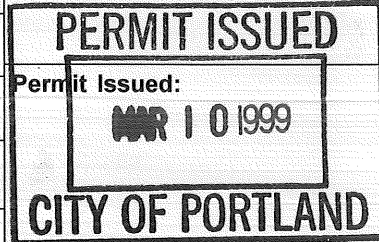


City of Portland, Maine – Building or Use Permit Application 389 Congress Street, 04101, Tel: (207) 874-8703, FAX: 874-8716

Location of Construction: 27 Verrill St Lot 13		Owner: David Chase		Phone: 797-9093		Permit No: 990201	
Owner Address:		Lessee/Buyer's Name:		Phone:		BusinessName:	
Contractor Name: ** Keith Alling		Address: 66 High Cliff Rd Windham ME 04092		Phone: 892-1148		Permit Issued: MAR 10 1999	
Past Use: Vacant		Proposed Use: 1-Fam		COST OF WORK: \$ 60,000		PERMIT FEE: \$ 320	
Proposed Project Description: Construct 1-family dwellign w/attached garage		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: R3 Type: 5B BOCA 96		Signature: <i>Hoffe</i>	
		Signature:		Signature:		Signature:	
Signature:		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		Action:		Date:	
		Approved <input type="checkbox"/>		Approved with Conditions: <input type="checkbox"/>		Denied <input type="checkbox"/>	
Permit Taken By: SP		Date Applied For: February 19, 1999					



Zone: R-3 CBL: 299-D-034

Zoning Approval: *OK*

Special Zone or Reviews:

Shoreland *NA*

Wetland

Flood Zone *Zone C*

Subdivision

Site Plan maj minor mm

Zoning Appeal

Variance

Miscellaneous

Conditional Use

Interpretation

Approved

Denied

Historic Preservation

Not in District or Landmark

Does Not Require Review

Requires Review

Action:

Approved

Approved with Conditions

Denied

Date: *9*

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..

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 provisions of the code(s) applicable to such permit

February 19, 1999

PERMIT ISSUED WITH REQUIREMENTS

SIGNATURE OF APPLICANT _____ ADDRESS: _____ DATE: _____ PHONE: _____

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE _____ PHONE: _____

CEO DISTRICT 1

COMMENTS

3/12/99 Forms Excavation Inspection. Phone discussion with David Chase re: drainage etc. revised plans to be submitted and surveyors statement of zoning compliance before backfilling foundation appov.
3/19/99

Inspection Record

Type	Date
Foundation: _____	_____
Framing: _____	_____
Plumbing: _____	_____
Final: _____	_____
Other: _____	_____

BUILDING PERMIT REPORT

DATE: 27 February 1999 ADDRESS: Verrill ST. Lot #13 CBL 299-D-034
 REASON FOR PERMIT: To Construct a one (1) Family dwelling attached garage
 BUILDING OWNER: David Chase
 CONTRACTOR: Keith Alling
 PERMIT APPLICANT: ↑
 USE GROUP R-3 BOCA 1996 CONSTRUCTION TYPE 5-B

CONDITION(S) OF APPROVAL

This Permit is being issued with the understanding that the following conditions are met:

Approved with the following conditions: *1, *2, *2.5, *2.6, *3, *5, *6, *8, *9, *10, *11, *12, *16, *24, *25, *26, *27, *29, *30, *31, *32, *33.

- *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)
- *2.5. 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
- *2.6. 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)
- *3. Precaution must be taken to protect concrete from freezing. Section 1908.0
- 4. 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.
- *5. 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 means of 1/2 inch gypsum board or the equivalent applied to the garage side. (Chapter 4 Section 407.0 of the BOCA/1996)
- *6. 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
- 7. Sound transmission control in residential building shall be done in accordance with Chapter 12 section 1214.0 of the city's building code.
- *8. 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", except Use Group R which is 36". In occupancies in Use Group A, B, H-4, I-1, I-2 M and R and 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". Use Group R-3 shall not be less than 30", but not more than 38".) 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)
- *9. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
- *10. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 3/4" maximum rise. All other Use group minimum 11" tread, 7" maximum rise. (Section 1014.0) (See Attached de Tail)
- *11. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6' 8") 1014.4
- *12. Every sleeping room below the fourth story in buildings of use Groups R and I-1 shall have at least one operable window or

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 1018.6)

13. 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
14. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closer's. (Over 3 stories in height requirements for fire rating is two (2) hours.) Section 710.0
15. 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
- X16. 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/1996), 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 basementsIn addition to the required AC primary power source, required smoke detectors in occupancies in Use Groups R-2, R-3 and I-1 shall receive power from a battery when the AC primary power source is interrupted. (Interconnection is required) Section 920.3.2
17. 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
18. The Fire Alarm System shall be maintained to NFPA #72 Standard.
19. The Sprinkler System shall maintained to NFPA #13 Standard.
20. All exit signs, lights, and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023. & 1024. Of the City's building code. (The BOCA National Building Code/1996)
21. 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".
22. 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 to the Division of Inspection Services.
23. Ventilation shall meet the requirements of Chapter 12 Sections 1210. Of the City's Building Code. (crawl spaces & attics)
- X24. All electrical, plumbing and HVAC permits must be obtained by a Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done.
- X25. All requirements must be met before a final Certificate of Occupancy is issued.
- X26. 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). *Or tie downs on rafters.*
- X27. 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)
28. Please read and implement the attached Land Use-Zoning report requirements.
- X29. Boring, cutting and notching shall be done in accordance with Sections 2305.4.4, 2305.5.1 and 2305.3. of the City's building code.
- X30. Glass and glazing shall meet the requirements of Chapter 24 of the building code.
- X31. *Your application for this building permit shows cost of work @ \$60,000.00. This est. is low - Before work is started you must either upgrade this figure or submit.*
20. *Your contract showing prices and labor to me for review - This permit is void without this -*
32. *Attic space shall meet the requirements of section 1211.0.*
- X33. *Water proofing & damp proofing Section 1813.0.*


F. Samuel Hennes, Building Inspector

cc: Lt. McDougall, PFD

Marge Schmuckal, Zoning Administrator

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

19990021
I. D. Number

Keith Alling
Applicant
66 Highland Cliff Rd, Windham, ME 04092
Applicant's Mailing Address
Keith Alling
Consultant/Agent
892-1148
Applicant or Agent Daytime Telephone, Fax

2/19/99
Application Date
Verrill St Lot 13
Project Name/Description

27 Verrill St
Address of Proposed Site
299-D-034
Assessor's Reference: Chart-Block-Lot

DRC Conditions of Approval

Approved subject to Site Plan Review (Addendum) Conditions of Approval:

All damage to sidewalk, curb, street, or public utilities shall be repaired to City of Portland standards prior to issuance of a Certificate of Occupancy.

Two (2) City of Portland approved species and size trees must be planted on your street frontage prior to issuance of a Certificate of Occupancy.

Your new street address is now 27 Verrill Street, the number must be displayed on the street frontage of your house prior to issuance of a Certificate of Occupancy.

The Development Review Coordinator (874-8300 ext.8722) must be notified five (5) working days prior to date required for final site inspection. Please make allowances for completion of site plan requirements determined to be incomplete or defective during the inspection. This is essential as all site plan requirements must be completed and approved by the Development Review Coordinator prior to issuance of a Certificate of Occupancy. Please schedule any property closing with these requirements in mind.

Show all utility connections: water, sanitary, sewer, storm drain, electric, telephone, cable.

A sewer permit is required for you project. Please contact Carol Merritt at 874-8300, ext . 8828. The Wastewater and Drainage section of Public Works must be notified five (5) working days prior to sewer connection to schedule an inspector for your site.

As-built record information for sewer and stormwater service connections must be submitted to Public Works Engineering Section (55 Portland Street) and approved prior to issuance of a Certificate of Occupancy.

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

A drainage plan shall be submitted to and approved by Development Review Coordinator showing first floor elevation (FFE), sill elevation (SE), finish street/curb elevation, lot grading, existing and proposed contours, drainage patterns and paths, drainage swales, grades at or near abutting property lines, erosion control devices and locations and outlets for drainage from the property.

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

Eroded soil shall be contained on site. Silt fence shall be placed down gradient of all disturbed areas. A crushed stone construction entrance shall be placed on the curb cut.

Planning Conditions of Approval

Inspections Conditions of Approval

1. Separate permits shall be required for future decks, sheds, pools, and/or garage.
2. Since several of the lot line setbacks are right on the structure, you will need to document where the lotlines are for the Code Enforcement Officer.
3. This permit is being approved on the basis of plans submitted. Any deviation(s) shall require a separate permit before starting that work.

Fire Conditions of Approval

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

19990021
I. D. Number

Keith Alling
Applicant
66 Highland Cliff Rd, Windham, ME 04092
Applicant's Mailing Address
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892-1148
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2/19/99
Application Date
Verrill St Lot 13
Project Name/Description

Verrill St
Address of Proposed Site
299-D-034
Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply): New Building Building Addition Change Of Use Residential
 Office Retail Manufacturing Warehouse/Distribution Parking Lot Other (specify) **no decks - attached garage**
1700 **R-3 zone**
 Proposed Building square Feet or # of Units Acreage of Site Zoning

Check Review Required:

- | | | | |
|--|---|--|--|
| <input checked="" type="checkbox"/> Site Plan
(major/minor) | <input type="checkbox"/> Subdivision
of lots _____ | <input type="checkbox"/> PAD Review | <input type="checkbox"/> 14-403 Streets Review |
| <input type="checkbox"/> Flood Hazard | <input type="checkbox"/> Shoreland | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional
Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance | <input type="checkbox"/> Other _____ | |

Fees Paid: Site Plan _____ Subdivision _____ Engineer Review **\$300.00** Date: **2/19/99**

Inspections Approval Status:

Reviewer **Marge Schmuckal**

- Approved **Approved w/Conditions**
see attached Denied
- Approval Date **2/25/99** Approval Expiration _____ Extension to _____ Additional Sheets Attached
- Condition Compliance _____
signature _____ date _____

Performance Guarantee Required* Not Required

* No building permit may be issued until a performance guarantee has been submitted as indicated below

<input type="checkbox"/> Performance Guarantee Accepted	_____	_____	_____
	date	amount	expiration date
<input type="checkbox"/> Inspection Fee Paid	_____	_____	
	date	amount	
<input type="checkbox"/> Building Permit Issued	_____		
	date		
<input type="checkbox"/> Performance Guarantee Reduced	_____	_____	_____
	date	remaining balance	signature
<input type="checkbox"/> Temporary Certificate of Occupancy	_____	<input type="checkbox"/> Conditions (See Attached)	
	date		
<input type="checkbox"/> Final Inspection	_____	_____	
	date	signature	
<input type="checkbox"/> Certificate Of Occupancy	_____		
	date		
<input type="checkbox"/> Performance Guarantee Released	_____	_____	
	date	signature	
<input type="checkbox"/> Defect Guarantee Submitted	_____	_____	_____
	submitted date	amount	expiration date
<input type="checkbox"/> Defect Guarantee Released			

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

19990021

I. D. Number

Keith Alling

Applicant

66 Highland Cliff Rd, Windham, ME 04092

Applicant's Mailing Address

Keith Alling

Consultant/Agent

892-1148

Applicant or Agent Daytime Telephone, Fax

2/19/99

Application Date

Verrill St Lot 13

Project Name/Description

27 Verrill St

Address of Proposed Site

299-D-034

Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply):
 New Building Building Addition Change Of Use Residential
 Office Retail Manufacturing Warehouse/Distribution Parking Lot Other (specify) **no decks - attached garage**

1700 Proposed Building square Feet or # of Units Acreage of Site **R-3 zone** Zoning

Check Review Required:

- | | | | |
|--|---|--|--|
| <input checked="" type="checkbox"/> Site Plan
(major/minor) | <input type="checkbox"/> Subdivision
of lots _____ | <input type="checkbox"/> PAD Review | <input type="checkbox"/> 14-403 Streets Review |
| <input type="checkbox"/> Flood Hazard | <input type="checkbox"/> Shoreland | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional
Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance | <input type="checkbox"/> Other _____ | |

Fees Paid: Site Plan _____ Subdivision _____ Engineer Review **\$300.00** Date: **2/19/99**

DRC Approval Status:

Reviewer **Jim Wendel**

- Approved **Approved w/Conditions** Denied
 see attached

Approval Date **3/10/99** Approval Expiration **3/10/00** Extension to _____ Additional Sheets Attached

Condition Compliance **Jim Wendel** **3/10/99**
 signature date

Performance Guarantee Required* Not Required

* No building permit may be issued until a performance guarantee has been submitted as indicated below

- | | | | |
|---|----------------|--|-----------------|
| <input type="checkbox"/> Performance Guarantee Accepted | _____ | _____ | _____ |
| | date | amount | expiration date |
| <input type="checkbox"/> Inspection Fee Paid | _____ | _____ | |
| | date | amount | |
| <input type="checkbox"/> Building Permit | _____ | | |
| | date | | |
| <input type="checkbox"/> Performance Guarantee Reduced | _____ | _____ | _____ |
| | date | remaining balance | signature |
| <input type="checkbox"/> Temporary Certificate Of Occupancy | _____ | <input type="checkbox"/> Conditions (See Attached) | |
| | date | | |
| <input type="checkbox"/> Final Inspection | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Certificate Of Occupancy | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Performance Guarantee Released | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Defect Guarantee Submitted | _____ | _____ | |
| | submitted date | amount | expiration date |
| <input type="checkbox"/> Defect Guarantee Released | _____ | _____ | |
| | date | signature | |

**CITY OF PORTLAND, ME
BOCA 1996 Plan Review Record
One and Two Family Dwelling**

Valuation: Application \$60,000 () Plan Review # 206-99
 Fee: \$320.00 Date: 27 February 1999

Building Location: Verrill St. Lot 13 CBL: 299-D-034

Building Description: Single Family dwelling / attached garage

Reviewed by: Sam Hoffses

Use or Occupancy: R-3 Type of Construction: 5-B

*NR: Not Required NA: Not Applicable SR: See Report X: OK per plan

Correction List		
NO:	Description	Code Section
1.	Before work is started - Either upgrade your cost estimate or submit your contract for this work with labor & materials.	
2.	All site and building requirements must be completed before a certificate of occupancy can or will be issued	111.0
3.	Waterproofing & dampproofing	1813.0
4.	Attic Space	1211.0
5.	Boring, cutting and Notching	2305.4.4, 2305.5.1, 2305.3
6.	Fastening Table	2305.2
7.	Glass & glazing	Chapter 24
8.	Private garage	407.
9.	Stair construction	1014.0
10.	Headroom Const.	1204.0

REV: PSH 6-28-98

Foundations (Chapter 18)

Wood Foundation (1808)

NA Design
NA Installation

Footings (1807.0)

- X Depth below (outside) grade 4' minimum; but below frost line except for insulated footings.
- NA Insulated footing provided
- X Soil bearing value (table 1804.3)
- X Footing width
- X Concrete footing (1810.0) .3.1, 3.2
- _____
- _____
- _____
- _____
- _____

Foundation Walls

- X Design (1812.1)
- X Minimum thickness Tables 1812.3.2.(1) & 1812.3.2 (2)
- SR Water-proofing and damp proofing Section 1813
- X Sill plate (2305.17)
- SR Anchorage bolting in concrete (2305.17)
- X Columns (1912)
- NA Crawl space (1210.2) Ventilation
- SR Crawl opening size (1210.2.1)
- SR Access to crawl and attic space (1211.0)
- _____

Floors (Chapter 16-23)

- X Joists - Non sleeping area LL40PSF (Table - 1606)
- X Joists - Sleeping area LL30PSF (Table - 1606)
- X Grade
- X Spacing
- X Span
- J.H. Girder 4" bearing 2305.6.1

Floors (contd.)

- ~~X~~ Bearing (1 1/2" minimum on wood or steel 3" on masonry) and lapped (3") 2305.2
- Bridging (2305.16)
- ~~SA~~ Boring and notching (2305.5.1)
- ~~SR~~ Cutting and notching (2305.3)
- ~~SA~~ Fastening table (2305.2)
- ~~NA~~ Floor trusses (AFPANDS Chapter 35)
- ~~X~~ Draft stopping (721.7)
- ~~X~~ Framing of openings (2305.11) (2305.12)
- ~~X~~ Flooring - (2304.4) 1" solid - 1/2" particle board
- ~~SA~~ Concrete floors (1905) 3 1/2" 6 mil polyethylene vapor retarder
-
-
-
-
-

Wall Construction (Chapter 2300)

- ~~X~~ Design (1609) wind loads
- ~~X~~ Load requirements
- ~~X~~ Grade
- ~~SA~~ Fastening schedule (Table 2305.2)
- ~~X~~ Wall framing (2305.4.1)
- ~~X~~ Double top plate (2305.4.2)
- ~~X~~ Bottom plates: (2305.4.3)
- ~~SA~~ Notching and boring: (2305.4.4) studs
- ~~X~~ Non load bearing walls (2305.5)
- ~~SA~~ Notching and boring (2305.5.1)
- ~~X~~ Wind bracing (2305.7)
- ~~X~~ Wall bracing required (2305.8.1)
- ~~X~~ Stud walls (2305.8.3)
- ~~X~~ Sheathing installation (2305.8.4)
- ~~X~~ Minimum thickness of wall sheathing (Table 2305.13)
- ~~NA~~ Metal construction
- ~~NA~~ Masonry construction (Chapter 21)
- ~~X~~ Exterior wall covering (Chapter 14)
- ~~X~~ Performance requirements (1403)
- ~~X~~ Materials (1404)
- ~~NA~~ Veneers (1405)
- ~~X~~ Interior finishes (Chapter 8)

Roof-Ceiling Construction (Chapter 23)

- Roof rafters - Design (2305.15) spans
- Roof decking and sheathing (2305.15.1) 5/8" boards and (2307.3) (Table 2307.3.1(2))
- Roof trusses (2313.3.1) *Garage*
-
-
-
-
-

Roof Coverings (Chapter 15)

- Approved materials (1404.1)
- Performance requirement (1505)
- Fire classification (1506)
- Material and installation requirements (1507)
- NA* Roof structures (1510.0)
- Type of covering (1507)

**Chimneys and Fireplaces
BOCA Mechanical/1993**

- Masonry (1206.0)
- NA* Factory - built (1205.0)
- NA* Masonry fireplaces (1404)
- NA* Factory - built fireplace (1403)
- NFPA 211

**Mechanical
1993 BOCA Mechanical Code**

Chapter 12

-
-
-
-
-
-

State Plumbing Code
Public Water

Load Design Criteria

Floor live load sleeping	<u>30 PSF</u>	<u>X</u>
Floor live load non sleeping	<u>40 PSF</u>	<u>X</u>
Roof live load	<u>42 PSF</u>	<u>X</u>
Roof snow load	<u>46 PSF</u>	<u>X</u>
Seismic Zone	<u>2</u>	<u>X</u>
Weathering area	<u>S</u>	<u>X</u>
Frost line depth	<u>4' MIN</u>	<u>X</u>

Glazing (Chapter 24)

- SR Labeling (2402.1)
- Louvered window or jalousies (2402.5)
- Human impact loads (2405.0)
- Specific hazardous locations (2405.2)
- Sloped glazing and skylights (2404)

Private Garages (Chapter 4)

- SR General (407)
- Beneath rooms (407.3)
- Attached to rooms (407.4)
- Door sills (407.5)
- Means of egress (407.8)
- Floor surface (407.9)

Egress (Chapter 10)

- ~~*~~ One exit from dwelling unit (1010.2)
 - ~~SA~~ Sleeping room window (1010.4)
 - ~~A~~ EXIT DOOR (1017.3) 32" W 80" H
 - ~~X~~ Landings (1014.3.2) stairway
 - ~~NA~~ Ramp slope (1016.0)
 - ~~SA~~ Stairways (1014.3) 36" W
 - ~~SA~~ Treads (1014.6) 10" min.
 - ~~SA~~ Riser (1014.6) 7 3/4" max.
 - ~~SA~~ Solid riser (1014.6.1)
 - ~~NA~~ Winders (1014.6.3)
 - ~~NA~~ Spiral and Circular (1014.6.4)
 - ~~SA~~ Handrails (1022.2.2.) Ht.
 - ~~SA~~ Handrail grip size (1022.2.4) 1 1/4" to 2"
 - ~~SA~~ Guards (1012.0) 36" min.
- _____

Smoke Detectors (920.3.2)

- ~~SA~~ Location and interconnection
- ~~SA~~ Power source

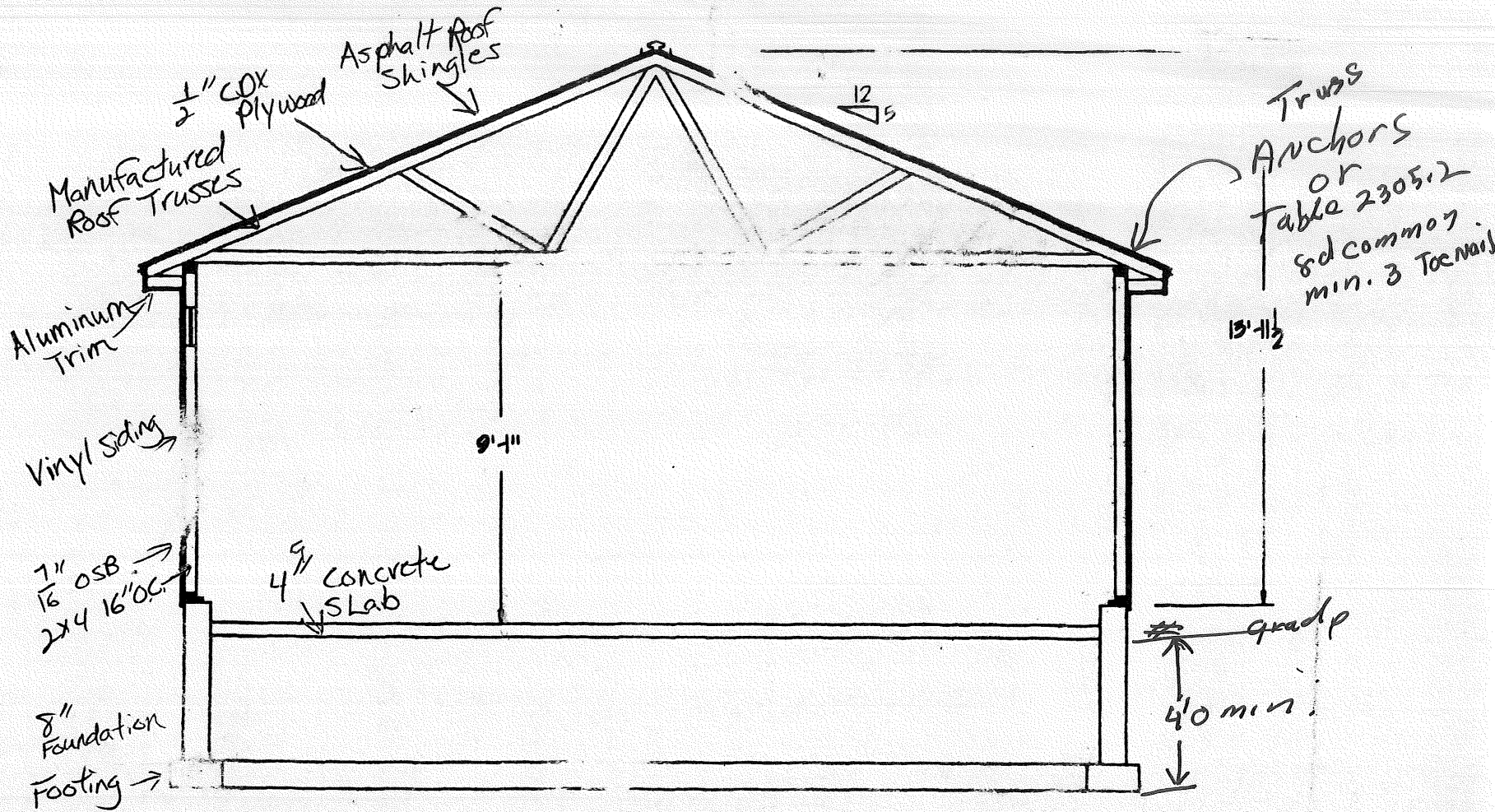
Dwelling Unit Separation

Table 602

~~NA~~

Electrical

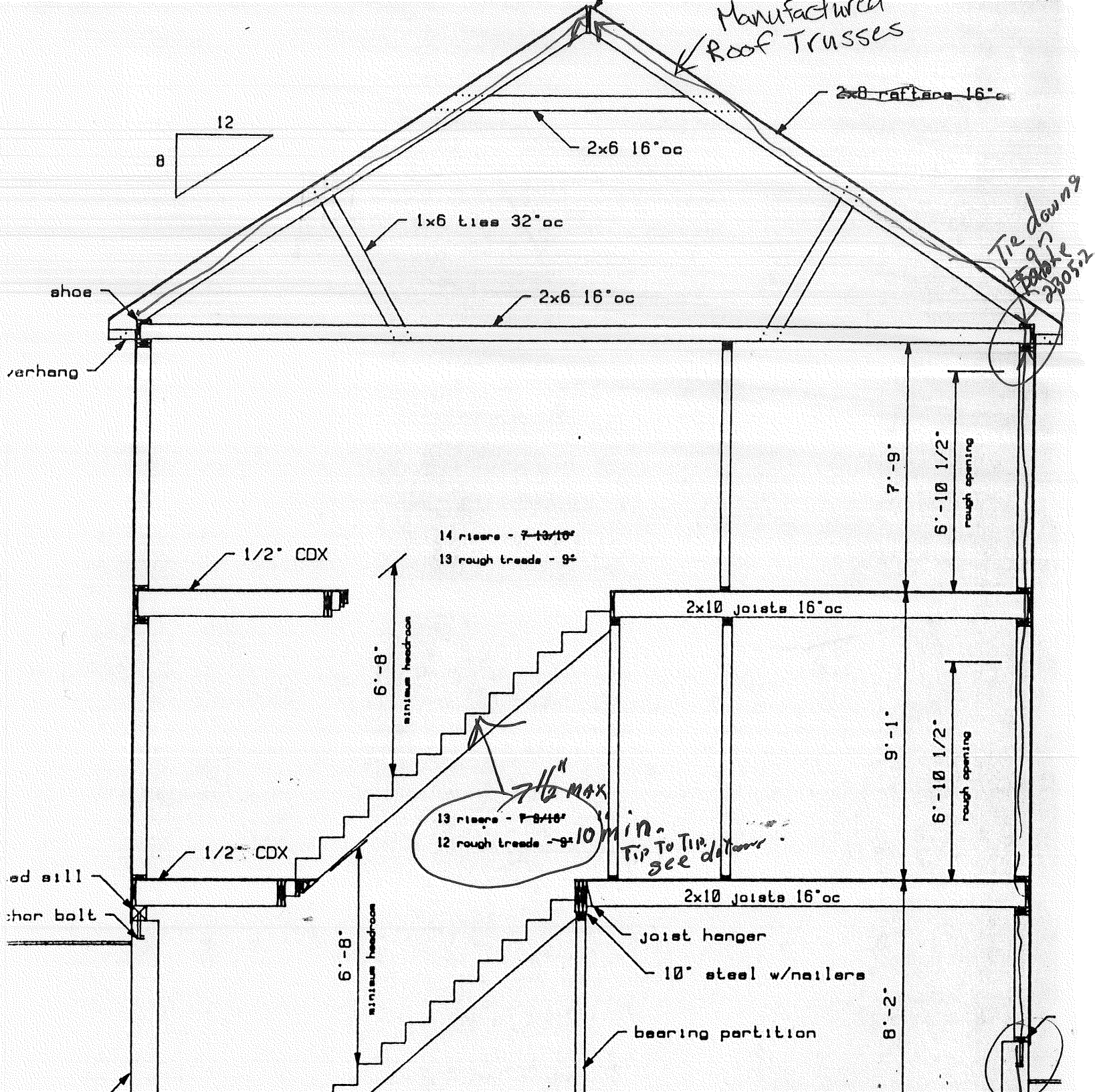
NFPA #



Section

E

E

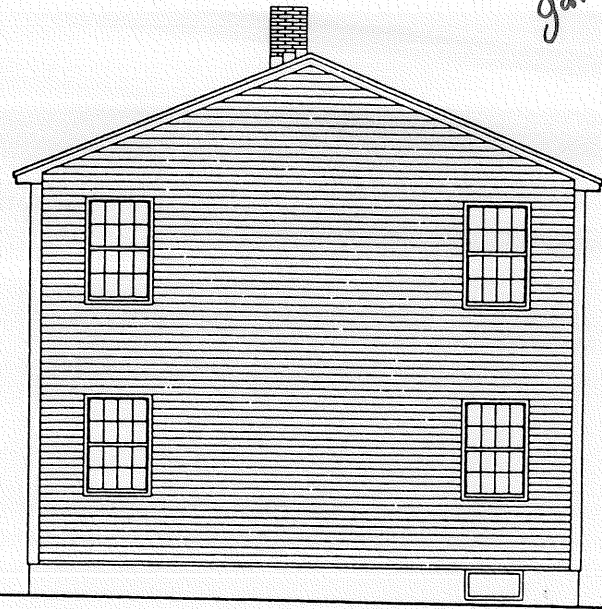


APPENDIX A



FRONT ELEVATION

SCALE 1/4"=1'-0"



RIGHT ELEVATION

SCALE 1/4"=1'-0"

832 Δ
 X' 75.00 Δ

 62,400
 garage 576 Φ
 235.00 Φ
 13,160
 75,560
 MIN

MAINE
 DRAFTING
 DESIGN, INC.
 YARMOUTH, MAINE

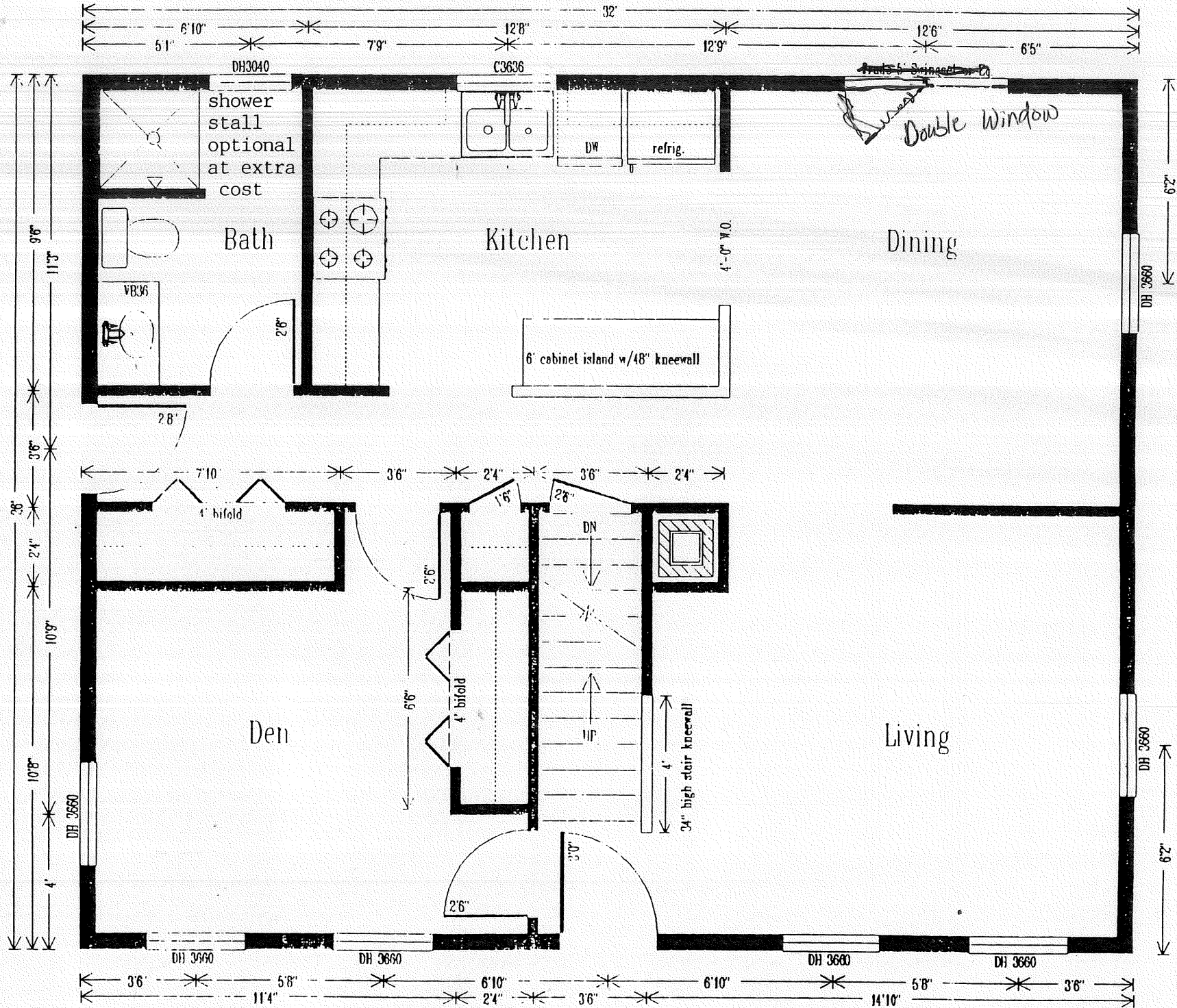
KEITH ALLING
 26' X 32' COLONIAL

ELEVATIONS

BY: W. T. W.	SCALE: 1/4"=1'-0"
DATE: 1-80	SHEET: 1 OF 5

NOTICE:

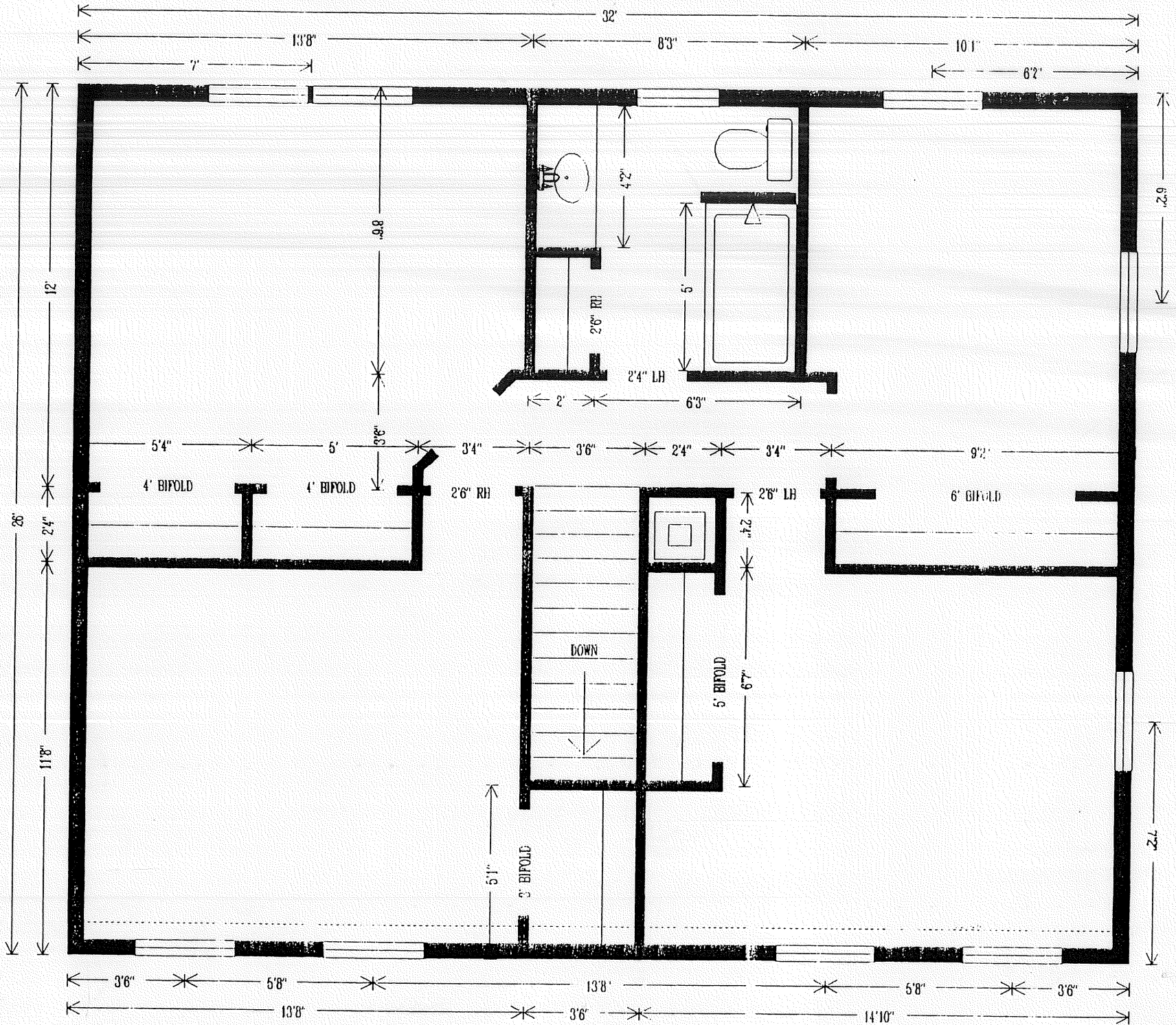
THIS DRAWING IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. IF USED FOR CONSTRUCTION, THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR STATE AND LOCAL CODE COMPLIANCE.



First floor plan - 26x32 format - scale: 1/4" = 1'-0" - CPI

Second Floor Plan -
COLONIAL

Scale: 1/4" = 1' CPI





CITY OF PORTLAND
Planning and Urban Development Department

MEMORANDUM

TO: Joseph E. Gray, Jr., Director of Planning and Urban Development
Alexander Jaegerman, Chief Planner

FROM: James Seymour, Acting Development Review Coordinator

DATE: April 5, 1995

SUBJECT: Disclaimer Statement of Existing Poorly Drained Areas

It is the responsibility of the lot owner/homebuilder to assess drainage and provide for appropriate stormwater management design and engineering in an area which has evidence of poor hydrologic soil conditions, and/or a history of poor drainage, ponding, or soils saturation due to topography, fluctuation of seasonal ground water tables creating surface flooding, or as a result from rainfall events or snow/ice melts. The City of Portland is not responsible for resolving the drainage of land areas which could be described in any one of the above conditions.

The City of Portland Development Review Coordinator reviews lot grading for all single family homes to assure that field elevations will conform to the grades which exist at the abutting property line or to the grades which have been previously approved at the abutting property lines. The construction standards require that final foundation elevations be provided on site plans which are a minimum of 2 1/2 feet higher than street grades established at the frontage of the lot and provide positive drainage away from the entire foundation perimeter, including garage, and all basement accesses (ie. bulkheads, doorways and windows). As long as these standards are strictly enforced, most water problems on single family lots will be avoided. However, in locations with clear evidence of hydric soils, the following note shall be placed on all approved site plans:

"The City of Portland Development Review Coordinator has reviewed and approved this plan. The lot is located in an areas that is subject to seasonal conditions of saturation by surface or groundwater. Approval of this plan does not constitute a guarantee that no water problems will be experienced by the homeowners in this vicinity. Homeowners are advised to exercise care and diligence to ensure that their home and yard is adequately constructed and graded for localized drainage conditions."

**CITY OF PORTLAND, MAINE
PUBLIC NOTICE**

To All Building Permit Applicants and/or Contractors:

Effective immediately all temporary erosion control measures as shown on submitted site plans or as made part of a conditional approval of a site plan shall be installed, maintained, and inspected for proper functioning. Erosion control measures include but are not limited to silt fencing hay bales, stone check dams, earthen berms, stone lined swales, riprap embankments, riprap inlet/outlets of any pipe channel or culvert, sodded or grass strips, hay mulch cover on exposed soils, jute matting or erosion control blanket/matting, geotextile grids or webbing, and any provision approved by the City Engineer or Development Review Coordinator to decrease erosion or sedimentation.

All temporary and permanent erosion control measures shall be in conformance with the Maine Erosion and Sediment Control Handbook for construction: Best Management Practices as published by Cumberland County SWCD and the Maine Department of Environmental Protection. Consistent failure to install, maintain, or construct in an acceptable manner will result in a stop work order on the building permit. All erosion control measures shall be established in proposed areas of disturbed soils resulting from construction activities prior to actual construction unless a specific deadline has been made a condition of approval or agreed to by a Public Works Engineer or the Development Review Coordinator.

Effective immediately any request for Certificate of Occupancy will be denied if the above measures have not been addressed or completed. Only under extreme conditions, due to weather, shall the omission of the erosion control standards be included on the conditions for a Certificate of Occupancy, otherwise the request for a Certificate will be refused.

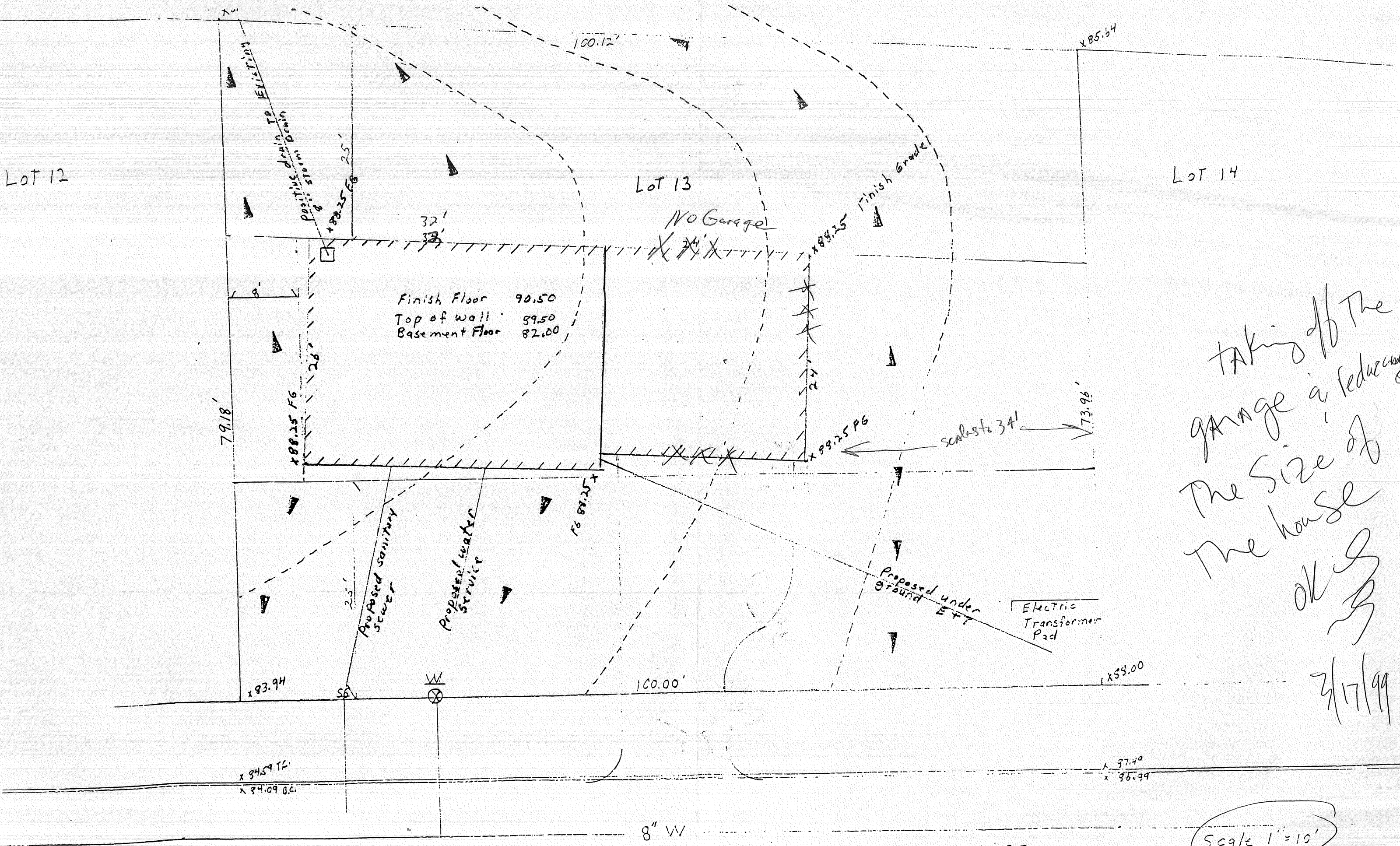
The City of Portland Planning Department and Public Works Department consider Erosion and Sediment Control Planning to be an absolutely necessary initial construction activity that requires as much attention and enforcement as building construction. For the protection of sensitive waterbodies, undisturbed lands, neighboring properties, established vegetated areas, and municipal drainage systems please pay careful attention to erosion and sediment control measures and conform to the notes, details, and conditions of approval as noted on your approved site plan. These controls must be installed and maintained continuously throughout the construction period. The City may inspect the site at any time to ensure compliance, and violations could result in work stoppage orders as indicated above.

We appreciate your prompt compliance with these requirements.

Lot 12

Lot 13

Lot 14



taking off the
 garage is reducing
 the size of
 the house
 ok
 3/17/99

Scale 1" = 10'