

City of Portland, Maine • Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703; Fax: (207) 874-8746

Permit No: 04-0456	PERMIT ISSUED Issue Date: MAY 19 2004	BL: 392 A007001
Location of Construction: 140 Hope Ave (Lot #7)	Owner Name: Shaw Larry R &	Owner Address: 23 Longwoods Rd
Business Name: n/a	Contractor Name: Longwood Assoc.	Contractor Address: Portland
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Single Family
		Zone: R2

Location of Construction: 140 Hope Ave (Lot #7)	Owner Name: Shaw Larry R &	Owner Address: 23 Longwoods Rd	Phone: 207-780-6156
Business Name: n/a	Contractor Name: Longwood Assoc.	Contractor Address: Portland	Phone: 207-780-6156
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Single Family	Zone: R2

Past Use: Vacant	Proposed Use: Build N with 28' x 28' garage.	Permit Fee: \$1,806.00	Cost of Work: \$190,000.00
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FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denie	INSPECTION: Use Group F-3 Type S13 BOLA 1999
Signature: [Signature]	Signature: [Signature]

Proposed Project Description:
Build New 28' x 38' Single Family with 28' x 28' garage.

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: gg	Date Applied For: 0412112004
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Zoning Approval		
<p>Zone or Reviews</p> <p><input type="checkbox"/> Shoreland <i>N/A</i></p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone <i>Panel 2 Zone X</i></p> <p><input type="checkbox"/> Subdivision</p> <p><input checked="" type="checkbox"/> Site Plan #2004-0081 Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input checked="" type="checkbox"/> <i>OK with Condition</i> Date: <i>3/4/20/04</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 type="checkbox"/> Denied</p> <p>Signature: <i>S</i> Date: _____</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>Signature: <i>9</i> Date: _____</p>



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

m # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

BUILDING INSPECTION PERMIT

Permit Number: 040456

is is to certify that Shaw Larry R & /Longwood Assoc.

s permission to Build New 28' x 38' Single Family with 28' x 28' garage.

140 Hope Ave 392 A007001

rovided that the person or persons, firm or corporation accepting this permit shall comply with all the provisions of the Statutes of Maine 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.

pply to Public Works for street line and grade if nature of work requires. For information.

Notification of inspection must be given and when permission is procured before this building or part thereof is occupied or enclosed-in. **48 HOUR NOTICE IS REQUIRED.**

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

OTHER REQUIRED APPROVALS

Dept. _____

th Dept. _____

al Board _____

PERMIT ISSUED

MAY 19 2004

City of Portland

[Signature]

5/19/04

Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

Applicant: Kevin Shaw

Date: 4/28/04

Address: 140 Hope Ave (LT#7)

C-B-L: 392-A-007

CHECK-LIST AGAINST ZONING ORDINANCE

Date - New Development

Zone Location - R-2

Interior or corner lot -

Proposed Use/Work - construct new 28' x 38' single family - breeze way and attached 28' x 28' garage

Sewage Disposal - City - NO exterior decks

Lot Street Frontage - 50' min req - 100' shown - shown

Front Yard - 25' min req - 75' scaled - NO Daylight - present

Rear Yard - 25' min req - 18' scaled - shown

Side Yard - 14' min - 18' & 42' scaled

Projections - 2 story chimney on left side - 2' x 5.5' - 2' x 10' front entry

Width of Lot - 80' min req - 100' scaled

Height - 35' MAX - 25.5' scaled

Lot Area - 10,000 sqm - 33,112 sq shown

Lot Coverage/Impervious Surface - 20% MAX

Area per Family - 10,000 sqm

Off-street Parking - 2 SPACES Required -> 2 CAR GARAGE shown

Loading Bays - N/A

Site Plan - minor/minor # 2004-0081

Shoreland Zoning/Stream Protection - N/A

Flood Plains - Panel 2 - Zone X

City of Portland, Maine - Building or Use Permit

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

Permit No: 04-0456	Date Applied For: 04/21/2004	CBL: 392 A007001
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Location of Construction: 140 Hope Ave	Owner Name: Shaw Larry R &	Owner Address: 23 Longwoods Rd	Phone: 207-780-6156
Business Name: n/a	Contractor Name: Longwood Assoc.	Contractor Address: Portland	Phone: (207) 780-6156
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Single Family	

Build New 28 x 38' Single Family with 28' x 28' garage and breezeway.	Build New 28' x 38' Single Family with 28' x 28' garage and breezeway.
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Dept: Zoning	Status: Approved with Conditions	Reviewer: Marge Schmuckal	Approval Date: 04/28/2004
Note:			Ok to Issue: <input checked="" type="checkbox"/>
<p>1) No certificate of occupancy shall be issued for any house lot in the subdivision until the base pavement has been completed along the entire length of Hope Avenue in Portland as well as Falmouth.</p> <p>2) All driveways shall be paved within six months of the receipt of a temporary certificate of occupancy and shall be a minimum of 12' wide. Individual homeowners shall be responsible for paving of driveway.</p> <p>3) Separate permits shall be required for future decks, sheds, pools, and/or garages. - NO DECKS are shown on the submitted plans therefore NO DECKS are approved with this permit. NO DAYLIGHT BASEMENT is being shown on this plan, therefore NO DAYLIGHT BASEMENT is being approved with this permit.</p> <p>4) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.</p> <p>5) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.</p>			

Dept: Building	Status: Pending	Reviewer:	Approval Date:
Note:			Ok to Issue: <input type="checkbox"/>

Message / 140 Hope Ave.

Permit # 04-0456
392-A-7

Kevin Shaw
786-6156

Soil type/Presumptive Load Value (Table 401.4.1)	Component	Plan Reviewer	Inspection/Date/Findings
STRUCTURAL Footing Dimensions/Depth (Table 403.1.1 & 403.1.1(1), Section 403.1.2)	OK	ABU OK	
Foundation Drainage Dampproofing (Section 406)	OK	George W. Hubert Jed Stewart	
Ventilation (Section 409.1) Crawls Space ONLY	N/A	N/A	
AnchorBolts/Straps (Section 403.1.4)			Shows - 8'oc - code is 6'oc - 5/12/04 - OK
Lally Column Type, Spacing and footing sizes (Table 502.3.4(2)) Built-Up Wood Center Girder Dimension/Type (Table 502.3.4(2))	OK		3-2x12's - OK largest span is 6'-10" Footings 512". 24"x24" - Need 26"x26"
Sill/Band Joist Type & Dimensions First Floor Joist Species Dimensions and Spacing (Table 503.3.1(1) & Table 503.3.2(1))	OK		2x6 - OK Shows - 2x10's 16"oc OK
Second Floor Joist Species Dimensions and Spacing Table(503.3.1(1) & Table 503.3.2(1))			- Garage - TJI's - size ? 400's 9 1/2" BCI'S OK - 14" Span

1

2

3

4

6 Drawing shows Garage in Bsmnt -
 Error - NO daylight +

Attic or additional Floor Joist Species Dimensions and Spacing (Table 802.4.2 or 503.3.1(1) & Table 503.3.2(1))	Tross
Roof Rafter; Pitch, Span, Spacing & Dimension (Table 802.3.2(7))	Trusses } Need Specs
Sheathing; Floor, Wall and roof (Table 503.2.1(1))	OK
Fastener Schedule (Table 602.3(1) & (2))	Not shown
Private Garage Section 309 and Section 407 1999 BOCA)	
Living Space? (Above or beside)	Yes
Fire separation	Not shown where
Fire rating of doors to living space	
Door Sill elevation (407.5 BOCA)	OK shows 1 hour
Egress Windows (Section 310)	
Roof Covering (Chapter 9)	Not noted as egress
Safety Glazing (Section 308)	OK
Attic Access (BOCA 1211.1)	OK
Draft Stopping around chimney	Shows 21"x36" - Min is 22"x30"
	Clearances + draft stopping - Not shown

4

6

7

12

4

12

Need for
All windows + doors
opening in bearing walls (Arch)

Header Schedule	int shown
Type of Heating System	OK
Stairs Number of Stairways	
Interior 2	
Exterior 2	
Treads and Risers - OK - int OK - Exterior - Not shown (Section 314)	
Width 3' - OK	
Headroom OK	
Guardrails and Handrails (Section 315)	Not shown
Smoke Detectors Location and type/Interconnected	Not shown
Plan Reviewer Signature	
See Chimney Summary Checklist	

11) ~~Steel Beam - need stamped by engineer.~~

12) ~~Need all Laminates spec'd out.~~



Subject: 140 HOPE AVE

Date: MAY 10 2004

TAMMY MUNSON

Daily Notes

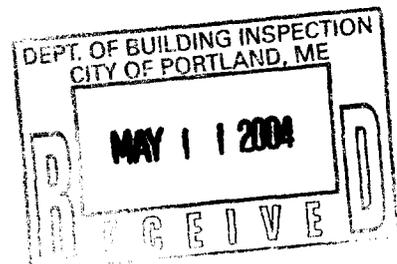
1. Anchor bolts Noted 6' OC
2. Footing Size - 12' X 24" X 24"
3. GARAGE TJI's - W140 9 1/2 X 14 16" OC / 9 1/2 R.M BOARD
4. ROOF TRUSS
5. Cement work checked on plan
6. Fastener Schedule / AND Tish Hayeri / Steel bolted
7. Noted on plan 5/8 Sheet Rock between breezeway AND GARAGE plus ceiling
8. All bedrooms will have AT LEAST 2 egress means of exit this includes AT LEAST ONE WINDOW OR MORE
9. Noted on plan Attic Access to be INCREASED to AT LEAST 22" X 30"
10. CLEARANCE AROUND Chimney MIN 2" ALL THE WAY TO ROOF with FLASHING between FLOORS
11. Headers will be 2X10 in ALL load bearing openings
12. Outside will be granite steps (2 steps total) - 7 3/4" R 10" T
13. Noted on plan handrail to second floor
14. Noted on plan smoke detector in ALL bedrooms, kitchen living room AREA, basement, breezeway
15. Steel W16 X 26 28 long
16. Subfloors will be Advantech 3/4 TG / 1 AM ~~3 1/4 15'~~
 Exterior will be 7/16 OSB 7 X 14 VL
 Roof will be Advantech 5/8 TG OR W8 X 28

Any More Questions please call me

780-6156

Thank you

Kevin Shaw



Job	Truss	Truss Type	Qty	Plly	Shaw
67226	A	CAPE	15	1	Job Reference (optional)
Sprowl Building Components, Searsport, ME 04973, PJM					
6,000 s Mar 8 2004 MITek Industries, Inc. Wed May 12 09:52:44 2004 Page 1					

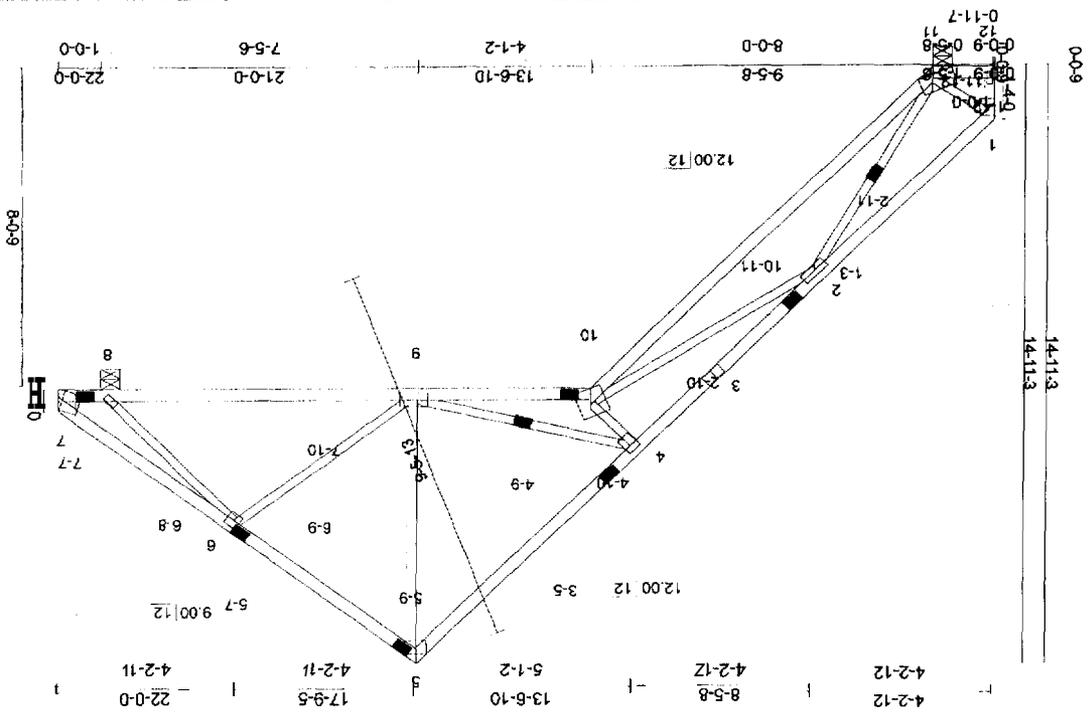


Plate Offsets (X,Y): Edge 0-2-0, [4-0-1-12,0-1-12], [9-0-2-8,0-2-0], [10-0-3-4,0-4-0], [11-0-4-0,Edge]

LOADING(PSF)	SPACING	CSI	DEFL	in (loc)	L/D	L/D
TCLL 45.0	2-0-0	0.72	Vert(L) -0.36	10-11	>653	360
TCDL 7.0	Lumber Increase 1.15	0.83	Vert(R) -0.53	10-11	>443	240
BCLL 0.0	Rep Stress Incr YES	0.95	Horz(TL) 0.57	8	n/a	n/a
BCDL 10.0	Code BOCA/ANSI95	(Matrix)				

LUMBER	TOP CHORD 2 X 4 SPF No.2	1-2	= -160/209	2-3	= -366/1124
BOT CHORD 2 X 4 SPF No.2	1-2	= -3473/1137	4-5	= -1399/333	
WEBS	2 X 3 SPF No.2	5-6	= -1217/366	6-7	= -199/146
OTHERS	4-9 2 X 3 SPF 2100F 1.8E	11-12	= -110/177	10-11	= -1082/1749
WEDGE	2 X 3 SPF No.2	9-10	= -1600/4137	8-9	= -163/934
Right: 2 X 3 SPF No.2		7-8	= -2/107		
BRACING	TOP CHORD	1-11	= -244/224	2-11	= -2622/905
Installation	2-10	= -219/1466	4-10	= -1020/2583	
1 Stabliizer(s) at 9-4-8 (max) oc, Except:	4-9	= -3481/1463	S-9	= -306/970	
15-0-0 oc: 1-2-6-7.	6-9	= -252/178	6-8	= -1321/363	

REACTIONS (lb/size)	1376/0-5-8	11	=	
Max Horiz	1339/0-5-8	8	=	
Max Uplift	388(load case 6)	11	=	
Max Grav	-15(load case 6)	11	=	
1473(load case 2)	-236(load case 6)	8	=	
1339(load case 1)		8	=	

NOTES
 (1) Wind: ASCE 7-98; 90mph; h=20ft; 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.
 (2) Unbalanced snow loads have been considered for this design.
 (3) 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.
 (4) All plates are MT20 plates unless otherwise indicated.
 (5) * 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.
 (6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 115 lb uplift at joint 11 and 236 lb uplift at joint 8.
 (7) For bracing specified, use MITek Stabilizer(TM) Truss Bracing System (or Equivalent), attached per The Stabilizer Truss Bracing System Installation Guide. Cross bracing required at each end and at these spacings: Webs: 12-1-0; TC: Inst. 20-0-0.

FORCES (lb)	TOP CHORD	1-12	= -99/0
Maximum Compression/Maximum Tension			

MITEK INDUSTRIES, INC.
 MAY 1 2 2004
 11:55 AM

Job	Truss	Truss Type	Qty	Ply	Shav
67226	a	COMMON	18	1	
Sprowl Building Components, Searsport, ME 04973, PJM			Job-Reference (optional)		
			6.000 s Mer 8 2004 MiTek Industries, Inc. Wed May 12 09:52:25 2004 Page 1		

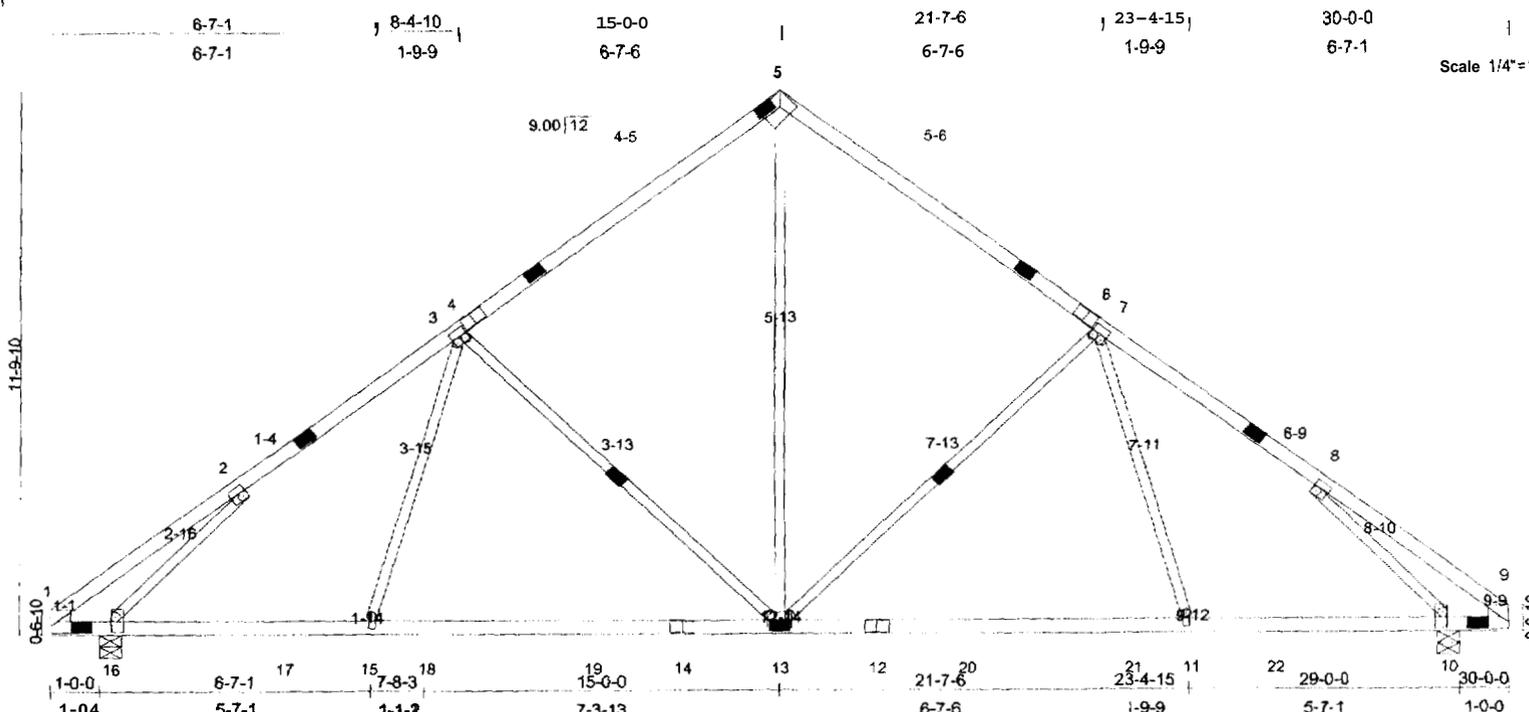


Plate Offsets (X,Y) [2:0-1-4,0-1-12], [8:0-1-4,0-1-12], [10:0-2-12,0-1-0], [16:0-2-12,0-1-0]

LOADING(psf)	SPACING	CSI	DEFL	in (loc)	l/def	L/d	PLATES	GRIP
TCLL 45.0	2-0-0	TC 0.98	Vert(LL) -0.3313-15	>999	360		MT20	1971144
TCDL 7.0	Plates Increase 1.15	BC 0.92	Vert(TL) -0.511315	>654	240			
B C U 0.0 *	Lumber Increase 1.15	WB 0.96	Horz(TL) 0.07	10	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix)					Weight: 118 lb	
	Coda BOCA/ANSI95							

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF 1650F 1.5E *Except*
 12-142 X 4 SPF No.2
WEBS 2 X 3 SPF No.2
WEDGE
 Left 2 X 3 SPF No.2,
 Right: 2 X 3 SPF No.2

BOT CHORD

16-17	= -227/1623	15-17	= -227/1623	LOAD CASE(S) Standard
15-18	= -238/1567	18-19	= -238/1567	
14-19	= -238/1567	13-14	= -238/1567	
12-13	= -99/1567	12-20	= -99/1567	
20-21	= -99/1567	11-21	= -99/1567	
11-22	= -83/1623	10-22	= -031/1623	
9-30	= -1/342			

WEBS

3-15	= -3/238	5-13	= -172/11000
7-11	= -3/238	3-13	= -703/291
7-13	= -703/291	2-16	= -2075/378
8-40	= -2075/379		

BRACING
 TOP CHORD
 Installation
 1 Stabilizer(s) at 9-4-8 (max) oc.
 Permanent
 Sheathed or 2-7-15 oc purlins.
 BOT CHORD
 Installation
 1 Stabilizer(s) at 15-04(max) oc.
 Permanent
 Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS
 1 row(s) of 1 Stabilizer(s) at 1/2 pts.
 3-13, 7-13

REACTIONS (lb/size)

16	=	2066/0-5-8
10	=	2066/0-5-8
Max Horz	=	-343(load case 4)
Max Uplift	=	-248(load case 6)
16	=	-248(load case 7)
10	=	-248(load case 7)

FORCES (lb)
 Maximum Compression/Maximum Tension

TOP CHORD

1-2	= -430/2	2-3	= -2203/243
3-4	= -1688/268	4-5	= -1646/1302
5-6	= -1646/1302	6-7	= -1688/268
7-8	= -2203/243	8-9	= -430/2

BOT CHORD

1-16	= -11342
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NOTES

- 1) Wind: ASCE 7-98; 90mph; h=20ft; 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.
- 2) Unbalanced snow loads have been considered for this design.
- 3) 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.
- 4) * 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 248 lb uplift at joint 16 and 248 lb uplift at joint 10.
- 6) For bracing specified, use MiTek Stabilizer(tm) Truss Bracing System (or Equivalent), attached per The Stabilizer Truss Bracing System Installation Guide. Cross bracing required at each end and at these spacings: Webs: 20-0-0; TC: Inst. 20-0-0; BC: ; Inst. 20-0-0.
- 7) Where diaphragm blocking is required at pitch breaks, Stabilizers may be replaced with wood blocking.



Job	Truss	Truss Type	Qty	(Ply)	Shaw
67226		GABLE	2	1	
Sprowl Building Components, Searsmont, ME 04973, PJM					
Job Reference (optional)					
Wed May 12 09:52:13 2004 Page 1					

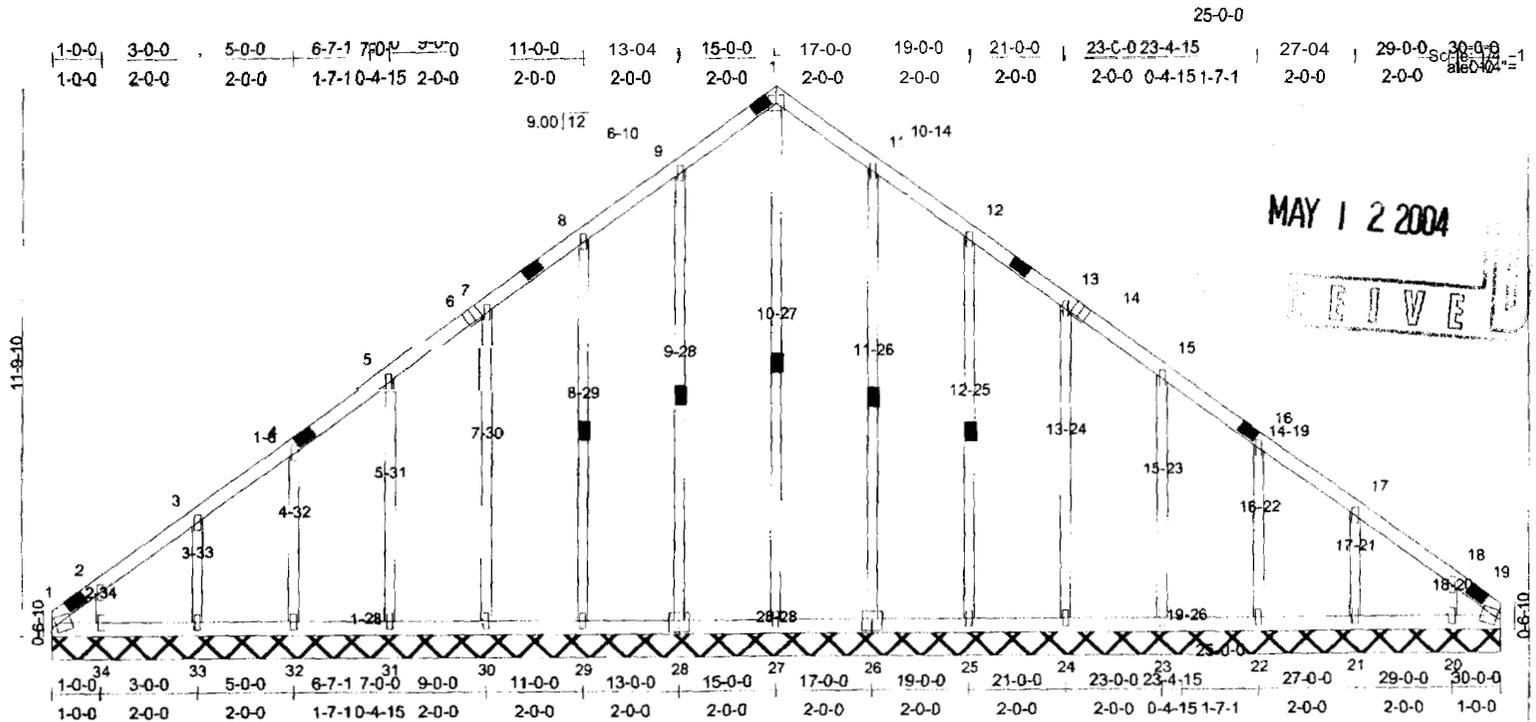


Plate Offsets (X, Y) [1:0-0-0,0-2-0], [19:0-0-0,0-2-0], [26:0-2-8,0-3-0], [28:0-2-8,0-3-0]

LOADING(psf)	SPACING 2-0-0	CSI	DEFL in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 45.0	Plates Increase 1.15	TC 0.13	Vert(LL) n/a	-	999	MT20	1971144
TCDL 7.0	Lumber Increase 1.15	BC 0.06	Vert(TL) n/a	-	999		
BCLL 10.0	Rep Stress Incr YES	WB 0.30	Horz(TL) 0.01	19	n/a		
BCLT 10.0	Code BOCA/ANSI95	(Matrix)				Weight: 146 lb	

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

BRACING
 TOP CHORD
 Installation
 1 Stabilizer(s) at 9-4-8 (max) oc.
 Permanent
 Sheathed or 6-0-0 oc purlins.
 BOT CHORD
 Rigid ceiling directly applied or 9-10-0 oc bracing.
 WEBS
 1 row(s) of 1 Stabilizer(s) at 112 pts.
 10-27, 9-28, 8-29, 11-26, 12-25

REACTIONS (lb/size)

1	71/30-0-0
19	71/30-0-0
27	271/30-0-0
28	323/30-0-0
29	330/30-0-0
30	326/30-0-0
31	334/30-0-0
32	28613044
33	250/30-0-0
34	204130-0-0
26	323/30-0-0
25	330/30-0-0
24	326/30-0-0
23	334/30-0-0
22	286130-0-0
20	250/30-0-0
	204/30-0-0

Max Uplift

30	-86(load case 6)
31	-88(load case 6)
32	-87(load case 6)
33	-91(load case 6)
34	-136(load case 6)
26	-60(load case 7)
25	-97(load case 7)
24	-86(load case 7)
23	-88(load case 7)
22	-87(load case 7)
21	-91(load case 7)
20	-126(load case 7)

Max Grav

1	260(load case 6)
19	212(load case 7)
27	271(load case 1)
28	379(load case 2)
29	375(load case 2)
30	371(load case 2)
31	379(load case 2)
32	331(load case 2)
33	296(load case 2)
26	379(load case 3)
25	375(load case 3)
24	371(load case 3)
23	379(load case 3)
22	331(load case 3)
21	296(load case 3)
20	245(load case 3)

TOP CHORD

12-13	= -115/111	13-14	= -30/69
14-15	= -115/164	15-16	= -115/68
16-17	= -142/174	17-18	= -219/181
18-19	= -312/94		

BOT CHORD

1-34	= -66/238	33-34	= -66/238
32-33	= -66/238	31-32	= -66/238
30-31	= -66/238	29-30	= -66/238
28-29	= -66/238	27-28	= -66/238
26-27	= -66/238	25-26	= -66/238
24-25	= -66/238	23-24	= -66/238
22-23	= -66/238	21-22	= -66/238
20-21	= -66/238	19-20	= -66/238

WEBS

10-27	= -206/10	9-28	= -259/87
6-29	= -254/115	7-30	= -253/106
5-31	= -253/108	4-32	= -251/106
3-33	= -261/112	2-34	= -206/1144
11-26	= -259/80	12-25	= -254/117
13-24	= -253/106	15-23	= -253/108
16-22	= -251/106	17-21	= -261/112
18-20	= -206/1135		

NOTES
 1) Wind: ASCE 7-98; 90mph; h=20ft; TC DL=4.2psf; BCDL=5.0psf; Category II; Exp C; enclosed; MWFR gable end zone; cantilever left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
 2) Truss designed for wind loads in the plane of the trusses only. For studs exposed to wind (normal to face), see Mitak "Standard Gable End Detail"
 3) Unbalanced snow loads have been considered in 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 1.5x4 MT20 unless otherwise indicated.
 6) Gable requires continuous bottom chord bearing

FORCES (lb)

Maximum Compression/Maximum Tension

TOP CHORD

1-2	= -379/211	2-3	= -296/187
3-4	= -244/180	4-5	= -195/174
5-6	= -145/163	6-7	= -136/168
7-8	= -115/171	8-9	= -116/218
9-10	= -116/243	10-11	= -116/229
11-12	= -116/170		

Max Horz

1	= -343(load case 4)
---	---------------------

Max Uplift

1	= -140(load case 4)
19	= -58(load case 5)
28	= -67(load case 6)
29	= -95(load case 6)

L & L STRUCTURAL

ENGINEERING SERVICES, INC.

Six Q Street
South Portland, ME 04106
Phone: (207)767-4830
Fax: (207)799-5432

May 11, 2004

Kevin Shaw
L.R. Shaw & Son
23 Longwoods Road
Cumberland, Maine 04021

Subject: 140 Hope Avenue - Portland, Maine

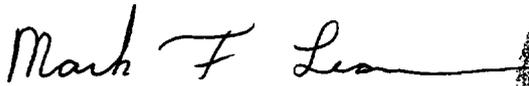
Dear Mr. Greenlaw,

We have completed our review of the required steel beam in the garage floor, as well as, the garage door headers and the main support beam in the second level framing. We understand the main support beam above the living room may support attic framing as well. Our office has proportioned this beam to carry attic loading in accordance with Boca 1999.

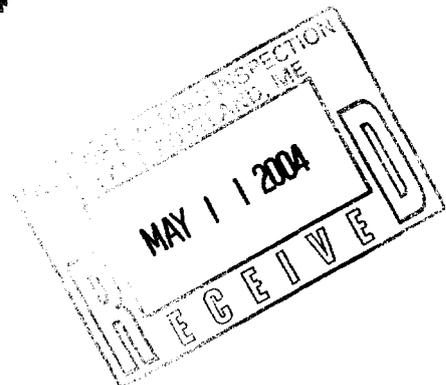
If you have any questions, please do not hesitate to call.

Sincerely,

L&L Structural Engineering Services, Inc.



Mark F. Leasure, P.E.
Principal



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

2004-0081

Application I. D. Number

04/21/2004

Application Date

140 Hope Ave. Lot #7

Project Name/Description

Shaw Larry R &

Applicant

23 Longwoods Rd , Cumberland, ME 04021

Applicant's Mailing Address

Consultant/Agent

Agent Ph:

Agent Fax:

Applicant or Agent Daytime Telephone, Fax

140 - 140 Hope Ave , Portland, Maine

Address of Proposed Site

392 A007001

Assessor's Reference: Chart-Block-Lot

Approval Conditions of DRC

- 1 All damage to sidewalk, curb, street, or public utilities shall be repaired to City of Portland standards prior to issuance of a Certificate of Occupancy.
- 2 Two (2) City of Portland approved species and size trees must be planted on your street frontage prior to issuance of a Certificate of Occupancy.
- 3 Your new street address is now #140 HOPE AVENUE, the number must be displayed on the street frontage of your house prior to issuance of a Certificate of Occupancy.
- 4 A sewer permit is required for you project. Please contact Carol Merritt at 874-8300, ext . 8822. The Wastewater and Drainage section of Public Works must be notified five (5) working days prior to sewer connection to schedule an inspector for your site.
- 5 As-built record information for sewer and stormwater service connections must be submitted to Public Works Engineering Section (55 Portland Street) and approved prior to issuance of a Certificate of Occupancy.
- 6 The Development Review Coordinator reserves the right to require additional lot grading or other drainage improvements as necessary due to field conditions.

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

2004-0081

Application I. D. Number

04/21/2004

Application Date

140 Hope Ave. Lot #7

Project Name/Description

Shaw Larry R &
Applicant

23 Longwoods Rd , Cumberland, ME 04021
Applicant's Mailing Address

Consultant/Agent

Agent Ph: _____ Agent Fax: _____
Applicant or Agent Daytime Telephone, Fax

140 - 140 Hope Ave , Portland, Maine
Address of Proposed Site

392 A007001

Assessor's Reference: Chart-Block-Lot

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

3500 sq. Ft. 33,112 sq. Ft.
Proposed Building square Feet or # of Units Acreage of Site Zoning

Check Review Required:

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Site Plan
(major/minor) | <input type="checkbox"/> Subdivision
of lots _____ | <input type="checkbox"/> PAD Review | <input type="checkbox"/> 14-403 Streets Review |
| <input type="checkbox"/> Flood Hazard | <input type="checkbox"/> Shoreland | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional
Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance | | <input type="checkbox"/> Other _____ |

Fees Paid: Site Plan \$250.00 Subdivision _____ Engineer Review \$50.00 Date 04/21/2004

Approval Status:

Reviewer Jay Reynolds

- Approved Approved w/Conditions
See Attached Denied

Revised site plan attached.

~~Approval Date~~ 05/17/2004 Approval Expiration 05/17/2005 Extension to _____ Additional Sheets Attached

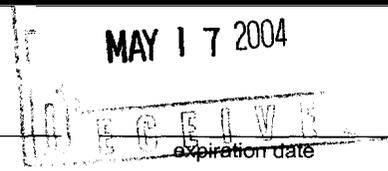
Condition Compliance Jay Reynolds 05/17/2004
signature date



Performance Guarantee Required* Not Required

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

- | | | | |
|---|----------------------|--|-----------------------|
| <input type="checkbox"/> Performance Guarantee Accepted | _____ date | _____ amount | _____ expiration date |
| <input type="checkbox"/> Inspection Fee Paid | _____ date | _____ amount | |
| <input type="checkbox"/> Building Permit Issue | _____ date | | |
| <input type="checkbox"/> Performance Guarantee Reduced | _____ date | _____ remaining balance | _____ signature |
| <input type="checkbox"/> Temporary Certificate of Occupancy | _____ date | <input type="checkbox"/> Conditions (See Attached) | _____ expiration date |
| <input type="checkbox"/> Final Inspection | _____ date | _____ signature | |
| <input type="checkbox"/> Certificate Of Occupancy | _____ date | | |
| <input type="checkbox"/> Performance Guarantee Released | _____ date | _____ signature | |
| <input type="checkbox"/> Defect Guarantee Submitted | _____ submitted date | _____ amount | _____ expiration date |
| <input type="checkbox"/> Defect Guarantee Released | _____ date | _____ signature | |



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

2004-0081

Application I. D. Number

04/2112004

Application Date

140 Hope Ave. Lot #7

Project Name/Description

Shaw Larry R &

Applicant

23 Longwoods Rd , Cumberland, ME 04021

Applicant's Mailing Address

Consultant/Agent

Agent Ph:

Agent Fax:

Applicant or Agent Daytime Telephone, Fax

140 - 140 Hope Ave , Portland, Maine

Address of Proposed Site

392 A007001

Assessor's Reference: Chart-Block-Lot

Approval Conditions of DRC

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Prmt

Text#3

0

Constr Type

New

Num1

40456

Permit Nbr

04-0456

Location of Construction

140

Hope Ave

Appl. Date

04/21/2004

Status

Hold

Permit Type

Single Family

Issue Date

CBL

392 A007001

District Nbr

5

Estimated Cost

\$190,000.00

Date Closed

Comment Date

05/07/2004

Comment

Met w/owner - gave him a copy of plan review sheets for corrections - will submit more info.

Name

Imm

Follow Up Date

Completed

CreatedBy

gg

CreatedDate

04/22/2004

ModBy

Imm

ModDate

05/07/2004

04 0456

All Purpose 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.

<i>H</i>		
Total Square Footage of Proposed Structure 3500	Square footage of Lot 33,112 sf	
Tax Assessor's Chart, Block & Lot Chart# 392 Block# A Lot# 007	Owner: KEVIN SHAW LARRY SHAW	Telephone: 780-6156
Applicant name, address & telephone: KEVIN SHAW PMB 1270 89 Auburn St LARRY SHAW Portland Me 04104 780-6156		Cost Of 190,000 Work: \$ 165,000.00 Fee: \$ 1731.00
Current use: <u>LOT / New Sub Div</u>		<u>75.00</u> <i>Cost</i>
If the location is currently vacant, what was prior use: <u>OPEN</u>		<u>1806.00</u>
<u>in Sub Div</u>		<u>300.00</u>
Proposed use: <u>Single Family Home to be built</u>		<u>28x38 + 28x28 gar.</u>
Project description: <u>2300 3440 SF</u>		<u>+12x22</u>
(SEIF) LONGWOODS ASSC 780-6156		
Who should we contact when the permit is ready: <u>KEVIN SHAW 780-6156</u>		
Mailing address: <u>PMB 1270 89 Auburn St Portland Me 04104</u>		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: <u>780-6156</u>		

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

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 Enforcement Department 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>Kevin Shaw</u>	Date: <u>April 20 2007</u>
--	-----------------------------------

This is NOT a permit, you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall

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

2004-0081 _____
Application I. D. Number

4/21/2004 _____
Application Date

Shaw Larry R & _____
Applicant

23 Longwoods Rd , Cumberland, ME 04021 _____
Applicant's Mailing Address

140 Hope Ave. Lot #7 _____
Project Name/Description

Consultant/Agent

140 - 140 Hope Ave , Portland, Maine _____
Address of Proposed Site

Agent Ph: _____ **Agent Fax:** _____
Applicant or Agent Daytime Telephone, Fax

392 A007001 _____
Assessor's Reference: Chart-Block-Lot

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

3500 sq. Ft. _____ **33,112 sq. Ft.** _____
Proposed Building square Feet or # of Units Acreage of Site Zoning

Check Review Required:

- | | | | |
|--|---|--|--|
| <input checked="" type="checkbox"/> Site Plan
(major/minor) | <input type="checkbox"/> Subdivision
of lots _____ | <input type="checkbox"/> PAD Review | <input type="checkbox"/> 14-403 Streets Review |
| <input type="checkbox"/> Flood Hazard | <input type="checkbox"/> Shoreland | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional
Use (ZBNPB) | <input type="checkbox"/> Zoning Variance | | <input type="checkbox"/> Other _____ |

Fees Paid: Site Pla **\$250.00** Subdivision _____ Engineer Review **\$50.00** Date **4/21/2004**

Insp Approval Status:

Reviewer _____

- Approved** **Approved w/Conditions** **Denied**
See Attached

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 _____ Conditions (See Attached)
date 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

STATUTORY WARRANTY DEED

GOLDENEYE CORP., a Maine corporation with a principal place of business in Westbrook, in the County of Cumberland and State of Maine

For Consideration Paid, GRANT with WARRANTY COVENANTS TO:

LARRY R. SHAW and KEVIN L. SHAW, with a mailing address of 23 Longwoods Road, Cumberland, Maine **04021**, as JOINT TENANTS

A certain lot or parcel of land situated on the northeasterly sideline of Hope Avenue in the City of Portland, County of Cumberland and State of Maine, and being Lot 7 shown on plan entitled "Presumpscot River Place Phase III - Subdivision Plan Portland, Maine" dated December **4, 2001**, as revised, prepared by Titcomb Associates, and recorded at the Cumberland County Registry of Deeds in Plan **Book 202**, Page **650**, together with a right-of-way in common with others over "Hope Avenue" as shown on the plan.

Being a portion of the premises conveyed to the Grantor herein by deed of Robert L. Adam and Lloyd B. Wolf dated October **17,2002** and recorded at the Cumberland County Registry of Deeds in Book **18262**, Page **159**. Reference is further made to a confirmation deed from Lloyd **B. Wolf** to Grantor herein dated November 5,2002 and recorded at said Registry of Deeds in **Book 18336**, Page 57.

EXCEPTING AND RESERVING to the Grantor, its successor and assigns, all right, title and interest in and to the fee interest in "Hope Avenue", so-called, as shown on the plan. The purpose of this reservation is to preserve the Grantor's right in and to such ways pursuant to **23 M.R.S.A. §3031(4)** and **33 M.R.S.A. §460** et seq. together with the right to convey said fee interest to the City of Portland.

This conveyance is subject to and with the benefit of the following:

1. Notes 1 through **19**, restrictions, conditions, easements and covenants **as** may be set forth on said Plan recorded in Plan **Book 202**, Page **650**.
2. Depending on the elevation of the lowest plumbing fixture, a private pump station may be required as more specifically set forth in Paragraph **12** of said Notes.

MAINE REAL ESTATE TAX PAID

3. Rights and easements granted to New England Telephone and Telegraph and Central Maine Power Company in an instrument dated December 29, 1955 and recorded at said Registry of Deeds in Book 2276, Page 277.
4. Such State of Facts as set forth or depicted on plan showing Plan of Property for Robert Adam dated August 1978 and recorded at said Registry of Deeds in Plan Book 125, Pages 45 and 46.
5. A ten (10) foot and thirty (30) foot pedestrian easement as shown on said Plan recorded in Plan Book 202, Page 650.
6. ~~A culvert and drainage easement deed from Goldeneye Corp. to the City of Portland, to be recorded at said Registry of Deeds, relating to said easements as shown on Plan recorded in Plan Book 202, Page 650, and any amendments thereto.~~
7. Terms and conditions of a State of Maine Department of Environmental Protection Site Location of Development Natural Resources Protection Act Water Quality Certification Findings of Fact and Order dated August 23, 2002 and recorded at said Registry of Deeds in Book 18084, Page 64 (incorrectly referred to as 94 in previous deed) together with the requirement that all future conveyances shall include reference to this permit.
8. Terms and conditions of a Declaration of Covenants and Restrictions dated November 5, 2002 and recorded at said Registry of Deeds in Book 18336, Page 59.
9. The owner of Lot 7, being the lot herein conveyed, shall retain either a licensed civil engineer or landscape architect to assist in design of the improvements of this lot. The owner of this lot shall also retain that professional to provide construction phase services including, but not limited to, periodic site inspection for adherence to all required erosion and sedimentation control measures and to address any changes in field conditions which require modification to the design of the lot improvements. The minimum site inspection requirements are set forth in Note 5 on said Plan to which reference is hereby made for a more specific description. The professional (civil engineer or landscape architect) shall provide a written statement to the Portland Planning Authority upon completion of construction of lot improvements affirming that the work is in substantial conformance to the approved plans and that all conditions of approval have been satisfied.

Also hereby conveying together with and subject to all rights, easements, privileges and appurtenances, belonging to the premises hereinabove described.

This conveyance is made SUBJECT to the current real estate taxes to the City of Portland subject to proration at the closing, which the Grantees herein by their acceptance of this deed hereby assume and agree to pay.

IN WITNESS WHEREOF, the said GOLDENEYE CORP. has caused this instrument to be signed in its corporate name and sealed with its corporate seal by LLOYD B. WOLF, its Treasurer thereunto duly authorized this 14th day of November, 2003.

GOLDENEYE CORP.

Leslie A. Raifsnider

By: Lloyd B. Wolf
Its Treasurer

STATE OF MAINE
CUMBERLAND, S.S.

November 14, 2003

Then personally appeared the above-named LLOYD B. WOLF, Treasurer of GOLDENEYE CORP. as aforesaid and acknowledged the foregoing instrument to be his free act and deed in his said capacity and the free act and deed of said corporation.

Before me,

Leslie A. Raifsnider
Attorney at Law/Notary Public

LESLIE A. RAIFSNIDER
Maine Notary Public
My Commission Expires May 9, 2009

Received
Recorded Register of Deeds
Nov 17, 2003 01:16:02P
Cumberland County
John B. D Brien

SEAL

SPACE AND BULK REQUIREMENTS – R – 2 ZONE

MINIMUM LOT SIZE: 10,000 S.F.

MINIMUM FRONTAGE: 50 FT.

MINIMUM SETBACKS:

FRONT YARD 25 FT.

REAR YARD 25 FT

SIDE YARD*

1 STORY 12 FT.

1 1/2 STORY 12 FT.

2 STORY 14 FT.

2 1/2 STORY 16 FT.

MINIMUM LOT WIDTH:
OTHER USES: 80 FT.

* THE WIDTH OF ONE (1) SIDE YARD MAY BE REDUCED ONE (1) FOOT FOR EVERY FOOT THAT THE OTHER SIDE YARD IS CORRESPONDINGLY INCREASED, BUT NO SIDE YARD SHALL BE LESS THAN TWELVE (12) FEET IN WIDTH.

THE SIDE YARDS SHOWN ON THE FOLLOWING FIGURES ARE BASED UPON A (1) ONE STORY STRUCTURE AND MAY BE INCREASED OR DECREASED DEPENDING UPON THE NUMBER OF STORIES.

APR 21 2004

RECEIVED

Design: DER	Date: 7/31/03
Draft: SGB	Job No.: 830
Checked: AMP	Scale: NTS
File Name: 759-sp.dwg	

GP Traffic and Civil Engineering Services
PO Box 1237, 15 Shaker Road
Gray, ME 04039
207-657-6910

Drawing Name: Space & Bulk Requirements
Project: PRESUMPCOT RIVER PLACE

Figure No. 1
