

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUILDING INSPECTION

PERMITPlease Read
Application And
Notes, If Any,
Attached

Permit Number: 080871

ISSUED

SEP 2 2008

CITY OF PORTLAND

This is to certify that BRODIE IAN B & MATTHEW A FRAHM ITS/property ownerhas permission to Single Family Home - Second floor addition w/ 2 bath and 1 bedroomAT 47 DAKOTA ST 407 H008001

provided that the person or persons performing or supervising 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 part thereof is occupied or services are provided. 4 HOUR NOTIFICATION 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 _____

Other _____
Department Name

9/2/08 *Cliff M.*
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 08-0877	Issue Date: 9/2/08	CBL: 407 H008001
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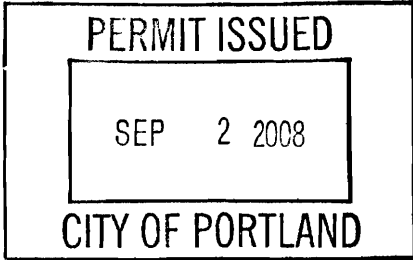
Location of Construction: 47 DAKOTA ST	Owner Name: BRODIE IAN B & MATTHEW A	Owner Address: 47 DAKOTA ST	Phone:
Business Name:	Contractor Name: property owner	Contractor Address:	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Dwellings	Zone: R-3

Past Use: Single Family Home	Proposed Use: Single Family Home - Second floor addition w/ 2nd bath and 4th bedroom	Permit Fee: \$220.00	Cost of Work: \$20,000.00	CEO District: 4	12402 ^F
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Proposed Project Description: Single Family Home - Second floor addition w/ 2nd bath and 4th bedroom	FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R-3 Type: SB IEC-2007 Signature: [Signature] 9/2/08
	PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____	

Permit Taken By: Idobson	Date Applied For: 07/17/2008	Zoning Approval	
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland <i>using 14-425</i></p> <p><input type="checkbox"/> Wetland <i>for front covered entry</i></p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj. <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: <i>9/8/08</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input checked="" type="checkbox"/> Denied</p> <p>Date: _____</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>
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CERTIFICATION

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

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

INSPECTION OF PREMISES

I HEREBY CERTIFY TO Douglas Title Co.
The Mortgage Office and its Title Insurer

47 Dakota Street
Portland, Maine

Job Number: 381-05
Inspection Date: 11-18-04
Scale: 1" = 30'

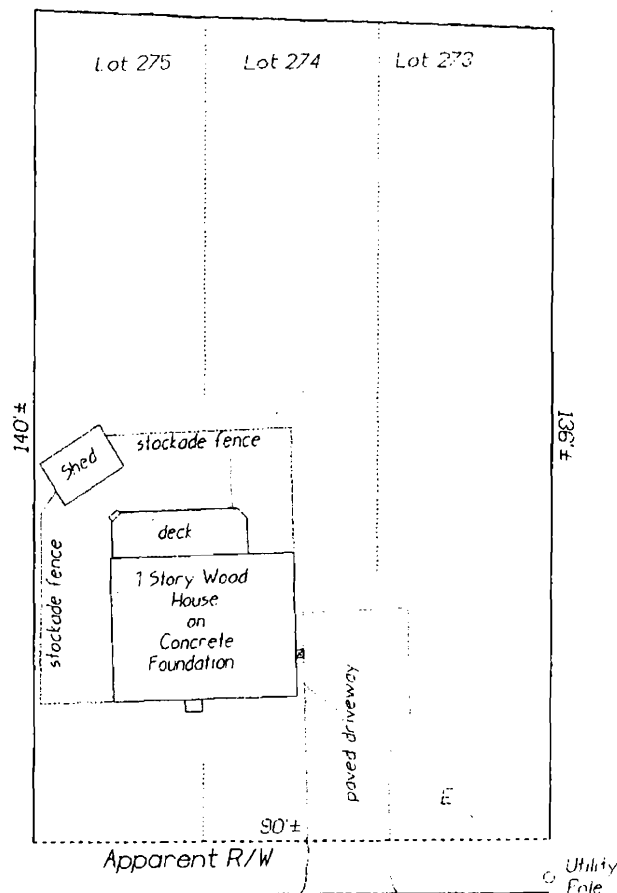
The monumentation is ~~not~~ in harmony with current deed description. Monumentation is Vague

The building setbacks are ~~not~~ in conformity with town zoning requirements.

The dwelling does not ~~appear~~ to fall within the special flood hazard zone as delineated by the Federal Emergency Management Agency.

The land does not ~~appear~~ to fall within the special flood hazard zone as indicated on community-panel # 230051 0007 B

BUYER: Christopher Gilliland
SELLER: Judith Bauer



Dakota Street
(bituminous)

Rov Street

THIS PROPERTY IS SUBJECT TO ALL RIGHTS AND EASEMENTS OF RECORD. THOSE THAT ARE EVIDENT ARE SHOWN. THIS PLAN MIGHT NOT REVEAL CONFLICTS WITH ABUTTING DEEDS.

Bruce R. Bowman
INCORPORATED
199 John Small Road
Chebeague Island, Maine 04017
Phone: (207) 846-1663
Fax: (207) 846-1664



PLAN BOOK 16 PAGE 29 LOT 273-275
DEED BOOK 15484 PAGE 165 COUNTY Cumberland

THIS PLAN IS NOT FOR RECORDING Drawn by: *[Signature]*



MiTek Industries, Inc.

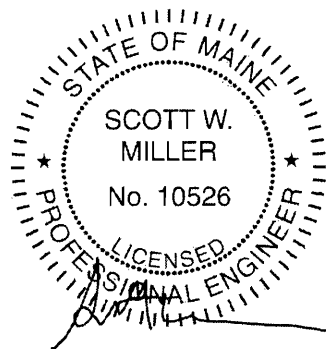
14515 North Outer Forty Drive
Suite 300
Chesterfield, MO 63017-5746

Re: 88331

The truss drawing(s) referenced below have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Sprowl Building Components, Inc..

Pages or sheets covered by this seal: I14336252 thru I14336252

My license renewal date for the state of Maine is December 31, 2009.



August 7, 2008

Miller, Scott

The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-2002 Chapter 2.

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
STOCKS	24-6-56	COMMON	12	1	

11770087

Sprawl Building Components, Searsmont, ME 04973

6.500 s Feb 5 2007 MiTek Industries, Inc. Mon Mar 05 15:23:27 2007 Page 1

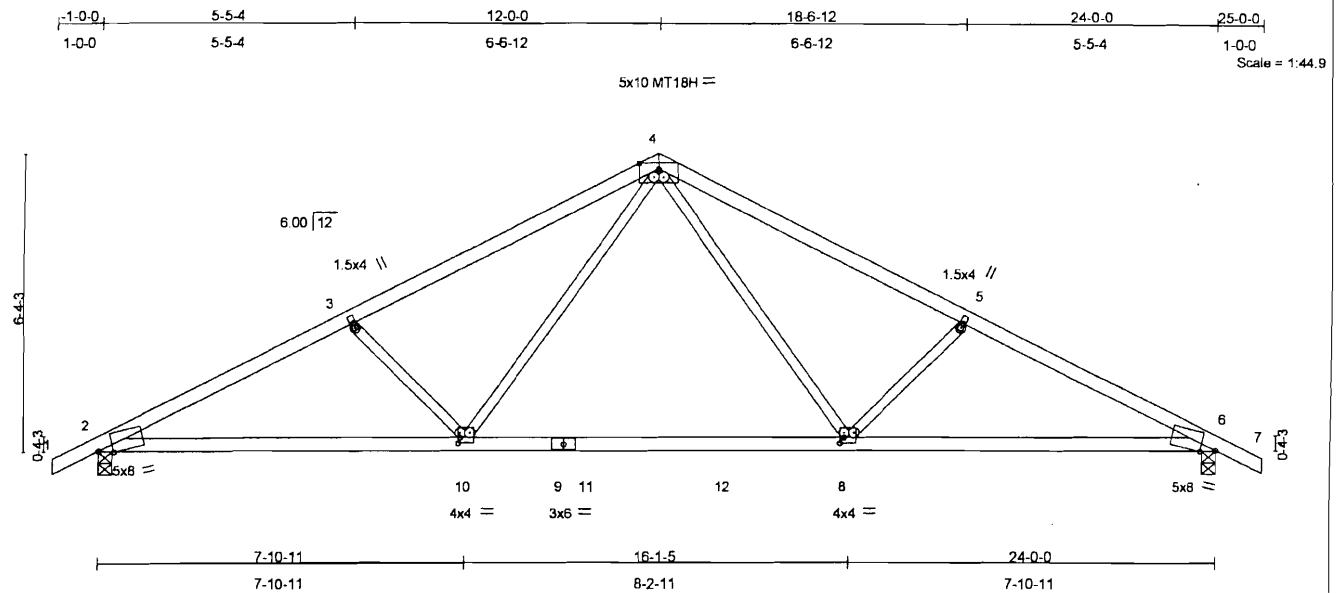


Plate Offsets (X,Y): [2.0-3-13,Edge], [6.0-3-13,Edge], [8.0-1-0.0-1-8], [10.0-0-8.0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 56.0 (Roof Snow=56.0)	Plates Increase	1.15	TC 0.71	Vert(LL)	-0.29 8-10	>965	360	MT20	197/144
TCDL 7.0	Lumber Increase	1.15	BC 0.79	Vert(TL)	-0.39 8-10	>728	240	MT18H	197/144
BCLL 0.0	Rep Stress Incr	YES	WB 0.37	Horz(TL)	0.09 6	n/a	n/a		
BCDL 10.0	Code	BOCA/ANSI95	(Matrix)						Weight: 78 lb

LUMBER
TOP CHORD 2 X 4 SPF 2100F 1.8E
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 3 SPF No.2

BRACING
TOP CHORD Sheathed or 3-10-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-5-7 oc bracing.

REACTIONS (lb/size) 2=1933/0-3-8, 6=1933/0-3-8
Max Horz 2=-139(LC 7)
Max Uplift 2=-541(LC 6), 6=-541(LC 7)

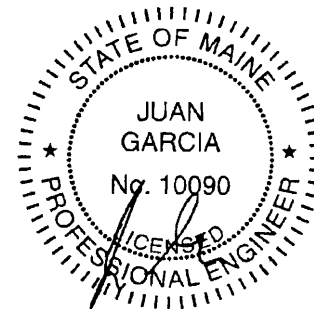
This truss design is based upon the building code shown. This code has been specified by the project engineer/architect, or building designer. The applicability of this code in any particular jurisdiction should be confirmed with the building official prior to truss fabrication. This determination is not the responsibility of the component/truss designer.

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/66, 2-3=-3291/799, 3-4=-2800/714, 4-5=-2800/715, 5-6=-3291/800, 6-7=0/66
BOT CHORD 2-10=-722/2804, 9-10=-319/1848, 9-11=-319/1848, 11-12=-319/1848, 8-12=-319/1848, 6-8=-584/2804
WEBS 3-10=-905/387, 4-10=-243/1090, 4-8=-243/1090, 5-8=-905/388

NOTES

- 1) Wind: ASCE 7-02; 110mph; h=25ft; TCDL=4.2psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33 Plate metal DOL=1.33.
- 2) Roof design snow load has been reduced to account for slope.
- 3) Unbalanced snow loads have been considered for this design.
- 4) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
- 5) All plates are MT20 plates unless otherwise indicated.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 541 lb uplift at joint 2 and 541 lb uplift at joint 6.

LOAD CASE(S) Standard



March 5, 2007

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIT-7473 BEFORE USE.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, OSB-89 and BCS11 Building Component Safety Information - available from Truss Plate Institute, 583 D Onofrio Drive, Madison, WI 53719.

MiTek
POWER TO PERFORM™
14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	
STOCKS	24G-6	STOCK	10	1	24G-6 Job Reference (optional)
Sprowl Building Components, Searsmont, ME 04973, Tim Emerson			6.200 s Feb 11 2005 MiTek Industries, Inc. Tue Apr 05 15:16:17 2005 Page 1		

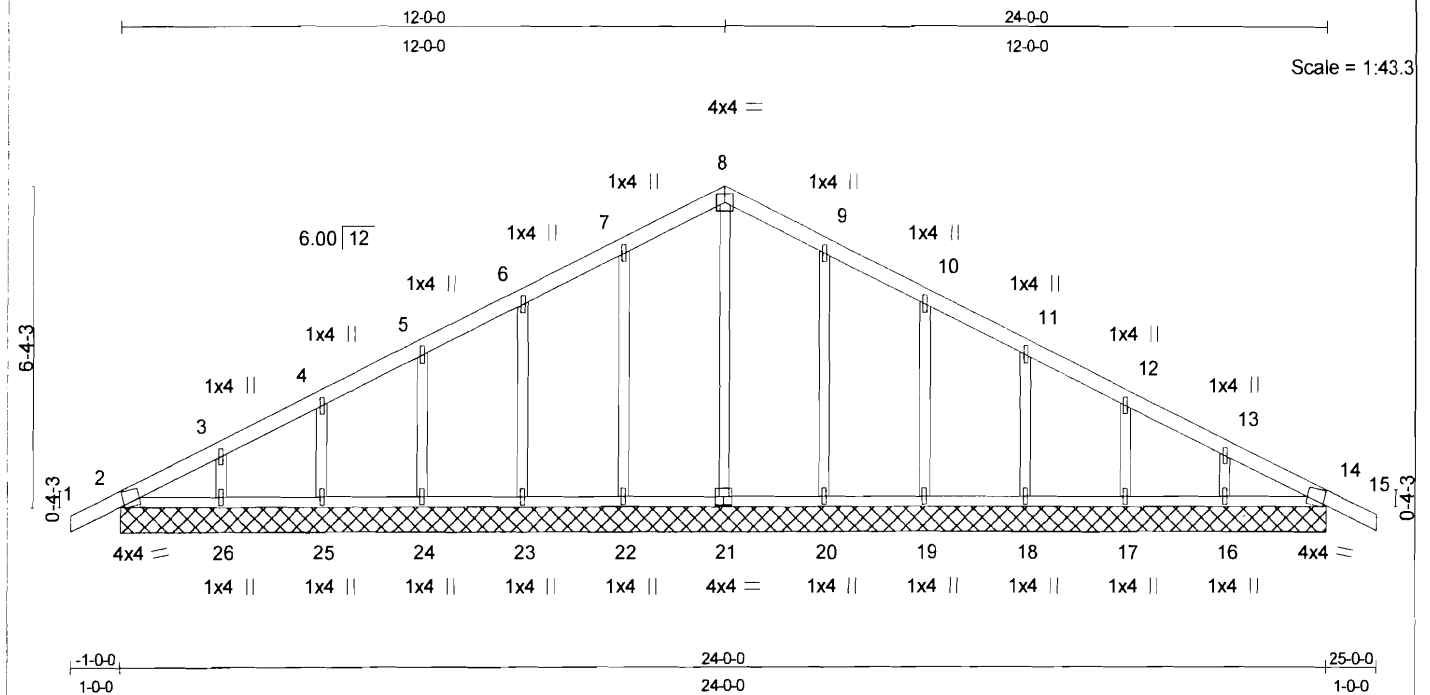


Plate Offsets (X,Y): [2:0-0-13,Edge], [14:0-0-13,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 42.0 (Roof Snow=42.0)	Plates Increase	1.15	TC 0.15	Vert(LL)	0.00	15	n/r	MT20	197/144
TCDL 7.0	Lumber Increase	1.15	BC 0.08	Vert(TL)	0.00	15	n/r		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.16	Horz(TL)	0.00	14	n/a		
BCDL 10.0	Code	BOCA/ANSI95	(Matrix)						
								Weight: 81 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 3 SPF No.2
OTHERS 2 X 3 SPF No.2

BRACING
TOP CHORD
Sheathed or 6-0-0 oc purlins.
BOT CHORD
Rigid ceiling directly applied or 9-10-0 oc bracing.

REACTIONS (lb/size)	
14 =	234/24-0-0
21 =	291/24-0-0
22 =	321/24-0-0
23 =	276/24-0-0
24 =	230/24-0-0
25 =	239/24-0-0
26 =	227/24-0-0
20 =	321/24-0-0
19 =	276/24-0-0
18 =	230/24-0-0
17 =	239/24-0-0
16 =	227/24-0-0
2 =	234/24-0-0
Max Horz	
2 =	113(load case 6)
Max Uplift	
14 =	-45(load case 7)
22 =	-48(load case 6)
23 =	-54(load case 6)
24 =	-51(load case 6)
25 =	-56(load case 6)
26 =	-43(load case 6)
20 =	-45(load case 7)
19 =	-56(load case 7)
18 =	-51(load case 7)
17 =	-56(load case 7)
16 =	-41(load case 7)
2 =	-33(load case 4)
Max Grav	
14 =	275(load case 3)

Max Grav	
21 =	291(load case 1)
22 =	374(load case 2)
23 =	317(load case 2)
24 =	272(load case 2)
25 =	282(load case 2)
26 =	267(load case 2)
20 =	374(load case 3)
19 =	317(load case 3)
18 =	272(load case 3)
17 =	282(load case 3)
16 =	267(load case 3)
2 =	275(load case 2)

FORCES (lb)			
Maximum Compression/Maximum Tension			
TOP CHORD			
1-2 =	-0/46	2-3 =	-113/50
3-4 =	-73/73	4-5 =	-70/97
5-6 =	-70/120	6-7 =	-70/144
7-8 =	-74/163	8-9 =	-74/156
9-10 =	-70/118	10-11 =	-70/75
11-12 =	-70/40	12-13 =	-71/37
13-14 =	-77/36	14-15 =	0/46
BOT CHORD			
2-26 =	0/91	25-26 =	0/91
24-25 =	0/91	23-24 =	0/91
22-23 =	0/91	21-22 =	0/91
20-21 =	0/91	19-20 =	0/91
18-19 =	0/91	17-18 =	0/91
16-17 =	0/91	14-16 =	0/91
WEBS			
8-21 =	-174/0	7-22 =	-249/72
6-23 =	-237/78	5-24 =	-238/75
4-25 =	-240/79	3-26 =	-230/71
9-20 =	-249/69	10-19 =	-237/79
11-18 =	-238/75	12-17 =	-240/79
13-16 =	-230/69		

NOTES
1) Wind: ASCE 7-98; 85mph; h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see MiTek "Standard Gable End Detail"
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 45 lb uplift at joint 14, 48 lb uplift at joint 22, 54 lb uplift at joint 23, 51 lb uplift at joint 24, 56 lb uplift at joint 25, 43 lb uplift at joint 26, 45 lb uplift at joint 20, 56 lb uplift at joint 19, 51 lb uplift at joint 18, 56 lb uplift at joint 17, 41 lb uplift at joint 16 and 33 lb uplift at joint 2.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 98 lb down at 0-0-0, and 98 lb down at 24-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
11) 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 Except:

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	
STOCKS	24G-6	STOCK	10	1	24G-6 Job Reference (optional)

Sprowl Building Components, Searsmont, ME 04973, Tim Emerson

6.200 s Feb 11 2005 MiTek Industries, Inc. Tue Apr 05 15:16:18 2005 Page 2

LOAD CASE(S)

Standard Except:

8) User defined: Lumber Increase=1.15, Plate
Increase=1.15
Uniform Loads (plf)
Vert: 2-14=-20(F), 2-8=-98(F), 8-14=-98(F)
Concentrated Loads (lb)
Vert: 14=-98(F) 2=-98(F)

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)	114336252
88331	A	SPECIAL	6	1		

Sprowl Building Components, Searsmont, ME 04973

7.050 s May 22, 2008 MITek Industries, Inc. Thu Aug 07 09:08:25 2008 Page 1

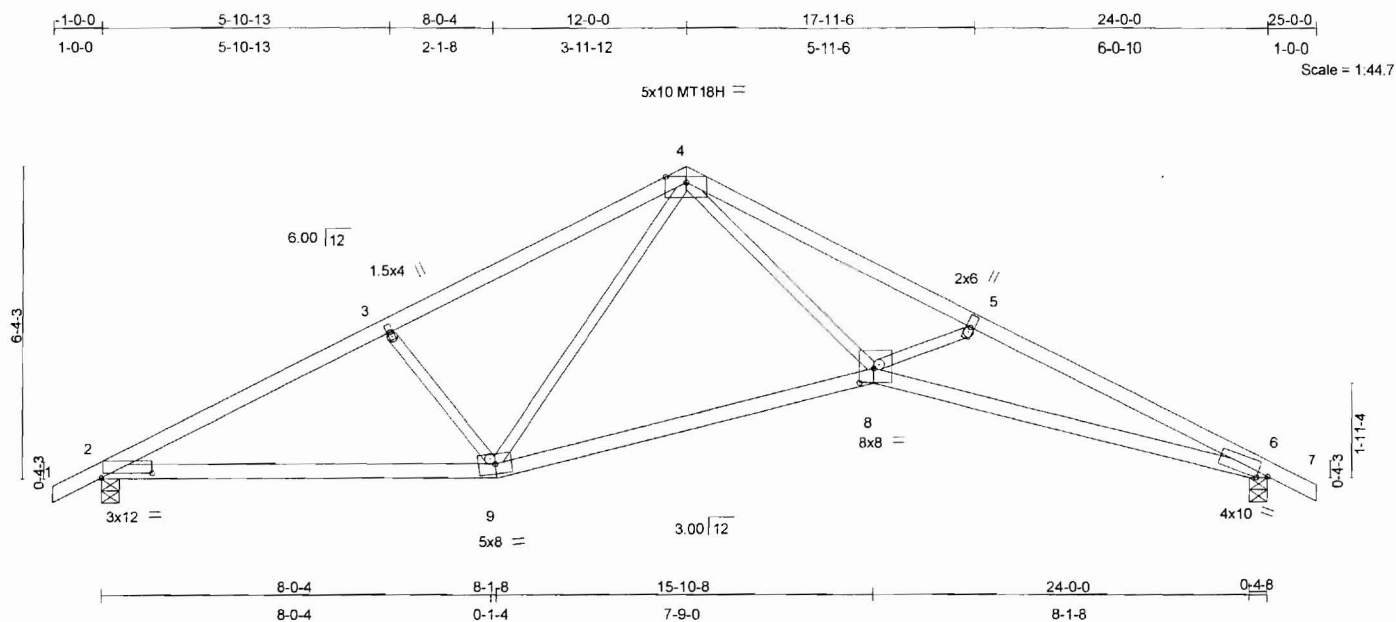


Plate Offsets (X,Y): [2:1-0-8,0-1-2], [6:0-2-11,0-1-3], [8:0-3-8,0-3-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 56.0 (Roof Snow=56.0)	2-0-0 Plates Increase 1.15 Lumber Increase 1.15	TC 0.90 BC 0.89 WB 0.44 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.42 8-9 >669 360 Vert(TL) -0.64 8-9 >442 240 Horz(TL) 0.34 6 n/a n/a	MT20 MT18H	169/123 197/144
TCDL 7.0	Rep Stress Incr YES				
BCLL 0.0	Code BOCA/TPI2002				Weight: 75 lb
BCDL 10.0					

LUMBER
TOP CHORD 2 X 4 SPF 1650F 1.5E
BOT CHORD 2 X 4 SPF No.2 *Except*
8-9: 2 X 4 SPF-S No.2, 6-8: 2 X 4 SPF 2100F 1.8E
WEBS 2 X 3 SPF No.2 *Except*
4-8: 2 X 3 SPF 2100F 1.8E

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

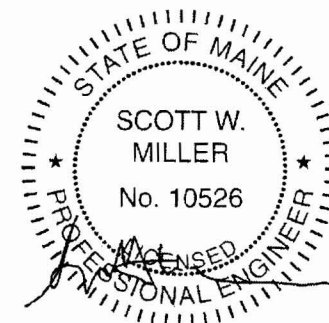
REACTIONS (lb/size) 2=1874/0-4-8, 6=1874/0-4-8
Max Horz 2=-114(LC 7)
Max Uplift 2=-589(LC 6), 6=-589(LC 7)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/66, 2-3=-3071/889, 3-4=-2617/835, 4-5=-4741/1229, 5-6=-5504/1497, 6-7=0/61
BOT CHORD 2-9=-766/2593, 8-9=-447/2144, 6-8=-1232/4891
WEBS 3-9=-878/405, 4-9=-223/609, 4-8=-676/2955, 5-8=-982/475

NOTES (10)

- 1) Wind: ASCE 7-02; 100mph; TCCL=4.2psf; BCDL=5.0psf; h=25ft; Cat. II; Exp C; partially; MWFRS (low-rise) gable end zone; cantilever left exposed; Lumber DOL=1.33 plate grip DOL=1.33
- 2) Roof design snow load has been reduced to account for slope.
- 3) Unbalanced snow loads have been considered for this design.
- 4) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
- 5) All plates are MT20 plates unless otherwise indicated.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Bearing at joint(s) 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 589 lb uplift at joint 2 and 589 lb uplift at joint 6.
- 9) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.
- 10) This truss design is based upon the building code shown. This code has been specified by the project engineer/architect or building designer. The applicability of this code in any particular jurisdiction should be confirmed with the building official prior to truss fabrication. This determination is not the responsibility of the component/truss designer.

LOAD CASE(S) Standard



August 7, 2008

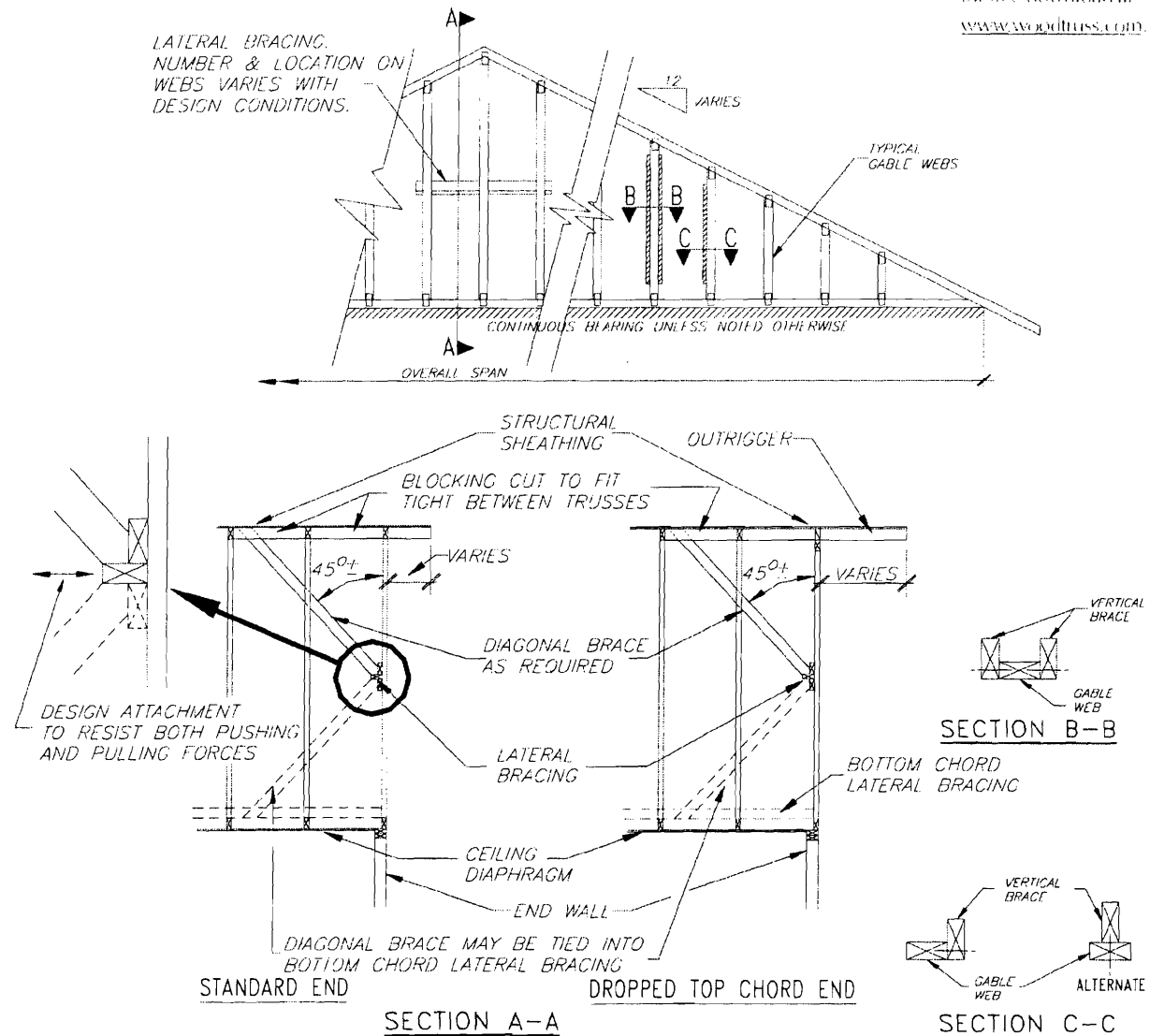
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII 7473 BEFORE USE.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI1 Quality Criteria, D58-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek
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14515 N. Outer Forty, Suite #300
Chesterfield, MO 63017

WTCA STANDARD DETAILS Gable End Bracing

Figure 16.3.2 WTCA standard industry detail for gable end bracing. Available for free download at www.woodtruss.com.

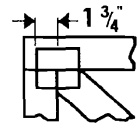


NOTES:

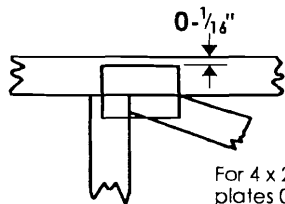
- 1) ACTUAL BRACING REQUIREMENTS WILL VARY DUE TO WIND LOAD, CODE CRITERIA, BUILDING HEIGHT, TRUSS SPAN, WEB LUMBER GRADE/SPECIES/ON CENTER SPACING AND OTHER VARIABLES. BRACING (AND ATTACHMENT) REQUIREMENTS SHOULD BE DESIGNED FOR EACH SPECIFIC JOB.
- 2) CONNECTION BETWEEN BOTTOM CHORD OF GABLE END TRUSS AND WALL, AS WELL AS THE DESIGN AND SPECIFICATION OF TEMPORARY AND PERMANENT BRACING OF THE ROOF SYSTEM IS THE RESPONSIBILITY OF THE BUILDING DESIGNER.

Symbols

PLATE LOCATION AND ORIENTATION



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



For 4 x 2 orientation, locate plates 0- $\frac{1}{16}$ " from outside edge of truss.



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

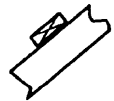
* Plate location details available in MiTek 20/20 software or upon request.

PLATE SIZE

4 x 4

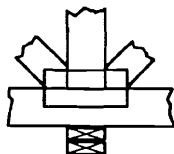
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

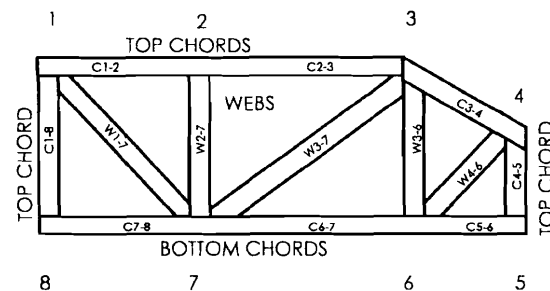
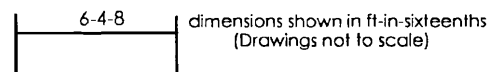


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ER-5243, 9604B, 9730, 95-43, 96-31, 9667A
 NER-487, NER-561
 95110, 84-32, 96-67, ER-3907, 9432A

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MiTek
POWER TO PERFORM.™

MiTek Engineering Reference Sheet: MII-7473



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS11.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T, I, or Eliminator bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.

City of Portland, Maine - Building or Use Permit

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

Permit No: 08-0877	Date Applied For: 07/17/2008	CBL: 407 H008001
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Location of Construction: 47 DAKOTA ST	Owner Name: BRODIE IAN B & MATTHEW A F	Owner Address: 47 DAKOTA ST	Phone:
Business Name:	Contractor Name: property owner	Contractor Address:	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Dwellings	

Proposed Use: Single Family Home - Second floor addition w/ 2nd bath and 4th bedroom	Proposed Project Description: Single Family Home - Second floor addition w/ 2nd bath and 4th bedroom
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Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 08/11/2008

Note:**Ok to Issue:**

- 1) The existing shed shown on the plans shall be permitted after the fact and shall meet the requirements of the current zoning ordinance.
- 2) Separate permits shall be required for future decks, sheds, pools, and/or garages.
- 3) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.
- 4) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 5) This permit is being approved on the basis of revised plans submitted. Any deviations shall require a separate approval before starting that work.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Chris Hanson **Approval Date:** 09/02/2008

Note:**Ok to Issue:**

- 1) Fastener schedule per the IRC 2003
- 2) Hardwired interconnected battery backup smoke detectors shall be installed in all bedrooms, protecting the bedrooms, and on every level.
- 3) The design load spec sheets for any engineered beam(s) / Trusses must be submitted to this office.
- 4) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.
- 5) Frost protection must be installed per the enclosed detail as discussed w/owner/contractor.
- 6) Separate permits are required for any electrical, plumbing, or HVAC systems. Separate plans may need to be submitted for approval as a part of this process.

Comments:

7/17/2008-mes: existing shed shown on site map is not meeting the setbacks - also the proposed new entry way is over 50 (88.7) sq ft and is only 20' from the front property line where 25' is required - will call - The 2nd floor being proposed is meeting the setbacks for the existing house. I called Ian (one of the owners) and explained the difficulty I had - He will get back to me after talking to his architect with new plans

8/11/2008-mes: 7/31/08 I received revised plans while I was on vacation - showing a covered entry way no more than 50 sq ft and 4.6' projecting from the bldg. Using 14-425 for approvals.



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>47 DAKOTA STREET, PORTLAND, ME 04103</u>		
Total Square Footage of Proposed Structure/Area <u>768</u>	Square Footage of Lot <u>12,600</u>	Number of Stories <u>2</u>
Tax Assessor's Chart, Block & Lot Chart# <u>407</u> Block# <u>H</u> Lot# <u>8</u>	Applicant * <u>must be owner, Lessee or Buyer*</u> Name <u>MATTHEW FRAHM</u> Address <u>47 DAKOTA ST</u> City, State & Zip <u>PORTLAND, ME 04103</u>	Telephone: <u>480-272-1352</u> <u>207-239-1511</u>
Lessee/DBA (If Applicable) <u>JUL 17 2008</u>	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>20,000</u> C of O Fee: \$ _____ Total Fee: \$ <u>220</u>
Current legal use (i.e. single family) <u>RESIDENCE</u> Number of Residential Units <u>1</u> If vacant, what was the previous use? <u>0</u> Proposed Specific use: <u>RESIDENCE</u> Is property part of a subdivision? <u>NO</u> If yes, please name _____ Project description: <u>SECOND FLOOR ADDITION, ADDITION OF A SECOND BATH + FOURTH BEDROOM</u>		
Contractor's name: <u>IAN BIRODIE, MATTHEW FRAHM</u> Address: <u>47 DAKOTA STREET</u> City, State & Zip <u>PORTLAND, ME 04103</u> Telephone: <u>207-239-1511</u> Who should we contact when the permit is ready: <u>IAN BIRODIE OR MATT FRAHM</u> Telephone: <u>480-272-1352</u> Mailing address: <u>47 DAKOTA STREET, PORTLAND, ME 04103</u>		

Please submit all of the information outlined on the applicable 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 or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division 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: Matthew Frahm, Ian Brodie Date: 7-17-08

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



407-H-8

This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

Current Owner Information

Card Number 1 of 1
Parcel ID 407 H008001
Location 47 DAKOTA ST
Land Use SINGLE FAMILY

Owner Address BRODIE IAN B & MATTHEW A FRAHM JTS
 47 DAKOTA ST
 PORTLAND ME 04103

Book/Page 24838/277
Legal 407-H-8-9-10
 DAKOTA ST 43-49
 12402 SF

Current Assessed Valuation

Land	Building	Total
\$73,500	\$101,700	\$175,200

Property Information

Year Built	Style	Story Height	Sq. Ft.	Total Acres	Bedrooms	Full Baths	Half Baths	Total Rooms	Attic	Basement
1985	Cape	1	1075	0.285	2	1		5	Full Finsh	Pier/slab

Outbuildings

Type	Quantity	Year Built	Size	Grade	Condition
SHED-FRAME	1	1985	10X12	C	G

Sales Information

Date	Type	Price	Book/Page
02/12/2007	LAND + BLDING	\$190,000	24838-277
12/13/2004	LAND + BLDING	\$135,000	22116-293
05/22/2000	LAND + BLDING	\$116,900	15484-165

Picture and Sketch

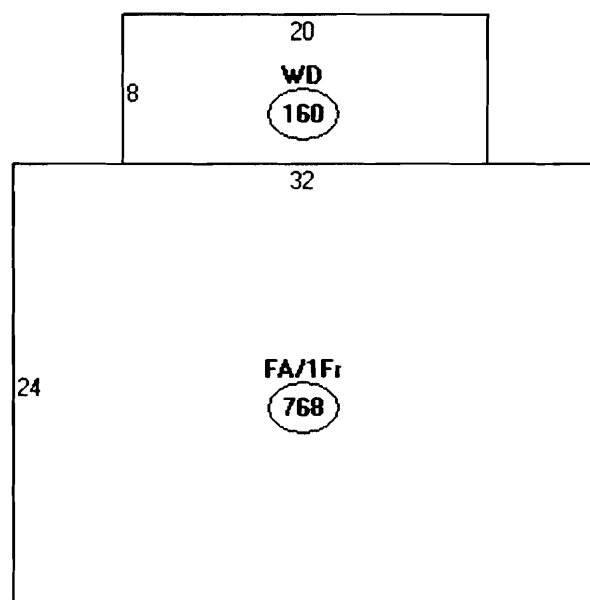
Picture Sketch Tax Map

[Click here to view Tax Roll Information.](#)

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or e-mailed.

New Search!

Good old meeting room



Descriptor/Area

A: FA/1Fr
768 sqft

B: WD
160 sqft

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

Footing/Building Location Inspection: Prior to pouring concrete or setting precast piers

Framing/Rough Plumbing/Electrical: Prior to Any Insulating or drywalling

Final inspection required at completion of work.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

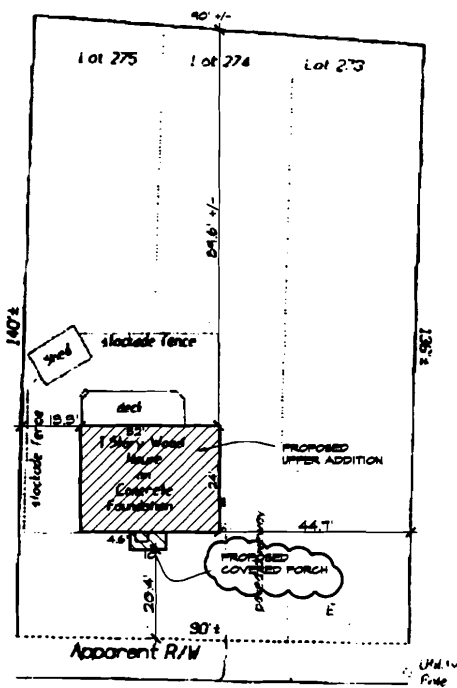
CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.

Tom Bali
Signature of Applicant/Designee

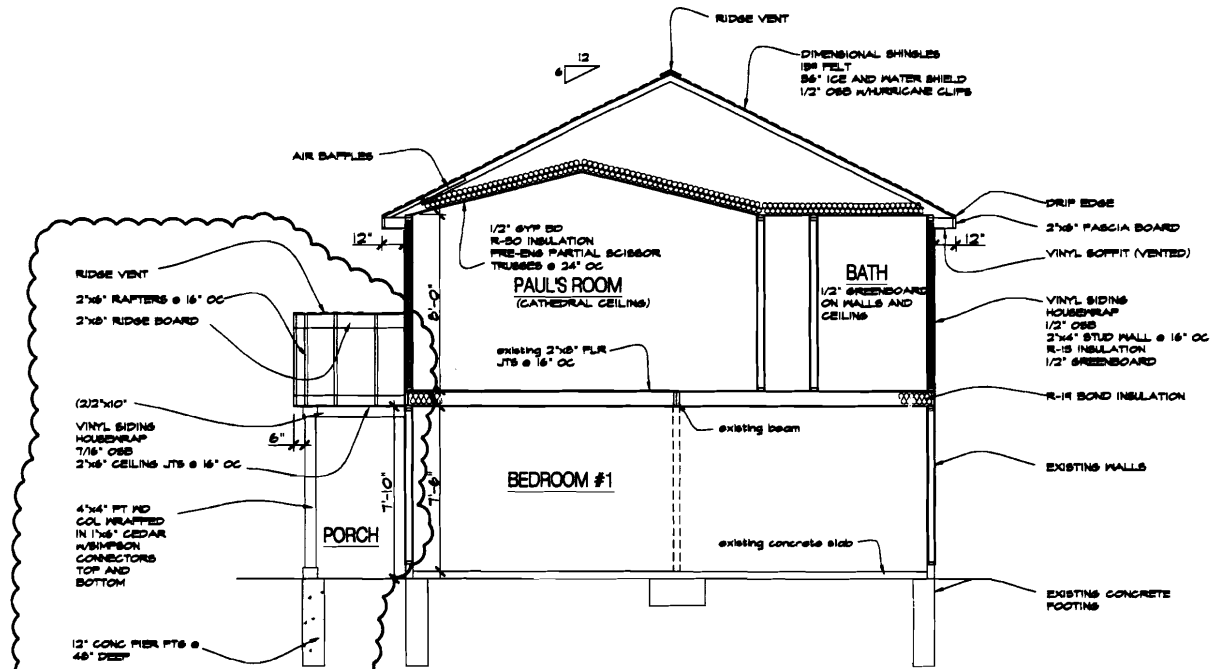
9-2-08
Date

Signature of Inspections Official

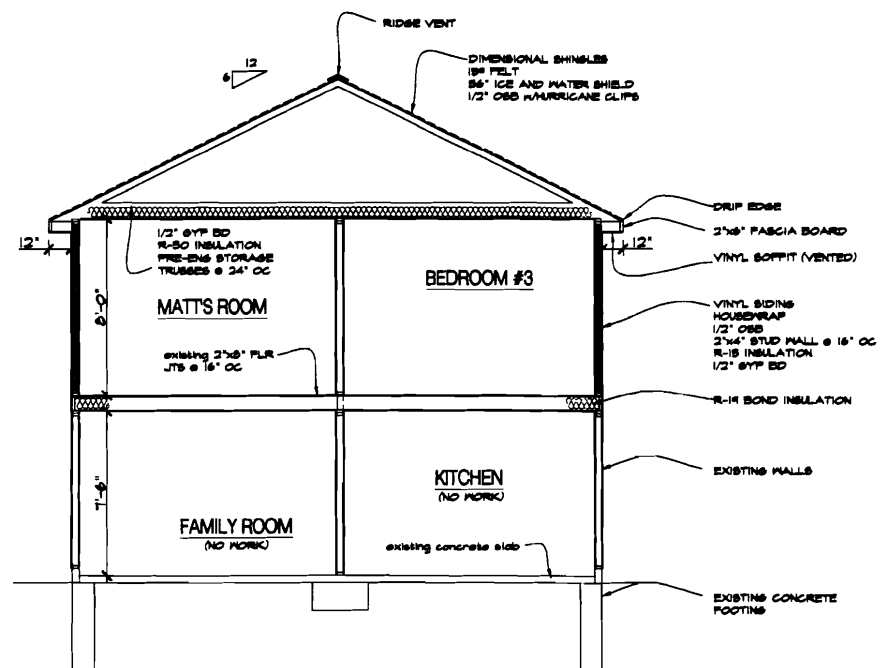
Date



PROPOSED SITE PLAN
SCALE: 1"=20'-0"

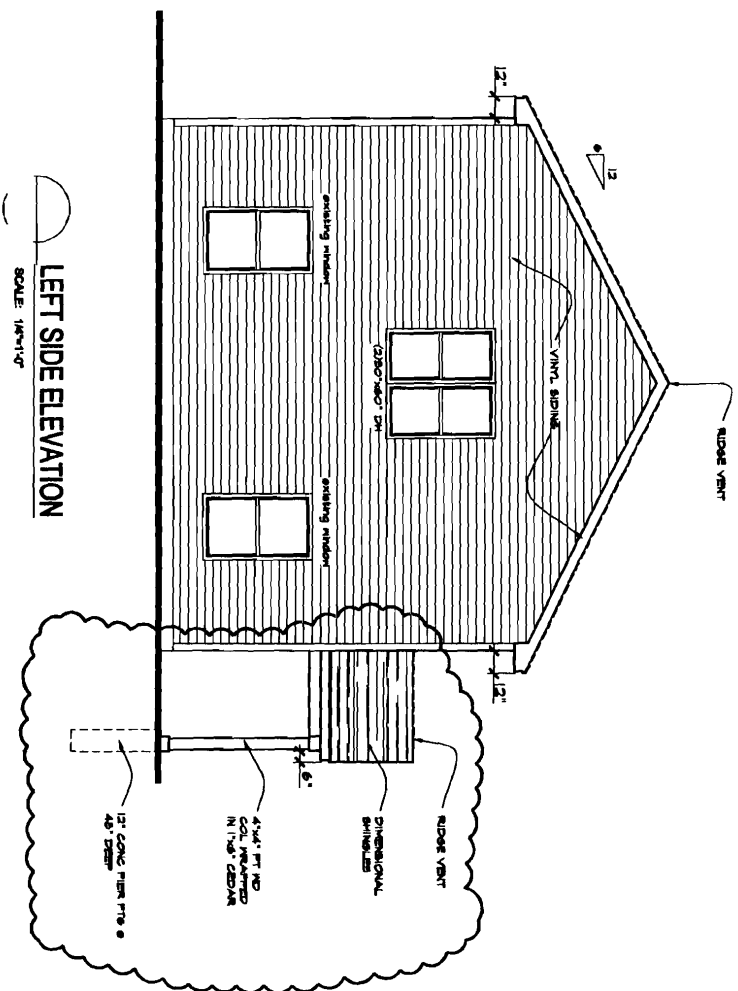


A CROSS SECTION
SCALE: 1/4"=1'-0"

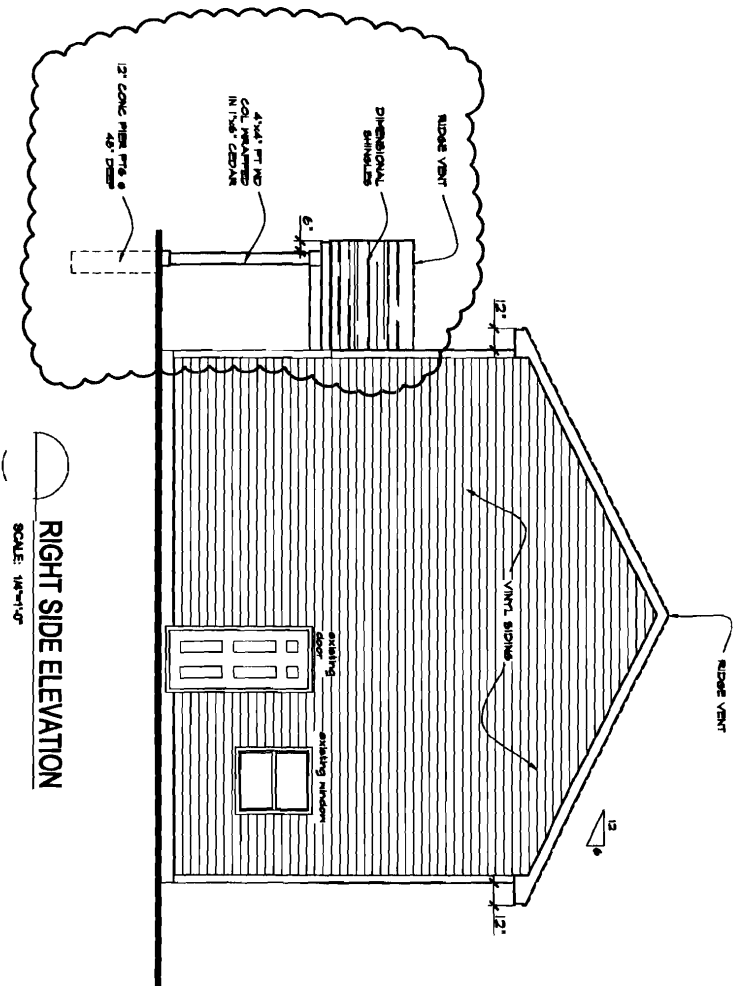


B CROSS SECTION
SCALE: 1/4"=1'-0"

JUL 3 0 2008



LEFT SIDE ELEVATION
SCALE: 1/8"=1'-0"



RIGHT SIDE ELEVATION
SCALE: 1/8"=1'-0"

