

DATE 06/27/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT

000024679

APPLICANT SUSAN FAIR PHONE 752-1711
ADDRESS 180 NW AMENITY COURT LAKE CITY FL 32055
OWNER CORNERSTONE DEVELOPERS PHONE 752-1711
ADDRESS 231 SW TIMBERLAND COURT LAKE CITY FL 32055
CONTRACTOR BRYAN ZECHER PHONE 752-8653
LOCATION OF PROPERTY 90W, TL ON HEATHRIDGE, TR ON TIMBERLAND COURT, 5TH LOT ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 68500.00
HEATED FLOOR AREA 1370.00 TOTAL AREA 2049.00 HEIGHT 1 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 17
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 33-3S-16-02438-174 SUBDIVISION EMERALD COVE
LOT 74 BLOCK PHASE UNIT TOTAL ACRES

000001135
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 06-0595-N BK JH
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD

Check # or Cash 2395

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 345.00 CERTIFICATION FEE \$ 10.25 SURCHARGE FEE \$ 10.25
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 465.50

INSPECTORS OFFICE CLERKS OFFICE

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 INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

465.50

Revised 9-23-04

For Office Use Only Application # 0606-43 Date Received 6/14/06 By G Permit # 1135/24679
Application Approved by - Zoning Official BLK Date 220606 Plans Examiner OKJTH Date 8-20-06
Flood Zone Xpilot Development Permit NA Zoning RSF-2 Land Use Plan Map Category RES. Low DEN.
Comments intended / NOC

Applicants Name SUSAN FAIR Phone 752-1711
Address 180 NW AMENITY CT. LAKE CITY, FL. 32055
Owners Name CORNERSTONE DEVELOPERS Phone 752-1711
911 Address 231 SW TIMBERLAND CT. LAKE CITY, FL 32055
Contractors Name BRYAN ZECHER Phone 752-8653
Address PO BOX 815 LAKE CITY, FL 32056
Fee Simple Owner Name & Address NA
Bonding Co. Name & Address NA
Architect/Engineer Name & Address MARK DISOSWAY PO BOX 868 LAKE CITY FL 32056
Mortgage Lenders Name & Address NA
Circle the correct power company FL Power & Light Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 23-35-16-02438-174 Estimated Cost of Construction 100,000.00
Subdivision Name EMERALD COVE Lot 74 Block Unit Phase
Driving Directions TAKE 90W TO SW HEATHRIDGE DRIVE. TURN LEFT. GO TO 1ST STREET SW TIMBERLAND CT. GO RIGHT. 5TH LOT ON LEFT.

Type of Construction FRAME + BRICK Number of Existing Dwellings on Property 0
Total Acreage Lot Size 1/2 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 35' Side 25' Side 25' Rear 87'
Total Building Height 17'11" Number of Stories 1 Heated Floor Area 1370 Roof Pitch 6/12
PORCHES 218 GARAGE 461 TOTAL 2049

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

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

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

Chris W. Ay
Owner Builder or Agent (Including Contractor)

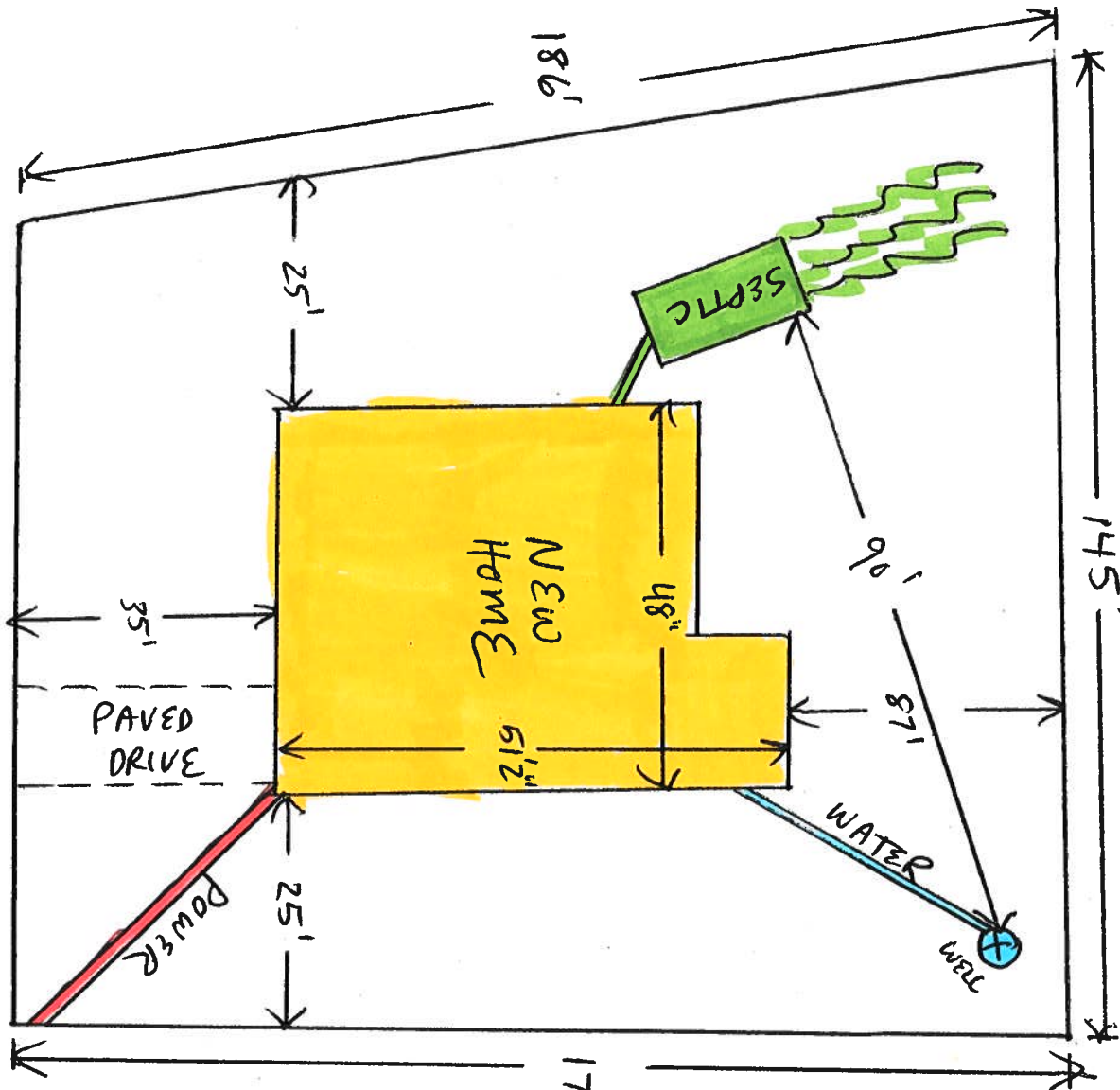
STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 14th day of June 2006.
Personally known ✓ or Produced Identification

Chris W. Ay
Contractor Signature
Contractors License Number CBC054575
Competency Card Number
NOTARY STAMP/SEAL

Leigh Ann Cannon
Notary Signature
LEIGH ANN CANNON
Notary Public - State of Florida
My Commission Expires Dec 16, 2006
Commission # DD172314
Bonded By National Notary Assn.

EMERALD COVE PHASE 1 LOT 74 SITE PLAN



CODE

- = HOME
- = POWER
- = WATER
- = SEPTIC

SW TIMBERLAND COURT

OWNER: DDP CORPORATION
ZONE: A-3

OWNER: DDP CORPORATION
ZONE: A-3

BUILDING SET BACKS.
FRONT: 25 FEET
SIDE: 10 FEET
REAR: 15 FEET

ZONING:

RST-2 - RESIDENTIAL SINGLE FAMILY 2

Z
 ZONE: RSF-2
 OWNER: DDP CORPORATION
 PART OF THE NORTHWEST 1/4
 (NOT INCLUDED)

CYPRESS LAKE PHASE 3
(PLAT BOOK 6, PAGE 80)

OWNER: ZONE: RSF-2
SHAGUFTA CHOUDHURY
UNPLATTED



PREPARED BY AND RETURN TO:

TERRY MCDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2005026450 Date:10/24/2005 Time:13:06

Doc Stamp-Deed : 3828.80

 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 18th 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.

(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.

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

DeEtte F. Brown
(Signature of First Witness)
DeEtte F. Brown
(Typed Name of First Witness)

BY: [Signature] (SEAL)
O. P. Daughtry, III,
President

(Corporate Seal)

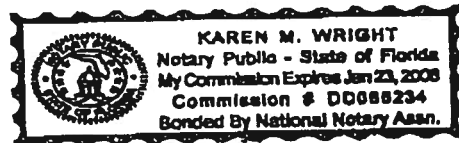
Karen M. Wright
(Signature of Second Witness)
Karen M. Wright
(Typed Name of Second Witness)

STATE OF FLORIDA
COUNTY OF COLUMBIA

10/24 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.

My Commission Expires:

[Signature]
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

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
XEROGRAPHY SERVICE
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

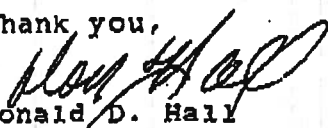
June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve 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:	605162TheVictoriaModel	Builder:	Bryan Zecher
Address:	Lot: 74, Sub: Emerald Cove, Plat:	Permitting Office:	Columbia
City, State:	Lake City, FL	Permit Number:	24679
Owner:	Model Home	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 33.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1370 ft²	13. Heating systems	
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		a. Electric Heat Pump	Cap: 33.0 kBtu/hr
a. U-factor:	Description Area		HSPF: 7.30
(or Single or Double DEFAULT)	7a. (Dble Default) 190.3 ft²	b. N/A	
b. SHGC:		c. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 190.3 ft²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 40.0 gallons
a. Slab-On-Grade Edge Insulation	R=0.0, 197.0(p) ft		EF: 0.92
b. N/A		b. N/A	
c. N/A		c. Conservation credits	
9. Wall types		(HR-Heat recovery, Solar	
a. Frame, Wood, Adjacent	R=13.0, 308.0 ft²	DHP-Dedicated heat pump)	
b. Frame, Wood, Exterior	R=13.0, 997.7 ft²	15. HVAC credits	
c. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
d. N/A		HF-Whole house fan,	
e. N/A		PT-Programmable Thermostat,	
10. Ceiling types		MZ-C-Multizone cooling,	
a. Under Attic	R=30.0, 1400.0 ft²	MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 140.0 ft		
b. N/A			

Glass/Floor Area: 0.14

Total as-built points: 24458

Total base points: 25065

PASS

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

PREPARED BY: [Signature]

DATE: 5-16-06

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

OWNER/AGENT: [Signature]

DATE: 6-14-06

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

BUILDING OFFICIAL: _____

DATE: _____



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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 74, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ormt Len Hgt			Area X SPM X SOF = Points			
.18	1370.0	20.04	4941.9	Double, Clear	W	1.5	1.5	3.3	38.52	0.53	67.4
				Double, Clear	W	1.5	5.5	45.0	38.52	0.90	1554.9
				Double, Clear	W	1.5	7.5	20.0	38.52	0.95	731.3
				Double, Clear	E	1.5	5.5	45.0	42.06	0.90	1696.4
				Double, Clear	E	4.0	5.5	30.0	42.06	0.60	759.5
				Double, Clear	S	1.5	5.5	15.0	35.87	0.83	447.7
				Double, Clear	S	1.5	1.2	32.0	35.87	0.49	559.1
				As-Built Total:			190.3			5816.4	
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	308.0	0.70	215.6	Frame, Wood, Adjacent	13.0			308.0	0.60	184.8	
Exterior	997.7	1.70	1696.1	Frame, Wood, Exterior	13.0			997.7	1.50	1496.6	
Base Total:				As-Built Total:			1305.7			1681.4	
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	20.0	1.60	32.0	Exterior Insulated				20.0	4.10	82.0	
Exterior	40.0	4.10	164.0	Exterior Insulated				20.0	4.10	82.0	
				Adjacent Insulated				20.0	1.60	32.0	
Base Total:				As-Built Total:			60.0			196.0	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1370.0	1.73	2370.1	Under Attic	30.0			1400.0	1.73 X 1.00	2422.0	
Base Total:				As-Built Total:			1400.0			2422.0	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	197.0(p)	-37.0	-7289.0	Slab-On-Grade Edge Insulation	0.0			197.0(p)	-41.20	-8116.4	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:			197.0			-8116.4	
INFILTRATION Area X BSPM = Points							Area X SPM = Points				
1370.0 10.21 13987.7							1370.0 10.21			13987.7	

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 74, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 16118.4				Summer As-Built Points: 15987.0						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
16118.4	0.4266		6876.1	(sys 1: Central Unit 33000 btuh , SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 15987	1.00	(1.09 x 1.147 x 0.91)	0.310	1.000		5643.4
				15987.0	1.00	1.138	0.310	1.000		5643.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 74, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT						
GLASS TYPES										
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM	X WOF	= Points	
.18	1370.0	12.74	3141.7	Double, Clear	W	1.5 1.5	3.3	20.73	1.17	79.8
				Double, Clear	W	1.5 5.5	45.0	20.73	1.03	959.0
				Double, Clear	W	1.5 7.5	20.0	20.73	1.01	420.2
				Double, Clear	E	1.5 5.5	45.0	18.79	1.04	880.6
				Double, Clear	E	4.0 5.5	30.0	18.79	1.20	678.6
				Double, Clear	S	1.5 5.5	15.0	13.30	1.15	228.8
				Double, Clear	S	1.5 1.2	32.0	13.30	3.11	1324.8
				As-Built Total:				190.3		4571.8
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM	= Points		
Adjacent	308.0	3.60	1108.8	Frame, Wood, Adjacent	13.0		308.0	3.30	1016.4	
Exterior	997.7	3.70	3691.5	Frame, Wood, Exterior	13.0		997.7	3.40	3392.2	
Base Total:				As-Built Total:				1305.7		4408.6
DOOR TYPES Area X BWPM = Points				Type			Area X WPM	= Points		
Adjacent	20.0	8.00	160.0	Exterior Insulated			20.0	8.40	168.0	
Exterior	40.0	8.40	336.0	Exterior Insulated			20.0	8.40	168.0	
				Adjacent Insulated			20.0	8.00	160.0	
Base Total:				As-Built Total:				60.0		496.0
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM	= Points		
Under Attic	1370.0	2.05	2808.5	Under Attic	30.0		1400.0	2.05 X 1.00	2870.0	
Base Total:				As-Built Total:				1400.0		2870.0
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM	= Points		
Slab	197.0(p)	8.9	1753.3	Slab-On-Grade Edge Insulation	0.0		197.0(p)	18.80	3703.6	
Raised	0.0	0.00	0.0							
Base Total:				As-Built Total:				197.0		3703.6
INFILTRATION Area X BWPM = Points								Area X WPM	= Points	
	1370.0	-0.59	-808.3					1370.0	-0.59	-808.3

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 74, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT									
Winter Base Points: 12191.5				Winter As-Built Points: 15241.7									
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Heating Points
12191.5		0.6274	7648.9	(sys 1: Electric Heat Pump 33000 btuh ,EFF(7.3) Ducts:Unc(S),Unc(R),Int(AH),R6.0 15241.7 1.000 (1.069 x 1.169 x 0.93) 0.467 1.000 8274.5 15241.7 1.00 1.162 0.467 1.000 8274.5									

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 74, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING					Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume		Bedrooms		Ratio	Multiplier
Bedrooms										Credit = Total
										Multiplier
4		2635.00		10540.0	40.0	0.92	4		1.00	2635.00
										1.00
										10540.0
					As-Built Total:					10540.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
6876		7649		10540		25065	5643		8274
									10540
									24458

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 74, 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.	
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* = 83.3

The higher the score, the more efficient the home.

Model Home, Lot: 74, Sub: Emerald Cove, Plat: , Lake City, FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 33.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	1370 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 33.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 190.3 ft ²		HSPF: 7.30
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 190.3 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 197.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Adjacent	R=13.0, 308.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Exterior	R=13.0, 997.7 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1400.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 140.0 ft		
b. N/A			

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: Chris Ly Date: 6-14-06

Address of New Home: 331 SW TIMBERLAND CT. City/FL Zip: LAKE CITY FL 32055



*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 EnergyStarTM 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.

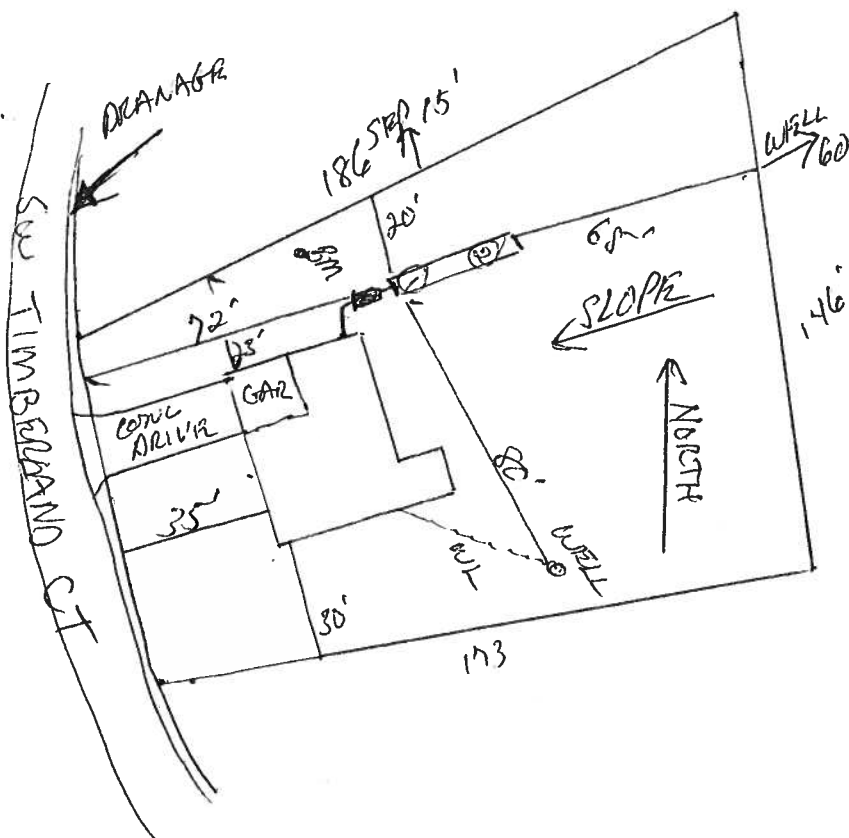
¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLR2PB v4.1)

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

Permit Application Number 06-0595

----- PART II - SITEPLAN -----

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rock D F MASTER CONTRACTOR

Plan Approved ☒ Not Approved ☐ Date 6/26/06

By M. O. R. Columbus County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

ected with 5 or more sections must be
struts for the additional intermediate
in the third section.
1. Sections less than 20.812" must be
the actual section height + 20.812".
1 x 5/8" LONG TYPE AB HEX HEAD METAL SCREW
WIND WARNINGS ISSUED.

3.

3.

3.



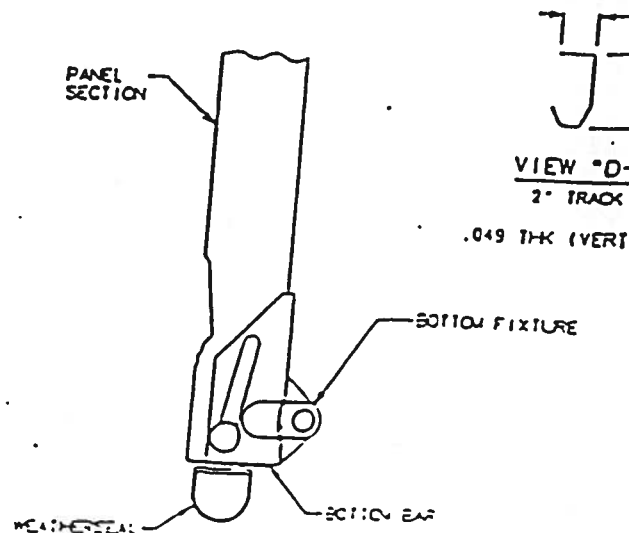
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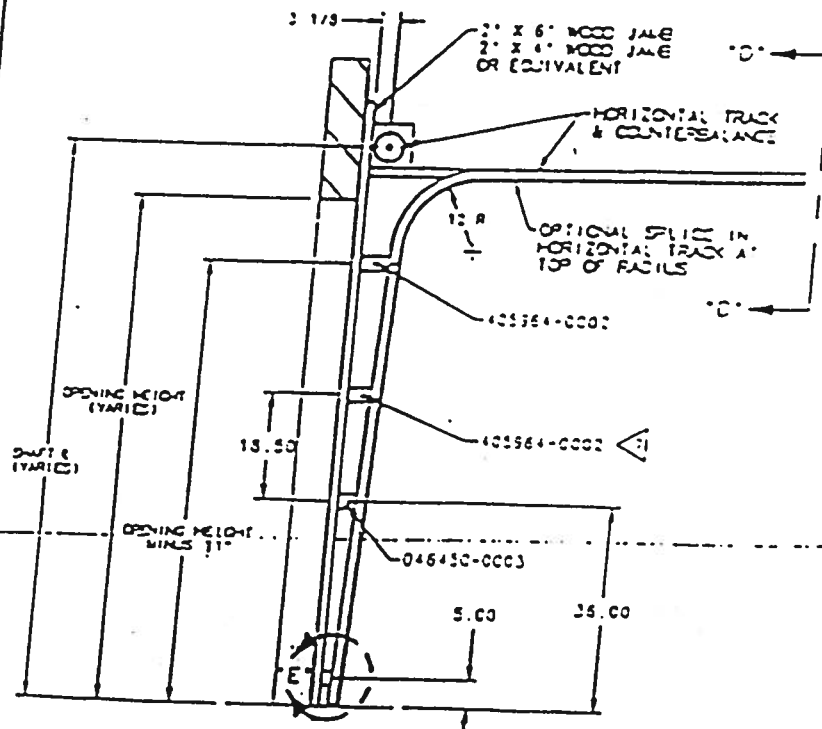
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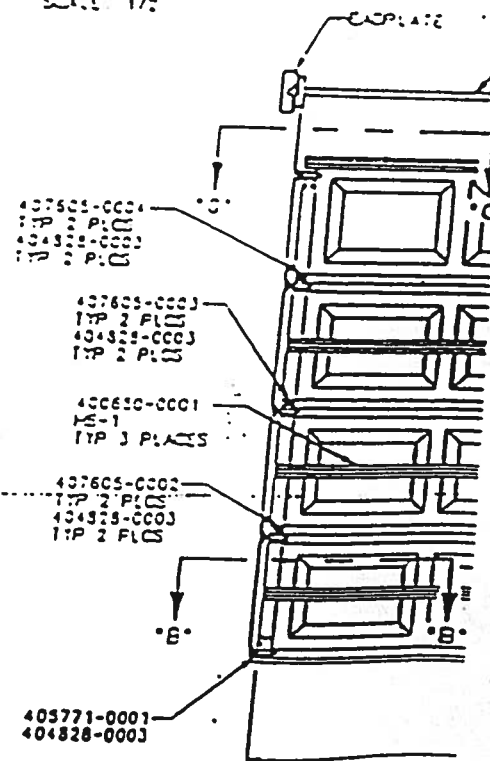
9. THE STRUT PLACEMENT ON C
CONSISTENT WITH THE DOOR
SECTIONS ARE TO BE PLACE
10. THE STRUT PLACEMENT DIMEN
REDUCED BY THE DIFFERENCI
11. SCREW P/N 803911-0001 IS
12. POST TO BE INSTALLED ONLY
13. STRUT PLACEMENTS CAN VARY
14. QUANTITY FOR LOCKS CAN BE



SECTION C-C
SCALE 1/2"



STANDARD TRACK DETAIL FOR 16'
SCALE: 1/16" = 1'



DOOR TESTED WAS 291 SERIES.

DOOR WIDTH	CENTER STILE	END STILE	ROLLER SHFT BRACKET	STRUTS/SECT.	ROLLER	VERTICAL TRACK GAGE	JAMB LOAD ((PER FT-11))	HARDWARE
16"	3	SINGLE		MS1 MS0	2" X 7/16"	.049"	100	STD.

Anthony POWER HEADER®**GARAGE HEADER 84 26F_b - 1.9E**

ENGINEERED WOOD SECTION PROPERTIES AND LOAD CAPACITIES
ALLOWABLE DESIGN STRESSES (PSI):

FLEXURAL STRESS (F_b) = 2600
COMPRESSION PERP. TO GRAIN ($F_{c\perp}$) = 740
HORIZONTAL SHEAR (F_v) = 225
MODULUS OF ELASTICITY (MOE) = 1.9×10^6

Span (ft)	7.7	9.0	10.4	11.7	12.9	14.2	15.5
Weight (lb/ft)	326	514	789	1115	1521	2014	2604
Flexure (ft-k)	8865	12015	15996	20145	24772	29877	35460
Shear (lb)	3908	4550	5250	5892	6533	7175	7817

NOTES:

1. 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, F_b , shall be modified by the Volume Factor, C_v , 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 ATC NER 466 was used in calculating the above allowable design stresses for Power Header®.

GARAGE HEADER COMPARISONS

Weight (lb/ft)	3-1/2" x 8-3/8"	3-1/2" x 9-5/8"	3-1/2" x 9"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"
810/540	3-1/2" x 8-3/8"	3-1/2" x 9-5/8"	3-1/2" x 9"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"
990/720	3-1/2" x 9-3/4"	3-1/2" x 9-5/8"	3-1/2" x 10-1/2"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"
640/400	3-1/2" x 12-5/8"	3-1/2" x 13-1/4"	3-1/2" x 13-1/2"	3-1/2" x 14"	3-1/2" x 14"
765/510	3-1/2" x 14"	3-1/2" x 15-1/8"	3-1/2" x 15"	3-1/2" x 14"	3-1/2" x 16"
750/480	3-1/2" x 15-1/8"	3-1/2" x 16-1/2"	3-1/2" x 16-1/2"	3-1/2" x 16"	3-1/2" x 18"
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 16"	—

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 HEADER® is a trademark of
Anthony Forest Products Company
Post Office Box 1877 • El Dorado, Arkansas 71731
Internet address: <http://www.anthonyforest.com>
e-mail: info@anthonyforest.com
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Distributed by:

WOODFORD PLYWOOD, INC.
"Structural Wood Products"

11960 West Beaver Street
Jacksonville, Florida 32220

(904) 685-9080
(800) 447-6568
FAX (904) 685-9160

Anthony POWER HEADER®

26F_b - 1.9E

3-1/2" WIDTH GARAGE HEADER PLF CAPACITY

844	896	1216	1573								
161	207	254	330	390	510	552	669	752	824		
114	145	180	231	277	359	391	510	534	653	707	789

844	975	1322								
761	207	254	330	390	510	552	724	732	897	
114	145	180	231	277	359	391	510	534	699	693

562	772	888	1056	1363	1367	1582						
107	153	169	245	260	380	368	540	501	715	664	864	840
76	107	120	171	185	267	261	380	356	321	471	684	609 813

NOTES:

- NOTES:**
1. Values shown are the maximum uniform loads in pounds per lineal foot (PLF) that can be applied to the header. Header weight has been subtracted from the allowable total load.
 2. 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 supports.
 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.
 5. Deflection limits are listed within the PLF table heading.

GARAGE HEADER SIZING USING PLF TABLES:

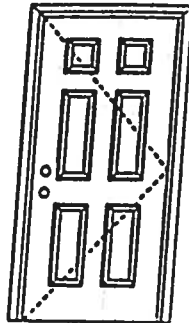
GARAGE HEADER SIZING USING PLF TABLES:
To size a garage header supporting roof only, determine the total load & live load in pounds per lineal foot (PLF). Check the appropriate PLF table for a header supporting roof loads only (125% Non-Snow vs. 115% Snow) and select a member with a total load and live 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 duration) which has a total load and live load capacity equal to or greater than the design load for the appropriate rough opening.

X
Opaque Inswing Unit

COP-WL-JH4101-02

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".



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itsmna.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+66.0/-66.0

Limited water unless special structural design is used

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

Actual design pressure and impact resistance requirements for a specific building design and geographic location are determined by ASCE 7-05 and state or local building codes which the person requires.

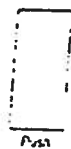
MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MCD-WL-MAC001-02

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MCD-WL-MAC001-02

APPROVED DOOR STYLES:



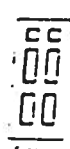
Plain



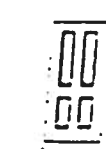
Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



6-panel



15-panel



3-panel



3-panel with screen



Eyebrow 3-panel



Eyebrow 3-panel with screen

Johnson
EntrySystems

June 17, 2002
Our continuing program of product development allows construction, design and product groups to change without notice.



Reintroducing from
Masonite
Masonite International Corporation

X

Opaque Inswing Unit

COP-WL-JH4101-02

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
PA201, PA202 & PA203

COMPANY NAME
CITY STATE

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).

Kurt L. Balhazor

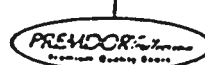
State of Florida, Professional Engineer
Kurt Balhazor, P.E. - License Number 56533



Test Data Review Certificate #3026447A and COP/Int Report Validation Matrix #3026447A-001 provides additional information - available from the ITSWH website (www.itswah.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson
EntrySystems

June 17, 2002
Our continuing program of product development makes specifications change and product price subject to change without notice.



Exclusively from
Masonite
Masonite International Corporation

WINDOWS



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

Rendered to:

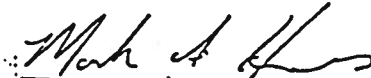
MI HOME PRODUCTS, INC.

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

Title of Test	Results
Rating	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 ²
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 description and data.

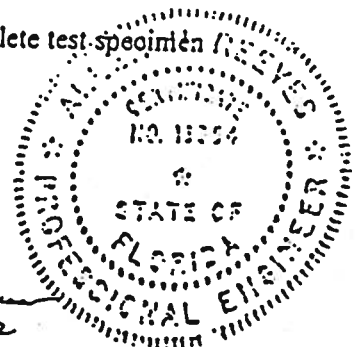
For ARCHITECTURAL TESTING, INC.



Mark A. Hess, Technician

MAH:nlb


1 APRIL 2002





Architectural Testing

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 AAMA/NWWDA 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' 0-3/8" 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

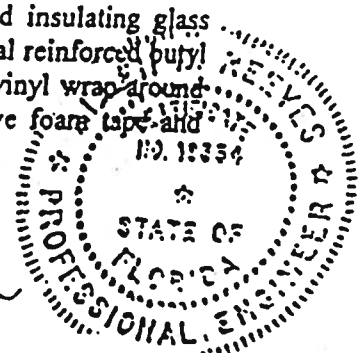
Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

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 butyl 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: 717.764.4125
www.archtest.com

Allen T. Rimmer
1 APRIL 2002



Test Specimen Description: (Continued)

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
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	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners 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.

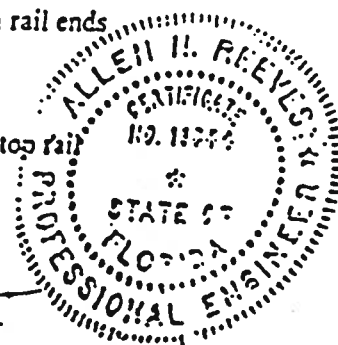
Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

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

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
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

Allen H. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
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
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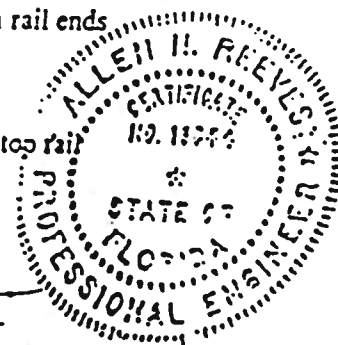
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<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Metal cam lock with keeper		Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail

Allen H. Reeves
1 APRIL 2002





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:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.1	Operating Force	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 cfm/ft ²	0.3 cfm/ft ² max

Note #1: The tested specimen meets the performance levels specified in ASTM E 283-91 101/1.5. 2-97 for air infiltration.

Water Resistance (ASTM E 547-00)
(with and without screen)
WTP = 2.86 psf

No leakage

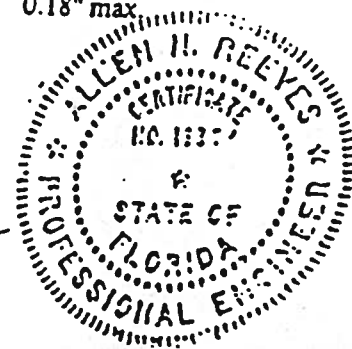
No leakage

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) @ 25.9 psf (positive) @ 34.7 psf (negative)	0.42" 0.43"	0.26" max. 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) @ 52.1 psf (negative)	0.02" 0.02"	0.18" max. 0.18" max.
---------	---	----------------	--------------------------

Allen H. Reeves
1 APRIL 2002





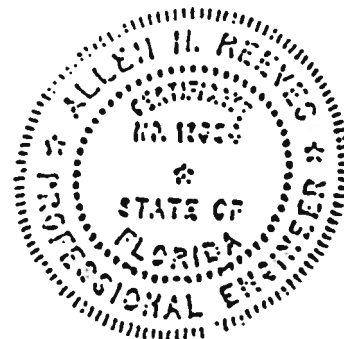
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. 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

MAH:mb
01-41134.01

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



Test Specimen Description: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.2	Deglazing Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 555-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test:	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test:	No entry	No entry

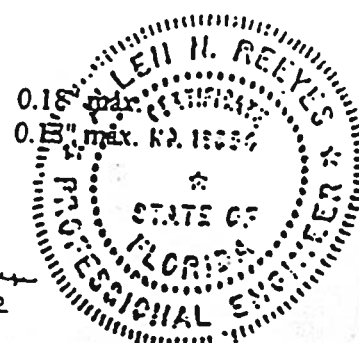
Optional Performance

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)	0.47"	0.26" max.
	@ 47.2 psf (negative)	0.46"	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)	0.05"	
@ 70.8 psf (negative)	0.05"	

Allen H. Reekes
1 APRIL 2002



SHINGLES



March 6, 2002

Subject: Elk Product Approval Information

All Prestique® and Capstone® products manufactured in Tuscaloosa, AL are certified under the Miami - Dade County Building Code Office (BCCO). These products also meet 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 certification:

ASTM D3462

PA 100 (110 mph uplift and wind driven rain resistance)

PA 107 (Modified ASTM D3161 - 110 mph wind uplift resistance)

The nailing patterns that were used during the PA 100 and PA 107 wind test protocols for the Prestique and Capstone products are listed below. Also listed below are the Miami - Dade Notice of Acceptance Numbers (NOA).

Raised Profile, Prestique High Definition, Prestique DS, or Prestique DS -

PA 100 = 4 nails

PA 107 = 5 nails

MD NOA# = 01-1226 04

Prestique DS or Prestique L -

PA 100 = 4 nails

PA 107 = 5 nails

MD NOA# = 01-1226 05

Prestique Plus or Prestique Gallery Collection -

PA 100 = 4 nails

PA 107 = 4 nails

MD NOA# = 01-1226 03

Capstone®

PA 100 = 4 Nails

PA 107 = 4 Nails

MD NOA# = 01-0523.01

* As per the Elk Limited Warranty, six nails are required for the Elk high wind warranty.

If there are any questions please contact:

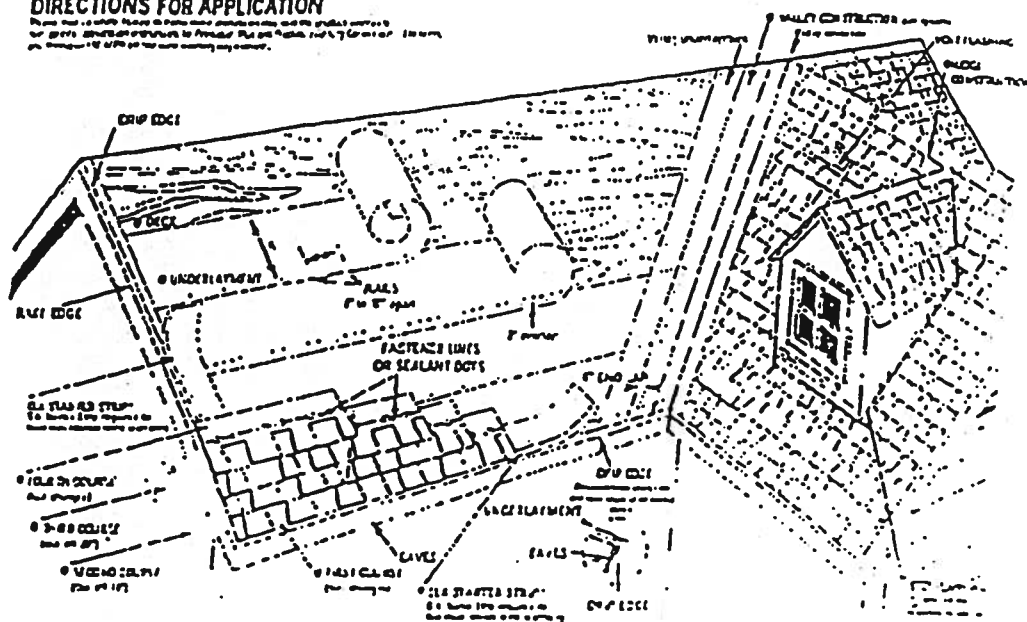
Mike Reed - Technical Manager
(205) 342-0287

or

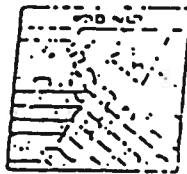
Daniel DeJarnette - QA Engineer
(205) 342-0293

DIRECTIONS FOR APPLICATION

It is the policy of the United States to support the people of the Republic of the Philippines in their struggle for independence from the Japanese. The United States will continue to support the Philippine Republic in its efforts to achieve independence and to establish a democratic government.



A. 4.1.1.1 CONSTRUCTION OF THE STATE SPACE OF THE SYSTEM

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7/10/1910



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COPIES FOR ARCHIVE

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1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

0-0000000000

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a formal address, and it is the first of its kind since the signing of the Constitution. The President, James Buchanan, is addressing the Congress, and he is doing so in a very formal and dignified manner. He is discussing the state of the Union, and he is also discussing the issue of slavery. He is saying that the Union is in a state of crisis, and that he is doing everything in his power to maintain it. He is also saying that he is not going to allow the Union to be divided over the issue of slavery.

LOW FLASHING FOR 12 DAYS AND A BUCKING
FOR 12 DAYS. 10 TO 15 MIN. MANUAL CO. (MPS)
1000 (MPS)

ROOFING PRODUCTS SPECIFICATIONS - TUSCALOOSA, AL



**PRESTIGE®
HIGH DEFINITION®**



RAISED PROFILE

•. *Hydrophilus*

[illegible]

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Am. ...	111	...
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IMP AND RICE SPINDLES

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Miss Gaine

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የተሳተፉት	13	በዚህ ጊዜ ወይም በሌላ ጊዜ
የተሳተፉት	14	በዚህ ጊዜ ወይም በሌላ ጊዜ
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1. 1990年12月1日
 2. 1990年12月1日
 3. 1990年12月1日
 4. 1990年12月1日
 5. 1990年12月1日

[illegible][illegible][illegible]

1. The first step is to identify the problem. This involves understanding the situation, gathering information, and defining the problem clearly.

SOUTHEAST &
ATLANTIC OFFICE:
R07.946.3351

CORPORATE HEADQUARTERS.
ATTN 154 7732

PLANT LOCATION
860.945.5545

ELK
www.elkcorp.com

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

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☒	☐	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.
☒	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	<u>Site Plan including:</u> a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u> a) Plans or specifications must state compliance with FBC Section 1606 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 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 specially designed by the registered design professional
☒	☐	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height g) Number of stories

- ☒
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- ☐

NA
NA

NA

NA

Floor Plan including:

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- d) ~~Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth~~
- e) ~~Stairs with dimensions (width, tread and riser) and details of guardrails and handrails~~
- f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

- a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel

Roof System:

- a) Truss package including:
 - 1. Truss layout and truss details signed and sealed by FI. Pro. Eng.
 - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
 - 1. Rafter size, species and spacing
 - 2. Attachment to wall and uplift
 - 3. Ridge beam sized and valley framing and support details
 - 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- a) Masonry wall
 - 1. All materials making up wall
 - 2. Block size and mortar type with size and spacing of reinforcement
 - 3. Lintel, tie-beam sizes and reinforcement
 - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 - 7. Fire resistant construction (if required)
 - 8. Fireproofing requirements
 - 9. Shoe type of termite treatment (termicide or alternative method)
 - 10. 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 fire fabric reinforcement and supports
 - 11. Indicate where pressure treated wood will be placed
 - 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

□ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
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)

□ *NA* □ ~~e) Metal frame wall and roof (designed, signed and sealed by Florida Prof Engineer or Architect)~~

Floor Framing System:

- *NA* □ ~~a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer~~
- ~~b) Floor joist size and spacing~~
- ~~c) Girder size and spacing~~
- ~~d) Attachment of joist to girder~~
- ~~e) Wind load requirements where applicable~~

Plumbing Fixture layout

Electrical layout including:

- ☒ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- ☒ b) Ceiling fans
- ☒ c) Smoke detectors
- ☒ d) Service panel and sub-panel size and location(s)
- ☒ e) Meter location with type of service entrance (overhead or underground)
- ☒ f) Appliances and HVAC equipment
- ☒ g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

- ☒ a) Manual J sizing equipment or equivalent computation
- ☒ b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)

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 water system*

- ☒ a) Size of pump motor
- ☒ b) Size of pressure tank
- ☒ c) Cycle stop valve if used

Residential System Sizing Calculation

Summary

Model Home

Project Title:
605162TheVictoriaModel

Class 3 Rating
Registration No. 0
Climate: North

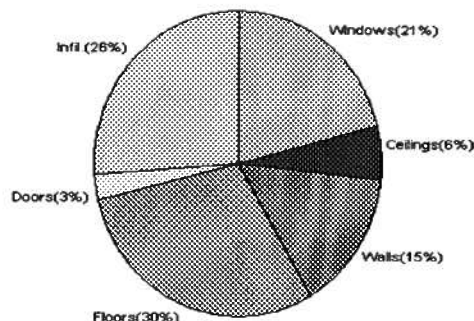
5/16/2006

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	28904 Btuh	Total cooling load calculation	22163 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	114.2 33000	Sensible (SHR = 0.75)	141.8 24750
Heat Pump + Auxiliary(0.0kW)	114.2 33000	Latent	175.2 8250
		Total (Electric Heat Pump)	148.9 33000

WINTER CALCULATIONS

Winter Heating Load (for 1370 sqft)

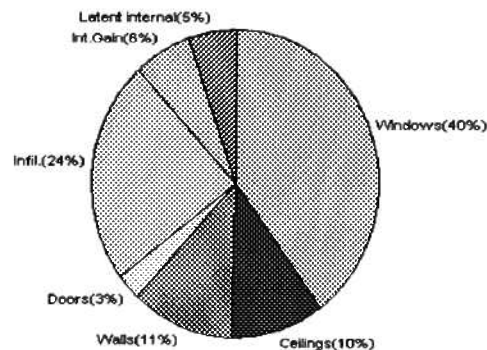
Load component		Load	
Window total	190 sqft	6126	Btuh
Wall total	1306 sqft	4288	Btuh
Door total	60 sqft	777	Btuh
Ceiling total	1400 sqft	1650	Btuh
Floor total	197 sqft	8601	Btuh
Infiltration	184 cfm	7463	Btuh
Duct loss		0	Btuh
Subtotal		28904	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		28904	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1370 sqft)

Load component		Load	
Window total	190 sqft	8833	Btuh
Wall total	1306 sqft	2546	Btuh
Door total	60 sqft	588	Btuh
Ceiling total	1400 sqft	2318	Btuh
Floor total		0	Btuh
Infiltration	96 cfm	1787	Btuh
Internal gain		1380	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		17453	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		3510	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		4710	Btuh
TOTAL HEAT GAIN		22163	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *[Signature]*

DATE: 5-16-06

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Model Home

Project Title:
605162TheVictoriaModel

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

5/16/2006

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	3.3		32.2	106 Btuh
2	2, Clear, Metal, 0.87	NW	45.0		32.2	1449 Btuh
3	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
4	2, Clear, Metal, 0.87	SE	45.0		32.2	1449 Btuh
5	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
6	2, Clear, Metal, 0.87	SW	15.0		32.2	483 Btuh
7	2, Clear, Metal, 0.87	SW	32.0		32.2	1030 Btuh
	Window Total		190(sqft)			6126 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Adj(0.09)	13.0	308		3.3	1011 Btuh
2	Frame - Wood - Ext(0.09)	13.0	998		3.3	3277 Btuh
	Wall Total		1306			4288 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
3	Insulated - Exterior		20		12.9	259 Btuh
	Door Total		60			777Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1400		1.2	1650 Btuh
	Ceiling Total		1400			1650Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	197.0	ft(p)	43.7	8601 Btuh
	Floor Total		197			8601 Btuh
	Zone Envelope Subtotal:					21441 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.94	11760	184.2		7463 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					28904 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Model Home

Project Title:
605162TheVictoriaModel

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL

5/16/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	28904 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	28904 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)



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Model Home

Project Title:
605162TheVictoriaModel

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

5/16/2006

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	3.3		32.2	106 Btuh
2	2, Clear, Metal, 0.87	NW	45.0		32.2	1449 Btuh
3	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
4	2, Clear, Metal, 0.87	SE	45.0		32.2	1449 Btuh
5	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
6	2, Clear, Metal, 0.87	SW	15.0		32.2	483 Btuh
7	2, Clear, Metal, 0.87	SW	32.0		32.2	1030 Btuh
	Window Total		190(sqft)			6126 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Adj(0.09)	13.0	308		3.3	1011 Btuh
2	Frame - Wood - Ext(0.09)	13.0	998		3.3	3277 Btuh
	Wall Total		1306			4288 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
3	Insulated - Exterior		20		12.9	259 Btuh
	Door Total		60			777Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1400		1.2	1650 Btuh
	Ceiling Total		1400			1650Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	197.0	ft(p)	43.7	8601 Btuh
	Floor Total		197			8601 Btuh
	Zone Envelope Subtotal:					21441 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.94	11760	184.2		7463 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					28904 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Model Home

Project Title:
605162TheVictoriaModel

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL

5/16/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	28904 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	28904 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)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Model Home

Project Title:
605162TheVictoriaModel

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

5/16/2006

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	1.5ft.	3.3	0.0	3.3	29	60	198 Btuh
2	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	45.0	0.0	45.0	29	60	2702 Btuh
3	2, Clear, 0.87, None,N,N	NW	1.5ft.	7.5ft.	20.0	0.0	20.0	29	60	1201 Btuh
4	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	45.0	18.2	26.8	29	63	2203 Btuh
5	2, Clear, 0.87, None,N,N	SE	4ft.	5.5ft.	30.0	30.0	0.0	29	63	869 Btuh
6	2, Clear, 0.87, None,N,N	SW	1.5ft.	5.5ft.	15.0	6.1	8.9	29	63	734 Btuh
7	2, Clear, 0.87, None,N,N	SW	1.5ft.	1.16	32.0	32.0	0.0	29	63	927 Btuh
Window Total					190 (sqft)					8833 Btuh
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load
1	Frame - Wood - Adj	13.0/0.09			308.0			1.5		465 Btuh
2	Frame - Wood - Ext	13.0/0.09			997.7			2.1		2081 Btuh
Wall Total						1306 (sqft)			2546 Btuh	
Doors	Type				Area (sqft)			HTM		Load
1	Insulated - Adjacent				20.0			9.8		196 Btuh
2	Insulated - Exterior				20.0			9.8		196 Btuh
3	Insulated - Exterior				20.0			9.8		196 Btuh
Door Total						60 (sqft)			588 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load
1	Vented Attic/DarkShingle	30.0			1400.0			1.7		2318 Btuh
Ceiling Total						1400 (sqft)			2318 Btuh	
Floors	Type	R-Value			Size			HTM		Load
1	Slab On Grade	0.0			197 (ft(p))			0.0		0 Btuh
Floor Total						197.0 (sqft)			0 Btuh	
	Zone Envelope Subtotal:									14285 Btuh
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load
	SensibleNatural	0.49			11760			96.0		1787 Btuh
Internal gain	Occupants			Btuh/occupant			Appliance		Load	
	6			X 230 +			0		1380 Btuh	
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic) DGM = 0.00									0.0 Btuh
	Sensible Zone Load									17453 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Model Home

Project Title:
605162TheVictoriaModel

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL

5/16/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	17453 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	17453 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	17453 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3510 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4710 Btuh
	TOTAL GAIN	22163 Btuh

*Key: Window types (Pn - Number of panes of glass)
(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(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Model Home

Project Title:
605162TheVictoriaModel

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

5/16/2006

Component Loads for Zone #1: Main

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	1.5ft.	3.3	0.0	3.3	29	60	198 Btuh
2	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	45.0	0.0	45.0	29	60	2702 Btuh
3	2, Clear, 0.87, None,N,N	NW	1.5ft.	7.5ft.	20.0	0.0	20.0	29	60	1201 Btuh
4	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	45.0	18.2	26.8	29	63	2203 Btuh
5	2, Clear, 0.87, None,N,N	SE	4ft.	5.5ft.	30.0	30.0	0.0	29	63	869 Btuh
6	2, Clear, 0.87, None,N,N	SW	1.5ft.	5.5ft.	15.0	6.1	8.9	29	63	734 Btuh
7	2, Clear, 0.87, None,N,N	SW	1.5ft.	1.16	32.0	32.0	0.0	29	63	927 Btuh
Window Total					190 (sqft)					8833 Btuh
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load
1	Frame - Wood - Adj	13.0/0.09			308.0			1.5		465 Btuh
2	Frame - Wood - Ext	13.0/0.09			997.7			2.1		2081 Btuh
Wall Total					1306 (sqft)					2546 Btuh
Doors	Type				Area (sqft)			HTM		Load
1	Insulated - Adjacent				20.0			9.8		196 Btuh
2	Insulated - Exterior				20.0			9.8		196 Btuh
3	Insulated - Exterior				20.0			9.8		196 Btuh
Door Total					60 (sqft)					588 Btuh
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load
1	Vented Attic/DarkShingle	30.0			1400.0			1.7		2318 Btuh
Ceiling Total					1400 (sqft)					2318 Btuh
Floors	Type	R-Value			Size			HTM		Load
1	Slab On Grade	0.0			197 (ft(p))			0.0		0 Btuh
Floor Total					197.0 (sqft)					0 Btuh
Zone Envelope Subtotal:										14285 Btuh
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load
SensibleNatural		0.49			11760			96.0		1787 Btuh
Internal gain	Occupants			Btuh/occupant			Appliance		Load	
		6			X 230 +			0		1380 Btuh
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh
Sensible Zone Load										17453 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Model Home

Project Title:
605162TheVictoriaModel

Class 3 Rating
Registration No. 0
Climate: North

Lake City, FL

5/16/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	17453 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	17453 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	17453 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3510 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4710 Btuh
	TOTAL GAIN	22163 Btuh

*Key: Window types (Pn - Number of panes of glass)

(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(B), Draperies(D) or Roller Shades(R))

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

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Model Home

Project Title:
605162TheVictoriaModel

Class 3 Rating
Registration No. 0
Climate: North

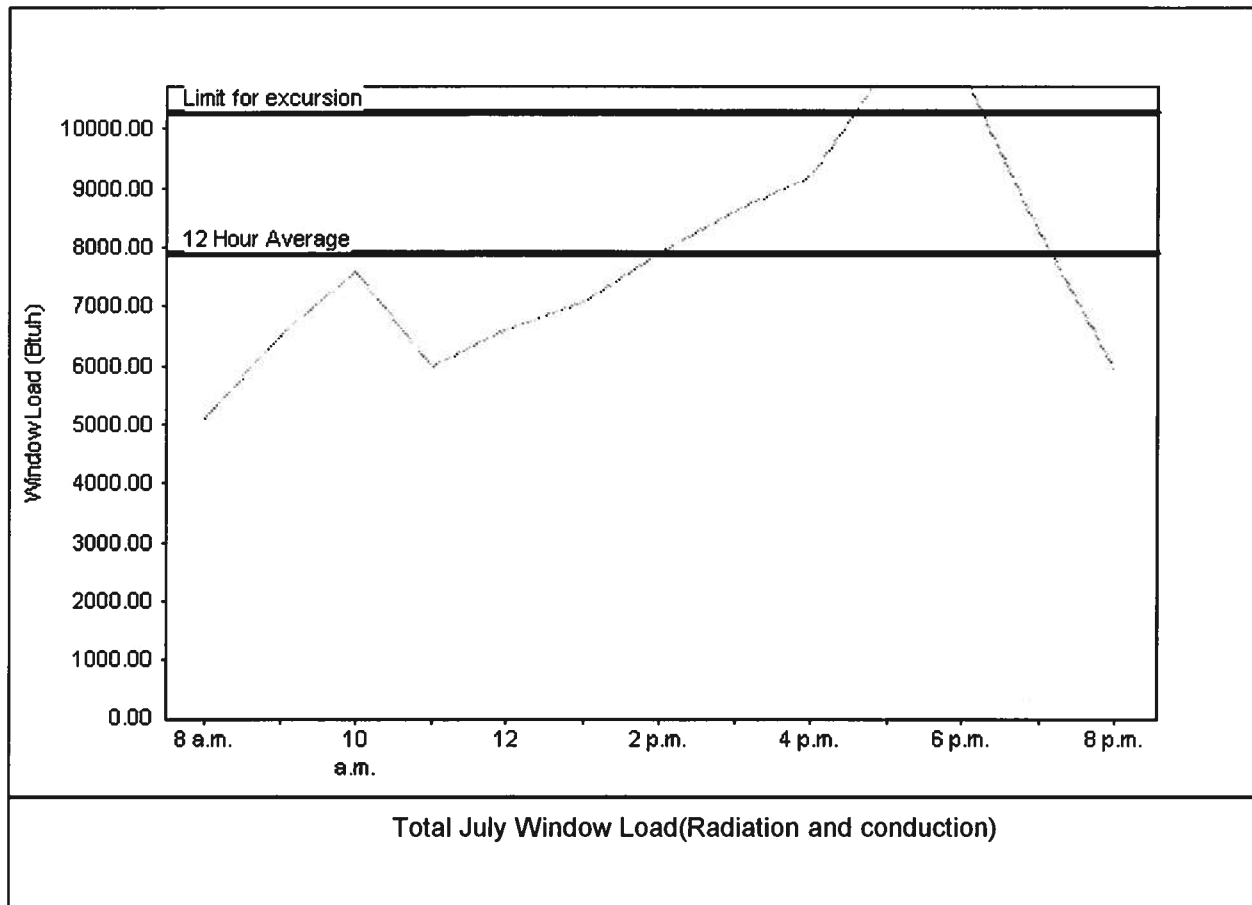
Lake City, FL

5/16/2006

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	7907 Btuh
Summer setpoint	75 F	Peak window load for July	11096 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	10280 Btu
Latitude	29 North	Window excursion (July)	816 Btuh

WINDOW Average and Peak Loads



Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: Y3en

DATE: 5-16-06

EnergyGauge® FLR2PB v4.1



PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS	FL 5507		
A. SWINGING			
B. SLIDING	FL 5483		
C. SECTIONAL/ROLL UP	FL 4606		
D. OTHER			
2. WINDOWS	FL 1782		
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS	FL 250		
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

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

Chris W. G.

APPLICANT SIGNATURE

6-14-06
DATE

24679
Prepared by and after
recording return to:

William L. Joel
Stoneburner Berry & Simmons, P.A.
841 Prudential Drive, Suite 1400
Jacksonville, FL 32207



STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DeWitt CASON, CLERK OF COURTS

By Bonnie Cason
Deputy Clerk

Date 7/10/06

Permit No. _____
Tax Folio No. _____

Inst: 2006016322 Date: 07/10/2006 Time: 11:13
J. J. DC, P. DeWitt Cason, Columbia County B: 1089 P: 462

NOTICE OF COMMENCEMENT

STATE OF FLORIDA

COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvements will be made to certain real property, and in accordance with section 713 Florida Statutes, the following information is provided in this notice of commencement.

1. Description of property (legal description and address, if available):

Lot 74, Emerald Cove, Phase I, according to map or plat thereof as recorded in Plat Book 8, Pages 35 and 36, Public Records of Columbia County, Florida.

2. General description of improvements: Construction of residential dwellings

3. Owner Information:

(a) Name and Address: Cornerstone Developers, LLC, a Florida limited
liability company
180 NW Amenity Court
Lake City, Florida 32025

(b) Owner's interest in the site of the improvements (if other than fee simple title holder):

(c) Name and Address of fee simple title holder (if other than owner):

4. Contractor:

(a) Name and Address: Bryan Zecher Construction Inc.
465 NW Orange Street
Lake City, FL 32055

(b) Phone No. 386-752-8653 Fax No. _____ (Optional, if service by fax is acceptable)

5. Surety on any payment bond: N/A

(a) Name and Address: _____
(b) Phone No. _____ Fax No. _____ (Optional, if service by fax
is acceptable)
(c) Amount of bond \$ _____

Inst:2006016322 Date:07/10/2006 Time:11:13
DC,P.Dewitt Cason,Columbia County B:1089 P:463

6. Lender making loan for the construction of the improvements:

(a) Name and Address: First Horizon Home Loan Corporation
1051 Deerwood Park Boulevard
Building 200, Suite 115
Jacksonville, FL 32256
Attn: James J. O'Connor, Jr.

(b) Phone No. 904-998-5300 Fax No. _____ (Optional, if service by fax is acceptable)

7. Persons within the State of Florida designated by owner upon whom notices may be served as provided by Section 713.13(1)(a)7, Florida Statutes:

(a) Name and Address: Cornerstone Developers, LLC a Florida limited liability company
180 NW Amenity Court
Lake City, Florida 32025

(b) Phone No. 386- 752-1711 Fax No. _____ (Optional, if service by fax is acceptable)

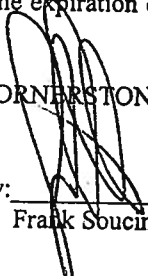
8. In addition to himself, Owner designates the following person to receive a copy of the lienor's notice as provided in Section 713.13(1)(b), Florida Statute:

(a) Name and Address: James J. O'Connor, Jr.
First Horizon Home Loan Corporation
1051 Deerwood Park Boulevard
Building 200, Suite 115
Jacksonville, FL 32256

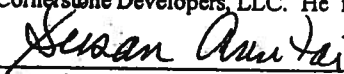
(b) Phone No. 904-998-5300 Fax No. _____ (Optional, if service by fax is acceptable)

9. Expiration date of notice of commencement (the expiration date is one (1) year from the date of recording unless a different date is specified):

CORNERSTONE DEVELOPERS, LLC

By: 
Frank Soucinek, its sole Manager (SEAL)
(OWNER)

Sworn to and Subscribed before me this 21 day of June, 2006, by Frank Soucinek, the Manager of Cornerstone Developers, LLC. He is personally known or has produced _____ as identification.


Notary Public, State and County Aforesaid
Print Name:
My Commission Expires:
My Commission No.:
(NOTARIAL SEAL)



POST A CERTIFIED COPY OF THE RECORDED NOTICE ON CONSTRUCTION SITE

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000001135**

DATE 06/27/2006 PARCEL ID # 33-3S-16-02438-174

APPLICANT SUSAN FAIR PHONE 752-1711

ADDRESS 180 NW AMENITY COURT LAKE CITY FL 32055

OWNER CORNERSTONE DEVELOPERS PHONE 752-1711

ADDRESS 231 SW TIMBERLAND COURT LAKE CITY FL 32055

CONTRACTOR BRYAN ZECHER PHONE 752-8653

LOCATION OF PROPERTY 90W, TL ON HEATHRIDGE, TR ON TIMBERLAND COURT, 5TH LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT EMERALD COVE 74

SIGNATURE

Susan Fair

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.**

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



Date: 5/25/2006
Start Number: 1452

Truss Design Load Information (UNO)

Design Program: MiTek 5.2 / 6.2

Gravity		Wind		Building Code:	FBC2004
Roof (psf):	42	Wind Standard:	ASCE 7-02		
Floor (psf):	55	Wind Speed (mph):	110		

Note: See individual truss drawings for special loading conditions

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

Address: ZECHER, BRYAN C. CBC 054575
PO BOX 815
LAKE CITY,FLORIDA 32056

Designer: 163

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

Company: Structural Engineering and Inspections, Inc. EB 9196
Address 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/TP1
3. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
4. Trusses designed for vertical loads only, unless noted otherwise.

[illegible]

MAY 25 2006


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Licensee Details

Licensee Information

Name: ZECHER, BRYAN CHRISTIAN (Primary Name)
BRYAN ZECHER CONSTRUCTION INC (DBA
Main Address: P O BOX 815
LAKE CITY, Florida 32056
Lic. Location: 465 NW ORANGE ST
LAKE CITY, FL 32055 United States
Columbia

License Information

License Type: Certified Building Contractor
Rank: Cert Building
License Number: CBC054575
Status: Current, Active
Licensure Date: 12/05/1991
Expires: 08/31/2006

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Special Qualifications Effective Date

Bldg Code Core Course Credit

Qualified Business License Required 04/13/2004

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Job L166798	Truss CJ5	Truss Type MONO TRUSS	Qty 6	Ply 1	CORNERSTONE- LOT 74 EMERALD COVE
Builders FirstSource, Lake City, Fl 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Thu May 25 09:22:06 2006 Page 1

Scale = 1:15.0

LOADING (psf) TCCL 20.0 TCDL 7.0 BCCL 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 0.29 BC 0.16 WB 0.00 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.03 2-4 >999 240 Vert(TL) -0.05 2-4 >999 180 Horz(TL) -0.00 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 19 lb
--	---	---	--	---

LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2	BRACING TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
---	---

REACTIONS (lb/size) 3=103/Mechanical, 2=343/0-3-8, 4=72/Mechanical
 Max Horz 2=178(load case 5)
 Max Uplift 3=87(load case 5), 2=199(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-88/36
 BOT CHORD 2-4=0/0

NOTES

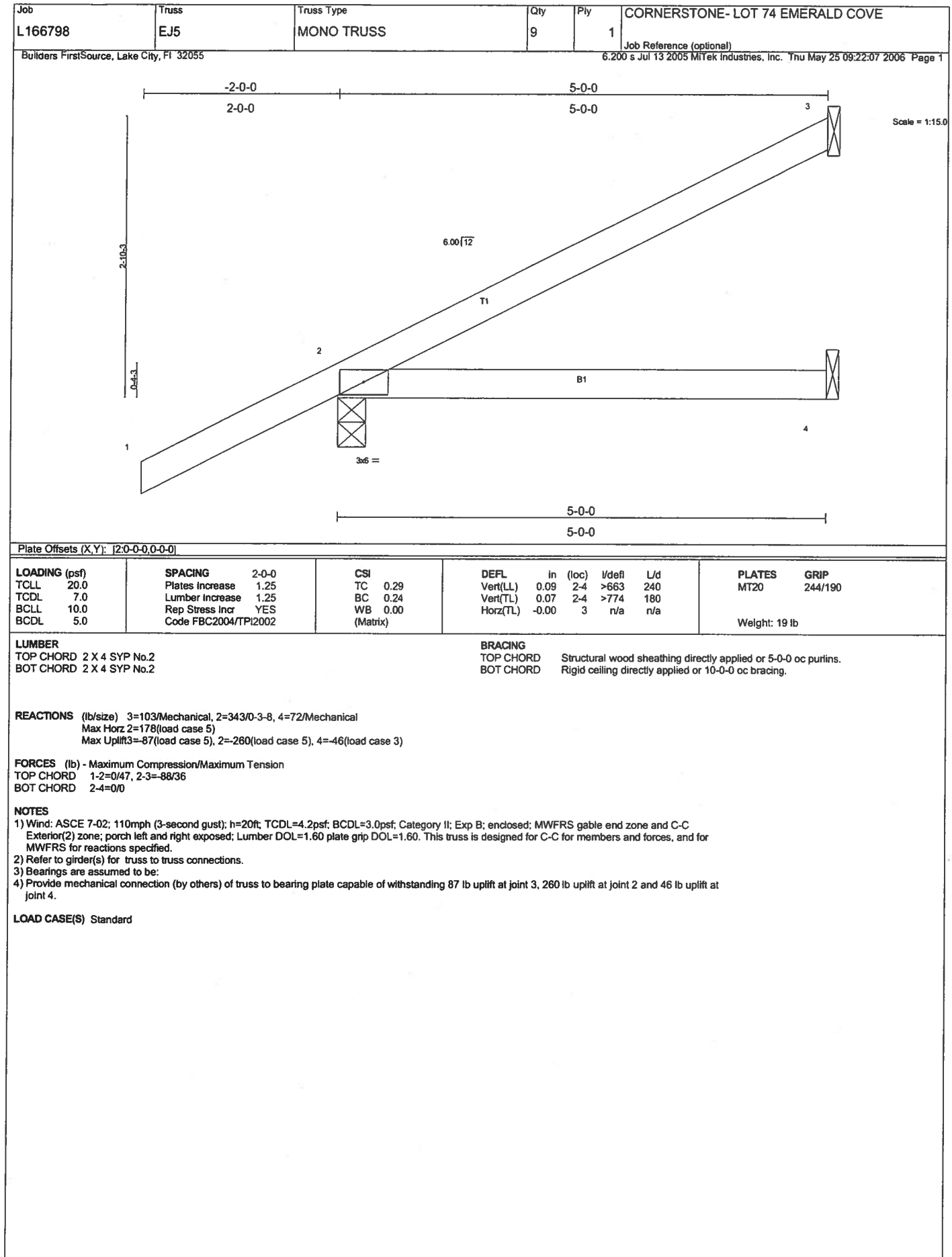
1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCCL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.

2) Refer to girder(s) for truss to truss connections.

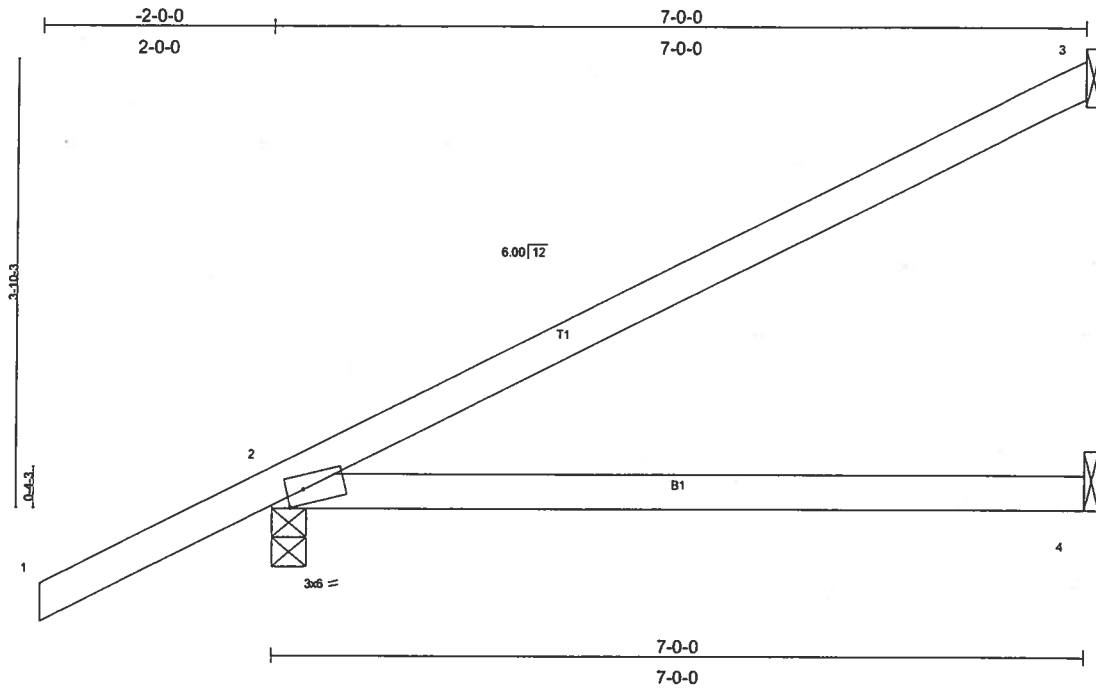
3) Bearings are assumed to be:

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 3 and 199 lb uplift at joint 2.

LOAD CASE(S) Standard



Job L166798	Truss EJ7	Truss Type MONO TRUSS	Qty 27	Ply 1	CORNERSTONE- LOT 74 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Thu May 25 09:22:08 2006 Page 1		



Scale = 1:18.0

Plate Offsets (X,Y): [2-0-1-12 Edge]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.48	Vert(LL)	-0.12	2-4	>664	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.35	Vert(TL)	-0.21	2-4	>397	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)							
								Weight: 26 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

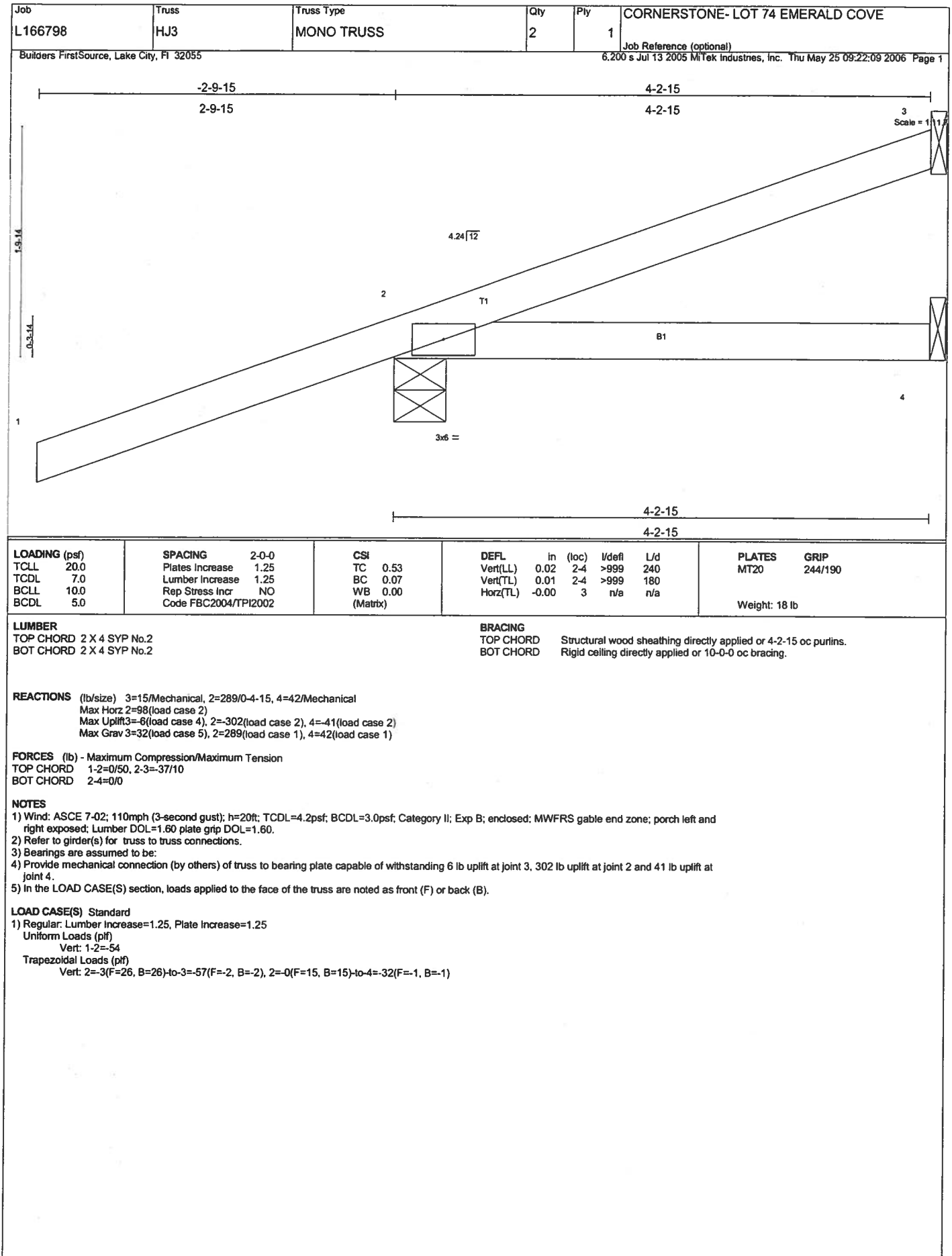
REACTIONS (lb/size) 3=162/Mechanical, 2=419/0-3-8, 4=104/Mechanical
Max Horz 2=224(load case 5)
Max Uplift 3=134(load case 5), 2=210(load case 5)

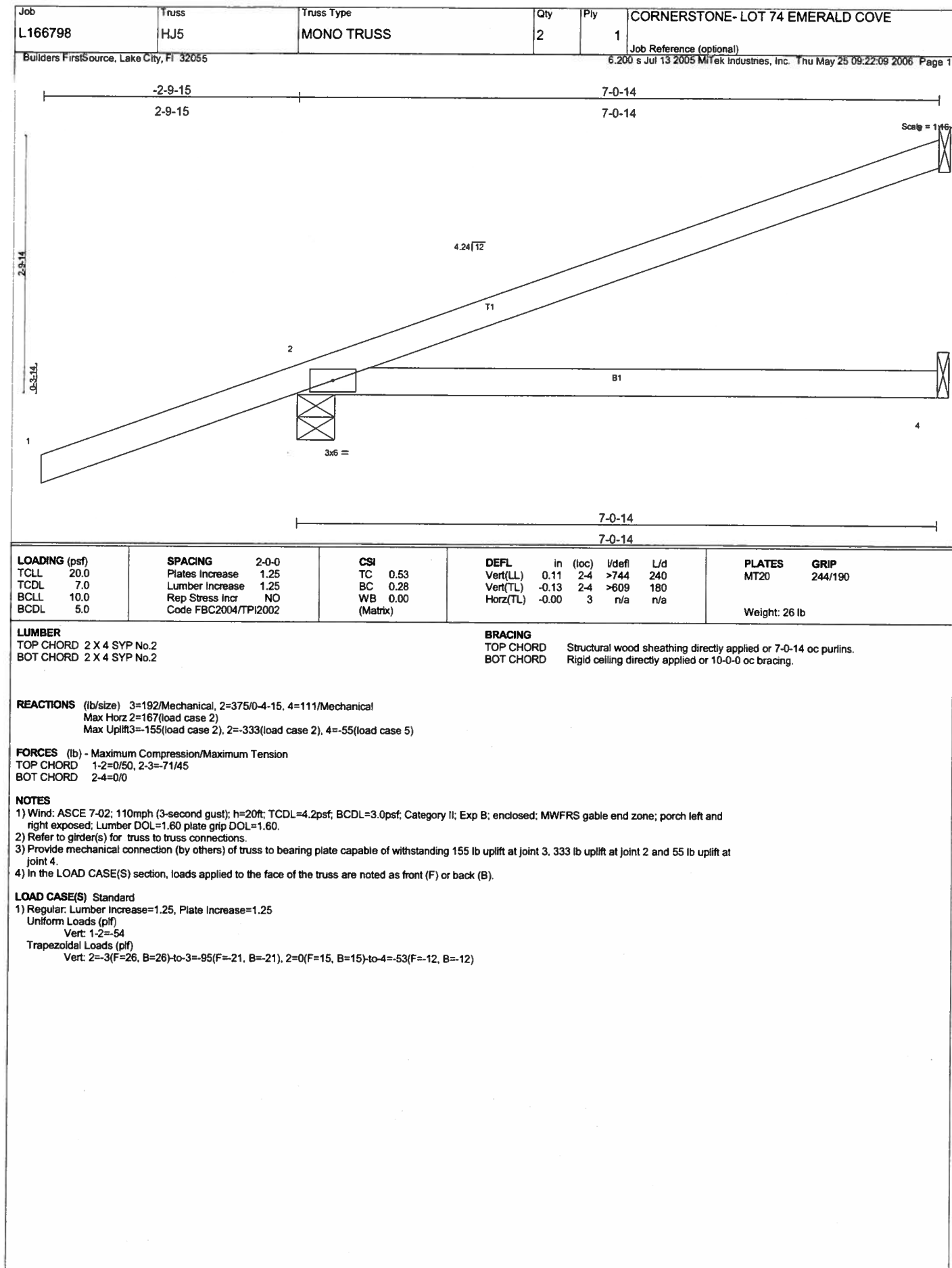
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-119/58
BOT CHORD 2-4=0/0

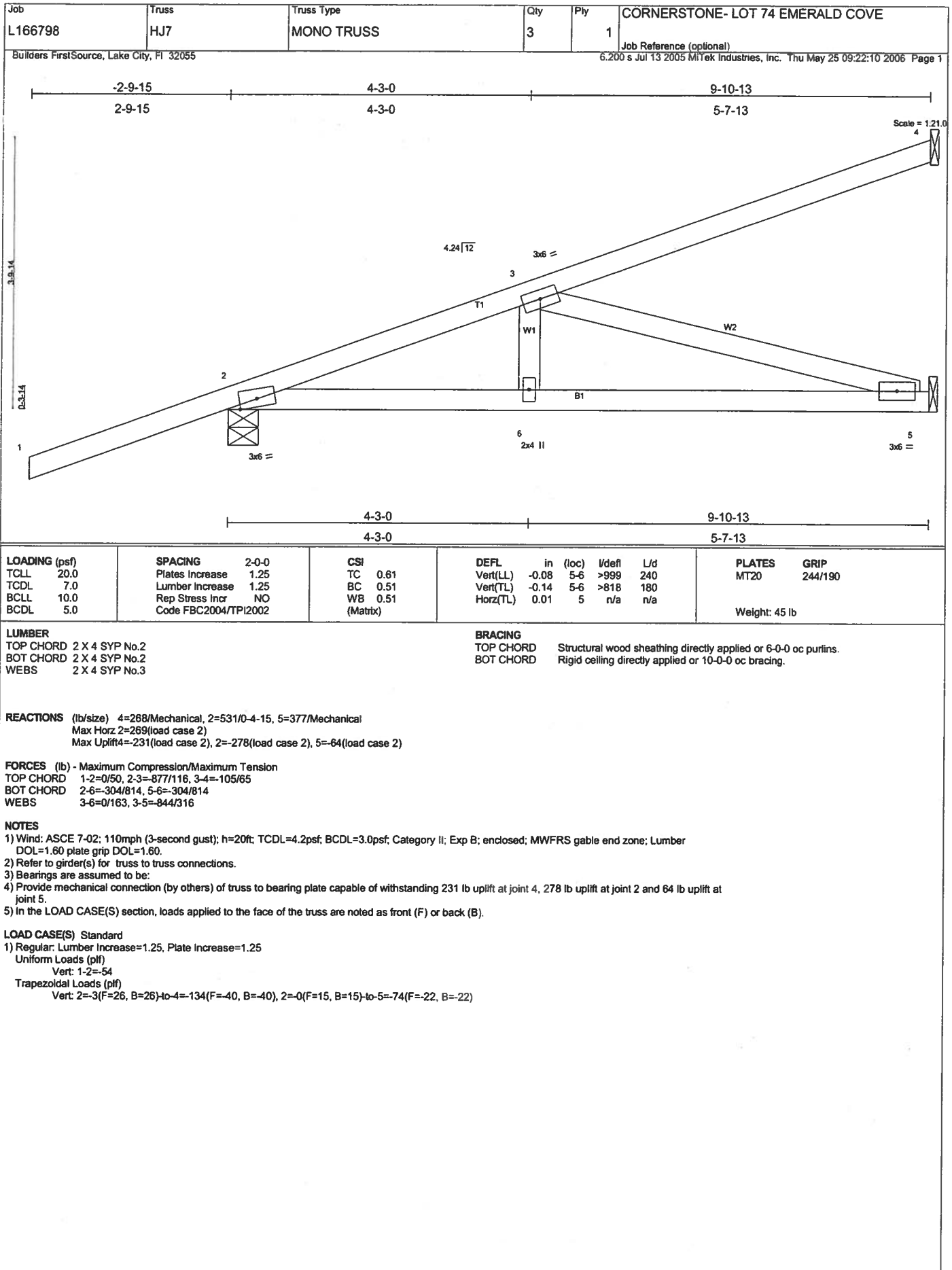
NOTES

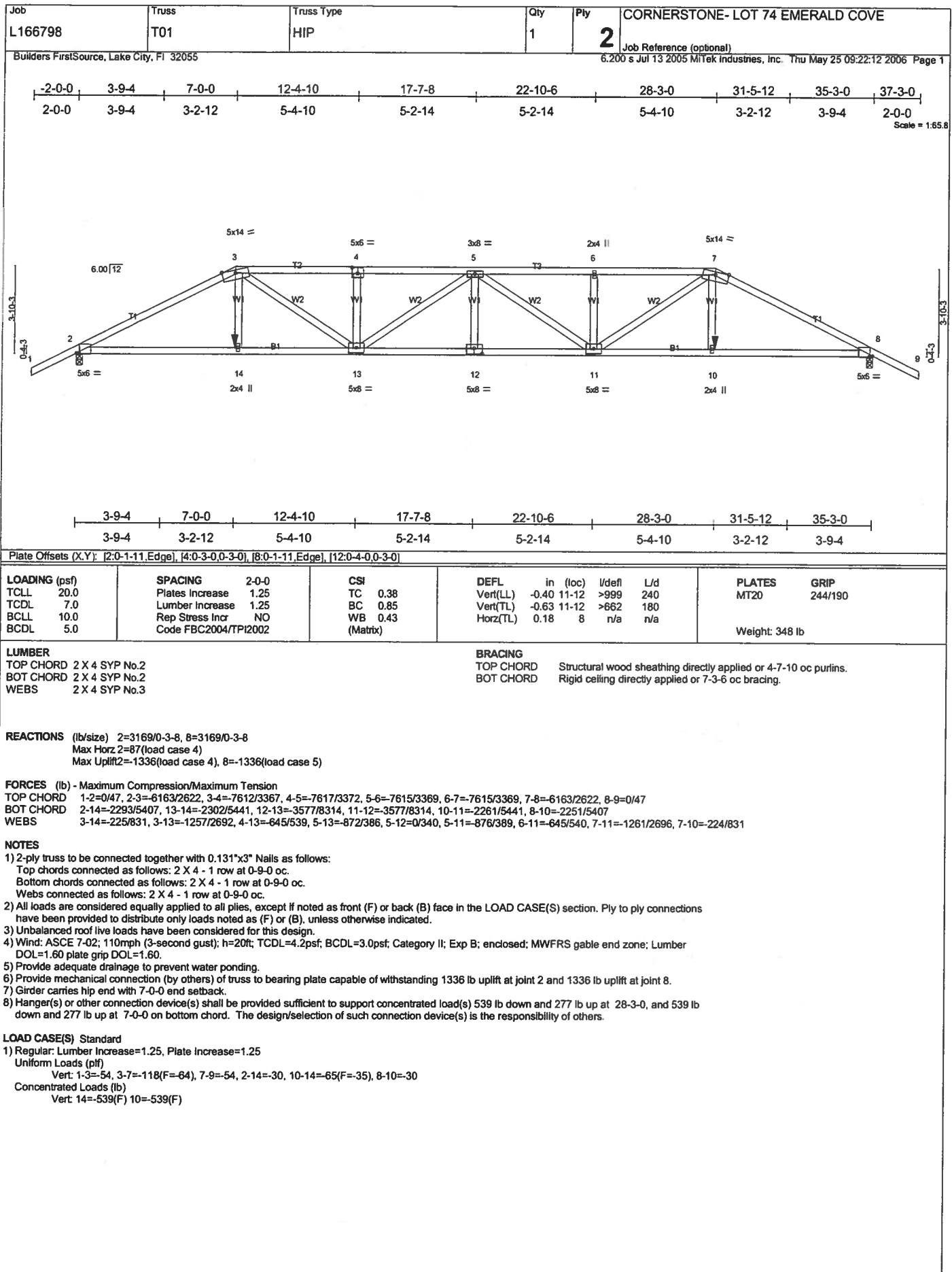
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Bearings are assumed to be:
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 134 lb uplift at joint 3 and 210 lb uplift at joint 2.

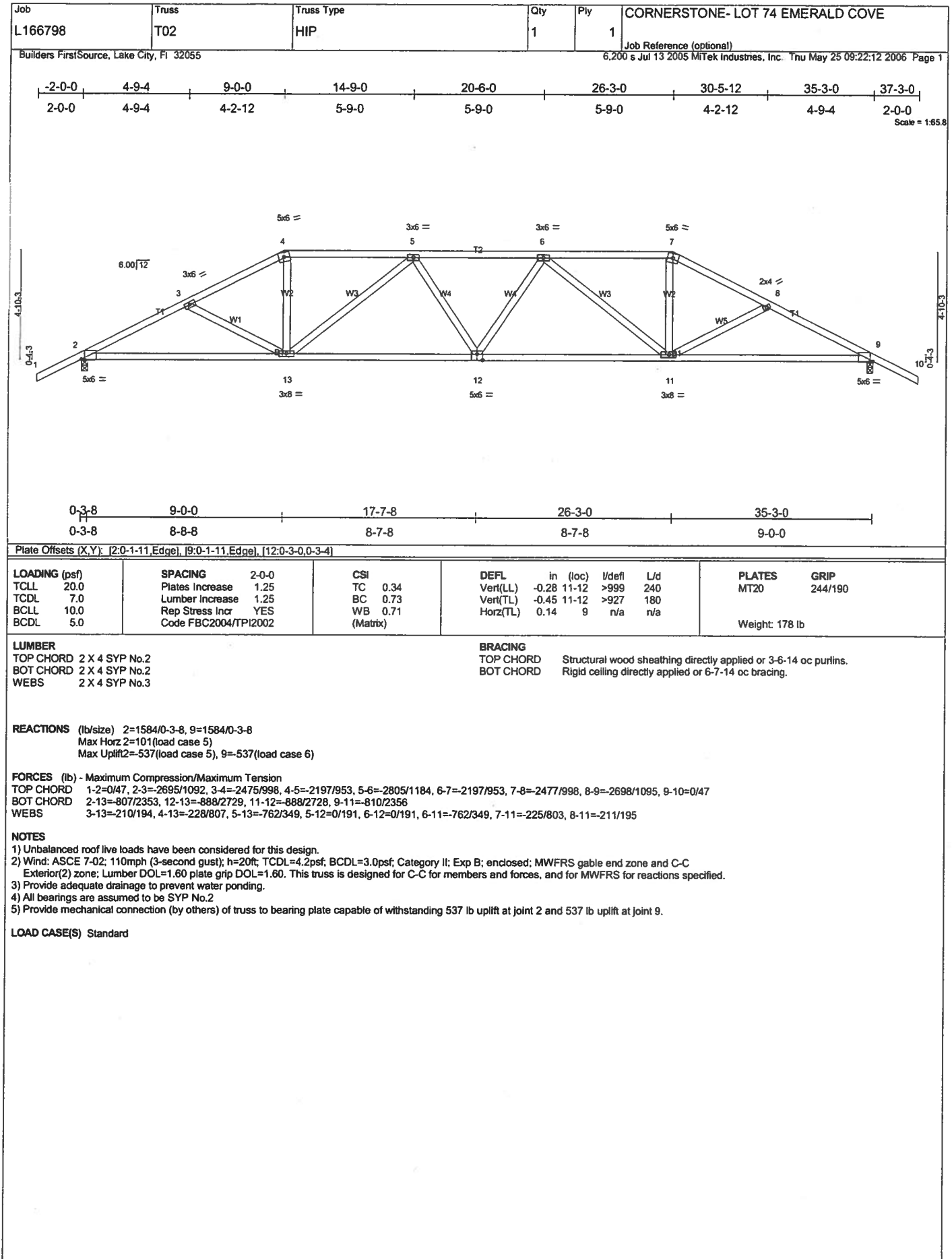
LOAD CASE(S) Standard











Job	Truss	Truss Type	Qty	Ply	CORNERSTONE- LOT 74 EMERALD COVE
L166798	T04	HIP	1	1	Job Reference (optional)
Buildern FirstSource Lake City, FL 33055					

6,200 s Jul 13 2005 MiTek Industries, Inc. Thu May 25 09:22:14 2006 Page 1

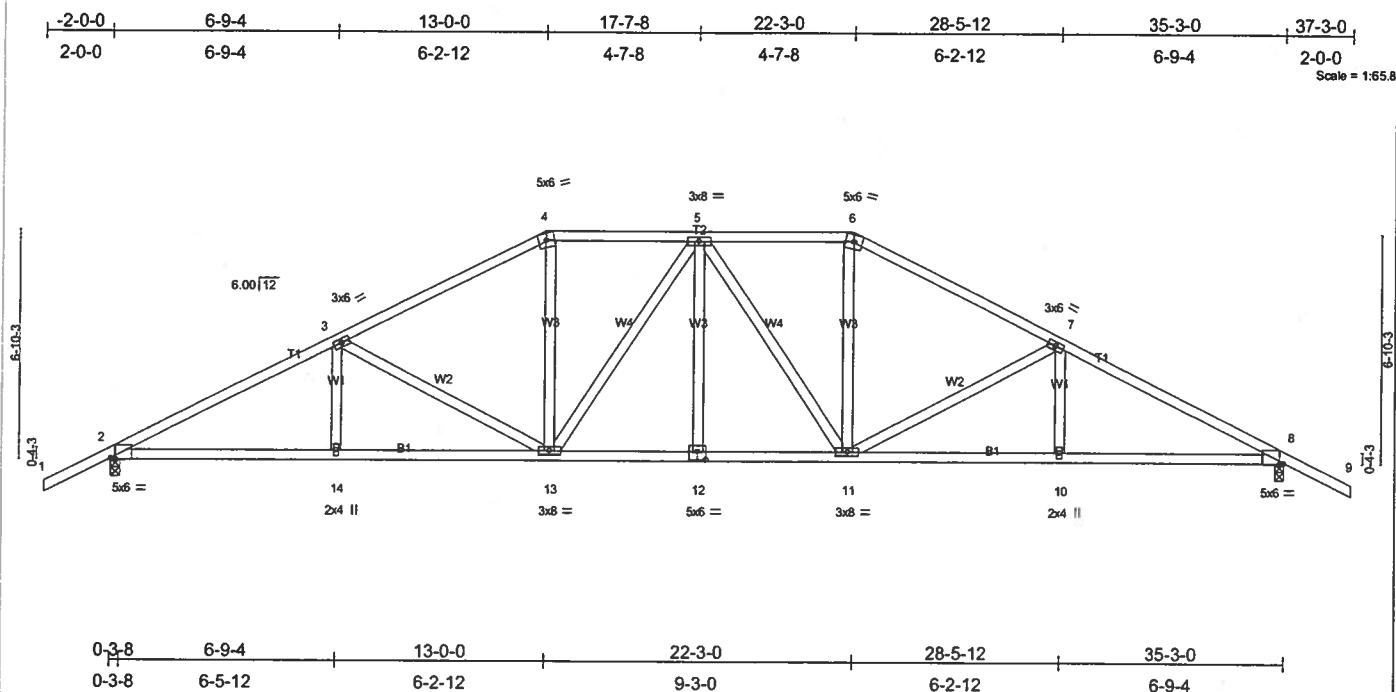


Plate Offsets (X,Y): [2:0-1-11,Edge], [8:0-1-11,Edge], [12:0-3-0-0-3-0]									
LOADING (psf)	SPACING 2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 20.0	Plates Increase 1.25	TC 0.35	Vert(LL)	-0.19 13-14	>999	240	MT20	244/190	
TCDL 7.0	Lumber Increase 1.25	BC 0.54	Vert(TL)	-0.30 13-14	>999	180			
BCLL 10.0	Rep Stress Incr YES	WB 0.55	Horz(TL)	0.13 8	n/a	n/a			
BCDL 5.0	Code FBC2004/TP12002	(Matrix)							
							Weight: 197 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

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 3-6-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 7-1-7 oc bracing.

REACTIONS (lb/size) 2=1584/0-3-8, 8=1584/0-3-8
Max Horz 2=129(load case 5)
Max Uplift 2=-571(load case 5), 8=-571(load case 6)

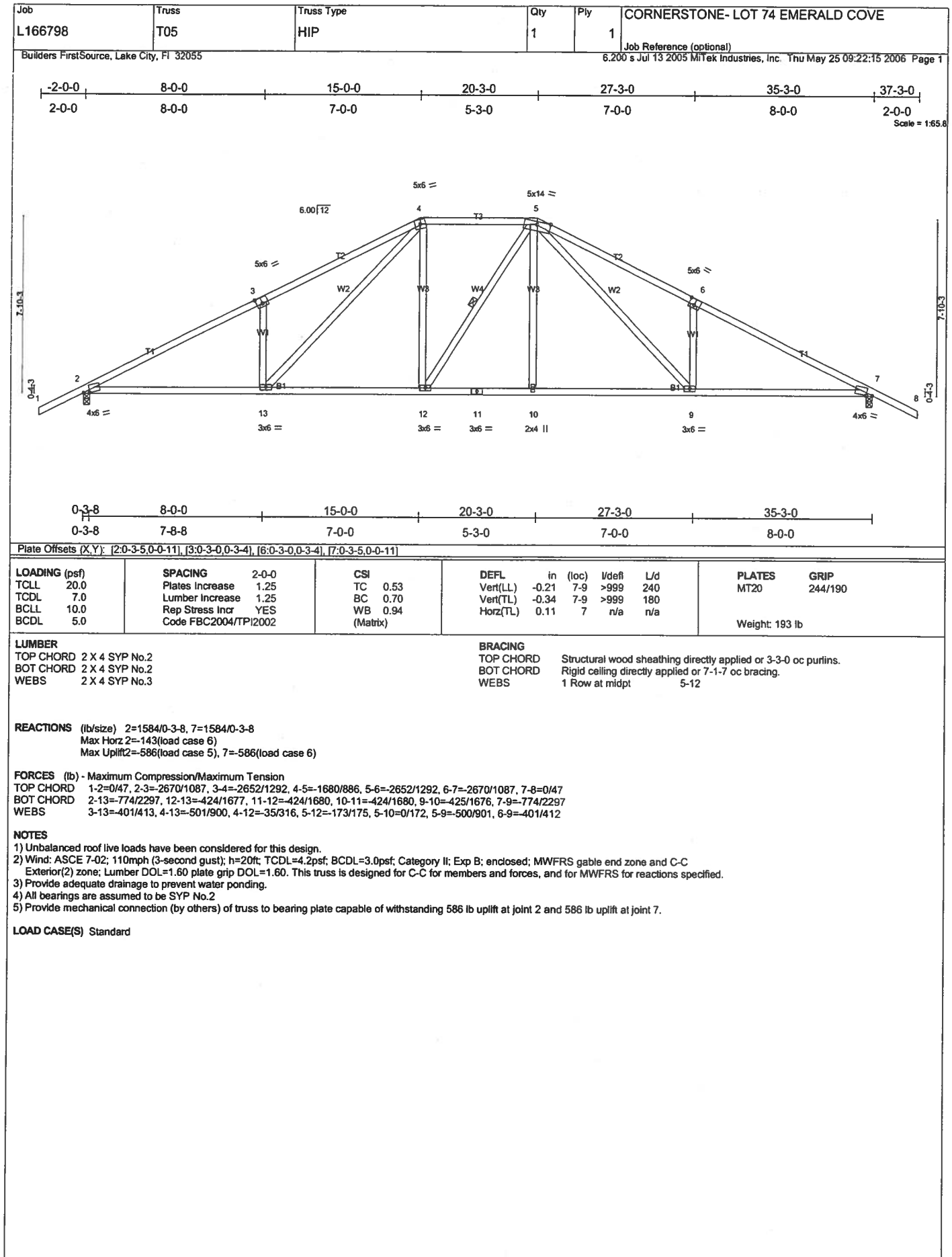
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-2726/1087, 3-4=-2126/945, 4-5=-1844/914, 5-6=-1844/914, 6-7=-2126/945, 7-8=-2726/1087, 8-9=0/47
BOT CHORD 2-14=788/2353, 13-14=788/2353, 11-12=-538/1951, 11-12=-538/1951, 10-11=788/2353, 8-10=788/2353
WEBS 3-14=0/214, 3-13=-600/328, 4-13=-177/609, 5-13=-328/148, 5-11=-328/148, 6-11=-177/609, 7-11=-600/328, 7-10=0/214, 5-12=0/111

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCDF=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 bearings are assumed to be SYP No.2
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 571 lb uplift at joint 2 and 571 lb uplift at joint 8.

LOAD CASE(S) Standard

MAY 25, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549



Job L166798	Truss T07P	Truss Type SPECIAL	Qty 1	Ply 2	CORNERSTONE- LOT 74 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6,200 s Jul 13 2005 Mitek Industries, Inc. Thu May 25 09:22:17 2006 Page 1		

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.75	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.87	Vert(LL) -0.41 9-11 >999 240	MT20H	187/143
BCLL 10.0	Rep Stress Incr NO	WB 0.88	Vert(TL) -0.66 9-11 >635 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.15 6 n/a n/a		
				Weight: 356 lb	

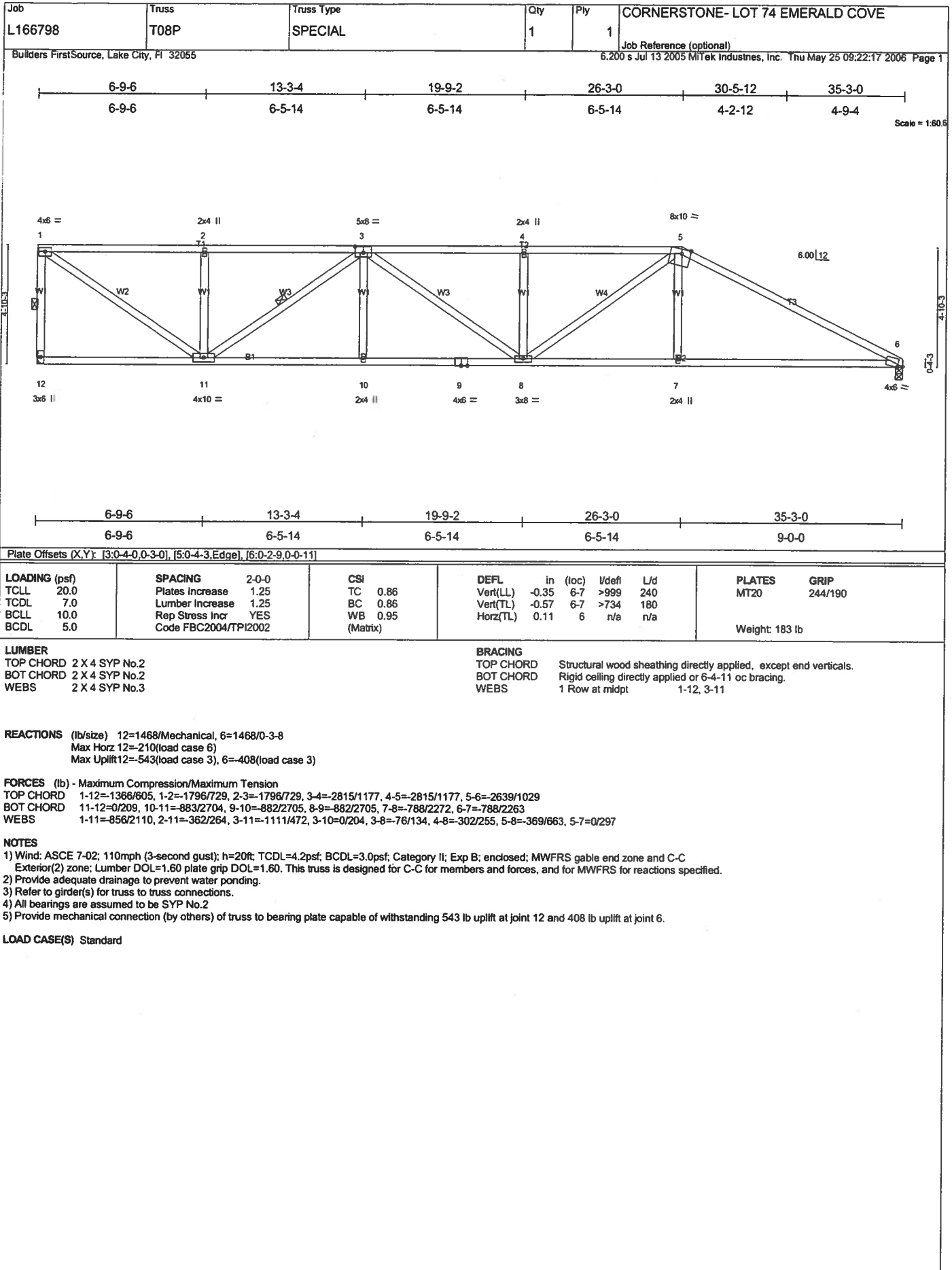
LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-3-1 oc purlins, except end verticals.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 7-9-7 oc bracing.
WEBS 2 X 4 SYP No.3	

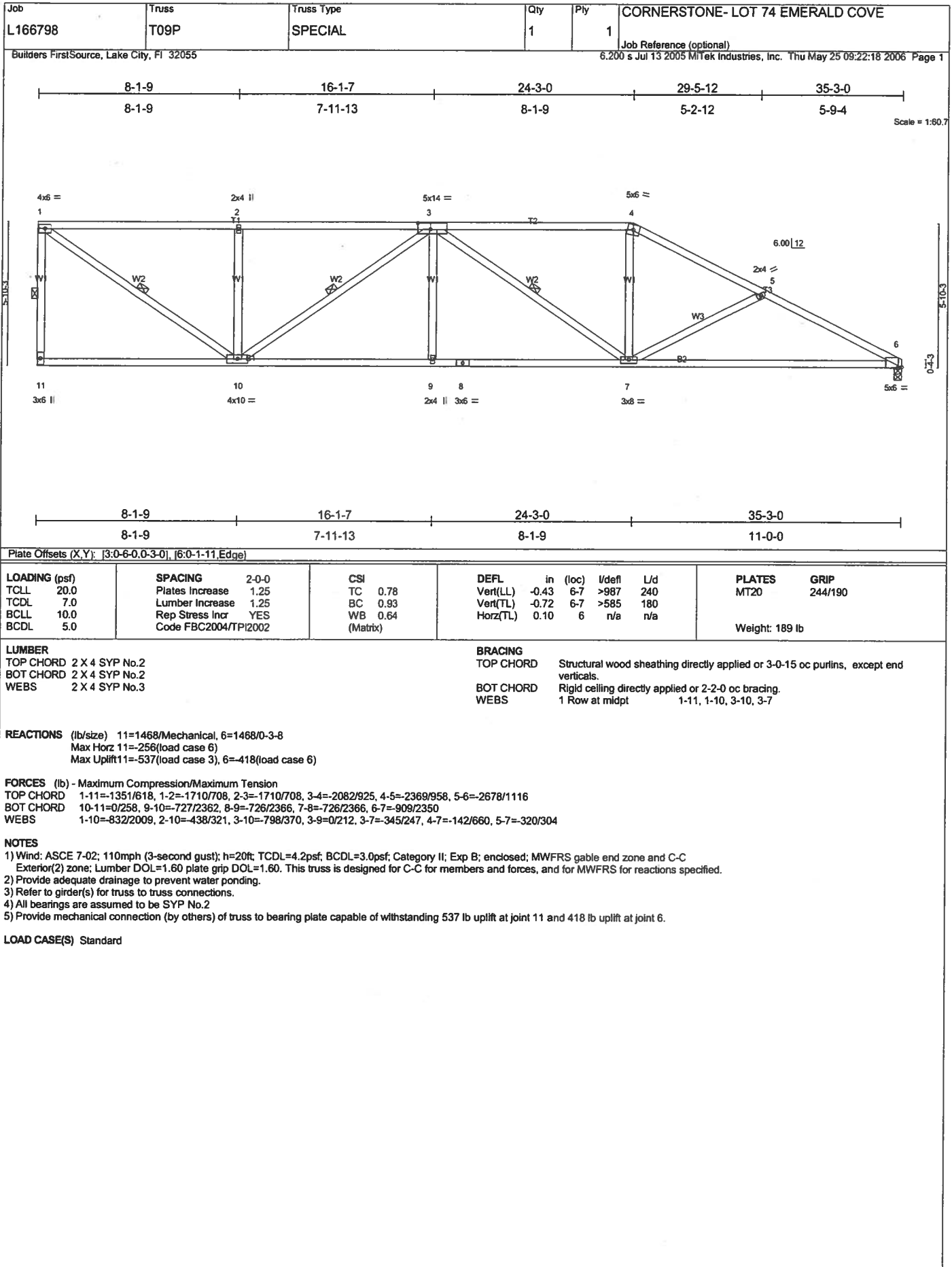
REACTIONS (lb/size) 13=3101/Mechanical, 6=3043/0-3-8
 Max Horz 13=-226(load case 5)
 Max Uplift 13=-1321(load case 2), 6=-1203(load case 5)

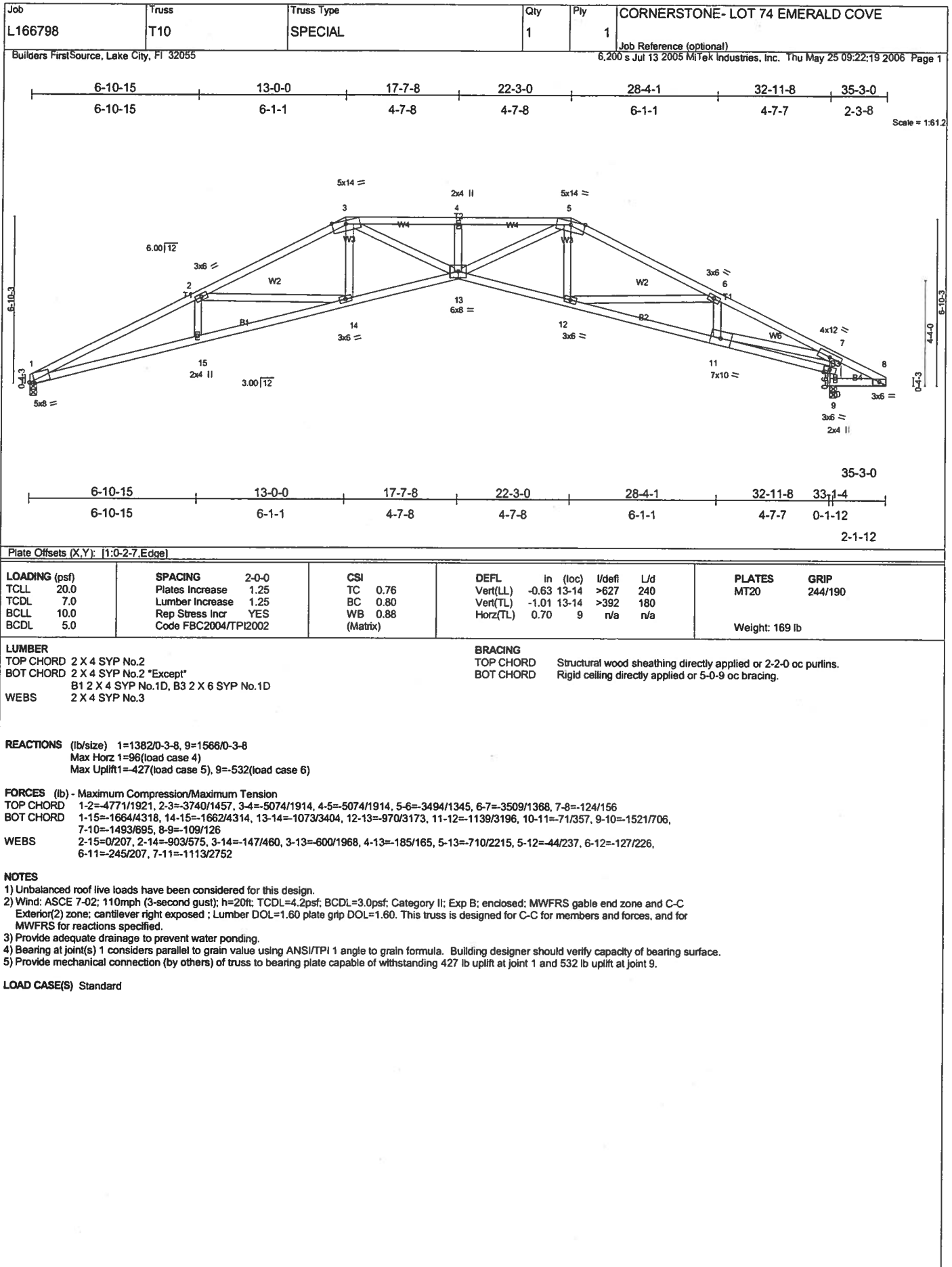
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-13=-2874/1346, 1-2=-5077/2160, 2-3=-5077/2160, 3-4=-7665/3257, 4-5=-7665/3256, 5-6=-5929/2403, 6-7=0/47
 BOT CHORD 12-13=0/184, 11-12=-3083/7528, 10-11=-3081/7543, 9-10=-3081/7543, 8-9=-2070/5241, 6-8=-2063/5205
 WEBS 1-12=-2334/5490, 2-12=-792/628, 3-12=-2760/1177, 3-11=0/435, 3-9=-97/135, 4-9=-819/660, 5-9=-1245/2706, 5-8=-190/875

NOTES
 1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 3) 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; Lumber DOL=1.60 plate grip DOL=1.60.
 4) Provide adequate drainage to prevent water ponding.
 5) All plates are MT20 plates unless otherwise indicated.
 6) Refer to girder(s) for truss to truss connections.
 7) All bearings are assumed to be SYP No.2
 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1321 lb uplift at joint 13 and 1203 lb uplift at joint 6.
 9) Girder carries hip end with 7-0-0 right side setback, 0-0-0 left side setback, and 7-0-0 end setback.
 10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 255 lb up at 28-3-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-5=-113(F=-58), 5-7=-54, 8-13=-62(F=-33), 6-8=-30
 Concentrated Loads (lb)
 Vert: 8=-539(F)







Job L166798	Truss T11	Truss Type SPECIAL	Qty 1	Ply 1	CORNERSTONE- LOT 74 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6,200 s Jul 13 2005 MiTek Industries, Inc. Thu May 25 09:22:20 2006 Page 1		

Scale = 1:64.7

Plate Offsets (X,Y) [2:0-2-7 Edge], [3:0-3-0,0-3-4], [6:0-3-0,0-3-0]							
LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	L/d	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.73	Vert(LL) -0.53	14-16	>744	240	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.93	Vert(TL) -0.86	14-16	>462	180	MT18H 244/190
BCLL 10.0	Rep Stress Incr YES	WB 0.91	Horz(TL) 0.59	9	n/a	n/a	
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)					Weight: 173 lb

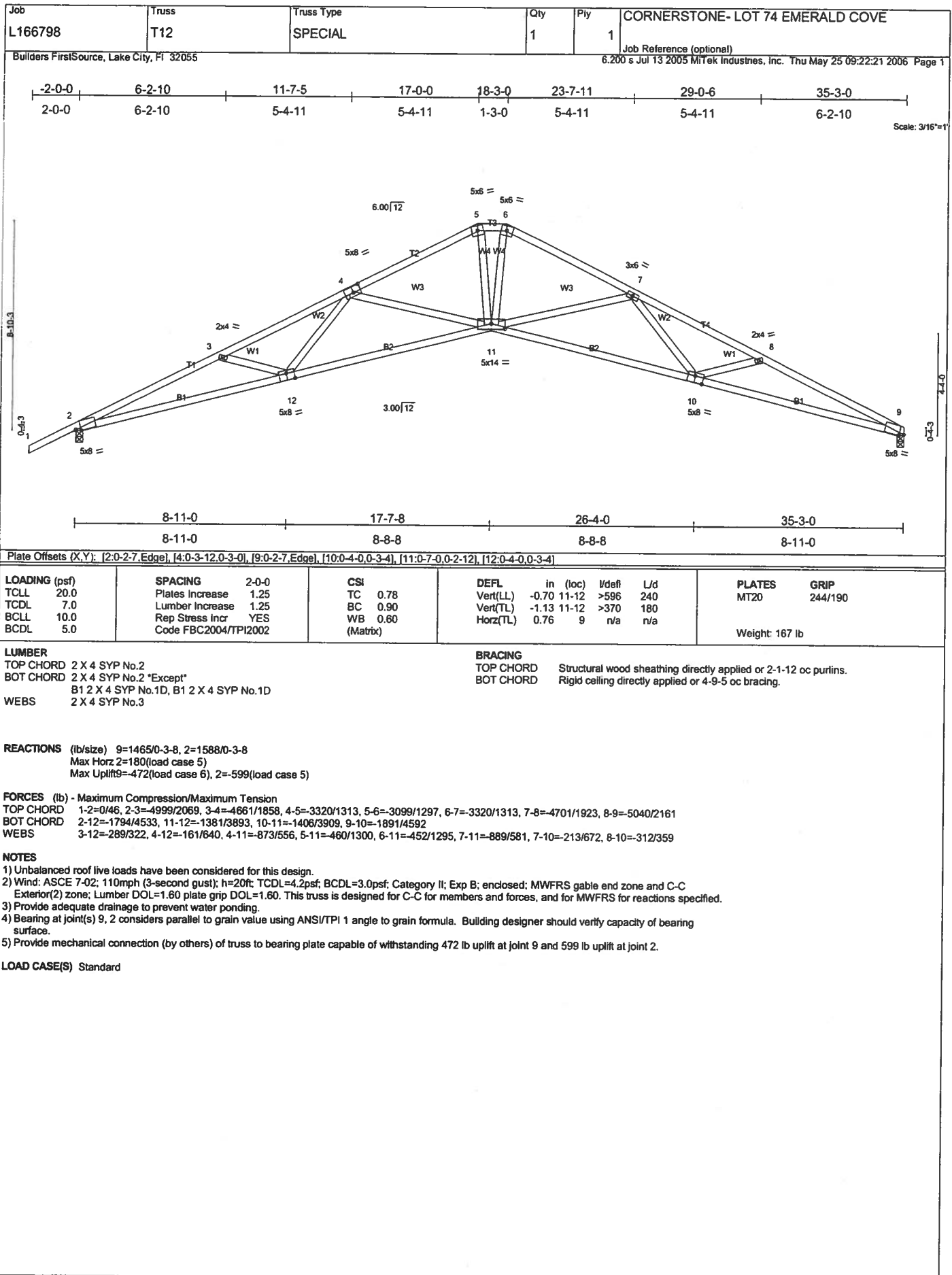
LUMBER TOP CHORD 2 X 4 SYP No.2 *Except T1 2 X 4 SYP No.1D BOT CHORD 2 X 4 SYP No.2 *Except B4 2 X 4 SYP No.3 WEBS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 2-5-6 oc purlins. BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. WEBS 1 Row at midpt 3-14
---	---

REACTIONS (lb/size) 9=1567/0-3-8, 2=1498/0-3-8
 Max Horz 2=167(load case 5)
 Max Uplift 9=549(load case 6), 2=565(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-0/46, 2-3=-4636/1802, 3-4=-3373/1287, 4-5=-3463/1370, 5-6=-3261/1239, 6-7=-3600/1408, 7-8=-127/155
 BOT CHORD 2-16=-1536/4192, 15-16=-1538/4161, 14-15=-1532/4188, 13-14=-872/3036, 12-13=-830/2930, 11-12=-1163/3277, 10-11=-79/380,
 9-10=-1526/726, 7-10=-1499/724, 8-9=-101/121
 WEBS 3-16=0/240, 3-14=-1113/648, 4-14=-162/533, 4-13=-223/803, 5-13=-288/962, 5-12=-72/347, 6-12=-384/349, 6-11=-160/192,
 7-11=-1131/2822

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever right exposed ; 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) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 549 lb uplift at joint 9 and 565 lb uplift at joint 2.

LOAD CASE(S) Standard



Job L166798	Truss T13	Truss Type COMMON	Qty 1	Ply 1	CORNERSTONE- LOT 74 EMERALD COVE
Builders FirstSource, Lake City, Fl 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu May 25 09:22:22 2006 Page 1		

-2-0-0 6-2-13 11-11-3 17-7-8 23-3-13 29-0-3 35-3-0 37-3-0

2-0-0 6-2-13 5-8-5 5-8-5 5-8-5 5-8-5 6-2-13 2-0-0

Scale = 1:64.9

9-1-0	17-7-8	26-2-0	35-3-0
9-1-0	8-6-8	8-6-8	9-1-0

Plate Offsets (X,Y): [2:0-3-5,0-0-11], [4:0-3-0,0-3-0], [6:0-3-0,0-3-0], [8:0-3-5,0-0-11], [11:0-4-0,0-3-0]

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 0.36 BC 0.66 WB 0.73 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) -0.23 11-12 >999 240 Vert(TL) -0.38 2-12 >999 180 Horz(TL) 0.12 8 n/a n/a	PLATES GRIP MT20 244/190 Weight: 185 lb
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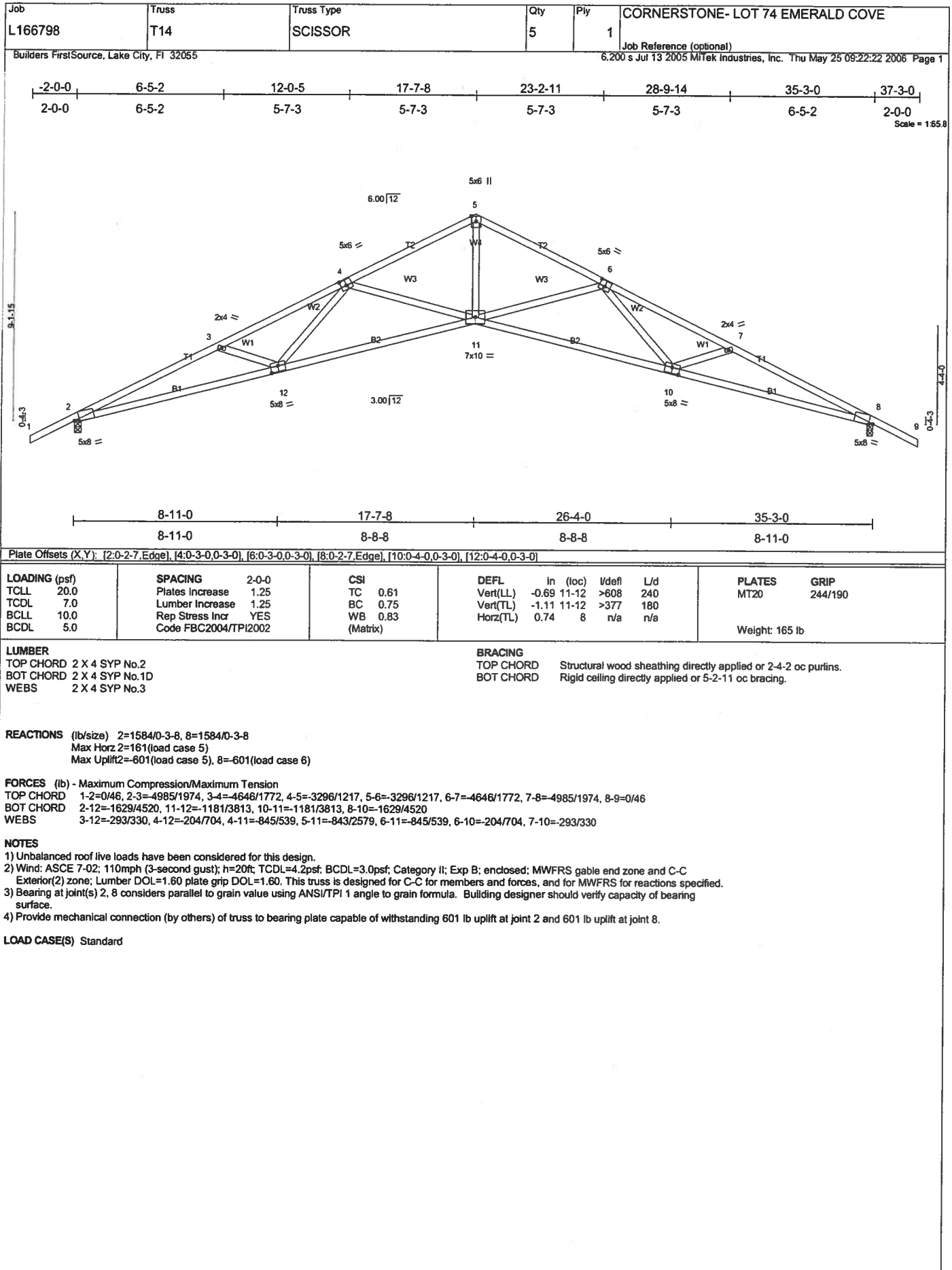
LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 3-6-12 oc purlins. BOT CHORD Rigid ceiling directly applied or 6-10-7 oc bracing. WEBS 1 Row at midpt 4-11, 6-11
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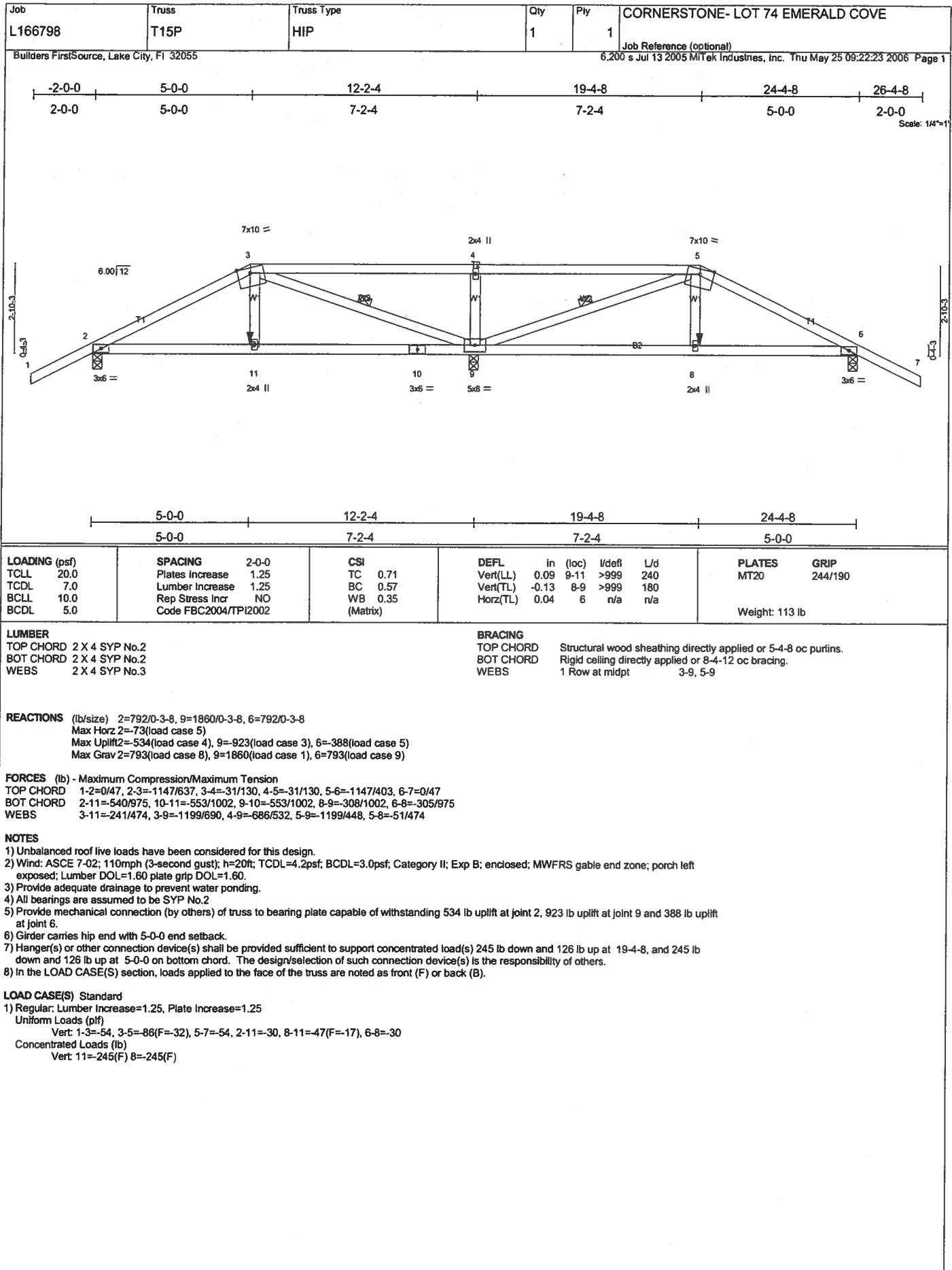
REACTIONS (lb/size) 2=1584/0-3-8, 8=1584/0-3-8
 Max Horz 2=162(load case 5)
 Max Uplift 2=601(load case 5), 8=601(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-2673/1147, 3-4=-2457/1090, 4-5=-1713/876, 5-6=-1713/876, 6-7=-2457/1090, 7-8=-2673/1147, 8-9=0/47
 BOT CHORD 2-12=-846/2330, 11-12=-591/1903, 10-11=-591/1903, 8-10=-846/2330
 WEBS 3-12=-289/275, 4-12=-153/540, 4-11=-641/397, 5-11=-531/1154, 6-11=-641/397, 6-10=-153/540, 7-10=-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 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 8.

LOAD CASE(S) Standard





Job L166798	Truss T16P	Truss Type HIP	Qty 1	Ply 1	CORNERSTONE- LOT 74 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Thu May 25 09:22:24 2006 Page 1		

-2-0-0 7-0-0 12-2-4 17-4-8 24-4-8 26-4-8

2-0-0 7-0-0 5-2-4 5-2-4 7-0-0 2-0-0

Scale: 1/4"=1'

3'-10-3

0'-1-3

7-0-0 12-2-4 17-4-8 24-4-8

7-0-0 5-2-4 5-2-4 7-0-0

3'-10-3

0'-1-3

LOADING (psf) TCLL 20.0 TCCL 7.0 BCCL 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 0.37 BC 0.30 WB 0.40 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) 0.16 2-11 >922 240 Vert(TL) -0.13 2-11 >999 180 Horz(TL) 0.01 6 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 114 lb
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LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
--	--

REACTIONS (lb/size) 2=570/0-3-8, 9=1115/0-3-8, 6=570/0-3-8
 Max Horz 2=-87(load case 6)
 Max Uplift 2=441(load case 5), 9=459(load case 4), 6=-305(load case 6)
 Max Grav 2=576(load case 9), 9=1115(load case 1), 6=576(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-514/538, 3-4=-380/559, 4-5=-380/236, 5-6=-514/190, 6-7=0/47
 BOT CHORD 2-11=-302/386, 10-11=-174/212, 9-10=-174/212, 8-9=-174/212, 6-8=-30/386
 WEBS 3-11=-168/82, 4-11=-626/663, 4-9=-997/642, 4-8=-231/663, 5-8=-168/181

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; 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 bearings are assumed to be SYP No.2
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 441 lb uplift at joint 2, 459 lb uplift at joint 9 and 305 lb uplift at joint 6.

LOAD CASE(S) Standard

Job L166798	Truss T17P	Truss Type HIP	Qty 1	Ply 1	CORNERSTONE- LOT 74 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6,200 s Jul 13 2005 Mitek Industries, Inc. Thu May 25 09:22:25 2006 Page 1		

-2-0-0 4-9-4 9-0-0 15-4-8 19-7-4 24-4-8 26-4-8

2-0-0 4-9-4 4-2-12 6-4-8 4-2-12 4-9-4 2-0-0

Scale: 1/4"=1'

Plate Offsets (X,Y): [2-0-0-10,Edge], [7-0-0-10,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.29	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.38	Vert(LL) 0.30 2-12 >475 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.43	Vert(TL) 0.25 2-12 >584 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 7 n/a n/a		
	Code FBC2004/TPI2002			Weight: 125 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	BRACING TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
--	---

REACTIONS (lb/size) 2=497/0-3-8, 10=1260/0-3-8, 7=497/0-3-8
 Max Horz 2=-101(load case 6)
 Max Uplift 2=-401(load case 5), 10=-518(load case 5), 7=-269(load case 6)
 Max Grav 2=531(load case 9), 10=1260(load case 1), 7=531(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-439/424, 3-4=-183/263, 4-5=-121/391, 5-6=-183/56, 6-7=-439/155, 7-8=0/47
 BOT CHORD 2-12=-245/360, 11-12=-79/134, 10-11=-79/134, 9-10=0/238, 7-9=-17/360
 WEBS 3-12=-273/305, 4-12=-502/378, 4-10=-798/732, 5-10=-798/336, 5-9=-45/378, 6-9=-273/216

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left exposed; 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 bearings are assumed to be SYP No.2
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 401 lb uplift at joint 2, 518 lb uplift at joint 10 and 269 lb uplift at joint 7.

LOAD CASE(S) Standard

Job L166798	Truss T18H	Truss Type HIP	Qty 1	Ply 1	CORNERSTONE- LOT 74 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			6,200 s Jul 13 2005 MITek Industries, Inc. Thu May 25 09:22:25 2006 Page 1		

-2-0-0 3-0-0 8-6-0 14-0-0 17-0-0 19-0-0
 2-0-0 3-0-0 5-6-0 5-6-0 3-0-0 2-0-0

Scale = 1:35.2

3-0-0 8-6-0 14-0-0 17-0-0
 3-0-0 5-6-0 5-6-0 3-0-0

Plate Offsets (X,Y): [2:0-1-0,0-0-7], [6:0-1-0,0-0-7]										
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.34	Vert(LL)	0.14	8-9	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.37	Vert(TL)	-0.21	9-10	>970	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.37	Horz(TL)	0.04	6	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
Weight: 80 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	BRACING TOP CHORD Structural wood sheathing directly applied or 3-11-0 oc purtins. BOT CHORD Rigid ceiling directly applied or 6-11-5 oc bracing.
--	--

REACTIONS (lb/size) 2=962/0-3-8, 6=962/0-3-8
 Max Horz 2=59(load case 5)
 Max Uplift 2=595(load case 4), 6=595(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1566/954, 3-4=-2340/1484, 4-5=-2340/1484, 5-6=-1566/954, 6-7=0/47
 BOT CHORD 2-10=-813/1352, 9-10=-824/1370, 8-9=-812/1370, 6-8=-801/1352
 WEBS 3-10=-115/208, 3-9=-684/1021, 4-9=-356/263, 5-9=-684/1021, 5-8=-115/208

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; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
 3) Provide adequate drainage to prevent water ponding.
 4) All bearings are assumed to be SYP No.2
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 595 lb uplift at joint 2 and 595 lb uplift at joint 6.
 6) Girder carries hip end with 3-0-0 end setback.
 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 63 lb down and 32 lb up at 14-0-0, and 63 lb down and 32 lb up at 3-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-5=-64(F=-10), 5-7=-54, 2-10=-30, 8-10=-35(F=-5), 6-8=-30
 Concentrated Loads (lb)
 Vert: 10=-63(F) 8=-63(F)

Job L166798	Truss T19P	Truss Type HIP	Qty 1	Ply 1	CORNERSTONE- LOT 74 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MITek Industries, Inc. Thu May 25 09:22:26 2006 Page 1		

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/TP12002	CSI TC 0.29 BC 0.20 WB 0.35 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) 0.05 12-14 >999 240 Vert(TL) -0.05 2-14 >999 180 Horz(TL) 0.01 7 n/a n/a	PLATES GRIP MT20 244/190 Weight: 140 lb
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LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
--	--

REACTIONS (lb/size) 2=457/0-3-8, 11=1341/0-3-8, 7=457/0-3-8
 Max Horz 2=115(load case 6)
 Max Uplift 2=387(load case 5), 11=572(load case 5), 7=260(load case 6)
 Max Grav 2=498(load case 9), 11=1341(load case 1), 7=498(load case 10)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-426/453, 3-4=40/321, 4-5=-66/353, 5-6=-101/321, 6-7=-426/100, 7-8=0/47
 BOT CHORD 2-14=-242/320, 13-14=-242/320, 12-13=-242/320, 11-12=-228/304, 10-11=-228/378, 9-10=0/320, 7-9=0/320
 WEBS 3-14=-268/189, 3-12=-543/634, 4-12=-424/294, 4-11=-607/587, 5-11=-607/230, 5-10=-45/294, 6-10=-543/283, 6-9=0/189

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; porch left exposed; 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 bearings are assumed to be SYP No.2
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 387 lb uplift at joint 2, 572 lb uplift at joint 11 and 260 lb uplift at joint 7.

LOAD CASE(S) Standard

Job

L1666798

Truss

T20P

Truss Type

SPECIAL

Qty

1

Ply

2

CORNERSTONE- LOT 74 EMERALD COVE

Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 MITek Industries, Inc. Thu May 25 09:22:27 2006 Page 1

0-8-8

4-5-0

8-1-8

12-4-8

14-4-8

0-8-8

3-8-8

3-8-8

4-3-0

2-0-0

3x6 || 6x8 ≈

1

2

2x4 ||

3

6.00 || 12

3x6 ≈

4

12

W1

W2

W3

W4

W5

W6

B1

5

6

8

10

7

3x6 ||

5x8 ≈

5x6 ≈

12x14 ≈

4-5-0

5-4-8

8-1-8

12-4-8

4-5-0

0-11-8

2-9-0

4-3-0

6-2-3

6-2-3

0-4-3

Scale: 3/8"=1'

Plate Offsets (X,Y): [5:0-4-0,0-1-15]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCCL 20.0	Plates Increase	1.25	TC 0.40	Vert(LL)	-0.07	7-8	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.54	Vert(TL)	-0.12	7-8	>999	180		
BCCL 10.0	Rep Stress Incr	NO	WB 0.95	Horz(TL)	0.01	5	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)							
									Weight: 201 lb	

LUMBER

TOP CHORD 2 X 4 SYP No.2

BOT CHORD 2 X 8 SYP No.1D

WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size)

9=4690/0-3-8, 5=2498/0-3-8

Max Horz 9=-336(load case 5)

Max Uplift 9=-1816(load case 5), 5=-967(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD 1-9=-345/135, 1-2=-66/27, 2-3=-4050/1516, 3-4=-4058/1419, 4-5=-4953/1683, 5-6=0/53

BOT CHORD 8-9=-7/362, 8-10=-1395/4400, 7-10=-1395/4400, 5-7=-1395/4400

WEBS 2-9=-2977/1229, 2-8=-2286/5932, 3-8=-202/186, 4-8=-924/374, 4-7=-171/595

NOTES

1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:

Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

Bottom chords connected as follows: 2 X 8 - 2 rows at 0-4-0 oc.

Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.

3) Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.

4) Provide adequate drainage to prevent water ponding.

5) All bearings are assumed to be SYP No.2

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1816 lb uplift at joint 9 and 967 lb uplift at joint 5.

7) Girder carries tie-in span(s): 35-3-0 from 0-0-0 to 4-4-8

8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 3101 lb down and 1171 lb up at 5-4-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

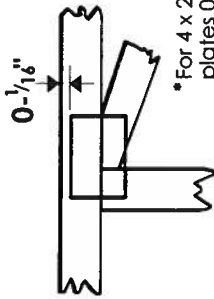
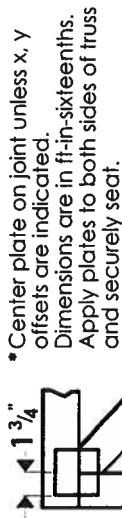
Vert: 1-2=-54, 2-6=-54, 8-9=-722(F=692), 5-8=-30

Concentrated Loads (lb)

Vert: 10=-3101(F)

Symbols

PLATE LOCATION AND ORIENTATION



* This symbol indicates the required direction of slots in connector plates.

* Plate location details available in **MITek 20/20** software or upon request.

PLATE SIZE

4 X 4

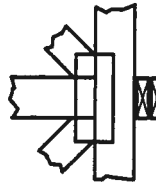
The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

BEARING

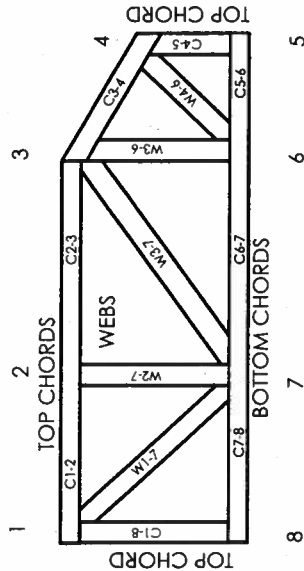


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCS11: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System

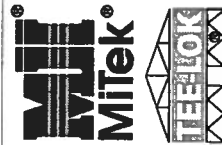


JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A



MITek Engineering Reference Sheet: **MI-7473**

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI1.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI1.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.

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COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 33-3S-16-02438-174

Building permit No. 000024679

Use Classification SFD, UTILITY

Fire: 55.80

Permit Holder BRYAN ZECHER

Waste: 167.50

Owner of Building CORNERSTONE DEVELOPERS

Total: 223.30

Location: 231 SW TIMBERLAND COURT

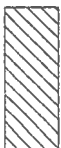
Date: 12/21/2006

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

BEARING HEIGHT SCHEDULE

	8'-0"
	9'-0"

NOTES:

- 1) REFER TO HB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING). REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
- 2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECAYED OR REFER TO DETAIL VIDS FOR ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
- 4) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
- 5) ALL WALLS SHOWN ON RISEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
- 6) 5x42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) ALL ROOF TRUSS HANGERS TO BE SAMPSON HUS26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SAMPSON THA422 UNLESS OTHERWISE NOTED.
- 8) BEARING AND RISEMENT (RDS) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VIDS. ALL PERIODS ARCHITECTURAL OR OTHER TRUSS LAYOUTS, REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Issued Bearing Date: _____

Approved By: _____ Date: _____



Burnell

PHONE: 904-437-3349 FAX: 904-437-3994

Jacksonville

PHONE: 904-772-6100 FAX: 904-772-1973

Lake City

PHONE: 904-755-6844 FAX: 904-755-7973

Sanford

PHONE: 407-322-0094 FAX: 407-322-5953

BUILDER: CORNERSTONE

LOT 74 EMERALD COVE

VICTORIA EC

DATE: 5/25/06 JRD L166798