

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

INSPECTION
PERMIT

PERMIT ISSUED
Permit Number: 060681
JUL - 5 2006
CITY OF PORTLAND

This is to certify that BLANCHARD JAMES P & NE E BLANCHARD JTS/Asst Co
has permission to Build a Single Family Home 28' x 32' w/ car garage
AT 0 VERRILL ST L 301 B00280

provided that the person or persons in charge of the work in accepting this permit shall comply with all of the provisions of the Statutes of the State and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and when permission is procured before this building or structure is started or closed-in. 4 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS
Fire Dept. _____
Health Dept. _____
Appeal Board _____
Mher _____
DepartmentName

Thomas M. M... 7/5/06
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit

389 Congress Street. 04101 Tel: (207) 874-8703. Fax: (207) 874-8716

Permit No: 06-068 1	Date Applied For: 05/05/2006	CBL: 301 B002001
-------------------------------	--	----------------------------

Location of Construction: 3 VERRILL ST	Owner Name: BLANCHARD JAMES P & JANE	Owner Address: 163 BELFORT ST	Phone:
Business Name:	Contractor Name: Albair Construction	Contractor Address: 10 Alexander Drive Cape Elizabeth	Phone (207) 831-9338
Lessee/Buyer's Name	Phone:	Permit Type: Single Family	

Proposed Use: Single Family Home/ Build a Single Family Home 42' x 32' w/ 2 car garage		Build a Single Family Home 42' x 32' w/ 2 car garage
--	--	--

Dept: Zoning	Status: Approved with Conditions	Reviewer: Ann Machado	Approval Date: 06/20/2006
Note:			Ok to Issue: <input checked="" type="checkbox"/>
<ol style="list-style-type: none"> As discussed during the review process, the property must be clearly identified prior to pouring concrete and compliance with the required setbacks must be established. Due to the proximity of the setbacks of the proposed addition, it may be required to be located by a surveyor. This property shall be a single family dwelling. Any change of use shall require a separate permit application for review and approval. This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work. 			

Dept: Building	Status: Approved	Reviewer: Tom Markley	Approval Date: 07/05/2006
Note:			Ok to Issue: <input checked="" type="checkbox"/>
<ol style="list-style-type: none"> Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work. The design load spec sheets for any engineered beam(s) must be submitted to this office. Separate permits are required for any electrical, plumbing, or heating. 			

Comments:

6/13/2006-dmartin: Recieved on 6/12 revised site plan, gentleman who dropped them off was not sure who requested them so I have re-routed to the appropriate depts/ dm



General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>0 Verrill St. after #96 (next to)</u>		
Total Square Footage of Proposed Structure		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# Block# Lot#	Owner: <u>JAMES BLANCHARD</u>	Telephone: <u>450-3004</u>
<u>301 12-3</u>		
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>JAMES BLANCHARD</u> <u>163 BELFORD ST</u> <u>PORTLAND ME 04103</u> <u>450-3004</u>	cost Of Work: \$ <u>175,000</u> Fee: \$ _____ C of O Fee: \$ <u>75</u>
Current Specific use: <u>Garage</u>	Proposed Specific use: _____	
Project description: <u>Single Family Home -</u> <u>42' x 32' w/ 2 car garage -</u>		
Contractor's name, address & telephone: <u>Albair Construction</u> <u>10 Alexander Dr Cape Elizabeth</u>		
Who should we contact when the permit is ready: <u>Tim Albair</u>		
Mailing address: <u>831-9338</u> <u>04107</u>		

DEPT OF BUILDING INSPECTION
 CITY OF PORTLAND, ME
 5 2006
 \$1596
 300
 75

Please submit all of the information outlined in the Commercial Application Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information visit us on-line at www.portlandmaine.gov, stop by the Building Inspections office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: <u>James Blanchard</u>	Date: <u>5-1-06</u>
--	---------------------

This is not a permit; you may not commence ANY work until the permit is issued.

Applicant: James Blanchard

Date: 5/23/06

Address: Vernal St [to left of street] (after #96)

C-B-L: 301-13-002 (001:003)

CHECK-LIST AGAINST ZONING ORDINANCE

Date - new

Zone Location - R3

Interior or corner lot -

Proposed Use/Work - build new single family - 1 1/2 stories 32'x42' w/ 30'x24' attached garage

Sewage Disposal - city

Lot Street Frontage - 50' min. - 90' given

Front Yard - 25' min. - 25.5' to deck scaled

Rear Yard - 25' min. - 26' to deck scaled

Side Yard - 1 1/2 8' min 9' on left & right. scaled.
2 14' min

Projections - front deck 24'x6', rear deck 26'x9.5', ramp 4x3.5

Width of Lot - 65' min. - 90' scaled

Height - 35' max. - 17.75' scaled

Lot Area - 6,500 sq ft min. - 8940.68 sq ft given

Lot Coverage Impervious Surface - 35% 3129.24 sq ft

Area per Family - 6,500 sq ft

Off-street Parking - 2 spaces required. - 2 car garage shown

Loading Bays - N/A

Site Plan - minor/minor 2006-0085

Shoreland Zoning/Stream Protection - N/A

Flood Plains - panel 6 zone x

32 x 42 = 1344

30 x 24 = 720

24 x 6 = 144

26 x 9.5 = 247

4 x 3.5 = 14

2469 sq ft

**CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM
Zoning Copy**

2006-0085 _____

Application I. D. Number

5/5/2006 _____

Application Date

Blanchard James P & _____

Applicant

163 Belfort St, Portland, ME 04103 _____

Applicant's Mailing Address

Tim Albair _____

Consultant/Agent

Agent Ph: (207)831-9338 _____

Agent Fax: _____

Applicant or Agent Daytime Telephone, Fax

Marge Schmuckal _____

Verrill St, Portland, Maine _____

Address of Proposed Site

301 BOO2001 _____

Assessor's Reference: Chart-Block-Lot

Single Family Home _____

Project Name/Description

Proposed Development (check all that apply): New Building Building Addition Change Of Use Residential Office Retail
 Manufacturing Warehouse/Distribution Parking Lot Other (specify) _____

Proposed Building square Feet or # of Units _____

Acreage of Site _____

Zoning _____

Check Review Required:

Site Plan
(major/minor)

Subdivision
of lots _____

PAD Review

14-403 Streets Review

Flood Hazard

Shoreland

Historic Preservation

DEP Local Certification

Zoning Conditional
Use (ZBA/PB)

Zoning Variance

Other _____

Fees Paid: Site Pla _____

\$50.00 Subdivision _____

Engineer Review **\$250.00** _____

Date **5/5/2006** _____

Zoning Approval Status:

Reviewer _____

Approved

Approved w/Conditions
See Attached

Denied

Approval Date _____

Approval Expiration _____

Extension to _____

Additional Sheets
Attached

Condition Compliance _____

signature

date

Performance Guarantee

Required*

Not Required

* No building permit may be issued until a performance guarantee has been submitted as indicated below

Performance Guarantee Accepted

_____ date

_____ amount

_____ expiration date

Inspection Fee Paid

_____ date

_____ amount

Building Permit Issue

_____ date

Performance Guarantee Reduced

_____ date

_____ remaining balance

_____ signature

Temporary Certificate of Occupancy

_____ date

Conditions (See Attached)

_____ expiration date

Final Inspection

_____ date

_____ signature

Certificate Of Occupancy

_____ date

Performance Guarantee Released

_____ date

_____ signature

Defect Guarantee Submitted

_____ submitted date

_____ amount

_____ expiration date

Defect Guarantee Released

_____ date

_____ signature





McLaughlin Roof Trusses Ltd.

1885 Route 103
 Wakefield, New Brunswick
 E7M 1B1
 Tel (506) 375-4105
 Fax (506) 375-4942

Bill To:

Blanchard, Jim and Jane
 163 Belfort Street
 Portland, ME, 04103
 USA
 Tel 207-450-3004

Currency: US

Job Name	Date Quoted	Date Reuired	Quoted By	Ship Via	FOB
10516	12/1/2005		Kristin	McLaughlins	Portland

Quote Number	Lot Number				

Trusses

Profile	Mark	Qty	Ply	Pitch	BCPitch	Type	Span	Lumber		Overhang	
				Top				TC	BC	Left	Right
	-A-	5	1	9 00		ATP2	38-0-0	2 x 8	2 x 4	2-0-0	2-0-0
	-AI-	7	1	9 00		ATP2	38-0-0	2 x 8	2 x 4	2-0-0	2-0-0
	-AGIR-	12	3	9 00		ATP2	38-0-0	2 x 8	2 x 6	2-0-0	2-0-0
	-ACAP-	16	1	9 00		PB	10-8-10	2 x 4	2 x 4	0-0-0	0-0-0
	-B-	14	1	9 00		ATP2	32-0-0	2 x 8	2 x 4	2-0-0	2-0-0
	-BGIR-	4	2	9 00		ATP2	32-0-0	2 x 8	2 x 6	2-0-0	2-0-0
	-BCAP-	16	1	9 00		PB	8-10-10	2 x 4	2 x 4	0-0-0	0-0-0
	-C-	15	1	9 00		4 3	24-0-0	2 x 4	2 x 4	2-0-0	2-0-0
	-CGAB-	1	1	9 00		4 3	24-0-0	2 x 4	2 x 4	2-0-0	2-0-0

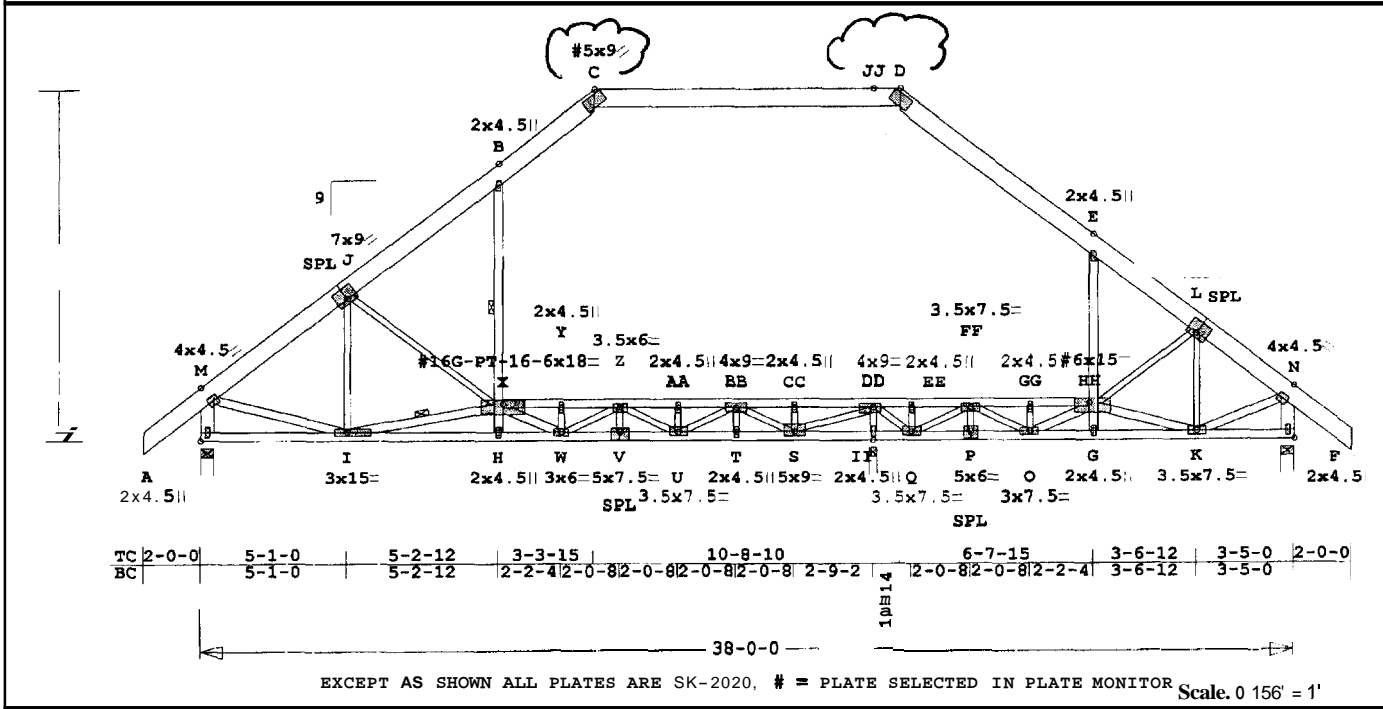
Qty	Description
100	H2.5A

Qty	Description
1	Shipping

When delivery is included, we allow for tailboard delivery only, to an accessible area on lot. Maximum 1 hour on site. We will not be responsible for any claims or damage resulting from improper handling, piling or erection. Quote is good for 10 days. Terms: Payment due at time of delivery.

Trusses are designed with a 22" raised heel. Truss is designed with an 24" Top Chord Overhang. Garage trusses are designed to be spaced @ 24" o/c. Main house trusses spaced 16" o/c. Trusses are designed with asphalt roofing. 50psf ground snow load. Attic truss floor loading 40,10,0,10.

Delivery	\$0.00
Subtotal	\$10,550.13
HST 5%	\$527.51
Grand Total	\$11,077.64



Online Plus -- version 18.0.012
 RUN DATE: 12- 2-05

CSI SIZE LUMBER FB
 TOP 0.65 2X 4 SPF-2100 2100
 BTM 0.92 2X 4 SPF-#2 1310
 WBS 0.97 2X 3 SPF-#2 1310
 EXCEPTIONS:
 M-J 2X 8 SPF-#2 1050
 J-B B-C D-E SAME AS M-J
 E-L L-N SAME AS M-J
 C-JJ 2X 8 SPF-1951 1950
 JJ-D SAME AS C-JJ
 A-I 2X 4 SPP-2100 2100
 I-H H-W W-V SAME AS A-I
 A-M 2X 6 SPF-#2 1140
 P-N SAME AS A-M
 M-I 2X 4 SPF-#2 1310
 I-X X-B H-X SAME AS W-I
 X-W O-HH G-HH SAME AS M-I
 HH-E HH-I C-K-N SAME AS M-I

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 ONE BRACE - I-X X-B
 TRUSS SPACING - 16.0 IN.

STANDARD LOADING
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 38.5 10.0
 BTM CHD 0.0 10.0
 TOTAL 38.5 20.0 58.5
 EXCEPTIONS:
 B-C 38.5 17.0
 C-D 38.5 17.0
 D-E 38.5 17.0
 X-HH 40.0 10.0
 B-H 0.0 7.0
 E-G 0.0 7.0
 SUPPORT CRITERIA
 JT REACT WIDTH JT REACT WIDTH
 LBS IN-SX LBS IN-SX
 A 1466 5- 8 II 1912 3- 8
 F 1158 5- 8

LOAD CASE #5 UNBALANCED LOAD
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 38.5 10.0

Robbins Engineering, Inc./Online Plus"
 BTM CHD 0.0 10.0
 TOTAL 38.5 20.0 58.5

EXCEPTIONS:
 B-C 38.5 17.0
 C-JJ 38.5 17.0
 JJ-D 0.0 17.0
 D-E 0.0 17.0
 E-N 0.0 10.0
 X-HH 40.0 10.0
 B-H 0.0 7.0
 E-G 0.0 7.0
 SUPPORT CRITERIA
 JT TYPE HORZ VERT WIDTH
 LBS LBS IN-SX
 A PIN 0 1371 5- 8
 II HORZ RLR 0 1786 3- 8
 F HORZ RLR 0 631 5- 8

LOAD CASE #6 UNBALANCED LOAD
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%
 LOADING LIVE DEAD (PSF)
 TOP C W 38.5 10.0
 BTM CHD 0.0 10.0
 TOTAL 38.5 20.0 58.5
 EXCEPTIONS:
 M-B 0.0 10.0
 B-C 0.0 17.0
 C-JJ 0.0 17.0
 JJ-D 38.5 17.0
 D-E 38.5 17.0
 X-HH 40.0 10.0
 B-H 0.0 7.0
 E-G 0.0 7.0
 SUPPORT CRITERIA
 JT TYPE HORZ VERT WIDTH
 LBS LBS IN-SX
 A PIN 0 725 5- 8
 II HORZ RLR 0 1676 3- 8
 F HORZ RLR 0 933 5- 8

LOAD CASE #7 AUTO UNBAL LIVE
 LUMBER STRESS INCREASE, 15.0%
 PLATE STRESS INCREASE: 15.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 38.5 10.0
 BTM CHD 0.0 10.0
 TOTAL 38.5 20.0 58.5
 EXCEPTIONS:
 M-B 57.8 10.0
 B-C 57.8 17.0
 C-D 57.8 17.0
 D-E 0.0 17.0
 E-N 0.0 10.0
 X-HH 40.0 10.0

B-H 0.0 7.0
 E-G 0.0 7.0

SUPPORT CRITERIA
 JT TYPE HORZ VERT WIDTH
 LBS LBS IN-SX
 A PIN 0 1781 5- 8
 II HORZ RLR 0 1873 3- 8
 P HORZ RLR 0 809 5- 8

LOAD CASE #8 AUTO UNBAL LIVE
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 38.5 10.0
 BTM CHD 0.0 10.0
 TOTAL 38.5 20.0 58.5
 EXCEPTIONS:
 M-B 0.0 10.0
 B-C 0.0 17.0
 C-D 57.8 17.0
 D-E 57.8 17.0
 E-N 57.8 10.0
 X-HH 40.0 10.0
 B-H 0.0 7.0
 E-G 0.0 7.0
 SUPPORT CRITERIA
 JT TYPE HORZ VERT WIDTH
 LBS LBS IN-SX
 A PIN 0 1160 5- 8
 II HORZ RLR 0 1737 3- 8
 F HORZ RLR 0 1567 5- 8

MEMBR	CSI	P(LBS)	M01ST	M02ND
TOP CHORDS				
M-J	0.24	1874	C	0
J-B	0.63	1449	C	0
X-Y	0.30	3315	C	0
B-C	0.62	1212	C	-9635
Y-Z	0.20	3315	C	-322
C-JJ	0.60	1086	C	0
Z-AA	0.15	1573	C	-497
AA-BB	0.15	1573	C	75
BB-CC	0.20	1478	T	60
CC-DD	0.45	1478	T	92
JJ-D	0.19	1086	C	-5470
DD-EE	0.65	3263	T	2252
D-E	0.48	1389	C	0
EE-PP	0.42	3263	T	600
FF-GG	0.27	1817	T	483
GG-HH	0.27	1817	T	602
E-L	0.47	1306	C	4235
L-N	0.11	1514	C	0
BOTTOM CHORDS				
A-I	0.12	242	C	0



CUSTOMER

Job 10516	Mark -A-	Quan 5	Type ATP2	Span 380000	P1-H1 9	Left OK 2-0-0	Right OH 2-0-0	Engineering F05120006
---------------------	--------------------	------------------	---------------------	-----------------------	-------------------	-------------------------	--------------------------	---------------------------------

I-H	0.70	4583 T	E60	1598
H-W	0.71	4651 T	-1598	370
W-V	0.42	3521 T	-370	0
V-U	0.92	3521 T	0	236
U-T	0.35	1177 T	-236	107
T-S	0.37	1177 T	-107	374
5-11	0.58	2816 C	-374	-1770
II-Q	0.52	2816 C	1770	-241
Q-P	0.20	1483 C	241	0
P-O	0.20	1483 C	0	-207
O-G	0.76	2429 T	66	766
G-K	0.75	2395 T	-766	-376
K-F	0.08	10 C	137	0

WEBS

X-B	0.26	395 C	924	0
H-X	0.20	52 T	0	-43
G-HH	0.10	55 T	0	-334
A-M	=	1762 C	M-I =	1554 T
I-J	=	392 T	J-X =	703 C
I-X	=	3156 C	X-W =	465 T
W-Y	=	173 C	W-Z =	833 T
V-Z	=	53 T	Z-U =	1158 C
U-AA	=	164 C	U-BB =	1522 T
T-BB	=	46 T	BB-S =	1880 C
S-CC	=	124 C	S-DD =	2537 T
II-DD	=	1734 C	DD-Q =	1181 T
Q-EE	=	66 C	Q-FF =	1545 C
P-FF	=	23 T	FF-O =	1279 T
O-GG	=	169 C	O-HH =	885 C
HH-E	=	640 C	HH-L =	340 T
HH-K	=	1321 T	K-L =	627 C
K-N	=	1307 T	F-N =	1554 C

DL+LL DEFL = 0.73" AT C
LL DEFL = 0.47" < BRG-SPAN/360
DL+LL HORZ = 0.59" AT C
SPAN/DEFL (DL+LL) = 628

GRIP VALUE BASED ON GROSS AREA METHOD FOR SPRUCE-PINE-FIR. PLATES ARE MANUFACTURED BY JAGER BUILDING SYSTEMS INC. ANSI/TPI 1-1995. PLATES - 20 GAUGE SK-20 GRIPPING 353-244 PSI PER PAIR INCLUDES 15.0% INCREASE TENSION 1026- 712 PLI PER PAIR SHEAR 909- 463 PLI PER PAIR

JT TYPE	PLATE	SIZE	X	Y
A	4000	2.00 X 4.50	CTR	CTR
B	1001	2.00 X 4.50	CTR	CTR
IC	5100	5.00 X 9.00	4.5	4.9
ID	5100	5.00 X 9.00	4.5	5.1
E	1001	2.00 X 4.50	CTR	CTR
F	4000	2.00 X 4.50	CTR	CTR
G	1001	2.00 X 4.50	CTR	CTR
H	1001	2.00 X 4.50	CTR	CTR
I	1070	3.00 X 15.00	9.6	1.5
J	1150	7.00 X 9.00	CTR	5.0
K	1070	3.50 X 7.50	CTR	CTR
L	1150	7.00 X 9.00	CTR	5.0
M	4110	4.00 X 4.50	2.8	2.0
N	4110	4.00 X 4.50	2.9	2.0
O	1070	3.00 X 7.50	3.3	1.5
P	1102	5.00 X 6.00	CTR	3.0
Q	1070	3.50 X 7.50	CTR	1.5
S	1073	5.00 X 3.00	CTR	1.7
T	1001	2.00 X 4.50	CTR	CTR
U	1070	3.50 X 7.50	4.1	1.5
V	1102	5.00 X 7.50	CTR	3.4
W	1070	3.00 X 6.00	CTR	CTR
Y	1001	2.00 X 4.50	CTR	CTR
Z	1070	3.50 X 6.00	3.2	1.5
AA	1001	2.00 X 4.50	CTR	CTR
BB	1070	4.00 X 9.00	CTR	CTR
CC	1001	2.00 X 4.50	CTR	CTR
DD	1073	4.00 X 9.00	3.0	1.6
EE	1001	2.00 X 4.50	CTR	CTR
FF	1070	3.50 X 7.50	CTR	1.5
GG	1001	2.00 X 4.50	CTR	CTR
IHH99999	6.00	X15.00	5.2	1.7
II	1001	2.00 X 4.50	CTR	CTR
JJ				

PLATES - 16 GAUGE PT-16

GRIPPING 317-216 PSI PER PAIR INCLUDES 15.0% INCREASE TENSION 1706-1203 PLI PER PAIR SHEAR 1436- 783 PLI PER PAIR

JT TYPE PLATE SIZE X Y
IX 99991 6.00 X18.00 9.1 3.4

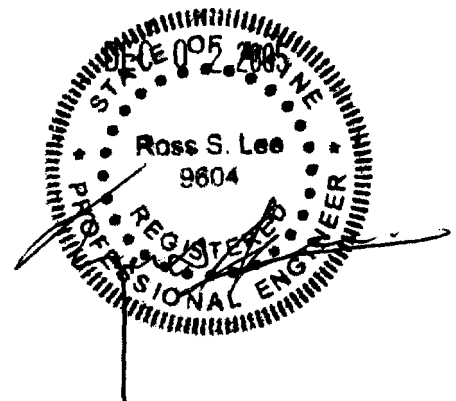
I SELECTED VIA PLATE MONITOR
? TENSION AND SHEAR REQUIREMENT NOT CHECKED

NOTES:

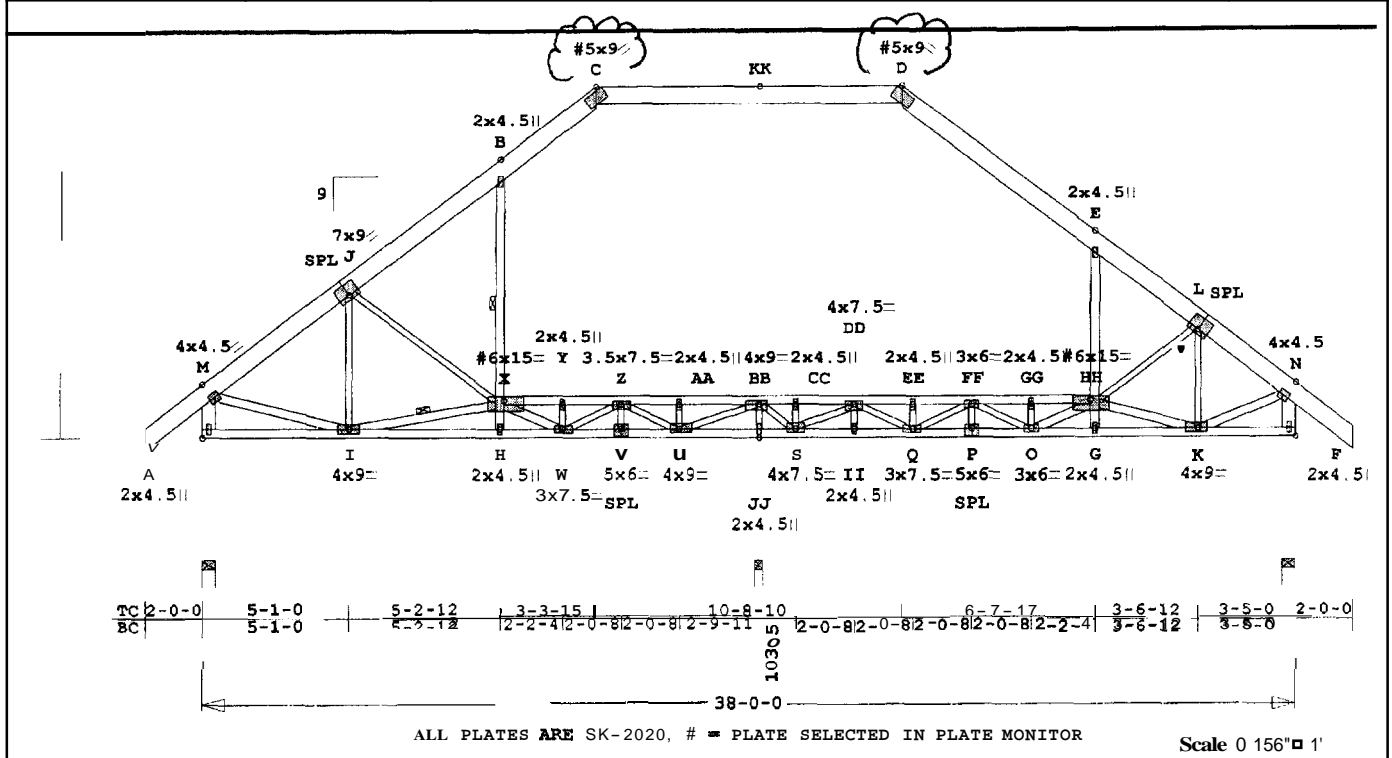
- TRUSSES MANUFACTURED BY - HCLAUGHLIN ROOF TRUSSES.
- ANALYSIS CONFORMS TO TPI (ANSI/TPI 1-1995).
- WIND LOADS - ANSI/ASCE 7-98 TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION WIND SPEED - 90 MPH MEAN ROOF HEIGHT - 25' EXPOSURE CATEGORY - B OCCUPANCY FACTOR - 1.00 ENCLOSED BUILDING. TC DEAD LOAD = 5.0 PSF BC DEAD LOAD = 5.0 PSF
- ROOF SNOW LOAD PER ASCE 7-98 GROUND SNOW LOAD = 50.0 PSF RAIN LOAD NOT REQ'D IMPORTANCE FACTOR: 1.00 THERMAL FACTOR: 1.10 EXPOSURE FACTOR: 1.00 (BAL,UNBAL LD PAC=0.77,1.50)
- UNBALANCED LOADS CHECKED (UNBLN LD PAC = 1.50, 0.00).
- ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 248 LBS.
- PROVIDE DRAINAGE TO PREVENT WATER PONDING.

FABRICATOR NOTES:

- JAGER BUILDING SYSTEMS INC. IS RESPONSIBLE ONLY FOR THE STRUCTURAL ADEQUACY OF THIS COMPONENT BASED ON DESIGN CRITERIA AND LOADS SHOWN. IT IS THE RESPONSIBILITY OF OTHERS TO VERIFY COMPONENT SUITABILITY AND DIMENSIONS.
- REFER TO JAGER TRUSS SPECIFICATION SHEET FOR ADDITIONAL IMPORTANT INFORMATION.



DWG NO: 0512- 1	2 of 2
CUSTOMER:	



Robbins Engineering, Inc./Online Plus"

Online Plus -- Version 18.0.012
 RUN DATE: 12-2-05

CSI	SIZE	LUMBER	PB
TOP 0.99	2X 4	SPF-#2	1310
BTM 0.98	2X 4	SPF-#2	1310
WBS 0.79	2X 3	SPF-#2	1310

EXCEPTIONS:
 M-J 2X 8 SPF-#2 1050
 J-B B-C D-E SAME AS M-J
 E-L L-N SAME AS M-J
 C-KK 2X 8 SPP-1951 1950
 KK-D SAME AS C-KK
 P-0 2X 4 SPF-2100 2100
 O-G G-K K-F SAMB AS P-0
 A-M 2X 6 SPF-#2 1140
 P-N SAKA AS A-M
 M-I 2X 4 SPF-#2 1310
 I-X X-B H-X SAME AS M-I
 X-W 0-AH G-HH SAME AS M-I
 AH-E HH-K K-N SAME AS M-I

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 ONE BRACE - I-X X-B
 TRUSS SPACING - 16.0 IN.

STANDARD LOADING
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BIM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

B-C	38.5	17.0
C-D	38.5	17.0
D-E	38.5	17.0
X-HH	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA
 JT REACT WIDTH JT REACT WIDTH
 LBS IN-SX LBS IN-SX
 A 1309 5-8 JJ 1817 3-8
 F 1410 5-8

LOAD CASE #5 UNBALANCED LOAD
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%
 LOADING LIVE DEAD (PSF)

TOP CHD	38.5	10.0
BIM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

B-C	38.5	17.0
C-KK	38.5	17.0
KK-D	0.0	17.0
D-E	0.0	17.0
E-N	0.0	10.0
X-HH	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA
 JT TYPE HORZ VERT WIDTH
 LBS LBS IN-SX
 A PIN 0 1064 5-8
 JJ HORZ RLR 0 1840 3-8
 F HORZ RLR 0 677 5-8

LOAD CASE #6 UNBALANCED LOAD
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BIM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

M-B	0.0	10.0
B-C	0.0	17.0
C-KK	0.0	17.0
KK-D	38.5	17.0
D-E	38.5	17.0
X-HH	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA
 JT TYPE HORZ VERT WIDTH
 LBS LBS IN-SX
 A PIN 0 741 5-8
 JJ HORZ RLR 0 1463 3-8
 F HORZ RLR 0 1337 5-8

LOAD CASE #7 AUTO UNBAL LIVE
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BIM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

M-B	57.8	10.0
B-C	57.8	17.0
C-D	57.8	17.0
D-E	0.0	17.0

E-N	0.0	10.0
X-HK	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA
 JT TYPE HORZ VERT WIDTH
 LBS LBS IN-SX
 A PIN 0 1580 5-8
 JJ HORZ RLR 0 1878 3-8
 F HORZ RLR 0 1005 5-8

LOAD CASE #8 AUTO UNBAL LIVE
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BTM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

M-B	0.0	10.0
B-C	0.0	17.0
C-D	57.8	17.0
D-E	57.8	17.0
E-N	57.8	10.0
X-HH	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA
 JT TYPE HORZ VERT WIDTH
 LBS LBS IN-SX
 A PIN 0 1064 5-8
 JJ HORZ RLR 0 1556 3-8
 F HORZ RLR 0 1844 5-8

MEMBR	CSI	P(LBS)	M01ST	M02ND
TOP CHORDS				
M-J	0.24	1624	C	0
J-B	0.81	1489	C	0
X-Y	0.38	1568	C	0
B-C	0.79	1234	C-10471	0
Y-Z	0.38	1568	C	-51
C-KK	0.60	1113	C	0
Z-AA	0.51	1657	T	146
AA-BB	0.68	1657	T	486
BB-CC	0.99	2535	T	1712
KK-D	0.60	1113	C-17107	0
CC-DD	0.75	2535	T	596
DD-EE	0.24	1124	C	56
D-E	0.47	1411	C	0
EE-PP	0.24	1124	C	104
FF-GG	0.24	2461	C	-243
GG-HH	0.32	2461	C	-148
E-L	0.46	1369	C	2559

Job 10516	Mark -A1-	Quan 7	Type ATP2	Span 380000	Pl-Hl 9	Left OH 2-0-0	Right OH 2-0-0	Engineering F05120006
---------------------	---------------------	-----------	--------------	----------------	------------	------------------	-------------------	--------------------------

L-N	0.13	1816	C	0	0
BOTTOM CHORDS					
A-I	0.15	242	C	0	-187
I-H	0.97	3122	T	705	912
H-W	0.98	3172	T	-912	119
W-V	0.35	1276	T	-119	0
V-U	0.39	1276	T	0	373
U-JJ	0.51	2397	C	-413	-1667
JJ-S	0.46	2397	C	1667	-189
8-11	0.28	898	T	276	195
II-Q	0.28	898	T	-195	166
Q-P	0.77	2991	T	-166	0
P-0	0.37	2991	T	0	410
O-G	0.57	3844	T	-410	1257
G-K	0.57	3791	T	-1257	-460
K-P	0.06	10	C	202	0
WEBS					
W-X	0.15	72	T	0	226
G-HH	0.16	36	T	0	64
A-M	=	1558	C	M-I	= 1347 T
I-J	=	435	C	J-X	= 495 C
I-X	=	1943	C	X-B	= 441 C
X-W	=	903	C	W-Y	= 180 C
W-Z	=	1251	T	V-Z	= 51 T
Z-U	=	1625	C	U-AA	= 156 C
U-BB	=	2312	T	JJ-BB-	1701 C
BB-S	=	1309	T	S-CC	= 95 C
S-DD	=	1616	C	II-DD	= 26 T
DD-Q	=	1384	T	Q-EE	= 160 C
Q-FF	=	1010	C	P-FF	= 53 T
FF-O	=	666	T	O-GQ	= 166 C
O-HH	=	433	T	HH-E	= 577 C
HH-L	=	425	C	HH-K	= 2453 C
K-L	=	349	T	K-N	= 1568 T
F-N	=	1833	C		

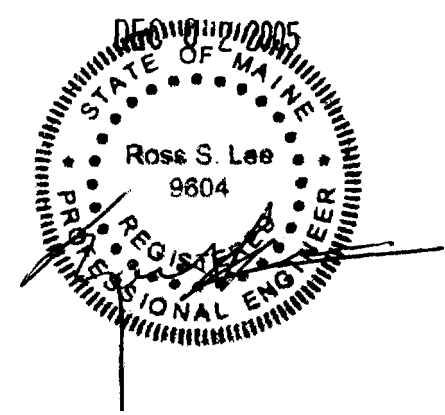
DL+LL DEFL = 0.52" IN KK-D
LL DEFL = 0.28" c BRG-SPAN/360
DL+LL HORZ = 0.37" AT D
SPAN/DEFL (DL+LL) = 879

GRIP VALUE BASED ON GROSS AREA
METHOD FOR SPRUCE-PINE-FIR.
PLATES ARE MANUFACTURED BY
JAQER BUILDING SYSTEMS INC.
ANSI/TPI 1-1995.
PLATES - 20 GAUGE SK-20
GRIPPING 353-244 PSI PER PAIR
INCLUDES 15.0% INCREASE
TENSION 1026- 712 PLI PER PAIR
SHEAR 909- 463 PLI PER PAIR

JT TYPE	PLATE	SIZE	X	Y
A	4000	2.00 X 4.50	CTR	CTR
B	1001	2.00 X 4.50	CTR	CTR
IC	5100	5.00 X 9.00	4.5	5.1
ID	5100	5.00 X 9.00	4.5	5.0
E	1001	2.00 X 4.50	CTR	CTR
F	4000	2.00 X 4.50	CTR	CTR
G	1001	2.00 X 4.50	CTR	CTR
H	1001	2.00 X 4.50	CTR	CTR
I	1070	4.00 X 9.00	CTR	CTR
J	1150	7.00 X 9.00	CTR	5.0
K	1070	4.00 X 9.00	3.8	1.7
L	1150	7.00 X 9.00	CTR	5.0
M	4110	4.00 X 4.50	2.8	2.0
N	4110	4.00 X 4.50	2.8	2.0
O	1070	3.00 X 6.00	CTR	CTR
P	1102	5.00 X 6.00	CTR	3.2
Q	1070	3.00 X 7.50	3.3	1.5
S	1073	4.00 X 7.50	CTR	1.5
U	1070	4.00 X 9.00	5.2	1.6
V	1102	5.00 X 6.00	CTR	3.0
W	1070	3.00 X 7.50	4.2	1.5
IX	99997	6.00 X15.00	8.2	3.3
Y	1001	2.00 X 4.50	CTR	CTR
Z	1070	3.50 X 7.50	4.0	1.5
AA	1001	2.00 X 4.50	CTR	CTR
BB	1070	4.00 X 9.00	3.4	1.8
CC	1001	2.00 X 4.50	CTR	CTR
DD	1073	4.00 X 7.50	CTR	1.5
EE	1001	2.00 X 4.50	CTR	CTR
FF	1070	3.00 X 6.00	2.8	1.5
GG	1001	2.00 X 4.50	CTR	CTR
IHX99997	6.00	X15.00	4.2	1.4
II	1001	2.00 X 4.50	CTR	CTR

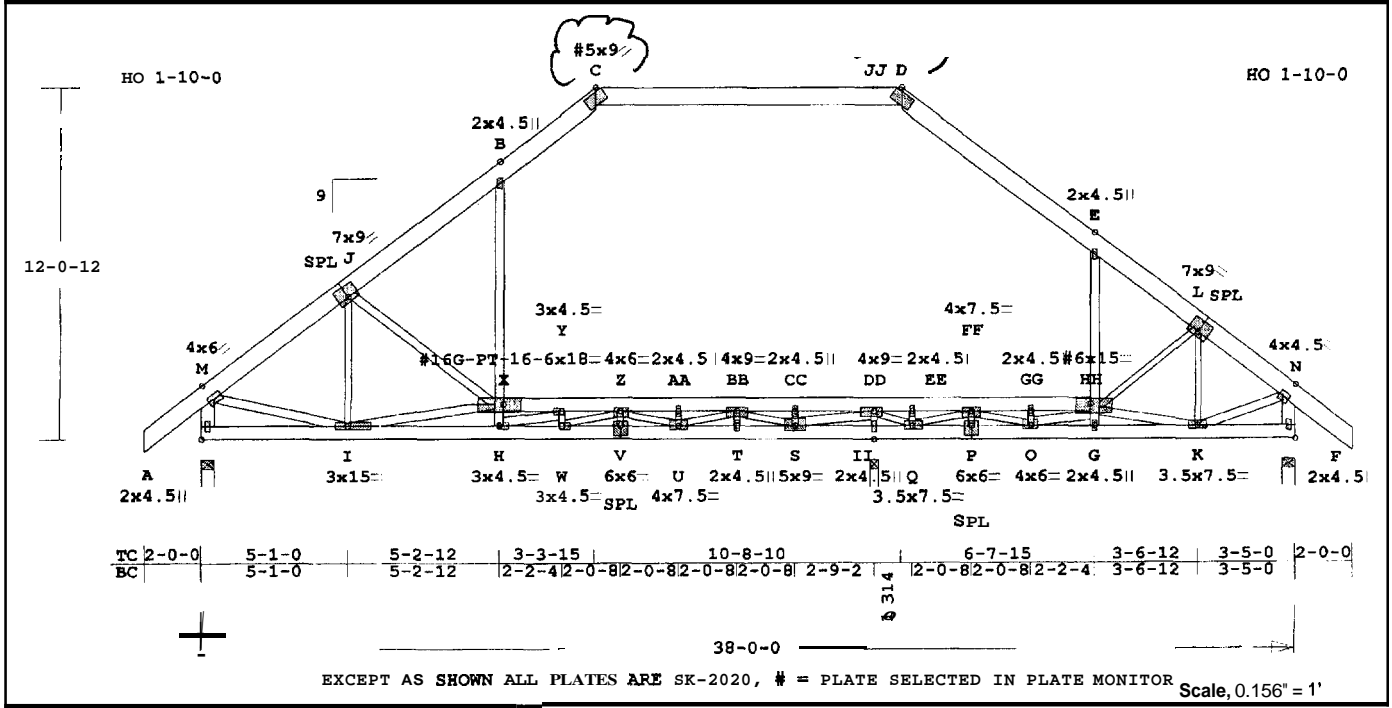
JJ 1001 2.00 X 4.50 CTR CTR
KK
1 SELECTED VIA PLATE MONITOR
? TENSION AND SHEAR REQUIREMENT
NOT CHECKED
NOTES:
1. TRUSSES MANUFACTURED BY -
MCLAUGHLIN ROOF TRUSSES.
2. ANALYSIS CONFORMS TO
TPI (ANSI/TPI 1-1995).
3. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 90 MPH
MEAN ROOF HEIGHT - 25'
EXPOSURE CATEWRY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LORD = 5.0 PSP
BC DEAD LORD = 5.0 PSP
4. ROOF SNOW LOAD PER ASCE 7-98
GROUND SNOW LOAD = 50.0 PSF
RAIN LOAD NOT REQ'D
IMPORTANCE FACTOR: 1.00
THERMAL FACTOR: 1.10
EXPOSURE FACTOR: 1.00
(BAL,UNBAL LD FAC=0.77,1.50)
5. UNBALANCED LOADS CHECKED
(UNBLN LD PAC = 1.50, 0.00).
6. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 248 LBS.
7. PROVIDE DRAINAGE TO
PREVENT WATER PONDING.

FABRICATOR NOTES:
1. JAGER BUILDING SYSTEMS INC.
IS RESPONSIBLE ONLY FOR THE
STRUCTURAL ADEQUACY OF THIS
COMPONENT BASED ON DESIGN
CRITERIA AND LOADS SHOWN.
IT IS THE RESPONSIBILITY OF
OTHERS TO VERIFY COMPONENT
SUITABILITY AND DIMENSIONS.
2. REFER TO JAGER TRUSS
SPECIFICATION SHEET FOR
ADDITIONAL IMPORTANT
INFORMATION.



DWG NO: 0512 - 2	2 of 2
CUSTOMER:	

Job 10516	Mark -AGIR-	Quan 4*3P	Type ATP2	Span 380000	P1-H1 9	Left OH 2-0-0	Right OH 2-0-0	Engineering F05120006
---------------------	-----------------------	---------------------	---------------------	-----------------------	-------------------	-------------------------	--------------------------	---------------------------------



Online Plus "" Version 18.0.012
 RUN DATE: 12- 2-05

 * 3-PLY TRUSS *

CSI SIZE LUMBER 1.15FB
 TOP 0.83 2X 6 SPF-1651 1900
 BTM 0.89 2X 6 SPF-#2 1310
 WBS 0.75 2X 3 SPF-#2 1510

EXCEPTIONS:
 M-J 2X 8 SPF-#2 1210
 J-B B-C D-E SAME AS M-J
 E-L L-N SAME AS M-J
 C-JJ 2X 8 SPF-1951 2250
 JJ-D SAME AS C-JJ
 A-I 2X 6 SPP-1651 1900
 I-H H-W W-V SAME AS A-I
 A-M 2X 6 SPF-#2 1310
 P-N SAME AS A-M
 M-I 2X 4 SPF-#2 1510
 J-X I-X X-B SAME AS M-I
 H-X H-Y S-DD SAME AS M-I
 O-HH G-HH HH-E SAME AS M-I
 HH-K K-N SAME AS M-I

REPETITIVE MEMBER INCREASES:
 PB 15.0% PT 0.0% PC 0.0%

LATERAL BRACING:
 TOP CHORD " 109 IN. OC
 BIM CHORD "
 MAX DIST FOR THE FOLLOWING
 MEMBERS IS 87 IN.
 5-11 II-Q
 MAX DIST FOR ALL OTHER
 MEMBERS IS 120 IN.
 TRUSS SPACING " 50.0 IN. *

STANDARD LOADING
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BIM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:
 B-C 38.5 17.0
 C-D 38.5 17.0
 D-E 38.5 17.0
 X-HH 40.0 10.0
 B-H 0.0 7.0
 E-G 0.0 7.0

Robbins Engineering, Inc./Online Plus""

SUPPORT CRITERIA

JT	REACT WIDTH	JT	REACT WIDTH
LBS	IN-SX	LBS	IN-SX
A	4564	5- 8	II 6022 3- 8
F	3593	5- 8	

LOAD CASE #5 UNBALANCED LOAD
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP C W	38.5	10.0
BTM C W	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:
 B-C 38.5 17.0
 C-JJ 38.5 17.0
 JJ-D 0.0 17.0
 D-E 0.0 17.0
 E-N 0.0 10.0
 X-HH 40.0 10.0
 B-H 0.0 7.0
 E-G 0.0 7.0

SUPPORT CRITERIA

JT	TYPE	HORZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	-1	4264	5- 8
II	HORZ RLR	0	5637	3- 8
F	HORZ RLR	0	1941	5- 8

LOAD CASE #6 UNBALANCED LOAD
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BIM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:
 M-B 0.0 10.0
 B-C 0.0 17.0
 C-JJ 0.0 17.0
 JJ-D 38.5 17.0
 D-E 38.5 17.0
 X-HH 40.0 10.0
 B-H 0.0 7.0
 E-G 0.0 7.0

SUPPORT CRITERIA

JT	TYPE	HORZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	0	2252	5- 8
II	HORZ RLR	0	5272	3- 8
P	HORZ RLR	0	2896	5- 8

LOAD CASE #7 AUTO UNBAL LIVE
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING LIVE DEAD (PSF)
 TOP CHD 38.5 10.0
 BTM CHD 0.0 10.0
 TOTAL 38.5 20.0 58.5

EXCEPTIONS:
 M-B 57.8 10.0
 B-C 57.8 17.0
 C-D 57.8 17.0
 D-E 0.0 17.0
 E-N 0.0 10.0
 X-HH 40.0 10.0
 B-H 0.0 7.0
 E-G 0.0 7.0

SUPPORT CRITERIA

JT	TYPE	HORZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	-1	5546	5- 8
II	HORZ RLR	0	5908	3- 8
F	HORZ RLR	0	2496	5- 8

LOAD CASE #8 AUTO UNBAL LIVE
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BIM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:
 M-B 0.0 10.0
 B-C 0.0 17.0
 C-D 57.6 17.0
 D-E 57.8 17.0
 E-N 57.8 10.0
 X-HH 40.0 10.0
 B-H 0.0 7.0
 E-G 0.0 7.0

SUPPORT CRITERIA

JT	TYPE	HORZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	0	3616	5- 8
II	HORZ RLR	0	5451	3- 8
F	HORZ RLR	0	4883	5- 8

MEMBER FORCES - EACH PLY

MEMBR	CSI	P(LBS)	M01ST	M02ND
TOP CHORDS				
M-J	0.34	1995	C	0
J-B	0.76	1504	C	0
X-Y	0.37	4167	C	0
B-C	0.72	1259	C	-9919
Y-Z	0.26	3775	C	-2313
C-JJ	0.83	1127	C	0
Z-AA	0.15	1760	C	-2000
AA-BB	0.08	1760	C	-502



DWG NO: 0512 - 3	1 of 2
CUSTOMER:	

Job 10516	Mark -AGIR-	Quan 4*3P	Type ATP2	Span 380000	P1-H1 9	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering F05120006
---------------------	-----------------------	--------------	--------------	----------------	------------	--------------------	---------------------	---------------------------------

BB-CC	0.22	1794	T	-360	-453
CC-DD	0.47	1794	T	453	-4518
JJ-D	0.39	1127	C	-5698	0
DD-EE	0.69	3806	T	4862	-2221
D-B	0.69	1443	C	0	-4652
EE-FF	0.53	3806	T	2221	-967
FF-GG	0.29	2174	T	967	-1061
GG-HH	0.29	2174	T	1081	0
E-L	0.61	1352	C	4652	0
L-N	0.47	1616	C	0	0

BOTTOM CHORDS

A-I	0.11	250	C	0	-398
I-H	0.89	5050	T	1882	6130
H-W	0.86	4749	T	-6130	1538
W-V	0.51	3986	T	-1538	0
V-U	0.82	3986	T	0	1152
U-T	0.30	1132	T	-1152	576
T-S	0.26	1132	T	-576	396
S-II	0.76	3202	C	-396	-4998
II-Q	0.53	3202	C	4998	-1532
Q-P	0.24	1985	C	1532	0
P-O	0.24	1985	C	0	-545
O-G	0.76	2681	T	-185	3107
G-K	0.75	2640	T	-3107	-757
K-F	0.07	10	C	220	0

WEBS

X-B	0.26	411	C	1048	0
H-X	0.20	424	C	0	-1048
G-HH	0.10	162	C	0	466

A-M	=	1845	C	H-I	=	1647	T
I-J	=	459	T	J-X	=	781	C
I-X	=	3512	C	H-Y	=	499	C
W-Y	=	219	C	W-Z	=	844	T
V-Z	=	139	T	Z-U	=	1386	C
U-AA	=	207	C	U-BB	=	1771	T
T-BB	=	51	T	BB-S	=	2108	C
S-CC	=	108	C	S-DD	=	2571	T
II-DD	=	1612	C	DD-Q	=	1129	T
Q-EE	=	98	C	Q-FF	=	1611	C
P-FF	=	57	C	FF-O	=	1459	T
O-QG	=	193	C	O-HH	=	940	C
HH-E	=	676	C	WW-L	=	361	T
HH-K	=	1535	T	K-L	=	663	C
K-N	=	1384	T	F-N	=	1623	C

DL+LL DEFL = 0.76" AT C
LL DEFL = 0.50" < BRG-SPAN/360
DL+LL HORZ = 0.61" AT C
SPAN/DEFL (DL+LL) = 597

PLATES ARE FOR EACH PLY

QRIP VALUE BASED ON GROSS AREA METHOD FOR SPRUCE-PINE-FIR. PLATES ARE MANUFACTURED BY JAGER BUILDING SYSTEMS INC. ANSI/TPI 1-1995.
PLATES - 20 GAUGE SK-20
QRIPPING 353-244 PSI PER PAIR
INCLWES 15.0% INCREASE
TENSION 1026- 712 PLI PER PAIR
SHEAR 909- 463 PLI PER PAIR

JT TYPE	PLATE	SIZE	X	Y
A	4000	2.00 X 4.50	CTR	CTR
B	1001	2.00 X 4.50	CTR	CTR
IC	5100	5.00 X 9.00	4.5	5.0
ID	5100	5.00 X 9.00	4.5	5.1
E	1001	2.00 X 4.50	CTR	CTR
F	4000	2.00 X 4.50	CTR	CTR
G	1001	2.00 X 4.50	CTR	CTR
H	1013	3.00 X 4.50	CTR	CTR
I	1070	3.00 X 15.00	9.8	1.5
J	1150	7.00 X 9.00	CTR	5.0
K	1070	3.50 X 7.50	CTR	1.5
L	1150	7.00 X 9.00	CTR	5.0
M	4110	4.00 X 6.00	CTR	CTR
N	4110	4.00 X 4.50	2.8	2.0
O	1072	4.00 X 6.00	2.7	1.5
P	1102	6.00 X 6.00	CTR	4.0
Q	1072	3.50 X 7.50	4.1	1.5
S	1072	5.00 X 9.00	CTR	2.0
T	1001	2.00 X 4.50	CTR	CTR
U	1072	4.00 X 1.50	CTR	1.5
V	1102	6.00 X 6.00	CTR	4.2
W	1013	3.00 X 4.50	CTR	CTR

Y	1012	3.00 X 4.50	CTR	CTR
Z	1072	4.00 X 6.00	3.3	1.5
AA	1001	2.00 X 4.50	CTR	CTR
BB	1072	4.00 X 9.00	CTR	1.6
CC	1001	2.00 X 4.50	CTR	CTR
DD	1072	4.00 X 9.00	3.3	1.8
EE	1001	2.00 X 4.50	CTR	CTR
FF	1072	4.00 X 7.50	CTR	1.6
GG	1001	2.00 X 4.50	CTR	CTR
!HH9999?	6.00 X 15.00	5.4	3.2	
II	1001	2.00 X 4.50	2.5	1.0
JJ				

2. REFER TO JAGER TRUSS SPECIFICATION SHEET FOR ADDITIONAL IMPORTANT INFORMATION.

PLATES - 16 GAUGE PT-16
QRIPPING 317-216 PSI PER PAIR
INCLUDES 15.0% INCREASE
TENSION 1706-1203 PLI PER PAIR
SHEAR 1436- 783 PLI PBR PAIR

JT TYPE PLATE SIZE X Y
!X 99997 6.00 X 18.00 10.8 0.1

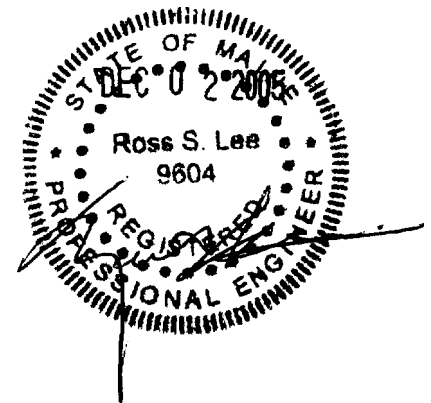
I SELECTED VIA PLATE MONITOR
? TENSION AND SHEAR REQUIREMENT NOT CHECKED

NOTES :

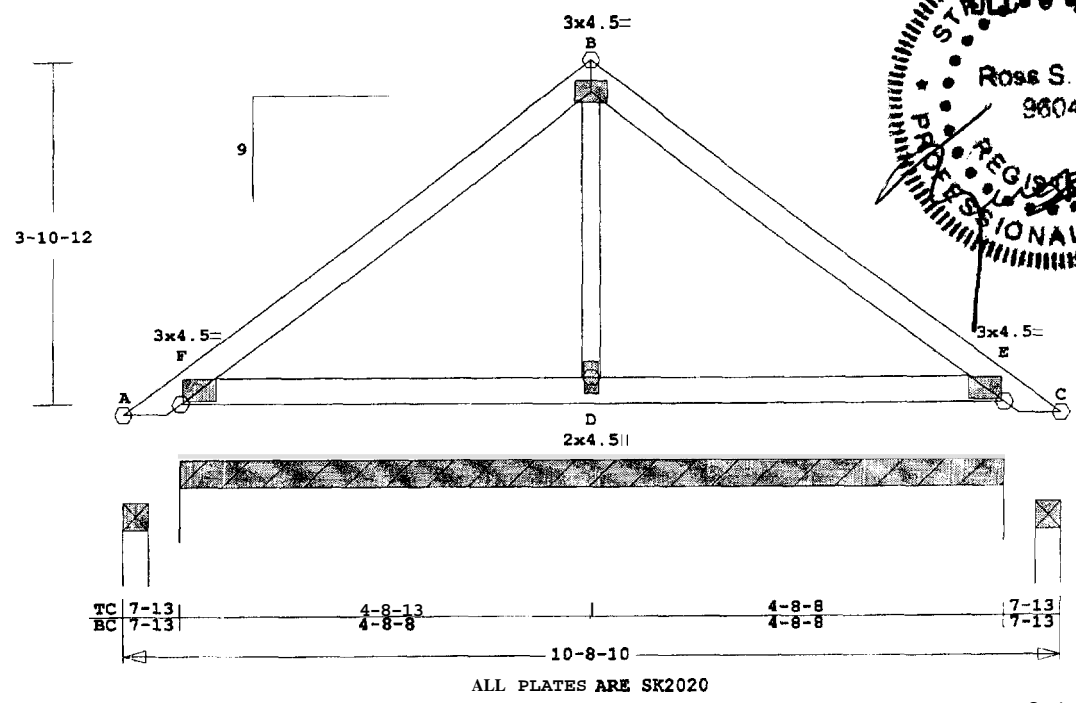
- TRUSSES MANUFACTURED BY - MCLAUGHLIN ROOF TRUSSES.
- ANALYSIS CONFORMS TO TPI (ANSI/TPI 1-1995).
- WIND LOADS - ANSI/ASCE 7-98 TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION WIND SPEED - 90 MPH MEAN ROOF HEIGHT - 25' EXPOSURE CATEGORY - B OCCUPANCY FACTOR - 1.00 ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
- ROOF SNOW LOAD PER ASCE 7-98 GROUND SNOW LOAD = 50.0 PSF RAIN LOAD NOT REQ'D IMPORTANCE FACTOR: 1.00 THERMAL FACTOR: 1.10 EXPOSURE FACTOR: 1.00 (BAL,UNBAL LD FAC=0.77,1.50)
- UNBALANCED LOADS CHECKED (UNBLN LD FAC = 1.50, 0.00).
- PREVENT TRUSS ROTATION AT ALL BEARING LOCATIONS.
- ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 771 LBS.
- PROVIDE DRAINAGE TO PREVENT WATER PONDING.
- FASTEN TRUSS TO BRQ F FOR 142 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRQ.
- 3 COMPLETE TRUSSES REQUIRED. FASTEN TRUSSES TOGETHER W/ 10d NAILS AS EACH LAYER IS APPLIED, STAGGERED AS FOLLOWS
MEMBER ROWS SPACING(IN)
TOP CHD 2 12.0
BTM CHD 2 12.0
WEBS 2 4.0 (1 ROW FOR 2X4/2X3 WEBS)
PLUS CLUSTERS OF NAILS IF SHOWN.
EXCEPTIONS:
10d NAILS @ 4" O.C. AS EACH LAYER IS APPLIED.
N-J J-B C-JJ JJ-D
D-E

FABRICATOR NOTES:

- JAGER BUILDING SYSTEMS INC. IS RESPONSIBLE ONLY FOR THE STRUCTURAL ADEQUACY OF THIS COMPONENT BASED ON DESIGN CRITERIA AND LOADS SHOWN. IT IS THE RESPONSIBILITY OF OTHERS TO VERIFY COMPONENT SUITABILITY AND DIMENSIONS.



DWG NO: 0512 - 3	2 of 2
CUSTOMER	



ALL PLATES ARE SK2020

Scale: 0.472" = 1'

Online Plus -- Version 18.0.015
 RUN DATE: 12- 1-05

CSI	SIZE	LUMBER	1.15FB
TOP	0.83	2X 4 SPF-#2	1510
BTM	0.10	2X 4 SPF-#2	1510
WBS	0.10	2X 3 SPF-#2	1510

REPETITIVE MEMBER INCREASES:
 FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - 120 IN. OC
 TRUSS SPACING - 24.0 IN.

STANDARD LOADING

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BTM CHD	0.0	10.0
TOTAL	38.5	20.0

SUPPORT CRITERIA

JT	TYPE	HORIZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	0	-330	3- 8
C	HORIZ RLR	0	-330	3- 8

CONTINUOUS BETWEEN JNTS F & E

LOAD CASE #5 AUTO UNBAL LIVE

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BTM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

A-B	57.8	10.0
B-C	0.0	10.0

SUPPORT CRITERIA

JT	TYPE	HORIZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	0	-461	3- 8
C	HORIZ RLR	0	-68	3- 8

CONTINUOUS BETWEEN JNTS F & E

LOAD CASE #6 AUTO UNBAL LIVE

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BTM CHD	0.0	10.0

Robbins Engineering, Inc./Online Plus™

TOTAL	38.5	20.0	58.5
-------	------	------	------

EXCEPTIONS:
 A-B 0.0 10.0
 B-C 57.8 10.0

SUPPORT CRITERIA

JT	TYPE	HORIZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	0	-68	3- 8
C	HORIZ RLR	0	-461	3- 8

CONTINUOUS BETWEEN JNTS F & E

	LEFT	RIGHT
HEEL	OIN - 0SX	OIN - 0SX

MEMBR	CSI	P (LBS)	M01ST	M02ND
TOP CHORDS				
A-F	0.83	304 T	0	-3964
F-B	0.77	101 C	2839	0
B-E	0.77	101 C	0	-2839
E-C	0.83	304 T	3964	0
BOTTOM CHORDS				
F-D	0.10	58 T	0	0
D-E	0.10	58 T	0	0
WEBS				
D-B	=	272 C		

DL+LL DEFL = 0.12" IN F-B
 LL DEFL < BRG-SPAN/360
 SPAN/DEFL (DL+LL) = 999

GRIP VALUE BASED ON GROSS AREA
 METHOD FOR SPRUCE-PINE-FIR.
 PLATES ARE MANUFACTURED BY
 JAGER BUILDING SYSTEMS INC.
 ANSI/TPI 1-1995.
 PLATES - 20 GAUGE SK20
 GRIPPING 353-244 PSI PER PAIR
 INCLUDES 15.0% INCREASE
 TENSION 1026- 712 PLI PER PAIR
 SHEAR 909- 463 PLI PER PAIR

SUPPORT CRITERIA

JT	TYPE	PLATE	SIZE	X	Y
A					
B	3001	3.00	X 4.50	CTR	CTR
C					
D	1001	2.00	X 4.50	CTR	CTR
E	2001	3.00	X 4.50	4.4	3.1
F	2001	3.00	X 4.50	4.4	3.1

- NOTES:
- TRUSSES MANUFACTURED BY MCLAUGHLIN ROOF TRUSSES.
 - ANALYSIS CONFORMS TO TPI (ANSI/TPI 1-1995).

- WIND LOADS " ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 90 MPH
 MEAN ROOF HEIGHT - 25'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF
- ROOF SNOW LOAD PER ASCE 7-98
 GROUND SNOW LOAD = 50.0 PSF
 RAIN LOAD NOT REQ'D
 IMPORTANCE FACTOR: 1.00
 THERMAL FACTOR: 1.10
 EXPOSURE FACTOR: 1.00
 (BAL, UNBAL LD FAC=0.77, 1.50)
- UNBALANCED LOADS CHECKED
 (UNBLN LD FAC = 1.50, 0.00).
- SHIM EACH BEARING WALL AS REQUIRED TO INSURE FULL BEARING CONTACT WITH TRUSS.
- ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 115 LBS.
- FASTEN TRUSS TO BRG A FOR 461 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG C FOR 461 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG F FOR 250 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
- FASTEN TRUSS TO BRG E FOR 220 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

FABRICATOR NOTES:
 1. JAGER BUILDING SYSTEMS INC. IS RESPONSIBLE ONLY FOR THE STRUCTURAL ADEQUACY OF THIS COMPONENT BASED ON DESIGN CRITERIA AND LOADS SHOWN. IT IS THE RESPONSIBILITY OF OTHERS TO VERIFY COMPONENT SUITABILITY AND DIMENSIONS.



Job 10516	Mark -ACAP-	Quan 16	Type PB	Span 100810	P1-H1 9	Left OH 0	Right OH 0	Engineering F05120006
---------------------	-----------------------	------------	------------	----------------	------------	--------------	---------------	---------------------------------



DWG NO: 0512 - 4	2 of 2
CUSTOMER:	

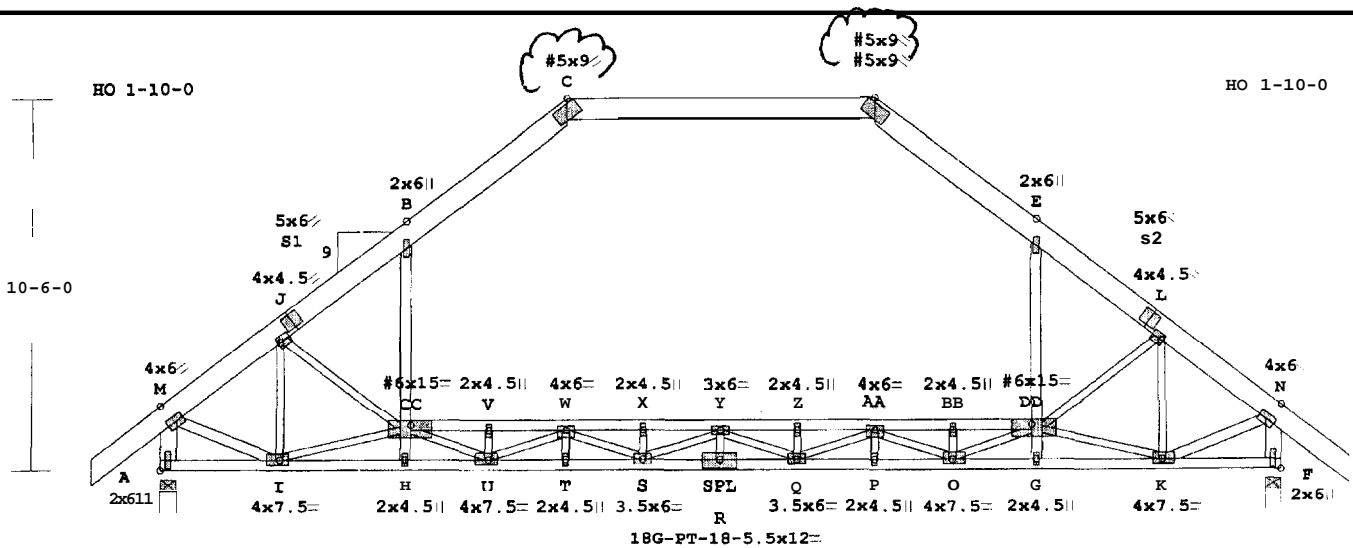
10516

Mark -B-

Quan Type Span P1-H1 Left OH Right OH

14 ATP2 320000 9 2-0-0 2-0-0

Engineering F05120006



TC	2-0-0	3-5-0	3-6-12	4-6-15	8-10-10	4-6-15	3-6-12	3-5-0	2-0-0
BC	3-5-0	3-6-12	2-4-6	2-2-10	2-2-10	2-2-10	2-4-6	3-6-12	3-5-0

EXCEPT AS SHOWN ALL PLATES ARE SK-2020, # = PLATE SELECTED IN PLATE MONITOR Scale: 0 190" = 1'

Robbins Engineering, Inc./Online Plus"

Online Plus -- Version 18.0.012
RUN DATE: 12- 2-05

CSI	SIZE	LUMBER	FB
TOP	0.97	2X 4	SPF-#2 1310
BTM	0.55	2X 4	SPF-2100 2100
WBS	0.61	2X 3	SPF-#2 1310

EXCEPTIONS:

M-J 2X 8 SPF-#2 1050
 J-91 C-D S2-L SAMS AS M-J
 L-N SAME AS M-J
 S1-B 2X 8 SPF-2252 2250
 B-C D-E E-S2 SAME AS S1-B
 A-M 2X 6 SPF-#2 1140
 F-N SAME AS A-M
 M-I 2X 4 SPF-#2 1310
 CC-B H-CC G-DD SAME AS M-I
 DD-E K-N SAME AS H-I

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - CONTINUOUS
 TRUSS SPACING - 16.0 IN.

STANDARD LOADING

LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BTM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

B-C	48.5	20.0
C-D	48.5	20.0
D-E	48.5	20.0
CC-DD	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA

JT	REACT	WIDTH	JT	REACT	WIDTH
	LBS	IN-SX		LBS	IN-SX
A	2089	5- 8	F	2090	5- 8

LOAD CASE #5 AUTO UNBAL LIVE

LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BTM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

M-B	57.8	10.0
B-C	67.8	20.0

C-D	67.8	20.0
D-E	10.0	20.0
E-N	0.0	10.0
CC-DD	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA

JT	TYPE	HORZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	0	2340	5- 8
F	HORZ RLR	0	1772	5- 8

LOAD CASE W6 AUTO UNBAL LIVE

LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BTM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

M-B	0.0	10.0
B-C	10.0	20.0
C-D	67.8	20.0
D-E	67.8	20.0
E-N	57.8	10.0
CC-DD	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA

JT	TYPE	HORZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	0	1771	5- 8
F	HORZ RLR	0	2341	5- 8

MEMBER CSI P(LBS) M01ST M02ND

TOP CHORDS

M-J	0.23	2380	C	0	-2836
J-S1	0.24	2505	C	3263	0
S1-B	0.97	2491	C	0	32285
CC-V	0.28	2133	C	0	5
B-C	0.97	1753	C-22601	0	0
V-W	0.28	2133	C	-5	279
C-D	0.93	1600	C	0	0
W-X	0.29	2869	C	-279	91
X-Y	0.30	2869	C	-91	329
Y-Z	0.30	2869	C	-329	91
Z-AA	0.29	2869	C	-91	279
AA-BB	0.28	2133	C	-279	5
D-E	0.97	1753	C	0	22601
BB-DD	0.28	2133	C	-5	0
B-S2	0.97	2491	C-32285	0	0
S2-L	0.24	2505	C	0	-3278
L-N	0.23	2380	C	2849	0

BOTTOM CHORDS

A-I	0.04	211	C	0	130
I-H	0.35	2727	T	211	417
H-U	0.36	2754	T	-417	374
U-T	0.54	4245	T	-374	687
T-S	0.55	4245	T	-687	653
S-R	0.55	4458	T	-634	0
R-Q	0.55	4458	T	0	634
Q-P	0.55	4245	T	-653	687
P-O	0.54	4245	T	-687	374
O-G	0.36	2754	T	-374	417
G-K	0.35	2728	T	-417	-211
K-F	0.04	10	C	18	0

WEBS

CC-B	0.40	1301	T	-352	0
H-CC	0.10	105	T	0	352
G-DD	0.10	105	T	0	-352
DD-E	0.40	1301	T	352	0

A-H = 2324 C M-I = 2090 T
 I-J = 1010 C J-CC = 423 C
 I-CC = 1312 T CC-U = 1765 T
 U-V = 188 C U-W = 1266 C
 T-W = 30 T W-S = 953 T
 S-X = 169 C S-Y = 565 C
 R-Y = 78 T Y-Q = 565 C
 Q-Z = 169 C Q-AA = 953 T
 P-AA = 28 T AA-0 = 1266 C
 O-BB = 188 C O-DD = 1765 T
 DD-L = 424 C DD-K = 1312 T
 K-L = 1011 C K-N = 2091 T
 P-N = 2324 C

DL+LL DEFL = 0.84" AT R
 LL DEPL = 0.57" < BRG-SPAN/360
 DL+LL HORZ = 0.48" AT B
 SPAN/DEFL (DL+LL) = 455

GRIP VALUE BASED ON GROSS AREA
 METHOD FOR SPRUCE-PINE-FIR.
 PLATES ARE MANUFACTURED BY
 JAGER BUILDING SYSTEMS INC.
 ANSI/TPI 1-1995.
 PLATES - 20 GAUGE SK-20
 GRIPPING 353-244 PSI PER PAIR
 INCLUDES 15.0% INCREASE
 TENSION 1026- 712 PLI PER PAIR
 SHEAR 909- 463 PLI PER PAIR

JT TYPE PLATE SIZE X Y

A	4000	2.00 X 6.00	CTR	CTR
B	1001	2.00 X 6.00	CTR	CTR
IC	5100	5.00 X 9.00	4.5	5.0
ID	5100	5.00 X 9.00	4.5	5.0
E	1001	2.00 X 6.00	CTR	CTR
F	4000	2.00 X 6.00	CTR	CTR
G	1001	2.00 X 4.50	CTR	CTR



Job 10516	Mark -B-	Quan 14	Type ATP2	Span 320000	P1-H1 9	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering F05120006
---------------------	--------------------	------------	--------------	----------------	------------	--------------------	---------------------	---------------------------------

H 1001 2.00 X 4.50 CTR CTR
I 1073 4.00 X 7.50 4.2 1.7
J 1050 4.00 X 4.50 CTR CTR
K 1073 4.00 X 7.50 4.2 1.7
L 1050 4.00 X 4.50 CTR CTR
M 4110 4.00 X 6.00 3.4 2.0
N 4110 4.00 X 6.00 3.4 2.0
O 1072 4.00 X 7.50 4.3 1.5
P 1001 2.00 X 4.50 CTR CTR
Q 1072 3.50 X 6.00 CTR 1.5
S 1072 3.50 X 6.00 CTR 1.5
T 1001 2.00 X 4.50 CTR CTR
U 1072 4.00 X 7.50 3.2 1.5
V 1001 2.00 X 4.50 CTR CTR
W 1072 4.00 X 6.00 3.0 1.5
X 1001 2.00 X 4.50 CTR CTR
Y 1072 3.00 X 6.00 CTR CTR
Z 1001 2.00 X 4.50 CTR CTR
M 1072 4.00 X 6.00 3.0 1.5
BB 1001 2.00 X 4.50 CTR CTR
1CC9999? 6.00 X15.00 13.6 -0.1
1DD9999? 6.00 X15.00 4.8 2.2
S1 1100 5.00 X 6.00 CTR 1.1
S2 1100 5.00 X 6.00 CTR 1.1

PLATES - 18 GAUGE PT-18
GRIPPING 285-202 PSI PER PAIR
INCLUDES 15.0% INCREASE
TENSION 1457- 995 PLI PER PAIR
SHEAR 1247- 662 PLI PER PAIR

JT TYPE PLATE SIZE X Y
R 1102 5.50 X12.00 CTR 3.1

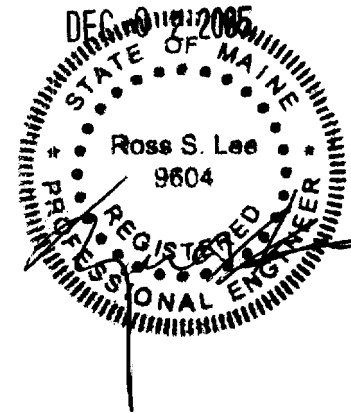
I SELECTED VIA PLATE MONITOR
? TENSION AND SHEAR REQUIREMENT
NOT CHECKED

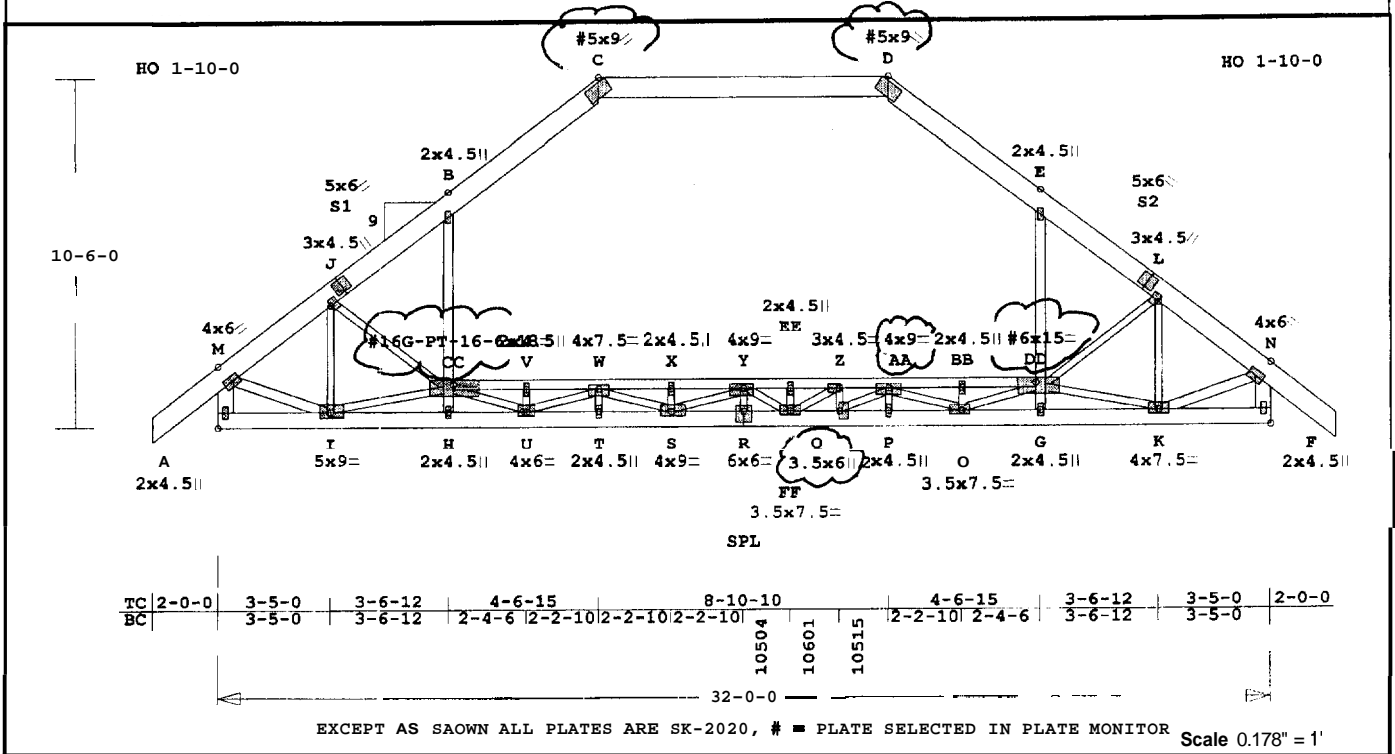
NOTES :

- TRUSSES MANUFACTURED BY -
MCLAUGHLIN ROOF TRUSSES.
- ANALYSIS CONFORMS TO
TPI (ANSI/TPI 1-1995).
- WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 90 MPH
MEAN ROOF HEIGHT - 25'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
- ROOF SNOW LOAD PER ASCE 7-98
GROUND SNOW LOAD = 50.0 PSF
RAIN LOAD NOT REQ'D
IMPORTANCE FACTOR: 1.00
THERMAL FACTOR: 1.10
EXPOSURE FACTOR: 1.00
(BAL,UNBAL LD PAC-0.77.1.50)
- UNBALANCED LOADS CHECKED
(UNBLN LD FAC = 1.50, 0.00).
- PREVENT TRUSS ROTATION AT
ALL BEARING LOCATIONS.
- ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 218 LBS.
- PROVIDE DRAINAGE TO
PREVENT WATER PONDING.

FABRICATOR NOTES:

- JAGER BUILDING SYSTEMS INC.
IS RESPONSIBLE ONLY FOR THE
STRUCTURAL ADEQUACY OF THIS
COMPONENT BASED ON DESIGN
CRITERIA AND LOADS SHOWN.
IT IS THE RESPONSIBILITY OF
OTHERS TO VERIFY COMPONENT
SUITABILITY AND DIMENSIONS.
- REFER TO JAGER TRUSS
SPECIFICATION SHEET FOR
ADDITIONAL IMPORTANT
INFORMATION.





Robbins Engineering, Inc./Online Plus

Online Plus -- Version 18.0.012
 RUN DATE; 12- 2-05

 * 2-PLY TRUSS *

CSI	SIZE	LUMBER	PB
TOP 0.93	2X 4	SPP-2100	2100
BTM 0.97	2X 6	SPP-#2	1140
WBS 0.80	2X 3	SPP-#2	1310
EXCEPTIONS:			
M-J	2X 8	SPP-#2	1050
J-S1	S1-B	B-C	SAME AS M-J
D-E	E-S2	SZ-L	SAME AS M-J
L-N	SAME AS M-J		
C-D	2X 8	SPP-1951	1950
A-I	2X 6	SPP-1651	1650
I-H	H-U	U-T	SAKE AS A-I
T-S	S-R	SAME AS A-I	
A-M	2X 6	SPP-#2	1140
F-N	SAME AS A-M		
M-I	2X 4	SPP-#2	1310
CC-B	H-CC	G-DD	SAKE AS Y-I
DD-E	K-N	SAME AS M-I	

LATERAL BRACING:
 TOP CHORE - 84 IN. OC
 BTM CHORD -
 MAX DIST FOR THE FOLLOWING
 MEMBERS IS 100 IN.
 R-PF FF-Q
 MAX DIST FOR ALL OTHER
 MEMBERS IS 120 IN.
 TRUSS SPACING - 42.0 IN.

STANDARD LOADING
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BTM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

B-C	48.5	20.0
C-D	48.5	20.0
D-E	48.5	20.0
CC-DD	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA
 JT REACT WIDTH JT REACT WIDTH

LBS	IN-SX	LBS	IN-SX
A	3542	5- 8	PF 4271
P	3158	5- 8	

LOAD CASE #5 AUTO UNBAL LIVE
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BTM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

M-B	57.8	10.0
B-C	67.8	20.0
C-D	67.8	20.0
D-E	10.0	20.0
E-N	0.0	10.0
CC-DD	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA

JT	TYPE	HORZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	0	4355	5- 8
PF	HORZ RLR	0	3933	3- 8
F	HORZ RLR	0	2507	5- 8

LOAD CASE #6 AUTO UNBAL LIVE
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%

LOADING	LIVE	DEAD (PSF)
TOP CHD	38.5	10.0
BTM CHD	0.0	10.0
TOTAL	38.5	20.0

EXCEPTIONS:

M-B	0.0	10.0
B-C	10.0	20.0
C-D	67.8	20.0
D-E	67.8	20.0
E-N	57.8	10.0
CC-DD	40.0	10.0
B-H	0.0	7.0
E-G	0.0	7.0

SUPPORT CRITERIA

JT	TYPE	HORZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	0	2769	5- 8
PF	HORZ RLR	0	4136	3- 8
F	HORZ RLR	0	3891	5- 8

MEMBER FORCES - EACH PLY
 MEMBR CSI P (LBS) M@1ST M@2ND
 TOP CHORDS

M-J	0.63	2191	C	0	-495
J-S1	0.52	1729	C	917	0
S1-B	0.81	1710	C	0	8119
CC-V	0.35	2731	C	0	223
B-C	0.87	1663	C	3180	0
V-W	0.34	2731	C	-223	-16
C-D	0.83	1303	C	0	0
W-X	0.17	983	T	163	-493
X-Y	0.18	983	T	493	-557
Y-EE	0.54	3227	T	658	-1511
EE-Z	0.54	3227	T	1511	-411
Z-AA	0.33	2632	T	427	-319
AA-BB	0.24	1342	T	319	-764
D-E	0.87	1635	C	0	-4590
BB-DD	0.24	1342	T	764	0
E-S2	0.93	1769	C	-9529	0
SZ-L	0.53	1788	C	0	-1060
L-N	0.56	1926	C	358	0

BOTTOM CHORDS

A-I	0.09	275	C	0	-90
I-H	0.80	4290	T	1316	5180
H-U	0.81	4362	T	-5180	1056
U-T	0.41	2898	T	-1056	1617
T-S	0.41	2898	T	-1617	167
S-R	0.10	1088	C	142	0
R-PF	0.50	1088	C	0	-4783
PF-Q	0.50	1330	C	4389	-358
Q-P	0.16	784	T	-162	-54
P-0	0.17	784	T	54	252
O-G	0.97	3207	T	-252	3936
G-K	0.97	3157	T	-3936	-1036
K-P	0.10	13	C	411	0

WEBS

H-CC	0.20	246	C	0	-911		
G-DD	0.14	195	C	0	623		
A-M	=	2180	C	M-I	=	1882	T
I-J	=	410	C	J-CC	=	565	C
I-CC	=	2638	C	CC-B	=	674	C
CC-U	=	498	T	U-V	=	227	C
U-W	=	1256	T	T-W	=	37	C
W-S	=	1625	C	S-X	=	205	C
S-Y	=	2272	T	R-Y	=	253	C
Y-PP	=	1497	C	FF-EE	=	243	C
FF-Z	=	1367	C	Q-Z	=	710	T
Q-AA	=	1676	C	P-AA	=	65	T
AA-0	=	1730	T	O-BB	=	245	C
O-DD	=	939	C	DD-E	=	739	C
DD-K	=	1681	C	DD-L	=	341	C
K-L	=	679	C	K-A	=	1653	T
F-N	=	1941	C				

DL+LL DEFL = 0.51" AT C
 LL DEPL = 0.25" < BRG-SPAN/360
 DL+LL HORZ = 0.40" AT C



CUSTOMER	6
----------	---

Job 10516	Mark -BGIR-	Quan 2*2P	Type ATP2	Span 320000	P1-H1 9	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering F05120006
---------------------	-----------------------	---------------------	---------------------	-----------------------	-------------------	---------------------------	----------------------------	---------------------------------

SPAN/DEFL (DL+LL) = 750

PLATES ARE FOR EACH PLY

GRIP VALVE BASED ON GROSS AREA
METHOD FOR SPRUCE-PINE-FIR.
PLATES ARE MANUFACTURED BY
JAGER BUILDING SYSTEMS INC.
ANSI/TPI 1-1995.
PLATES - 20 GAUGE SK-20
GRIPPING 353-244 PSI PER PAIR
INCLUDES 15.09 INCREASE
TENSION 1026- 712 PLI PER PAIR
SHEAR 909- 463 PLI PER PAIR

JT TYPE	PLATE	SIZE	X	Y
A	4000	2.00 X 4.50	CTR	CTR
B	1001	2.00 X 4.50	CTR	CTR
IC	5100	5.00 X 9.00	4.5	5.0
ID	5100	5.00 X 9.00	4.5	5.0
E	1001	2.00 X 4.50	CTR	CTR
F	4000	2.00 X 4.50	CTR	CTR
G	1001	2.00 X 4.50	CTR	CTR
H	1001	2.00 X 4.50	CTR	CTR
I	1073	5.00 X 9.00	4.1	1.9
J	1050R	3.00 X 4.50	CTR	CTR
K	1073	4.00 X 7.50	CTR	1.6
L	1050R	3.00 X 4.50	CTR	CTR
M	4110	4.00 X 6.00	3.5	2.0
N	4110	4.00 X 6.00	CTR	CTR
O	1072	3.50 X 7.50	2.9	1.5
P	1001	2.00 X 4.50	CTR	CTR
Q	1013R	3.50 X 6.00	CTR	2.0
R	1102	6.00 X 6.00	CTR	4.0
S	1072	4.00 X 9.00	5.2	1.6
T	1001	2.00 X 4.50	CTR	CTR
U	1072	4.00 X 6.00	CTR	1.5
V	1001	2.00 X 4.50	CTR	CTR
W	1072	4.00 X 7.50	CTR	1.5
X	1001	2.00 X 4.50	CTR	CTR
Y	1073	4.00 X 9.00	3.6	1.6
Z	1030	3.00 X 4.50	1.5	1.5
AA	1072	4.00 X 3.00	CTR	1.6
BB	1001	2.00 X 4.50	CTR	CTR
DD9999?	6.00 X15.00	5.1	2.2	
EE	1001	2.00 X 4.50	CTR	CTR
FF	1070	3.50 X 7.50	CTR	1.5
S1	1100	5.00 X 6.00	CTR	1.1
S2	1100	5.00 X 6.00	CTR	1.1

PLATES - 16 GAUGE PT-16
GRIPPING 317-216 PSI PER PAIR
INCLUDES 15.0% INCREASE
TENSION 1706-1203 PLI PER PAIR
SHEAR 1436- 783 PLI PER PAIR

JT TYPE	PLATE	SIZE	X	Y
CC9999?	6.00 X18.00	17.7	0.0	

R * PLATE IS ROTATED BY 90 DEG
I SELECTED VIA PLATE MONITOR
7 TENSION AND SHEAR REQUIREMENT
NOT CHECKED

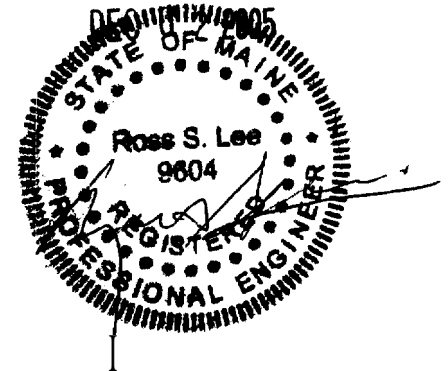
NOTES :

- TRUSSES MANUFACTURED BY - MCLAUGHLIN ROOF TRUSSES.
- ANALYSIS CONFORMS TO TPI (ANSI/TPI 1-1995).
- WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION
WIND SPEED - 90 MPH
MEAN ROOF HEIGHT - 25'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF

- ROOF SNOW LOAD PER ASCE 7-98
GROUND SNOW LOAD = 50.0 PSF
RAIN LOAD NOT REQ'D
IMPORTANCE FACTOR: 1.00
THERMAL FACTOR: 1.10
EXPOSURE FACTOR: 1.00
(BAL, UNBAL LD FAC=0.77, 1.50)
- UNBALANCED LOADS CHECKED
(UNBLN LD PAC = 1.50, 0.00).
- PREVENT TRUSS ROTATION AT ALL BEARING LOCATIONS.
- ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 567 LBS.
- PROVIDE DRAINAGE TO PREVENT WATER PONDING.
- 2 COMPLETE TRUSSES REQUIRED.
FASTEN TRUSSES TOGETHER W/ 10d NAILS AS EACH LAYER IS APPLIED, STAGGERED AS FOLLOWS
MEMBER ROWS SPACING (IN)
TOP C W 2 12.0
BTM CHD 2 12.0
WEBS 2 4.0 (1 ROW FOR 2X4/2X3 WEBS)
PLUS CLUSTERS OF NAILS IF SHOWN.
EXCEPTIONS:
10d NAILS @ 4" O.C.
B-C C-D D-E

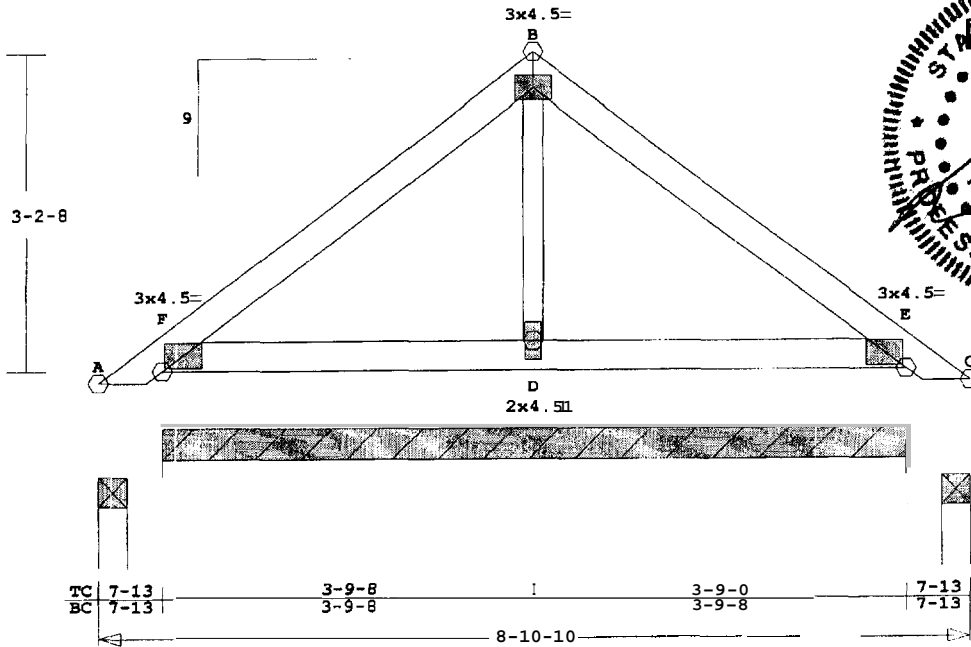
FABRICATOR NOTES:

- JAGER BUILDING SYSTEMS INC. IS RESPONSIBLE ONLY FOR THE STRUCTURAL ADEQUACY OF THIS COMPONENT BASED ON DESIGN CRITERIA AND LOADS SHOWN. IT IS THE RESPONSIBILITY OF OTHERS TO VERIFY COMPONENT SUITABILITY AND DIMENSIONS.
- REFER TO JAGER TRUSS SPECIFICATION SHEET FOR ADDITIONAL IMPORTANT INFORMATION.



DWG NO: 0512- 0	2 of 2
CUSTOMER:	

U#0386 J#10516



ALL PLATES ARE SIC2020

Scale, 0.531" = 1'

Online Plus -- Version 18.0.015
RUN DATE: 12- 1-05

CSI SIZE LUMBER 1.15FB
TOP 0.52 2X 4 SPF-#2 1510
BTM 0.08 2X 4 SPF-#2 1510
WBS 0.06 2X 3 SPF-#2 1510
REPETITIVE MEMBER INCREASES:
FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - 120 IN. OC
TRUSS SPACING - 24.0 IN.

STANDARD LOADING
LUMBER STRESS INCREASE: 15.0%
PLATE STRESS INCREASE: 15.0%
LOADING LIVE DEM (PSF)
TOP CHD 38.5 10.0
BTM CHD 0.0 10.0
TOTAL 38.5 20.0 58.5

SUPPORT CRITERIA
JT TYPE HORZ VERT WIDTH
LBS LBS IN-SX
A PIN 0 -197 3- 8
C HORZ RLR 0 -197 3- 8
CONTINUOUS BETWEEN JNTS F & E

LOAD CASE #5 AUTO UNBAL LIVE
LUMBER STRESS INCREASE: 15.0%
PLATE STRESS INCREASE: 15.0%
LOADING LIVE DEAD (PSF)
TOP CHD 38.5 10.0
BTM CHD 0.0 10.0
TOTAL 38.5 20.0 58.5

EXCEPTIONS:
A-B 57.8 10.0
B-C 0.0 10.0

SUPPORT CRITERIA
JT TYPE HORZ VERT WIDTH
LBS LBS IN-SX
A PIN 0 -275 3- 8
C HORZ RLR 0 -41 3- 8
CONTINUOUS BETWEEN JNTS F & E

LOAD CASE #6 AUTO UNBAL LIVE
LUMBER STRESS INCREASE: 15.0%
PLATE STRESS INCREASE: 15.0%
LOADING LIVE DEAD (PSF)
TOP CHD 38.5 10.0
BTM CHD 0.0 10.0

Robbins Engineering, Inc./Online Plus™

TOTAL 38.5 20.0 58.5

EXCEPTIONS:

A-B 0.0 10.0
B-C 57.8 10.0

SUPPORT CRITERIA

JT	TYPE	HORZ	VERT	WIDTH
		LBS	LBS	IN-SX
A	PIN	0	-41	3- 8
C	HORZ RLR	0	-275	3- 8

CONTINUOUS BETWEEN JNTS F & E

	LEFT	RIGHT
HEEL	OIN "	OSX

MEMBR	CSI	P(LBS)	M@1ST	M@2ND
TOP CHORDS				
A-F	0.52	192 T	0	-2504
F-B	0.48	82 C	1794	0
E-E	0.48	82 C	0	-1794
E-C	0.52	192 T	2504	0
BOTTOM CHORDS				
F-D	0.08	49 T	0	0
D-E	0.08	49 T	0	0
WEBS				
D-B		220 C		

DL+LL DEFL = 0.05" IN F-B
LL DEFL < BRG-SPAN/360
SPAN/DEFL (DL+LL) = 999

GRIP VALUE BASED ON GROSS AREA
METHOD FOR SPRUCE-PINE-FIR.
PLATES ARE MANUFACTURED BY
JAGER BUILDING SYSTEMS INC.
ANSI/TPI 1-1995.
PLATES - 20 GAUGE SK20
GRIPPING 353-244 PSI PER PAIR
INCLUDES 15.0% INCREASE
TENSION 1026- 712 PLI PER PAIR
SHEAR 909- 463 PLI PER PAIR

JT	TYPE	PLATE	SIZE	X	Y
A					
B	3001	3.00	X 4.50	CTR	CTR
C					
D	1001	2.00	X 4.50	CTR	CTR
E	2001	3.00	X 4.50	4.4	3.1
F	2001	3.00	X 4.50	4.4	3.1

NOTES:

1. TRUSSES MANUFACTURED BY - MCLAUGHLIN ROOF TRUSSES.
2. ANALYSIS CONFORMS TO TPI (ANSI/TPI 1-1995).

3. WIND LOADS - ANSI/ASCE 7-98

TRUSS IS DESIGNED AS A
MAIN WIND-FORCE RES SYSTEM
FOR EXTERIOR ZONE LOCATION
WIND SPEED - 90 MPH
MEAN ROOF HEIGHT - 25'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.

TC DEAD LOAD = 5.0 PSF
EC DEAD LOAD = 5.0 PSF

4. ROOF SNOW LOAD PER ASCE 7-98

GROUND SNOW LOAD = 50.0 PSF
RAIN LOAD NOT REQ'D

IMPORTANCE FACTOR: 1.00
THERMAL FACTOR: 1.10
EXPOSURE FACTOR: 1.00
(BAL, UNBAL LD FAC=0.77, 1.50)

5. UNBALANCED LOADS CHECKED
(UNBLN LD FAC = 1.50, 0.00).

6. SHIM EACH BEARING WALL AS
REQUIRED TO INSURE PULL
BEARING CONTACT WITH
TRUSS.

7. FASTEN TRUSS TO BRG A
FOR 275 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

8. FASTEN TRUSS TO BRG C
FOR 275 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRQ.

9. FASTEN TRUSS TO BRG F
FOR 178 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRQ.

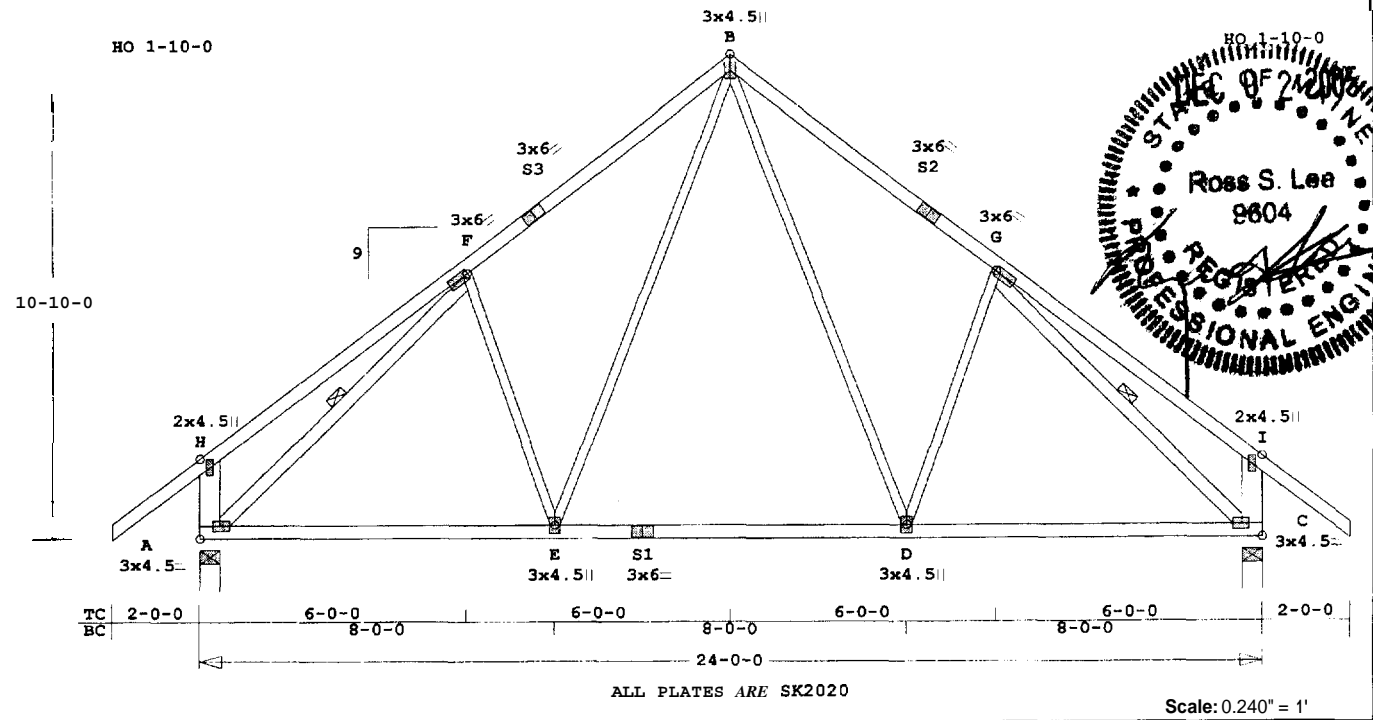
10. FASTEN TRUSS TO BRG E
FOR 153 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

FABRICATOR NOTES:

1. JAGER BUILDING SYSTEMS INC. IS RESPONSIBLE ONLY FOR THE STRUCTURAL ADEQUACY OF THIS COMPONENT BASED ON DESIGN CRITERIA AND LOADS SHOWN. IT IS THE RESPONSIBILITY OF OTHERS TO VERIFY COMPONENT SUITABILITY AND DIMENSIONS.
2. REFER TO JAGER TRUSS SPECIFICATION SHEET FOR ADDITIONAL IMPORTANT INFORMATION.

Job 10516	Mark -C-	Quan 15	Type 4.3	Span 240000	P1-H1 9	Left OH 2-0-0	Right OH 2-0-0	Engineering F05120006
---------------------	--------------------	------------	-------------	----------------	------------	------------------	-------------------	---------------------------------

U#0386 J#10516



Online Plus -- Version 18.0.015
RUN DATE: 12-1-05

CSI SIZE LUMBER 1.15FB
TOP 0.84 2X 4 SPF-2100 2400
BTM 0.61 2X 4 SPF-#2 1510
WBS 0.81 2X 3 SPF-#2 1510
EXCEPTIONS:
A-H 2X 6 SPF-#2 1310
C-I SAME AS A-H
A-F 2X 4 SPF-#2 1510
Q-C SAME AS A-F
REPETITIVE MEMBER INCREASES:
FB 15.0% FT 0.0% FC 0.0%

LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - 120 IN. OC
ONE BRACE - A-P G-C
TRUSS SPACING - 24.0 IN.

STANDARD LOADING
LUMBER STRESS INCREASE: 15.0%
PLATE STRESS INCREASE: 15.0%
LOADING LIVE DEAD (PSF)
TOP CHD 38.5 10.0
BTM CHD 0.0 10.0
TOTAL 38.5 20.0 58.5
SUPPORT CRITERIA
JT REACT WIDTH JT REACT WIDTH
LBS IN-SX LBS IN-SX
A 1404 5-8 C 1404 5-8

LOAD CASE #5 AUTO UNBAL LIVE
LUMBER STRESS INCREASE: 15.0%
PLATE STRESS INCREASE: 15.0%
LOADING LIVE DEAD (PSF)
TOP CHD 38.5 10.0
BTM CHD 0.0 10.0
TOTAL 38.5 20.0 58.5
EXCEPTIONS:
H-B 51.8 10.0
B-I 0.0 10.0
SUPPORT CRITERIA
JT TYPE HORZ VERT WIDTH
LBS LBS IN-SX
A PIN 0 1520 5-8
C HORZ RLR 0 826 5-8

LOAD CASE #6 AUTO UNBAL LIVE
LUMBER STRESS INCREASE: 15.0%
PLATE STRESS INCREASE: 15.0%

Robbins Engineering, Inc./Online Plus™

LOADING LIVE DEAD (PSF)
TOP CHD 38.5 10.0
BTM CHD 0.0 10.0
TOTAL 38.5 20.0 58.5

EXCEPTIONS:
H-B 0.0 10.0
B-I 57.8 10.0
SUPPORT CRITERIA
JT TYPE HORZ VERT WIDTH
LBS LBS IN-SX
A PIN 0 826 5-8
C HORZ RLR 0 1520 5-8

MEMBER FORCES (LBS)
TOP CHORDS
H-F = 160 T F-S3 = 1183 C
S3-B = 1183 C B-S2 = 1183 C
S2-G = 1183 C G-I = 160 T
BOTTOM CHORDS
A-E = 1033 T E-S1 = 787 T
S1-D = 787 T D-C = 1033 T
WEBS
A-H = 407 C A-F = 1462 C
F-E = 468 C E-B = 646 T
B-D = 646 T D-G = 468 C
G-C = 1462 C C-I = 407 C

DL+LL DEFL = 0.26" IN F-B
LL DEFL = 0.05" < BRG-SPAN/360
SPAN/DEFL (DL+LL) = 999

GRIP VALUE BASED ON GROSS AREA
METHOD FOR SPRUCE-PINE-FIR.
PLATES ARE MANUFACTURED BY
JAGER BUILDING SYSTEMS INC.
ANSI/TPI 1-1995.
PLATES - 20 GAUGE SK20
GRIPPING 353-244 PSI PER PAIR
INCLUDES 15.0% INCREASE
TENSION 1026- 712 PLI PER PAIR
SHEAR 909- 463 PLI PER PAIR

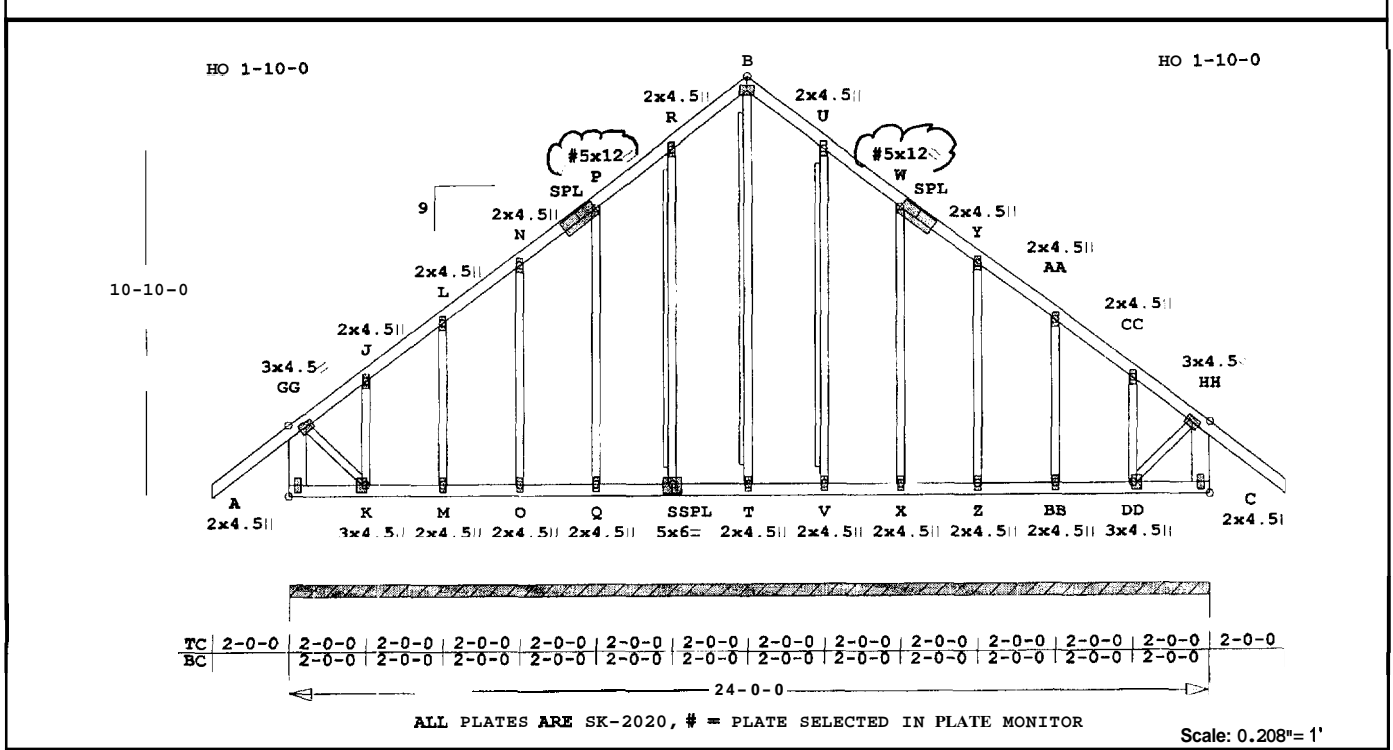
JT TYPE PLATE SIZE X Y
A 4010 3.00 X 4.50 1.9 1.5
B 3010R 3.00 X 4.50 CTR CTR
C 4010 3.00 X 4.50 1.9 1.5
D 1010R 3.00 X 4.50 CTR CTR
E 1010R 3.00 X 4.50 CTR CTR
F 1012 3.00 X 6.00 1.5 CTR
G 1012 3.00 X 6.00 1.5 CTR
H 4100 2.00 X 4.50 CTR CTR
I 4100 2.00 X 4.50 CTR CTR
S1 1100 3.00 X 6.00 CTR 0.2

S2 1100 3.00 X 6.00 CTR 0.2
S3 1100 3.00 X 6.00 CTR 0.2

R = PLATE IS ROTATED BY 90 DEG

- NOTES:
- TRUSSES MANUFACTURED BY MCLAUGHLIN ROOF TRUSSES.
 - ANALYSIS CONFORMS TO TPI (ANSI/TPI 1-1995).
 - WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION
WIND SPEED - 90 MPH
MEAN ROOF HEIGHT - 25'
EXPOSURE CATEGORY - B
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
 - ROOF SNOW LOAD PER ASCE 7-98
GROUND SNOW LOAD = 50.0 PSF
RAIN LOAD NOT REQ'D
IMPORTANCE FACTOR: 1.00
THERMAL FACTOR: 1.10
EXPOSURE FACTOR: 1.00
(BAL UNBAL LD FAC=0.77, 1.50)
 - UNBALANCED LOADS CHECKED (UNBLN LD FAC = 1.50, 0.00).
 - ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 342 LBS.
 - FASTEN TRUSS TO BRQ A FOR 92 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
 - FASTEN TRUSS TO BRG C FOR 92 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

- FABRICATOR NOTES:
- JAGER BUILDING SYSTEMS INC. IS RESPONSIBLE ONLY FOR THE STRUCTURAL ADEQUACY OF THIS COMPONENT BASED ON DESIGN CRITERIA AND LOADS SHOWN. IT IS THE RESPONSIBILITY OF OTHERS TO VERIFY COMPONENT SUITABILITY AND DIMENSIONS.
 - REFER TO JAGER TRUSS SPECIFICATION SHEET FOR ADDITIONAL IMPORTANT INFORMATION.



ALL PLATES ARE SK-2020, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.208"=1'

Robbins Engineering, Inc./Online Plus"
 B-HH 57.8 10.0
 SUPPORT CRITERIA
 CONTINUOUS BETWEEN JNTS A & C

TENSION 1026- 712 PLI PER PAIR
 SHEAR 909- 463 PLI PER PAIR

Online Plus -- Version 18.0.012
 RUN DATE: 12- 2-05

CSI SIZE LUMBER 1.15FB
 TOP 0.13 2X 4 SPF-#2 1510
 BIM 0.07 2X 4 SPF-#2 1510
 WBS 0.32 2X 3 SPF-#2 1510
 EXCEPTIONS:
 A-GG 2X 6 SPF-#2 1310
 C-HH SANE AS A-GG
 REPETITIVE MEMBER INCREASES:
 FB 15.0% FT 0.0% PC 0.0%

LATERAL BRACING:
 TOP CHORD - CONTINUOUS
 BTM CHORD - 120 IN. OC
 ONE 2X4 T-BRACE:
 S-R T-B V-U
 TRUSS SPACING - 24.0 IN.

STANDARD LOADING
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 38.5 10.0
 BTM CHD 0.0 10.0
 TOTAL 38.5 20.0 58.5

SUPPORT CRITERIA
 CONTINUOUS BETWEEN JNTS A & C

LOAD CASE #5 AUTO UNBAL LIVE
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 38.5 10.0
 BTM CHD 0.0 10.0
 TOTAL 38.5 20.0 58.5
 EXCEPTIONS:
 GG-B 57.8 10.0
 B-HH 0.0 10.0

SUPPORT CRITERIA
 CONTINUOUS BETWEEN JNTS A & C

LOAD CASE #6 AUTO UNBAL LIVE
 LUMBER STRESS INCREASE: 15.0%
 PLATE STRESS INCREASE: 15.0%
 LOADING LIVE DEAD (PSF)
 TOP CHD 38.5 10.0
 BTM CHD 0.0 10.0
 TOTAL 38.5 20.0 58.5
 EXCEPTIONS:
 QG-B 0.0 10.0

MEMBR	CSI	P(LBS)	M@1ST	M@2ND
TOP CHORDS				
QG-J	0.13	201 C	0	77
J-L	0.13	166 C	-77	65
L-N	0.12	134 C	-65	83
N-P	0.12	107 T	132	0
P-R	0.13	135 T	0	23
R-B	0.13	169 T	-23	0
B-U	0.13	159 T	0	123
U-W	0.13	104 T	-36	0
W-Y	0.12	74 T	0	84
Y-AA	0.12	59 C	-83	64
AA-CC	0.13	91 C	-64	80
CC-HH	0.13	138 C	-180	0
BOTTOM CHORDS				
A-K	0.07	330 C	0	0
K-M	0.04	201 T	0	0
M-O	0.04	201 T	0	0
O-Q	0.04	201 T	0	0
Q-S	0.04	201 T	0	0
S-T	0.04	201 T	0	0
T-V	0.04	201 T	0	0
V-X	0.04	201 T	0	0
X-Z	0.04	201 T	0	0
Z-BB	0.04	201 T	0	0
BB-DD	0.04	201 T	0	0
DD-C	0.00	17 C	0	0

WEBS			
A-GG	=	267 C	QG-K = 266 T
K-J	=	307 C	M-L = 258 C
O-N	=	306 C	Q-P = 216 C
S-R	=	329 C	T-B = 172 C
V-U	=	329 C	X-W = 216 C
Z-Y	=	306 C	BB-AA = 258 C
DD-CC	=	307 C	DD-HH = 236 T
C-HH	=	177 C	

DL+LL DEFL = 0.01" IN P-R
 LL DEFL < BRG-SPAN/360
 SPAN/DEFL (DL+LL) = 999

QRIP VALUE BASED ON GROSS AREA
 METHOD FOR SPRUCE-PINE-FIR.
 PLATES ARE MANUFACTURED BY
 JAQER BUILDING SYSTEMS INC.
 ANSI/TPI 1-1995.
 PLATES - 20 GAUGE SK-20
 GRIPPING 353-244 PSI PER PAIR
 INCLUDES 15.0% INCREASE

JT TYPE	PLATE SIZE	X	Y
A	4000 2.00 X 4.50	CTR	CTR
B	3001 3.00 X 4.50	CTR	CTR
C	4000 2.00 X 4.50	CTR	CTR
J	1001 2.00 X 4.50	CTR	CTR
K	1012R 3.00 X 4.50	CTR	CTR
L	1001 2.00 X 4.50	CTR	CTR
M	1001 2.00 X 4.50	CTR	CTR
N	1001 2.00 X 4.50	CTR	CTR
O	1001 2.00 X 4.50	CTR	CTR
P	1191 5.00 X12.00	6.0	3.0
Q	1001 2.00 X 4.50	CTR	CTR
R	1001 2.00 X 4.50	CTR	CTR
S	1102 5.00 X 6.00	CTR	3.0
T	1001 2.00 X 4.50	CTR	CTR
U	1001 2.00 X 4.50	CTR	CTR
V	1001 2.00 X 4.50	CTR	CTR
W	1191 5.00 X12.00	6.0	3.0
X	1001 2.00 X 4.50	CTR	CTR
Y	1001 2.00 X 4.50	CTR	CTR
Z	1001 2.00 X 4.50	CTR	CTR
AA	1001 2.00 X 4.50	CTR	CTR
BB	1001 2.00 X 4.50	CTR	CTR
CC	1001 2.00 X 4.50	CTR	CTR
DD	1013R 3.00 X 4.50	CTR	CTR
GG	4110 3.00 X 4.50	CTR	CTR
HH	4110 3.00 X 4.50	CTR	CTR

R = PLATE IS ROTATED BY 90 DEG
 ! SELECTED VIA PLATE MONITOR

- NOTES:
- TRUSSES MANUFACTURED BY MCLAUGHLIN ROOF TRUSSES.
 - ANALYSIS CONFORMS TO TPI (ANSI/TPI 1-1995).
 - WIND LOADS - ANSI/ASCE 7-98
 TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM FOR EXTERIOR ZONE LOCATION
 WIND SPEED - 90 MPH
 MEAN ROOF HEIGHT - 25'
 EXPOSURE CATEGORY - B
 OCCUPANCY FACTOR - 1.00
 ENCLOSED BUILDING.
 TC DEAD LOAD = 5.0 PSF
 BC DEAD LOAD = 5.0 PSF

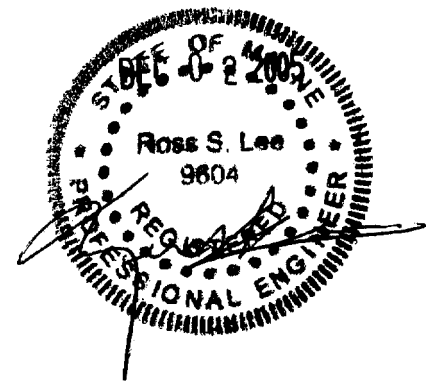


Job 10516	Mark -CGAB-	Quan 1	Type 4.3	Span 240000	P1-H1 9	Left OH 2-0-0	Right OH 2-0-0	Engineering F05120006
---------------------	-----------------------	-----------	-------------	----------------	------------	------------------	-------------------	--------------------------

4. ROOF SNOW LOAD PER ASCE 7-98
GROUND SNOW LOAD = 50.0 PSF
RAIN LOAD NOT REQ'D
IMPORTANCE FACTOR: 1.00
THERMAL FACTOR: 1.10
EXPOSURE FACTOR: 1.00
(BAL,UNBAL LD FAC=0.77,1.50)
5. UNBALANCED LOADS CHECKED
(UNBLN LD FAC = 1.50, 0.00).
6. ANCHOR TRUSS FOR A TOTAL
HORIZONTAL LOAD OF 342 LBS.
7. FASTEN TRUSS TO BRG A
FOR 210 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
8. FASTEN TRUSS TO BRQ C
FOR 120 LBS OF UPLIFT.
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
9. FASTEN TRUSS TO BRG K
FOR 245 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
10. FASTEN TRUSS TO BRQ M
FOR 72 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
11. FASTEN TRUSS TO BRG O
FOR 85 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
12. FASTEN TRUSS TO BRG Q
FOR 62 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
13. FASTEN TRUSS TO BRG S
FOR 87 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
14. FASTEN TRUSS TO BRG V
FOR 86 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
15. FASTEN TRUSS TO BRG X
FOR 63 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
16. FASTEN TRUSS TO BRQ Z
FOR 85 LBS OF UPLIFT,
WHILE PERMITTING NO WWARD
MOVEMENT OF WALL OR BRG.
17. FASTEN TRUSS TO BRG BB
FOR 72 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.
18. FASTEN TRUSS TO BRG DD
FOR 227 LBS OF UPLIFT,
WHILE PERMITTING NO UPWARD
MOVEMENT OF WALL OR BRG.

FABRICATOR NOTES:

1. JAGER BUILDING SYSTEMS INC.
IS RESPONSIBLE ONLY FOR THE
STRUCTURAL ADEQUACY OF THIS
COMPONENT BASED ON DESIGN
CRITERIA AND LOADS SHOWN.
IT IS THE RESPONSIBILITY OF
OTHERS TO VERIFY COMPONENT
SUITABILITY AND DIMENSIONS.
2. REFER TO JAGER TRUSS
SPECIFICATION SHEET FOR
ADDITIONAL IMPORTANT
INFORMATION.



DWG NO: 0512 - 9	2 of 2
CUSTOMER:	



Eastern Heritage

M A N U F A C T U R I N G

1350 Regent Street Fredericton N.B. Canada
P.O. Box 901 Station A E3B 5B4
Tel 506 454 0080 Fax 506 454 0082 Cell 506 476 4400
www.ehmcanada.com

Quotation

Date: December 16, 2005
To: McLaughlin Roof Trusses

Re: Blanchard Residence

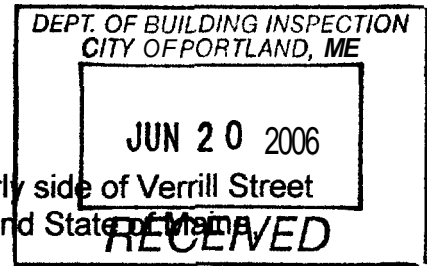
Panelized walls constructed to the complete one building.
All material is Kiln Dried # 2 and Stud SPF
Exterior walls are manufactured from 2x6 8' high
Interior walls are manufactured from 2x4 and 2x6 8' high
Exterior sheathing is 1/2" Plywood

Price Fob Fredericton \$8050.00 USD

Stud notching as per customer request
Price valid for ten days

Half trailer load, 346' of wall.

EXHIBIT A



A certain lot of parcel of land situated on the easterly side of Verrill Street so-called, in the City of Portland, County of Cumberland and State of Maine being more particularly described as follows:

Beginning at a 5/8-inch steel rod also know as a rebar found flush with the surface of the ground on the easterly sideline of Verrill Street, said rebar being located 79.34 feet northeasterly from the southeasterly street line corner formed by the intersection of Iffley Street and Verrill Street, said rebar also marking the most northeasterly property corner of land now or formerly of Nancy L. Burnham and Clyde E. Burnham as described in a deed recorded in the Cumberland County Registry of Deeds in Deed Book 21317, Page 285;

Thence, by and along the easterly sideline of Verrill Street, North $44^{\circ}-01'-33''$ East, a distance of 90.00 feet to the land now or formerly of Marie E. Bernatche as described in deed recorded in Deed Book 12655, Page 118;

Thence, by and along the land of the aforementioned Bernatche, South $45^{\circ}-58'-27''$ East, a distance of 98.35 feet to a 5/8-inch capped rebar found with a plastic cap inscribed with the name Johnson and the number 1261, said rebar found flush with the ground at the land to be retained by the herein grantors, James P. Blanchard and Jane E. Blanchard, said land originally described in a deed recorded in Deed Book 21571, Page 132;

Thence, by and along the land to be retained by James P. Blanchard and Jane E. Blanchard, South $42^{\circ}-45'-31''$ West, a distance of 90.03 feet to the land now or formerly of the aforementioned Nancy L. Burnham and Clyde E. Burnham;

Thence, by and along the land of Burnham, North $45^{\circ}-58'-27'$ West, a distance of 100.34 feet to the Point of Beginning.

The above described parcel of land containing 8940.68 square feet or 0.21 acres.

The bearings described herein are based upon a magnetic North observation take with a hand held compass during the month June 2005 at the above parcel.

All deeds mentioned herein are recorded in the Cumberland County Registry of Deeds, Portland **Maine**.

This description is based upon a Boundary Survey and plan thereof prepared for Art Girard and James Blanchard during the month of June, 2005. Said plan is titled "Topographic and Boundary Plan with proposed Lot Split - Proposed Dwelling at 100-104 Verrill Street and 163 Belfort Street Portland,

Maine. For Art Girard by Back Bay Boundary, Inc. 643 Forest Avenue Portland, Maine dated October 14, 2005 with a revised date of June 5, 2006. Said plan is unrecorded at the time of this description but is on file at the office of Back Bay Boundary, Inc.

Meaning to convey and hereby conveying a portion of the premises described in a deed from James P. Blanchard to James P. Blanchard and Jane E. Blanchard dated July 17, 2004, and recorded in the Cumberland County Registry of Deeds in Deed Book 21571, Page 132;

Prepared by:
Robert T. Greenlaw, PLS
Back Bay Boundary, Inc.
Maine Professional Land Surveyor #2303
June 6.2006

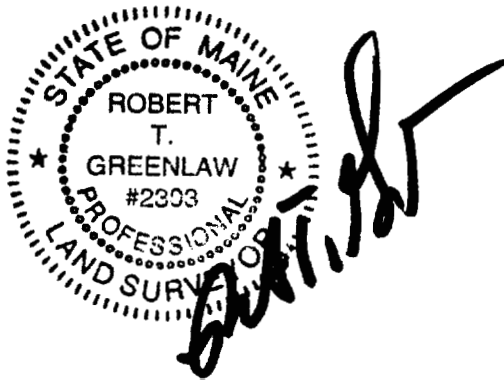


EXHIBIT A

A certain lot of parcel of land situated on the easterly side of Verrill Street so-called, in the City of Portland, County of Cumberland and State of Maine, being more particularly described as follows:

Beginning at a 5/8-inch steel rod also know as a rebar found flush with the surface of the ground on the easterly sideline of Verrill Street, said rebar being located 79.34 feet northeasterly from the southeasterly street line corner formed by the intersection of Iffley Street and Verrill Street, said rebar also marking the most northeasterly property corner of land now or formerly of Nancy L. Burnham and Clyde E. Burnham as described in a deed recorded in the Cumberland County Registry of Deeds in Deed Book 21317, Page 285;

Thence, by and along the easterly sideline of Verrill Street, North $44^{\circ}-01'-33''$ East, a distance of 90.00 feet to the land now or formerly of Marie E. Bernatche as described in deed recorded in Deed Book 12655, Page 118;

Thence, by and along the land of the aforementioned Bernatche, South $45^{\circ}-58'-27''$ East, a distance of 98.35 feet to a 5/8-inch capped rebar found with a plastic cap inscribed with the name Johnson and the number 1261, said rebar found flush with the ground at the land to be retained by the herein grantors, James P. Blanchard and Jane E. Blanchard, said land originally described in a deed recorded in Deed Book 21571, Page 132;

Thence, by and along the land to be retained by James P. Blanchard and Jane E. Blanchard, South $42^{\circ}-45'-31''$ West, a distance of 90.03 feet to the land now or formerly of the aforementioned Nancy L. Burnham and Clyde E. Burnham;

Thence, by and along the land of Burnham, North $45^{\circ}-58'-27''$ West, a distance of 100.34 feet to the Point of Beginning.

The above described parcel of land containing **8940.68** square feet or 0.21 acres.

The bearings described herein are based upon a magnetic North observation - take with a hand held compass during the month June 2005 at the above parcel.

All deeds mentioned herein are recorded in the Cumberland County Registry of **Deeds**, Portland Maine.

This description is based upon a Boundary Survey and plan thereof prepared for Art Girard and James Blanchard during the month of June, 2005. Said plan is titled "Topographic and Boundary Plan with proposed Lot Split – Proposed Dwelling at 100-104 Verrill Street and 163 Belfort Street Portland,

Maine. For Art Girard by Back Bay Boundary, Inc. 643 Forest Avenue Portland, Maine dated October 14, 2005 with a revised date of June 5, 2006. Said plan is unrecorded at the time of this description but is on file at the office of Back Bay Boundary, Inc.

Meaning to convey and hereby conveying a portion of the premises described in a deed from James P. Blanchard to James P. Blanchard and Jane E. Blanchard dated July 17, 2004, and recorded in the Cumberland County Registry of Deeds in Deed Book 21571, Page 132;

Prepared by:
Robert T. Greenlaw, PLS
Back Bay Boundary, Inc.
Maine Professional Land Surveyor #2303
June 6, 2006

