

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 01-0960	Issue Date:	CBL: 061 E001001
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Location of Construction: 15 Vaughan St	Owner Name: Meacham Sarah S	Owner Address: 15 Vaughan St	Phone: 207-780-6640
Business Name: n/a	Contractor Name: Rosewood Design & Const. Co.	Contractor Address: P.O. Box 8248 Portland	Phone:
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Alterations - Dwellings	Zone: R-4

Past Use: Single Family	Proposed Use: Same: Interior and Exterior Renovations Per Plans	Permit Fee: \$1,764.00	Cost of Work: \$290,000.00	CEO District: 3
Proposed Project Description: Interior and Exterior Renovations Per Plans		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>R-3</i> Type: <i>5B</i> PERMIT ISSUED WITH REQUIREMENTS	
		Signature: <i>[Signature]</i>		

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

Permit Taken By: cjh	Date Applied For: 08/07/2001	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 <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>[Signature]</i> 9/10/01	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 type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input checked="" type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved w/Conditions <i>SEE TRACKED C.O.A.</i> <input type="checkbox"/> Denied Date: <i>JAH 8/13/01</i>
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PERMIT ISSUED WITH REQUIREMENTS

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 _____

01-0960

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: 15 Vaughn St. P+ld.

Total Square Footage of Proposed Structure _____ Square Footage of Lot 8,896 sq. ft.

Tax Assessor's Chart, Block & Lot
Chart# 61 Block# E Lot# 1 Owner: Sarah S. Meacham Telephone: 207-780-6640


Lessee/Buyer's Name (If Applicable) _____ Applicant name, address & telephone: _____ Cost Of Work: \$290,000
Fee: \$1,764

Current use: Single family Home
If the location is currently vacant, what was prior use: _____
Approximately how long has it been vacant: _____
Proposed use: Same
Project description: Interior Renovation
Renovate master bathroom, master bedroom, finish attic 3rd fl., replace the slate roof, replace the storm windows.

Contractor's name, address & telephone: Rosewood Design & Const, Co.
Who should we contact when the permit is ready: Steve Childs @ Rosewood
Mailing address: P.O. Box 8248 Pgr. 378-0114
Portland, ME 04104-8248 Phone: 799-0059

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:  Steven E. Childs, Pres. Date: 8-6-01

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

BUILDING PERMIT REPORT

DATE: 10 September 2001 ADDRESS: 15 Vaughan Street CBL: 061-E-001

REASON FOR PERMIT: Interior/Exterior renovations (Single Family)

BUILDING OWNER: Sarah S. Meacham

PERMIT APPLICANT: CONTRACTOR Rosewood Design Co. Inc.

USE GROUP: A-3 CONSTRUCTION TYPE: 5B CONSTRUCTION COST: 20,000 PERMIT FEES: 1,764

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, *11, *13, *16
*28, *30, *31, *33, *35, *36, #32, #38

- *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.
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.
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.
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.
7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed.
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.
9. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code.
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.
12. Headroom in habitable space is a minimum of 7'6".
13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/2" maximum rise.
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches.
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.
17. Each apartment shall have access to two (2) separate, remote and approved means of egress.
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.
19. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment.

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).

38) All the Historic Board requirements and conditions shall be met.

[Signature]
 P. Samuel Hayes, Building Inspector
 Cc: L. McDougall, PFD
 Marge Schmuckal, Zoning Administrator
 Michael Nugent, Inspection Service Manager

PSH 10/00

**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

ROSEWOOD DESIGN & CONSTRUCTION CO.

TRANSMITTAL MEMO

P.O. Box 8248 Portland, ME 04104
 Phone/Fax: (207) 799-0059 e-mail - Rosewood@maine.rr.com

Attention: _____ **Telephone / Fax Numbers:** _____ **Date Sent:** _____

Phone: _____
 Fax: _____ **8-7-01**

Company / Address: _____ **Delivery Method:** _____ **Items:** _____

City of Portland
 Inspections Dept.

- Attached
- Hand-Delivered
- Under Separate Cover Via _____
- Other - E-mail

- Shop Drawings
- Copy of letter dated _____
- Prints
- Change Order
- Samples
- Specifications
- Other
- Copies (See below)

Items - Detail

Copies	Date	No.	Description
1 Set			Mecham Blue Prints
1 Set			Mecham Specifications
1	8-6-01		Building Permit Application

Purpose

<input type="checkbox"/> For approval <input checked="" type="checkbox"/> For your use <input type="checkbox"/> As requested <input type="checkbox"/> For review and comment <input type="checkbox"/> For bids due on _____	<input type="checkbox"/> No exception as submitted <input type="checkbox"/> Make changes noted <input type="checkbox"/> Revise and resubmit	<input type="checkbox"/> Resubmit ___ copies for approval <input type="checkbox"/> Submit ___ copies for distribution <input type="checkbox"/> Return ___ corrected prints	<input type="checkbox"/> Rejected <input type="checkbox"/> Review and comment <input type="checkbox"/> Other
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Remarks

To whom it may concern,
 Attached is project information for the Mecham Renovation.
 If there are questions, I can be paged @ 378-0114.
 Steve Childs

Copy to: me Signed: Steve Childs
 Steve Childs

If enclosures are not as noted, kindly notify us at once.

CITY OF PORTLAND, MAINE
HISTORIC PRESERVATION COMMITTEE

Edward Hobler, Chair
Rick Romano, Vice Chair
Susan Wroth
Camillo Breggia
Robert Parker
Steve Sewall
Cordelia Pitman

April 13, 2001

Ms. Sarah Meacham
15 Vaughan Street
Portland, ME 04102

RE: 15 Vaughan Street – Exterior Alterations
CBL: 061-E-001

Dear Ms. Meacham:

On April 13, 2001, the City of Portland's Historic Preservation Committee voted on two motions related to your application for a Certificate of Appropriateness for exterior alterations to 15 Vaughan Street. They are as follows:

1. The Committee voted 4 to 1 (Breggia opposed, Parker and Sewall absent) to approve the proposed dormer alterations as submitted.
2. The Committee voted 1 to 4 (Hobler, Pitman, Romano, and Wroth opposed, Parker and Sewall absent) on the motion to approve the proposed skylight as submitted (Motion failed).

In their discussions, Committee members emphasized the importance of maintaining the integrity of the building's slate roof, and indicated that the introduction of a skylight into the roof plane could not meet the historic preservation ordinance's standards. The Committee did recognize that the new window proposed for the dormer retained enough of the dormer's character-defining features, and could be easily reversed in the future.

All improvements shall be carried out as shown on the submitted plans and specifications. Changes to the approved plans and specifications and any additional work that may be undertaken must be reviewed and approved by this office prior to construction, alteration, or demolition. If, during the course of completing the approved work, conditions are encountered which prevent completing the approved work, or which require additional or alternative work, you must apply for and receive a Certificate of Appropriateness or Non-Applicability PRIOR to undertaking additional or alternative work.

This Certificate is granted upon condition that the work authorized herein is commenced within twelve (12) months after the date of issuance. If the work authorized by this Certificate is not commenced within twelve (12) months after the date of issuance or if such work is suspended in significant part for a period of one year after the time the work is commenced, such Certificate shall expire and be of no further effect; provided that, for cause, one or more extensions of time for periods not exceeding ninety (90) days each may be allowed in writing by the Department.



CITY OF PORTLAND, MAINE
Department of Building Inspection

8/7 20 01

Received from Rosewood Design a fee

of One thousand seven hundred/100 Dollars \$ 1,764.⁰⁰

for permit to install
erect
alter sixty-five
Interior Alterations

at 15 Vaughn St. move
demolish Est. Cost \$ 290,000.⁰⁰

CBL# 061-E-001

CK# 2760

Inspector of buildings
Per Ch [Signature]

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$5.00 or 10% whichever is greater.

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Auditors Copy

MEACHAM HOUSE
15 VAUGHAN STREET PORTLAND MAINE 04102



OUTLINE SPECIFICATION
17 APRIL 2001

REDHOUSE ARCHITECTS
10 Danforth Street Portland ME 04101
207-773-8681

ROSEWOOD DESIGN & CONSTRUCTION
P. O. Box 8248 Portland ME 04104
207-799-0059

REDHOUSE ARCHITECTS

SARAH S. MEACHAM HOUSE

15 Vaughan Street Portland ME 04102

17 April 2001

OUTLINE SPECIFICATION for 2nd AND 3rd FLOOR RENOVATIONS

SECOND FLOOR

North Bedroom

ELECTRICAL

Add one new white Hunter Lo-Profile Ceiling Fan with wall mounted switch and controls.

FINISHES

Cut/Patch ceiling and Wall as needed and re-paint.

Hallway

CARPENTRY

Remove Door 6 and all door trims at narrow closet near the Main Bedroom entrance. Infill this opening with new framing and unfaced fiberglass insulation.

ELECTRICAL

Remove light and phone wires from narrow existing hall closet (behind Door 6). Install two new hard-wired smoke detectors, one at either end of this hallway.

Add seven new recessed ceiling fixtures at center of Hallway ceiling, with wall mounted dimmer switch adjacent to existing switch and wall sconce.

(continued)

Hallway (cont.)

FINISHES

Install new drywall at infilled narrow opening. Cut/Patch/re-finish ceiling and wall as needed to install new drywall, fixtures & switch, and re-paint. Sand and re-finish the hallway floor and the treads of the Main Stair

Guest Bedroom

ELECTRICAL

Add one new white Hunter Lo-Profile Ceiling Fan with wall mounted switch and controls.

FINISHES

Patch ceiling and wall as needed and re-paint.

Guest Bedroom Closet

CARPENTRY

Open up and re-frame wall between Main Bath and this Guest Closet to MAXIMIZE space in the bathroom . Remove wall between Guest Room Closet and Main Bedroom Closet to make one new larger closet, accessible from the Guest Room side only. Patch floor as needed. Remove door and frame from Main Bedroom's existing closet door and infill opening with new framing. Save Door 2 for re-use at third floor's Storage 3 room. Insulate new wall cavities with unfaced fiberglass. After drywall is in place, install new baseboard trim and re-install the two existing closet rods .

HVAC

Move 6"Ø cast iron plumbing vent pipe as needed to gain space at the bathroom.

ELECTRICAL

Existing two closet pull chain ceiling fixtures to remain. Replace existing incandescent lamps with fluorescent lamps. Install one new 2'-0" fluorescent tube fixture above door to Guest room and install new switch for this fixture at the door jamb.

(continued)

Guest Bedroom Bath (cont.)

FINISHES

New drywall as needed. Patch existing drywall and paint/re-paint walls, door, and trims. Re-finish patched areas of closet floor as needed.

Main Bedroom/ Main Bedroom Closet

DEMOLITION

Remove two small closets, saving both doors in basement for future use. Remove ceiling throughout and save any removed trims. NOTE : Bob Swift will review the possibility of using the large 3rd floor fir beams instead of the W8x18 steel beams, if there is enough room to set them into the floor (or ceiling) between 2nd and 3rd floors..

Cut new 4'- 0"x 6'- 8" opening for new Main Bedroom Closet. Demolish short party wall of the adjacent small office closet, so that the Main Bedroom Closet can be as wide as possible.

HVAC

Remove existing baseboard heat at Main Bedroom. Install new Runtal white baseboard radiators.

CARPENTRY

Frame and insulate new wall at new Main Bedroom Closet between Main Bedroom and the adjacent small office. Frame new wall adjacent to the existing fireplace, which will enclose a new base cabinet with upper open shelving. Patch existing floor as needed after wall removals.

Trim new closet door opening to match existing door trims. Install a pair of new 2' - 0"x 6' - 8" doors (Price custom doors to match existing panel door dimensions or new stock doors which come close to the existing door dimensions. Install new closet rods at new closet : 2'+ of single high rod and 2"+ of double (high AND low) rods.

Fabricate and install custom poplar 28" deep base cabinet and doors, with 12" deep poplar shelving above. Install magnetic catches, brass hinges , and polished brass knobs for new closet doors and base cabinet doors.

ELECTRICAL

Remove existing phone jacks. Re-locate existing cable TV entrance at window trim. Remove existing outlet at location of new double doors (Doors 8 and 9). Install new outlets to code and per Drawing E2. review by Owner.
(continued)

Main Bedroom/Main Bedroom Closet

ELECTRICAL (cont.)

Install new phone jacks, computer outlets, an intercom connecting to the Kitchen, and cable (TV and Roadrunner). Install one new 4' - 0" fluorescent tube fixture at new Main Closet, switched in the door jambs. Install new recessed light fixtures and their switches, and two new white Hunter Lo-Profile ceiling fans and their switches/controls. Install one new hard wired smoke detector.

FINISHES

Install new sheetrock or patch existing walls for paint finish. paint new cabinets and shelving, new and existing doors and trim. Blend and finish (with satin acylic) patched floor areas into existing natural finish floor as needed. Re-finish entire floor when hallway floor is done.

Main Bathroom

DEMOLITION

Remove existing tile, wall plaster, flooring, ceiling, sink, baseboard heat, electrical fixtures/outlets, tub, and toilet. This existing toilet will be re-used in this same location. This existing cast iron tub to be re-used at the New Bath on the third floor!

CARPENTRY

Provide temporary scaffolding/shoring walls to support the joists during the removal of the fir beams and the installation of the W8x18 steel beams at the third floor structure.

Remove window trim as needed to prepare for new wall tile. Save and re-use this trim. Re-frame north wall of Bathroom to gain as much space as possible. Insulate new and exposed partitions with unfaced fiberglass.(Pay particular attention to insulating the exterior wall. Add solid blocking for new grab bars at north and west walls of tub area. Frame new platform for new stainless steel tub. Finish framed walls , and ceiling over the tub, with cement board for tile installation. Frame new opening for recessed medicine cabinet. Locate vent/duct for new vent fan. Build or provide new vanity for solid surfacing countertop backsplash, and new undermount sink. Build or provide recessed medicine cabinet with framed mirror doors.

(continued)

Main Bathroom

CARPENTRY (cont.)

Provide 2' x 5' mirror in 3" poplar frame for south wall mounting. Install new polished chrome shower curtain pole at tub/shower and one surface mounted retractable clothesline (by Bobrick, # B-636). Please see HVAC section for other Main Bath accessories.

ELECTRICAL

Install new GFI outlet. Wiring/switches for new recessed ceiling and wall mounted light fixtures, one new vent fan, one smoke detector, and one lighted magnifying mirror. (NOTE : The chrome backplate for the lighted magnifying mirror may also serve as the cover plate for the GFI outlet.)

HVAC

Remove and cap existing plumbing lines. Install new Runtal 24"Wx26"H radiator "omnipanel" under existing window. Install duct for vent fan. (NOTE : Can the duct go up and share the duct with 3rd floor New Bath vent fan and then out at roof near, and flashed with, the existing skylight??) Install new Kohler stainless undermount sink at vanity, with polished chrome faucets to match the Chicago faucets at Guest Bathroom. Install new 31"W x 48" L x 32"D custom stainless steel Japanese soaking tub fabricated by Diamond Spas, Inc. This tub will be self rimming, and set into a tiled platform. The tub will not be supported by the rims, but from a saddle frame below. Add additional foam insulation to this cavity, provided that it is compatible with the foam used on the tub itself. Install a new polished chrome tub fill spout, and new shower head, hand shower, and controls at new shower. Re-install existing white toilet after the tilework is completed. Bathroom accessories: two 24" towel bars, three hooks, one soap dish, all in polished chrome finish, one toilet paper holder, and two stainless and (peened) grab bars, 36" and 42" long, mounted at tile walls with solid blocking behind them.

FINISHES

American Olean Porcelain unglazed tile, 2"x 2" #A-13 "WHITE" with light gray grout at tub surround, at all walls and at the ceiling above the tub/shower. All necessary cove and trim pieces will be used at corners and intersections, corners, and edges of tiled surfaces. Paint ceiling where not tiled. Use high gloss paint for the window, all cabinets, trims, and the door. Solid surfacing countertop and 4" vanity backsplash to be 1 1/2" thick Gibraltar product, #1573-SL, "Frosty White". (continued)

Main Bathroom

FINISHES (cont.)

The pull on the vanity door to be 1" O, in polished chrome. The medicine cabinet door pull will also be polished chrome, and of a smaller size.

THIRD FLOOR

Building Envelope and Structural Changes

ROOF

Victor Wright will be re-roofing those areas not recently already re-roofed with new green weathering slate. The "old " weathering slates will be removed and salvaged, in exchange for putting up all necessary scaffolding for the roofing work. All new flashing to be copper. The existing skylight will be lengthened. The new curb will be built and flashed, and the new skylight will be a copper Velux skylight, with insulated "Comfort Plus" glass, a rain sensor, and a motorized venting system.

SOUTH DORMER WINDOW / SMALL OFFICE WINDOW

Changes to the small slate covered south facing dormer were approved by the City's Historic Preservation Committee on April 12, '01.

These changes include cutting the existing dormer's pediment trim in order to install a new (6 over 1) wood double hung window. Every effort shall be made to have the new window match the profile of the existing third floor double hung windows. The framing and finish carpentry work necessary to this installation will be done from the roofing scaffolding, before the dormer's new flashing, slate siding and roofing are installed.

(The existing 38"Wx 24"H dormer window and the removed section of pediment trim will be removed, saved, and stored in the cistern .)

A second new window will be installed at the Small Office room. This new window, will be a custom casement window, and will have two operable panels, where the existing window, now an awning in poor shape, is only one. This new casement window will also match the wood finish and profile of the house's existing third floor windows.

CHIMNEYS

At the same time the roof work is being done, the three existing chimneys will be photographed before being dismantled to an elevation below the roof.

(continued)

Building Envelope

CHIMNEYS (cont.)

The chimneys will then be re-built to their existing configuration with NEW flashing, using the same bricks and identical mortar color. The intent is to have the "new " chimneys look EXACTLY as they did before the restoration work began. The chimneys will be lined, and all existing openings for the boiler, fireplaces, woodstoves, cleanouts, et al, will be protected during the lining process.

FOAM INSULATION

After all of the electrical and HVAC work (with extra conduit in place as needed) is done at the third floor, and before the chimneys are re-built, the entire envelope will be insulated with closed cell, non- cfc urethane foam. The scope of work is outlined in the proposal by FOAM TECH, Inc of Thetford, Vermont. All foam insulation work will be done and tested by this same company. See the attached FOAM TECH, Inc. proposal, dated 12 March 2001.

NOTE : As there is some smell associated with the application of this foam, those in the household, and, if the Owner thinks it is warranted, the neighbors, should be notified of the application schedule. This is especially important if outside temperatures are warm with prevailing breezes from the SW and adjacent spaces/houses are likely to be open.

STRUCTURE

Frame two temporary walls at 2nd floor bedroom to support 3rd floor joists while existing fir/new steel beams are removed/installed.

Remove two existing fir 9"x12" existing fir beams, and install two new W8x18 steel beams in the floor above the Main Bedroom. Re-cycle/sell the two existing 9"x12"x ± 18' fir beams, with the proceeds credited to the Owner. Provide a new post under the west end of the beam beneath the double gable which faces Orchard Street. this new post will be within the partition wall for room Storage 3.

Stair Hall (from the Kitchen all the way up to the Attic)

ELECTRICAL

Wiring for new stairway light fixtures and switches according to Drawings E2 and E3. Wiring from NEW 200amp service in the basement to a NEW panel in the northeast corner of the third floor Work Room will go up in a new chase alongside the Chimney in the Stair Hall.

(continued)

Stair Hall

ELECTRICAL (continued)

Do NOT use the laundry chute for any additional wiring or plumbing. Install a new surface mounted fixture at ceiling of the top landing at the Stair Hall. Install one new hard wired smoke detectors at each landing of the Stair Hall.

CARPENTRY

Framing for a new HVAC/Electrical chase at the Stair Hall, beside the chimney, NOT in nor beside the laundry chute. Install new lengths of fir railing, with brass supporting brackets, along the right side wall of the stair as you climb up it. Remove the panels from existing Doors 13 and 15 and replace them with translucent glass.

HVAC

There will be NO heat in this Stair Hall.

FINISHES

Cut/patch plaster walls and ceilings as needed to install new light fixtures and switches. Paint walls and ceiling and all windows, doors, and all Stair Hall trim. Above the second floor landing there will be wall to wall carpeting (with pad) at the stairs and the third floor landing.

ALL STORAGE AREAS (Storage Rooms 1, 2 and 3)

NOTE : At room Storage 1 there is an existing cistern from the days when water was collected from the roof and stored for household use. This will not be removed from this area, but AFTER the drywall and painting work is done, the cistern will be stood on it's end, with the concave water storage side facing the room(facing west). then the underlayment and carpet will be installed. Block cistern as needed to insure that it does not fall over!

CARPENTRY

Frame new walls with 2x4's, unfaced fiberglass, and sheetrock. Install unfaced fiberglass batts in all interior partitions. Prepare existing floor surface for, and install underlayment for pad and wall to wall carpet installation at all Storage Rooms. Install and support new fir closet bars as shown on plan A3. Door 18 will be a custom new short two panel door, with stiles matching the existing door stiles' dimensions.

(continued)

Storage Rooms 1, 2, and 3 (cont.)

FINISHES

Install new 1/2" drywall along all roof planes to the floor for paint finish.
Install underlayment for pad and wall to wall carpet installation.
Paint all doors and trims.

ELECTRICAL

Install new surface mounted fluorescent tube fixtures with switches near doors, per plan E3. Install one smoke detectors at each storage room.

HVAC

There will be NO heat installed in these three storage rooms.

Small Office & Closet

DEMOLITION/CARPENTRY

Cut new opening for Door 16 (new door to the Bathroom), and install new door trim. Replace the panels in the Office entry door(Door 15) with translucent glass. Install new hardwood threshold at new doorway. Install new casement window at existing awning window opening. Profile of the new wood window to match the existing third floor windows, and have tempered glass. Install new closet rod.

FINISHES

Cut/Patch plaster for paint finish. Install pad and wall to wall carpet.
Paint all windows, doors and trim
Replace panels in existing 2' - 6" x 6'-8" four panel door(Door 15) with new translucent glass. Install new privacy lockset at new door(Door 16) to New Bath room. All new hardware to have brushed chrome finish and be of excellent quality. Review hardware selection(Mfg. and style)with Owner.

ELECTRICAL

Install additional outlets to code. Install one new fluorescent tube light fixture at the closet, switched at the Door 14 jamb.
Install one new surface mounted ceiling light fixture and switch. Install one new smoke detector.

HVAC

Remove existing baseboard heating elements. Install new Runtal baseboard radiators and trims.
(continued)

New Bath

CARPENTRY

Frame new 2 x 4 partitions to enclose existing post and re-located cast iron vent pipe. Install solid blocking for tub/shower grab bars. Frame for new recessed medicine cabinet and towel storage cabinet to extend into the adjacent Storage 2 room (and be low shelving at that side.) These cabinets will have poplar trim, and fixed shelving for paint finish. The medicine cabinet will have framed mirror doors. The towel cabinet will have solid flat panel doors. All four cabinet door pulls to be polished chrome, 1" O.

Frame new openings for Doors 16 and 17 (which are used doors, currently stored in the basement). Door 17 will have a fixed Brosco (11 3/4" x 2' -3" four lite barn sash above it, to let daylight into this bathroom. There will be a new vanity, with a solid surface countertop (for an undermount sink) and 4" backsplash. Intall a new polished chrome shower curtain rod, and one new surface mounted retractable clothesline by Bobrick, #B -636.

ELECTRICAL

New GFI outlet and smoke detector. Install new surface mounted and pendant light fixtures and switches.

HVAC

One new Nutone Vent Fan/Light (vented WITH 2nd floor vent fan, and adjacent to/flushed with the skylight. Install new Runtal "omnipanel 24" x 43" radiator. Plumbing fixtures: One new Kohler undermount white cast iron sink at the vanity, with polished chrome Chicago faucet to match new faucet at the 2nd floor Guest bath. One new Kohler "Antiquity" toilet, white. Please re-use the cast iron tub from the 2nd floor Main Bath, with new tub/shower controls. Other bathroom accessories: Two 24" towel bars, one soap dish at tub, one toilet paper holder mounted on the vanity, and four hooks, ALL in polished chrome finish. Install two new stainless steel, peened grab bars at the tub. Rough in waterlines and drain for future sink at southeast wall of this bathroom on the Work Room side.

FINISHES

Install cement board for wall/ceiling (over tub/shower only) tile installation. Use American Olean unglazed 2" x 2" porcelain tile, # A-55 "DOE", with grout color chosen by the Owner. Install all necessary A. O. tile trims, coves, and corners. Use poplar for paint finish for new cabinets and vanity. Vanity countertop and backsplash to be Gibraltar, 1 1/2" solid surface, # 1573-SL, "Frosty White".
(continued)

Work Room

CARPENTRY

Remove 9"x 12" fir beams and install new w8x18 beams. Install new post under the unsupported end of the beam under the double gable end. Frame knee walls and openings, and enclose chimney as shown on the plan, Drawing A3. Frame new openings for new double hung window at the small dormer, and the expanded (in length only) skylight. Trim 4x 4 post for wiring and new lighting fixtures. Install new Brosco double hung window at the stair landing interior partition wall. Install new poplar baseboard, door and window trim, to match existing Small Office trims, for a paint finish. Fabricate and install a custom low cabinet (in poplar for a paint finish) at the entry to the Work Room. This low counter will have a kick space all around, a base cabinet, and open shelving, both accessible from the Orchard Street(north) side only. Install a horizontal blocking/mounting box for the southwesternmost new ceiling fan at the peak of the gabled space. Price options for new storm window/screed units for all 3rd floor window openings, and review with the Owner. NOTE: The Portland Historic Preservation Committee approved changes to the small southern dormer on 4/12/01. Installing a new window and cutting the pediment trim to accomplish this will be reviewed carefully before the work is started.

ELECTRICAL

Install new electric panel at northeast corner. Rough in wiring for future stove and refrigerator at southwest wall party to New Bath. Install new surface mount, track and light fixtures and their switches per plan E3. Install two new "Cirrus Short" ceiling fans with lights and wall mounted controls. (Modern Fan Co.) Install two new smoke detectors, intercom, phones, cable and computer wiring. Add extra conduit in cavities? All wiring to be in place before the foam insulation work is started to make it unnecessary to cut into the ~~the~~ foam. New round white thermostat for the new zone of heat (and the new section of the Boiler which heats this zone). All plumbing and venting to be done before the foam insulation work is done. Install new Runtal baseboard radiators per plan A3. Include 8" or 12' solid corner joints and end caps.

FINISHES

Install 1/2" drywall for paint finish. Paint all new windows/doors, trims, existing windows/doors, and finished millwork.

(continued)

Work Room

FINISHES (cont.)

Install underlayment, pad and wall to wall carpet throughout the Work Room space. Final selections of all carpet by the Owner.

MISCELLANEOUS PROJECT NOTES

GENERAL

Please note that the Owner will be living in the house for the duration of this job. Protect adjacent living spaces, finishes, and the site from wear and tear. Be considerate of those in the house and in the neighborhood. No smoking in the building.

The City will be working on the adjacent streets this spring and summer, so access to/from the site may be congested at times.

FOAM INSULATION

In order to insure the tightest building envelope and optimal insulation job, the third floor wiring, plumbing work will be done, and the chimneys taken down, before the foam is sprayed.

ELECTRICAL

All devices, switches, and coverplates to be WHITE. Please change any existing ivory outlets and switches to WHITE.

All recessed lights to be on dimmer switches.

Review locations of fixtures, outlets, and switches with Owner in the ~~Space~~ There will be a new 200 amp service to the house, and installed at the Northeast corner of the basement. There will be a new panel at the third floor space.

Lighting fixtures were, in large part, selected through LIGHTINGWORKS. A deposit should be sent ASAP to Kendall Willard there. (See Attached list)

Items remaining to be specified include :

The two Nutone bathroom units (One, at the 3rd floor NEW bath, a fan/light, and the other, at the second floor MAIN bath, a vent only fan. An Intercom unit, connecting the Main Bedroom and the Work Room with the first floor Kitchen.

(continued)

MISC. PROJECT NOTES

ELECTRICAL (cont.)

A Baci(or equal) lighted Magnifying Mirror unit for the Main Bathroom. The allowance for this "fixture" is \$450. The Owner will review the BACI fixture that is at Decorum.

Computer wiring is simply a three prong outlet with adjacent phone and cable jacks for internet connections. There is no special computer cable.

HVAC

Coordinate entrance of NEW gas line from the street.

New Boiler section to accomodate the additional 3rd floor heating. Improve water heating capacity, AND water pressure for entire house. (Note that the new stainless tub uses 150 + gallons of hot water!)

Cheryl/Carlo Doria have a list of chosen plumbing fixtures. One outstanding item to select is the stainless soaking tub's fill spout.

The deposit for the stainless steel tub should be sent ASAP to Diamond Spas, Inc. (See Attached contract form and sketch from Diamond Spas.)

See attached list of off the shelf Runtal radiators for the second and third floor spaces prepared by Jim Graham at Runtal North America, Inc. Carlo Doria to review design for heating with these radiators? Thanks.

HARDWARE

Review options for top quality door hardware with the Owner. Finish on 2nd Floor hardware to be polished brass, except for knob at Main Bath side of Door 1. Finish on 3rd floor hardware to be brushed chrome.

FINISHES

PAINT

The paint for this entire project will be California brand, in two colors :

All walls, ceilings : California "CHINA WHITE" in flat or eggshell finish. (Consult with Owner... Eggshell at bathroom ceiling areas which are not tiled?)

All trims, windows, doors, cabinets : California "SUPER WHITE" , in HIGH gloss finish.

(continued)

MISC. PROJECT NOTES FINISHES (cont.)

TILE

Paul White Tile Co. will be re-working a small area of floor tile at the 2nd floor GUEST BATH, at some time that is convenient for the scheduling of this renovation work and the Owner. Please coordinate with Dick Daniels at Paul White Tile.

CARPET

The Owner has been reviewing options for carpet with designer Christine Maclin. It is assumed at this point that the Storage Rooms will have one carpet, and all other areas, another carpet. Review schedule for final selection/ordering of these carpets.

CARPENTRY/MILLWORK

Details of some millwork at 1/2" = 1' - 0" scale are not complete at this mid-April date, though the intent and finishes are clear, we hope. Review opportunities for using manufactured vanity and shelving units where possible.

Attached :

Proposals from :

FOAM TECH, Inc.

Lightingworks

Diamond Spas, Inc.

Runtal North America, Inc.

and

SWIFT ENGINEERING:Structural Plan with Notes,2/23/01

END OF OUTLINE SPECIFICATION

Diamond Spas Inc

Custom Stainless Steel and Copper Products

(303) 665-8303 phone (303) 664-1293 fax

Date: April 13, 01

Number of Pages Including Cover: 3

To: Jerry

Fax: 207-773-5123

From: Jamie

RE: _____

Jerry-

Here is a formal est. and final print (we hope)

If everything looks good and we are ready to
move ahead please sign back and fax these

back to me. Once we get the 50% deposit (\$157,45)

we will be ready to get going. If changes
need to be made please let me know.

*Thank
J*

Diamond Spas, Inc.

Stainless Steel Bath Fixtures

760 S. 104th Street

Broomfield, Colorado 80020

1.800.951.SPAS (7727)

Fax 303.665.1293

www.diamondspas.com

E-mail: customerservice@diamondspas.com

Preliminary Estimate

Prepared For: Carlo Doria/Jenny Scheu

Date: 4/13/01

Address: 15 Vaughn

City/State: Portland, ME 04102

Phone/Fax: 207*773*8681/207*773*5173

Product Code	Description	Dimensions	List	Cost
#9999	Stainless Steel Japanese Soaking Tub	31"x48"x32"	\$2083.20	\$1562.40
#D/O	Geberit Brushed Nickel Overflow and Drainage System			\$ 180.00
#I-21	Shell Insulation		\$ 363.00	\$ 272.50
#SHP	Shipping Charge			\$ 300.00

TOTAL ESTIMATED COST: \$ 2314.90

Material: 304, 16 and 14-gauge stainless steel

- All fixtures exhibit DSI's hand buffed finish and visible weld seam.
- Lead Time: 3 to 5 weeks
- Deposit: DSI does require a 50% deposit before fabrication can begin.
- Balance COD
- DSI does not pay for shipping.



If terms are acceptable please sign and return with deposit.

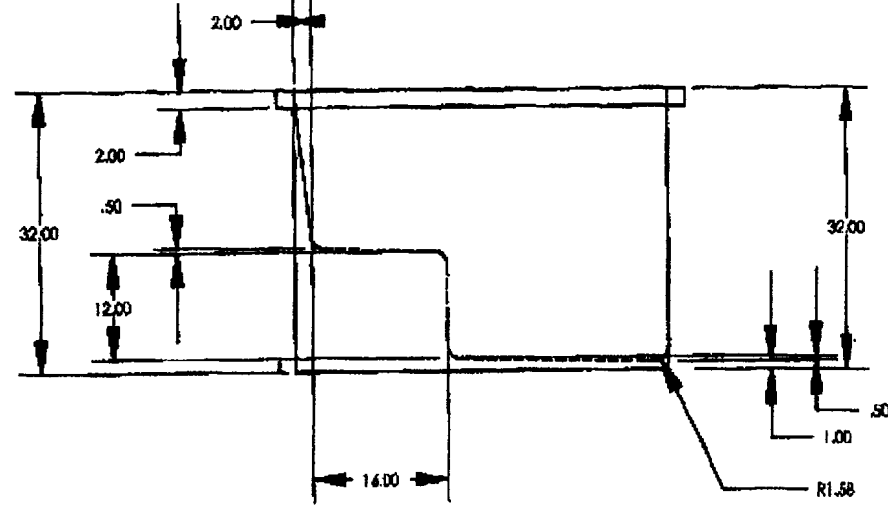
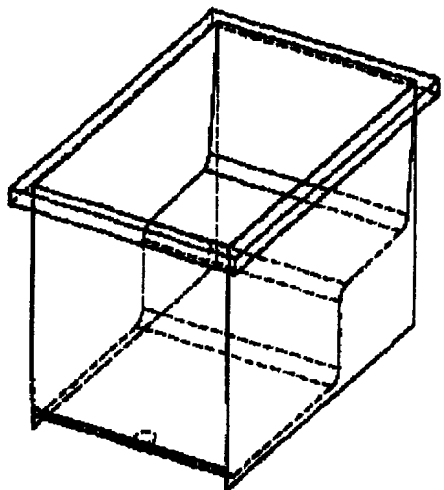
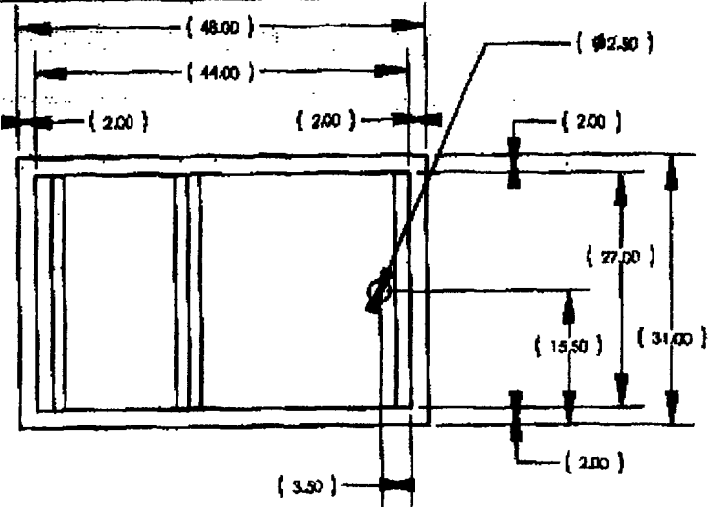
Name: _____

Date: _____

Thank you for the opportunity.

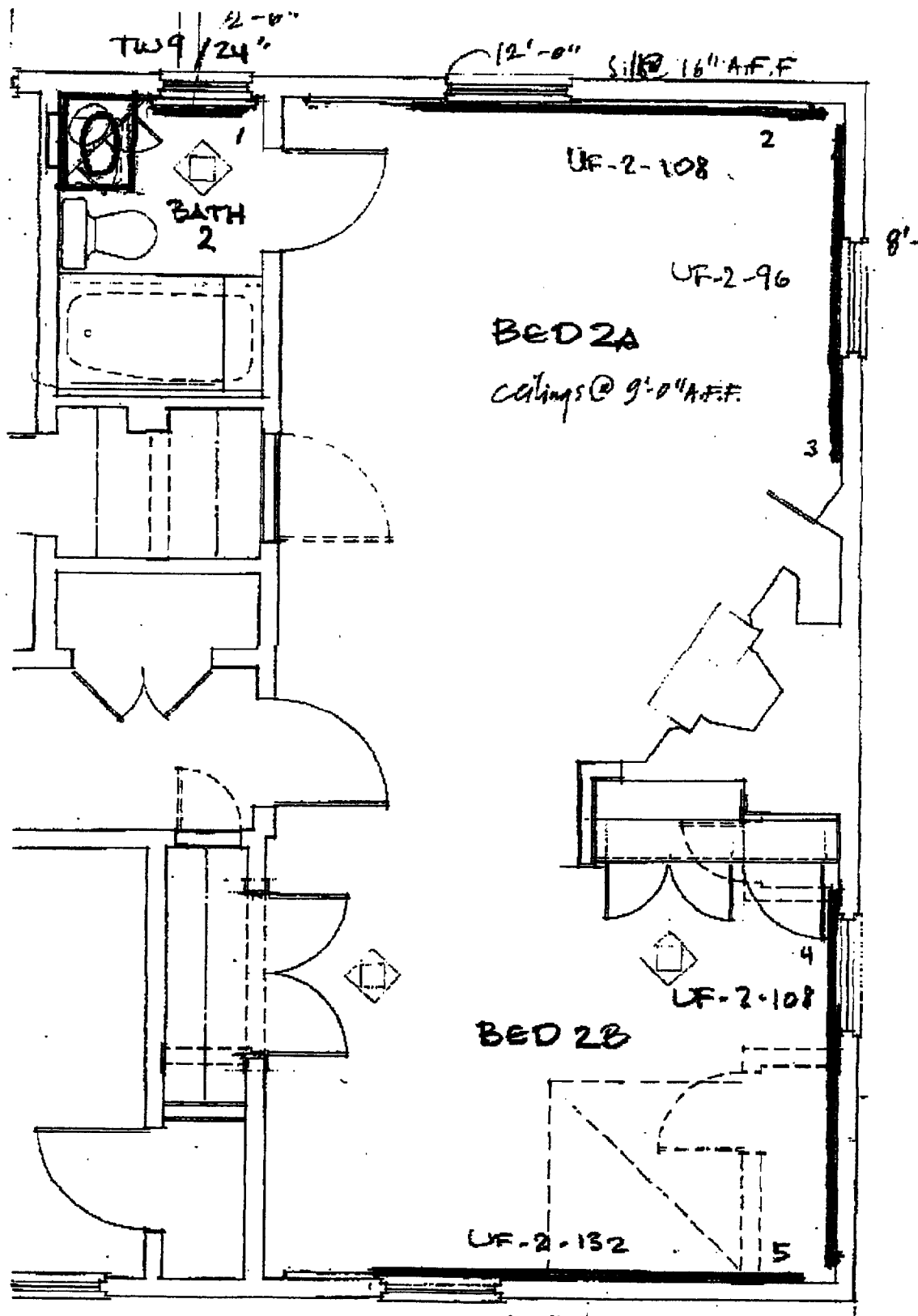
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DIAMOND SPAS INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF DIAMOND SPAS INC. IS PROHIBITED.

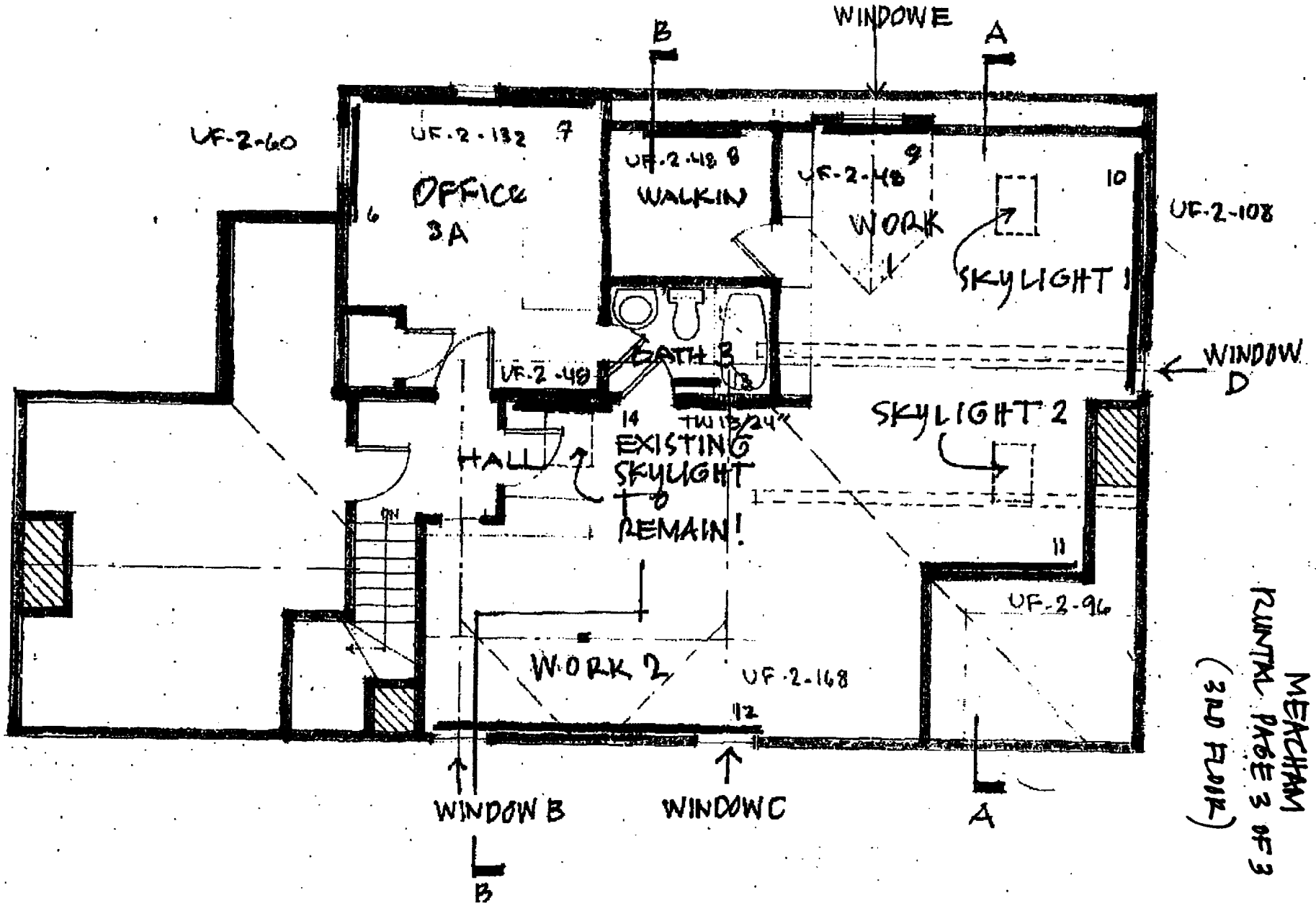
★ Sign _____
date _____



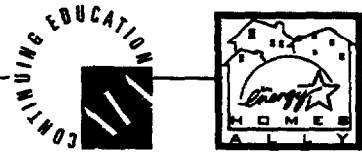
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES + .001 .005 + .1 + .001 .001	OLD GENERATED DRAWING, DO NOT MANUALLY UPDATE		Diamond Spas, Inc. 760 S. 104th, Bensfield Co, 80020 WA (202) 665-8800, 1-800-957-5PAs fax (202) 664-1273
	APPROVALS	DATE	
MATERIAL 16 GA. 304 STAINLESS	DRAWN SCW	04/10/01	SIZE A tub, soak, self-rimming, 48x32x31 top, front, 3-d view SCALE CAD FILE: SHEET 1 OF 1
FINISH ---	CHECKED TB	04/10/01	
DO NOT SCALE DRAWING	OVERFLOW Y	DESLAID Y	
	LETED N		
	HEATED N		

MEACHAM RUNTAL, PAGE 2 OF 3 (2ND FLOOR)





MECHANICAL
RUMTKL PAGE 3 OF 3
(3RD FLOOR)



March 12, 2001

Red House Architects
Attn: Ms. Jenny Scheu
10 Danforth Street
Portland, ME 04101

Dear Ms. Scheu:

We appreciate the opportunity to provide you with our estimates for the injected and spray-applied polyurethane insulation systems for the Meacham project in Portland, ME. Please note that this estimate is predicated on being able to complete this work in three calendar days (in one mobilization). Additional mobilizations are available as detailed below. As with any long-distance project, meeting this goal depends on efficient project coordination to insure that we will be prepared for the conditions at the site and that all of the work areas will be completely ready for our crew when they arrive. As we frequently do projects at a distance from our base of operations, we are concerned with keeping our time on site as efficient as possible. For this reason, we always include the coordination notes (below) in our proposals. Please call us if you have any questions about any of this project coordination information.

The purpose of this proposed **FOAM-TECH™** work is to:

1. Use an insulation that is not susceptible to water infiltration in the event of a future roof leak.
2. Avoid ice build-up problems by installing an insulation system that will work in this type of un-ventable roof.
3. Provide a thermal envelope that meets or exceeds modern performance standards in smaller framing cavities.
4. Provide detailing support and installation services that respect and maintain the historic character of the building.
5. Provide you with a written guarantee against ice dams and pipe freeze-ups.
6. Provide an environmentally safe insulation material that isn't susceptible to mold and mildew growth in moist building conditions.

Additional benefits you will realize from **FOAM-TECH's** proposed work are:

1. Reduced liability from falling ice.
2. Improved efficiency and lower operating costs of heating/cooling systems.
3. Reduced distribution system size and cost.
4. Increased comfort.
5. Improved indoor air quality.

Based on our discussions, my site measurements, and the assumptions noted below, we propose the following tasks to accomplish these objectives:

I. Spray the open attic gable, dormer, and knee walls:

We propose to spray-apply a 2.5" *average thickness* of closed-cell, non-cfc urethane foam insulation onto the exterior sheathing (R=19). Application would be from the inside.

NOTES:

1. *We assume that the wall bays and the area in front of them will be clear of any materials, equipment, and debris so that we can cover the entire floor area with drop cloths and be able to move our staging around efficiently.*
2. *We assume that the knee walls have been blocked (related work by others) in the plane of the outside of the wall top plate.*
3. *We assume the chimneys have been removed down to the floor level.*
4. *We assume that the floor has been removed along the entire perimeter so that the rim joists (Task #V) can be insulated and sealed.*

II. Inject the lathe and plaster gable, dormer, and stairwell exterior walls:

We propose to inject the 4" wall cavities with closed-cell, non-cfc urethane foam insulation (R=28). Application would be through holes drilled from the inside.

NOTES:

1. *We assume that the wall bays will be empty of any materials and debris.*
2. *We understand that the cavity thickness will vary. We also understand that the average cavity thickness will be 4". As this is hard to determine accurately in advance, there may be a difference in price if the actual average thickness is different. (See #7 in the FOAM-TECH™ pricing shall include: section below).*
3. *We assume that the area outside of the walls to be injected are generally clear so that we can inspect the outside wall sheathing for proper fastening, bracing, and open holes which will leak foam.*
4. *We assume that any areas that show signs of weakness due to major cracking or structural damage are braced (related work by others).*
5. *We assume that the interior and exterior sheathing are fastened at a maximum of 8" O. C. on each framing member. This can vary with the strength of the sheathing materials.*
6. *As part of our services, we will provide a Thermographic Scan of the injected areas to quality assure this work.*
7. *We assume that the soffits are closed in the plane of the outside wall sheathing so that our foam will not leak into the soffits. If the tops of the walls are unsheathed inside the soffits, more foam will be required to completely fill the wall bays up to the top plate.*

8. *We assume that the floor has been removed along the entire perimeter so that the rim joists (Task #V) can be insulated and sealed.*

III. Spray up into the 7" open roof slopes:

We propose to spray-apply a 5" *average thickness* of closed-cell, non-cfc urethane foam insulation (R=37) into the open roof slopes. Application would be from the inside.

NOTES:

1. *We assume that the roof bays and the area under them will be clear below of any materials, equipment, and debris so that we can cover the entire floor area with drop cloths and be able to move our ladders or staging around efficiently.*
2. *We assume that the soffits will be blocked in the plane of the outside wall sheathing so that our foam will make a seal to the top of the wall plate and the air barrier material.*
3. *We will need access cut to through any under-roof surfaces to allow us to insulate the outer-most slopes (related work by others).*
4. *We assume that the roof is to be un-vented.*
5. *See Item 7 in the FOAM-TECH "Pricing Shall Include" section below for information about estimates and guaranteed-maximum or "fixed" pricing (this applies to all tasks).*
6. *We assume that any roof slopes that will be strapped are open at the time the foam is installed and will be strapped after our work.*
7. *We will "wrap" the ridge framing to prevent air leakage if the interior finishes will not extend to the top of the slopes. Please advise us about this detail in advance of the work.*

IV. Inject the closed 8" roof slopes:

We propose to inject 8" of closed-cell, non-cfc urethane foam insulation (R=56) into approximately 191 square feet of closed roof slopes. Application would be from the inside.

NOTES:

1. *We assume that the roof bays will be clear of any materials and debris so that we may be able to make a seal/bond to all substrates.*
2. *We understand that the cavity thickness will vary as the old roof is not straight. We also understand that the average cavity thickness will be 8" (including the strapping). As this is hard to determine accurately in advance, there may be a difference in price if the actual average thickness is different.*
3. *We assume that opening the roof and weather protection are related work by others.*
4. *We assume that the soffits are closed in the plane of the outside wall sheathing so that our foam will not leak into the soffits. If the tops of the walls are unsheathed inside the soffits, more foam will be required to completely fill the roof bays.*

V. Spray the open exterior rim joists:

We propose to spray-apply a 1.5" *average thickness* of closed-cell, non-cfc urethane foam insulation (R=11) into the rim joists of the existing building. Application would be from the inside.

NOTES:

1. *We assume that there are no ducts, registers, or other obstructions that will prevent us from spraying the rim joists.*
2. *We assume that the floor has been removed along the entire perimeter so that the rim joists can be insulated and sealed.*
3. *We assume that any existing insulation in the floor has been removed for at least one foot along the perimeter to be sprayed.*

FOAM-TECH™ estimates we will complete this work for the sum of \$14,500.00.

ADDITIONAL WORK OPTIONS

Alternate #1 - Infiltration sealant at exterior window and door openings:

We propose to infiltration seal all windows and doors with low expansion foam sealant. Application would be from the inside and concentrate on creating an air seal from jamb to rough-opening framing against the outside casing or nailing flange. Air barrier material (if used) should be cut off and stapled within 1" of the outside sheathing (related work by others) to assure a good wood-to-wood seal near the outside of the wall cross-section. Sealing, not filling the jamb space is our goal for this work. This avoids pressure against the jambs.

FOAM-TECH™ estimates we will complete this work for \$30.00 per rough opening.

Alternate #2 - Setup and travel per trip beyond the one allowed FOAM-TECH trip:

Additional mobilizations (we have allowed one) to accommodate special project scheduling requirements (setup and travel) are available at \$1,575.00 per mobilization.



Frequently **FOAM-TECH** clients ask us to clarify the specifics of what we will provide and what they will need to do to prepare for our work. The following lists of details are designed to provide the Owner and/or General Contractor (GC) with information about the distribution of the responsibilities related to our work. Please ask us about any items not listed, and let us know if any of them conflict with your project requirements or your understanding of the related work required for our subcontract. This section is hereby incorporated into our proposal.

FOAM-TECH™ pricing shall include:

1. Environmentally friendly (Low Ozone-Depletion-Potential) non-CFC insulation materials.
2. Travel, accommodation, and installation labor for all insulation materials priced. Unit pricing may be higher if contracted to do only portions of this proposal. The above pricing is based upon a maximum of three FOAM-TECH™ truck/crew day(s) in one mobilization. Additional mobilizations are available, but will raise the cost of the options priced. Project schedules requiring night, weekend, or holiday work will be billed for the additional overtime expense.
3. Coordination with the owner, contractor, and architect.
4. Trimming to reasonable tolerances (where required).
5. Removal of over-spray on finished surfaces that will be left exposed in the living spaces; this does not apply to surfaces indicated as unfinished areas such as attics or above dropped ceilings.
6. Cleanup to broom-clean condition in areas worked. (We assume that work areas will be broom-clean in advance of our work.) Debris will be bagged and left on the site at GC/Owner's specified location (we cannot legally haul waste in our trucks).
7. The above estimate is based upon our computation of what we think the job will cost. In order to give you the best possible value for your work, our estimate does not include contingency funds. It is based on our best possible calculations of the areas and volumes that we will have to fill or cover. Should the actual pounds of foam and related labor exceed the estimated amount, you will be invoiced the additional pounds of foam used, based upon the per pound unit pricing developed for the same type of work in this estimate. In some cases, invoices may also go down, but the unit pricing of the decrease will not be the same as the increases because minimum base prices for travel, etc. must be maintained. If you must have a guaranteed-maximum price, add 10% to this estimate.
8. Insurance (Our standard limits).
9. Standard product Warrantee.
10. Estimate totals include sales tax (except in NH). Please forward your tax-exempt number, if applicable.
11. Infrared thermal scanning for quality control of all concealed injection work (not required for open spray or open-top injection) during installation of the foam. A videotape (VHS) of the scan work is available at additional cost related to the production of the video record.

FOAM-TECH pricing does not include: (Prices for these related work items area available upon request)

1. Removal or disposal of debris or existing insulation.

2. Vent baffles or rafter tail end dams.
3. Fire protection materials (if any are required). In commercial buildings, foam in accessible spaces should be protected from ignition as required by local code or insurance officials.
4. Infiltration sealant at doors and windows. (See Alternate provided for this work.)
5. Non-foam caulking or sealing under wall shoes or sills, between doubled-up or closely butting framing members (such as top plates, jack studs, and doubled rafters), between factory mulled window units, and other cracks building cracks or penetrations where there is no space or the location is inappropriate for a foam installation.
6. Any staging that is required (beyond the safe reach of an 8' stepladder or rolling staging up to two sections high).
7. Please notify us if there are underground structures that we should avoid when parking our trucks and equipment near the building for our work.
8. Any permits or approvals.
9. Related work by others. Any additional work requested by the GC/Owner shall be authorized by Change Orders signed by the parties involved.
10. Contingencies for delays in the work being performed by **FOAM-TECH™**. Delays, caused by no fault of **FOAM-TECH™**, will be invoiced to GC/Owner at the rate of \$35.00 per man-hour of down time, plus additional overhead, travel and accommodation expenses, if expended by **FOAM-TECH™** as a result of the delay.
11. Bonding.

Specific Conditions to assure an efficient project:

1. The General Contractor or Owner will be responsible for completely removing debris from wall, ceiling, and floor cavities, (where accessible) prior to work by **FOAM-TECH™**.
2. The GC/Owner will provide clear access to the work area and remove all equipment, materials and furnishings in and adjacent to the work area. An eight-foot wide aisle in front of work areas to be foamed is the minimum space required to allow masking, drop cloths, and staging. The entire area below flat ceiling or sloped roof areas must be clear. Areas to be spray foamed must be open and accessible to spray application. Bays obstructed on the applicator side by strapping, blocking, ductwork, or other access hindrances are not anticipated in our price and will result in a substantial increase in project costs due to the related reduction in productivity.
3. The GC/Owner shall remove or securely brace all blocking and framing so that expansion of spray-applied foam shall not cause the framing to deflect.
4. The GC/Owner will securely fasten or brace all wiring in wall/ceiling bays to be spray-foamed so that expansion of spray-applied foam shall not cause wiring to "float". Wiring shall be positioned within the wall/ceiling cavity to be foamed, in order to prevent damage to wiring during the trimming and/or planing of the foam and while attaching finishes. Areas with exposed wiring will not be trimmed to avoid damage to the wiring.
5. The GC/Owner is responsible for ensuring proper weather protection of building(s) before, during, and after our foaming applications.
6. Before **FOAM-TECH™** begins work under the terms of this contract, the GC/Owner will ascertain that the existing conditions are consistent with the requirements and intent of this

proposal. The GC/Owner shall report any inconsistencies to **FOAM-TECH™** prior to commencement of work.

Critical Access and Quality Assurance Requirements:

1. Access within 200' hose length from our trucks to all areas to be insulated. On large projects the trucks may have to be parked in one location without having to be moved for several days at a time. Hose access must work in combination with power requirements described in the next item. Winter work may require snow plowing considerations for our truck and crew access and exit.
2. One 220 Volt, 50 amp circuit for each truck, accessible within 100' cord length, dedicated to our use during our work. We will hook up to the panel, if requested; if not, we will not be responsible for delays if the project electrician cannot install our pig tail in a timely manner. Trucks on site overnight will have to remain hooked to power in cold weather to prevent damage to the foam product raw materials and our equipment. If you wish us to supply our own power, we will arrange for a generator for an additional \$195.00 per day. In small areas or remote locations, we may elect to use small-scale portable equipment.
3. If radiant heat piping is in place on unfinished floors, it should be protected against damage from ladders, foot traffic, etc. We will be covering the floor with drop cloths or plastic to protect against overspray and we will not be able to tell where piping is vulnerable under the floor protection.
4. For spray applications in cold weather, product quality requires ambient and substrate temperatures consistently at or above 20 degrees, or temporary heat to provide this minimum temperature. Injection work requires a combined temperature of 90 degrees when the inside and outside temperatures are added together. These temperature requirements will assure product quality, prevent thermal shock, and prevent increases in foam density (less material required). Heat to be supplied by a heat source with its flue vented to the outside to avoid condensation (open flames produce water vapor) on bonding surfaces and production of noxious fumes. Temporary heat must be maintained for 8 hours prior to the work, during the work, and for 48 hours after the work. We will not be responsible for thermal shock due to low temperatures.
5. Exclusive use of work areas being foamed. Foam applications produce odors and airborne vapors during the installation process, which may be irritating to those without proper protection. Our work must be isolated from others working or occupying the project. Other trades working in close proximity to our work must use supplied-air respirators or other OSHA approved protection during the spray application. The building can be reoccupied after airing out the spaces enough to provide at least two total air changes. **Isolated areas with adequate ventilation should not require others to evacuate adjacent work areas.**
6. We assume that the Owner/GC will provide access to our crews up to 24 hours a day when required. Projects at a long distance from our base may require working long hours to keep project costs down. Projects with tight schedules may require working multiple crew shifts to meet client needs. Security provisions, lighting, power, and heat are included in our needs for work requiring extended hours.
7. A clean dry substrate for proper fill and adhesion.

8. For new injected work, a vapor retarder should be installed behind new Sheetrock, or other interior sheathing, to serve as a release and protect wood framing from moisture (This will also increase the aged R-value of injected foam insulation). We also recommend the use of poly on spray-applied areas in spaces that may have elevated humidity levels. This also can provide inexpensive protection against moisture migration into framing, especially where multiple-ganged framing members cannot be sealed by the foam insulation.
9. Large injected cavities (over 4") may be susceptible to some dimensional change.
10. Adequate fasteners or bracing for injected wall and roof cavities.
11. Safe working conditions clear of debris and hazardous conditions for our personnel.
12. **If, upon arrival at the job site, we are unable to initiate and complete the project due to misrepresentations of the project readiness, (i.e. the work areas are not accessible, electricity is not available, inadequate temperatures, etc.), and this causes us to have to make an additional trip, a \$1,575.00 fee will be charged for an additional trip to complete the work.**

I am enclosing our standard one page Project Agreement Form which includes our normal terms and conditions. If you wish to use this form, please indicate the selected option and return it with your 50% first-installment (if that option is selected from the payment term choices) so that we may purchase the necessary inventory to complete your project. If you wish to propose alternate payment terms or contract forms, please contact me to discuss your proposal. If we agree on the use of other contract forms, please reference this proposal as a part of the agreement. If I have misinterpreted the scope of the work or left anything out, please let me know and I will adjust our proposal and the Project Agreement Form.

Please contact us if we can provide additional information. Again, thank you for contacting
FOAM-TECH™

Sincerely,



Henri Fennell, President
H.C. Fennell, Inc.
FOAM-TECH™ Division

Warnings:

1. The use of completely exposed foamed plastic in occupied interior applications presents a fire hazard unless the foam is protected by one of the code approved 15 minute fire resistive barriers (usually 1/2" sheetrock or "Monokote" spray). We can discuss this further with you if you need more information.
2. Please note that there is an odor related to urethanes. While there is no danger from the vapors of this product during installation with adequate ventilation, anyone with respiratory sensitivities should evacuate the premises while the work is being done.

Re: Meacham Project Proposal dated March 12, 2001

Dear Ms. Scheu:

To better serve you and our other customers, we need to confirm that you would like to contract with **FOAM-TECH™** to do some or all of the work we have estimated. This confirmation will allow us to order your materials and schedule your job as close to the desired date(s) as possible. Should you decide not to proceed, we would still like to hear from you. (Please call us at 802/333-4333).

In order to confirm the work, this letter includes a place to indicate which items of the estimate (if more than one) you agree to have us do, as well as a place for your signature. The estimate as referenced is a part of this agreement. This will allow us to order the materials required to complete the project on time and at the best possible price, thus locking in the rates on which your estimate is based. (Available in writing upon request).

To enable us to schedule the work, please provide a target date or a "window" if specific dates are not critical. If your job is interior work, we would like to be able to call on short notice when inclement weather prevents us from working outside. Please indicate below if that is acceptable. We will make every reasonable effort to comply with your requested date(s); however, because of the variables involved (weather, other subcontractors, etc.), scheduling can be a complicated process.

Terms: Prices are good for 30 days from the date of the estimate. If this agreement is received, signed, and accompanied by a 50% first-installment, within this 30-day period, the price will be held for 90 days, the inventory will be purchased, and the scheduling process will begin (No project schedule will be confirmed without a contract). If at the end of the 90-day period the work has not been scheduled and completed, the estimate will be updated, if necessary, and you will have the option to cancel the order, and the deposit will be returned, less a 15% restocking charge. If you decide to confirm the agreement after the 30-day period has expired, the agreement and first-installment should be received at least 2 weeks prior to the desired schedule date to ensure there are no delays in delivery. We will review the prices when your agreement is received and notify you if there is any change. Invoices shall be payable within 10 days of the date of the invoice. Invoices outstanding after 10 days shall be charged 1-1/2% interest per month until paid in full. Our pricing assumes there will be no retainage withheld from our subcontract beyond the completion of our work and that payment will be made on time by the General Contractor, regardless of any disputes or delays in payments occurring between any of the parties. Payments more than 30 days overdue will be turned over to an attorney for collection. Reasonable cost of collection, including but not limited to attorney's fees, will be added to invoice total. If these terms are acceptable, please complete and sign the Project Agreement below, and return this letter with the 50% first-installment as soon as possible. Thank you for your assistance.

PROJECT AGREEMENT

Please list all of the items, options, or alternates you wish to accept from our proposal dated March 12, 2001: _____

Additional documents attached making up part of this Agreement: Proposal dated March 12, 2001:

Desired start date: _____ Rain dates acceptable: (Yes/No) _____

Alternative Dates or window of dates: _____

Please mark the contract form you choose to accept for this work.

Estimate Guaranteed Maximum Price – Add 10% for a total of \$ _____

Method of Payment (choose one): 50% down and 50% in 10 days

Approved credit card charges.

Owner's Signature: _____ Date Signed: _____

The Owner, Contractor, or other authorized agent by signing this Project Agreement, agrees to the terms and conditions in the referenced proposal and grants FOAM-TECH the right to use photos, drawings, and other project information for promotional use.



RENOVATIONS AND HISTORIC RECONSTRUCTION

CLIENT	TOWN	AGE	DATE	DESCRIPTION
Allen Memorial Art Library	Oberlin, OH	100+	7/98	Masonry Gallery Structures
Barrett Jr., Jay	Ely, VT	100+	8/5/94	Wood framed, train station.
Bath Courthouse	Bath, ME	100+	5/1/93	Brick & wood framed, commercial.
Howard Beale	Orford, NH	100+	1/97	Brick Mansion w/ R. Porter murals
Buster, Kami	Woodsville, NH	100+	5/6/94	Stone, residential
Bornstein, Dr. Murray	Norwich, VT	100+	4/7/95	Post and beam, residential
Breslaw, Dan	Corinth, VT	100+	10/27/83	Post and beam, residential
Briggs, Eleanor	Hancock, VT	200 +	10/27/83	Post and beam, Historic and new
B. W.A. & H., Arch.	Lebanon, NH	100+	4/21/95	Carriage house, stick built.
Clem, David	Norwich, VT	100+	8/19/87	Wood framed, residential.
Cobblestone Residence	Brattleboro, VT	200+	4/11/95	Stone, residential
Currier Gallery of Art	Manchester, NH	100+	9/95	Block and brick -Historic and new
David's House	Hanover, NH	100+	1/20/88	Wood framed, residential.
Dartmouth College	Hanover, NH	100+	3/17/95	Masonry - President's Home
Dauphin Residence	Claremont, NH	100+	2/1/97	Wood framed, residential.
Drewsville Project	Drewsville, NH	100+	2/97	Residential Rehab - National Register
Estabrook, Bill	Thetford Hill, VT	100+	6/10/88	Wood framed, residential.
Faulkner, Hoby	E. Montpelier, VT	1816	11/19/93	Post and beam, residential
Fogg, Chester	Bradford, VT	100+	07/5/92	Plank and stick built, residential.
Friends Meeting House	Hanover, NH	100+	3/5/84	Wood framed, residential.
Griegs, Kimo	Norwich, VT	100+	12/6/94	Post and beam, residential
Gnaedinger, Oscar	N. Thetford, VT	100+	4/15/90	Wood framed, residential.
Heyl, Jane	Norwich, VT	100+	1/8/90	Brick & wood framed, residential.
Hoagland, Dr. Mahlon	Thetford, VT	100+	10/31/90	Wood framed, residential.
Hoffman, J.R.	Thetford, VT	100+	1/17/83	P&B, - Livery House Restoration
Hoffman, Rick	Thetford, VT	100+	8/8/86	Post and beam, residential
Jaccaud, Robert	N. Thetford, VT	100+	2/23/90	Post and beam, residential
Kanwisher residence	Strafford, VT	100+	1/9/84	Wood framed, residential.
Karol, John	Orford, NH	100+	5/13/87	Wood framed, residential.
Keegan, Bill	Post Mills, VT	100+	8/15/89	Wood framed, residential.
Kurdeka, Larry	Thetford, VT	100+	11/27/91	Wood framed, residential.
Ledyard Bank	Hanover, NH	100+	2/14/91	Wood framed, commercial
Little, Geoffry	Lyme, NH	100+	10/16/90	Post and beam, residential
Logic Associates	Hartford, VT	100+	8/15/88	Post and beam barn restoration
Joseph Lstiburek	Medford, MA	100+	1/24/97	High-tech energy rehabilitation
Lyndon Institute	Lyndonville, VT	100+	9/11/90	Wood framed, commercial
McGraw Residence	Cornish, NH	100+	11/11/97	Wood framed, residential.
Middlebury College	Middlebury, VT	100+	6/14/89	Stone and wood frame, commercial
N. H. Historical Society	Concord, NH	100+	2/9/94	Stone - galleries and offices
Naylor, Rob	Brandon	100+	3/28/96	Wood framed, residential.
N. Thetford Fed. Church	N. Thetford, NH	100+	4/4/94	Wood framed, residential.
O'Haus, John	Hartford, VT	100+	3/1/93	Post and beam, residential
Palmer, Hodd	Bradford, VT	100+	8/19/87	Brick & frame residence
Polli, Buzzi	Bradford, VT	100+	10/26/92	Post and beam, residential
Proctor Academy	Andover, MA	100+	5/22/84	Wood framed, commercial

Recreate, Inc.	Hanover, NH	1774	6/4/87	Post and beam, residential
Regan/Smith	Hanover, NH	100+	9/29/83	Wood framed, residential.
Russell, Dan	N. Thetford, VT	100+	10/15/93	Post and beam, residential
Sweeney residence	Etna, NH	100+	10/11/82	Wood framed, residential.
Scotford, John	E. Thetford, VT	100+	10/31/84	Wood framed, residential.
Sharkey, Art	N. Thetford, VT	100+	5/24/82	Stone House Inn.
Stoneacre - Brady Res.	Gloucester, MA	100+	2/2/96	Stone Mansion, residential
The Wells Reserve	Wells, ME	100+	1/1/96	Laudholm Farm
Steiner, Caroline	Thetford Hill, VT	200+	3/9/87	Post and beam, residential
Stoneacre / Brady	Gloucester, MA	100+	8/96	Stone Mansion
Teel, Steve	W. Topsam, VT	100+	7/26/94	Wood framed, residential.
Underhill, Bobby	Grantham, NH	100+	11/05/81	Post and beam, residential
Valentine, Gregg	Norwich, NH	100+	9/7/82	Post and beam, residential
Vosburg, Nancy	N. Thetford, VT	100+	10/19/92	Post and beam, residential
Wells Reserve *	York, ME	100+	1/3/96	Wood framed, commercial
Yeager, Mark / Mason	N. Thetford, VT	100+	1984, 97	Stone building, residential.
Yeager, Mark	Lebanon, NH	100+	6/13/90	Wood framed, residential.
Young / Jackson	Lyme, NH	200+	8/96	Oldest house in Lyme - Wood Frame

SWIFT ENGINEERING
 331 Main Street
 NORWAY, MAINE 04268

LETTER OF TRANSMITTAL

(207) 743-5885
 FAX (207) 743-9525

TO Redhouse Architects

DATE	<u>Feb. 23, 2001</u>	JOB NO.	<u>0114</u>
ATTENTION	<u>Jenny</u>		
RE:	<u>Mearham House</u>		

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

Shop drawings Prints Plans Samples Specifications
 Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
<u>1</u>			<u>PLAN WITH COMMENTS</u>

THESE ARE TRANSMITTED as checked below:

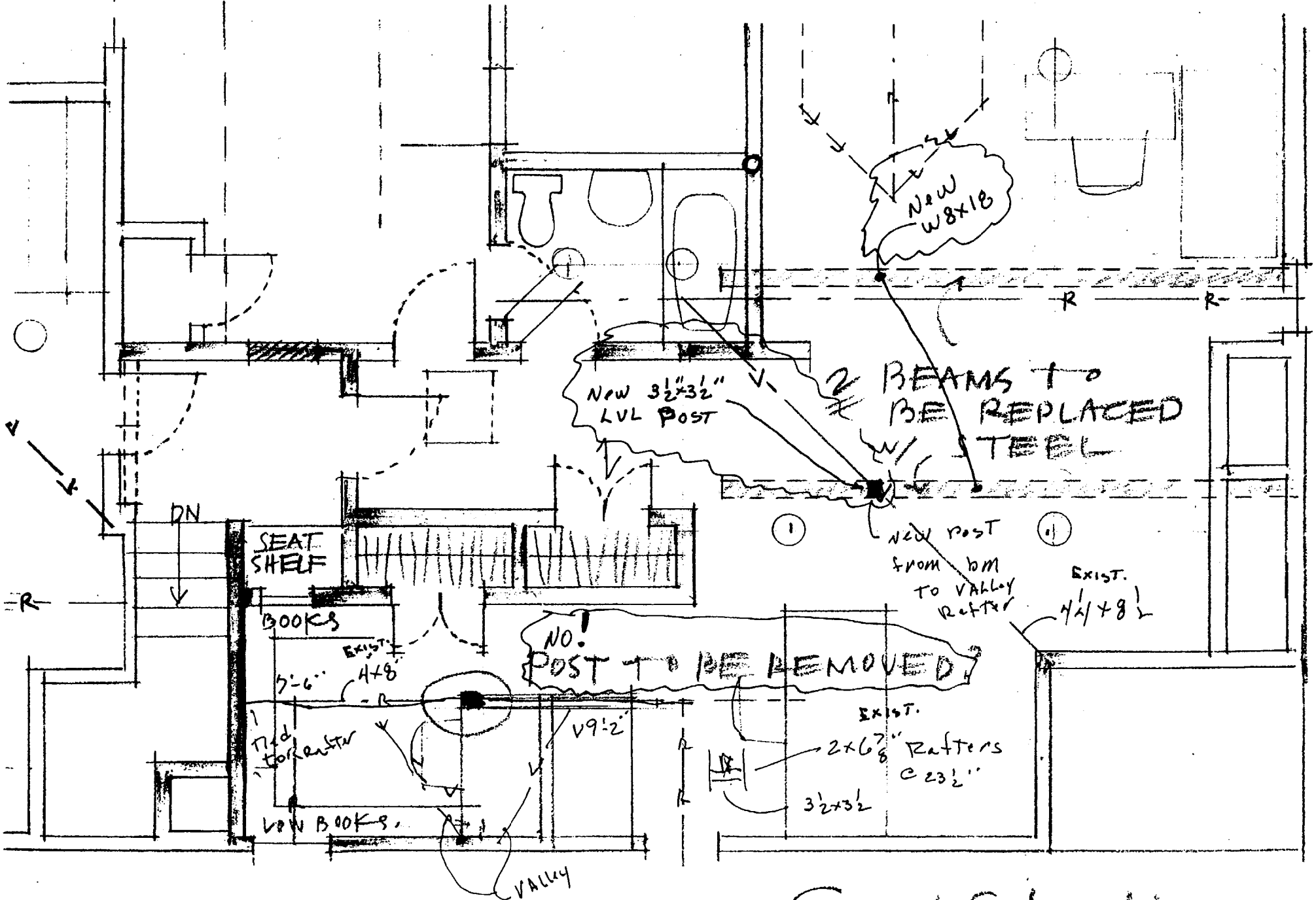
- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

REMARKS _____
I think we should leave the post. If we take it out, we would
need larger beam and would ^{be} doing something with the rafters that
support the beam. This could change loading below also.

COPY TO _____

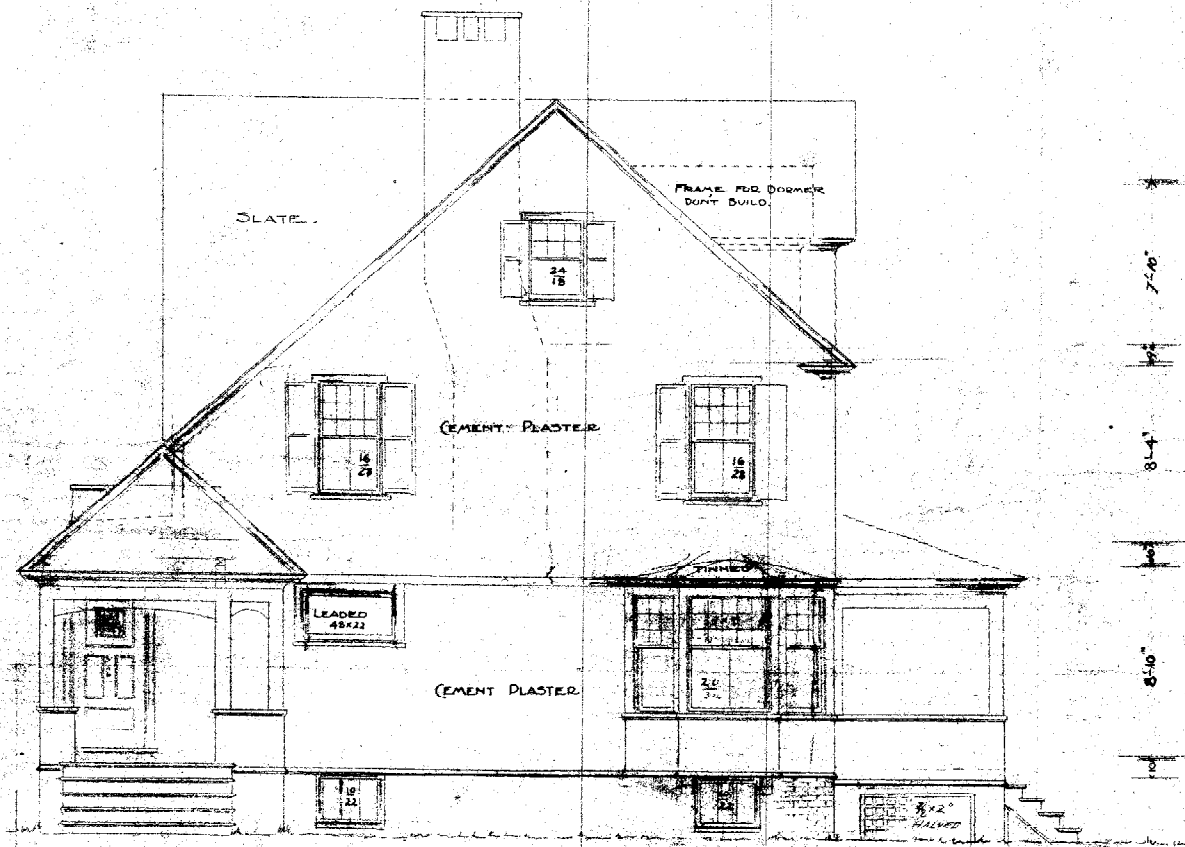
SIGNED: Bob Swift

If enclosures are not as noted, kindly notify us at once.



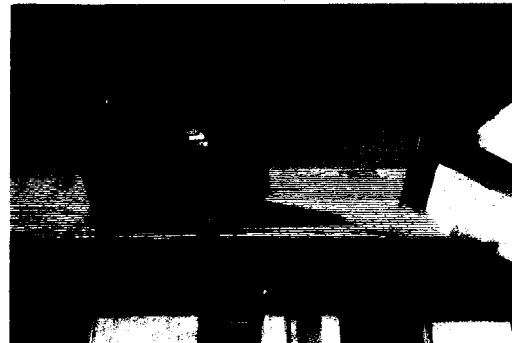
Current Schematic

MEACHAM SCHEMATIC THIRD FLOOR PLAN
 15 VAUGHAN STREET 11 DEC. 2000, 1/4"=1'-0"

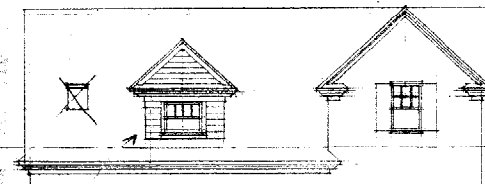
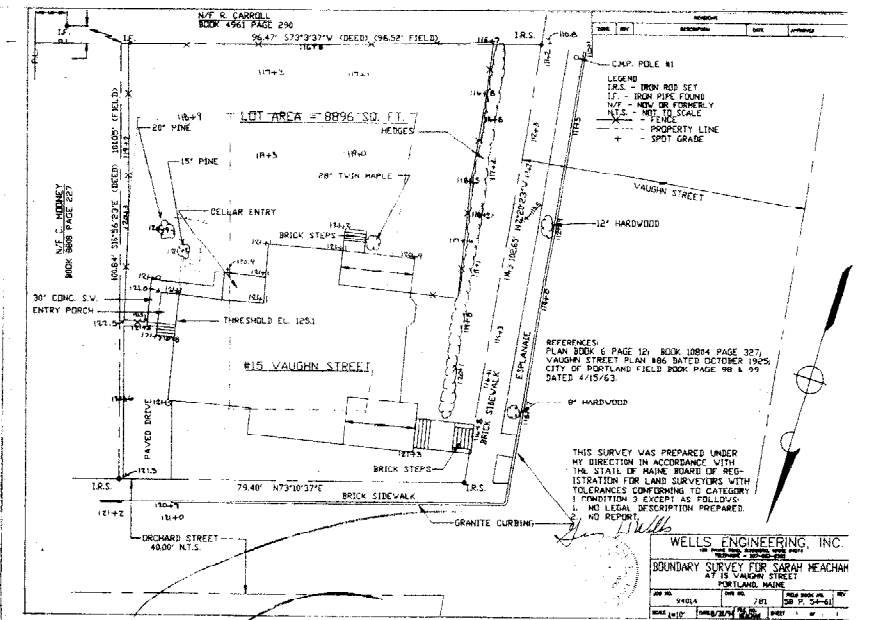


FRONT ELEVATION
SCALE 1/4" = 1'
JOHN CALVIN STEVENS,
ARCHITECT, PORTLAND, ME.

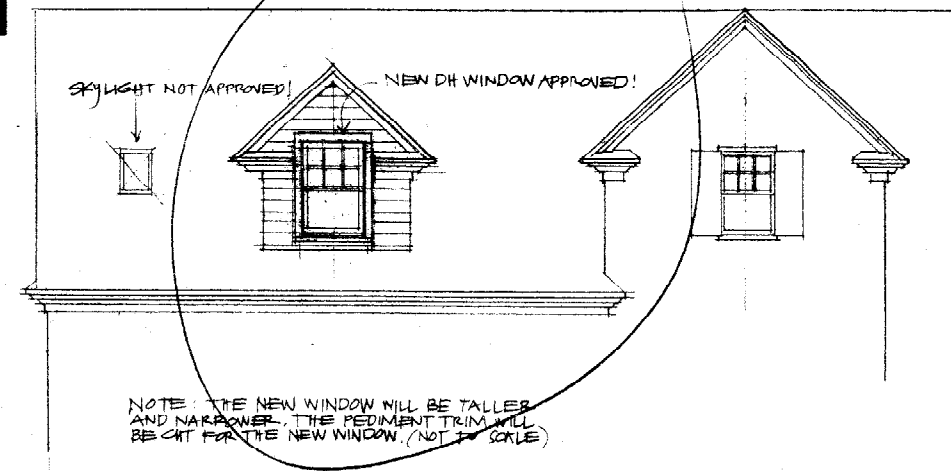
HOUSE COR VAUGHAN & ORCHARD STS
FOR MRS. J.F. GOULD



MEACHAM HOUSE, SITE SURVEY, 1994, 15 VAUGHAN STREET



EXISTING PORCH

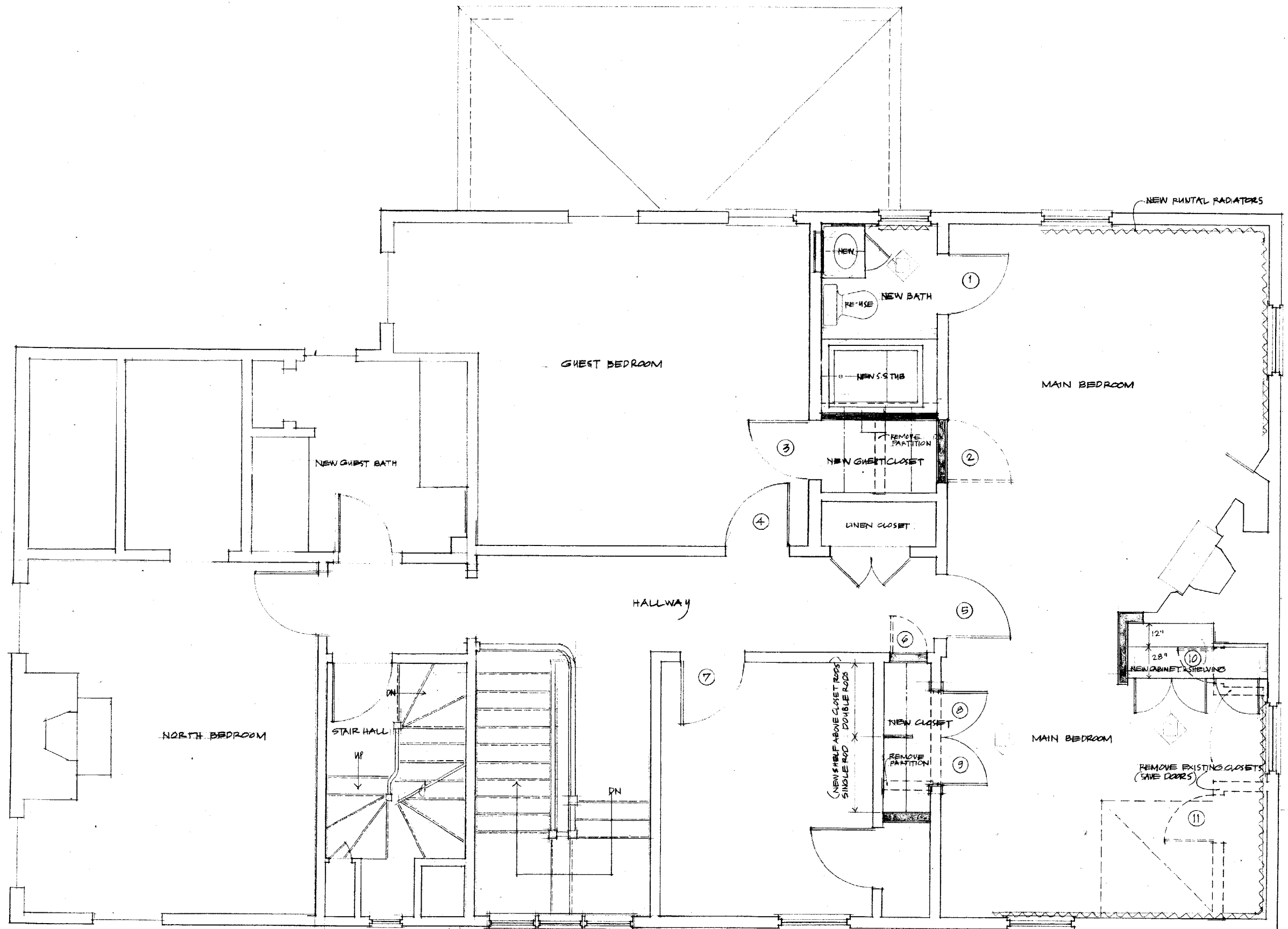


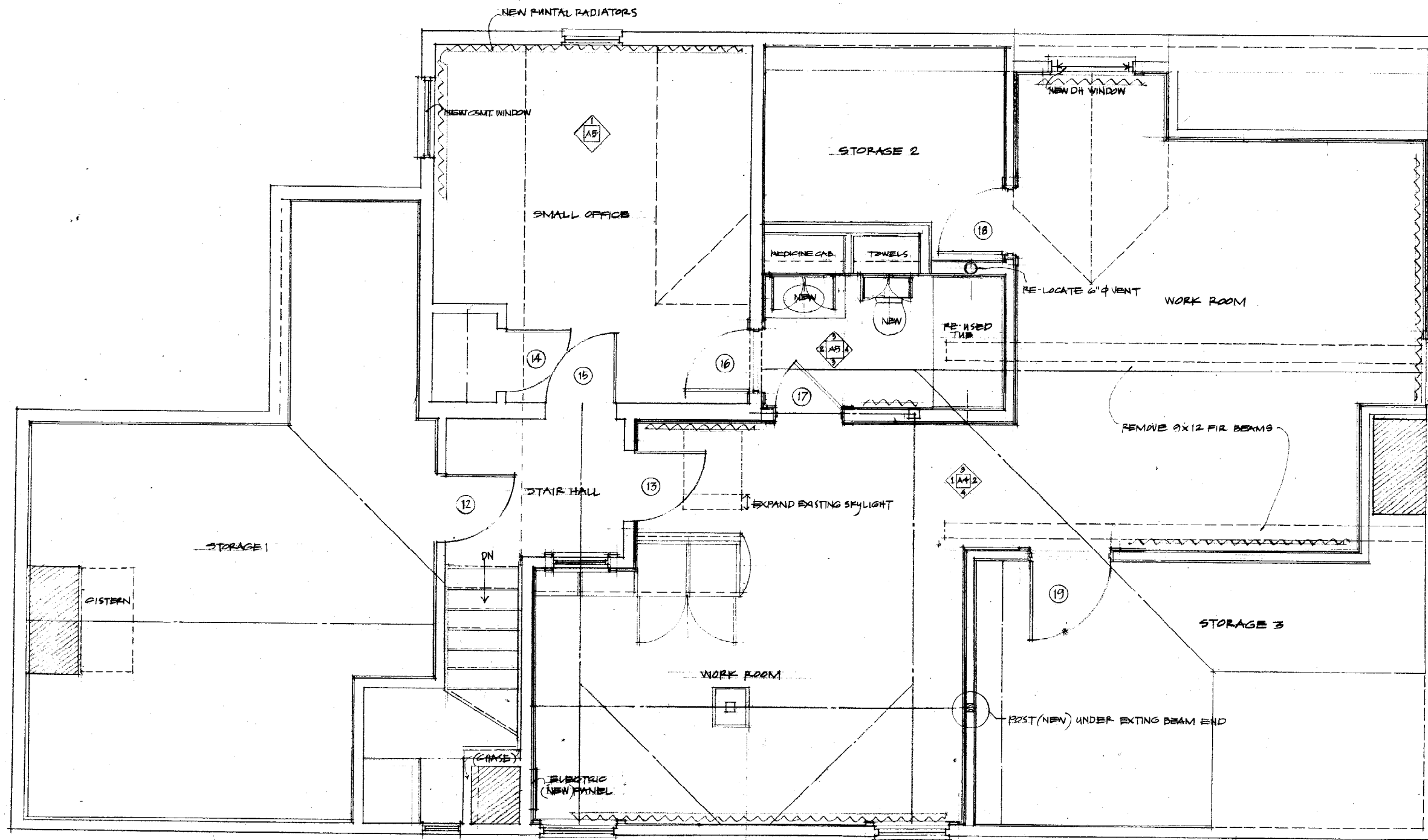
MEACHAM HOUSE
ARCHITECTS
PORTLAND, ME

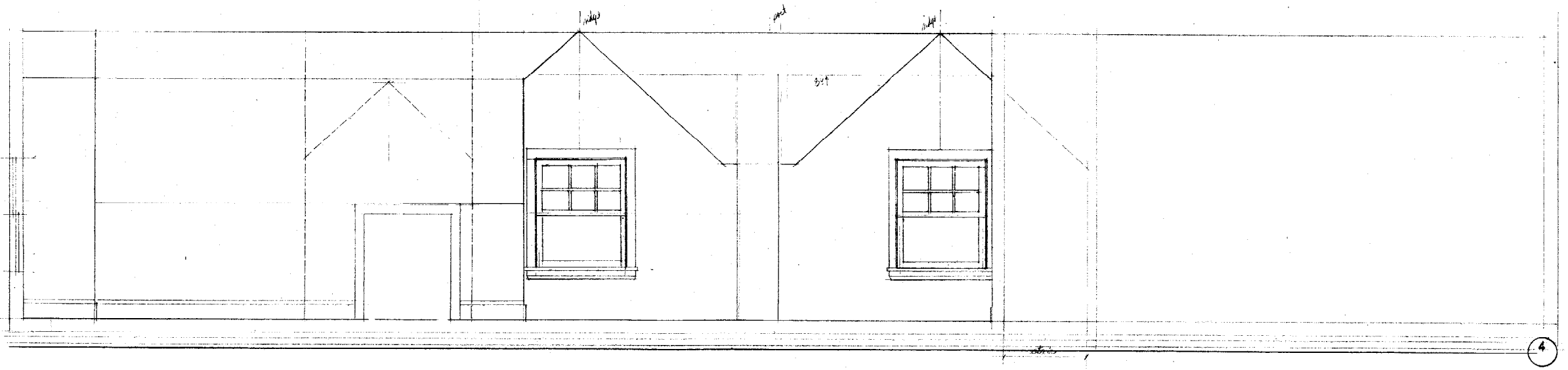
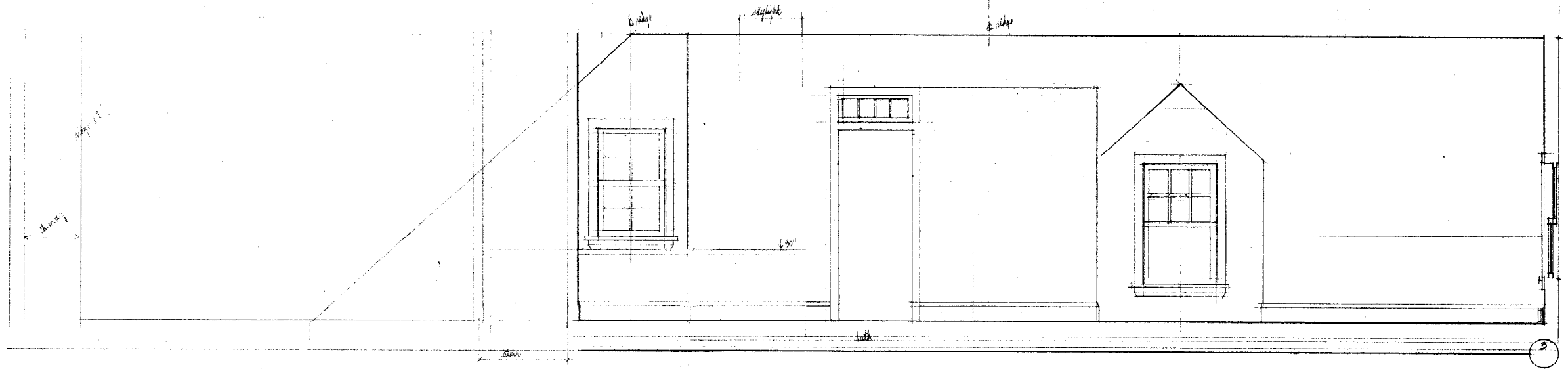
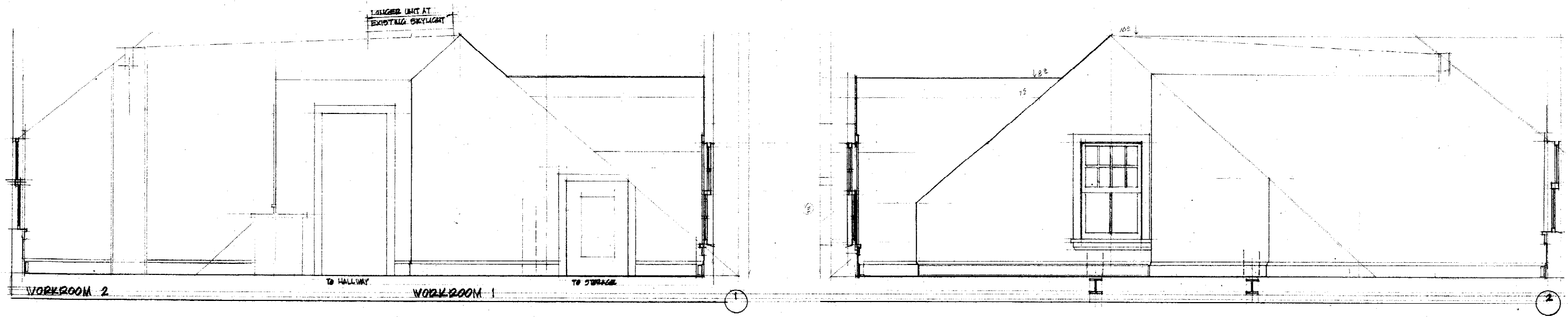


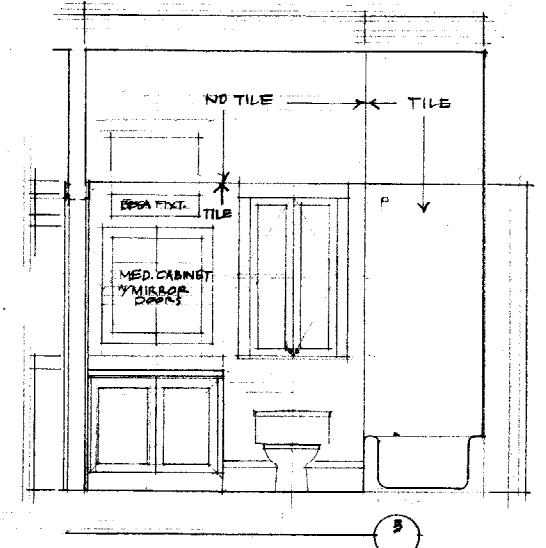
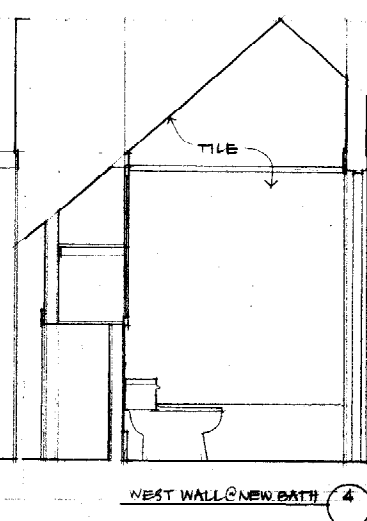
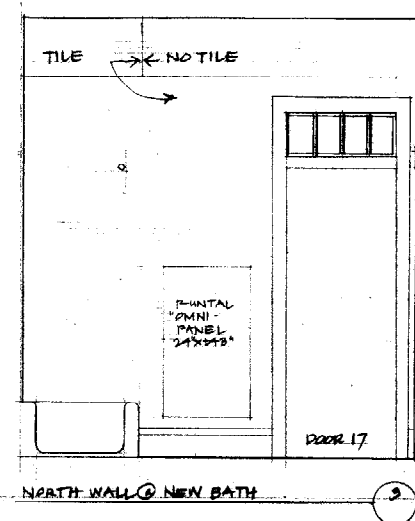
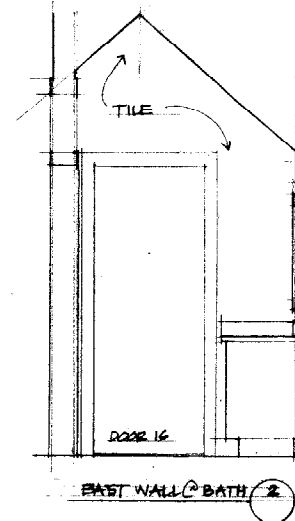
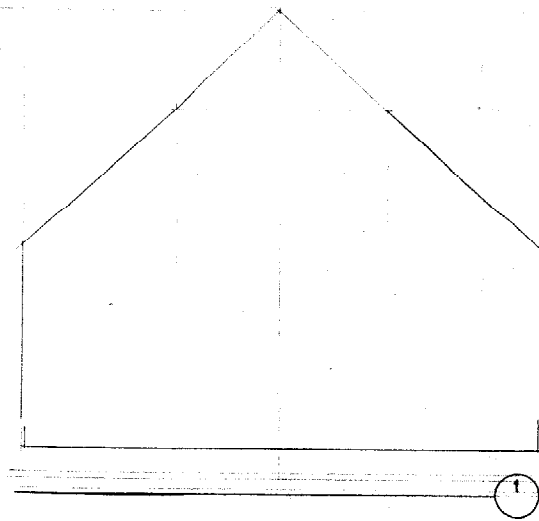
A study for "Vanderbilt"







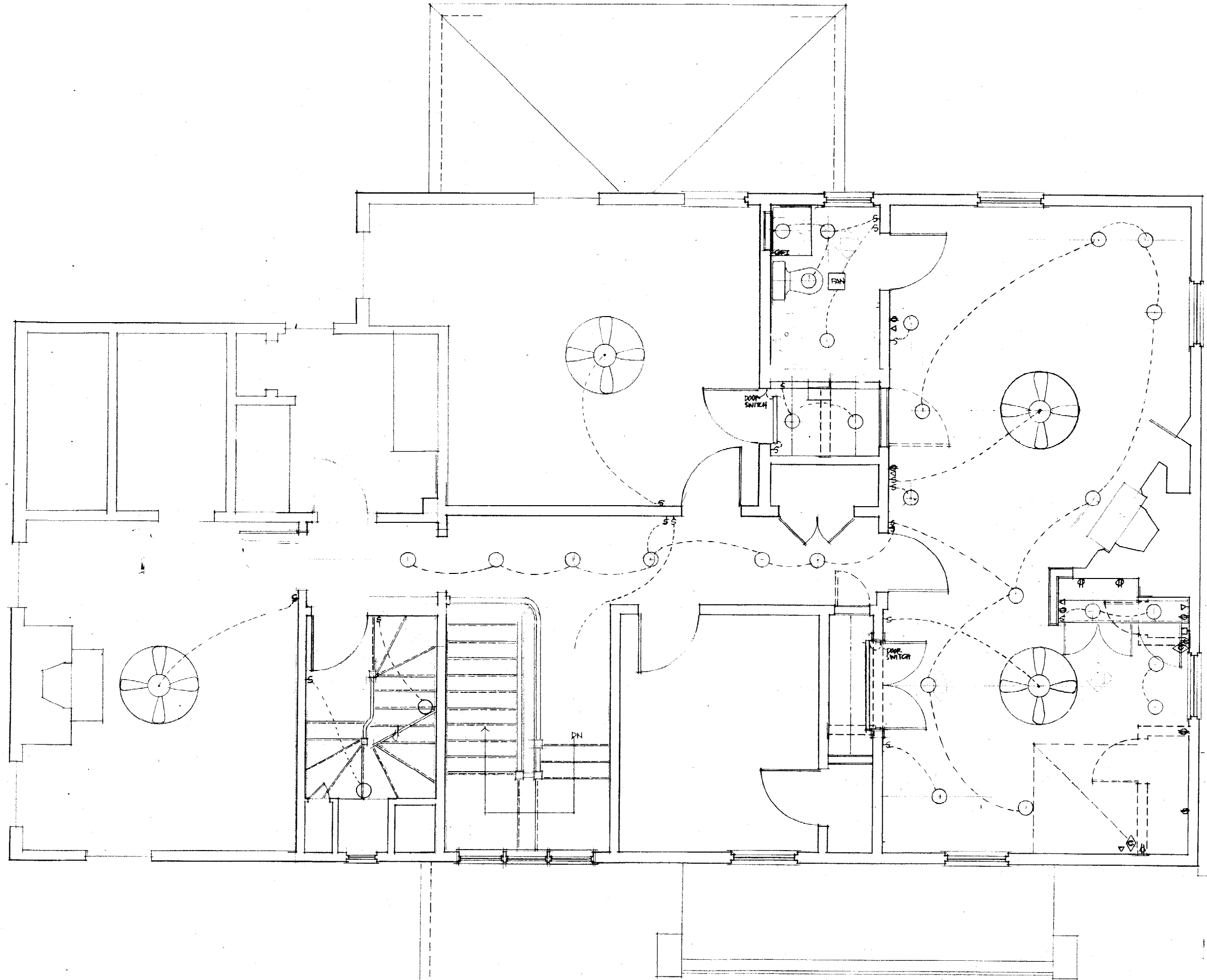




DOOR SCHEDULE			
NO.	LOCATION	SIZE	NOTES
1	MATH BATH - EXIST. OPEN	2'-6" x 6'-7" x 1'-11/16"	STORE DURING CONSTRUCTION & PAINT, RE-USE (PROTECT)
2	EXIST. MAIN BEDROOM	4'-8" x 6'-7" x 1'-11/16"	REMOVE & SAVE, RE-USE @ AS DOOR 19, 2ND FLOOR, STORAGE ROOM 3
3	GUEST ROOM CLOSET	2'-8" x 6'-7 1/2" x 1'-11/16"	PROTECT DURING CONSTRUCTION
4	GUEST ROOM - HALLWAY	2'-8" x 6'-7 1/2" x 1'-11/16"	"
5	MAIN BEDRM - HALLWAY	2'-8" x 6'-7 1/2" x 1'-11/16"	"
6	MAIN CLOSET - HALL	1'-6" x 6'-7 1/2" x 1'-11/16"	REMOVE AND SAVE
7	OFFICE - HALLWAY	2'-7 1/2" x 6'-7 1/2" x 1'-11/16"	PROTECT DURING CONSTRUCTION
8	NEW MAIN CLOSET	2'-0" x 6'-7 1/2" x 1'-11/16"	NEW (TRIC PANELS) DIMENSION OF STILLS TO MATCH EXISTING ADJACENT DOORS
9	"	"	"
10	CLOSET DEMOLISHED	1'-6" x 6'-7 1/2" x 1'-11/16"	SAVE & RE-USE?
11	"	2'-0" x 5'-11 1/2" x 1'-11/16"	"
* 12	STORAGE 1 - STAIR HALL	2'-6" x 4'-7 1/2" x 1'-11/16"	PROTECT DURING CONSTRUCTION
* 13	STAIR HALL - WARE ROOM	2'-7 1/2" x 6'-8" x 1'-11/16"	PROTECT; REPLACE 4 PANELS WITH TRANSLUCENT GLASS
* 14	CLOSET - SMALL OFFICE	2'-4" x 5'-11 1/2" x 1'-11/16"	PROTECT DURING CONSTRUCTION
* 15	SM. OFFICE - STAIR HALL	2'-7 1/2" x 6'-7 1/2" x 1'-11/16"	PROTECT; REPLACE 4 PANELS WITH TRANSLUCENT GLASS
* 16	NEW DOOR - NEW BATH	2'-8" x 6'-7 1/2" x 1'-11/16"	RE-USE EXISTING DOOR, STRIP NEW IN ROOMMENT, OR NEW DOOR
* 17	NEW DOOR - NEW BATH	2'-8" x 6'-7 1/2" x 1'-11/16"	RE-USE EXISTING DOOR (SEE DOOR 16) OR NEW DOOR
* 18	WARE RM - STORAGE 2	2'-6" x 4'-8" x 1'-11/16"	NEW 2 PANEL CUSTOM DOOR
* 19	WARE RM - STORAGE 3	2'-8" x 6'-7" x 1'-11/16"	"
* 20	UNDERCUT FOR NEW CARPET INSTALLATION		

FINISH SCHEDULE						
ROOM NAME	FLOOR	WALL	CEILING	TRIMS	MISC. NOTES	
NORTH BEDROOM	EXIST.	EXIST.	EXIST.	EXIST.	CUT/PATCH WALL/CEILING FOR NEW CEILING PANEL RE-PAIN	
HALLWAY	"	"	"	"	CUT/PATCH WALL/CEILING & RE-PAIN RE-PINISH HARD FLOOR	
GUEST BEDROOM	"	"	"	"	CUT/PATCH WALL/CEILING FOR NEW CEILING PANEL RE-PAIN	
GUEST RM. CLOSET	PAINT & REFINISH	DRYWALL	"	"	RE-FRAME WALL & RE-PAIN	
MAIN BATH	TILE	TILE	TILE/DRYWALL	WOOD	AMER. CLEAN "WHITE" PORCELAIN TILE #A-13, 2" x 2" WITH TRIMS	
MAIN BEDROOM	HARDWOOD	PLASTER	NEW DRYWALL	WOOD	PROTECT EXISTING WALLS/FLOOR	
STAIR HALL	W/CARPET	EXIST.	EXIST.	EXIST.		
STORAGE 1	CARPET 1	---	DRYWALL	WOOD		
SM. OFFICE/CLOSET	CARPET 2	EXIST.	EXIST.	WOOD		
NEW BATH	TILE	TILE	TILE/DRYWALL	WOOD	AMER. CLEAN "DOE" PORCELAIN TILE #A-55, 2" x 2" WITH TRIMS	
STORAGE 1	CARPET 1	---	DRYWALL	WOOD		
WARE ROOM	CARPET 2	DRYWALL	DRYWALL	WOOD		
STORAGE 3	CARPET 1	DRYWALL	DRYWALL	WOOD		
PAINT: CALIFORNIA "CHINA WHITE" (FLAT OR EGGSHELL) WALLS AND CEILINGS CALIFORNIA "IMPERIAL WHITE" (MID-GLOSS) ALL WOOD TRIMS, DOORS, WINDOWS, MILLWORK SOLID SURFACE BATHROOM COUNTERTOPS: GIBRALTAR 1/2" #1578-SC, "FROSTY WHITE"						

189378EVE8



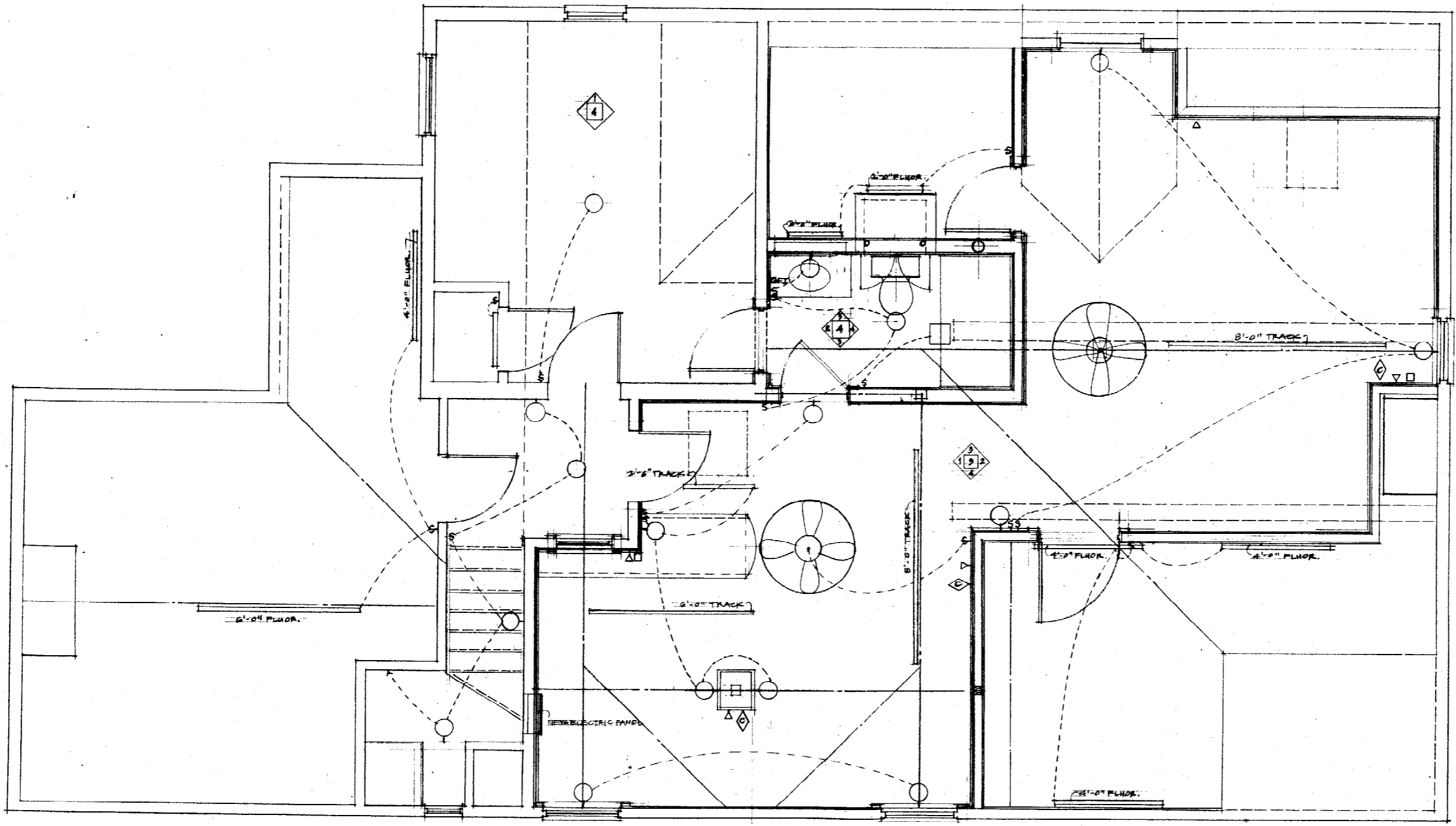
- ◇ COMPUTER
- INTERCOM
- Ⓜ PHONE JACK

SECOND FLOOR ELECTRICAL PLAN

1/2" = 1'-0" SCALE

REDHOUSE ARCHITECTS
10 DANFORTH STREET
PORTLAND ME 04101

MEACHAM HOUSE
15 VAUGHAN STREET, PORTLAND, MAINE 04103

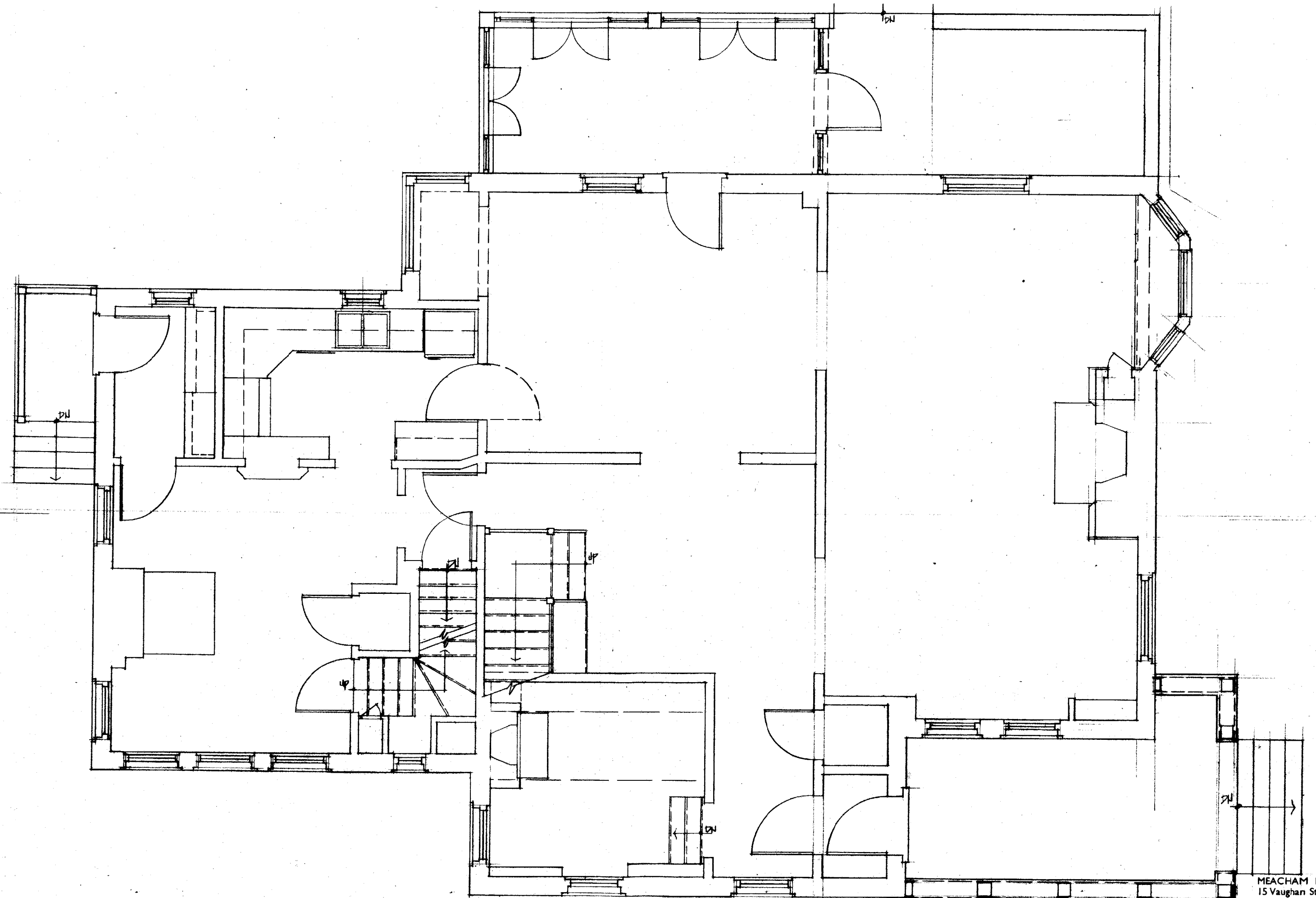


- ◇ CEILING FAN
- LIGHT
- INTERCOM

THIRD FLOOR ELECTRICAL PLAN
 1/2" = 1'-0" SCALE

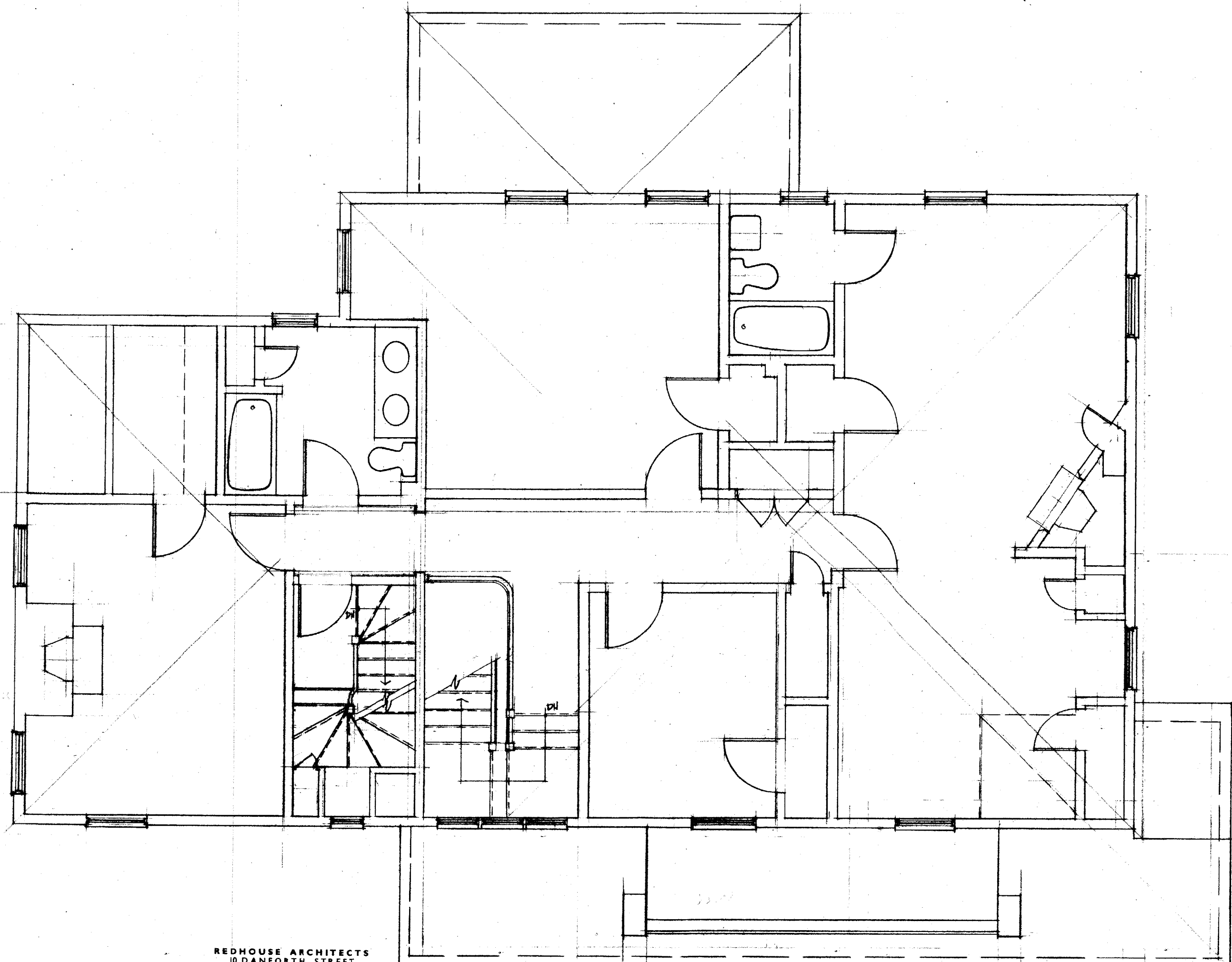
03/30/2001

3



REDHOUSE ARCHITECTS
10 DANFORTH STREET
PORTLAND, ME 04102

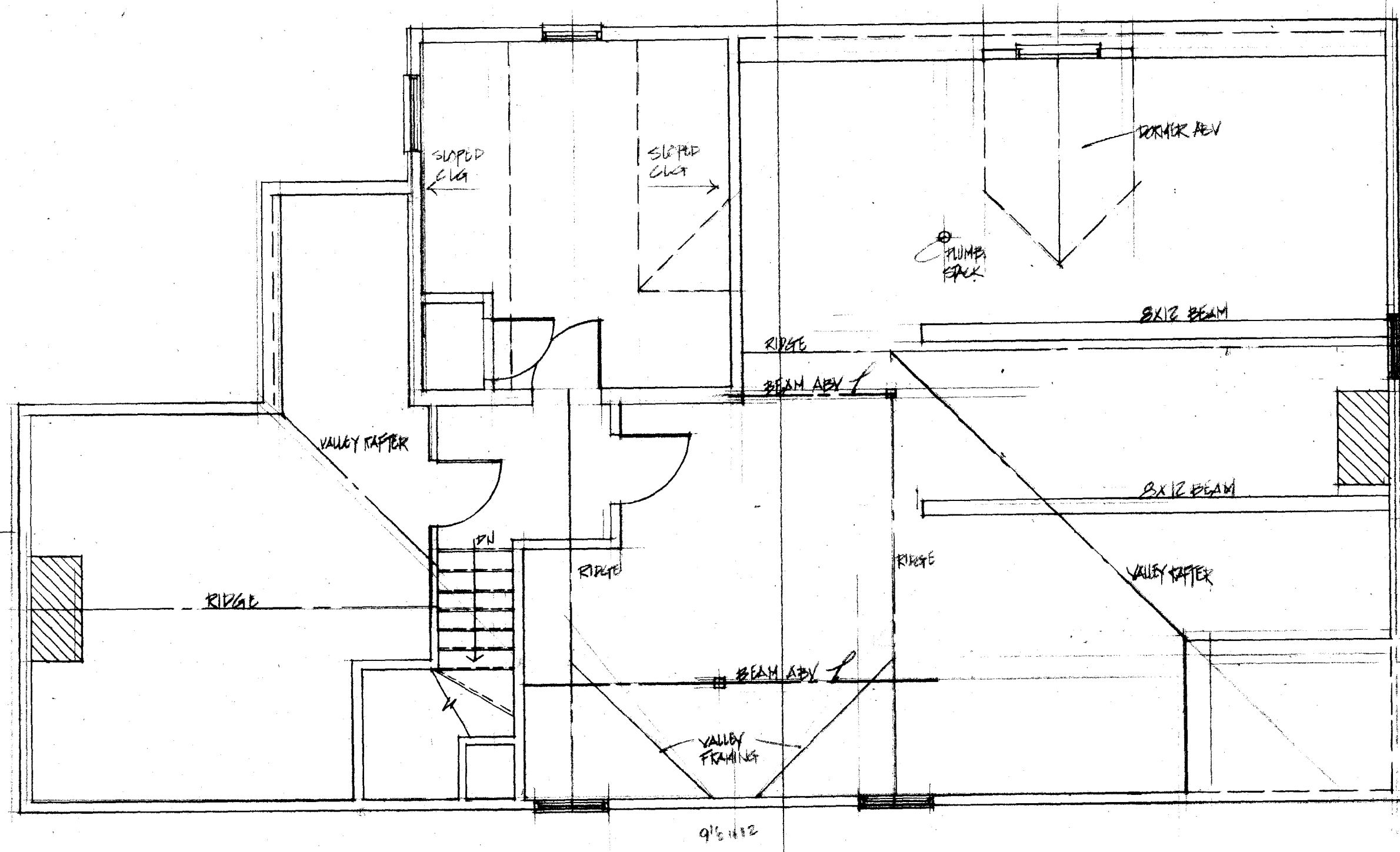
MEACHAM HOUSE
15 Vaughan Street
Portland ME 04102
EXISTING CONDITIONS

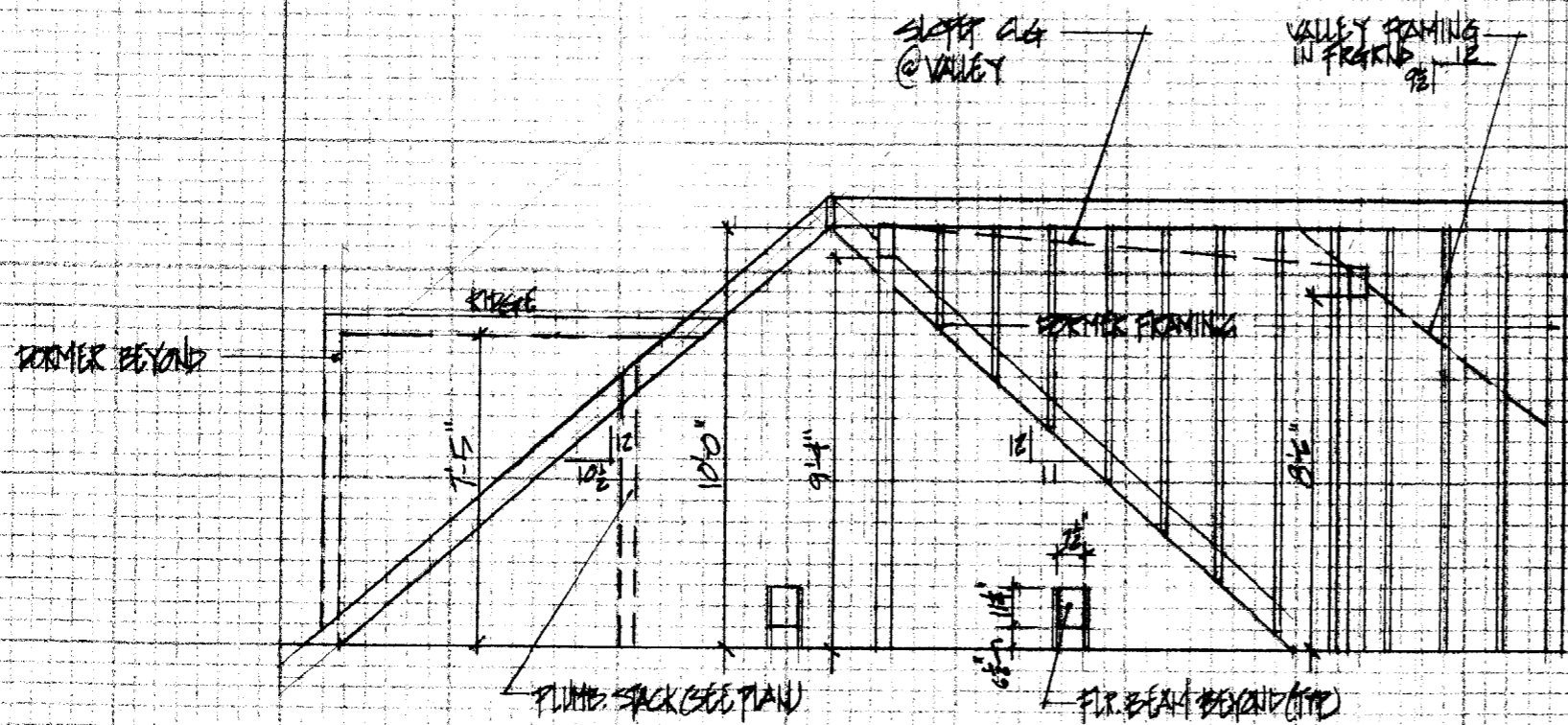


REDHOUSE ARCHITECTS
10 DANFORTH STREET

MEACHAM HOUSE
15 Vaughan Street
Portland ME 0410
EXISTING CONDITIONS
SECOND FLOOR PLAN
1/2" = 1'-0" SCALE

MAIN
ROOF PITCH 11/12





SCHEMATIC SECTION THRU ATTIC

MEACHAM RESIDENCE

$\frac{1/4" = 1'-0"}{1/2" = 1'-0"}$ SCALE
(ENLARGED TO 1/2" = 1'-0" SCALE)