

DATE04/06/2006

Columbia County Building Permit

PERMIT000024353

This Permit Expires One Year From the Date of Issue

APPLICANTJOHN NORRIS

PHONE758-3663

ADDRESS351NW CORWIN GLEN

LAKE CITY

FL32025

OWNERIMAGE DEVELOPMENT GROUP

PHONE352-538-9697

ADDRESS156SW THISTLEWOOD LN

FORT WHITE

FL32038

CONTRACTORJOHN NORRIS

PHONE

LOCATION OF PROPERTY47 S, L 27, L CR 18, L GREENWOOD TERR, L THISTLEWOOD LN,

HOUSE ON CORNER

TYPE DEVELOPMENTSFD,UTILITY

ESTIMATED COST OF CONSTRUCTION73650.00

HEATED FLOOR AREA1473.00

TOTAL AREA1473.00

HEIGHT16.80

STORIES1

FOUNDATIONCONCRETE

WALLSFRAMED

ROOF PITCH6/12

FLOORSLAB

LAND USE & ZONINGFORT WHITE

MAX. HEIGHT

Minimum Set Back Requirments:STREET-FRONT

REAR

SIDE

NO. EX.D.U.0

FLOOD ZONEFW

DEVELOPMENT PERMIT NO.

PARCEL ID34-6S-16-04056-127

SUBDIVISIONTHORNWOOD

LOT27

BLOCK

PHASE

UNIT

TOTAL ACRES1.00

RG0066597

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

06-0277-N

BK

JH

Y

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS:TOWN OF FORT WHITE LETTER RECIEVED

NOC ON FILE

Check # or Cash3636

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 \$370.00

CERTIFICATION FEE \$7.37

SURCHARGE FEE \$7.37

MISC. FEES \$0.00

ZONING CERT. FEE \$50.00

FIRE FEE \$0.00

WASTE FEE \$

FLOOD DEVELOPMENT FEE \$

FLOOD ZONE FEE \$

CULVERT FEE \$

TOTAL FEE434.74

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

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

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025

Parcel I.D. #: 04056-127 & ~~04056-128~~

Inst:2006005979 Date:03/10/2006 Time:14:43

DC, P. DeWitt Cason, Columbia County B:1076 P:2378

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

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

Lots 27 & ~~28~~, THORNWOOD, according to the map or plat thereof as recorded in Plat Book 7, Page 202, 204, of the Public Records of Columbia County, FLORIDA.

2. General description of improvement: **construction of single family dwelling**

3. Owner information:

- a. Name and address:
**IMAGE DEVELOPMENT GROUP, LLC
20074 NW 258TH DRIVE, HIGH SPRINGS, FL 32643**
- b. Interest in property: **Fee Simple**
- c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)

**JOHN NORRIS CONSTRUCTION, INC.
351 NW CORWIN GLN, LAKE CITY, FL 32055
Telephone Number: 386-758-3663 and 386-961-4549**

5. Surety (if any):

- a. Name and Address:
Telephone Number: _____
- b. Amount of Bond \$ _____

6. Lender: (Name and Address)

**CAPITAL CITY BANK
1301 METROPOLITAN BLVD., TALLAHASSEE, FLORIDA 32308
Telephone Number: 850-402-2223**

7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: (Name and Address)
N/A

8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)

**CAPITAL CITY BANK
1301 METROPOLITAN BLVD., TALLAHASSEE, FLORIDA 32308
Telephone Number: 850-402-2223**

9. Expiration date of Notice of Commencement (the expiration date is 1-year from the date of recording unless a different date is specified) _____.

IMAGE DEVELOPMENT GROUP, LLC

By: _____

RICHARD C. PARKER

{SEAL}

Sworn to and subscribed before me this 10th day of March, 2006, by **RICHARD C. PARKER** as **MANAGER** of **IMAGE DEVELOPMENT GROUP, LLC**, who is personally known to me or who has produced **drivers license** as identification.

Notary Public

My Commission Expires: _____



**BRENDA STYONS
MY COMMISSION # DD 287986
EXPIRES: February 5, 2008
Bonded Thru Budget Notary Services**

Columbia County Building Permit Application

434.74
Revised 8-23-04

For Office Use Only Application # 060378 Date Received 3/21 By JW Permit # 0000/24353
Application Approved by - Zoning Official _____ Date _____ Plans Examiner OK JH Date 4-6-06
Flood Zone _____ Development Permit _____ Zoning _____ Land Use Plan Map Category _____
Comments No RUSS PACKAGE - Signed by North Valley Plan

Applicants Name John Norris Phone 758-3663
Address 351 NW Corwin Gln
Owners Name Image Development Group LLC Phone 352-538-9697
911 Address 156 SW Thistlewood Ln Ft White
Contractors Name John Norris Phone 758-3663
Address 351 NW Corwin Gln
Fee Simple Owner Name & Address Image Development Group
Bonding Co. Name & Address _____
Architect/Engineer Name & Address Bill Freeman
Mortgage Lenders Name & Address Capital City Bank

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

Property ID Number 34-65-16-04056-127 Estimated Cost of Construction 90,000

Subdivision Name Thornwood Subdivision Lot 27 Block _____ Unit _____ Phase _____

Driving Directions take SR47 South to Ft White, turn left on SR27 go 1/4 mile turn left on CR18 go 1/2 mile turn left on Greenwood left - turn left on Thistlewood Ln house on corner.

Type of Construction New Home Number of Existing Dwellings on Property 0

Total Acreage 1 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 25' Side 25' Side 25' Rear 25'

Total Building Height 16' 8" Number of Stories 1 Heated Floor Area 1473 Roof Pitch 6'12"

Porch 422 GARAGE

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.

Owner Builder or Agent (Including Contractor) _____ Contractor Signature John Norris

STATE OF FLORIDA _____ Contractors License Number RG0066597

COUNTY OF COLUMBIA _____ Competency Card Number _____

Sworn to (or affirmed) and subscribed before me _____ NOTARY STAMP/SEAL

this _____ day of _____ 20 _____

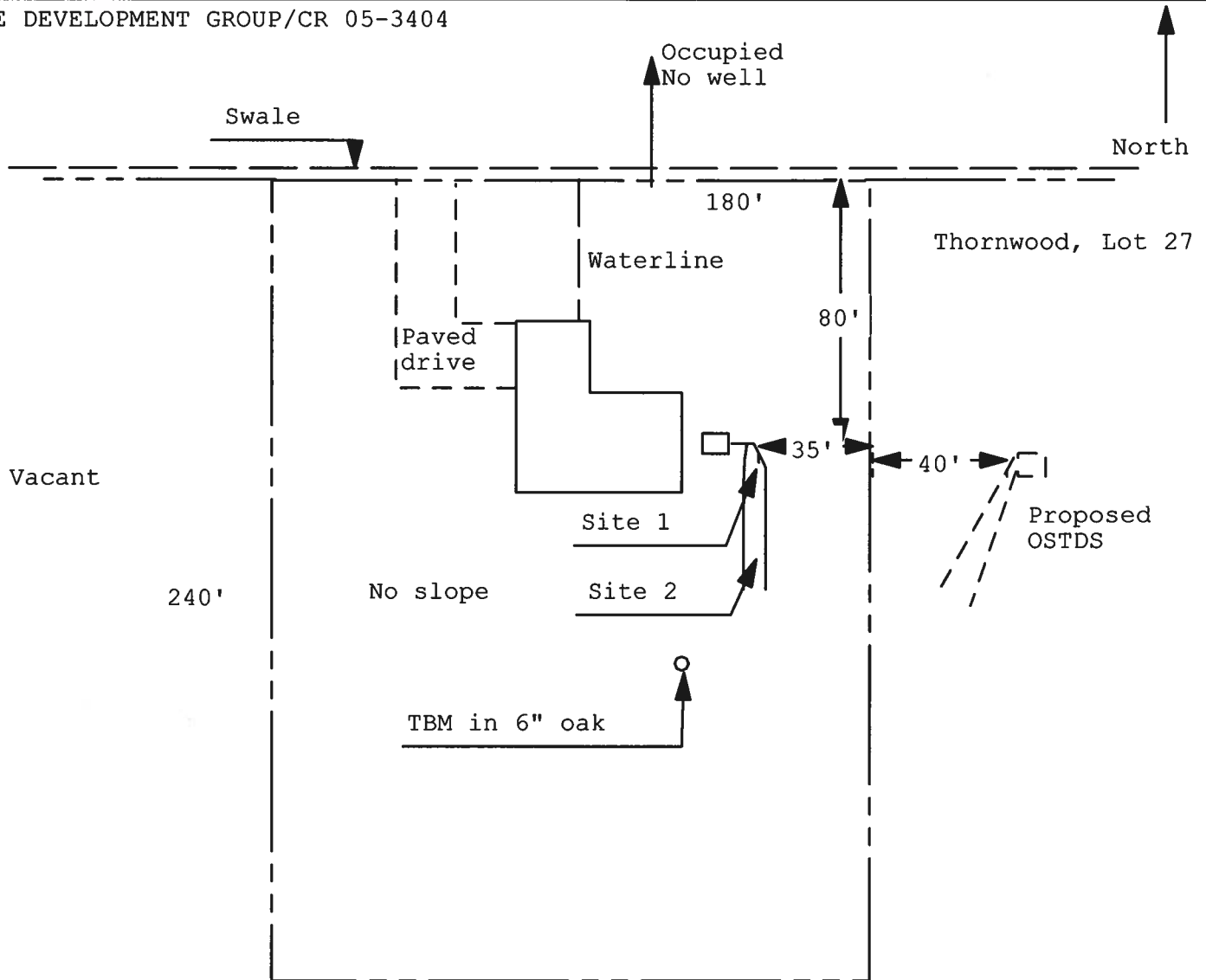
Personally known _____ or Produced Identification _____

Notary Signature _____

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 06-0277N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

IMAGE DEVELOPMENT GROUP/CR 05-3404



Vacant

1 inch = 50 feet

Site Plan Submitted By Paul Lloyd

Date 3/6/06

Plan Approved ☒ Not Approved

Date 3/28/06

By Paul Lloyd

APPROVED

Columbia CHD

CPHU

Notes:

0603-78

Town of Fort White

Post Office Box 129 ♦ Fort White, Florida 32038-0129 ♦ 386-497-2321 ♦ FAX 386-497-4946

CERTIFICATE OF COMPLIANCE & REQUEST FOR ISSUANCE OF BUILDING PERMIT

The undersigned hereby certify the following property is in compliance with the Town of Fort White's Comprehensive Plan and Land Development Regulations for the stated development purposes

OWNER'S NAME: Image Development Group

ADDRESS: P.O. Box 305 Newberry, FL 32669

PROPERTY DESCRIPTION: parcel 4056-127 Lot #27
(parcel number if possible) 156 SW Thistlewood Lane/Thornwood

DEVELOPMENT: Single Family Dwelling

You are hereby authorized to issue the appropriate building permits.

3/2/06

DATE


LAND DEVELOPMENT REGULATION
ADMINISTRATOR
TOWN OF FORT WHITE

@ CAM112M01 S CamaUSA Appraisal System
 3/21/2006 16:23 Legal Description Maintenance
 Year T Property Sel
 2006 R 34-6S-16-04056-127

	Columbia	Count
40500	Land	001
	AG	000
	Bldg	000
	Xfea	000
40500	TOTAL	F

IMAGE DEVELOPMENT GROUP LLC

1	LOT 27 THORNWOOD S/D	WD 1030-2804	2
3			4
5			6
7			8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt 12/03/2004 LARRY

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **Thronwood Lot 27**
 Address:
 City, State: ,
 Owner: **John Norris**
 Climate Zone: **South**

Builder: **John Norris**
 Permitting Office: **COLUMBIA**
 Permit Number: **24353**
 Jurisdiction Number: **221006**

- | | | |
|--|--------------------------------|-----------------------|
| 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 (ft ²) | 1473 ft ² | ___ |
| 7. Glass area & type | Single Pane | Double Pane |
| a. Clear glass, default U-factor | 0.0 ft ² | 130.0 ft ² |
| b. Default tint | 0.0 ft ² | 0.0 ft ² |
| c. Labeled U or SHGC | 0.0 ft ² | 0.0 ft ² |
| 8. Floor types | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 210.0(p) ft | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 9. Wall types | | |
| a. Frame, Wood, Exterior | R=13.0, 1680.0 ft ² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| d. N/A | | ___ |
| e. N/A | | ___ |
| 10. Ceiling types | | |
| a. Under Attic | R=30.0, 1620.3 ft ² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 11. Ducts | | |
| a. Sup: Con. Ret: Con. AH: Interior | Sup. R=6.0, 67.0 ft | ___ |
| b. N/A | | ___ |

- | | |
|--|----------------------------------|
| 12. Cooling systems | |
| a. Central Unit | Cap: 24.0 kBtu/hr
SEER: 10.00 |
| b. N/A | ___ |
| c. N/A | ___ |
| 13. Heating systems | |
| a. Electric Heat Pump | Cap: 24.0 kBtu/hr
HSPF: 7.00 |
| b. N/A | ___ |
| c. N/A | ___ |
| 14. Hot water systems | |
| a. Electric Resistance | Cap: 50.0 gallons
EF: 0.90 |
| b. N/A | ___ |
| c. Conservation credits
(HR-Heat recovery, Solar
DHP-Dedicated heat pump) | ___ |
| 15. HVAC credits | MZ-C, PT, CF, ___ |
| (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: 19752
 Total base points: 25504

PASS

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

PREPARED BY: W. J. A. T. Jr.
 DATE: 2/16/06

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

OWNER/AGENT: _____
 DATE: _____

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

BUILDING OFFICIAL: _____
 DATE: _____



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	1473.0	32.50	8617.1	Double, Clear	E	1.5	6.0	30.0	68.60	0.92	1888.1
				Double, Clear	E	1.5	6.0	20.0	68.60	0.92	1258.7
				Double, Clear	S	1.5	6.0	30.0	58.45	0.87	1532.9
				Double, Clear	W	1.5	6.0	50.0	61.59	0.92	2827.1
				As-Built Total:				130.0	7506.8		
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		1680.0	2.40		4032.0	
Exterior	1680.0	2.70	4536.0								
Base Total:				1680.0		4536.0					
				As-Built Total:		1680.0		4032.0			
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated			40.8	6.40		261.1	
Exterior	58.5	6.40	374.3	Exterior Insulated			17.7	6.40		113.2	
Base Total:				58.5		374.3					
				As-Built Total:		58.5		374.3			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1473.0	2.80	4124.4	Under Attic	30.0		1620.3	2.77 X 1.00		4488.2	
Base Total:				1473.0		4124.4					
				As-Built Total:		1620.3		4488.2			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	210.0(p)	-20.0	-4200.0	Slab-On-Grade Edge Insulation	0.0		210.0(p)	-20.00		-4200.0	
Raised	0.0	0.00	0.0								
Base Total:				-4200.0		210.0		-4200.0			
				As-Built Total:		210.0		-4200.0			
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1473.0 18.79 27677.7				1473.0 18.79 27677.7							

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

ADDRESS: , , ,

PERMIT #:

BASE					AS-BUILT										
Summer Base Points: 41129.4					Summer As-Built Points: 39879.0										
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
					(DM x DSM x AHU)										
41129.4		0.4266		17545.8	39879.0		1.000		(1.000 x 1.165 x 0.90)		0.341		0.857		12224.7
					39879.0		1.00		1.048		0.341		0.857		12224.7

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	1473.0	2.36	625.7	Double, Clear	E	1.5	6.0	30.0	3.30	1.02	101.1		
				Double, Clear	E	1.5	6.0	20.0	3.30	1.02	67.4		
				Double, Clear	S	1.5	6.0	30.0	3.12	1.02	95.3		
				Double, Clear	W	1.5	6.0	50.0	3.98	1.00	198.6		
				As-Built Total:				130.0		462.3			
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		1680.0		0.60	1008.0			
Exterior	1680.0	0.60	1008.0										
Base Total:				1680.0		1008.0		As-Built Total:				1680.0	1008.0
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Insulated	40.8		1.80		73.4				
Exterior	58.5	1.80	105.3	Exterior Insulated	17.7		1.80		31.8				
Base Total:				58.5		105.3		As-Built Total:				58.5	105.3
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points						
Under Attic	1473.0	0.10	147.3	Under Attic	30.0		1620.3		0.10 X 1.00		162.0		
Base Total:				1473.0		147.3		As-Built Total:				1620.3	162.0
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points						
Slab	210.0(p)	-2.1	-441.0	Slab-On-Grade Edge Insulation	0.0		210.0(p)		-2.10		-441.0		
Raised	0.0	0.00	0.0										
Base Total:				-441.0		210.0		As-Built Total:				-441.0	
INFILTRATION Area X BWPM = Points				Area X WPM = Points									
1473.0				-0.06		-88.4		1473.0				-0.06	-88.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT									
Winter Base Points: 1356.9				Winter As-Built Points: 1208.2									
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	= Heating Points
1356.9		0.6274	851.3	1208.2		1.000		(1.000 x 1.137 x 0.91)		0.487		0.950	578.5
1356.9		0.6274	851.3	1208.2		1.00		1.035		0.487		0.950	578.5

WATER HEATING & CODE COMPLIANCE STATUS**Residential Whole Building Performance Method A - Details**

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank X	Multiplier X Credit = Total
Number of	X	Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms									
3		2369.00	7107.0	50.0	0.90	3		1.00	2316.36 1.00 6949.1
				As-Built Total:					6949.1

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	Cooling	+	Heating	+	Hot Water
Points		Points		Points	Points		Points		Points
				= Total					= Total
				Points					Points
17546		851		7107	12225		579		6949
				25504					19752

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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 6-12. 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* = 87.4

The higher the score, the more efficient the home.

John Norris, , , ,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 24.0 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 (ft ²)	1473 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft ² 130.0 ft ²	a. Electric Heat Pump	Cap: 24.0 kBtu/hr
b. Clear - double pane	0.0 ft ² 0.0 ft ²		HSPF: 7.00
c. Tint/other SHGC - single pane	0.0 ft ² 0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane		c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 210.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1680.0 ft ²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	MZ-C, PT, CF,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1620.3 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Con. AH: Interior	Sup. R=6.0, 67.0 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: _____ Date: _____

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



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

Energy Gauge Co. Version: FLRCPB v3.30)

Residential System Sizing Calculation

Summary

John Norris

Project Title:
Thronwood Lot 27

Code Only
Professional Version
Climate: South

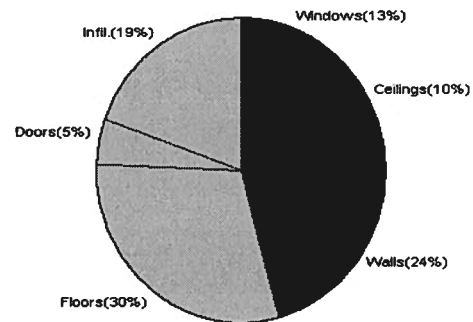
2/16/2006

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	23 F
Total heating load calculation	22039 Btuh	Total cooling load calculation	20819 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	108.9 24000	Sensible (SHR = 0.5)	72.9 12000
Heat Pump + Auxiliary(0.0kW)	108.9 24000	Latent	274.9 12000
		Total (Electric Heat Pump)	115.3 24000

WINTER CALCULATIONS

Winter Heating Load (for 1473 sqft)

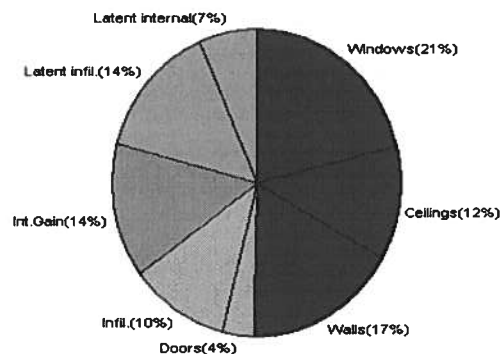
Load component		Load
Window total	130 sqft	2795 Btuh
Wall total	1680 sqft	5208 Btuh
Door total	58 sqft	1072 Btuh
Ceiling total	1620 sqft	2106 Btuh
Floor total	210 ft	6636 Btuh
Infiltration	98 cfm	4221 Btuh
Subtotal		22039 Btuh
Duct loss		0 Btuh
TOTAL HEAT LOSS		22039 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1473 sqft)

Load component		Load
Window total	130 sqft	4422 Btuh
Wall total	1680 sqft	3595 Btuh
Door total	58 sqft	730 Btuh
Ceiling total	1620 sqft	2528 Btuh
Floor total		0 Btuh
Infiltration	86 cfm	2178 Btuh
Internal gain		3000 Btuh
Subtotal(sensible)		16453 Btuh
Duct gain		0 Btuh
Total sensible gain		16453 Btuh
Latent gain(infiltration)		2986 Btuh
Latent gain(internal)		1380 Btuh
Total latent gain		4366 Btuh
TOTAL HEAT GAIN		20819 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: *W. J. Norris*

DATE: *2/16/06*

System Sizing Calculations - Winter

Residential Load - Component Details

John Norris

Project Title:
Thronwood Lot 27

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

2/16/2006

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Wood, DEF	N	30.0	21.5	645 Btuh
2	2, Clear, Wood, DEF	N	20.0	21.5	430 Btuh
3	2, Clear, Wood, DEF	E	30.0	21.5	645 Btuh
4	2, Clear, Wood, DEF	S	50.0	21.5	1075 Btuh
Window Total			130		2795 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1680	3.1	5208 Btuh
Wall Total			1680		5208 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		41	18.3	748 Btuh
2	Insulated - Exter		18	18.3	324 Btuh
Door Total			58		1072Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1620	1.3	2106 Btuh
Ceiling Total			1620		2106Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	210.0 ft(p)	31.6	6636 Btuh
Floor Total			210		6636 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	14730(sqft)	98	4221 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				98	4221 Btuh

Totals for Heating	Subtotal	22039 Btuh
	Duct Loss(using duct multiplier of 0.00)	0 Btuh
	Total Btuh Loss	22039 Btuh

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

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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

System Sizing Calculations - Summer

Residential Load - Component Details

John Norris

Project Title:
Thronwood Lot 27

Code Only
Professional Version
Climate: South

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 2/16/2006

Window	Type	Panes/SHGC/U/InSh/ExSh Ornt	Overhang		Window Area(sqft)			HTM		Load		
			Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, DEF, N, N	N	1.5	6	30.0	0.0	30.0	24	24	720	Btuh	
2	2, Clear, DEF, N, N	N	1.5	6	20.0	0.0	20.0	24	24	480	Btuh	
3	2, Clear, DEF, N, N	E	1.5	6	30.0	4.0	26.0	24	74	2022	Btuh	
4	2, Clear, DEF, N, N	S	1.5	6	50.0	50.0	0.0	24	39	1200	Btuh	
Window Total					130					4422	Btuh	
Walls	Type	R-Value		Area			HTM		Load			
	1	Frame - Exterior	13.0		1680.0			2.1		3595	Btuh	
	Wall Total			1680.0					3595	Btuh		
Doors	Type				Area			HTM		Load		
	1	Insulated - Exter			40.8			12.5		509	Btuh	
	2	Insulated - Exter			17.7			12.5		221	Btuh	
	Door Total			58.5					730	Btuh		
Ceilings	Type/Color	R-Value		Area			HTM		Load			
	1	Under Attic/Dark		1620.3			1.6		2528	Btuh		
	Ceiling Total			1620.3					2528	Btuh		
Floors	Type	R-Value		Size			HTM		Load			
	1	Slab-On-Grade Edge Insulation		210.0 ft(p)			0.0		0	Btuh		
	Floor Total			210.0					0	Btuh		
Infiltration	Type	ACH			Volume			CFM=		Load		
	Natural		0.35			14730			86.1		2178	Btuh
	Mechanical								0		0	Btuh
	Infiltration Total								86		2178	Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	6	X	300 +		
				1200	3000 Btuh

Totals for Cooling	Subtotal	16453 Btuh
	Duct gain(using duct multiplier of 0.00)	0 Btuh
	Total sensible gain	16453 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	2986 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	20819 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

From: The Columbia County Building Department
Plans Review
135 NE Hernando Av.
P. O Box 1529
Lake City Florida, 32056-1529

0603-78

Reference to a building permit application Number:

John Norris Owner Image Development Group 156 SW Thistlewood Ln.

On the date of March 23, 2006 application 0603-78 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0603-78 when making reference to this application.

1. Please provide a copy of a signed released site plan from the Columbia County

Environmental Health Department which confirms approval of the waste water

disposal system.

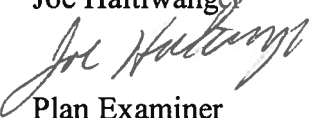
2. Please show on the plans show the emergency escape and rescue required egress window in bedroom # 2 which will comply with section R310.1 of the FRC- 2004.

3. Please show one bathroom which complies with the FRC-2004 sections R322.1.1:

All new single-family houses, duplexes, triplexes, condominiums and townhouses shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch (737 mm) clear opening. However, if only a toilet room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches (737 mm).

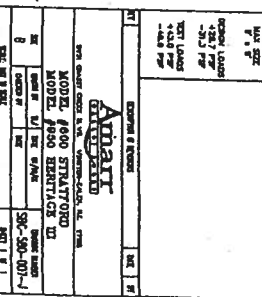
- ✓ 4. Prior to submittal of two sets of engineered roof truss plans have Mr. William Freeman supply the following information, show all required connectors with uplift rating for the truss system and required number and size of fasteners for continuous tie from the roof to foundation. These connection points shall be designed by an architect or engineer using the engineered roof truss plans.
- ✓ 5. Show on the electrical plan the location of the electrical service overcurrent protection device. This device shall be installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

Joe Haltiwanger



Plan Examiner

Columbia County Building Department





Architectural Testing

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

Rendered to:

MI HOME PRODUCTS, INC.

**SERIES/MODEL: 480/680/880 Drop-in
PRODUCT TYPE: Aluminum Horizontal
Sliding Window (XO-Fin)**

Title	Results	
	Test Specimen #1	Test Specimen #2
Rating	HS-C30 71 x 71	HS-C40 71 x 59
Operating Force	11 lbf max.	14 lbf max.
Air Infiltration	0.11 cfm/ft ²	0.09 cfm/ft ²
Water Resistance Test Pressure	5.3 psf	6.0 psf
Uniform Load Deflection Test Pressure	± 30.0 psf	+ 45.0 psf -47.2 psf
Uniform Structural Load Test Pressure	± 45.0 psf	+ 67.5 psf -70.8 psf
Forced Entry Resistance	Grade 10	Grade 10

Reference should be made to ATI Report Identification No. 01-47320.03 for complete test specimen description and data.

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com



Architectural Testing

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

Rendered to:

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

ATI Report Identification No.: 01-47320.03

Test Dates: 10/07/03

Through: 10/08/03

And: 12/01/03

And: 12/15/03

And: 03/17/04

Report Date: 04/16/04

Expiration Date: 10/07/07

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness testing on two Series/Model 480/680/880 Drop-in, aluminum horizontal sliding windows at MI Home Products, Inc. test facility in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for the following ratings: Test Specimen #1: HS-C30 71 x 71; Test Specimen #2: HS-C40 71 x 59. Test specimen description and results are reported herein.

Test Specification: The test specimens were evaluated in accordance with ANSI/AAMA/NWDA 101/I.S.2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors*.

Test Specimen Description:

Series/Model: 480/680/880 Drop-in

Product Type: Aluminum Horizontal Sliding Window (XO Fin)

Test Specimen #1: HS-C30 71 x 71

Overall Size: 5' 11-7/16" wide by 5' 11" high

Active Sash Size: 2' 11-5/8" wide by 5' 8-3/8" high

Fixed Daylight Opening Size: 2' 8-3/16" wide by 5' 5-5/8" high

Screen Size: 2' 10" wide by 5' 6-1/2" high



Architectural Testing

01-47320.03

Page 2 of 7

Test Specimen Description: (Continued)

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.250" high by 0.187" backed polypile with center fin	1 Row	Active sash top and bottom rails and fixed meeting rail interlock
0.250" high by 0.187" backed polypile with center fin	2 Rows	Jamb stile

Test Specimen #2: HS-C40 71 x 59

Overall Size: 5' 11-3/8" wide by 4' 11-1/8" high

Active Sash Size: 2' 11-5/8" wide by 4' 8-1/4" high

Fixed Daylight Opening Size: 2' 8-1/4" wide by 4' 5-7/8" high

Screen Size: 2' 10-1/4" wide by 4' 7-1/8" high

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.310" high by 0.187" backed polypile with center fin	1 Row	Active sash top and bottom rails
0.250" high by 0.187" backed polypile with center fin	1 Rows	Fixed meeting rail interlock
0.310" high by 0.187" backed polypile with center fin	2 Rows	Jamb stile
0.550" high by 1" by 1" backed polypile pad	1 Pad	Corner of bottom rail and locking stile



Architectural Testing

Test Specimen Description: (Continued)

The following descriptions apply to all specimens.

Finish: All aluminum was white.

Glazing Details: The window utilized 5/8" thick sealed insulating glass constructed from two sheets of 1/8" thick clear annealed glass and a Swiggle spacer system. The lites were interior glazed onto double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

Frame Construction: The frame was constructed of thermally broken extruded aluminum. The corners were secured utilizing three #8 x 1" screws per corner through the jambs into the head and sill screw bosses. End caps were utilized on the ends of the fixed meeting rails and secured with two #8 x 3/4" screws per cap. The meeting rails were then secured to the frame with two #8 x 3/4" screws.

Sash Construction: The sash was constructed of thermally broken extruded aluminum. The corners were secured utilizing one #8 x 1" screw per corner through the head and sill into the jambs screw boss.

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

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Cam lock	1	One midspan of active panel with integral lock keeper on fixed meeting stile
Roller assembly	2	One each end of bottom rail
Screen constant force spring	2	5" from rails on screen stiles
Screen lift handles	2	5" from rails on screen stiles

Drainage:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
1-1/4" long by 1/4" wide weepslot with cover	2	3-1/2" from jambs on sill face
1/2" long by 1/8" wide weepslot	2	2" from jambs on sill track

Reinforcement: No reinforcement was utilized.

Installation: The window was installed into a #2 Spruce-Pine-Fir wood buck. The window was secured utilizing #8 x 1-5/8" drywall screws located in corners and 12" on center around nail-fin perimeter. Silicone was utilized around the exterior perimeter.



Architectural Testing

01-47320.03

Page 4 of 7

Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> HS-C30 71 x 71			
2.2.2.5.1	Operating Force	11 lbf	25 lbf max.
2.1.2	Air Infiltration per ASTM E 283 1.57 psf (25 mph)	0.11 cfm/ft ²	0.3 cfm/ft ² max.
<i>Note #1: The tested specimen meets the performance levels specified in ANSI/AAMA/NWDA 101/I.S. 2-97 for air infiltration.</i>			
2.1.3	Water Resistance per ASTM E 547-00 (with and without screen) 4.50 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the meeting stile) (Loads were held for 52 seconds) 30.0 psf (positive) 30.0 psf (negative)	0.75" 0.71"	See Note #2 See Note #2
<i>Note #2: The Uniform Load Deflection test is not requirement of ANSI/AAMA/NWDA 101/I.S.2-97 for this product designation. The deflection data is recorded in this report for special code compliance and information only.</i>			
2.1.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the meeting stile) (Loads were held for 10 seconds) 45.0 psf (positive) 45.0 psf (negative)	0.13" <0.01"	0.26" max. 0.26" max.
2.2.2.5.2	Deglazing Test per ASTM E 987 In operating direction - 70 lbs		
	Handle stile	0.13"/25%	0.50"/100%
	Lock stile	0.19"/38%	0.50"/100%
	In remaining direction - 50 lbs		
	Top rail	0.09"/19%	0.50"/100%
	Bottom rail	0.06"/13%	0.50"/100%



Architectural Testing

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> HS-C30 71 x 71 (Continued)			
2.1.8	Forced Entry Resistance per ASTM F 588		
Type: A	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Test A1 thru A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry
<u>Optional Performance</u>			
4.3	Water Resistance per ASTM E 547-00 (with and without screen) 5.3 psf	No leakage	No leakage
<u>Test Specimen #2:</u> HS-C40 71 x 59			
2.2.2.5.1	Operating Force	14 lbf	25 lbf max.
2.1.2	Air Infiltration per ASTM E 283 1.57 psf (25 mph)	0.09 cfm/ft ²	0.3 cfm/ft ² max.
<i>Note #1: The tested specimen meets the performance levels specified in ANSI/AAMA/NWDA 101/I.S. 2-97 for air infiltration.</i>			
2.1.3	Water Resistance per ASTM E 547-00 (with and without screen) 4.50 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the meeting stile) (Loads were held for 52 seconds) 30.0 psf (positive) 30.0 psf (negative)	0.62" 0.51"	See Note #2 See Note #2
2.1.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the meeting stile) (Loads were held for 10 seconds) 45.0 psf (positive) 45.0 psf (negative)	0.03" 0.04"	0.21" max. 0.21" max.

**Architectural Testing****Test Results: (Continued)**

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #2: HS-C40 71 x 59 (Continued)</u>			
2.2.2.5.2	Deglazing Test per ASTM E 987 In operating direction - 70 lbs		
	Handle stile	0.13"/25%	0.50"/100%
	Lock stile	0.13"/25%	0.50"/100%
	In remaining direction - 50 lbs		
	Top rail	0.03"/6%	0.50"/100%
	Bottom rail	0.03"/6%	0.50"/100%
2.1.8	Forced Entry Resistance per ASTM F 588		
	Type: A	Grade: 10	
	Lock Manipulation Test	No entry	No entry
	Test A1 thru A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry
<u>Optional Performance</u>			
4.3	Water Resistance per ASTM E 547-00 (with and without screen) 6.0 psf	No leakage	No leakage
4.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the meeting stile) (Loads were held for 52 seconds)		
	45.0 psf (positive)	0.62"	See Note #2
	47.2 psf (negative)	0.54"	See Note #2
4.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the meeting stile) (Loads were held for 10 seconds)		
	67.5 psf (positive)	0.04"	0.21" max.
	70.8 psf (negative)	0.08"	0.21" max.

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 from the original test date. 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. This report may not be reproduced except in full without approval of Architectural Testing.

For ARCHITECTURAL TESTING, INC.



Digitally Signed by: Eric Westphal

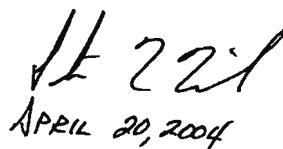
Eric Westphal
Technician

EW:dme
01-47320.03



Digitally Signed by: Steven M. Urich

Steven M. Urich, P. E.
Senior Project Engineer



APRIL 20, 2004



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Ceco Door Products
9159 Telecom Drive
Milan, TN 38358

out swing

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Regent" & "Omega" 18 ga. 3⁰-7⁰ Outswing Commercial Steel Door

APPROVAL DOCUMENT: Drawing No. RD0087, titled "3-0 x 7-0 Series", sheets 1 through 7 of 7, dated 5/30/97 with revision C dated 2/24/00, prepared by the manufacturer, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

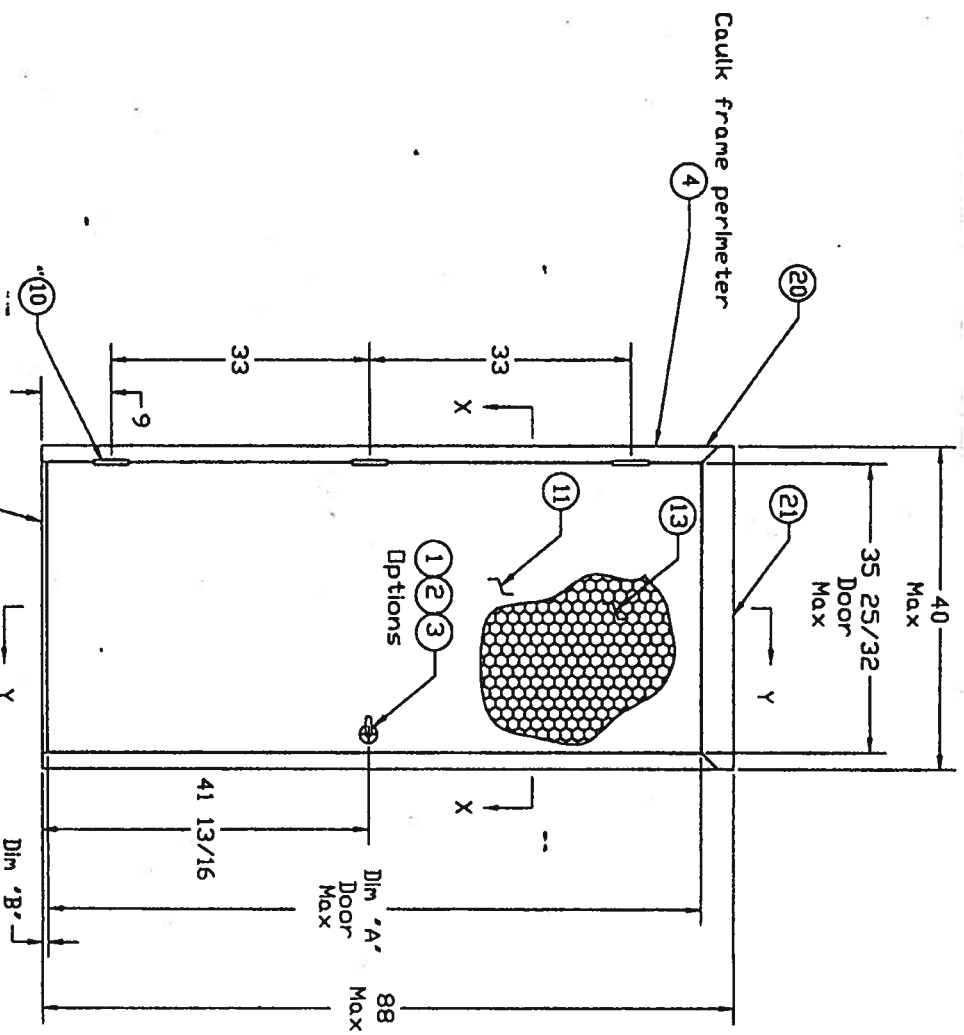
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 00-0315.03 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by Manuel Perez, P.E.



NOA No 03-0411.01
Expiration Date August 14, 2008
Approval Date: May 15, 2003
Page 1



Design Pressure	
Tested For Water Penetration	
With Overhang	+85 psf -60 psf
Without Overhang	+60 psf -60 psf

	Dim 'A'	Dim 'B'
3/4" Undercut	83 1/8	3/4
3/8" Undercut	83 1/2	3/8

Sheet 2	Frame Anchor Installation
Sheet 3	Threshold Installation
Sheet 3	Weatherstrip Installation
Sheet 4	Door Latch Reinforcement
Sheet 5-6	Cross Section View
Sheet 7	Bill Of Material

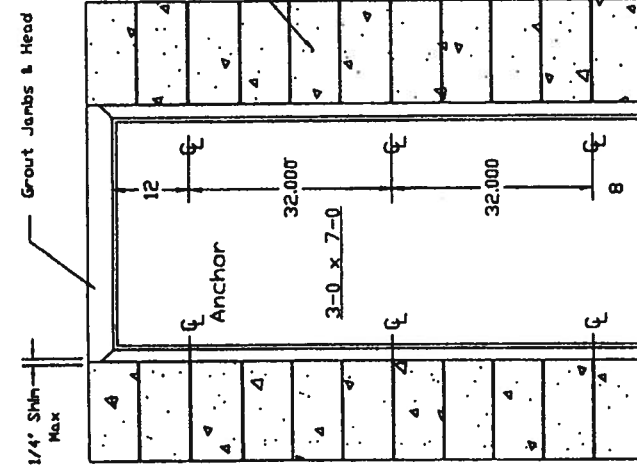
PRODUCT REVIEWED
 SA 3000-1-1
 Building Code
 Acceptance No. 03-0411-01
 Expiration Date 03/15/08
 5/1/2008
 William J. Miller
 William J. Miller Product Control

MATERIAL SPECIFICATIONS:
 Finish: Rust Inhibitive Primer

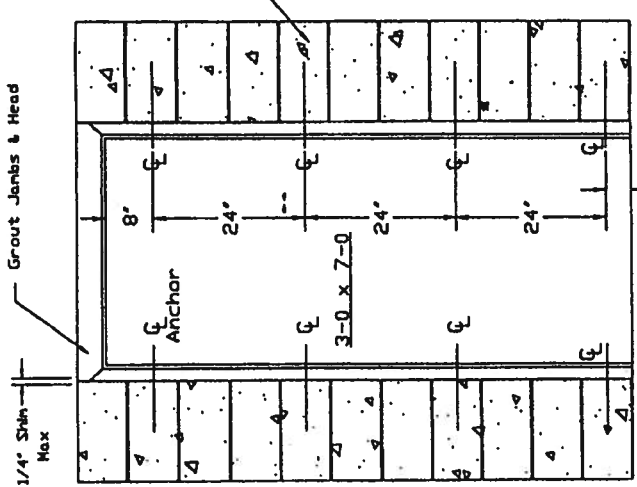
3-0 x 7-0 Series
 Elevation Drawing

CECD DOOR PRODUCTS
 Milan, Tennessee 38358

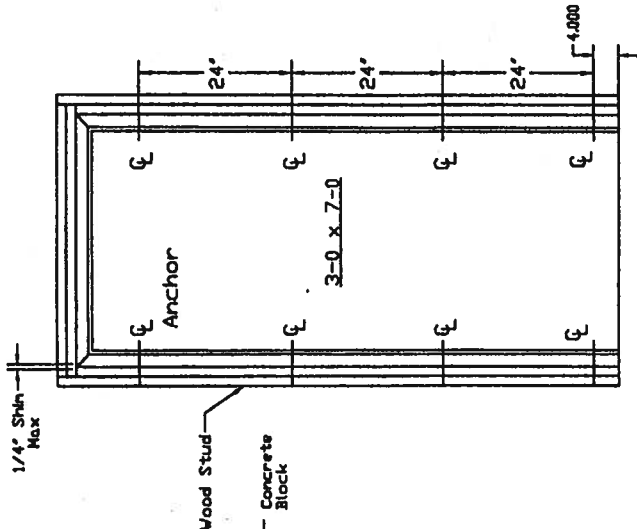
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE 03/15/08 BY William J. Miller PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 03-0411-01	
2/23/08 JMR Revised Formwork, Transferred Information from NDA	7/22/07 GWS Revised Sheet Numbers
ISSUE DRAWN BY: GWS	REVISIONS DATE: 5/30/97
DRAWING NUMBER: RD00087 Sheet 1 of 7	



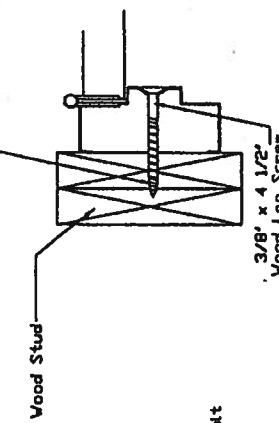
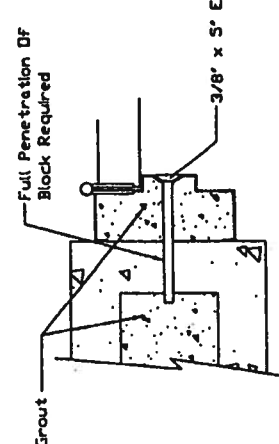
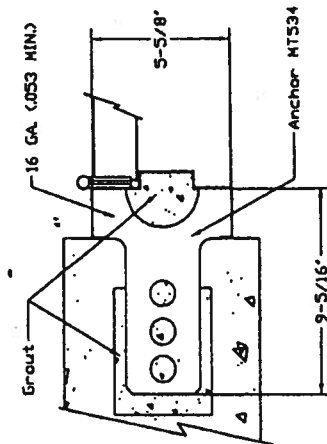
Masonry 'T' Anchor



Existing Opening Anchor Into Block



Existing Opening Anchor Into Wood Stud



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-0411.01
Expiration Date 06-14-2008
By *Michael J. [Signature]*
Miami Code Product Control
Director

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *June 08, 2008*
BY *Michael J. [Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0315.03

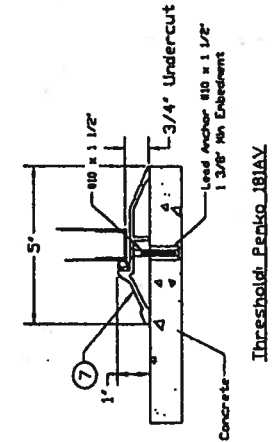
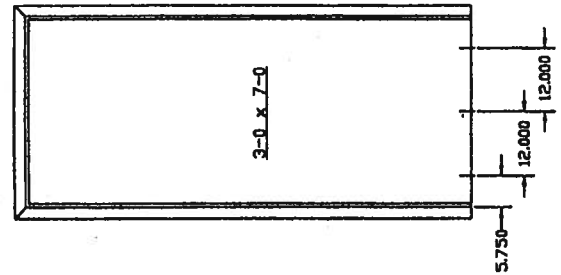
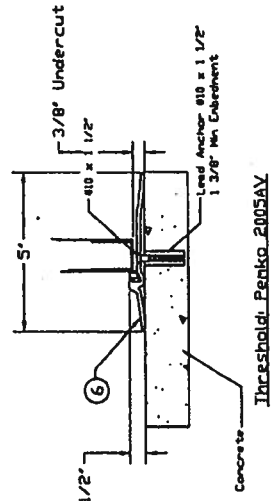
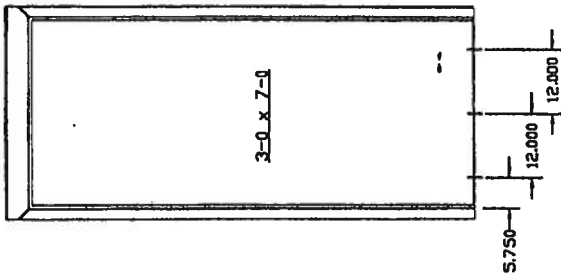
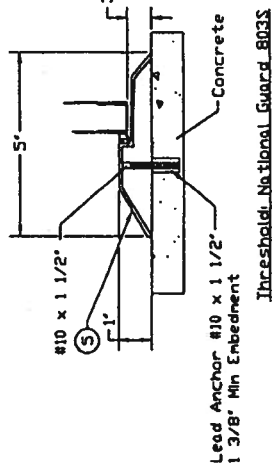
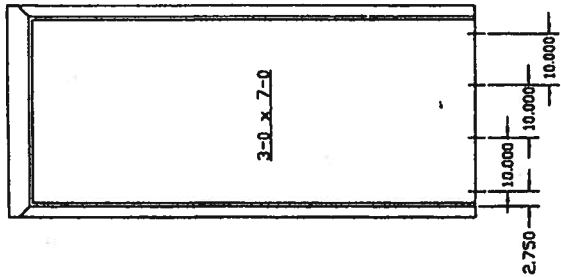
2/21/08	Revised Format, Transferred Information from NOA
7/22/97	Revised Sheet Number
ISSUE	REVISIONS
DRAWN BY: GWS	DATE: 5/30/97
DRAWING NUMBER: RD0087	Sheet 2 of 7

Frame Anchor
Installation Details

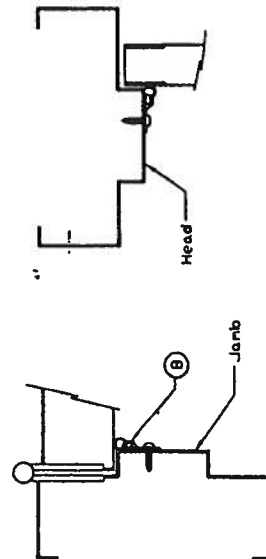
CECO DOOR PRODUCTS
Millen, Tennessee 38358

MATERIAL SPECIFICATIONS:

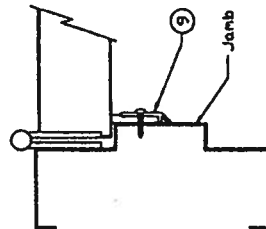
NOTES:
1. SEE SHEET 7 FOR BILL OF MATERIALS



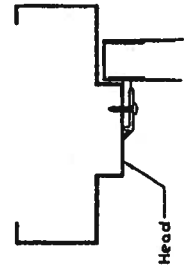
NOTE: 1. All thresholds shown are made from extruded aluminum with slide-in vinyl weatherstrip insert.



NOTE:
2. LOCATION: ALONG THE ENTIRE HEAD AND JAMB PERIMETER. ATTACHED WITH THIRTY FOUR (34) #8 X 3/4" PPH SMS SPACED AT 6' O/C.



NOTE:
3. LOCATION: ALONG THE ENTIRE HEAD AND JAMB PERIMETER. ATTACHED WITH THIRTY FOUR (34) #8 X 3/4" PPH SMS SPACED AT 6' O/C.



MATERIAL SPECIFICATIONS:

Threshold & Weatherstrip Installation details

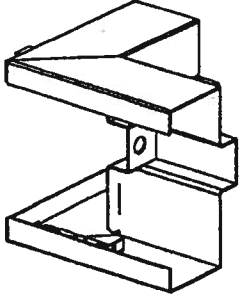
NOTE: 4. See Sheet 7 for Bill of Material

CECO DOOR PRODUCTS
Milan, Tennessee 38358

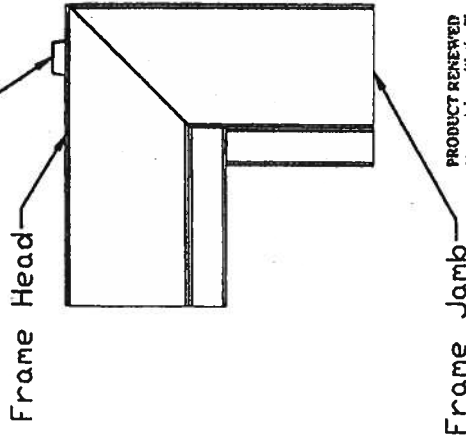
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 09-0411-01
Expiration Date 08/16/2008
By *[Signature]*
Miami/Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *11/11/00*
BY *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0315-03

C	Revised Format, Transferred
JAR	Information from NOA
B	Revised Sheet Number
7/25/97	DATE
OMS	ISSUE
REVISIONS	
DRAWN BY: GWS	DATE: 5/30/97
RD0087	
Sheet 3 of 7	

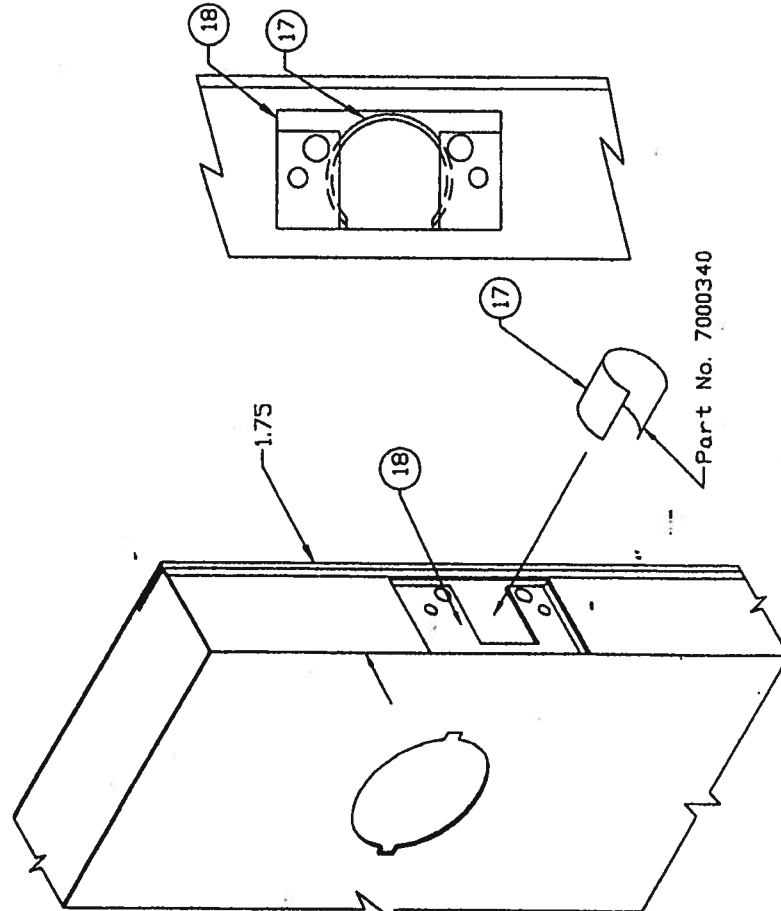


Interlocking Fold Over Tab



Frame Head

Frame Jamb



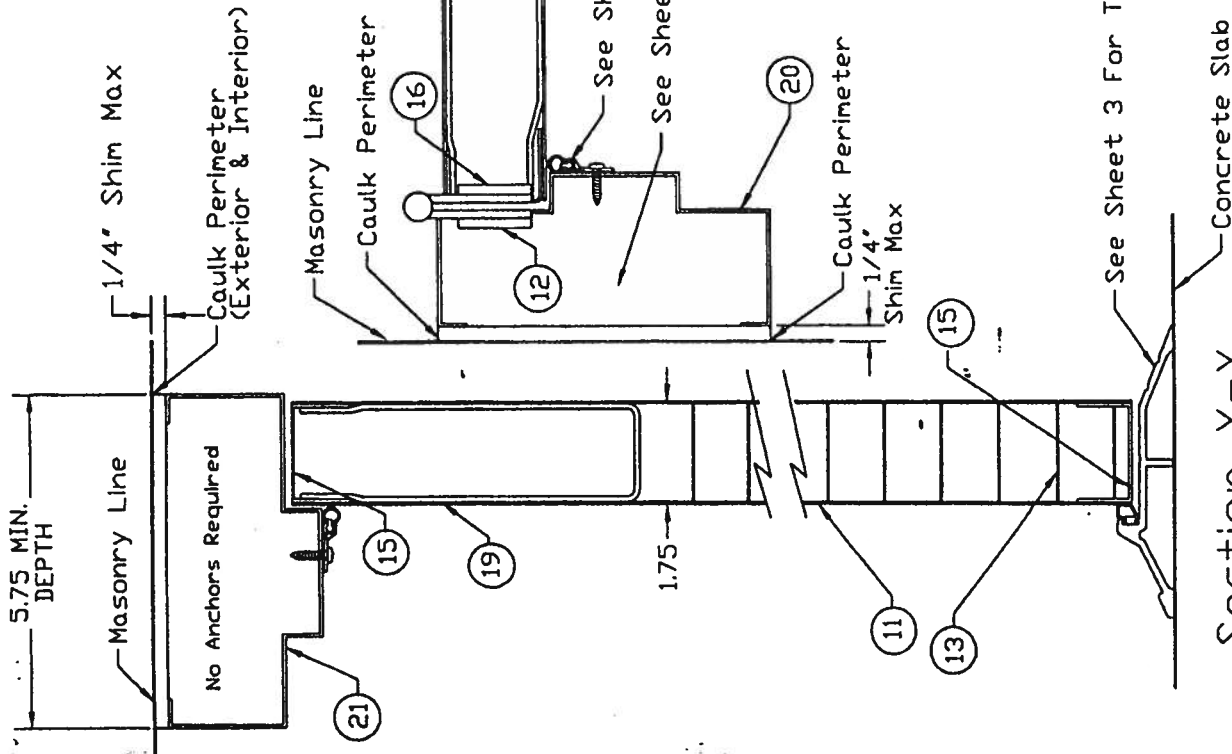
Note: 1. For Cylindrical Lock Only
2. See Sheet 7 For Bill Of Material

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 03-0411-01
Expiration Date 2008-12-31
By M. M. M. M.
Chief Design Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE June 08-2-09
BY M. M. M. M.
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 20-0341-03

2/2/09	Revised Format, Transferred Information from MOA
7/2/07	Revised Sheet Number
ISSUE	REVISIONS
DRAWN BY: GWS	DATE: 6/06/97
DRAWING NUMBER: RD0087	Sheet 4 of 7

MATERIAL SPECIFICATIONS:	Cylindrical Lock Reinforcement and "SF" Series Frame Corner Installation Details
	CECO DOOR PRODUCTS Milan, Tennessee 38358



Section X-X

Note: See Sheet 7 For Bill Of Material

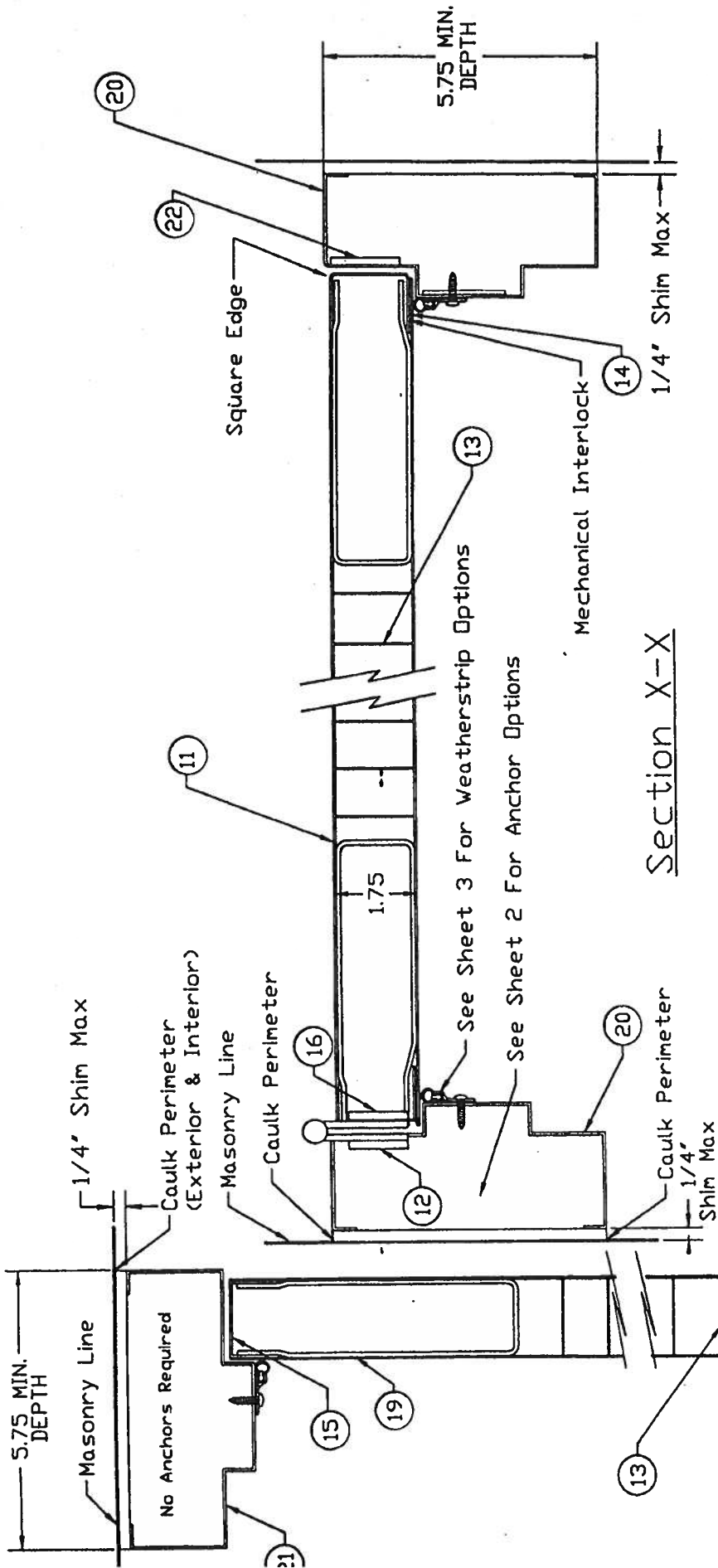
See Sheet 3 For Threshold Options

Section Y-Y

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 03-044-01
Expiration Date 03-14-2008
By: *Manuel Davis*
Nirxal/Perk Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: *May 08/2008*
BY: *Manuel Davis*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0315-03

MATERIAL SPECIFICATIONS:	Cross Section View Regent Door	CECO DOOR PRODUCTS Milan, Tennessee 38358	
Expiration Date: <u>Aug 14, 2008</u> By: <u>Michael Jones</u> Milan, Tenn: Product Control Division		7/22/97 GWS	Revised Sheet Number
		ISSUE	REVISIONS
		DRAWN BY: GWS	DATE: 5/30/97
		DRAWING NUMBER: RD0087	
		Sheet 5 of 7	



Section X-X

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE	
DATE: <u>Sept 29, 2000</u>	BY: <u>Michael J. GWS</u>
PRODUCT CONTROL DIV'S ON BUILDING CODE COMPLIANCE OFFICE	
ACCEPTANCE NO. <u>20-034503</u>	
7/22/97	7/22/97
ISSUE	ISSUE
REVISIONS	REVISIONS
DRAWN BY: <u>GWS</u>	DATE: <u>5/30/97</u>
DRAWING NUMBER: <u>RDO087</u>	
Sheet 6 of 7	

Note: See Sheet 7 For Bill Of Material

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-041.01
Expiration Date 2015.12.30.08
By: Michael J. GWS
Atlantic Asia Product Control
Division

See Sheet 3 For Threshold Options

Section Y-Y

MATERIAL SPECIFICATIONS:	
Cross Section View	
Omega Door	
CECO DOOR PRODUCTS Milan, Tennessee 38358	

ITEM QTY	DESCRIPTION	MATERIAL	SIZE
1	SCHLAGE SERIES A53PD GRADE 2, LATCH LOCK, SINGLE LEVER OR KNOB OPERATED		
2	MARKS SERIES 170AB GRADE 2, LATCH LOCK, INSIDE/OUTSIDE LEVER OPERATED		
3	YALE SERIES A533070 GRADE 2 LATCH LOCK, SINGLE LEVER OR KNOB OPERATED.		
4	CAULK FOR INSTALLATION AND WEATHERSTRIP ADAPTER SCREWS FRAME PERIMETER (INSIDE & OUT) AND FRAME SILL CORNERS	GE SILICONE HOUSEHOLD SEALANT	
5	NATIONAL GUARD #803S		
6	PERKO #200SAV		
7	PERKO #180JAV		
8	1 ROW WEATHERSTRIP ADAPTER WITH A SILICON (TMD) BULB INSERT		
9	1 ROW NATIONAL GUARD #130NA 1-1/4" WIDE X 0.188" SURFACE APPLIED EXTRUDED ALUMINUM WEATHERSTRIP ADAPT. WITH A FOAM INSERT		
10	3 HAGAR BB1279, 4-1/2" X 4-1/2" X .0134" THICK STEEL HINGE EACH ATTACHED WITH EIGHT #12-24 X 1/2" FH HS		
11	1 FACE SHEET CONFORMING TO ASTM A366 AND ASTM-A568	COMMERCIAL QUALITY COLD ROLLED STEEL MINIMUM YIELD STR. OF Fy=36,000 psi	18 GAUGE .0042" MIN. THICK 1-1/4" X 9" X 7 GA.
12	3 HINGE REINFORCING PLATE PLATE SPOT WELDED TO FRAME	STEEL	
13	1 JAMB AT EACH HINGE LOCATION	PHENOLIC RESIN-IMPREGNATED KRAFT PAPER	1-1/8" CELL
14	1 CORE FULL HONEYCOMB CORE PERMANENTLY BONDED TO THE INSIDE OF EACH FACE SKIN WITH NON-FLAMMABLE ADHESIVE		
15	1 BENTLEX 3500 STRUCTURAL ADHESIVE EPOXY		
16	3 ROLL FORMED STEEL CHANNEL ON THE TOP AND BOTTOM OF THE DOOR SPOT WELDED TO EXTERIOR AND GLUED TO INTERIOR SKIN		1" X 1-3/4" X 1" X 16 GA. .0053" MIN
17	1 DOOR HINGE REINFORCEMENT	28 GA. GALV. STEEL	1-1/4" X 9" X 7 GA. .015" THICK X 1.313 INSIDE DIAMETER 16 GA. 12 GA. .0093"
18	1 DOOR LATCH REINFORCEMENT	STEEL	
19	1 DOOR CLOSER REINFORCEMENT, ROLLED FORM CHANNELS TACK WELDED TO DOOR END CHANNELS		
20	2 SERIES "SF", FRAME JAMB, DOUBLE RABBIT PROFILE FACE SHEET CONFORMING TO ASTM A366 AND ASTM-A653	16 GA. (.0053" MIN) STEEL	2" FACE, 5-3/4" DEPTH MIN.
21	1 SERIES "SF", FRAME HEAD, DOUBLE RABBIT PROFILE FACE SHEET, CONFORMING TO ASTM A366 AND ASTM-A653	COMMERCIAL QUALITY COLD ROLLED STEEL MINIMUM YIELD STR. OF Fy=40,000 psi	2" FACE, 5-3/4" DEPTH MIN.
22	1 JAMB LOCK STRIKE REINFORCING PLATE	STEEL	1-1/8" X 2-1/2" X 12 GA.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE <u>June 08, 2000</u> BY <u>Michael J. Davis</u> PRODUCT COMPLIANCE DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. <u>00-03-N-03</u>		2.1.1.1 Revised Formwork, Transferred Information from NCA 2.1.1.2 Revised Sheet Number 2.1.1.3
PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. <u>03-041-01</u> Expiration Date <u>06/14/2008</u> By <u>Michael J. Davis</u> Division		REVISIONS DRAWN BY: <u>GWS</u> DATE: <u>6/02/97</u> DRAWING NUMBER: <u>RD0087</u> Sheet 7 of 7
MATERIAL SPECIFICATIONS: 3-0 x 7-0 Series Bill Of Materials  CECO DOOR PRODUCTS Milen, Tennessee 38358		



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Ceco Door Products
9159 Telecom Drive
Milan, TN 38358**

In Swing

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: The Ceco Series Single Flush / Embossed Inswing Commercial Steel Doors -Impact

APPROVAL DOCUMENT: Drawing No RD0728, titled "3-0 x 7-0, Series Regent, Omega, Imperial, Versa door", prepared by manufacturer, sheets 1 through 9 of 9 dated 05/22/02 and latest revised on 10-10-02, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

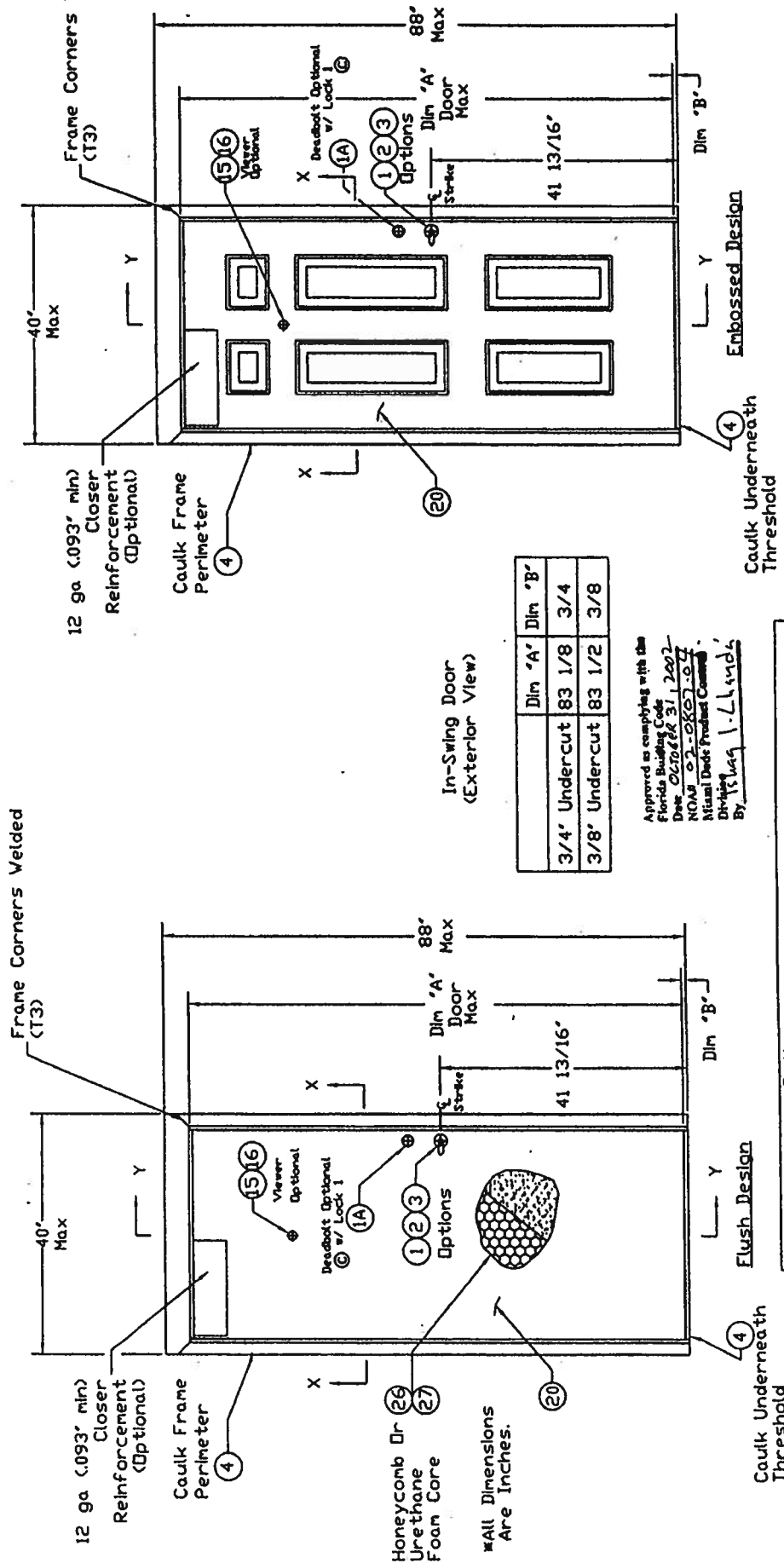
This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



**NOA No 02-0807.04
Expiration Date: October 31, 2007
Approval Date: October 31, 2002
Page 1**

Frame Corners Welded (T3)



In-Swing Door
(Exterior View)

Flush Design

Design Pressure Rating		
Where Water Infiltration Requirement Is Needed	Where Water Infiltration Requirement Is Not Needed	
Positive	Not Approved	+70 PSF
Negative	Not Approved	-70 PSF

Sheet 2	Frame Anchor Installation
Sheet 3	Threshold Installation
Sheet 3	Weatherstrip Installation
Sheet 4	Door Latch Reinforcement
Sheet 5-8	Cross Section View
Sheet 9	Bill Of Material

Notes:

- 1) In-swing Not Approved For Water Infiltration
- 2) This Door Does Not Need A Hurricane Protection System
- 3) Hinge Spacing Is 33" O.C., 13' From Top Of Frame & 9' From The Bottom.

MATERIAL SPECIFICATIONS:

Finish: Rust Inhibitive Primer

3-0 x 7-0 Series
 Regent, Omega, Imperial, & Versadoor
 In-Swing Elevation Drawing

CECO DOOR PRODUCTS

Milan, Tennessee 38558

REVISIONS

ISSUE	DATE	REVISIONS
9	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
10	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
11	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
12	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
13	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
14	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
15	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
16	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
17	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
18	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
19	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
20	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
21	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
22	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
23	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
24	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
25	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
26	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
27	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
28	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
29	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
30	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
31	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
32	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
33	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
34	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
35	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
36	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
37	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
38	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
39	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
40	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
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43	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
44	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
45	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
46	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
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61	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
62	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
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64	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
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67	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
68	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
69	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
70	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
71	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
72	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
73	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
74	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
75	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
76	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
77	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
78	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
79	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
80	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
81	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
82	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
83	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
84	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
85	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
86	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
87	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
88	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
89	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
90	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
91	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
92	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
93	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
94	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
95	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
96	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
97	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
98	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
99	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.
100	10/10/02	Revised Per Marked-Up Drawings From Ishag Chanda.

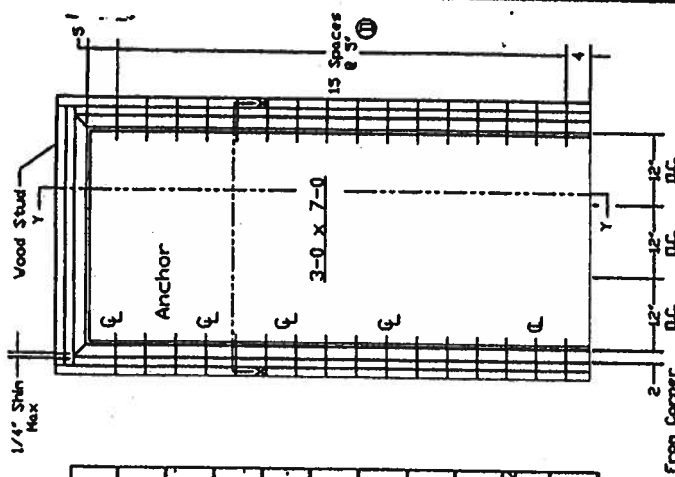
RD0728
 Sheet 1 of 9

MIN. 3500 PSI

Min 3500 PSI

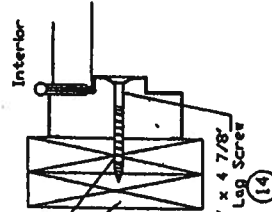
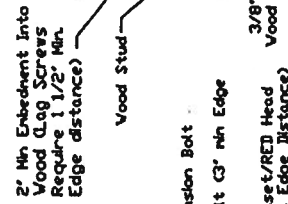
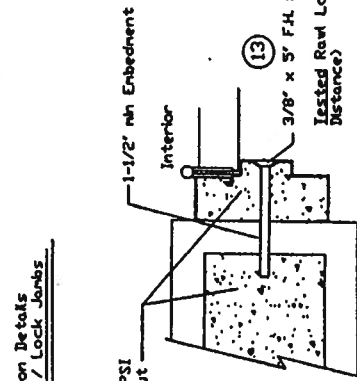
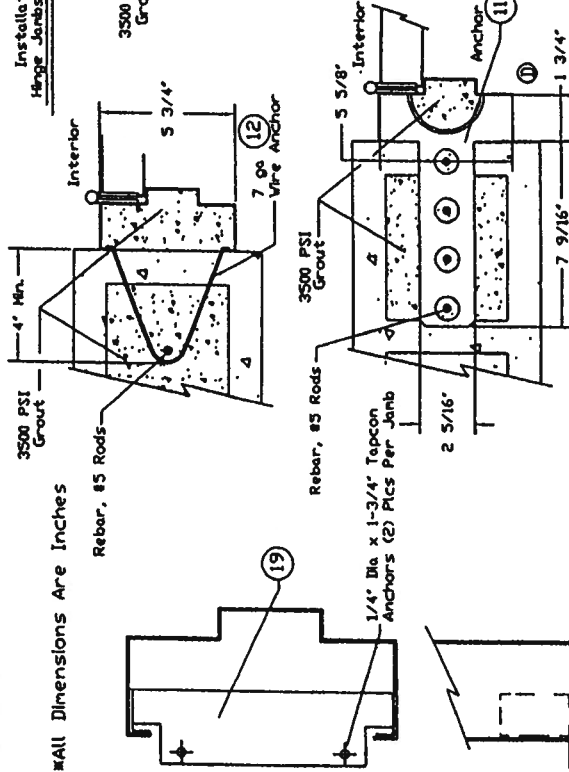
Min 3500 PSI

Min 3500 PSI



Installation Details

Hinge Jamb / Lock Jamb



Approved as complying with the
Florida Building Code
Date 06T 31 2002
NON 02-0207-04
Miami Dade Product Control
Divisions
By Sgt. J. Chaudh

A wawa LI	Revised Per Marked -Up Drawings From Ishaq Chando.
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ISSUE	REVISIONS
DRAWN BY: LT	DATE: 5/22/02
DRAWING NUMBER:	

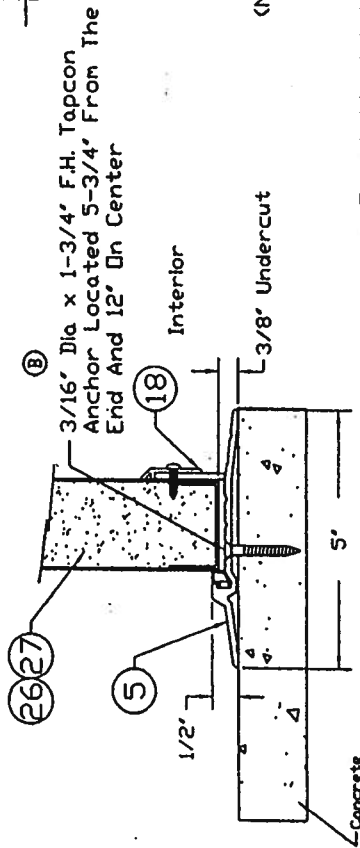
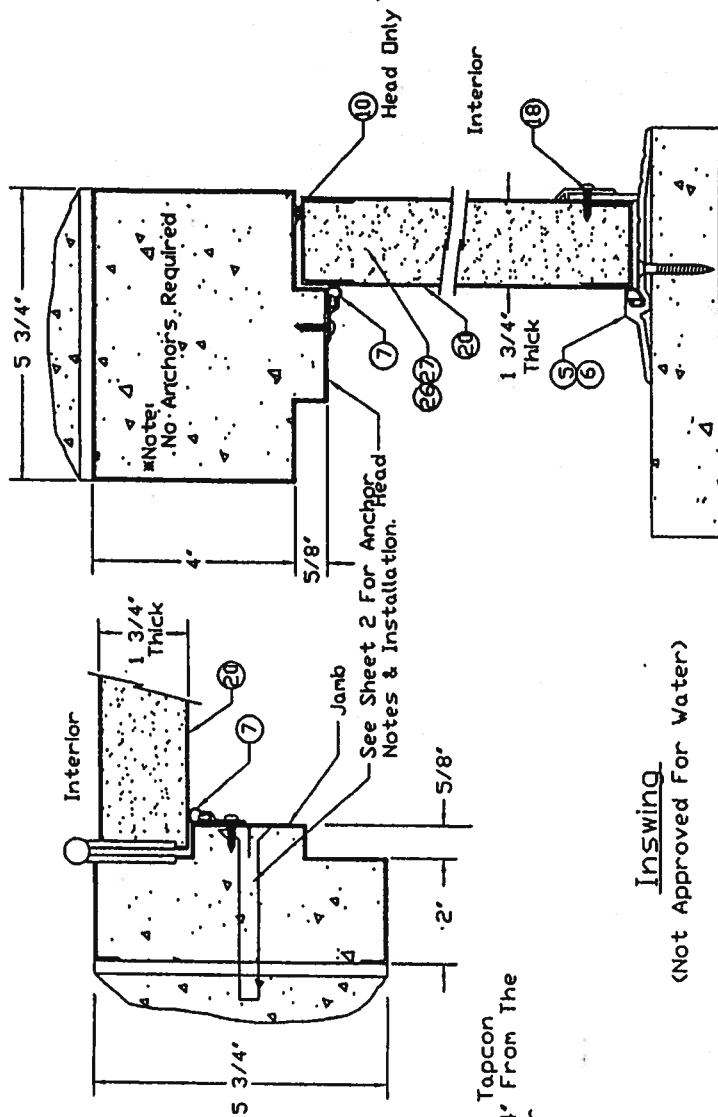
RD0728

ॐ

Frame Anchor (Inswing Doors) Regent, Omega, Imperial & Versadoor Installation Details

CECO DOOR PRODUCTS
Milan, Tennessee 38358

Note: Structural Member At Header Must Be Designed To carry 58.3#/ft. load Imposed And Must Be Reviewed By Building Official.

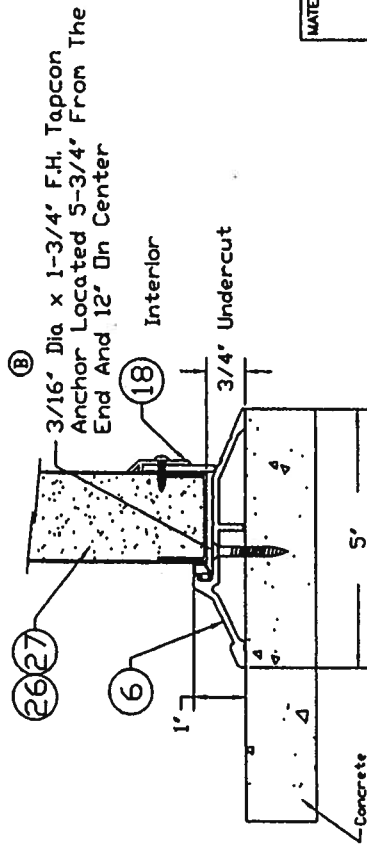


Threshold: Penko 2005AV

Note: Thresholds Not Approved For Water.

Inswing
(Not Approved For Water)

Section Y-Y



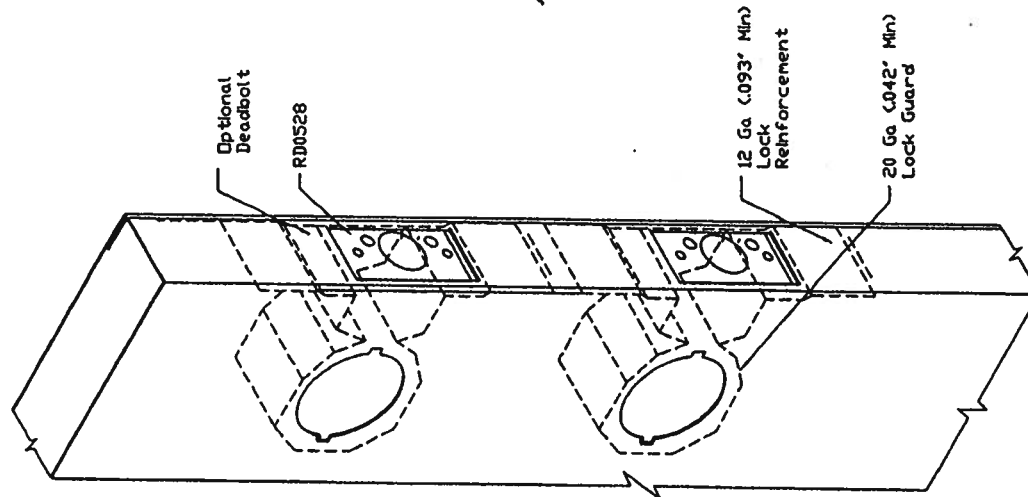
Threshold: Penko 181AY

Approved as complying with the Florida Building Code
Date: OCT 31, 2002
NOAF: 02-030702
Miami Dade Product Control
Division
By: [Signature]

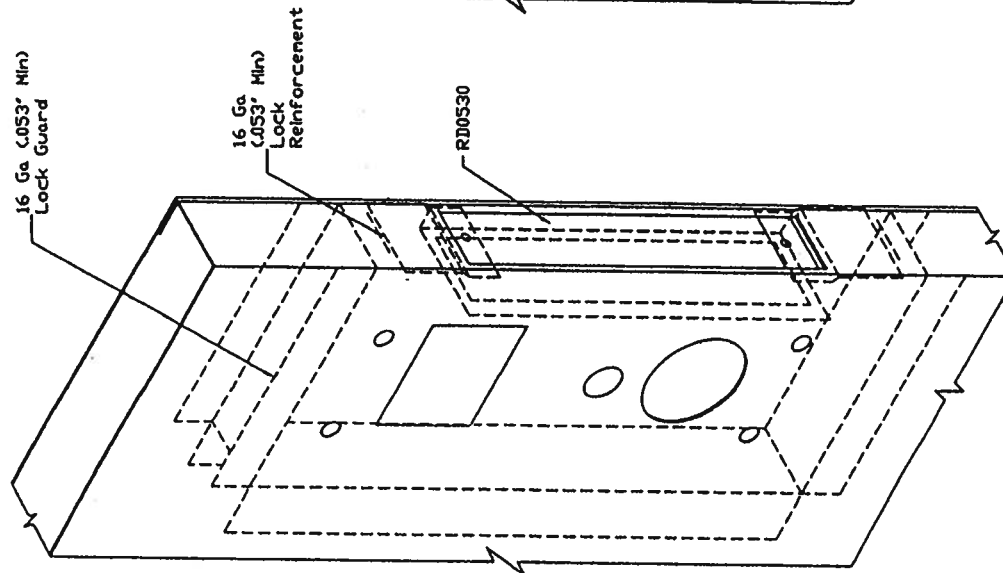
REVISIONS	DATE
D Revised Per Marked-Up Drawings From Ishag Chanda	5/22/02
C Revised Per Marked-Up Drawings From Ishag Chanda	
LT	
ISSUE	
DRAWN BY: LT	
RD0728	
Sheet 3 of 9	

Threshold & Weatherstrip (Inswing Doors)
Regent, Omega, Imperial, Versadoor
Installation Details

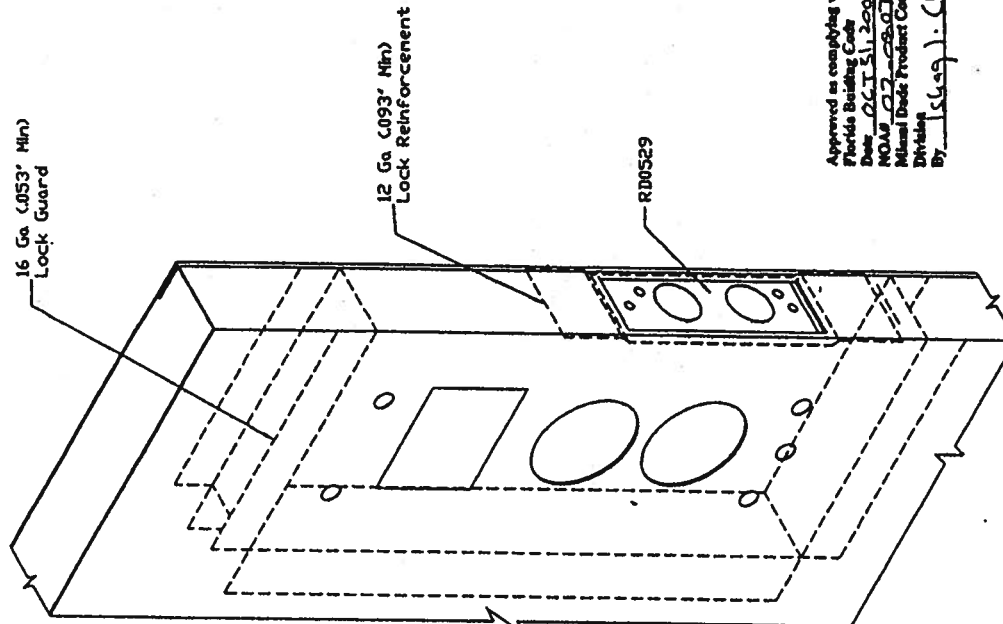
CECO DOOR PRODUCTS
Milan, Tennessee 38358



Schlage AL53PD



Saflok MT



Saflok Premier SL2500

Approved as complying with the
Florida Building Code
Date: 06/11/2002
RD0528 RD0529 RD0530
Mitsui Door Product Central
Division
By: [Signature]

MATERIAL SPECIFICATIONS:

Lock Reinforcement (Inswing Doors)
Regent, Omega, Imperial, Versadoor
Reinforcement Details

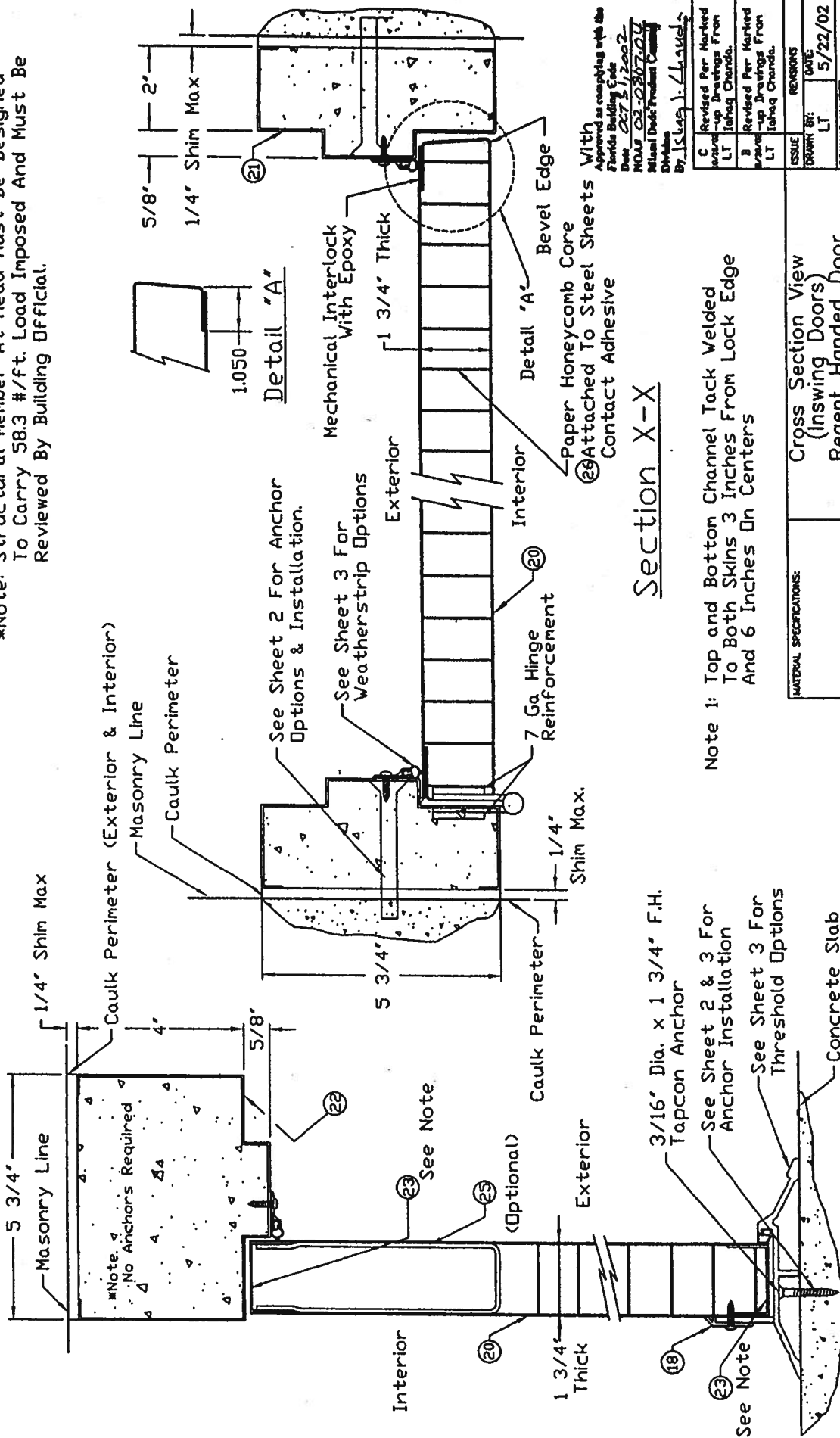
 CECO DOOR PRODUCTS
Milan, Tennessee 38358

A 14444 RD0528, RD0529 &
RD0530
LT

ISSUE
DRAWN BY: LT
DATE: 5/28/02
REVISIONS

DRAWING NUMBER:
RD0728
Sheet 4 of 9

*Note: Structural Member At Head Must Be Designed To Carry 58.3 #/ft. Load Imposed And Must Be Reviewed By Building Official.



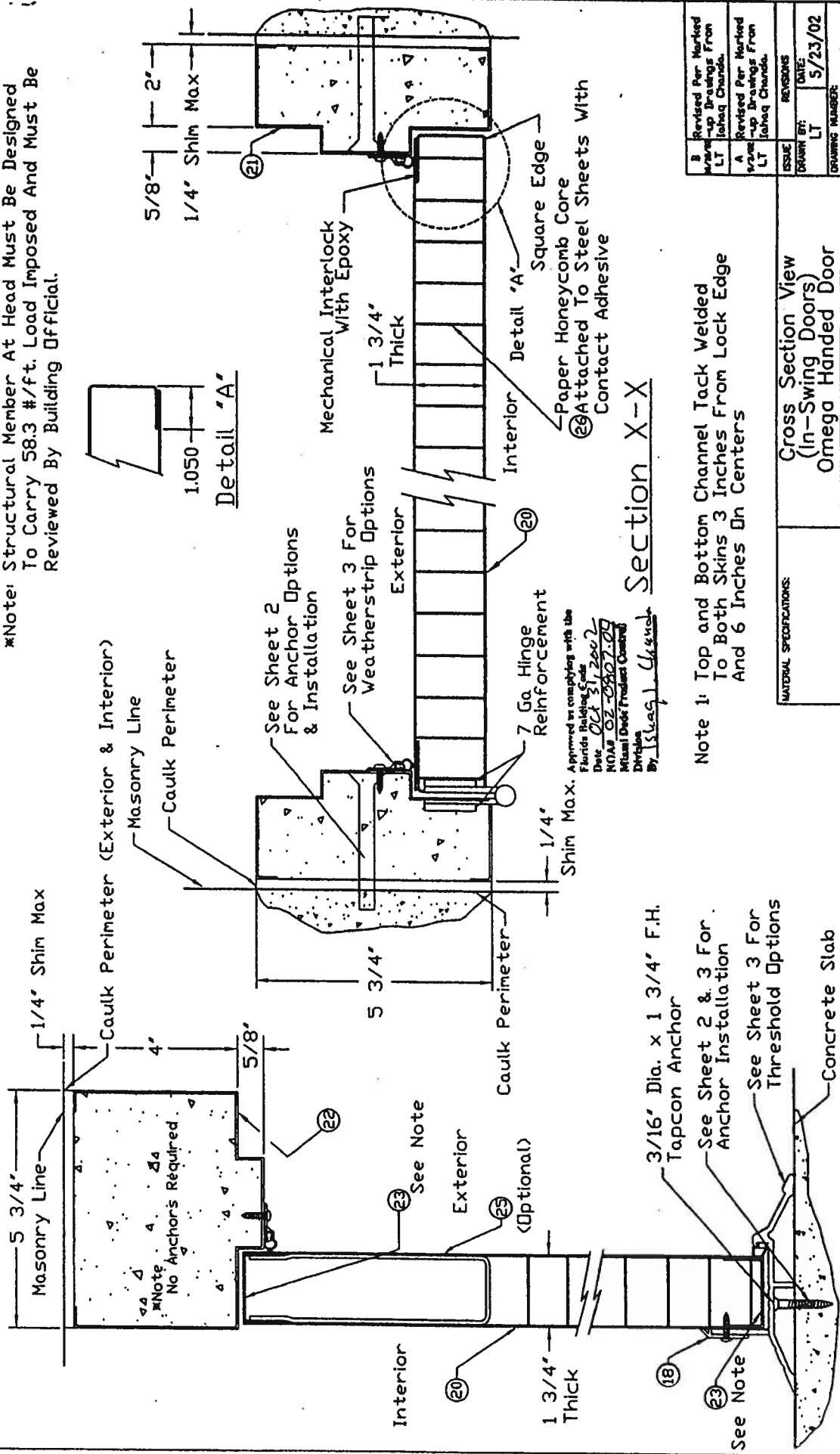
Note 1: Top and Bottom Channel Tack Welded To Both Skins 3 Inches From Lock Edge And 6 Inches On Centers

Approved as complying with the Florida Building Code
 Date: 02/22/02
 NOAH 02-0307-02
 Miami Trade Product Company
 Division
 By: J. Laguerre

C	Revised Per Marked
LT	Drawings From
B	Revised Per Marked
LT	Drawings From
ISSUE	REVISIONS
DATE	DATE
LT	LT
5/22/02	5/22/02
DRIVING NUMBER	RD0728
SHEET 5 OF 9	

MATERIAL SPECIFICATIONS:	Cross Section View (Inswing Doors)
	Regent Handed Door
	CECO DOOR PRODUCTS
	Milan, Tennessee 38358

*Note: Structural Member At Head Must Be Designed To Carry 58.3 #/ft. Load Imposed And Must Be Reviewed By Building Official.



B	Revised Per Marked w/rev-up Drawings From LT Jahaq Chanda.
A	Revised Per Marked w/rev-up Drawings From LT Jahaq Chanda.
ISSUE	REVISIONS
DRAWN BY: LT	DATE: 5/23/02
DRAWING NUMBER	RD0728
	Sheet 6 of 9

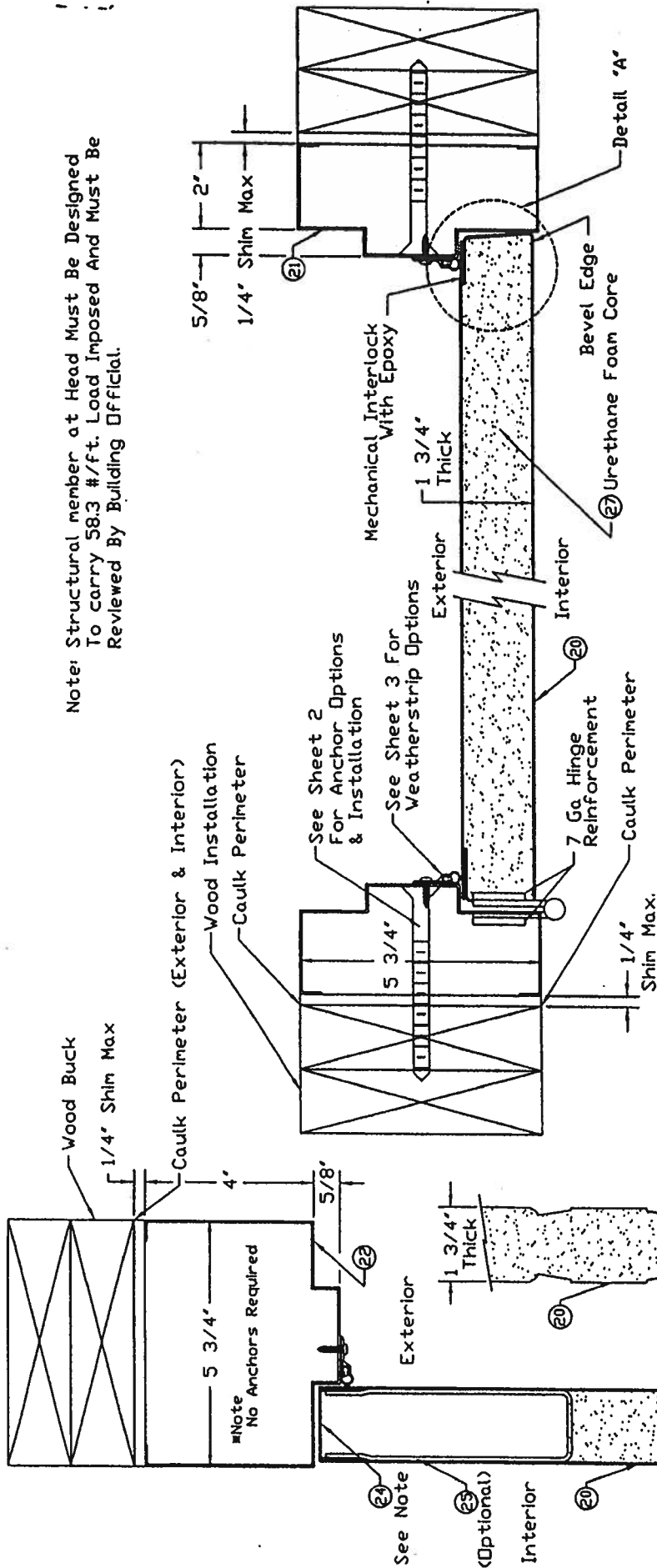
MATERIAL SPECIFICATIONS:	Cross Section View (In-Swing Doors) Omega Handed Door
	CECO DOOR PRODUCTS Milan, Tennessee 38358

Note 1: Top and Bottom Channel Tack Welded To Both Skins 3 Inches From Lock Edge And 6 Inches On Centers

Section Y-Y

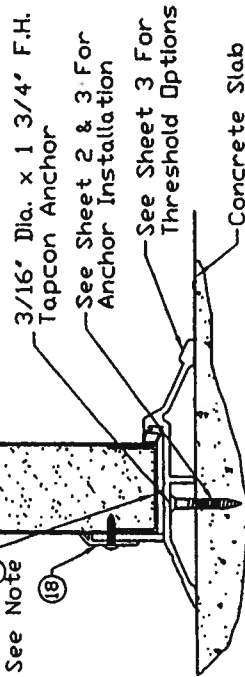
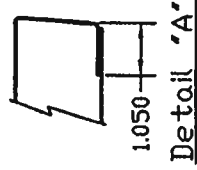
Section X-X

Note: Structural member at Head Must Be Designed To Carry 58.3 #/ft. Load Imposed And Must Be Reviewed By Building Official.



Section X-X

Note: Top & Bottom Channels Assembled Std Method To Skins With Spot Welds & Tape. Channels Are Then Tack Welded To Both Skins 3" From Lock Edge And 6 Inches On Center.



Section Y-Y

Cross Section View
(In-Swing Doors)
Imperial Handed Door

MATERIAL SPECIFICATIONS:

CECO DOOR PRODUCTS
Milan, Tennessee 38358

Approved as complying with the Florida Building Code
Date: OCT 11, 2002
NOA: 02-0807-04
Miscellaneous Product Center
Division
By: Skay, J. Chavala

8	Revised Per Market-Place Up Drawings From L.T.	DATE	5/23/02
ISSUE	LT	REVISIONS	
DRAWING NUMBER	RD0728		
SHEET	7 of 9		

Section X-X

Wood Buck
1/4" Shim Max
Caulk Perimeter (Exterior & Interior)
Wood Installation
Caulk Perimeter
5 3/4"
See Sheet 2 For Anchor Options & Installation
See Sheet 3 For Weatherstrip Options
Exterior
Interior
7 Ga Hinge Reinforcement
Caulk Perimeter
1/4" Shim Max.
Mechanical Interlock With Epoxy
1 3/4" Thick
Urethane Foam Core
Bevel Edge
Detail 'A'

Section Y-Y

5 3/4"
Note: No Anchors Required
Exterior
Interior
1 3/4" Thick
Embossed Skins Optional
3/16" Dia. x 1 3/4" F.H. Tapcon Anchor
See Sheet 2 & 3 For Anchor Installation
See Sheet 3 For Threshold Options
Concrete Slab

Section X-X Note: Top & Bottom Channels Assembled Std Method To Skins With Spot Welds & Tape. Channels Are Then Tack Welded To Both Skins 3" From Lock Edge And 6 Inches On Center.

Section Y-Y Note: See Sheet 3 For Threshold Options

Note: Top & Bottom Channels Assembled Std Method To Skins With Spot Welds & Tape. Channels Are Then Tack Welded To Both Skins 3" From Lock Edge And 6 Inches On Center.

Section X-X

Section Y-Y

MATERIAL SPECIFICATIONS:

Cross Section View
(In-Swing Doors)
Versadoor Handed Door

CECO DOOR PRODUCTS
Mem, Tennessee 38358

Approved as complying with the
Florida Building Code
Date OCT 31, 2002
NOAH 02-0807-01
Miami Dade Product Control
Division
By [Signature]

B wine LT	Revised Per Marked- Up Drawings From Isting Chanda.
-----------------	---

ISSUE	REVISIONS
DRAWN BY: LT	DATE: 5/23/02

DRAWING NUMBER:
RD0728
Sheet 8 of 9

1

1	Cylindrical Lock & Lock Reinforcement (RD0528)	Schlage	AL53PD
1A	Deadbolt (Optional) ①	Schlage	B100
2	Dr Cylindrical Lock & Lock Reinforcement	Saflok	Premier SL2500
3	Dr Mortise Lock	Saflok	MT
4	Caulk	Dow Corning	859 Silicone Glazing Sealant
5	Threshold	Penko	2005AV36
6	Dr	Penko	181AV36
7	Weatherstrip	Penko	303AV3684
8	Hinge (Ball Bearing)	Hager or Equal (Attached w/ (8) #12-24 x 1/2 HS Per Hinge)	4-1/2 x 4-1/2 x .134 (Std Weight)
9	Dr (Spring)	Hager or Equal (Attached w/ (8) #12-24 x 1/2 HS Per Hinge)	4-1/2 x 4-1/2 x .134 (Std Weight)
10	Weatherstrip	Penko	S88
11	Frame Anchor	Masonry Tee (RD0057)	16 ga (.053' min) Galv Steel Fymin = 30ksi
12	Dr	Wire, Relaxed Dimension 9' x 8'	#7 (.167' min) Galv Steel Wire (70,000 - 90,000 psi Tensile Strength)
13	Dr	Expansion Bolt	3/8" x 5" F.H. Rawl Lok/Bolt Dr 3/8" x 5" F.H. Ramset/RED Head
14	Dr	Wood Lag Screw	3/8" x 4-5/8"
15	Viewer	Hager	1755
16	Dr	MAG Security	8724-C
17	Drip Cap Top	Penko	346
18	Sweep	Penko	315 N
19	Floor Anchor	Fixed Floor Anchor	16 ga (.053' min) galvanized Steel
20	Face Sheet A60 Galv Conforming To ASTM A653	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	16 Ga (.053' min)
21	Series SF, Frame Jamb, Double Rabbit Profile, A60 Galv Conforming To ASTM A653	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	2' Face, 5-3/4' Depth Min. (RD0033)
22	Series SF, Frame Head, Double Rabbit, Profile A60 Galv Conforming To ASTM A653	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	4' Face, 5-3/4' Depth Min. (RD0033)
23	Door Channels Spot Welded To Bottom Skin	16 Ga (.053' min) A60 Galv Conforming To ASTM A653	16 ga (.053' min) x 1' x 1-3/4' x 1'
24	Glued To Top Skin, Tack Welded To Both Door Channels Spot Welded To Bottom Skin	16 Ga (.053' min) A60 Galv Conforming To ASTM A653	16 ga (.053' min) x 1' x 1-3/4' x 1'
25	Taped To Top Skin, Tack Welded To Both Closer Reinforcement (Optional)	12 Ga (.093' min) CS Type B	12 ga (.093' min) x 5-3/8" x 16"
26	Honeycomb Core	Non-Imregnated Kraft Paper ⑥	1.2" Nominal Cell Size
27	Urethane Core	Foam Enterprises	2 lb/ft ³ Density

Approved as complying with the
Florida Building Code
Date: Oct 31, 2002
NOAH 02-0807-00
Milan Door Products Certified
Division
By 151429 J. C. L. C. L. C. L.

B		Revised Per Marked- Up Drawings From	
LT		Ishaq Chanda.	
A		Revised Per Marked- Up Drawings From	
LT		Ishaq Chanda.	
ISSUE		REVISIONS	
DRAWN BY:		DATE:	
LT		5/28/02	
DRAWING NUMBER:		RD0728	
Sheet 9 of 9			

MATERIAL SPECIFICATIONS:	3-0 x 7-0 Series
	In-Swing Bill Of Materials
	 CECO DOOR PRODUCTS Milan, Tennessee 38358

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

24353

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: John Morris Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 156 S.W. Thistledown Lane
Fort Worth, TX 76103
Thistledown Subd Lot 427
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill 12

Section 4: Treatment Information

Date(s) of Treatment(s) 5-1-06
Brand Name of Product(s) Used Exterminator
EPA Registration No. 53443-92
Approximate Final Mix Solution % 0.25%
Approximate Size of Treatment Area: Sq. ft. 2355 Linear ft. 207 Linear ft. of Masonry Voids 207
Approximate Total Gallons of Solution Applied 447
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) Steve Brannon Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Steve Brannon Date 5-1-06

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

COLUMBIA COUNTY OFFICIAL CERTIFICATE

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 34-6S-16-04056-127

Building permit No. 000024353

Use Classification SFD, UTILITY

Fire: 11.84

Permit Holder JOHN NORRIS

Waste: 0.00

Owner of Building IMAGE DEVELOPMENT GROUP

Total: 11.84

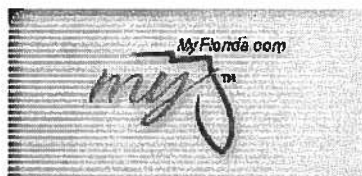
Location: 122 SW THISTLEWOOD LANE (THORNWOOD, LOT 28)

Date: 08/07/2006



Randy Jones City Clerk
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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07:05:33 AM

Licensee Details**Licensee Information**

Name: **NORRIS, JOHN DAVID (Primary Name)**
INDIVIDUAL (Alternate Name)
Main Address: **351 NW CORWIN GLN**
LAKE CITY, Florida 32055
Lic. Location: **WOODGLEN DRIVE**
LAKE CITY, FL 32055
Columbia

License Information

License Type: **Registered General Contractor**
Rank: **Reg General**
License Number: **RG0066597**
Status: **Current, Active**
Licensure Date: **06/20/1996**
Expires: **08/31/2005**

Special Qualifications

Effective Date

Bldg Code Core Course Credit

No Qualified Business License
Required

02/20/2004

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Job L157750	Truss CJ1	Truss Type MONO TRUSS	Qty 18	Ply 1	JOHN NORRIS-SIERRA
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Apr 03 10:53:45 2006 Page 1		

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.28	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.01	Vert(LL) -0.00 2 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.00 2 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 3 n/a n/a		
	Code FBC2004/TPI2002			Weight: 7 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 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

JOINT STRESS INDEX
 2 = 0.14

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=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 crushing capacity of 565.00 psi
 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

Job L157750	Truss CJ3	Truss Type MONO TRUSS	Qty 14	Ply 1	JOHN NORRIS-SIERRA Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Apr 03 10:53:46 2006 Page 1		

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TP12002	CSI TC 0.29 BC 0.08 WB 0.00 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) 0.01 2-4 >999 240 Vert(TL) 0.01 2-4 >999 180 Horz(TL) -0.00 3 n/a n/a	PLATES GRIP MT20 244/190 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

JOINT STRESS INDEX
2 = 0.13

NOTES
1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=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 crushing capacity of 565.00 psi
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 L157750	Truss CJ3T	Truss Type SPECIAL	Qty 4	Ply 1	JOHN NORRIS-SIERRA
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Apr 03 10:53:46 2006 Page 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	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.03	Vert(TL)	-0.01	6	>999		
BCLL 10.0	Rep Stress Incr YES	WB 0.01	Horz(TL)	-0.00	5	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.
--	--

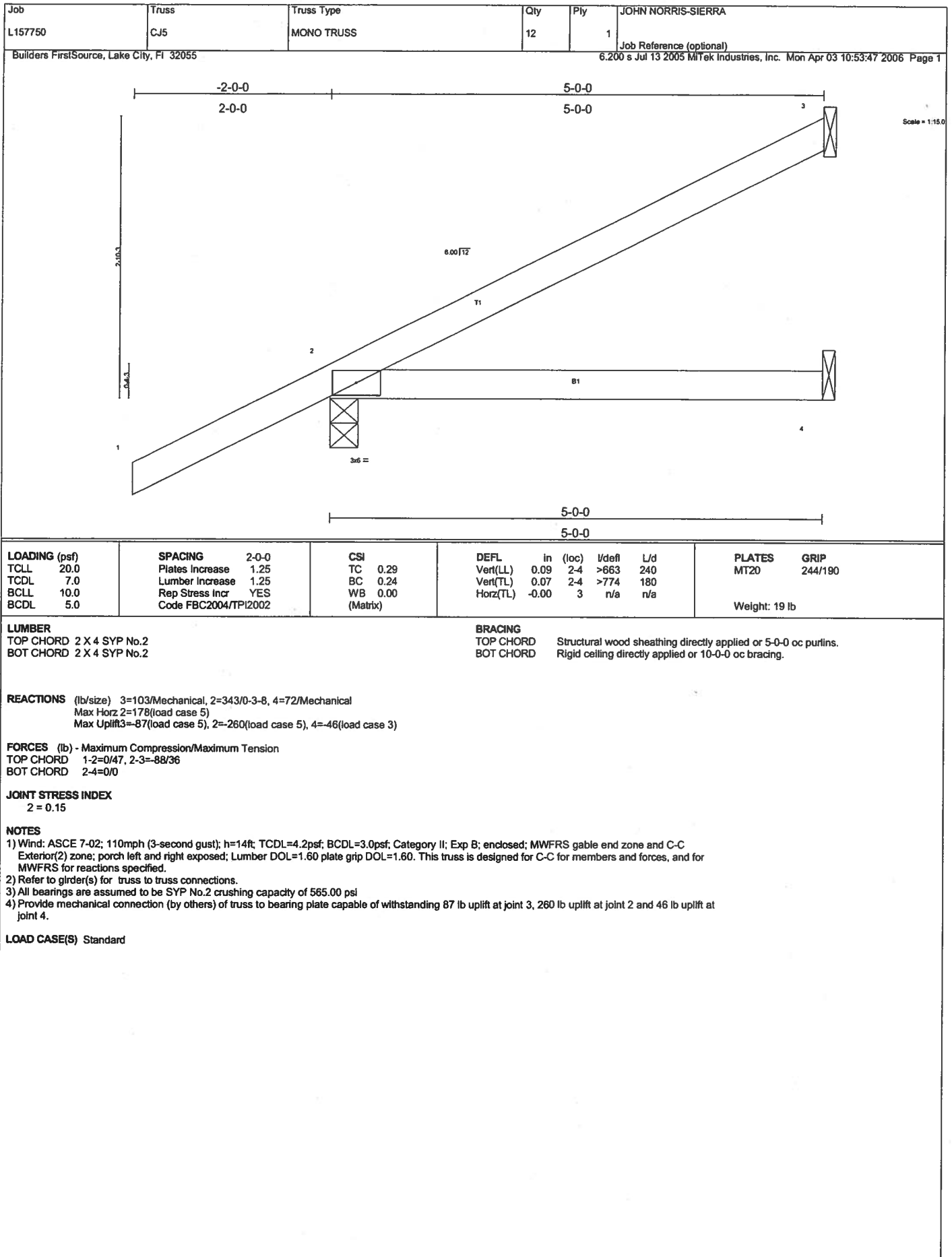
REACTIONS (lb/size) 4=63/Mechanical, 2=278/0-3-8, 5=10/Mechanical
 Max Horz 2=132(load case 5)
 Max Uplift 4=21(load case 6), 2=203(load case 5)

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=-4/4
 WEBS 3-6=0/42

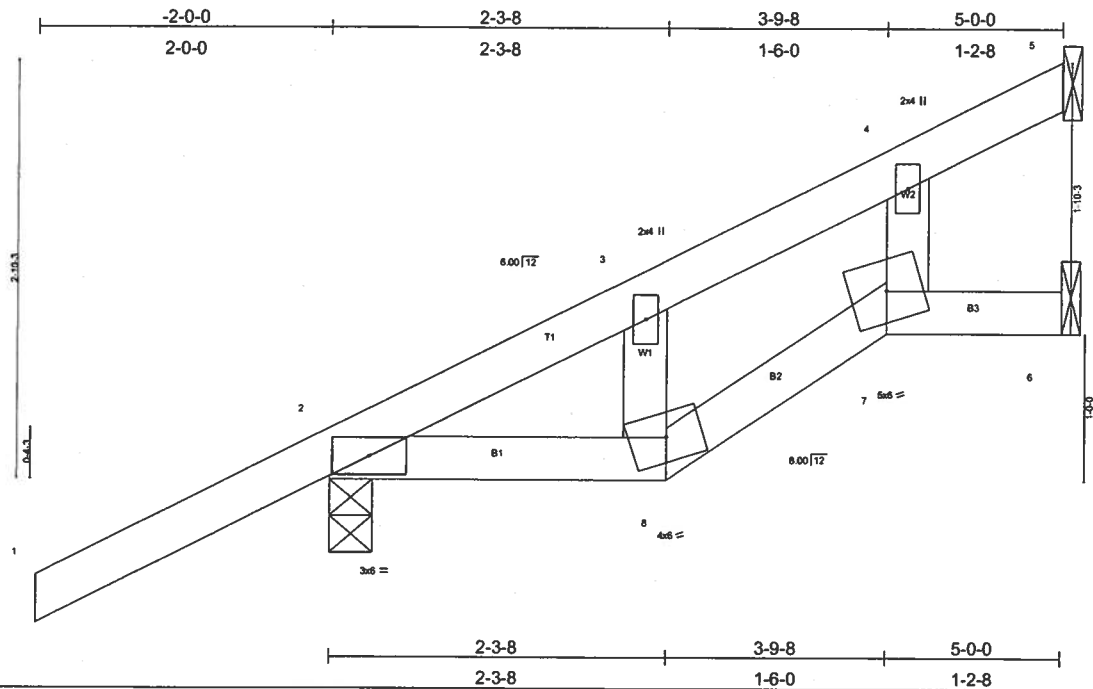
JOINT STRESS INDEX
 2 = 0.13, 3 = 0.03 and 6 = 0.02

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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 crushing capacity of 565.00 psi
 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 L157750	Truss CJ5T	Truss Type SPECIAL	Qty 4	Ply 1	JOHN NORRIS-SIERRA
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Apr 03 10:53:47 2006 Page 1		



Scale = 1:15.0

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.31	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.03	Vert(LL) 0.06 8 >886 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.02	Vert(TL) -0.10 8 >599 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.03 6 n/a n/a		
	Code FBC2004/TP12002			Weight: 22 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 5-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 5=158/Mechanical, 2=343/0-3-8, 6=17/Mechanical
 Max Horz 2=178(load case 5)
 Max Uplift 5=76(load case 5), 2=-199(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-94/0, 3-4=-77/17, 4-5=-65/68
 BOT CHORD 2-8=0/0, 7-8=-2/18, 6-7=0/0
 WEBS 3-8=0/51, 4-7=0/44

JOINT STRESS INDEX
 2 = 0.15, 3 = 0.04, 4 = 0.03, 7 = 0.01 and 8 = 0.03

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 76 lb uplift at joint 5 and 199 lb uplift at joint 2.

LOAD CASE(S) Standard

Job L157750	Truss EJ4	Truss Type JACK	Qty 7	Ply 1	JOHN NORRIS-SIERRA Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Apr 03 10:53:48 2006 Page 1		

Scale = 1:13.0

LOADING (psf) TCDL 20.0 TCCL 7.0 BCCL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.29 BC 0.15 WB 0.00 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) 0.03 2-4 >999 240 Vert(TL) 0.03 2-4 >999 180 Horz(TL) -0.00 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 16 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 4-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
---	---

REACTIONS (lb/size) 3=70/Mechanical, 2=308/0-3-8, 4=57/Mechanical
 Max Horz 2=155(load case 5)
 Max Uplift 3=54(load case 5), 2=-246(load case 5), 4=-36(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-63/23
 BOT CHORD 2-4=0/0

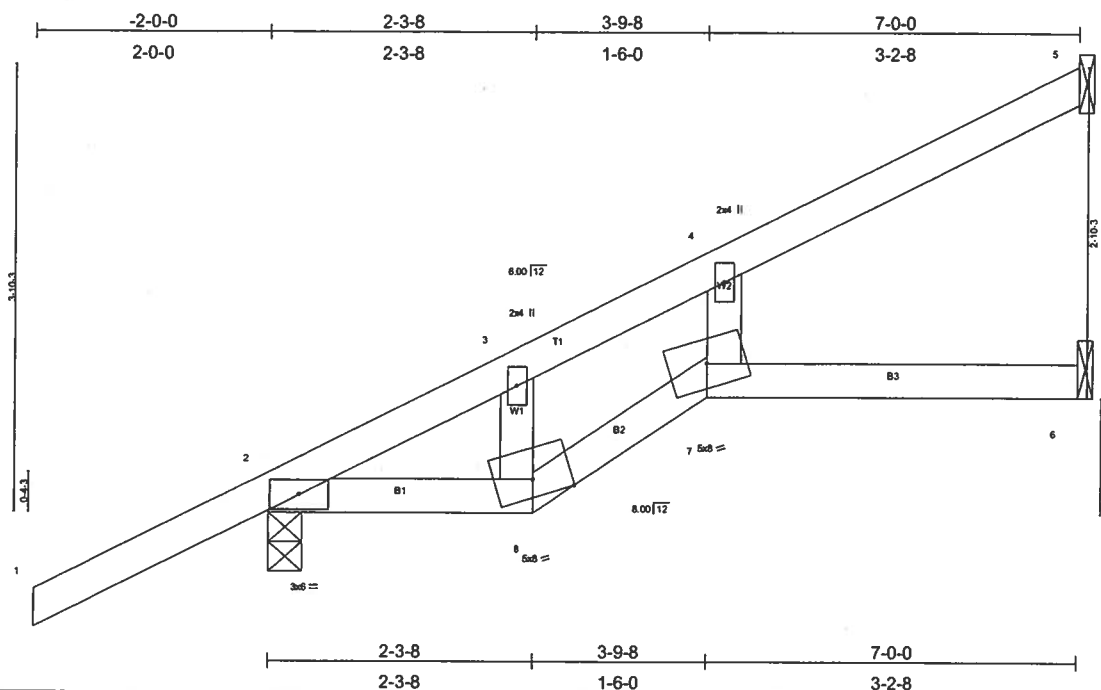
JOINT STRESS INDEX
 2 = 0.14

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCCL=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 crushing capacity of 565.00 psi
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 54 lb uplift at joint 3, 246 lb uplift at joint 2 and 36 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L157750	Truss EJ7T	Truss Type SPECIAL	Qty 2	Ply 1	JOHN NORRIS-SIERRA
Builders FirstSource, Lake City, FL 32055			Job Reference (optional)		

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LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES	GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.41	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.40	Vert(LL) 0.19 7-8 >435 240		
BCLL 10.0	Rep Stress Incr YES	WB 0.03	Vert(TL) -0.24 7-8 >335 180		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.03 6 n/a n/a		
				Weight: 29 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 5=157/Mechanical, 2=419/0-3-8, 6=110/Mechanical
 Max Horz 2=224(load case 5)
 Max Uplift 5=101(load case 5), 2=-210(load case 5), 6=-25(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-184/0, 3-4=-145/0, 4-5=-80/63
 BOT CHORD 2-8=0/11, 7-8=-7/32, 6-7=-0/0
 WEBS 3-8=-80/92, 4-7=0/101

JOINT STRESS INDEX
 2 = 0.59, 3 = 0.05, 4 = 0.05, 7 = 0.84 and 8 = 0.69

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 5, 210 lb uplift at joint 2 and 25 lb uplift at joint 6.

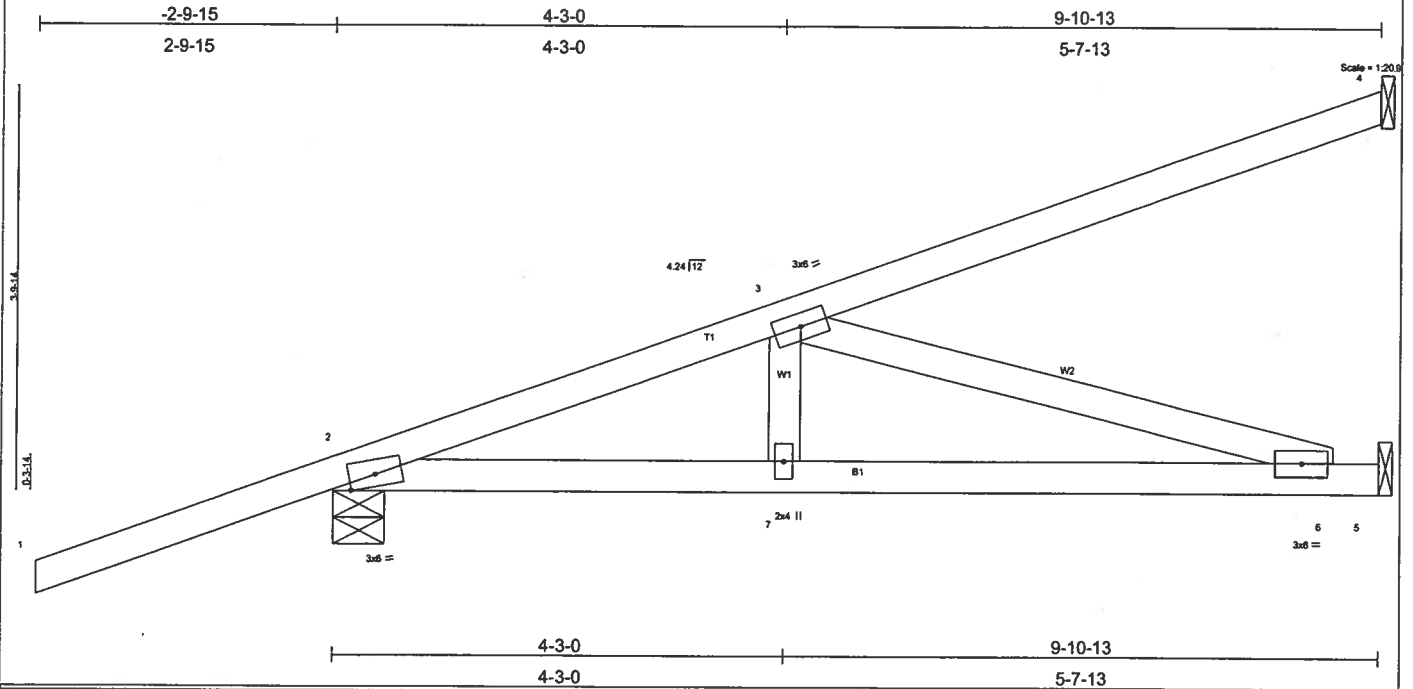
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	JOHN NORRIS-SIERRA
L157750	HJ9	MONO TRUSS	6	1	

Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.62	in (loc) l/defl L/d	MT20	244/190
TCCL 7.0	Plates Increase 1.25	BC 0.61	Vert(LL) -0.11 6-7 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.47	Vert(TL) -0.19 6-7 >623 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.01 5 n/a n/a		
	Code FBC2004/TPI2002			Weight: 45 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-11-9 oc bracing.

REACTIONS (lb/size) 4=270/Mechanical, 2=535/0-5-11, 5=374/Mechanical
 Max Horz 2=269(load case 2)
 Max Uplift 4=233(load case 2), 2=-401(load case 2), 5=-181(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/50, 2-3=-883/363, 3-4=-105/66
 BOT CHORD 2-7=-535/817, 6-7=-535/817, 5-6=0/0
 WEBS 3-7=-94/188, 3-6=-851/557

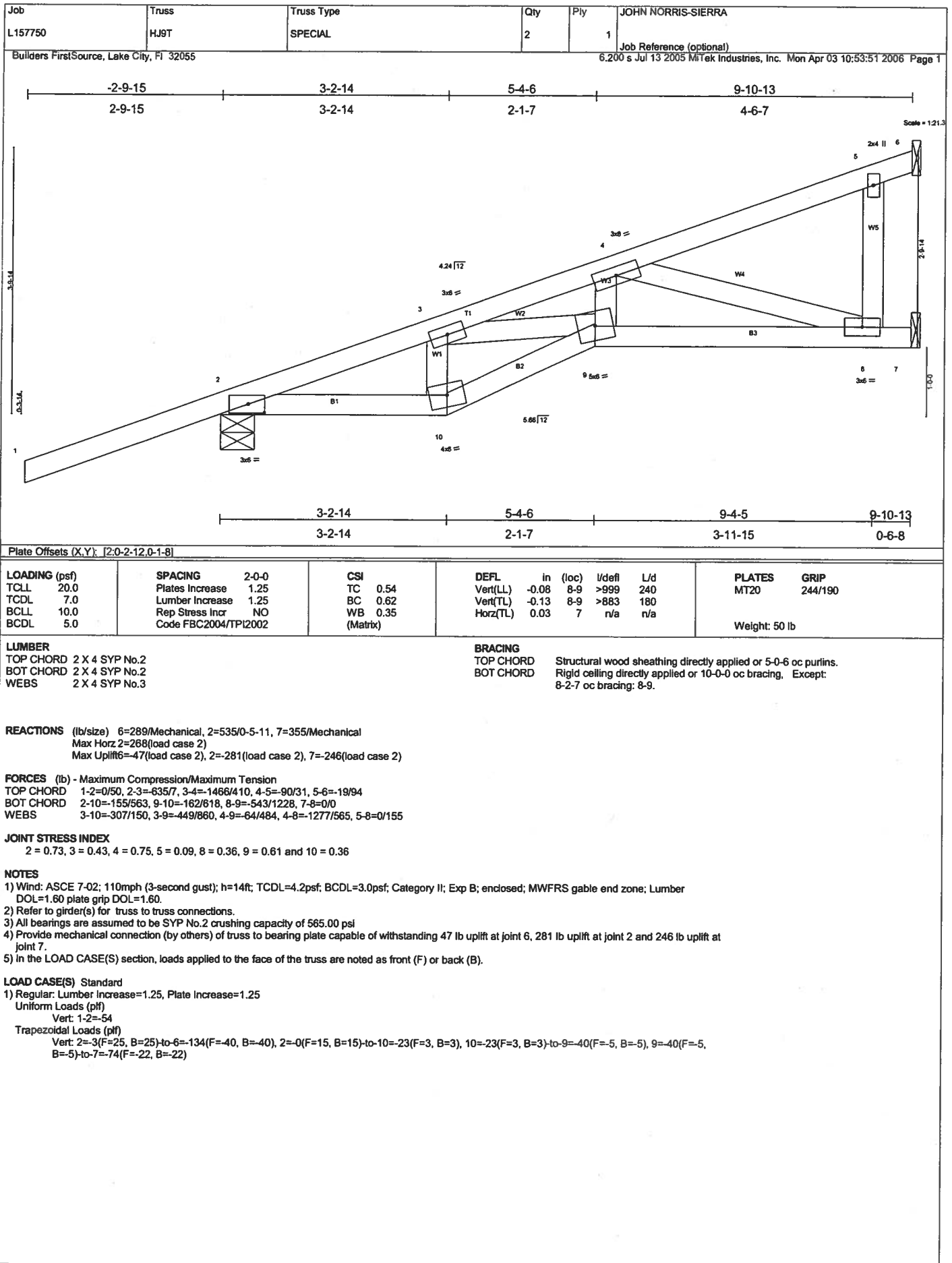
JOINT STRESS INDEX
 2 = 0.76, 3 = 0.23, 6 = 0.24 and 7 = 0.14

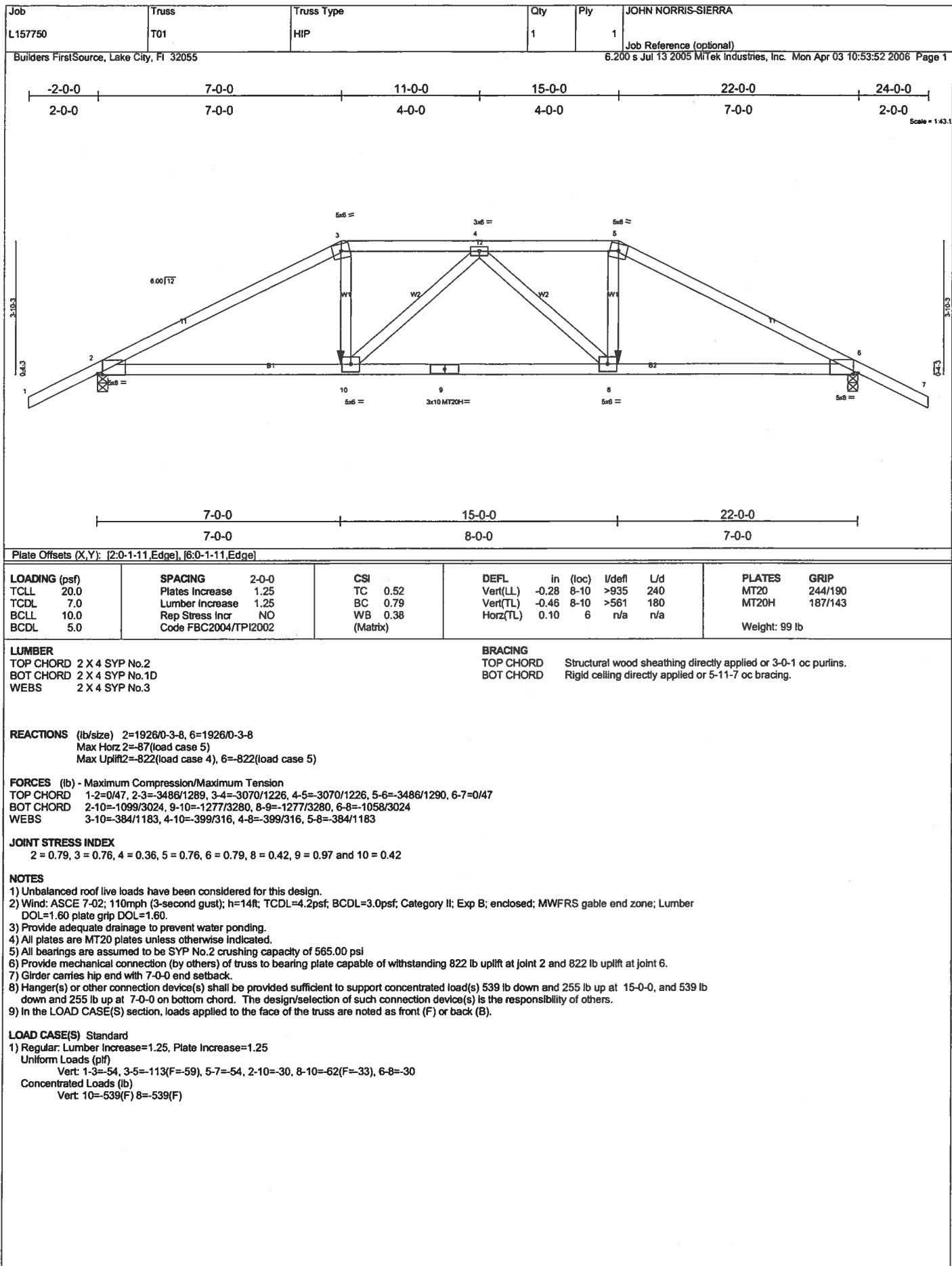
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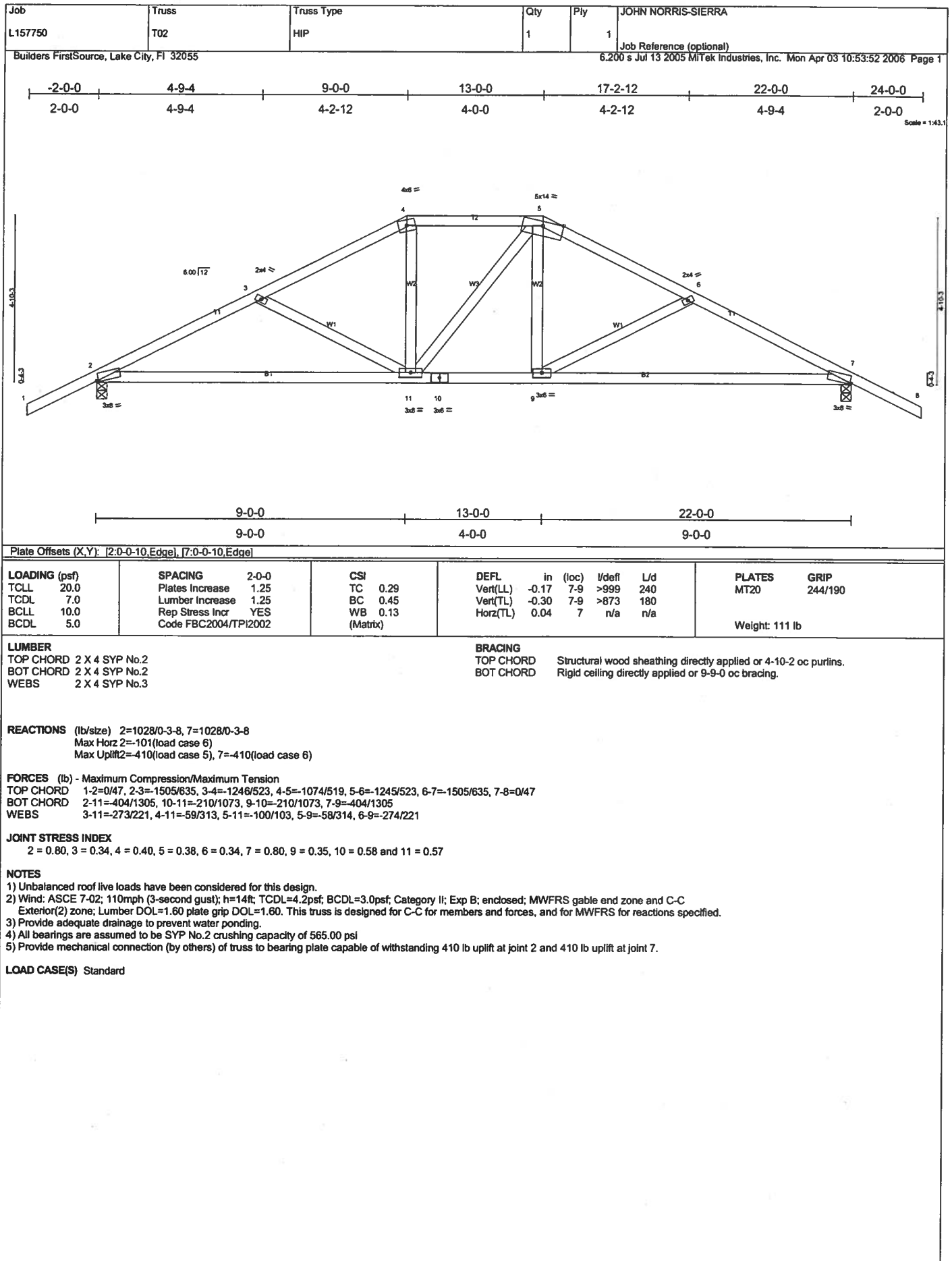
- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCCL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 233 lb uplift at joint 4, 401 lb uplift at joint 2 and 181 lb uplift at joint 5.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

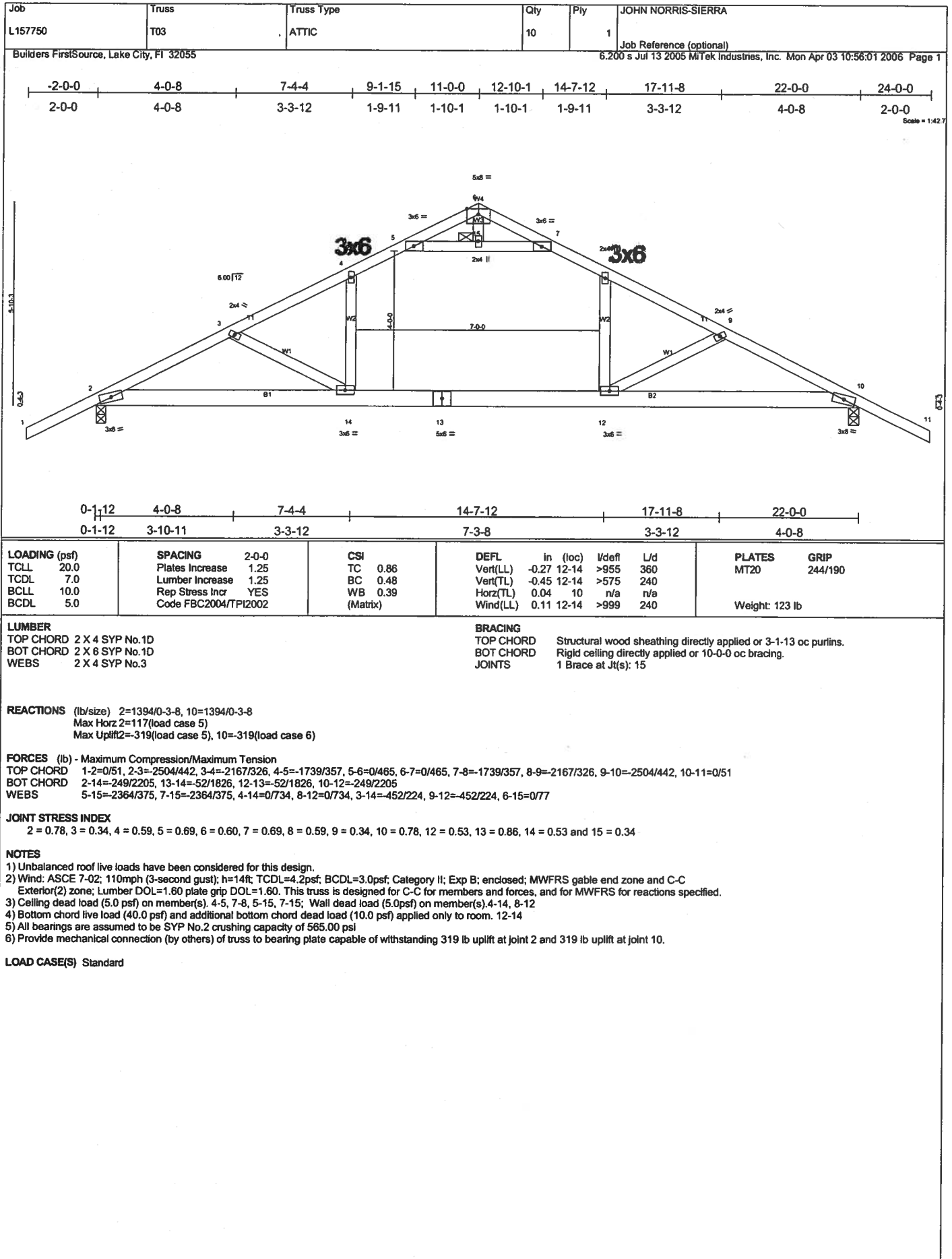
LOAD CASE(S) Standard

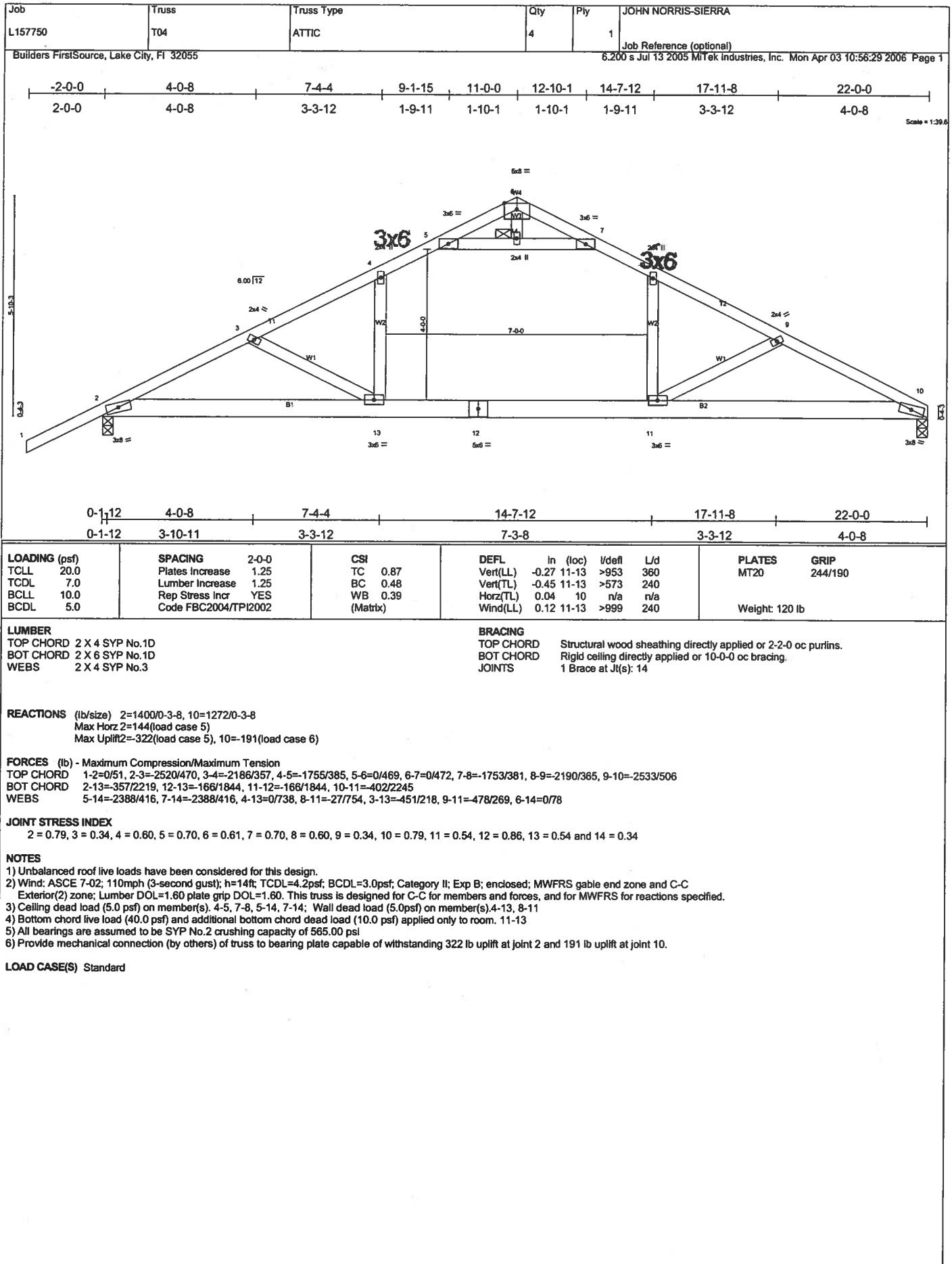
- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54
 Trapezoidal Loads (plf)
 Vert: 2=-3(F=25, B=25)-to-4=-134(F=-40, B=-40), 2=0(F=15, B=15)-to-5=-74(F=-22, B=-22)

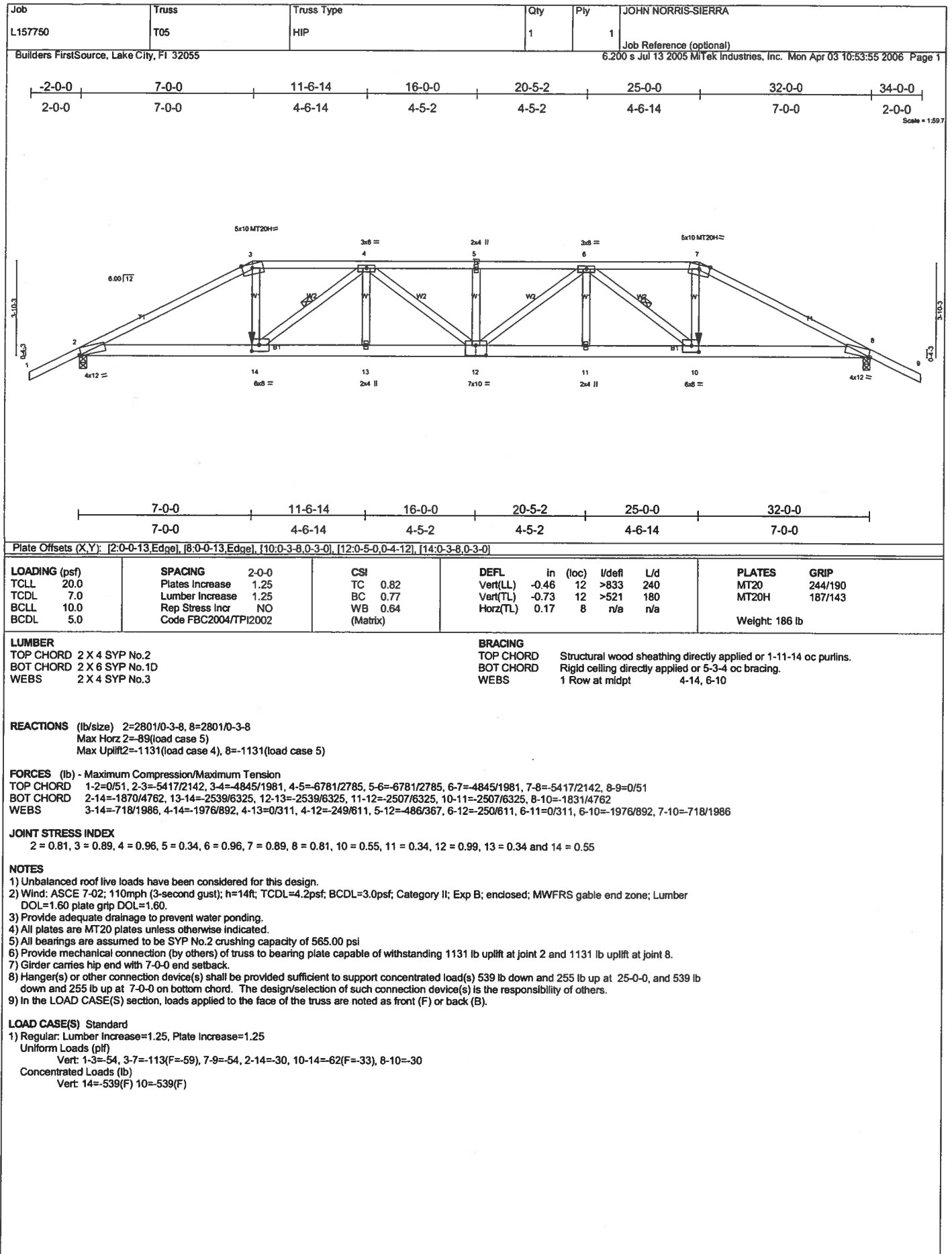


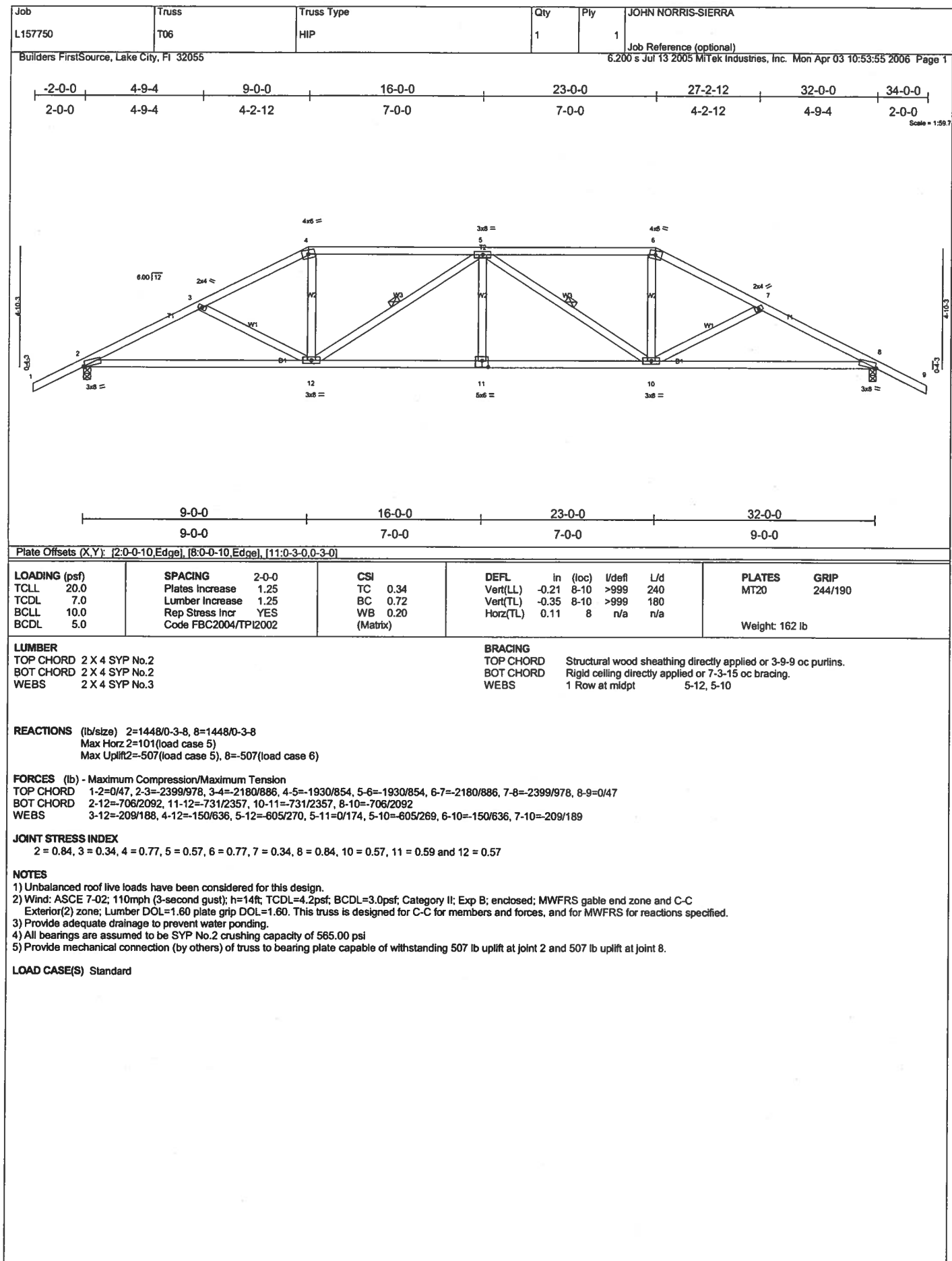


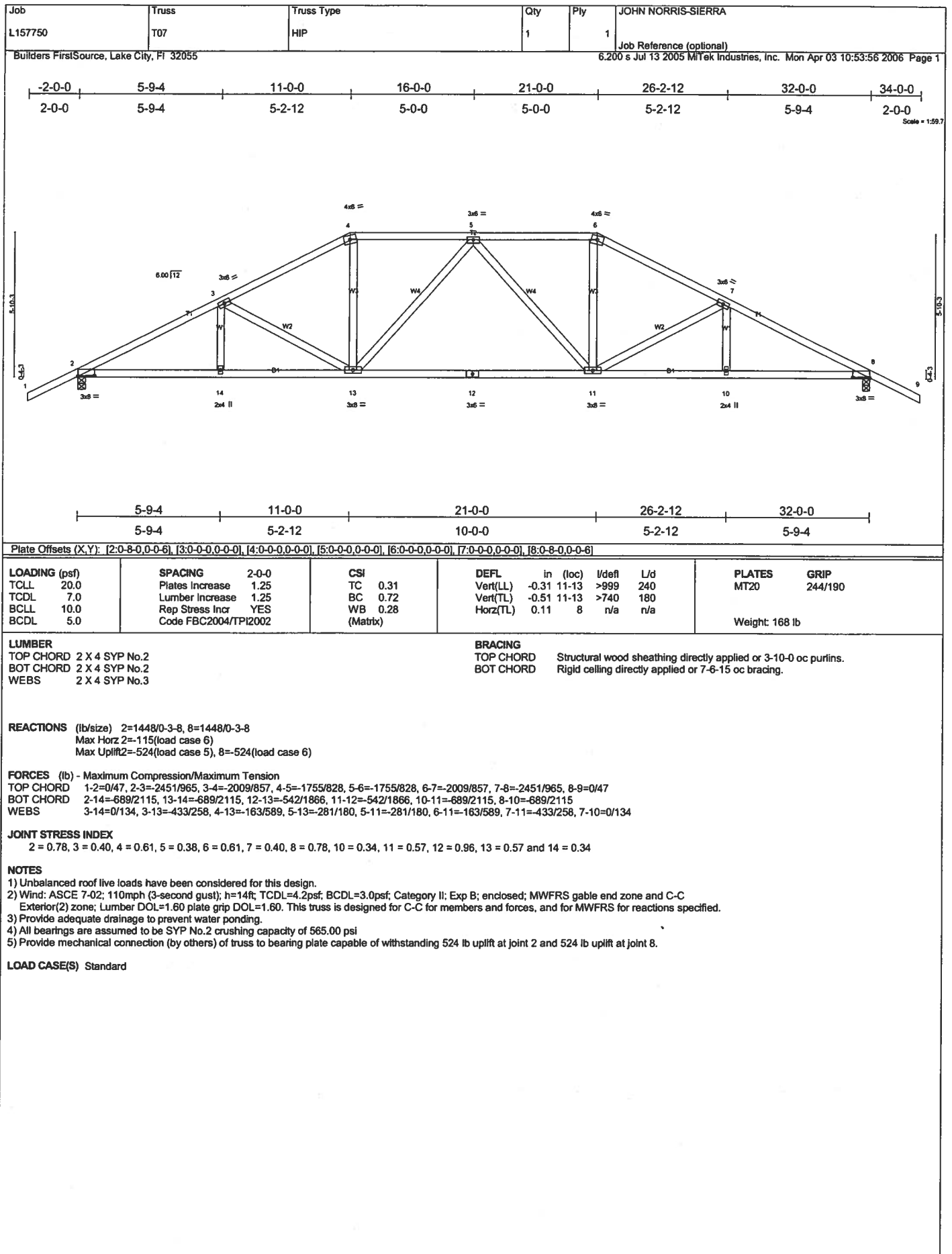


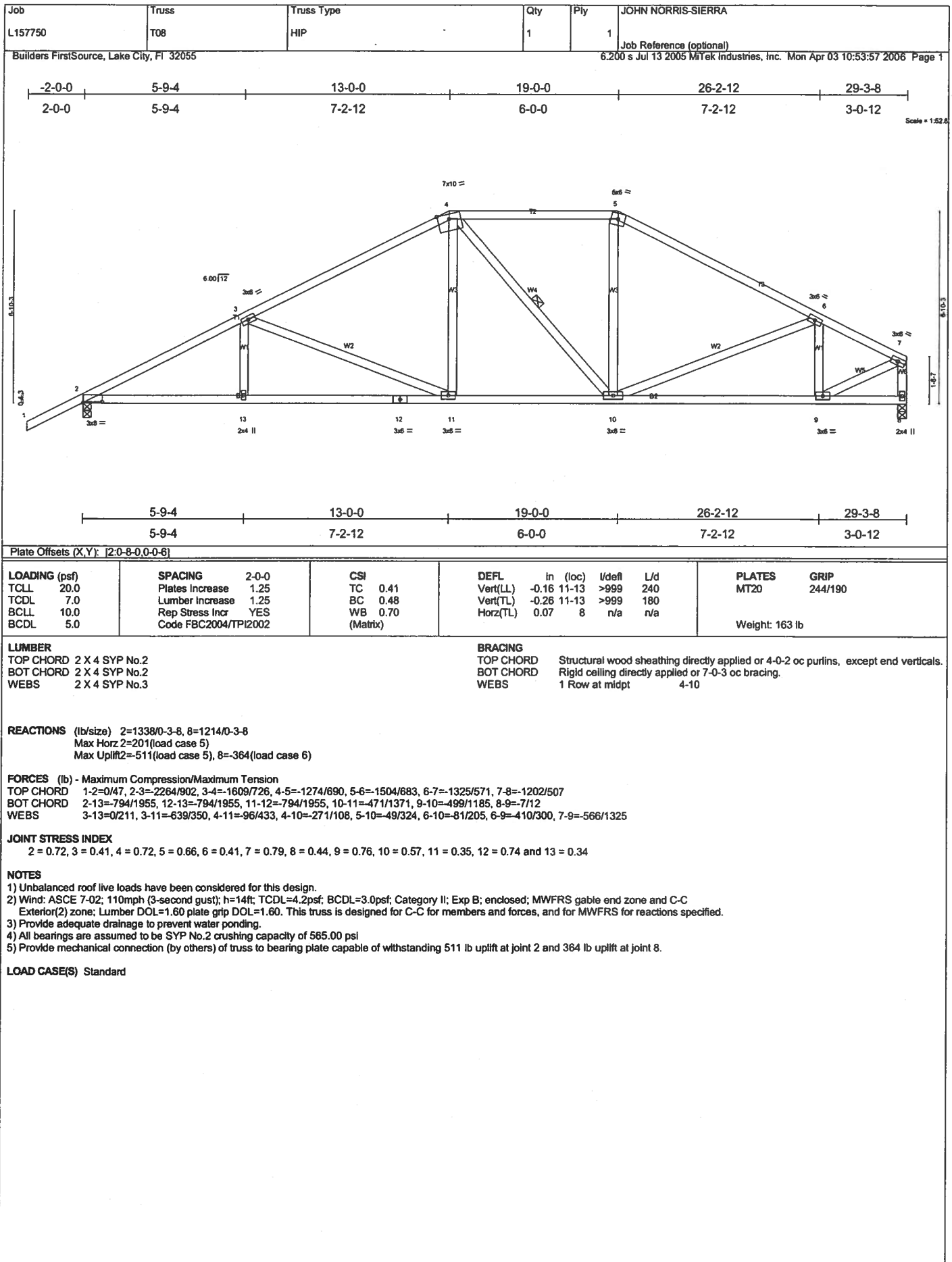


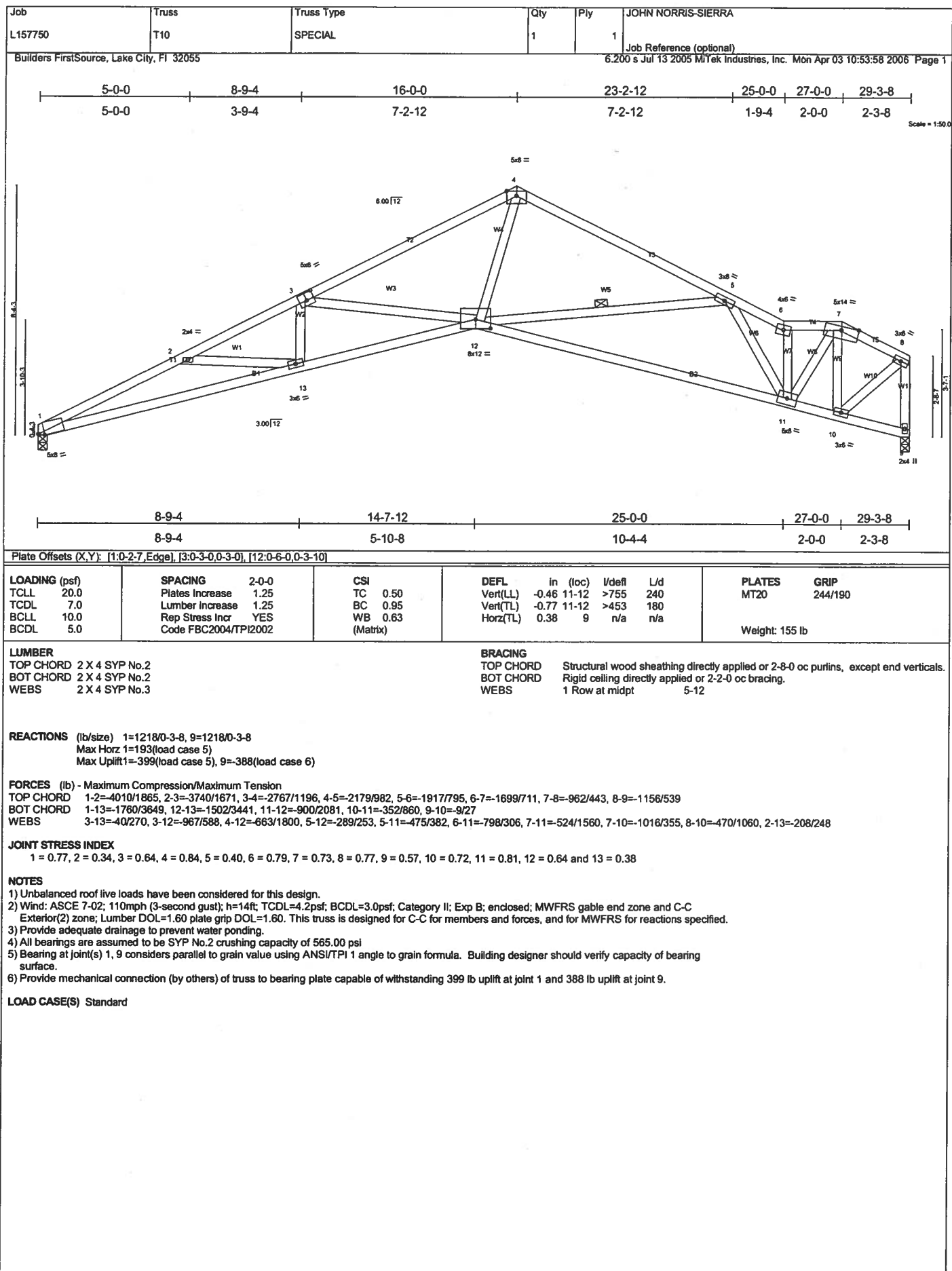


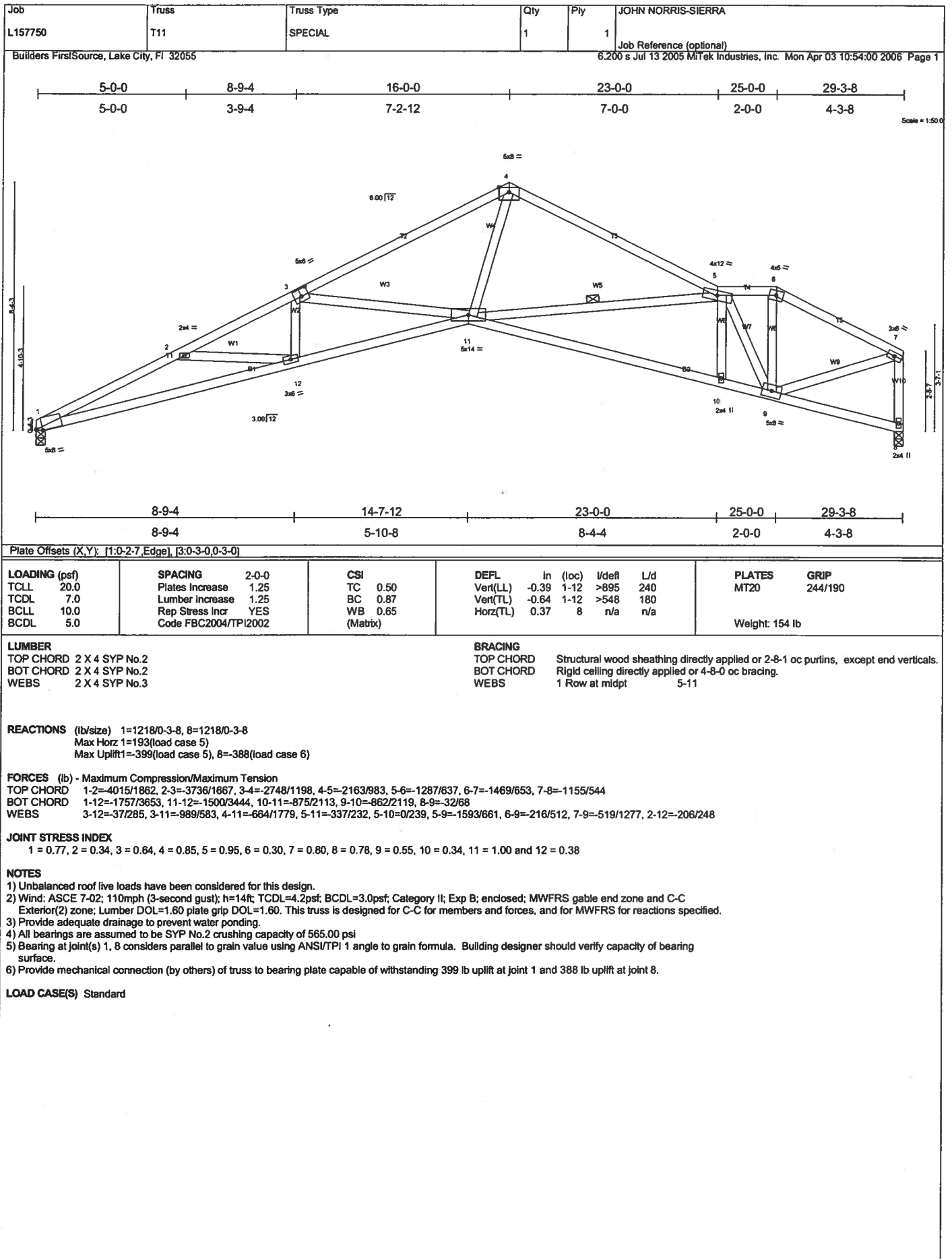


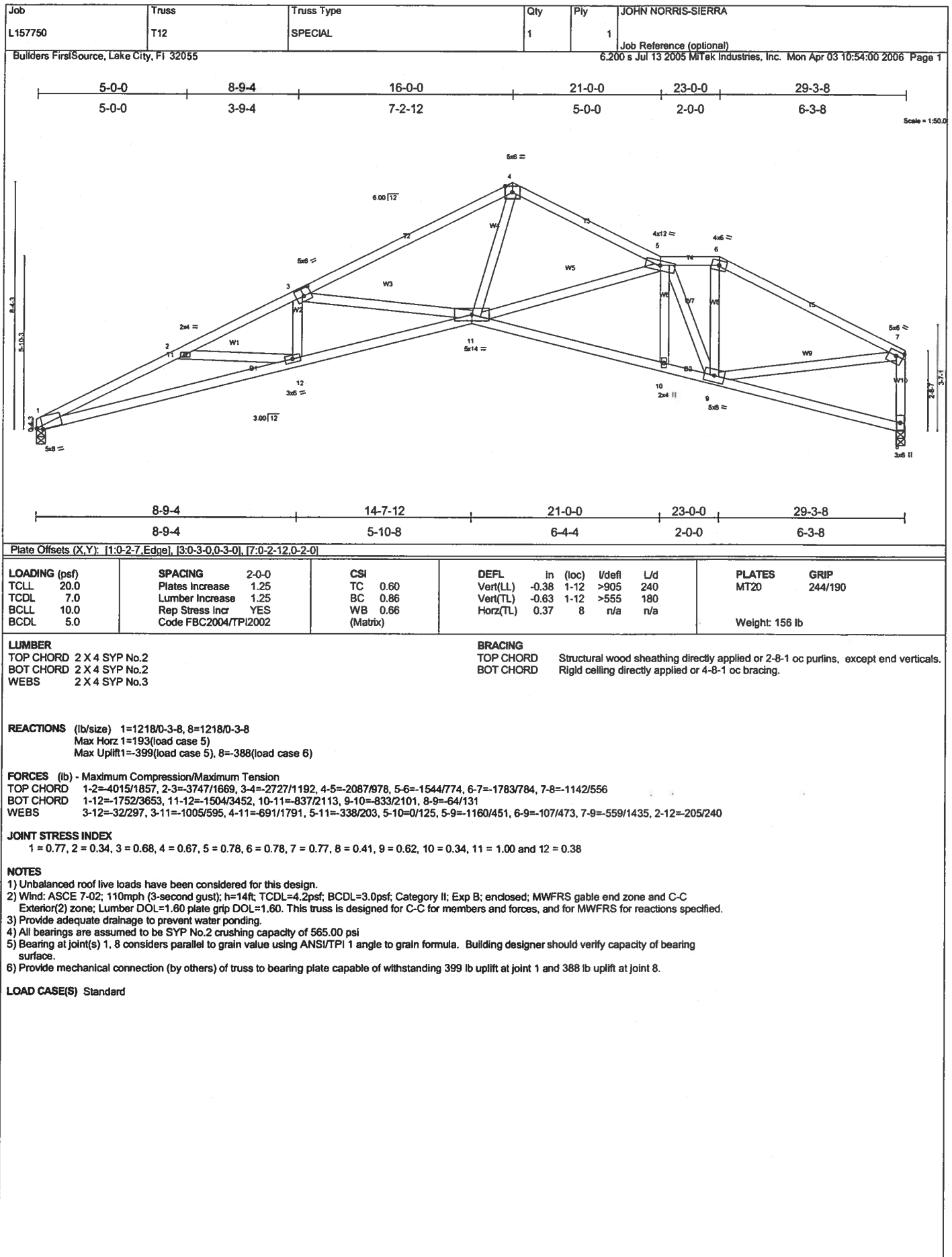


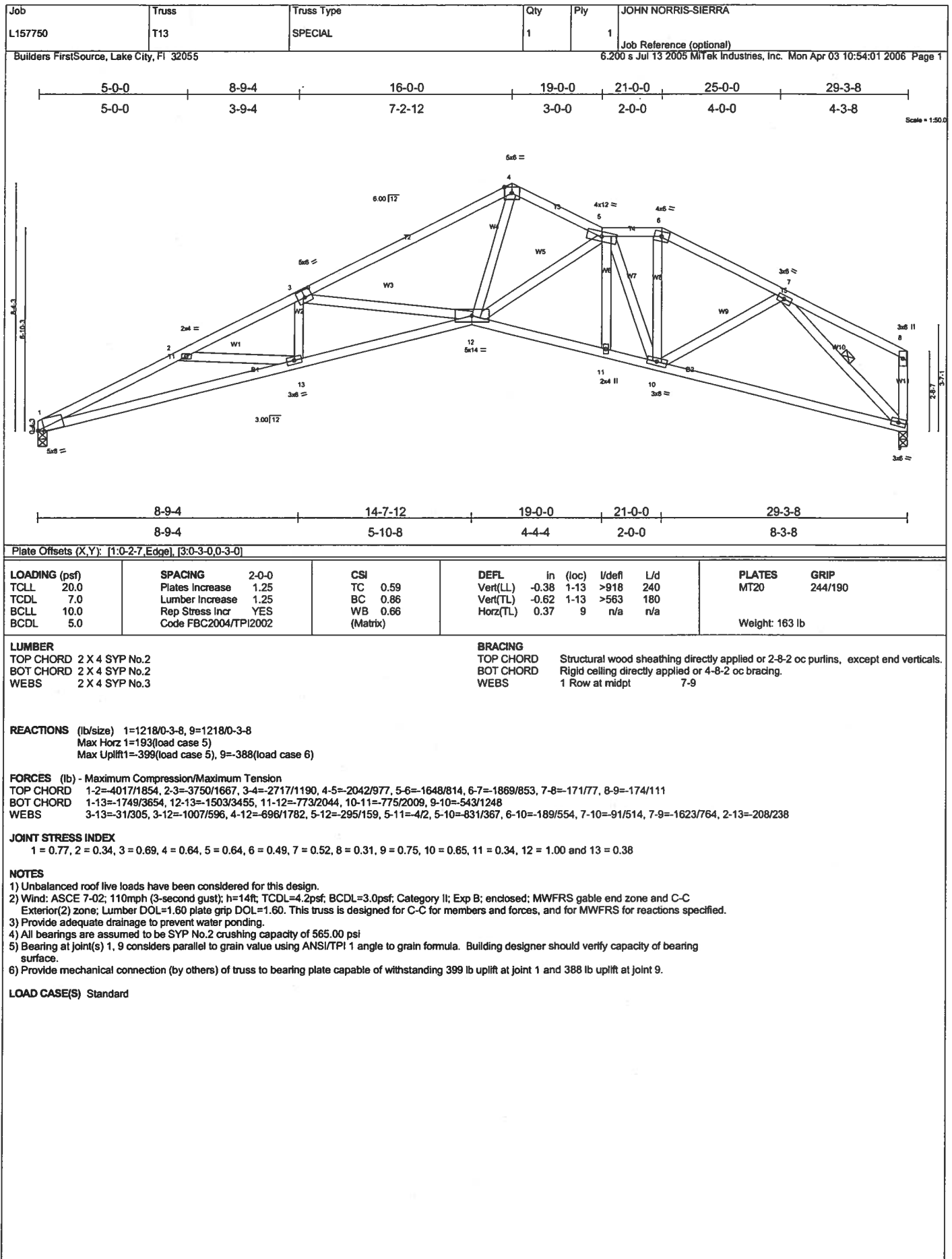


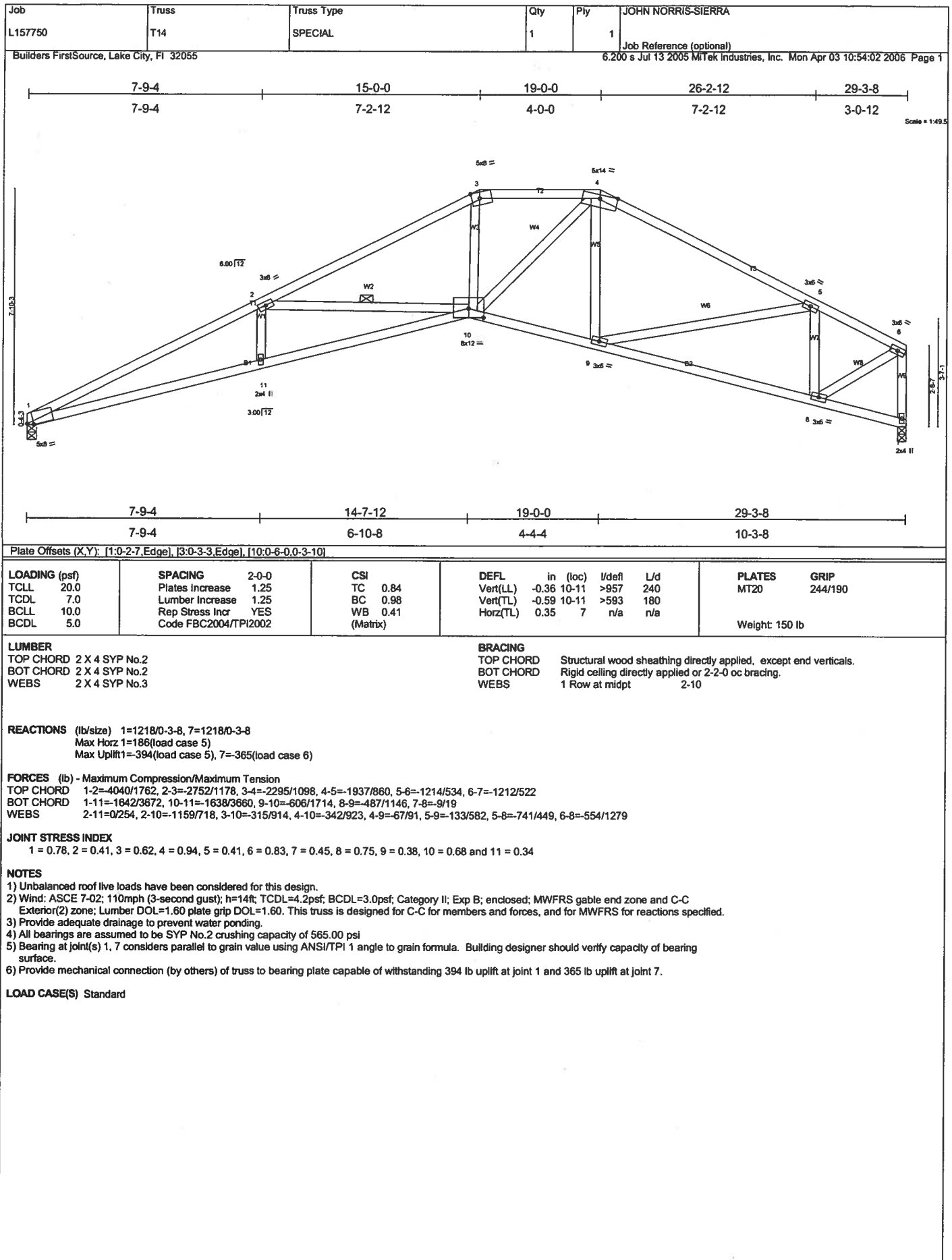




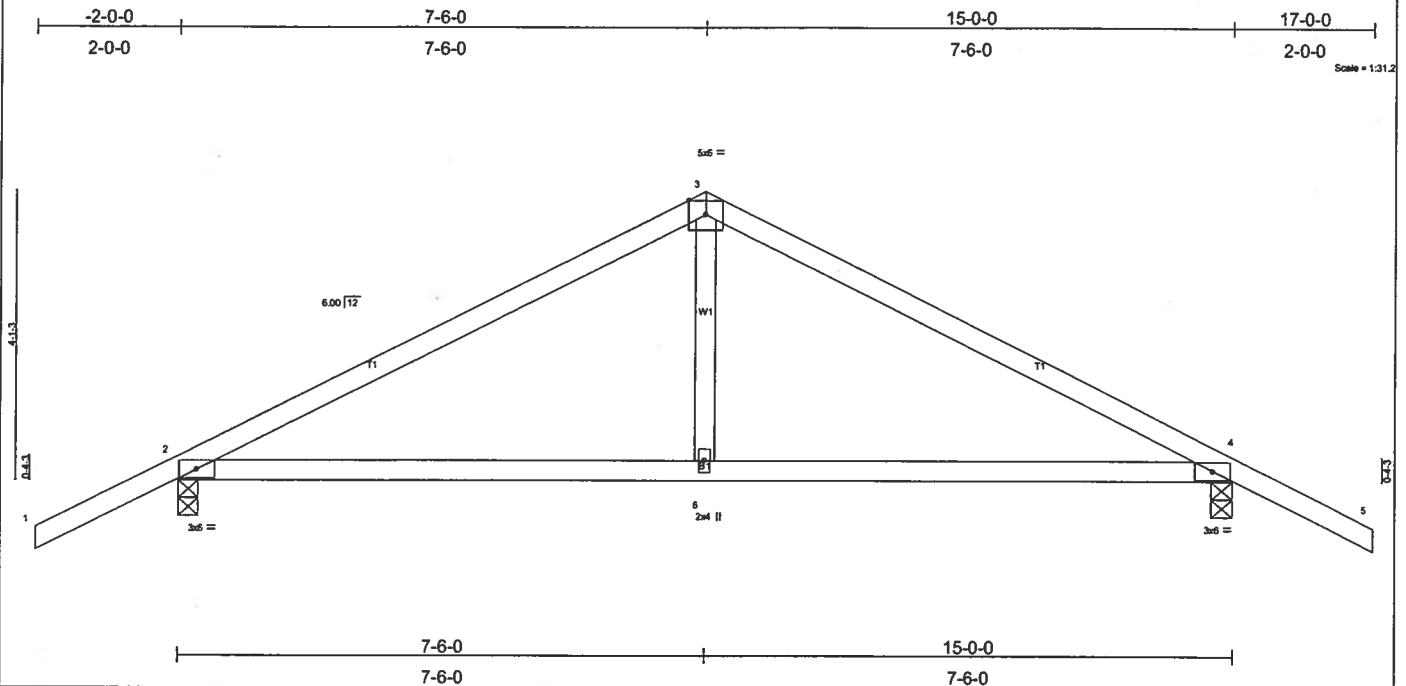








Job L157750	Truss T15	Truss Type COMMON	Qty 1	Ply 1	JOHN NORRIS-SIERRA
Builders FirstSource, Lake City, FL 32055					Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Apr 03 10:54:02 2006 Page 1



LOADING (psf)	SPACING	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.39	Vert(LL)	-0.10	4-6	>999	240	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.44	Vert(TL)	-0.15	4-6	>999	180		
BCLL 10.0	Lumber Increase 1.25	WB 0.09	Horz(TL)	0.02	4	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	(Matrix)							
	Code FBC2004/TP12002								
								Weight: 59 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 2=734/0-3-8, 4=734/0-3-8
 Max Horz 2=91(load case 6)
 Max Uplift 2=328(load case 5), 4=328(load case 6)

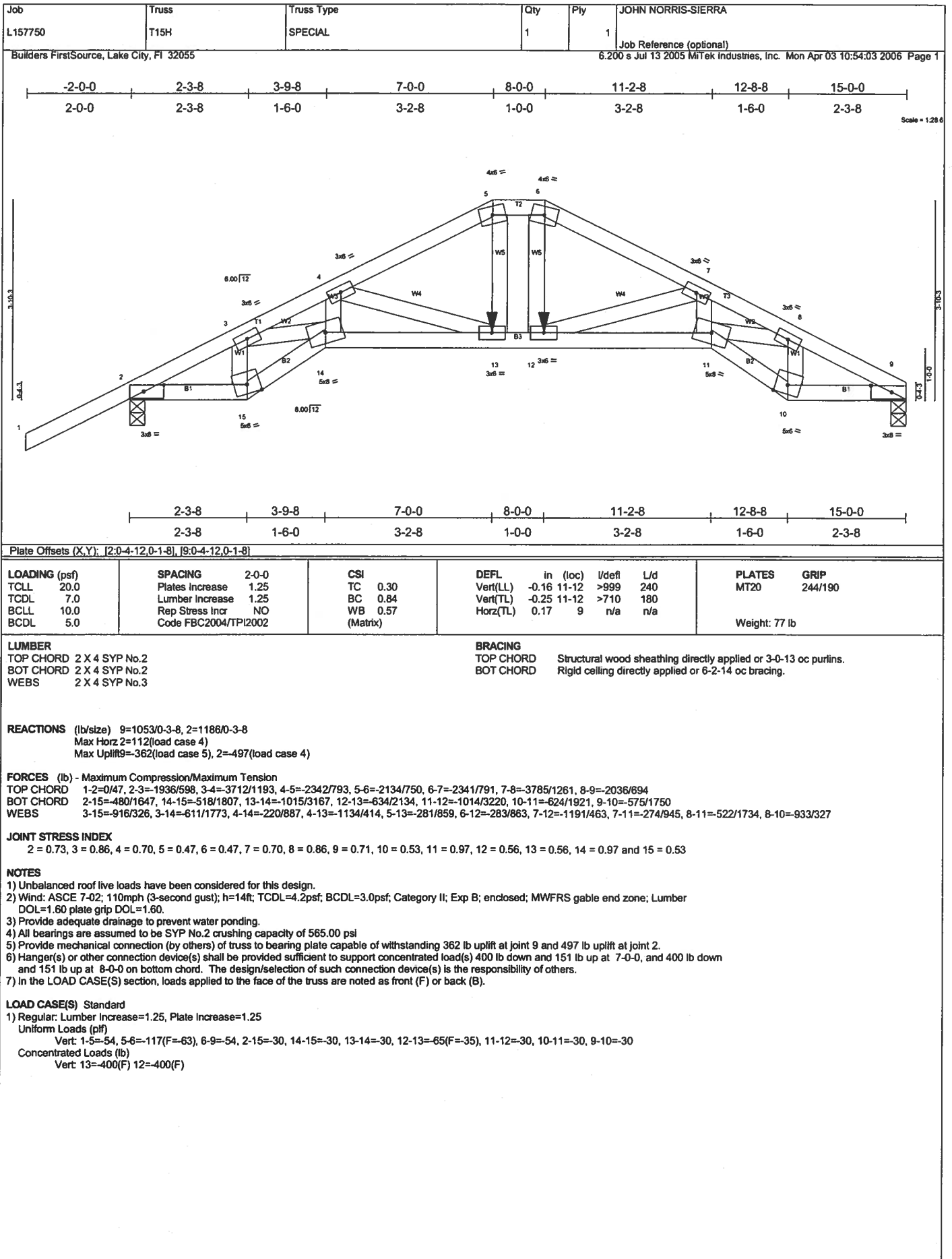
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-862/338, 3-4=-862/338, 4-5=0/47
 BOT CHORD 2-6=-124/695, 4-6=-124/695
 WEBS 3-6=0/272

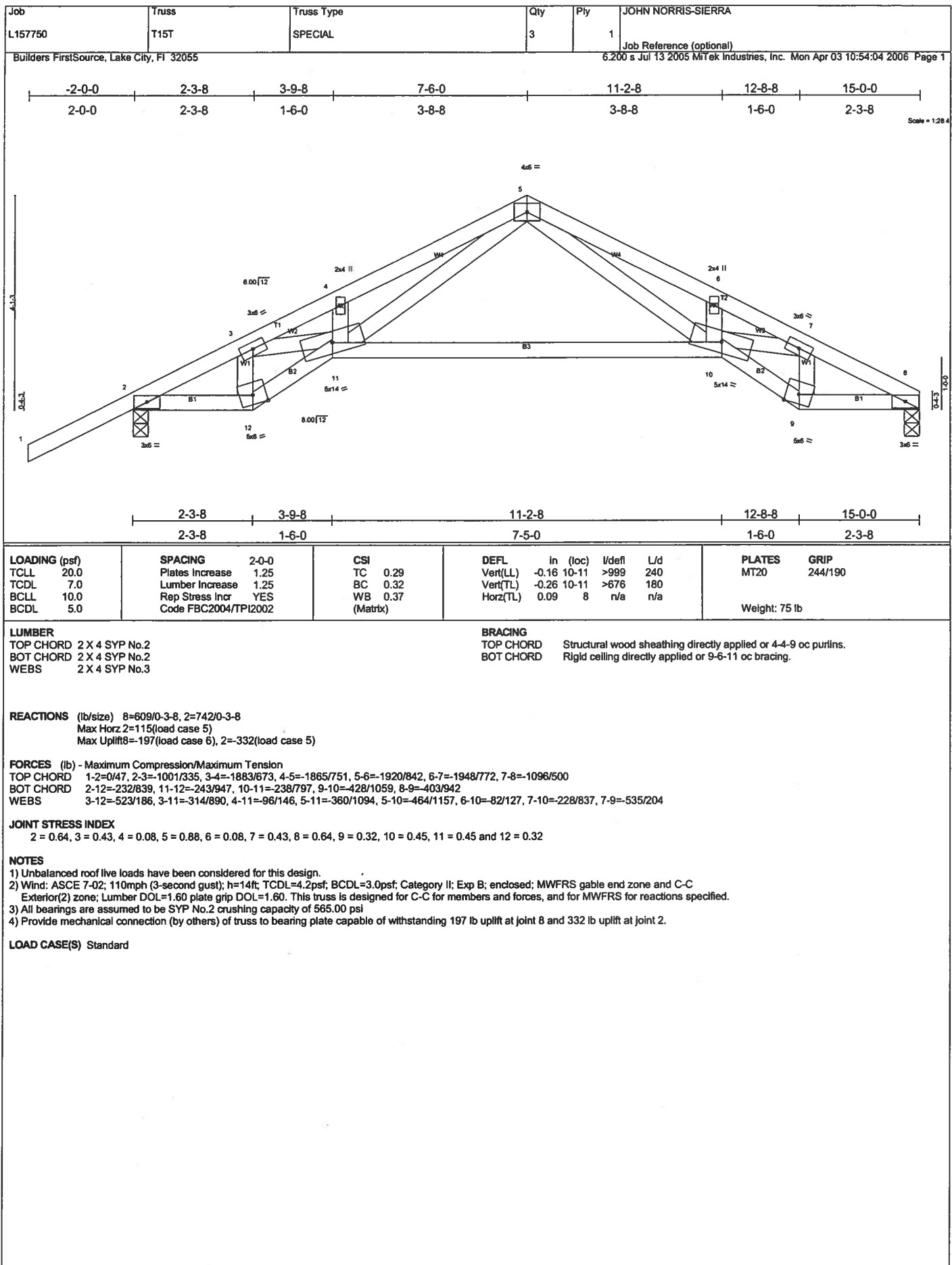
JOINT STRESS INDEX
 2 = 0.57, 3 = 0.75, 4 = 0.57 and 6 = 0.20

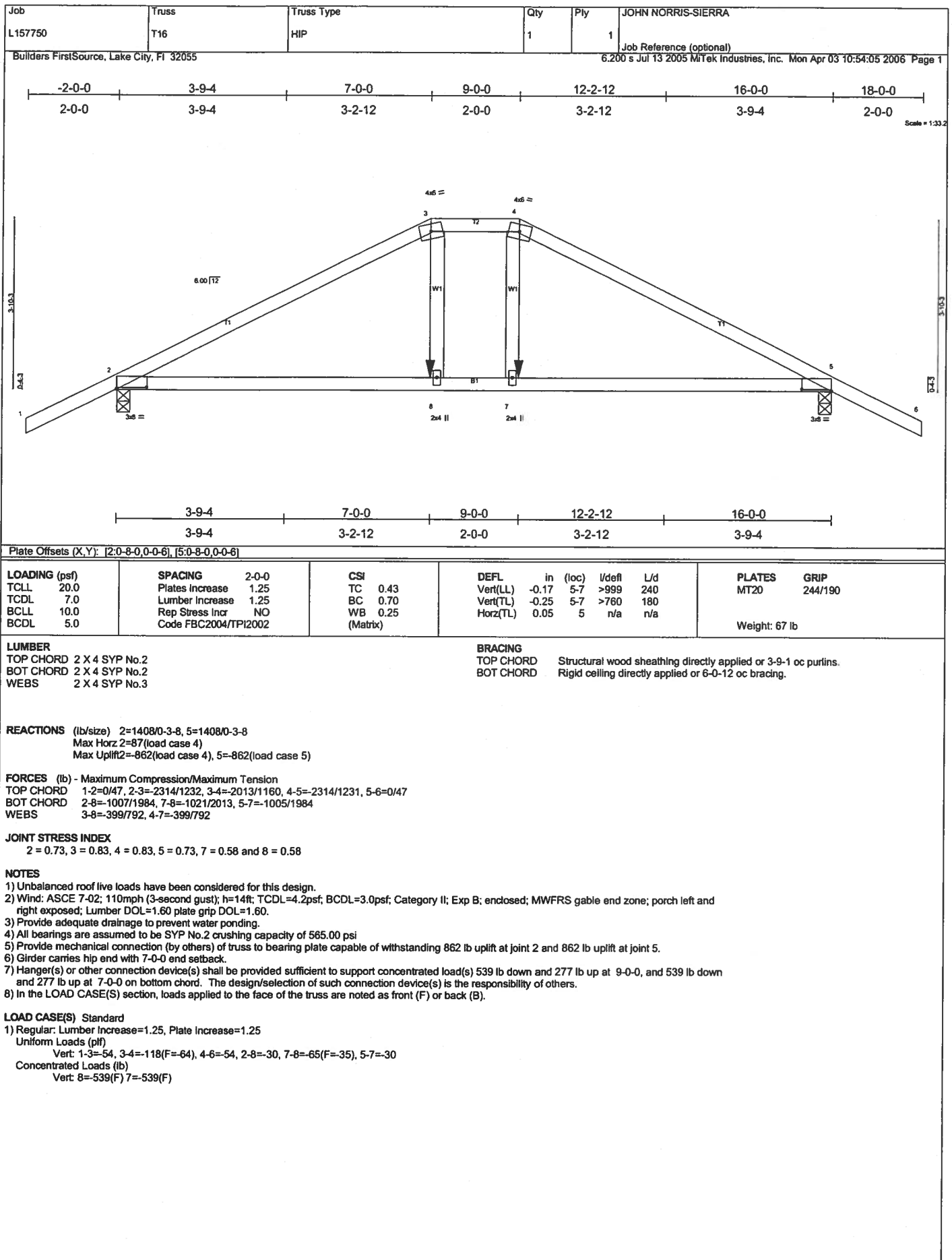
NOTES

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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.
- All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 328 lb uplift at joint 2 and 328 lb uplift at joint 4.

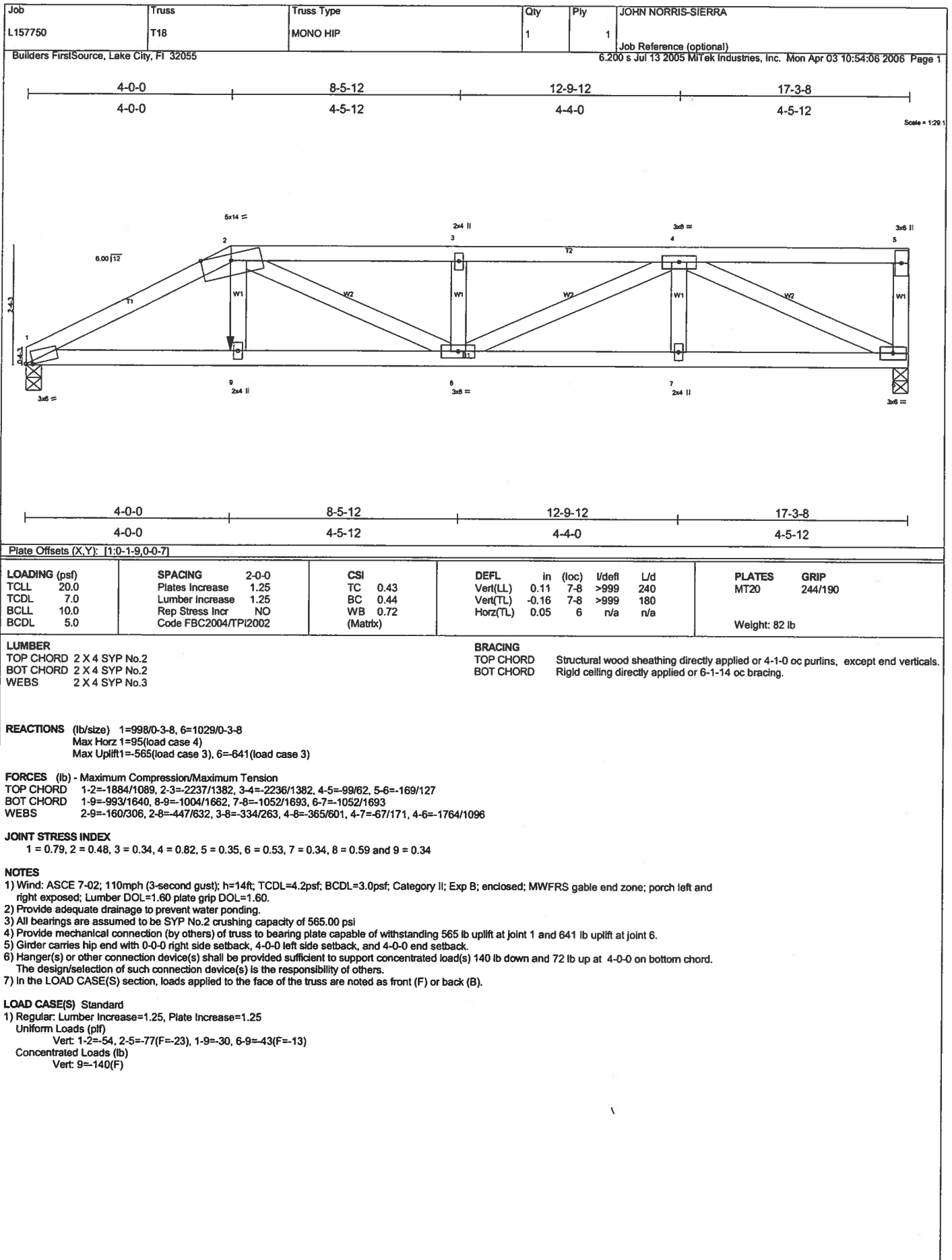
LOAD CASE(S) Standard







APRIL 03, 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

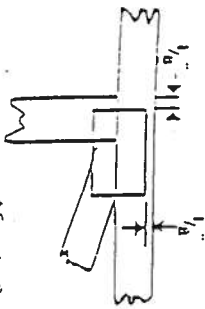


Symbols

PLATE LOCATION AND ORIENTATION



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



* For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.



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

PLATE SIZE



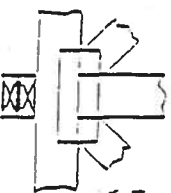
The first dimension is the width perpendicular to slits. Second dimension is the length parallel to slits.

LATERAL BRACING



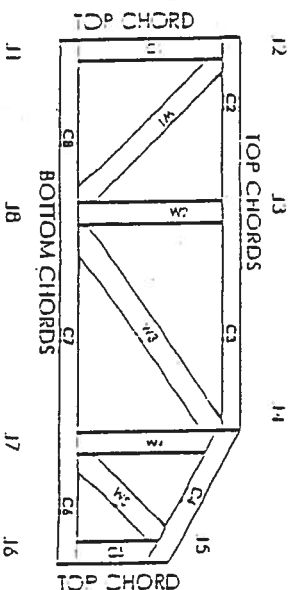
Indicates location of required continuous lateral bracing.

BEARINGS



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

Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 96-67
ICBO	3907, 4922
SBCCI	9667, 9432A
WISC/DIHR	960022 W, 970036-11
IIR	561



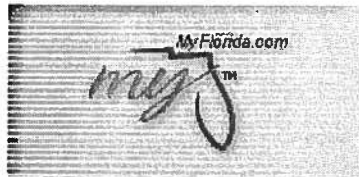
MITRE Engineering Reference Sheet: MIT-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
2. Cut members to bear lightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and waste at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length (1.5' from adjacent joint) unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
5. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
6. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
7. Plate type, size and location dimensions shown indicate minimum plating requirements.
8. Lumber shall be of the species and size and in all respects, equal to or better than the grade specified.
9. Top chords must be sheathed or purlins provided at spacing shown on design.
10. Bottom chords require lateral bracing at 11 ft. spacing, or less. If no ceiling is installed, unless otherwise noted.
11. Anchorage and / or load transferring connections to trusses are the responsibility of others unless shown.
12. Do not overload roof or floor trusses with stacks of construction materials.
13. Do not cut or alter truss member or plate without prior approval of a professional engineer.
14. Care should be exercised in handling, erection and installation of trusses.

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07:05:33 AM

Licensee Details

Licensee Information

Name: **NORRIS, JOHN DAVID (Primary Name)**
INDIVIDUAL (Alternate Name)
Main Address: **351 NW CORWIN GLN**
LAKE CITY, Florida 32055
Lic. Location: **WOODGLEN DRIVE**
LAKE CITY, FL 32055
Columbia

License Information

License Type: **Registered General Contractor**
Rank: **Reg General**
License Number: **RG0066597**
Status: **Current, Active**
Licensure Date: **06/20/1996**
Expires: **08/31/2005**

Special Qualifications **Effective Date**

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Job L157750	Truss CJ1	Truss Type MONO TRUSS	Qty 18	Ply 1	JOHN NORRIS-SIERRA Job Reference (optional)
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LOADING (psf)	SPACING 2-0-0	CSI	DEFL	PLATES GRIP
TCLL 20.0	Plates Increase 1.25	TC 0.28	in (loc) l/defl L/d	MT20 244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.01	Vert(LL) -0.00 2 >999 240	
BCLL 10.0	Rep Stress Incr YES	WB 0.00	Vert(TL) -0.00 2 >999 180	
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)	Horz(TL) 0.00 3 n/a n/a	Weight: 7 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 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

JOINT STRESS INDEX
 2 = 0.14

NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=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 crushing capacity of 565.00 psi
 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

Job L157750	Truss CJ3	Truss Type MONO TRUSS	Qty 14	Ply 1	JOHN NORRIS-SIERRA
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Apr 03 10:53:46 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	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD 2 X 4 SYP No.2	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

JOINT STRESS INDEX
 2 = 0.13

NOTES

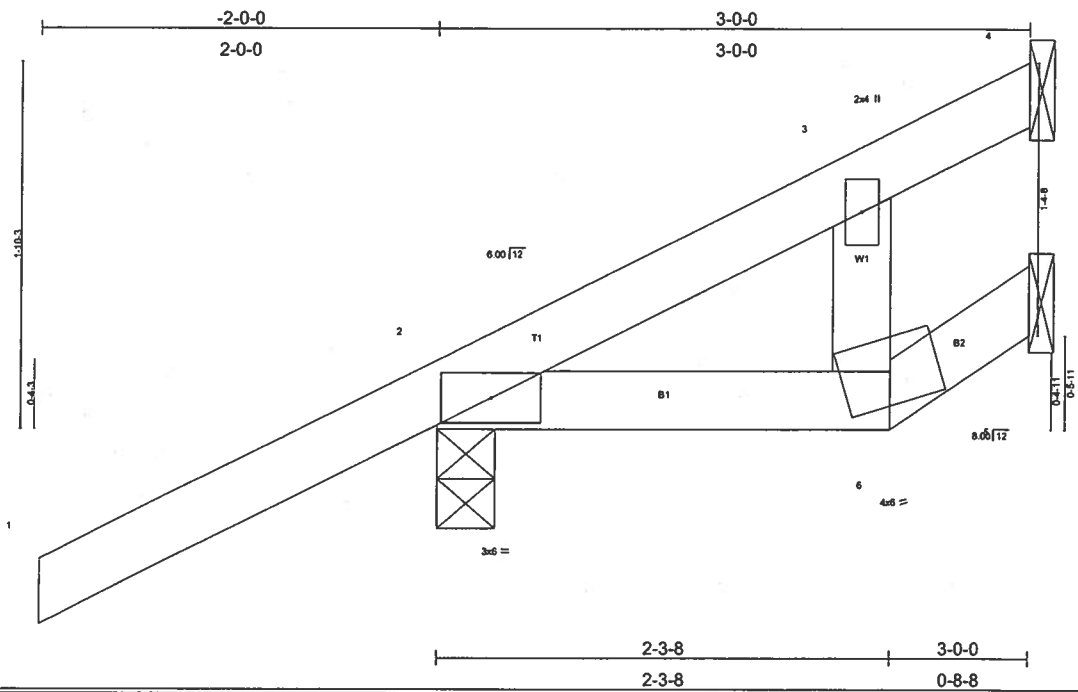
- 1) Wind: ASCE 7-02: 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 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	JOHN NORRIS-SIERRA
L157750	CJ3T	SPECIAL	4	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

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Scale = 1:11.1

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.29	In (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.03	Vert(LL) -0.01 6 >999 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.01	Vert(TL) -0.01 6 >999 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 5 n/a n/a		
	Code FBC2004/TP12002			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)

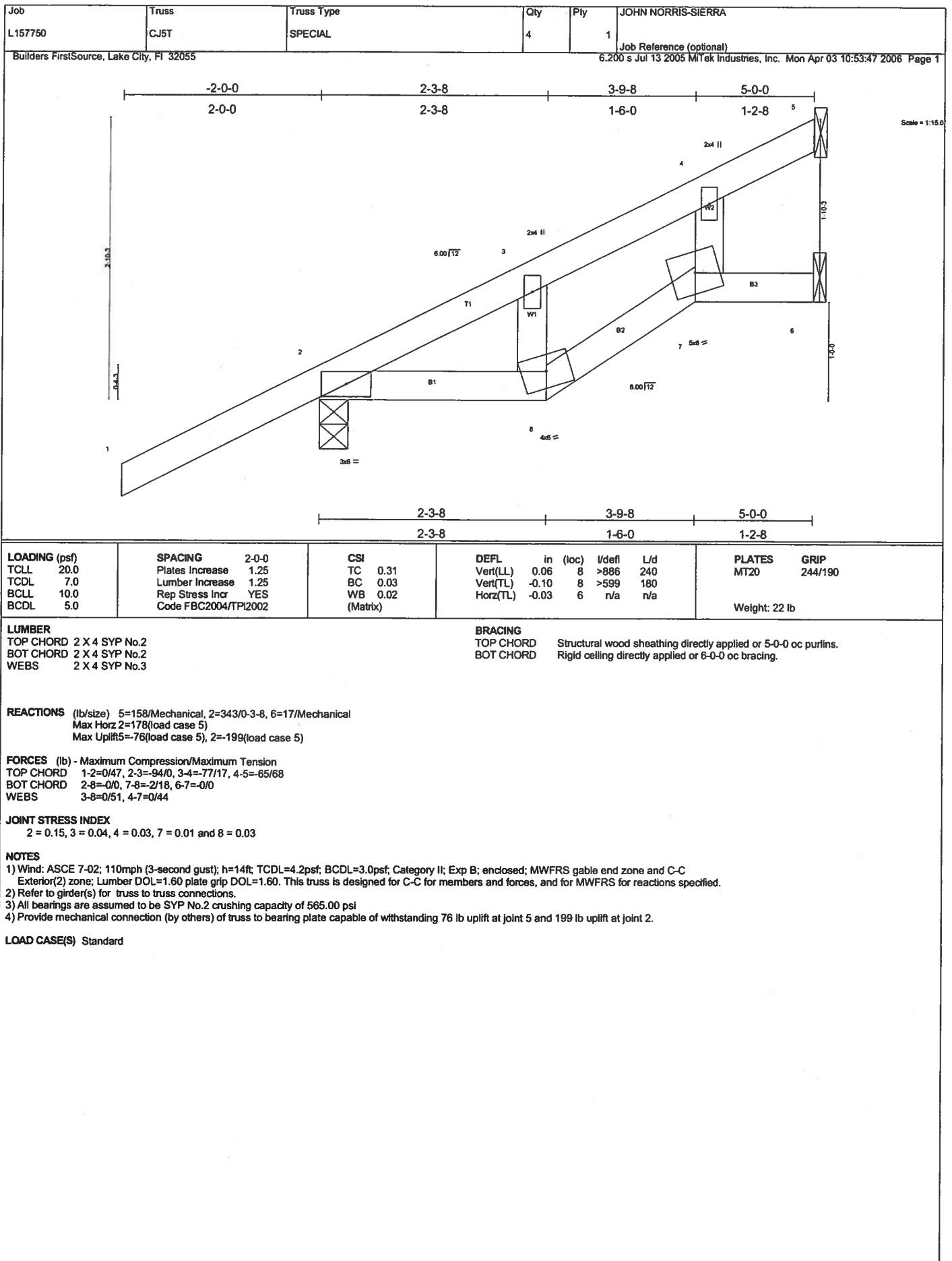
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-58/2, 3-4=-18/26
 BOT CHORD 2-6=-6/0, 5-6=-4/4
 WEBS 3-6=0/42

JOINT STRESS INDEX
 2 = 0.13, 3 = 0.03 and 6 = 0.02

NOTES

- 1) Wind: ASCE 7-02: 110mph (3-second gust); h=14ft; 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 crushing capacity of 565.00 psi
- 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 L157750	Truss EJ4	Truss Type JACK	Qty 7	Ply 1	JOHN NORRIS-SIERRA Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Apr 03 10:53:48 2006 Page 1		

LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 10.0 BCDL 5.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2004/TPI2002	CSI TC 0.29 BC 0.15 WB 0.00 (Matrix)	DEFL in (loc) l/defl L/d Vert(LL) 0.03 2-4 >999 240 Vert(TL) 0.03 2-4 >999 180 Horz(TL) -0.00 3 n/a n/a	PLATES GRIP MT20 244/190 Weight: 16 lb
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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 4-0-0 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
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REACTIONS (lb/size) 3=70/Mechanical, 2=308/0-3-8, 4=57/Mechanical
 Max Horz 2=155(load case 5)
 Max Uplift 3=54(load case 5), 2=246(load case 5), 4=36(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=63/23
 BOT CHORD 2-4=0/0

JOINT STRESS INDEX
 2 = 0.14

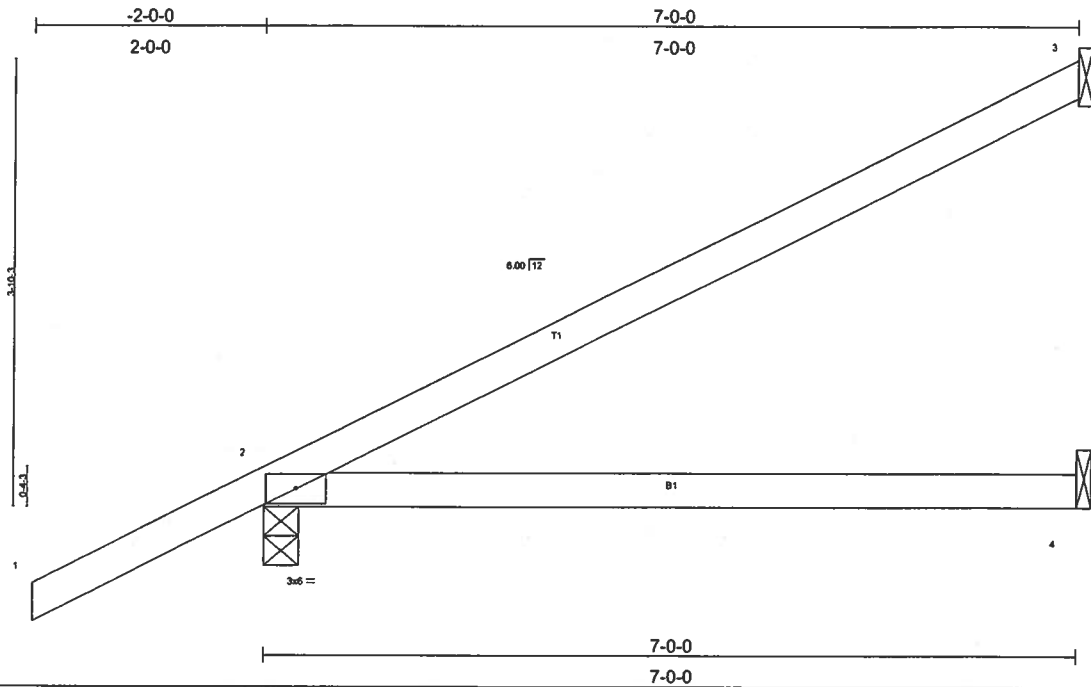
NOTES
 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
 2) Refer to girder(s) for truss to truss connections.
 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 54 lb uplift at joint 3, 246 lb uplift at joint 2 and 36 lb uplift at joint 4.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	JOHN NORRIS-SIERRA
L157750	EJ7	MONO TRUSS	18	1	Job Reference (optional)

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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.50	In (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.45	Vert(LL) 0.33 2-4 >250 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.00	Vert(TL) 0.28 2-4 >295 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a n/a		
	Code FBC2004/TPI2002			Weight: 26 lb	

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

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

REACTIONS (lb/size) 3=162/Mechanical, 2=419/0-3-8, 4=104/Mechanical
 Max Horz 2=224(load case 5)
 Max Uplift 3=144(load case 5), 2=-295(load case 5), 4=-68(load case 6)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-131/58
 BOT CHORD 2-4=0/0

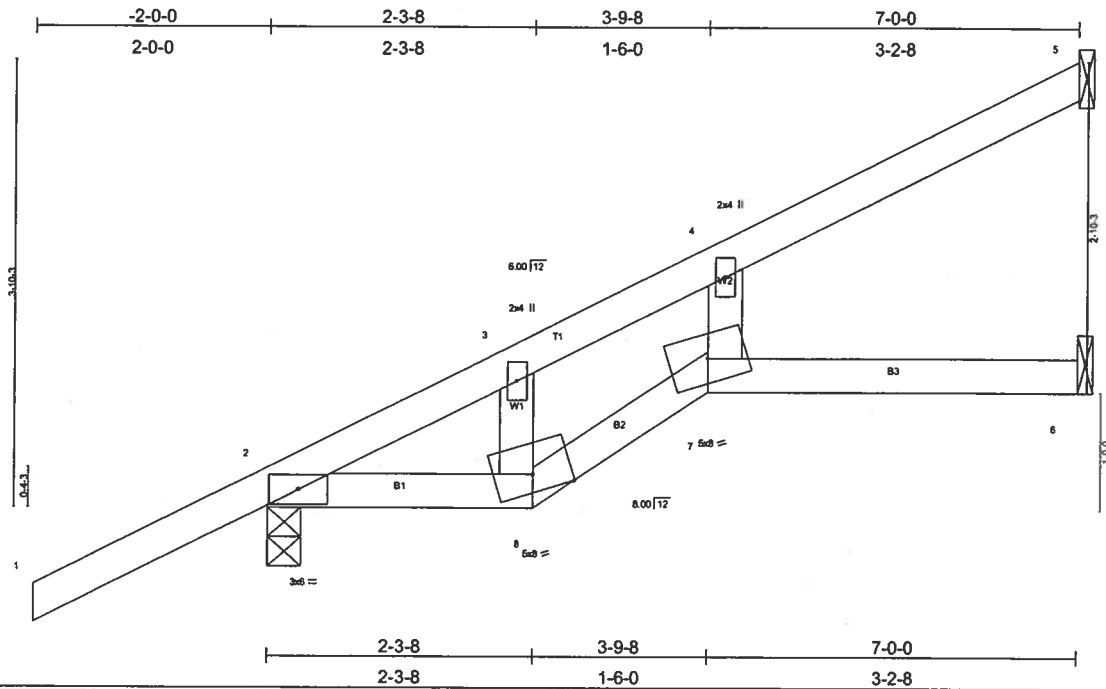
JOINT STRESS INDEX
 2 = 0.34

NOTES

- 1) Wind: ASCE 7-02: 110mph (3-second gust); h=14ft; TCDL=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 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 144 lb uplift at joint 3, 295 lb uplift at joint 2 and 68 lb uplift at joint 4.

LOAD CASE(S) Standard

Job L157750	Truss EJ7T	Truss Type SPECIAL	Qty 2	Ply 1	JOHN NORRIS-SIERRA
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Apr 03 10:53:49 2006 Page 1		



Scale = 1/16.9

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.41	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.40	Vert(LL) 0.19 7-8 >435 240		
BCLL 10.0	Lumber Increase 1.25	WB 0.03	Vert(TL) -0.24 7-8 >335 180		
BCDL 5.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.03 6 n/a n/a		
	Code FBC2004/TPI2002			Weight: 29 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 5=157/Mechanical, 2=419/0-3-8, 6=110/Mechanical
 Max Horz 2=224(load case 5)
 Max Uplift 5=101(load case 5), 2=210(load case 5), 6=25(load case 5)

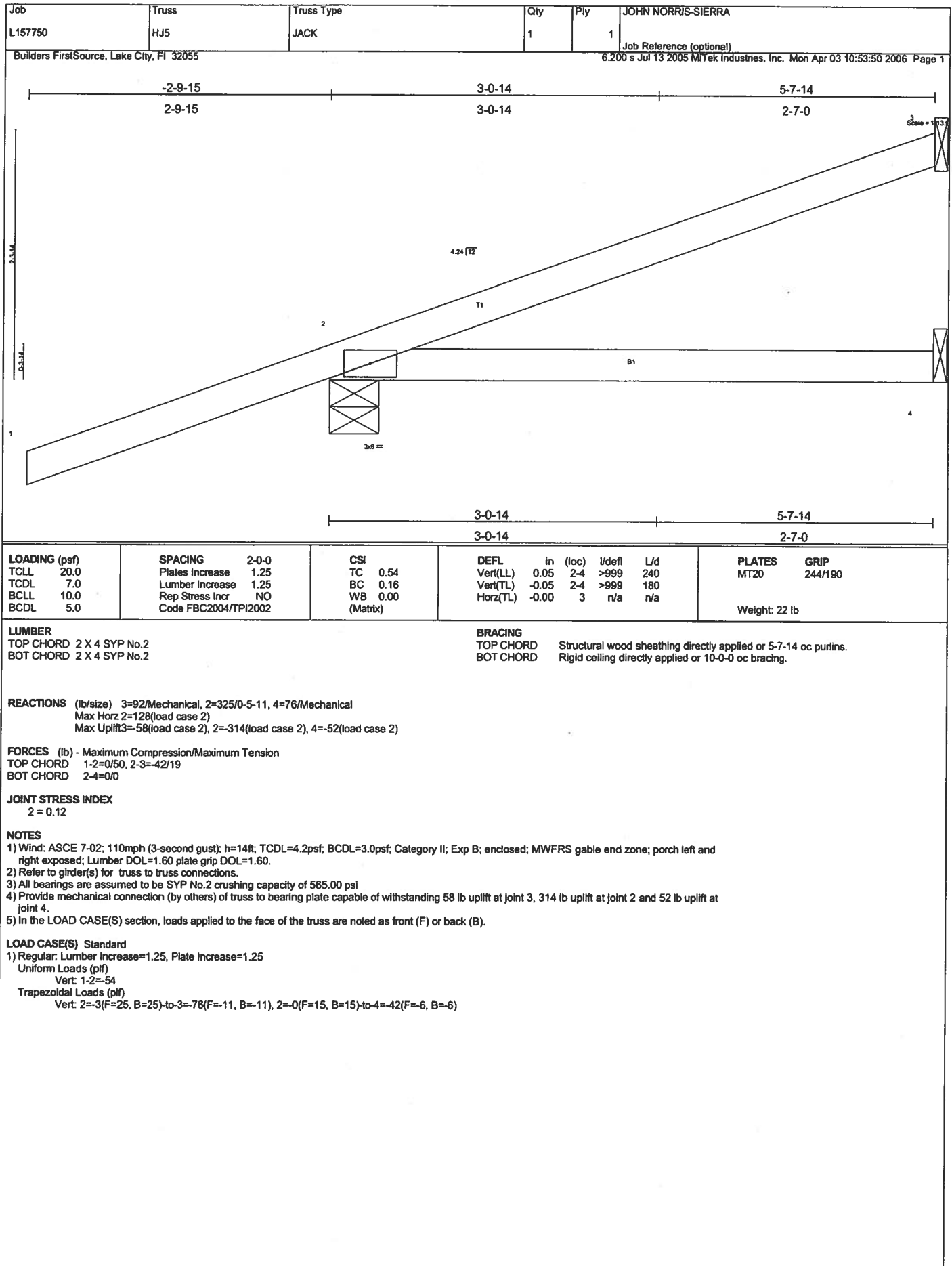
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=184/0, 3-4=145/0, 4-5=80/63
 BOT CHORD 2-8=0/11, 7-8=7/32, 6-7=0/0
 WEBS 3-8=80/92, 4-7=0/101

JOINT STRESS INDEX
 2 = 0.59, 3 = 0.05, 4 = 0.05, 7 = 0.84 and 8 = 0.69

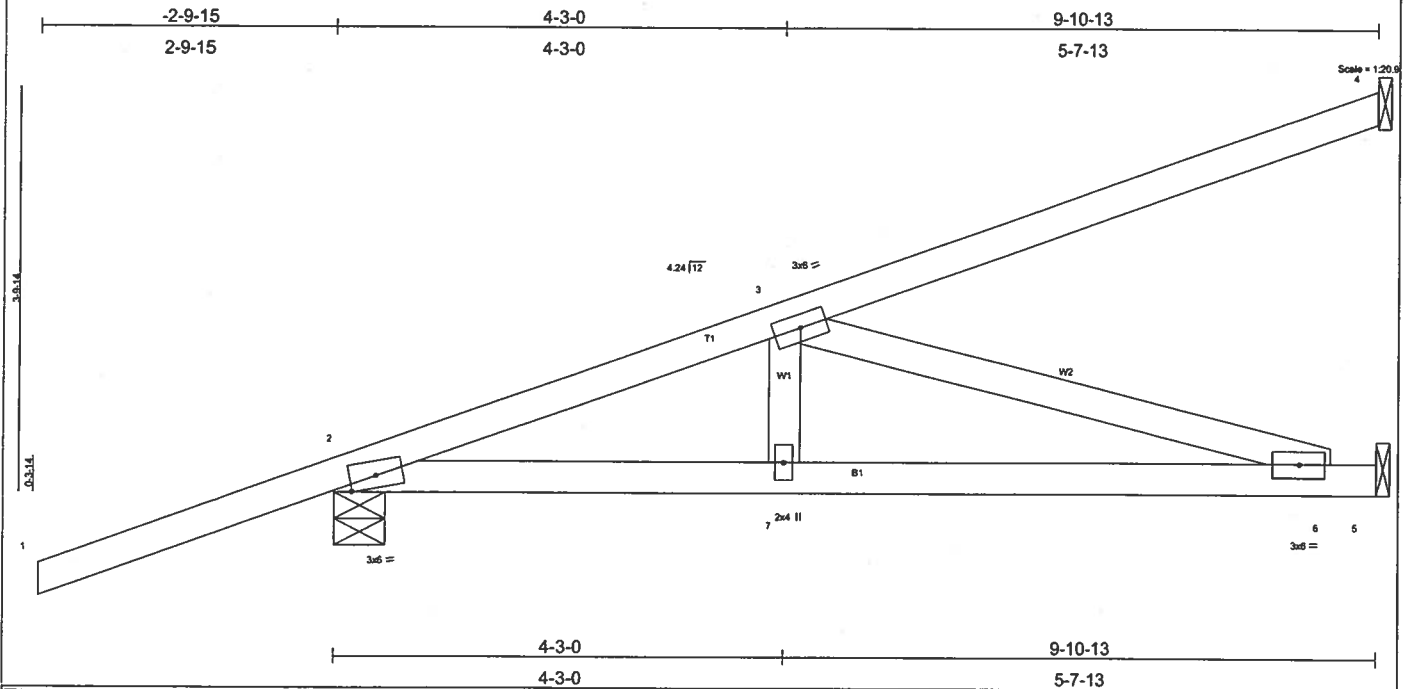
NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 5, 210 lb uplift at joint 2 and 25 lb uplift at joint 6.

LOAD CASE(S) Standard



Job L157750	Truss HJ9	Truss Type MONO TRUSS	Qty 6	Ply 1	JOHN NORRIS-SIERRA
Builders FirstSource, Lake City, FL 32055			Job Reference (optional) 6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Apr 03 10:53:51 2006 Page 1		



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.62	In (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.61	Vert(LL) -0.11 6-7 >999 240		
BCCL 10.0	Lumber Increase 1.25	WB 0.47	Vert(TL) -0.19 6-7 >623 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.01 5 n/a n/a		
	Code FBC2004/TPI2002			Weight: 45 lb	

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 7-11-9 oc bracing.

REACTIONS (lb/size) 4=270/Mechanical, 2=535/0-5-11, 5=374/Mechanical
 Max Horz 2=269(load case 2)
 Max Uplift 4=233(load case 2), 2=401(load case 2), 5=181(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/50, 2-3=883/363, 3-4=105/66
 BOT CHORD 2-7=-535/817, 6-7=-535/817, 5-6=0/0
 WEBS 3-7=-94/188, 3-6=-851/557

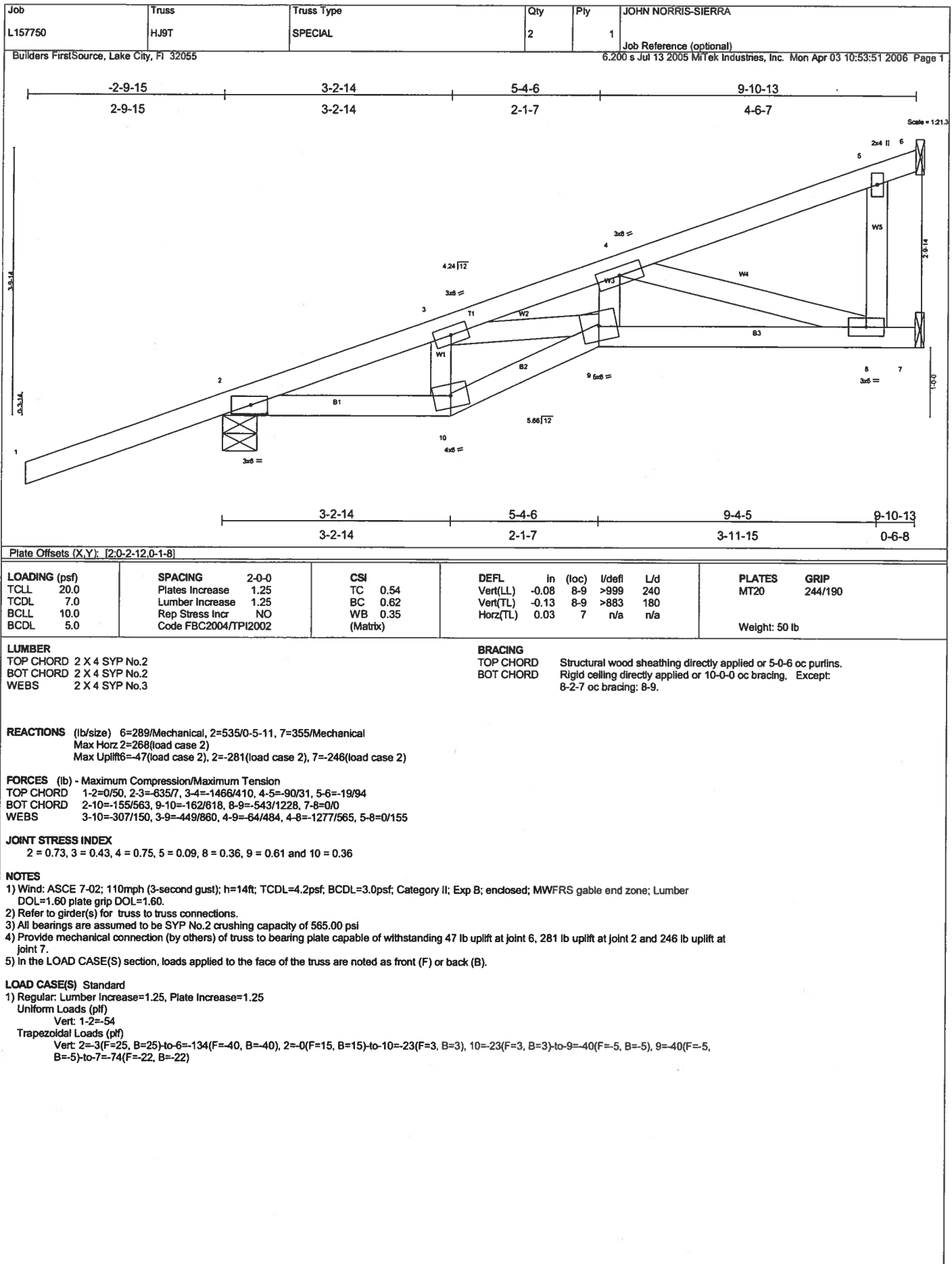
JOINT STRESS INDEX
 2 = 0.76, 3 = 0.23, 6 = 0.24 and 7 = 0.14

NOTES

- 1) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
- 2) Refer to girder(s) for truss to truss connections.
- 3) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 233 lb uplift at joint 4, 401 lb uplift at joint 2 and 181 lb uplift at joint 5.
- 5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-2=-54
 Trapezoidal Loads (plf)
 Vert: 2=-3(F=25, B=25)-to-4=-134(F=-40, B=-40), 2=0(F=15, B=15)-to-5=-74(F=-22, B=-22)



Job L157750	Truss T01	Truss Type HIP	Qty 1	Ply 1	JOHN NORRIS-SIERRA Job Reference (optional)
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 Mitek Industries, Inc. Mon Apr 03 10:53:52 2006 Page 1		

Plate Offsets (X,Y): [2-0-1-11,Edge], [6-0-1-11,Edge]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.52	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.79	Vert(LL) -0.28 8-10 >935 240	MT20H	187/143
BCLL 10.0	Lumber Increase 1.25	WB 0.38	Vert(TL) -0.46 8-10 >561 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.10 6 n/a n/a		
	Code FBC2004/TPI2002			Weight: 99 lb	

LUMBER TOP CHORD 2 X 4 SYP No.2 BOT CHORD 2 X 4 SYP No.1D WEBS 2 X 4 SYP No.3	BRACING TOP CHORD Structural wood sheathing directly applied or 3-0-1 oc purlins. BOT CHORD Rigid ceiling directly applied or 5-11-7 oc bracing.
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REACTIONS (lb/size) 2=1926/0-3-8, 6=1926/0-3-8
 Max Horz 2=-87(load case 5)
 Max Uplift 2=-822(load case 4), 6=-822(load case 5)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-3486/1289, 3-4=-3070/1226, 4-5=-3070/1226, 5-6=-3486/1290, 6-7=0/47
 BOT CHORD 2-10=-1099/3024, 9-10=-1277/3280, 8-9=-1277/3280, 6-8=-1058/3024
 WEBS 3-10=-384/1183, 4-10=-399/316, 4-8=-399/316, 5-8=-384/1183

JOINT STRESS INDEX
 2 = 0.79, 3 = 0.76, 4 = 0.36, 5 = 0.76, 6 = 0.79, 8 = 0.42, 9 = 0.97 and 10 = 0.42

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
 3) Provide adequate drainage to prevent water ponding.
 4) All plates are MT20 plates unless otherwise indicated.
 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 822 lb uplift at joint 2 and 822 lb uplift at joint 6.
 7) Girder carries hip end with 7-0-0 end setback.
 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 255 lb up at 15-0-0, and 539 lb down and 255 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert: 1-3=-54, 3-5=-113(F=-59), 5-7=-54, 2-10=-30, 8-10=-62(F=-33), 6-8=-30
 Concentrated Loads (lb)
 Vert: 10=-539(F) 8=-539(F)

Job L157750	Truss T02	Truss Type HIP	Qty 1	Ply 1	JOHN NORRIS-SIERRA
Builders FirstSource, Lake City, FL 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Apr 03 10:53:52 2006 Page 1		

Plate Offsets (X,Y): [2:0-0-10,Edge], [7:0-0-10,Edge]								
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) -0.17	7-9	>999	240	MT20	244/190
TCDL 7.0	Lumber Increase 1.25	BC 0.45	Vert(TL) -0.30	7-9	>873	180		
BCLL 10.0	Rep Stress Incr YES	WB 0.13	Horz(TL) 0.04	7	n/a	n/a		
BCDL 5.0	Code FBC2004/TPI2002	(Matrix)						
Weight: 111 lb								

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 4-10-2 oc purlins.
BOT CHORD 2 X 4 SYP No.2	BOT CHORD Rigid ceiling directly applied or 9-9-0 oc bracing.
WEBS 2 X 4 SYP No.3	

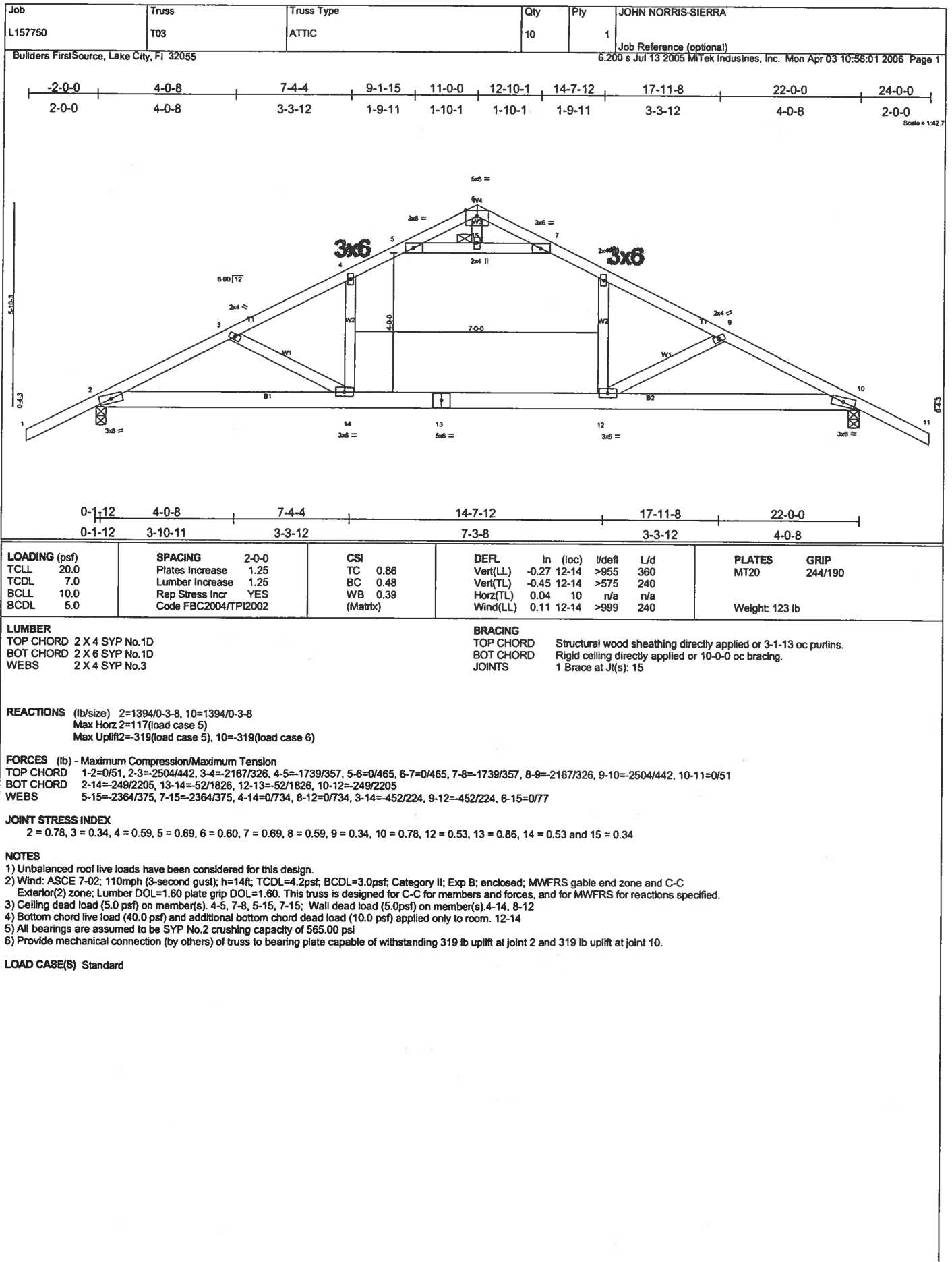
REACTIONS (lb/size) 2=1028/0-3-8, 7=1028/0-3-8
 Max Horz 2=101(load case 6)
 Max Uplift 2=410(load case 5), 7=410(load case 6)

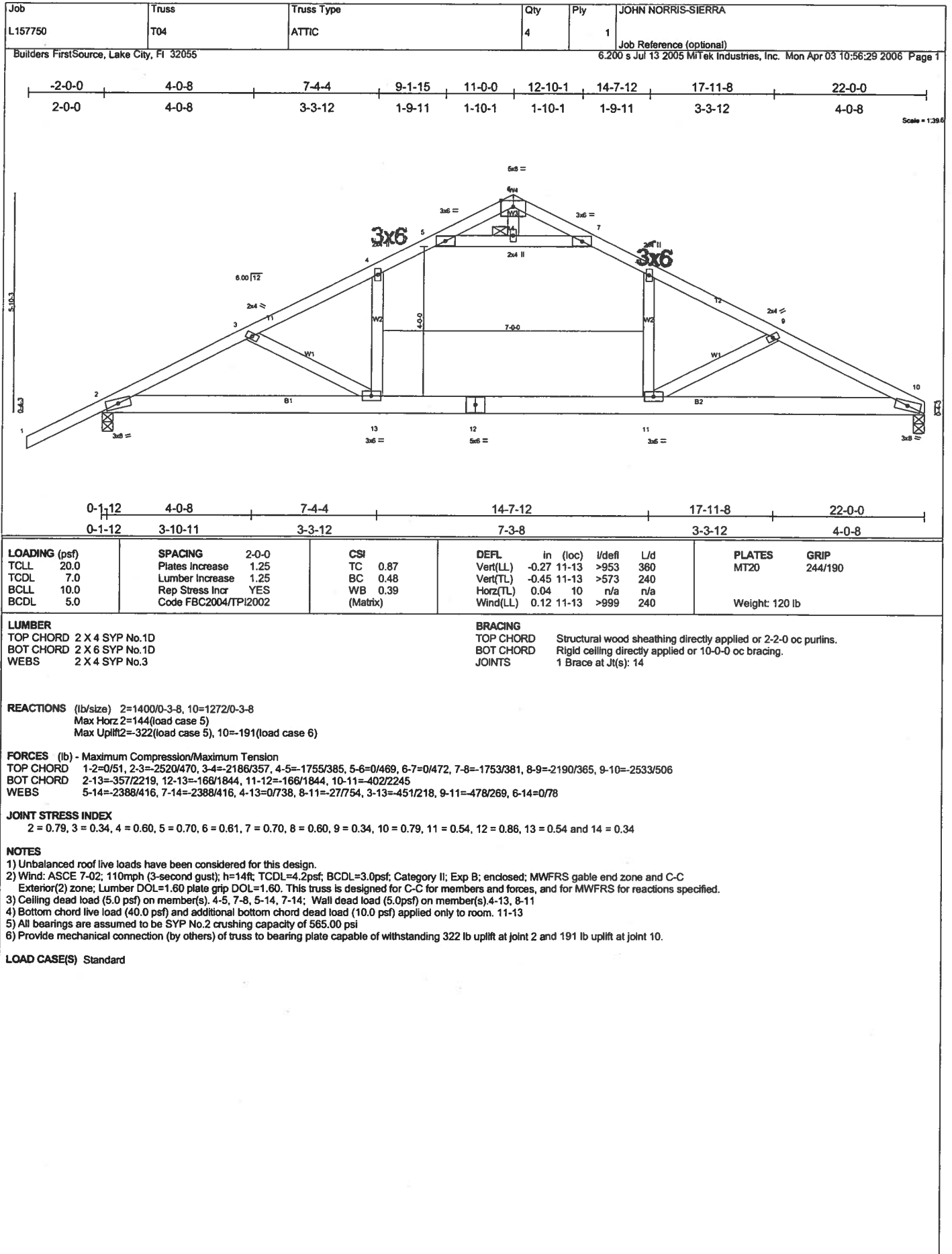
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/47, 2-3=-1505/635, 3-4=-1246/523, 4-5=-1074/519, 5-6=-1245/523, 6-7=-1505/635, 7-8=0/47
 BOT CHORD 2-11=-404/1305, 10-11=-210/1073, 9-10=-210/1073, 7-9=-404/1305
 WEBS 3-11=-273/221, 4-11=-59/313, 5-11=-100/103, 5-9=-58/314, 6-9=-274/221

JOINT STRESS INDEX
 2 = 0.80, 3 = 0.34, 4 = 0.40, 5 = 0.38, 6 = 0.34, 7 = 0.80, 9 = 0.35, 10 = 0.58 and 11 = 0.57

NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; 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 crushing capacity of 565.00 psi
 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 410 lb uplift at joint 2 and 410 lb uplift at joint 7.

LOAD CASE(S) Standard





Job L157750	Truss T05	Truss Type HIP	Qty 1	Ply 1	JOHN NORRIS-SIERRA
Builders FirstSource, Lake City, Fl 32055			6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Apr 03 10:53:55 2006 Page 1		

-2-0-0	7-0-0	11-6-14	16-0-0	20-5-2	25-0-0	32-0-0	34-0-0
2-0-0	7-0-0	4-6-14	4-5-2	4-5-2	4-6-14	7-0-0	2-0-0

Scale = 1:597

7-0-0	11-6-14	16-0-0	20-5-2	25-0-0	32-0-0
7-0-0	4-6-14	4-5-2	4-5-2	4-6-14	7-0-0

Plate Offsets (X,Y): [2-0-0-13,Edge], [8-0-0-13,Edge], [10-0-3-8,0-3-0], [12-0-5-0,0-4-12], [14-0-3-8,0-3-0]					
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.82	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.77	Vert(LL) -0.46 12 >833 240	MT20H	187/143
BCLL 10.0	Lumber Increase 1.25	WB 0.64	Vert(TL) -0.73 12 >521 180		
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.17 8 n/a n/a		
	Code FBC2004/TPI2002			Weight: 186 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SYP No.2	TOP CHORD Structural wood sheathing directly applied or 1-11-14 oc purlins.
BOT CHORD 2 X 6 SYP No.10	BOT CHORD Rigid ceiling directly applied or 5-3-4 oc bracing.
WEBS 2 X 4 SYP No.3	WEBS 1 Row at midpt 4-14, 6-10

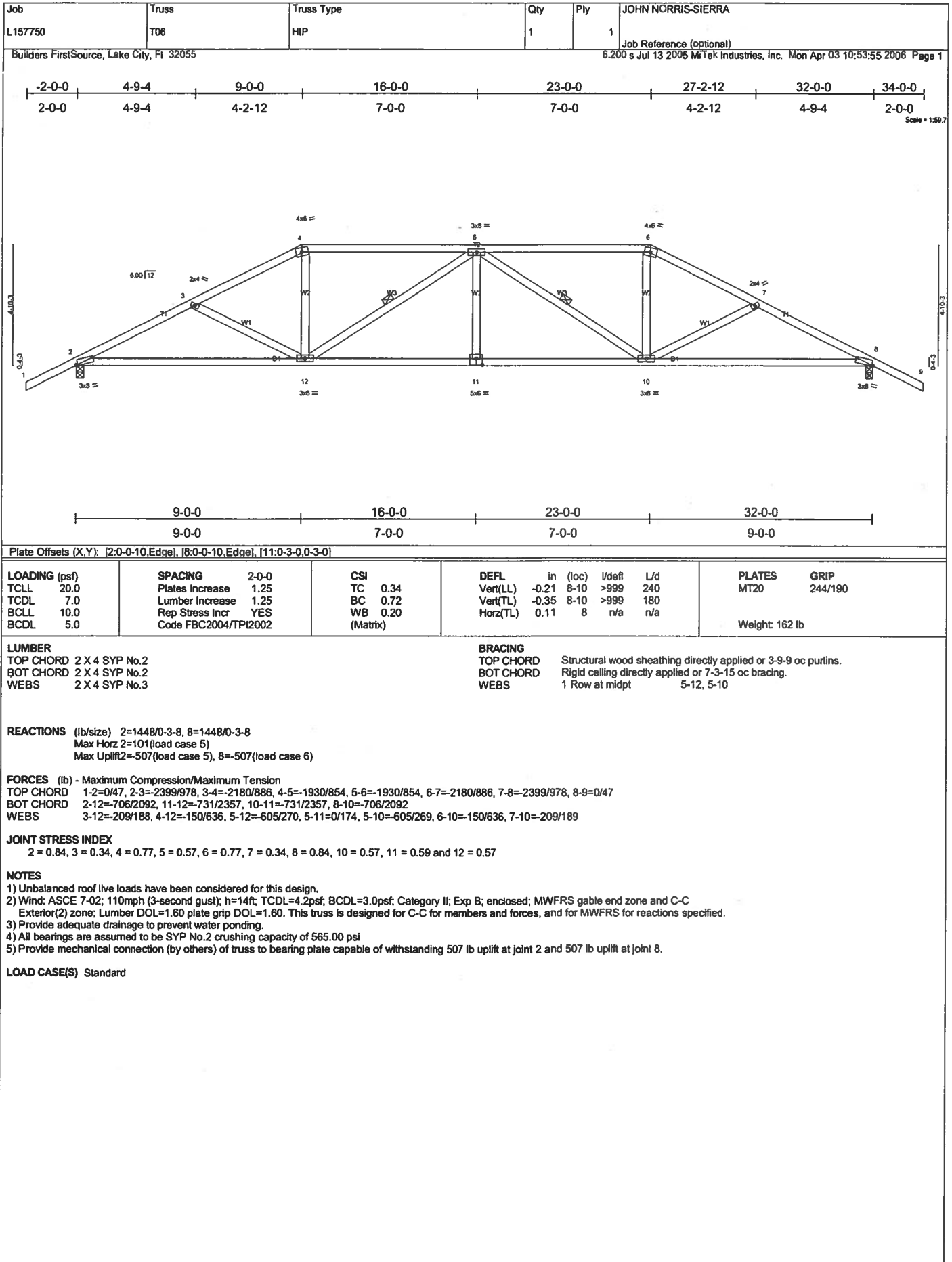
REACTIONS (lb/size) 2=2801/0-3-8, 8=2801/0-3-8
 Max Horz 2=-89(load case 5)
 Max Uplift 2=-1131(load case 4), 8=-1131(load case 5)

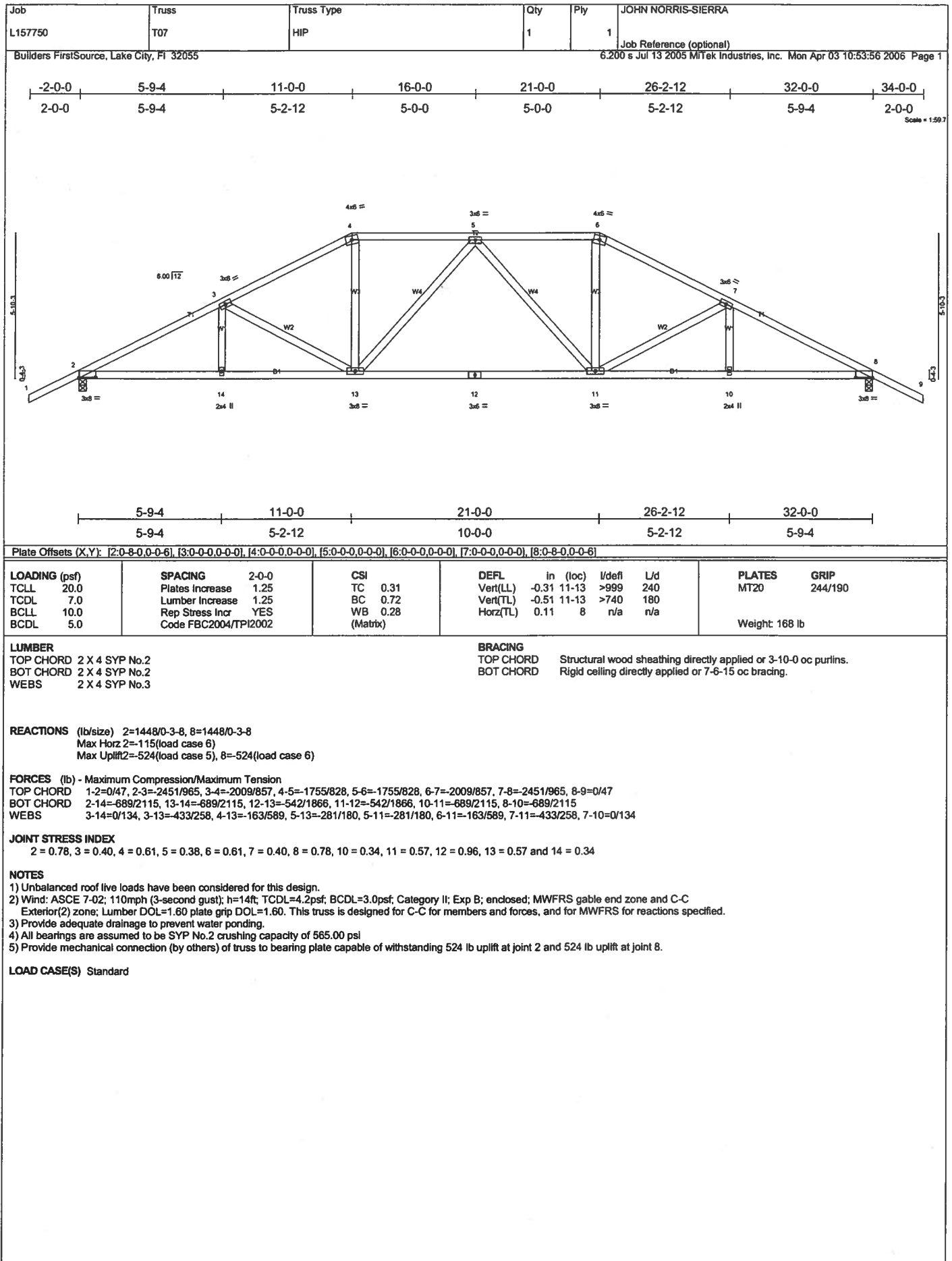
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/51, 2-3=-5417/2142, 3-4=-4845/1981, 4-5=-6781/2785, 5-6=-6781/2785, 6-7=-4845/1981, 7-8=-5417/2142, 8-9=0/51
 BOT CHORD 2-14=-1870/4762, 13-14=-2539/6325, 12-13=-2539/6325, 11-12=-2507/6325, 10-11=-2507/6325, 8-10=-1831/4762
 WEBS 3-14=-718/1986, 4-14=-1976/892, 4-13=0/311, 4-12=-249/611, 5-12=-486/367, 6-12=-250/611, 6-11=0/311, 6-10=-1976/892, 7-10=-718/1986

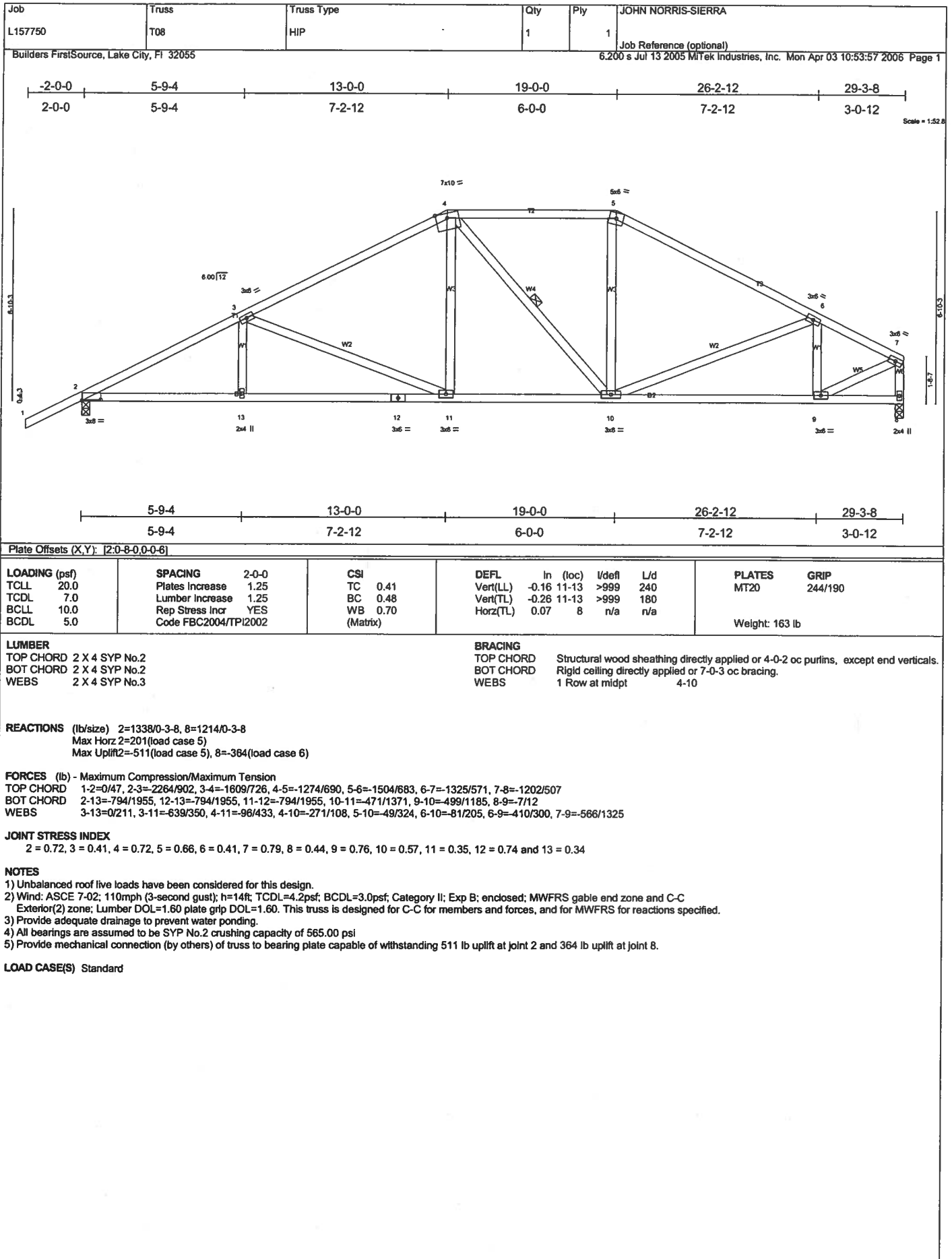
JOINT STRESS INDEX
 2 = 0.81, 3 = 0.89, 4 = 0.96, 5 = 0.34, 6 = 0.96, 7 = 0.89, 8 = 0.81, 10 = 0.55, 11 = 0.34, 12 = 0.99, 13 = 0.34 and 14 = 0.55

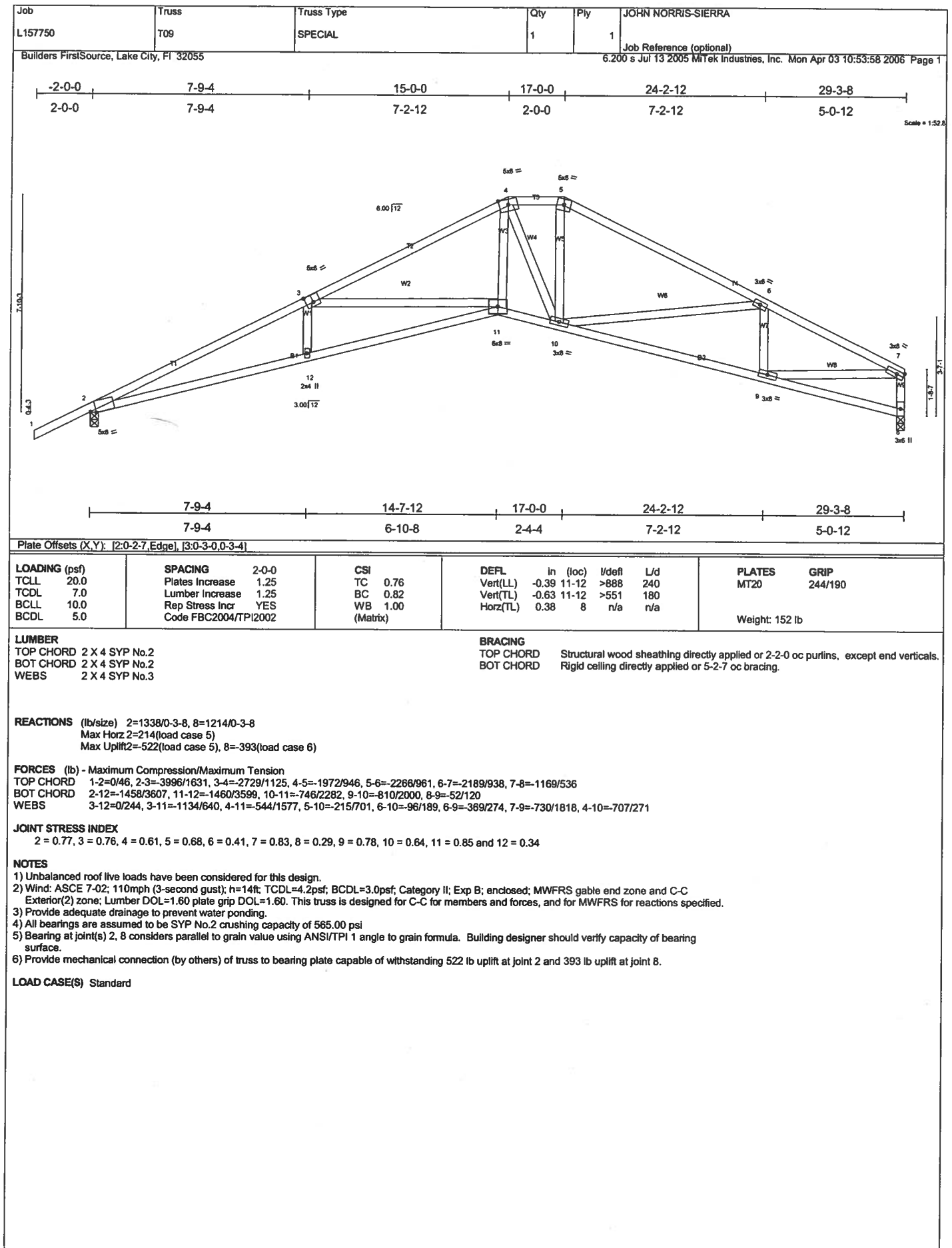
NOTES
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDL=4.2psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
 3) Provide adequate drainage to prevent water ponding.
 4) All plates are MT20 plates unless otherwise indicated.
 5) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1131 lb uplift at joint 2 and 1131 lb uplift at joint 8.
 7) Girder carries hip end with 7-0-0 end setback.
 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 539 lb down and 255 lb up at 25-0-0, and 539 lb down and 255 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

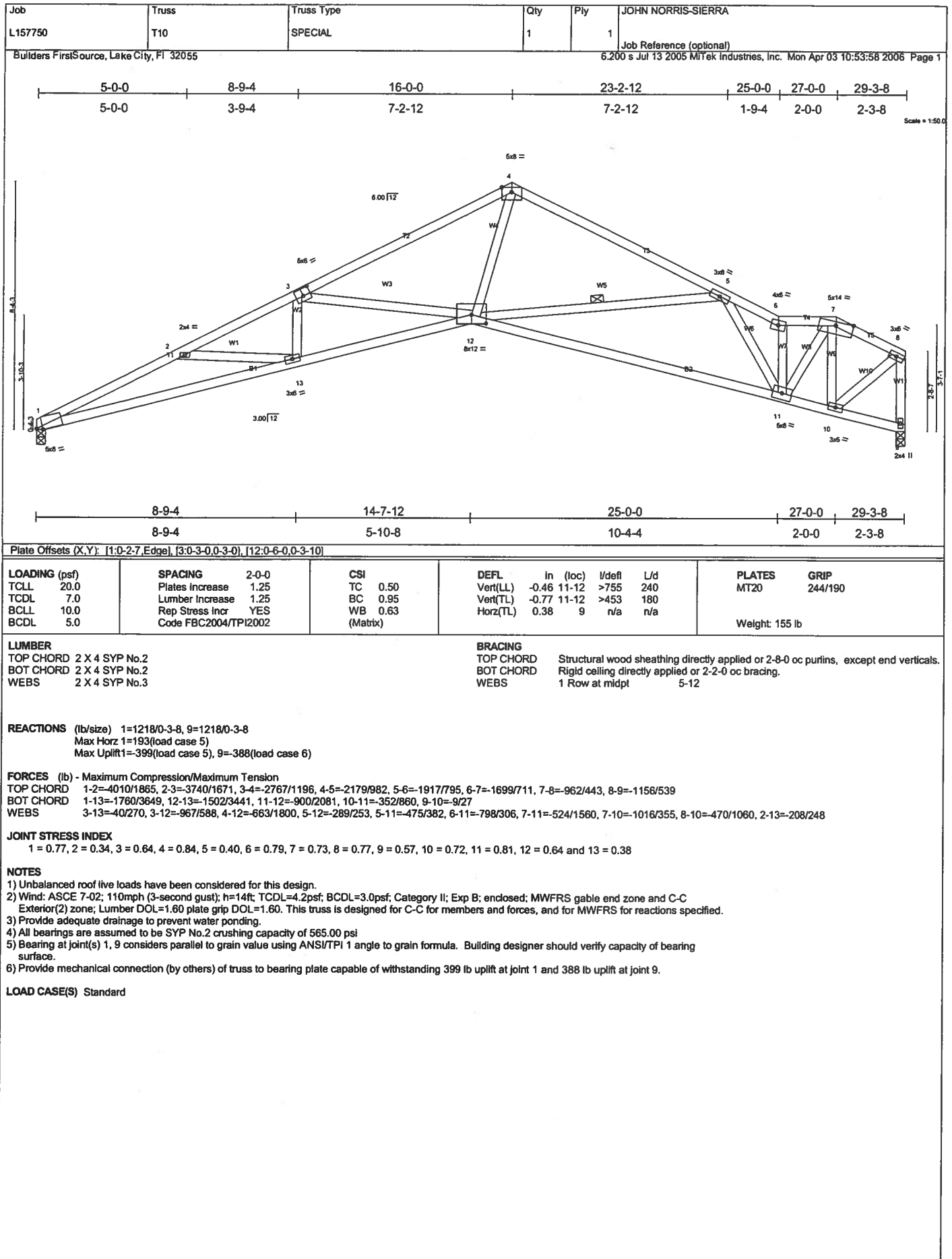
LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
 Uniform Loads (plf)
 Vert 1-3=-54, 3-7=-113(F=-59), 7-9=-54, 2-14=-30, 10-14=-62(F=-33), 8-10=-30
 Concentrated Loads (lb)
 Vert 14=-539(F) 10=-539(F)

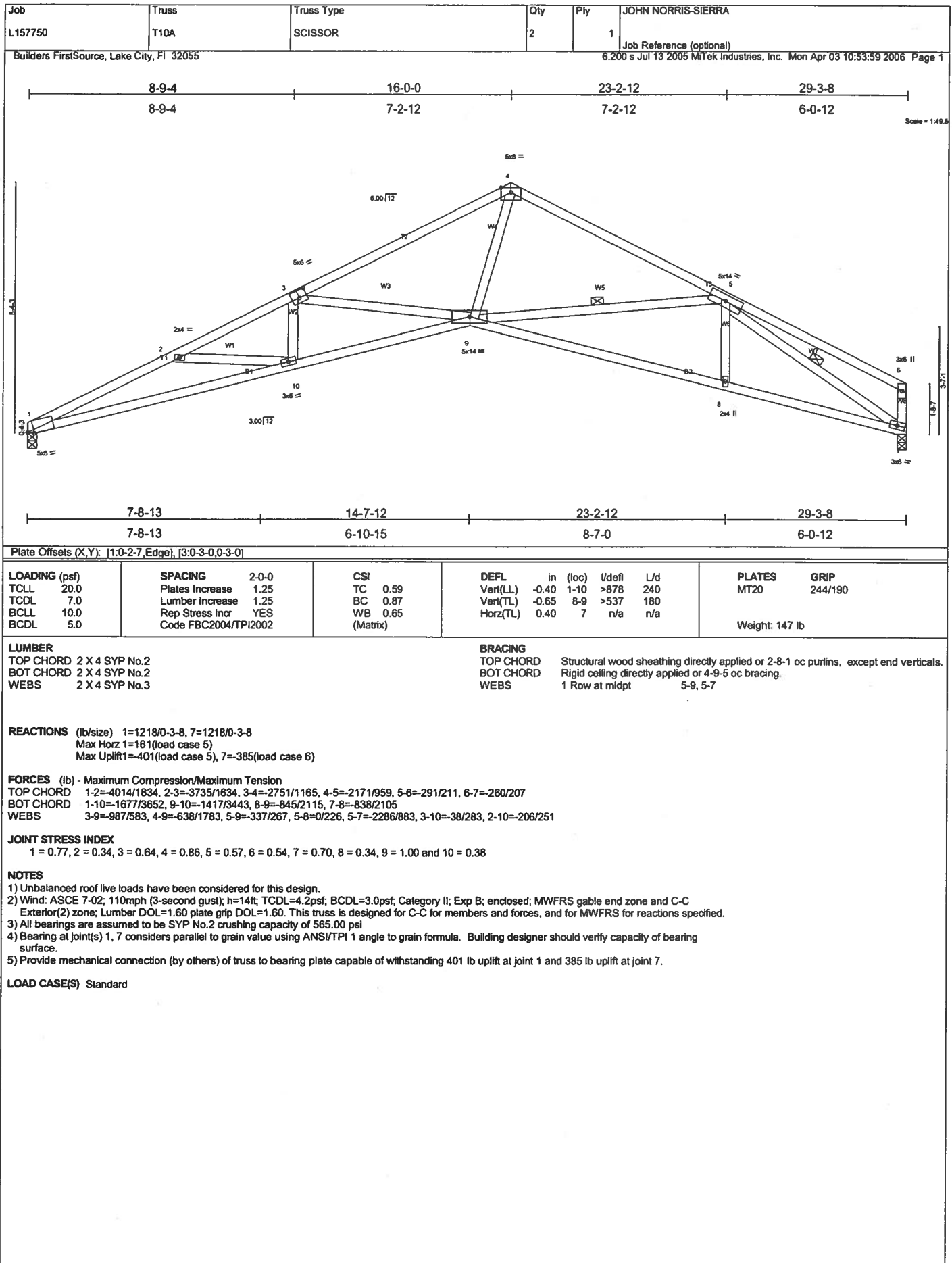


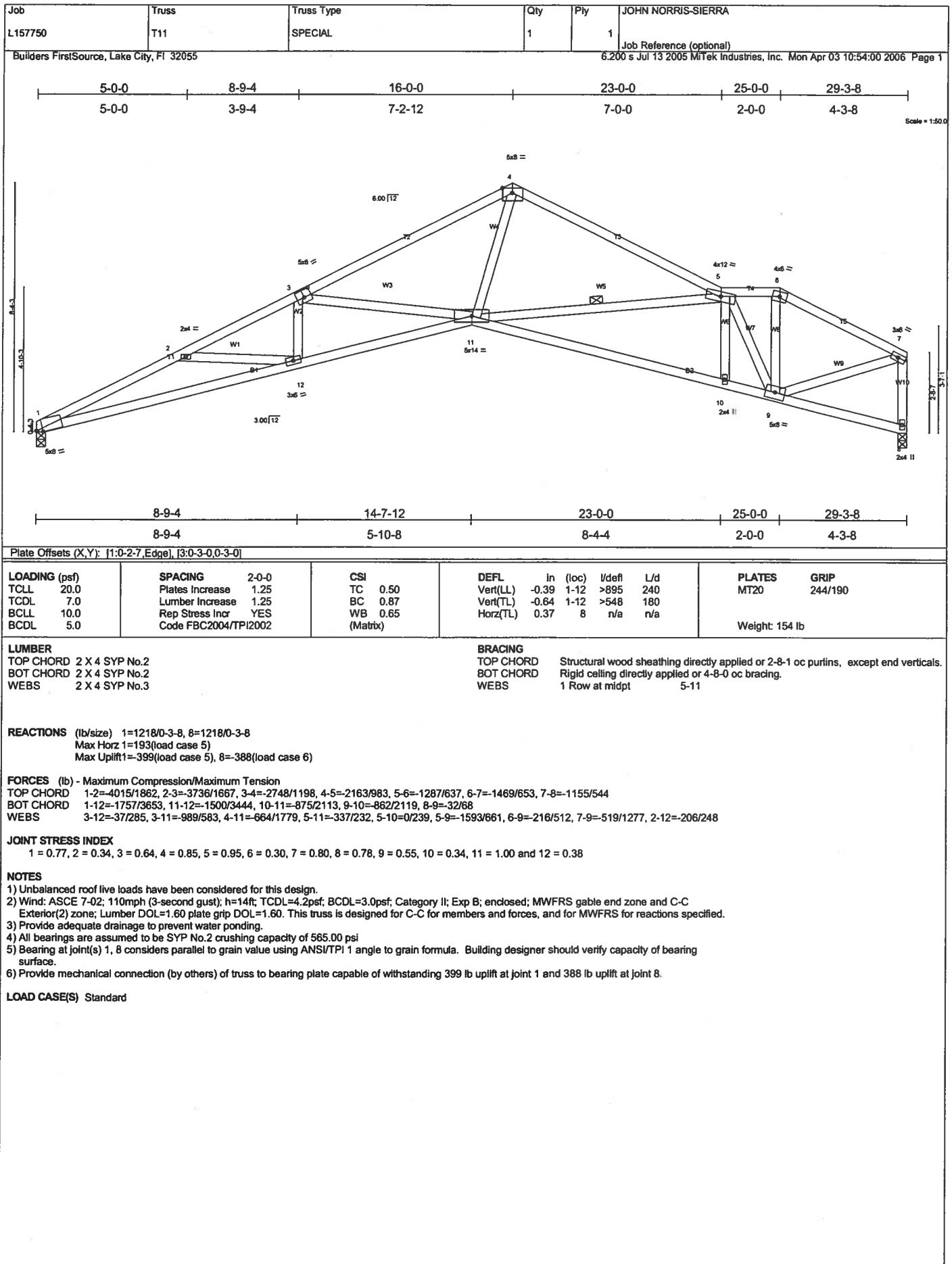


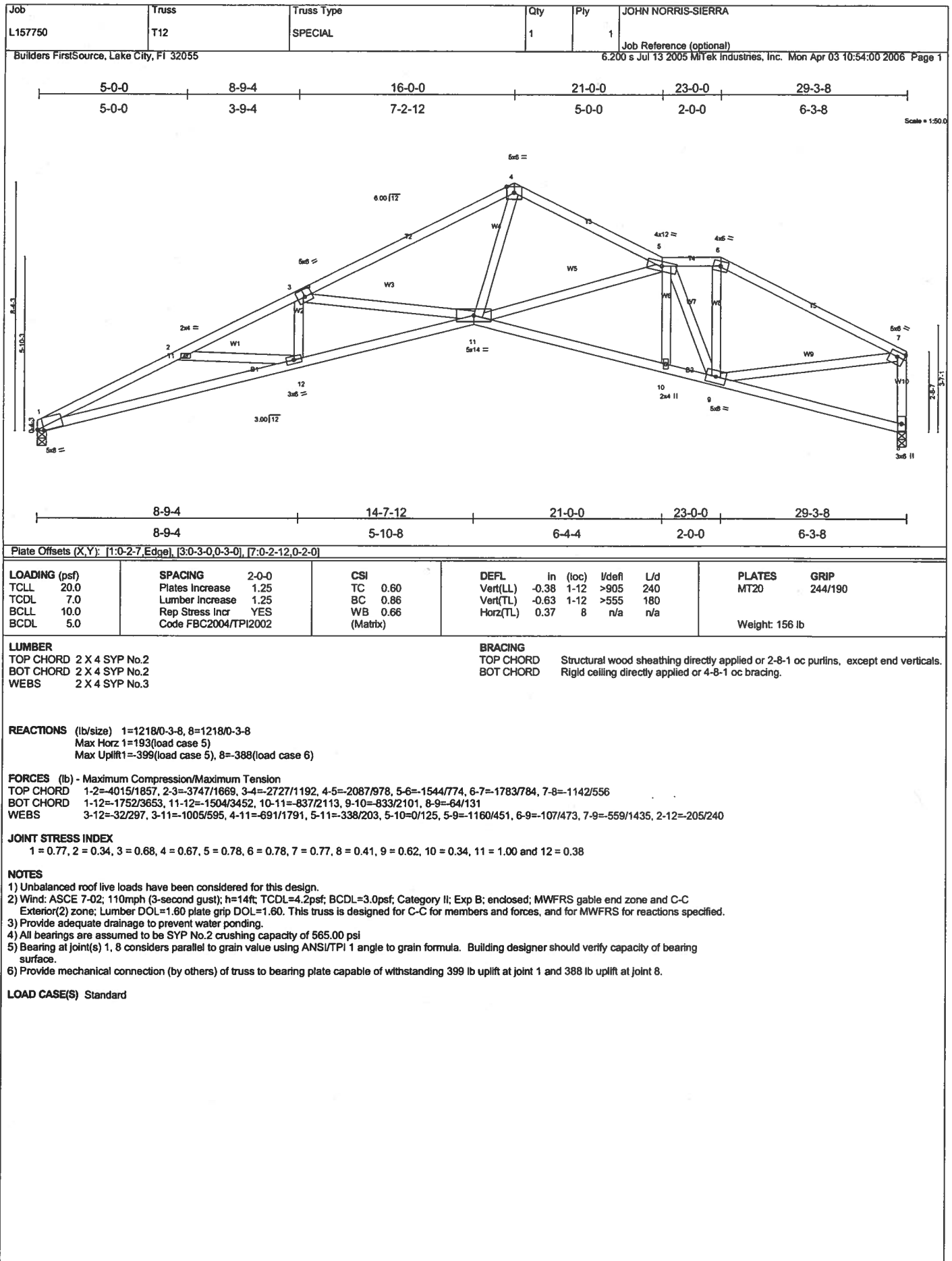


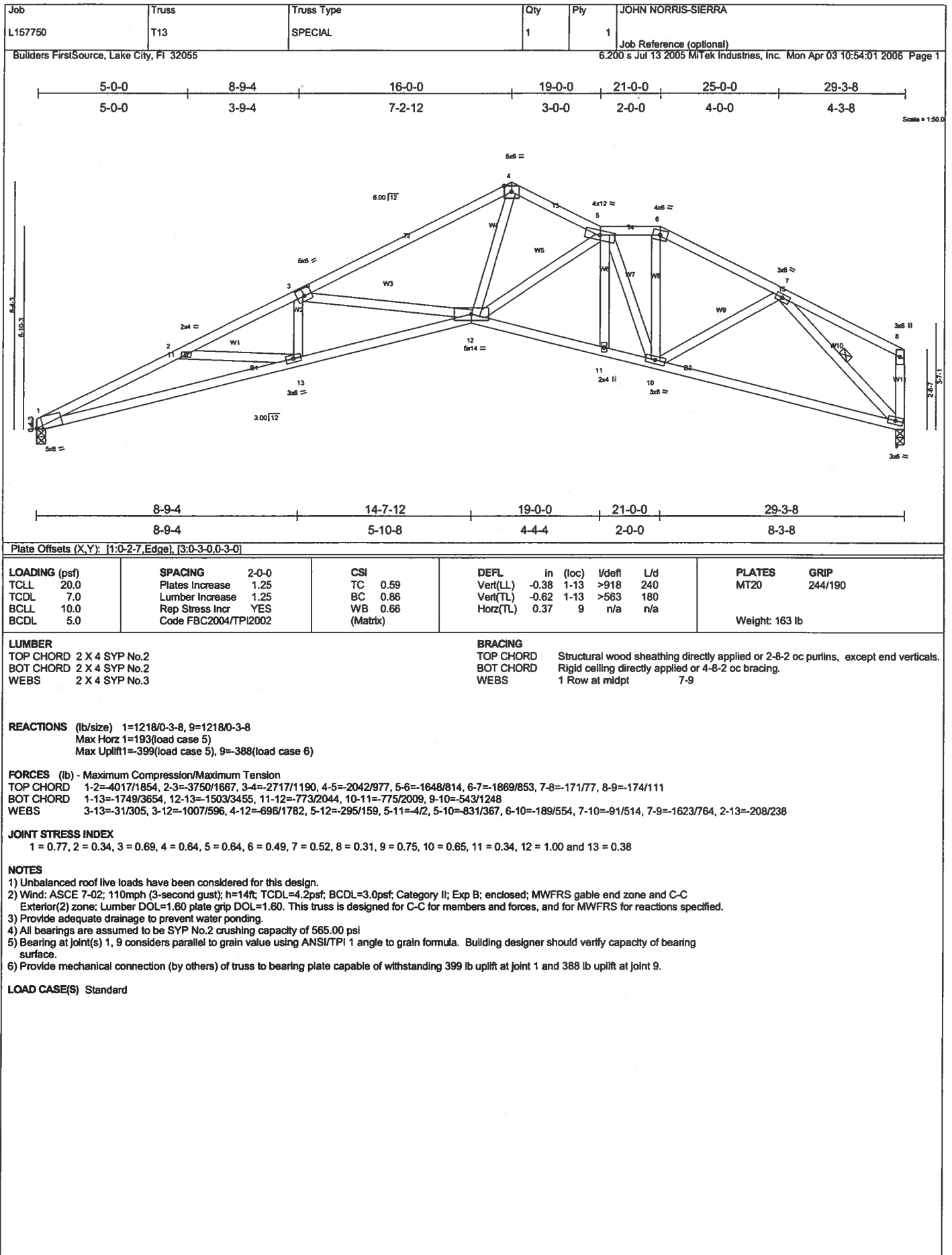


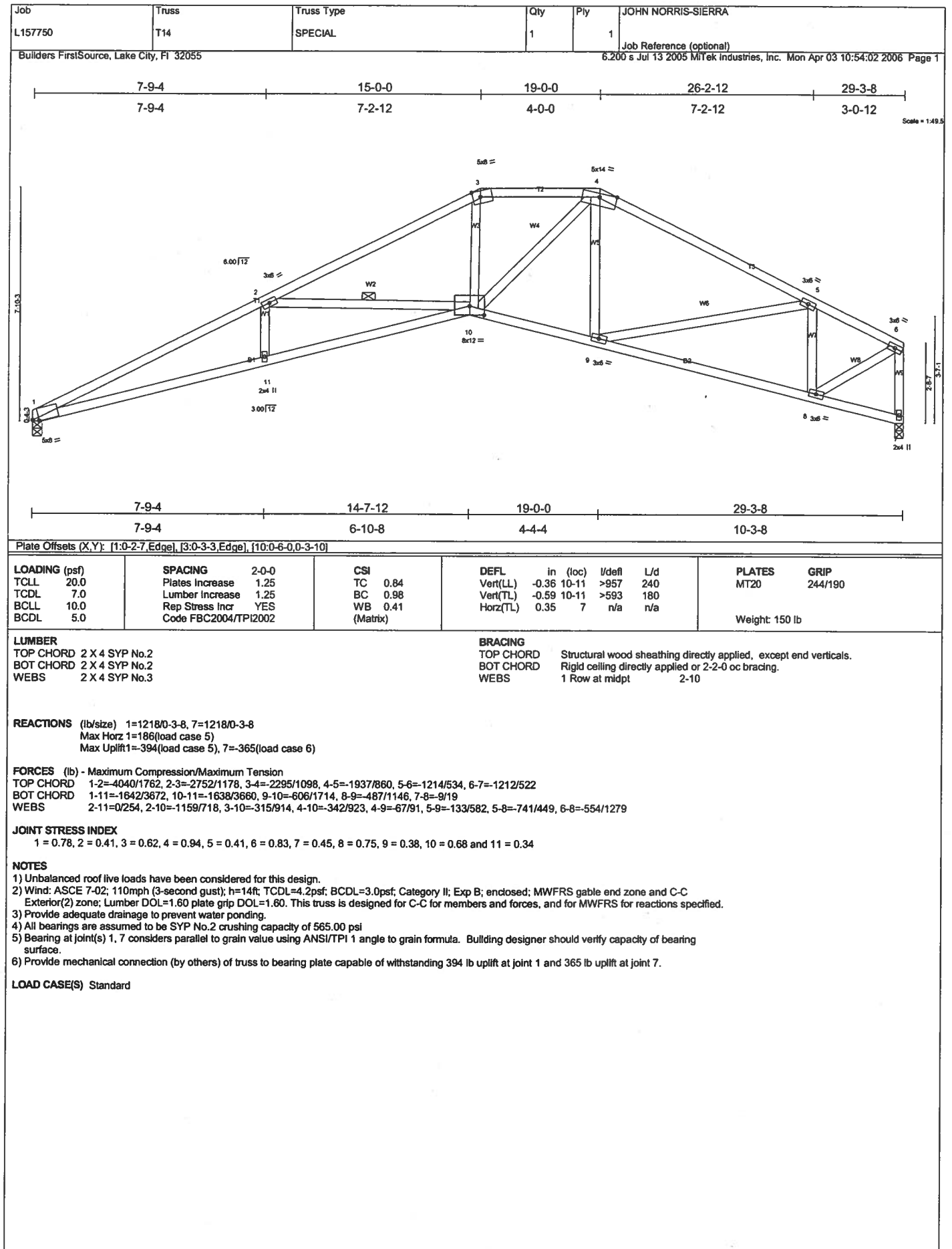


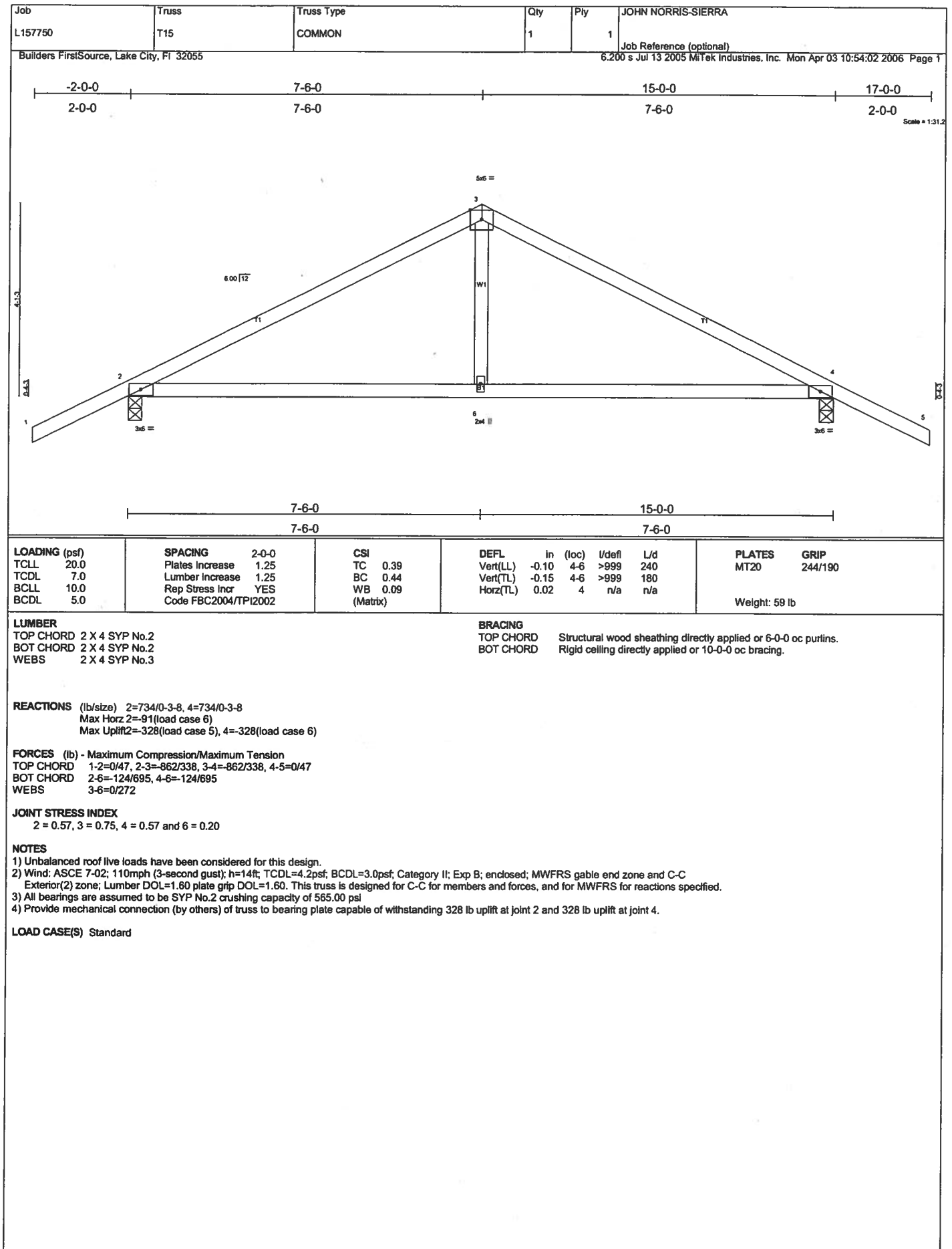












Job	Truss	Truss Type	Qty	Ply	JOHN NORRIS-SIERRA
L157750	T15H	SPECIAL	1	1	Job References (optional)

Builders FirstSource, Lake City, FL 32055

6.200 s Jul 13 2005 MiTek Industries, Inc. Mon Apr 03 10:54:03 2006 Page 1

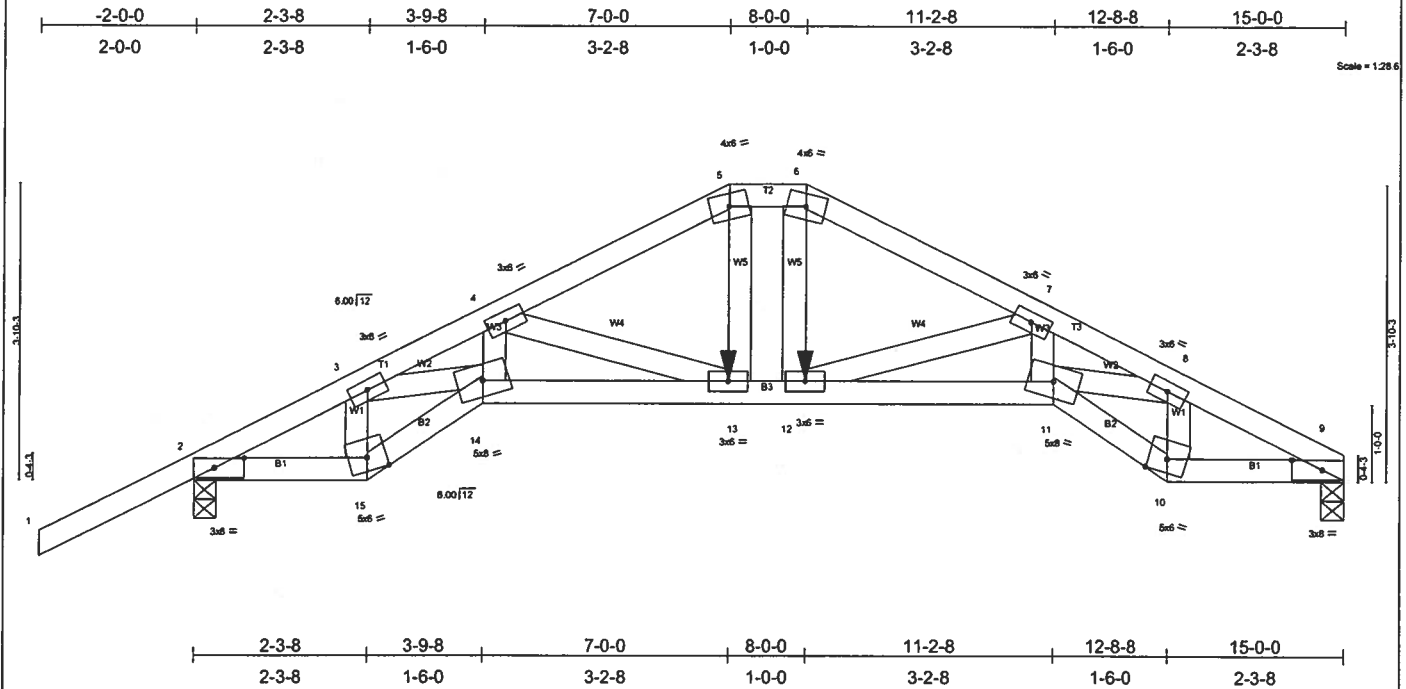


Plate Offsets (X,Y): [2-0-4-12,0-1-8], [9-0-4-12,0-1-8]									
LOADING (psf)		SPACING 2-0-0		CSI		DEFL		PLATES	
TCLL	20.0	Plates Increase	1.25	TC	0.30	in (loc)	l/defl	L/d	GRIP
TCDL	7.0	Lumber Increase	1.25	BC	0.84	Vert(LL)	-0.16 11-12	>919	240
BCLL	10.0	Rep Stress Incr	NO	WB	0.57	Vert(TL)	-0.25 11-12	770	180
BCDL	5.0	Code FBC2004/TPI2002		(Matrix)		Horz(TL)	0.17 9	n/a	n/a
									Weight: 77 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 3-0-13 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-2-14 oc bracing.

REACTIONS (lb/size) 9=1053/0-3-8, 2=1186/0-3-8
Max Horz 2=112(load case 4)
Max Uplift 9=-362(load case 5), 2=-497(load case 4)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD	1-2=0/47, 2-3=1936/598, 3-4=3712/1193, 4-5=2342/793, 5-6=2134/750, 6-7=2341/791, 7-8=3785/1261, 8-9=2036/694
BOT CHORD	2-15=480/1647, 14-15=518/1807, 13-14=510/3167, 12-13=634/2134, 11-12=1014/3220, 10-11=624/1921, 9-10=575/1750
WEBS	3-15=916/326, 3-14=611/1773, 4-14=220/887, 4-13=1134/414, 5-13=281/859, 6-12=283/863, 7-12=1191/463, 7-11=274/945, 8-11=522/1734, 8-10=933/327

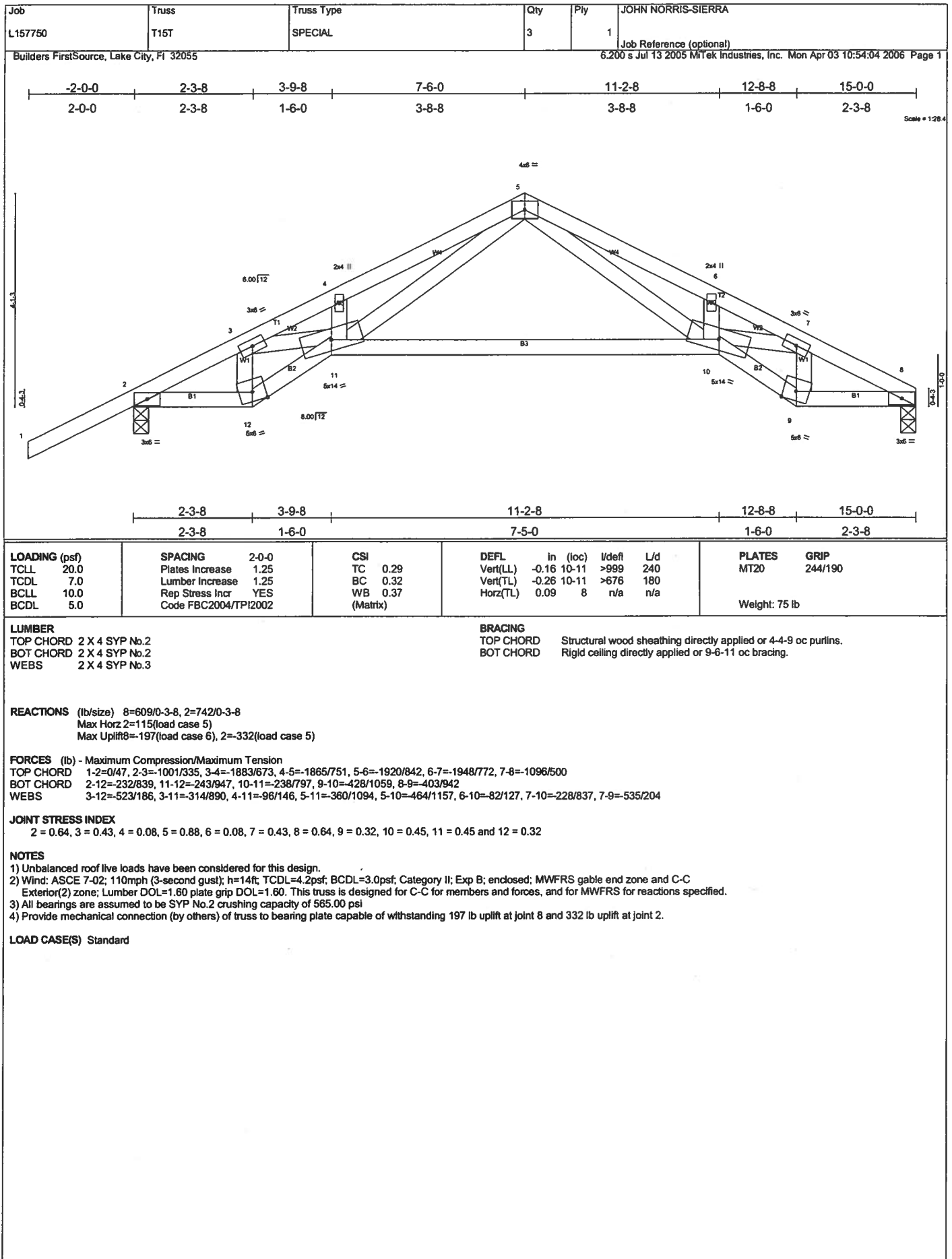
JOINT STRESS INDEX
2 = 0.73, 3 = 0.86, 4 = 0.70, 5 = 0.47, 6 = 0.47, 7 = 0.70, 8 = 0.86, 9 = 0.71, 10 = 0.53, 11 = 0.97, 12 = 0.56, 13 = 0.56, 14 = 0.97 and 15 = 0.53

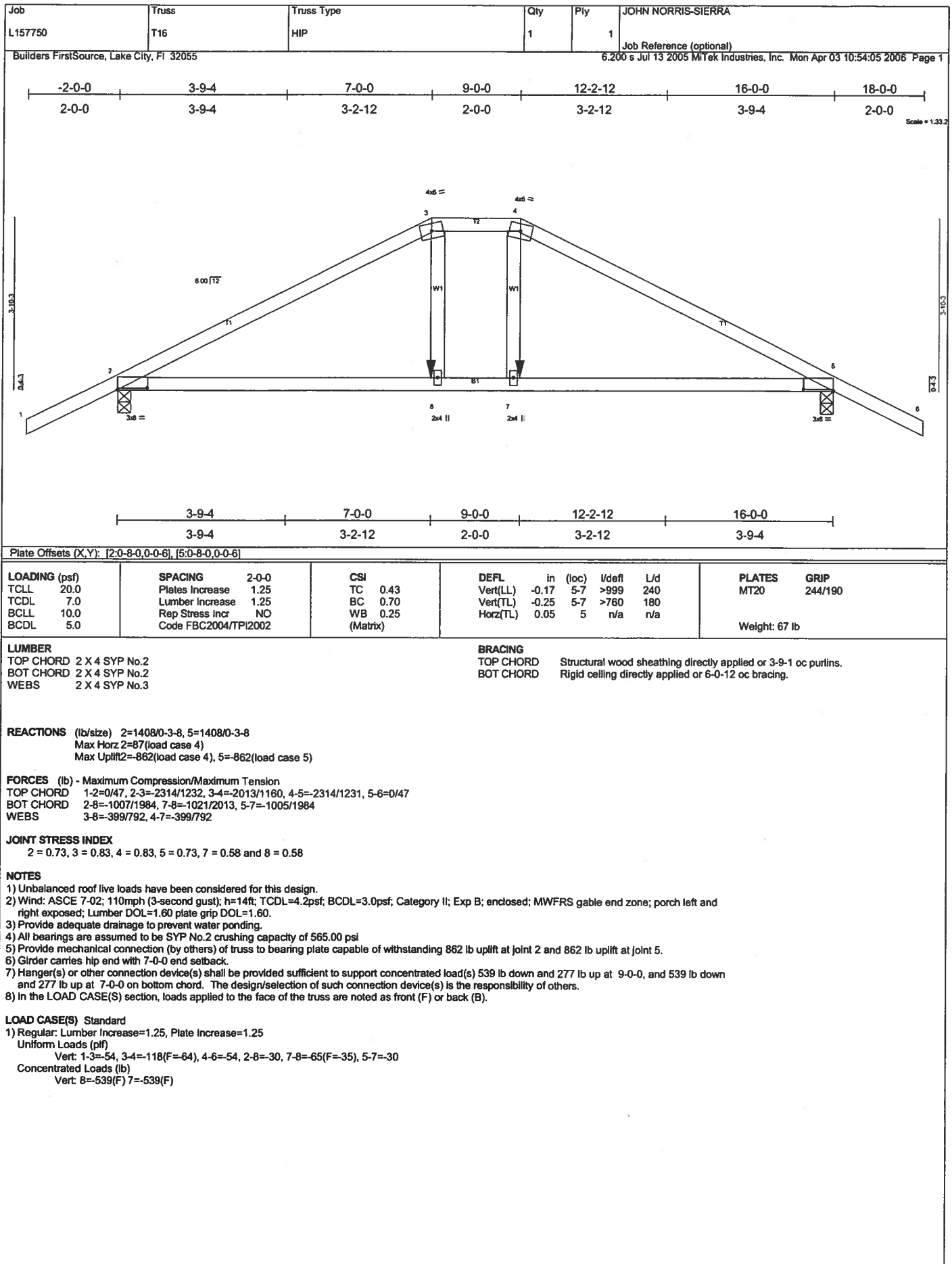
NOTES

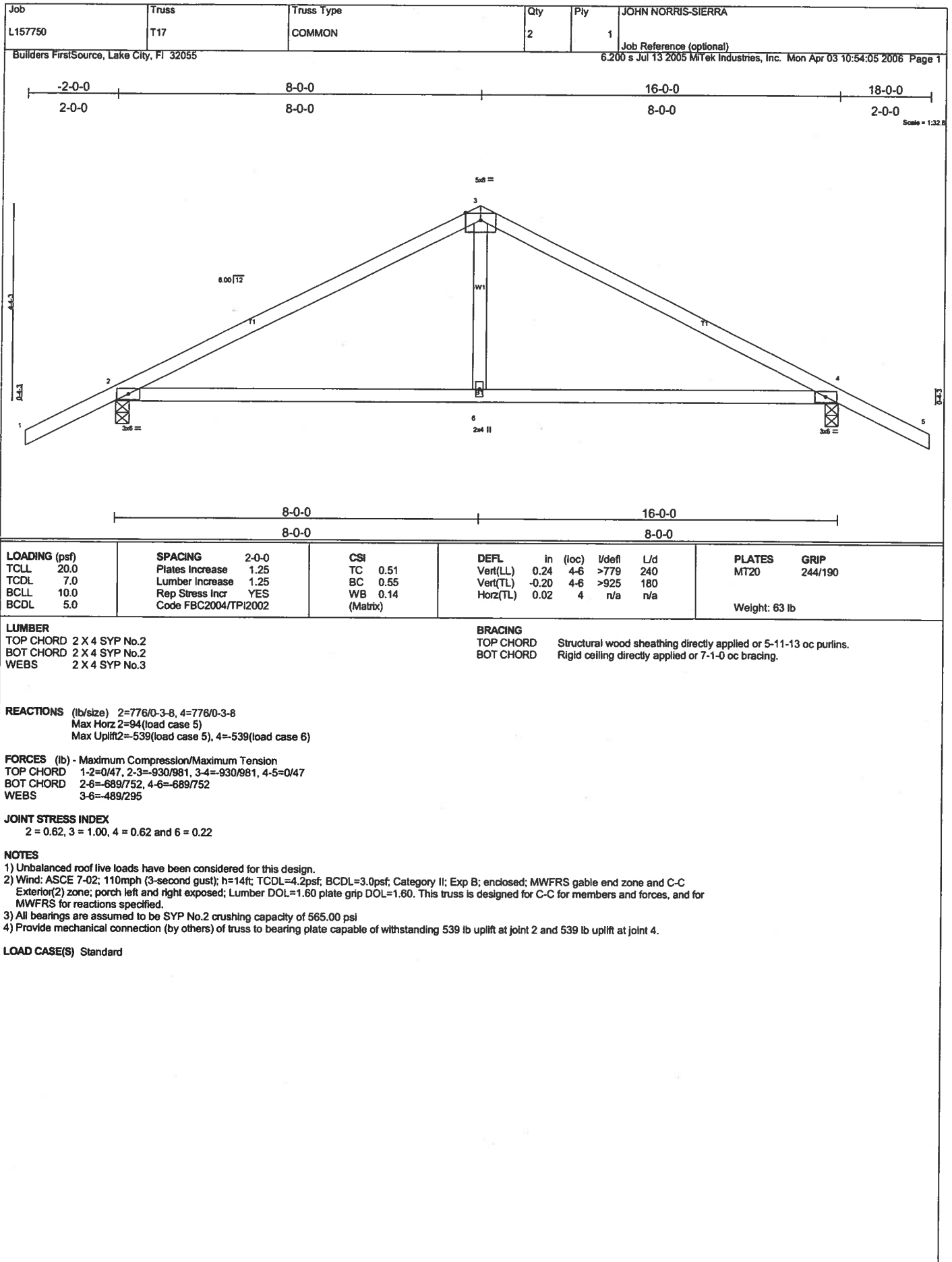
- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-02; 110mph (3-second gust); h=14ft; TCDF=4.2psf; BCDF=3.0psf; Category II; Exp B; enclosed; MWFRS gable end zone; Lumber DOL=1.60 plate grip DOL=1.60.
- 3) Provide adequate drainage to prevent water ponding.
- 4) All bearings are assumed to be SYP No.2 crushing capacity of 565.00 psi
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 362 lb uplift at joint 9 and 497 lb uplift at joint 2.
- 6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 400 lb down and 151 lb up at 7-0-0, and 400 lb down and 151 lb up at 8-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 7) In the LOAD CASE(s) section, loads applied to the face of the truss are noted as front (F) or back (B).

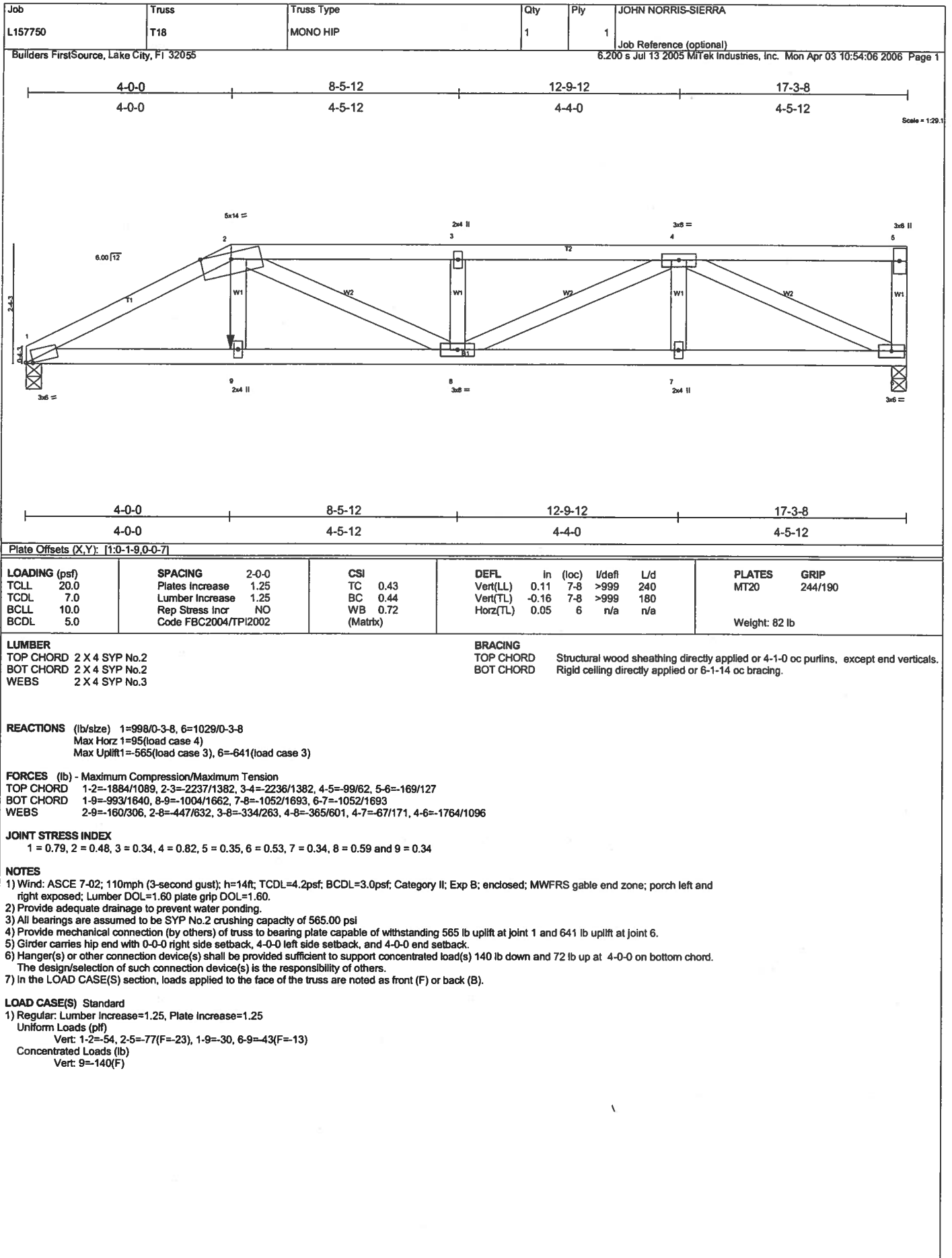
LOAD CASE(S) Standard

- 1) Regular: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=54, 5-6=-117(F=-63), 6-9=54, 2-15=30, 14-15=30, 13-14=30, 12-13=65(F=35), 11-12=30, 10-11=30, 9-10=30
Concentrated Loads (lb)
Vert: 13=400(F) 12=400(F)







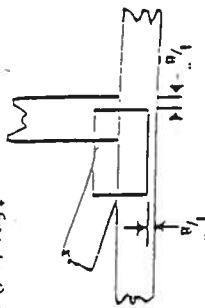


Symbols

PLATE LOCATION AND ORIENTATION



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



* For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical weld.



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

PLATE SIZE



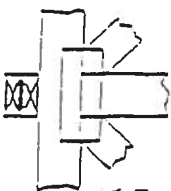
The first dimension is the width perpendicular to slits. Second dimension is the length parallel to slits.

LATERAL BRACING



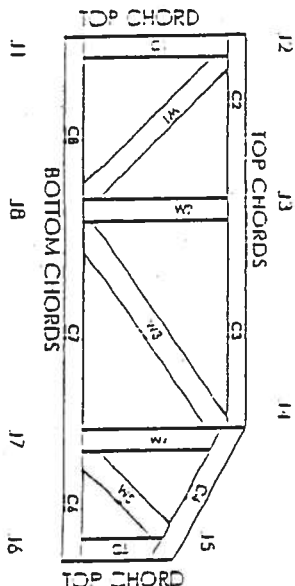
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



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

WEBS ARE NUMBERED FROM LEFT TO RIGHT

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 96-67
ICBO	3907, 4922
SBCCI	9667, 9432A
WISC/DITIR	960022-W, 970036-11
HER	561



MITel Engineering Reference Sheet: MIT-7473

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and waste at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length (1.5' from adjacent joint).
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plying requirements.
9. Lumber shall be of the species and size and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at (1) 11' spacing, or less. If no ceiling is installed, unless otherwise noted.
12. Anchorage and / or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with loads of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

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