

DATE 04/14/2011

Columbia County Building Permit**PERMIT****This Permit Must Be Prominently Posted on Premises During Construction****000029309**

APPLICANT MARK LITTLE, AGENT PHONE 386.623.6642
 ADDRESS 319 SW SOLSTICE COURT LAKE CITY FL 32024
 OWNER RAY & TERRI METRICK PHONE 386.438.3458
 ADDRESS 559 SW LITTLE ROAD LAKE CITY FL 32024
 CONTRACTOR JOE WILLIAMS PHONE 386.755.3139
 LOCATION OF PROPERTY 441-S TO C-131-S,TR TO C-240,TR TO LITTLE RD,TR AND IT'S
1/2 OF MILE TO DRIVEWAY ON R.
 TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 76500.00
 HEATED FLOOR AREA 1059.00 TOTAL AREA 1530.00 HEIGHT 19.00 STORIES 1
 FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 FLOOR CONC
 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. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 06-5S-17-09144-004 SUBDIVISION _____
 LOT _____ BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 19.00
 _____ CGC003903 *Mark Little*
 Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____
 EXISTING 11-0136 BLK TC N
 Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: MEETS DENSITY REQUIREMENTS. LIFE ESTATE AUTHORIZATION & DISCLOSURE
STATEMENT. 1 FOOT ABOVE ROAD.

Check # or Cash 6089**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 _____ Insulation _____ 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 _____ Pool _____ date/app. by _____
 Permanent power _____ date/app. by _____ C.O. Final _____ date/app. by _____ Culvert _____ date/app. by _____
 Pump pole _____ date/app. by _____ Utility Pole _____ date/app. by _____ M/H tie downs, blocking, electricity and plumbing _____ date/app. by _____
 Reconnection _____ date/app. by _____ RV _____ date/app. by _____ Re-roof _____ date/app. by _____

BUILDING PERMIT FEE \$ 385.00 CERTIFICATION FEE \$ 7.65 SURCHARGE FEE \$ 7.65

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

FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ _____ **TOTAL FEE** 475.30

INSPECTORS OFFICE *CH* 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.

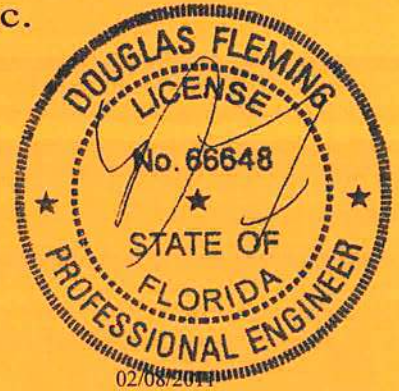
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1U9A487-Z0108110215



Truss Fabricator: Anderson Truss Company
Job Identification: 11-020--Fill in later TIM DELBANE/METRICK -- , **
Truss Count: 5
Model Code: Florida Building Code 2007 and 2009 Supplement
Truss Criteria: FBC2007Res/TPI-2002(STD)
Engineering Software: Alpine Software, Version 9.05.
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 7-05 -Closed

Notes:

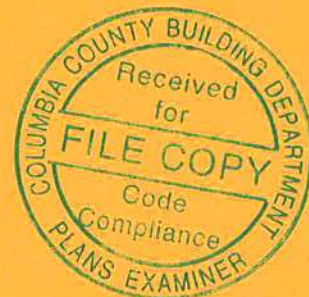
1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Douglas M. Fleming
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: BRCLBSUB-A1101505-GBLLETIN-

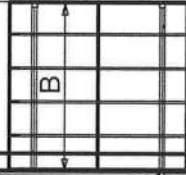
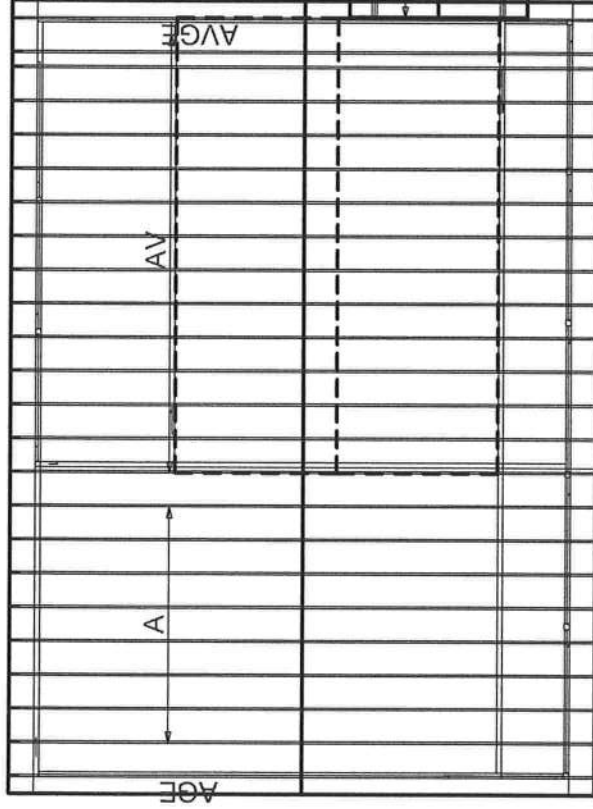
#	Ref	Description	Drawing#	Date
1	10514--A		11039002	02/08/11
2	10515--AGE		11039003	02/08/11
3	10516--AV		11039004	02/08/11
4	10517--AVGE		11039005	02/08/11
5	10518--B		11039001	02/08/11



Roof Plane Sheathing Area = 2157 sq. ft

45' 10'

32' 28' 4'



EXISTING BUILDING

EXISTING BUILDING

TIM DELBANE/ METRICK

JOB DESCRIPTION: Fill in later
/ : TIM DELBANE/METRICK

JOB NO:
11-020

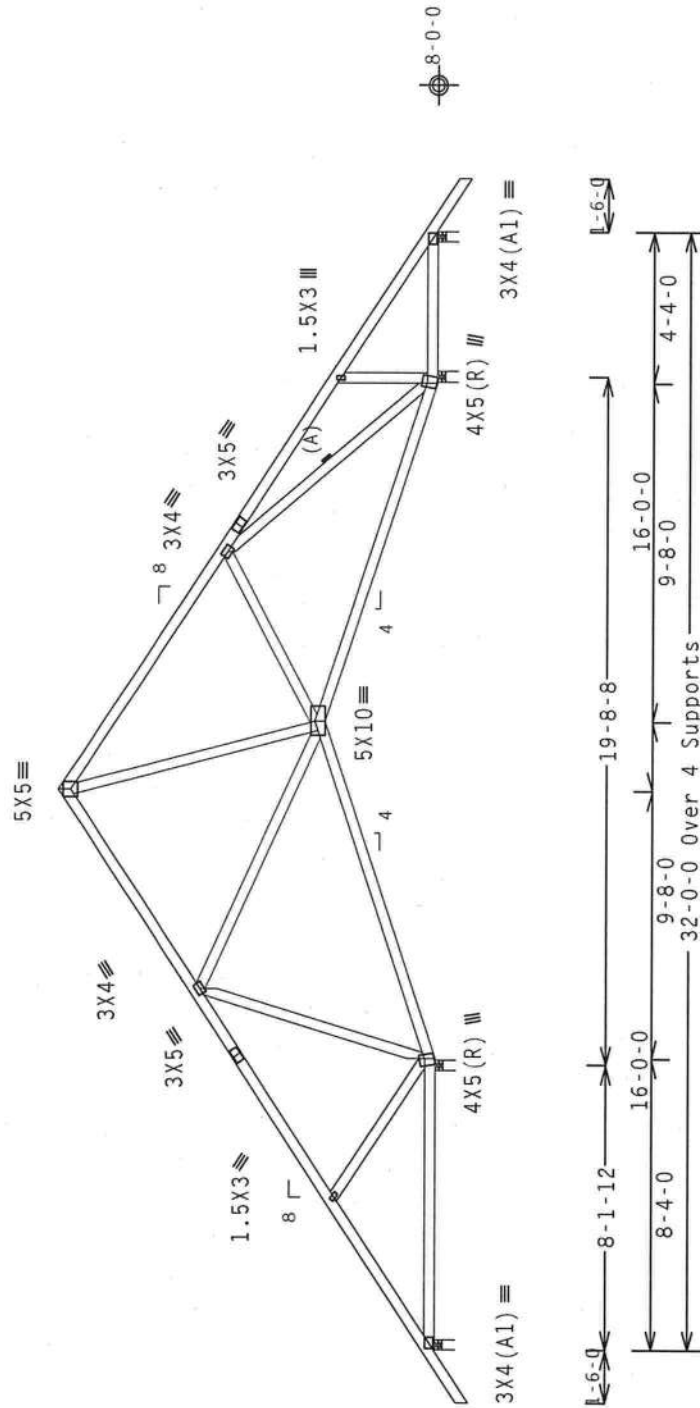
PAGE NO:
4 OF 4

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.




R=1262 U=75 W=3.5"

P=945.80 U=3.5
R=315 U=25 W=3.5"

Design Crit: FBC2007Res/TPI-2002 (Simplified)
 $FT/RT=10\%(0\%)/0(0\%)$

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF R487-- 10516
TC DL	10.0	PSF	DATE 02/08/11
BC DL	10.0	PSF	DRW HCUSR487 11039004
BC LL	0.0	PSF	HC-ENG JB/DF
TOT.LD.	40.0	PSF	SEQN- 179745
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1U9A487 Z01



ALPINE
ITW Building Components Group Inc.
 Haines City, FL 33844
 FL COA #0 278

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

:Stack Chord SC1 2x4 SP #2 Dense::Stack Chord SC2 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in noticable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in noticable area using 3x6.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. $I_w=1.00$ $G_{cp1}(+/-)=-0.18$

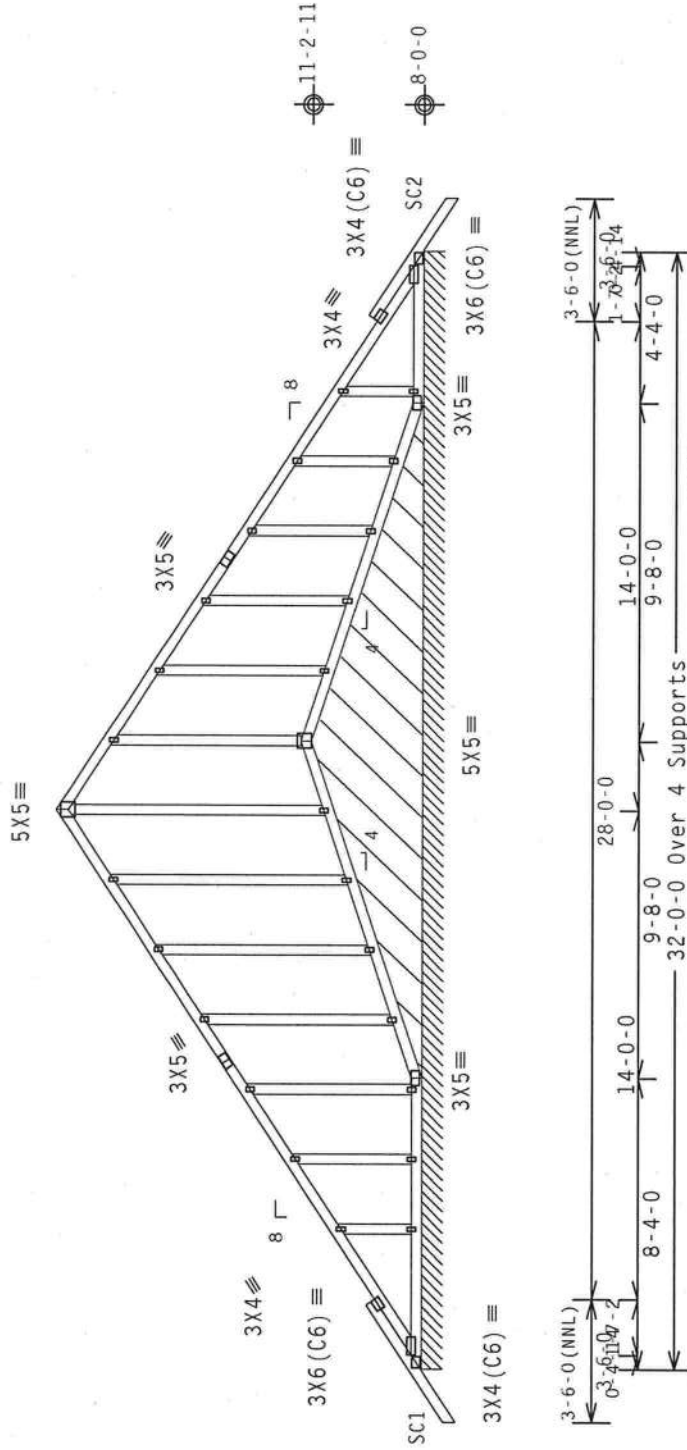
Wind reactions based on MWFRS pressures.

Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

In lieu of structural panels use purlins to brace TC @ 24" OC.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.



R-134 PLF U-15 PLF W-32-0-0
RL-10/-10 PLF

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 (SD)
FT/RT=10% (0%)/0 (0)

PLT TYP. Wave

FL/-4/-1-R/-

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R487--	10517
TC DL	10.0 PSF	DATE	02/08/11	
BC DL	10.0 PSF	DRW	HCUSR487	11039005
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	179752	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1U9A487_Z01	



ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

02/08/2011

(11-020--Fill) in later TIM DELBANE/METRICK --, ** - B)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

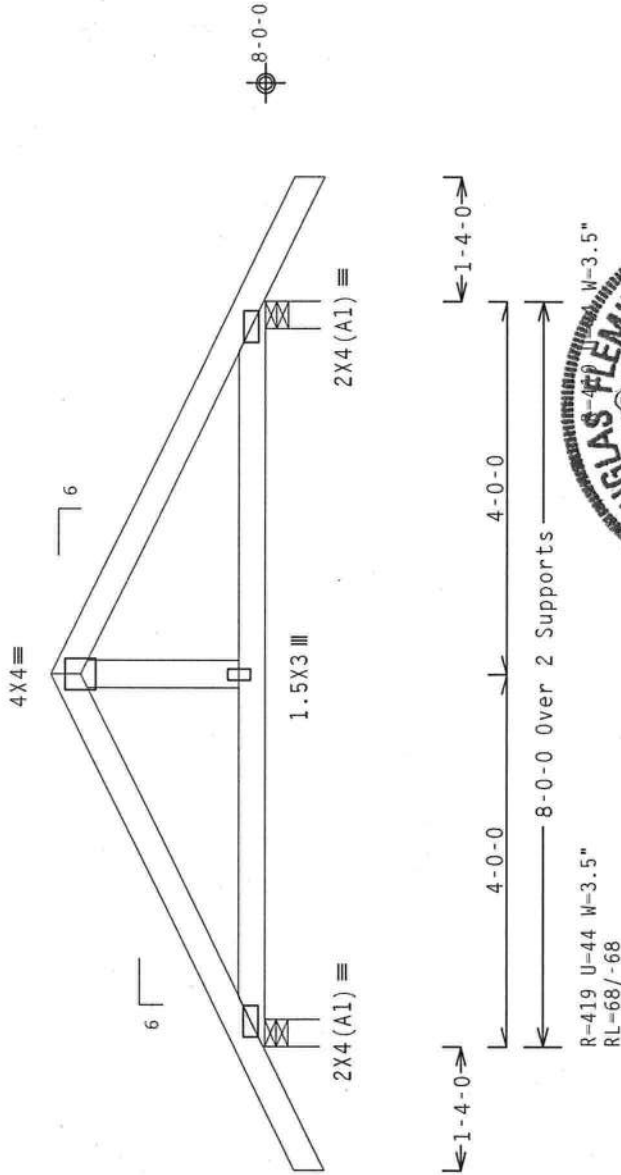
Bottom chord checked for 10.00 psf non-concurrent live load.

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.



R-419 U-44 W-3.5"
RL-68/-68

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (SFD)
FT/RT=10% (0%)/0(0)

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R487--	10518
TC DL	10.0 PSF	DATE	02/08/11	
BC DL	10.0 PSF	DRW	HCUSR487	11039001
BC LL	0.0 PSF	HC-ENG	JB/DF	*
TOT.LD.	40.0 PSF	SEQN-	179734	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1U9A487_Z01	

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
02/08/2011

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS.

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON A 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.

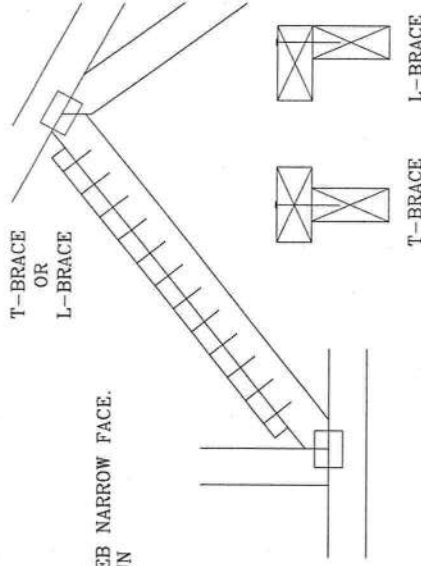
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X6	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

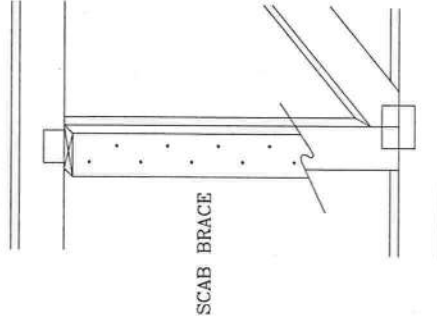
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3", MIN) 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 BOX OR GUN
(0.128"x 3", MIN) NAILS.
AT 6" O.C.
BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



Earth City, MO 63045

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. BCS (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCS. Unless noted otherwise, shop drawings shall have properly attached structural panels and bottom chord shall have a properly attached ridge cap. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCS, sections B5 & B7. See this job's general notes page for more information.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.
ITW Building Components Group Inc. (ITWBCG) 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. ITWBCG connector plates are made of 2018/16GA (H/S/K) ASTM A563 Grade 37/48/60 (K/H/HIS) galv. steel. Apply plates to each face of truss, positioned as shown above and below chord. The undersigned hereby certifies that the design and construction of this component for any building shall be the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2.

ITW-BGC: www.itwbcg.com; TPI: www.tpi.net; WCA: www.abindustry.com; ICC: www.iccsafe.org



TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	1/1/09
BC DL	PSF	DRWG	BRCLBSUB0109
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

02/08/2011

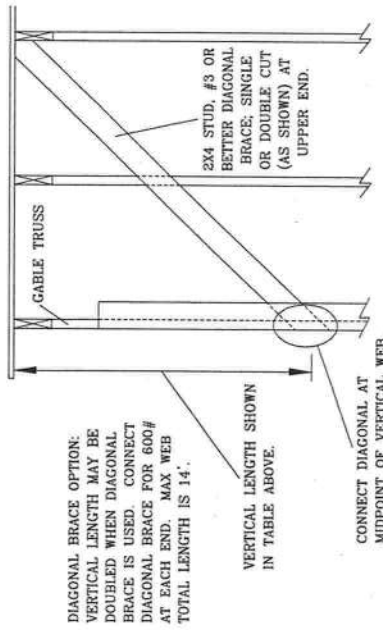
ASCE 7-05: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C, Kzt = 1.00

ASCE 7-05: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C, Kzt = 1.00

MAX GABLE VERTICAL LENGTH

2X4 GABLE VERTICAL SPACING SPECIES	GRADE	BRACE NO	(1) 1X4 "L" BRACE • (2) 2X4 "L" BRACE • (1) 2X6 "L" BRACE • (2) 2X6 "L" BRACE •									
			GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
SPF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
	#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
	STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"
HF	#1	4' 3"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"
	#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
	#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	13' 5"	14' 0"	14' 0"
SP	#1	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"
	#2	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"
	STUD	4' 5"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
DFL	#1	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
	#2	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
	STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
SPF	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
HF	#1	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
	#2	4' 5"	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	STUD	4' 5"	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
SP	#1	4' 9"	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	#2	5' 3"	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
DFL	#1	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	#2	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	STUD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"

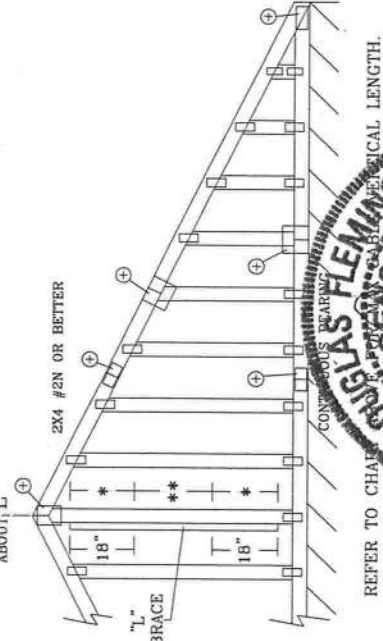
SYMM ABOUT



DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 600#
AT EACH END. MAX WEB
TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL
WEB.



REFER TO CHAIR FOR VERTICAL LENGTH.

BRACING GROUP SPECIES AND GRADES:

GROUP A:		GROUP B:	
SPRUCE-PINE-FIR	HEM-FIR	SPRUCE-PINE-FIR	HEM-FIR
#1 / #2	#2	#1 / #2	#2
STUD	STUD	STUD	STUD
STANDARD	STANDARD	STANDARD	STANDARD

BRACING GROUP SPECIES AND GRADES:

GROUP A:		GROUP B:	
SPRUCE-PINE-FIR	HEM-FIR	SPRUCE-PINE-FIR	HEM-FIR
#1 / #2	#2	#1 / #2	#2
STUD	STUD	STUD	STUD
STANDARD	STANDARD	STANDARD	STANDARD

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.
PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER
CONTINUOUS BEARING (5 PSF TC DEAD LOAD).
GABLE END SUPPORTS LOAD FROM 4' 0"
OUTLOOKERS WITH 2' 0" OVERHANG, OR 12"
PLYWOOD OVERHANG.
ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C.
IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C.
IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB
MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

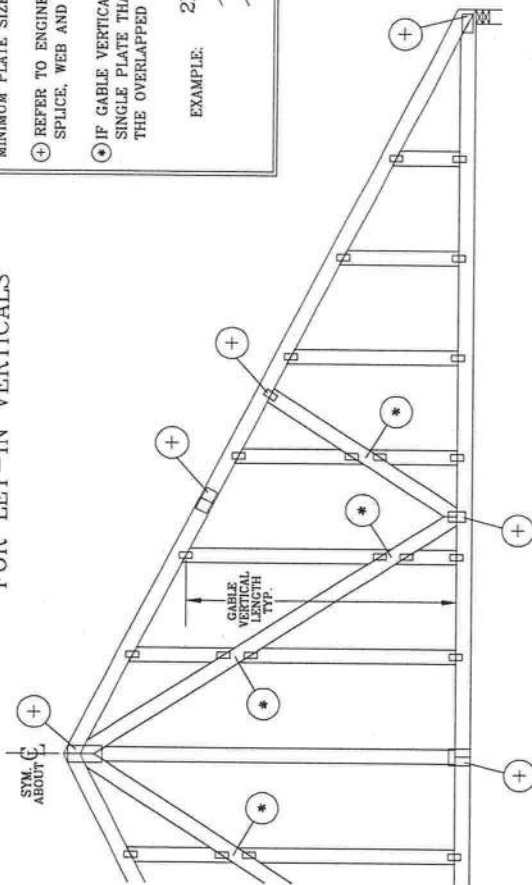
VERTICAL LENGTH	NO SPICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2.5X4
GREATER THAN 11' 6"	3X4

+ REFER TO COMMON TRUSS DESIGN FOR
PEAK, SPICE, AND HEEL PLATES.

REF	ASCE7-05-CAB1015
DATE	1/1/09
DRWG	A11015050109
MAX. TOT. LD. 60 PSF	
MAX. SPACING 24.0"	

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 66648
DORCAS FLEMING
LICENSE
SEE THIS JOB'S GENERAL NOTES PAGE FOR MORE INFORMATION.
ITW-BCCG shall not be responsible for any deviation from design.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from design.
any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing and bracing.
ITWBCG connector plates are made of 2018/16GA (W/H/S/K) ASTM A653-07 40/60/80/90/100/120/150/180/200/250/300/350/400/450/500/550/600/650/700/750/800/850/900/950/1000/1050/1100/1150/1200/1250/1300/1350/1400/1450/1500/1550/1600/1650/1700/1750/1800/1850/1900/1950/2000/2050/2100/2150/2200/2250/2300/2350/2400/2450/2500/2550/2600/2650/2700/2750/2800/2850/2900/2950/3000/3050/3100/3150/3200/3250/3300/3350/3400/3450/3500/3550/3600/3650/3700/3750/3800/3850/3900/3950/4000/4050/4100/4150/4200/4250/4300/4350/4400/4450/4500/4550/4600/4650/4700/4750/4800/4850/4900/4950/5000/5050/5100/5150/5200/5250/5300/5350/5400/5450/5500/5550/5600/5650/5700/5750/5800/5850/5900/5950/6000/6050/6100/6150/6200/6250/6300/6350/6400/6450/6500/6550/6600/6650/6700/6750/6800/6850/6900/6950/7000/7050/7100/7150/7200/7250/7300/7350/7400/7450/7500/7550/7600/7650/7700/7750/7800/7850/7900/7950/8000/8050/8100/8150/8200/8250/8300/8350/8400/8450/8500/8550/8600/8650/8700/8750/8800/8850/8900/8950/9000/9050/9100/9150/9200/9250/9300/9350/9400/9450/9500/9550/9600/9650/9700/9750/9800/9850/9900/9950/10000/10050/10100/10150/10200/10250/10300/10350/10400/10450/10500/10550/10600/10650/10700/10750/10800/10850/10900/10950/11000/11050/11100/11150/11200/11250/11300/11350/11400/11450/11500/11550/11600/11650/11700/11750/11800/11850/11900/11950/12000/12050/12100/12150/12200/12250/12300/12350/12400/12450/12500/12550/12600/12650/12700/12750/12800/12850/12900/12950/13000/13050/13100/13150/13200/13250/13300/13350/13400/13450/13500/13550/13600/13650/13700/13750/13800/13850/13900/13950/14000/14050/14100/14150/14200/14250/14300/14350/14400/14450/14500/14550/14600/14650/14700/14750/14800/14850/14900/14950/15000/15050/15100/15150/15200/15250/15300/15350/15400/15450/15500/15550/15600/15650/15700/15750/15800/15850/15900/15950/16000/16050/16100/16150/16200/16250/16300/16350/16400/16450/16500/16550/16600/16650/16700/16750/16800/16850/16900/16950/17000/17050/17100/17150/17200/17250/17300/17350/17400/17450/17500/17550/17600/17650/17700/17750/17800/17850/17900/17950/18000/18050/18100/18150/18200/18250/18300/18350/18400/18450/18500/18550/18600/18650/18700/18750/18800/18850/18900/18950/19000/19050/19100/19150/19200/19250/19300/19350/19400/19450/19500/19550/19600/19650/19700/19750/19800/19850/19900/19950/20000/20050/20100/20150/20200/20250/20300/20350/20400/20450/20500/20550/20600/20650/20700/20750/20800/20850/20900/20950/21000/21050/21100/21150/21200/21250/21300/21350/21400/21450/21500/21550/21600/21650/21700/21750/21800/21850/21900/21950/22000/22050/22100/22150/22200/22250/22300/22350/22400/22450/22500/22550/22600/22650/22700/22750/22800/22850/22900/22950/23000/23050/23100/23150/23200/23250/23300/23350/23400/23450/23500/23550/23600/23650/23700/23750/23800/23850/23900/23950/24000/24050/24100/24150/24200/24250/24300/24350/24400/24450/24500/24550/24600/24650/24700/24750/24800/24850/24900/24950/25000/25050/25100/25150/25200/25250/25300/25350/25400/25450/25500/25550/25600/25650/25700/25750/25800/25850/25900/25950/26000/26050/26100/26150/26200/26250/26300/26350/26400/26450/26500/26550/26600/26650/26700/26750/26800/26850/26900/26950/27000/27050/27100/27150/27200/27250/27300/27350/27400/27450/27500/27550/27600/27650/27700/27750/27800/27850/27900/27950/28000/28050/28100/28150/28200/28250/28300/28350/28400/28450/28500/28550/28600/28650/28700/28750/28800/28850/28900/28950/29000/29050/29100/29150/29200/29250/29300/29350/29400/29450/29500/29550/29600/29650/29700/29750/29800/29850/29900/29950/30000/30050/30100/30150/30200/30250/30300/30350/30400/30450/30500/30550/30600/30650/30700/30750/30800/30850/30900/30950/31000/31050/31100/31150/31200/31250/31300/31350/31400/31450/31500/31550/31600/31650/31700/31750/31800/31850/31900/31950/32000/32050/32100/32150/32200/32250/32300/32350/32400/32450/32500/32550/32600/32650/32700/32750/32800/32850/32900/32950/33000/33050/33100/33150/33200/33250/33300/33350/33400/33450/33500/33550/33600/33650/33700/33750/33800/33850/33900/33950/34000/34050/34100/34150/34200/34250/34300/34350/34400/34450/34500/34550/34600/34650/34700/34750/34800/34850/34900/34950/35000/35050/35100/35150/35200/35250/35300/35350/35400/35450/35500/35550/35600/35650/35700/35750/35800/35850/35900/35950/36000/36050/36100/36150/36200/36250/36300/36350/36400/36450/36500/36550/36600/36650/36700/36750/36800/36850/36900/36950/37000/37050/37100/37150/37200/37250/37300/37350/37400/37450/37500/37550/37600/37650/37700/37750/37800/37850/37900/37950/38000/38050/38100/38150/38200/38250/38300/38350/38400/38450/38500/38550/38600/38650/38700/38750/38800/38850/38900/38950/39000/39050/39100/39150/39200/39250/39300/39350/39400/39450/39500/39550/39600/39650/39700/39750/39800/39850/39900/39950/40000/40050/40100/40150/40200/40250/40300/40350/40400/40450/40500/40550/40600/40650/40700/40750/40800/40850/40900/40950/41000/41050/41100/41150/41200/41250/41300/41350/41400/41450/41500/41550/41600/41650/41700/41750/41800/41850/41900/41950/42000/42050/42100/42150/42200/42250/42300/42350/42400/42450/42500/42550/42600/42650/42700/42750/42800/42850/42900/42950/43000/43050/43100/43150/43200/43250/43300/43350/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GABLE DETAIL FOR LET-IN VERTICALS

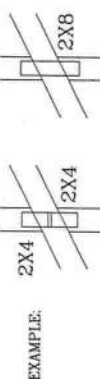


GABLE TRUSS PLATE SIZES

REFER TO APPROPRIATE ITW GABLE DETAIL FOR MINIMUM PLATE SIZES FOR VERTICAL STUDS.

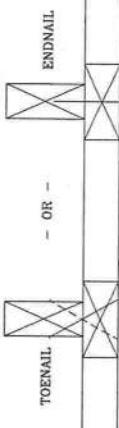
⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

⊙ IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE THAT COVERS THE TOTAL AREA OF THE OVERLAPPED PLATES TO SPAN THE WEB.



EXAMPLE.

"T" REINFORCEMENT ATTACHMENT DETAIL
"T" REINFORCING MEMBER



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" INCREASE BY LENGTH (BASED ON APPROPRIATE ITW GABLE DETAIL).

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINFORCING MEMBER SIZE	"T" INCREASE
140 MPH	2x4	10 %
15 FT	2x6	50 %
140 MPH	2x4	10 %
30 FT	2x6	50 %
130 MPH	2x4	10 %
15 FT	2x6	50 %
130 MPH	2x4	10 %
30 FT	2x6	50 %
120 MPH	2x4	10 %
15 FT	2x6	50 %
120 MPH	2x4	10 %
30 FT	2x6	50 %
110 MPH	2x4	10 %
15 FT	2x6	50 %
110 MPH	2x4	10 %
30 FT	2x6	50 %
100 MPH	2x4	20 %
15 FT	2x6	30 %
100 MPH	2x4	10 %
30 FT	2x6	40 %
90 MPH	2x4	20 %
15 FT	2x6	20 %
90 MPH	2x4	20 %
30 FT	2x6	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00
GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4
(1) 2X4 "T" BRACE LENGTH (FROM ABOVE) = 10% = 1.10
MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

END DRIVEN NAILS:

10d COMMON (0.148"x3" MIN) NAILS AT 4" O.C. PLUS

(4) NAILS IN TOP AND BOTTOM CHORD.

TOENAIL NAILS:

10d COMMON (0.148"x3" MIN) TOENAILS AT 4" O.C. PLUS

(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ITW GABLE DETAIL FOR ASCE

WIND LOAD.

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015980109, A12015980109, A1015980109, A10015980109,

A13030980109, A12030980109, A1030980109, A10030980109

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015020109, A12015020109, A1015020109, A10015020109,

A13030020109, A12030020109, A1030020109, A10030020109

ASCE 7-05 GABLE DETAIL DRAWINGS

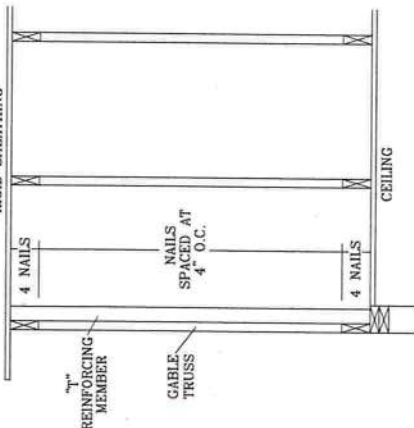
A13015050109, A12015050109, A1015050109, A10015050109,

A13030050109, A12030050109, A1030050109, A10030050109

SEE APPROPRIATE ITW GABLE DETAIL FOR MAXIMUM

UNREINFORCED GABLE VERTICAL LENGTH.

RIGID SHEATHING



WARNING: READ AND FOLLOW ALL NOTES ON THIS SHEET.

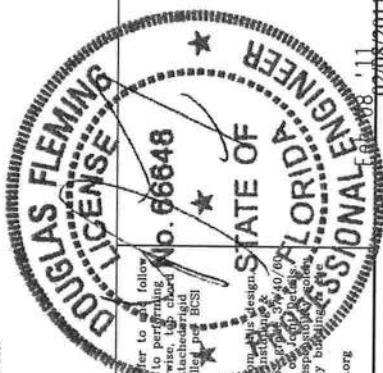
Trusses are engineered for specific conditions. It is the responsibility of the installer to verify that the truss is being installed in accordance with the design and specifications. The installer shall provide temporary bracing for the truss during installation. The installer shall have properly attached structural panels and bottom chord shall have a properly attached bracing. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCS sections B3 & B7. See this job's general notes page for more information.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or specifications. ITWBCG connector plates are made of 2018/16GA (W/H/S/K) ASTM A653 galv. steel. Apply plates to each face of truss, positioned as shown above and on all top chords. A seal on this drawing or cover page indicates acceptance and professional engineering responsibility for the truss component design shown. The suitability and use of this component for any building application is the responsibility of the designer per ASCE/ITW 1 Sec. 2. ITW-BCG: www.itwbcg.com; TPI: www.tpi.com; WCA: www.abundant.com; ICC: www.iccsafe.org



Earth City, MO 63045



REF LET-IN VERT

DATE 1/1/09

DRWG GBLLETIN0109

MAX TOT. LD. 60 PSF

DUR. FAC. ANY

MAX SPACING 24.0"

02/08/2011



**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIREMENTS**

6-25-09

**MINIMUM PLAN REQUIREMENTS FOR THE
FLORIDA BUILDING CODE RESIDENTIAL 2007 EFFECTIVE 1 MARCH 2009 & 2009
SUPPLEMENTS EFFECTIVE 1 MARCH 2009, ONE (1) AND TWO (2) FAMILY DWELLINGS
with Supplements and Revision, OF THE NATIONAL ELECTRICAL 2008**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007
FLORIDA BUILDING CODES RESIDENTIAL EFFECTIVE 1 MARCH 2009 & 2009
SUPPLEMENTS EFFECTIVE 1 MARCH 2009. ALL PLANS OR DRAWINGS SHALL
PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND
SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE
STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE
STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY
DWELLINGS.**

**FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER
FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind
speed map) **SHALL BE USED.****

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH
NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		Yes	No	N/A

		Yes	No	N/A
1	Two (2) complete sets of plans containing the following:	<input checked="" type="checkbox"/>		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	<input checked="" type="checkbox"/>		
3	Condition space (Sq. Ft.)			
	Total (Sq. Ft.) under roof			

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	<input checked="" type="checkbox"/>		
5	Dimensions of all building set backs	<input checked="" type="checkbox"/>		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.		<input checked="" type="checkbox"/>	
7	Provide a full legal description of property.	<input checked="" type="checkbox"/>		

Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIII	IIII	IIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour			
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	/		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not speciffally designed by the registered design professional.	✓		

Elevations Drawing including:

14	All side views of the structure	✓		
15	Roof pitch	✓		
16	Overhang dimensions and detail with attic ventilation	✓		
17	Location, size and height above roof of chimneys		✓	
18	Location and size of skylights with Florida Product Approval			/
18	Number of stories	✓		
20A	Building height from the established grade to the roofs highest peak		✓	

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies			
21	Raised floor surfaces located more than 30 inches above the floor or grade	✓		
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBCR 613.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.			
25	Safety glazing of glass where needed	✓		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)		✓	
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails			✓
28	Identify accessibility of bathroom (see FBCR SECTION 322)	✓		

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

<p align="center">GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</p>	<p align="center">Items to Include- Each Box shall be Circled as Applicable</p>
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FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	<input checked="" type="checkbox"/>		
30	All posts and/or column footing including size and reinforcing	<input checked="" type="checkbox"/>		
31	Any special support required by soil analysis such as piling.			<input checked="" type="checkbox"/>
32	Assumed load-bearing value of soil _____ Pound Per Square Foot		<input checked="" type="checkbox"/>	
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	<input checked="" type="checkbox"/>		

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	<input checked="" type="checkbox"/>		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports			<input checked="" type="checkbox"/>

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Sub mit other approved termite protection methods. Protection shall be provided by registered termiticides			<input checked="" type="checkbox"/>
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	<input checked="" type="checkbox"/>		
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	<input checked="" type="checkbox"/>		

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			<input checked="" type="checkbox"/>
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			<input checked="" type="checkbox"/>
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			<input checked="" type="checkbox"/>
42	Attachment of joist to girder			<input checked="" type="checkbox"/>
43	Wind load requirements where applicable			<input checked="" type="checkbox"/>
44	Show required under-floor crawl space			<input checked="" type="checkbox"/>

45	Show required amount of ventilation opening for under-floor spaces			/
46	Show required covering of ventilation opening			/
47	Show the required access opening to access to under-floor spaces			/
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & interior of the areas structural panel sheathing			/
49	Show Draftstopping, Fire caulking and Fire blocking			/
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			/
51	Provide live and dead load rating of floor framing systems (psf).			/

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	/		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	/		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	/		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	/		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	/		
57	Indicate where pressure treated wood will be placed	/		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	/		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	/		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	/		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	/		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	/		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	/		
64	Provide dead load rating of trusses	/		

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing	/		
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating	/		
67	Valley framing and support details			/
68	Provide dead load rating of rafter system	/		

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assemblies covering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
74	Attic space	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
75	Exterior wall cavity	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
76	Crawl space	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
78	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
79	Show clothes dryer route and total run of exhaust duct	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81	Show the location of water heater	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Private Potable Water

82	Pump motor horse power	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
83	Reservoir pressure tank gallon capacity	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
84	Rating of cycle stop valve if used	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	<input checked="" type="checkbox"/>		
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A	<input checked="" type="checkbox"/>		
87	Show the location of smoke detectors & Carbon monoxide detectors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
88	Show service panel, sub-panel, location(s) and total ampere ratings	<input checked="" type="checkbox"/>		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. 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. Indicate if the utility company service entrance cable will be of the overhead or underground type. For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	<input checked="" type="checkbox"/>		
90	Appliances and HVAC equipment and disconnects	<input checked="" type="checkbox"/>		
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed Combination arc-fault circuit interrupter , Protection device.	<input checked="" type="checkbox"/>		

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

<p align="center">GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</p>	<p align="center">Items to Include- Each Box shall be Circled as Applicable</p>
---	---

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects	<input checked="" type="checkbox"/>		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	<input checked="" type="checkbox"/>		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058			<input checked="" type="checkbox"/>
95	City of Lake City A permit showing an approved waste water sewer tap			<input checked="" type="checkbox"/>
96	Toilet facilities shall be provided for all construction sites	<input checked="" type="checkbox"/>		
97	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			<input checked="" type="checkbox"/>

98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			✓
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			✓
100	A development permit will also be required. Development permit cost is \$50.00			✓
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.			✓
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department

PRODUCT APPROVAL SPECIFICATION SHEET**Location:** 559 SW Little Rd., Lake City, FL 32024**Project Name:** Metrick Residence

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Masonite	STD 2 F. by 1 1/2 S Door	FI 4904-R3
2. Sliding	Masonite	Sliding glass door	FI 11956-A1
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	Arthun	Insulated vinyl windows	FI 6752-2
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	Certainteed	Cerant Siding	FI 12483
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block	Pittsburg Corning	glass block	FI 1363-R4
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	Certainteed	Arth Shingles	FI 5444-R2
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives - Coatings			FI 1960-R1
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			FL 451-R1
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			FI 2355-R3
1. Wood connector/anchor	SIMPSON		FL 470-R1
2. Truss plates			FI 10655
3. Engineered lumber	Weyerhaeuser		FI 1008-R1
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection.



Contractor or Contractor's Authorized Agent Signature
Little & Williams, Inc.

Location: Metrick Residence

Mark Little
Print Name

3/11/11
Date

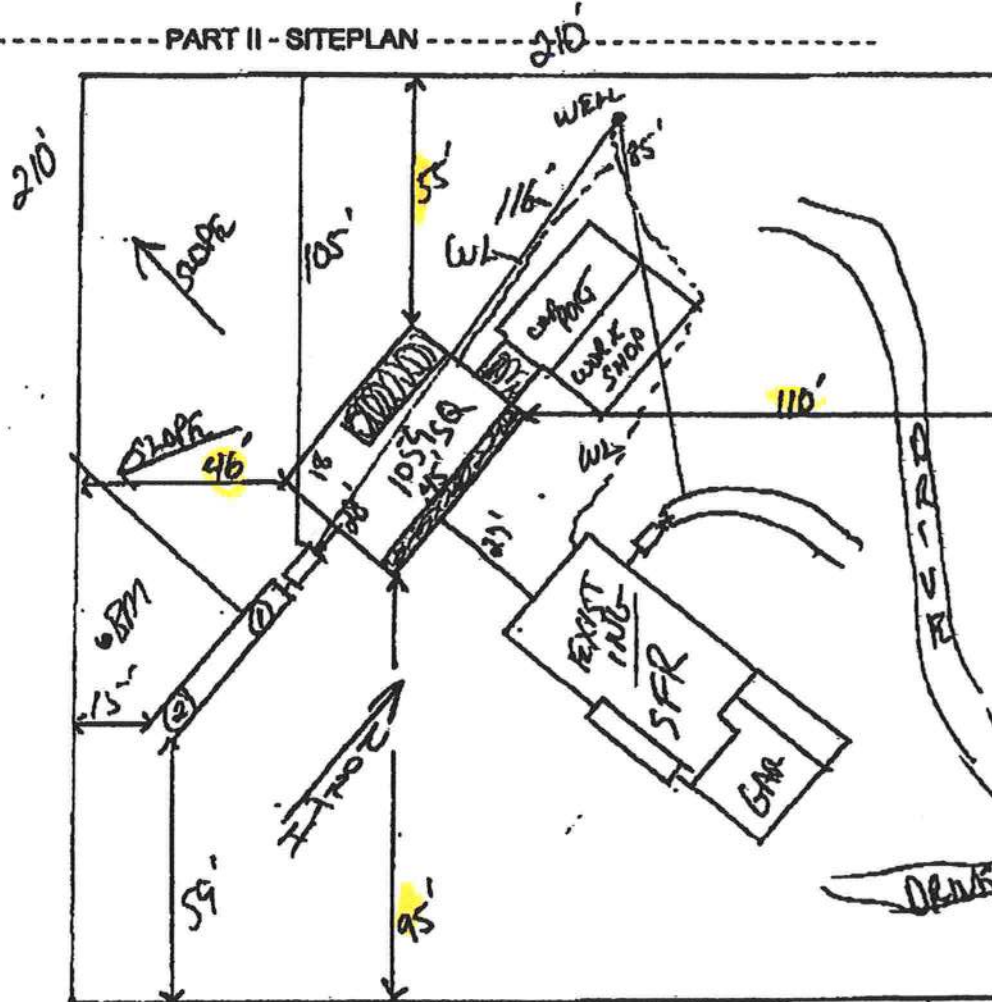
**STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT**

Permit Application Number 11-0136

METRICK

PART II - SITEPLAN

Scale: 1 inch = 40 feet.



Notes:

Site Plan submitted by:

Plan Approved

By_

Not Approved

MASTER CONTRACTOR

Date 3-23-11

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ON-SITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM

PERMIT #: 12-SC-1307517
APPLICATION #: AP998079
DATE PAID: 3/6/11
FEE PAID: 310.00
RECEIPT #: 1577532
DOCUMENT #: PR839229

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: TERESA**11-0136 METRICK

PROPERTY ADDRESS: SE LITTLE Rd Lake City, FL 32024

LOT: _____ BLOCK: _____ SUBDIVISION: _____

PROPERTY ID #: 09144-000 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]
[OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [900] GALLONS / GPD Septic CAPACITY
A [] GALLONS / GPD N/A CAPACITY
M [] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK: 1250 GALLONS]
K [] GALLONS DOSING TANK CAPACITY [] GALLONS @ [] Doses PER 24 HRS @Pumps []

D [250] SQUARE FEET drainfield SYSTEM
R [] SQUARE FEET N/A SYSTEM

A TYPE SYSTEM: [X] STANDARD [] FILLED [] MOUND []

I CONFIGURATION: [X] TRENCH [] BED []

N
F LOCATION OF BENCHMARK: nail in fence post west of system site

I ELEVATION OF PROPOSED SYSTEM SITE [12.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE [35.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

L
D FILL REQUIRED: [0.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

1. The 911 address shall be required before final approval.

SPECIFICATIONS BY: ROCKY FORD TITLE: m Contractor

APPROVED BY: Sallie A Ford TITLE: Environmental Health Director Columbia CHD

DATE ISSUED: 03/23/2011 EXPIRATION DATE: 09/23/2012

DN 4016, 08/09 (Obsoletes all previous editions which may not be used)

Incorporated: 64E-6.003, FAC

v 1.1.4

AP998079

62829724

Page 1 of 3

03-23-11;09:42AM;

A&B

:386 758-2187

2/ 3



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ON-SITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 11-0402
DATE PAID: 3/16/11
FEE PAID: 312.00
RECEIPT #: 1577582

APPLICATION FOR:

[X] New System [] Existing System [] Holding Tank [] Innovative
[] Repair [] Abandonment [] Temporary []

APPLICANT: Teresa E. MetrickAGENT: ROCKY FORD, A & B CONSTRUCTIONTELEPHONE: 386-497-2311MAILING ADDRESS: P.O. BOX 39 FT. WHITE, FL, 32038

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(a) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: na BLOCK: na SUB: na PLATTED: _____PROPERTY ID #: 6-58-17E-09144-000 ZONING: Res. I/M OR EQUIVALENT: [Y / (N)]PROPERTY SIZE: 1 ACRES WATER SUPPLY: [X] PRIVATE PUBLIC [] <2000GPD [] >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y / (N)] DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: SW Little Road, Lake City, FL, 32024

DIRECTIONS TO PROPERTY: Tustanuggas Road (CR 131) South, TR on CR 240, TR on Little Road, 1/2 mile to drive on right address 559. If you get to the bridge you have gone to far

BUILDING INFORMATION

[X] RESIDENTIAL [] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SE Residential	1	1059	
2				
3				

[N] Floor/Equipment Drains [N] Other (Specify) _____

SIGNATURE: Rocky D Ford DATE: 3/16/2011

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

Page 1 of 4

Residential System Sizing Calculation

Summary

METRICK residence
559 SW Little RD
Lake City, FL 32024-

Project Title:
DEP-METRICK08

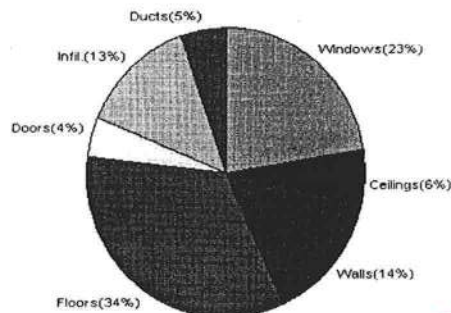
3/21/2011

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature(MJ8 99%)	33 F	Summer design temperature(MJ8 99%)	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	19665 Btuh	Total cooling load calculation	13101 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	122.0 24000	Sensible (SHR = 0.75)	164.0 18000
Heat Pump + Auxiliary(0.0kW)	122.0 24000	Latent	282.4 6000
		Total (Electric Heat Pump)	183.2 24000

WINTER CALCULATIONS

Winter Heating Load (for 1059 sqft)

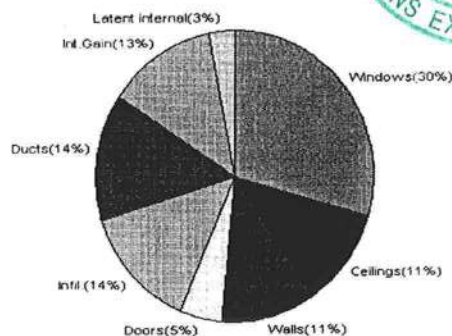
Load component		Load
Window total	210 sqft	4429 Btuh
Wall total	972 sqft	2779 Btuh
Door total	50 sqft	851 Btuh
Ceiling total	1059 sqft	1248 Btuh
Floor total	1059 sqft	6724 Btuh
Infiltration	64 cfm	2574 Btuh
Duct loss		1061 Btuh
Subtotal		19665 Btuh
Ventilation	0 cfm	0 Btuh
TOTAL HEAT LOSS		19665 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1059 sqft)

Load component		Load
Window total	210 sqft	3879 Btuh
Wall total	972 sqft	1457 Btuh
Door total	50 sqft	644 Btuh
Ceiling total	1059 sqft	1416 Btuh
Floor total		0 Btuh
Infiltration	32 cfm	604 Btuh
Internal gain		1660 Btuh
Duct gain		1316 Btuh
Sens. Ventilation	0 cfm	0 Btuh
Blower Load		0 Btuh
Total sensible gain		10977 Btuh
Latent gain(ducts)		538 Btuh
Latent gain(infiltration)		1187 Btuh
Latent gain(ventilation)		0 Btuh
Latent gain(internal/occupants/other)		400 Btuh
Total latent gain		2125 Btuh
TOTAL HEAT GAIN		13101 Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY: Andrew Williams

DATE: 3/21/11

EnergyGauge® / USRFBZ v2.8

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

METRICK residence
559 SW Little RD
Lake City, FL 32024-

Project Title:
DEP-METRICK08
Building Type: User

3/23/2011

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 37.0 F (MJ8 99%)

Component Loads for Whole House								
Window	Panes/Type	Frame	U	Orientation	Area(sqft)	X	HTM=	Load
1	2, NFRC 0.60	Metal	0.57	NW	30.0		21.1	633 Btuh
2	2, NFRC 0.60	Metal	0.57	SW	6.0		21.1	127 Btuh
3	2, NFRC 0.60	Metal	0.57	SE	60.0		21.1	1265 Btuh
4	2, NFRC 0.60	Metal	0.57	SE	114.0		21.1	2404 Btuh
	Window Total					210.0(sqft)		4429 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.077)	19.0/0.0	320		2.86	915 Btuh
2	Frame - Wood	- Ext	(0.077)	19.0/0.0	250		2.86	715 Btuh
3	Frame - Wood	- Ext	(0.077)	19.0/0.0	186		2.86	532 Btuh
4	Frame - Wood	- Ext	(0.077)	19.0/0.0	216		2.86	618 Btuh
	Wall Total					972(sqft)		2779 Btuh
Doors	Type	Storm	Ueff.		Area	X	HTM=	Load
1	Wood - Exterior,	n	(0.460)		10		17.0	170 Btuh
2	Wood - Exterior,	n	(0.460)		20		17.0	340 Btuh
3	Wood - Exterior,	n	(0.460)		20		17.0	340 Btuh
	Door Total					50(sqft)		851Btuh
Ceilings	Type/Color/Surface		Ueff.	R-Value	Area	X	HTM=	Load
1	Vented Attic/L/Shing		(0.032)	30.0/0.0	1059		1.2	1248 Btuh
	Ceiling Total					1059(sqft)		1248Btuh
Floors	Type		Ueff.	R-Value	Size	X	HTM=	Load
1	Slab On Grade		(1.180)	0.0	154.0 ft(perim.)		43.7	6724 Btuh
	Floor Total					1059 sqft		6724 Btuh
	Envelope Subtotal:							16030 Btuh
Infiltration	Type		ACH	Volume(cuft)	Wall Ratio		CFM=	Load
	Natural		0.45	8472	1.00		63.5	2574 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Att)						(DLM of 0.057)	1061 Btuh
All Zones	Sensible Subtotal All Zones							19665 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

METRICK residence
559 SW Little RD
Lake City, FL 32024-

Project Title:
DEP-METRICK08
Building Type: User

3/23/2011

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	19665 Btuh 0 Btuh 19665 Btuh
---------------------------	--	------------------------------------

EQUIPMENT

1. Electric Heat Pump	#	24000 Btuh
-----------------------	---	------------

Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)
U - (Window U-Factor)
HTM - (ManualJ Heat Transfer Multiplier)



Version 8

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

METRICK residence
559 SW Little RD
Lake City, FL 32024-

Project Title:
DEP-METRICK08

3/23/2011

Reference City: Gainesville, FL

Temperature Difference: 17.0F(MJ8 99%)

Humidity difference: 54gr.

Component Loads for Whole House

Window	Type*						Overhang		Window Area(sqft)			HTM		Load					
	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded						
1	2 NFRC	0.60, 0.57	B-L	H	NW		5.5ft	0.5ft	30.0	0.0	30.0	13	27	814	Btuh				
2	2 NFRC	0.60, 0.57	B-L	H	SW		5.0ft	0.5ft	6.0	6.0	0.0	13	29	78	Btuh				
3	2 NFRC	0.60, 0.57	B-L	H	SE		1.5ft	0.5ft	60.0	23.6	36.4	13	29	1366	Btuh				
4	2 NFRC	0.60, 0.57	B-L	H	SE		9.5ft	0.5ft	114.0	114.0	0.0	13	29	1491	Btuh				
Excursion														130	Btuh				
Window Total														210 (sqft)				3879	Btuh
Walls	Type						U-Value		R-Value		Area(sqft)		HTM		Load				
									Cav/Sheath										
1	Frame - Wood - Ext						0.08		19.0/0.0		320.0		1.5		480 Btuh				
2	Frame - Wood - Ext						0.08		19.0/0.0		250.0		1.5		375 Btuh				
3	Frame - Wood - Ext						0.08		19.0/0.0		186.0		1.5		279 Btuh				
4	Frame - Wood - Ext						0.08		19.0/0.0		216.0		1.5		324 Btuh				
Wall Total														972 (sqft)				1457	Btuh
Doors	Type										Area (sqft)		HTM		Load				
1	Wood - Exterior										10.0		12.9		129 Btuh				
2	Wood - Exterior										20.0		12.9		258 Btuh				
3	Wood - Exterior										20.0		12.9		258 Btuh				
Door Total														50 (sqft)				644	Btuh
Ceilings	Type/Color/Surface						U-Value		R-Value		Area(sqft)		HTM		Load				
1	Vented Attic/Light/Shingle						0.032		30.0/0.0		1059.0		1.34		1416 Btuh				
Ceiling Total														1059 (sqft)				1416	Btuh
Floors	Type								R-Value		Size		HTM		Load				
1	Slab On Grade								0.0		1059 (ft-perimeter)		0.0		0 Btuh				
Floor Total														1059.0 (sqft)				0	Btuh
														Envelope Subtotal:				7397	Btuh
Infiltration	Type						ACH		Volume(cuft)		Wall Ratio		CFM=		Load				
Sensible						0.23		8472		972		63.5		604 Btuh					
Natural																			
Internal gain	Occupants								Btuh/occupant		Appliance				Load				
									X										
						2		230		+		1200		1660 Btuh					
														Sensible Envelope Load:				9661	Btuh
														(DGM of 0.136)				1316	Btuh
Duct load Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)																			
														Sensible Load All Zones				10977	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

METRICK residence
559 SW Little RD
Lake City, FL 32024-

Project Title:
DEP-METRICK08

Climate: FL_JACKSONVILLE_INTL_ARPT

3/23/2011

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	9661 Btuh
	Sensible Duct Load	1316 Btuh
	Total Sensible Zone Loads	10977 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	10977 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	1187 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	538 Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400 Btuh
	Latent other gain	0 Btuh
	Latent total gain	2125 Btuh
	TOTAL GAIN	13101 Btuh

EQUIPMENT

1. Central Unit	#	24000 Btuh
-----------------	---	------------

*Key: Window types (Panels - Number and type of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value)
(U - Window U-Factor)
(InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))
- For Blinds: Assume medium color, half closed
- For Draperies: Assume medium weave, half closed
- For Roller shades: Assume translucent, half closed
(IS - Insect screen: none(N), Full(F) or Half(½))
(Ornt - compass orientation)



Version 8

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 4/21/2010 DATE ISSUED: 4/26/2010

ENHANCED 9-1-1 ADDRESS:

557 SW LITTLE RD

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

06-5S-17-09144-000

Remarks:

2ND LOC

Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

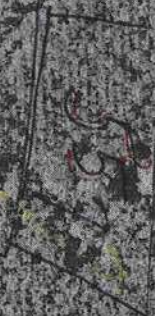
NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

SWI LITTLE ROAD

INDIAN
COUN
LOCATION



NEIN
LOCATION





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557 SW LITTLE RD

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Remarks:

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SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1103-44 CONTRACTOR Little & Williams, Inc PHONE 386 755-3139
THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

✓ ELECTRICAL 717	Print Name <u>Oscar Gray</u> License #: <u>EC0001471</u>	Signature <u>[Signature]</u> Phone #: <u>[Signature]</u>
✓ MECHANICAL/A/C 716	Print Name <u>Oscar Gray</u> License #: <u>CAC057649</u>	Signature <u>[Signature]</u> Phone #: <u>[Signature]</u>
✓ PLUMBING/GAS 719	Print Name <u>Mark B. Ballis</u> License #: <u>CFC057219</u>	Signature <u>[Signature]</u> Phone #: <u>752-8656</u>
✓ ROOFING 718	Print Name <u>Joe Williams</u> License #: <u>CGC003903</u>	Signature <u>[Signature]</u> Phone #: <u>386 755-3139</u>
SHEET METAL	Print Name <u>N/A</u> License #:	Signature _____ Phone #:
FIRE SYSTEM/SPRINKLER	Print Name <u>N/A</u> License#:	Signature _____ Phone #:
SOLAR	Print Name <u>N/A</u> License #:	Signature _____ Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
✓ MASON 718	<u>CGC003903</u>	<u>Little & Williams</u>	<u>[Signature]</u>
✓ CONCRETE FINISHER 718	<u>"GC"</u>	<u>Little & Williams</u>	<u>[Signature]</u>
✓ FRAMING 718	<u>"GC"</u>	<u>Little & Williams</u>	<u>[Signature]</u>
✓ INSULATION 718	<u>"GC"</u>	<u>Little & Williams</u>	<u>[Signature]</u>
STUCCO	<u>"N/A"</u>		
✓ DRYWALL 718	<u>"GC"</u>	<u>Little & Williams</u>	<u>[Signature]</u>
PLASTER	<u>N/A</u>		
✓ CABINET INSTALLER 718	<u>"GC"</u>	<u>Little & Williams</u>	<u>[Signature]</u>
✓ PAINTING	<u>42</u>	<u>William R DAVIS</u>	<u>[Signature]</u>
ACOUSTICAL CEILING	<u>N/A</u>		
✓ GLASS 718	<u>CGC003903</u>	<u>Little & Williams</u>	<u>[Signature]</u>
CERAMIC TILE			
FLOOR COVERING			
✓ ALUM/VINYL SIDING 481	<u>SC0047025</u>	<u>Todd A Hunt</u>	<u>[Signature]</u>
GARAGE DOOR	<u>N/A</u>		
METAL BLDG ERECTOR	<u>N/A</u>		

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Mar 25 11 04:15p

Little & Williams, Inc.

386 961-9539

p.2

Mar 25 2011 3:51PM WAYNES CARPET PLUS

3867194999

p.2

Mar 25 11 10:18a

Little & Williams, Inc.

386 961-9539

p.2

SUBCONTRACTOR VERIFICATION FORM

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Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractor's Printed Name	Sub-Contractor's Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
✓ CERAMIC TILE	000876	<i>Cyril Hall</i>	RYAN HARDIN
✓ FLOOR COVERING	000546	<i>Ryan Hall</i>	RYAN HARDIN
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F.S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.30 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Form: Subcontractor Form: 609

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: Metrick residence
 Street: 559 SW Little Rd
 City, State, Zip: Lake City, FL, 32024-
 Owner: Ray Metrick
 Design Location: FL, Gainesville

Builder Name: Owner
 Permit Office: Columbia Co
 Permit Number: 29309
 Jurisdiction: 221000

1. New construction or existing	New (From Plans)	
2. Single family or multiple family	Single-family	
3. Number of units, if multiple family	1	
4. Number of Bedrooms	1	
5. Is this a worst case?	No	
6. Conditioned floor area (ft ²)	1059	
7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.55	103.63 ft ²
	SHGC: SHGC=0.70	
b. U-Factor:	Dbl, U=0.55	45.00 ft ²
	SHGC: SHGC=0.60	
c. U-Factor:	Dbl, U=0.80	12.50 ft ²
	SHGC: SHGC=0.70	
d. U-Factor:	N/A	ft ²
	SHGC:	
e. U-Factor:	N/A	ft ²
	SHGC:	
8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1059.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1104.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
d. N/A	R=	ft ²
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1059.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
11. Ducts		
a. Sup: Attic Ret: Attic AH: Exterior Sup. R= 6, 265 ft ²		
12. Cooling systems		
a. Central Unit	Cap: 35 kBtu/hr	SEER: 14
13. Heating systems		
a. Electric Heat Pump	Cap: 35 kBtu/hr	HSPF: 7.7
14. Hot water systems		
a. Electric	Cap: 30 gallons	EF: 0.92
b. Conservation features		
None		
15. Credits	Pstat	

Glass/Floor Area: 0.152

Total As-Built Modified Loads: 19.92

Total Baseline Loads: 24.60

PASS

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

PREPARED BY: T.A. OdellDATE: 2/9/11

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

OWNER/AGENT: _____

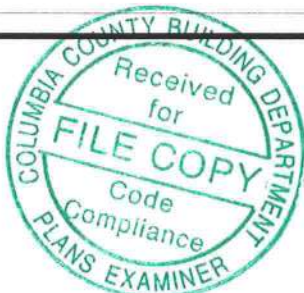
DATE: _____

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: _____



PROJECT

Title:	Metrick residence	Bedrooms:	1	Address Type:	Street Address
Building Type:	FLAsBuilt	Bathrooms:	0	Lot #	
Owner:	Ray Metrick	Conditioned Area:	1059	SubDivision:	
# of Units:	1	Total Stories:	1	PlatBook:	
Builder Name:	Owner	Worst Case:	No	Street:	559 SW Little Rd
Permit Office:	Columbia Co	Rotate Angle:	0	County:	Columbia
Jurisdiction:	221000	Cross Ventilation:		City, State, Zip:	Lake City ,
Family Type:	Single-family	Whole House Fan:			FL , 32024-
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
✓	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
✓	1	Slab-On-Grade Edge Insulatio	150 ft	0	1059 ft²	0.5	0.3	0.2

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
✓	1	Gable or shed	Composition shingles	1273 ft²	354 ft²	Medium	0.96	No	0	33.7 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
✓	1	Full attic	Vented	300	1059 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
✓	1	Under Attic (Vented)	30	1059 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
✓	1	NW	Exterior	Frame - Wood	13	360 ft²		0.23	0.75
✓	2	NE	Exterior	Frame - Wood	13	160 ft²		0.23	0.75
✓	3	SE	Exterior	Frame - Wood	13	360 ft²		0.23	0.75
✓	4	SW	Exterior	Frame - Wood	13	224 ft²		0.23	0.75

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	NE	Insulated	Metal	0.46	20 ft²
_____	2	NE	Insulated	Metal	0.46	20 ft²

WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth Separation	Int Shade	Screening
_____	1	NW	Vinyl	Low-E Double	Yes	0.55	0.6	N	45 ft²	2 ft 0 in 0 ft 4 in	HERS 2006	None
_____	2	NW	Metal	Low-E Double	Yes	0.55	0.7	N	99.19 ft²	10 ft 0 in 0 ft 4 in	HERS 2006	None
_____	3	SE	Vinyl	Low-E Double	Yes	0.8	0.7	N	12.5 ft²	6 ft 0 in 4 ft 0 in	HERS 2006	None
_____	4	SW	Vinyl	Low-E Double	Yes	0.55	0.7	N	4.44 ft²	2 ft 0 in 0 ft 4 in	HERS 2006	None

INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ---- Supply CFM Exhaust CFM	Run Time Fraction	Fan Watts
_____	Default	0.00036	1000	7.08	54.9	103.2	0 cfm 0 cfm	0	0

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
_____	1	Central Unit	None	SEER: 14	35 kBtu/hr	1050 cfm	0.75	False

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
_____	1	Electric Heat Pump	None	HSPF: 7.7	35 kBtu/hr	False

HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.92	30 gal	40 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

DUCTS

✓	#	--- Supply --- Location R-Value Area	--- Return --- Location Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Attic 6 265 ft²	Attic 52.95 ft	Default Leakage	Exterior				

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Venting	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec

Thermostat Schedule: HERS 2006 Reference

		Hours											
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: 559 SW Little Rd
Lake City, FL, 32024-

PERMIT #:

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	✓
Exterior & Adjacent Walls	N1106.AB.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	N1106.AB.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	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to 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	N1106.AB.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 with < 2.0 cfm from conditioned space, tested.	✓
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	N/A
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	✓

OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	✓
Swimming Pools & Spas	N1112.AB.2.3	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%. Heat pump pool heaters shall have a minimum COP of 4.0.	N/A
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	✓
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	✓
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	✓
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	✓

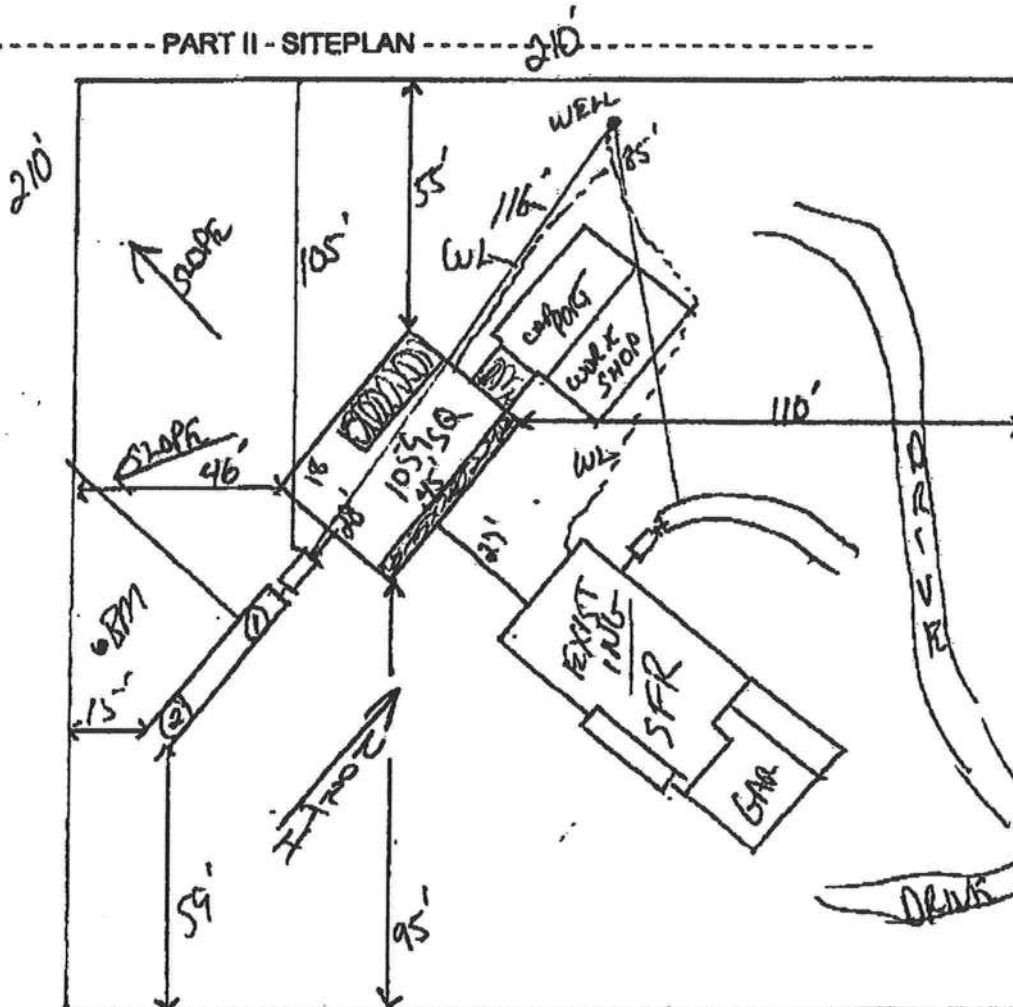
**STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT**

Permit Application Number 11-0136

MIETRUCK

PART II - SITEPLAN

Scale: 1 inch = 40 feet.



Notes:

Site Plan submitted by:

Plan Approved

By _____

Not Approved

MASTER CONTRACTOR

Date 3-23-11

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DI 4015, 08/08 (Obsoletes previous editions which may not be used) Incorporated: 84E-8.001, FAC
(Stock Number: 5744-002-4015-5)

Page 2 of 4

COLUMBIA COUNTY OFFICE OF THE SHERIFF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 06-5S-17-09144-004

Building permit No. 000029309

Use Classification SFD/UTILITY

Fire: 123.00

Permit Holder JOE WILLIAMS

Waste: 167.50

Owner of Building RAY & TERRI METRICK

Total: 290.50

Location:

Date: 12/06/2011

John Lee

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



COLUMBIA COUNTY OFFICE COLUMBIA

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

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Total: 290.50

Location:

Date: 12/06/2011

Ray Williams



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625
4784 Rosselle St. • Jacksonville, FL 32254

Lake City • (386) 755-363

Fax • (386) 752-545

Jacksonville • (904) 381-890

Fax • (904) 381-890

JOB NO.:
DATE TESTED: 6/2/11

REPORT OF IN-PLACE DENSITY TEST

#29309

ASTM METHOD: X (D-2922) Nuclear (D-2937) Drive Cylinder Other

PROJECT: metric Residence

CLIENT: Little & Williams

GENERAL CONTRACTOR: SAC

EARTHWORK CONTRACTOR: SAC

SOIL USE (SEE NOTE): 1

SPECIFICATION REQUIREMENTS: 95%

TECHNICIAN: T. Hygema

MODIFIED (ASTM D-1557):

STANDARD (ASTM D-698):

TEST NO.	TEST LOCATION	TEST:	PROCTOR NO.	WET DENS. LBS./CU.FT.	DRY DENS. LBS./CU.FT.	MOIST PERCENT	% MAX. DENS.
		<u>X</u> DEPTH ELEV. LIFT					
1	12'S 10'W from NE Corner	12"	1	113.4	107.7	5.2	97
2	20'N 10'E from SW Corner	12"	1	116.8	109.0	7.2	98

REMARKS:

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
1		111.0	

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other
The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test location and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM

PERMIT #: 12-SC-1307517
APPLICATION #: AP998079
DATE PAID: 3/6/11
FEE PAID: 310.00
RECEIPT #: 1577532
DOCUMENT #: PR839229

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: TERESA**11-0136 METRICK

PROPERTY ADDRESS: SE LITTLE Rd Lake City, FL 32024

LOT: _____ BLOCK: _____ SUBDIVISION: _____

PROPERTY ID #: 09144-000 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]
[OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [900] GALLONS / GPD Septic CAPACITY
A [] GALLONS / GPD N/A CAPACITY
N [] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
K [] GALLONS DOSING TANK CAPACITY [] GALLONS 0 [] Doses PER 24 HRS #Pumps []

D [250] SQUARE FEET drainfield SYSTEM
R [] SQUARE FEET N/A SYSTEM

A TYPE SYSTEM: [X] STANDARD [] FILLED [] MOUND []

I CONFIGURATION: [X] TRENCH [] BED []

F LOCATION OF BENCHMARK: nail in fence post west of system site

I ELEVATION OF PROPOSED SYSTEM SITE [12.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE [35.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

L

D FILL REQUIRED: [0.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

1. The 911 address shall be required before final approval.

SPECIFICATIONS BY: ROCKY FORD TITLE: m Contractor

APPROVED BY: Sallie A Ford TITLE: Environmental Health Director Columbia CHD

DATE ISSUED: 03/23/2011 EXPIRATION DATE: 09/23/2012

DN 4016, 08/09 (Obsoletes all previous editions which may not be used)

Incorporated: 64E-6.003, FAC

v 1.1.4

AP998079

PR839229

Page 1 of 3



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. 11-0000
DATE PAID: 3/16/11
FEE PAID: 312.00
RECEIPT #: 1577582

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: Teresa E. MetrickAGENT: ROCKY FORD, A & B CONSTRUCTIONTELEPHONE: 386-497-2311MAILING ADDRESS: P.O. BOX 39 FT. WHITE, FL, 32038

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(a) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: na BLOCK: na SUB: na PLATTED: _____PROPERTY ID #: 6-58-17E-09144-000 ZONING: Res. I/M OR EQUIVALENT: ☐ Y ☒ NPROPERTY SIZE: 1 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ <=2000GPD ☐ >2000GPDIS SEWER AVAILABLE AS PER 381.0065, FS? ☐ Y ☒ N DISTANCE TO SEWER: _____ FTPROPERTY ADDRESS: SW Little Road, Lake City, FL, 32024

DIRECTIONS TO PROPERTY: Tustanuggas Road (CR 131) South, TR on CR 240, TR on Little Road, 1/2 mile to drive on right address 559. If you get to the bridge you have gone to far

BUILDING INFORMATION

☒ RESIDENTIAL ☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SF Residential	1	1059	
2				
3				

☒ Floor/Equipment Drains ☒ Other (Specify) _____SIGNATURE: Rocky D Ford DATE: 3/16/2011

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

Page 1 of 4

FAX COVER SHEET

A & B Construction, Inc.
P. O. Box 39
Ft. White, FL, 32038
(O) 386-497-2311
(F) 386-497-4866

Date: 3-23-11

SEND TO: *Little & Williams Const.*

ATTN: *Mark I. E.*

Fax Number: *961-9539*

FROM: ☐ Lisa Ford, ☒ Kristina Ford ☐ Dale Burd
☐ Rocky Ford, ☐

TOTAL NUMBER OF PAGES: 3

Septic Permit for Metrick.

Faxed on 3-23-11



MARK LITTLE

Little & Williams, Inc.

J. E. WILLIAMS

COMMERCIAL **CONSTRUCTION** INDUSTRIAL

*✓ SPECIFIC ONLY -
ON THIS PROJECT*

March 13, 2011

Columbia County Building Department
Attn: Janice Williams
135 NE Hernando Ave., Ste B-21
Lake City, FL 32055

Re: Metrick Residence *✓*

Dear Ms. Williams:

This letter authorizes Mark Little to sign the building permit for the above listed project in behalf of Little & Williams, Inc.

Regards,

JOE WILLIAMS
Joe Williams
Vice President
Little & Williams, Inc.
CGC003903

State of Florida
County of Columbia

The forgoing instrument was acknowledged before me this 14th day of March 2011, by Joe Williams who is personally known to me.

NOTARY PUBLIC

Amelia J. Creamer

Name: Amelia J. Creamer

Commission Expires: 3/10/13



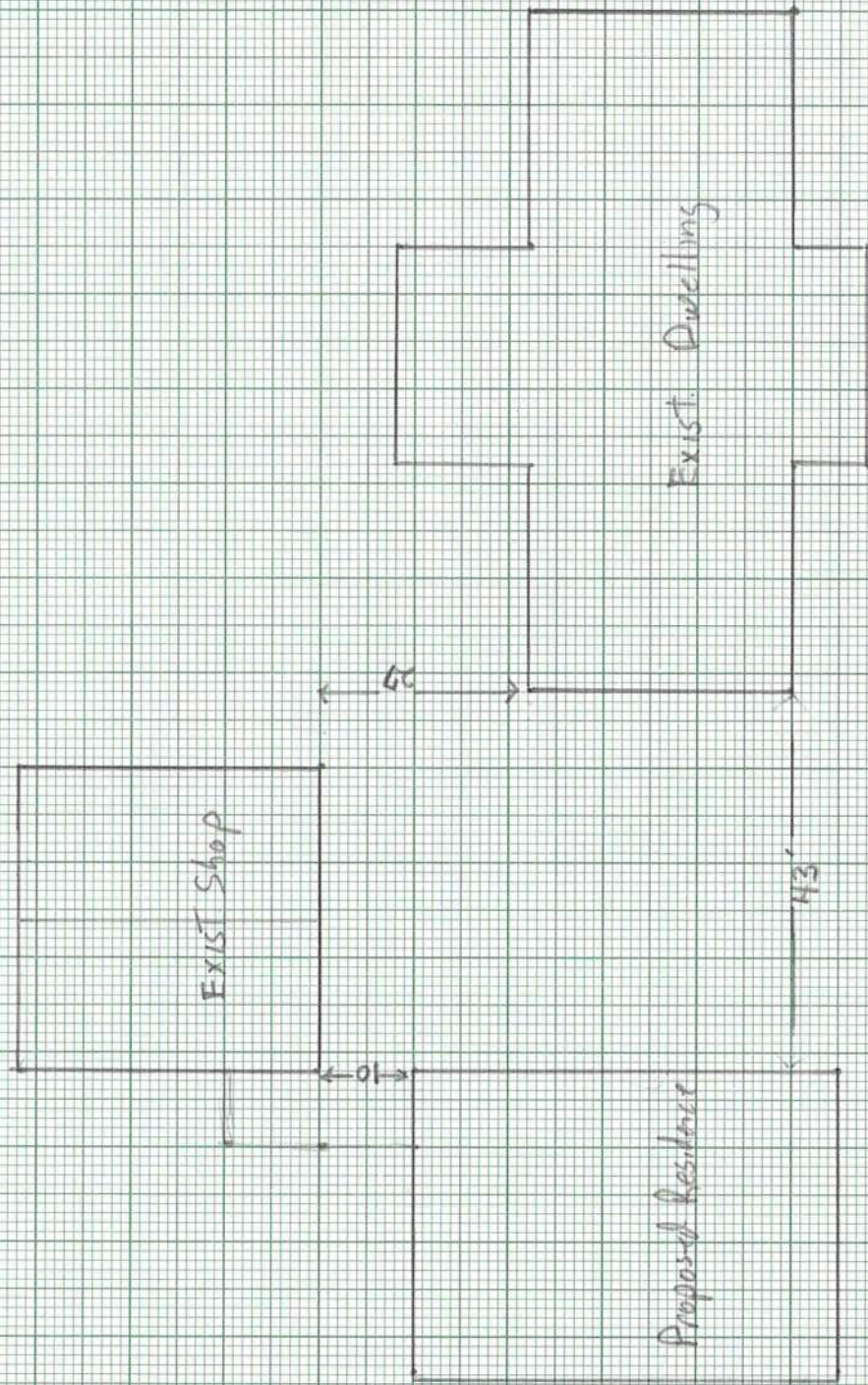
AMELIA J. CREAMER
Notary Public, State of Florida
My Comm. Expires March 10, 2013
Commission No. DD 858805

LICENSED & INSURED
GC# CGC003903

319 S.W. Solstice Court, Lake City, Florida 32024
Phone (386) 755-3139 Fax (386) 961-9539

FREE ESTIMATES
littleawilliam@aol.com

Revised site plan April 7, 2011



THIS INSTRUMENT PREPARED BY
AND RETURN TO:

MARLIN M. FEAGLE, ESQUIRE
FEAGLE & FEAGLE, ATTORNEYS, P.A.
153 NE Madison Street
Post Office Box 127
Lake City, Florida 32056-1653
Florida Bar No. 0173248

Inst: 201012020365 Date: 12/22/2010 Time: 2:55 PM
Doc Stamp-Deed: 0.70
DC, P. DeWitt Cason, Columbia County Page 1 of 3 B: 1206 P: 2738

WARRANTY DEED

THIS INDENTURE, made this 20th day of December, 2010, between **RALPH E. LITTLE** and his wife, **MARILYN L. LITTLE**, whose mailing address is 559 SW Little Road, Lake City, Florida 32024, parties of the first part, Grantor, and **TERESA E. METRICK**, whose mailing address is Post Office Box 502, Fort White, Florida 32038, party of the second part, Grantee,

W I T N E S S E T H:

That said grantor, for and in consideration of the sum of **TEN AND NO/100 (\$10.00) DOLLARS**, and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs, successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

The West Half of the SW 1/4 of the SW 1/4 and the South 132.00 feet of the SW 1/4 of the NW 1/4 of the SW 1/4 all in Section 6, Township 5 South, Range 17 East.

SUBJECT TO additional right-of-way taken for Little Road as recorded in Official Records Book 1043, Pages 2620-2621, of the public records of Columbia County, Florida. **ALSO SUBJECT TO** reservations, restrictions and easements of record, if any.

N.B. Grantors, so long as both or either of them shall live, retain a life estate in the single-family residence currently located on the property, together with one-acre surrounding the existing single-family residence and the right of ingress and egress. The life estate retained by Grantors shall be subject to the additional restriction that Grantors shall not allow any other individual to whom they are not lawfully married to reside in the residence for more than ten

PK.
Jogensen
-201-

Hilf
over

(10) nights during any single calendar year without the express consent of Grantee or her successors and assigns. Grantee, including her successors and assigns, are specifically authorized to enforce this provision in law or equity, including injunctive relief if necessary to prevent a violation of this restrictive covenant.

Tax Parcel No.: 06-5S-17-09144-000 (parent parcel)

TOGETHER WITH all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple forever.

AND the Grantor hereby covenants with said Grantee that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good right and lawful authority to sell and convey said land; that the Grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2010.

IN WITNESS WHEREOF, the said Grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered
in the presence of:

Mallin Feagle
Witness

MALLIN Feagle
Print or type name

Diane S. Edenfield
Witness

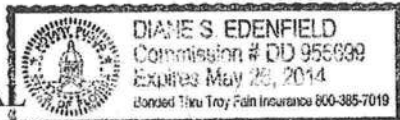
DIANE S. EDENFIELD
Print or type name

✓ Ralph E Little (SEAL)
RALPH E. LITTLE

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 30th day of December, 2010, by **RALPH E. LITTLE** who is personally known to me or who has produced a Florida driver's license as identification.

(NOTARIAL
SEAL)



Diane S. Edenfield
Notary Public, State of Florida

My Commission Expires:

Signed, sealed and delivered
in the presence of:

Paula P. Owens

Witness

Paula P. Owens

Print or type name

Susan Blanks

Witness

Susan Blanks

Print or type name

Marilyn Little (SEAL)
MARILYN L. LITTLE

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 20th day of December, 2010, by **MARILYN L. LITTLE** who is personally known to me or who has produced a Florida driver's license as identification.

(NOTARIAL
SEAL)



Teresa Phillips
Notary Public, State of Florida

My Commission Expires: 2/14/2014

ANY CONCERNS PLEASE CALL MARK LITTLE AT 623-6642

Columbia County Building Permit Application

Changing Existing Well

For Office Use Only	Application #	1103-44	Date Received	3/24	By	Tu	Permit #	29309	
Zoning Official	BLK	Date	13.04.11	Flood Zone	X	Land Use	A-3	Zoning	A-3
FEMA Map #	N/A	Elevation	N/A	MFE / Above Rd	N/A	River	N/A	Plans Examiner	J.C.
Date	3-28-11	Comments: Meets Density Requirements 2.5c Estate Authorization & Disclosure Statement							
<input checked="" type="checkbox"/> NOC <input checked="" type="checkbox"/> EH <input checked="" type="checkbox"/> Deed or PA <input checked="" type="checkbox"/> Site Plan <input checked="" type="checkbox"/> State Road Info <input checked="" type="checkbox"/> Well letter <input checked="" type="checkbox"/> 911 Sheet <input type="checkbox"/> Parent Parcel #									
<input type="checkbox"/> Dev Permit # <input type="checkbox"/> In Floodway <input checked="" type="checkbox"/> Letter of Auth. from Contractor <input type="checkbox"/> F W Comp. letter									
IMPACT FEES: EMS _____ Fire _____ Corr _____ <input checked="" type="checkbox"/> Sub VF Form									
Road/Code _____ School _____ = TOTAL (Suspended) <input checked="" type="checkbox"/> App Fee Paid 15.00									

Septic Permit No. 11-0136-07517

Fax

Name Authorized Person Signing Permit Joe Williams / Mark Little Phone 386 755-3139

Address 319 SW Solstice Ct., Lake City, FL 32024

Owners Name Ray and Terri Metrick Phone 386 438-3458

911 Address 559 SW Little Road, Lake City, FL 32024

Contractors Name Little & Williams, Inc. Phone 386 755-3139

Address 319 SW Solstice Ct., Lake City, FL 32024

Fee Simple Owner Name & Address

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address MARK SISOSWY PE L.C. 22 Jim Delbere Draftsman, L.C.

Mortgage Lenders Name & Address CASH

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

Property ID Number 06-5S-17-09144-004 Estimated Cost of Construction \$92,055.00

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions Tustewagee Rd (CR131) South, Turn on CR240, Turn on Little Road, 1/2 mile to drive on right - address 559.

Number of Existing Dwellings on Property 2

Construction of Single Family Residence Total Acreage _____ Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 19'

Actual Distance of Structure from Property Lines - Front 55' Side 4' Side 110' Rear 9.5'

Number of Stories 1 Heated Floor Area 1059 SF Total Floor Area 1530 SF Roof Pitch 8/12

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. CODE: Florida Building Code 2007 with 2009 Supplements and the 2008 National Electrical Code.

Page 1 of 2 (Both Pages must be submitted together.) Revised 1-11

JW spoke w/ Juelia on 4-14-11 - C# 6089

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.


NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

(Owners Must Sign All Applications Before Permit Issuance.)


Owners Signature

****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.


Contractor's Signature (Permitee)

Contractor's License Number CGC003903
Columbia County
Competency Card Number 718-Computer Systems

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 14th day of March 2011.

Personally known X or Produced Identification _____


State of Florida Notary Signature (For the Contractor)



AMELIA J. CREAMER
Notary Public, State of Florida
My Comm. Expires March 10, 2013
Commission No. DD 858805

RESIDENTIAL DWELLING DISCLOSURE

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME the undersigned Notary Public personally appeared.

The undersigned, Teresa L. Metrick, (herein "Owner"), whose physical 911 address on the property is 557 SW Little Road, Lake City, FL 32024, and reference with Columbia County Property Appraiser Tax Parcel No. 06-5S-17-09144-000.

Owner has made application to COLUMBIA COUNTY, FLORIDA for a building permit for a residential dwelling on the above reference property. The Owner hereby understands that Mr. Ralph E. Little and Mrs. Marilyn L. Little must sign an authorization affidavit for the construction of a residential dwelling on the one (1) acre (06-5S-17-09144-000) of the twenty (20) acres (06-5S-17-09144-004) in which the Owner has granted to them as a life estate. In addition, due to the proximity of the proposed residential dwelling to the existing residential dwelling, the Applicant is fully aware of potential problems that they may encounter if the current situation of the property changes to the County's Comprehensive Plan and Land Development Regulations (LDR's). Such problems could be but not limited to the following;

1. Density requirements;
2. Setback requirements of structures from property lines; and
3. The creation of an illegal non-conforming lot.

Owner is aware and has been advised that any other uses shall comply with the LDR's and shall obtain any additional permitting or approval as required by the LDR's regarding any future development on the property.

Teresa L. Metrick
Owner

Teresa L. Metrick
Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 13th day of April, 2011,
by Teresa Metrick (Owner) who is personally known to me or has produced
as identification.

Clara Johnson
Notary Public



AFFIDAVIT

**STATE OF FLORIDA
COUNTY OF COLUMBIA**

This is to certify that I, (We), Ralph Little & Marilyn Little
owner of the below described property:

Tax Parcel No. 06-55-17-09144-000

Subdivision (name, lot, block, phase) NA

Give my permission to Teresa L. Metrick to place a
mobile home/travel trailer (single family home) (circle one) on the above mentioned
property.

I (We) understand that this could result in an assessment for solid waste and fire
protection services levied on this property.

Ralph Little
Owner

Marilyn N. Little
Owner

SWORN AND SUBSCRIBED before me this 8th day of April,
20 11. This (these) person(s) are personally known to me or produced
ID _____.

Laura Croft
Notary Signature



1103-44

Columbia County Property Appraiser

DB Last Updated: 3/22/2011

2010 Tax Year

Parcel: 06-5S-17-09144-004

<< Next Lower Parcel

Next Higher Parcel >>

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

Interactive GIS Map

Print

Owner & Property Info

<< Prev

Search Result: 2 of 3

Next >>

Owner's Name	METRICK TERESA E		
Mailing Address	P O BOX 502 FORT WHITE, FL 32038		
Site Address	P O BOX 502		
Use Desc. (code)	TIMBERLAND (005500)		
Tax District	3 (County)	Neighborhood	6517
Land Area	19.000 ACRES	Market Area	01
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. W1/2 OF SW1/4 OF SW1/4 & SOUTH 132 FT OF SW1/4 OF NW1/4 OF SW1/4 EX SOUTH 30 FT & EX RD		



Property & Assessment Values

2010 Certified Values

There are no 2010 Certified Values for this parcel

2011 Working Values

NOTE:

2011 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Show Working Values

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
12/20/2010	1206/2738	WD	V	U	16	\$100.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
005500	TIMBER 2 (AG)	19 AC	1.00/1.00/1.00/1.00	\$241.00	\$4,579.00
009910	MKT.VAL.AG (MKT)	19 AC	1.00/1.00/1.00/1.00	\$0.00	\$59,836.00
009945	WELL/SEPT (MKT)	1 UT - (0000000.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 3/22/2011

http://g2.columbia.floridapa.com/GIS/D_SearchResults.asp

Density same per duckling
sellback

depending on the renter's
place at the time of the sale
it may have to be sold as a 16
ac

44

30/11

11/23/23

Scifizi

2/12/12

2/1/12

7/25/20

Handwritten signature in red ink.

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NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

06-5S-17-09144-000

Clerk's Office Stamp

201112005541 Date: 4/14/2011 Time: 11:07 AM
DC.P.DeWitt Cason, Columbia County Page 1 of 1 B 1212 P 2648

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): West half of SW 1/4 of SW 1/4 and S 132 ft of SW 1/4 of NW 1/4 of SW 1/4 Section 6, Township 5S, Range 17E
a) Street (job) Address: 559 SW Little Road, Lake City, FL 32024
2. General description of improvements: 1530 SF Single Family Residence

3. Owner Information
a) Name and address: Ray & Terri Metrick, 559 SW Little Road, Lake City, FL 32024
b) Name and address of fee simple titleholder (if other than owner) _____
c) Interest in property: Owners

4. Contractor Information
a) Name and address: Little & Williams, Inc., 319 SW Solstice Ct., Lake City, FL 32024
b) Telephone No.: 386 755-3139 Fax No. (Opt.): 386 961-9539

5. Surety Information
a) Name and address: N/A
b) Amount of Bond: _____
c) Telephone No.: _____ Fax No. (Opt.): _____

6. Lender
a) Name and address: _____
b) Phone No.: _____

7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.): _____

8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:
a) Name and address: Little & Williams, Inc., 319 SW Solstice Ct., Lake City, FL 32024
b) Telephone No.: 386 755-3139 Fax No. (Opt.): 386 961-9539

9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. Ray Metrick
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
Ray Metrick
Printed Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 11th day of March, 2011, by:
Ray Metrick as owner (type of authority, e.g. officer, trustee, attorney fact) for _____ (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification _____ Type _____

Notary Signature Amelia J. Creamer Notary Stamp or Seal:



AMELIA J. CREAMER
Notary Public, State of Florida
My Comm. Expires March 10, 2013
Commission No. DD 858805

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Ray Metrick
Signature of Natural Person Signing (in line #10 above.)