PERMIT ISSUED

City of Portland, Maine - Building or Use Permit Application

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

Permit No:	Issue Date:	CBL:
02-1171	JUN 12 2003	177 I018001

Location of Construction:	Owner Name:	Owner Address:	Phone:
28 Wayne St	Teal Limited Liability Co.	286 Falmouth Road CITY OF PORTLAND	781-3224
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	Teal LLC	286 Falmouth Road Falmouth	2077813224
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	**Zone:**
		Single Family	R-3

Past Use:	Proposed Use:	Permit Fee:	Cost of Work:	CEO District:
Vacant Land	Single Family / Build 28'x32' modular colonial with 22' x 22' Two car attached garage.	$973.00	$125,000.00	

FIRE DEPT: ☐ Approved ☐ Denied — Signature: N/A

INSPECTION: Use Group: R-3 Type: 5B — State of Me. Manufactured Housing Rules — Signature:

Proposed Project Description:
New 28' x 32' Single Family Modular Home with 22' x 22' Two car attached Garage.

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: ☐ Approved ☐ Approved w/Conditions ☐ Denied

Signature: Date:

Permit Taken By:	Date Applied For:
gad	10/11/2002

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building permits do not include plumbing, septic or electrical work.
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..

Zoning Approval

Special Zone or Reviews	Zoning Appeal	Historic Preservation
☐ Shoreland N/A	☐ Variance	☑ Not in District or Landmark
☐ Wetland	☐ Miscellaneous	☐ Does Not Require Review
☐ Flood Zone Panel 13 Zone C	☐ Conditional Use	☐ Requires Review
☐ Subdivision	☐ Interpretation	☐ Approved
☒ Site Plan 2002-0222	☐ Approved	☐ Approved w/Conditions
Maj ☐ Minor ☐ MM ☒	☐ Denied	☐ Denied
Date: 1/17/03	Date:	Date:

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

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 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.

_____ **Pre-construction Meeting**: Must be scheduled with your inspection team upon receipt of this permit. Jay Reynolds, Development Review Coordinator at 874-8632 must also be contacted at this time, before **any** site work begins on any project other than single family additions or alterations.

* Copy of Surveyors Statement

✓ **Footing/Building Location Inspection:** Prior to pouring concrete

N/A **Re-Bar Schedule Inspection:** Prior to pouring concrete

✓ **Foundation Inspection:** Prior to placing ANY backfill

N/A **Framing/Rough Plumbing/Electrical:** Prior to any insulating or drywalling

✓ **Final/Certificate of Occupancy:** Prior to any occupancy of the structure or use. NOTE: There is a $75.00 fee per inspection at this point.

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**

[signature] 6/13/03

Signature of applicant/designee Date

[signature] 6/13/03

Signature of Inspections Official Date

CBL: 177-1-18 Building Permit #: 02-1171

City of Portland, Maine - Building or Use Permit

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

Permit No:	Date Applied For:	CBL:
02-1171	10/11/2002	177 I018001

Location of Construction:	Owner Name:	Owner Address:	Phone:
28 Wayne St	Teal Limited Liability Co.	286 Falmouth Road	( ) 781-3224
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	Teal LLC	286 Falmouth Road Falmouth	(207) 781-3224
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	
		Single Family	

Proposed Use:	Proposed Project Description:
Single Family / Build 28' 32' modular colonial with 22' x 22' Two car attached garage.	New 28' x 32' Single Family Modular Home with 22' x 22' Two car attached Garage.

Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 01/17/2003

Note: 10/17/02 back to Jodine to get separate deeds for these lots 11/22/02 received the deeds - the information on this permit has been confused and intermingled with the adjoining lot being developed
12/23/02 Only one parking space shown per submitted application - the plot plan does not match the construction plans -C. Plans show a 24x24 garage, appl. States 22x22 single car garage. Notified Archie Giobbi. He will bring in revised plans
1/15/03 received revised plans showing 22x22 garage but did not amend the application to say a two car garage. Next day I left a message for A.G. To confirm this change. Will need to redo driveway entry into the garage.
1/17/03 A. G. Amended plans to show 22 x 22 TWO car garage

Ok to Issue: ☑

1) The front setback is being shown at exactly 25 feet (the minimum requirement). It is necessary to call the Code Enforcement officer PRIOR to placing concrete so that the setbacks can be measured. It is the developer/contractor's responsibility to call first before pouring.
2) Separate permits shall be required for future decks, sheds, pools, and/or garages. NO REAR DECKS OR PORCHES ARE BEING SHOWN, THEREFORE NO REAR DECKS OR PORCHES ARE BEING APPROVED.
3) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
4) Your amendment to the original permit now shows a TWO car 22'x 22' garage. The driveway shall be expanded to allow access to both of the provided spaces within the garage.

Dept: Building **Status:** Pending **Reviewer:** **Approval Date:**

Note: **Ok to Issue:** ☐

Comments:

10/21/2002-jodinea: called Archie on 10/18/02 need deed description

11/22/2002-gg: Received deed description. /gg

City of Portland, Maine - Building or Use Permit

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

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4) 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 with Conditions **Reviewer:** Tammy Munson **Approval Date:** 06/11/2003

Note:

Ok to Issue: ☑

1) A statement of third party inspection and a photo of the sticker placed with in the house must be submitted to this office prior to isssuance of a Certificate of Occuapancy.

Comments:

10/21/02-jodinea: called Archie on 10/18/02 need deed description

11/22/02-gg: Received deed description. /gg

1/22/03-jmb: 1/22/03 spoke w/ A.G. To provide a section on the foundation showing depth, damproof, drain, stone & fabric. Discussed ventilation of basement (only one window). Need detail of stairs, guards & rails for any exterior stairs, and for slider in rear. He will submit.

2/3/03-jmb: 2/03/03 A.G. Came in to discuss above requirements to submit. Added presumptive soil load value, spec on either anchor bolts or straps and code for 4% natural ventilation in basement. Also, spec on fire rating in garage. All of this is needed for 22 Wayne St. As well.

Form # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

B[illegible]CTION

PERMIT

Please Read Application And Notes, If Any, Attached

Permit Number: 021171

This is to certify that Teal Limited Liability Co./T[illegible]LLC

has permission to New 28' x 32' Single Family [illegible]dular H[illegible] with [illegible]x 22' Tw[illegible]r attached Garage.

AT 28 Wayne St [illegible] L 177 I018001

provided that the person or persons, [illegible]m or [illegible]epting this permit shall comply with all of the provisions of the Statutes of [illegible]ne and of th[illegible]nces of the City of Portland regulating the construction, maintenance and u[illegible] of buildings and st[illegible]tures, 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.

N[illegible]fication [illegible] inspec[illegible]n must g[illegible] and w[illegible]n permis[illegible]n procu b[illegible]e this [illegible]ding o[illegible]t thereo l[illegible]d or c[illegible]closed-in. H[illegible]R 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. PERMIT ISSUED

Health Dept. _____

Appeal Board JUN 12 2003

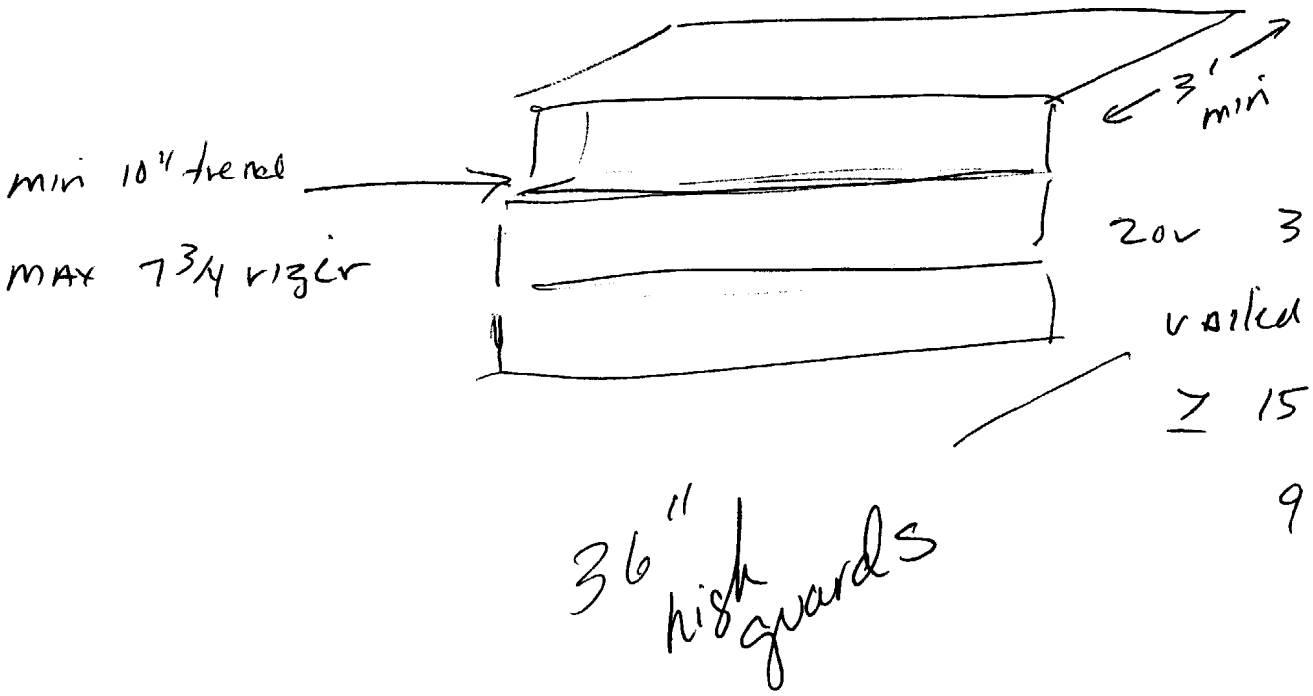
Other _____

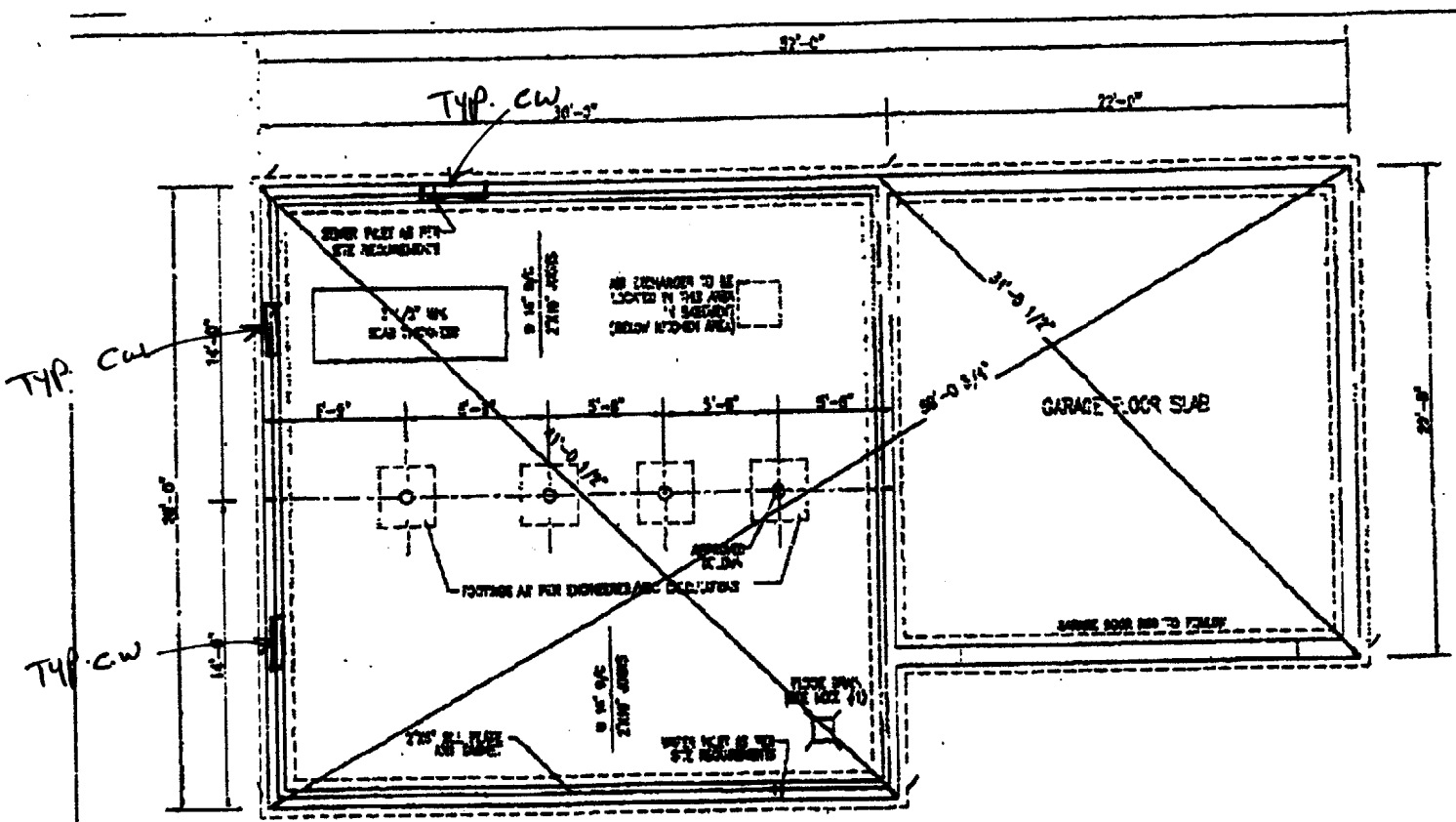
Department Name

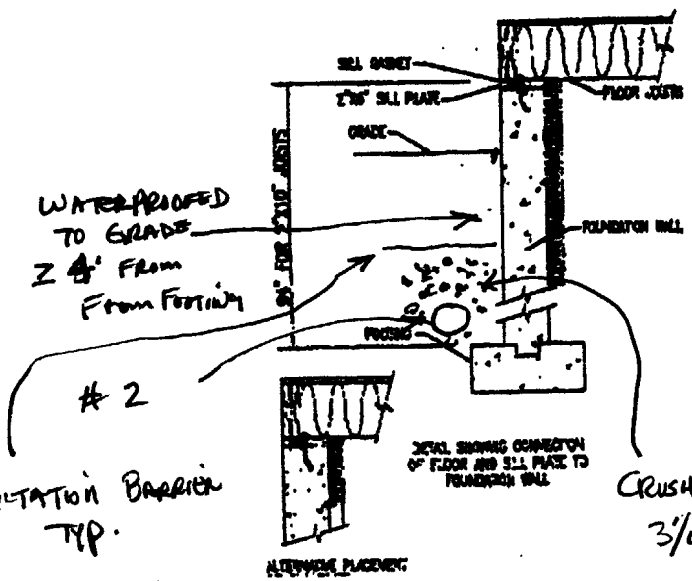
Director - Building & Inspection Services

CITY OF PORTLAND

PENALTY FOR REMOVING THIS CARD


min 10" tread
MAX 7 3/4 riser
3' min
20 or 3 steps as necessary
railed both sides if
≥ 15 1/2" from finished
grade.
36" high guards





NOTES:

1. FLOOR DRAIN (1 REQ'D) IS TO RUN TO A SUITABLE SIZE DRAINAGE SYSTEM.
2. PVC 30MA TILE TO BE PLACED AROUND PERIMETER OF FOOTINGS AND BE CONNECTED TO A SUMP(LE SIZE SUMP/ELL OR EQUIVALENT.
3. THIS PLAN IS INTENDED TO SHOW DIMENSIONS ONLY. IT IS THE BUILDER/CONTRACTOR'S RESPONSIBILITY TO DETERMINE THICKNESS & FOOTING SIZES AS PER THE LATEST ADOPTED VERSION OF THE NBCA BUILDING CODE FOR THE AREA CONSTRUCTION IS TO TAKE PLACE.
4. WHERE MASONRY OR AMBIENT DEPENDED AND ROUGH OPENINGS FOR SAME ARE TO BE PROVIDED BY HOMEOWNER OR CONTRACTOR BEFORE CONSTRUCTION IS BEGUN.
5. OPENING CENTER LINES SHOWN, IF ANY, MATCH THOSE OF DRIVEWAY SYSTEMS.
6. ANCHOR BOLTS TO BE 1/2"Ø AND HAVE MIN. PENETRATION OF 8" IN CONCRETE WALL AND 15" INTO MASONRY WALL AND BE SPACED AT 6'-0" O/C MAX.

1/2" Anchor bolt min 6' o/c

APPROVED
PER CODE
JUN 0 9 2003
APPROVAL LIMITED TO FACTORY BUILT PORTION

MAPLE LEAF HOMES INC FREDERICTON, N.B.	TITLE: FOUNDATION PLAN PLAN # MS4103	
DRN. BY: BS	DATE: JUNE 2 2003	CUSTOMER: TEAL/PI
CHK'D BY:	ORD #: MS4103	SCALE: 1/4" (UNLESS OTHERWISE NOTED)

Permit # 02-1171

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.

Location/Address of Construction: 28 Wayne St		
Total Square Footage of Proposed Structure	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# 177 Block# I Lot# 018	Owner: Tem LLC	Telephone: 232-5343
Lessee/Buyer's Name (If Applicable) New Construction	Applicant name, address & telephone: 28 Fairmount Rd. Fairmount, Me.	Cost Of Work: $ 125 ~~00~~ **Fee: $** 973. ~~00~~

Current use: Land.

If the location is currently vacant, what was prior use: Undev. Land.

Approximately how long has it been vacant: Undeveloped Land.

Proposed use: Single Family Modular Home

Project description:

Contractor's name, address & telephone: Tem LLC.

Who should we contact when the permit is ready: ~~Archie S. Gobb~~ Archie S. Gobb.

Mailing address: 232-5343

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:**

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 APROVE 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 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: Tem LLC **Date:** 1/17/02

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
Building Copy

2002-0222
Application I. D. Number

10/11/2002
Application Date

30 Wayne Street
Project Name/Description

Teal Limited Liability Company
Applicant

286 Falmouth Road, Falmouth, ME 04105
Applicant's Mailing Address

Teal Limited Liability Company
Consultant/Agent

Applicant Ph: (207) 781-3224 **Agent Fax:**
Applicant or Agent Daytime Telephone, Fax

18 - 18 Wayne St, Portland, Maine
Address of Proposed Site

177 I017001
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) **Modular home**

2276	**7870**	
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 ☐ HistoricPreservation ☐ DEP Local Certification

☐ Zoning Conditional Use (ZBA/PB) ☐ Zoning Variance ☐ Other

Fees Paid: Site Pla **$50.00** Subdivision Engineer Review **$250.00** Date **10/15/2002**

Building 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	

0060795 BK17898PG211

QUITCLAIM DEED WITH COVENANT
(Maine Statutory Short Form)

KNOW ALL BY THESE PRESENTS, that I, **John H. Rich, Jr.**, of Cape Elizabeth, County of Cumberland and State of Maine, for consideration paid, GRANT to **Teal Limited Liability Company**, a limited liability company organized and existing under the laws of the State of Maine, the mailing address of which is c/o Robert L. Adam, 286 Falmouth Road, Falmouth, Maine 04105, with QUITCLAIM COVENANT, certain real estate located in Portland, County of Cumberland and State of Maine, which is more particularly described in Exhibit A attached hereto and made a part hereof.

WITNESS my hand and seal this 26th day of July, 2002.

SIGNED, SEALED AND DELIVERED
IN THE PRESENCE OF

June M Spiller
Witness

John H. Rich, Jr.

STATE OF MAINE
County of Cumberland, SS.

July 26, 2002

Then personally appeared the above-named John H. Rich, Jr. and acknowledged the foregoing instrument to be his free act and deed.

Before me,

June M Spiller
Notary Public/~~Maine Attorney at Law~~
Printed Name:

JUNE M. SPILLER
Notary Public, Maine
My Commission Expires April 2, 2009

MAINE REAL ESTATE TAX PAID

Exhibit A to Quitclaim Deed With Covenant
From John H. Rich, Jr. to Teal Limited Liability Company

Two (2) certain lots or parcels of land situated in Portland, County of Cumberland and State of Maine, being Lots 13 and 15 on a Plan of Lots made by James Johnson, and recorded at the Cumberland County Registry of Deeds in Plan Book 4, Page 14. Lots 13 and 15 containing 30 square rods each, and bounded Northwesterly by Lot No. 11, Northeasterly by land formerly of Fogg, Easterly by land now or formerly of Bradley and Southwesterly by said "B" Street.

Reference is made to an abstract of Will of John H. Rich recorded on September 29, 1948 in Book 1890, Page 404 at the Cumberland County Registry of Deeds.

Date Received at PFS JUN – 3 2003

ADDITIONAL OR MODIFIED ACCEPTANCE (MODULARS/PANELIZED)

This form is to be used only when the manufacturer is seeking acceptance of an additional model, modified model or model name change which uses a previously accepted building system.

Current PFS Building System Acceptance # 01-626
Model Name/ No. MS4103 – TEAL #1 (2 STOREY)
Manufacturer's Name MAPLE LEAF HOMES INC.
Plant(s) at which model will be produced FREDERICTON, N.B.
Check One: [X] NEW MODEL [ ] MODIFICATION*
Previously Approved by FAX: [ ] Yes [X] No Date Approved

TECHNICAL DATA (Submit 2 copies of this form and all data)

	Conforms Y	Conforms N
Floor Plan Showing:		
Building Size (LXW Dimensions)	☑	☐
Room Sizes Light & Ventilation Schedule	☑	☐
Exit Requirements	☑	☐
Electrical Outlet Spacing & Smoke Detector	☑	☐
Location of Labels & Data Plates	☑	☐
Use Group, Type Const., Total Sq.Ft. Area	☑	☐
Handicap Requirements (HUD Cat. III or other)	N/A	☐
Heat Loss Calculations or Reference No TYPICAL	☑	☐
Furnace Size/Model No ON-SITE	N/A	☐
Electrical Load Calculations or Reference No TYPICAL	☑	☐

Submit model to the following states: PORTLAND, MAINE
*Description of Modification

Submitted by Teresa Crackshank Date June 03, 2003

For PFS Use
Reviewed and Approved by Date JUN – 9 2003
Remarks NONE
MODEL WAS DEVIATED [X]

THIS FORM SHALL BE FILLED OUT COMPLETELY WITH EACH MODEL ACCEPTANCE OR MODIFICATION PRIOR TO SUBMITTAL TO PFS.

cc: Manufacturer
For PFS File

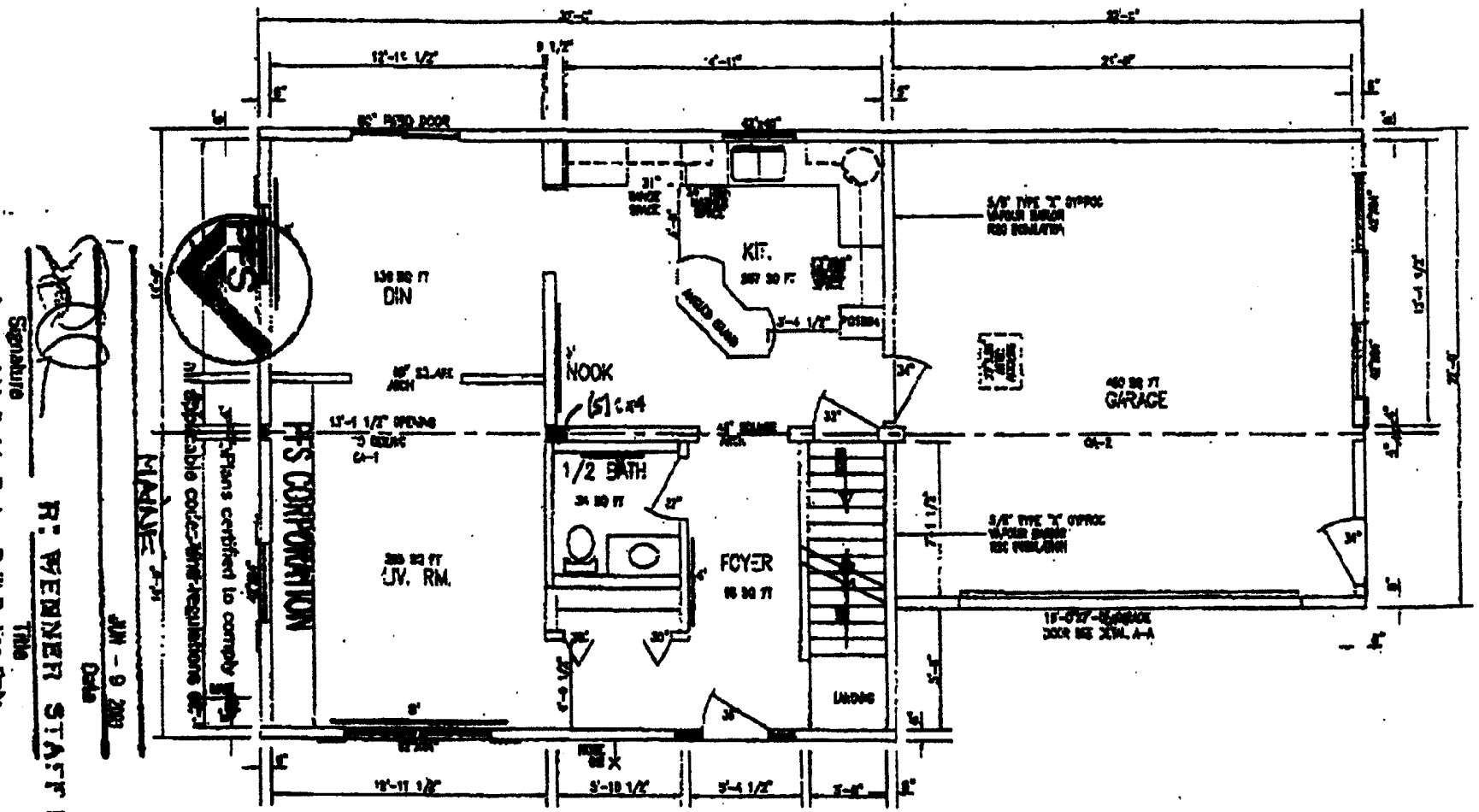
22 WAYNE ST. TEAL LLC

IE

THIS UNIT TO BE BUILT TO 1993 BOCA BUILDING AND ALL MBNCB CODES, 1994 NFPA-101 LIFE SAFETY CODE, 1997 NFPA-31 MECHANICAL CODE AND 1998 NEC CODES.
-GROUP R3 CONSTRUCTION
-CONSTRUCTION TYPE 5B
MEETS 1993 MODEL ENERGY CODE WITH R12 BASEMENT BATT INSULATION, & LOW-E ARGON FILLED WINDOWS
ARCHWAYS UP TO 48" TO HAVE 6"x1 3/4" LV. BEAM ACP mAC.

4. LABEL, DATA PLATE AND PFS LABELS ARE TO BE PLACED UNDER THE SINK ON THE SIDE OF THE CABINET.
5. EGRESS WINDOW OPENINGS ARE 25 1/8" WIDE x 35 1/2" AND PROVIDE 5.37 SQ. FT. CLEAR.
6. ALL CHASES TO BE FIRE STOPPED AT CEILINGS AND FLOOR.

7. FOR THE STATE OF MAINE, FOR BASEMENT HEIGHTS FROM 7'-3" TO 8'-0" BASEMENT STAIRS ARE A COMPONENT OF THIS DESIGN WITH A MAXIMUM RISER HEIGHT OF 8 1/4", A MINIMUM TREAD DEPTH OF 9" AND A 1" NOSING WILL BE PROVIDED ON ALL TREADS WITH TREAD WIDTH LESS THAN 10"



WINDOW SCHEDULE

ROOM SIZE (SQ. FT.)	LIGHT SIZE (SQ. FT.)	VENT. SIZE (SQ. FT.)	EGRESS OPENING (SQ. FT.)	TYPE

DOOR SCHEDULE

SIZE	TYPE	MATERIAL

MAPLE LEAF HOMES INC
FREDERICTON, N.B.

TITLE: MAIN FLOOR PLAN
PLAN # MS4103

DRN. BY:	DATE:	CUSTOMER:
SC	JUNE 2 2003	TEAM 1
CHK'D BY:	DWG #:	SCALE: N.T.S.
TD	MS4103	SHEET 1 OF 7

NOTES:

1. THIS UNIT TO BE BUILT TO 1993 BOCA BUILDING AND PLUMBING CODES, 1994 NFPA-101 LIFE SAFETY CODE, 1997 NFPA-31 MECHANICAL CODE AND 1996 NEC CODES.
   -GROUP R3 CONSTRUCTION
   -CONSTRUCTION TYPE 5B
2. MEETS 1993 MODEL ENERGY CODE WITH R12 BASEMENT WALL INSULATION, & LOW-E ARGON FILLED WINDOWS
3. ARCHWAYS UP TO 48" TO HAVE 5"x1 3/4" LVL BEAM EACH HALF.
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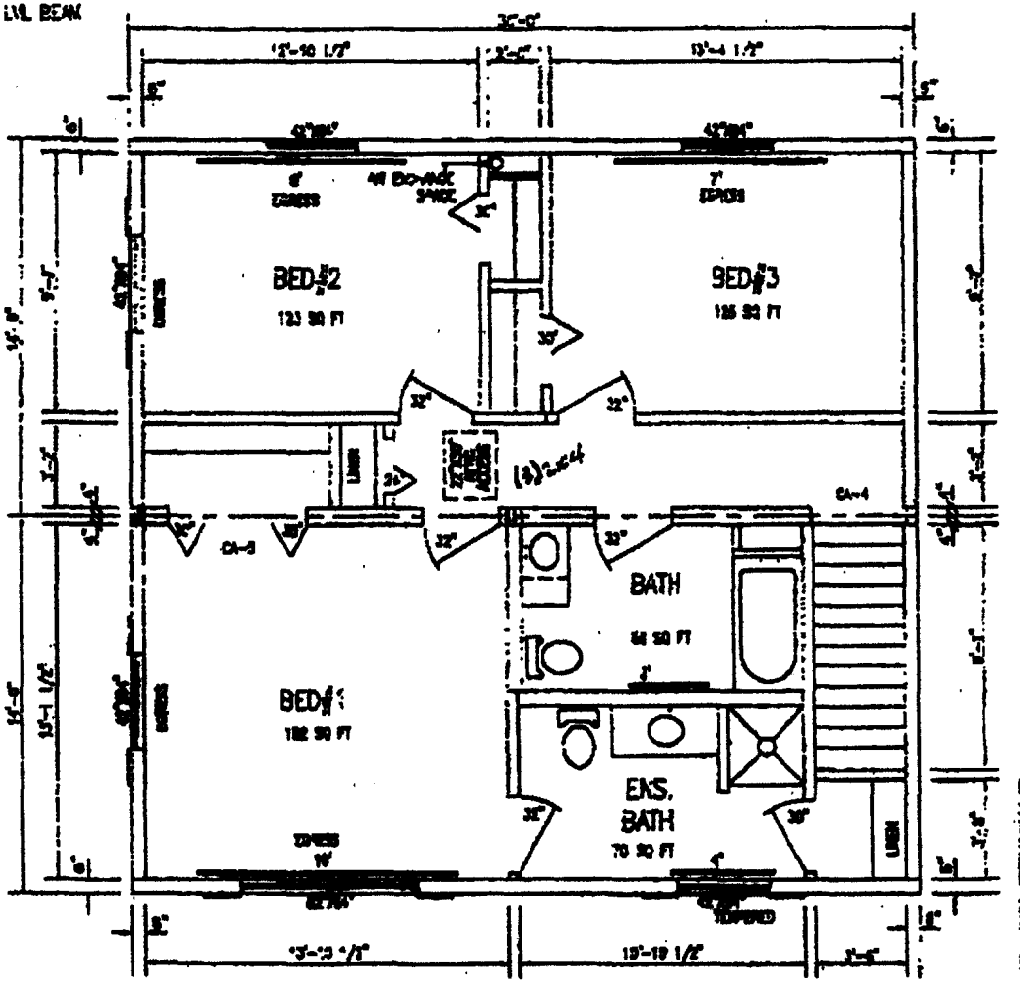


APPROVED
PFS CORP
JUN 0 9 2003
APPROVAL LIMITED TO FACTORY BUILT PORTION

WINDOW SCHEDULE

WINDOW SIZE (SQ. FT.)	LIGHT SIZE (SQ. FT.)	VENT. SIZE (SQ. FT.)	EGRESS OPENING (SIZE, SQFT, S)	TYPE
4'-0"x4'-0"	8.67	11.33	YES	SH
5'-0"x5'-0"	20.56	11.33	YES	SH

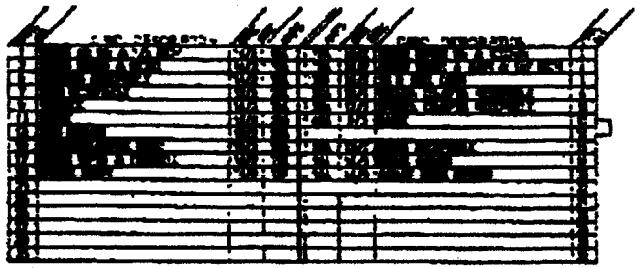
DOOR SCHEDULE

SIZE	TYPE	MATERIAL
2'-6"x6'-8"	SINGLE	HOLLOW CORE
2'-8"x6'-8"	SINGLE	HOLLOW CORE
5'-0"x6'-8"	BIFOLD	HOLLOW CORE
6'-0"x6'-8"	SLIDING	MIRROR

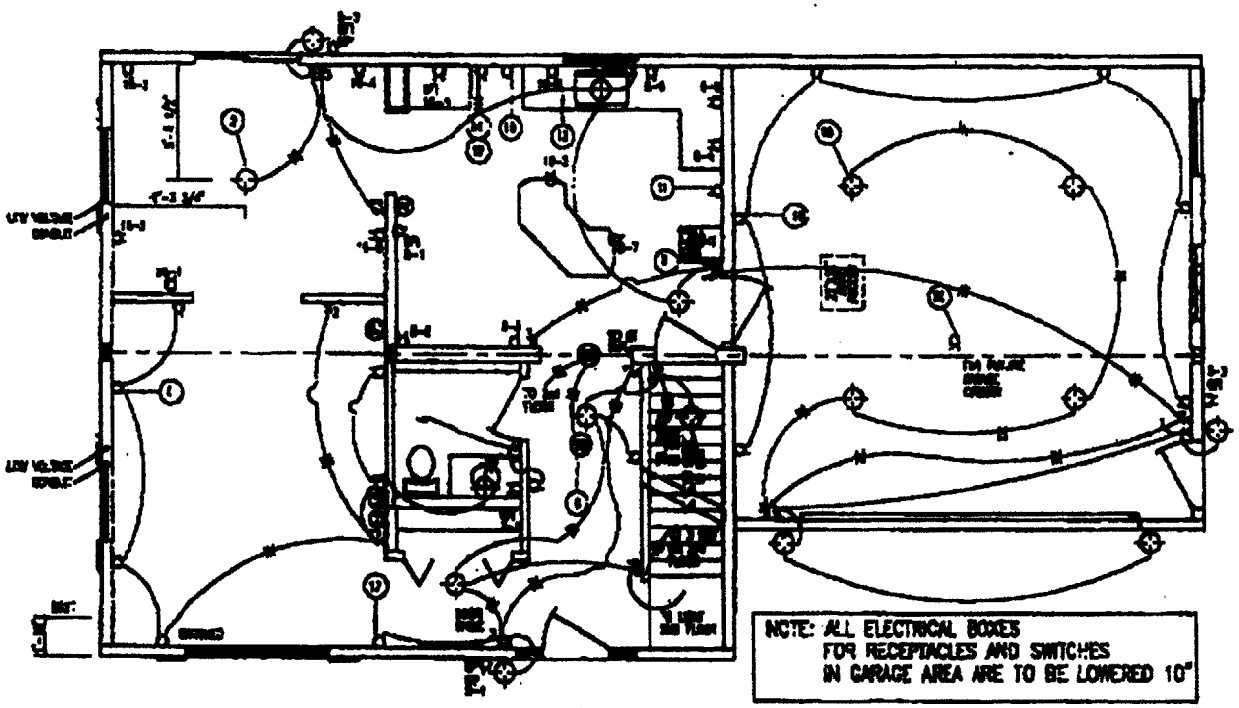
MAPLE LEAF HOMES INC
FREDERICTON, N.B.

TITLE: SECOND FLOOR PLAN
PLAN # MS4103

DRN. BY:	DATE:	CUSTOMER:
JC	JUNE 2 2003	TEAM #1
CHK'D BY: TC	JOB # MS4103	SCALE: N.T.S. SHEET 2 OF 7



"C"S AND CJ'S TO BE WIRED BACK TO PANEL



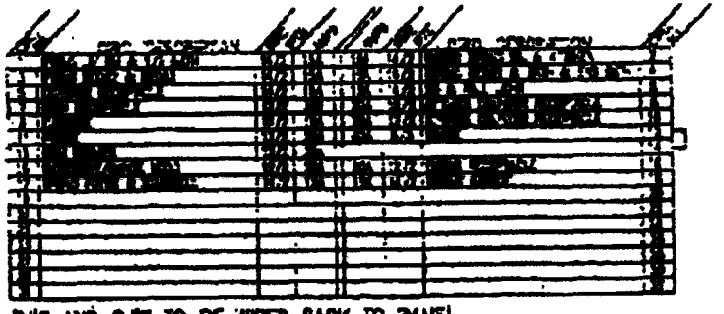
NOTE: ALL ELECTRICAL BOXES FOR RECEPTACLES AND SWITCHES IN GARAGE AREA ARE TO BE LOWERED 10"

APPROVED
PFS. CORP
JUN 0 9 2003
APPROVAL LIMITED TO
FACTORY BUILT PORTION

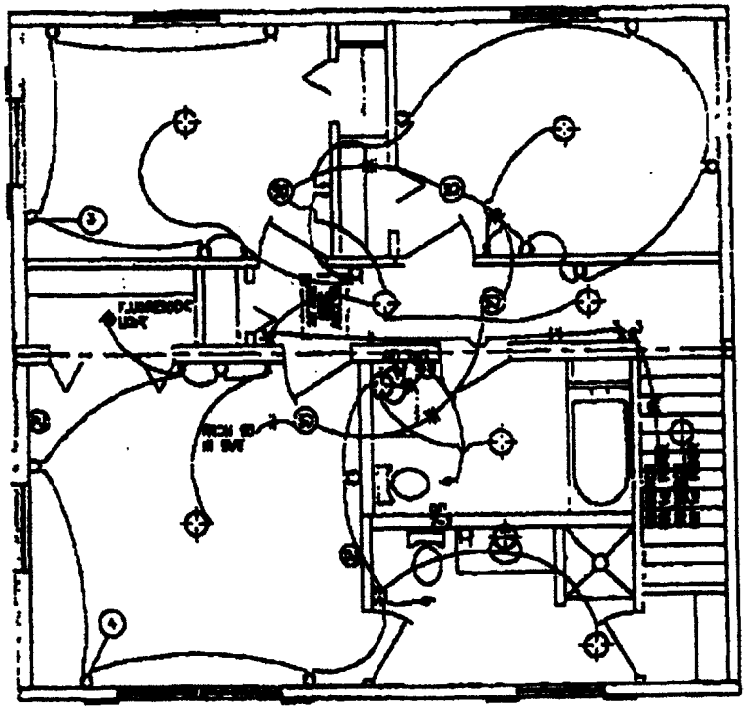
MAPLE LEAF HOMES INC
FREDERICTON, N.B.

TITLE: MAIN FLOOR ELECTRICAL PLAN
PLAN # MS4103

DRN. BY: SC
DATE: JUNE 6 2003
CUSTOMER: STOCK
CHKD BY: TC
DWG #: MS4103
SCALE: N.T.S.
SHEET 3 OF 7



PJ'S AND CJ'S TO BE WIRED BACK TO PANEL



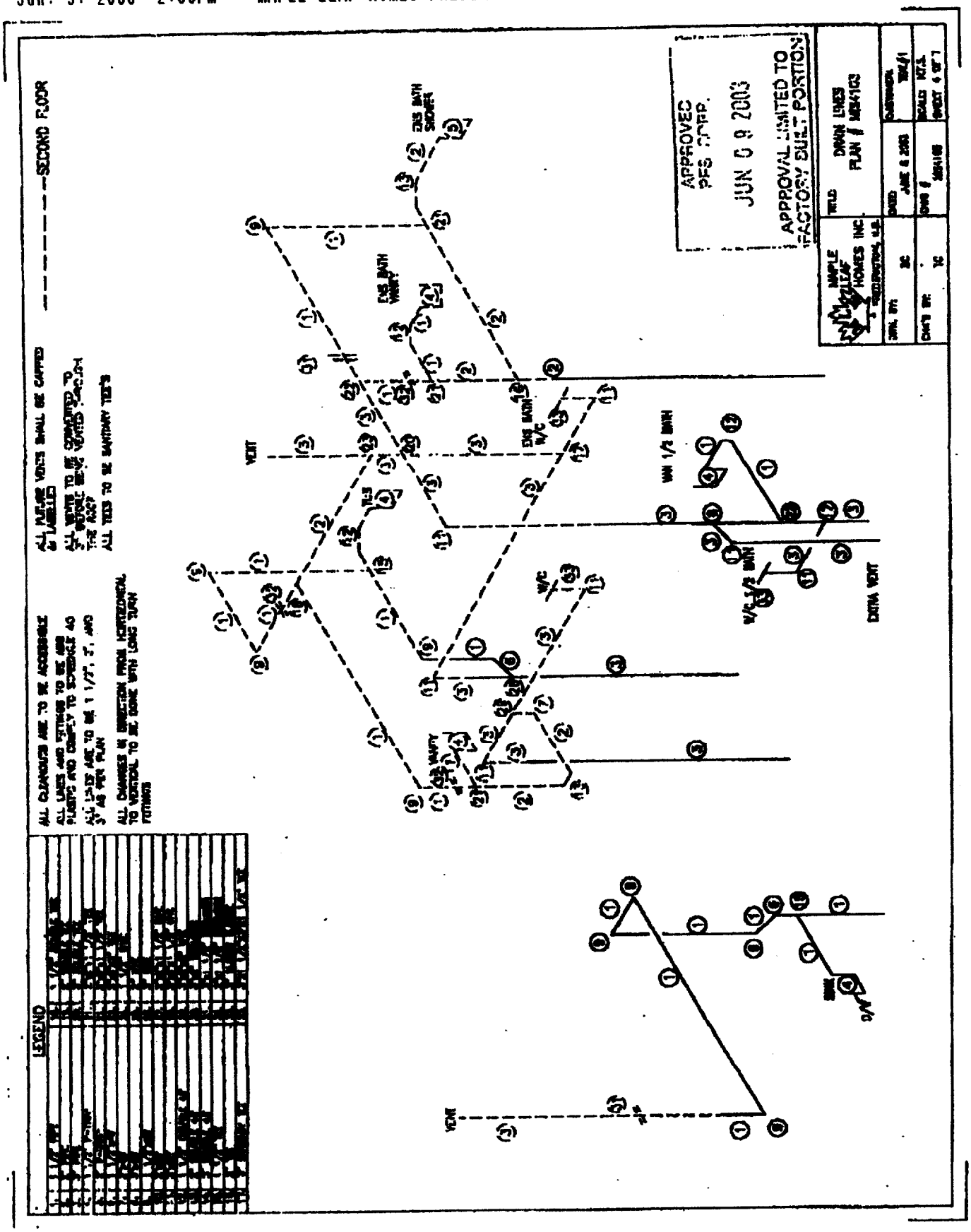
	RECEPTACLE
S	SWITCH
	LIGHT FIXTURE
	SWITCH AND RECEPTACLE
	SMOKE DETECTOR
	FAN/LIGHT
	CABLE JACK
	CENTRAL VAC OUTLET
	THERMOSTAT
	DOORBELL

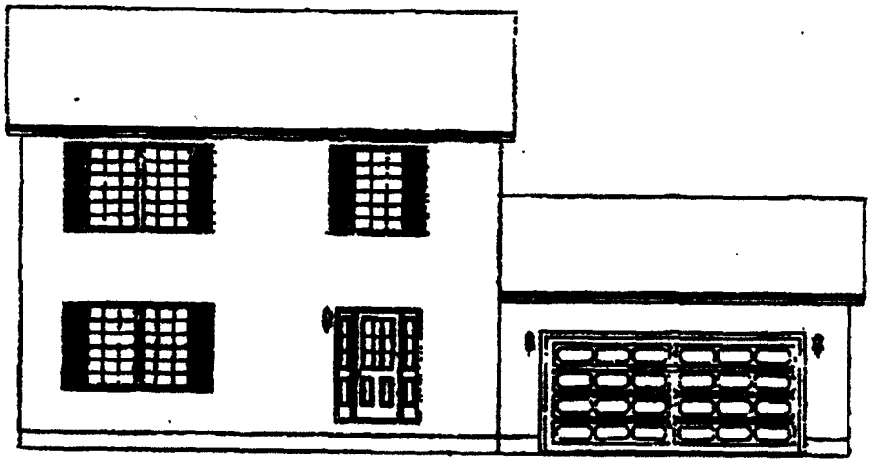
APPROVED
CORP.

JUN 0 9 2003

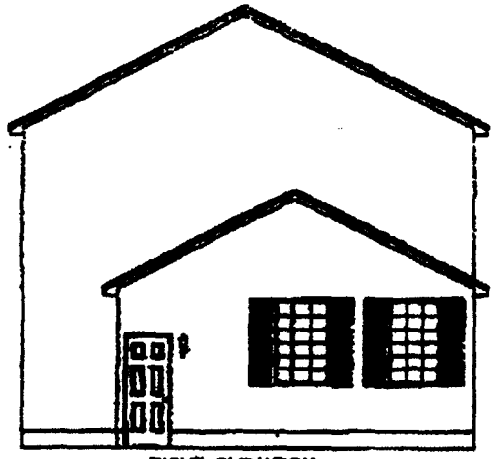
APPROVAL LIMITED TO
FACTORY BUILT PORTION

MAPLE LEAF HOMES INC. FREDERICTON, N.B.	TITLE: SECOND FLOOR ELECTRICAL PLAN # MS4103	
DRN. BY: SC	DATE: JUNE 2 2003	CUSTOMER: WALM
CHK'D BY:	JOB #: MS4103	SCALE: N.T.S.

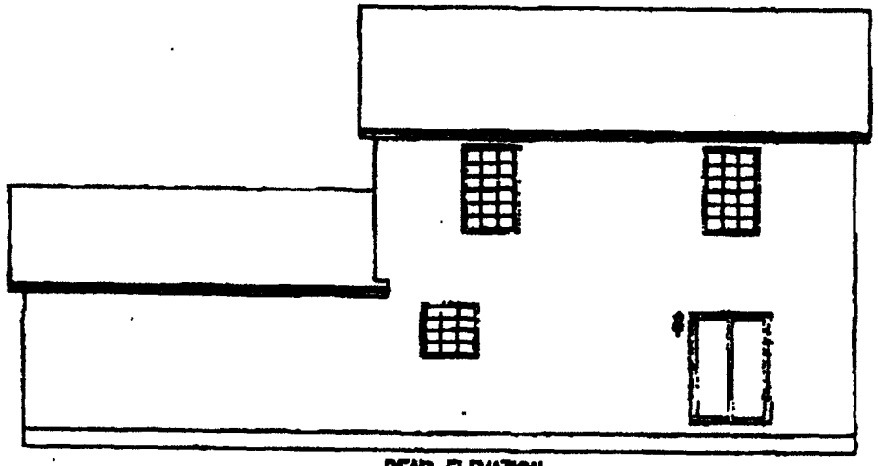

APPROVED
JUN 0 9 2003
APPROVAL LIMITED TO
FACTORY BUILT PORTION
MAPLE LEAF HOMES INC.
DRAWN LINES
PLAN # MB4103
DATE
JUNE 6 2003
SCALE N.T.S.
SHEET 4 OF 7
SECOND FLOOR
LEGEND
DNE BATH SHOWER
DNE BATH VANITY
DNE BATH W/C
WH 1/2 BATH
DRYER VENT
VENT



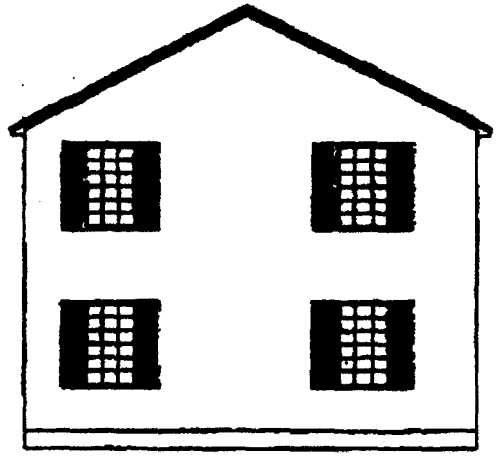
FRONT ELEVATION



RIGHT ELEVATION



REAR ELEVATION



LEFT ELEVATION

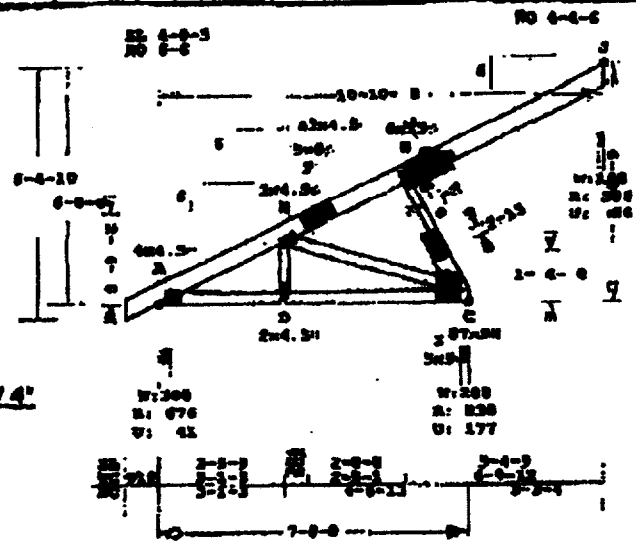
APPROVED
PFS CORP.
JUN 0 9 2003
APPROVAL LIMITED TO
FACTORY BUILT PORTION

MAPLE LEAF HOMES INC. FREDERICTON, N.B.	TITLE: ELEVATIONS PLAN # MS4103	
DRWL BY: SC	DATE: JUNE 2 2003	CUSTOMER: TEXT.#1
CHK'D BY: TC	DWG #: MS4103	SCALE: N.T.S. SHEET 7 OF 7

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
ml7690	H2-B12	12	HINGED	70800	6	9-12	0	

9594

POWER756
ORDER#7690



MAINE

8'-0" STD. MONO C/W 4" POCKET C/W PEAK @ 11'-0"

SEAL PLATES ARE MK-2020, S = PLATE SELECTED IN PLATE MONITOR

Scale: 0.250" = 1'

Approx. truss weight: 67.2 lbs

Cmline Plus -- Version 12.0.089
RUN DATE: 5-15-03

	CSI	SIZE	LUMBER	1.15PB
TOP	.35	2X 6	SPF-S2	1310
BTM	.30	2X 4	SPF-S2	1310
WEB	.32	2X 3	SPF-S2	1510
EXCEPTIONS:				
E-C		2X 4	SPF-S2	1310
I-C		2X 6	SPF-S2	1310

REPETITIVE MEMBER INCREASES:
TB 15.0% BE .0% BC .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	DEAD	(PSF)
TOP CHD	69.3	5.0	
BTM CHD	.0	8.0	
TOTAL	69.3	18.0	85.3

SUPPORT CRITERIA

JT	BEARG WIDTH LBS	IN-BK	JT	BEARG WIDTH LBS	IN-BK
A	676	3- 8	C	838	2- 8
J	206	1- 8			

	LEFT	RIGHT
HEEL	GIN - 48%	

MEMBER	CSI	F(LBS)	MOIST	MCHD
TOP CHORDS				
A-K	.17	978	C	0 -686
K-F	.06	345	C	686 0
F-E	.35	241	C	0 -4046
J	.33	50	C	-1039 0
BOTTOM CHORDS				
A-D	.50	983	T	0 -372
D-C	.50	883	T	372 845

MEMBER	CSI	F(LBS)	MOIST	MCHD
WEBS				
E-C	.32	640	C	0 1112
I-C	.19	674	C	0 -1957
D-E = 94 I E-I = 683 C				

DL+LL DEFL = .05" IN E-J
LL DEFL = .02" < RHS-SPAN/360
SPAN/DEFL (DL+LL) = 999

GRIP VALUE BASED ON GROSS AREA
METHOD FOR SPRUCE-PINE-FIR.
PLATES ARE MANUFACTURED BY
JAGER INDUSTRIES INC.
ANSI/TPI 1-1995.
PLATES - 20 GAUGE SK-20
GRIPPING 353-244 PLI PER PAIR
INCLUDES 15.0% INCREASE
TENSION 1025- 712 PLI PER PAIR
SHEAR 909- 483 PLI PER PAIR

JT	TYPE	PLATE SIZE	X	Y
A	2001	4.00 X 4.50	4.8	3.3
C	4093R	7.00 X 9.00	3.5	3.5
D	1001	2.00 X 4.50	CTR	CTR
E	1050	3.00 X 4.50	CTR	CTR
F	1191	5.00 X 6.00	3.0	3.4
H	1191	6.00 X10.00	5.5	4.0
I	1191	5.00 X 9.00	4.5	1.2
J				

H = PLATE TO BOARD BY 90 DEG
| SELECTED VIA PLATE MONITOR

APPROVED
JUN 0 9 2003
APPROVAL LIMITED TO FACTORY BUILT PORTION

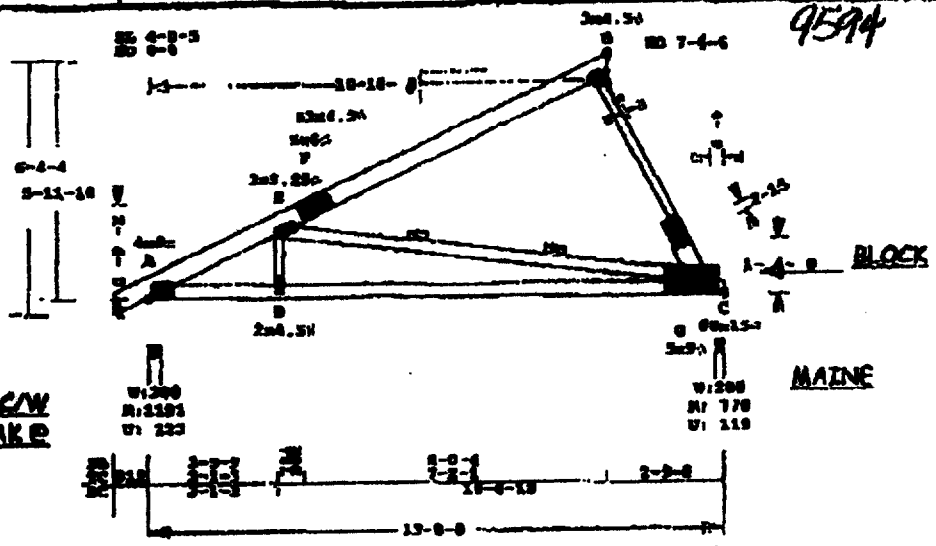
REVIEWED BY:
JAGER BUILDING SYSTEMS INC.
BOLTON ONTARIO.

NOTES:
1. ANALYSIS CONFORMS TO BOCA (NBCI/TPI 1-1995).
2. WIND LOADS - ANSI/ASCE 7-98 TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM
WIND SPEED - 90 MPH
MEAN ROOF HEIGHT - 25'
EXPOSURE CATEGORY - C
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
3. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 251 LBS.
4. FASTEN TRUSS TO BRG C FOR 177 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
5. FASTEN TRUSS TO BRG J FOR 86 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
6. MAX RIGHT OVERHANG= 37 IN. PROVIDE SUPPORT OR LEVEL RETURN.

Job	Mark	Qtty	Type	Span	Pl-Ht	Left OH	Right OH	Engineering
m17690	H1-A12	12	STRICKLED	190800	6	9-12	0	

PO#83756
ORDER#7629

9594



14'-0" STD. MONO C/W
4" POCKET C/W PEAK @
11'

ALL PLATES ARE MII-20(0, E = PLATE SELECTED IN PLATE MONITOR

Scale: 0.247" = 1'

APPROX. TRUSS WEIGHT: 93.1 LBS

Online Plus -- Version 12.0.009
RUN DATE: 3-25-03

	CSI	SIZE	LUMBER	1.15Pm
TOP	.73	2X 6	SPF-1651	1906
BTM	.91	2X 4	SPF-#2	1910
WEB	.81	2X 3	SPF-#2	1910

EXCEPTIONS:
E-C 2X 4 SPF-2100 2400
G-C 2X 6 SPF-#2 1910
REPETITIVE MEMBER INCREASE:
FB 15.0% FT .0% FC .0%

LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - 110 IN. OC
TWO BRACES - E-C
TRUSS SPACING - 24.0 IN.

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

LOADING	LIVE	DEAD (PSF)	
TOP CHD	69.3	8.0	
BTM CHD	.0	8.0	
TOTAL	69.3	16.0	85.3

SUPPORT CRITERIA

AT	TYPE	HORZ LBS	VERT LBS	WIDTH IN-BR
A	PIN	0	1121	3- 0
C	HORZ REA	0	778	2- 8

	LEFT	RIGHT
HEEL	SYP - 4SR	

MEMBER	CSI	F(LBS)	MOIST	MOIND
TOP CHORDS				
A-B	.28	2231 C	0	-4386
-F	.27	475 C	4386	0
-H	.73	206 C	0	0
BOTTOM CHORDS				
A-D	.93	2043 T	0	-1732
D-G	.91	2043 T	1732	512

MEMBER	CSI	F(LBS)	MOIST	MOIND
WEBS				
E-C	.82	1078 C	0	2967
G-C	.40	460 C	0	-3488
D-E =		174 T	B-G =	498 C

DL+LL DEFL = .50" IN D-C
LL DEFL = .10" < SPAN-SPAN/360
SPAN/DEFL (DL+LL) = 326

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

AT	TYPE	PLATE	SIZE	X	Y
A	2001	4.00	X 6.00	5.5	3.3
B	1594	3.00	X 4.50	2.2	1.2
C	4593	8.00	X15.00	8.0	3.5
D	1901	2.00	X 4.50	CTR	CTR
E	1880	3.00	X 5.25	3.4	1.5
F	1191	5.00	X 6.00	3.0	3.4
G	1191	5.00	X 9.00	4.5	1.2

! SELECTED VIA PLATE MONITOR
REVIEWED BY:
JAGER BUILDING SYSTEMS INC.
BOLTON ONTARIO.

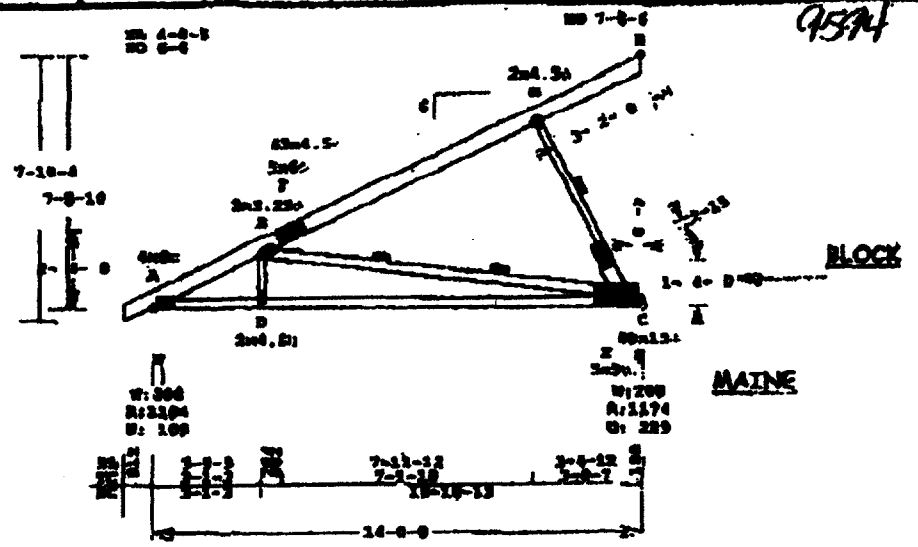
NOTES:
1. ANALYSIS CONFORMS TO BOCA (NBCI/IPI 1-1998).
2. WIND LOADS - ANSI/ASCE 7-98
TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM
WIND SPEED - 90 MPH
MEAN ROOF HEIGHT - 25'
EXPOSURE CATEGORY - C
OCCUPANCY FACTOR - 1.00
ENCLOSED BUILDING.
TC DEAD LOAD = 5.0 PSF
BC DEAD LOAD = 5.0 PSF
3. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 250 LBS.
4. FASTEN TRUSS TO BRG A FOR 123 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
5. FASTEN TRUSS TO BRG C FOR 119 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.

APPROVED
DES CODE
JUN 0 9 2003
APPROVAL LIMITED TO
FACTORY BUILT PORTION

Job	Mark	Qnan	Type	Span	P1-H1	Left OH	Right OH	Engineering
m17690	H-A5-B5	10	HINCHLND	140000	6	9-12	0	

PO#83736
ORDER#7690

9574



14'-0" STD. MONO

* SELECTED VIA PLATE MONITOR

APPROX. TRUSS WEIGHT: 104.1 LBS

Gang-Nail Plus -- Version 12.0.009
RUN DATE: 5-25-03

	CSI	SIZE	LUMBER	1.15FB
TOP	.32	2X 6	SPF-1651	1900
BTM	.61	2X 4	SPF-2100	2400
WEB	.95	2X 3	SPF-S2	1510

EXCEPTIONS:

E-C	2X 4	SPF-2100	2400
E-C	2X 6	SPF-S2	1310

REPETITIVE MEMBER INCREASES:
FB 15.0% FT .0% FC .0%

LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - 120 IN. OC
ONE BRACE - G-E
TWO BRACES - E-C
TRUSS SPACING - 24.0 IN.

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

LOADING	LIVE	DEAD	(PSF)
TOP CHD	69.3	8.0	
BTM CHD	.0	8.0	
TOTAL	69.3	16.0	85.3

SUPPORT CRITERIA

JT	TYPE	HORZ LOC	VERT LOC	WIDTH IN-EX
A	PIN	0	1194	3- 8
C	HORZ REA	0	1174	2- 0

MEMBER	CSI	F(LBS)	MSIST	MSZND
A-D	.61	2184 T	0	-2408
D-C	.60	2184 T	2400	2070
		WEBS		
E-C	.95	1759 C	0	3692
E-C	.82	952 C	0	-3782
D-E	= 211 T	G-E	= 1003 C	

SL+LL DEFL = .56" IN D-C
LL DEFL = .09" < 480-SPAN/360
SPAN/DEPTH (DEAD) = 300

GRIP VALUE BASED ON GROSS AREA
METHOD FOR SPECIE-SIZE-FIB.
PLATES ARE MANUFACTURED BY
GANG-NAIL SYSTEMS INC.
NDSI/TPI 1-1995.
PLATES - 20 GAUGE HS-20
GRIPPING 353-244 PSI PER FAIR
INCLUDES 15.0% INCREASE
TENSION 1026- 712 PLI PER FAIR
SHEAR 989- 463 PLI PER FAIR

JT	TYPE	PLATE SIZE	X	Y
A	2001	4.00 X 6.00	5.5	3.2
B				
C	4593	8.00 X15.00	8.5	3.5
D	1001	2.00 X 4.50	CTR	CTR
E	1080	3.00 X 5.25	3.7	1.5
F	1181	5.00 X 6.00	3.0	3.4
G	1001	2.00 X 4.50	CTR	CTR
H	1191	5.00 X 9.00	4.5	1.2

REVISED BY:
JOHLIN BUILDING SYSTEMS INC.
DOLTON ONTARIO.

NOTES:
1. ANALYSIS CONFORMS TO NBCA (NBC2/TPI 1-1995).
2. WIND LOADS - ANSI/ASCE 7-98
   TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM
   WIND SPEED - 90 MPH
   MEAN ROOF HEIGHT - 25'
   EXPOSURE CATEGORY - C
   OCCUPANCY FACTOR - 1.00
   ENCLOSED BUILDING.
   TC DEAD LOAD = 8.0 PSF
   BC DEAD LOAD = 8.0 PSF
3. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 314 LBS.
4. FASTEN TRUSS TO WALL A FOR 109 LBS OF UPLIFT, WILL PERMITTING NO UPWARD MOVEMENT OF WALL OR ROOF.
5. FASTEN TRUSS TO WALL C FOR 219 LBS OF UPLIFT, WILL PERMITTING NO UPWARD MOVEMENT OF WALL OR ROOF.

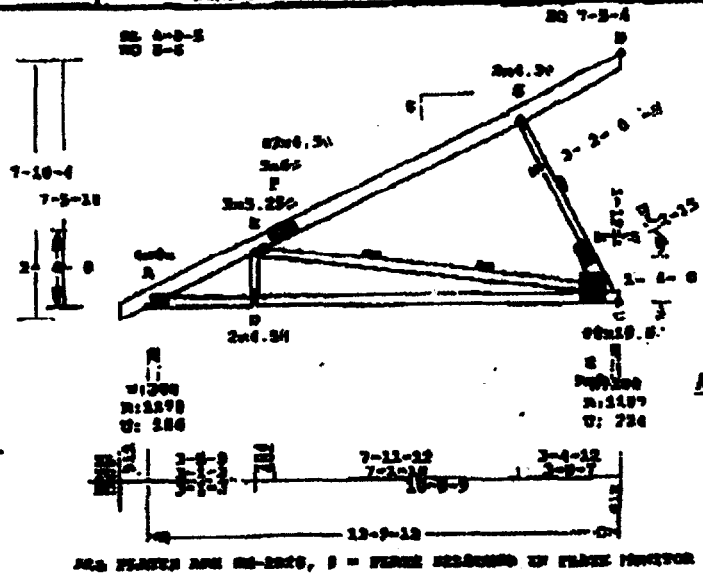
REEL	LEFT VER - 4EX	RIGHT

MEMBER	CSI	F(LBS)	MSIST	MSZND
TOP CHORDS				
E	.24	7390 C	0	-3611
F-E	.23	713 C	3611	0
F-G	.82	446 C	0	-8563
G-H	.32	106 C	8563	0
BOTTOM CHORDS				

APPROVED
PER CODE
JUN 0 9 2003
APPROVAL LIMITED TO FACTORY BUILT PORTION

Job	Mark	Qnan	Type	Span	P1-M1	Left OH	Right OH	Engineering
ml7690	HP-A11-B11	22	NIGELED	130912	6	9-12	0	

PO#83756
ORDER#7690



14'-0" STD. MONO C/W
2-1/4"
POCKET

Scale: 0.200" = 1"

APPROX. TRUSS WEIGHT: 103.7 LBS

Gang-Nail Plus -- Version 12.0.009
RUN DATE: 5-25-03

	CSI	SIZE	LUMBER	1.15TB
TOP	.52	2X 6	SPF-1651	1900
BTM	.95	2X 4	SPF-S2	1510
WEB	.79	2X 3	SPF-S2	1510

EXCEPTIONS:

E-C	2X 4	SPF-2100	2400
H-C	2X 6	SPF-S2	1310

REPETITIVE MEMBER INCREASED:
WB 15.0% WT .0% PC .0%

LATERAL BRACING:
TOP CHORD - CONTINUOUS
BTM CHORD - 107 IN. OC
CHK BRACE - G-H
TWO BRACES - E-C
TRUSS SPACING - 24.0 IN.

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

LOADING	LIVE	DEAD (PSF)	
TOP CHD	60.3	8.0	
BTM CHD	.0	8.0	
TOTAL	60.3	16.0	85.3

SUPPORT CRITERIA

JT	TYPE	REQ'D LBS	VERT REACT	HORIZ
A	PIN	0	1178	1- 8
C	ROLLER	0	1187	2- 9

	LEFT	RIGHT
HEEL	9IN - 48K	

MEMBER	CSI	F(LBS)	M@1.89	M@2ND
TOP CHORDS				
E	.84	2328 C	0	-3611
F	.23	713 C	3611	0
F-G	.38	446 C	0	-8562
G-H	.58	106 C	8562	0
BOTTOM CHORDS				
A-D	.87	2121 T	0	-1837
D-C	.95	2121 T	1837	611
WEBS				
E-C	.79	1697 C	0	3121
H-C	.60	978 C	0	-8732
D-E	=	179 T	G-H	= 1003 C

DL+LL DEFL = .53" IN D-C
LL DEFL = .10" < BNG-SPAN/360
SPAN/DEFL (DL+LL) = 312

GRIP VALUE BASED ON GROSS AREA
METHOD FOR SPRUCE-PINE-FIR.
PLATES ARE MANUFACTURED BY
GANG INDUSTRIES INC.
ANSI/TPI 1-1995.
PLATES = 20 UNDER SK-20
GRIPPING 383-244 PSI PER PAIR
INCLUDES 15.0% INCREASE
TENSION 1026- 712 PLI PER PAIR
SHEAR 909- 463 PLI PER PAIR

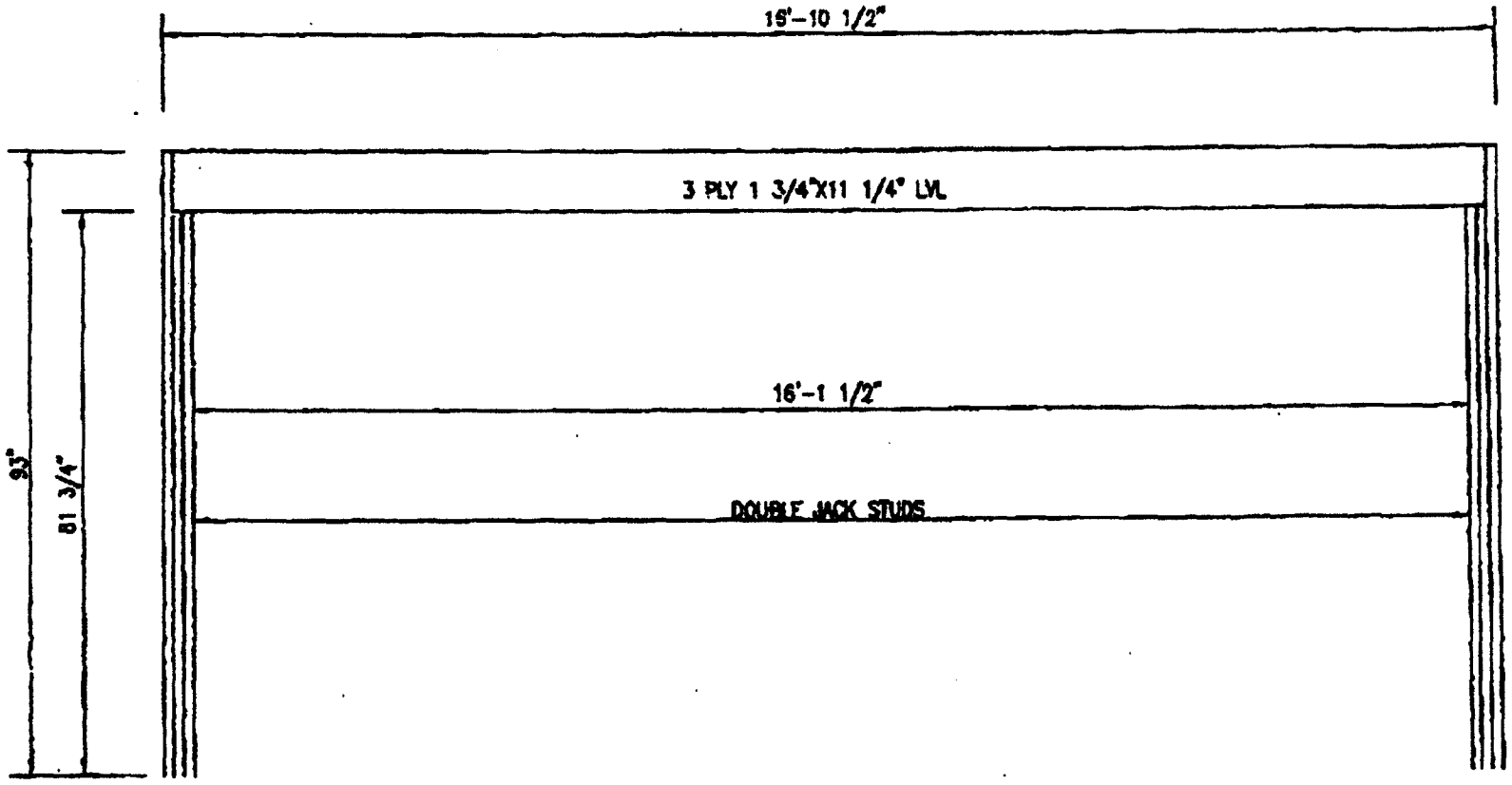
JT	TYPE	PLATE SIZE	X	Y
A	2001	4.00 X 6.00	5.5	3.3
B				
C	60838	8.00 X10.50	3.7	2.7
D	1001	2.00 X 4.50	CTR	CTR
E	1886	3.00 X 5.25	3.7	1.5
F	1191	5.00 X 6.00	3.0	3.4
G	1001	2.00 X 4.50	CTR	CTR
H	1191	5.00 X 9.00	4.8	1.2

A = PLATE IS ROTATED BY 90 DEG
| SEARCHED VIA FRAME MONITOR

APPROVED
PEI CORP
JUN 0 9 2003
APPROVAL LIMITED TO
FACTORY BUILT PORTION

REVIEWED BY:
TRUSS BUILDING SYSTEMS INC.
BOLTON ONTARIO.

NOTES:
1. ANALYSIS CONFORMS TO NBCA (ANSI/TPI 1-1995).
2. WIND LOADS - ANSI/ASCE 7-98
   TRUSS IS DESIGNED AS A MAIN WIND-FORCE RES SYSTEM
   WIND SPEED - 90 MPH
   MEAN ROOF HEIGHT - 25'
   EXPOSURE CATEGORY - C
   OCCUPANCY FACTOR - 1.00
   ENCLOSED BUILDING.
   TC DEAD LOAD = 5.0 PSF
   BC DEAD LOAD = 5.0 PSF
3. ANCHOR TRUSS FOR A TOTAL HORIZONTAL LOAD OF 314 LBS.
4. FASTEN TRUSS TO BRG A FOR 105 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.
5. FASTEN TRUSS TO BRG C FOR 294 LBS OF UPLIFT, WHILE PERMITTING NO UPWARD MOVEMENT OF WALL OR BRG.



16'-0"X7'-0"
GARAGE DOOR OPENING
DETAIL A-A

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Alvin #4394

REV.	DATE	REV.	DATE

PLAN # MIS4103
CUSTOMER: TEAL #1
DEALER: TEAL
FROM: MAPLE LEAF HOMES
DATE: JUNE 2 2003 SC

APPROVAL:
NOTE: PLEASE CHECK PLAN AN FAX BACK AFTER SIGNIN APPROVAL. THIS PLAN WIL BE USED FOR ORDERING MATERIAL.

Permit Number

MECcheck Compliance Report
1993 MEC
MECcheck Software Version 3.2 Release 1b

Checked By/Date

TITLE: M1S4103(TEAL#1)

CITY: Portland
STATE: Maine
HDD: 7378
CONSTRUCTION TYPE: Single Family

DATE: 05/13/03
DATE OF PLANS: MAY 7 2003

COMPLIANCE: Passes

Maximum UA = 312
Your Home = 242
22.4% Better Than Code

	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Glazing or Door U-Factor	UA
Ceiling 1: Flat Ceiling or Scissor Truss	840	40.0	0.0		24
Wall 1: Wood Frame, 16" o.c.	2068	20.0	0.0		101
Window 1: Vinyl Frame, Double Pane with Low-E	105			0.297	31
Door 1: Solid	49			0.350	17
Door 2: Glass	33			0.320	11
Basement Wall 1:					
Solid Concrete or Masonry, 8.0' ht/7.0' bg/8.0' insul	928	12.0	0.0		58

COMPLIANCE STATEMENT: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 1993 MEC requirements in MECcheck Version 3.2 Release 1b.

Builder/Designer_____ Date_____

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All calculations based on BOCA '96 and ASCE 7-95

MH6103
Portland, Maine

Ground Snow Load, p_g (psf)	60.0
Roof slope, x/12	6.0
Roof slope, deg	26.6
Width of Box, (ft)	14.00

Slope Roof Factor not applicable

BOCA '96 Section 1608.4
Determination of Flat-Roof Snow Loads, p_f (psf)

$P_f = C_e I P_g$

Exposure Factor, C_e (Table 1608.4 of BOCA '96)	0.7
Importance Factor, I (Table 1609.5 of BOCA '96)	1.0
Flat-Roof Snow Load, P_f (psf)	42.0

BOCA '96 Section 1608.5
Determination of Sloped-Roof Snow Load, P_s (psf)

Slope 7/12 or less

$P_s = C_s P_f$

s = (Slope of Roof in degrees)	N/A
$C_s = 1-[(s-30)/40]$	N/A
Sloped-Roof Snow Load, P_s (psf)	N/A

BOCA '96 Section 1608.6.1
Determination of Unbalanced Snow Load

Case One (for Slopes of 4/12 and under)

Maximum Slope	20.0
Minumum Slope	2.5
$UBSL = 1.0\ P_f$	N/A

Case Two (for Slopes Greater than 4/12)

Maximum Slope	70.0
Minumum Slope	20.0

For Slopes 7/12 or less
$UBSL = 1.25\ P_f$ **52.5**

For Slopes greater than 7/12
$UBSL = 1.25\ P_s$ **N/A**

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Maximum Span for Centre Beam

NSS4182

1 ply 9.25" 1.9E Ganglam LVL

Roof Load (Unbalanced Snow Load)

Live Load (psf)	50.00
Dead Load (psf)	16.00

Second Floor Load

Live Load (psf)	40.00
Dead Load (psf)	16.00

Main Floor Load

Live Load (psf)	40.00
Dead Load (psf)	12.00
Tributary width (ft)	7.00

Total Load

Distributed Load (lb/ft)	1,239.00
Distributed Load (lb/in)	103.75

Wood Species Information

Bending, F_b (psi)	2,650.00
Allowable Bending, F_b' (psi)	3,047.50
Shear, F_v (psi)	285.00
Allowable Shear, F_v' (psi)	327.75
Modulus of Elasticity, E	1.90E+06
Modified MOE, E (psi)	1.90E+06
Width b (in)	1.75
Depth d (in)	9.25
Area, (in²)	16.19
Section Modulus, (in³)	24.96
Moment of Inertia, (in⁴)	115.42
Span Length (in)	75
Span Length (ft,in)	6' 3"

SHEAR

Bending

			Check
Moment (in-lb)	58,070.13	$(0.1wl^2)$	
Actual Bending f_b (psi)	2,327.25		[illegible]

Shear

Shear (lb)	3,900.18	$(0.6wl_n)$	
Actual Shear f_v (psi)	324.34		0.99

Deflection

Deflection, L/Δ (in)	360		
Allowable Deflection, (in)	0.21	$(0.0069wl^4/EI)$	0.49
Actual Deflection, (in)	0.10		

Adjustment Factors

Adjustment Factors	Value	Applied to	NBC 2001 [uncertain]
Load Duration Factor, C_D	1.15	F_b, F_v	[illegible]
Wet Service Factor, C_M	1	F_b, F_v, E	[illegible]
Temperature Factor, C_t	1	F_b, F_v, E	[illegible]
Beam Stability Factor, C_L	1	F_b	[illegible]
Volume Factor, C_V	1	F_b	[illegible]
Repetitive Member Factor, C_r	1	F_b	[illegible]
Form Factor, C_f	1	F_b	[illegible]

Allowable Bending, F_b' (psi)	$= F_b C_D C_M C_t C_L C_V C_r C_f =$	3,047.50
Allowable Shear, F_v' (psi)	$= F_v C_D C_M C_t =$	327.75
Modified MOE, E (psi)	$= E C_M C_t =$	1.90E+06

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Maximum Spans for Centre Beams

1 Ply 9.25" 1.9E Gangnail LVL

Roof Load (Unbalanced Snow Load)

Live Load (psf)	0.00
Dead Load (psf)	0.00

Second Floor Load

Live Load (psf)	40.00
Dead Load (psf)	16.00

Main Floor Load

Live Load (psf)	40.00
Dead Load (psf)	17.00
Tributary width (ft)	7.00

Total Load

Distributed Load (lb/ft)	756.00
Distributed Load (lb/in)	63.00

Wood Section Information

Bending, F_b (psi)	2,850.00
Allowable Bending, F_b' (psi)	3,047.50
Shear, F_v (psi)	285.00
Allowable Shear, F_v' (psi)	327.75
Modulus of Elasticity, E	1.90E+06
Modified MOE, E (psi)	1.90E+06
Width b (in)	1.75
Depth d (in)	9.25
Area, (in²)	16.19
Section Modulus, (in³)	24.96
Moment of Inertia, (in⁴)	115.43
Span Length (ft)	[19]
Span Length (ft in)	5'- 1"

Adjustment Factors	Value	Applied to	New Value
Load Duration Factor, C_D	1.15	F_b, F_v	3152
Wet Service Factor, C_M	1	F_b, F_v, E	3504
Temperature Factor, C_t	1	F_b, F_v, E	3504
Beam Stability Factor, C_L	1	F_b	3504
Volume Factor, C_v	1	F_b	3504
Flat Use Factor, C_{fu}	1	F_b	3504
Form Factor, C_f	1	F_b	3504

Allowable Bending, F_b' (psi) = $F_b C_D C_M C_t C_L C_v C_{fu} C_f$ = 3,047.50

Allowable Shear, F_v' (psi) = $F_v C_D C_M C_t$ = 327.75

Modified MOE, E (psi) = $E C_M C_t$ = 1.90E+06

Reactions

			Check
Moment (lb/ft)	20,880.30	(9.1 m²)	
Actual Bending f_b (psi)	2,999.32		0.98

Shear

Shear (lb)	3,470.98	(0.6 m²)	
Actual Shear f_v (psi)	316.99		0.97

Deflection

Deflection, L/n = (in)	360		
Allowable Deflection, (in)	0.30	(0.0008 m²/EI)	0.92
Actual Deflection, (in)	0.28		

Maximum Spans for Centre Beam

1 Ply 9.25" 1 SC Gangbm LVL

Roof Load (Maintenance Span Load)

Live Load (psf)	0.00
Dead Load (psf)	0.00

Second Floor Load

Live Load (psf)	0.00
Dead Load (psf)	0.00

Main Floor Load

Live Load (psf)	40.00
Dead Load (psf)	12.00
Tributary width (ft)	7.00

Total Load

Distributed Load (lb/ft)	364.00
Dbl.y Evaled Load (lb/in)	30.33

Wood Beam/Joist Information

Bending, F_b (psi)	2,800.00
Allowable Bending, F_b' (psi)	3,047.50
Shear, F_v (psi)	265.00
Allowable Shear, F_v' (psi)	327.75
Modulus of Elasticity, E	1.90E+06
Modified MOE, E (psi)	1.90E+06
Width b (in)	1.75
Depth d (in)	9.25
Area, (in^2)	16.19
Section Modulus, (in^3)	24.95
Moment of Inertia, (in^4)	115.47
Beam Length (ft)	14.0
Total Length LR (ft)	31' 10"

Bending

			Check
Moment (ft-lb)	61,364.33	($0.1 m^2$)	
Actual Bending f_b, (psi)	2,459.01		0.80

Shear

Shear (lb)	2,247.20	($0.6 m^2$)	
Actual Shear f_v, (psi)	268.70		0.64

Deflection

Deflection, L/c x (in)	360		
Allowable Deflection, (in)	0.39	($0.0099 m^2$/EI)	0.98
Actual Deflection, (in)	0.38		

Adjustment Factors

	Value	Applied to	New Value
Load Duration Factor, C_D	1.25	F_b	2,800
Wet Service Factor, C_M	1	F_b	2,800
Temperature Factor, C_t	1	F_b	2,800
Beam Stability Factor, C_S	1	F_b	2,800
Volume Factor, C_V	1	F_b	2,800
Repetitive Member Factor, C_r	1	F_b	2,800
Form Factor, C_f	1	F_b	2,800

Allowable Bending, F_b' (psi) = $F_bC_DC_MC_tC_SC_VC_rC_f$ = 3,047.50

Allowable Shear, F_v' (psi) = $F_vC_DC_MC_t$ = 327.75

Modified MOE, E (psi) = EC_MC_t = 1.90E+06

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13" Floor Beam IMW Second Floor

MS4102

Second Floor Load

Live Load (psf)	40.00
Dead Load (psf)	16.00
Tributary width (ft)	7.00
Total Load	
Distributed Load (lb/ft)	392.00
Distributed Load (lb/in)	32.67
Total Span, (in)	162.00

Wood Species Information

Bending, F_b (psi)	2,650.00
Allowable Bending, F_b' (psi)	3,047.50
Shear, F_v (psi)	285.00
Allowable Shear, F_v' (psi)	327.75
Modulus of Elasticity, E	1.90E+06
Modified MOE, E (psi)	1.90E+06

Adjustment Factors	Value	Applied to	NDS 2001
Load Duration Factor, C_D	1.15	F_b, F_v	2.3.2
Wet Service Factor, C_M	1	F_b, F_v, E	8.1.4
Temperature Factor, C_t	1	F_b, F_v, E	2.3.3
Beam Stability Factor, C_L	1	F_b	3.3.3
Volume Factor, C_V	1	F_b	3.3.3
Repetitive Member Factor, C_r	1	F_b	8.3.7
Form Factor, C_f	1	F_b	3.4.3

Allowable Bending, F_b' (psi) $= F_b C_D C_M C_t C_L C_V C_r C_f =$ 3,047.50

Allowable Shear, F_v' (psi) $= F_v C_D C_M C_t =$ 327.75

Modified MOE, E (psi) $= EC_M C_t =$ 1.90E+06

Two Ply 9.25" LVL

Width b (in)	3.50
Depth d (in)	9.25
Area, (in^2)	32.38
Section Modulus, (in^3)	49.91
Moment of Inertia, (in^4)	230.84

Two Ply 7.25" LVL

Width b (in)	3.50
Depth d (in)	7.25
Area, (in^2)	25.38
Section Modulus, (in^3)	30.66
Moment of Inertia, (in^4)	111.15

Bending

Moment (in*lb)	107,163.00
Actual Bending f_b, (psi)	1,330.01

$f_b = M/(S_{2\ ply\ 9.25"\ LVL} + S_{2\ ply\ 7.25"\ LVL})$

Shear

Shear (lb)	2,646.00
Actual Shear f_v, (psi)	68.73

$f_v = (3V)/(2*(A_{2\ ply\ 9.25"\ LVL} + A_{2\ ply\ 7.25"\ LVL}))$

Deflection

Deflection, L/x; x (in)	360
Allowable Deflection, (in)	0.45
Actual Deflection, (in)	0.45

$Def = (5wl^4)/(384E(I_{2\ ply\ 9.25"\ LVL} + I_{2\ ply\ 7.25"\ LVL}))$

CA-1

Jack Stud design for Ganglam 1.9E LVL Beam Design

MH8410X

Floor Beam

Support Post Size 2 Ply 2"x 4 " S-P-F No. 2

Reaction, lbs (From Ganglam calculation)	2649	
Number of LVL Plys (From Ganglam calculation)	2	3.5" Wide

Jack Post Properties

Species	S-P-F
Grade	No. 2
MOE, E'	1,400,000
Pressure Treated	No

Column Size Tested

d_w (in)	3.50	
d_y (in)	3.00	
Unsupported Length, l_e (in)	0.00	
Unsupported Length, l_y (in)	85.00	
Comp. Par. to Grain, $F_{c\perp}$ (psi)	1150	
Allowable, F_{cz}' (psi)	608	
Actual Load, (lbs)	2649	
Bearing Area Req'd, (in^2)	4.35	
Actual Bearing Area, (in^2)	10.50	GOOD
No. of plys for built up Column	2	

Adjustment Factors	Value	Applied to	NDS 1997
Load Duration Factor, C_D	1.15	$F_{c\perp max}$	2.3.2
Wet Service Factor, C_M	1.00	$F_{c\perp max}$	Table 4A
Temperature Factor, C_t	1.00	$F_{c\perp max}$	2.3.4
Size Factor, C_F	1.00	$F_{c\perp max}$	Table 4A
Incising Factor, C_i	1.00	$F_{c\perp max}$	2.3.11
Column Stability Factor, C_P	0.46	$F_{c\perp max}$	3.7.1

Allowable, F_{cz}' (psi)=$F_{c\perp}C_DC_MC_tC_FC_iC_P$

Allowable, F_{cz}' (psi) 608

CA-1.1

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22' Garage Roof Two Storey 14' Span 60 psf GBL — ME — Maple Leaf Homes

NOTE:
1. THIS COMPONENT IS DESIGNED TO SUPPORT ONLY THE VERTICAL LOADS SHOWN. VERIFICATION OF LATERAL DEFLECTION AND STABILITY DURING CONSTRUCTION AND AFTER BRACING SYSTEMS, AND OTHER LATERAL BRACING THAT IS REQUIRED IS THE RESPONSIBILITY OF THE PROJECT ENGINEER OR ARCHITECT.
2. BRACING ASSISTANT AT SUPPORTS TO ENSURE LATERAL STABILITY.
3. DO NOT CUT, NOTCH OR DRILL GANG-LAM.
4. TRIM ALL BEARINGS FOR FULL CONTACT.
5. VERIFY DIMENSIONS BEFORE CUTTING GANG-LAM TO SIZE.
6. THIS GANG-LAM IS TO BE USED AS A ROOF BEAM ONLY.
MAKE PROVISION FOR ADEQUATE DRAINAGE.
7. PROVIDE COMPRESSION EDGE BRACING AT EACH END OF COMPONENT.

ATTACH THE TOP PLIES WITH 3 ROWS OF 10d COMMON NAILS AT 12" OC STAGGER ROWS. NAILS ON EACH FACE FROM ONE FACE OR HALF FROM EACH FACE. NAILS MAY BE COMMON OR BOX NAILS HAVING A MINIMUM SHANK DIAMETER OF 0.131". THE BRANCHING (3-WAY) MAY BE USED, BUT HALF MUST BE DRIVEN FROM EACH SIDE.

LOADING

NOTE: LOADS SHOWN ARE FOR INPUT LOAD CASE(S). OTHER LOAD CASES FOR SHORT TERM LIVE LOADING ARE PROVIDED AS FOLLOWS:
LOADING CASE NO. 2 APPLIED FOR A LIVE LOAD OF 100 PSF OR SNOW LOAD

DISTRIBUTION	SOURCE	TYPE	POSITION	LOAD	FROM	TO	LOAD	LDF
UNIFORM	ROOF	LIVE	SIDE	33.3 PLF	00-00-00	22-00-00		1.15
UNIFORM	ROOF	DEAD	SIDE	66 PLF	00-00-00	22-00-00		0.90
UNIFORM	BEAM	WEIGHT	SIDE	16 PLF	00-00-00	22-00-00		0.90

WARNING NOTES:

THIS COMPONENT OR BEAM IS SPECIFICALLY FOR LP SYSTEMS WOOD PRODUCTS. USE OF THIS DESIGN FOR ANYTHING OTHER THAN GANG-LAM LVL OR LPI JOISTS IS STRICTLY PROHIBITED. ANY MODIFICATION OF THIS DOCUMENT REQUIRES REVIEW BY A DESIGN PROFESSIONAL.

MINIMUM BEARING SIZES ARE SUFFICIENT TO PREVENT CRUSHING OF THE GANG-LAM LVL BEAM AS DESIGNED. IT IS THE RESPONSIBILITY OF THE PROJECT ENGINEER, ARCHITECT OR DESIGNER TO VERIFY THAT THE SUPPORT STRUCTURE FOR THIS BEAM IS CAPABLE OF SUPPORTING THE REACTIONS.

ANCHOR GANG-LAM LVL ROOF BEAM SECURELY TO BEARINGS OR HANGERS.

THIS COMPONENT MEETS CODE ALLOWED DEFLECTION CRITERIA. CALCULATED DEFLECTION EXCEEDS SPAN AND SHOULD BE REVIEWED BY PROJECT DESIGNER FOR ADEQUACY.

GANG-LAM LVL ROOF BEAMS ARE MANUFACTURED WITHOUT CAMBER. THEREFORE, IN ADDITION TO COMPLYING WITH THE DEFLECTION LIMITS OF LOCAL BUILDING CODES, OTHER DEFLECTION CONSIDERATIONS SHOULD BE EVALUATED BY THE PROJECT ENGINEER OR ARCHITECT SUCH AS PONDING, CRACKING AND AESTHETICS. (POSITIVE DRAINAGE IS ESSENTIAL)

2 MEMBER 1.75 X 14.000 GLSSRPS-LVE
BUILT UP CONSISTS OF 2 - 1 LAYS FASTENED TOGETHER (REFER TO DETAIL).

DESIGN CRITERIA :

LIVE LOAD	=	33 PSF
DEAD LOAD	=	16 PSF
TOTAL LOAD	=	49 PSF
FOOT LEFT SPAN CANT.	:	11.00 FT
ROOF RIGHT SPAN CANT.	:	0.00 FT

DEFLECTION CRITERIA :

LIVE LOAD DEFL:	L / 360
TOTAL LOAD DEFL:	L / 180

CODE COMPLIANCE :

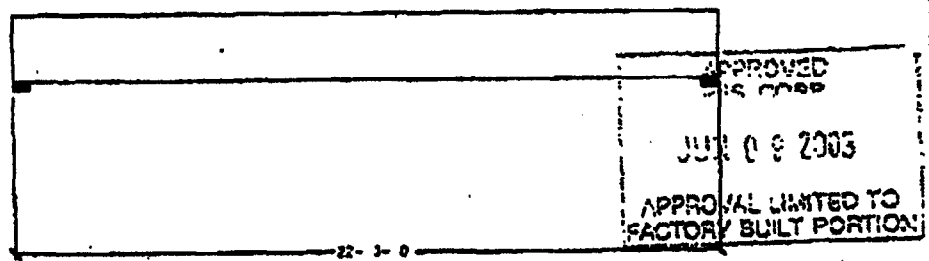
	REPORT #
ICBO	ER-6601
BOCA	NR 3216?
SBCCI	?3519-P
WISCONSIN	WC1?4-W
NBA	872
N.Y. CITY	MEA 97-94-E
MBD	NR 3216?

SUPPORT REACTIONS (LBS) :

CASE	BEARING NUMBER 1	2
1	4358	4358
2	1144	1144

MIN BEARING SIZES (LBS-PSI)
3- 0 3- 0

CROSS SECTION



*** THIS DRAWING IS NOT TO SCALE ***

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MAXIMUM DEFLECTIONS

	CALCULATED	ALLOWABLE
LIVE LOAD	0.65"	0.72"
DEAD LOAD	0.35"	
TOTAL LOAD	0.88"	1.45"

Handling & Erection

Temporary and permanent bracing for building components shown and for building stand alone shall be designed and installed by others. No loads are to be applied to the component until all the bracing and fastening are completed. Allow time and investigate that design loads have not or are not exceeded.

Design Criteria

The design and material specified are in accordance with the latest editions of NDS and ANSI. * Dead load deflection includes adjustment factor for creep. Total load deflection is instantaneous.

Miscellaneous Information

The use of this component shall be specified by the designer of the complete structure. Building official's preliminary code compliance approval and instructions from the designer of the complete structure relating to the component, if the design details listed above does not meet local building code requirements, do not use this design. When truss bearing is inclined and cutting, the structural design as approved or shown in this drawing is based on ends vertical (plumb) and parallel. Gang-Lam LVL and LPI® I-Joists are made without camber and will deflect some less. Bolted or glued splice with dowels shall be provided as required by code. Continuous lateral support to adjacent joist, floor beam, etc.). LP does not provide on-site inspection. This drawing must have an architect's or engineer's seal/stamp to be considered a legal building document.

Gang-Lam LVL and GBL LPI Joist Specifications

* Supports and connections for Gang-Lam LVL and GBL LPI Joists to be specific approvals.
* Covered only when possible to use holes that do not exceed a width of 4" for 16d and 8" for 30.
* Do not cut, notch, drill or alter Gang-Lam LVL and GBL LPI joists except as shown or published in literature from LP any use of Gang-Lam LVL and GBL LPI joists contrary to the holes cut from however, negates any express warranty of the product and LP disclaims all implied warranties including any implied warranties of merchantability and fitness for a particular use.

* A COPY OF THIS DRAWING IS TO BE GIVEN TO THE INSTALLING CONTRACTOR

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Software Provided By:
LP Engineered Wood Products
2700 Highway 421 North
Wilmington, NC 28401
Local 910.762.1616
McDonald Wide 800.999.9136

DWG # C1-2
SHEET #

Jack Stud design for Ganglam 1.9E LVL Beam Design

M2841.02

22' Garage Roof Beam

Support Post Size 2 Ply 2"x 4 " S-P-F No. 2

Reaction, lbs (From Ganglam calculation)	4351	
Number of LVL Plys (From Ganglam calculation)	2	3.5" Wide

Jack Post Properties

Species	S-P-F	
Grade	No. 2	
MOE, E'	1,400,000	
Pressure Treated	No	

Column Size Tested

d_x (in)	3.50	
d_y (in)	3.00	
Unsupported Length, l_x (in)	0.00	
Unsupported Length, l_y (in)	85.00	
Comp. Par. to Grain, $F_{c\perp}$ (psi)	1150	
Allowable, $F_{c\perp}'$ (psi)	668	
Actual Load, (lbs)	4351	
Bearing Area Req'd, (in^2)	7.15	
Actual Bearing Area, (in^2)	10.50	GOOD
No. of plys for built up Column	2	

Adjustment Factors	Value	Applied to	NDS 1997
Load Duration Factor, C_D	1.15	$F_{c\perp}$	2.3.2
Wet Service Factor, C_M	1.00	$F_{c\perp}$	Table 4A
Temperature Factor, C_t	1.00	$F_{c\perp}$	2.3.4
Size Factor, C_F	1.00	$F_{c\perp}$	Table 4A
Incising Factor, C_i	1.00	$F_{c\perp}$	2.3.11
Column Stability Factor, C_P	0.46	$F_{c\perp}$	3.7.1

Allowable, $F_{c\perp}'$ (psi)=$F_{c\perp}C_DC_MC_tC_FC_iC_P$

Allowable, $F_{c\perp}'$ (psi) 668

CA-2.1

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18' Garage Door Header Two Storey, 14' Span 60 psf GSL ME Maple Leaf Homes

JOISA Alternate Beam Design

NOTE
1. THIS COMPONENT IS DESIGNED TO SUPPORT ONLY THE VERTICAL LOADS SHOWN WITHOUT CONSIDERATION OF LONGITUDINAL, DIRECTIONAL, OVERTURNING, TWISTING, RESTRAINT, WIND AND SEISMIC BRACING AND OTHER LATERAL BRACING THAT IS ALWAYS REQUIRED TO THE OVERALL STABILITY OF THE PROJECT BUILDING OR ARCHITECT.
2. PROVIDE BRIDGING AT SUPPORTS TO ENSURE LATERAL STABILITY.
3. DO NOT CUT, NOTCH OR DRILL GANG-LAM
4. BEARING SURFACES FOR FULL CONTACT
5. VERIFY DIMENSIONS BEFORE CUTTING GANG-LAM TO SIZE.
6. THIS GANG-LAM IS TO BE USED AS A ROOF BEAM ONLY.
SUPPLY PROVISION FOR ADEQUATE DRAINAGE.
7. PROVIDE CONFINEMENT EDGE SPACING AT BACKEND OF COMPONENT.

JOISTS ABOVE COMPONENT SHOULD BE APPLIED TO TOP EDGE OF GANG-LAM, SUCH THAT LOAD IS DISTRIBUTED EQUALLY TO EACH PLY. ATTACH TWO PLIES WITH 2 ROWS OF 10d (3-1/2") NAILS AT 12" OC. FROM ONE FACE ONLY, STAGGER ROWS. FLIP BEAM AND ATTACH THE THIRD PLY WITH 2 ROWS OF 10d (3-1/2") NAILS AT 12" O/C TO THE UNNAILED SIDE OF THE FIRST TWO PLIES. STAGGER ROWS. NAILS MAY BE COMMON OR BOX NAILS WITH A MINIMUM SHANK DIAMETER OF 0.131". USE SIMPSON SDWC SCREWS MAY BE USED

LOAD TABLE

NOTE: LOADS SHOWN ARE FOR ONE LOAD CASE (1) OF OTHER LOAD CASES NOT APPLIED. NO LOADINGS ARE CONSIDERED.
OVER-SIZED BEARING LENGTH LEFT END OF SPAN OF SUPPLIER.

APPLICATION	SOURCE	TYPE	DISTRIBUTION	LOAD	FROM	TO	LOAD	LOF
					12'-10"-00	32'-10"-00		
UNIFORM	ROOF	LIVE	TOP	292 PLF	00'-00"-00	32'-00"-00		1.15
UNIFORM	ROOF	DEAD	TOP	88 PLF	00'-00"-00	32'-00"-00		0.90
UNIFORM	PERM	WEIGHT	TOP	37 PLF	00'-00"-00	32'-00"-00		0.90

WARNING NOTES

THIS COMPONENT DESIGN IS SPECIFICALLY FOR LP ENGINEERED WOOD PRODUCTS. USE OF THIS DESIGN FOR ANYTHING OTHER THAN GANG-LAM LVL OR LPI JOISTS IS STRICTLY PROHIBITED. ANY MODIFICATION OF THIS DOCUMENT REQUIRES REVIEW BY A DESIGN PROFESSIONAL.

MINIMUM BEARING SIZES ARE SUFFICIENT TO PREVENT CRUSHING OF THE GANG-LAM LVL BEAM AS DESIGNED. IT IS THE RESPONSIBILITY OF THE PROJECT BUILDER, ARCHITECT OR DESIGNER TO VERIFY THAT THE SUPPORT STRUCTURE FOR THIS BEAM IS CAPABLE OF SUPPORTING THE REACTIONS

ANCHOR GANG-LAM LVL ROOF BEAM SECURELY TO BEARINGS OR HANGERS.

DESIGN CRITERIA : MEMBER DATA
LIVE LOAD = 40 PSF
DEAD LOAD = 10 PSF
TOTAL LOAD = 50 PSF

ROOF LIVE SPAN CAMB. : 11.00 mm
ROOF DEAD SPAN CAMB. : 0.00 mm

DEFLECTION CRITERIA :
LIVE LOAD DEFL: L / 360
TOTAL LOAD DEFL: L / 240

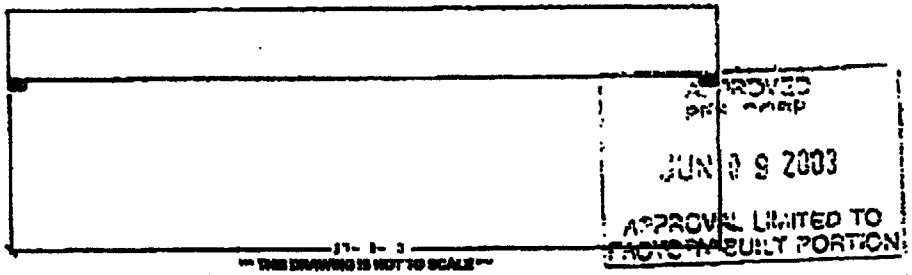
CODE COMPLIANCES :

	REPORT #
ICBO	ER-5004
S.B.C. CABO	PR 95367
CCMC	11515-R
BOCA/NCBCS	97B124-M
NBC	633
N.T. CITY	NBA 97-98-6
SBCCI	NR 12140

SUPPORT REACTIONS (LBS) :
CASE BEARING NUMBER
1 2
1 3365 3369
2 852 852

MIN BEARING SIZES (IN-MM)
1= 0 2= 0

CROSS SECTION



** THIS DRAWING IS NOT TO SCALE **

DEFLECTION SELECTIONS
CALCULATED ALLOWABLE
LIVE LOAD: 0.44" 0.84"
*DEAD LOAD: 0.24"
TOTAL LOAD: 0.68" 1.12"

APPROVED
JUN 0 9 2003
APPROVAL LIMITED TO STRUCTURALLY PORTION

Bracing & Erection

Temporary and permanent bracing for entire component (Gang-Lam) and the resulting framed house shall be designed and installed by others. The bottom chords to support no component until after all the framed wall bracing are completed. At no time shall loads greater than design loads be applied to the components.

Design Consult

This design and product specified are to be submitted for review with the local authorities of NBC and AHJ. Should local authority require additional design for which this product is intended.

Miscellaneous Information

The use of this component shall be specified by the design of the complete structure. Check all the necessary code compliance reports and local authorities for the design of the specific structure before using the component. If the design values listed above have changed and/or any code requirements do not see this design. When the member is altered in any manner, the structural strength approved as shown in this drawing is no longer provided by the manufacturer. Gang-Lam LVL and GTR, LPI Joists are made without crowns and will deflect more than. Wood is shrunk material with moisture content as supplied by mills. Conditioned wood is supplied at moisture content. Therefore, shall LP does not provide on-site inspection. This drawing must bear all Architect's or Engineer's seal affixed to be considered an Engineering document.

Gang-Lam LVL and GTR, LPI Joist Specifications

* Supports and connections for Gang-Lam LVL and GTR, LPI Joists to be specific applications.
* Cripples and connections to the floor shall be nailed continuous of 4" or 100 mm and 3" for GL.
* Do not cut, notch, drill or alter Gang-Lam LVL and GTR, LPI Joists except as shown in published instructions. LP any cut of Gang-Lam LVL and GTR, LPI Joists contrary to the instructions and limits in our literature and are express warranty of the product and LP disclaims all implied warranties including the implied warranties of merchantability and fitness for a particular use.
* A COPY OF THIS DRAWING IS TO BE GIVEN TO THE INSTALLING CONTRACTOR

LP is a trademark of Louisiana-Pacific Corporation.

Software Provided By: ICBO BOCA
LP Engineered Wood Products
3705 Highway 421 North
Wilmington, NC 28401
Local 910.762.5978
National Voice 800.999.9108

DWG # CA-3
SHEET #

4" Beam in Subway Two Story Second Floor 14' Box 80 psf SSL — ME — Maple Leaf Homes

NOTE:
1. THIS COMPONENT IS INTENDED TO SUPPORT ONLY THE VERTICAL DESIGN LOADS SHOWN. VERIFICATION OF LONG-TERM DEFLECTION LIMITATIONS, TRIAL-UP METHODS, WORKING STRESS INCREASES, AND OTHER LATERAL BRACING THAT IS ALWAYS REQUIRED IS THE RESPONSIBILITY OF THE PROJECT ENGINEER OR ARCHITECT.
2. PROVIDE RESTRAINT AT SUPPORTS TO ENSURE LATERAL STABILITY.
3. DO NOT CUT, NOTCH OR DRILL GANG-LAM.
4. SHIM ALL BEARINGS FOR FULL CONTACT.
5. LVL* DENOTES GRADE BEFORE CUTTING GANG-LAM TO SIZE.
6. THIS GANG-LAM IS TO BE USED AS A ROOF BEAM ONLY. MAKE PROVISION FOR ADEQUATE DRAINAGE.
7. PROVIDE COMPRESSION EDGE BRACING AT EACH END OF COMPONENT

LOAD TABLE

NOTE: LOADS SHOWN ARE FOR FIRST LOAD DURATION. OTHER LOAD CASES PER PATTERN. LIVE LOADING ARE CALCULATED AS STORAGE. DIMENSIONS MEASURED FROM FACE OF BEAM OR CANTILEVER.

DESCRIPTION	SOURCE	TYPE	TOP/SIDE	LOAD	FROM	TO	LOAD	TOT
					12-15-88	03-15-89		
ENTIRE SPAN	ROOF	LIVE	SIDE	37.1	PLF	03-00-00	04-03-03	1.15
ENTIRE SPAN	ROOF	DEAD	SIDE	112	PLF	00-00-00	04-00-00	6.90
ENTIRE SPAN	BEAM	WEIGHT	SIDE	4	PLF	00-00-00	04-00-00	0.90

WARNING NOTES:

THIS COMPONENT DESIGN IS SPECIFICALLY FOR LP ENGINEERED WOOD PRODUCTS. USE OF THIS DESIGN FOR ANYTHING OTHER THAN GANG-LAM LVL OR LPI JOISTS IS STRICTLY PROHIBITED. ANY MODIFICATION OF THIS DOCUMENT RENDERS REVIEW BY A DESIGN PROFESSIONAL.

LATERAL BRACING SUPPORTS ARE SUPPOSED TO PREVENT CRUSHING OF THE GANG-LAM LVL BEAM AS DESIGNED. IT IS THE RESPONSIBILITY OF THE PROJECT ENGINEER, ARCHITECT OR DESIGNER TO VERIFY THAT THE SUPPORT STRUCTURE FOR THIS BEAM IS CAPABLE OF SUPPORTING THE REACTIONS.

ANCHOR GANG-LAM LVL ROOF BEAM SECURELY TO BEARINGS OR HANGERS.

DESIGN CRITERIA :

LIVE LOAD	=	53
DEAD LOAD	=	16
TOTAL LOAD	=	69

MOST LEFT SPAN DEFL. : 0.09 IN
ROOF RIGHT SPAN DEFL. : 0.00 IN

DEFLECTION CRITERIA :
LIVE LOAD DEFL: L / 360
TOTAL LOAD DEFL: L / 240

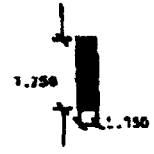
CODE COMPLIANCE :

	REPORT #
ICBO	ER-3906
L.A. CITY	RR 25167
CCMC	11510-R
MISSOURI	2863-R
FBC	431
N.Y. CITY	MEA 93-84-C
ASH	RR 12162

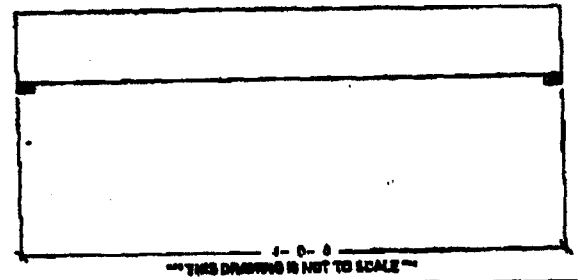
REACTIONS (LBS) :

CASE	BEARING 1	BEARING 2
1	312	973
4	211	235

MIN BEARING WIDTH (IN-SQ)
1- 3 1- 3



CROSS SECTION



"THIS DRAWING IS NOT TO SCALE"

MAXIMUM DEFLECTIONS

	CALCULATED	ALLOWABLE
LIVE LOAD	0.08"	0.13"
DEAD LOAD	0.01"	
TOTAL LOAD	0.02"	0.20"

APPROVED
FES CORP
JUN 0 9 2003
APPROVAL LIMITED TO FACTORY BUILT PORTION

Handling & Erection

Temporary and permanent bracing for framing components, panels and for complete framed assembly designed and installed by others. Maintain wet to the applied load to components until after the roofing and finishing are completed. Alpine Truss Plate Rules govern field storage, handling and erection of trusses.

Design Criteria

The design and material specified are in substantial accordance with the latest revisions of NDS and APA. "Dead load deflection multiplier adjustment factor for creep. Valid for dry conditions in fabrication.

Manufacturer Information

The use of this component is specified by the designer of the complete structure. Verify all the necessary code compliance approval and submittals from the designer of the complete structure before ordering and/or fabrication. If the design details shown does not meet local building code requirements, do not use this design. Where this drawing is signed and sealed, the structural design is approved to all the information provided by the customer. Gang-Lam LVL and GTR, LPI joists are made without camber and will deflect under load. Wherever floors, ceilings or walls are to be finished or applied to joists, Contractor is responsible to camber (add, then cut), (or shim) to provide smooth application. This drawing does not take into consideration any Engineer's seal affixed to the component drawing(s).

Gang-Lam LVL and GTR, LPI Joist Specifications

* Bearing specifications for Gang-Lam LVL and GTR, LPI Joist joists specification.
* Minimum width allows provided to allow these details to support a minimum of 4" for VLI and 3" for GL.
* Do not cut, notch, drill or alter Gang-Lam LVL and GTR, LPI Joists unless in accordance with Gang-Lam, LPI and GTR, LPI Joists warranty. In the event that there is any question regarding the cutting or drilling of the joist, contact LP Corporation at the listed telephone number for approval of the joist and LP Corporation will respond within 48 hours. Failure to contact LP Corporation will void the warranty and liability for the joist.

A COPY OF THIS DRAWING IS TO BE GIVEN TO THE INSTALLING CONTRACTOR

LP is a trademark of Louisiana-Pacific Corporation

Software Provided By:
LP Engineered Wood Products — NERMA — BOCA

2700 Highway 421 North
Wilkesboro, NC 28697
Local 910.742.0978
National Web 800.999.5105

DWG # CA-4

SHEET #

13' Beam in Attic Two Storey Second Floor 14' Bea 80 psf GSL — ME — Maple Leaf Homes

SIZE Laminated Strand Lumber

NOTE:
1. THIS COMPONENT IS DESIGNED TO SUPPORT ONLY THE VERTICAL LOADS SHOWN. VERIFICATION OF LOADS & SUPPORTING STRUCTURE FOR LATERAL FORCES INCLUDING WIND AND SEISMIC BRACING, AND OTHER LATERAL BRACING THAT IS ALWAYS REQUIRED IS THE RESPONSIBILITY OF THE PROJECT ENGINEER OR ARCHITECT.
2. PROVIDE RESTRAINT AT SUPPORTS TO ENSURE LATERAL STABILITY.
3. DO NOT CUT, NOTCH OR DRILL GANG-LAM
4. SIGN ALL SHEETS FOR FULL CONTRACT.
5. VERIFY DIMENSIONS BEFORE CUTTING GANG-LAM TO SIZE.
6. THIS GANG-LAM IS TO BE USED AS A ROOF BEAM ONLY.
7. LATERAL SUPPORT MUST BE PROVIDED TO ENSURE ADEQUATE STABILITY. PROVIDE COMPRESSION EDGE BRACING AT 24" O.C. OR LESS.

LOAD TABLE

T BEAM 1.75 X 16.000 GANG-LAM

NOTE: LOADS SHOWN ARE FOR EQUIVALENT LOAD CASE (D) OTHER LOAD CASES FOR MATERIAL LIVE LOADS ARE ENTERED AS REQUIRED. (LIVE/SNOW IS MEASURED ALONG HORIZONTAL PROJECTION)

DISTRIBUTION	SOURCE	TYPE	TYP/SIDE	LOAD	FROM	TO	LOAD	LM
UNIFORM	ROOF	LIVE	SIDE	371 PLF	00-00-00	15-30-04		1.15
UNIFORM	ROOF	DEAD	SIDE	121 PLF	00-00-00	15-30-00		0.90
UNIFORM	BEAM	WEIGHT	SIDE	6 PLF	00-00-00	15-30-00		0.90

WARNING NOTES:

THIS COMPONENT DESIGN IS SPECIFICALLY FOR LP ENGINEERED WOOD PRODUCTS. USE OF THIS DESIGN FOR MATERIALS OTHER THAN GANG-LAM LVL OR LPI JOISTS IS STRICTLY PROHIBITED. ANY ALTERATION OF THIS DOCUMENT RENDERS IT INVALID.

MINIMUM BEARING SIZES ARE SUFFICIENT TO PREVENT CRUSHING OF THE GANG-LAM LVL BEAM AS DESIGNED. IT IS THE RESPONSIBILITY OF THE PROJECT ENGINEER, ARCHITECT OR DESIGNER TO VERIFY THAT THE SUPPORT STRUCTURE FOR THIS BEAM IS CAPABLE OF SUPPORTING THE REACTIONS.

ANCHOR GANG-LAM LVL ROOF BEAM SECURELY TO BEARINGS OR HANGERS.

DESIGN CRITERIA :

TOTAL LOAD	=	93	PSF
LIVE LOAD	=	80	PSF
TOTAL LOAD	=	93	PSF

ROOF LEFT SPAN CANT. : 14.00 FT
ROOF RIGHT SPAN CANT. : 0.00 FT

DEFLECTION CRITERIA :

LIVE LOAD DEFL:	L / 360
TOTAL LOAD DEFL:	L / 180

CODE COMPLIANCES :

	REPORT #
ICBO	ER-3894
S.B.C. City	RR 25167
CCMC	11519-L
MISSISSAUGA	366424-M
NBC	332
U.B.C. City	NBC 95-34-E
NBC	MR 12160

SUPPORT REACTIONS (LBS) :

CASE	BEARING NUMBER 1	BEARING NUMBER 2
1	3881	3823
2	330	309

MIN BEARING SIZES (LBS)
4- 0 4- 0

CROSS SECTION

MAXIMUM DEFLECTIONS:

	CALCULATED	ALLOWABLE
LIVE LOAD	0.34"	0.89"
DEAD LOAD	0.14"	
TOTAL LOAD	0.48"	0.93"

15- 0- 0

*** THIS DRAWING IS NOT TO SCALE ***

APPROVED
PES. CODE
JUN 0 9 2003
APPROVAL LIMITED TO FACTORY BUILT PORTION

Handling & Erection

Preliminary and permanent bracing for roof(s), subfloor(s), panel(s) and the stability of trusts shall be designed and installed by others. The erector is to be cautious in the transportation, lifting and bracing and temporary bracing is required on all structures to prevent collapse.

Design Criteria

The design and manufacture of this component conforms with the latest versions of NDS and APA. Load duration increase adjustments have been applied.

Maintenance Information

The use of this component shall be consistent with the design assumptions. Alterations to the component must be approved by the designer of record. Consult the building official before making alterations.

Gang-Lam LVL and CVP, LPI Joist Specifications

- Suggested bolt connections for Gang-Lam LVL and CVP, LPI Joists in specific applications.
- Common rafter/joist details provided to give base steel to support purlins/runs of 4" for 150 and 8" for 64.
- Do not cut, notch, drill or alter Gang-Lam LVL and CVP, LPI Joists except as shown in publications provided from LP any use of Gang-Lam LVL and CVP, LPI Joists contrary to this design has been, requires any material warranty of the product and LP disclaims all implied warranties including the implied warranties of merchantability and fitness for a particular use.

* A COPY OF THIS DRAWING IS TO BE GIVEN TO THE INSTALLING CONTRACTOR

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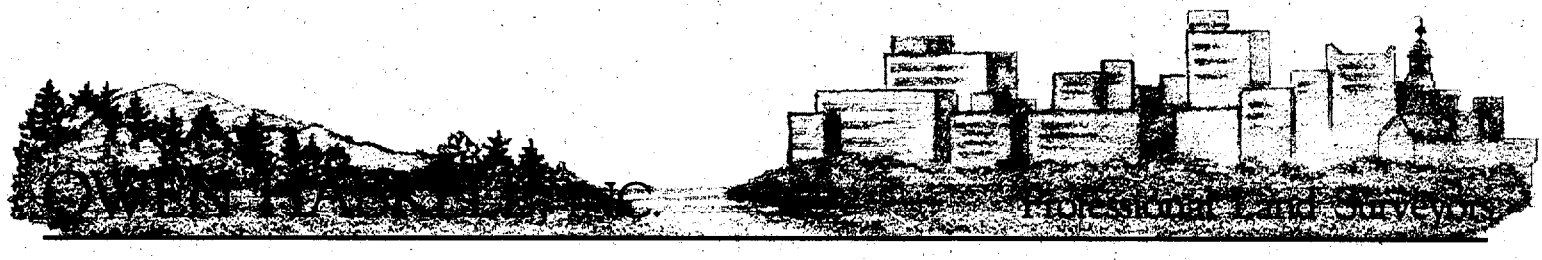
Software Provided By:
LP Engineered Wood Products
2700 Highway 431 North
Wilmington, NC 28401
Local 910.762.1670
National Mark 800.999.5101

DWG # CA-5
SHEET #



16 Casco Street • Portland, Maine 04101-2979 • 207/774-0424 • FAX: 774-0511 • ohi@owenhaskell.com

October 24, 2002

30 WAYNE STREET

A certain parcel of land situated on the northeasterly side of Wayne Street, in the City of Portland, County of Cumberland, State of Maine as shown on a plan entitled "Site Plan on 30 Wayne Street, Portland Maine Made for Robert Adam" dated October 8, 2002 drawing #2 by Owen Haskell, Inc. being bounded and described as follows:

Beginning on the northeasterly sideline of Wayne Street at a point S 46° 53' 22" E and 99.00 feet from this most the most southerly corner of land now or formerly of Doherty, Reference Book 8935 Page 89;

Thence N 42° 00' 00" E 82.53 feet;

Thence S 46° 53' 22" E 83.27 feet;

Thence S 25° 43' 51" W 86.46 feet to said sideline of Wayne Street;

Thence N 46° 53' 22" W along said sideline 107.50 feet to the Point of Beginning, containing 7870 square feet, more or less.

Being Lot 15 on a plan for Samuel Butterfield dated August 1856 and recorded in the Cumberland County Registry of Deeds in Plan Book 4, Page 14.

File: 2002-220-01-WCS

02-1171

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.

Location/Address of Construction: 30 Wayne ST.		
Total Square Footage of Proposed Structure: 2276	Square Footage of Lot: 7870	
Tax Assessor's Chart, Block & Lot — Chart# 177 Block# I Lot# 017	Owner: Teal Limited Liability Company	Telephone: 781 3224
Lessee/Buyer's Name (If Applicable) 177-I-17	Applicant name, address & telephone:	Cost Of Work: $ 125000 Fee: $ 1198

Current use: Vacant Lot

If the location is currently vacant, what was prior use: Vacant Lot

Approximately how long has it been vacant: Always

Proposed use: Modular Single family house + car attached

Project description: 28' X 32' TWO STORY Colonial 22' x 22'

Bldg Fee 898.00
Site Fee 300.00
1,273.00

Contractor's name, address & telephone: Teal LLC, 286 Falmouth Rd, Falmouth ME 04105 Tel 781 3224

Who should we contact when the permit is ready: Robert Adams

Mailing address: 286 Falmouth Rd
Falmouth ME 04105

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: 781 3224 Cell

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 APROVE 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 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: Robert L Adam Teal LLC Date: Oct 9, 02

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

RECEIVED
OCT 11 2002
BUILDING INSPECTION
CITY OF PORTLAND

City of Portland, Maine - Building or Use Permit Application

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

Permit No:	Issue Date:	CBL:
02-1171		177 I001

Location of Construction:	Owner Name:	Owner Address:	Phone:
28 ~~18~~ Wayne St	Teal Limited Liability Co.	286 Falmouth Road	781-3224
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	Teal LLC	286 Falmouth Road Falmouth	2077813224
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	**Zone:**
		Single Family	R-3

Past Use:	Proposed Use:	Permit Fee:	Cost of Work:	CEO District:
Vacant Land	Single Family / Build 28' 32' modular colonial with 22' x 22' one car attached garage.	$973.00	$125,000.00	3

FIRE DEPT: ☐ Approved ☐ Denied

Signature:

INSPECTION: Use Group: Type:

Signature:

Proposed Project Description:

New 28' x 32' Single Family Modular Home with 22' x 22' one car attached Garage.

See Amended PLAN

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: ☐ Approved ☐ Approved w/Conditions ☐ Denied

Signature: Date:

Permit Taken By:	Date Applied For:
gad	10/11/2002

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building permits do not include plumbing, septic or electrical work.
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..

Zoning Approval

Special Zone or Reviews	Zoning Appeal	Historic Preservation
☐ Shoreland N/A	☐ Variance	☒ Not in District or Landmark
☐ Wetland	☐ Miscellaneous	☐ Does Not Require Review
☐ Flood Zone Panel 13 Zone C	☐ Conditional Use	☐ Requires Review
☐ Subdivision	☐ Interpretation	☐ Approved
☒ Site Plan 2002-0222	☐ Approved	☐ Approved w/Conditions
Maj ☐ Minor ☐ MM ☒	☐ Denied	☐ Denied
Date:	Date:	Date:

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

Applicant: TEAL Limited Liability Date: 12/23/02

Address: 28-30 Wayne St C-B-L: 177-I-18

CHECK-LIST AGAINST ZONING ORDINANCE

Date - New Dev. #02-117

Zone Location - R-3

Interior or corner lot - end of Street

Proposed Use/Work - Construct New single family with attached garage 28'x32' 22'x22' NO rear Decks

Sewage Disposal - City

Lot Street Frontage - 50' req - 107.50' Shown

Front Yard - 25' req - 25' scaled exactly

Rear Yard - 25' req - 29.5' scaled

Side Yard - Normally 14', However may reduce one side to no less than 8 feet if for every required foot taken 2ft, it shall be added to the other side 2 Story 9' shown on Rt side, so 19' required on left side - 9' & 30' shown

Projections - NO Decks NO Porches - No Bulkheads

Width of Lot - 75 req - 92 Scaled At least Dont

Height - 35' MAX - 29.5' scaled to ridge

Lot Area - 6,500 sq ft 7846 sq ft

Lot Coverage/ Impervious Surface - 25% MAX of 1961.5 sq ft MAX

Area per Family - 6,500 sq ft

Off-street Parking - 2 req states That One CAR garaged only shows 1 space revised 1/17/03 to show 2 cars

28 x 32 = 896

22 x 22 = 484

1380 sq ft

Loading Bays - N/A

Site Plan - minor/minor 2002-0222

Shoreland Zoning/ Stream Protection - N/A

Flood Plains - panel 13 - Zone C

11/22/02 received Deed Description

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

2002-0222
Application I. D. Number

10/11/2002
Application Date

Teal Limited Liability Company
Applicant

286 Falmouth Road, Falmouth, ME 04105
Applicant's Mailing Address

#28 Wayne St.

~~30 Wayne Street~~ #28 Wayne St
Project Name/Description

Teal Limited Liability Company
Consultant/Agent

~~16-18 Wayne St, Portland, Maine~~
Address of Proposed Site

Applicant Ph: (207) 781-3224 **Agent Fax:**
Applicant or Agent Daytime Telephone, Fax

177 I01 001
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) **Modular home**

2276	**7870**	
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	☐ HistoricPreservation	☐ DEP Local Certification
☐ Zoning Conditional Use (ZBA/PB)	☐ Zoning Variance		☐ Other ____

Fees Paid: Site Plan **$50.00** Subdivision ____ Engineer Review **$250.00** Date **10/15/2002**

DRC Approval Status:

☐ **Approved** [redacted] ☐ **Denied**

See Attached

Revised Site Plans Attached

[redacted] Approval Expiration **10/25/2003** Extension to ____ ☑ Additional Sheets Attached

☑ Condition Compliance **Jay Reynolds** (signature) **10/25/2002** (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	

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

2002-0222
Application I. D. Number

10/11/2002
Application Date

30 Wayne Street
Project Name/Description

Teal Limited Liability Company
Applicant

286 Falmouth Road, Falmouth, ME 04105
Applicant's Mailing Address

Teal Limited Liability Company
Consultant/Agent

Applicant Ph: (207) 781-3224 **Agent Fax:**
Applicant or Agent Daytime Telephone, Fax

28
~~18-48~~ **Wayne St, Portland, Maine**
Address of Proposed Site

177 I017001 (77-I-018)
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 28 WAYNE STREET, the number must be displayed on the street frontage of your house prior to issuance of a Certificate of Occupancy.

4 The Development Review Coordinator (874-8632) must be notified five (5) working days prior to date required for final site inspection. Please make allowances for completion of site plan requirements determined to be incomplete or defective during the inspection. This is essential as all site plan requirements must be completed and approved by the Development Review Coordinator prior to issuance of a Certificate of Occupancy. Please schedule any property closing with these requirements in mind.

5 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.

6 A street opening permit(s) is required for your site. Please contact Carol Merritt ay 874-8300, ext. 8822. (Only excavators licensed by the City of Portland are eligible.)

7 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.

8 The site contractor shall establish finish grades at the foundation, bulkhead and basement windows to be in conformance with the first floor elevation (FFE) and sill elevation (SE) set by the building contractor to provide for positive drainage away from entire footprint of building.

9 The Development Review Coordinator reserves the right to require additional lot grading or other drainage improvements as necessary due to field conditions.

SCHEDULE A

30 WAYNE STREET

A certain parcel of land situated on the northeasterly side of Wayne Street, in the City of Portland, County of Cumberland and State of Maine as shown on a plan entitled "Site Plan on 30 Wayne Street, Portland Maine Made for Robert Adam" dated October 8, 2002 drawing #2 by Owen Haskell, Inc. being bounded and described as follows:

Beginning on the northeasterly sideline of Wayne Street at a point S 46° 53' 22" E and 99.00 feet from the most southerly corner of land now or formerly of Doherty, Reference Book 8935, Page 89;

Thence N 42° 00' 00" E 82.53 feet;

Thence S 46° 53' 22" E 83.27 feet;

Thence S 25° 43' 51" W 86.46 feet to said sideline of Wayne Street;

Thence N 46° 53' 22" W along said sideline 107.50 feet to the Point of Beginning, containing 7870 square feet, more or less.

Being Lot 15 on a plan for Samuel Butterfield dated August 1856 and recorded in the Cumberland County Registry of Deeds in Plan Book 4, Page 14.

CONFIRMATION DEED

QUITCLAIM DEED WITH COVENANT
(Maine Statutory Short Form)

Teal Limited Liability Company, a Maine Limited Liability Company, having a mailing address of 286 Falmouth Road, Falmouth, Maine

For Consideration Paid, GRANTS TO:

Teal Limited Liability Company, a Maine Limited Liability Company, having a mailing address of 286 Falmouth Road, Falmouth, Maine 04105, with Quitclaim Covenant, the land together with any buildings or improvements thereon in Portland, Cumberland County, State of Maine, described on Schedule A attached.

Being a portion of the same premises conveyed to the Grantor herein by Deed of John H. Rich, Jr., , dated July 26, 2002 and recorded in the Cumberland County Registry of Deeds in Book 17898, Page 211.

IN WITNESS WHEREOF, the said Teal Limited Liability Company, has caused this instrument to be signed and sealed by Robert L. Adam, a Member thereunto duly authorized this 13th day of November, 2002.

TEAL LIMITED LIABILITY COMPANY

By Robert L Adam
Its Member

THE STATE OF MAINE Cumberland, ss November 13, 2002

Then personally appeared the above-named Robert L. Adam, of Teal Limited Liability Company and acknowledged the foregoing instrument to be his free act and deed in his said capacity and the free act and deed of said Company.

Before me,
Attorney at Law/~~Notary Public~~
Alan C. Wolf

STONE WALL

22' x 22'
GARAGE

FINISHED FLOOR=79.5

PAVED DRIVE

LOT 15
7,870 S.F. ±

93.77'

83.27'

N46°53'22"W

28' x 32'
2 STORY
COLONIAL

TOP OF FOUNDATION=81.0'

107.50'
N46°53'22"W

RIM=77.06
INV.IN=69.06
INV.OUT=68.76

3/4"IPF

TBM
PK NAIL
EL=77.34

OHW

W

SS

SD

30' EASEMENT

IRON POSTS (TYP)

S42°00'00"W

82.53'

2" STREET
TREE

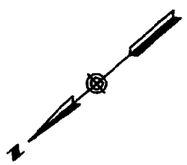
POSSIBLE LINE
OF OLD FENCE/
RETAINING WALL

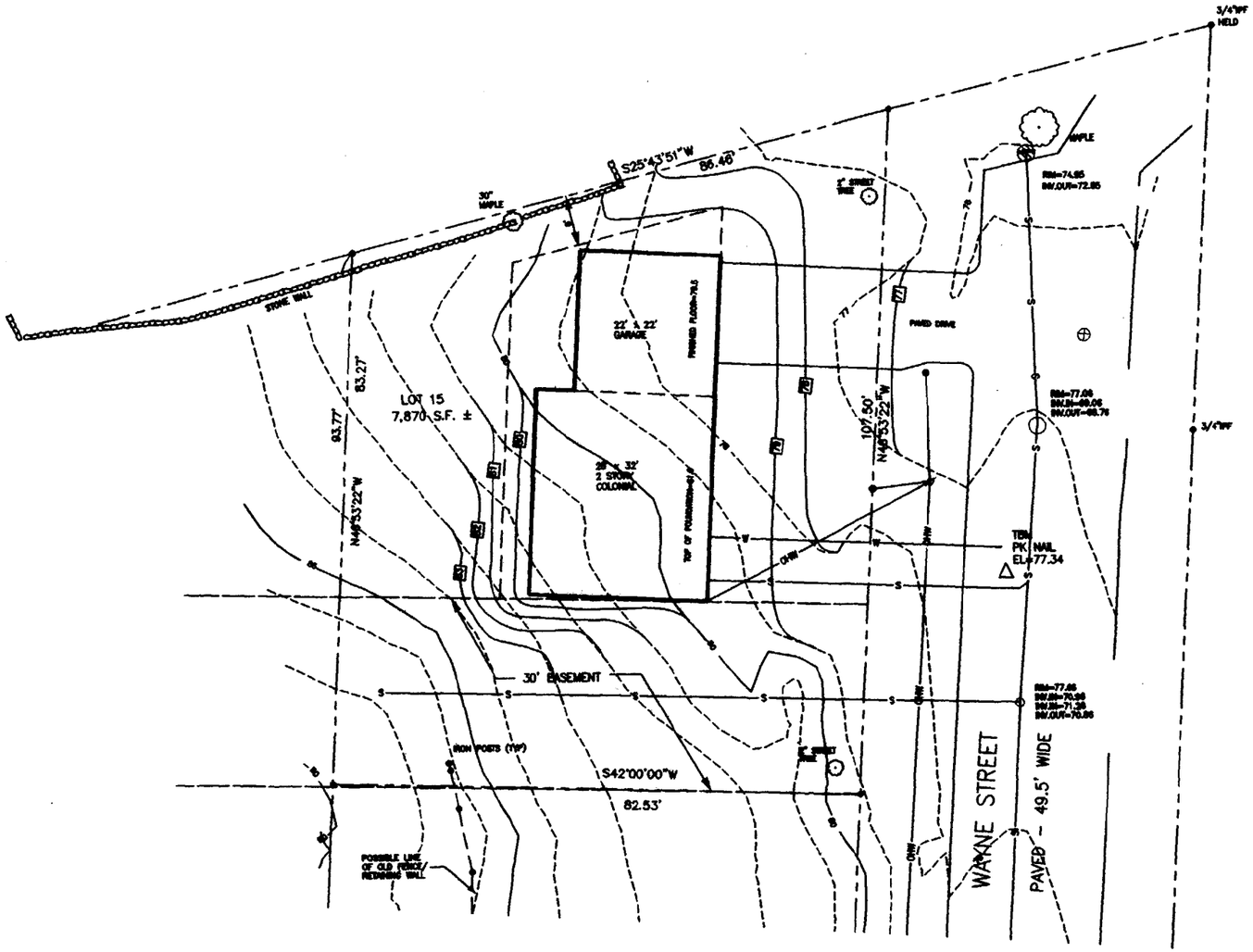
WAYNE STREET

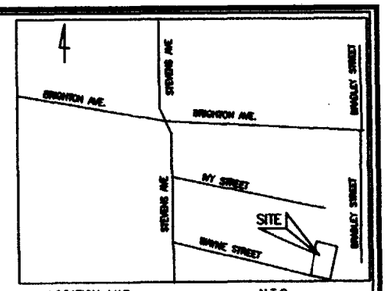
PAVED – 49.5' WIDE

RIM=77.66
INV.IN=70.96
INV.IN=71.26
INV.OUT=70.86

Received 1/5/2005







LOCATION MAP N.T.S.

LEGEND:

- IRON PIPE OR ROD FOUND
- IRON ROD TO BE SET
- WATER VALVE
- UTILITY POLE
- MANHOLE
- FENCE
- STONE WALL
- SEWER LINE
- OVERHEAD WIRES
- WATER SERVICE
- DECIDUOUS TREE
- PROPOSED CONTOUR
- PROPOSED BUILDING
- PROPOSED TREE

GRAPHIC SCALE

NOTES:

1. OWNER OF RECORD: JOHN H. RICH JR.
   HANNAFORD COVE,
   CAPE ELIZABETH, MAINE. 04107
2. PARCEL IS SHOWN AS LOT 18, BLOCK 1 ON THE CITY OF PORTLAND ASSESSORS MAP 177.
3. BEARINGS ARE PER PLAN REFERENCE 1.
4. PROJECT BENCHMARK DESIGNATED "H-163" ELEVATION 46.83 CITY DATUM.
5. PROJECT IS LOCATED IN ZONE R-3

MINIMUM LOT SIZE	6500 S.F.
*MINIMUM SETBACKS:	
FRONT	25'
SIDE	8'-14'
REAR	25'

6. CONTOURS SHOWN ARE BASED ON A FIELD SURVEY, CITY OF PORTLAND DATUM.

PLAN REFERENCES:

1. "A PLAN OF A PARCEL OF LAND IN WESTBROOK OWNED BY SAMUEL BUTTERFIELD" RECORDED IN PLAN BOOK 4 PAGE 14.
2. VARIOUS PLANS BY E.C. JORDAN (FILE NO. 520 AND 521).

CERTIFICATION:

OWEN HASKELL, INC. HEREBY CERTIFIES THAT THIS PLAN IS BASED ON, AND THE RESULT OF, AN ON THE GROUND FIELD SURVEY AND THAT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF, IT CONFORMS TO THE BOARD OF LICENSURE FOR PROFESSIONAL LAND SURVEYORS CURRENT STANDARDS OF PRACTICE.

10-08-02
DATE

JOHN H. SWAN PLS NO. 1038

SITE PLAN

ON

20 WAYNE STREET PORTLAND, MAINE

MADE FOR

ROBERT ADAM

OWEN HASKELL, INC.
16 CASCO ST., PORTLAND, ME 04101 (207)774-0424
PROFESSIONAL LAND SURVEYORS

Drwn By	WCS	Date	Job No.
Trace By	RWC	OCTOBER 08, 2002	2002-220P
Check By	JHS/WCS	Scale	Drwg. No.
Book No.	926	1" = 10'	2