

DATE 07/13/2006

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000024747

APPLICANT SUSAN FAIR PHONE 386.752.1711

ADDRESS 180 NW AMENITY COURT LAKE CITY FL 32055

OWNER CORNERSTONE DEVELOPERS PHONE 386.752.1711

ADDRESS 142 SW FIELDSTONE COURT LAKE CITY FL 32055

CONTRACTOR BRYAN ZECHER PHONE 386.752.8653

LOCATION OF PROPERTY 90-W TO HEATHRIDGE DR, TL TO FIELDSTONE CT, TR AND IT'S THE 2N LOT ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 89950.00

HEATED FLOOR AREA 1799.00 TOTAL AREA 2287.00 HEIGHT 19.90 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO. _____

PARCEL ID 33-3S-16-02438-168 SUBDIVISION EMERALD COVE

LOT 68 BLOCK _____ PHASE 1 UNIT _____ TOTAL ACRES 0.50

000001153 _____ CBC054575 _____ Susan Fair

Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor _____

18"X32'MITERED _____ 06-0597-N _____ BLK _____ JTH _____

Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 2478

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by _____ date/app. by _____ date/app. by _____

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

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

Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by _____ date/app. by _____ date/app. by _____

Permanent power _____ C.O. Final _____ Culvert _____
date/app. by _____ date/app. by _____ date/app. by _____

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

Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by _____ date/app. by _____ date/app. by _____

M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 450.00 CERTIFICATION FEE \$ 11.44 SURCHARGE FEE \$ 11.44

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 572.88

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 INCONVINCE, 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.

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 : 3628.80
mk 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)

Karen M. Wright
(Signature of Second Witness)

Karen M. Wright
(Typed Name of Second Witness)

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

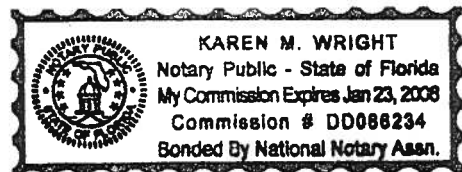
(Corporate Seal)

STATE OF FLORIDA
COUNTY OF COLUMBIA

18th 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

Columbia County Building Permit Application

572.88

Revised 9-23-04

For Office Use Only Application # 0606-109 Date Received 6/29/06 By G Permit # 1153/24747
Application Approved by - Zoning Official BLK Date 10.07.06 Plans Examiner OK JTH Date 6-30-06
Flood Zone X P plot Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den.
Comments NOL

Applicants Name SUSAN FAIR Fax: _____ Phone 752-1711
Address 180 NW AMENITY OT. LAKE CITY FL 32055
Owners Name CORNERSTONE DEVELOPERS Phone 752-1701
911 Address 142 SW FIELDSTONE CT. LAKE CITY, FL 32055
Contractors Name RYAN 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 DISOWAY 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 33-35-16-024385 168 Estimated Cost of Construction 110,000.00
Subdivision Name EMERALD COVE PHASE 1 Lot 88 Block _____ Unit _____ Phase _____
Driving Directions TAKE 90 WEST TO SW HEATHRIDGE DRIVE. GO LEFT. GO TO SECOND ST. + TURN RIGHT. SW FIELDSTONE CT. 2ND LOT ON RIGHT

Type of Construction FRAME & BRICK Number of Existing Dwellings on Property 0
Total Acreage 30.000 Lot Size 1/2 acre Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 35' L Side 31' R Side 31' Rear 120'
Total Building Height 19'9 1/2" Number of Stories 1 Heated Floor Area 1799 sqft Roof Pitch 6/12
2287

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.

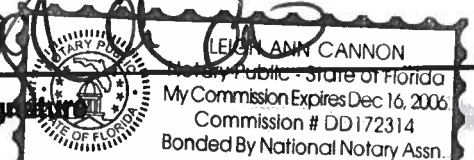
[Signature]
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

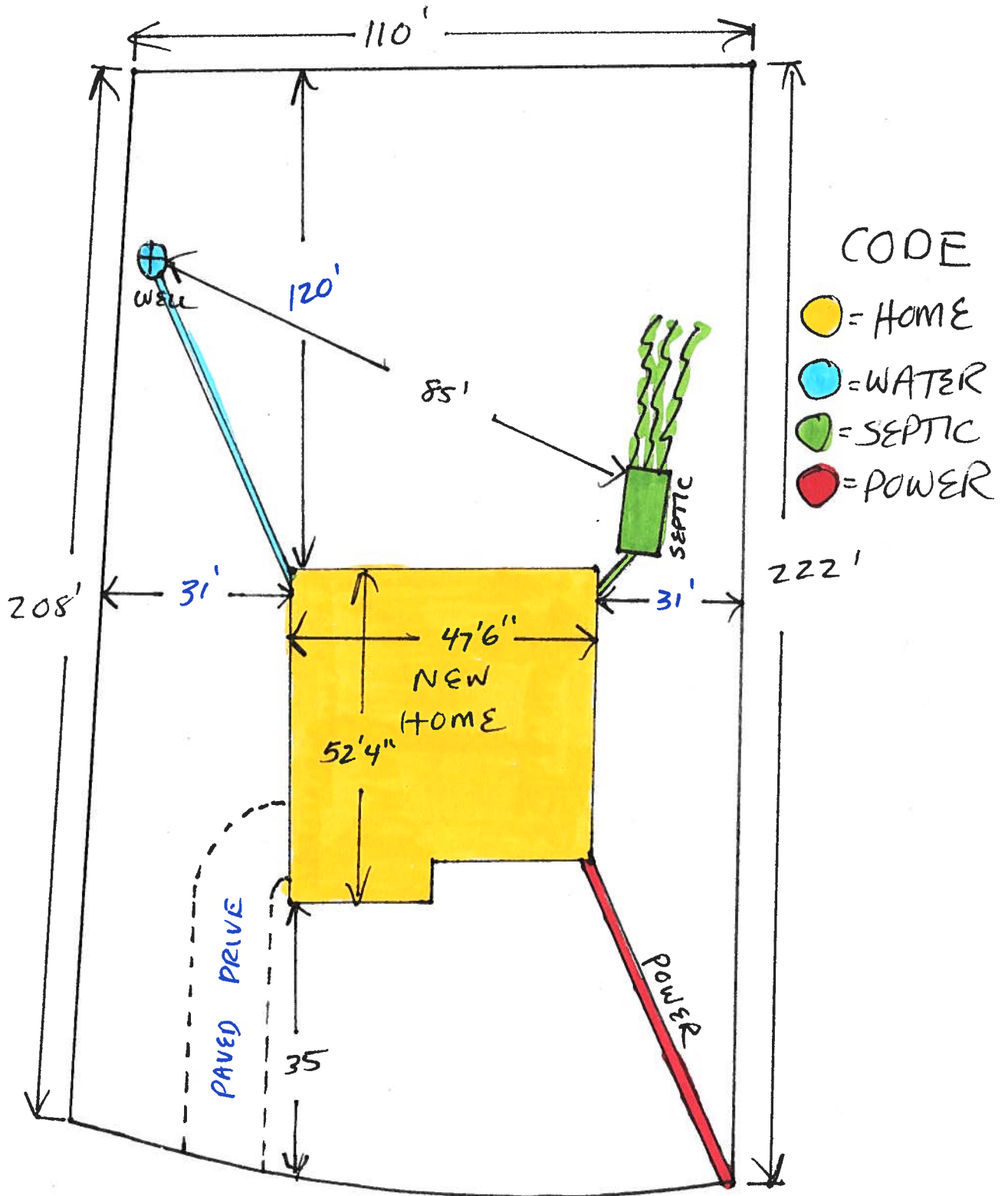
Sworn to (or affirmed) and subscribed before me
this 29th day of June 2006.
Personally known L or Produced Identification _____

[Signature]
Contractor Signature
Contractors License Number _____
Competency Card Number _____
NOTARY STAMP/SEAL

[Signature]
Notary Signature



EMERALD COVE LOT 68 SITE PLAN



S.W. FIELDSTONE COURT

OWNER: DDP CORPORATION.
ZONE: A-3

OWNER: DDP CORPORATION.
ZONE: A-3

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

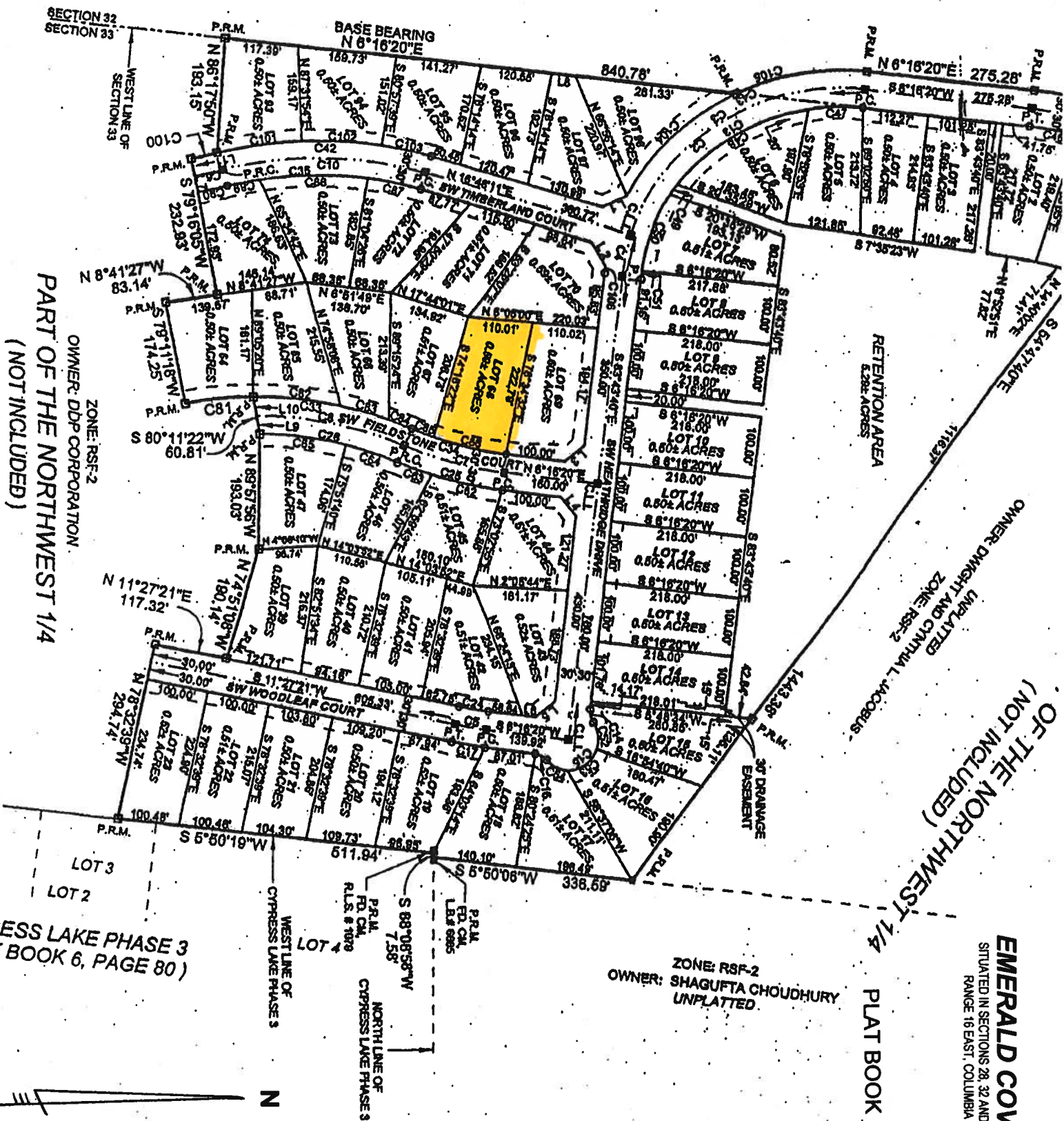
ZONE: RSF-2
OWNER: DDP CORPORATION

OF THE NORTHWEST
(NOT INCLUDED)

EMERALD COVE, PHASE I
SITUATED IN SECTIONS 28, 32 AND 33, TOWNSHIP 3 SOUTH,
RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA

RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA

OWNER: ZONE: RSF-2
SHAGUFTA CHOUDHURY
UNPLATTED

PLAT BOOK 8, PAGE 34

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **605255CornerStoneTheGriffin**
 Address: **Lot: 68, Sub: Emerald Cove, Plat:**
 City, State: **Lake City, FL**
 Owner:
 Climate Zone: **North**

Builder:
 Permitting Office: **COLUMBIA**
 Permit Number: **24747**
 Jurisdiction Number: **221000**

1. New construction or existing	New	___
2. Single family or multi-family	Single family	___
3. Number of units, if multi-family	1	___
4. Number of Bedrooms	3	___
5. Is this a worst case?	Yes	___
6. Conditioned floor area (ft²)	1799 ft²	___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		
a. U-factor:	Description Area	
(or Single or Double DEFAULT)	7a. (Dble Default) 156.0 ft²	___
b. SHGC:		
(or Clear or Tint DEFAULT)	7b. (Clear) 156.0 ft²	___
8. Floor types		
a. Slab-On-Grade Edge Insulation	R=0.0, 184.0(p) ft	___
b. N/A		___
c. N/A		___
9. Wall types		
a. Frame, Wood, Exterior	R=13.0, 1002.0 ft²	___
b. Frame, Wood, Exterior	R=13.0, 233.0 ft²	___
c. N/A		___
d. N/A		___
e. N/A		___
10. Ceiling types		
a. Under Attic	R=30.0, 1859.0 ft²	___
b. N/A		___
c. N/A		___
11. Ducts		
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 170.0 ft	___
b. N/A		___
12. Cooling systems		
a. Central Unit	Cap: 32.0 kBtu/hr	___
	SEER: 10.00	___
b. N/A		___
c. N/A		___
13. Heating systems		
a. Electric Heat Pump	Cap: 32.0 kBtu/hr	___
	HSPF: 7.00	___
b. N/A		___
c. N/A		___
14. Hot water systems		
a. Electric Resistance	Cap: 40.0 gallons	___
	EF: 0.93	___
b. N/A		___
c. Conservation credits		___
(HR-Heat recovery, Solar		
DHP-Dedicated heat pump)		
15. HVAC credits		___
(CF-Ceiling fan, CV-Cross ventilation,		
HF-Whole house fan,		
PT-Programmable Thermostat,		
MZ-C-Multizone cooling,		
MZ-H-Multizone heating)		

Glass/Floor Area: 0.09

Total as-built points: 25546

Total base points: 26353

PASS

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

PREPARED BY: Y. Ben Graham
 DATE: 6-5-06

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

OWNER/AGENT: Chris Wilcox
 DATE: 6-20-06

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: 68, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT						
GLASS TYPES										
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X	SPM X	SOF = Points	
.18	1799.0	20.04	6489.4	Double, Clear	W	1.5 5.5	45.0	38.52	0.90	1554.9
				Double, Clear	W	1.5 6.5	20.0	38.52	0.93	714.3
				Double, Clear	N	1.5 5.5	15.0	19.20	0.93	267.3
				Double, Clear	E	1.5 5.5	60.0	42.06	0.90	2261.9
				Double, Clear	E	6.0 7.2	13.3	42.06	0.56	312.7
				Double, Clear	S	1.5 1.2	2.7	35.87	0.49	47.2
				As-Built Total:			156.0			5158.3
WALL TYPES										
Area X BSPM = Points				Type	R-Value		Area X	SPM	= Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1002.0	1.50	1503.0	
Exterior	1235.0	1.70	2099.5	Frame, Wood, Exterior	13.0		233.0	1.50	349.5	
Base Total:				As-Built Total:			1235.0			1852.5
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	1799.0	1.73	3112.3	Under Attic	30.0		1859.0	1.73 X 1.00	3216.1	
Base Total:				As-Built Total:			1859.0			3216.1
FLOOR TYPES										
Area X BSPM = Points				Type	R-Value		Area X	SPM	= Points	
Slab	184.0(p)	-37.0	-6808.0	Slab-On-Grade Edge Insulation	0.0		184.0(p)	-41.20	-7580.8	
Raised	0.0	0.00	0.0							
Base Total:				As-Built Total:			184.0			-7580.8
INFILTRATION										
Area X BSPM = Points							Area X	SPM	= Points	
	1799.0	10.21	18367.8				1799.0	10.21	18367.8	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 68, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT									
Summer Base Points: 23456.9				Summer As-Built Points: 21209.8									
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
23456.9		0.4266	10006.7	(sys 1: Central Unit 32000 btuh ,SEER/EFF(10.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 21210 1.00 (1.09 x 1.147 x 1.00) 0.341 1.000 9050.3 21209.8 1.00 1.250 0.341 1.000 9050.3									

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 68, 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	1799.0	12.74	4125.5	Double, Clear	W	1.5	5.5	45.0	20.73	1.03	959.0
				Double, Clear	W	1.5	6.5	20.0	20.73	1.02	422.7
				Double, Clear	N	1.5	5.5	15.0	24.58	1.00	369.8
				Double, Clear	E	1.5	5.5	60.0	18.79	1.04	1174.2
				Double, Clear	E	6.0	7.2	13.3	18.79	1.24	310.2
				Double, Clear	S	1.5	1.2	2.7	13.30	3.11	111.8
				As-Built Total:		156.0				3347.6	
WALL TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior		13.0		1002.0	3.40	3406.8	
Exterior	1235.0	3.70	4569.5	Frame, Wood, Exterior		13.0		233.0	3.40	792.2	
Base Total:		1235.0	4569.5	As-Built Total:				1235.0	4199.0		
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:		60.0	496.0	As-Built Total:				60.0	496.0		
CEILING TYPESArea X BWPM = Points				Type		R-Value		Area X WPM X WCM = Points			
Under Attic	1799.0	2.05	3687.9	Under Attic		30.0		1859.0	2.05 X 1.00	3810.9	
Base Total:		1799.0	3687.9	As-Built Total:				1859.0	3810.9		
FLOOR TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Slab	184.0(p)	8.9	1637.6	Slab-On-Grade Edge Insulation		0.0		184.0(p)	18.80	3459.2	
Raised	0.0	0.00	0.0								
Base Total:			1637.6	As-Built Total:				184.0	3459.2		
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
	1799.0	-0.59	-1061.4					1799.0	-0.59	-1061.4	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 68, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT									
Winter Base Points: 13455.1				Winter As-Built Points: 14251.4									
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
13455.1		0.6274	8441.7	(sys 1: Electric Heat Pump 32000 btuh ,EFF(7.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 14251.4 1.000 (1.069 x 1.169 x 1.00) 0.487 1.000 8675.7 14251.4 1.00 1.250 0.487 1.000 8675.7									

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 68, Sub: Emerald Cove, Plat: , Lake City, FL,

PERMIT #:

BASE					AS-BUILT						
WATER HEATING											
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit	= Total Multiplier
3		2635.00		7905.0	40.0	0.93	3		1.00	2606.67	1.00
					As-Built Total:						7820.0

CODE COMPLIANCE STATUS											
BASE					AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Total Points
10007		8442		7905		26353	9050		8676		25546

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 68, 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.

, Lot: 68, 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: 32.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1799 ft²		
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: 32.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 156.0 ft²		HSPF: 7.00
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 156.0 ft²	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 184.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.93
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1002.0 ft²	c. Conservation credits	
b. Frame, Wood, Exterior	R=13.0, 233.0 ft²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 1859.0 ft²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 170.0 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: Chin W. G. Date: 6-28-06

Address of New Home: 142 SW. FIELDSTONE 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.

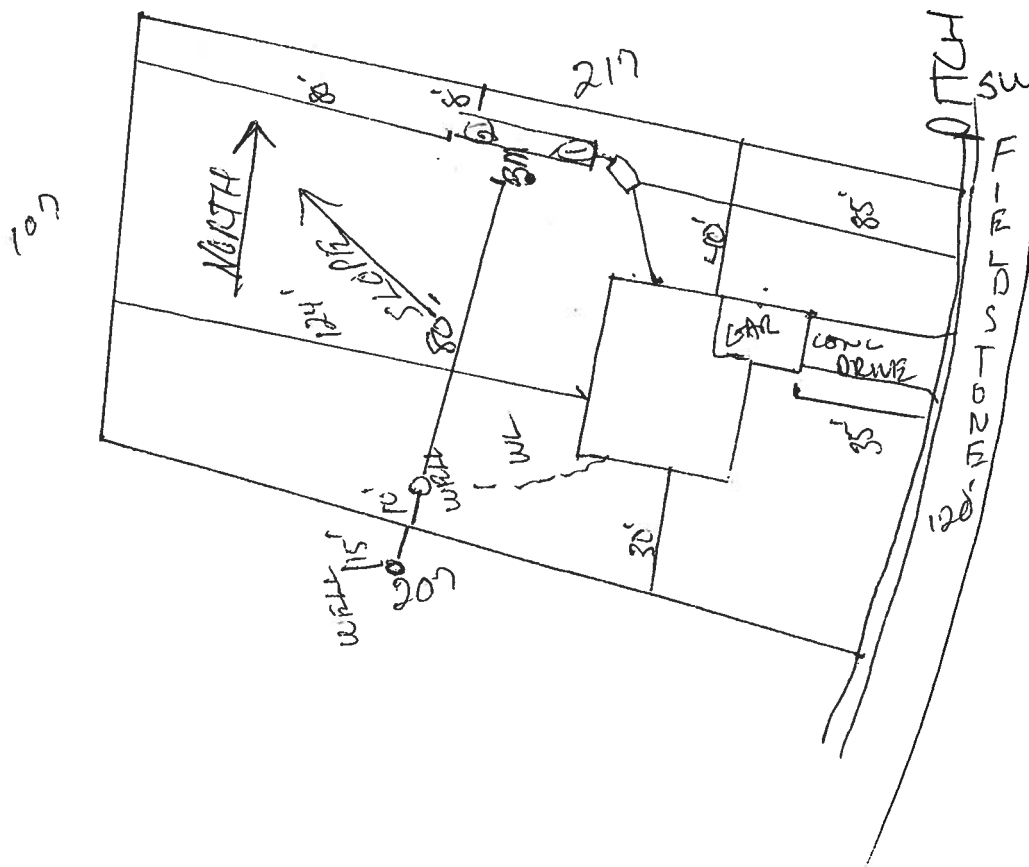
1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLR2PB v4.1)

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

Permit Application Number 06-05971

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

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Reed D. F. O.

Plan Approved ☒ Not Approved ☐

By Mr. O. J. O. Columbia

MASTER CONTRACTOR

Date 6/26/06

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
~~XXXX NORTH WILKINS STREET~~
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

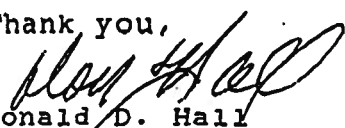
June 12, 2002

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

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001153

DATE 07/13/2006 PARCEL ID # 33-3S-16-02438-168
APPLICANT SUSAN FAIR PHONE 386.752.1711
ADDRESS 180 NW AMENITY COURT LAKE CITY FL 32055
OWNER CORNERSTONE DEVELOPERS PHONE 386.752.1711
ADDRESS 142 SW FIELDSTONE COURT LAKE CITY FL 32055
CONTRACTOR BRYAN ZECHER PHONE 386.752.8653
LOCATION OF PROPERTY 90-W TO HEATHRIDGE DR, TL TO FIELDSTONE CT, TR AND IT'S THE 2ND
LOT ON R. _____
SUBDIVISION/LOT/BLOCK/PHASE/UNIT EMERALD COVE 68 1
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

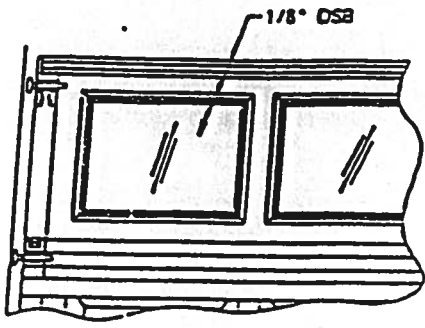


GARAGE DOORS

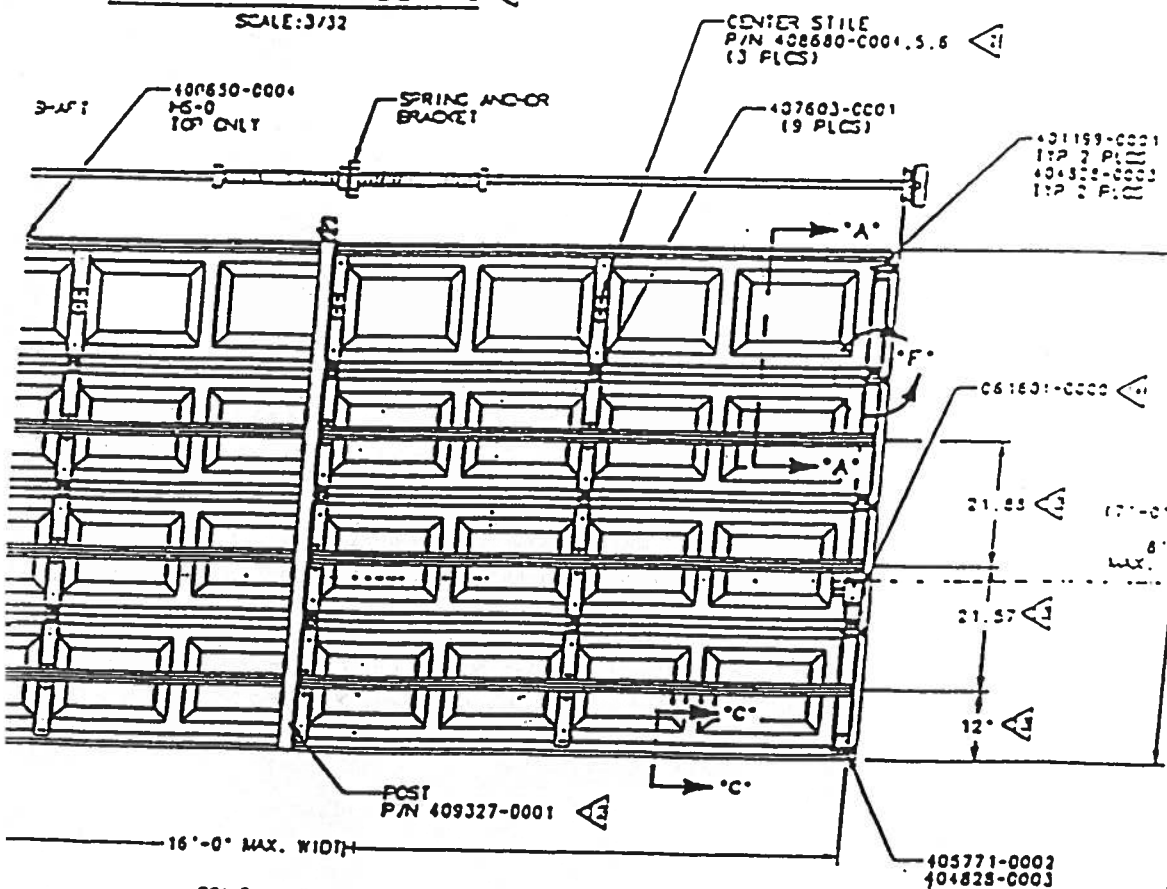
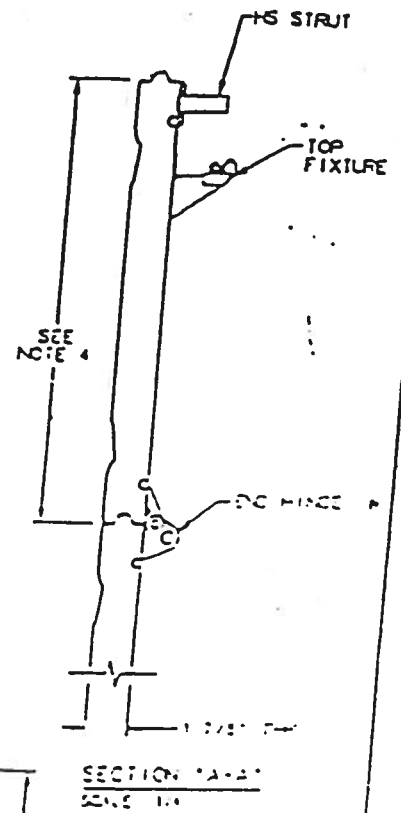
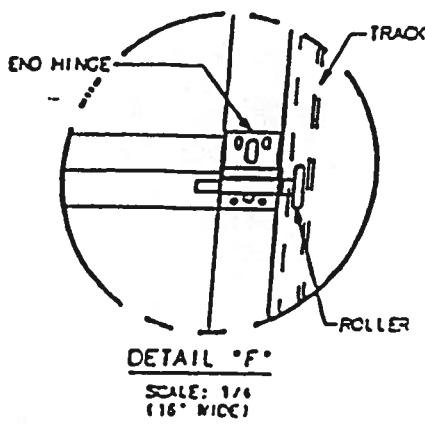
REVISIONS			
LETTER	DESCRIPTION	DATE	BY
A	REV PER EN 10130	3/06/98	DA
B	REV PER EN 10141	3/13/98	DA
C	REV PER EN 10137	1/28/97	DA

SECTION WITH 5 OR MORE SECTIONS MUST BE
 1 STRUTS FOR THE ADDITIONAL INTERMEDIATE
 ON THE THIRD SECTION.
 1.1 SECTIONS LESS THAN 20.812" MUST BE
 THE ACTUAL SECTION HEIGHT & 20.812".
 1 X 5/8" LONG TYPE AB HEX HEAD METAL SCREW
 1 WIND WARNING ISSUED.

2.



OPTIONAL WINDOW DETAIL $\triangle 4$
 SCALE: 3/32



DESIGN LOAD
 25 PSF =
 TEST LOAD
 37.5 PSF =

SCALE: 1/16 inch = 1 foot
 INTERIOR ELEVATION

Handwritten signature and date: 10/10/98

THE SHOWN ABOVE INFORMATION ON THIS
 SHEET IS THE PROPERTY OF GARAGE DOOR
 OF THE MANUFACTURER AND IS LOANED TO YOU FOR
 YOUR INFORMATION AND USE ONLY. IT IS NOT TO BE
 REPRODUCED OR TRANSMITTED IN ANY FORM OR
 BY ANY MEANS, ELECTRONIC OR MECHANICAL,
 INCLUDING PHOTOCOPYING, RECORDING, OR BY
 ANY INFORMATION STORAGE AND RETRIEVAL
 SYSTEM, WITHOUT THE WRITTEN PERMISSION OF
 THE MANUFACTURER.

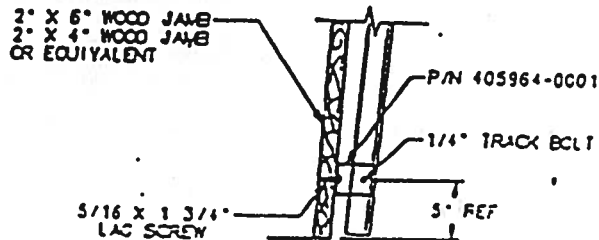
VALUES SHOWN SPECIFIED		DATE	BY	REVISION
DATE	DESCRIPTION	DATE	BY	REVISION
01/13/98	M. TOLNIS	01/13/98	DAVID FAX	1
02/19/98	DAVID FAX	02/19/98	DAVID FAX	2
02/19/98	DAVID FAX	02/19/98	DAVID FAX	3

SERIES 280 & 280
 RESI STL CR. 16'-0" MAX
 WIDTH WINDOW
 D-409335

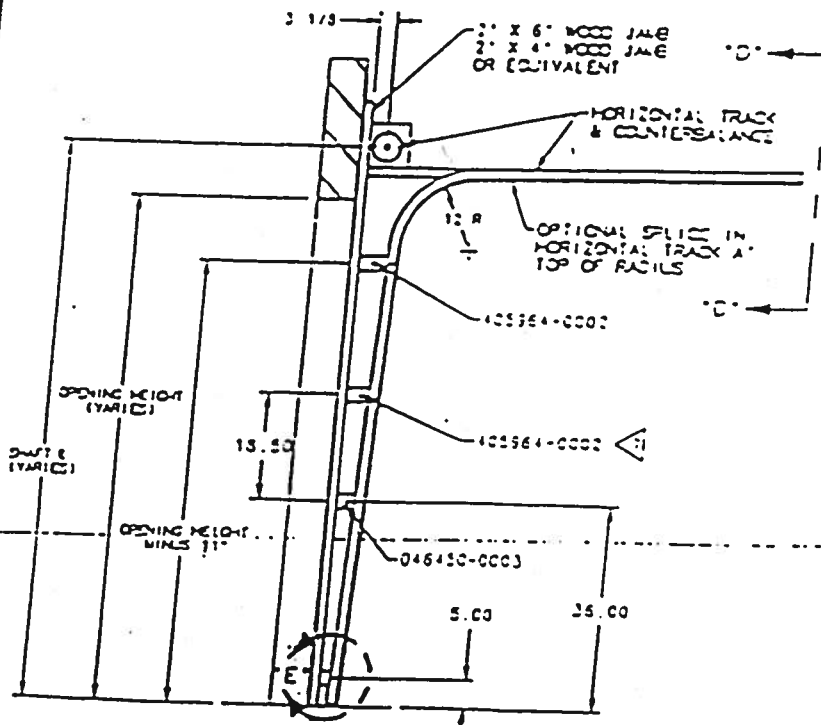
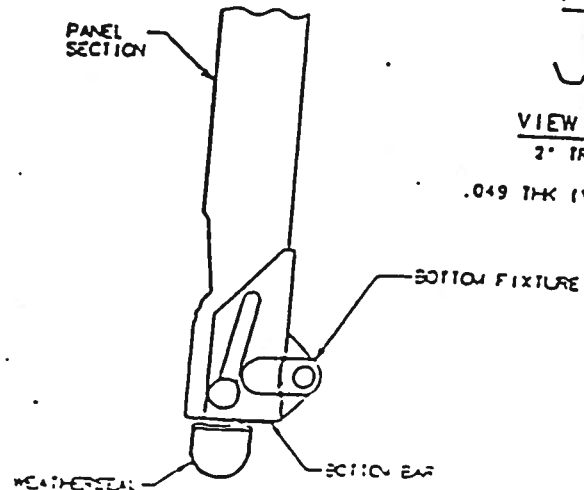
RULES

1. TESTED IN ACCORDANCE WITH STANDARD BUILDING CODE, CHAPTER 17, TO A POSITIVE AND NEGATIVE 37.5 PSF.
2. DASH NUMBERS REPRESENT VARIOUS SECTION HEIGHTS.
3. FOUR SECTION 7' HIGH DOOR SHOWN. 8' HIGH DOORS HAVE FIVE SECTIONS.
4. SECTION HEIGHT OF 20.312, 19.00 & 16.75 ARE AVAILABLE AND MAY BE USED IN COMBINATION TO ACHIEVE VARIOUS HEIGHT DOORS.
5. EMBOSSED PATTERN OF 14.50 X 20.375 SHOWN. ALTERNATE PATTERNS OF 12.50 X 43.375 AND 12.50 X 20.375 MAY BE USED.
6. TORSION SPRINGS SHOWN. EXTENSION SPRINGS AVAILABLE.
7. USE THIS BRACKET, REF. P/N 405964-0002, ON 8' HIGH DOORS ONLY.
8. WINDOW MAY BE INSTALLED IN THE TOP SECTION OR THE SECTION IMMEDIATELY BELOW THE TOP SECTION.

9. THE STRUT PLACEMENT ON C CONSISTENT WITH THE DOOR SECTIONS ARE TO BE PLACED
10. THE STRUT PLACEMENT DIMED REDUCED BY THE DIFFERENCE
11. SCREW P/N 805911-0001 IS
12. POST TO BE INSTALLED ONLY
13. STRUT PLACEMENTS CAN VARY
14. QUANTITY FOR LOCKS CAN BE

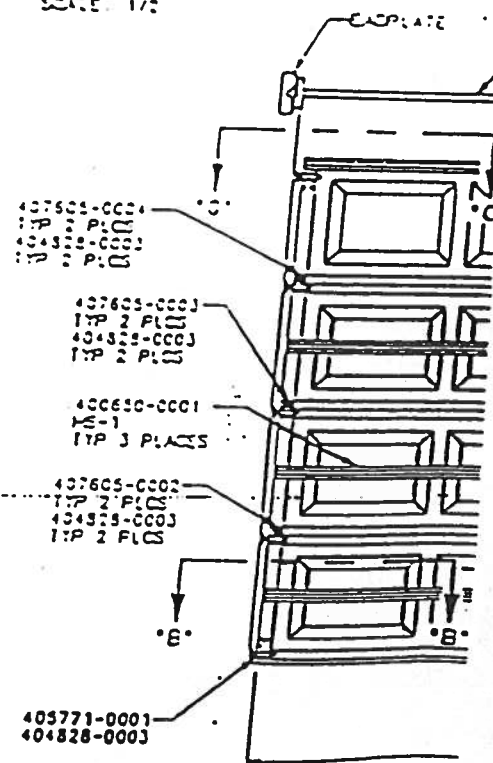


DETAIL "E"
SCALE: 1/8"



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

SECTION "C-C"
SCALE: 1/2"



SERIES 280 THRU 289 ARE EQUIVALENT CONSTRUCTION 25GA STEEL
SERIES 180 ARE SAME CONSTRUCTION AS SERIES 280 ONLY 24GA STEEL
AND END CAPS
DOOR TESTED WAS 251 SERIES.

DOOR WIDTH	CENTER STILE	END STILE	ROLLER SH-FT BRACKET	STRUTS/SECT.	ROLLER	VERTICAL TRACK GAGE	JAMB LOAD (1 PER FT-HI)	HARDWARE
16"	3	SINGLE		PS1 PS0	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)	27.7	9.0	10.4	11.7	12.9	14.2	15.5
Weight (lb/ft)	326	514	789	1115	1521	2014	2604
Moment Capacity (ft-k)	8865	12015	15996	20145	24772	29877	35460
Reaction (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)	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	990 / 720	3-1/2" x 9-3/4"	3-1/2" x 9-3/8"	3-1/2" x 10-1/2"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"
640 / 400	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	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 / 490	750 / 490	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	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.anthonystore.com>
e-mail: info@anthonystore.com
© 2001 Anthony Forest Products Company

Distributed by:

WOODFORD PLYWOOD, INC.
"Structural Wood Products"

11960 West Beaver Street
Jacksonville, Florida 32220

(904) 685-0080
(800) 447-6568
FAX (904) 685-0160

Anthony POWER HEADER®

26F_b - 1.9E

3-1/2" WIDTH GARAGE HEADER PLF CAPACITY

[illegible]

844	975	1322								
161	207	254	330	390	510	552	724	752	897	
114	145	180	231	277	359	391	510	534	699	693

562	778	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:

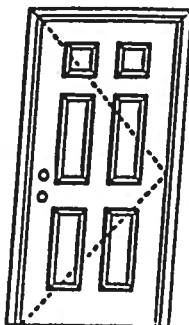
GARAGE HEADER SIZING USING PLF TABLES:
To size a garage header supporting roof only, determine the total load & live load in pounds per lineal foot (PLF). Check the appropriate PLF table for a header supporting roof loads only (125% Non-Snow vs. 113% Snow) and select a member with a total load and live 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.its-wh.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 threshold 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. Specify the region required.

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:



1-panel



Arch Top 3-panel



3-panel



5-panel



New England 4-panel



Eyeview 4-panel



6-panel



9-panel



15-panel



3-panel



3-panel with screen



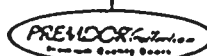
Eyeview 5-panel



Eyeview 5-panel with screen

Johnson
EntrySystems

June 17, 2002
Our continuing program of product improvement calls for occasional design and product changes without notice.



Continuity 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 Balthazor

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

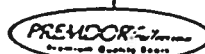


Test Data Review Certificate #3026447A
and COP/Test Report Validation Matrix
#3026447A-001 provides additional
information - available from the IFSWH
website (www.ifswm.com), the
Masonite website (www.masonite.com)
or the Masonite technical center.

Johnson
EntrySystems

June 17, 2002

Our company complies with product performance standards and is proud
to be a leader in the industry.



Exclusively from
Masonite
Masonite International Corporation

WINDOWS



AAMA/NWDA 101/1.S.2-97
TEST REPORT SUMMARY

Rendered to:

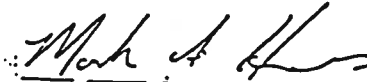
MI HOME PRODUCTS, INC.

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.

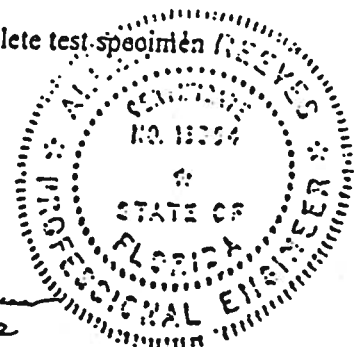
For ARCHITECTURAL TESTING, INC.



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

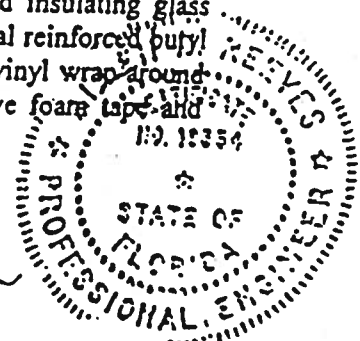
Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

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. Reum
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.

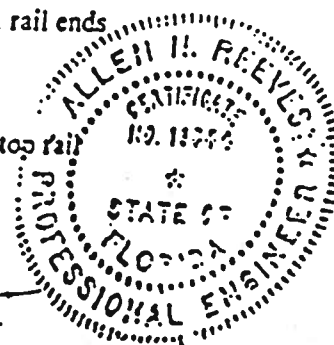
Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

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
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.

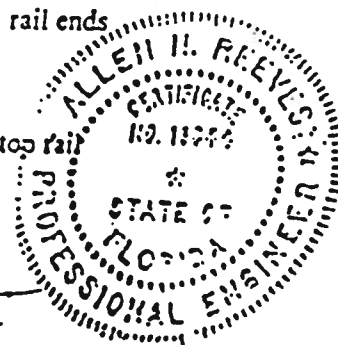
Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

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)

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

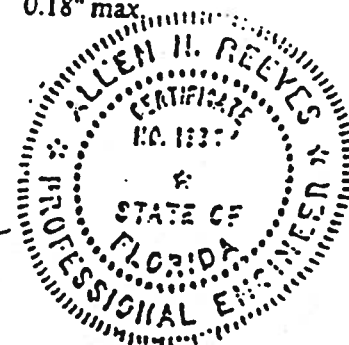
Note #1: The tested specimen meets the performance levels specified in ASTM E 283-91 101/1.5. 2-97 for air infiltration.

	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.
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Allen H. Reeves
1 APRIL 2002





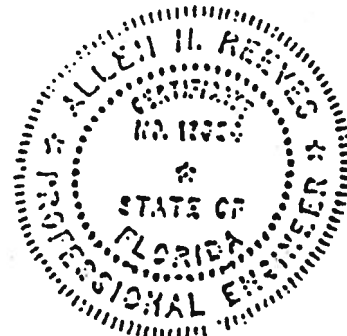
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification.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

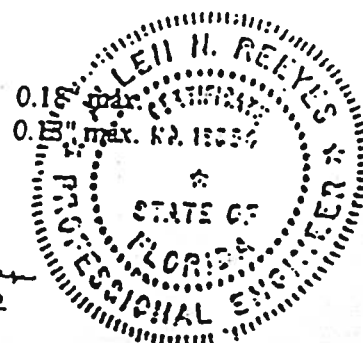
Optional Performance

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. Reeves
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 SS -**PA 100 = 4 nails****PA 107 = 5 nails****MD NOA# = 01-1226 04****Prestique LS 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 Delamette - QA Engineer
(205) 342-0293

ROOFING PRODUCTS SPECIFICATIONS - TUSCALOOSA, AL



PRESTIQUE®
HIGH DEFINITION®



RAISED PROFILE™

High Definition

Product Size	121" x 33 1/2"	Shingle weight minimum 2.2 lbs/sq ft
Exposure	33"	Shingle weight maximum 2.4 lbs/sq ft
Peak Exposure	16"	Shingle weight minimum 2.2 lbs/sq ft
Shingles/Square	1500 (12/16)	Shingle weight maximum 2.4 lbs/sq ft
Shingles/Panel	31	Shingle weight minimum 2.2 lbs/sq ft

Product Size	121" x 33 1/2"	Shingle weight minimum 2.2 lbs/sq ft
Exposure	33"	Shingle weight maximum 2.4 lbs/sq ft
Peak Exposure	16"	Shingle weight minimum 2.2 lbs/sq ft
Shingles/Square	1500 (12/16)	Shingle weight maximum 2.4 lbs/sq ft
Shingles/Panel	31	Shingle weight minimum 2.2 lbs/sq ft

High Definition

Product Size	121" x 33 1/2"	Shingle weight minimum 2.2 lbs/sq ft
Exposure	33"	Shingle weight maximum 2.4 lbs/sq ft
Peak Exposure	16"	Shingle weight minimum 2.2 lbs/sq ft
Shingles/Square	1500 (12/16)	Shingle weight maximum 2.4 lbs/sq ft
Shingles/Panel	31	Shingle weight minimum 2.2 lbs/sq ft

HIP AND RIDGE SHINGLES

Product Size	121" x 33 1/2"	Shingle weight minimum 2.2 lbs/sq ft
Exposure	33"	Shingle weight maximum 2.4 lbs/sq ft
Peak Exposure	16"	Shingle weight minimum 2.2 lbs/sq ft
Shingles/Square	1500 (12/16)	Shingle weight maximum 2.4 lbs/sq ft
Shingles/Panel	31	Shingle weight minimum 2.2 lbs/sq ft

High Definition

Product Size	121" x 33 1/2"	Shingle weight minimum 2.2 lbs/sq ft
Exposure	33"	Shingle weight maximum 2.4 lbs/sq ft
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Shingles/Square	1500 (12/16)	Shingle weight maximum 2.4 lbs/sq ft
Shingles/Panel	31	Shingle weight minimum 2.2 lbs/sq ft

These shingles are made from high quality virgin polypropylene resin. They are designed to provide long life and excellent performance in all climates. The shingles are made from a single piece of material, which gives them a unique, three-dimensional appearance. The shingles are made from a single piece of material, which gives them a unique, three-dimensional appearance. The shingles are made from a single piece of material, which gives them a unique, three-dimensional appearance.

As Prestique and Raised Profile shingles meet the UL Wind Resistance (UL 580) and Class "A" Fire Ratings (UL 94), and ASTM Specifications D 3018, Type I, D 3110, Type I, C 108 and the requirements of ASTM D 3112.

As Prestique and Raised Profile shingles meet the latest Building Code and all other requirements, they are the only shingles that can be used in all climates. They are the only shingles that can be used in all climates. They are the only shingles that can be used in all climates.

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SOUTHEAST &
ATLANTIC OFFICE:
800.945.5545

CORPORATE HEADQUARTERS:
800.945.5545

PLANT LOCATION:
800.945.5545

ELK®
www.elkcorp.com

Residential System Sizing Calculation

Summary

Lake City, FL

Project Title:
605255CornerStoneTheGriffin

Class 3 Rating
Registration No. 0
Climate: North

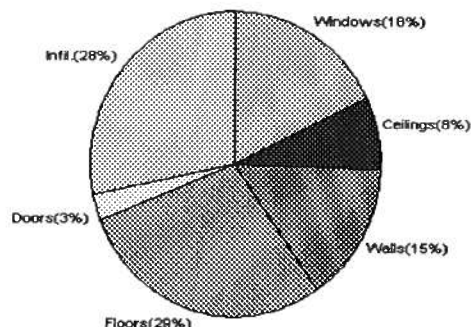
6/5/2006

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	27851 Btuh	Total cooling load calculation	22583 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	114.9 32000	Sensible (SHR = 0.75)	135.6 24000
Heat Pump + Auxiliary(0.0kW)	114.9 32000	Latent	163.9 8000
		Total (Electric Heat Pump)	141.7 32000

WINTER CALCULATIONS

Winter Heating Load (for 1799 sqft)

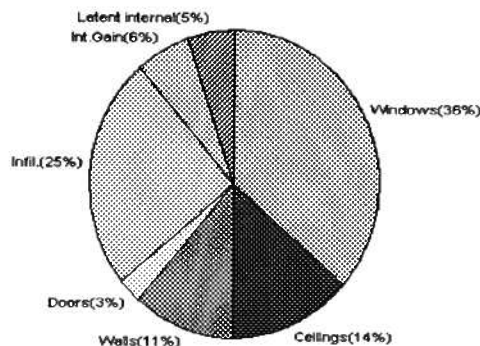
Load component		Load	
Window total	156 sqft	5022	Btuh
Wall total	1235 sqft	4056	Btuh
Door total	60 sqft	777	Btuh
Ceiling total	1859 sqft	2191	Btuh
Floor total	184 sqft	8033	Btuh
Infiltration	192 cfm	7773	Btuh
Duct loss		0	Btuh
Subtotal		27851	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		27851	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1799 sqft)

Load component		Load	
Window total	156 sqft	8203	Btuh
Wall total	1235 sqft	2576	Btuh
Door total	60 sqft	588	Btuh
Ceiling total	1859 sqft	3079	Btuh
Floor total		0	Btuh
Infiltration	101 cfm	1875	Btuh
Internal gain		1380	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		17701	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		3682	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		4882	Btuh
TOTAL HEAT GAIN		22583	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *[Signature]*

DATE: 6-5-06

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Lake City, FL

Project Title:
605255CornerStoneTheGriffin

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

6/5/2006

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	45.0		32.2	1449 Btuh
2	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
3	2, Clear, Metal, 0.87	NE	15.0		32.2	483 Btuh
4	2, Clear, Metal, 0.87	SE	60.0		32.2	1931 Btuh
5	2, Clear, Metal, 0.87	SE	13.3		32.2	428 Btuh
6	2, Clear, Metal, 0.87	SW	2.7		32.2	87 Btuh
Window Total			156(sqft)			5022 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1002		3.3	3291 Btuh
2	Frame - Wood - Ext(0.09)	13.0	233		3.3	765 Btuh
Wall Total			1235			4056 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	1859		1.2	2191 Btuh
Ceiling Total			1859			2191Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	184.0	ft(p)	43.7	8033 Btuh
Floor Total			184			8033 Btuh
Zone Envelope Subtotal:						20078 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.80	14392	191.9		7773 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					27851 Btuh

WHOLE HOUSE TOTALS

	Subtotal Sensible	27851 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	27851 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Lake City, FL

Project Title:
605255CornerStoneTheGriffin

Class 3 Rating
Registration No. 0
Climate: North

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

Lake City, FL

Project Title:
605255CornerStoneTheGriffin

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

6/5/2006

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	45.0		32.2	1449 Btuh
2	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
3	2, Clear, Metal, 0.87	NE	15.0		32.2	483 Btuh
4	2, Clear, Metal, 0.87	SE	60.0		32.2	1931 Btuh
5	2, Clear, Metal, 0.87	SE	13.3		32.2	428 Btuh
6	2, Clear, Metal, 0.87	SW	2.7		32.2	87 Btuh
Window Total			156(sqft)			5022 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1002		3.3	3291 Btuh
2	Frame - Wood - Ext(0.09)	13.0	233		3.3	765 Btuh
Wall Total			1235			4056 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	1859		1.2	2191 Btuh
Ceiling Total			1859			2191Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	184.0	ft(p)	43.7	8033 Btuh
Floor Total			184			8033 Btuh
Zone Envelope Subtotal:						20078 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.80	14392	191.9		7773 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					27851 Btuh

WHOLE HOUSE TOTALS

	Subtotal Sensible	27851 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	27851 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Lake City, FL

Project Title:
605255CornerStoneTheGriffin

Class 3 Rating
Registration No. 0
Climate: North

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

Lake City, FL

Project Title:
605255CornerStoneTheGriffin

Class 3 Rating
Registration No. 0
Climate: North

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

6/5/2006

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.	5.5ft.	45.0	0.0	45.0	29	60	2702 Btuh
2	2, Clear, 0.87, None,N,N	NW	1.5ft.	6.5ft.	20.0	0.0	20.0	29	60	1201 Btuh
3	2, Clear, 0.87, None,N,N	NE	1.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901 Btuh
4	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	60.0	24.3	35.7	29	63	2937 Btuh
5	2, Clear, 0.87, None,N,N	SE	6ft.	7.16	13.3	13.3	0.0	29	63	385 Btuh
6	2, Clear, 0.87, None,N,N	SW	1.5ft.	1.16	2.7	2.7	0.0	29	63	78 Btuh
Window Total					156 (sqft)					8203 Btuh
Walls	Type	R-Value/U-Value			Area(sqft)		HTM		Load	
1	Frame - Wood - Ext	13.0/0.09			1002.0		2.1		2090 Btuh	
2	Frame - Wood - Ext	13.0/0.09			233.0		2.1		486 Btuh	
Wall Total						1235 (sqft)				2576 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			1859.0		1.7		3079 Btuh	
Ceiling Total						1859 (sqft)				3079 Btuh
Floors	Type	R-Value			Size		HTM		Load	
1	Slab On Grade	0.0			184 (ft(p))		0.0		0 Btuh	
Floor Total						184.0 (sqft)				0 Btuh
Zone Envelope Subtotal:										14446 Btuh
Infiltration	Type	ACH			Volume(cuft)		CFM=		Load	
	SensibleNatural	0.42			14392		100.7		1875 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										17701 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Lake City, FL

Project Title:
605255CornerStoneTheGriffin

Class 3 Rating
Registration No. 0
Climate: North

6/5/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	17701 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	17701 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	17701 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3682 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	4882 Btuh
	TOTAL GAIN	22583 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

Lake City, FL

Project Title:
605255CornerStoneTheGriffin

Class 3 Rating
Registration No. 0
Climate: North

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

6/5/2006

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.	5.5ft.	45.0	0.0	45.0	29	60	2702	Btuh	
2	2, Clear, 0.87, None,N,N	NW	1.5ft.	6.5ft.	20.0	0.0	20.0	29	60	1201	Btuh	
3	2, Clear, 0.87, None,N,N	NE	1.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901	Btuh	
4	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	60.0	24.3	35.7	29	63	2937	Btuh	
5	2, Clear, 0.87, None,N,N	SE	6ft.	7.16	13.3	13.3	0.0	29	63	385	Btuh	
6	2, Clear, 0.87, None,N,N	SW	1.5ft.	1.16	2.7	2.7	0.0	29	63	78	Btuh	
Window Total					156 (sqft)					8203 Btuh		
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load		
	1	Frame - Wood - Ext	13.0/0.09			1002.0			2.1		2090	Btuh
	2	Frame - Wood - Ext	13.0/0.09			233.0			2.1		486	Btuh
	Wall Total						1235 (sqft)			2576 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			1859.0			1.7		3079	Btuh
	Ceiling Total						1859 (sqft)			3079 Btuh		
Floors	Type	R-Value			Size			HTM		Load		
	1	Slab On Grade	0.0			184 (ft(p))			0.0		0	Btuh
	Floor Total						184.0 (sqft)			0 Btuh		
	Zone Envelope Subtotal:									14446 Btuh		
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load		
	SensibleNatural	0.42			14392			100.7		1875 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									17701 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Lake City, FL

Project Title:
605255CornerStoneTheGriffin

Class 3 Rating
Registration No. 0
Climate: North

6/5/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	17701 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	17701 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	17701 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3682 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	4882 Btuh
	TOTAL GAIN	22583 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

Lake City, FL

Project Title:
605255CornerStoneTheGriffin

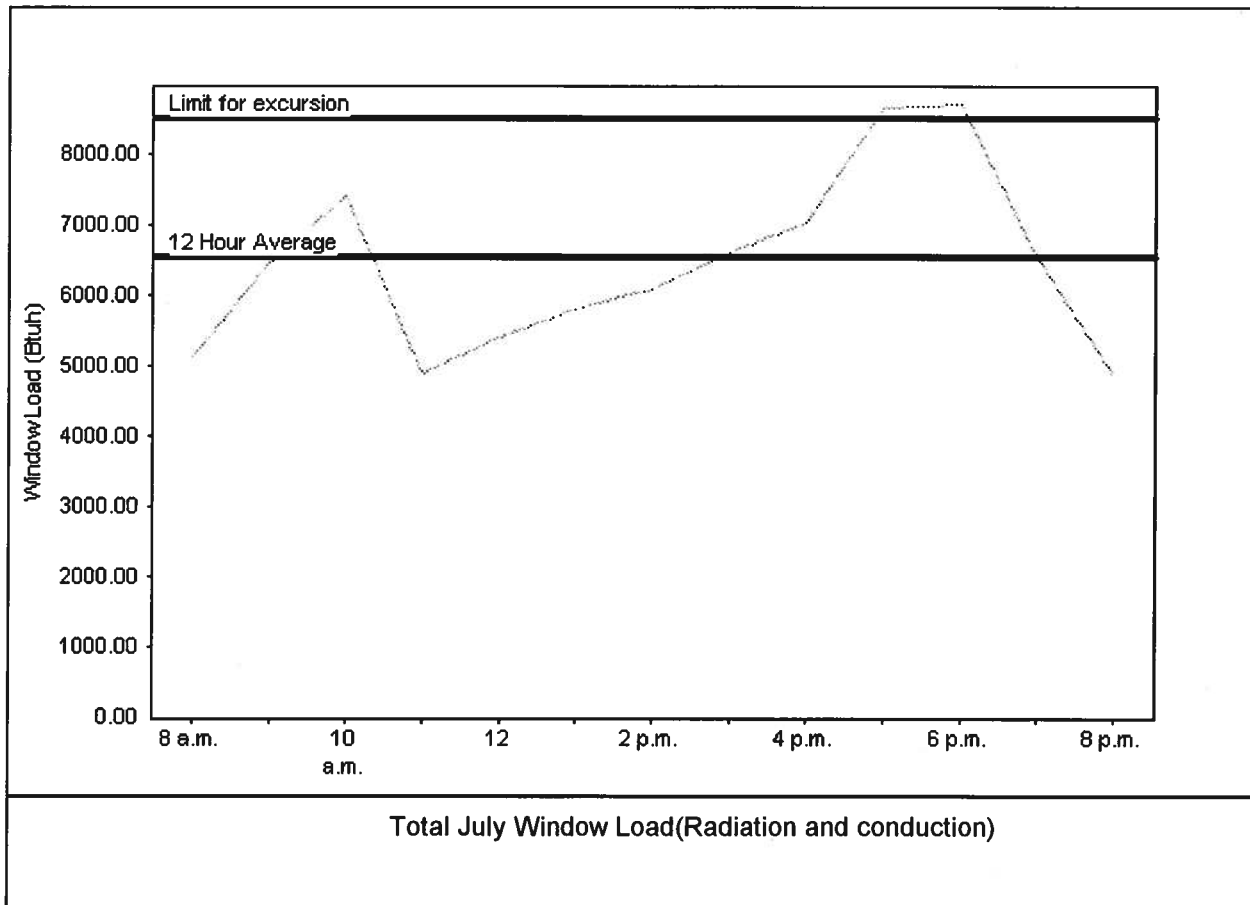
Class 3 Rating
Registration No. 0
Climate: North

6/5/2006

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	6559 Btuh
Summer setpoint	75 F	Peak window load for July	8715 Btuh
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	8527 Btuh
Latitude	29 North	Window excursion (July)	188 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.

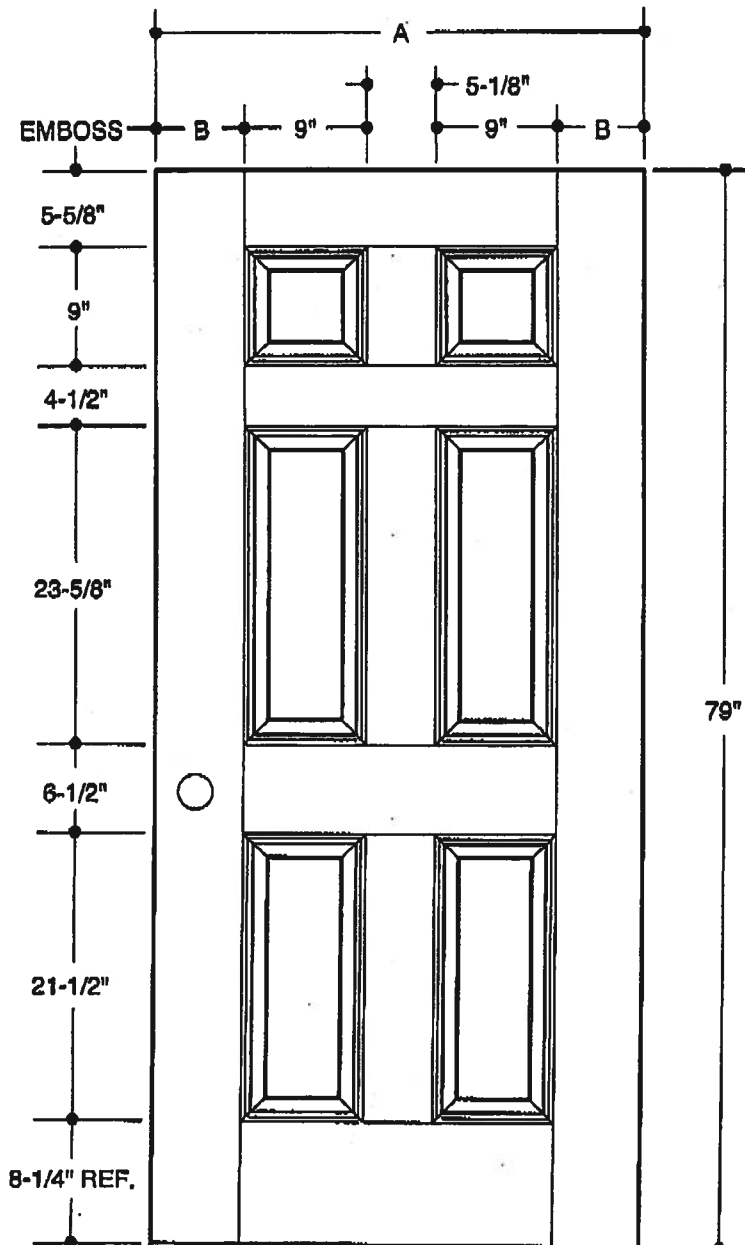
EnergyGauge® System Sizing for Florida residences only

PREPARED BY: *[Signature]*

DATE: *6-5-06*

EnergyGauge® FLR2PB v4.1




Please Note:

1. Available as 20-Minute Fire Rated - Warnock Hersey Labeled.

PART NO.	QTY.	DESCRIPTION
		ARTEK® SMOOTH FIBERGLASS

Our continuing program of product improvement makes specifications, design and product details subject to change without notice.

A	31-3/4"	2'8"
B	4-5/16"	
A	33-3/4"	2'10"
B	5-5/16"	
A	35-3/4"	3'0"
B	6-5/16"	

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			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
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			
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.			

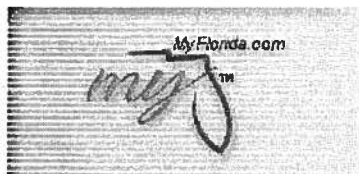
The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product 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.



APPLICANT SIGNATURE

6-28-06
DATE

R-1305 01-04

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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**

Special Qualifications

Effective Date

Bldg Code Core Course Credit

Qualified Business License
Required

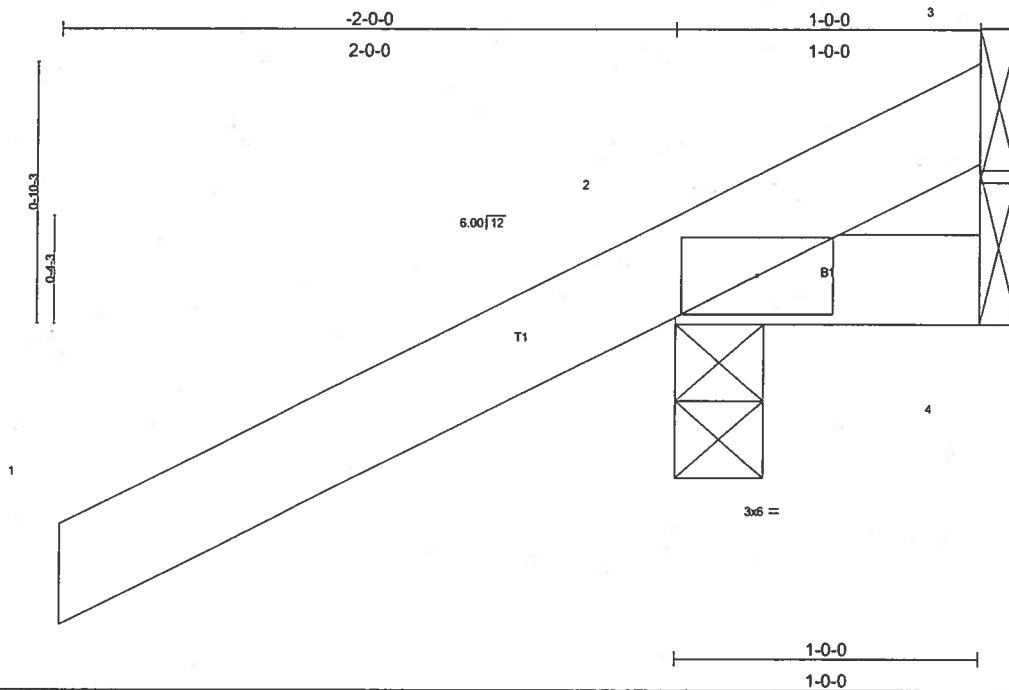
04/13/2004

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Job	Truss	Truss Type	Qty	Ply	CORNERSTONE- LOT 68 EMERALD COVE
L166539	CJ1	JACK	14	1	Job Reference (optional)
Builder FirstSource Lake City, FL 32965 6880 South 68th Ave, Dade County, FL 33143, 305.426.2525					

Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 Mitek Industries, Inc. Wed May 24 12:40:57 2006 Page 1



Scale = 1:7.2

[illegible]

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 1-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=266/0-3-8, 4=14/Mechanical, 3=90/Mechanical
Max Horz 2=87(load case 5)
Max Uplift 2=286(load case 5), 4=9(load case 3), 3=90(load case 1)
Max Grav 2=266(load case 1), 4=14(load case 1), 3=127(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-69/75
BOT CHORD 2-4=0/0

NOTES

- 1) 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; porch left and 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.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 286 lb uplift at joint 2, 9 lb uplift at joint 4 and 90 lb uplift at joint 3.

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	Truss	Truss Type	Qty	Ply	CORNERSTONE - LOT 68 EMERALD COVE
L166539	CJ3	JACK	8	1	
			Job Reference (optional)		

Builders FirstSource, Lake City, FL 32055 6.200 s Jul 13 2005 Mitek Industries, Inc. Wed May 24 12:40:58 2006 Page 1

Scale = 1:11.1

Plate Offsets (X,Y): [2-0-0-0,0-0-0]										
LOADING (psf)		SPACING 2-0-0		CSI		DEFL in (loc) l/defl L/d		PLATES GRIP		
TCLL	20.0	Plates Increase 1.25		BC	0.29	Vert(LL)	-0.00 2-4 >999	240	MT20	244/190
TCDL	7.0	Lumber Increase 1.25		BC	0.06	Vert(TL)	-0.01 2-4 >999	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: 13 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 3-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=31/Mechanical, 2=278/0-3-8, 4=42/Mechanical
Max Horz 2=132(load case 5)
Max Uplift3=28(load case 6), 2=-203(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-57/7
BOT CHORD 2-4=0/0

NOTES

- 1) 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.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3 and 203 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L166539	Truss CJ3T	Truss Type SPECIAL	Qty 2	Ply 1	CORNERSTONE - LOT 68 EMERALD COVE
Builders FirstSource, Lake City, FL 32055					6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 24 12:40:59 2006 Page 1

Job Reference (optional)

Scale = 1:11.1

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.29	Vert(LL) -0.01 6 >999 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.03	Vert(TL) -0.01 6 >999 180		
BCLL 10.0	Rep Stress Incr YES	WB 0.01	Horz(TL) -0.01 5 n/a n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)		Weight: 15 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 3-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 4=63/Mechanical, 2=278/0-3-8, 5=10/Mechanical
Max Horz 2=132(load case 5)
Max Uplift 4=21(load case 6), 2=-203(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-58/2, 3-4=-18/26
BOT CHORD 2-6=-6/0, 5-6=-6/6
WEBS 3-6=0/42

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=20ft; TCFL=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) All bearings are assumed to be SYP No.2
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 4 and 203 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L166539	Truss CJ5	Truss Type JACK	Qty 8	Ply 1	CORNERSTONE- LOT 68 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Wed May 24 12:40:59 2006 Page 1		

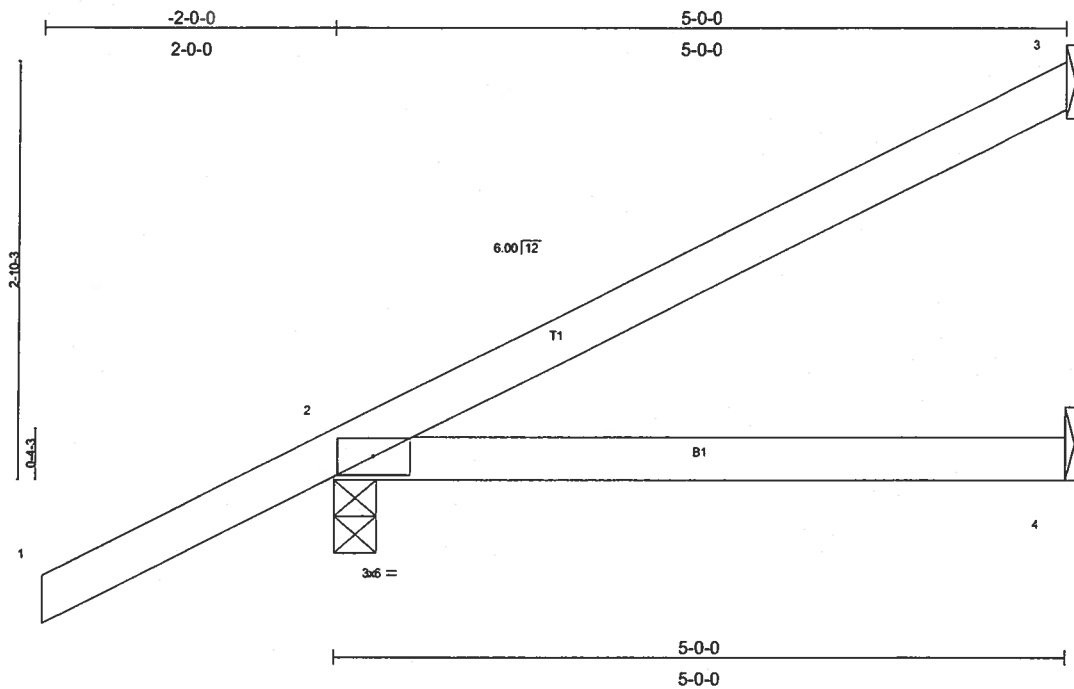


Plate Offsets (X,Y): [2-0-0,0-0-0]

LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.29	Vert(LL)	-0.03	2-4	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.16	Vert(TL)	-0.05	2-4	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TPI2002								
								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.

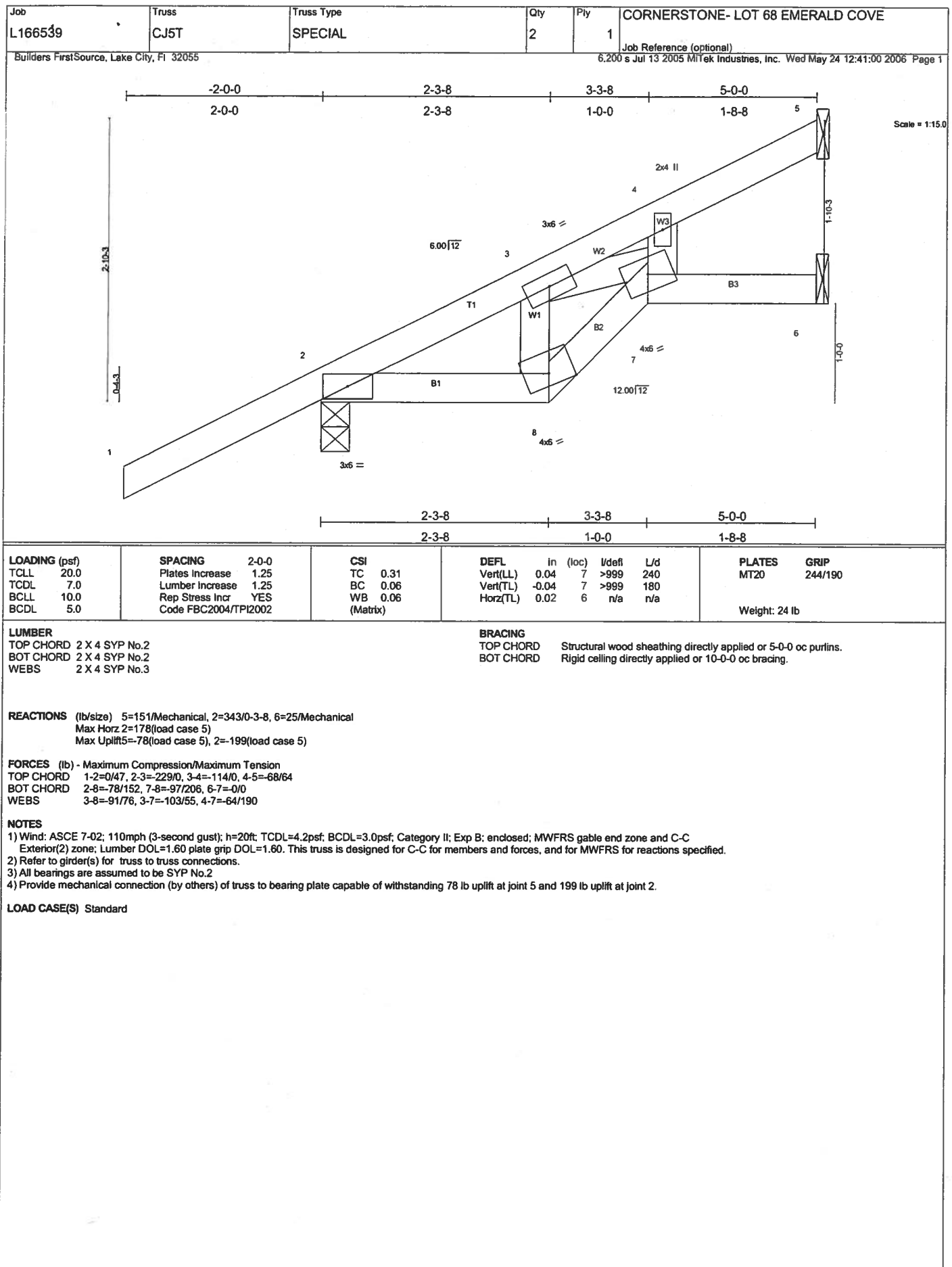
REACTIONS (lb/size) 3=103/Mechanical, 2=343/0-3-8, 4=72/Mechanical
Max Horz 2=178(load case 5)
Max Uplift 3=87(load case 5), 2=199(load case 5)

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; 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) All bearings are assumed to be SYP No.2
- 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 L166539	Truss EJ3	Truss Type JACK	Qty 3	Ply 1	CORNERSTONE- LOT 68 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 24 12:41:01 2006 Page 1		

Scale = 1:11.1

LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.29	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.08	Vert(LL) 0.01 2-4 >999 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Vert(TL) 0.01 2-4 >999 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
Weight: 13 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 3-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=31/Mechanical, 2=278/0-3-8, 4=42/Mechanical
 Max Horz 2=132(load case 5)
 Max Uplift 3=28(load case 6), 2=238(load case 5), 4=27(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-57/7
 BOT CHORD 2-4=0/0

NOTES
 1) 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 and 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.
 2) Refer to girder(s) for truss to truss connections.
 3) All bearings are assumed to be SYP No.2
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 3, 238 lb uplift at joint 2 and 27 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	CORNERSTONE- LOT 68 EMERALD COVE Job Reference (optional)
L166539	EJ7	MONO TRUSS	30	1	

Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 MITek Industries, Inc. Wed May 24 12:41:01 2006 Page 1

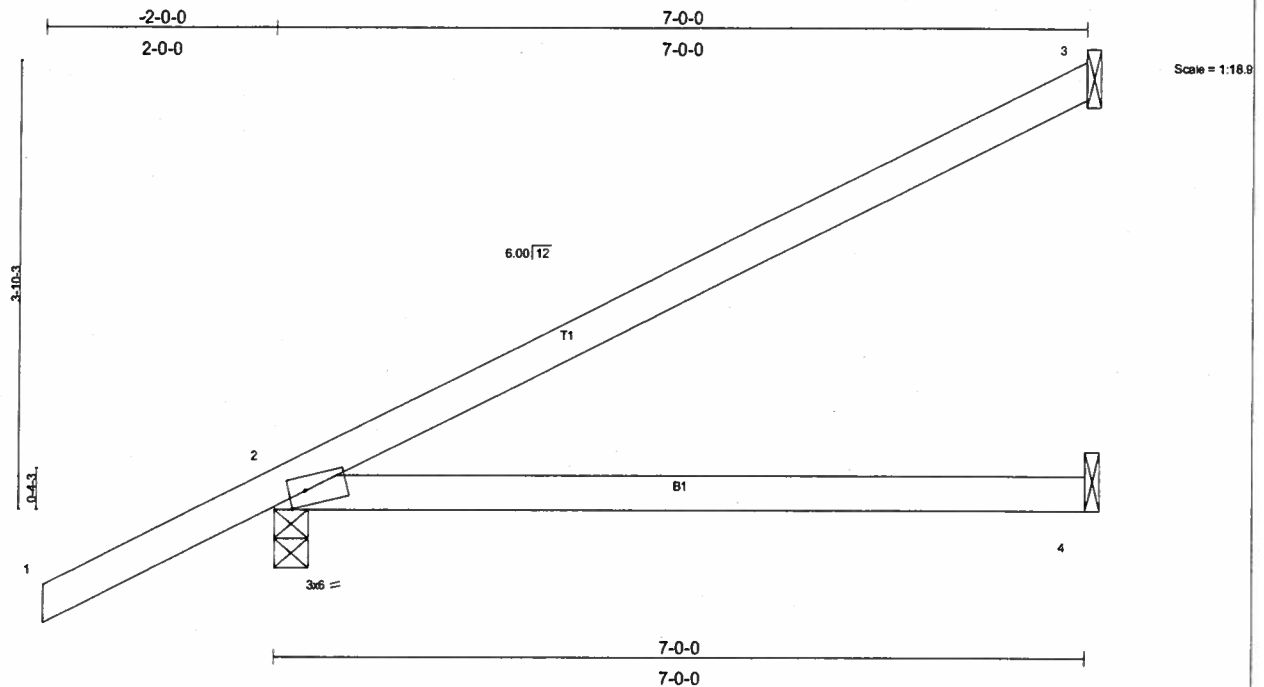


Plate Offsets (X,Y): [2:0-1-12,Edge]

[illegible]

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 Horiz 2=224(load case 5)
Max Uplift 3=-134(load case 5), 2=-210(load case 5)

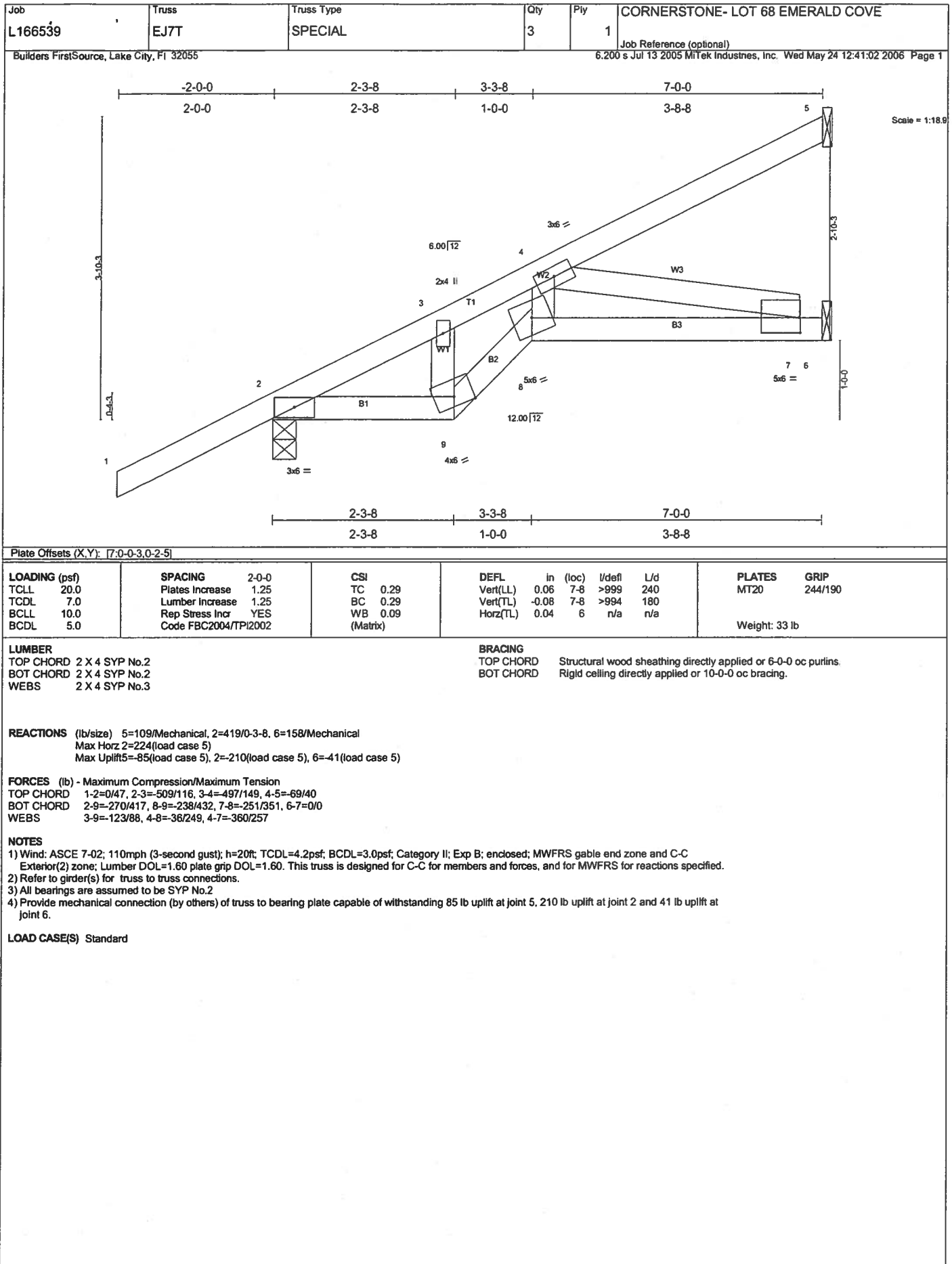
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/47, 2-3=-119/58
BOT CHORD 2-4=0/0

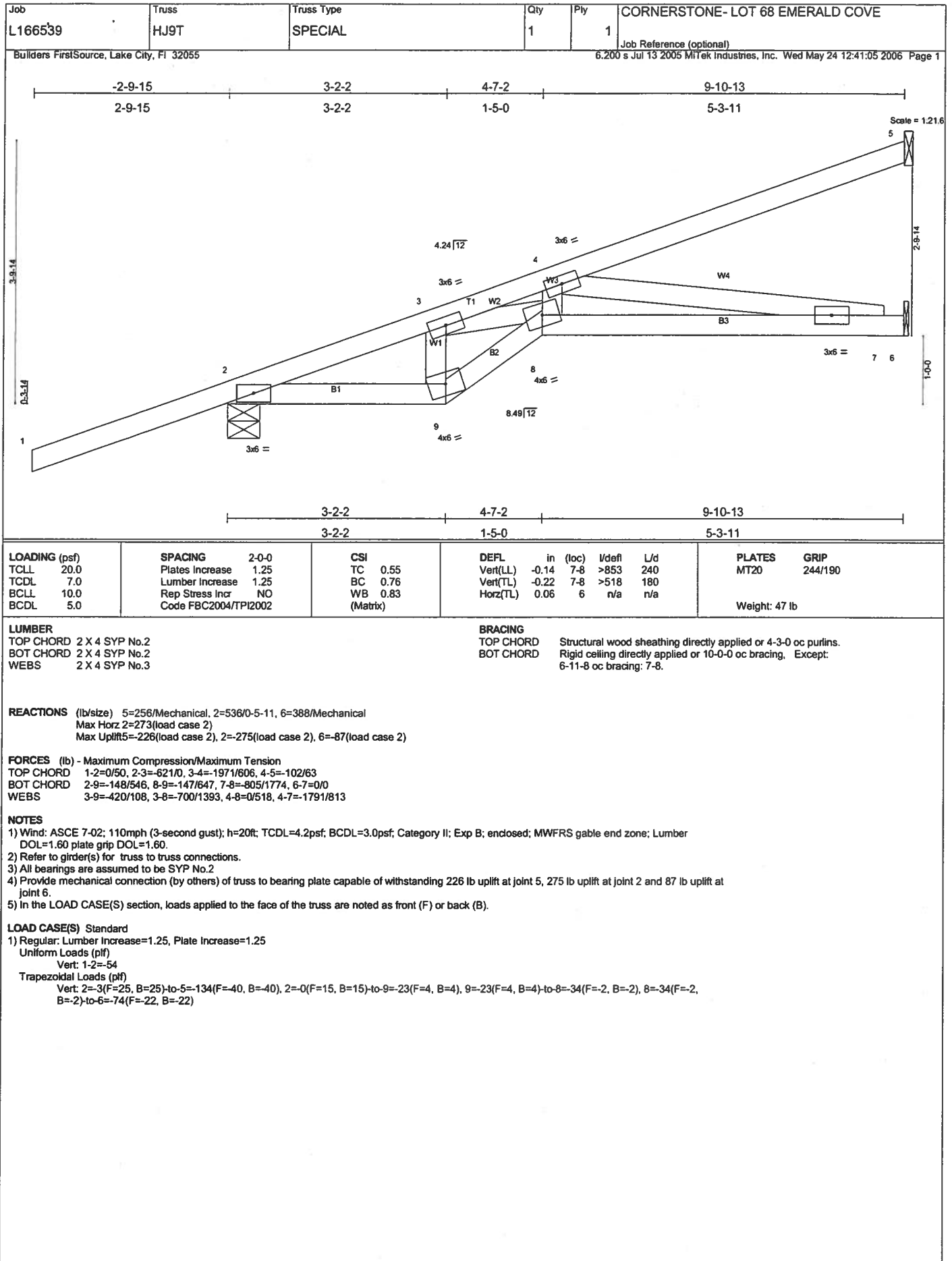
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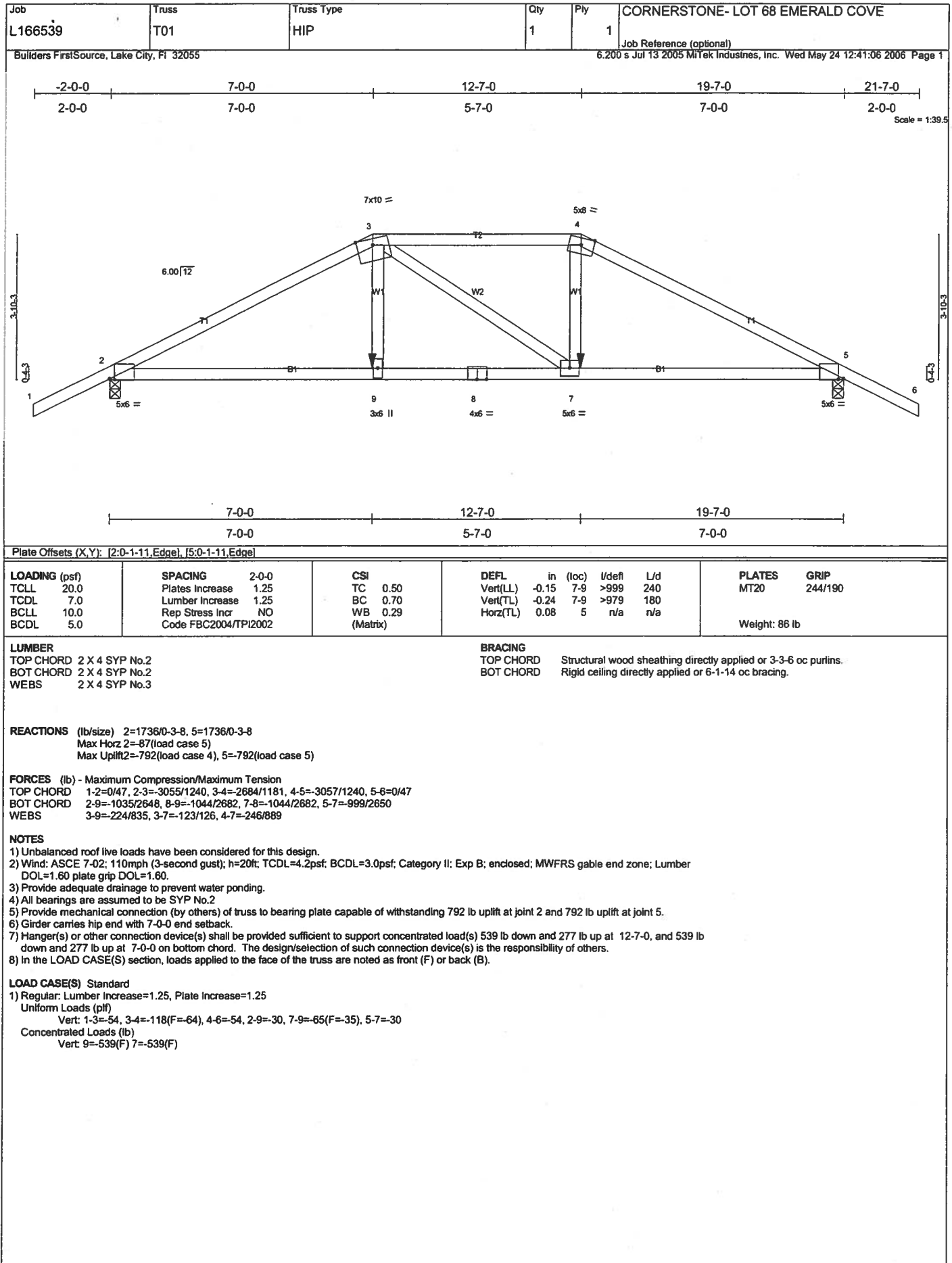
- 1) Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCFL=4.2psf, BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to guide(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2.
- 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.

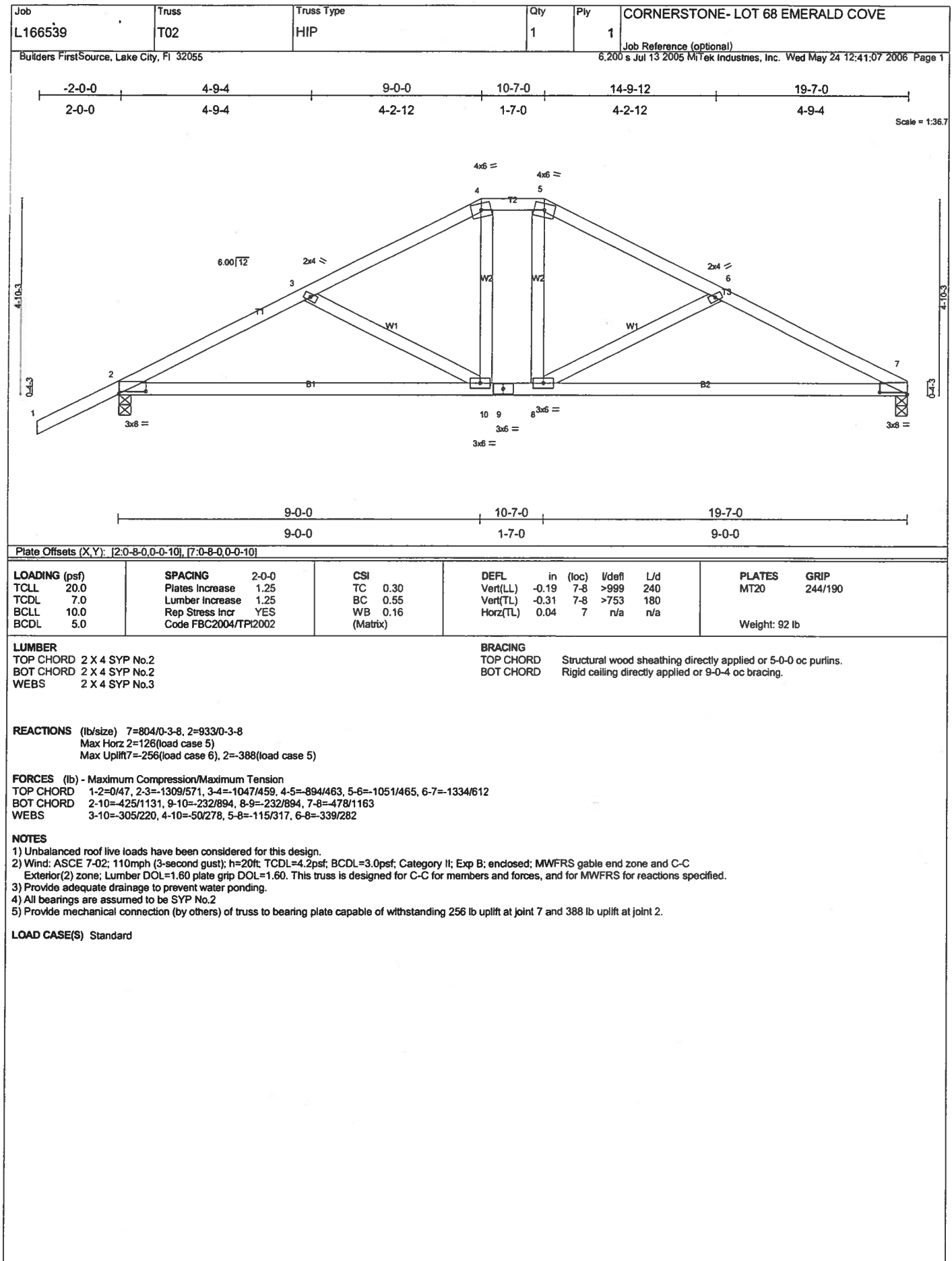
LOAD CASE(S) Standard

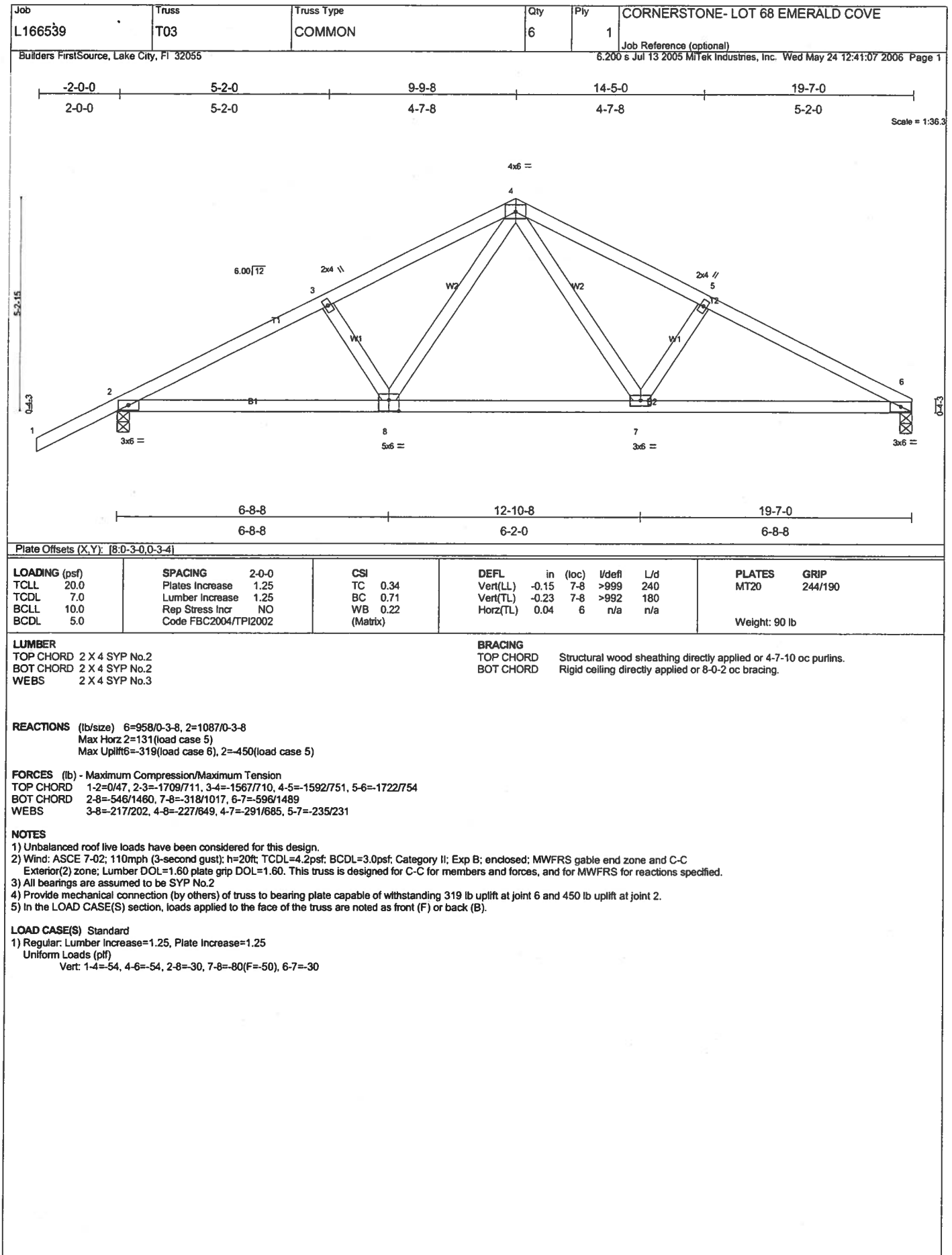
**MAY 25, 2006 TRUSS DESIGN ENGINEER:
THOMAS E. MILLER PE 56877, BYRON K. ANDERSON PE 60987
STRUCTURAL ENGINEERING AND INSPECTIONS, INC. EB 9196
16105 N. FLORIDA AVE. STE B, LUTZ, FL 33549**











Job L166539	Truss T04	Truss Type SPECIAL	Qty 1	Ply 2	CORNERSTONE- LOT 68 EMERALD COVE Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Wed May 24 12:41:08 2006 Page 1		

5-0-0 7-0-0 11-11-8 12-11-8 18-8-12 24-4-4 30-1-8

5-0-0 2-0-0 4-11-8 1-0-0 5-9-4 5-7-8 5-9-4

Scale = 1:52.6

2-8-6 7-0-0 11-11-8 12-11-8 18-8-12 24-4-4 30-1-8

2-8-6 4-3-10 4-11-8 1-0-0 5-9-4 5-7-8 5-9-4

Plate Offsets (X,Y): [2:Edge,0-0-2], [7:0-4-0,0-3-0], [13:0-5-4,Edge], [14:0-7-15,0-2-14], [14:11-1-5,0-6-2]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.92	Vert(LL)	-0.39 14-15	>910	240	MT20	244/190
TCDL 7.0	Lumber Increase	1.25	BC 0.91	Vert(TL)	-0.63 14-15	>567	180		
BCLL 10.0	Rep Stress Incr	NO	WB 0.68	Horz(TL)	0.27 10	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002		(Matrix)						
								Weight: 369 lb	

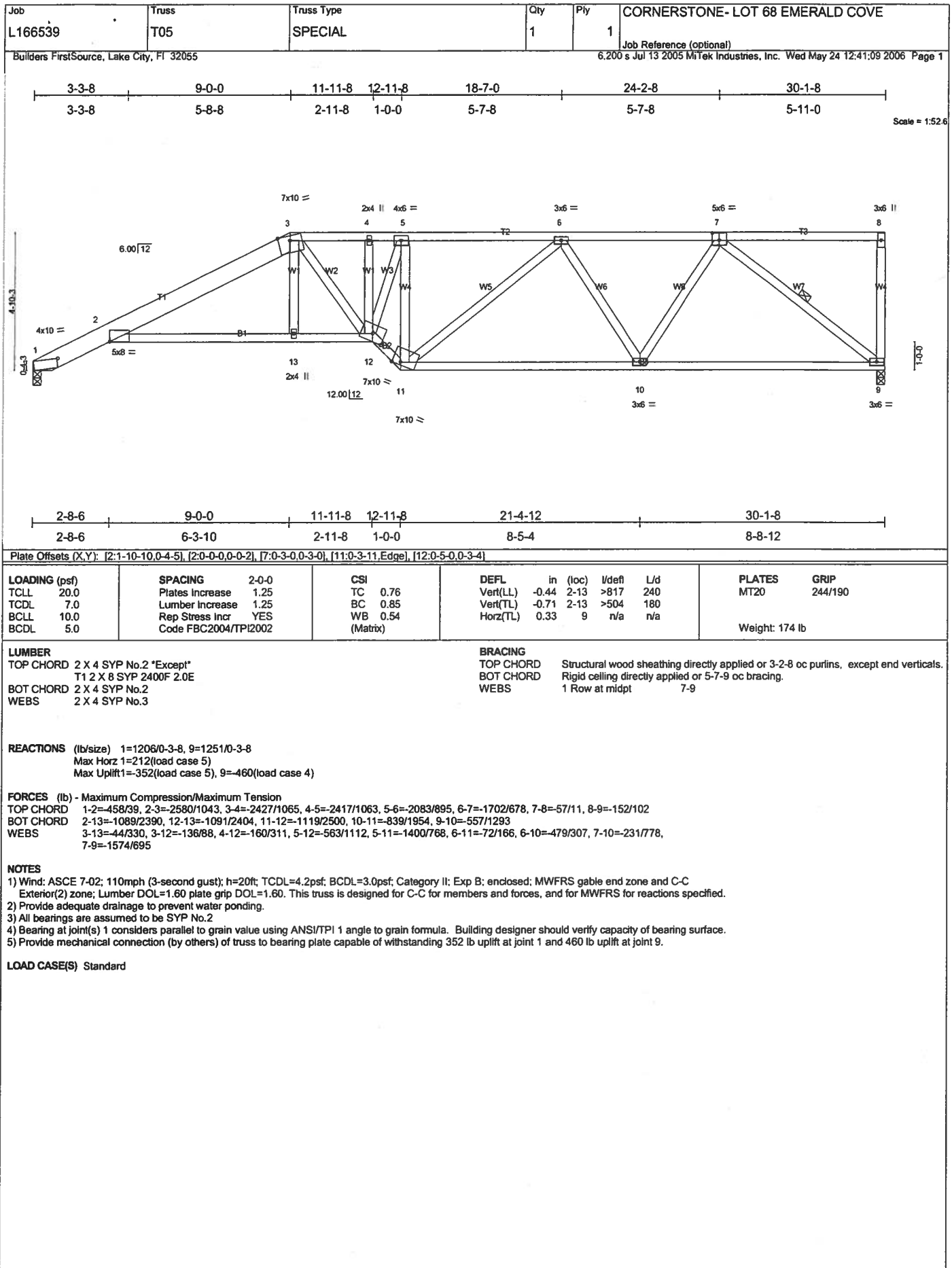
LUMBER TOP CHORD 2 X 4 SYP No.2 "Except" T1 2 X 8 SYP 2400F 2.0E BOT CHORD 2 X 6 SYP No.1D "Except" B1 2 X 4 SYP No.1D WEBS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 4-6-10 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 8-6-6 oc bracing.
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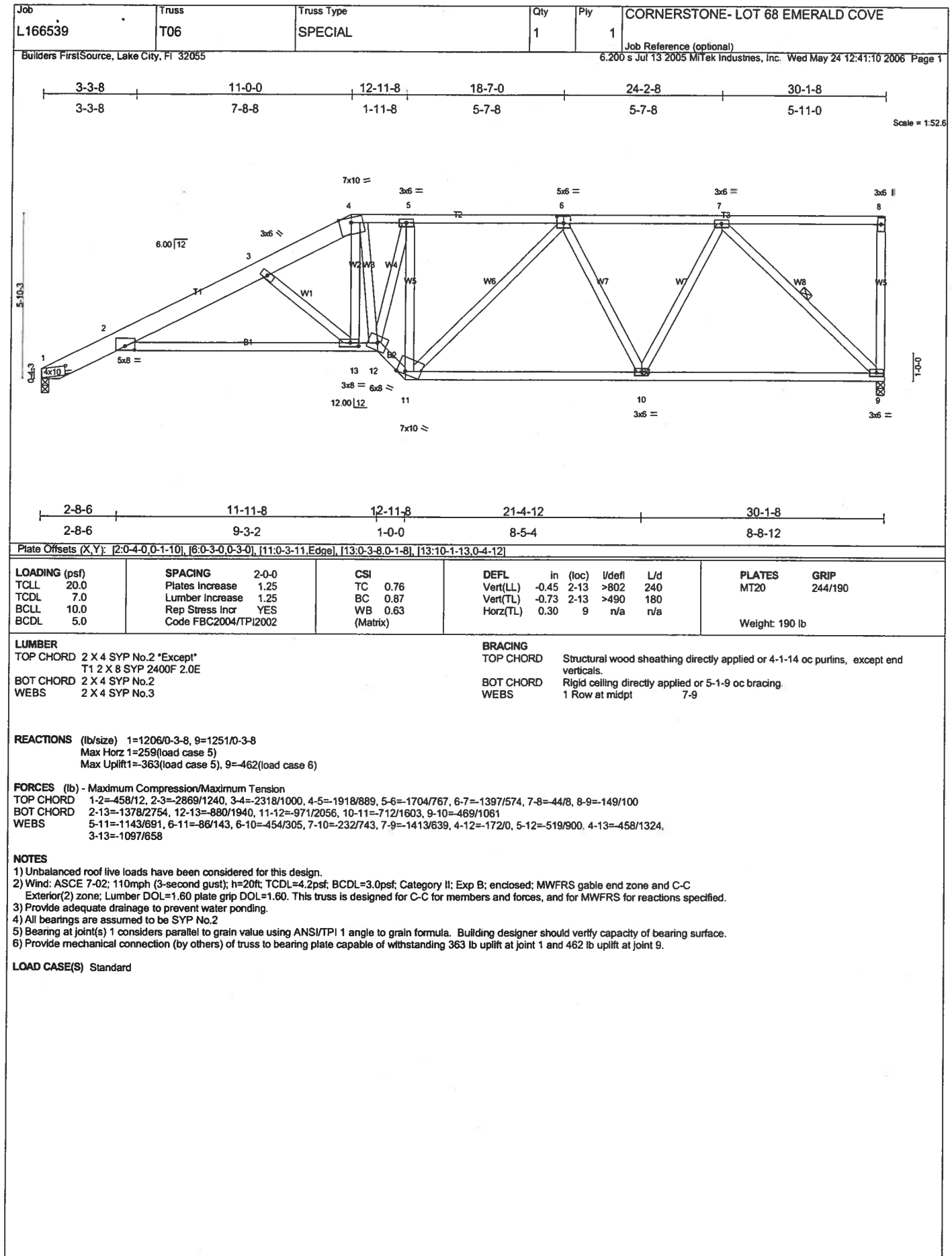
REACTIONS (lb/size) 1=2458/0-3-8, 10=2759/0-3-8
 Max Horz 1=129(load case 4)
 Max Uplift 1=-830(load case 3), 10=-1034(load case 3)

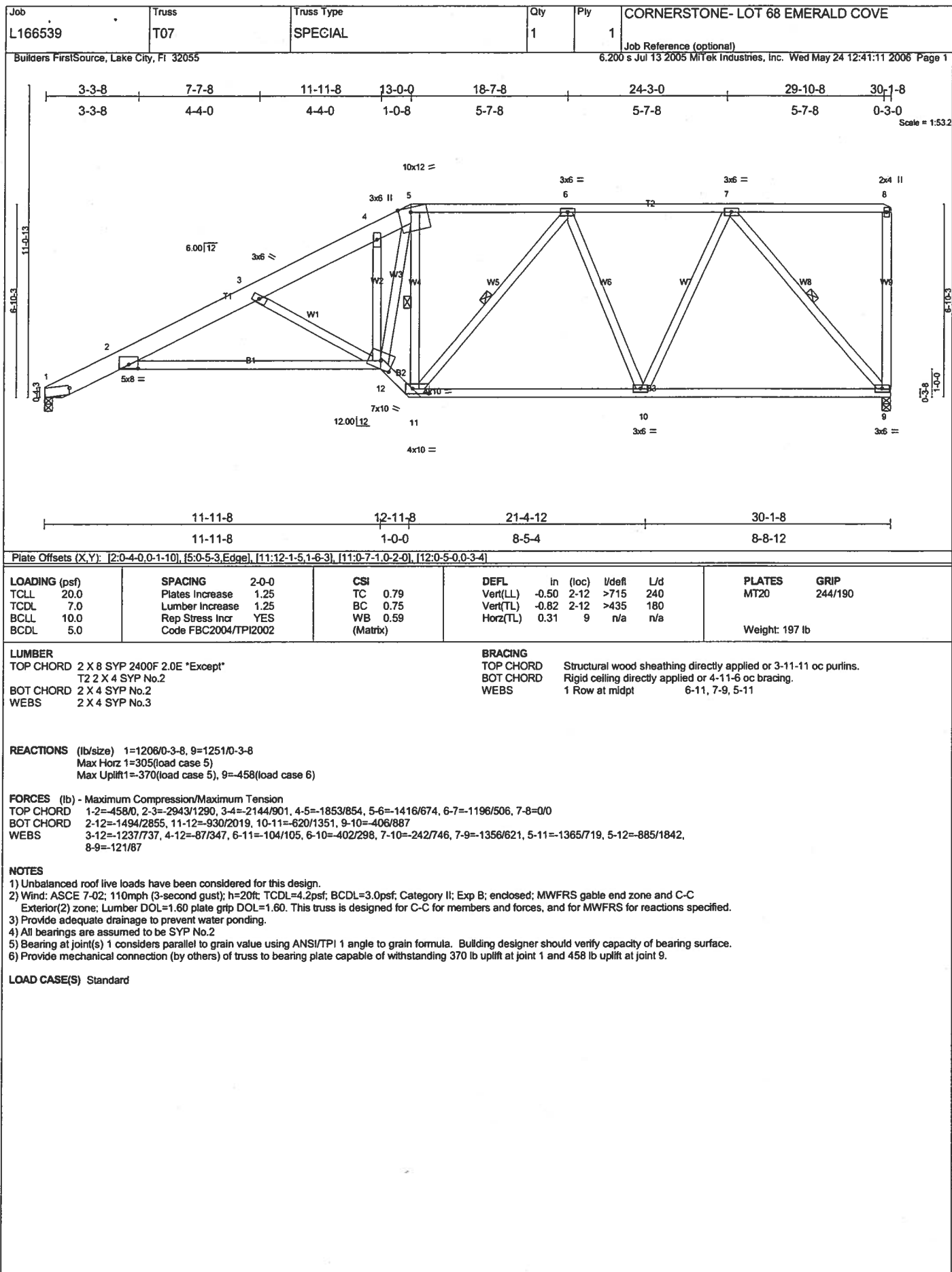
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=-939/286, 2-3=-8036/2842, 3-4=-7009/2525, 4-5=-7749/2859, 5-6=-7742/2861, 6-7=-5792/2152, 7-8=-3733/1395, 8-9=-3733/1395, 9-10=-2547/993
 BOT CHORD 2-15=-2828/7953, 14-15=-2302/6405, 13-14=-2693/7326, 12-13=-2131/5708, 11-12=-2130/5703, 10-11=-57/132
 WEBS 4-15=-623/1881, 4-14=-625/1501, 5-14=-41/176, 6-14=-1463/4039, 6-13=-4185/1593, 7-13=-111/106, 7-12=-83/476, 7-11=-2314/863, 8-11=-663/353, 9-11=-1573/4232, 3-15=-1851/708

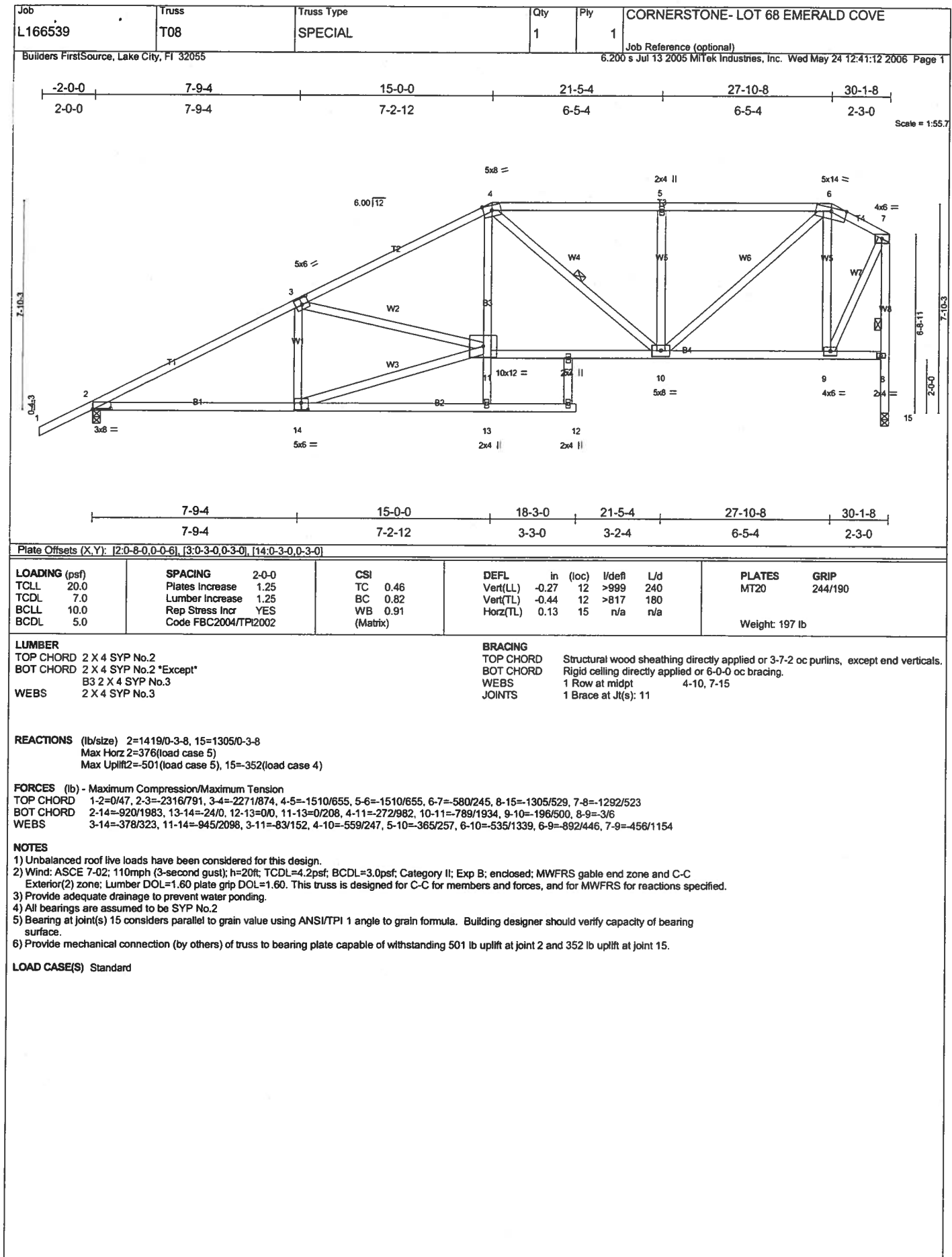
NOTES
 1) 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 8 - 2 rows at 0-9-0 oc, 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row 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 bearings are assumed to be SYP No.2
 6) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 830 lb uplift at joint 1 and 1034 lb uplift at joint 10.
 8) Girder carries tie-in span(s): 3-7-3 from 7-0-0 to 12-11-8; 5-4-1 from 7-0-0 to 12-11-8
 9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 204 lb up at 7-0-0 on bottom chord.
 The design/selection of such connection device(s) is the responsibility of others.

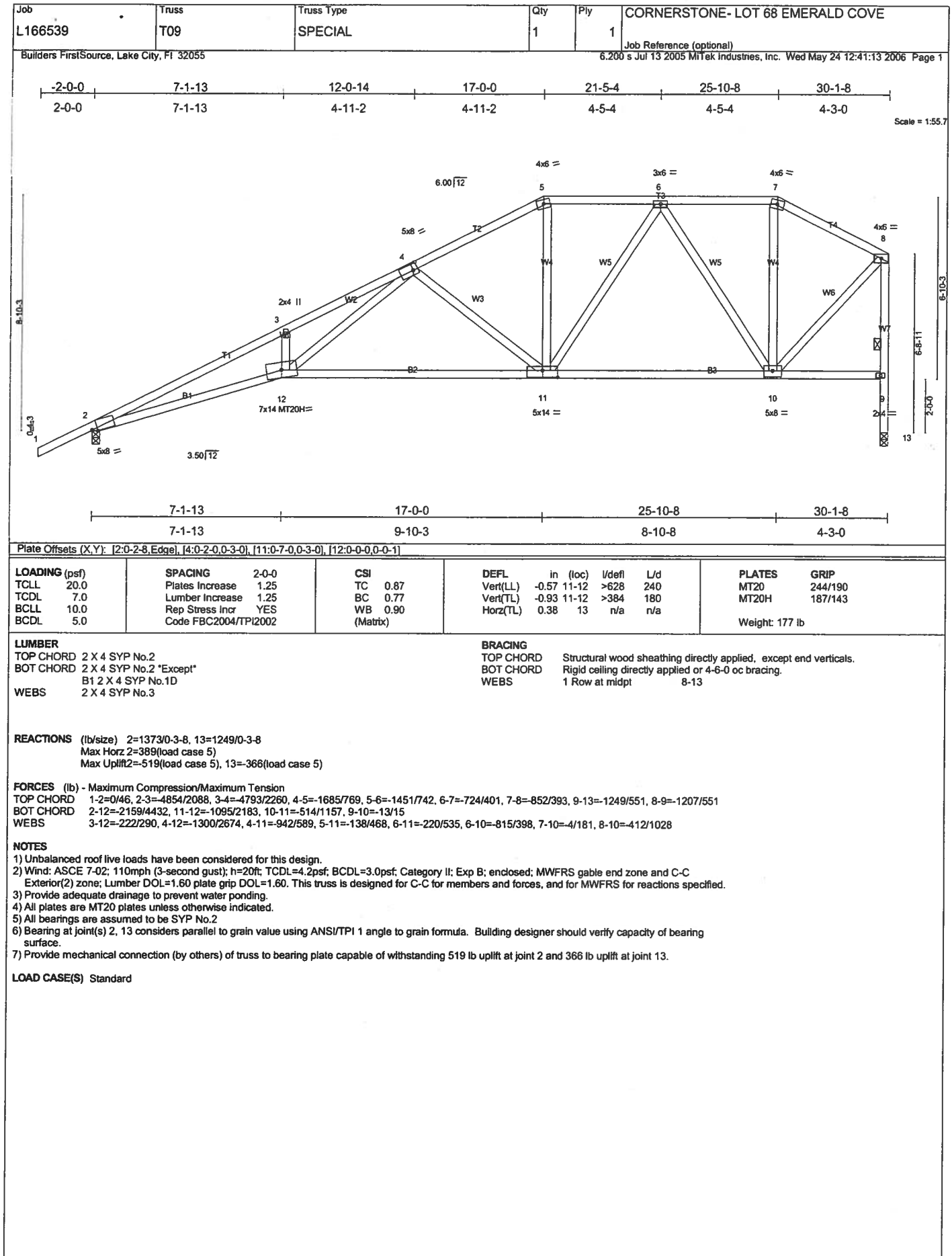
LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-65, 2-4=-54, 4-6=-81(F=-27), 6-9=-118(F=-64), 2-15=-30, 14-15=-94(F=-64), 13-14=-94(F=-64), 10-13=-65(F=-35)
 Concentrated Loads (lb)
 Vert: 15=-539(F)

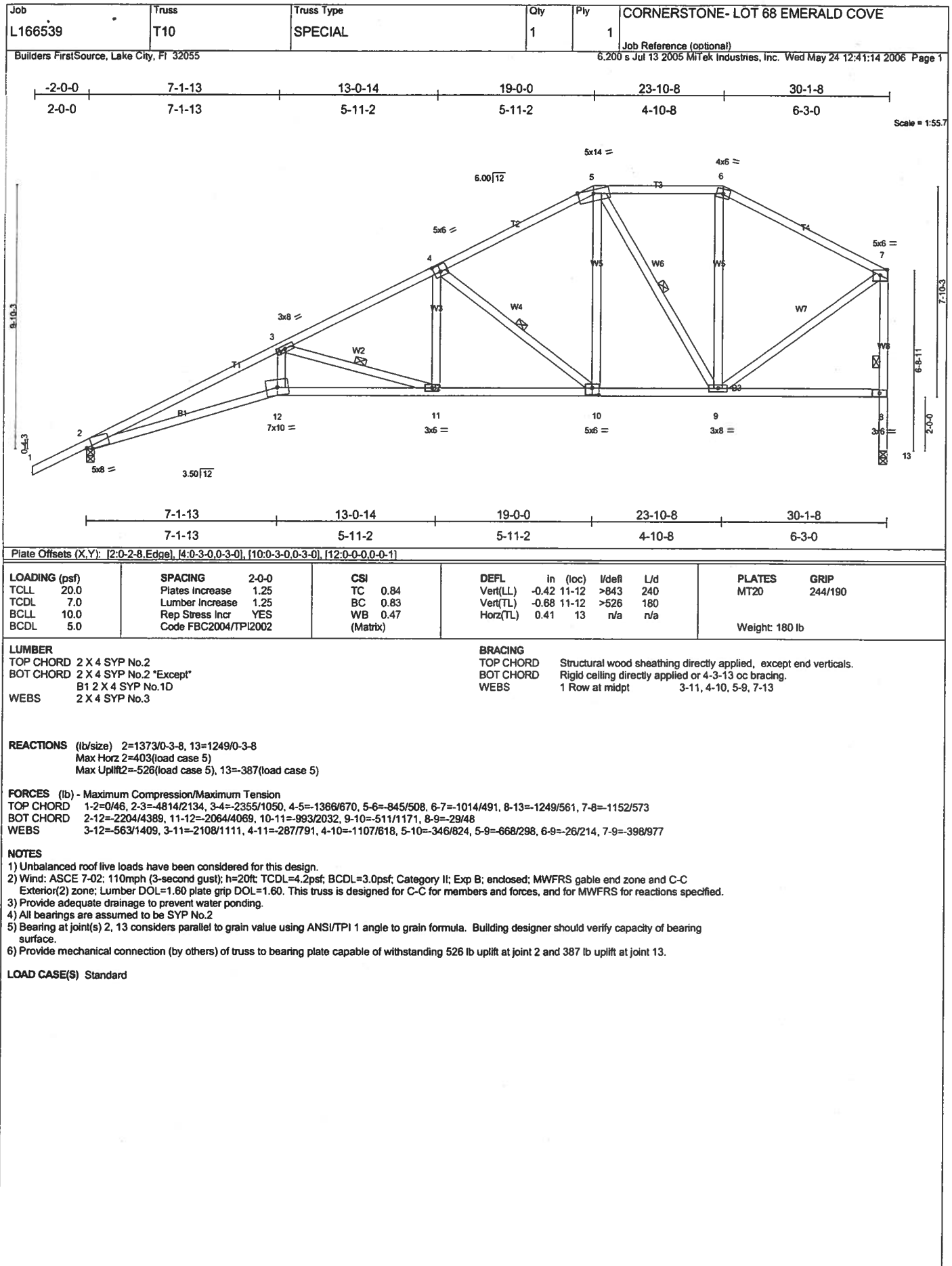


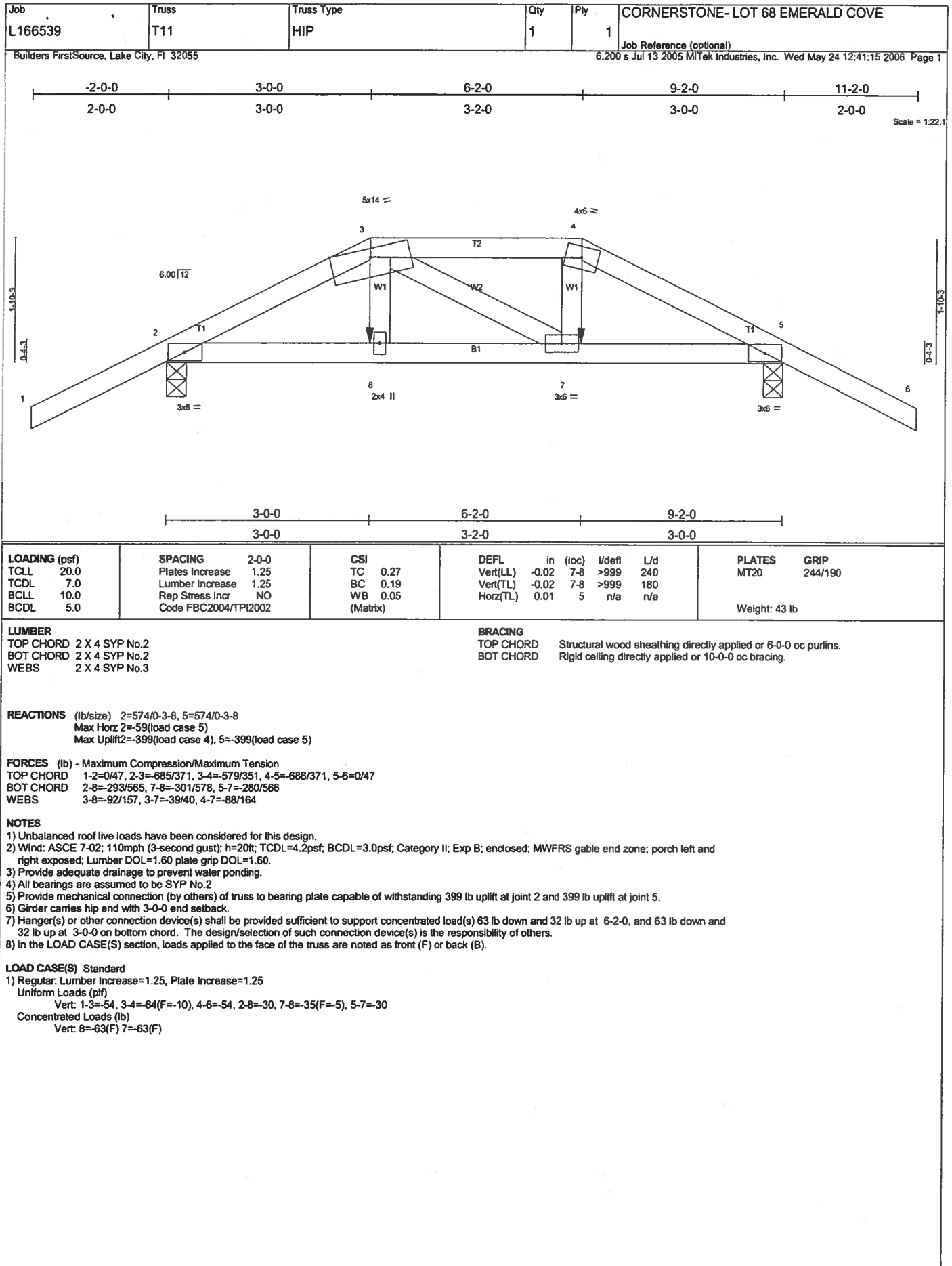


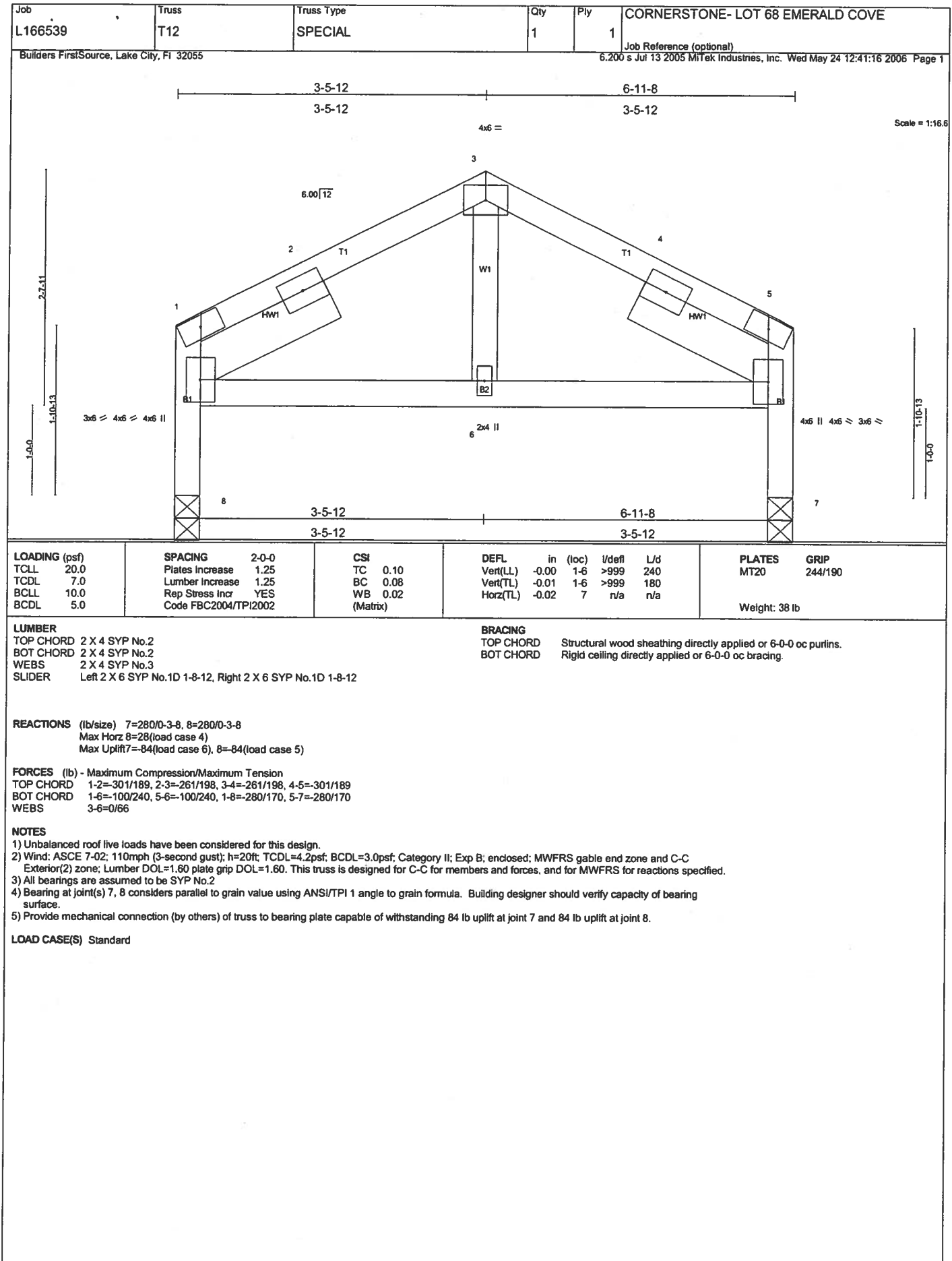












Job L166539	Truss T13	Truss Type HIP	Qty 1	Ply 2	CORNERSTONE- LOT 68 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 24 12:41:17 2006 Page 1		

-2-0-0	7-0-0	14-2-10	21-5-4	28-7-14	35-10-8	42-10-8	44-10-8
2-0-0	7-0-0	7-2-10	7-2-10	7-2-10	7-2-10	7-0-0	2-0-0
Scale = 1:78.5							

7-0-0	16-7-8	26-3-0	35-10-8	42-10-8
7-0-0	9-7-8	9-7-8	9-7-8	7-0-0

Plate Offsets (X,Y): [2:0-2-7,Edge], [5:0-3-0,0-3-0], [8:0-2-7,Edge], [11:0-5-0,0-4-12], [12:0-5-0,0-4-12]									
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP				
TCLL 20.0	2-0-0	TC 0.76	in (loc) l/defl L/d	MT20	244/190				
TCDL 7.0	Plates Increase 1.25	BC 0.74	Vert(LL) -0.64 11-12 >803 240						
BCLL 10.0	Lumber Increase 1.25	WB 0.57	Vert(TL) -1.02 11-12 >500 180						
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.20 8 n/a n/a						
	Code FBC2004/TPI2002			Weight: 468 lb					

LUMBER TOP CHORD 2 X 4 SYP No.2 "Except" T2 2 X 4 SYP No.1D, T2 2 X 4 SYP No.1D BOT CHORD 2 X 6 SYP No.1D WEBS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 3-7-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 7-9-10 oc bracing. WEBS 1 Row at midpt 4-13, 6-10
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REACTIONS (lb/size) 2=3866/0-3-8, 8=3866/0-3-8
 Max Horz 2=-89(load case 5)
 Max Uplift 2=-1600(load case 4), 8=-1600(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/51, 2-3=-7874/3368, 3-4=-7089/3103, 4-5=-11743/5107, 5-6=-11743/5107, 6-7=-7089/3103, 7-8=-7874/3368, 8-9=0/51
 BOT CHORD 2-13=-2975/6967, 12-13=-4889/11009, 11-12=-5478/12324, 10-11=-4850/11009, 8-10=-2938/6967
 WEBS 3-13=-1108/2914, 4-13=-4450/2152, 4-12=-266/1309, 5-12=-743/591, 5-11=-743/591, 6-11=-266/1309, 6-10=-4450/2152, 7-10=-1108/2914

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 6 - 2 rows 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) Unbalanced roof live loads have been considered for this design.
 4) 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.
 5) Provide adequate drainage to prevent water ponding.
 6) All bearings are assumed to be SYP No.2
 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1600 lb uplift at joint 2 and 1600 lb uplift at joint 8.
 8) Girder carries hip end with 7-0-0 end setback.
 9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 277 lb up at 35-10-8, and 539 lb down and 277 lb up at 7-0-0 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: 1-3=-54, 3-7=-118(F=-64), 7-9=-54, 2-13=-30, 10-13=-65(F=-35), 8-10=-30
 Concentrated Loads (lb)
 Vert: 13=-539(F) 10=-539(F)

Job L166539	Truss T14	Truss Type HIP	Qty 1	Ply 1	CORNERSTONE- LOT 68 EMERALD COVE
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Wed May 24 12:41:17 2006 Page 1		

-2-0-0	4-9-4	9-0-0	15-2-10	21-5-4	27-7-14	33-10-8	38-1-4	42-10-8
2-0-0	4-9-4	4-2-12	6-2-10	6-2-10	6-2-10	6-2-10	4-2-12	4-9-4

Scale = 1:76.8

9-0-0	17-3-8	25-7-0	33-10-8	42-10-8
9-0-0	8-3-8	8-3-8	8-3-8	9-0-0

Plate Offsets (X,Y): [2:0-1-11,Edge], [6:0-3-0,0-3-0], [10:0-1-11,Edge], [12:0-4-0,0-3-0], [13:0-4-0,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.42	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.92	Vert(LL) -0.53 12-13 >956 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.40	Vert(TL) -0.86 12-13 >591 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.25 10 n/a n/a		
	Code FBC2004/TPI2002				

Weight: 215 lb

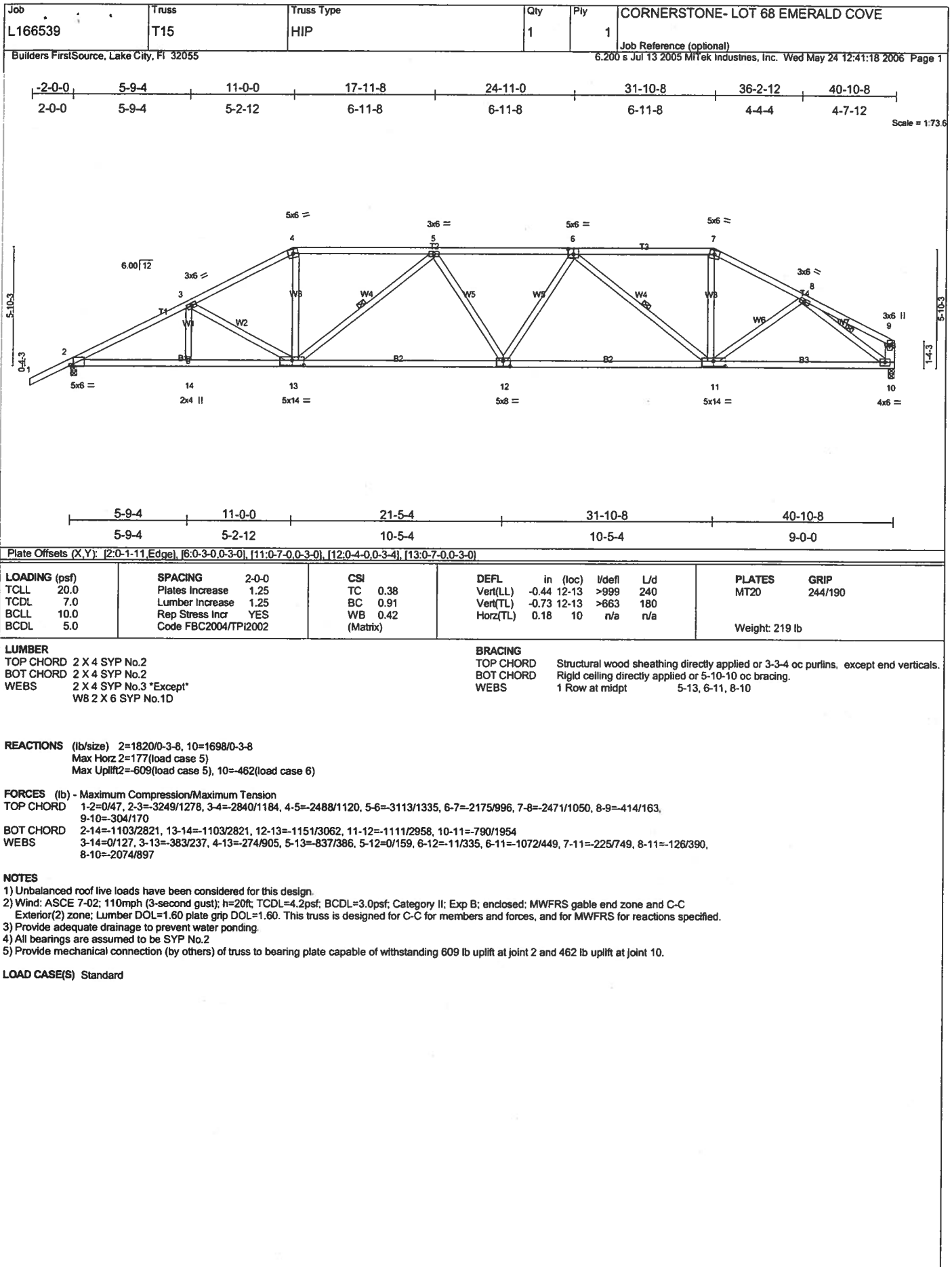
LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.2 WEBS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 2-11-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing. WEBS 1 Row at midpt 5-14, 7-11
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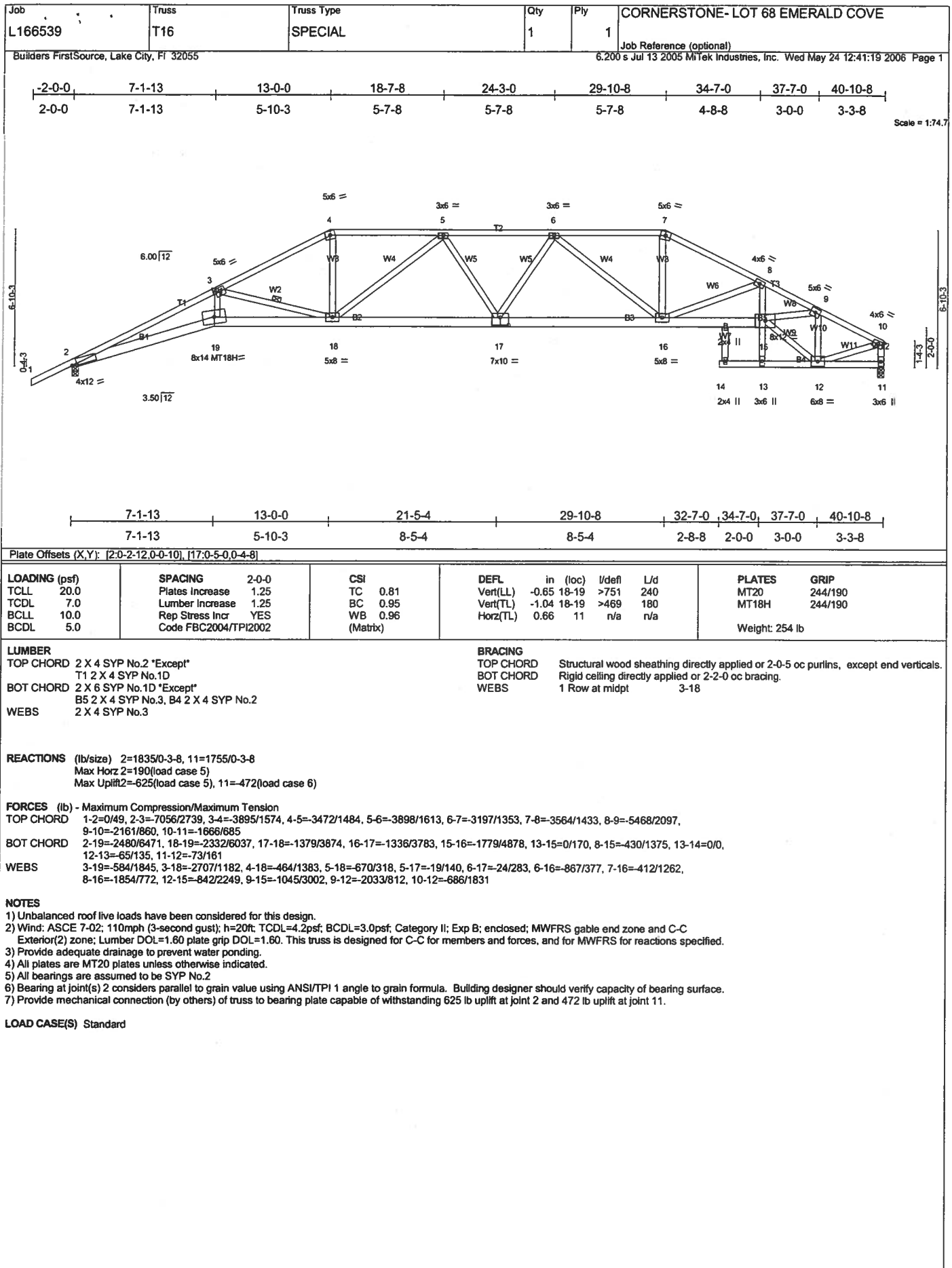
REACTIONS (lb/size) 10=1788/0-3-8, 2=1907/0-3-8
 Max Horz 2=126(load case 5)
 Max Uplift 10=-498(load case 3), 2=-609(load case 5)

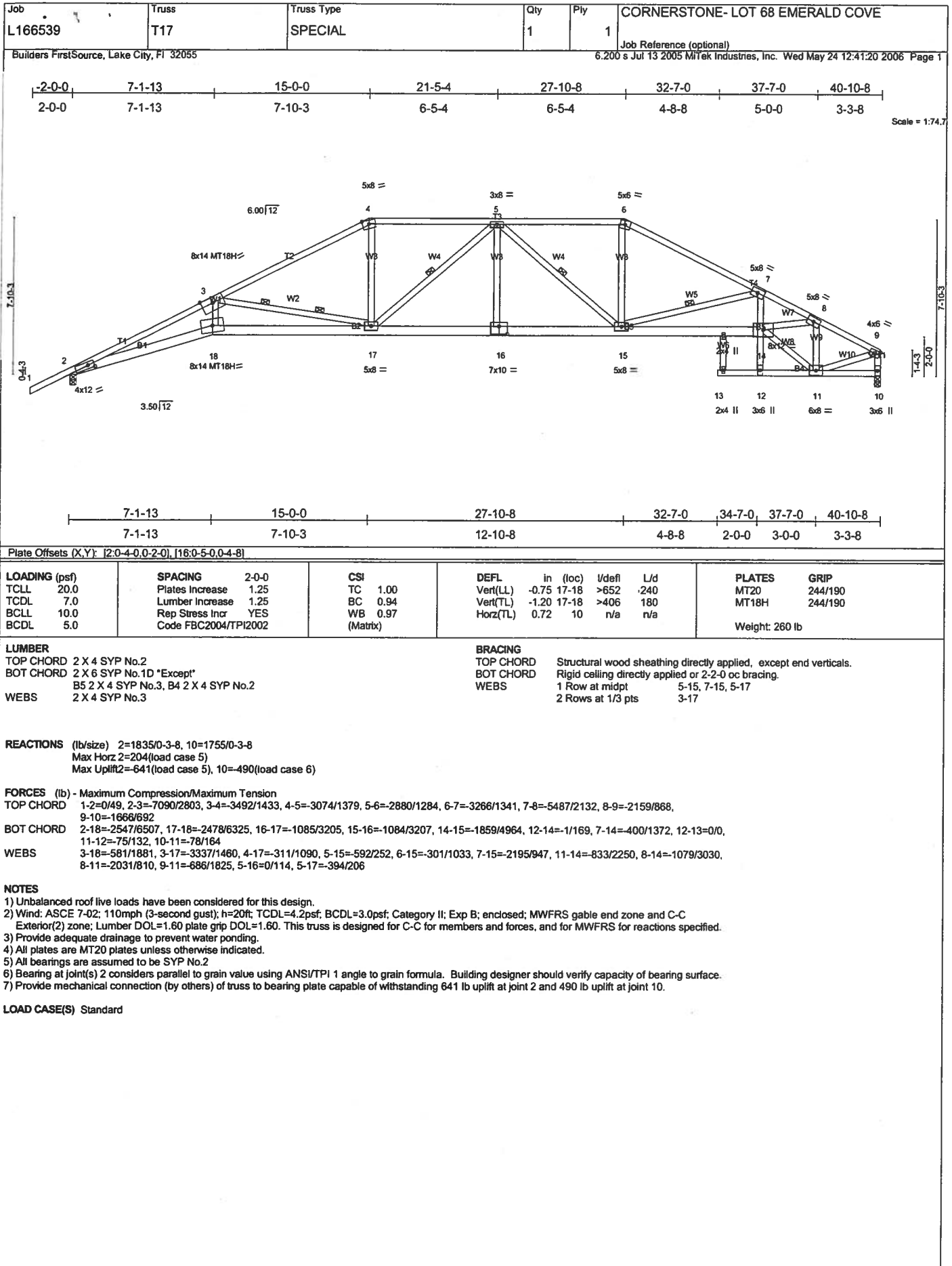
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-3385/1371, 3-4=-3180/1282, 4-5=-2838/1213, 5-6=-4022/1674, 6-7=-4027/1681, 7-8=-2856/1242, 8-9=-3202/1318, 9-10=-3424/1435
 BOT CHORD 2-14=-1132/2963, 13-14=-1406/3835, 12-13=-1556/4176, 11-12=-1420/3843, 10-11=-1204/3007
 WEBS 3-14=-183/185, 4-14=-341/1099, 5-14=-1314/547, 5-13=-94/488, 6-13=-274/180, 6-12=-270/177, 7-12=-90/483, 7-11=-1307/542, 8-11=-366/1115, 9-11=-213/230

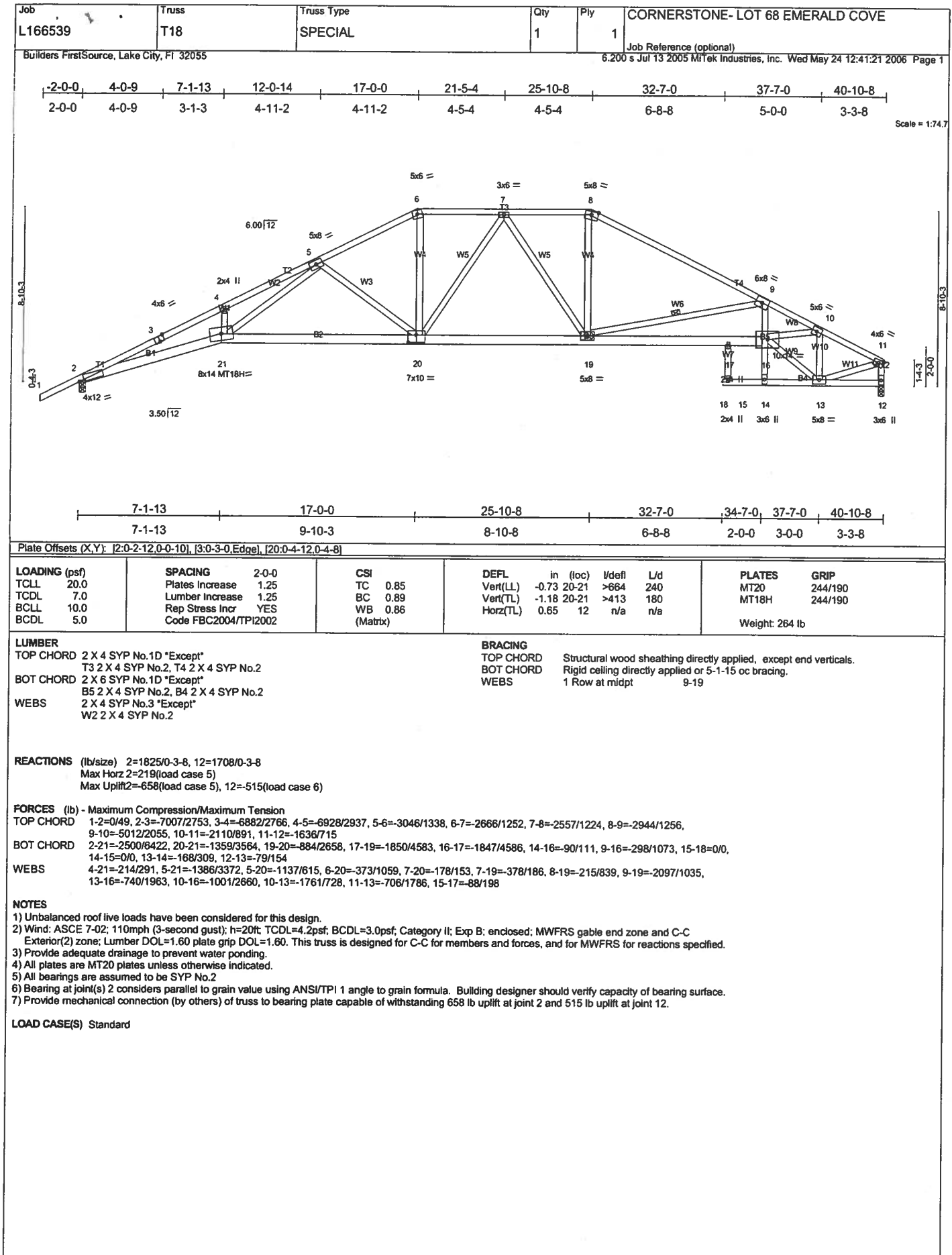
NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02: 110mph (3-second gust); h=20ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 3) Provide adequate drainage to prevent water ponding.
 4) All bearings are assumed to be SYP No.2
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 498 lb uplift at joint 10 and 609 lb uplift at joint 2.

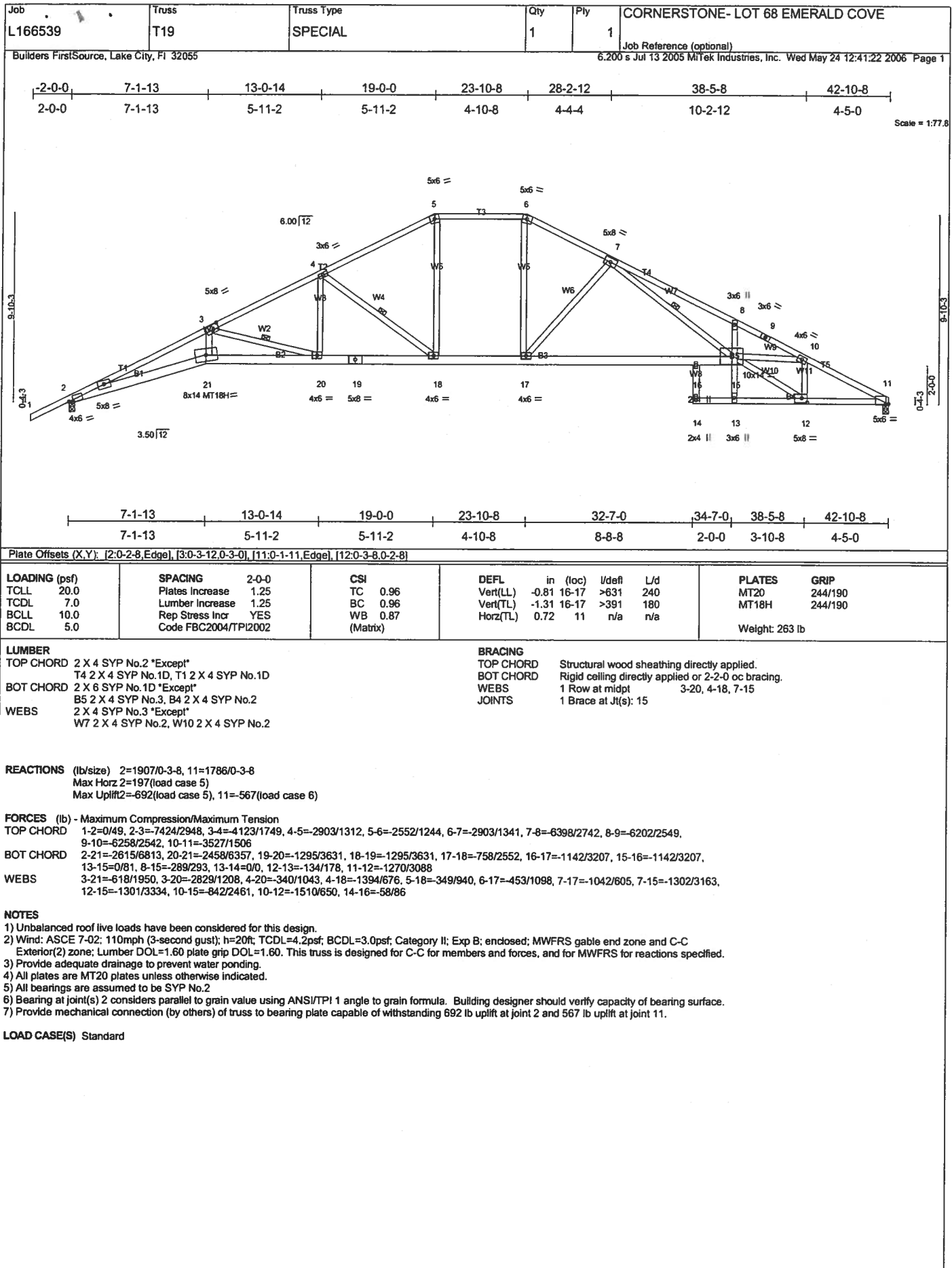
LOAD CASE(S) Standard











Job L166539	Truss T20	Truss Type SPECIAL	Qty 2	Ply 1	CORNERSTONE- LOT 68 EMERALD COVE Job Reference (optional)
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6.200 s Jul 13 2005 MiTek Industries, Inc. Wed May 24 12:41:23 2006 Page 1

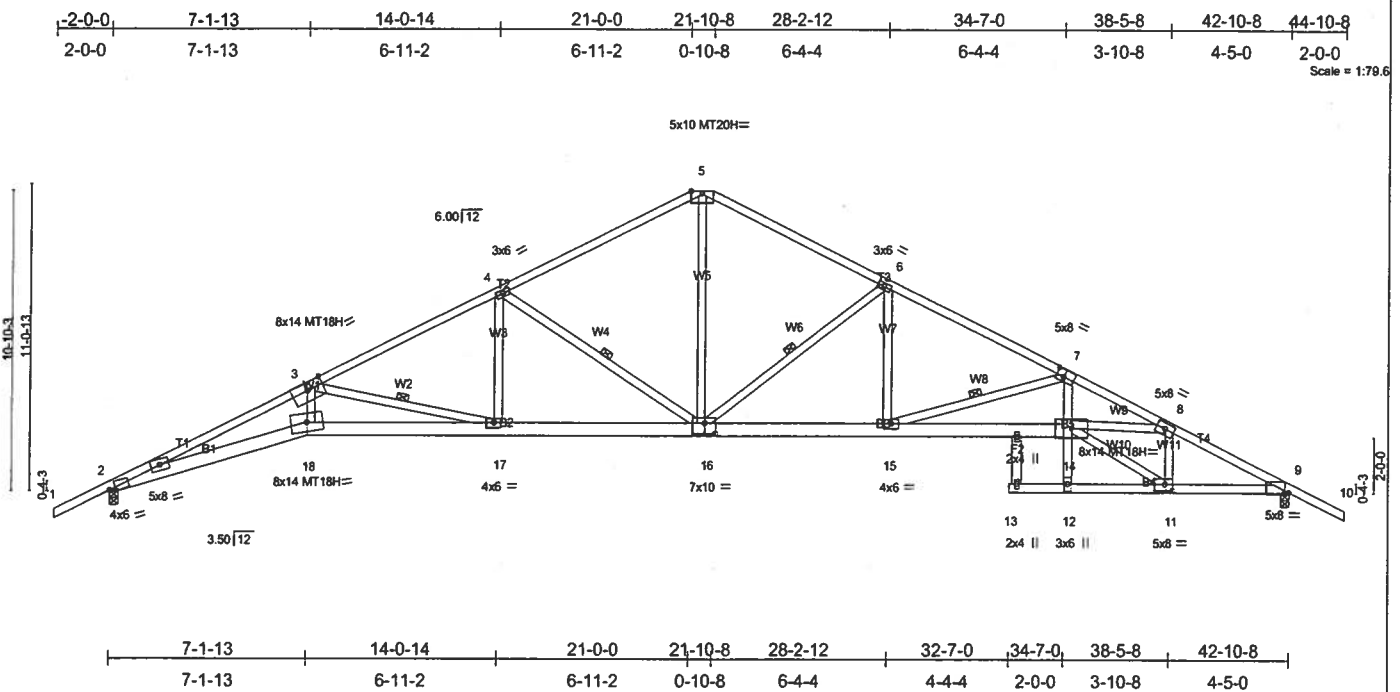


Plate Offsets (X,Y): [2:0-2-8,Edge], [7:0-3-8,0-3-0], [9:0-1-11,Edge], [11:0-3-8,0-2-8], [16:0-4-12,0-4-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.81	Vert(LL) -0.82 13 >624 240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.98	Vert(TL) -1.32 13 >388 180	MT20H	187/143
BCLL 10.0	Rep Stress Incr YES	WB 0.96	Horz(TL) 0.81 9 n/a n/a	MT18H	244/190
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)		Weight: 270 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2 *Except*
T1 2 X 4 SYP No.1D
BOT CHORD 2 X 6 SYP No.1D *Except*
B5 2 X 4 SYP No.2, B4 2 X 4 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
W10 2 X 4 SYP No.2, W9 2 X 4 SYP No.2

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 1-11-12 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 3-17, 4-16, 6-16, 7-15

REACTIONS (lb/size) 2=1918/0-3-8, 9=1955/0-3-8
Max Horz 2=189(load case 5)
Max Uplift2=-702(load case 5), 9=-695(load case 6)

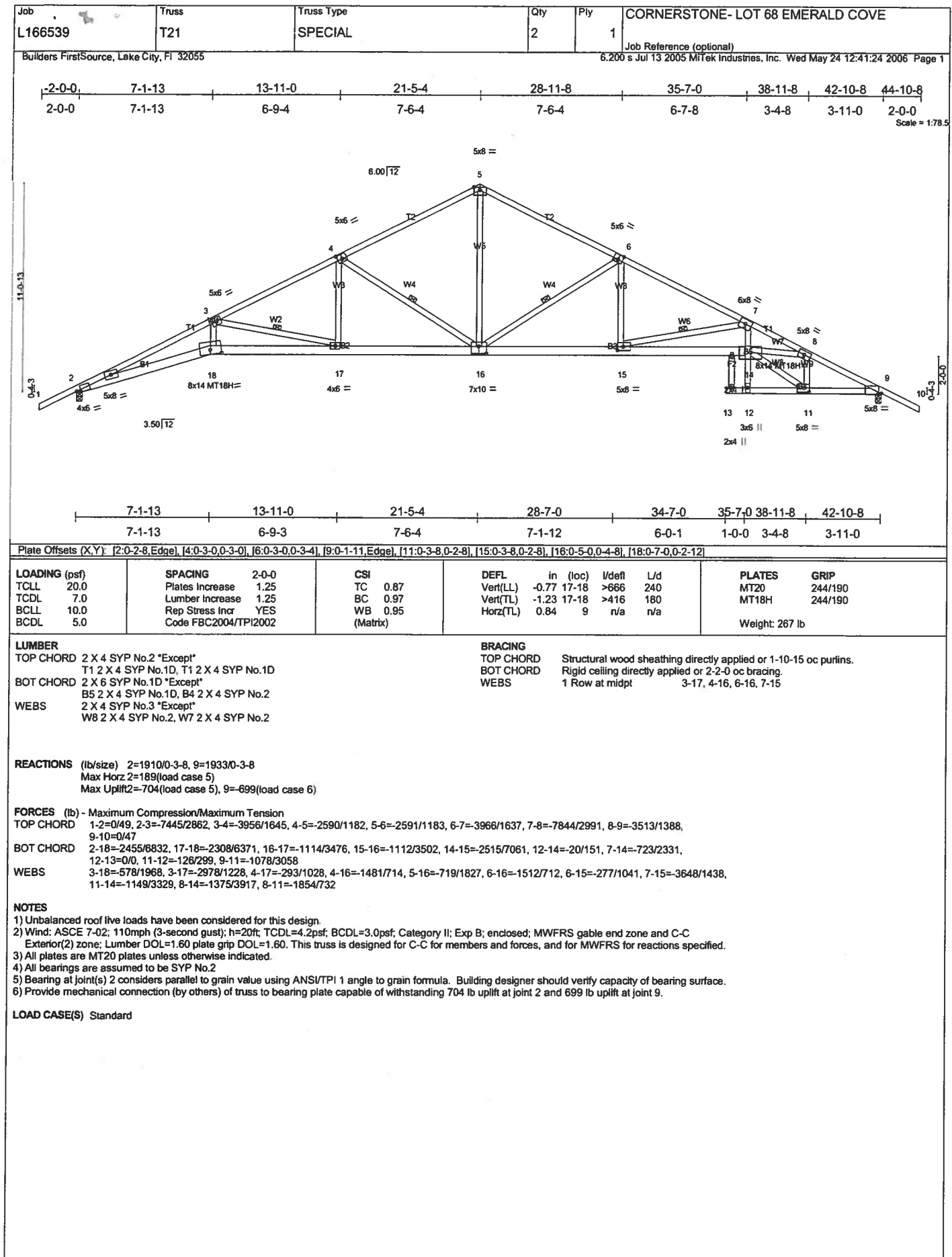
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/49, 2-3=7480/2868, 3-4=3953/1626, 4-5=2589/1172, 5-6=2614/1190, 6-7=3826/1565, 7-8=7277/2704, 8-9=3565/1392, 9-10=0/47
BOT CHORD 2-18=2463/6866, 17-18=2387/6645, 16-17=1098/3470, 15-16=1022/3362, 14-15=2192/6435, 12-14=2/174, 7-14=673/2298, 12-13=0/0, 11-12=95/203, 9-11=1079/3105
WEBS 3-18=571/1961, 3-17=3248/1319, 4-17=284/1025, 4-16=1483/714, 6-16=1399/647, 6-15=285/1043, 7-15=3225/1227, 11-14=1159/3418, 8-14=1095/3358, 8-11=1759/689, 5-16=741/1888

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) All plates are MT20 plates unless otherwise indicated.
- 4) All bearings are assumed to be SYP No.2
- 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 702 lb uplift at joint 2 and 695 lb uplift at joint 9.

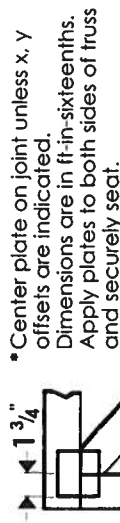
LOAD CASE(S) Standard

**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**

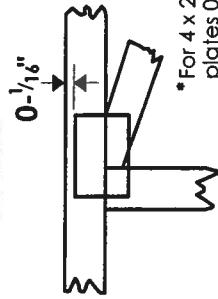


Symbols

PLATE LOCATION AND ORIENTATION



- * Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and securely seat.



- * For 4 x 2 orientation, locate plates 0-¹/₁₆\" from outside edge of truss.



- * 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

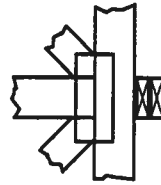
The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

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

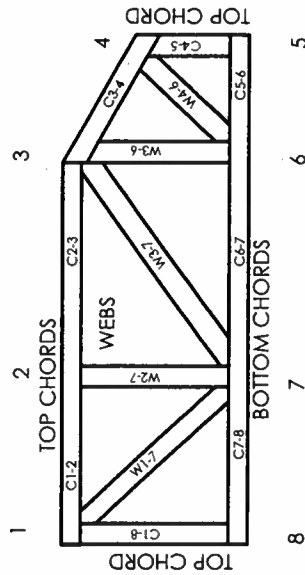


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

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

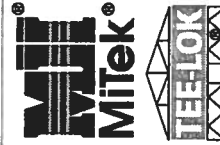


JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

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: MII-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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**RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR
FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004
WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 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 1609 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 106.1). 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> Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, I_w , and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional.
☒	☐	<u>Elevations including:</u> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation

- [illegible]

110

- NA

NA

6 2006 09:01AM

- 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) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) 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 (termiticide 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

☐

~~c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)~~

~~Floor Framing System:~~

- ~~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~~
- ~~h) Exhaust fans in bathroom~~

~~HVAC information~~

- ~~a) Energy Calculations (dimensions shall match plans)~~
- ~~b) Manual J sizing equipment or equivalent computation~~
- ~~c) Gas System Type (LP or Natural) Location and BTU demand of equipment~~

~~Disclosure Statement for Owner Builders~~

~~***Notice Of Commencement Required Before Any Inspections Will Be Done
Private Potable Water~~

☐

NA

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1850
350
24747

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 Don
Deputy Clerk

Date 7/10/06

Inst:2006016324 Date:07/10/2006 Time:11:13

S. F DC, P. DeWitt Cason, Columbia County B:1089 P:466

Permit No. _____
Tax Folio No. _____

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 68, 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 \$ _____

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)

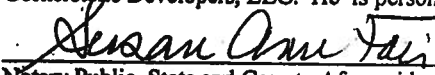
9. Expiration date of notice of commencement (the expiration date is one (1) year from the date of recording unless a different date is specified):

CORNERSTONE DEVELOPERS, LLC

By: 
Frank Soucinek, its sole Manager (SEAL)

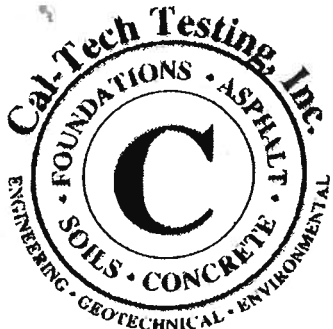
(OWNER)

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



Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056

4784 Rosselle Street • Jacksonville, FL 32254

2230 Greensboro Highway • Quincy, FL 32351

Tel (386) 755-3633 • Fax (386) 752-5456

Tel (904) 381-8901 • Fax (904) 381-8902

Tel (850) 442-3495 • Fax (850) 442-4008

August 8, 2006

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

#24747

Attention: Chris Cox

Reference: Proposed Residence
Emerald Cove, Phase I, Lot 68
Columbia County, Florida
Cal-Tech Project No. 06-473

Dear Mr. Cox,

Cal-Tech Testing, Inc. has completed an investigation and evaluation of lot 68 of Emerald Cove, Phase I in Columbia County, Florida. The purposes of our work were to evaluate the potential for flooding of a home to be constructed at the site and to provide recommendations for selecting a finished floor elevation.

Based upon the U. S. Coast and Geodetic Survey marker "BP19" located near the intersection of U. S. 90 and Brown Road, the elevation of the roadway centerline and the proposed finished floor elevation are 123.95 feet and 122.35 feet, respectively. Thus the finished floor elevation is to be approximately 1.6 feet below the centerline elevation of the adjacent roadway.

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

Based upon the FEMA flood map for Columbia County, the drainage basin in which the proposed home site is located is not a flood area; therefore, flooding of the home should not be expected if the floor is constructed at the proposed elevation. If for some reason however flooding did occur within this drainage basin, flooding to an elevation of 122 feet would produce flood depths on the order of 35 feet within portions of the basin. Flooding to this depth is highly unlikely.

It should be noted a relatively large, topographically isolated flood area is located approximately one-half mile south southeast of the building site. The flood elevation for this area has not been determined by FEMA; however, based upon the area delineated by the flood map, this flood elevation is estimated to be about 112.0 feet. The proposed

finished floor elevation is roughly 10 feet above this flood elevation; therefore, flooding should not be expected.

Elevating the floor of the residence to 12 inches above the adjacent roadway should not be required; however, we recommend the finished floor be a minimum of 12 inches above the finished surface grade at the perimeter of the residence.

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

Respectfully submitted,
Cal-Tech Testing, Inc.



Linda Creamer
President / CEO



John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer

8/8/06
52612

Notice of Treatment

12163

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: BAYVIEW

City LAKE CITY Phone 252 1703

Site Location: Subdivision

Lot # 68 Block# Emerald Cove Permit # 24747

Address 142 SW Fieldstone CT

Product used

Active Ingredient

% Concentration

☐ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☒ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☐ Soil

☒ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling

2287

641

4.5

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

10/5/06
Date

0800
Time

F254 Gunning
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



CERTIFICATE OF OCCUPANCY

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-16-02438-168

Building permit No. 000024747

Use Classification SFD/UTILITY

Fire: 55.80

Permit Holder BRYAN ZECHER

Waste: 167.50

Owner of Building CORNERSTONE DEVELOPERS

Total: 223.30

Location: 142 SW FIELDSTONE COURT(EMERALD COVE, LOT 68)

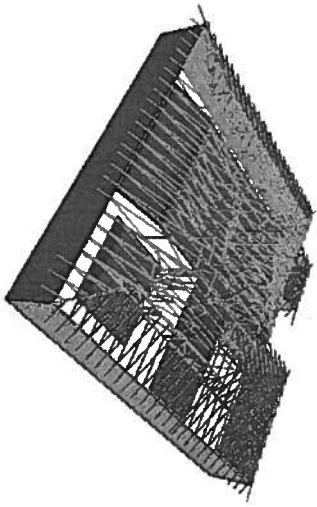
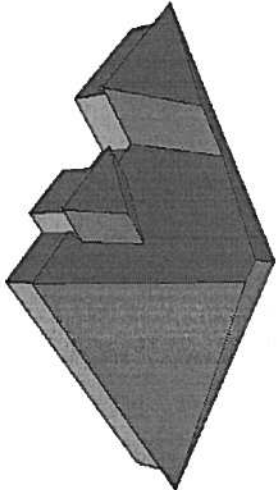
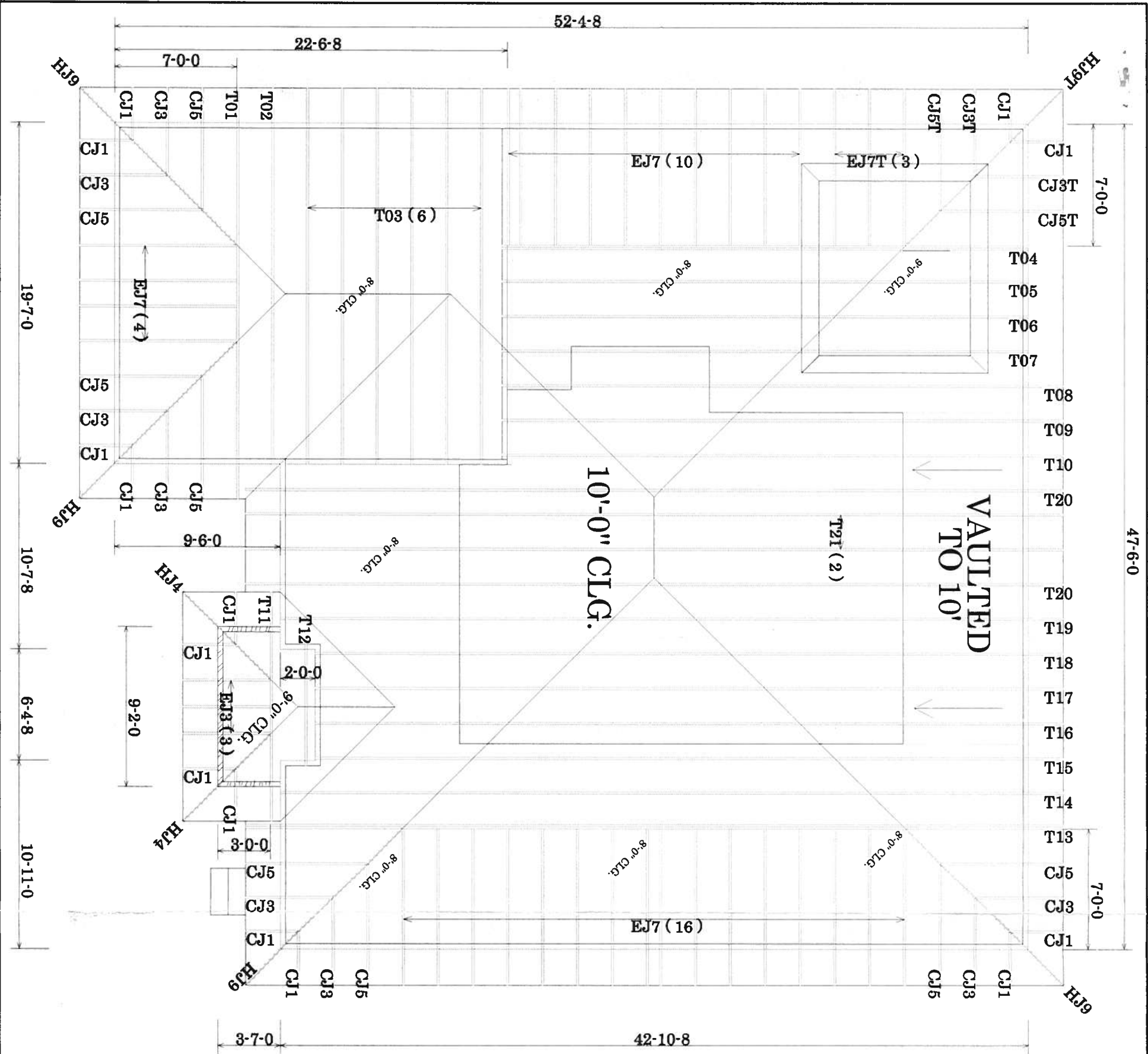
Date: 11/30/2006

Vern Dick

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)





BEARING HEIGHT SCHEDULE

8'-0"
9'-0"

OVERHANG
ROOF PITCH(S)
2'-0"
6/12

NOTES:

- 1) REFER TO BID 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 DECKED OR REFER TO DETAIL V05 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 PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED
- 6) 5/142 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP
- 7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HTU26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON THA432 UNLESS OTHERWISE NOTED
- 8) BEARING ADVERTINTEL (ADT) TO BE FURNISHED BY BUILDER

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND V0505. ALL FRIENDS ARCHITECTURAL OR OTHER TRUSS LAYOUTS, REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL DIMENSIONS TO BEING AGAINST CHANGES THAT WILL BE CALLED IN EXTRA CHARGES TO YOU.

Revised Drawing Date _____

Approved By _____ Date _____



Jacksonville
PHONE: 904-437-3349 FAX: 904-437-3994
Lake City
PHONE: 904-772-5100 FAX: 904-772-1973
Sanford
PHONE: 904-755-6848 FAX: 904-755-7973
PHONE: 407-322-0054 FAX: 407-322-9553

BUILDER: CORNERSTONE

LEGAL ADDRESS: LOT 68 EMERALD COVE

MODEL: THE GRIPFIN **REVISION:** SCALE: NTS

DATE: 05/24/06 **DRAWN BY:** JOB#: BL **L166539**