13.24	-5.43

* p = qh * (GCpf - GCpi)

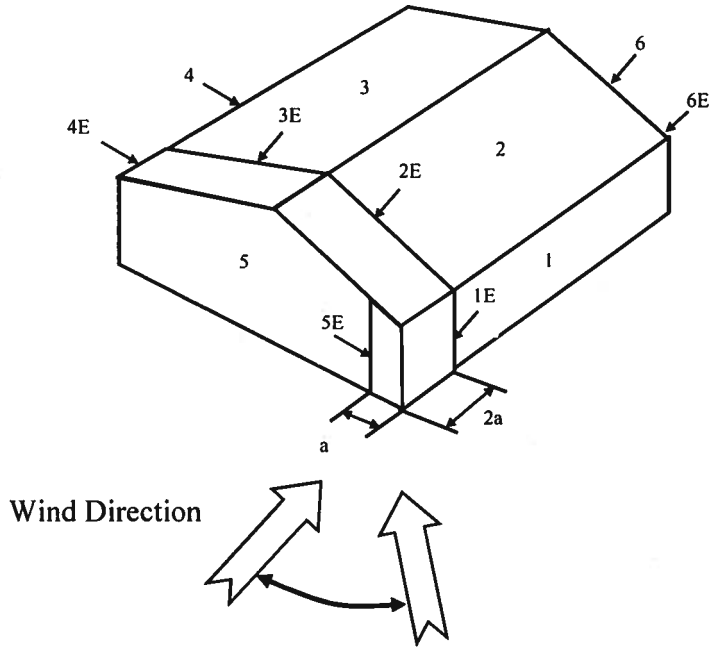
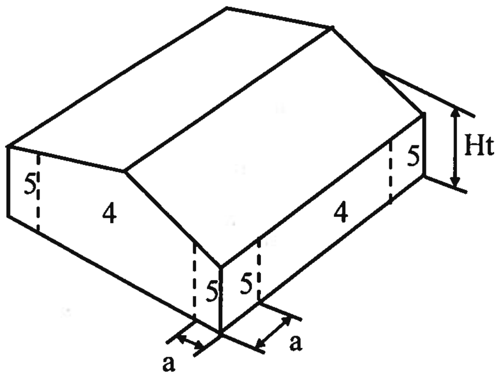


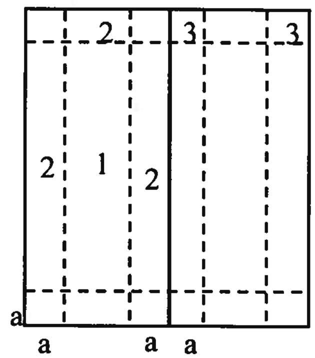
Figure 6-5 - External Pressure Coefficients, GCp

Loads on Components and Cladding for Buildings w/ Ht <= 60 ft

ASCE 7-02

Wind Load Design per ASCE 7-02





Gabled Roof
10 < Theta <= 45

a = 2.667 ==> 3.00 ft

Component	Width (ft)	Length (ft)	Area (ft^2)	Zone	GCp		Wind Press (lb/ft^2)	
					Max	Min	Max	Min
	16	7	112.00	5	0.81	-1.03	17.71	-21.53
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					

Note: * Enter Zone 1 through 5, or 1H through 3H for overhangs.

Table 6-7 Internal Pressure Coefficients for Buildings, Gcpi

Condition	Gcpi	
	Max +	Max -
Open Buildings	0.00	0.00

Partially Enclosed Buildings	0.55	-0.55
Enclosed Buildings	0.18	-0.18
Enclosed Buildings	**0.18**	**-0.18**

Table 6-8 External Pressure Coefficients for Arched Roofs, Cp

r (Rise-to-Span Ratio) = 0.3

Condition	Variable	Cp		
		Windward Quarter	Center Half	Leeward Quarter
Roof on Elevated Structure	Cp	0.13	-1	-0.5
	P (+GCpi) - psf	-1.25	-18.85	-11.03
	P (-GCpi) -psf	5.16	-12.44	-4.62
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	3.37	-18.85	-11.03
	P (-GCpi) -psf	3.37	-18.85	-11.03

Table 6-9 Force Coefficients for Monoslope Roofs over Open Buildings, Cf

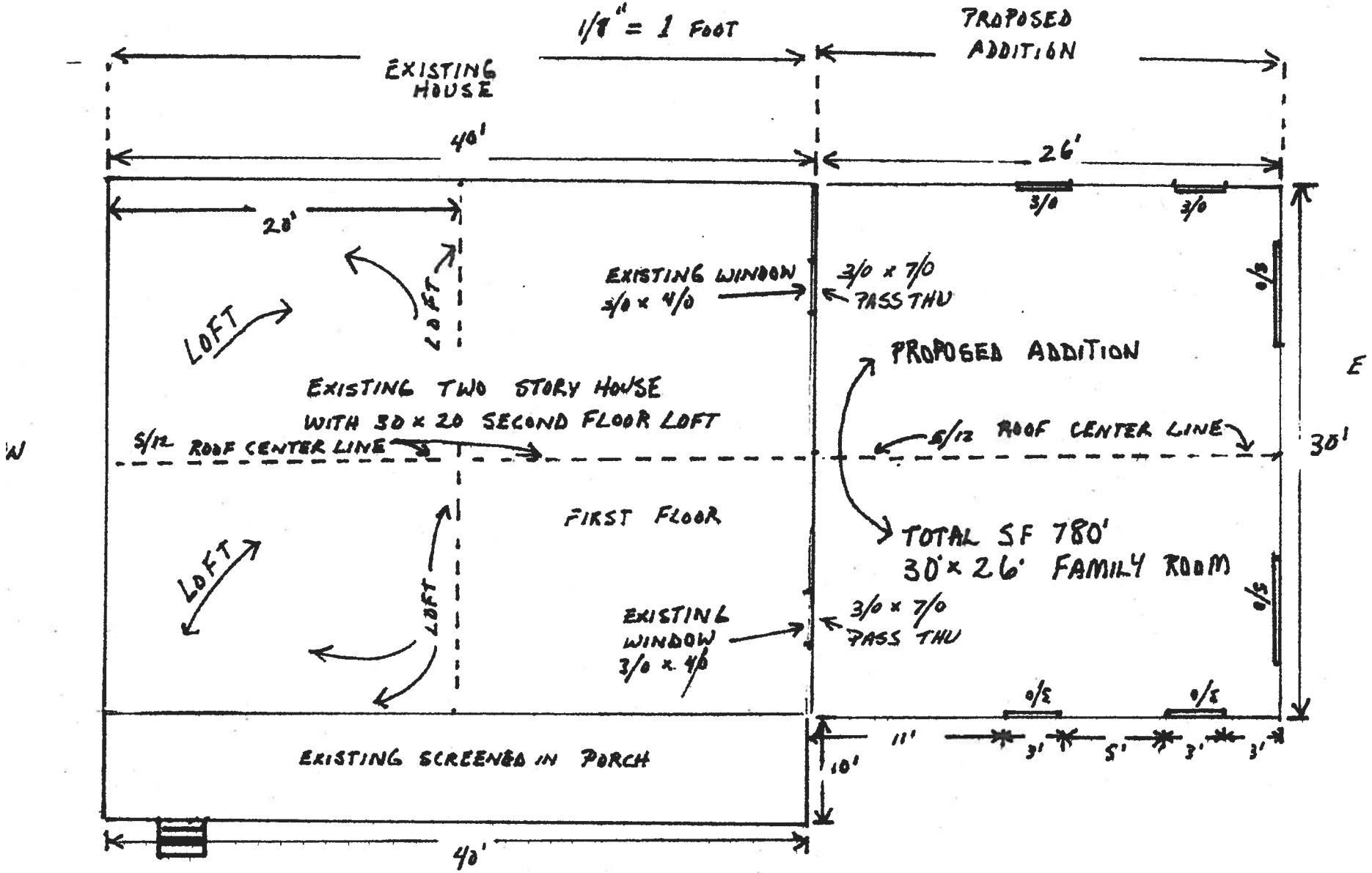
Variable	Description	Value	
L	Roof dimension normal to wind direction	26.67	ft
B	Roof dimension parallel to wind direction	30.00	ft
L/B	Ratio of L to B	0.889	
Theta	Slope of Roof	22.6	Deg
Cf	Force Coefficient	1.03	
X	Distance to center of pressure from windward edge	0.35	ft

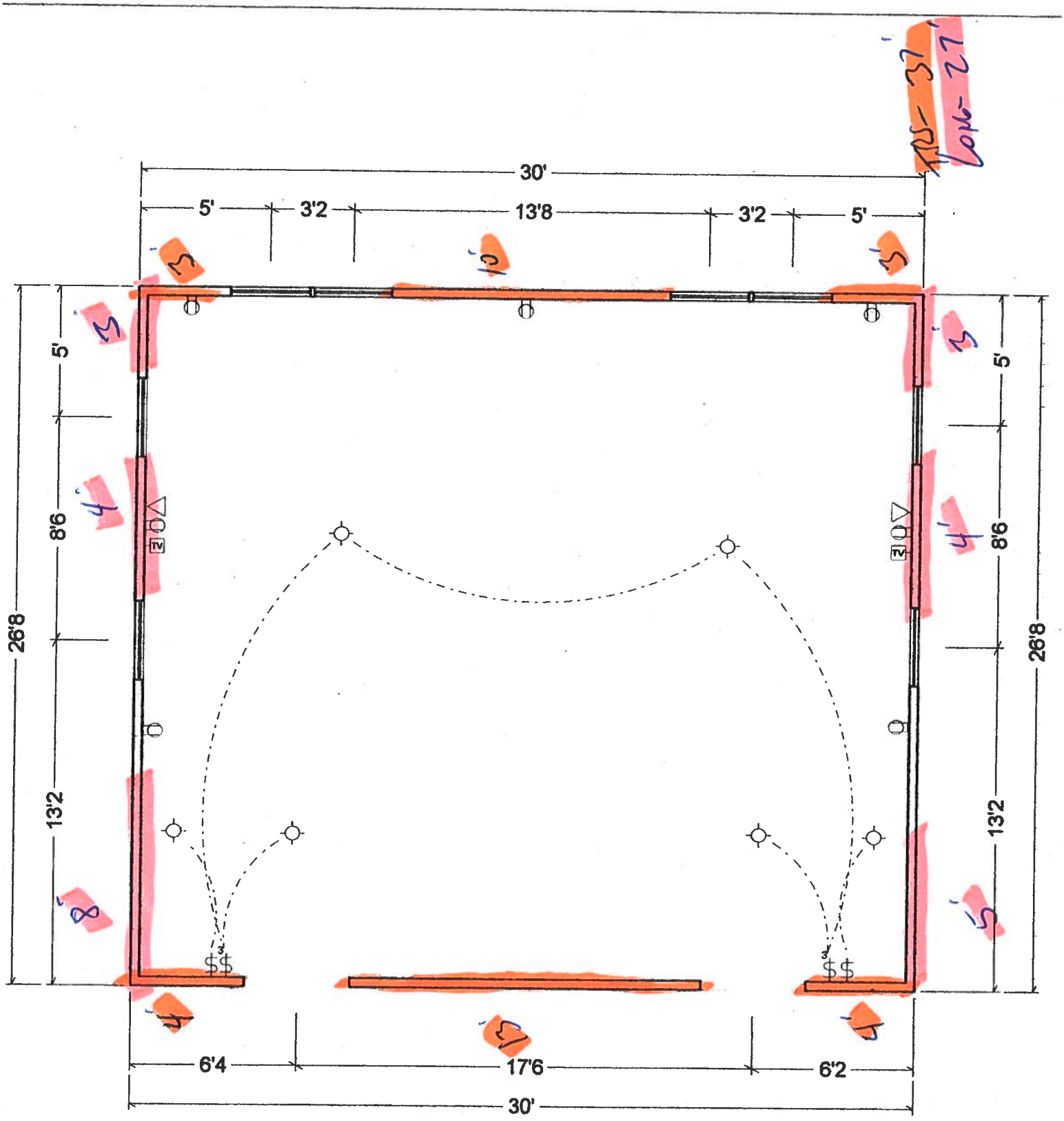
N T

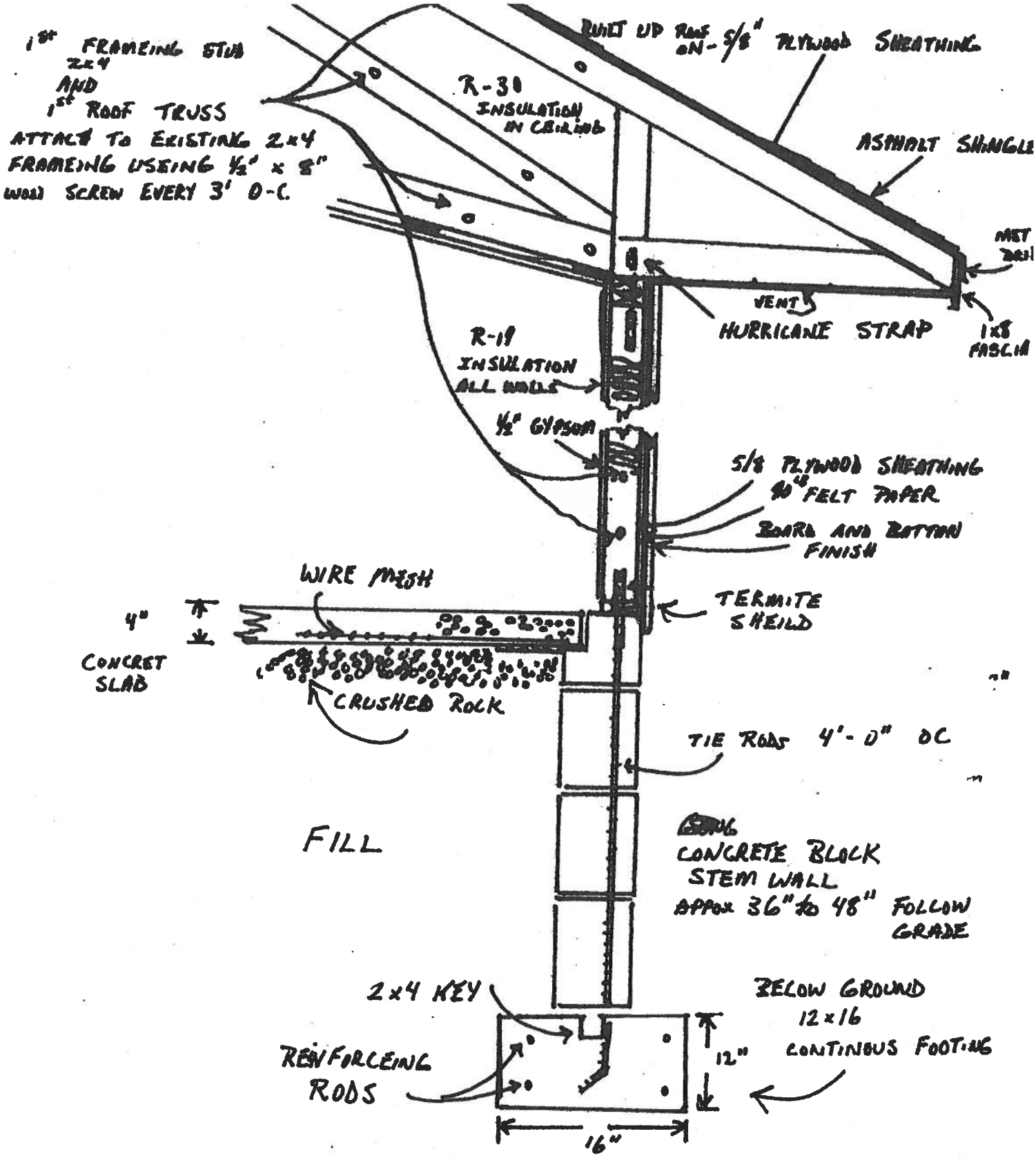
JOHN STERPE/MARJORIE JONES

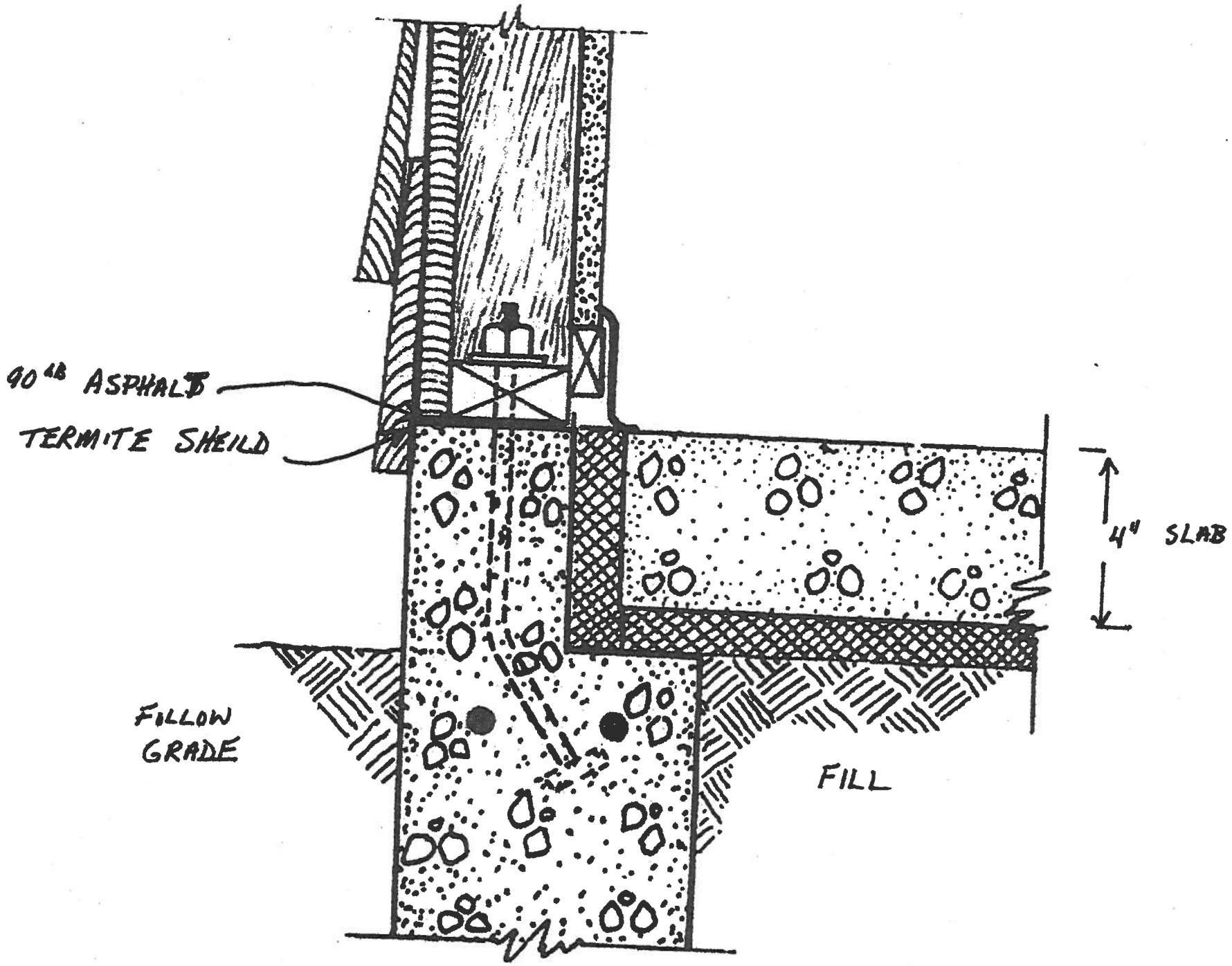
720 SW BOBCAT DR.

FT WHITE FL. 32038

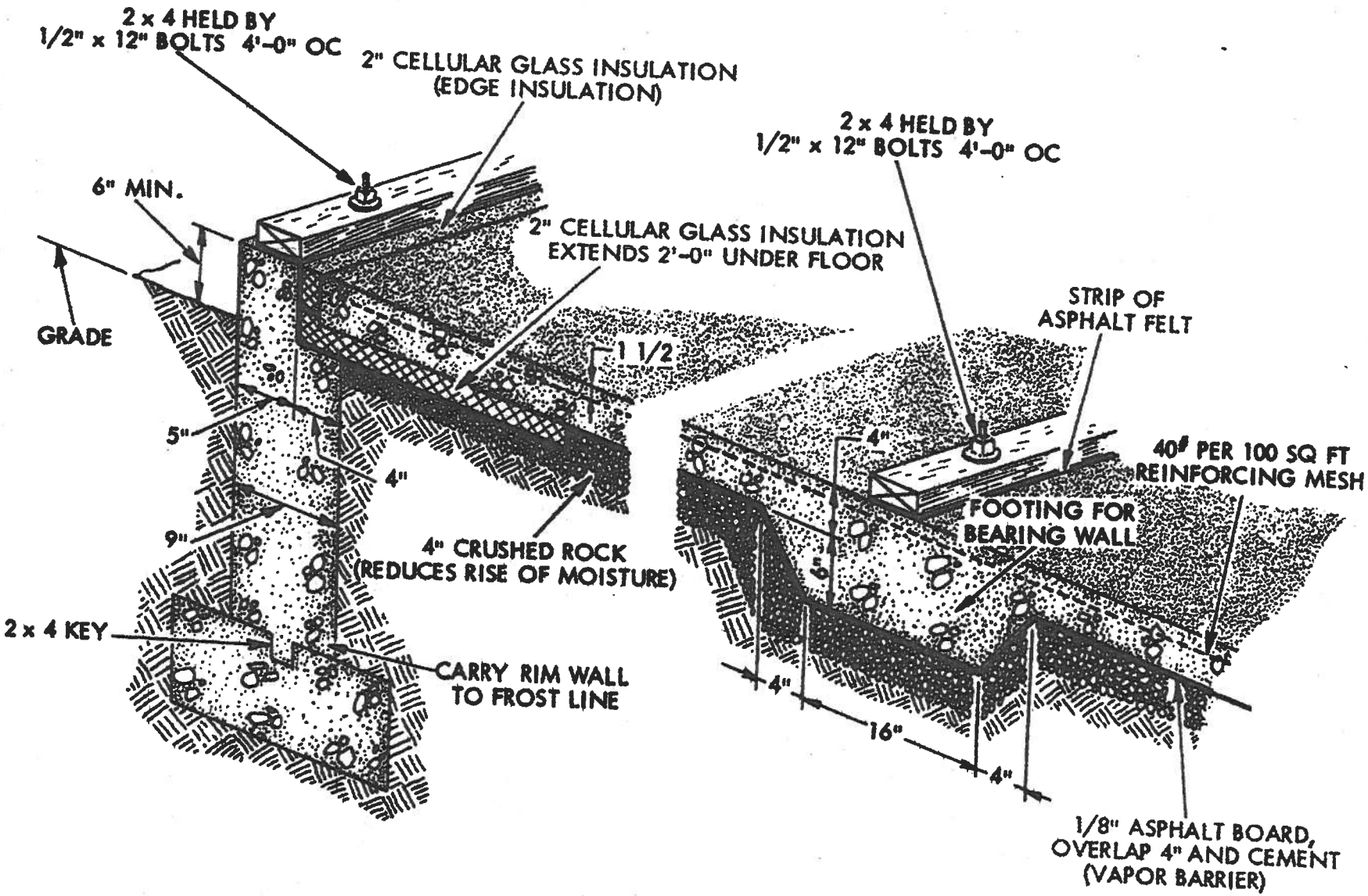


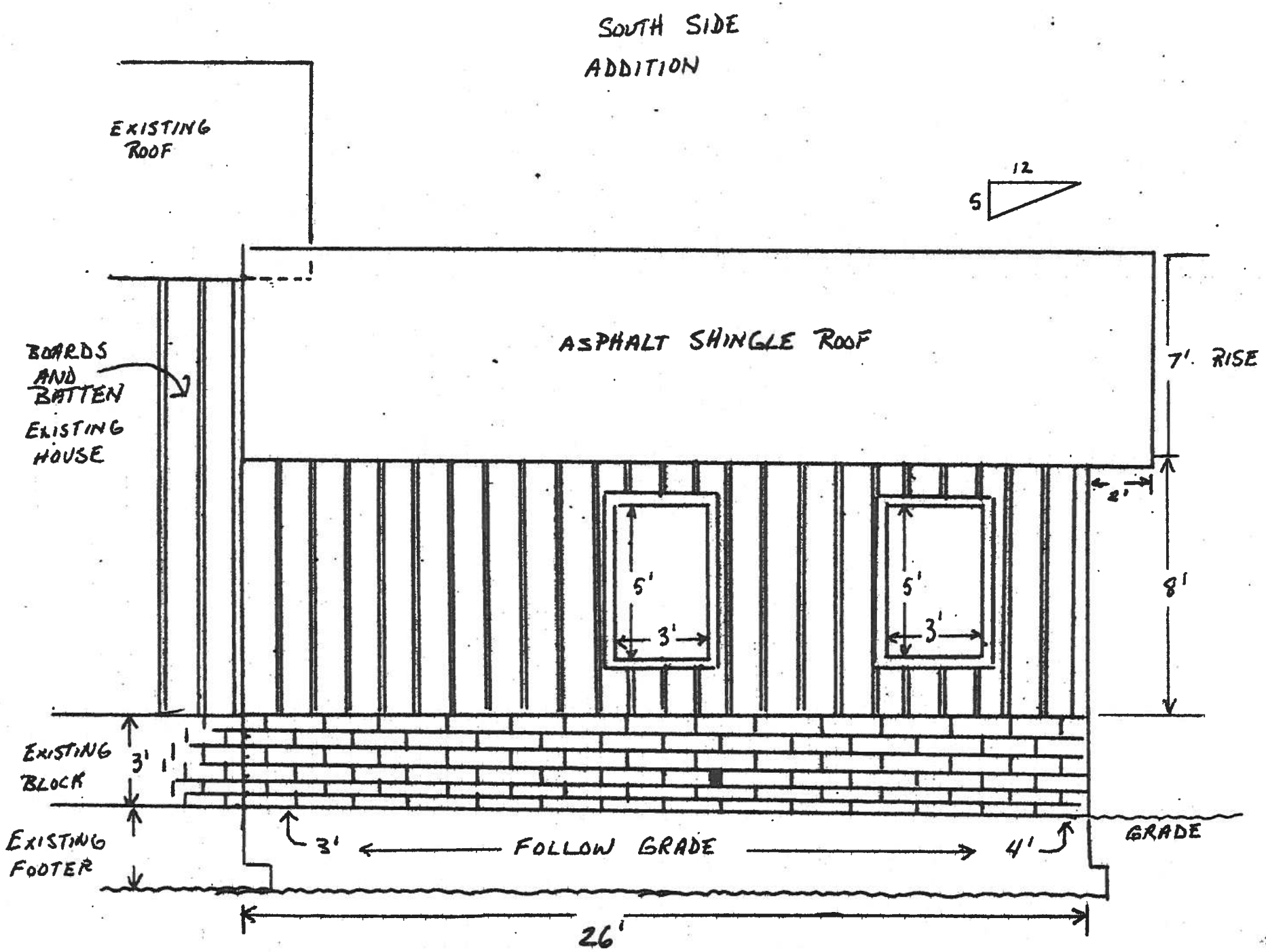

30'
5'
3'2
13'8
3'2
5'
26'8
5'
8'6
13'2
6'4
17'6
6'2
30'


1ST FRAMEING STUD 2x4 AND 1ST ROOF TRUSS ATTACH TO EXISTING 2x4 FRAMEING USEING ½" x 8" WOOD SCREW EVERY 3' O-C.
BUILT UP ROOF ON- 5/8" PLYWOOD SHEATHING
R-30 INSULATION IN CEILING
ASPHALT SHINGLE
VENT
HURRICANE STRAP
1x8 FASCIA
R-19 INSULATION ALL WALLS
½" GYPSUM
5/8 PLYWOOD SHEATHING
#30 FELT PAPER
BOARD AND BATTEN FINISH
WIRE MESH
TERMITE SHEILD
4"
CONCRETE SLAB
CRUSHED ROCK
TIE RODS 4'-0" OC
FILL
CONCRETE BLOCK STEM WALL APPox 36" to 48" FOLLOW GRADE
2x4 KEY
BELOW GROUND
12x16
CONTINUOUS FOOTING
REINFORCEING RODS
12"
16"

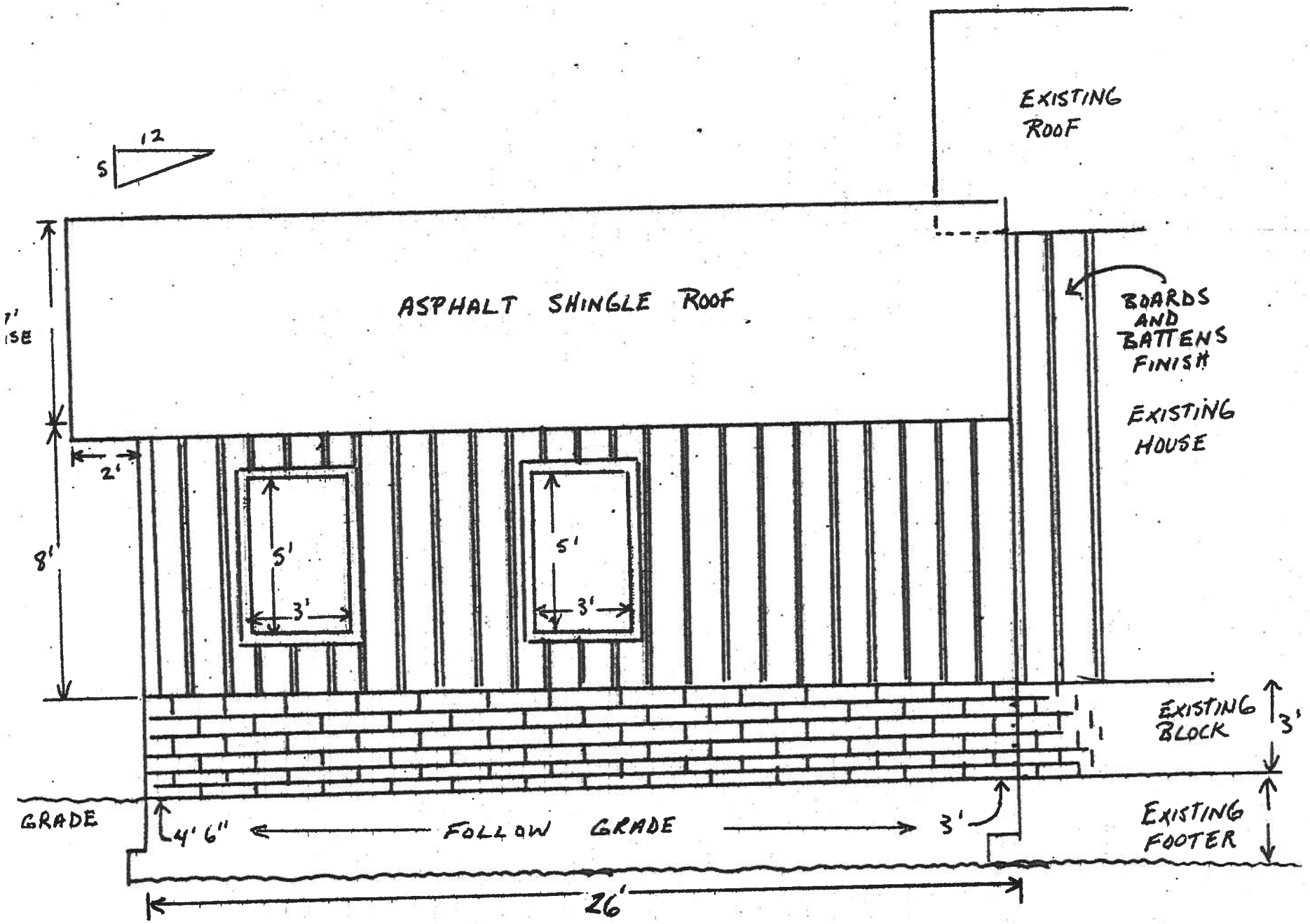


FRAME CONSTRUCTION:

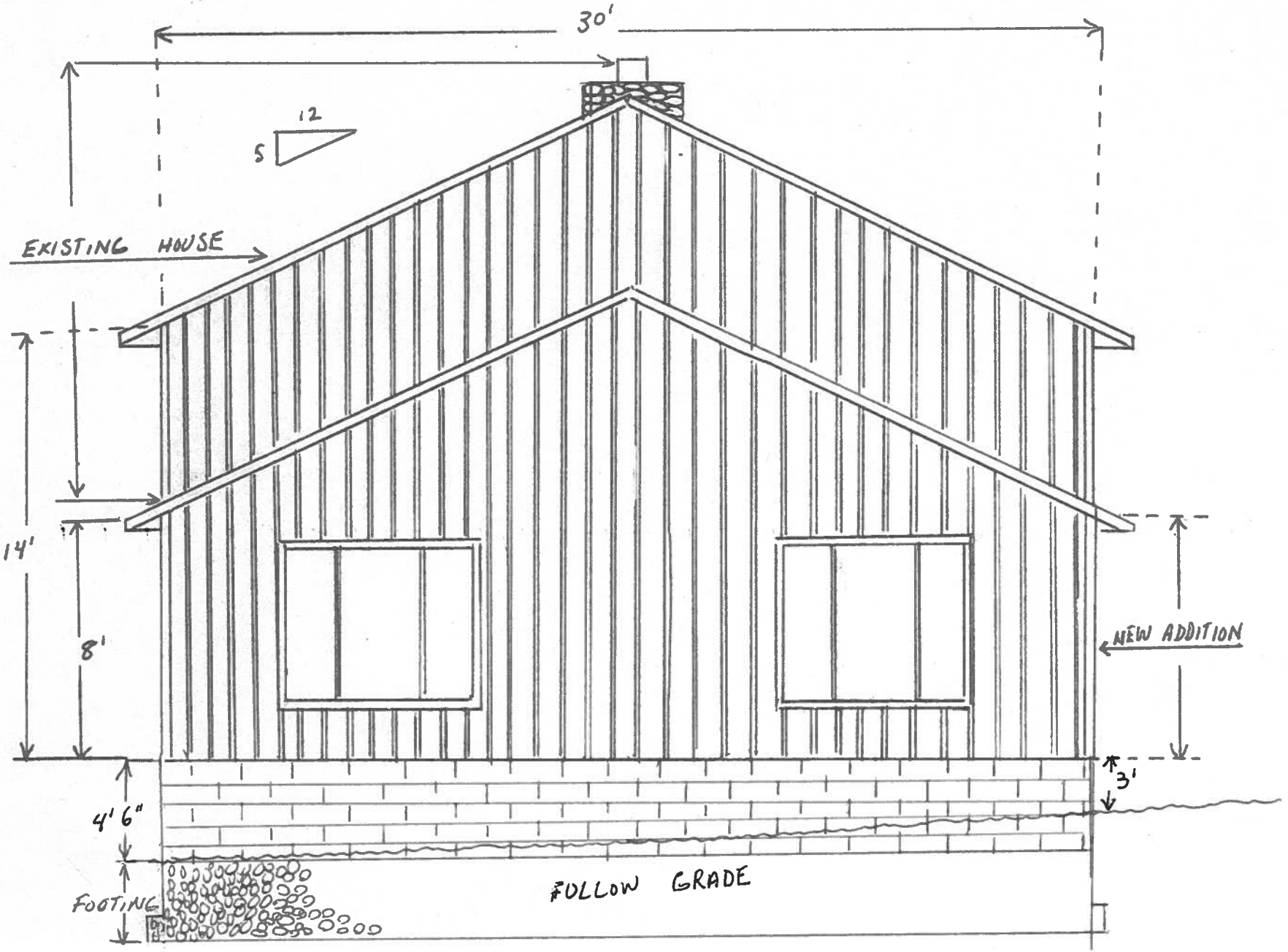

2 x 4 HELD BY
1/2" x 12" BOLTS 4'-0" OC
2" CELLULAR GLASS INSULATION
(EDGE INSULATION)
6" MIN.
GRADE
2" CELLULAR GLASS INSULATION
EXTENDS 2'-0" UNDER FLOOR
1 1/2
5"
4"
9"
4" CRUSHED ROCK
(REDUCES RISE OF MOISTURE)
2 x 4 KEY
CARRY RIM WALL
TO FROST LINE
2 x 4 HELD BY
1/2" x 12" BOLTS 4'-0" OC
STRIP OF
ASPHALT FELT
4"
40# PER 100 SQ FT
REINFORCING MESH
FOOTING FOR
BEARING WALL
4"
16"
4"
1/8" ASPHALT BOARD,
OVERLAP 4" AND CEMENT
(VAPOR BARRIER)


SOUTH SIDE
ADDITION
EXISTING ROOF
12
5
ASPHALT SHINGLE ROOF
7' RISE
BOARDS AND BATTEN
EXISTING HOUSE
2'
5'
3'
5'
3'
8'
EXISTING BLOCK
3'
EXISTING FOOTER
3'
FOLLOW GRADE
4'
GRADE
26'

NORTH SIDE
ADDITION



EAST SIDE ADDITION



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1SY0215-Z0212100054

Truss Fabricator:	W.B. Howland
Job Identification:	3507-/John Sterpe /OWNER BUILDER -- Ft. White, FL
Truss Count:	1
Model Code:	Florida Building Code 2004
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.24.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	03608--A-1		06163121	06/12/06

Seal Date: 06/12/2006

-Truss Design Engineer-
Denise Rutledge
Florida License Number: 58752
1950 Marley Drive
Haines City, FL 33844

John Sterpe
M Jones

Top chord 2x4 SP SS
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Calculated horizontal deflection is 0.27" due to live load and 0.29" due to dead load.

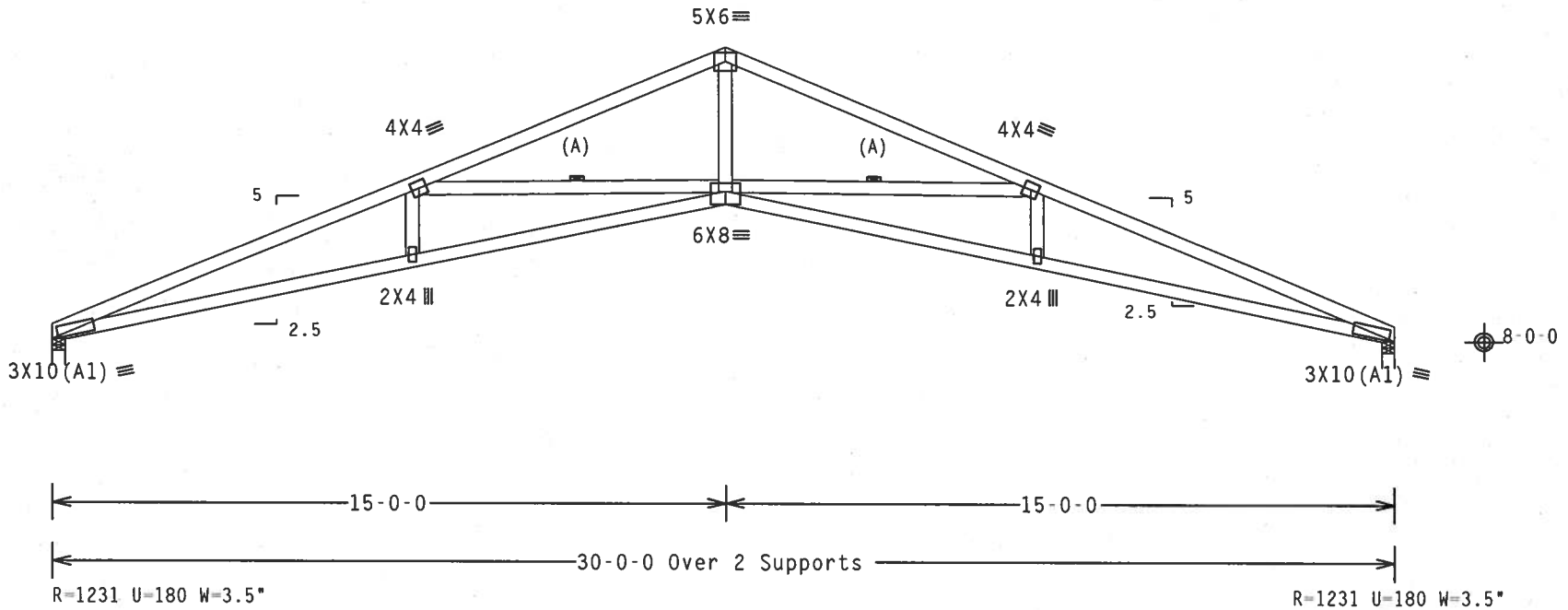
Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 6-7-1.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

Cq/RT=1.00(1.25)/10(0) 7.24.1230

QTY:16 FL/-/5/-/-/R/-

Scale =.25"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DENISE RUTLEDGE LICENSE No. 58752 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jun 12 06

TC LL	20.0 PSF	REF	R215-- 3608
TC DL	10.0 PSF	DATE	06/12/06
BC DL	10.0 PSF	DRW	HCUSR215 06163121
BC LL	0.0 PSF	HC-ENG	EC/ADR *
TOT.LD.	40.0 PSF	SEQN-	121912
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1SY0215_Z02

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

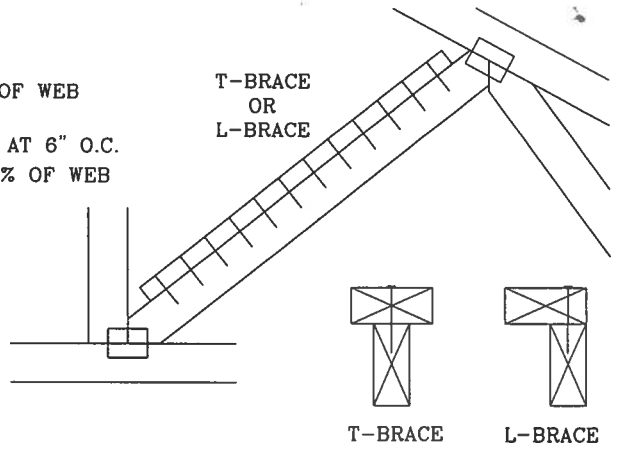
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

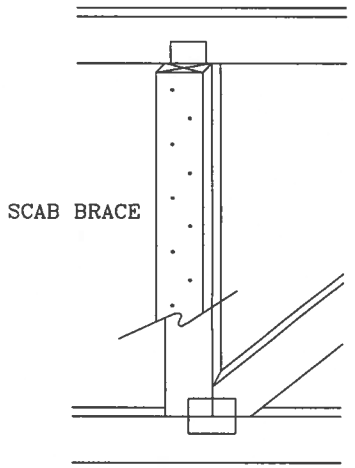
T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE
ATTACH WITH 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d OR .128"x3" GUN NAILS AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH

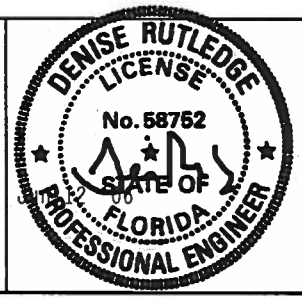


THIS DRAWING REPLACES DRAWING 579,640

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W,K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

Project Summary
Entire House
HOGLE'S HEATING & AIR

Job: ADDITION
Date: 06/06/06
By: W.D.HOGLE

Project Information

For: MARGIE JONES

Notes:

Design Information

Weather: Gainesville, FL , US

Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	52 gr/lb

Heating Summary

Building heat loss	17477 Btuh
Ventilation air	0 cfm
Ventilation air loss	0 Btuh
Design heat load	17477 Btuh

Sensible Cooling Equipment Load Sizing

Structure	14705 Btuh
Ventilation	0 Btuh
Design temperature swing	3.0 °F
Use mfg. data	n
Rate/swing multiplier	0.97
Total sens. equip. load	14264 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	840	840
Volume (ft³)	9240	9240
Air changes/hour	1.05	0.55
Equiv. AVF (cfm)	162	85

Latent Cooling Equipment Load Sizing

Internal gains	800 Btuh
Ventilation	0 Btuh
Infiltration	2978 Btuh
Total latent equip. load	4495 Btuh
Total equipment load	18759 Btuh
Req. total capacity at 0.70 SHR	1.7 ton

Heating Equipment Summary

Make RUUD
Trade
UPNE-024JAZ

Efficiency	8.5 HSPF
Heating input	
Heating output	23000 Btuh @ 47°F
Heating temp rise	26 °F
Actual heating fan	800 cfm
Heating air flow factor	0.046 cfm/Btuh

Space thermostat

Cooling Equipment Summary

Make RUUD
Trade
UPNE-024JAZ
UHSA-HM2417JA

Efficiency	13 EER
Sensible cooling	16520 Btuh
Latent cooling	7080 Btuh
Total cooling	23600 Btuh
Actual cooling fan	800 cfm
Cooling air flow factor	0.054 cfm/Btuh
Load sensible heat ratio	77 %

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

Short Form
Entire House
HOGLE'S HEATING & AIR

Job: ADDITION
Date: 06/06/06
By: W.D.HOGLE

Project Information

For: MARGIE JONES

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	-	50
Moisture difference (gr/lb)	-	52

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make RUUD
Trade
UPNE-024JAZ

Efficiency	8.5 HSPF	
Heating input		
Heating output	23000	Btuh @ 47°F
Heating temperature rise	26	°F
Actual heating fan	800	cfm
Heating air flow factor	0.046	cfm/Btuh

Space thermostat

COOLING EQUIPMENT

Make RUUD
Trade
UPNE-024JAZ
UHSA-HM2417JA

Efficiency	13 EER	
Sensible cooling	16520	Btuh
Latent cooling	7080	Btuh
Total cooling	23600	Btuh
Actual cooling fan	800	cfm
Cooling air flow factor	0.054	cfm/Btuh
Load sensible heat ratio	77	%

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
GREAT ROOM	840	17477	14705	800	800
Entire House d	840	17477	14705	800	800
Ventilation air		0	0		
Equip. @ 0.97 RSM			14264		
Latent cooling			4495		
TOTALS	840	17477	18759	800	800

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 19-7S-17-10024-095 PERMIT NUMBER 24666

1. Description of property: (legal description of the property and street address or 911 address)
720 SW Bobcat Dr, Ft White FL 32038

19-7S-17-10024-095
Lot 95 Subdivision Sassafras Acres

2. General description of improvement: Addition to SFD 780 sq ft.

3. Owner Name & Address MARJORIE JONES & JOHN STERPE
720 SW Bobcat Dr Ft. White FL Interest in Property owner

4. Name & Address of Fee Simple Owner (if other than owner): N/A

5. Contractor Name Builder Owner Phone Number 386 454-0824
Address

6. Surety Holders Name N/A
Address
Amount of Bond $.?, Inst:2006015338 Date:06/26/2006 Time:11:28 DC,P.DeWitt Cason,Columbia County B:1087 P:271

7. Lender Name Countrywide Loans
Address

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name Ø Phone Number
Address

9. In addition to himself/herself the owner designates Ø of
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) –
(a) 7. Phone Number of the designee

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, *(Unless a different date is specified)*

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Marjorie Jones
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 26 June, 20 06

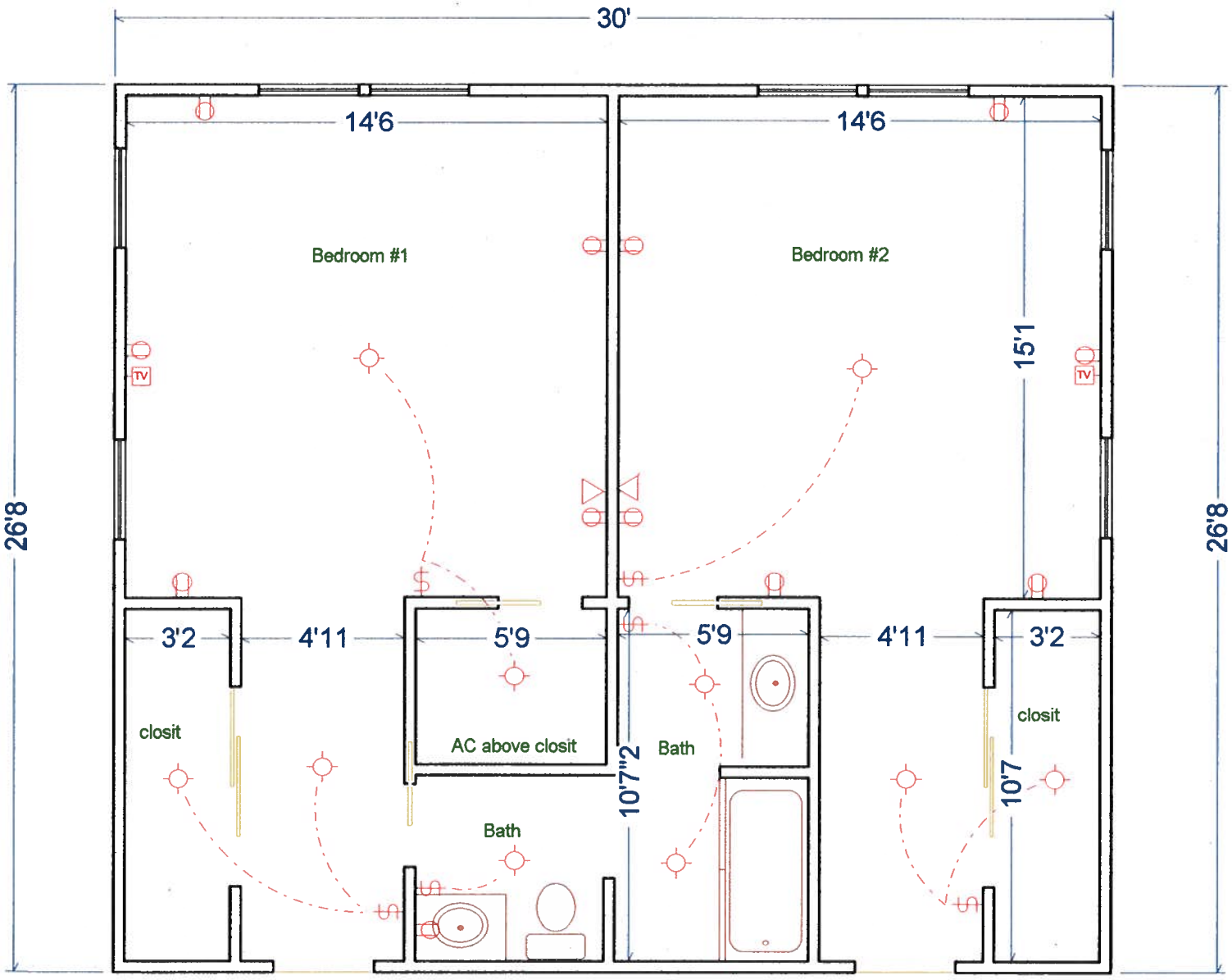
NOTARY STAMP/SEAL

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2009
Bonded Thru Notary Public Underwriters

Signature of Notary

Steppe / Jones Permit 24666

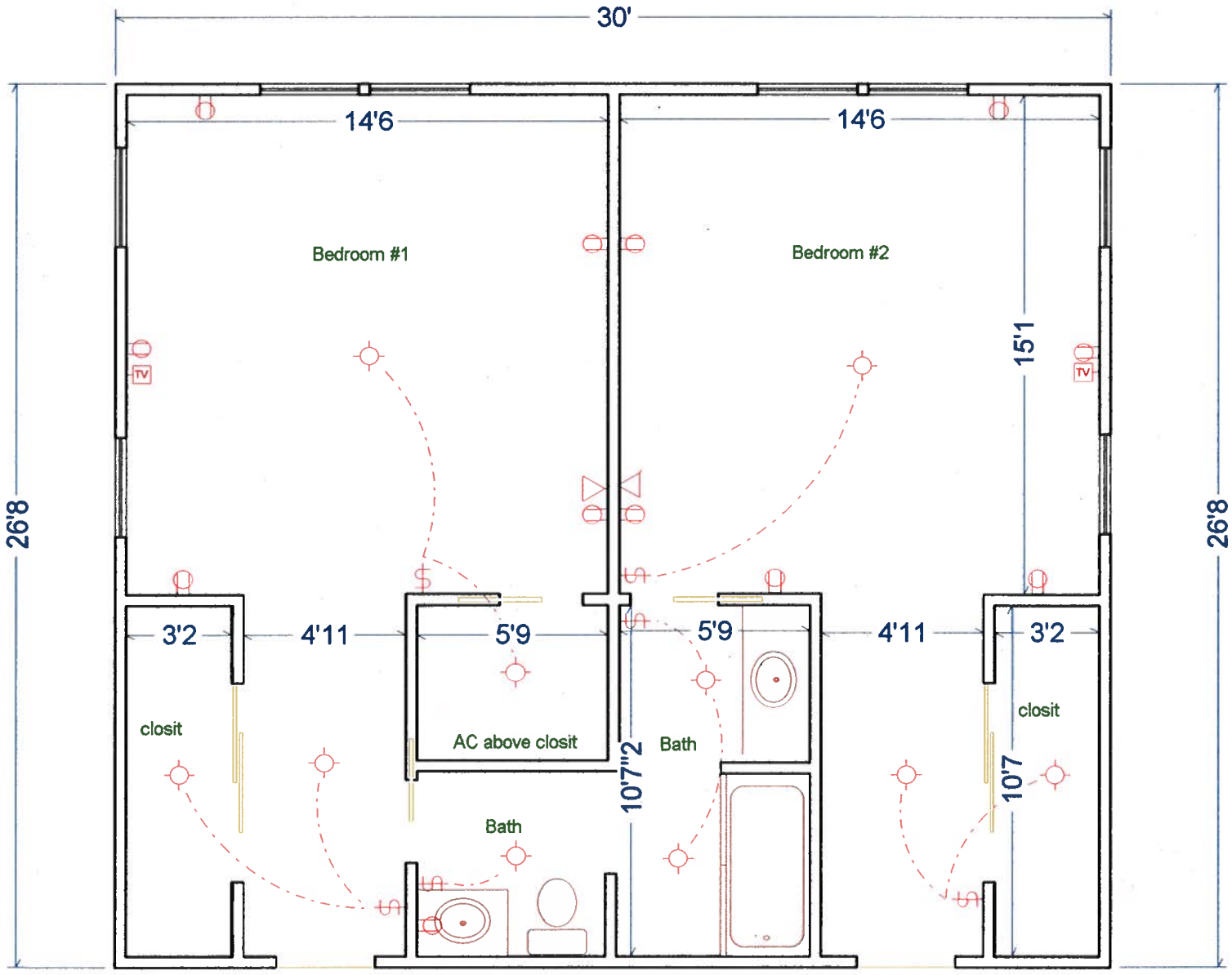
FUTURE PLAN
Amendment to add plumbing now for future on the present plans submitted with the building department, requesting to to add interior walls for AC System



FAX 386 454-0824

Sterpe / Jones Permit 24666

FUTURE PLAN
Amendment to add plumbing now for future on the present plans submitted with the building department, requesting to to add interior walls for AC System



Noling Pest Control
Cory Noling. Owner
Phone (386)454-3888
16782 N.W. SR 45 (32643)
P.O. Box 949 (32655)
High Springs, Florida

GRAPH AND SPECIFICATIONS

24666

BUYER'S NAME Sterpe + Jones SELLER'S NAME _____ DATE 7.18.06

INSPECTION ADDRESS 720 SW Bobcat CITY ft White STATE Fla ZIP 32038

BUSINESS PHONE 454-0824 HOME PHONE _____ INSPECTED BY: Cory Noling

Scale Used: _____ Well: ☐ Yes ☐ No How close to house? _____ ft. Additions? ☐ Yes ☐ No Access? _____

Additional specifications and comments: Graph not to Sq ft 26+30

Lineal Footage: Square Footage: 780 Sq. Ft Contract Price:

Type Foundation: ☐ Floating Slab ☐ Supported Slab ☐ Monolithic Slab ☐ Crawl ☐ Basement Type Construction: ☐ CBS ☐ Woodframe ☐ Brick

Type Infestation Key

T-Subterranean Termite Activity
D - Drywood Termite Activity
ST - Suspected Termite Activity
P - Powder Post Beetles
W - Wood Borers
M - Moisture Condition
F - Wood Decaying Fungi
X-Damage Present
. . . - Vertical Drill Location

Location Key

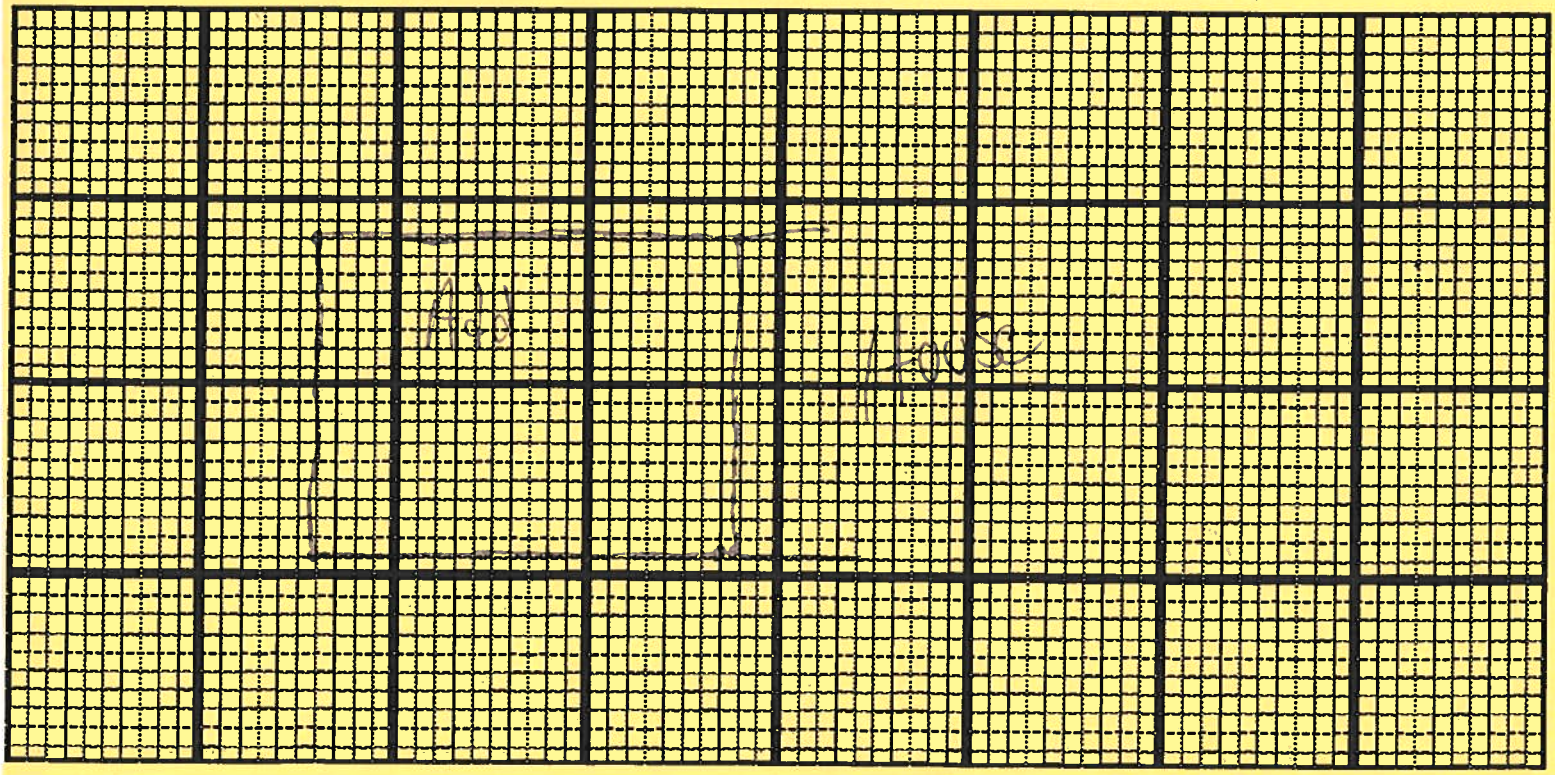
F - Front R - Right L - Left RE - Rear C-Center

Infested Area	Type	Location
☐ Sills / Joists		
☐ Sub Floor		
☐ Finished Floor		
☐ Walls, Studs, Plates		
☐ Interior Trim		
☐ Paneled Wall		
☐ Door/Window Frame		
☐ Furniture/Cabinets		
☐ Attic		
☐ Roof		

General Conditions

Stucco below grade? Yes ☐ No ☐
Are Termites swarming? Yes ☐ No ☐
Wood supports on ground? Yes ☐ No ☐
Proper clearance for treating? Yes ☐ No ☐
Make A3access opening? Yes ☐ No ☐
Electricity available? Yes ☐ No ☐
Bath trap opening? Yes ☐ No ☐
Shrubbery Light ☐ Heavy ☐
Type Floor Covering: _____
Other: _____

VISIBLE DAMAGE WHICH EXISTS AT THE TIME OF THE INSPECTION IS DESIGNATED BY AN "X"



Notice of Inspection and/or Treatment

7-18-06 #24666

Date of Inspection

7-18-06

Date of Treatment

CyperTC 780 Sq f

Pesticide Used • Square Feet Sprayed

Subs Soil treatment

Wood-Destroying Organism Treated

Pursuant to Chapter 482, Florida Statutes, 482.226(6), this notice is required to be posted. Any licensee who performs control of any wood-destroying organism shall post notice of said treatment immediately adjacent to the access to the attic or crawl area or other readily accessible area of the property treated.

Noling Pest Control
Phone 386-454-3888
16732 NW SR 45
P.O. Box 949 High Springs, FL 32655