

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

Permit Number: 030954

Please Read Application And Notes, if Any, Attached

This is to certify that Soley James J /no contractor self
has permission to renovate kitchen
AT 136 Island Ave 087 0023001

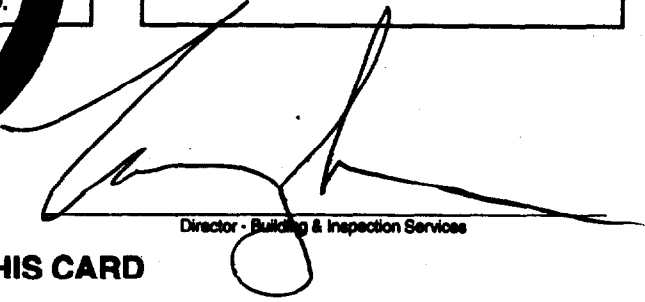
provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in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

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

Notification of inspection must be given and work on permit must be completed before this building or part thereof is occupied or otherwise used-in. **HOOR NOT REQUIRED.**

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

OTHER REQUIRED APPROVALS
Fire Dept. _____
Health Dept. _____
Appeal Board _____
Other _____
Department Name


Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

All Purpose Building Permit Application

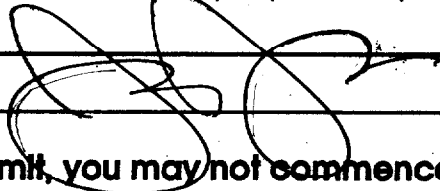
If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>136 ISLAND AVE, PEAKS IS.</u>		
Total Square Footage of Proposed Structure		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# <u>087</u> Block# <u>00</u> Lot# <u>023</u>	Owner: <u>JAMES J. SOLEY</u>	Telephone: <u>775-2252</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone:	Cost Of Work: \$ <u>7,200.00</u> Fee: \$ <u>93</u>
Current use: <u>SIF</u>		
If the location is currently vacant, what was prior use: _____		
Approximately how long has it been vacant: _____		
Proposed use: <u>SIF</u> <u>kitchen Reno</u>		
Project description: _____		
Contractor's name, address & telephone: <u>SELF / JAMES SOLEY</u>		
Who should we contact when the permit is ready: <u>"</u>		
Mailing address: <u>136 IS. AVE. PEAKS IS. 04108</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: _____		

TO
Tammy

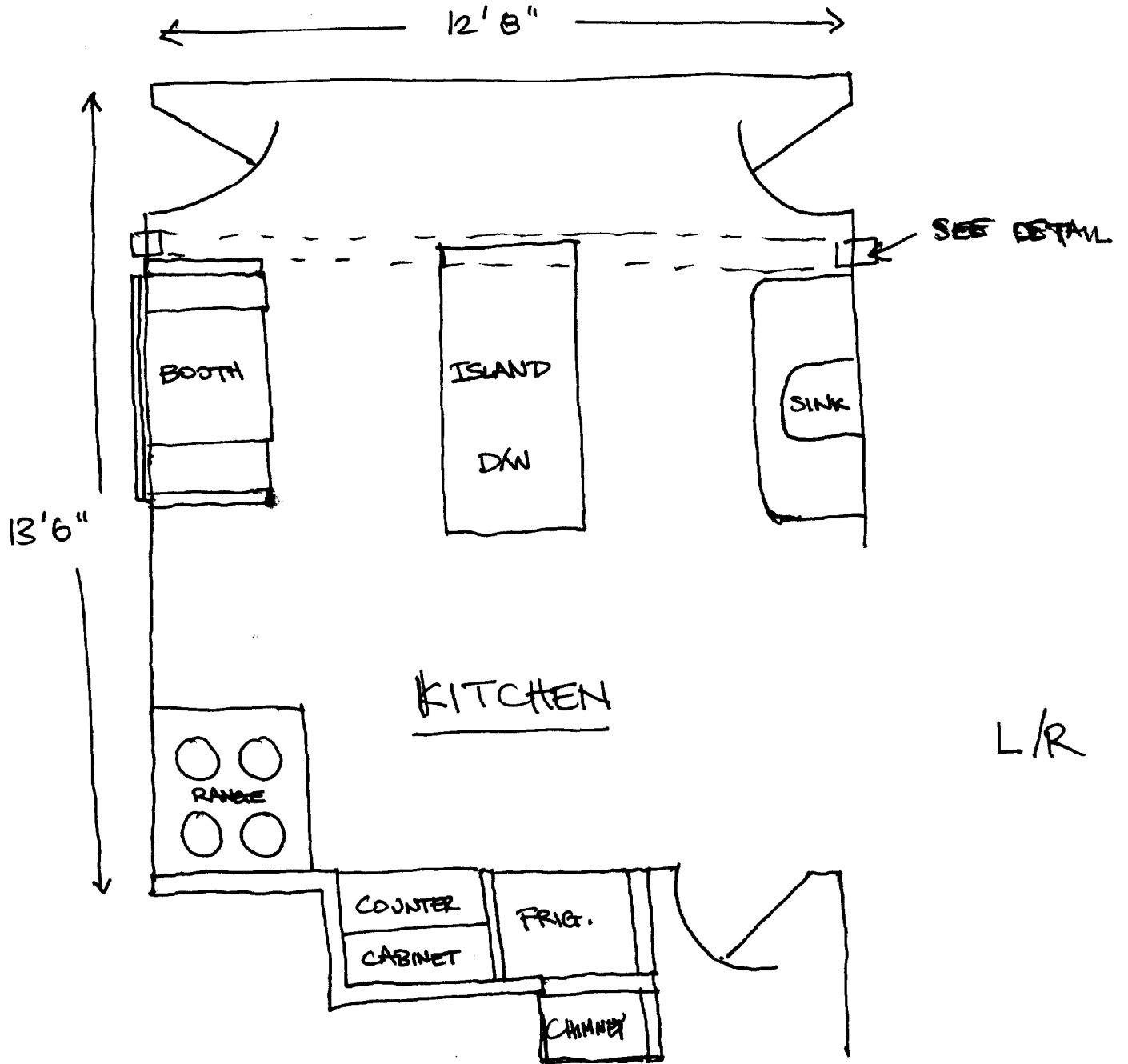
IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

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 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.

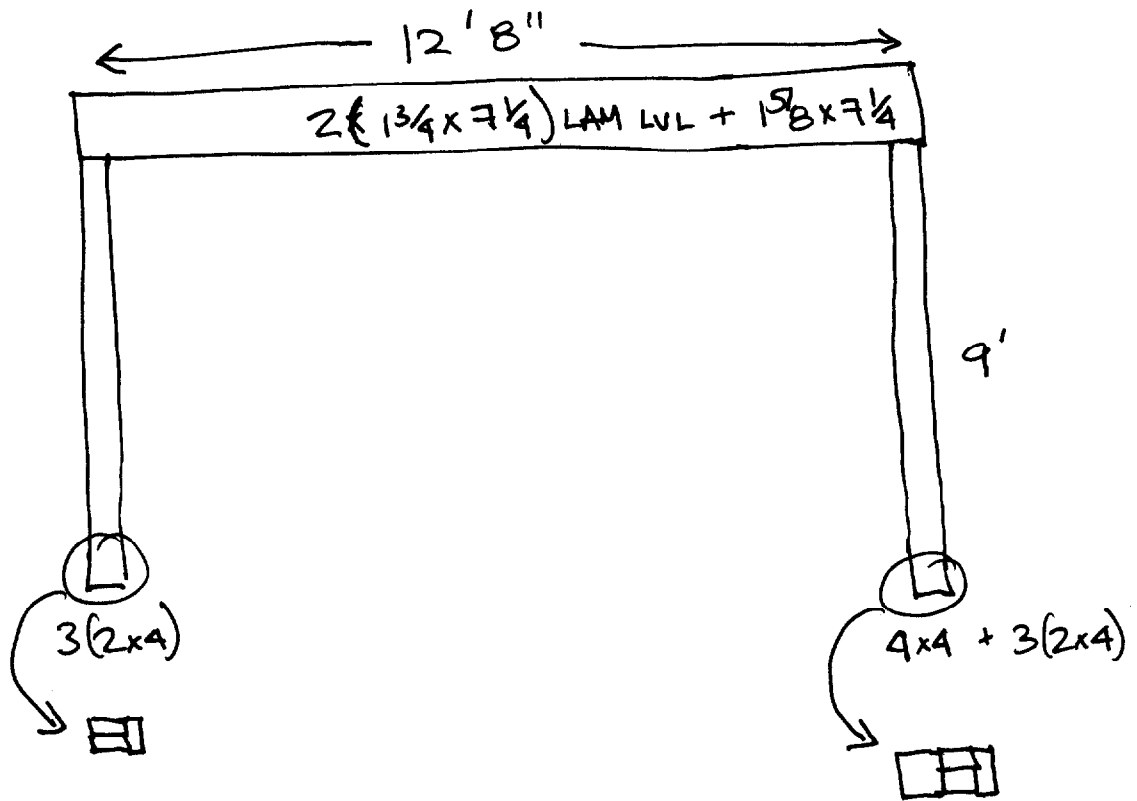
Signature of applicant: 	Date: <u>7/31/03</u>
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**This is NOT a permit, you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall**

WEST



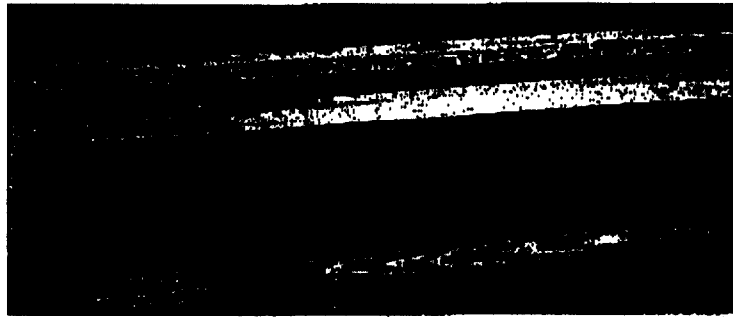
NO LIVE LOAD



WOOD I BEAM™ PERFORMANCE FEATURES

PERFORMANCE FEATURE	ADVANTAGE
• Wide Flange	• More mass, less vibration, easier nailing, wider support for subfloor panels
• Dimensionally stable	• Quieter floors, minimal squeaks and fewer call backs
• Wider spacing; fewer pieces to install	• Saves time, labor and materials cost
• More level floor system	• Helps prevent cracks in rigid flooring materials such as marble, slate and tile
• Can be field altered	• Easy to cut and install with no special tools required

AT LAST AN INDUSTRY STANDARD — PRI™-400



PRI™-400 is a performance-based standard from APA-The Engineered Wood Association designed to make I-joists simpler to specify, purchase and use. There's only one set of instructions to deal with, so framing crews can get up to speed rapidly. There's less chance for mistakes, since span ratings are clearly marked on each I-joist. With rated products, building inspectors can quickly evaluate product usage and installation. All GPI and WI Wood I Beam joists meet the PRI-400 standard for I-joists for residential floor construction.

Not Acceptable

THE STAMP

Short for "Performance-Rated" I-joist manufactured in conformance with APA® PRI-400.

The "on-center" spacing of I-joists in residential floors.

The span that can be achieved at the corresponding spacing for either single or multiple span applications.

11-7/8" PRI™ 80

SPACING	12"oc	16"oc	19.2"oc	24"oc
SINGLE SPAN	24'-11"	22'-5"	21'-4"	18'-11"
MULTIPLE SPAN	27'-1"	24'-5"	23'-3"	21'-8"

APA EWS
Performance Rated Wood Joists
for Above Residential Floors
CALL 800-541-9900

APPROVED BY:
BOCA BUILDING CODES
INTERNATIONAL
APRIL 1999 • 1001-0002

Engineered Lumber Residential Guide

System Performance

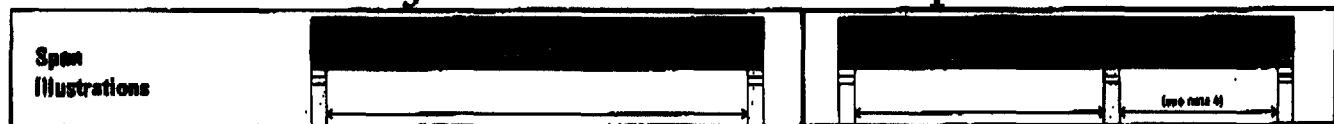
The ultimate goal in the design of a floor or roof system is the end user's safety and satisfaction. Although joists used at spans indicated in this guide meet or exceed minimum code criteria and will safely support the loads imposed on them, judgement must be used to adequately meet user expectation levels. These expectations may vary from one user to another.

- The specifier should consider the meaning of a given deflection limit in terms of allowable deflection and the effects this could have on the system. For example, L/360 (span/360) for a 30' span is 1" of deflection. L/240 would be 1-1/2" and L/180 would be 2" of deflection. Consideration might also be given to cases in which a joist with a long span parallels a short span or a foundation and wall. For example, a 30' span with up to 1" of allowable live load deflection could be adjacent to an end wall with no deflection, causing a noticeable difference in floor levels under full design load.
- A stiffer floor will result from using a live load deflection limit of L/480 versus the code minimum L/360. A roof system with less total load deflection than the code required L/180 may be achieved by using a criterion of L/240.
- In addition to more stringent deflection limits, several other factors may improve overall floor performance. Reducing joist spacing and/or increasing the subfloor thickness will

lessen deflection between adjacent joists and increase load sharing. For increased floor stiffness, we recommend gluing the subfloor to the joists before nailing or screwing rather than nailing alone. For additional stiffness, glue tongue and groove joints. Surfaces must be clean and dry before gluing.

- As with any construction, it is essential to follow proper installation procedures. Joists must be plumb and anchored securely to supports before system sheathing is attached. Supports for multiple span joists must be level. To minimize settlement when using hangers, joists should be firmly seated in the hanger bottoms. Leave a 1/8" gap between joist end and header.
- Vibrations may occur in floor systems with very thin dead load, as in large empty rooms. A ceiling attached to the bottom of the joists will generally dampen vibration as will interior partition walls running perpendicular to the joists. If a ceiling will not be attached to the bottom of the joists, vibration can be minimized by nailing a continuous 2 x 4 perpendicular to the bottom of the joists at midspan running from end wall to end wall. Where future finishing of the ceiling is likely, x-bracing or Wood I Beam blocking panels may be used in place of the 2 x 4.

GPI and WI Series Joists—Residential Floor Span Charts



40 PSF Live Load + 10 PSF Dead Load

Improved Performance¹ (L/480)

Joist	Joist Depth	Spacing (Simple Span)				Spacing (Multiple Span)			
		12' o.c.	16' o.c.	19.2' o.c.	24' o.c.	12' o.c.	16' o.c.	19.2' o.c.	24' o.c.
GPI 20	9 1/2"	17'-0"	16'-0"	14'-0"	13'-10"	16'-0"	17'-0"	16'-0"	14'-0"
	11 1/2"	20'-0"	18'-0"	17'-0"	16'-0"	22'-0"	20'-0"	18'-0"	16'-0"
GPI 40	9 1/2"	18'-0"	16'-0"	15'-0"	14'-0"	18'-0"	18'-0"	16'-0"	14'-0"
	11 1/2"	21'-0"	19'-0"	18'-0"	17'-0"	23'-0"	21'-10"	19'-0"	17'-0"
GPI 65	12"	24'-0"	22'-0"	21'-0"	19'-11"	26'-0"	23'-0"	21'-0"	18'-10"
	11 1/2"	23'-0"	21'-0"	20'-0"	19'-0"	25'-0"	23'-0"	21'-11"	20'-0"
WI 40	14"	20'-0"	24'-0"	23'-0"	21'-0"	23'-0"	21'-0"	20'-0"	20'-0"
	11 1/2"	18'-0"	16'-0"	15'-0"	14'-0"	18'-0"	17'-0"	16'-0"	14'-0"
WI 60	14"	21'-0"	19'-0"	18'-0"	16'-0"	23'-0"	19'-11"	18'-0"	16'-0"
	11 1/2"	22'-0"	20'-0"	19'-0"	18'-0"	24'-0"	22'-0"	21'-0"	19'-0"
WI 80	14"	23'-0"	23'-0"	22'-0"	20'-0"	26'-0"	25'-0"	23'-0"	21'-0"
	11 1/2"	22'-0"	20'-0"	19'-0"	18'-0"	24'-0"	22'-0"	21'-0"	19'-0"
WI 80	12"	23'-0"	23'-0"	24'-0"	22'-0"	30'-0"	28'-0"	26'-0"	23'-11"
	16"	31'-0"	28'-0"	26'-0"	25'-0"	34'-0"	31'-0"	28'-0"	23'-11"

40 PSF Live Load + 20 PSF Dead Load

Improved Performance¹ (L/480)

Joist	Joist Depth	Spacing (Simple Span)				Spacing (Multiple Span)			
		12' o.c.	16' o.c.	19.2' o.c.	24' o.c.	12' o.c.	16' o.c.	19.2' o.c.	24' o.c.
GPI 20	9 1/2"	17'-0"	15'-0"	14'-0"	13'-0"	16'-0"	16'-0"	14'-0"	13'-0"
	11 1/2"	20'-0"	18'-0"	17'-0"	15'-0"	21'-0"	18'-0"	17'-0"	15'-0"
GPI 40	9 1/2"	18'-0"	16'-0"	15'-0"	13'-0"	18'-0"	16'-0"	15'-0"	13'-0"
	11 1/2"	21'-0"	19'-0"	17'-0"	15'-0"	22'-0"	19'-0"	17'-0"	15'-0"
GPI 65	12"	24'-0"	21'-0"	19'-0"	17'-0"	24'-0"	21'-0"	18'-0"	17'-0"
	11 1/2"	23'-0"	21'-0"	20'-0"	18'-0"	25'-0"	23'-0"	21'-0"	17'-0"
WI 40	14"	20'-0"	24'-0"	23'-0"	21'-0"	23'-0"	21'-0"	20'-0"	17'-0"
	11 1/2"	18'-0"	16'-0"	15'-0"	12'-10"	18'-0"	16'-0"	14'-0"	12'-0"
WI 60	14"	21'-0"	20'-0"	18'-0"	16'-0"	23'-0"	20'-0"	18'-0"	16'-0"
	11 1/2"	22'-0"	20'-0"	18'-0"	17'-0"	24'-0"	21'-0"	18'-0"	16'-0"
WI 80	12"	23'-0"	23'-0"	21'-0"	18'-0"	27'-0"	23'-0"	20'-0"	18'-0"
	16"	31'-0"	28'-0"	25'-0"	23'-0"	34'-0"	29'-0"	26'-0"	23'-11"

NOTES:

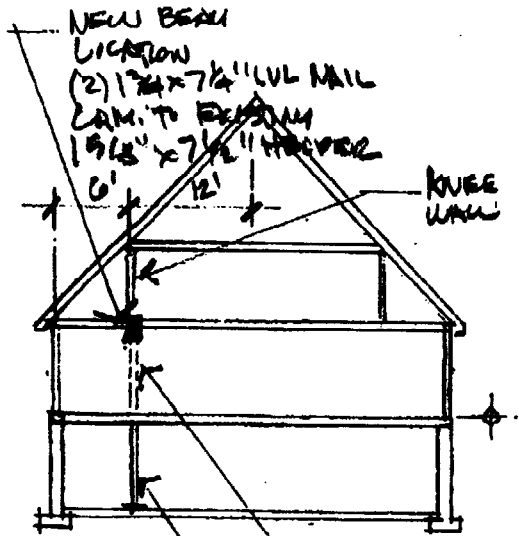
1. These span charts are based on uniform loads, as noted above; live load deflection is limited to L/480 for better performance. Floor performance is greatly influenced by the stiffness of the floor joists. Experience has shown that joists designed to the code minimum live load deflection (L/360) will result in a floor which may not meet the expectations of some end users. G-P strongly recommends floor spans for Wood I Beam joists be limited to those given above, which are based on L/480 live load deflection. (One-third stiffer than required by code.)
2. Spans are clear distances between supports, and are based on composite action with glued-nailed APA Rated Sheathing or Sturd-I-Floor of minimum thickness 19/32" (40/20 or 30 oc) for

joist spacing of 19.2" or less, or 23/32" (40/20 or 24 oc) for a joist spacing of 24". Adhesive must meet APA APG-81 or ASTM D3498. Apply a continuous line of glue (about 1/4" diameter) to top flange of joists. All surfaces must be clean and dry. If sheathing is nailed only (not recommended), reduce spans by 12".

3. Minimum end bearing length is 1-3/4". Minimum intermediate bearing length is 2-1/2".
4. End spans of multiple-span joists must be at least 40% of the adjacent span.
5. For loading other than that shown above, refer to Uniform Load Tables, use G-P FASTBeamSM selection software, or contact G-P Engineered Lumber Technical Services.
6. Not all products are available at all distribution centers; contact G-P for availability.

WEST

EXISTING PORCH
 TO BE PART OF
 THE KITCHEN
 ADDITION



SCHEMATIC HOUSE SECTION

(NO SCALE)

NOTE: NAIL LAMINATE BEAM
 12" O.C. HORIZONTAL
 (2 ROWS VERTICAL
 16 O.C.)

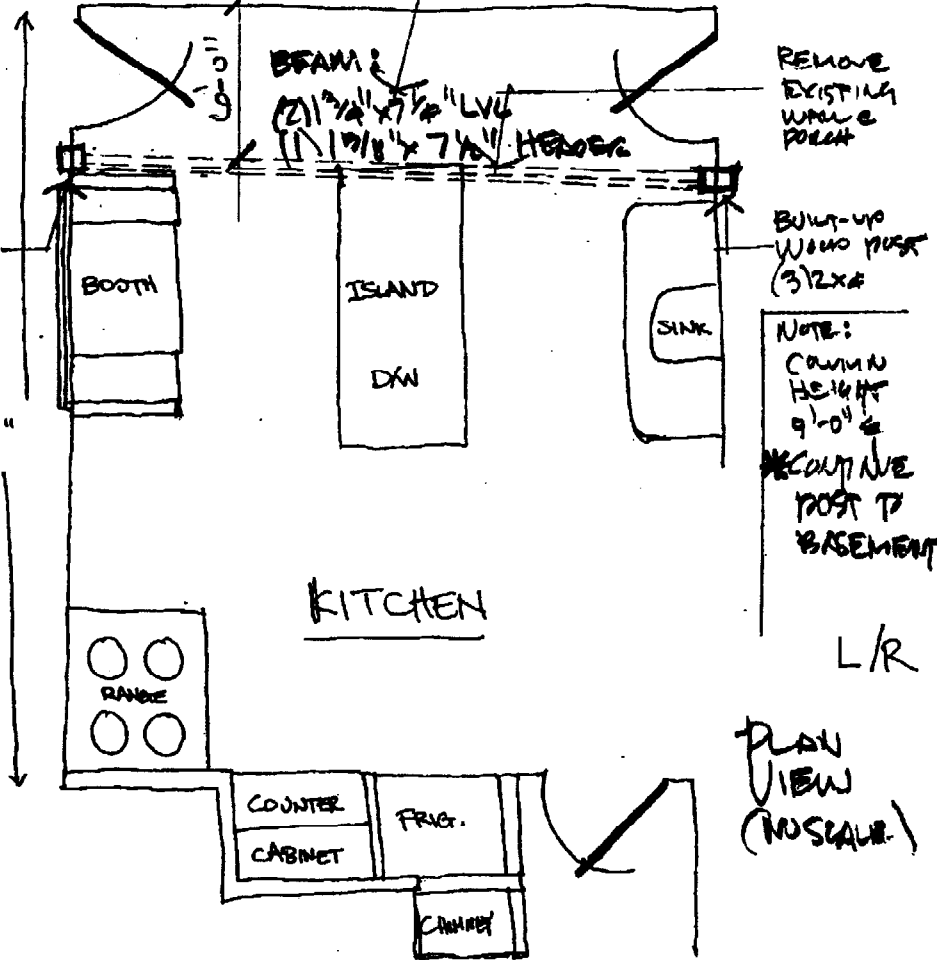
EXISTING WALL TO
 BE DEMO (NEW POST)
 CONTINUE POST TO
 BASEMENT (BEAR ON
 8" x 2" x 9/8" STL. PLATE)

FIRST FLOOR

BUILT-UP WOOD POST
 BEARING ON PORT N
 8" x 2"

13'6"

12'8" (BEAM SPAN)



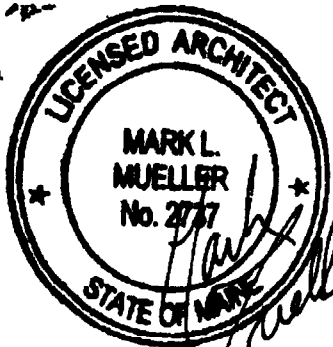
REMOVE
 EXISTING
 WALL &
 PORCH

BUILT-UP
 WOOD POST
 (3) 2 x 4

NOTE:
 COLUMN
 HEIGHT
 9'-0" &
 RECOUNT
 POST TO
 BASEMENT

L/R

PLAN
 VIEW
 (NO SCALE)



JAMES SOLEY

136 ISLAND AVE.
 PRAES ISLAND



**MARK
MUELLER
ARCHITECTS**

A.I.A.

**To: Portland Building
Inspectors Office**

From: Mark Mueller

Attr: ~~Jeanne Bourke~~

Tammy

Date: August 06, 2003

Fax: 874.8716

Pages: 2 w/ Cover

Phone:

Re: James Soley Renovation

- Urgent**
- For Review**
- Please Comment**
- Please Reply**

-Comments:-

100 Commercial Street
Suite 205
Portland, Maine 04101
Phone/Fax 207.774.9057
E-mail: mm.arch@rcn.com

XX
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