-	0/2005	Columbi	a County	Building P	ermit	PERMIT
, - U	_*		Expires One Y	ear From the Date		000023915
APPLICANT	SUSAN FA	4	D.T.	PHONE	752-1711	— 22055
ADDRESS	180	NW AMENITY COUL	K1	LAKE CITY PHONE	752 1711	FL 32055
OWNER	500000	ONE DEVELOPERS SW TIMBERLAND C	OURT	LAKE CITY	752-1711	FL 32055
ADDRESS	203 P. P. P		OURI	PHONE	752-8653	FL 32033
CONTRACTO	1	AN ZECHER	LUE A TUDIDOE CO			
LOCATION O	of PROPERT	90W, IL ON	HEATHRIDGE CC	OURT, TR ON TIMBERI	AND,41H ON	LEFI
TYPE DEVEL	OPMENT	SFD,UTILITY	ES	STIMATED COST OF CO	ONSTRUCTION	N 71500.00
HEATED FLO	OOR AREA	1430.00	TOTAL AR	EA 1867.00	HEIGHT	.00 STORIES 1
FOUNDATIO	N CONC	WALLS	FRAMED	ROOF PITCH 6/12	1	FLOOR SLAB
LAND USE &	ZONING	RSF-2		MAX	K. HEIGHT	17
Minimum Set l	Back Requirm	nents: STREET-FF	RONT 25.00	REAR	15.00	SIDE 10.00
NO. EX.D.U.	0	FLOOD ZONE	X PP	DEVELOPMENT PER	MIT NO.	
PARCEL ID	33-3S-16-02	2438-173	SUBDIVISIO	ON EMERALD COV	E	
LOT <u>73</u>	BLOCK	PHASE 1	UNIT	тот	AL ACRES	
000000903			CBC054575	Sens	2.	
Culvert Permit	No.	Culvert Waiver Con	tractor's License Nu	mber	Applicant/Own	er/Contractor
CULVERT)5-1127-N	BK		и И	Y
Driveway Conr	nection S	Septic Tank Number	LU & Zoni	ng checked by Ap	proved for Issua	nce New Resident
COMMENTS:	ONE FOOT	ABOVE THE ROAD				
			+		Check # or	Cash 1257
		FOR BUIL	DING & ZONII	NG DEPARTMENT		
Temporary Pov	ver	FOR BUIL		NG DEPARTMENT	ONLY	Cash 1257 (footer/Slab)
Temporary Pov	ver	FOR BUIL	DING & ZONIN	NG DEPARTMENT date/app. by		
Temporary Pov	-	date/app. by			ONLY Monolithic	(footer/Slab)
	-	date/app. by	Foundation Slab		ONLY Monolithic	(footer/Slab) date/app. by
	gh-in plumbin	date/app. by gdate/app.	Foundation Slab _	date/app. by	Monolithic Sheathin	(footer/Slab) date/app. by g/Nailing date/app. by
Under slab roug	gh-in plumbin date/app.	date/app. by g date/app. by	Foundation Slab Slab Rough-in plumbing a	date/app. by	Monolithic Sheathin	(footer/Slab) date/app. by g/Nailing
Under slab rouş	date/app.	date/app. by g date/app. by	Foundation Slab _	date/app. by date/app. by bove slab and below woo	Monolithic Sheathin	(footer/Slab) date/app. by g/Nailing date/app. by date/app. by
Under slab roug Framing Electrical roug	date/app.	date/app. by g date/app. by	Foundation Slab by Rough-in plumbing a	date/app. by	Monolithic Sheathin d floor Peri. beam (Lin	(footer/Slab) date/app. by g/Nailing date/app. by date/app. by
Under slab roug	date/app. h-in	date/app. by g date/app. by	Foundation Slab _ by Rough-in plumbing a Heat & Air Duct	date/app. by date/app. by bove slab and below woo	ONLY Monolithic Sheathin	(footer/Slab) date/app. by g/Nailing date/app. by date/app. by
Under slab roug Framing Electrical roug Permanent power	date/app. h-in date/app. date	date/app. by g date/app. by late/app. by	Foundation Slab _ by Rough-in plumbing a Heat & Air Duct	date/app. by date/app. by bove slab and below woo date/app. by date/app. by	Monolithic Sheathin d floor Peri. beam (Lin	(footer/Slab) date/app. by g/Nailing date/app. by date/app. by date/app. by date/app. by
Under slab roug Framing Electrical roug Permanent power	date/app. h-in date/app. date blocking, elect	date/app. by g date/app. by late/app. by /app. by ctricity and plumbing	Foundation Slab by Rough-in plumbing a Heat & Air Duct C.O. Final	date/app. by date/app. by bove slab and below woo date/app. by date/app. by	Monolithic Sheathin d floor Peri. beam (Lin Culvert Pool	(footer/Slab) date/app. by g/Nailing date/app. by date/app. by date/app. by date/app. by
Under slab roug Framing Electrical roug Permanent power M/H tie downs, Reconnection	date/app. h-in date/app. date blocking, elect	date/app. by g date/app. by late/app. by /app. by ctricity and plumbing te/app. by	Foundation Slab by Rough-in plumbing a Heat & Air Duct C.O. Final date/app Pump pole date	date/app. by date/app. by bove slab and below woo date/app. by date/app. by	Monolithic Sheathin d floor Peri. beam (Lin Culvert Pool date/app.	date/app. by g/Nailing date/app. by date/app. by date/app. by date/app. by date/app. by date/app. by
Under slab roug Framing Electrical roug Permanent power M/H tie downs, Reconnection M/H Pole	date/app. h-in date/app. date blocking, elect	date/app. by g date/app. by late/app. by /app. by ctricity and plumbing te/app. by	Foundation Slab by Rough-in plumbing a Heat & Air Duct C.O. Final date/app Pump pole date I Trailer	date/app. by date/app. by bove slab and below woo date/app. by date/app. by Utility Po	Monolithic Sheathin d floor Peri. beam (Lin Culvert Pool	date/app. by g/Nailing date/app. by date/app. by date/app. by date/app. by date/app. by date/app. by
Under slab roug Framing Electrical roug Permanent power M/H tie downs, Reconnection M/H Pole	date/app. h-in date date date date date date date	date/app. by g date/app. by late/app. by /app. by ctricity and plumbing te/app. by	Foundation Slab by Rough-in plumbing a Heat & Air Duct C.O. Final date/app Pump pole date I Trailer	date/app. by date/app. by bove slab and below woo date/app. by date/app. by D. by Utility Po	Monolithic Sheathin d floor Peri. beam (Lin Culvert Pool date/app.	(footer/Slab) date/app. by g/Nailing
Under slab roug Framing Electrical roug Permanent powe M/H tie downs, Reconnection M/H Pole dat BUILDING PE	date/app. h-in date/app. date date	date/app. by g date/app. by late/app. by /app. by ctricity and plumbing te/app. by Trave	Foundation Slab by Rough-in plumbing a Heat & Air Duct C.O. Final date/app Pump pole date Trailer CERTIFICATION FE	date/app. by date/app. by bove slab and below woo date/app. by date/app. by Utility Po	Monolithic Sheathin d floor Peri. beam (Lin Culvert Pool date/app. Re-roof SURCHARG	date/app. by g/Nailing
Under slab roug Framing Electrical roug Permanent powe M/H tie downs, Reconnection M/H Pole dat	date/app. h-in date/app. date date	date/app. by g date/app. by late/app. by /app. by ctricity and plumbing te/app. by Trave	Foundation Slab by Rough-in plumbing a Heat & Air Duct C.O. Final date/app Pump pole date Trailer CERTIFICATION FE	date/app. by date/app. by bove slab and below woo date/app. by date/app. by Utility Po	Monolithic Sheathin d floor Peri. beam (Lin Culvert Pool date/app. Re-roof SURCHARG	date/app. by g/Nailing
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Under slab roug Framing Electrical roug Permanent powe M/H tie downs, Reconnection M/H Pole dat BUILDING PE MISC. FEES \$	date/app. h-in date/app. blocking, electer date date te/app. by RMIT FEE \$.00	date/app. by g date/app. by late/app. by /app. by ctricity and plumbing te/app. by Travel	Foundation Slab by Rough-in plumbing a Heat & Air Duct C.O. Final date/app Pump pole date I Trailer CERTIFICATION FE	date/app. by date/app. by bove slab and below woo date/app. by date/app. by Utility Po date/app. by EE\$ 9.34 FIRE FEE\$00	Monolithic Sheathin d floor Peri. beam (Lin Culvert Pool date/app. Re-roof SURCHARG	date/app. by g/Nailing

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA COUNTY OF COLUMBIA

SUSAN ANN FAIR MY COMMISSION # DD 342845 EXPIRES: August 14, 2008 Conded Thru No

207

Sworn to (or affirmed) and subscr 17 4 day of

Personally known | or Produced Identification

Contractors License Number_ Competency Card Number_

Sigan Ulun

NOTARY STAMP/SEAL

Notice of Intent for Preventative Treatment for Termites (As required by Florida Building Code 104.2.6)

Date:

(Address of Treatment or Lot/Block of Treatment)

2

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

directions as stated in the Florida Building Code Section 1861.1.8 Bora-Care Termiticide application shall be applied according to EPA registered label Application will be performed onto structural wood at dried-in stage of construction.

(Information to be provided to local building code offices prior to concrete foundation installation.)

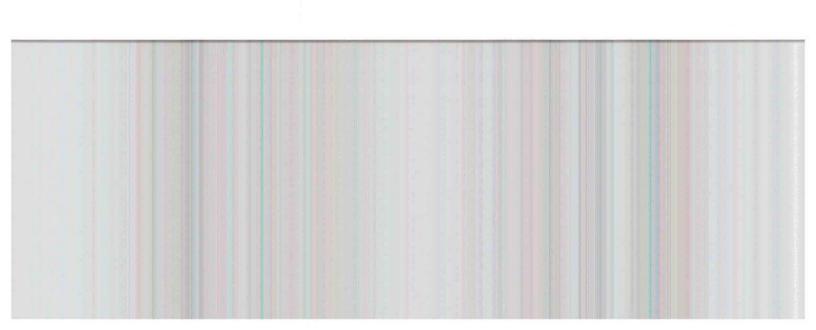
6/04 0

STATE OF FLORIDA DEPARTMENT OF HEALTH

	Permit Application	Number 05-11371
	PART II - SITEPLAN	
ale: 1 inch = 50 feet.		8 ₁
aic. Tillon = 55 755.		
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otes:		
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ite Plan submitted by:	de 1 1	MASTER CONTRACTOR
lan Approved	Not Approved	Date_0CT : 4 :005
* (YOUN)	COLUMBIA	County Health Departme

DH 4015, 10/96 (Replaces HRS-H Form 4016 which may be used) (Stock Number: 5744-002-4015-6)

Page 2 of 4



* - 7 3

PREPARED BY AND RETURN TO:

TERRY MCDAVID POST OFFICE BOX 1328 LAKE CITY, FL 32056 32056-1328 Inst:2005026450 Date:10/24/2005 Time:13:06 Doc_Stamp-Deed : DC,P.1 3628.80 DC, P. DeWitt Cason, Columbia County B: 1062 P:2214

Property Appraiser's 02438-000 Identification Number 02421-000

TM File No: 05-652

WARRANTY DEED

This Warranty Deed, made this day of October, 2005, BETWEEN D D P CORPORATION, a Florida corporation, whose post office address is 4158 US Highway 90 West, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantor, and CORNERSTONE DEVELOPERS, LLC, a Florida Limited Liability Company, whose post office address is P.O. Box 815, Lake City, Florida 32056, grantee. 32056, grantee.

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), 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 and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lots 65,66,67,68,71,72,73,74,93,94,95,96,97 & 98, Emerald Cove, Phase 1, a subdivision according to the plat thereof recorded in Plat Book 8, Pages 35-36, public records, Columbia County, Florida.

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 subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein. forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

D D P CORPORATION

BY:

(SEAL)

Daughtry, III, O. P. President

(Corporate Seal)

KAROW KITTE

(Typed Name of Second Witness)

STATE OF FLORIDA COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this day of October, 2005, by O. P. Daughtry, III, President of D D P Corporation, a Florida corporation, on behalf of said corporation, who is/are personally known to me or who has/have produced _____ as identification and who did not take an oath. 8

My Commission Expires:

n Wrest Notary Public Printed, typed, or stamped name:



Inst:2005026450 Date:10/24/2005 Time:13:06 Doc Stamp-Deed: 3628.80 DC,P.DeWitt Cason,Columbia County B:1062 P:2215

4

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL OWNERS

June 12, 2002

3867557022

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram tank is used then we will install a cycle stop yalve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank, you,

Donald D. Hall

DDH/jk

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	TheVictoriaModel511011	Builder:
Address:	Lot: 73, Sub: Emerald Cove, Plat:	Permitting Office: (

City, State: Lake City, FL Owner: Model Home

Climate Zone: North

Builder: Bryan Zecher
Permitting Office: Colum Bi A
Permit Number: 23915
Jurisdiction Number: 221000

1.	New construction or existing	New	_	12. Cooling systems		
2.	Single family or multi-family	Single family	_	a. Central Unit	Cap: 28.0 kBtu/hr	
3.	Number of units, if multi-family	1		Code Charles Manager Manager Code	SEER: 10.00	
4.	Number of Bedrooms	4		b. N/A		
5.	Is this a worst case?	Yes		\$40,000,000,0000		
6.	Conditioned floor area (ft²)	1430 ft ²		c. N/A		
7.	Glass type 1 and area: (Label reqd. by 13-104.4.:	if not default)		3930-75039(3007)		
a.	U-factor: Descri	ption Area		13. Heating systems		
	(or Single or Double DEFAULT) 7a. (Dble De			a. Electric Heat Pump	Cap: 28.0 kBtu/hr	
b.	SHGC:		-	•	HSPF: 7.00	
	(or Clear or Tint DEFAULT) 7b.	Clear) 61.0 ft ²		b. N/A		_
8.	Floor types	01.011	_	(0.00 - 0.		_
a.	Slab-On-Grade Edge Insulation R	=0.0, 206.0(p) ft		c. N/A		
b.	N/A	,				_
c.	N/A		_	14. Hot water systems		_
9.	Wall types		_	a. Electric Resistance	Cap: 40.0 gallons	
a.		R=13.0, 348.0 ft ²			EF: 0.92	_
1007	기가 있다면 어느리를 하는 것은 아들이가 있는 것이 없었다.	=13.0, 1109.0 ft ²	-	b. N/A		_
	N/A		_			_
d.	N/A		_	c. Conservation credits		_
e.	N/A		_	(HR-Heat recovery, Solar		
10.	Ceiling types			DHP-Dedicated heat pump)		
		=30.0, 1460.0 ft ²	_	15. HVAC credits		
b.	N/A			(CF-Ceiling fan, CV-Cross ventilation,		_
c.	N/A			HF-Whole house fan,		
	Ducts		_	PT-Programmable Thermostat,		
100		R=6.0, 140.0 ft	_	MZ-C-Multizone cooling,		
500 50	N/A			MZ-H-Multizone heating)		
	2,100		_			
				0		

Glass/Floor Area: 0.08

Total as-built points: 25106 Total base points: 26137

DATE:

PASS

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

PREPARED BY:

DATE:

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

OWNER/AGENT:

DATE:

I 1 - 17 - 05

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:

COD WE TRUST

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCSB v4.0)

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 73, Sub: Emerald Cove, Plat: , Lake City, FL, PERMIT #:

BASE		AS-	BU	LT				
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	* P. A.	Overhang rnt Len		Area X	SP	мх	SOF	= Points
.18 1430.0 20.04 5158.3	Double, Clear	W 1.5 W 1.5 W 1.5 S 1.5 S 1.5 E 4.5	1.5 5.5 7.5 1.5 5.5 5.5	3.0 45.0 20.0 3.0 15.0 30.0	38. 38. 35. 35. 42.	52 52 87 87	0.53 0.90 0.95 0.52 0.83 0.57	61.3 1554.9 731.3 56.0 447.7 714.6
4	As-Built Total:			116.0				3565.8
WALL TYPES Area X BSPM = Points	Туре	R-	Value	Area	X	SPN	1 =	Points
Adjacent 348.0 0.70 243.6 Exterior 1109.0 1.70 1885.3	Frame, Wood, Adjacent Frame, Wood, Exterior		13.0 13.0	348.0 1109.0		0.60 1.50		208.8 1663.5
Base Total: 1457.0 2128.9	As-Built Total:			1457.0				1872.3
DOOR TYPES Area X BSPM = Points	Туре			Area	X	SPM	=	Points
Adjacent 20.0 2.40 48.0 Exterior 40.0 6.10 244.0	Exterior Insulated Exterior Insulated Adjacent Insulated			20.0 20.0 20.0		4.10 4.10 1.60		82.0 82.0 32.0
Base Total: 60.0 292.0	As-Built Total:			60.0				196.0
CEILING TYPES Area X BSPM = Points	Туре	R-Valu	e A	Area X S	SPM	X SC	M =	Points
Under Attic 1430.0 1.73 2473.9	Under Attic		30.0	1460.0	1.73	X 1.00		2525.8
Base Total: 1430.0 2473.9	As-Built Total:			1460.0				2525.8
FLOOR TYPES Area X BSPM = Points	Туре	R-1	√alue	Area	X	SPM	=	Points
Slab 206.0(p) -37.0 -7622.0 Raised 0.0 0.00 0.0	Slab-On-Grade Edge Insulation		0.0	206.0(p		-41.20		-8487.2
Base Total: -7622.0	As-Built Total:			206.0				-8487.2
INFILTRATION Area X BSPM = Points				Area	X	SPM	=	Points
1430.0 10.21 14600.3				1430.0)	10.21		14600.3

EnergyGauge® DCA Form 600A-2004

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 73, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

	BASE		AS-BUILT									
Summer Ba	se Points:	17031.4	Summer As	1	14273.0							
Total Summer Points	X System Multiplier	= Cooling Points	Total X Component (System - Point	Cap Ratio		er	Multiplier			Cooling Points		
17031.4	0.4266	7265.6	(sys 1: Central Uni 14273 14273.0	1.00 1.00	(1.09 x 1.147)	(1.00		nc(R),Gar(AH),R 1.000 1.000	V 1.0 C P V 1.0 C C C	s) 6090.3 6090.3		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 73, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

	BASE					AS-	BU	LT				
GLASS TYPES .18 X Condition Floor Ar	ned X B	WPM =	Points	Type/SC (Ove Ornt	rhang Len		Area X	WF	× M	WOF	= Point
.18 1430.	.0	12.74	3279.3	Double, Clear	W	1.5	1.5	3.0	20.	73	1.17	72.6
				Double, Clear	W	1.5	5.5	45.0	20.7	73	1.03	959.0
				Double, Clear	W	1.5	7.5	20.0	20.7	73	1.01	420.2
				Double, Clear	S	1.5	1.5	3.0	13.3		2.73	109.0
l .				Double, Clear	S	1.5	5.5	15.0	13.3		1.15	228.8
				Double, Clear	Е	4.5	5.5	30.0	18.7	79	1.23	696.0
				As-Built Total:				116.0				2485.5
WALL TYPES	Area X	BWPM	= Points	Туре		R-\	/alue	Area	X	WPM	-	Points
Adjacent	348.0	3.60	1252.8	Frame, Wood, Adjacent			13.0	348.0		3.30	7	1148.4
Exterior	1109.0	3.70	4103.3	Frame, Wood, Exterior			13.0	1109.0		3.40		3770.6
Base Total:	1457.0		5356.1	As-Built Total:				1457.0				4919.0
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	X	WPM	=	Points
Adjacent	20.0	11.50	230.0	Exterior Insulated				20.0		8.40		168.0
Exterior	40.0	12.30	492.0	Exterior Insulated				20.0		8.40		168.0
				Adjacent Insulated				20.0		8.00		160.0
Base Total:	60.0		722.0	As-Built Total:				60.0				496.0
CEILING TYPE	SArea X	BWPM	= Points	Туре	R-	Value	Ar	ea X WI	PM :	x wc	M =	Points
Under Attic	1430.0	2.05	2931.5	Under Attic		8	30.0	1460.0	2.05)	X 1.00		2993.0
Base Total:	1430.0		2931.5	As-Built Total:				1460.0				2993.0
FLOOR TYPES	Area X	BWPM	= Points	Туре		R-V	/alue	Area	X	WPM	=	Points
agence with the second	206.0(p)	8.9	1833.4	Slab-On-Grade Edge Insulation			0.0	206.0(p		18.80		3872.8
Raised	0.0	0.00	0.0	20								- 1
Base Total:			1833.4	As-Built Total:				206.0				3872.8
INFILTRATION	Area X	BWPM	= Points					Area 2	X '	WPM	=	Points
	1430.0	-0.59	-843.7					1430.0)	-0.59		-843.7

EnergyGauge® DCA Form 600A-2004

WINTER CALCULATIONS

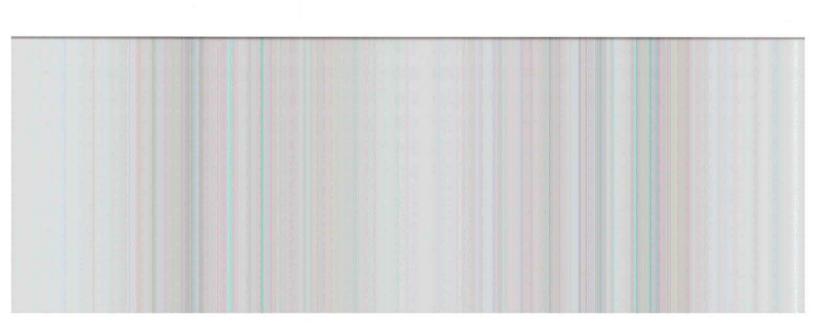
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 73, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

	BASE		AS-BUILT									
Winter Base	Points:	13278.6	Winter As-Built Points: 13922.6									
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)									
13278.6	0.6274	8331.0	(sys 1: Electric Heat Pump 28000 btuh ,EFF(7.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 13922.6 1.000 (1.069 x 1.169 x 1.00) 0.487 1.000 8475.6 13922.6 1.000 1.250 0.487 1.000 8475.6									

EnergyGauge™ DCA Form 600A-2004



WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 73, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

	В	BASE		AS-BUILT							
WATER HEA Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	Х	Tank X Ratio	Multiplier X	Credit Multipl	
4		2635.00	10540.0	40.0	0.92	4		1.00	2635.00	1.00	10540.0
				As-Built To	tal:						10540.0

	CODE COMPLIANCE STATUS												
BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
7266		8331		10540		26137	6090		8476		10540		25106

PASS



EnergyGauge™ DCA Form 600A-2004

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 73, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606,1.ABC,1,1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	02011
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall;	
		foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility	
		penetrations; between wall panels & top/bottom plates; between walls and floor.	
		EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends	
		from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members.	
		EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed	
		to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases,	
		soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate;	
		attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is	
		installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a	
		sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from	
		conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA,	
		have combustion air.	

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit	
		breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools	
		must have a pump timer. Gas spa & pool heaters must have a minimum thermal	
		efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically	
		attached, sealed, insulated, and installed in accordance with the criteria of Section 610.	
		Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides.	
		Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.4

The higher the score, the more efficient the home.

Model Home, Lot: 73, Sub: Emerald Cove, Plat: , Lake City, FL,

1.	New construction or existing	Nev	N	12.	Cooling systems	
2.	Single family or multi-family	Single famil	у	a.	Central Unit	Cap: 28.0 kBtu/hr
3.	Number of units, if multi-family		1			SEER: 10.00
4.	Number of Bedrooms	14	4	b.	N/A	
5.	Is this a worst case?	Ye	s			-
6.	Conditioned floor area (ft²)	1430 f	2	C.	N/A	-
7.	Glass type 1 and area: (Label reqd. by	13-104.4.5 if not default)				
a	U-factor:	Description Area		13.	Heating systems	-
b	(or Single or Double DEFAULT) 78 SHGC:	1. (Dble Default) 61.0 ft ²	_		Electric Heat Pump	Cap: 28.0 kBtu/hr _ HSPF: 7.00
8.	(or Clear or Tint DEFAULT) 7 Floor types	b. (Clear) 61.0 ft ²	-	b.	N/A	
	Slab-On-Grade Edge Insulation N/A	R=0.0, 206.0(p) i	ì —	c.	N/A	× =
C.	N/A			14.	Hot water systems	_
9.	Wall types				Electric Resistance	Cap: 40.0 gallons
a.	Frame, Wood, Adjacent	R=13.0, 348.0 ft	2			EF: 0.92
b.	Frame, Wood, Exterior	R=13.0, 1109.0 ft	2 —	b.	N/A	
C.	N/A		_			_
d.	N/A			c.	Conservation credits	_
e.	N/A				(HR-Heat recovery, Solar	·-
10.	Ceiling types				DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0, 1460.0 ft	2	15.	HVAC credits	
b.	N/A				(CF-Ceiling fan, CV-Cross ventilation,	-
C.	N/A		EC. 15:		HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 140.0 f	t		MZ-C-Multizone cooling,	
b.	N/A	(8) C	_		MZ-H-Multizone heating)	

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

Builder Signature:

Date: //-17-05

Address of New Home: 203 SW TIMBERLAND City/FL Zip: LAKE CITY

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

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCSB v4.0)



BUILDING INPUT SUMMARY REPORT

PROJECT	Title: TheVictoriaModel511011 Family Type: Owner: Model Home New/Existing # of Units: 1 Bedrooms: Builder Name: Bryan Zecher Conditioned Climate: North Total Stories Permit Office: (blank) Worst Case: Jurisdiction #: (blank) Rotate Angle	: Area: :	Single Address Type: Lot Information New Lot #: 73 4 Subdivision: Emerald Cove 1430 Platbook: (blank) 1 Street: N/A Yes County: (blank) (blank) City, St, Zip: Lake City, FL,
FLOORS	# Floor Type R-Val Area/Perimeter Units 1 Slab-On-Grade Edge Insulation 0.0 206.0(p) ft 1	DOORS	# Door Type Orientation Area Units 1 Insulated Exterior 10.0 ft ² 2 2 Insulated Exterior 20.0 ft ² 1 3 Insulated Adjacent 20.0 ft ² 1
CEILINGS	# Ceiling Type R-Val Area Base Area Units 1 Under Attic 30.0 1460.0 ft² 1430.0 ft² 1	COOLING	# System Type Efficiency Capacity 1 Central Unit SEER: 10.00 28.0 kBtu/hr
WALLS	# Wall Type Location R-Val Area Units 1 Frame - Wood Adjacent 13.0 348.0 ft ² 1 2 Frame - Wood Exterior 13.0 1109.0 ft ² 1	HEATING	# System Type Efficiency Capacity 1 Electric Heat Pump COP: 7.00 28.0 kBtu/hr Credit Multipliers: None
	# Panes Tint Ornt Area OH Length OH Hght Unit 1 Double Clear N 3.0 ft2 1.5 ft 1.5 ft 1 2 Double Clear N 15.0 ft2 1.5 ft 5.5 ft 3 3 Double Clear N 10.0 ft2 1.5 ft 7.5 ft 2 4 Double Clear W 3.0 ft2 1.5 ft 1.5 ft 1 5 Double Clear W 15.0 ft2 1.5 ft 5.5 ft 1	DUCTS	# Supply Return Location Location Location R-Val Supply Length 1 Uncond. Uncond. Garage 6.0 140.0 ft Credit Multipliers: None
	6 Double Clear S 15.0 ft ² 4.5 ft 5.5 ft 2	WATER	# System Type EF Cap. Conservation Type Con. EF 1 Electric Resistance 0.92 40.0 None 0.00
WINDOWS		REFR.	# Use Default? Annual Operating Cost Electric Rate 1 Yes N/A N/A
•			

EnergyGauge® (Version: FLRCSB v4.0)

Columbia County Building Department Culvert Permit

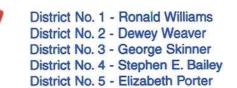
Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Culvert Permit No. 000000903

PPLICANT SUSAN	N FAIR		PHONE	752-1711	
DDRESS 180 1	NW AMENITY COURT	<u> </u>	LAKE CITY	F	L 32055
WNER CORNERS	TONE DEVELOPERS		PHONE	752-1711	
DDRESS 203 SY	W TIMBERLAND COURT	*	LAKE CITY	I	FL 32055
ONTRACTOR BRY	AN ZECHER	120	PHONE	752-8653	
OCATION OF PROI	PERTY 90W, TL ON HEA	ATHRIDGE COURT	, TR ON TIMBER	LAND, 4TH LOT	ON LEFT
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JBDIVISION/LOT/I	BLOCK/PHASE/UNIT	EMERALD COVE		73	1
	0				
GNATURE	Sugan Fair		n I ga	.1	i i
INST	TALLATION REQUIR	EMENTS			
	ert size will be 18 inches		a total lenght o	f 32 feet leavi	ng 24 feet of
drivi	ng surface. Both ends will reinforced concrete slab.	ll be mitered 4 fo			
a) a b) t T c	TALLATION NOTE: Turn a majority of the current at the driveway to be served furnouts shall be concrete concrete or paved drivewar current and existing paved	and existing drive I will be paved or or paved a mining, whichever is g	way turnouts a formed with conum of 12 feet reater. The wide	re paved, or; oncrete. wide or the wi	dth of the
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BOARD OF COUNTY COMMISSIONERS . COLUMBIA COUNTY

MEMORANDUM

TO:

Laurie Hodson, Office Manager

FROM:

ssistant County Manager Lisa K.B. Roberts

DATE:

January 8, 2007

SUBJECT:

Fee Refund

Please be advised that the Columbia County Board of County Commissioners, in regular session held January 4, 2007, approved a permit fee refund to Bryan Zecher of Cornerstone Developers (Permit # 23915) in the amount of \$403.68.

The approval was granted as the property owner had not begun clearing or construction on the lot and the original purchaser cancelled the contract. Further the property has been resold and a new application has been applied for.

By copy of this memorandum, Accounting is requested to cut a check in the amount of \$403.68 payable to Bryan Zecher of Cornerstone Developers, LLC, 180 NW Amenity Court, Lake City, FL. 32055.

XC: John Kerce, Building & Zoning Director Brian Kepner, County Planner Outgoing Correspondence

> BOARD MEETS FIRST THURSDAY AT 7:00 P.M. AND THIRD THURSDAY AT 7:00 P.M.

P. O. BOX 1529

LAKE CITY, FLORIDA 32056-1529

PHONE (386) 755-4100

District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - George Skinner
District No. 4 - Stephen E. Bailey
District No. 5 - Elizabeth Porter



BOARD OF COUNTY COMMISSIONERS . COLUMBIA COUNTY

December 29, 2006

TO: Columbia County Board of County Commissioners

FR: Laurie Hodson, Building & Zoning Office Manager

RE: Permit refund

A refund of \$403.68, the permit fee, is requested for Bryan Zecher of Cornerstone Developers. Permit 23915 was originally pulled on November 30, 2005. The Building Department has done no inspections reference to this permit. Please see the attached letter of explanation from contractor.

Fee paid by check # 1257, for a total amount of \$478.68, receipt # 23915. Only \$403.68 of the permit fees are refundable. This is not including the flood zone fee and the zoning fee for a total of \$75.00, which is work the Building Department staff has performed in reference to the permit.

The fee was deposited into account: MSBU - Permits - 322.100

Payable to: Bryan Zecher of Cornerstone Developers, LLC. 180 NW Amenity Court Lake City, FL 32055 386-752-5613

XC: Lisa Roberts Permit file

> BOARD MEETS FIRST THURSDAY AT 7 00 PM AND THIRD THURSDAY AT 7:00 PM

P. O. BOX 1529

LAKE CITY, FLORIDA 32056-1529

PHONE (386) 755-4100

CORNERSTONE DEVELOPERS, LLC 180 NW AMENITY COURT LAKE CITY, FLORIDA 32055 (386) 752-1711 Fax (386) 752-5613

July 14, 2006

Columbia County Building & Zoning Department 135 NE Hernando Avenue, Suite B-21 Lake City, FL 32055

> Re: Lot 73, Emerald Cove 203 SW Timberland Court, Lake City, FL Permit No. 23915

Ladies and Gentlemen:

Several months ago we applied for an application on the above lot in Columbia County and received the above Permit Number. Attached is a copy of the Building Permit.

Please be advised that we have not started construction on this lot – the lot hasn't even been cleared to date. The original purchaser cancelled their contract and we have recently resold the lot and have turned in a new application No. 0607-26.

Please refund our original permit fee which we paid. If you have any questions, please feel free to contact me.

Sincerely,

Bryan Zecher



Cal-Tech Testing, Inc.

Engineering

ABORATORIES

Geotechnical

P.O. Box 1625 • Lake City, FL 32056-1625 6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257 Tel. (386) 755-3633 • Fax (386) 752-5456 Tel. (904) 262-4046 • Fax (904) 262-4047

Environmental

January 30, 2006

Cornerstone Developers, LLC 180 NW Amenity Court Lake City, Florida 32055

Attention:

Chris Cox

Reference:

Proposed Residences

Emerald Cove, Lots 93, 94, 95, 96 and 97

Columbia County, Florida Cal-Tech Project No. 06-069

Dear Mr. Cox,

Cal-Tech Testing, Inc. has completed an investigation and evaluation of lots 93, 94, 95, 96 and 97 of Emerald Cove in Columbia County, Florida. The purposes of our work were to evaluate the potential for flooding of a home to be constructed at each lot and to provide commendations for selecting finished floor elevations.

Based upon the U. S. Coast and Geodetic Survey marker "BP19" located near the intersection of U. S. 90 and Brown Road, the Friar and Associates survey marker located in the centerline of the street in front of lot 95 has an elevation of approximately 115.75 feet. Based upon this elevation, centerline elevations and proposed finished floor elevations for each proposed residence are provided in the following table. In every case the proposed finished floor elevation is below the adjacent centerline elevation.

	Lot Number	Centerline Elevation (ft)	Proposed Floor Elevation (ft)
	> 93	113.78	112.70
2391	5) 94	115.28	113.94
C2391	1) 95	115.75	114.99
2391	96	114.41	114.25
(0.21	97	112.24	112.10

Columbia County regulations require the finished floor of a new residence to be at least 12 inches above the elevation of the adjacent roadway unless it can be shown that such an elevation is not required to substantially reduce the likelihood of flooding.

Based upon the FEMA flood map for Columbia County, the drainage basin in which the proposed home sites are located is not a flood area; therefore, flooding of the proposed homes should not be expected if floors are constructed at the proposed

"Excellence in Engineering & Geoscience"

elevations. If for some reason however flooding did occur within this drainage basin, flooding to an elevation of 112 feet would produce flood depths on the order of 25 feet within portions of the basin. Flooding to this depth is highly unlikely.

It should be noted a relatively large, topographically isolated flood area is located approximately one-half mile south southeast of the building sites. The flood elevation for this area has not been determined by FEMA; however, based upon the area delineated by the flood map, this flood elevation is estimated to be about 112.0 feet. Although the basins are not connected, we recommend the flood elevation of 112 feet for the adjacent basin be used as a reference for the drainage basin being considered. Further, we recommend the finished floor for each new residence be located at an elevation at least 1 foot higher than the flood elevation in the adjacent basin or at or above elevation 113.0 feet.

Elevating the floor of the residence to 12 inches above the adjacent roadway should not be required for any of the five lots being considered; however, we recommend lots 93 and 97 be filled and/or additional blocks be used such that the finished floor elevations of these two residences be at least 113.0 feet.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be of further assistance.

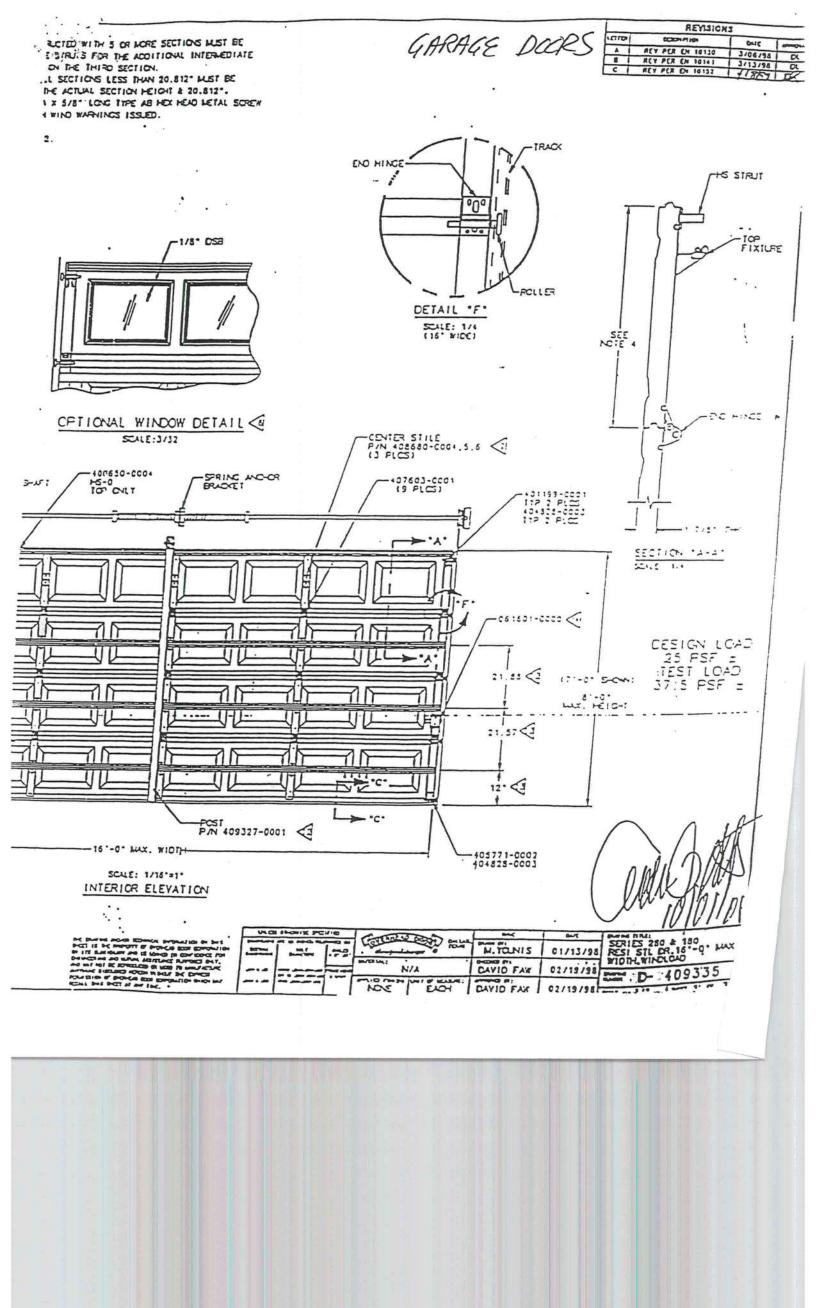
Respectfully submitted, Cal-Tech Testing, Inc.

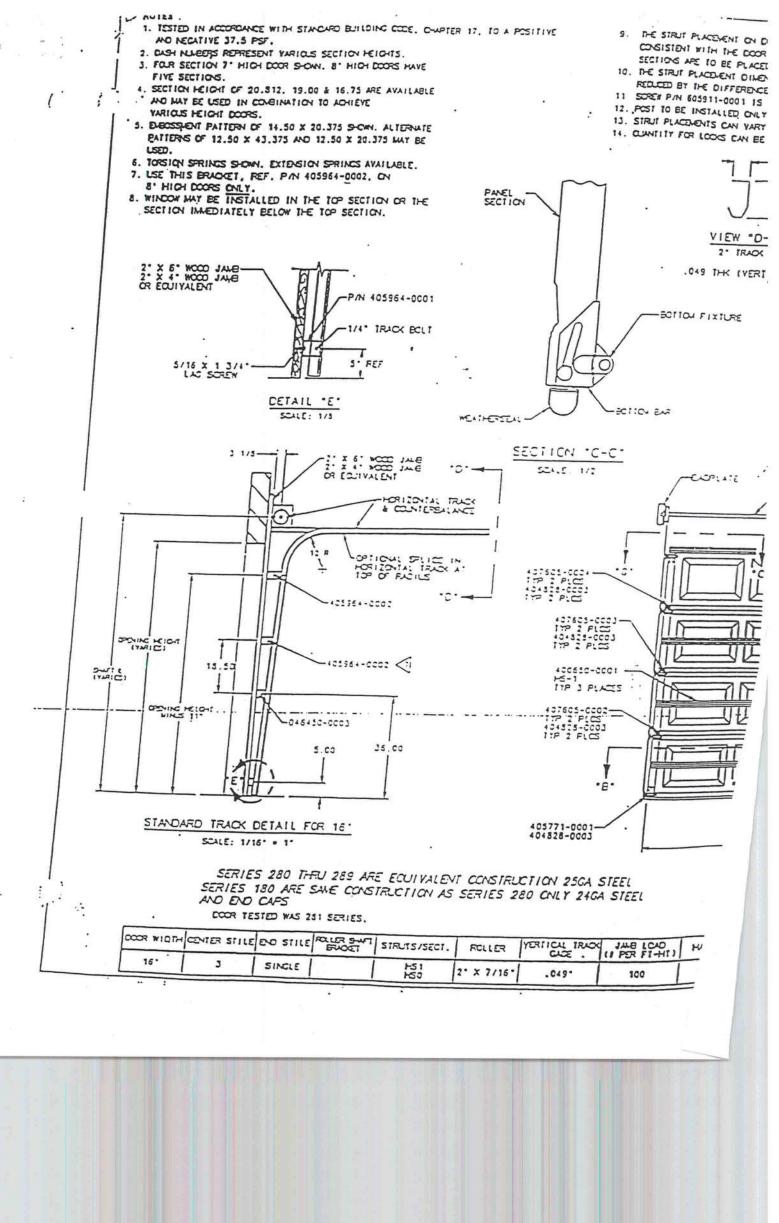
nda Creamer

Linda Creamer President / CEO John C. Dorman, Jr., Ph.D., P.E.

Geotechnical Engineer

526/2





SHINGLES



V2--25-2002 04:CSFS F-OD-ELK CORP OF ALABAM

March 6, 2002

Subject: Elk Product Approval Information

All Prestique@ and Capstone@ products manufactured in Tuscabosa, AL are certified under the Miami - Dade County Building Code Office (BCCO). These products also must the requirements for the Florida Building Code since they are MD approved. The following test protocols must be passed by each of the products in order for MD product ecrification:

ASTM D3462

PA 100 (110 migh uplift and wind driven rain resistance) PA 107 (Modified ASTM D3161 - 110 mph wind uplifi resistance)

The nailing patterns that were used during the PA 100 and PA 107 while test protected for the Prestique and Capstone products are listed below. Also Ested below are the Mann -Dace Notice of Acceptance Numbers (NOA)

Raised Prolle, Prestique High Defreiten, Prestique IS, or Prestique IS -

PA 100 - 4 reis

FA 107 = 5 neils

MD NOA# = 01-1226 04

Presinque ! 35 or Premique ! -

PA 100 = 4 mails

PA. 107 = 5 1235

MD NOA = 01-1226 CS

Prestique Plus or Prestique Gallery Collection" -

PA 100 = 4 mails

PA 107 = 4 5315

10 5151-10 = #AON @A

Capstone*

PA. 100 = 4 Nails

PA 107 = 4 Neils

MD NOA# = 01-0523.01

As per the Elk Limited Warranty, six ralls are required for the Elk high wind warranty

If there are any questions please contact:

Mike Reed - Technical Marzger c:

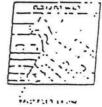
(205) 342-0287

Danie! Delamette - QA Ergineer

(205) 342-0293

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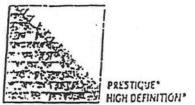
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SOUTHEAST & CORPORATE HEADQUARTEST. PLANT LOCATIONS
ATLANTIC OFFICE: STIBS 1732 80.0945.5545 x00.945.5551

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AAMA/NYVYDA 101/I.S.2-97 TEST REPORT SUMMARY

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650 Fin TYPE: Aluminum Single Hung Window

Title of Test	Results	
Rating 1	H-R40 52 x 72	
Overall Design Pressure	+45.0 psf -47.2 psf	
Operating Force	11 lb max.	
Air Infiltration	0.13 cfm/ft-	
Water Resistance	6.00 psf	
Structural Test Pressure	+67.5 psf -70.8 psf	
Deglazing	Passed	
Forced Entry Resistance	Grade 10	

Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test specimen for ARCHITECTURAL TESTING, INC.

Mark A. Hess, Technician

MAH:nlb

Caller 71, Recommendation

Mark A. Hess, Technician

MAH:nlb



AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to

MI HOME PRODUCTS, INC. 650 West Market Street P.O. Box 370 Gratz, Pennsylvania 17030-0370

Report No: 01-41134.01

Test Date:

03/07/02

Report Date:

03/26/02

Expiration Date:

03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AANANWWDA 101/I.S.2-97, Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.

Test Specimen Description

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/5" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced buryl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

130 Derry Court York, PA 17402-9405 phone: 717.764,7700 fax: 717.764,4129 www.archtest.com

aller Ti, Rum 1 APRIL 2002 STATE OF



Test Specimen Description: (Continued)

Weatherstripping:

Description	Quantity	Location
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	I Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed comers fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1 2" screws through the rails into each jamp screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed comers. The fiberglass mesh was secured with a flexible spline.

Hardware:

<u>Description</u>	Quantity	Location
Metal cam lock with keeper		Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail 19. 1124
** ***		TATE OF JUST
		1 ADAIL 2002 MANAGERIA



Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	II lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 c5m/ñ²	0.3 cfm/ft ³ max

Note #1: The tested specimen meets the performance levels specified in AAMANINDA 101/1.S. 2-97 for cir infiltration.

Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf No leakage No leakage 2.1.4.1 Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds) 0.42** @ 25.9 psf (positive) 0.26" max. : : @ 34.7 psf (negative) 0.43"* 0.26" max.

*Exceeds L/175 for deflection, but passes all other test requirements.

2.1.4.2 Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 38.9 psf (positive) 0.02"

@ 52.1 psf (negative) 0.02"

0.18" max. 0.18" max 11. Region Committee H. C. C.

He. 1337

1 PPRIL ZOEZ



Test Specimen Description: (Continued)

Paragrap	h Title of Test - Test Method	Results	Allowed	
2.2.1.6.2	Deglazing Test (ASTM E 987 In operating direction at 70 lbs			
	Meeting rail Bottom rail	0.12"/25% 0.12"/25%	0.50"/100% 0.50"/100%	
	In remaining direction at 50 lbs			
	Left stile Right stile	0.06"/12% 0.06"/12%	0.50"/100% 0.50"/100%	
	Forced Entry Resistance (ASTM F 588-97)			
	Type: A Grade: 10	*		
	Lock Manipulation Test	No entry	No entry	
	Tests Al through AS Test A7	No entry No entry	No entry No entry	
	Lock Manipulation Test	No entry	No entry	
Cotiona! Perf	ormance			
4.3	Water Resistance (ASTM E 547-00 (with and without screen))		
	WTP = 6.00 psf	No leakage	No leakage	
Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)				
	@ 45.0 psf (positive) @ 47.2 psf (negative)	0.47"* 0.46"*	0.26" max. 0.26" max.	

*Exceeds L/175 for deflection, but passes all other test requirements.

Uniform Load Structural (ASTM E 330-97)
(Measurements reported were taken on the meeting rail)

(Loads were held for 10 seconds)

@ 67.5 psf (positive) @ 70.8 psf (negative)

0.05" 0.05" 0.18 max (187) 0.18" max. K. 183

all M. Rem



Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC:

Mark A. Hess Technician

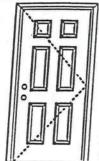
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Allen N. Reeves, P.E.
Director - Engineering Services
/ APRIL 2002



WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note: Units of other sizes are covered by this report as long as the panel used does not exceed 3.0° x 6.8°.

Single Door

+66.0/-66.0

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Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

The a post providious result is used introduced in a result present the succession of the analysis of the present in the result is a result of the succession of the successio

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MATCOTH-CO

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see Michiganophics

APPROVED DOOR STYLES:



























1



June 17, 2002 Our community propose of product improvement makes specifications, beings and preduct broad specified to drawing extract register



WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH MIAMI-DADE BCCO PACO1, PAZO2 & PAZO3

COMPANY HAME

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Fiorida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer Kurt Balthazor, P.E. – License Number 56533 H

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Johnson EntrySystems

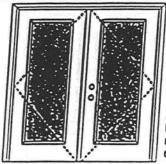
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Masonite International Corporation



WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:





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Note: Units of other sizes are covered by this report as long as the panels used do not exceed 3.0° x 6.8°.

Conpie Door

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Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED

At a step primarize equipment that there is a contact the option of the property of the property of (1,2,3) is a set (2,3) and (3,3) and (3,3)

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been toxicised – see MAD-MU MADDOZ 60 and MAD-WU-MADCO41-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been to to kep - see MIC-MI-MADDOC DO

APPROVED DOOR STYLES: 1/4 GLASS:











1/2 GLASS:

















1

*Thus grass but may also be used in the following oper styles: 5-paner, 5-paner with scred; Eyeprow 5-paner, Eyeprow 5-paner with scred.



True 17, 2002 On communications of product infrontiers which increasing their has product for a resid to charge officer series



WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES: 3/4 GLASS:

















CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12, NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Ponney, P.E. / 16253

Unit Tested in Accordance with Miami-Dade ECCO PAZO2.

Evaluation report NCTL-210-2794-1

Door panels constructed from 25-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel Interior cavity of stab filled with rigid polyurethane foam core. Stab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH MIAMI-DADE BCCO PACOS

SMPANY NAME

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer Kurt Balthazor, P.E. – License Number 56533

Test Otto Review Cerulatie /3075447A and CEP/Test Report Variation Mains /3025447A-001 provides appinous information - available from the ITS-WH website (www.ethienae.com), the Maisonite terbrist (www.ethisonite.com) for the Maisonite Inchmist conter.

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Johnson EntrySystems

June 17, 2002 On command program of product incommence music considerations, programs product on a survival of cutting victimal mass; PRENDORATION Masonite International Corporation

GARAGE HEADER

26F_h - 1.9E

Anthony Power Header°

ENGINEERED WOOD SECTION PROPERTIES AND LOAD CAPACITIES

ALLOWABLE DESIGN STRESSES (PSI):

FLEXURAL STRESS (Fb) = COMPRESSION PERP. TO GRAIN (Fc1) =

740 225

2600

HORIZONTAL SHEAR (F.) = MODULUS OF ELASTICITY (MOE) =

1.9 x 10

A PARTY OF THE PAR	51	والأعلامين	MODUL	NO AVAILA	dell'altre	er alphanette in	P
PARTICIPATION (STATES)						4	100
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Printing the national control	- 8865	12015	15996	5892	6533	7175	7817
Same and Street and a service	3908	4550	5250	3032	8555		

NOTES:

Beam weights are based on 38 pcf.

2. Moment capacities are based on a span of 21 feet and must be modified for other spans. 3. Flexural Stress, Fb., shall be modified by the Volume Factor, C., as outlined in ATC 117 - Design 1993 and the NDS for Wood Construction 1997.

4. Allowable design properties and load capacities are based on a load duration of 100 percent and dry use conditions.

5. The AITC NER 466 was used in calculating the above allowable design stresses for Power Header.

GARAGE HEADER COMPARISONS

(U)						
		100	3.1/2° x 9.5/8°	2-1/2" x 9" .	3-1/2" x 9-1/c"	3-1/2" x 11-1/4"
	810/540	3-1/2° x 8-3/8°		3-1/2" x 10-1/2"	3-1/2° = 9-1/4°	3-1/2" x 11-1/4"
	990/720 .	3-1/2° x 9-3/4° .	3-1/2" x 9-5/3"		3-1/2° x 14°	3-1/2" x 14"*
	6-10 / 400	3-1/2" x 12-5/3"	3-1/2" x 13-3/4"	3-1/2° x 13-1/2°		3.1/2" x 16"
		3-1/2° x 14°	3.1/2" x 15-1/8"	3-1/2° x 15°	3-1/2° x 14°	
- C	765/510			3-1/2' x 16-1/2'	3-1/2° x 16°	3-1/2' x 18"
	750/480	3-1/2" x 15-3/8"	3.1/2" x 16-1/2"		3-1/2" x 16"	_
3	900 / 600	3-1/2" x 16-3/4"	3-1/2" x 17-7/8"	3-1/2" x 18"	3-1/2 X 10	

For more information on Power Header®, or other laminated structural products from Anthony Forest Products Company please call 1-800-221-2326 or FAX at 870-862-6502.

Power Headen is a trademark of

Anthony Forest Products Company

Post Office Box 1877 • El Dorado, Arkensas 71731 Internet address: http://www.anthanyforest.com e-mail: info@anthonyforest.com

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11960 Wast Beaver Stre Jacksonville, Florida 32220

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Hood ord Plyword Inc

Jan. 11. 2005 4:43PM ** TOTAL PAGE. 02 **

Anthony Power Header°

3-1/2" WIDTH GARAGE HEADER PLF CAPACITY

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NOTES:

- Values shown are the maximum uniform loads in pounds per lineal foot (PLF) that can be applied to the header. Header weight has
- Tables are based on simple span uniform load conditions using a design span equal to the center-to-center of bearing. Non-shaded areas are based on 3° of bearing at each support, shaded areas on 4.5° of bearing, and shaded & outlined areas on 6° of bearing at
- 3. Headers are assumed to be loaded on the top edge with continuous lateral support along compression edge.
- 4. When no live load is listed, total load controls.
- Deflection limits are listed within the PLF table heading.

GARAGE HEADER SIZING USING PLF TABLES:

To size a garage header supporting roof only, determine the total load & live load in pounds per lineal foot (PLF). Check the appropriate PLF table for a header supporting roof loads only (125% Non-Snow vs. 115% Snow) and select a member with a total load and live load capacity which meets or exceeds the design load for the rough opening size. For a garage header supporting roof, wall, and floor framing determine the total load and live load in pounds per lineal foot (PLF). Select a header size from the roof, wall, and floor table (100% load determine the total load and live load in pounds per lineal foot (PLF). Select a header size from the roof, wall, and floor table (100% load duration) which has a small load and live load and continuously the load and live load duration) which has a total load and live load capacity equal to or greater than the design load for the appropriate rough opening.

Jan. 11. 2005 4:43PM Wood-ord Plywood Inc

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Residential System Sizing Calculation

Model Home

Lake City, FL

Summary
Project Title:
TheVictoriaModel511011

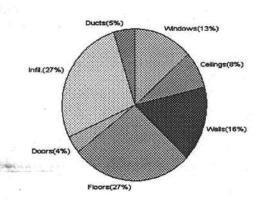
Class 3 Rating Registration No. 0 Climate: North

				11/16/2005	
Location for weather data: Gaines Humidity data: Interior RH (50%)					4
Winter design temperature	. 31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	24321	Btuh	Total cooling load calculation	21361	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	115.1	28000	Sensible (SHR = 0.75)	136.9	21000
Heat Pump + Auxiliary(0.0kW)	115.1	28000	Latent	116.3	7000
	See Land		Total (Electric Heat Pump)	131.1	28000

WINTER CALCULATIONS

Winter Heating Load (for 1430 sqft)

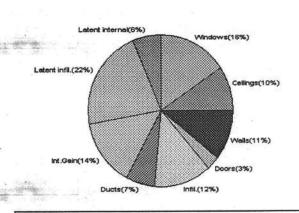
Load component	April 1		Load	Test.
Window total	116	sqft	3283	Btuh
Wall total	1457	sqft	3995	Btuh
Door total	60	sqft	921	Btuh
Ceiling total	1460	sqft	1898	Btuh
Floor total	206	ft	6510	Btuh
Infiltration	153	cfm	6557	Btuh
Subtotal	produce incorne	-	23163	Btuh
Duct loss			1158	Btuh
TOTAL HEAT LOS	S		24321	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1430 sqft)

Load component			Load	
Window total	116	sqft	3328	Btuh
Wall total	1457	sqft	2292	Btuh
Door total	60	sqft	608	Btuh
Ceiling total	1460	sqft	2073	Btuh
Floor total			0	Btuh
Infiltration	134	cfm	2648	Btuh
Internal gain			3000	Btuh
Subtotal(sensible)			13949	Btuh
Duct gain			1395	Btuh
Total sensible gain		BES.	15343	Btuh
Latent gain(infiltration)		- 101	4638	Btuh
Latent gain(internal)		- 1	1380	Btuh
Total latent gain			6018	Btuh
TOTAL HEAT GAIN		5	21361	Btuh



EnergyGauge® System Sizing based on ACCA Manual J. PREPARED, BY:

System Sizing Calculations - Winter

Residential Load - Component Details

Model Home

Project Title: TheVictoriaModel511011

Class 3 Rating Registration No. 0 Climate: North

Lake City, FL

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

11/16/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	3.0	28.3	85 Btuh
2	2, Clear, Metal, DEF	N N	45.0	28.3	1274 Btuh
2	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
4	2, Clear, Metal, DEF	W	3.0	28.3	85 Btuh
4 5 6	2, Clear, Metal, DEF	W	15.0	28.3	424 Btuh
6	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
35	mental and at the sale	NAME OF STREET		2 2	
	Window Total		116		3283 Btuh
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Adjacent	13.0	348	1.6	557 Btuh
2	Frame - Exterior	13.0	1109	3.1	3438 Btuh
	Wall Total		1457		3995 Btuh
Doors	Туре	4.7	Area X	HTM=	Load
1	Insulated - Exter		20	18.3	367 Btuh
2	Insulated - Exter	Vinter Trevenier	20	18.3	367 Btuh
3	Insulated - Adjac		20	9.4	188 Btuh
	Door Total		60	1 10 2	921Btuh
Ceilings	Туре	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1460	1.3	1898 Btuh
	Ceiling Total		1460		1898Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Ins	sul 0	206.0 ft(p)	31.6	6510 Btuh
	Floor Total		206		6510 Btuh
Infiltration	Туре	ACH X	Building Volume	CFM=	Load
	Natural	0.80	11440(sqft)	153	6557 Btuh
	Mechanical			.0	0 Btuh
	Infiltration Total	7 7	6.1	153	6557 Btuh

	Subtotal	23163 Btuh
Totals for Heating	Duct Loss(using duct multiplier of 0.05)	1158 Btuh
	Total Btuh Loss	24321 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Summer Residential Load - Component Details Project Title: The Victoria Model 511011 Class 3 Registrat Climate:

Model Home

Class 3 Rating Registration No. 0 Climate: North

Lake City, FL

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

11/16/2005

	Type	Over	hang	Win	dow Are	a(sqft)	Н	TM	Load	
Window	Panes/SHGC/U/InSh/ExSh Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N N	1.5	1.5	3.0	0.0	3.0	22	22	66	Btuh
2	2, Clear, DEF, N, N N	1.5	5.5	45.0	0.0	45.0	22	22	990	Btuh
3	2, Clear, DEF, N, N N	1.5	7.5	20.0	0.0	20.0	22	22	440	Btuh
4	2, Clear, DEF, N, N W	1.5	1.5	3.0	2.5	0.5	22	72	92	Btuh
5	2, Clear, DEF, N, N W	1.5	5.5	15.0	0.0	15.0	22	72	1080	Btuh
6	2, Clear, DEF, N, N S	4.5	5.5	30.0	30.0	0.0	22 ·	37	660	Btuh
	Window Total			116					3328	Btul
Walls	Type	R-	-Value			Area		HTM	Load	
1	Frame - Adjacent		13.0			348.0		1.0	362	Btuh
2	Frame - Exterior		13.0		1	109.0		1.7	1930	Btuh
	Wall Total	100	rnerdeev.	plana a series	1	457.0			2292	Btul
Doors	Туре	200	A COLUMN	September 1	-740,- 10	Area		HTM	Load	
1	Insulated - Exter		Selection of			20.0		10.1	203	Btuh
2	Insulated - Exter					20.0		10.1	203	Btuh
3	Insulated - Adjac		* **			20.0		10.1	203	Btuh
	Door Total					60.0			608	Btu
Ceilings	Type/Color	R-	Value	9		Area	11	HTM	Load	
1	Under Attic/Dark		30.0		20	1460.0		1.4	2073	Btuh
	Ceiling Total	59	1.5°	Jedro -		460.0			2073	Btu
Floors	Туре	R-	Value			Size		HTM	Load	
1	Slab-On-Grade Edge Insulation		0.0			206.0 ft(p)		0.0	0	Btuh
	Floor Total					206.0				Btu
Infiltration	the state of the s		ACH		V	olume		CFM=	Load	
	Natural	10.7	0.70		38	11440		133.7	2648	Btuh
	Mechanical							0	0	
	Infiltration Total	آی	land at	100	6 27			134	2648	Btu

Internal gain		Occupants 6	Btı X	uh/occup 300	ant +	Appliance 1200	Load 3000	Btuh
		Subtotal Duct gain(using duct m		alior of (10)		13949 1395	
		Total sensible gain	uitij	oller or t	,.10)		15343	
Totals	s for Cooling	Latent infiltration gain	for	51 gr. h	umidity	difference)	4638	Btuh
	Total	Latent occupant gain (6	pe	ople @	230 Btu	ıh per person)	1380	Btuh
		Latent other gain					0	Btuh
	7	TOTAL GAIN					21361	Btuh

TOTAL GAIN

Manual J Summer Calculations

Residential Load - Component Details (continued)
Project Title:
Class

Model Home

Lake City, FL

TheVictoriaModel511011

Class 3 Rating Registration No. 0 Climate: North

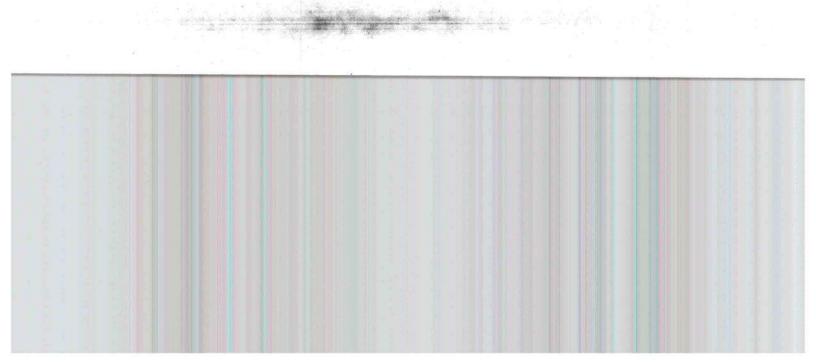
Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(Ornt - compass orientation)



Project Information for:

L138116

Builder:

BRYAN ZECHER

Date:

11/3/2005

FBC2004

Lot:

LOT 73 EMERALD COVE

Start Number:

Building Code:

1739

Subdivision:

N/A

County or City:

COLUMBIA COUNTY

Truss Page Count: Truss Design Load Information (UNO) 28

Gravity

Design Program: MiTek 5.2 / 6.2 Wind

Roof (psf): Floor (psf):

42

Wind Standard: 55 Wind Speed (mph): **ASCE 7-02**

Note: See individual truss drawings for special loading conditions

Building Designer, responsible for Structural Engineering: (See attached)

ZECHER, BRYAN C. CBC 054575

Address: PO BOX 815

ALACHUA,FL 32615

Designer:

134

Truss Design Engineer: Thomas, E. Miller, P.E., 56877 - Byron K. Anderson, PE FL 60987

Company: Address

Structural Engineering and Inspections, Inc. EB 9196

16105 N. Florida Ave, Ste B, Lutz, FL 33549

Notes:

- 1. Truss Design Engineer is responsible for the individual trusses as components only.
- 2. Determination as to the suitability and use of these truss components for the structure is the responsibility of the Building Designer of Record, as defined in ANSI/TPI
- 3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
- Trusses designed for veritcal loads only, unless noted otherwise

#	Truss ID	Dwg. #	Seal Date	#	Truss ID	Dwg. #	Seal Date
1	CJ1	1103051739	11/3/2005		1143515	Dwg. #	Ocal Date
2	CJ3	1103051740	11/3/2005				
3	CJ5	1103051741	11/3/2005				1
4	EJ3	1103051742	11/3/2005				
5	EJ5	1103051743	11/3/2005				
6	EJ7	1103051744	11/3/2005				1
7	EJ7A	1103051745	11/3/2005				
8	HJ3	1103051746	11/3/2005				
9	HJ5	1103051747	11/3/2005				
10	HJ7	1103051748	11/3/2005				
11	T01	1103051749	11/3/2005				
12	T02T	1103051750	11/3/2005				
13	T03T	1103051751	11/3/2005				
14	T04T	1103051752	11/3/2005				
15	T05T	1103051753	11/3/2005				
16	T06T	1103051754	11/3/2005				100
17	T07	1103051755	11/3/2005				
18	T08	1103051756	11/3/2005			7.7	
19	T09	1103051757	11/3/2005				
20	T10	1103051758	11/3/2005				1
21	T11	1103051759	11/3/2005				
22	T12	1103051760	11/3/2005				7
23	T13	1103051761	11/3/2005				
24	T14	1103051762	11/3/2005				
25	T15	1103051763	11/3/2005				
26	T16	1103051764	11/3/2005				
27	T17	1103051765	11/3/2005		1		
28	T18H	1103051766	11/3/2005				
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Licensee Information

Name:

ZECHER, BRYAN CHRISTIAN (Primary Name)

BRYAN ZECHER CONSTRUCTION INC (DBA

Main Address: P O BOX 815

LAKE CITY, Florida 32056

465 NW ORANGE ST

LAKE CITY, FL 32055 United States

Columbia

License Information

License Type:

Lic. Location:

Certified Building Contractor

Rank:

License Number:

Cert Building

CBC054575 **Current, Active**

Status: Licensure Date:

12/05/1991

Expires:

08/31/2006



Term Glossary

Online Help

Special Qualifications

Effective Date

Bldg Code Core Course Credit

Qualified Business License

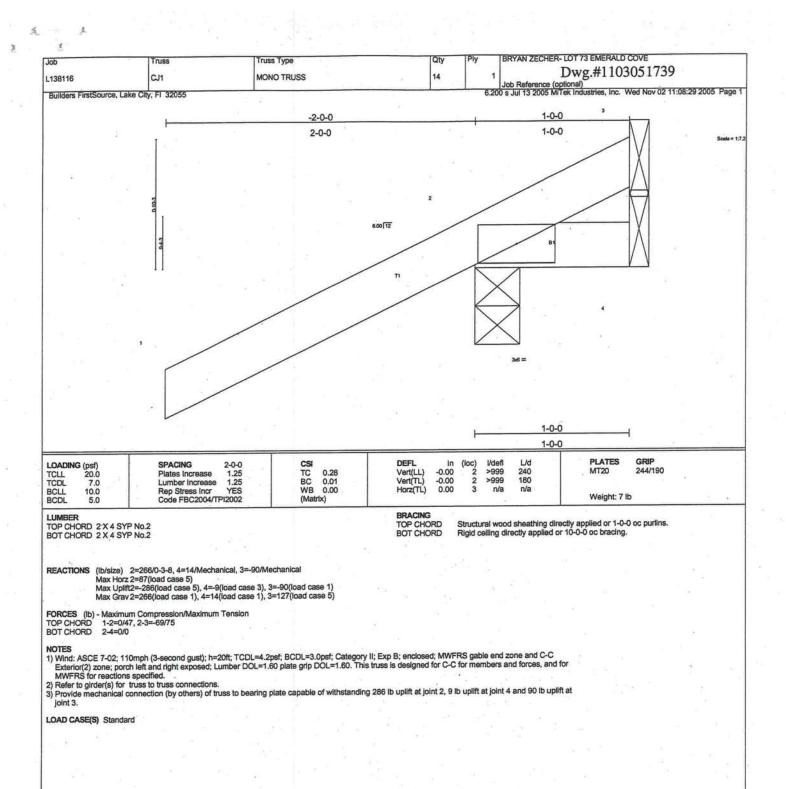
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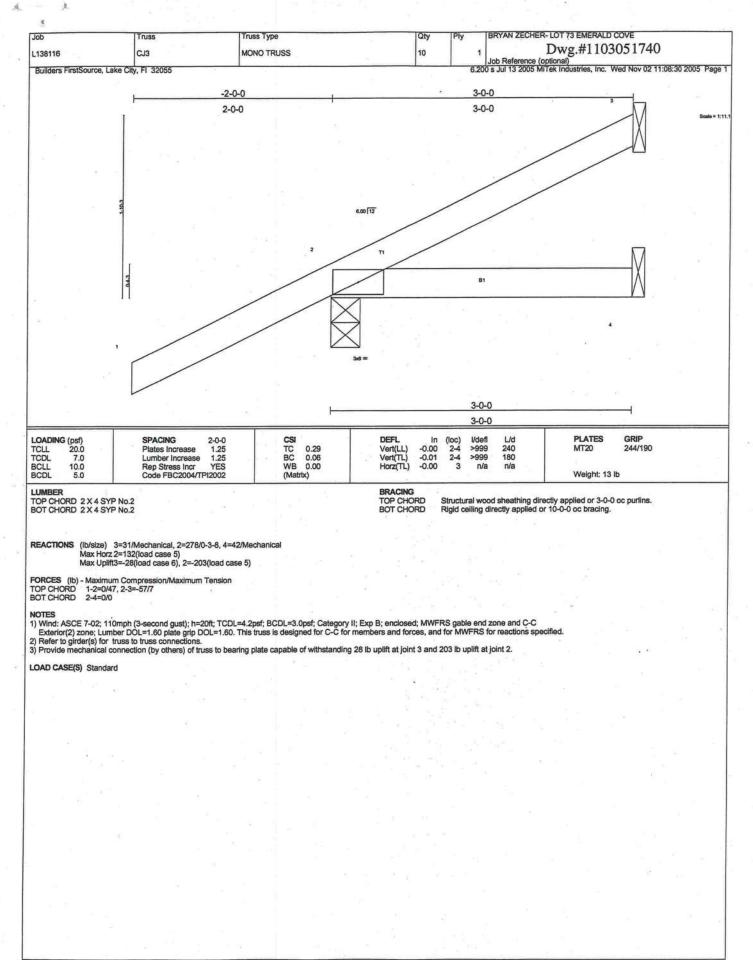
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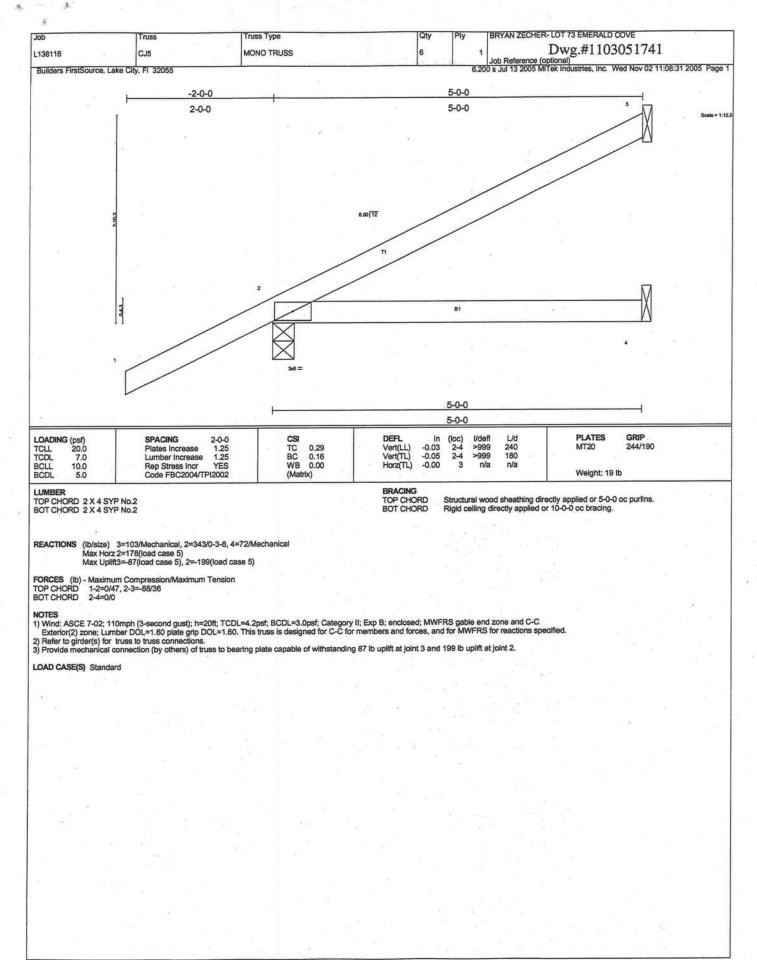
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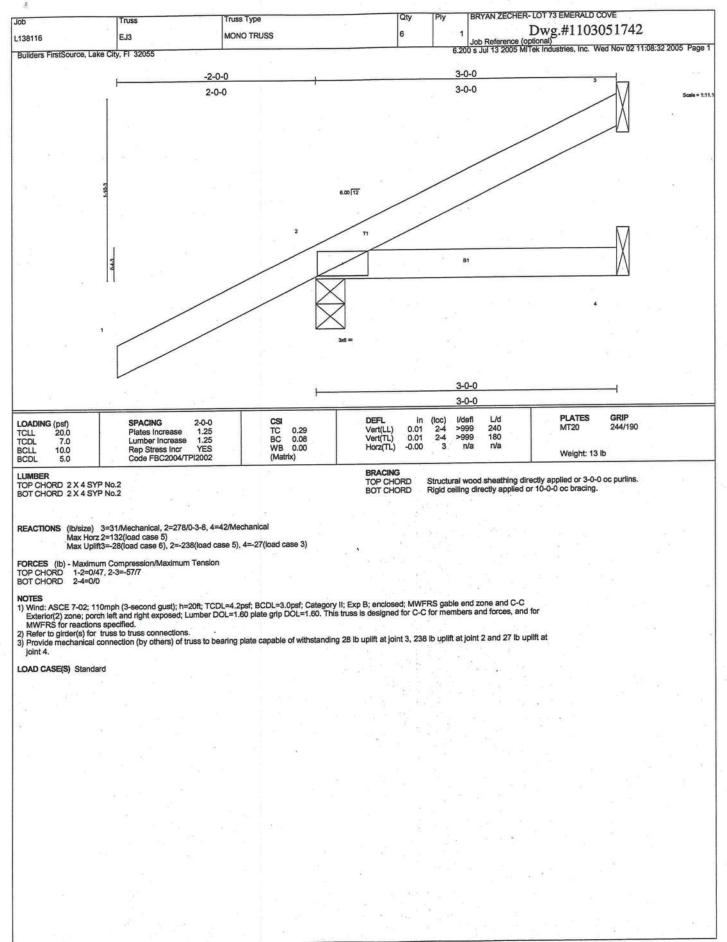
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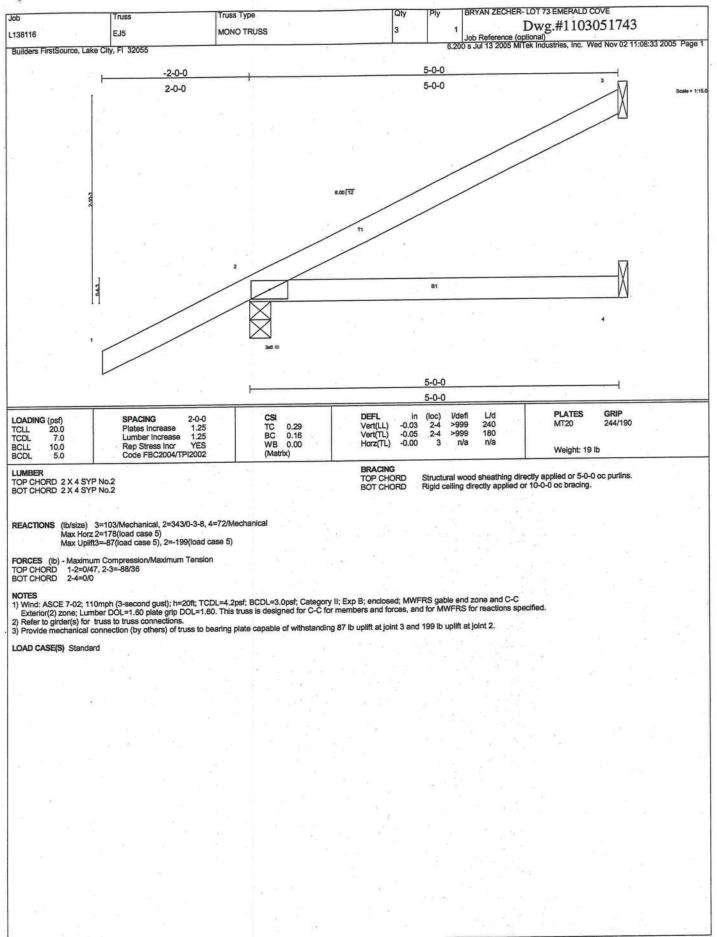
NOVEMBER 03,2005 TRUSS DESIGN ENGINEER: THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987 https://www.myfloridalicense.com/licensing 1770 N. Fland Ave. Ste B. LOTZ FLASS PARK EB 9195/11/2004

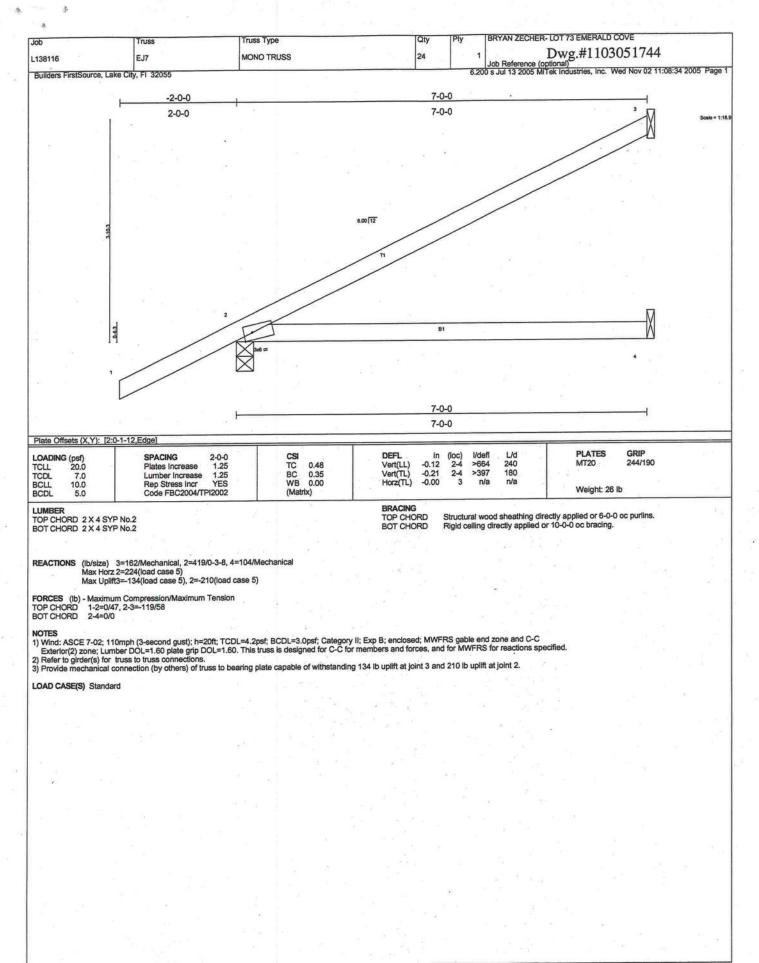


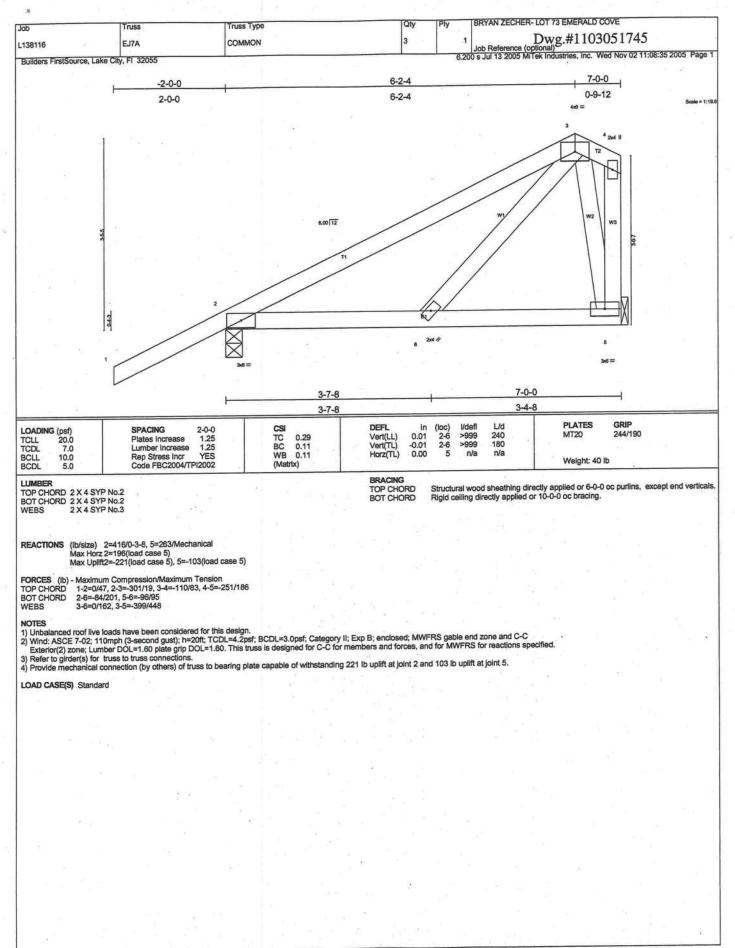


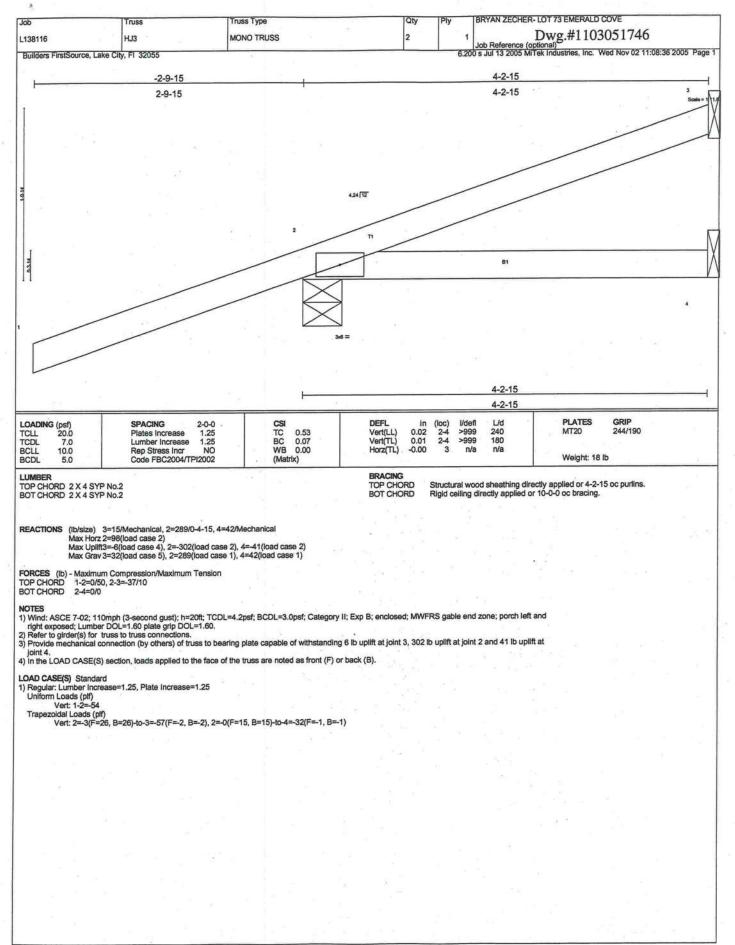


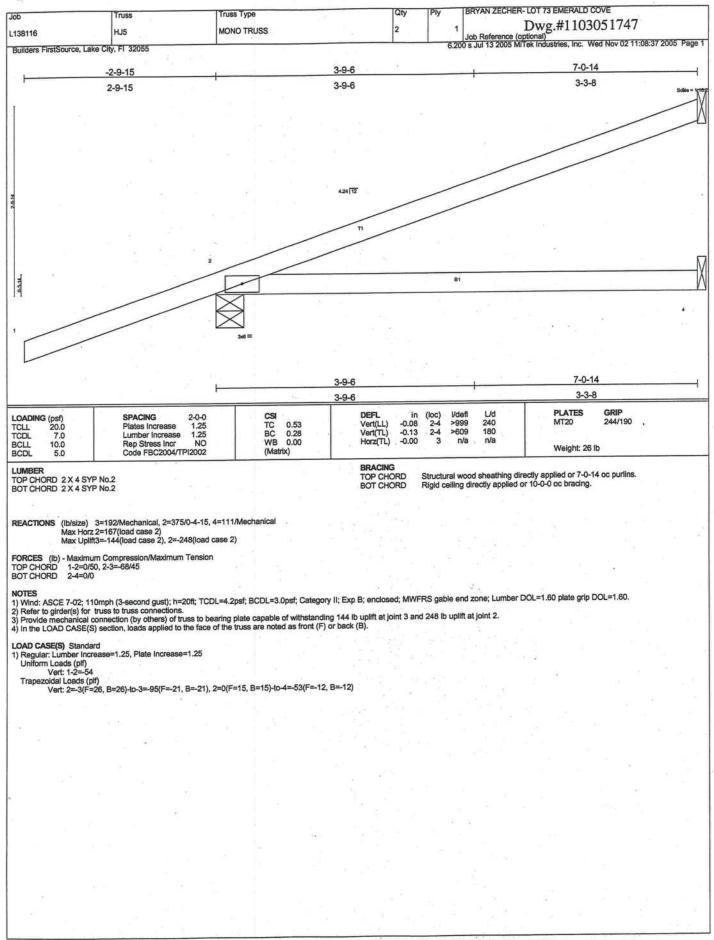


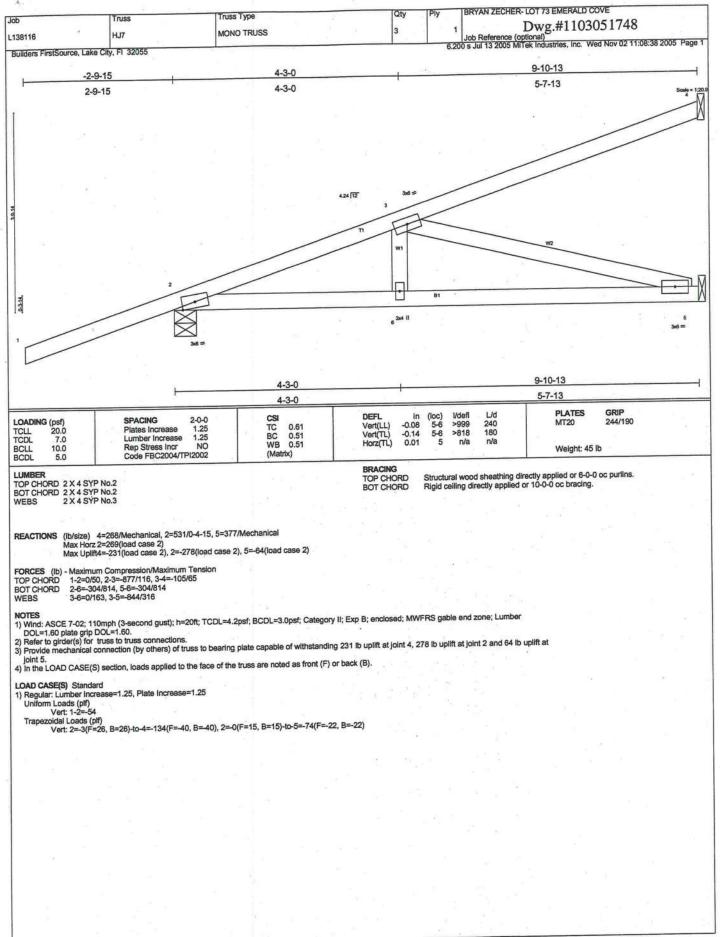


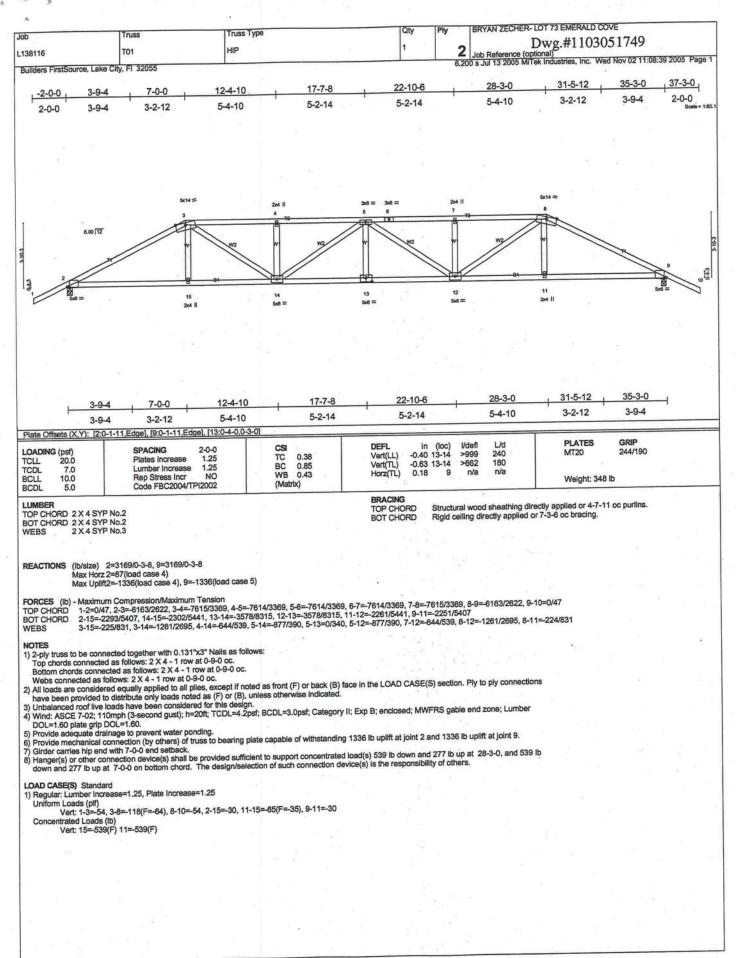












BRYAN ZECHER- LOT 73 EMERALD COVE Truss Truss Type Job Dwg.#1103051750 T02T L138116 Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Nov 02 11:08:40 2005 Page 1 Builders FirstSource, Lake City, FI 32055 37-3-0 26-3-0 30-5-12 -2-0-0 2-3-8 18-11-8 5-7-12 9-0-0 11-8-0 4-2-12 4-9-4 2-0-0 2-3-8 3-4-4 3-4-4 2-8-0 7-3-8 7-3-8 15 11-8-0 2-3-8 3-3-8 10-8-0 26-3-0 35-3-0 9-0-0 7-3-8 1-8-01-0-0 7-3-8 2-3-8 1-0-0 5-8-8 Piate Offsets (X,Y): [2:0-1-11,Edge], [7:0-3-0,0-3-0], [10:0-1-11,Edge], [15:0-8-9,Edge], [16:0-5-0,0-3-4], [18:0-7-0,0-3-4] PLATES MT20 MT20H GRIP 244/190 187/143 LOADING (psf)
TCLL 20.0
TCDL 7.0
BCLL 10.0
BCDL 5.0 SPACING Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002 0.68 0.99 0.78 Weight: 196 lb LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W2 2 X 4 SYP No.2 Structural wood sheathing directly applied or 2-0-11 oc purlins. Rigid ceiling directly applied or 2-2-0 oc bracing. REACTIONS (lb/size) 2=1584/0-3-8, 10=1584/0-3-8 Max Horz 2=101(load case 5) Max Uplift2=-537(load case 5), 10=-537(load case 6) FORCES (ib) - Maximum Compression/Maximum Tension

TOP CHORD

1-2=0/47, 2-3=-2702/964, 3-4=-6141/2075, 4-5=-3102/1209, 5-6=-3004/1243, 6-7=-2845/1227, 7-8=-2849/1230, 8-9=-2479/1004,

9-10=-2691/1093, 10-11=0/47

BOT CHORD

2-19=-697/2282, 18-19=-620/2750, 17-18=-1198/3596, 16-17=-813/2754, 15-16=-1071/3290, 14-15=-797/2549, 13-14=-647/2190,

12-13=-647/2190, 10-12=-807/2349

3-19=-1774/594, 3-18=-1072/3460, 4-18=-628/2439, 4-17=-961/436, 5-17=-202/742, 5-16=-310/629, 6-16=-480/1580, 6-15=-1989/749,

6-14=-179/430, 7-14=-417/292, 8-14=-361/865, 8-12=-29/350, 9-12=-195/184 NOTES

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

3) Provide adequate drainage to prevent water ponding.

4) All plates are MT20 plates unless otherwise indicated.

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 537 lb uplift at joint 2 and 537 lb uplift at joint 10. LOAD CASE(S) Standard

BRYAN ZECHER-LOT 73 EMERALD COVE Qty loh Truss Truss Type Dwg.#1103051751 TOST SPECIAL L138116 Job Reference (optional)
6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Nov 02 11:08:42 2005 Page Builders FirstSource, Lake City, FI 32055 35-3-0 37-3-0 24-3-0 -2-0-0 2-3-8 6-7-12 11-0-0 17-7-8 5-2-12 2-0-0 2-0-0 2-3-8 4-4-4 4-4-4 6-7-8 6-7-8 17-7-8 35-3-0 2-3-8 3-3-8 10-8-0 1,1-8-0 11-0-0 6-7-8 1-0-0 5-11-8 2-3-8 1-0-0 7-4-8 Plate Offsets (X,Y): [2:0-3-5,0-0-11], [9:0-3-13,Edge], [14:0-8-9,Edge], [16:0-7-0,0-3-4] PLATES MT20 MT20H LOADING (psf)
TCLL 20.0
TCDL 7.0
BCLL 10.0
BCDL 5.0 SPACING 2-0-0
Plates Increase 1.25
Lumber Increase 1.25
Rep Stress Incr YES
Code FBC2004/TPI2002 GRIP 244/190 in (loc) -0.52 15-16 -0.85 15-16 0.35 9 TC 0 BC 0 WB 0 (Matrix) Vert(LL) Vert(TL) Horz(TL) 187/143 Weight: 196 lb LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W2 2 X 4 SYP No.2 BRACING TOP CHORD BOT CHORD WEBS Structural wood sheathing directly applied or 1-9-2 oc purlins. Rigid celling directly applied or 2-2-0 oc bracing. 1 Row at midpt 5-14, 6-11 (ib/siza) 2=1584/0-3-8, 9=1584/0-3-8 Max Horz 2=115(load case 5) Max Uplift2=-555(load case 5), 9=-555(load case 6) FORCES (ib) - Maximum Compression/Maximum Tension
TOP CHORD
1-2=0/47, 2-3=-2681/994, 3-4=-6248/2108, 4-5=-2752/1120, 5-6=-2028/943, 6-7=-2044/935, 7-8=-2331/970, 8-9=-2641/1112, 9-10=0/47
BOT CHORD
BOT CHORD
2-17=-729/2263, 16-17=-861/2786, 15-16=-1076/3184, 14-15=-905/3213, 13-14=-708/2332, 12-13=-708/2330, 11-12=-708/2330, 9-11=-817/2311
WEBS
3-17=-1870/628, 3-16=-1057/3578, 4-16=-765/2938, 4-15=-877/437, 5-15=-799/2769, 5-14=-1871/529, 6-14=-522/224, 6-13=0/165, 6-11=-491/236, 7-11=-179/698, 8-11=-325/278 NOTES NOTES

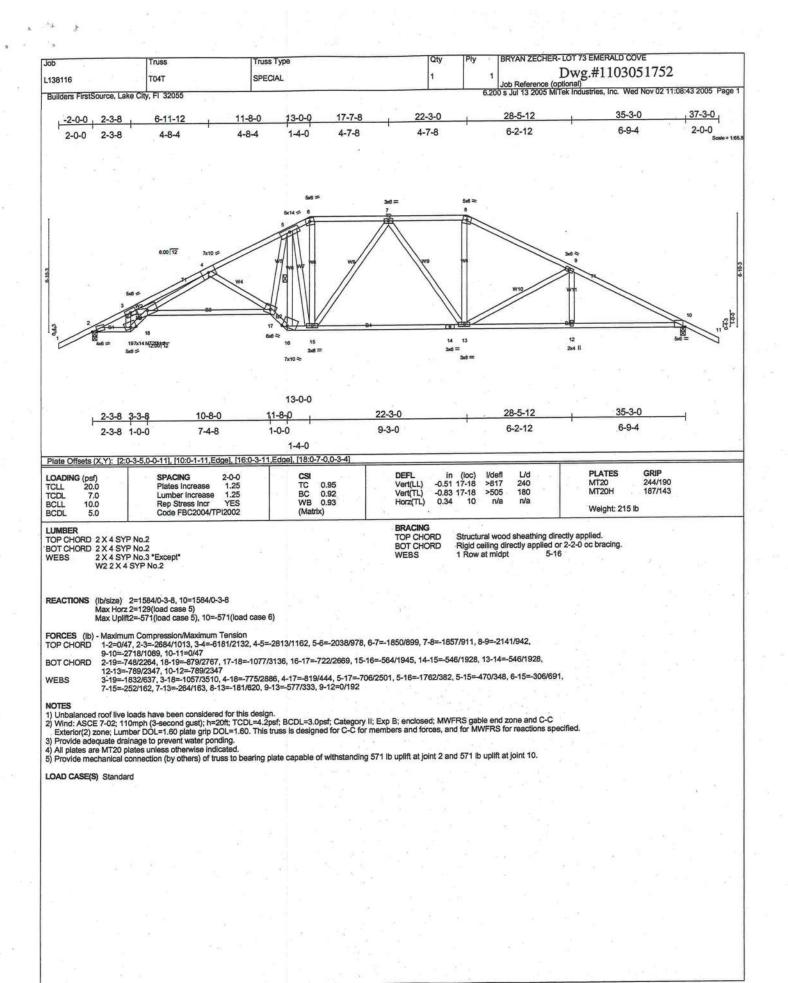
1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

3) Provide adequate drainage to prevent water ponding.

4) All plates are MT20 plates unless otherwise indicated.

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 555 ib uplift at joint 2 and 555 ib uplift at joint 9. LOAD CASE(S) Standard

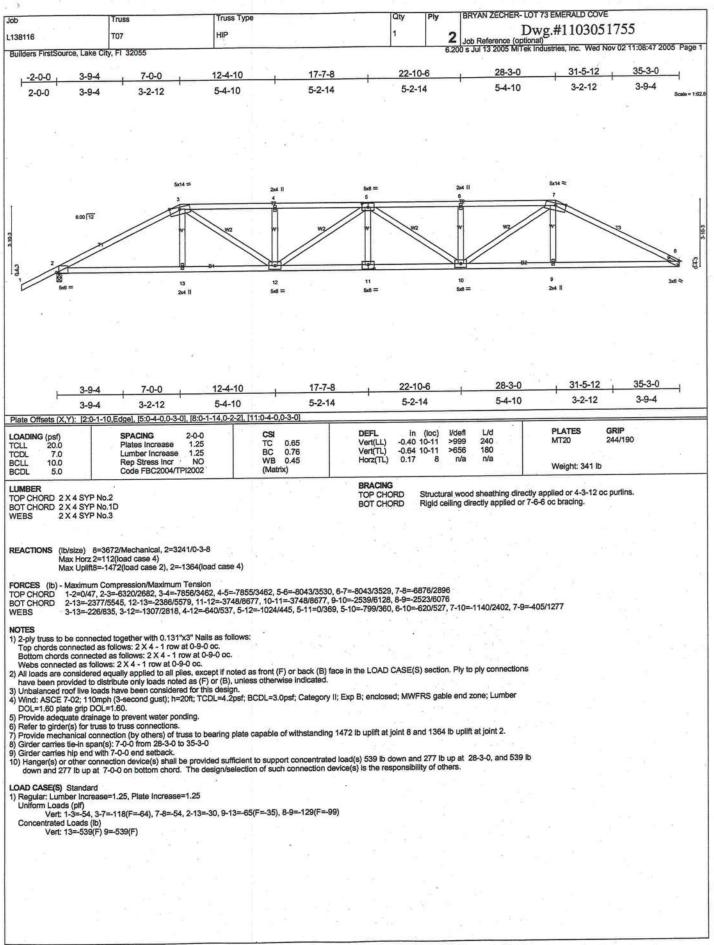


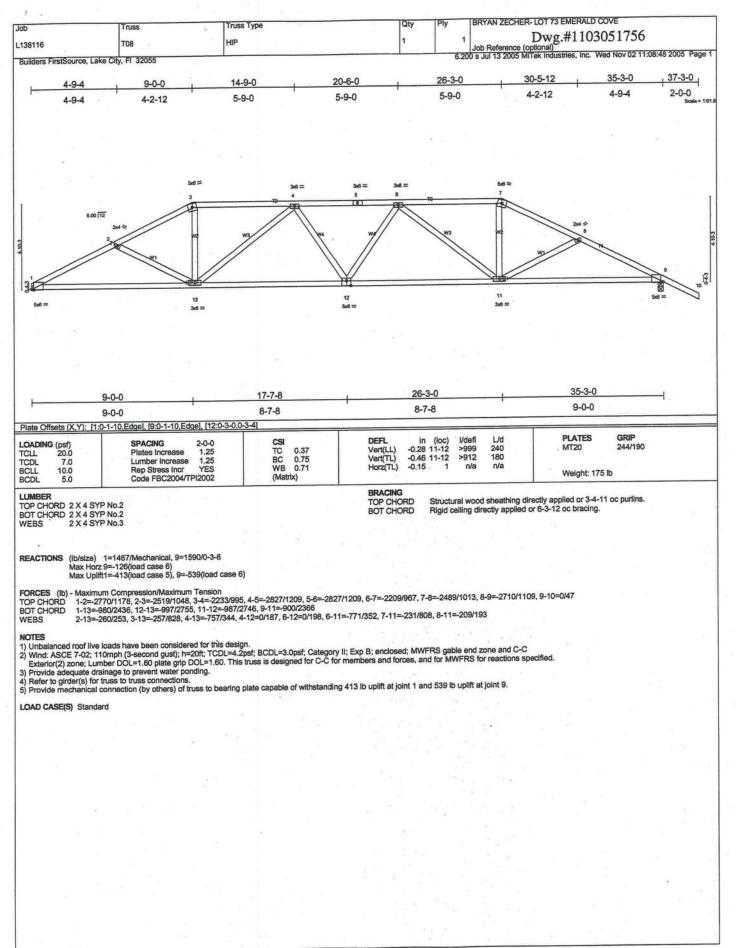
BRYAN ZECHER- LOT 73 EMERALD COVE Truss Truss Type Job Dwg.#1103051753 T05T L138116 rence (optional) 2005 MiTek Industries, Inc. Wed Nov 02 11:08:44 2005 Page 1 6.200 s Builders FirstSource, Lake City, FI 32055 35-3-0 37-3-0 20-3-0 15-0-0 -2-0-0 2-3-8 6-11-12 11-8-0 7-2-12 2-0-0 5-3-0 2-0-0 2-3-8 4-8-4 4-8-4 3-4-0 2-3-8 3-3-8 35-3-0 10-8-0 11-8-0 15-0-0 20-3-0 27-5-12 5-3-0 7-2-12 7-9-4 1-0-0 3-4-0 2-3-8 1-0-0 7-4-8 Plate Offsets (X,Y): [2:0-3-5,0-0-11], [9:0-3-0,0-3-4], [10:0-3-5,0-0-11], [18:0-7-0,0-3-4] CSI TC BC WB (Mat-GRIP 244/190 187/143 LOADING (psf)
TCLL 20.0
TCDL 7.0
BCLL 10.0
BCDL 5.0 l/defi >838 >518 n/a L/d 240 180 n/a SPACING PLATES MT20 MT20H Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002 Weight: 212 lb LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W2 2 X 4 SYP No.2 Structural wood sheathing directly applied or 1-8-7 oc purlins. Rigid ceiling directly applied or 2-2-0 oc bracing. 1 Row at midpt 6-16, 7-13, 9-13 TOP CHORD BOT CHORD REACTIONS (lb/size) 2=1584/0-3-8, 10=1584/0-3-8 Max Horz 2=-143(load case 6) Max Uplift2=-586(load case 5), 10=-586(load case 6) FORCES (ib) - Maximum Compression/Maximum Tension
TOP CHORD
1-2=0/47, 2-3=-2679/1021, 3-4=-6203/2169, 4-5=-2815/1161, 5-6=-2747/1178, 6-7=-1879/936, 7-8=-1686/889, 8-9=-1968/907,
9-10=-2683/1091, 10-11=-0/47
BOT CHORD
2-19=-751/2258, 18-19=-884/2766, 17-18=-1126/3203, 16-17=-746/2646, 15-16=-574/1938, 14-15=-408/1656, 13-14=-408/1656, 12-13=-780/2310, 10-12=-780/2310
WEBS
3-19=-1837/639, 3-18=-1093/3540, 4-18=-767/2852, 4-17=-867/465, 6-17=-729/2491, 6-16=-1714/483, 6-15=-596/349, 7-15=-259/575, 7-13=-126/201, 8-13=-127/492, 9-13=-723/403, 9-12=0/255 NOTES

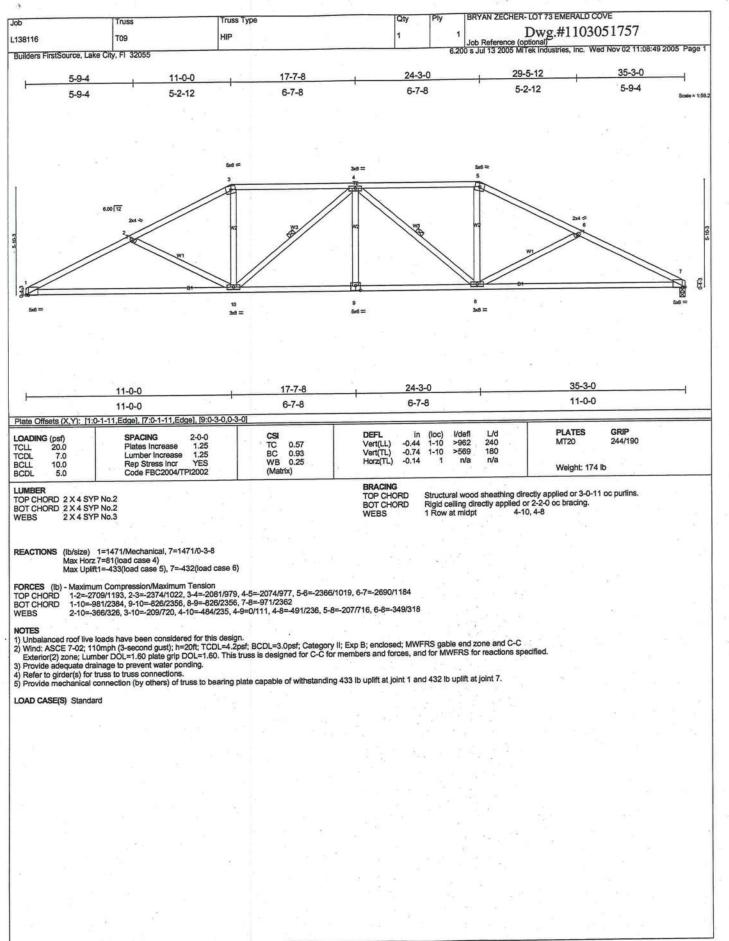
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 586 lb uplift at joint 2 and 586 lb uplift at joint 10. LOAD CASE(S) Standard

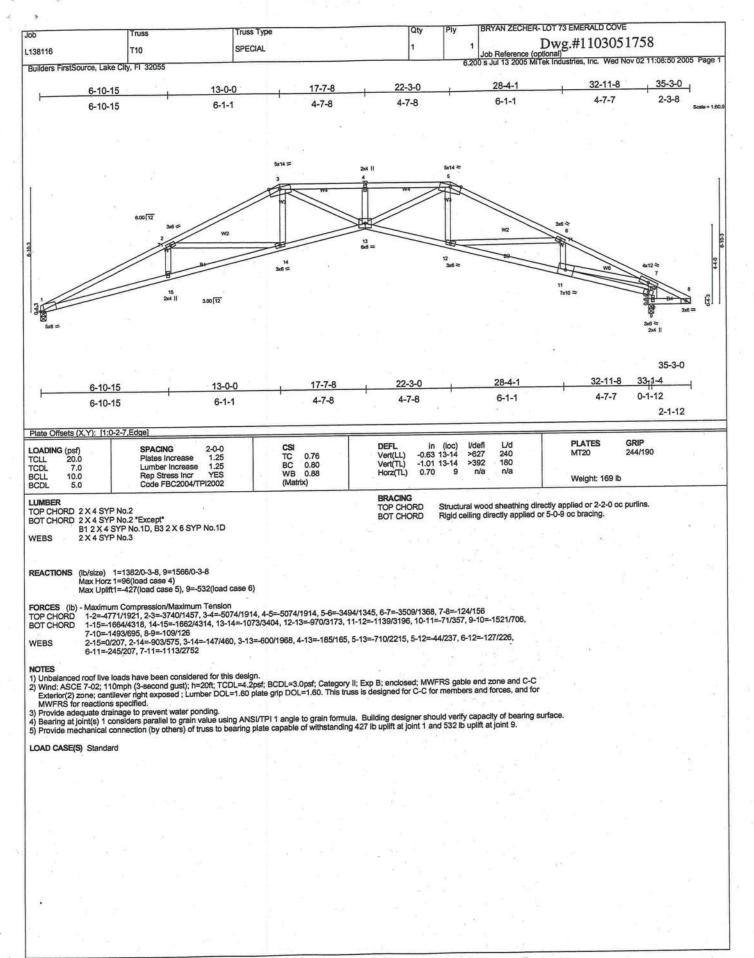
BRYAN ZECHER-LOT 73 EMERALD COVE Qty Truss Type Job Dwg.#1103051754 SPECIAL L138116 TOST Reference (optional) 13 2005 MiTek Industries, Inc., Wed Nov 02 11:08:45 2005 Page 1 Builders FirstSource, Lake City, Fl 32055 37-3-0 35-3-0 29-2-11 18-3-0 23-8-13 6-11-12 11-8-0 17-0-0 -2-0-0 2-3-8 5-5-13 6-0-5 2-0-0 4-8-4 5-4-0 1-3-0 5-5-13 2-0-0 2-3-8 4-8-4 217x14 MT286|12 5x8 = 2-3-8 3-3-8 18-3-0 26-5-12 35-3-0 1,1-8-0 17-0-0 10-8-0 8-9-4 8-2-12 1-3-0 2-3-8 1-0-0 7-4-8 1-0-0 5-4-0 Plate Offsets (X,Y): [2:0-3-5,0-0-11], [12:0-3-5,0-0-11], [18:0-2-11,Edge], [20:0-7-0,0-3-4] PLATES MT20 MT20H GRIP 244/190 187/143 LOADING (psf)
TCLL 20.0
TCDL 7.0
BCLL 10.0
BCDL 5.0 SPACING 2-0-0
Plates Increase 1.25
Lumber Increase 1.25
Rep Stress Incr YES
Code FBC2004/TPI2002 DEFL Vert(LL) Vert(TL) Horz(TL) in (loc) -0.51 19-20 -0.82 19-20 0.34 12 0.92 WB 0 (Matrix) Weight: 214 lb LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W2 2 X 4 SYP No.2 BRACING TOP CHORD BOT CHORD WEBS Structural wood sheathing directly applied or 1-7-8 oc purlins. Rigid ceilling directly applied or 2-2-0 oc bracing. 1 Row at midpt 6-18 REACTIONS (lb/size) 2=1584/0-3-8, 12=1584/0-3-8 Max Horz 2=-157(load case 6) Max Uplift2=-598(load case 5), 12=-598(load case 6) Maximum Compression/Maximum Tension
1-2=0/47, 2-3=-2685/1043, 3-4=-6189/2203, 4-5=-2818/1187, 5-6=-2755/1204, 6-7=-1736/883, 7-8=-1508/850, 8-9=-1747/882,
9-10=-2413/1090, 10-11=-2482/1077, 11-12=-2700/1143, 12-13=0/47
2-21=-773/2266, 20-21=-910/2771, 19-20=-1122/3154, 18-19=-782/2656, 17-18=-591/1943, 16-17=-337/1508, 15-16=-606/1936, 14-15=-606/1936, 12-14=-844/2340
3-21=-1837/657, 3-20=-1099/3516, 4-20=-800/2879, 4-19=-819/440, 6-19=-766/2501, 6-18=-1723/534, 6-17=-695/388, 7-17=-261/525, 8-16=-256/625, 9-16=-649/392, 9-14=-140/534, 11-14=-266/259 BOT CHORD WEBS NOTES

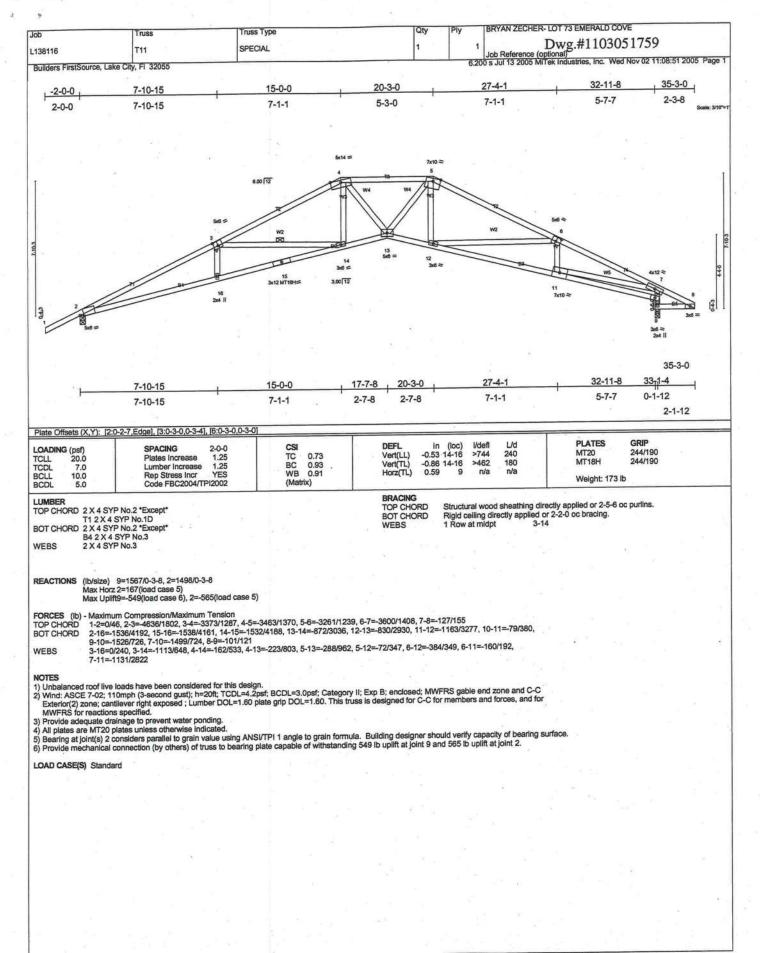
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 598 lb uplift at joint 2 and 598 lb uplift at joint 12. LOAD CASE(S) Standard

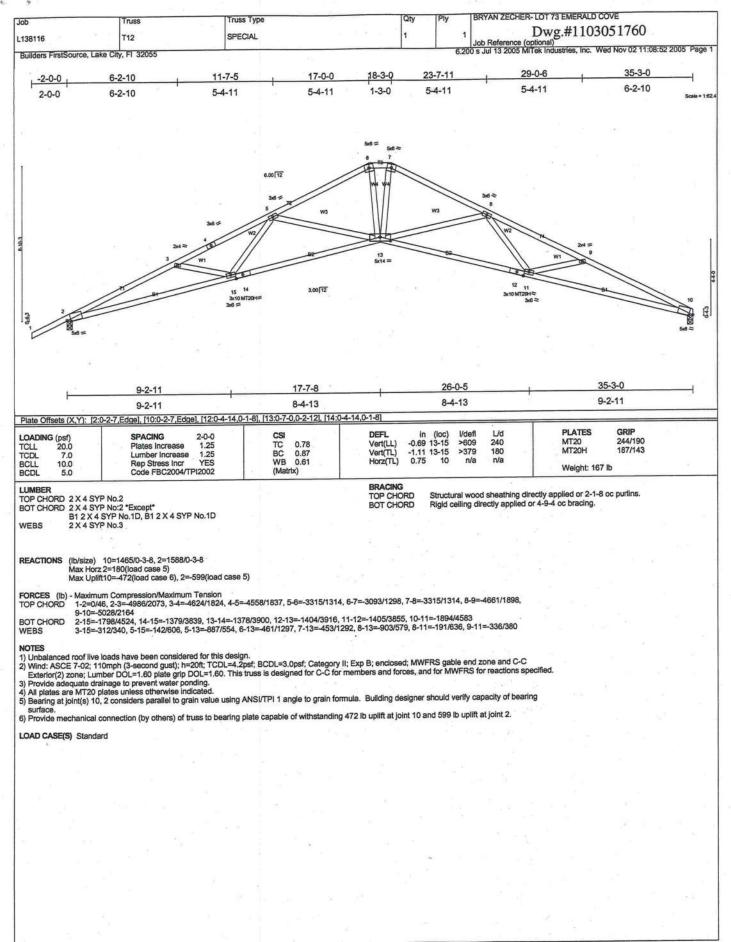






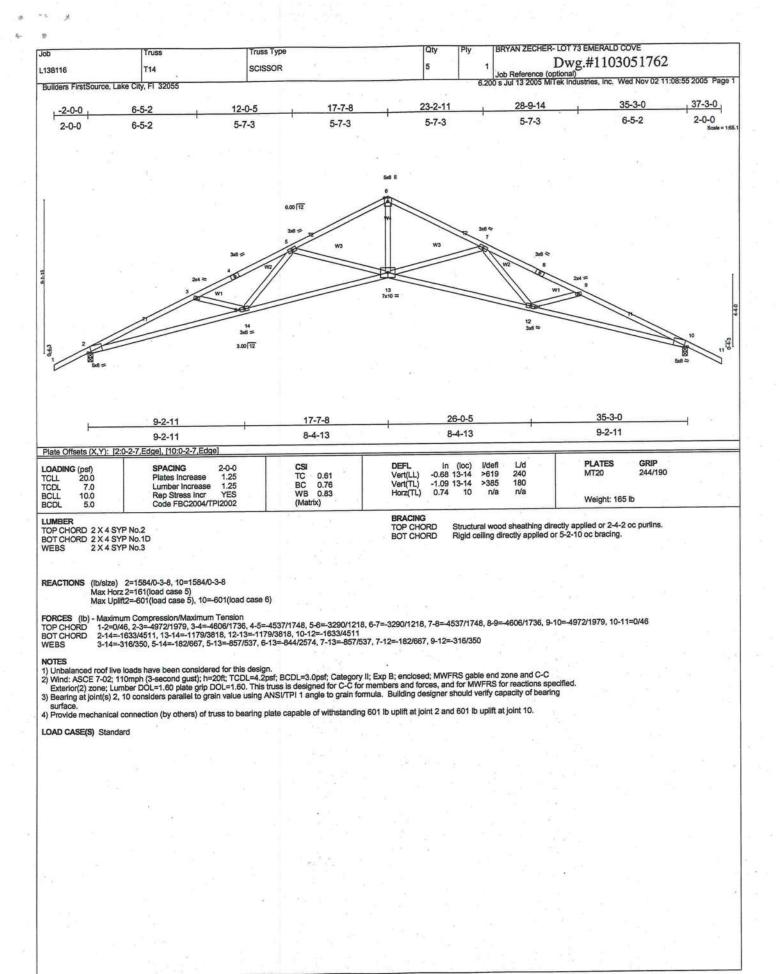


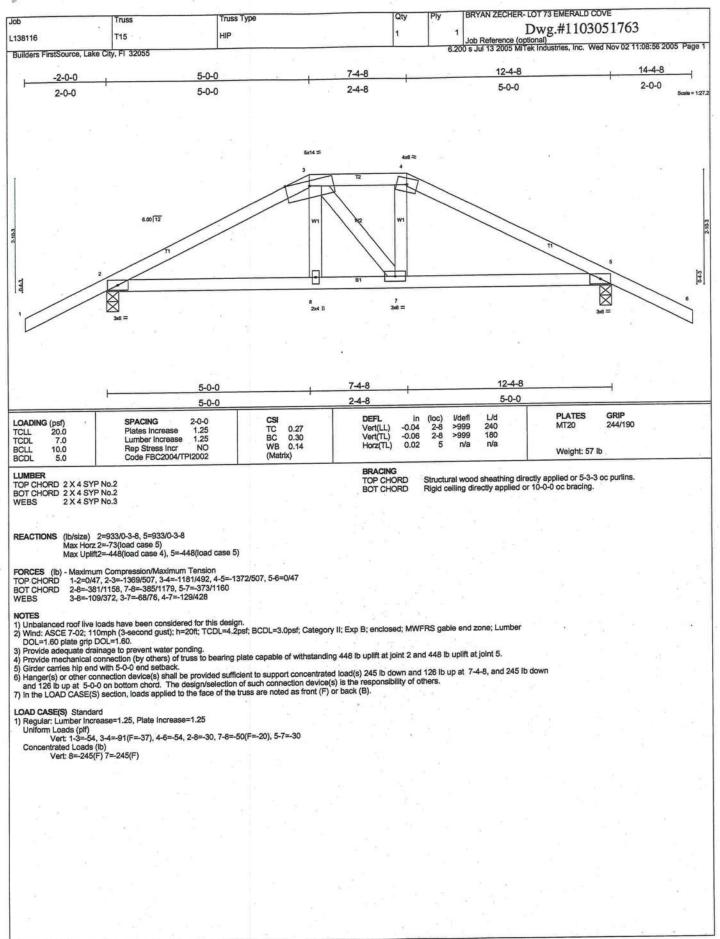


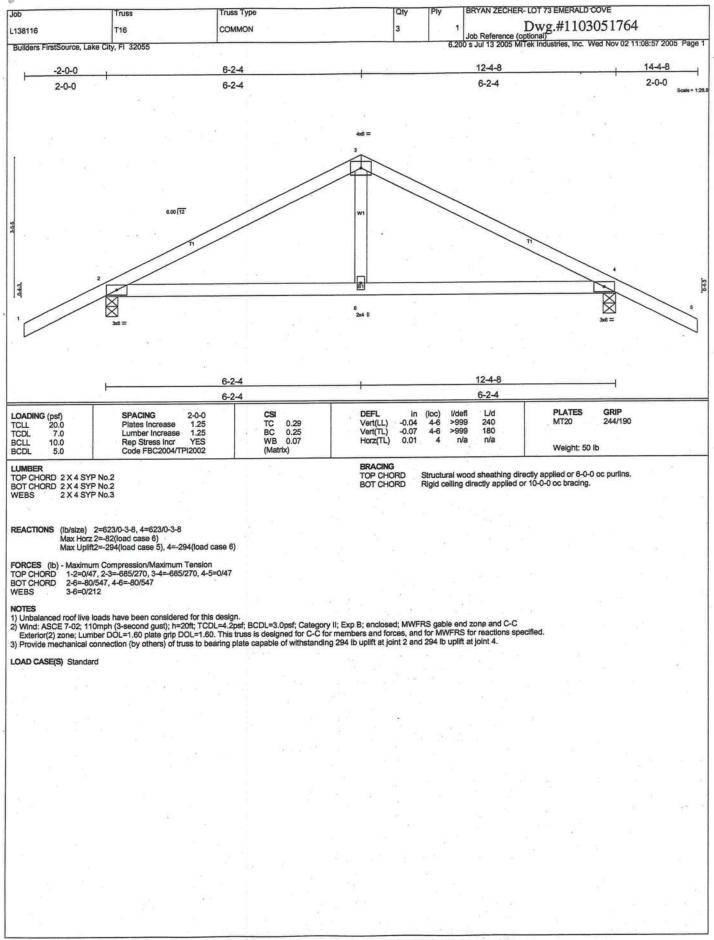


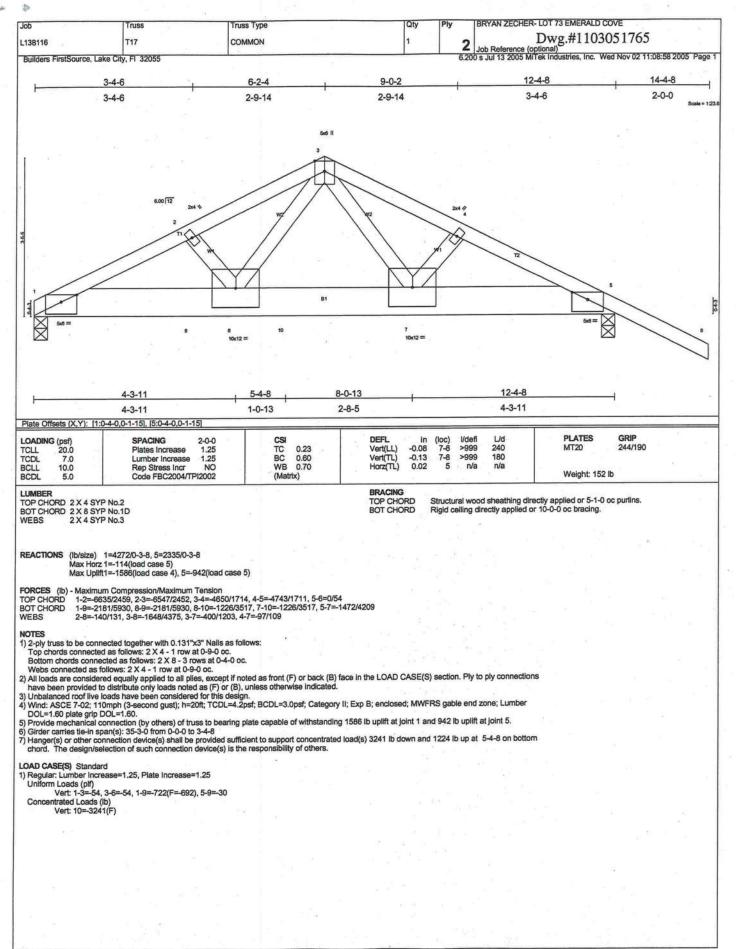
BRYAN ZECHER- LOT 73 EMERALD COVE Truss Type Job Dwg.#1103051761 T13 COMMON L138116 Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Wed Nov 02 11:08:54 2005 Pag Builders FirstSource, Lake City, FI 32055 37-3-0 29-0-3 35-3-0 23-3-13 -2-0-0 6-2-13 11-11-3 17-7-8 2-0-0 Scale: 3 5-8-5 6-2-13 5-8-5 6-2-13 5-8-5 5-8-5 2-0-0 6.00 12 35-3-0 17-7-8 26-2-0 9-1-0 9-1-0 8-6-8 8-6-8 9-1-0 Plate Offsets (X,Y): [2:0-3-5,0-0-11], [10:0-3-5,0-0-11], [13:0-4-0.0 L/d 240 180 n/a LOADING (psf)
TCLL 20.0
TCDL 7.0
BCLL 10.0
BCDL 5.0 SPACING 2-0-0
Plates Increase 1.25
Lumber Increase 1.25
Rep Stress Incr YES
Code FBC2004/TPI2002 CSI TC BC WB (Matr PLATES MT20 GRIP 244/190 Weight: 185 lb BRACING TOP CHORD BOT CHORD WEBS LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 Structural wood sheathing directly applied or 3-6-12 oc purlins. Rigid celling directly applied or 6-10-7 oc bracing. 1 Row at midpt 5-13, 7-13 REACTIONS (lb/size) 2=1584/0-3-8, 10=1584/0-3-8 Max Horz 2=162(load case 5) Max Uplift2=-601(load case 5), 10=-601(load case 6) FORCES (ib) - Maximum Compression/Maximum Tension
TOP CHORD
BOT CHORD
WEBS
1-2-0/47, 2-3=-2873/1147, 3-4=-2457/1078, 4-5=-2384/1090, 5-6=-1713/876, 6-7=-1713/876, 7-8=-2384/1090, 8-9=-2457/1078, 9-10=-2673/1147, 10-11=0/47
2-14=-846/2330, 13-14=-591/1903, 12-13=-591/1903, 10-12=-846/2330
3-14=-289/275, 5-14=-153/540, 5-13=-641/397, 7-12=-153/540, 9-12=-289/275 NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C 2) Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 601 lb uplift at joint 2 and 601 lb uplift at joint 10. LOAD CASE(S) Standard

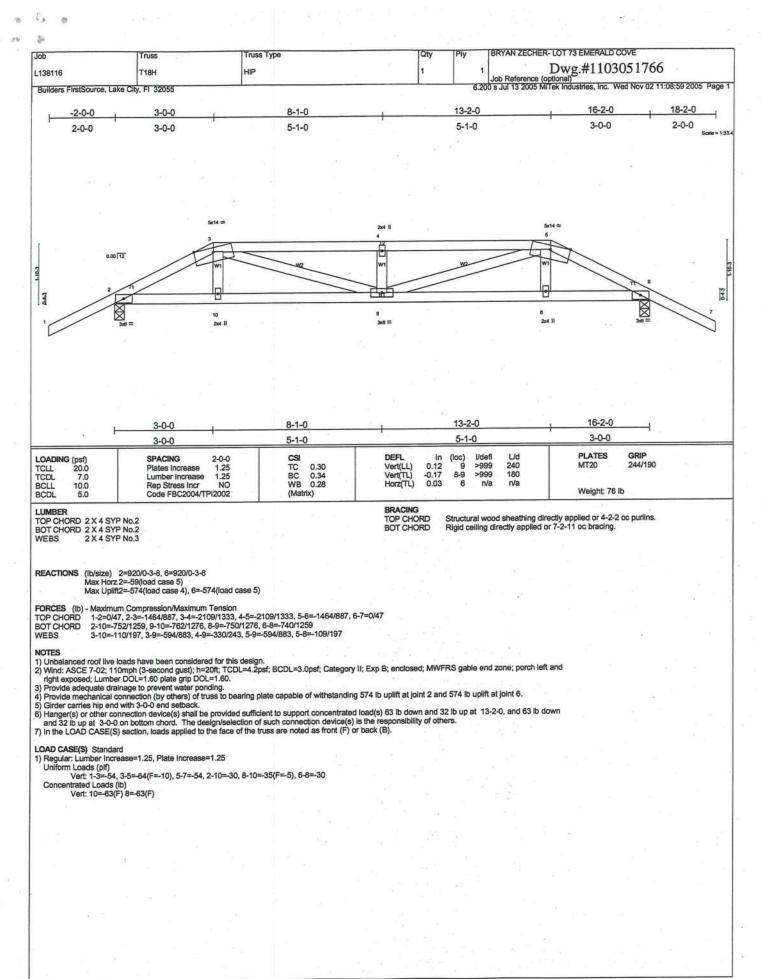








Ep

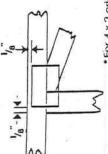


Symbols

PLATE LOCATION AND ORIENTATION



Dimensions are in inches. Apply plates to both sides of truss and dimensions indicate otherwise. Center plate on joint unless securely seal



plates 1/8" from outside edge of Iruss and verlical web. • For 4 x 2 orientalion, locate

required direction of stots in This symbol indicales The connector plates.

PLATE SIZE

V

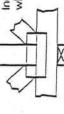
perpendicular to stots. Second dimension is the length parallel to stots. The first dimension is the width

LATERAL BRACING



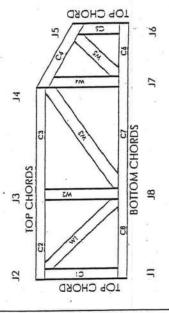
Indicates location of required conlinuous lateral bracing.

BEARING



Indicates location of joints at which bearings (supports) occur. MM

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

79-96,16-96 3907, 4922 BOCA

9667.9432A SBCCI

CBO

960022-W, 970036-N WISC/DILHR

561





MiTel: Engineering Reference Sheet: MII-7473

General Safety Notes

Fallure to Follow Could Cause Property Damage or Personal Injury

- building designer, erection supervisor, properly owner and all other interested parties. Provide copies of this Iruss design to the
- Cut members to bear lightly against each olher.
- joint and embed fully. Avoid knots and wane Place plates on each face of Iruss al each at joint locations.
- Unless otherwise noted, locate chord splices at 1/2 panel length (± 6" from adjacent joint.)
- lumber shall not exceed 19% at Ilme of fabrication. Unless otherwise noted, moisture content of
- Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber. 9
- practice is to camber for dead load deflection Camber is a non-structural consideration and is the responsibility of Iruss fabricator. General
- shown indicate minimum plating requirements. Plate type, size and location dimensions 8
- Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified. 6
- Top chords must be shealhed or purlins provided at spacing shown on design.
- 11. Bollom chords require lateral bracing at 10 It. spacing, or less, if no ceiling is installed unless otherwise noted.
- 12. Anchorage and / or load transferring connections to trusses are the responsibility of offiers unless shown.
- 13. Do not overload roof or floor trusses with stacks of construction materials
- 14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
- Care should be exercised in handling, erection and installation of Irusses.
- © 1993 MiTek® Holdings, Inc.

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE MARCH 1, 2002

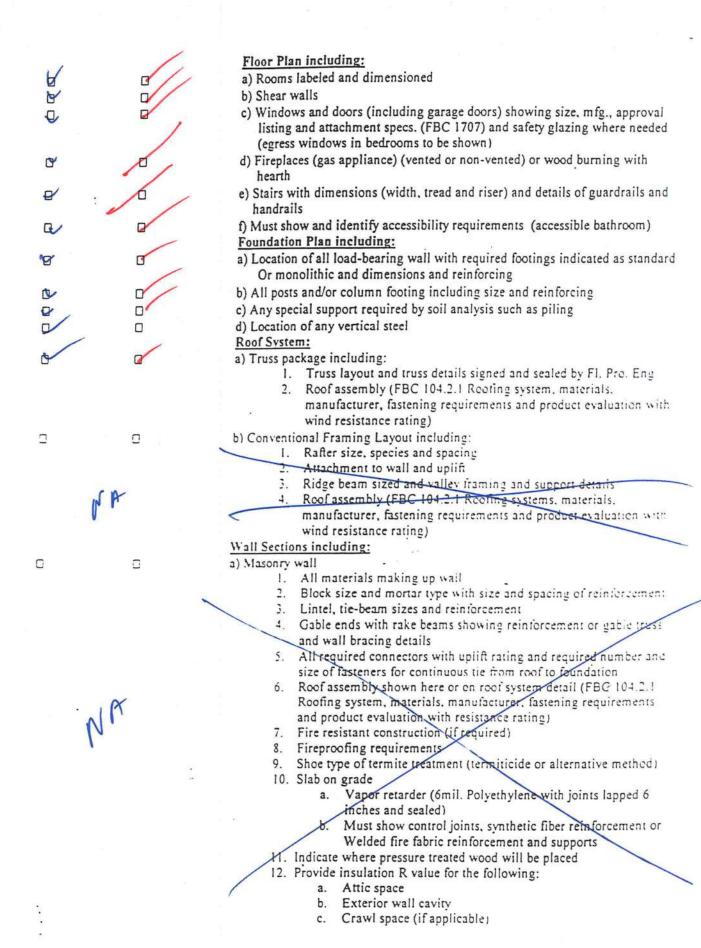
ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENER	AL REQUIREM	ENTS: Two (2) complete sets of plans containing the following:			
Applicant	Plans Examir	miner			
6	0	All drawings must be clear, concise and drawn to scale ("Optional"			
		details that are not used shall be marked void or crossed off). Square			
. /		footage of different areas shall be shown on plans.			
1	<u>C</u>	Designers name and signature on document (FBC 104.2.1). If licensed			
1/		architect or engineer, official seal shall be affixed.			
	C	Site Plan including:			
		a) Dimensions of lot			
		b) Dimensions of building set backs			
		c) Location of all other buildings on lot, well and septic tank if			
	13	applicable, and all utility easements.			
d		d) Provide a full legal description of property.			
		Wind-load Engineering Summary, calculations and any details required			
		a) Plans or specifications must state compliance with FBC Section 1606			
	9	b) The following information must be shown as per section 1606.1.7 FBC			
		a. Basic wind speed (MPH) b. Wind importance factor (I) and building category			
		 b. Wind importance factor (I) and building category c. Wind exposure - if more than one wind exposure is used, the wind 			
**		exposure and applicable wind direction shall be indicated			
		d. The applicable internal pressure coefficient			
		e. Components and Cladding. The design wind pressure in terms of			
		psf (kN/m²), to be used for the design of exterior component and			
		cladding materials not specifally designed by the registered design			
		professional			
0	0	Elevations including:			
	G .	a) All sides			
to/		b) Roof pitch			
		c) Overhang dimensions and detail with attic ventilation			
Q /		d) Location, size and height above roof of chimneys			
9/	0	e) Location and size of skylights			
·	G C	f) Building height			
Φ.		e) Number of stories			
		1 0 800 1			



				11. Slab on grade
				a. Vapor retarder (6Mil. Polyethylene with joints lapped 6
				inches and sealed
				b. Must show control joints, synthetic fiber reinforcement or
				welded wire fabric reinforcement and supports
				12. Indicate where pressure treated wood will be placed
				13. Provide insulation R value for the following:
				a. Attic space
				b. Exterior wall cavity
				c. Crawl space (if applicable)
				c) Metal frame wall and roof (designed, signed and sealed by Florida Prof.
	IL			Engineer or Architeet)
	NA		_	Floor Framing System:
		Ξ,		a) Floor truss package including layout and details, signed and sealed by Florida
				Registered Professional Engineer
J	12	0		b) Floor joist size and spacing
	MA			c) Girder size and spacing
00000	h.	0000		d) Attachment of joist to girder
		G		e) Wind load requirements where applicable
0		_		Plumbing Fixture lavout
_		_		Electrical layout including:
TE .				a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
N				b) Ceiling fans
P P P P P P P P P P P P P P P P P P P				c) Smoke detectors
1/				d) Service panel and sub-panel size and location(s)
77/		0		e) Meter location with type of service entrance (overhead or underground)
0/		0		f) Appliances and HVAC equipment
5/				g) Arc Fault Circuits (AFCI) in bedrooms
	4			HVAC information
1				a) Manual J sizing equipment or equivalent computation
0/		D		b) Exhaust fans in bathroom
E/		6		Energy Calculations (dimensions shall match plans)
0		0	÷	Gas System Type (LP or Natural) Location and BTU demand of equipment N/A
				Disclosure Statement for Owner Builders
				Notice Of Commencement
				Private Potable Water - Private weter system
				a) Size of pump motor
				b) Size of pressure tank
				c) Cycle stop valve if used
				1
•				
*				

b) Wood frame wall

1. All materials making up wall

hinge bracing detail

Size and species of studs
 Sheathing size, type and nailing schedule
 Headers sized

8. Fire resistant construction (if applicable)9. Fireproofing requirements

5. Gable end showing balloon framing detail or gable truss and wall

6. All required fasteners for continuous tie from roof to foundation

 Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements

10. Show type of termite treatment (termiticide or alternative method)

(truss anchors, straps, anchor bolts and washers)

and product evaluation with wind resistance rating)

District No. 1 - Ronald Williams District No. 2 - Dewey Weaver District No. 3 - George Skinner District No. 4 - Stephen E. Bailey District No. 5 - Elizabeth Porter



BOARD OF COUNTY COMMISSIONERS . COLUMBIA COUNTY

December 29, 2006

TO: Columbia County Board of County Commissioners

FR: Laurie Hodson, Building & Zoning Office Manager

RE: Permit refund

A refund of \$403.68, the permit fee, is requested for Bryan Zecher of Cornerstone Developers. Permit 23915 was originally pulled on November 30, 2005. The Building Department has done no inspections reference to this permit. Please see the attached letter of explanation from contractor.

Fee paid by check # 1257, for a total amount of \$478.68, receipt # 23915. Only \$403.68 of the permit fees are refundable. This is not including the flood zone fee and the zoning fee for a total of \$75.00, which is work the Building Department staff has performed in reference to the permit.

The fee was deposited into account: MSBU - Permits - 322.100

Payable to: Bryan Zecher of Cornerstone Developers, LLC. 180 NW Amenity Court Lake City, FL 32055 386-752-5613

XC: Lisa Roberts
Permit file

BOARD MEETS FIRST THURSDAY AT 7:00 P.M. AND THIRD THURSDAY AT 7:00 P.M.

P. O. BOX 1529

LAKE CITY. FLORIDA 32056-1529

PHONE (386) 755-4100

CORNERSTONE DEVELOPERS, LLC 180 NW AMENITY COURT LAKE CITY, FLORIDA 32055 (386) 752-1711 Fax (386) 752-5613

July 14, 2006

Columbia County Building & Zoning Department 135 NE Hernando Avenue, Suite B-21 Lake City, FL 32055

> Re: Lot 73, Emerald Cove 203 SW Timberland Court, Lake City, FL Permit No. 23915

Ladies and Gentlemen:

Several months ago we applied for an application on the above lot in Columbia County and received the above Permit Number. Attached is a copy of the Building Permit.

Please be advised that we have not started construction on this lot – the lot hasn't even been cleared to date. The original purchaser cancelled their contract and we have recently resold the lot and have turned in a new application No. 0607-26.

Please refund our original permit fee which we paid. If you have any questions, please feel free to contact me.

Sincerely,

Bryan Zecher

