

City of Portland, Maine - Building or Use Permit Application

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

PERMIT ISSUED

Permit No: 02-0062	Issue Date: FEB 5 2002	CBL: 430 A019001
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Location of Construction: 20 Berwick St	Owner Name: Chapman Andrew W &	Owner Address: 20 Berwick St	Phone: 207-879-0069
Business Name: n/a	Contractor Name: no contractor/self	Contractor Address: n/a n/a	Phone: -
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Alterations - Dwellings	Zone:

Past Use: Single Family	Proposed Use: Single Family / Amendment to permit # 01-0554. Window changes, gas fire, bath revision and delete bedroom.	Permit Fee: \$30.00	Cost of Work: \$0.00	CEO District: 2
Proposed Project Description: Amendment to Permit # 01-0554. Alterations		FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied <i>N/A</i>		INSPECTION: Use Group: <i>R-3</i> Type: <i>SB</i> <i>BOCA 1991</i>
		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)	
Action: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	Signature: <i>[Signature]</i> Date:

Permit Taken By: gg	Date Applied For: 01/22/2002	Zoning Approval
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<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. 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 <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <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>2/4/02</i>	Zoning Appeal <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:	Historic Preservation <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 Date: <i>2/4/02</i>
	<div style="display: flex; justify-content: space-between;"> <div><i>[Signature]</i></div> <div><i>[Signature]</i></div> <div><i>[Signature]</i></div> </div>		

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

22 0063

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>20 Berwick Street</u>		
Total Square Footage of Proposed Structure		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# <u>430</u> Block# <u>A 019001</u> Lot# <u>22 21</u>	Owner: <u>Andrew W. & Betty L Chapman</u>	Telephone: <u>207-879-0069</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>Andrew Chapman</u> <u>20 Berwick St.</u> <u>Portland, ME</u> <u>879 0069</u>	Cost Of <u>reduction</u> Work: \$ <u>11000</u> Fee: \$ <u>30-</u>
Current use: <u>Single Family residence</u> If the location is currently vacant, what was prior use: _____ Approximately how long has it been vacant: _____ Proposed use: <u>Single Family</u>		
Project description: <u>pln changes for permit # 01-0554</u> <u>Window changes, gas fire, bath revision, delete bedroom</u>		
Contractor's name, address & telephone: <u>SELF</u> Who should we contact when the permit is ready: <u>Andrew Chapman</u> Mailing address: <u>Same</u> <div style="text-align: right;">Phone: <u>879 0069</u></div>		

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: <u>Andrew Chapman</u>	Date: <u>1/21/02</u>
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This is not a permit, you may not commence ANY work until the permit is issued

JAN 22 2002

City of Portland, Maine - Building or Use Permit Application

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

PERMIT ISSUED

Permit No: 01-0554	Issue Date: MAY 29 2001	CBL: 430 A019001, 22, 24
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Location of Construction: 20 Berwick St	Owner Name: Chapman Andrew W &	Owner Address: 20 Berwick St Portland, ME 04103	Phone: 207-879-0069
Business Name: n/a	Contractor Name: no contractor/self	Contractor Address: n/a n/a	Phone: 2078790069
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Additions - Dwellings	Zone: R-3

Past Use: Single Family	Proposed Use: Same: Build 14' X 33' Addition. Call Andrew Berwick at 879-0069 when ready.	Permit Fee: \$300.00	Cost of Work: \$46,000.00	CEO District: 2	12,050 ⁺
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Proposed Project Description: Build 14' X 33' Addition.	FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: A-3 Type: 5B. MOORE/BOYER WITH REQUIREMENTS
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Signature:	Signature:
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)	
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	Date:

Permit Taken By: cih	Date Applied For: 05/18/2001	Zoning Approval
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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 <input type="checkbox"/> Shoreland <i>outside the 250' rule</i> <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <i>to remain a single family</i> <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>5/25/01</i>	Zoning Appeal <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:	Historic Preservation <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 Date:
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PERMIT ISSUED
WITH REQUIREMENTS

CERTIFICATION

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SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
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RESPONSIBLE PERSON IN CHARGE OF WORK. TITLE	DATE	PHONE
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City of Portland, Maine - Building or Use Permit Application

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

PERMIT ISSUED

Permit No:

01-05 MAY

Issue Date:

29 2001

CBL:

430 A019001

Location of Construction:

20 Berwick St

Owner Name:

Chapman Andrew W &

Owner Address:

20 Berwick St Portland ME 04101

Phone:

207-879-0069

Business Name:

n/a

Contractor Name:

no contractor/self

Contractor Address:

n/a n/a

Phone

2078790069

Lessee/Buyer's Name

n/a

Phone:

n/a

Permit Type:

Additions - Dwellings

Zone:

R-3

Past Use:

Single Family

Proposed Use:

Same: Build 14' X 33' Addition.
Call Andrew Berwick at 879-0069
when ready.

Permit Fee:

\$300.00

Cost of Work:

\$46,000.00

CEO District:

2

12,050#

FIRE DEPT:

☐ Approved

☐ Denied

INSPECTION:

Use Group: A-3

Type: 5B

NO PERMIT ISSUED
WITH REQUIREMENTS

Signature:

Signature:

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action:

☐ Approved

☐ Approved w/Conditions

☐ Denied

Signature:

Date:

Permit Taken By:

cih

Date Applied For:

05/18/2001

Zoning Approval

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.
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Special Zone or Reviews

☐ Shoreland

☐ Wetland

☐ Flood Zone

☐ Subdivision

☐ Site Plan

Maj ☐ Minor ☐ MM ☐

Date:

outside the
250' overlay

to remain
a single
family

5/25/01

Zoning Appeal

☐ Variance

☐ Miscellaneous

☐ Conditional Use

☐ Interpretation

☐ Approved

☐ Denied

Date:

Historic Preservation

☒ Not in District or Landmark

☐ Does Not Require Review

☐ Requires Review

☐ Approved

☐ Approved w/Conditions

☐ Denied

Date:

PERMIT ISSUED
WITH REQUIREMENTS

CERTIFICATION

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SIGNATURE OF APPLICANT

ADDRESS

DATE

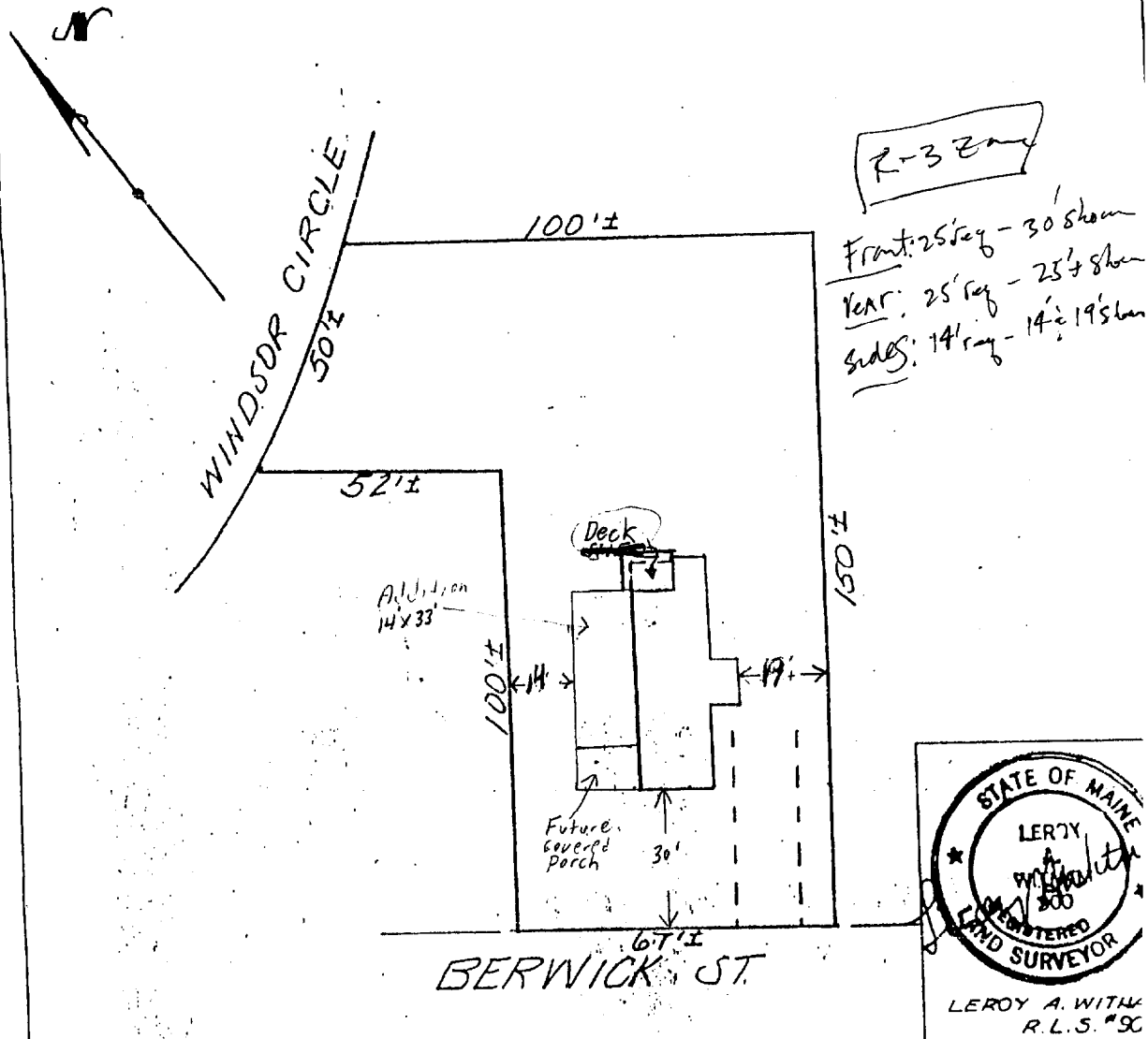
PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE

DATE

PHONE

Location of Addition at 20 Berwick St.



I CERTIFY TO
 THE BOSTON FIVE MORTGAGE CORP. & TICOR TITLE INSURANCE CO.
 THAT THIS PLAN DEPICTS THE RESULTS OF A CURRENT EXAMINATION OF THE PREMISES
 DESCRIBED IN RECORD BOOK 1025 PAGE 098 OF THE CLUMBERLAND REGISTRY OF DEEDS
 AND THAT ALL EASEMENTS, ENCROACHMENTS AND BUILDINGS ARE LOCATED ON THE GROUND
 AS SHOWN HEREON.

NOTES:

1. THIS PLAN WAS NOT MADE FROM AN INSTRUMENT SURVEY AND IS NOT FOR RECORDING PURPOSES. THE PLAN SHOWS THE CONDITIONS EXISTING AS OF THE DATE SHOWN HEREON. CERTIFICATION IS FOR MORTGAGE PURPOSES ONLY. PROPERTY LINES AS SHOWN ARE APPARENT ONLY.
2. THE MUNICIPALITY HAS DETERMINED THAT THE PREMISES CONFORMED WITH LOCAL ZONING ORDINANCES AT TIME OF CONSTRUCTION.
3. IN ACCORDANCE WITH THE LOCAL MUNICIPALITY THE PREMISES DO NOT FALL WITHIN A FLOOD HAZARD ZONE.

MORTGAGE CERTIFICATION
 SKETCH FOR

ANDREW CHAPMAN &
 BETSY CHAPMAN

20 BERWICK ST
 PORTLAND, ME

JANUARY 24, 1990 SCALE: 1"=

PREPARED BY AWI ENGINEERING CO.

ELECTRICAL PERMIT

City of Portland, Me.



To the Chief Electrical Inspector, Portland Maine:
The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of Maine, the City of Portland Electrical Ordinance, National Electrical Code and the following specifications:

Date

12/18/01

Permit #

1001-5232

CBL#

430-A-OP

LOCATION:

20 Berwick St

METER MAKE & #

CMP ACCOUNT #

OWNER

TENANT

Andy Chapman

PHONE #

							TOTAL EACH FEE		
OUTLETS	20	Receptacles	20	Switches		Smoke Detector	40	.20	8.00
FIXTURES		Incandescent	20	Fluorescent		Strips	20	.20	4.00
SERVICES		Overhead		Underground		TTL AMPS	<800	15.00	
		Overhead		Underground			>800	25.00	
Temporary Service		Overhead		Underground		TTL AMPS		25.00	
								25.00	
METERS		(number of)						1.00	
MOTORS		(number of)						2.00	
RESID/COM		Electric units						1.00	
HEATING		oil/gas units		Interior		Exterior		5.00	
APPLIANCES	1	Ranges		Cook Tops		Wall Ovens	1	2.00	2.00
		Insta-Hot		Water heaters	2	Fans	2	2.00	4.00
	1	Dryers	1	Disposals	1	Dishwasher	3	2.00	6.00
		Compactors		Spa	1	Washing Machine	1	2.00	2.00
		Others (denote)						2.00	
MISC. (number of)		Air Cond/win						3.00	
		Air Cond/cent				Pools		10.00	
		HVAC		EMS		Thermostat		5.00	
		Signs						10.00	
		Alarms/res						5.00	
		Alarms/com						15.00	
		Heavy Duty(CRKT)						2.00	
		Circus/Carnv						25.00	
		Alterations						5.00	
		Fire Repairs						15.00	
		E Lights						1.00	
		E Generators						20.00	
PANELS		Service		Remote		Main		4.00	
TRANSFORMER		0-25 Kva						5.00	
		25-200 Kva						8.00	
		Over 200 Kva						10.00	
TOTAL AMOUNT DUE									
MINIMUM FEE/COMMERCIAL 45.00							MINIMUM FEE	35.00	\$35

INSPECTION:

Will be ready will call

or will call

CONTRACTORS NAME

Walsh Elec

MASTER LIC. #

MS60012510

ADDRESS

PO Box 1178 Portland

LIMITED LIC. #

TELEPHONE

799-1775

Tim Walsh

SIGNATURE OF CONTRACTOR

PLUMBING APPLICATION

Department of Human Sciences
Division of Health Engineering

PROPERTY ADDRESS

Town or
Plantation

Portland

Street
Subdivision Lot #

20 Berwick Street

Last: Chapman

First: Andrew

Applicant
Name:

Andrew Chapman

Mailing Address of
Owner/Applicant
(If Different)

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspectors to deny a Permit.

Signature of Owner/Applicant

Date

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Maine Plumbing Rules.

Local Plumbing Inspector Signature

Date Approved

PERMIT INFORMATION

This Application is for

1. ☒ NEW PLUMBING
2. ☒ RELOCATED PLUMBING

Type of Structure To Be Served:

1. ☒ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER - SPECIFY _____

Plumbing To Be Installed By:

1. ☐ MASTER PLUMBER
2. ☐ OIL BURNERMAN
3. ☐ MFG'D. HOUSING DEALER/MECHANIC
4. ☐ PUBLIC UTILITY EMPLOYEE
5. ☒ PROPERTY OWNER

LICENSE # _____

Hook-Up & Piping Relocation Maximum of 1 Hook-Up

HOOK-UP: to public sewer in those cases where the connection is not regulated and inspected by the local Sanitary District.

OR

HOOK-UP: to an existing subsurface wastewater disposal system.

PIPING RELOCATION: of sanitary lines, drains, and piping without new fixtures.

OR

TRANSFER FEE
[\$6.00]

Column 2 Type of Fixture

Number

Hosebibb / Sillcock

Floor Drain

Urinal

Drinking Fountain

Indirect Waste

Water Treatment Softener, Filter, etc.

Grease / Oil Separator

Dental Cuspidor

Bidet

Other: _____

Fixtures (Subtotal)
Column 2

Column 1 Type of Fixture

Number

Bathtub (and Shower)

Shower (Separate)

Sink

Wash Basin

Water Closet (Toilet)

Clothes Washer

Dish Washer

Garbage Disposal

Laundry Tub

Water Heater

Fixtures (Subtotal)
Column 1

Fixtures (Subtotal)
Column 2

Total Fixtures

Fixture Fee

Transfer Fee

Hook-Up & Relocation Fee

Permit Fee
(Total)

SEE PERMIT FEE SCHEDULE
FOR CALCULATING FEE

**THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE
PERMIT IS ISSUED**

**Minor/Minor Site Review for New Detached Single Family Dwelling,
All Purpose Building Permit Application**

In the interest of processing your application in the quickest possible manner, please complete the Information below for a Building or Use Permit.

NOTEIf 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>20 Berwick Street</u>		
Total Square Footage of Proposed Structure <u>1134 sq ft</u>	Square Footage of Lot <u>12050 sq ft</u>	
Tax Assessor's Chart, Block & Lot Number Chart# <u>430</u> Block# <u>A</u> Lot# <u>19</u>	Owner: <u>Andrew W. & Betsy L. * Chapman</u> <u>Call when Ready</u>	Telephone#: <u>879-0069 *</u>
Lessee/Buyer's Name (If Applicable)	Owner's/Purchaser/Lessee Address: <u>20 Berwick St. Portland 04103</u>	Cost Of Work: <u>46,000-</u> Fee: \$ <u>300.00</u>
Current use: <u>Single Family</u> Proposed use: <u>Single Family</u>		
Project description: <u>Add 14 x 33 Addition 2 stories w/ attic truss</u>		
Contractor's Name, Address & Telephone <u>self see Above</u>		Rec'd By: <u>5/18 CH</u>

Separate permits are required for Internal & External Plumbing, HVAC and Electrical installation.

*Any Question From 5/18 - 5/25
leave message
772-2163*

- All construction must be conducted in compliance with the 1999 B.O.C.A. Building Code as amended by Section 6-Art II.
- All plumbing must be conducted in compliance with the State of Maine Plumbing Code.
- All Electrical Installation must comply with the 1999 National Electrical Code as amended by Section 6-Art III.
- HVAC (Heating, Ventilation and Air Conditioning) installation must comply with the 1993 BOCA Mechanical Code.

YOU MUST INCLUDE THE FOLLOWING WITH YOUR APPLICATION:

- A Copy of Your Deed or Purchase and Sale Agreement if purchased in the last 365 days
- A Plot Plan (Sample Attached) ON PAPER NO LARGER THAN 11" x 17" if you are doing anything other than interior rehab work.

BUILDING PERMIT REPORT

DATE: 18 MAY 2001 ADDRESS: 20 Berwick ST CBL: 430-A-019

REASON FOR PERMIT: To Construct a 14'x33' addition

BUILDING OWNER: A.W. Chapman

PERMIT APPLICANT: CONTRACTOR SAO

USE GROUP: R-3 CONSTRUCTION TYPE: 53 CONSTRUCTION COST: \$46,000.00 PERMIT FEES: \$300.00

The City's Adopted Building Code (The BOCA National Building Code/1999 with City Amendments)
The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)

CONDITION(S) OF APPROVAL

This permit is being issued with the understanding that the following conditions shall be met: *1, *2, *4, *11, *13, *14, *15, *16, *20, *27, *28, *30, *33, *35, *36, *37

1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
2. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection) **"ALL LOT LINES SHALL BE CLEARLY MARKED BEFORE CALLING."**
3. Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve. The drain shall extend a minimum of 12 inches beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not higher than the bottom of the base under the floor, and that the top of the drain is not less than 6 inches above the top of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of joints or top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2" of gravel or crushed stone, and shall be covered with not less than 6" of the same material. Section 1813.5.2
4. Foundations anchors shall be a minimum of 1/2" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts. Section 2305.17
5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code.
6. Precaution must be taken to protect concrete and masonry. Concrete Sections 1908.9-19.8.10/ Masonry Sections 2111.3-2111.4.
7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained.
8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating. Private garages attached side-by-side to rooms in the above occupancies shall be completely separated from the interior spaces and the attic area by means of 1/2 inch gypsum board or the equivalent applied to the garage side. (Chapter 4, Section 407.0 of the BOCA/1999)
9. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code. (The BOCA National Mechanical Code/1993). Chapter 12 & NFPA 211
10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
11. Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level. Minimum height all Use Groups 42". In occupancies in Use Group A, B.H-4, I-1, I-2, M, R, public garages and open parking structures, open guards shall have balusters or be of solid material such that a sphere with a diameter of 4" cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect. Handrails shall be a minimum of 34" but not more than 38". Exception: Handrails that form part of a guard shall have a height not less than 36 inches (914 mm) and not more than 42 inches (1067 mm). Handrail grip size shall have a circular cross section with an outside diameter of at least 1 1/4" and not greater than 2". (Sections 1021 & 1022.0). Handrails shall be on both sides of stairway. (Section 1014.7)
12. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/2" maximum rise. All other Use Group minimum 11" tread, 7" maximum rise. (Section 1014.0)
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6'8") 1014.4
15. The Minimum required width of a corridor shall be determined by the most restrictive of the criteria under section 1011.3 but not less than 36".
16. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue. The units must be operable from the inside without the use of special knowledge or separate tools. Where windows are provided as means of egress or rescue they shall have a sill height not more than 44 inches (1118mm) above the floor. All egress or rescue windows from sleeping rooms shall have a minimum net clear opening height dimension of 24 inches (610mm). The minimum net clear opening width dimension shall be 20 inches (508mm), and a minimum net clear opening of 5.7 sq. ft. (Section 1010.4)
17. Each apartment shall have access to two (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly from the apartment to the building exterior with no communications to other apartment units. (Section 1010.1)
18. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closure's. (Over 3 stories in height requirements for fire rating is two (2) hours. (Section 710.0)
19. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. (Table 302.1.1)

5/19

- ✓ 20. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code Chapter 9, Section 920.3.2 (BOCA National Building Code/1999), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations):
- In the immediate vicinity of bedrooms
 - In all bedrooms
 - In each story within a dwelling unit, including basements
21. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0)
22. The Fire Alarm System shall be installed and maintained to NFPA #72 Standard.
23. The Sprinkler System shall be installed and maintained to NFPA #13 Standard.
24. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1999)
25. Section 25 - 135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year".
26. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services,
- ✓ 27. Ventilation and access shall meet the requirements of Chapter 12 Sections 1210.0 and 1211.0 of the City's Building Code. (Crawl spaces & attics).
- ✓ 28. All electrical, plumbing and HVAC permits must be obtained by Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done.
29. All requirements must be met before a final Certificate of Occupancy is issued.
- ✓ 30. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (The BOCA National Building Code/1996).
31. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical code (The BOCA National Mechanical Code/1993). (Chapter M-16)
32. Please read and implement the attached Land Use Zoning report requirements. *to remain A Single Family*
- ✓ 33. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.3.1, 2305.4.4 and 2305.5.1 of the City's Building Code.
34. Bridging shall comply with Section 2305.16.
- ✓ 35. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2406.0)
- ✓ 36. All flashing shall comply with Section 1406.3.10.
37. All signage shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1999).

P. Samuel Hoffses, Building Inspector
Cc: Lt. McDougall, PFD
Marge Schmuckal, Zoning Administrator
Michael Nugent, Inspection Service Manager

PSH 10/1.00

****This permit is herewith issued, on the basis of plans submitted and conditions placed on these plans, any deviations shall require a separate approval.**

*****THIS PERMIT HAS BEEN ISSUED WITH THE UNDERSTANDING THAT ALL THE CONDITIONS OF THE APPROVAL SHALL BE COMPLETED. THEREFORE, BEFORE THE WORK IS COMPLETED A REVISED PLAN OR STATEMENT FROM THE PERMIT HOLDER SHALL BE SUBMITTED TO THIS OFFICE SHOWING OR EXPLAINING THAT THE CONDITIONS HAVE BEEN MET. IF THIS REQUIREMENT IS NOT RECEIVED YOUR CERTIFICATE OF OCCUPANCY SHALL BE WITHHELD. (You Shall Call for Inspections)**

******ALL PLANS THAT REQUIRE A PROFESSIONAL DESIGNER'S SEAL, (AS PER SECTION 114.0 OF THE BUILDING CODE) SHALL ALSO BE PRESENTED TO THIS DIVISION ON AUTO CAD LT. 2000, DXF FORMAT OR EQUIVALENT.**

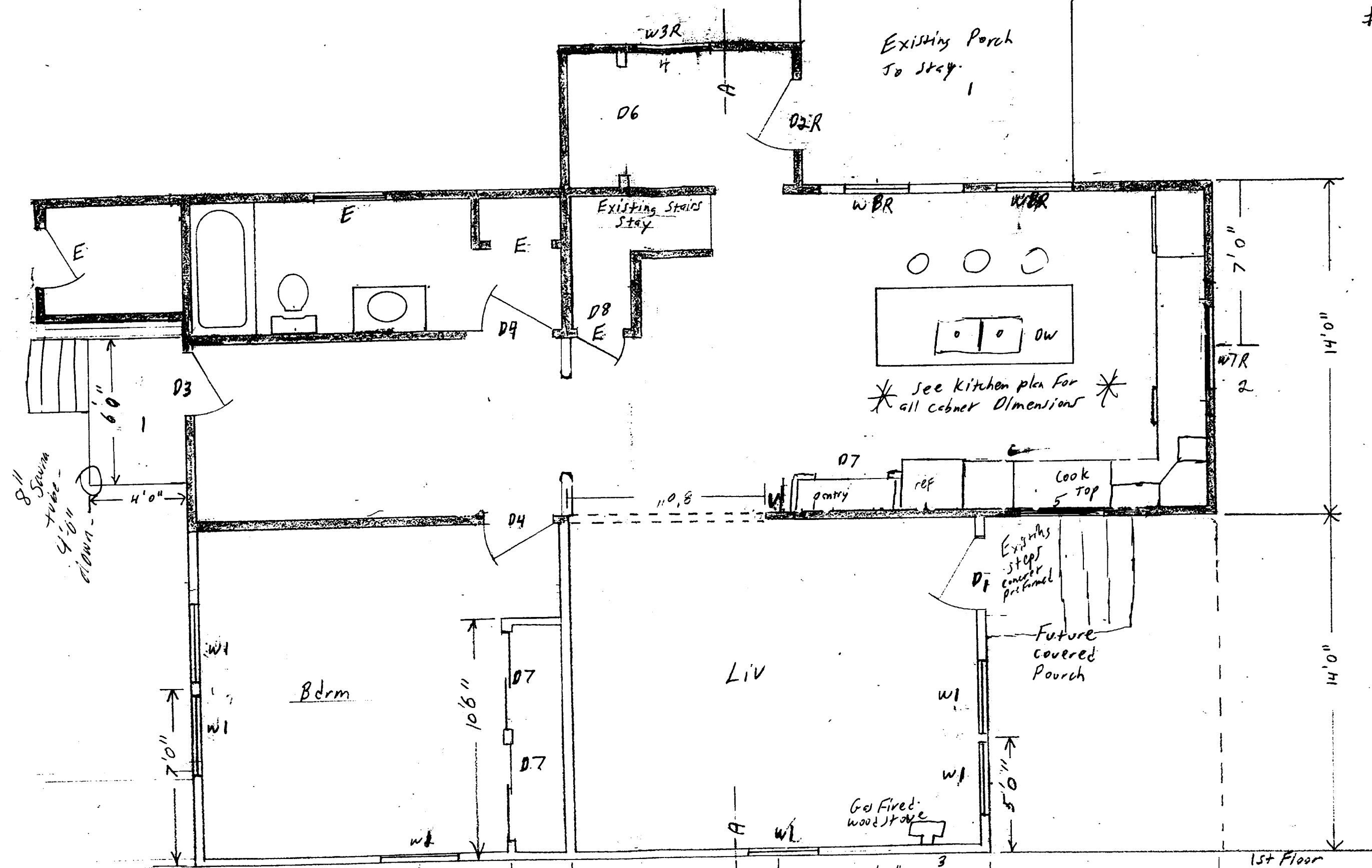
*******CERTIFICATE OF OCCUPANCY FEE \$50.00**

5/18/01

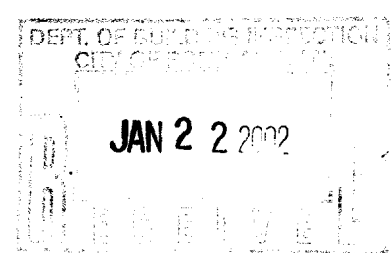
Marge

I have been in to see you
several times over the past year.
You said to remind you of this when I
put in for the application. The only
change is that we added the
Gottic Now and a First will
Foundation

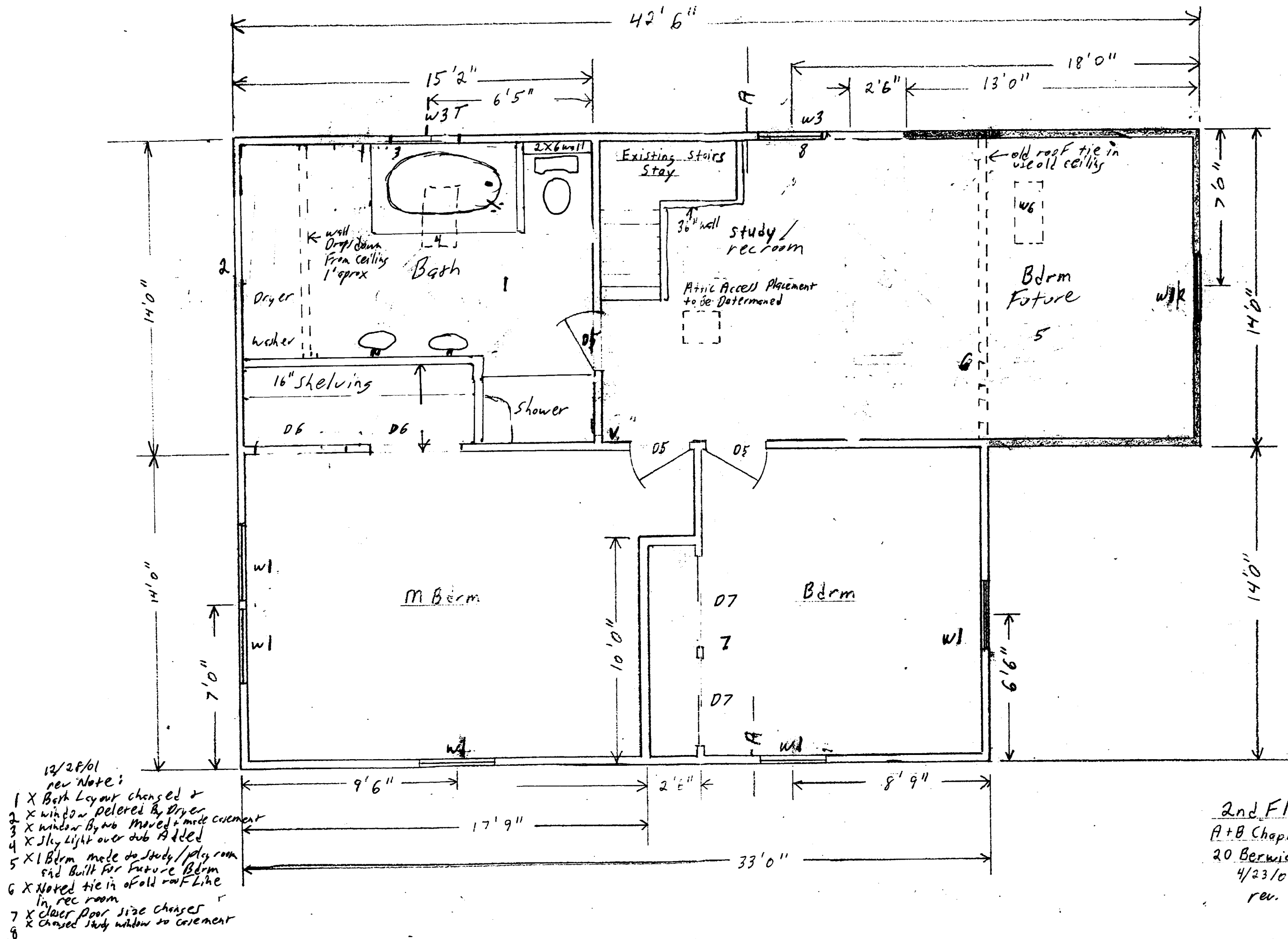
Andrew
Chapman



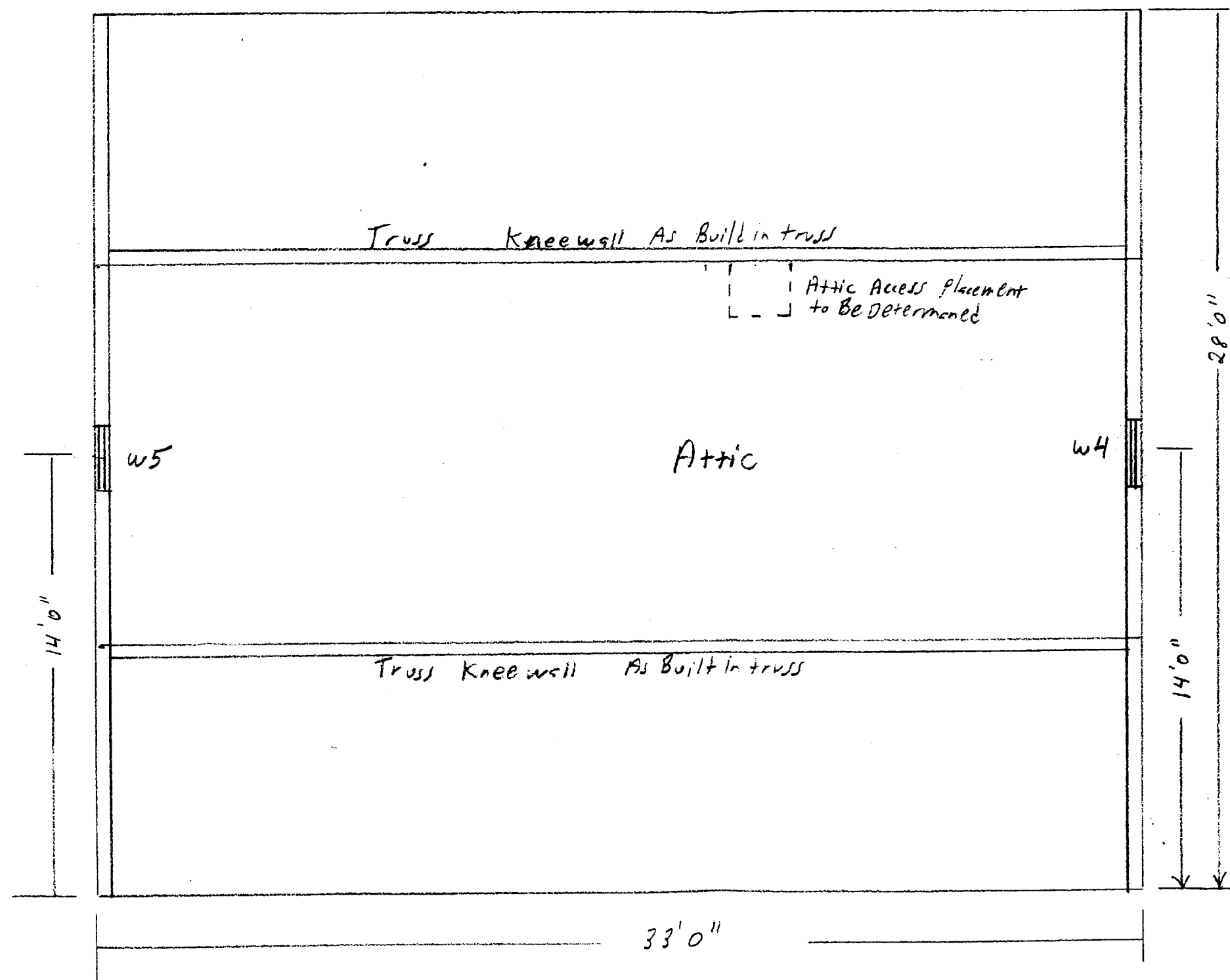
- rev. Notes:
- 1 X Existing porch to stay + Build New rear porch
 - 2 X changed kitchen window to W 7
 - X showed placement of hot stove
 - X changed mud room window to casement
 - X Deleted window in kitchen (cooktop area)
 - X Add 12" Base Cabinet 24" wall move 12" wall



1st Floor
A+B Chapman
20 Berwick St
1/4" = 1'0"
4/6/01
rev. 12/28/01

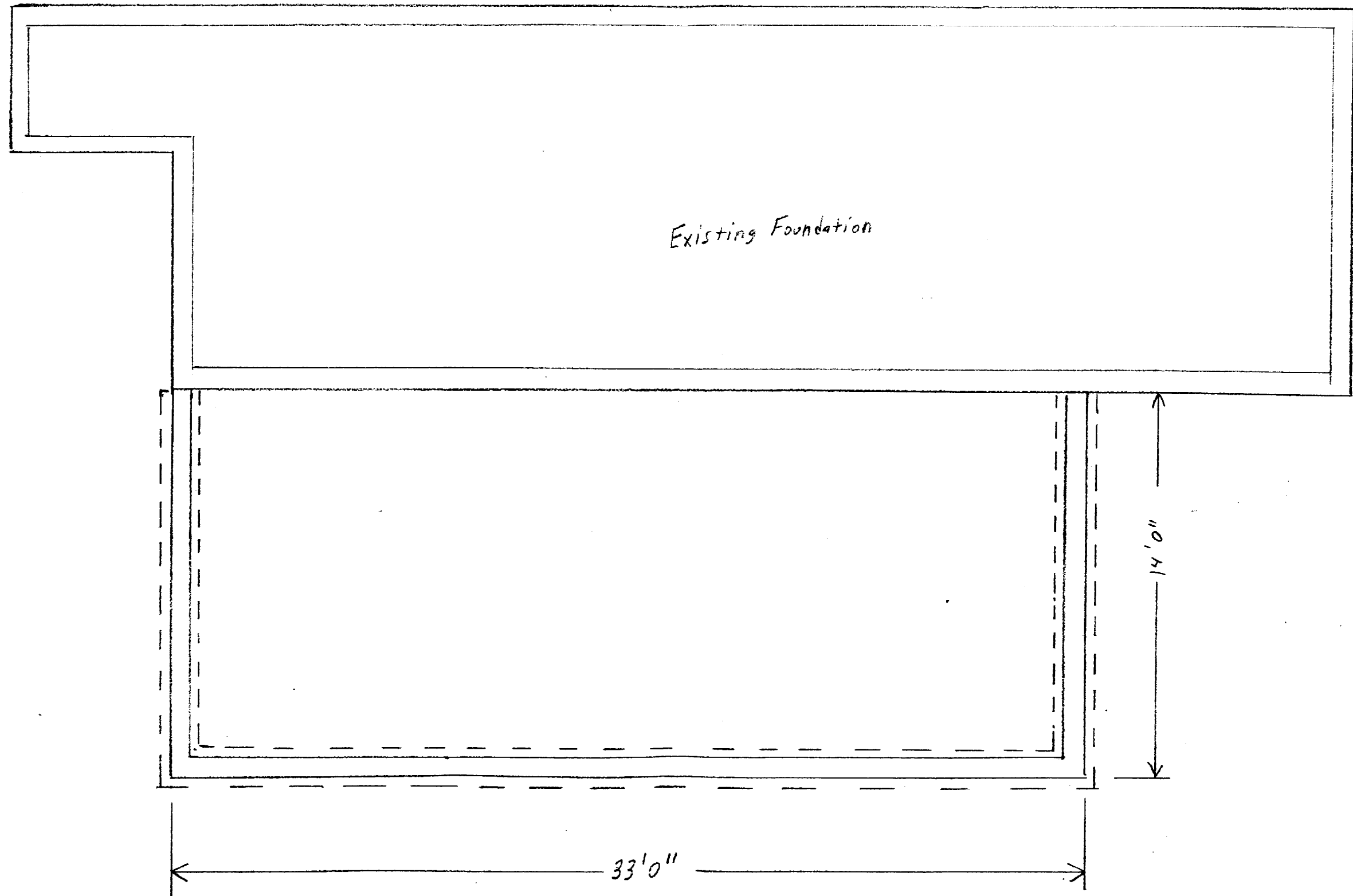


3



Attic
A & B Chapman
20 Bernick St
1/4" = 1'0"

#4



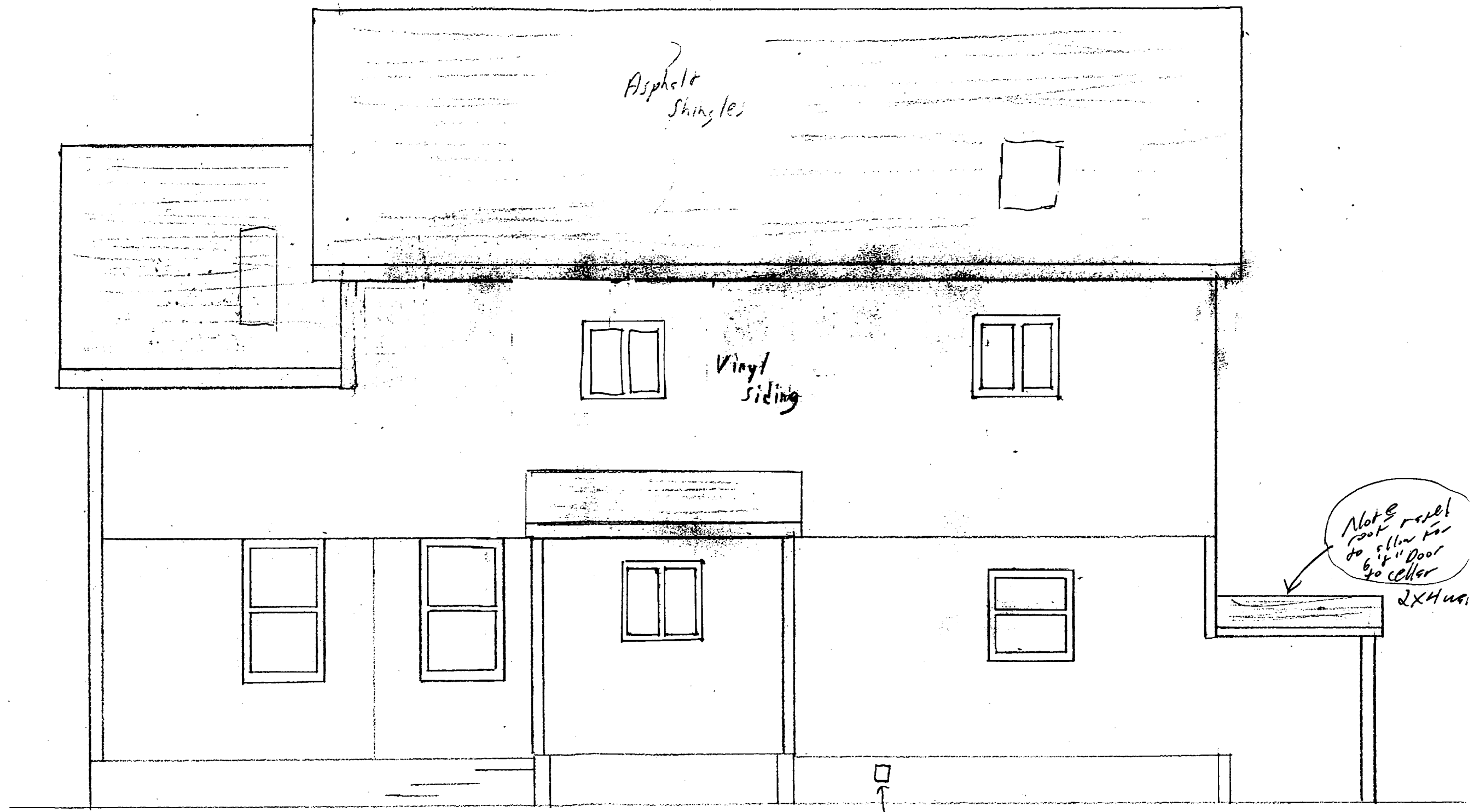
Foundation
A+B Chapman
20 Berwick St.
1/4" = 1'0"



rev. Note
X changed window for kitchen

Front

$\frac{1}{4}" = 1'0"$
A + B Chapman
20 Berwick St
Portland ME
rev. 12/28/01



Asphalt
Shingles

Vinyl
Siding

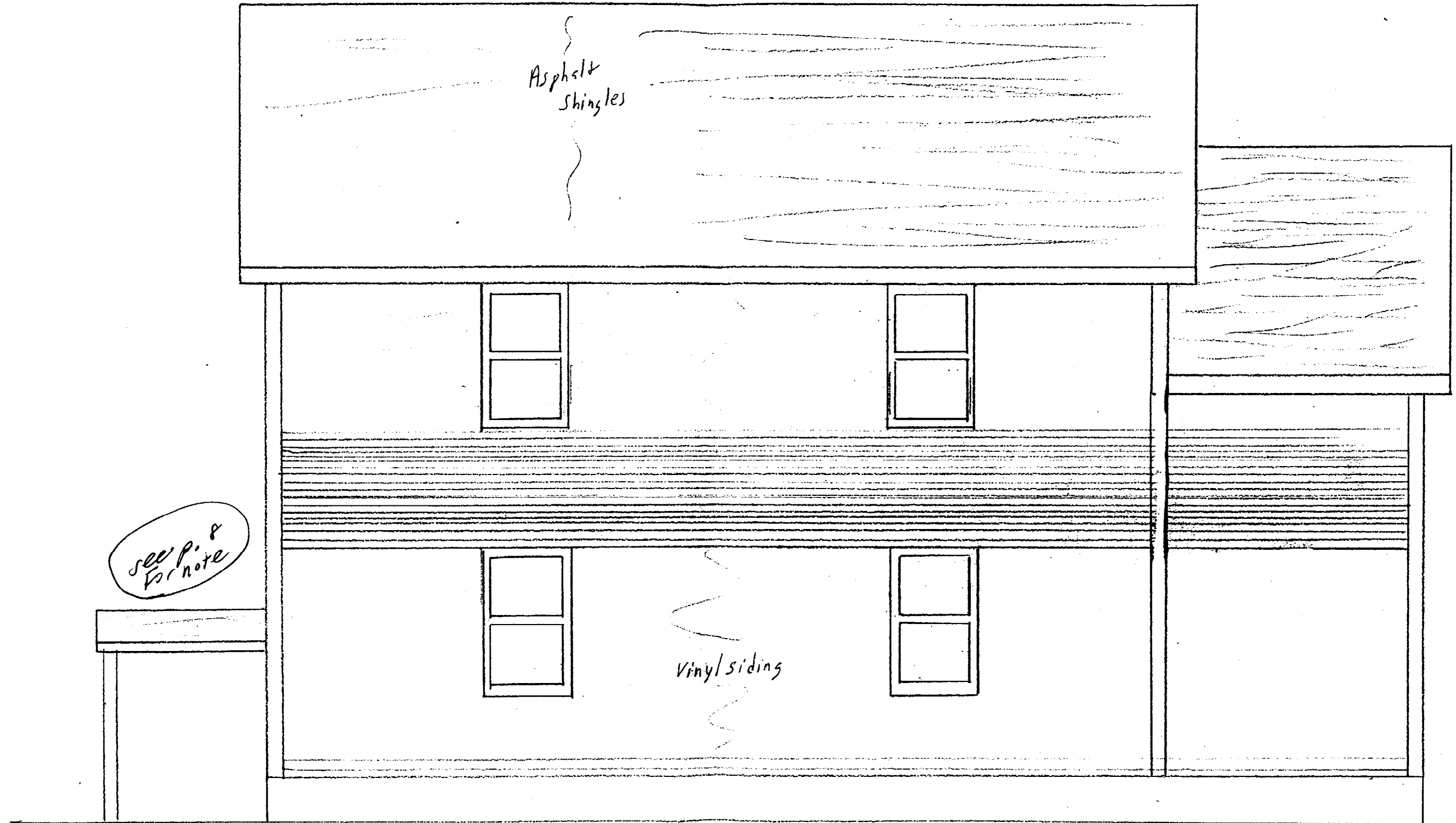
Note re: root fall
to 6" door
to cellar

Approx. Location of
Direct vent For
Furnace (gas)

South

rev. Note
X Added Note on cellar way change
X changed Mudroom window to casement
X changed 2nd Flr windows to casement
X remove sky light note

1/4" = 1'0"
A+B Chapman
20 Berwick St.
rev. 12/28/01

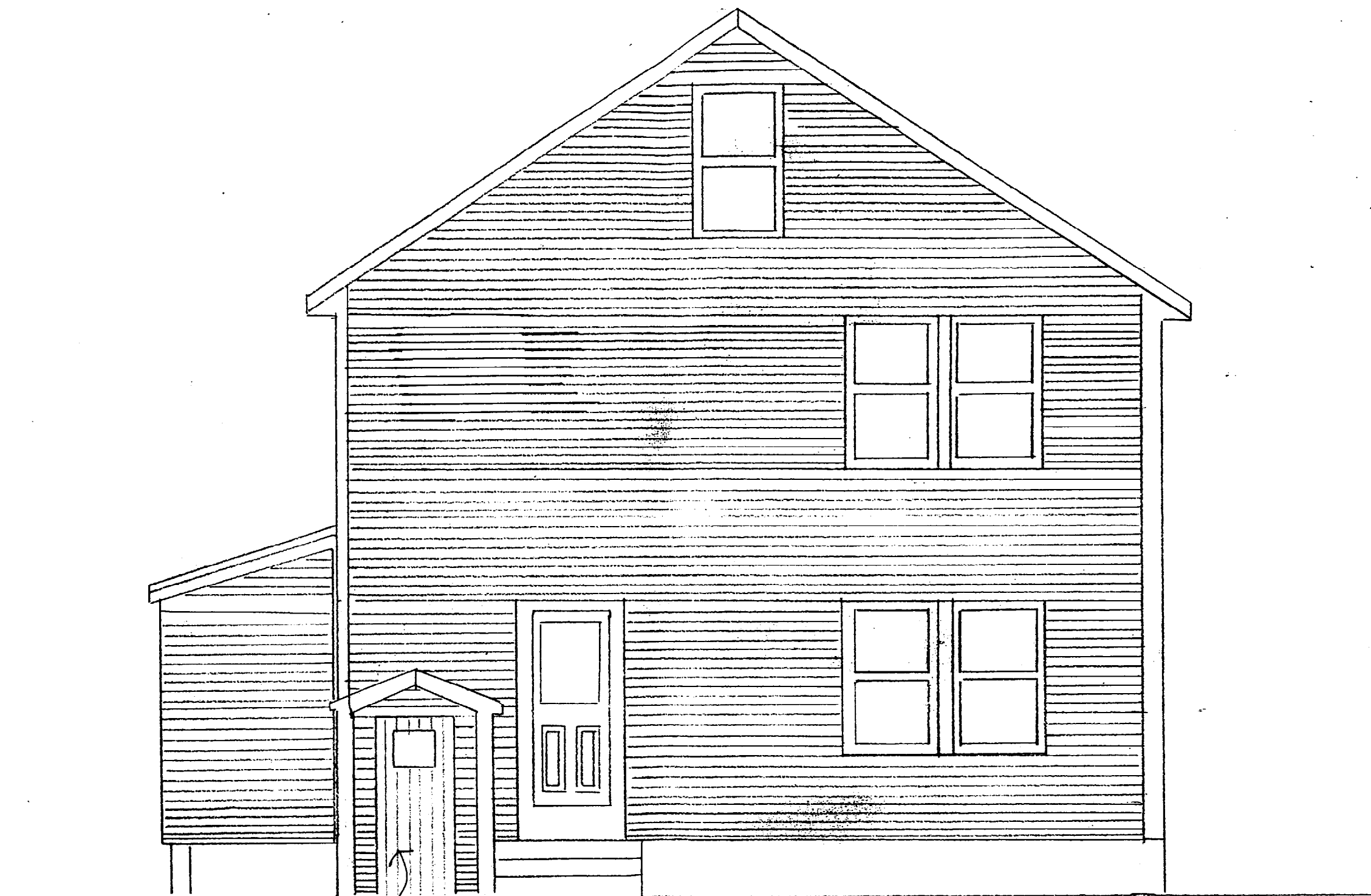


West

rev. Notes
 X Deleted window in kitchen to allow for look up venting
 X Noted to see p. 8 on cellar way

$\frac{1}{4}" = 1'0"$
 A+B Chapman
 20 Berwick St.
 rev. 12/28/01

#8



Note: roof
railed to Allow for
6'8" tall Door
to cellar

Back

$\frac{1}{4}" = 1'0"$

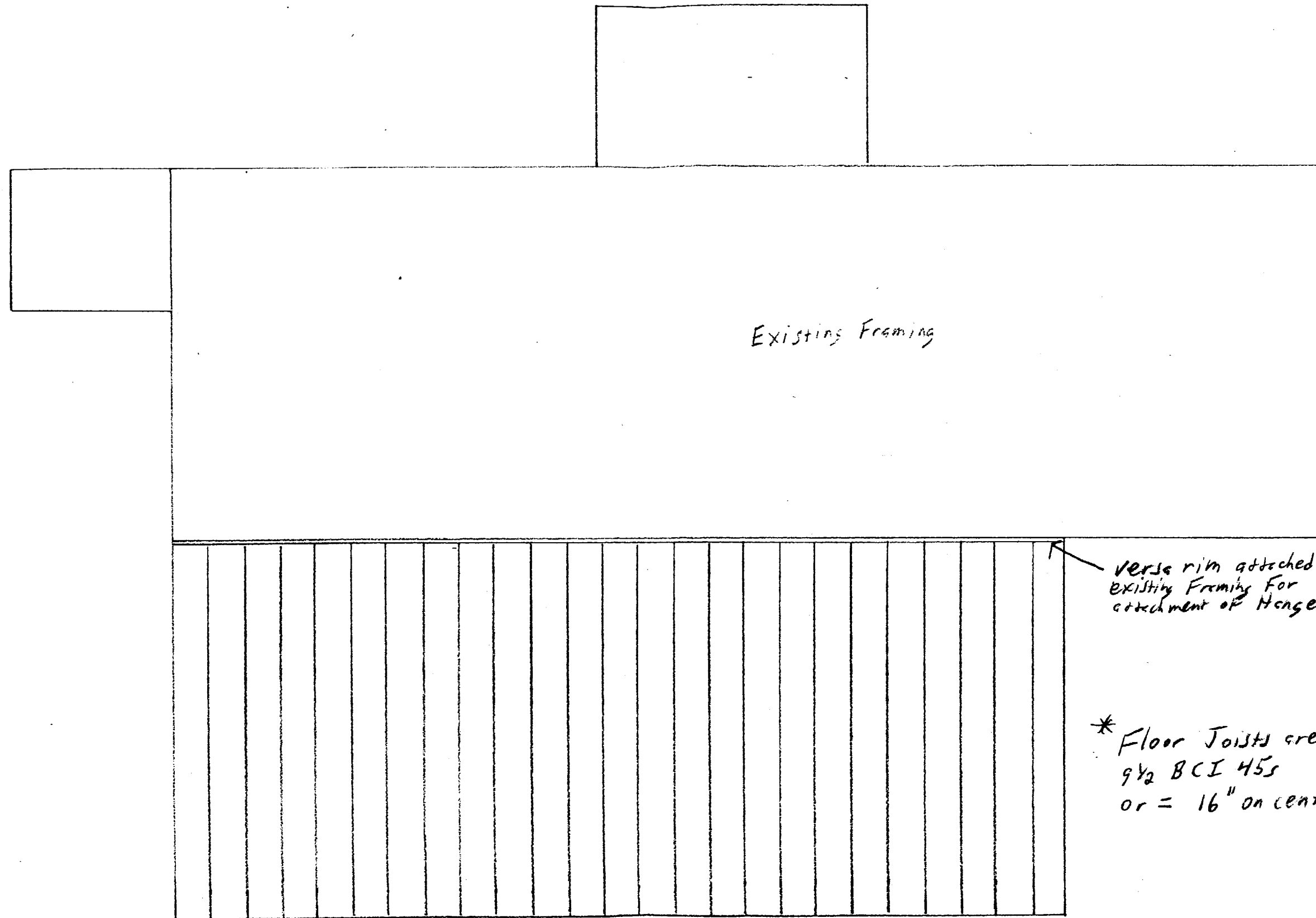
A+B Chapman

20 Berwick St.

rev. 12/28/01

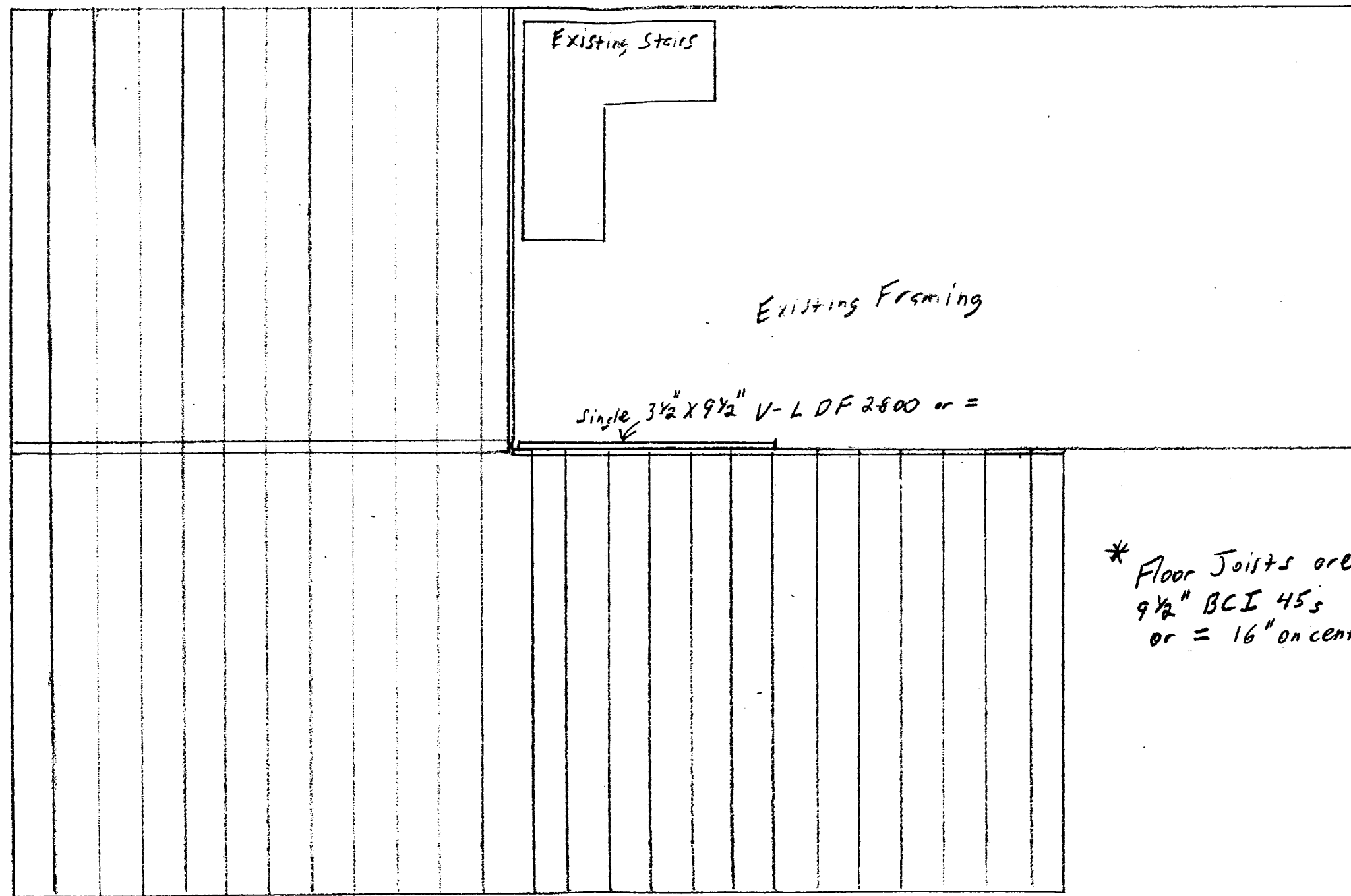
rev. Note
X Added note on cellar way
X deleted window in porch

#9



* Floor Joists are *
9 1/2 BCI 45s
or = 16" on center

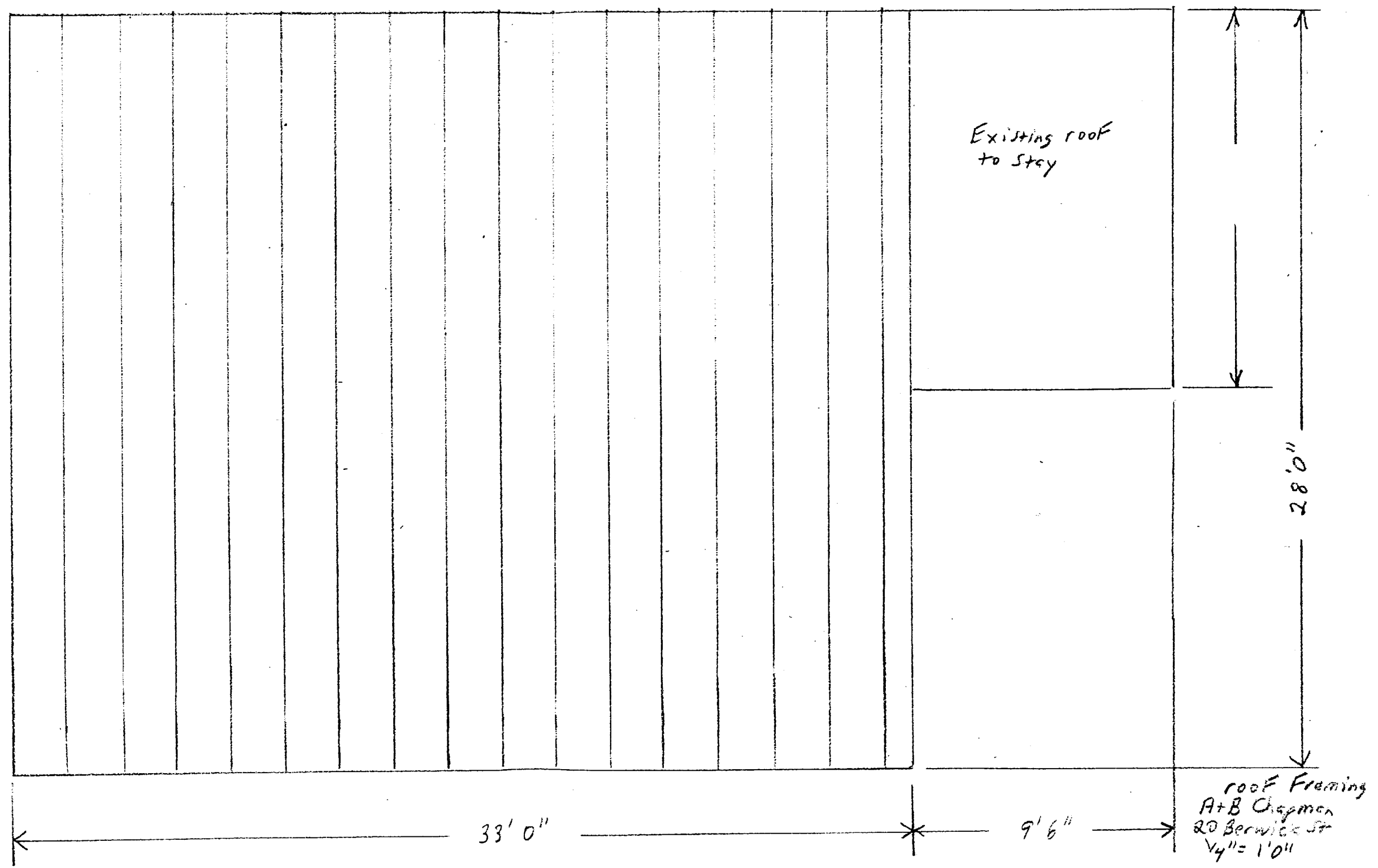
1st Floor Framing
A+B Chapman
20 Berwick St
1/4" = 1'0"



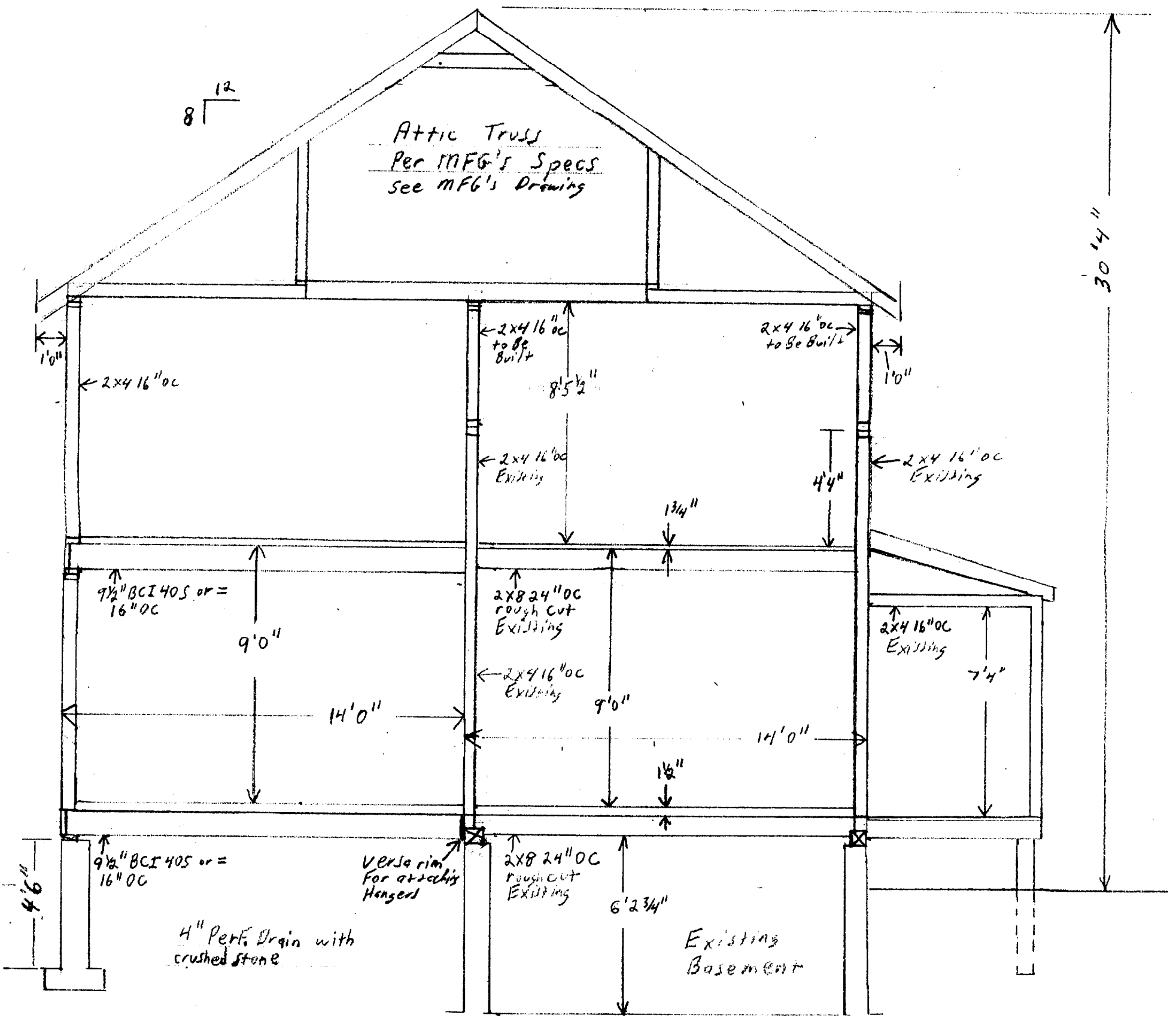
* Floor Joists are *
9 1/2" BCI 45s
or = 16" on center

2nd Floor Framing
A+B Chapman
20 Berwick St
1/4" = 1'0"

#11



#12



Section A
A+B Chapman
20 Berwick St.
4/23/01
 $\frac{1}{4}'' = 1'0''$

5/17/01
12/28/01

E = Existing window or door
V = Vacuum outlet for central vacuum
R = Replacement

rev Notes:
X added slightly added 47
X added 08

3068 - 5150 "Shed Str" D1
3068 - 5206 " " D2
2868 - 5206 " " D3
3068 - #805 "6 panel" D4
2868 - #805 " " D5
4068 - #550 84FD 8.1.11 D6
3068 - " " D7
2066 D8

W1 6 W1 TW 3052 (R = replacement)
W2 2 W2 TW 3032 (R = replacement)
W3 0 W3 CN 285
W4 0/1 W4 CTN 24/TW 24310
W5 3/1 W5 TW 3046
W6 W6 Vending slightly for 5104
W7 W7 C 34
W8 W8 TW 3852
W9 W9 15-101

Window & Door Schedule
for 20 Bernick Street

#13

BOISE CASCADE - BC CALC™ 2000a DESIGN REPORT - US

Tuesday, April 24, 2001 10:50



Single - 9 1/2" BCI 45s

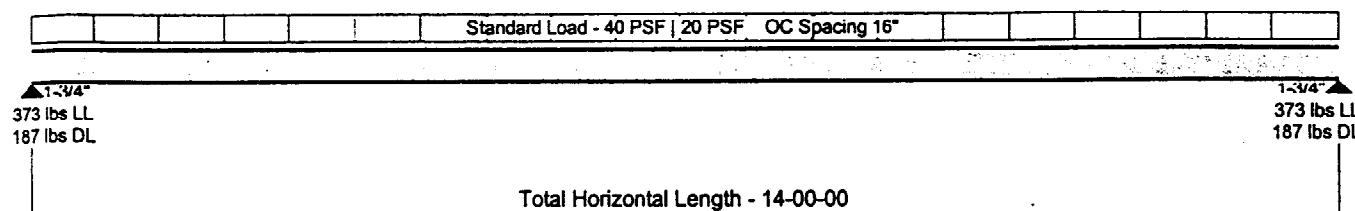
Job Name -
Address -
City, State, Zip -
Code Reports -

ICBO 5208, BOCA 98-18, SBCCI 9844

File Name: -
Customer -
Specifier -
Designer - Valued Employee
Company: - Wood Structures Inc.
Misc: -

Untitled

Member Diagram



General Data

Version: US Imperial
Member Type: - Joist
Number of Spans: - 1
Left Cantilever: - No
Right Cantilever: - No
Slope: 0/12
OC Spacing: 16"
Repetitive: Yes
Construction Type: Glued

Live Load: 40 PSF
Dead Load: 20 PSF
Part Load: 0 PSF
Duration: 100

Disclosure

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of Boise Cascade engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation. For glulam inquiries, please call (800)237-4013.

Load Summary

ID	Description	Load Type	Ref.	Start	End	Live	Dead	OCS	Dur.
S	Standard	Unf. Area Load	Left	00-00-00	14-00-00	40 PSF	20 PSF	16"	100

Controls Summary

Control Type	Value	% Allowable	Duration	Loadcase	Span Location
Moment	1960 ft-lbs	59.6%	@ 100%	2	1 - Internal
End Reaction	560 lbs	49.8%	@ 100%	2	1 - Left
Total Deflection	L/468 (0.358")	51.2%		2	1
Live Deflection	L/703 (0.239")	51.2%		2	1
Max. Defl.	0.358" (Limit: 1")	35.8%		2	1
Span/Depth	17.7				1

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.
Minimum End bearing length is 1-3/4".

Floor Joists
1st & 2nd Floor



Single - 3 1/2" x 9 1/2" V-L DF 2800

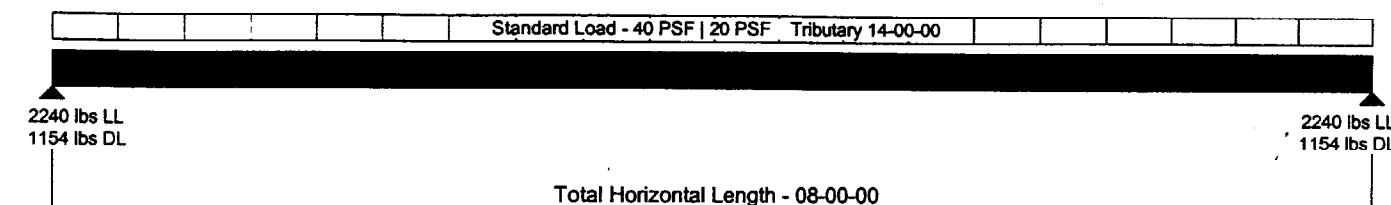
Job Name -
Address -
City, State, Zip -
Code Reports - NER 442

File Name:
Customer -
Specifier -
Designer - Valued Employee
Company: Wood Structures Inc.
Misc: -

Untitled

14

Member Diagram



General Data

Version: US Imperial
Member Type: - Floor Beam
Number of Spans: - 1
Left Cantilever: - No
Right Cantilever: - No

Slope: 0/12
Tributary: 14-00-00
Repetitive: n/a
Construction Type: n/a

Live Load: 40 PSF
Dead Load: 20 PSF
Part Load: 0 PSF
Duration: 100

Disclosure

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of Boise Cascade engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation. For glulam inquiries, please call (800)237-4013.

Load Summary

ID	Description	Load Type	Ref.	Start	End	Live	Dead	Trib.	Dur.
S	Standard	Unf. Area Load	Left	00-00-00	08-00-00	40 PSF	20 PSF	14-00-00	100

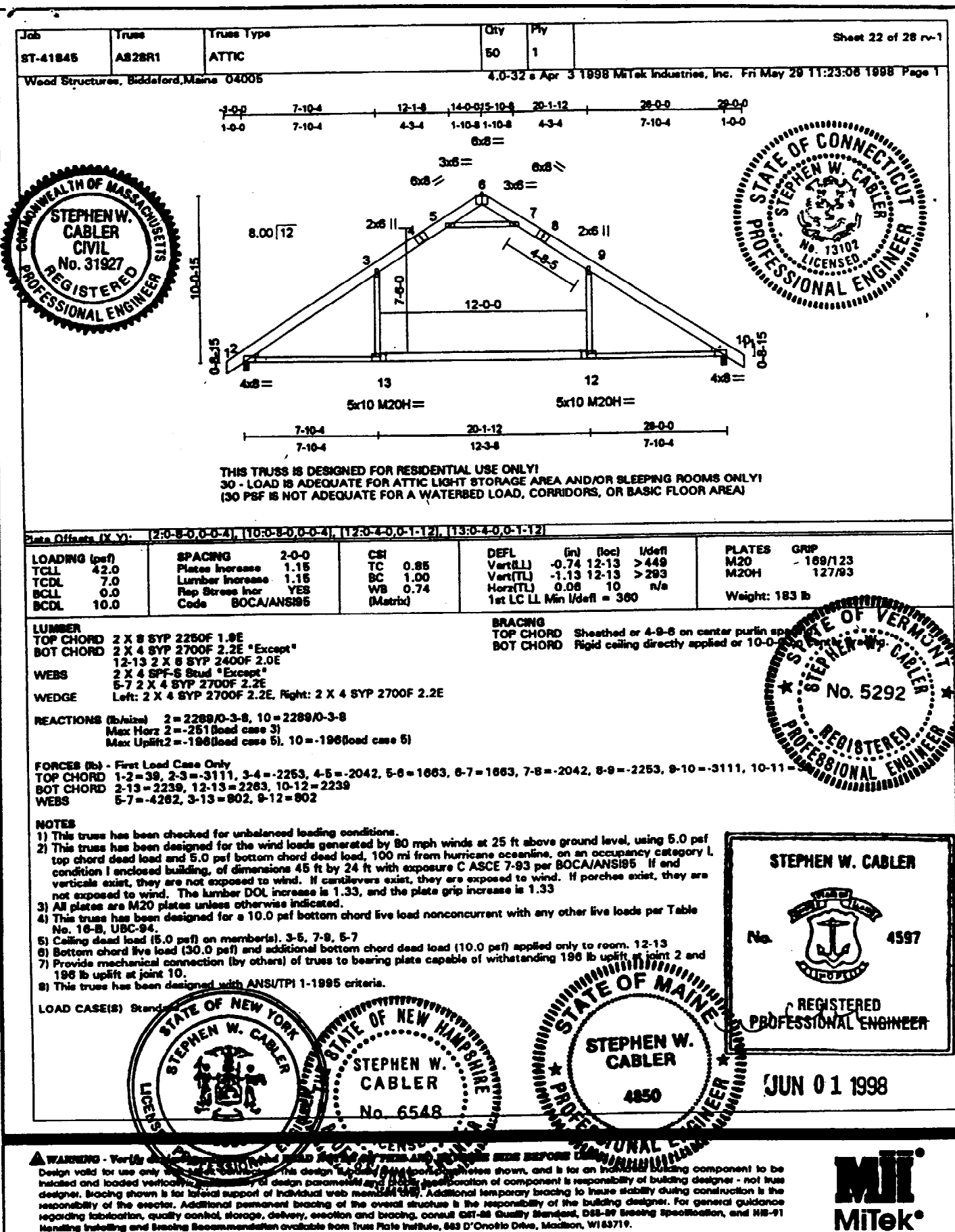
Controls Summary

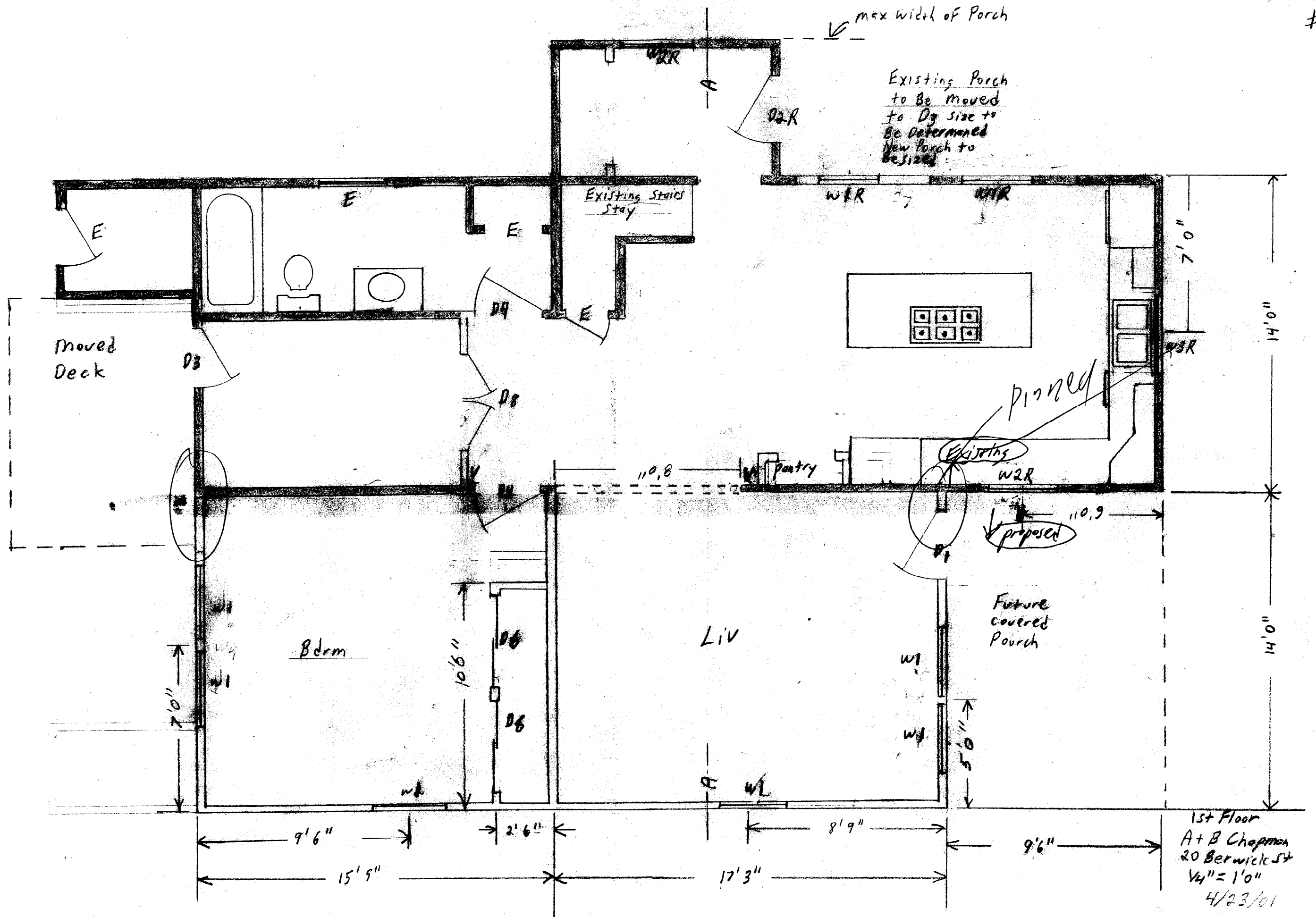
Control Type	Value	% Allowable	Duration	Loadcase	Span Location
Moment	6788 ft-lbs	53.8%	@ 100%	2	1 - Internal
End Shear	2722 lbs	43.1%	@ 100%	2	1 - Left
Total Deflection	L/613 (0.156")	39.1%		2	1
Live Deflection	L/930 (0.103")	38.7%		2	1
Max. Defl.	0.156" (Limit: 1")	15.6%		2	1
Span/Depth	10.1				1

NOTES:

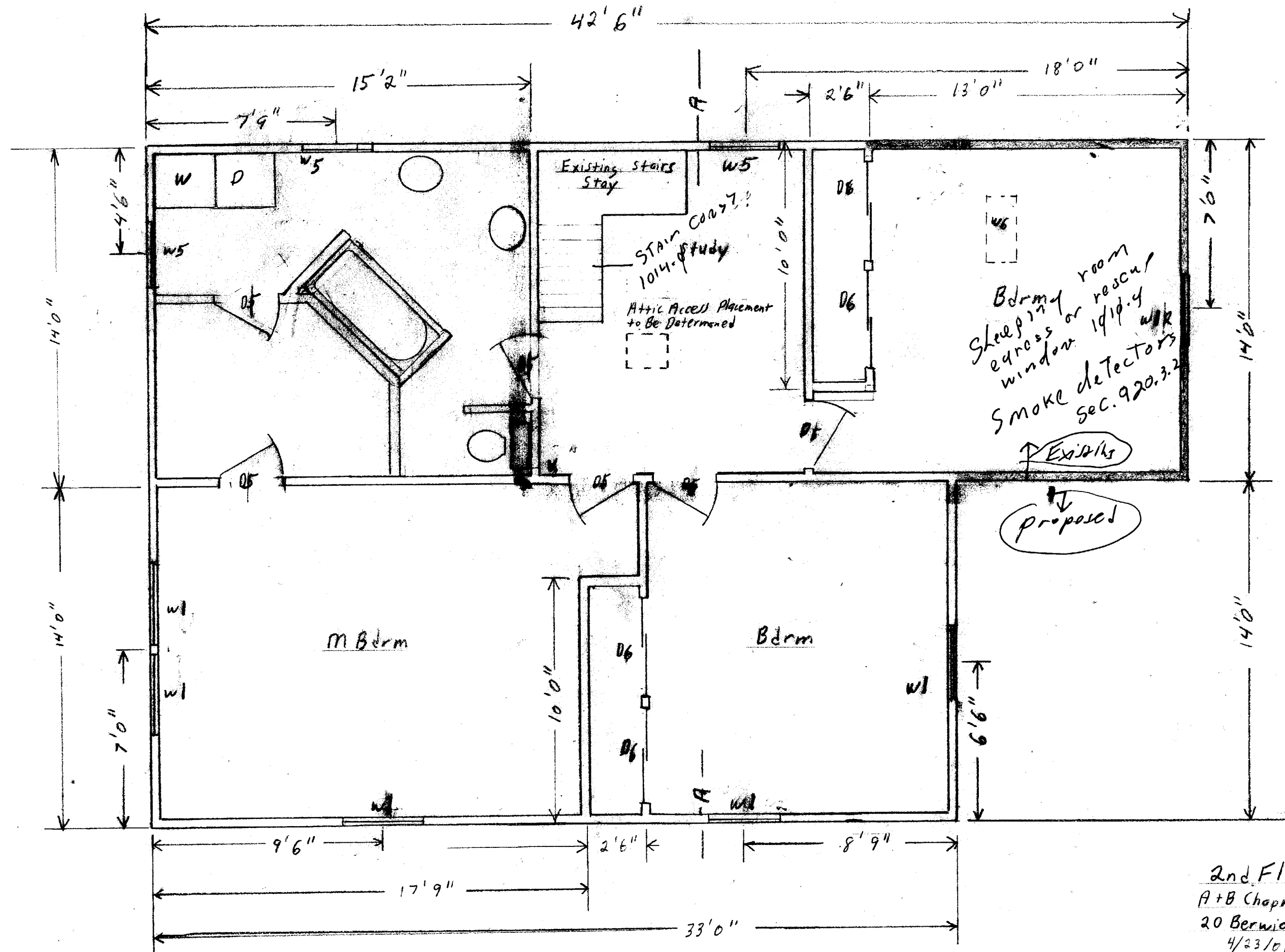
Design meets Code minimum (L/240) Total load deflection criteria.
Design meets Code minimum (L/360) Live load deflection criteria.
Design meets arbitrary (1") Maximum load deflection criteria.
Minimum End bearing length is 1-1/2".

Living/Kitchen
area Beam



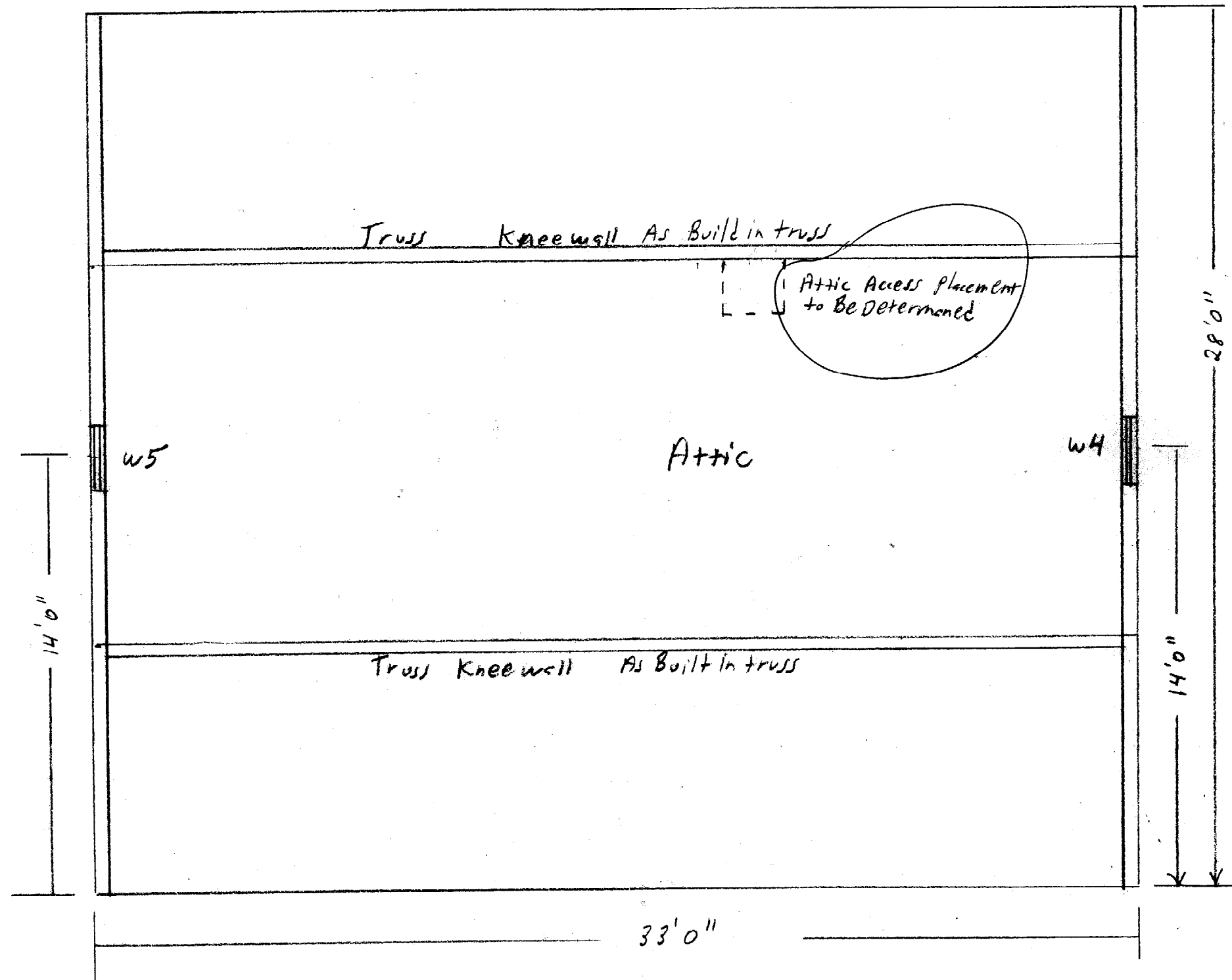


#2



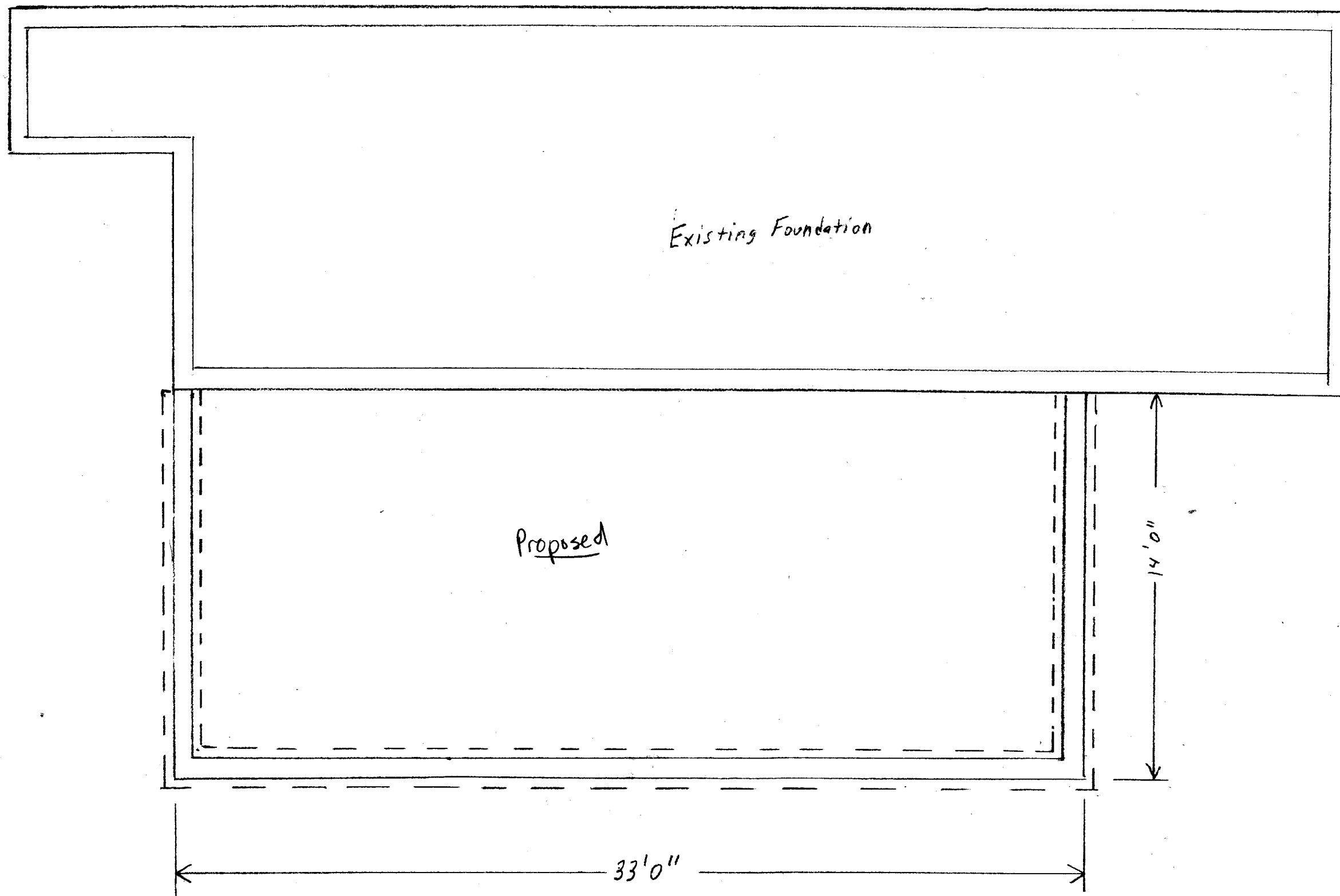
2nd Floor
A+B Chapman
20 Berwick St.
4/23/01 1/4" = 1'0"

#3



Attic
A+B Chapman
20 Berwick St
1/4" = 1'0"

#4



Foundation
A+B Chapman
20 Berwick St.
1/4" = 1'0"

#5

Flashings
sec. 1406. 3.10

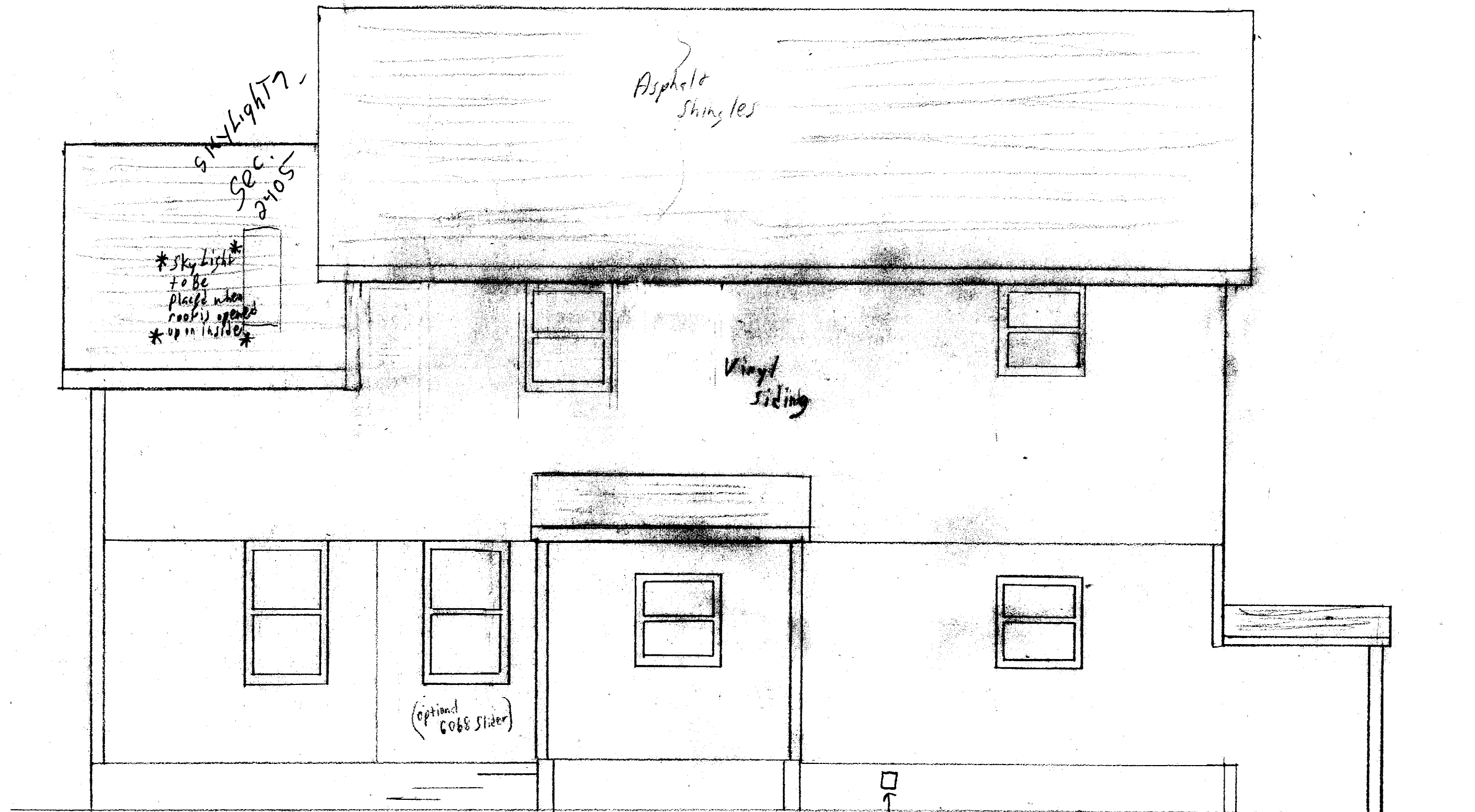


Front

Handrails
sec. 1022.0

1/4" = 1'0"

A + B Chapman
20 Berwick St
Portland ME

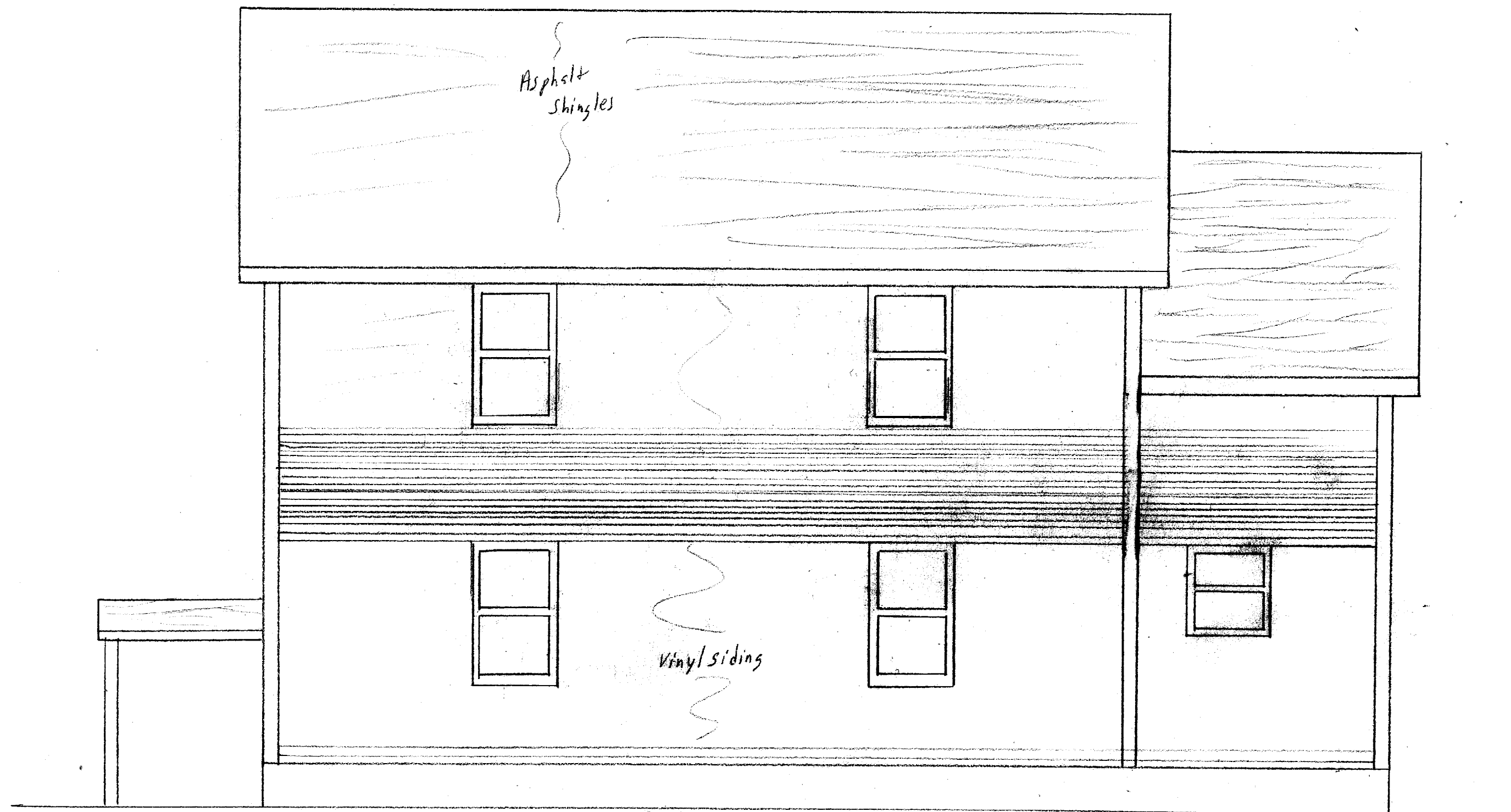


South

Approx. Location of
Direct vent For
Moved Furnace (606)

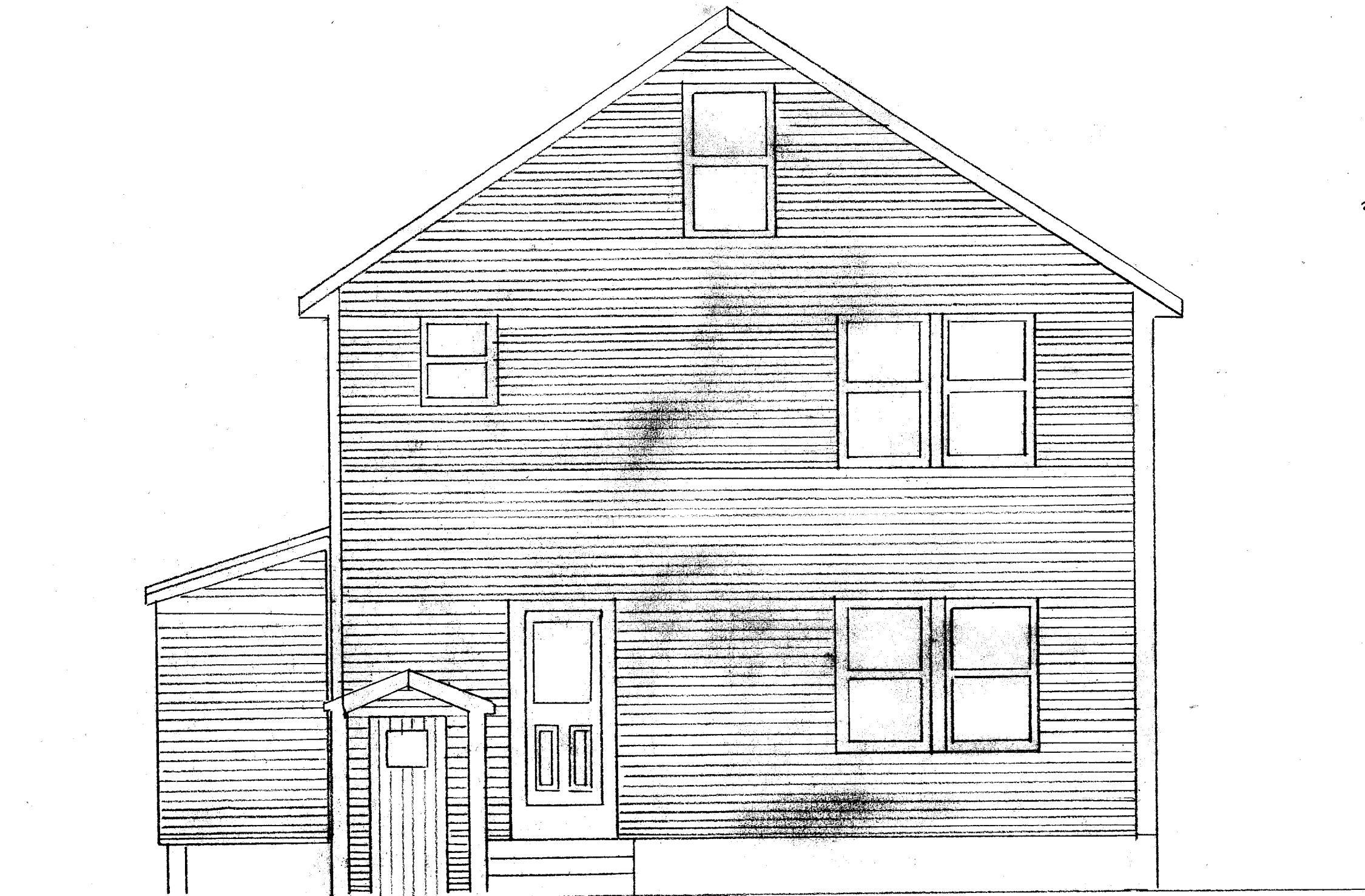
$\frac{1}{4}'' = 1'0''$
A+B Chapman
20 Berwick St.

#7



West

$\frac{1}{4}" = 1'0"$
A+B Chapman
20 Berwick St.

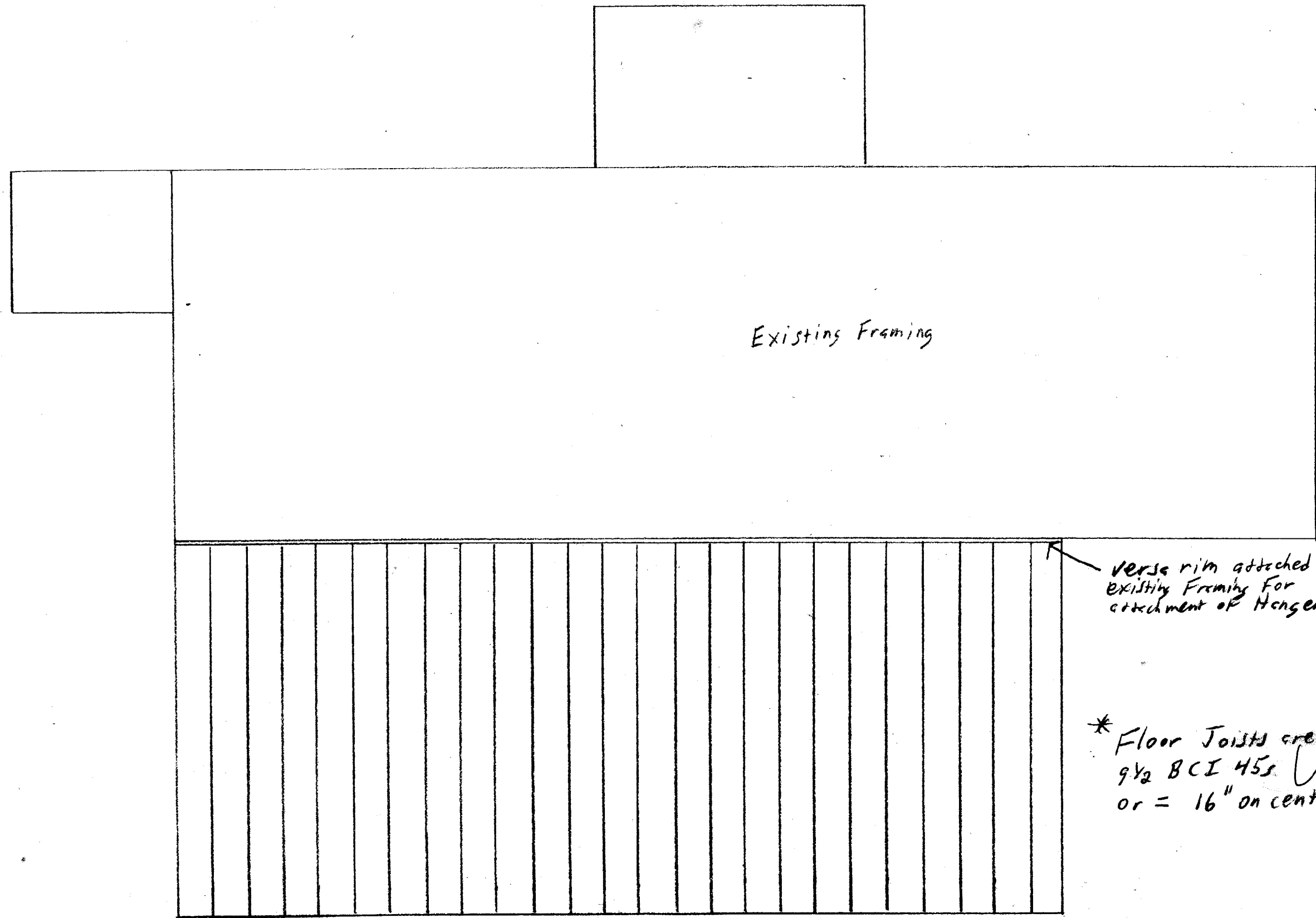


#8

Back

$\frac{1}{4}" = 1'0"$
A+B Chapman
20 Berwick St.

#9

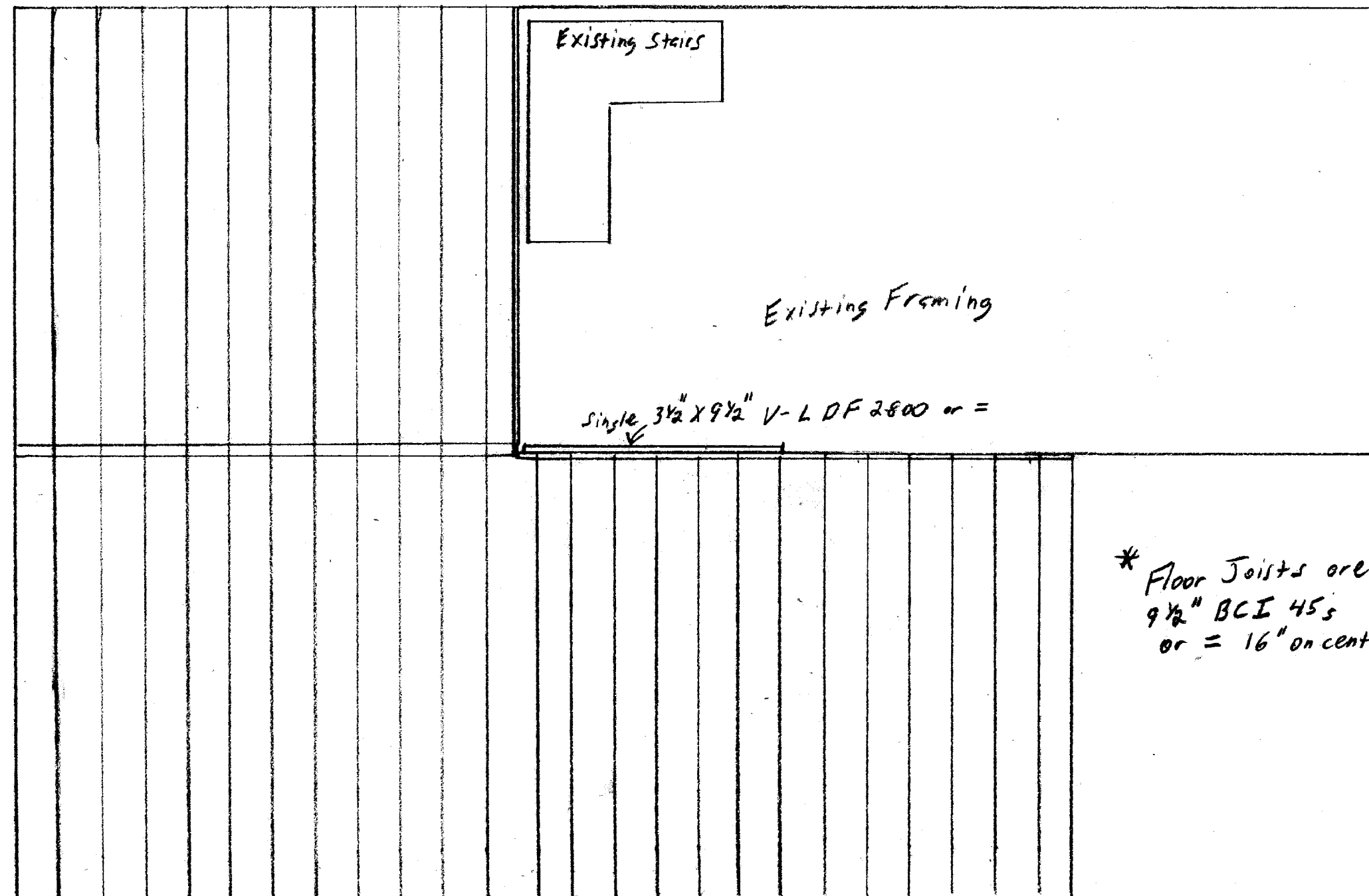


Existing Framing

verse rim attached to
existing Framing for
attachment of Hangers

* Floor Joists are *
9 1/2 BCI 45s
or = 16" on center

1st Floor Framing
A & B Chapman
20 Berwick St
1/4" = 1'0"



Existing Stairs

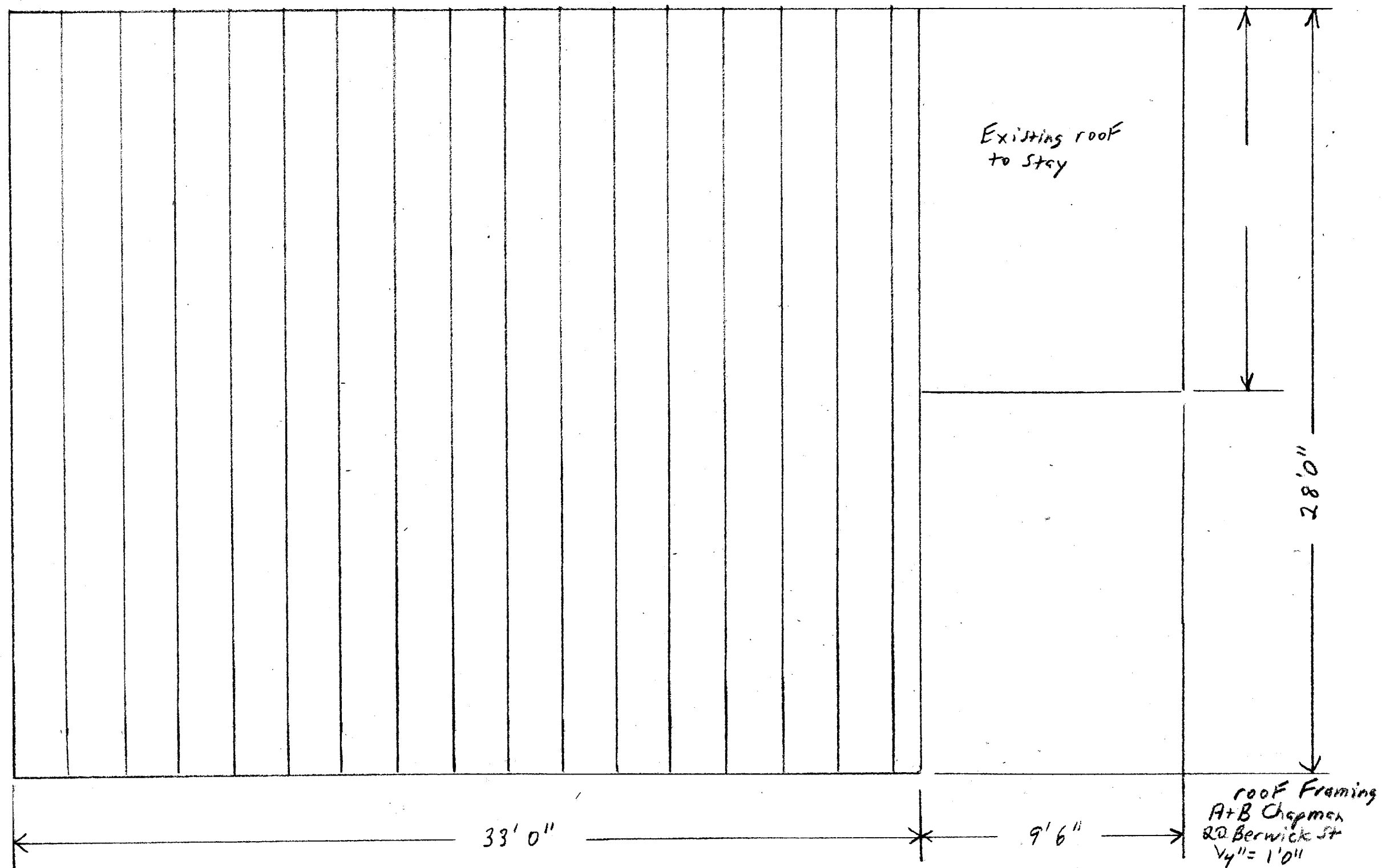
Existing Framing

Single $3\frac{1}{2}" \times 9\frac{1}{2}"$ V-L DF 2800 or =

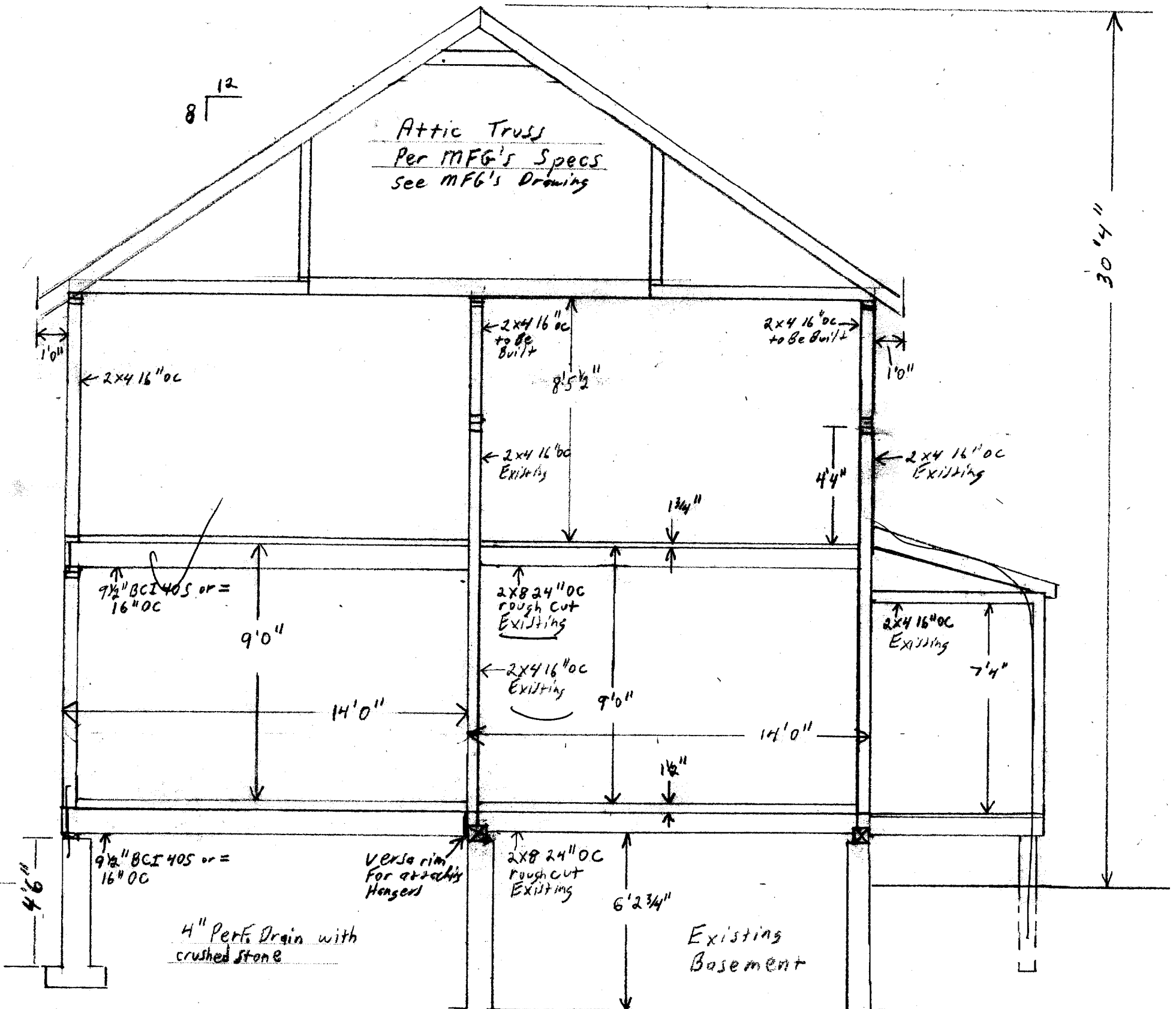
* Floor Joists are *
 $9\frac{1}{2}"$ BCI 45s
or = 16" on center

2nd Floor Framing
A+B Chapman
20 Berwick St
 $\frac{1}{4}" = 1'0"$

#11



#12



1/4" = 1'0"

Section A
A+B Chapman
20 Berwick St.
4/23/01

5/17/01

E = Existing window or door
V = Vacuum outlet for central vacuum
R = Replacement

D
D8 4068 French Doors
D7 3068 - #805
D6 4068 - #550 B4FD 8.1.0.11
D5 2868 - #805
D4 3068 - #805 6 panel
D3 2868 - 5206
D2 3068 - 5206
D1 3068 - 5150 Small door

Door

W6 Venting skylight to be sized
W5 TW to be sized
W4 CTN24/TW 24310
W3 CN 285
W2 TW 3032 (R = replacement)
W1 TW 3052 (R = replacement)
Window - Anderson or equiv
for 20 Berwick Street
Window & Door Schedule

BOISE CASCADE - BC CALC™ 2000a DESIGN REPORT - US

Tuesday, April 24, 2001 10:50

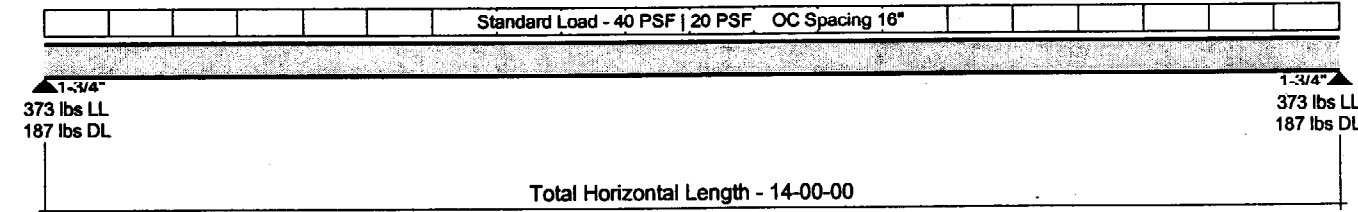


Single - 9 1/2" BCI 45s

Job Name -
Address -
City, State, Zip -
Code Reports - ICBO 5208, BOCA 98-18, SBCCI 9844

File Name: Untitled
Customer -
Specifier -
Designer - Valued Employee
Company: Wood Structures Inc.
Misc: -

Member Diagram



General Data

Version: US Imperial

Member Type: - Joist
Number of Spans: - 1
Left Cantilever: - No
Right Cantilever: - No

Slope: 0/12
OC Spacing: 16"
Repetitive: Yes
Construction Type: Glued

Live Load: 40 PSF
Dead Load: 20 PSF
Part Load: 0 PSF
Duration: 100

Load Summary

ID	Description	Load Type	Ref.	Start	End	Live	Dead	OCS	Dur.
S	Standard	Unf. Area Load	Left	00-00-00	14-00-00	40 PSF	20 PSF	16"	100

Controls Summary

Control Type	Value	% Allowable	Duration	Loadcase	Span Location
Moment	1960 ft-lbs	59.6%	@ 100%	2	1 - Internal
End Reaction	580 lbs	49.8%	@ 100%	2	1 - Left
Total Deflection	L/468 (0.358")	51.2%		2	1
Live Deflection	L/703 (0.239")	51.2%		2	1
Max. Defl.	0.358" (Limit: 1")	35.8%		2	1
Span/Depth	17.7				1

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.
Minimum End bearing length is 1-3/4".

Disclosure

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of Boise Cascade engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation. For glulam inquiries, please call (800)237-4013.

Floor Joists
1st & 2nd Floor



Customer -
 Specifier -
 Designer - Valued Employee
 Company: - Wood Structures Inc.
 Misc: -

Standard Load - 40 PSF | 20 PSF Tributary 14-00-00

2240 lbs LL
1154 lbs DL

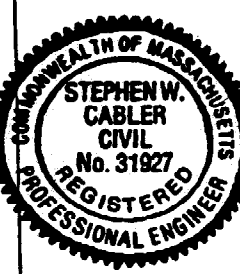
2240 lbs LL
1154 lbs DL

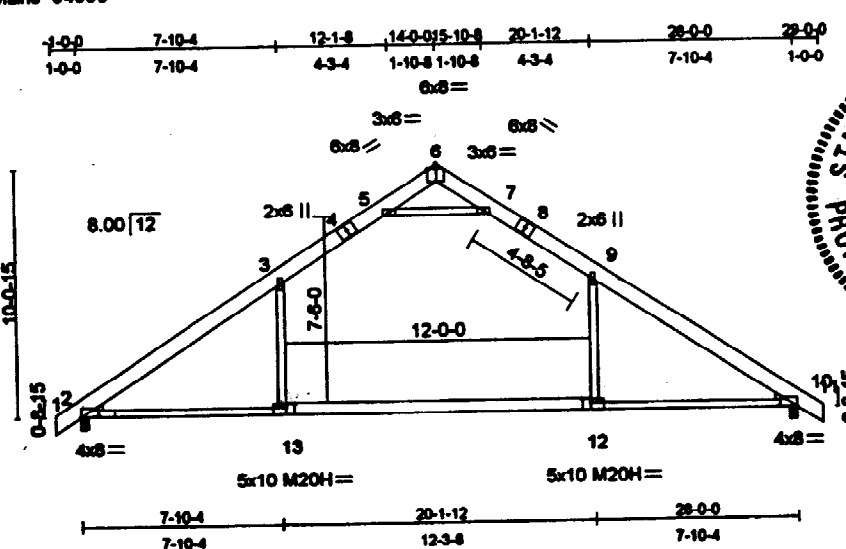
Total Horizontal Length - 08-00-00

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.
Minimum End bearing length is 1-1/2".

Living / Kitchen
area Beam

Job ST-41845	Truss A828R1	Truss Type ATTIC	Qty 50	Ply 1	Sheet 22 of 28 rv-1
Wood Structures, Biddeford, Maine 04005			4.0-32 s Apr 3 1998 MITek Industries, Inc. Fri May 29 11:23:06 1998 Page 1		





THIS TRUSS IS DESIGNED FOR RESIDENTIAL USE ONLY!
30 - LOAD IS ADEQUATE FOR ATTIC LIGHT STORAGE AREA AND/OR SLEEPING ROOMS ONLY!
(30 PSF IS NOT ADEQUATE FOR A WATERBED LOAD, CORRIDORS, OR BASIC FLOOR AREA)




Plate Offsets (X-Y-Z): [2.0-8.0,0.0-4], [10.0-8.0,0.0-4], [12.0-4.0,0.0-1.12], [13.0-4.0,0.0-1.12]					
LOADING (psf) TCCL 42.0 TCDL 7.0 BCCL 0.0 BCDL 10.0	SPACING 2.0-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code BOCA/ANSI95	CSI TC 0.85 BC 1.00 WB 0.74 (Metric)	DEFLL (in) (loc) l/defl Vert(LL) -0.74 12-13 >449 Vert(TL) -1.13 12-13 >293 Horz(TL) 0.06 10 n/a 1st LC LL Min l/defl = 300	PLATES GRIP M20 - 169/123 M20H - 127/93 Weight: 183 lb	

LUMBER

TOP CHORD 2 X 8 SYP 2260F 1.8E

BOT CHORD 2 X 4 SYP 2700F 2.2E "Except"
12-13 2 X 6 SYP 2400F 2.0E

WEBS 2 X 4 SPF-S Stud "Except"

WEDGE Left: 2 X 4 SYP 2700F 2.2E, Right: 2 X 4 SYP 2700F 2.2E

REACTIONS (lb/size) 2 = 2289/O-3-8, 10 = 2289/O-3-8
Max Horz 2 = -261(load case 3)
Max Upft 2 = -196(load case 5), 10 = -196(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2 = 39, 2-3 = -3111, 3-4 = -2253, 4-5 = -2042, 5-6 = 1663, 6-7 = 1663, 7-8 = -2042, 8-9 = -2253, 9-10 = -3111, 10-11 =
BOT CHORD 2-13 = 2239, 12-13 = 2263, 10-12 = 2239
WEBS 5-7 = -4262, 3-13 = -802, 9-12 = -802

NOTES

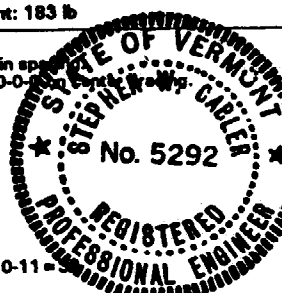
- 1) This truss has been checked for unbalanced loading conditions.
- 2) This truss has been designed for the wind loads generated by 80 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, 100 mi from hurricane coastline, on an occupancy category I, condition I enclosed building, of dimensions 45 ft by 24 ft with exposure C ASCE 7-93 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
- 3) All plates are M20 plates unless otherwise indicated.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 10-B, UBC-94.
- 5) Ceiling dead load (5.0 psf) on members(a). 3-5, 7-9, 5-7
- 6) Bottom chord live load (30.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 12-13
- 7) Provide mechanical connection (by others) of trusses to bearing plate capable of withstanding 196 lb uplift at joint 2 and 196 lb upft at joint 10.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard


BRACING

TOP CHORD Sheathed or 4-8-6 on center purlin spaced @ 4'-0"

BOT CHORD Rigid ceiling directly applied or 10-0-10



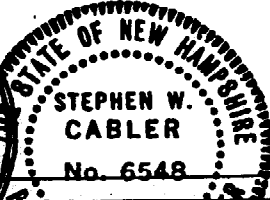
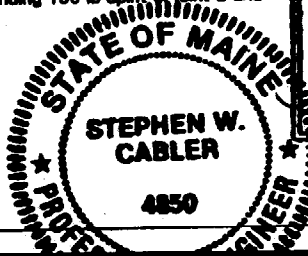
STEPHEN W. CABLER



No. 4597

REGISTERED PROFESSIONAL ENGINEER

JUN 01 1998

WARNING: Verify all design parameters and material specifications shown, and for an individual building component to be installed and loaded vertically in accordance with design parameters and specifications of component is responsibility of building designer - not true designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult AISI-S300 Quality Standard, SPS-80 Bracing Specification, and MS-91 Installation Instructions and Details Recommendations available from Trus Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.