

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

## BUILDING INSPECTION

### PERMIT

Permit Number: 070043

Please Read  
Application And  
Notes, if Any,  
Attached

This is to certify that UNDERWOOD MARILYN Neal Johnson  
has permission to Remove interior wall & replace w/ LVL beam, build out new room  
AT 45 PYA RD 140 E022001

DEPT. OF BUILDING INSPECTION  
PERMIT ISSUED  
JAN 17 2007  
CITY OF PORTLAND

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

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

Notification of inspection must be given and when permission is procured before this building or part thereof is occupied or services closed-in. 4  
YOUR NOTICE IS REQUIRED.

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

#### OTHER REQUIRED APPROVALS

Fire Dept. \_\_\_\_\_  
Health Dept. \_\_\_\_\_  
Appeal Board \_\_\_\_\_  
Other \_\_\_\_\_  
Department Name

1/12/07 *Chet...*  
Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

**City of Portland, Maine - Building or Use Permit Application**

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

Permit No: 07-0043	Issue Date:	CBL: 140 E022001
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Location of Construction: 45 PYA RD	Owner Name: UNDERWOOD MARILYN C	Owner Address: 45 PYA RD	Phone:
Business Name:	Contractor Name: Neal Johnson	Contractor Address: Eastbrook	Phone 2075653434
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Dwellings	Zone: R3

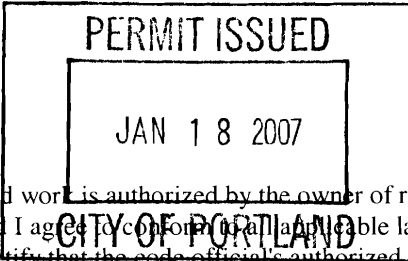
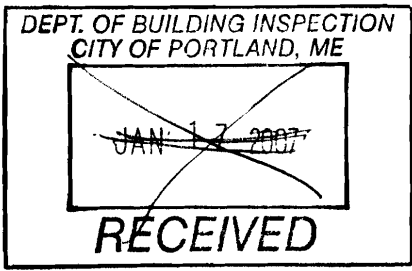
Past Use: Single Family	Proposed Use: Single Family remove interior wall & replace w/ LVL beam, build out new bathroom	Permit Fee: \$70.00	Cost of Work: \$5,000.00	CEO District: 4
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R-3 Type: 5B <i>JRL-2003</i> <i>Chapman 1/7/07</i>	

Proposed Project Description: Remove interior wall & replace w/ LVL beam, build out new bathroom	Signature:	Signature: <i>Chapman 1/7/07</i>
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature:		Date:

Permit Taken By: dmartin	Date Applied For: 01/11/2007	<b>Zoning Approval</b>
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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..

Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <i>all interior</i> <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>01/11/07</i> <i>Dr. Williams ASU</i>	<input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	<input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied <i>ASU</i> 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

**City of Portland, Maine - Building or Use Permit**

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

<b>Permit No:</b> 07-0043	<b>Date Applied For:</b> 01/11/2007	<b>CBL:</b> 140 E022001
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<b>Location of Construction:</b> 45 PYA RD	<b>Owner Name:</b> UNDERWOOD MARILYN C	<b>Owner Address:</b> 45 PYA RD	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Neal Johnson	<b>Contractor Address:</b> Eastbrook	<b>Phone</b> (207) 565-3434
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Alterations - Dwellings	

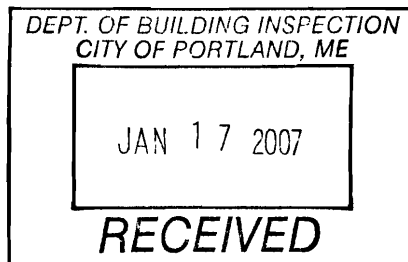
<b>Proposed Use:</b> Single Family remove interior wall & replace w/ LVL beam, build out new bathroom	<b>Proposed Project Description:</b> Remove interior wall & replace w/ LVL beam, build out new bathroom
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**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Ann Machado      **Approval Date:** 01/11/2007  
**Note:** **Ok to Issue:**

- 1) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 2) 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:** Chris Hanson      **Approval Date:** 01/12/2007  
**Note:** **Ok to Issue:**

- 1) Separate permits are required for any electrical, plumbing, or HVAC systems. Separate plans may need to be submitted for approval as a part of this process.
- 2) The design load spec sheets for any engineered beam(s) must be submitted to this office.
- 3) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.
- 4) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.





# General Building Permit Application

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

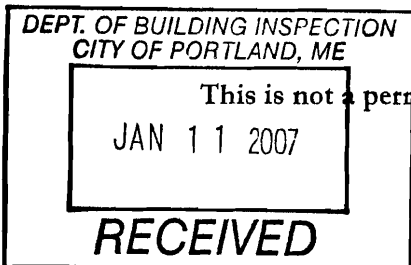
Location/Address of Construction: <u>45 PYA ROAD</u>		
Total Square Footage of Proposed Structure		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart#      Block#      Lot#	Owner:	Telephone:
<u>140      E      22</u>	<u>MARILYN C. UNDERWOOD</u>	<u>773 3620</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone:	Cost Of Work: \$ <u>5000.00</u>
	<u>MARILYN C. UNDERWOOD</u> <u>45 PYA ROAD</u> <u>PORTLAND, ME 04103</u> <u>207-773 3620</u>	Fee: \$ <u>10.</u>
		CofO Fee: \$ <u>NA</u>
Current Specific use: <u>SINGLE FAMILY HOUSE</u>		
If vacant, what was the previous use? _____		
Proposed Specific use: _____		
Project description: <u>interior wall between 2 adjacent first floor rooms to be removed</u> <u>and replaced with LVL beam.</u> <u>bathroom to be constructed</u>		
Contractor's name, address & telephone: <u>Neal Johnson, Eastbrook, ME 565-3434</u>		
Who should we contact when the permit is ready: <u>MARILYN C. UNDERWOOD</u>		
Mailing address: <u>45 PYA ROAD</u> <u>PORTLAND, ME 04103</u>		Phone: <u>773-3620</u>

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

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

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

Signature of applicant: Marilyn C. Underwood Date: 1/10/07



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

# 434

RightFAX

1/10/2007 3:02 PAGE 1/1 RightFAX



**Single 3-1/2" x 9-1/2" VERSA-LAM® 2.0 3100 DF**

**Floor Beam\FB01**

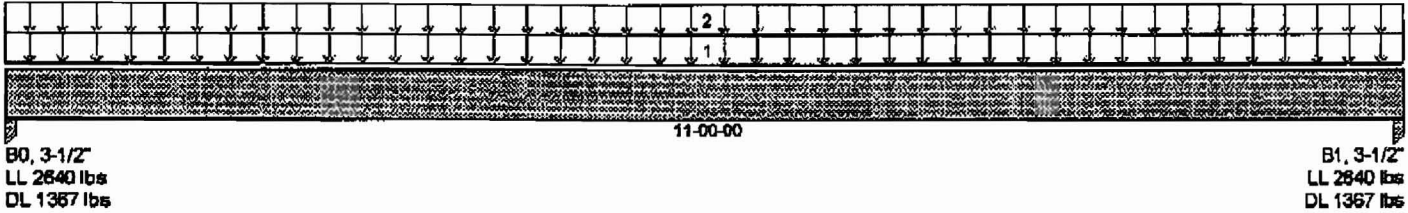
BC CALC® 9.3 Design Report - US  
Build 057

1 span | No cantilevers | 0/12 slope

Wednesday, January 10, 2007 15:01

Job Name: underwood job  
Address:  
City, State, Zip: portland, me  
Customer:  
Code reports: ESR-1040

File Name: BC CALC Project  
Description: FB01  
Specifier: hancock lbr- clete boothby  
Designer: MDB  
Company: WSI  
Misc: center beam for second floor



Total Horizontal Product Length = 11-00-00

Load Summary					Live	Dead	Snow	Wind	Roof Live		
Tag	Description	Load Type	Ref.	Start	End	100%	90%	115%	133%	125%	Trib.
1	Standard Load	Unf. Area (psf)	Left	00-00-00	11-00-00	40	10				12-00-00
2		Unf. Area (psf)	Left	00-00-00	11-00-00	0	10				12-00-00

Controls Summary	Value	% Allowable	Duration	Load Case	Span Location
Pos. Moment	10120 ft-lbs	72.5%	100%	1	1 - Internal
End Shear	3218 lbs	50.9%	100%	1	1 - Left
Total Load Defl.	L/313 (0.405")	76.8%		1	1
Live Load Defl.	L/474 (0.267")	75.9%		1	1
Max Defl.	0.405"	40.5%		1	1
Span / Depth	13.3	n/a			1

**Disclosure**

Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with current Installation Guide and applicable building codes. To obtain Installation Guide or ask questions, please call (800)232-0788 before installation.

Bearing Supports		Dim. (L x W)	Value	% Allow Support	% Allow Member	Material
B0	Post	3-1/2" x 3-1/2"	4007 lbs	n/a	43.6%	Unspecified
B1	Post	3-1/2" x 3-1/2"	4007 lbs	n/a	43.6%	Unspecified

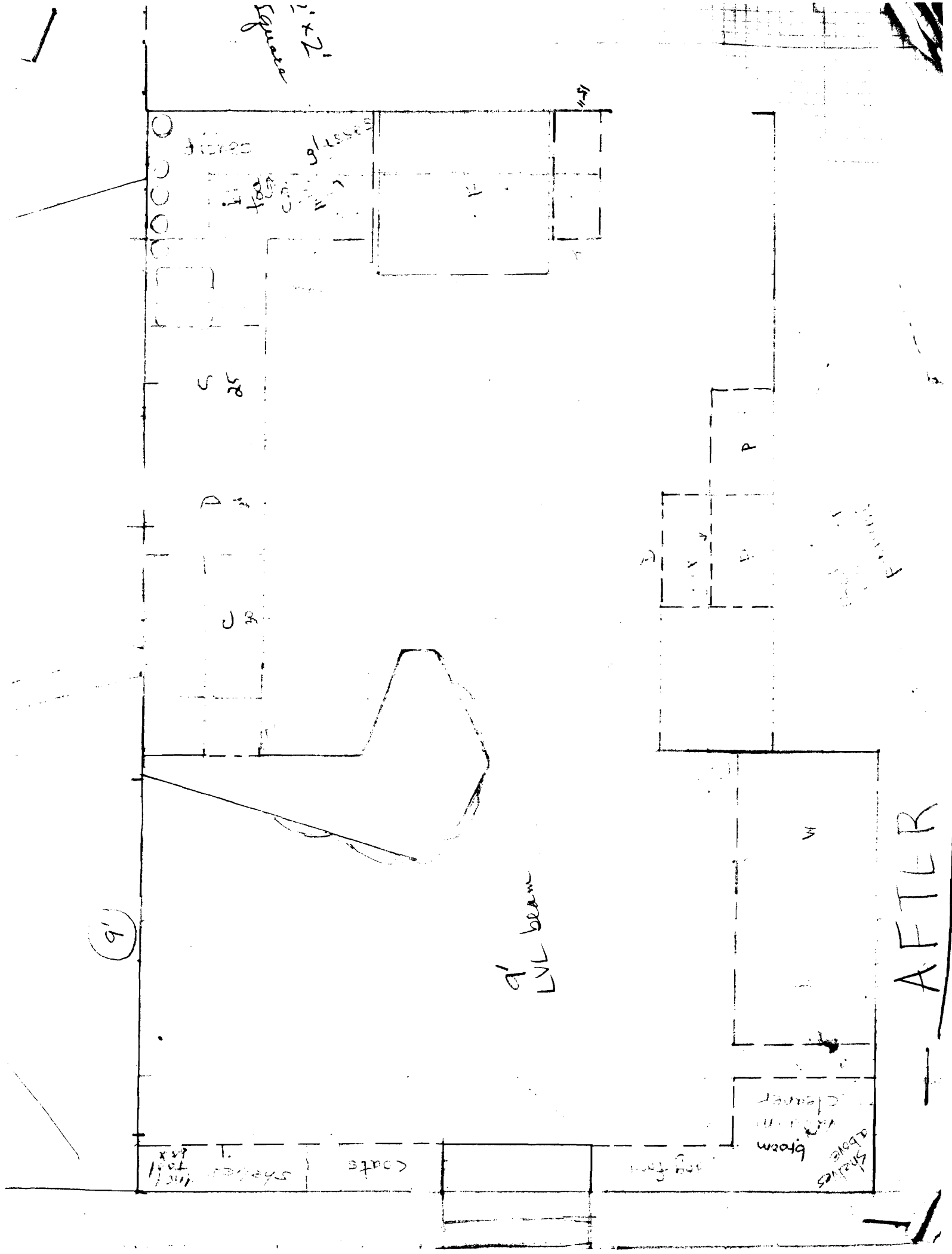
BC CALC®, BC FRAMER®, AJS™, ALLJOIST®, BC RIM BOARD™, BCI®, BOISE GLULAM™, SIMPLE FRAMING SYSTEM®, VERSA-LAM®, VERSA-RIM PLUS®, VERSA-RIM®, VERSA-STRAND®, VERSA-STUD® are trademarks of Boise Wood Products, LLC.

**Cautions**

Column at Bearing B0 analyzed for bearing only, column analysis has not been performed.  
Column at Bearing B1 analyzed for bearing only, column analysis has not been performed.

**Notes**

Design meets Code minimum (L/240) Total load deflection criteria.  
Design meets Code minimum (L/360) Live load deflection criteria.  
Design meets arbitrary (1") Maximum load deflection criteria.



Square  
2x2

9'

LVL beam

AFTER

SHELF  
TOOL

SHELF  
TOOL

CLO

CLO

SHELF  
TOOL  
CLO

SHELF  
TOOL

S

S

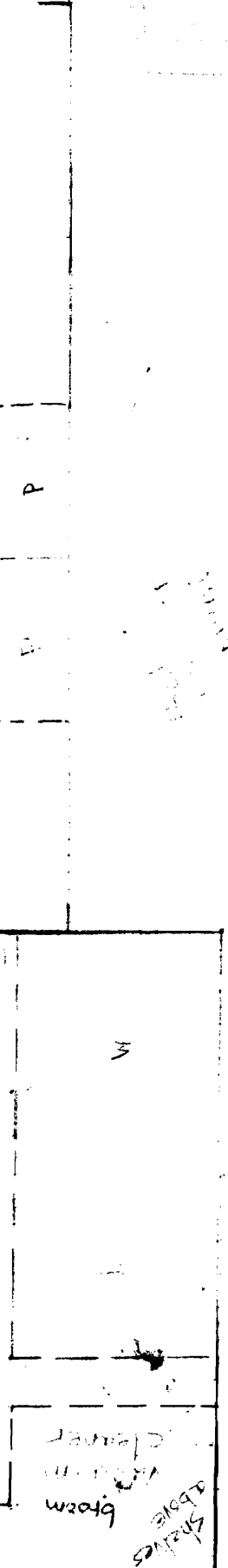
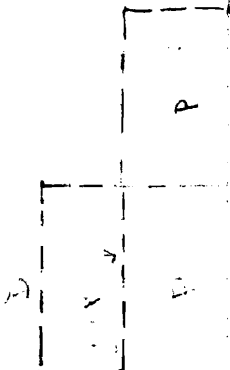
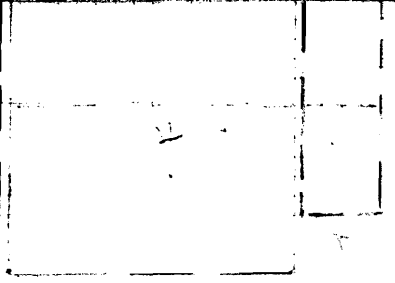
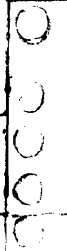
D

C

P

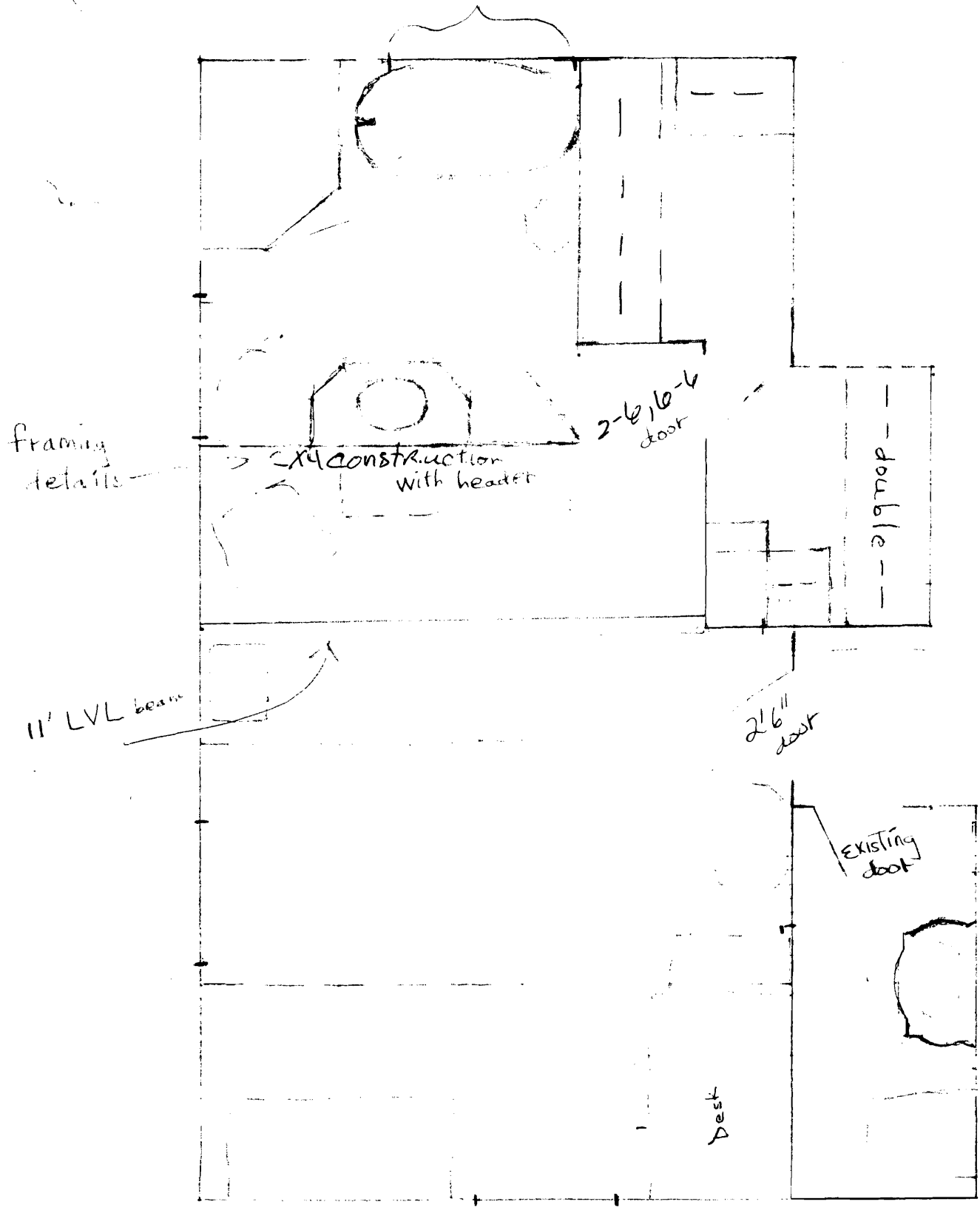
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N



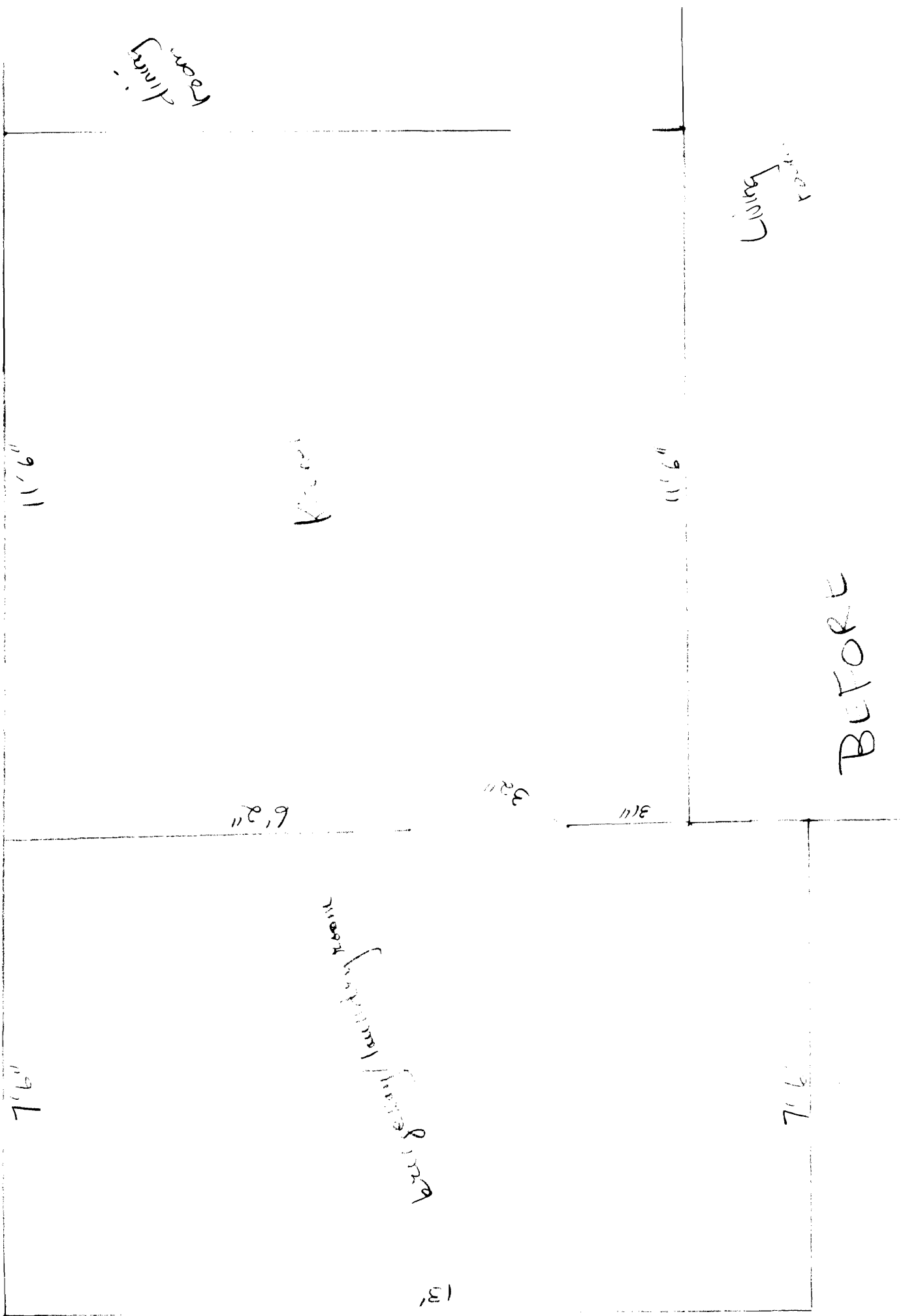
# AFTER

interior  
hinged, tempered glass  
window to be installed to  
height of 60" from floor



\* all exterior walls and all exterior windows are to remain unchanged

3' x 3' / square



Living room

Living room

Kitchen

BEFORE

11'6"

9'6"

6'2"

3'11"

7'6"

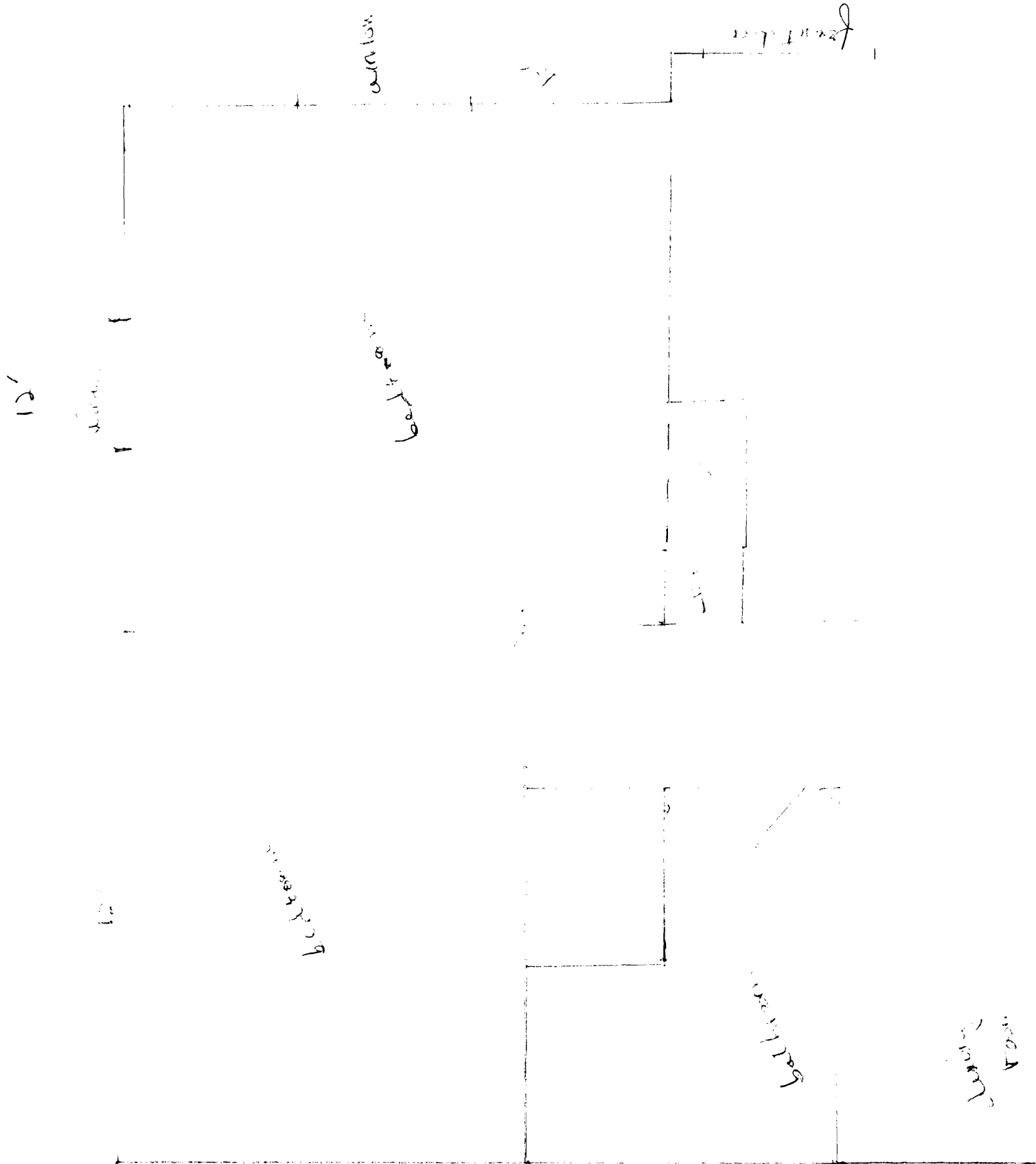
7'6"

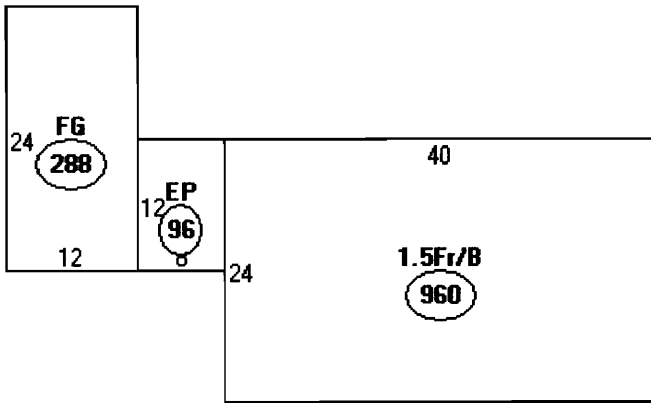
Living room

13'



BEFORE





Descriptor/Area

A: 1.5Fr/B  
960 sqft

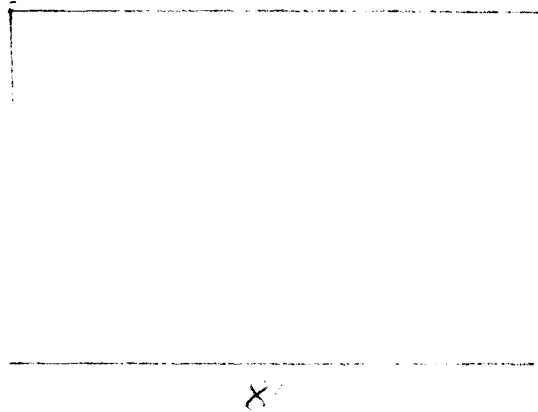
B: EP  
96 sqft

C: FG  
288 sqft



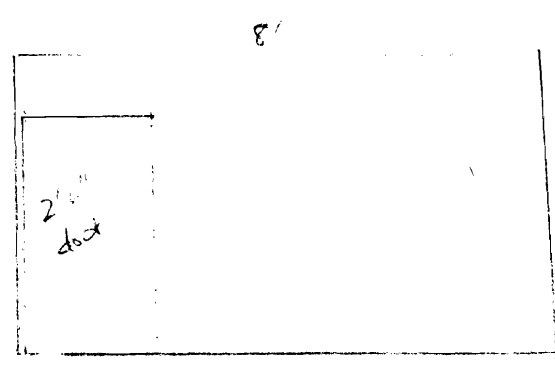
New interior walls  
with 2x4 construction

new  
bathroom  
wall



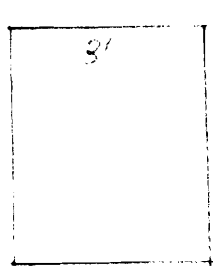
7'9 1/2" height

new  
bathroom  
wall with  
door



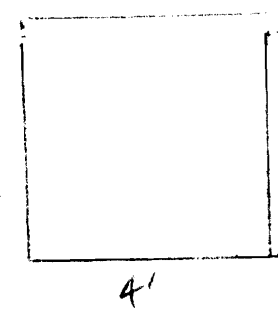
7'9 1/2"

new  
closet  
wall



7'9 1/2"

new  
closet  
wall



7'9 1/2"