

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

Location of Construction: 21 Reservoir Road		Owner: Garry & Maureen Fox		Phone: 766-5980	Permit No: 010004
Owner Address:		Lessee/Buyer's Name:	Phone:	BusinessName:	
Contractor Name: Barry Shaw (chimney)		Address: 74 Welsh Street, Peaks Island		Phone:	Permit Issued: JAN 3 2001
Past Use: Single Family	Proposed Use: Single Family	COST OF WORK: \$ 6,400.00	PERMIT FEE: \$ 66.00		
Proposed Project Description: Build fireplace & deck/walkway		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: R-3 Type 5B BOC 499	Zone: IR-1 CBL: 089-J-006
		Signature:		Signature: <i>[Signature]</i>	
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied		Zoning Approval: OK with Special Zone or Reviews: <i>audited 1/2/01</i>	
		Signature:		Date:	
Permit Taken By: Gayle		Date Applied For: December 26, 2000 GG			

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..

Contractor for deck: Mark O'Neil
Riverside Road
Tom's River, NJ

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

December 26, 2000

SIGNATURE OF APPLICANT ADDRESS: DATE: PHONE:

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE PHONE:

White-Permit Desk Green-Assessor's Canary-D.P.W. Pink-Public File Ivory Card-Inspector

PERMIT ISSUED WITH REQUIREMENTS

- 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: *[Signature]*

PERMIT ISSUED WITH REQUIREMENTS
REQ. DISTRICT

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

Minor/Minor Site Review for New Detached Single Family Dwelling, Additions/Alterations/Accessory Structures, Multi-Family, Commercial Interior Rehab (other than additions), Change of Use

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

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

Location/Address of Construction: 21 RESERVOIR ROAD PEAK ISLAND, MAINE 04108

Total Square Footage of Proposed Structure(s) 248 sq. ft. (DECK/WALKWAY) TO sq. ft. STAIRS/DECK ^{FRONT} Square Footage of Lot 34,073 sq. ft.

Tax Assessor's Chart, Block & Lot Number Chart# <u>089</u> Block# <u>J</u> Lot# <u>006</u>	Owner: <u>GARY & MAUREEN FOX</u>	Telephone#: <u>(207) 766-5980</u>
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Lessee/Buyer's Name (If Applicable)	Owner's/Purchaser/Lessee Address:	Cost Of Work: Fee: \$ <u>6400.00</u>
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Current use: _____ Proposed use: _____ Fee 66.00

Project description:
DECKS / WALKWAY / STAIRS

Contractor's Name, Address & Telephone <u>CHIMNEY -> BARRY SHAW MASON</u> <u>74 WELCH ST PEAK ISLAND, ME</u>	Rec'd By: <u>MARK O'NEILL</u> <u>RIVERSIDE RD TOMS RIVER, N.J.</u>	<u>12/21</u>
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Separate permits are required for Internal & External Plumbing, HVAC and Electrical installation.

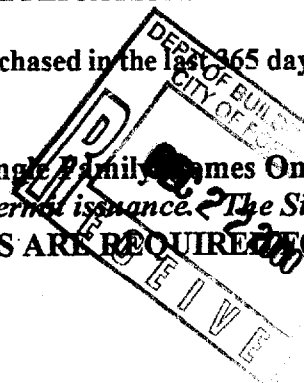
- All construction must be conducted in compliance with the 1999 B.O.C.A. Building Code as amended by Section 6-Art II.
- All plumbing must be conducted in compliance with the State of Maine Plumbing Code.
- All Electrical Installation must comply with the 1999 National Electrical Code as amended by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

AMENDMENT TO PERMIT II

YOU MUST INCLUDE THE FOLLOWING WITH YOUR APPLICATION:

- A Copy of Your Deed or Purchase and Sale Agreement if purchased in the last 365 days
- A Plot Plan (Sample Attached)

A "minor/minor" site plan review is required for New Single Family Homes Only (does not include additions, alterations or accessory structures) prior to permit issuance. **THE SITE PLAN MUST BE PREPARED AND SEALED BY A REGISTERED LAND SURVEYOR. FOUR COPIES ARE REQUIRED FOR NEW SINGLE FAMILY HOMES**



001067

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

A complete plot plan (Site Plan) includes:

- The shape and dimension of the lot, all existing buildings (if any), the proposed structure and the distance from the actual property lines. Structures include decks porches, a bow windows cantilever sections and roof overhangs, as well as, sheds, pools, garages and any other accessory structures.
- Scale and North arrow; Zoning District & Setbacks
- First Floor sill elevation (based on mean sea level datum);
- Location and dimensions of parking areas and driveways;
- Location and size of both existing utilities in the street and the proposed utilities serving the building;
- Location of areas on the site that will be used to dispose of surface water.
- Existing and proposed grade contours

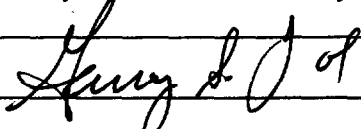
Building Plans are required for all construction, including interior rehab (Sample Attached)

A complete set of construction drawings showing all of the following elements of construction:

- Cross Sections w/Framing details (including porches, decks w/ railings, and accessory structures)
- Floor Plans & Elevations
- Window and door schedules
- Foundation plans with required drainage and damp proofing
- Electrical and plumbing layout. Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review must be included.

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/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: 	Date: 12/21/00
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Minor/Minor Site Review Fee: \$300.00/Building Permit Fee: \$30.00 for the 1st \$1000.cost plus \$6.00 per \$1,000.00 construction cost thereafter.

AUTOCAD OR ADOBE FORMAT REQUIRED FOR ALL COMMERICAL PROJECTS

BUILDING PERMIT REPORT

DATE: 26 DEC. 2000 ADDRESS: 21 Reservoir Rd CBL: 089-J-006

REASON FOR PERMIT: To Construct Fire place/deck/walkway

BUILDING OWNER: The Fox's

PERMIT APPLICANT: _____ / CONTRACTOR Barry Shaw Chimney

USE GROUP: R-3 CONSTRUCTION TYPE: 50 CONSTRUCTION COST: 6,400/00 PERMIT FEES: 6600

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, *6, *9, *11, *13
*22 *34 *35 *31

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

12/24

19. 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
20. 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)
21. The Fire Alarm System shall be installed and maintained to NFPA #72 Standard.
22. The Sprinkler System shall be installed and maintained to NFPA #13 Standard.
23. 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)
24. 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".
25. 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.
26. 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).
- * 27. 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.
28. All requirements must be met before a final Certificate of Occupancy is issued.
29. 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).
30. 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)
31. Please read and implement the attached Land Use Zoning report requirements. *your rear setback is 30 ft The minimum required under zoning. The Code Enforcement Office will request to see where your rear lot line is to check the setbacks*
32. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.4.1, 2305.4.4 and 2305.5.1 of the City's Building Code.
33. Bridging shall comply with Section 2305.16.
- * 34. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2406.0)
- * 35. All flashing shall comply with Section 1406.3.10.
- * 36. All signage shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1999).

[Signature]
 P. Samuel Hoffses, Building Inspector
 Lt. McDougall, PFD
 Marge Schmuckal, Zoning Administrator
 Michael Nugent, Inspection Service Manager

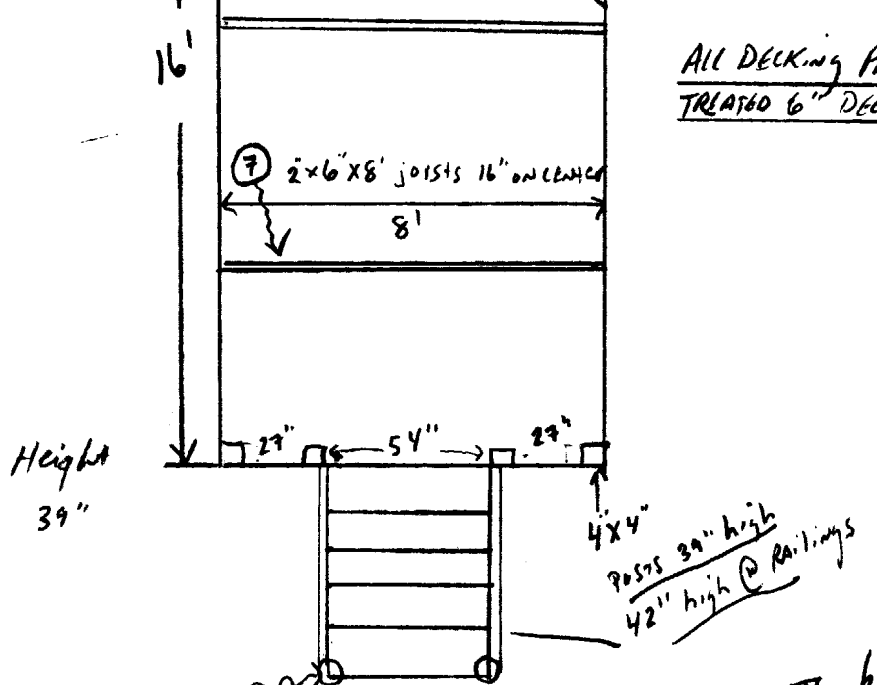
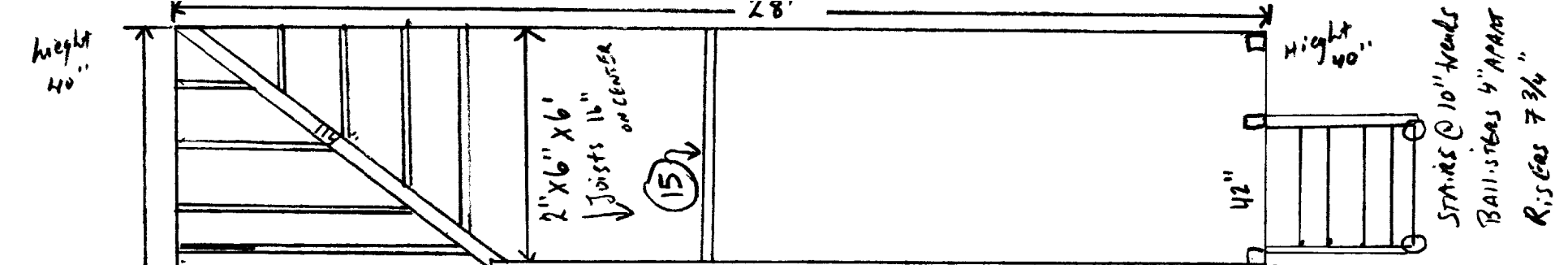
PSH 10/1/00

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

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

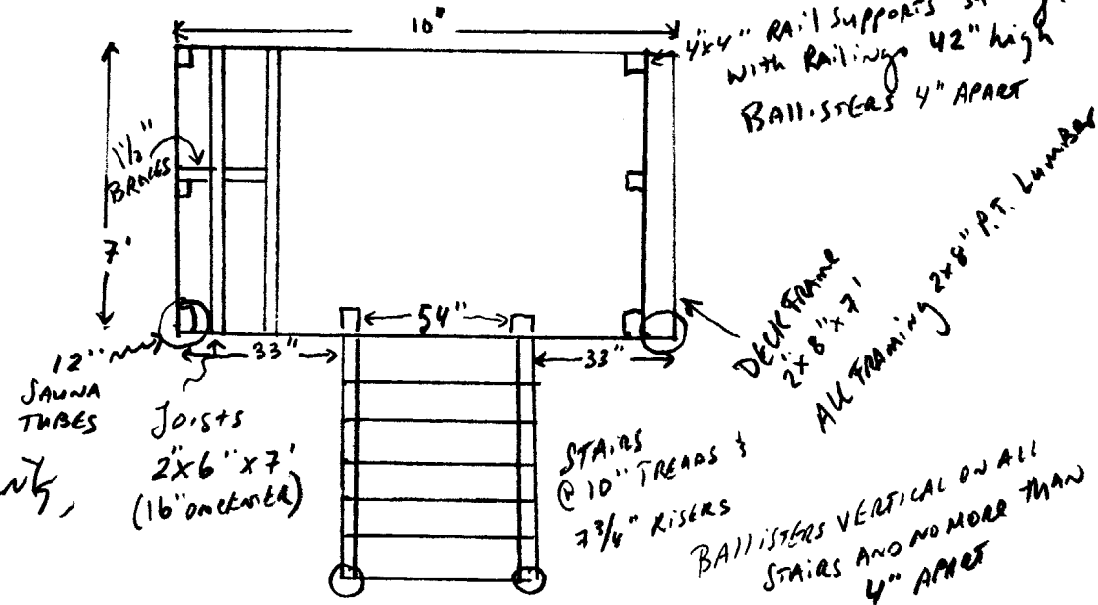
******ALL PLANS THAT REQUIRE A PROFESSIONAL DESIGNER'S SEAL, (AS PER SECTION 114.0 OF THE BUILDING CODE) SHALL ALSO BE PRESENTED TO THIS DIVISION ON AUTO CAD LT. 2000, DXF FORMAT OR EQUIVALENT.**

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



All Decking Pressure Treated 6" Decking

FRONT DECK 7'x10' AND STEPS



ALL STAIRS SUPPORTED BY 6" SAUNA TUBES FILLED WITH CONCRETE TO BEDROCK OR 4 FEET DEEP.

STAIRS @ 10" TREADS
BALL-STEERS 4" APART
RISERS 7 3/4"

see attachment

DECKS, WALKWAY ALL SUPPORTED BY 6x6" PRESSURE TREATED POSTS ON 12" CONCRETE SAUNA TUBE SUPPORTS WITH BOLTS EMBEDDED IN CONCRETE WITH METAL BRACKET SUPPORTS

Height 6' 5"

DECK & WALKWAY ATTACHED TO HOUSE WITH BOLTS 2'x8" PRESSURE TREATED LUMBER

See Attachment

Materials List for Proposed: CHIMNEY, DECKS, FRONT/SIDE/AND BACK STEPS.

CHIMNEY / DOUBLE FLUE

DIMENSIONS: 16 " X 28" WITH DUAL 8 " TILE LINED FLUES

Cinder-block, with dual flues: 29 Feet

Brick cap, with dual flues: Last 6 ' of finish

TOTAL CHIMNEY HEIGHT: 35 FEET FROM BASEMENT FLOOR.

Thimbles to be located in basement for Forced hot-water furnace & for a wood-stove

Construction Materials List: Chimney cinder-block construction with tile liners

Brick cap with tile liners to 3 feet above roof-line.

Mortar for block and brick work & refractory cement for tile liners.

Estimated Cost: Materials: \$1400.00

Labor : \$2000.00

Total Chimney Estimate: \$3400.00

DECKS / WALKWAYS / & STEPS FOR HOUSE COMPLETION

DESCRIPTION OF WORK: 1. Wrap-around deck off Northeast corner of house providing steps and Access to rear mud-room door and 6 foot sliding glass door off the kitchen/dining Room.

2. Front steps with 7 x 10 foot deck.

3. 12 x 12 foot deck off of living room 6 foot glass sliding door.

DIMENSIONS: 1. WRAP AROUND DECK 16' X 8 ' ON NORTHSIDE TO MUDROOM DOOR
28' X 6' ON BACKSIDE OF HOUSE TO SLIDING
GLASS DOOR

Materials Estimate: \$3,000.00

Front Steps with 7' x 10' Deck with 4 x 4 inch post railings.

Materials List: All lumber will be pressure treated

1. 6 " pressure treated posts on 12 " sauna tube footers, 4 feet deep with metal plates for posts, bolted with ½ inch bolts.
2. Deck frame made with 2 x 8 's, 10 feet on the front and 7 feet on the sides.
3. (7) 2 x 6 x 7' joists
4. Railings mounted to 4 x 4 inch posts bolted into deck supports.
5. Ballisters will be no more than 4 inches apart around deck and on side of stairs. Ballister height 42 inches.
6. Height of stairs : 6 feet 5 inches. Width of stairs 54 inches.
7. Risers 7 ¾ inches with 10 inch treads.

Back walkway and Side deck exits off Mud room and sliding door off kitchen.

Wrap-around Deck / walkway Dimensions: 16 feet X 8 feet Deck connecting to sliding door walkway 28 feet X 6 feet.

Stairs off walkway 42 inches wide and 40 inches high. Stairs off side 8 foot deck will be 54 inches high and 42 inches wide.

Ballisters will be 42 inches high/ risers 7 ¾ inches with 10 inch treads.

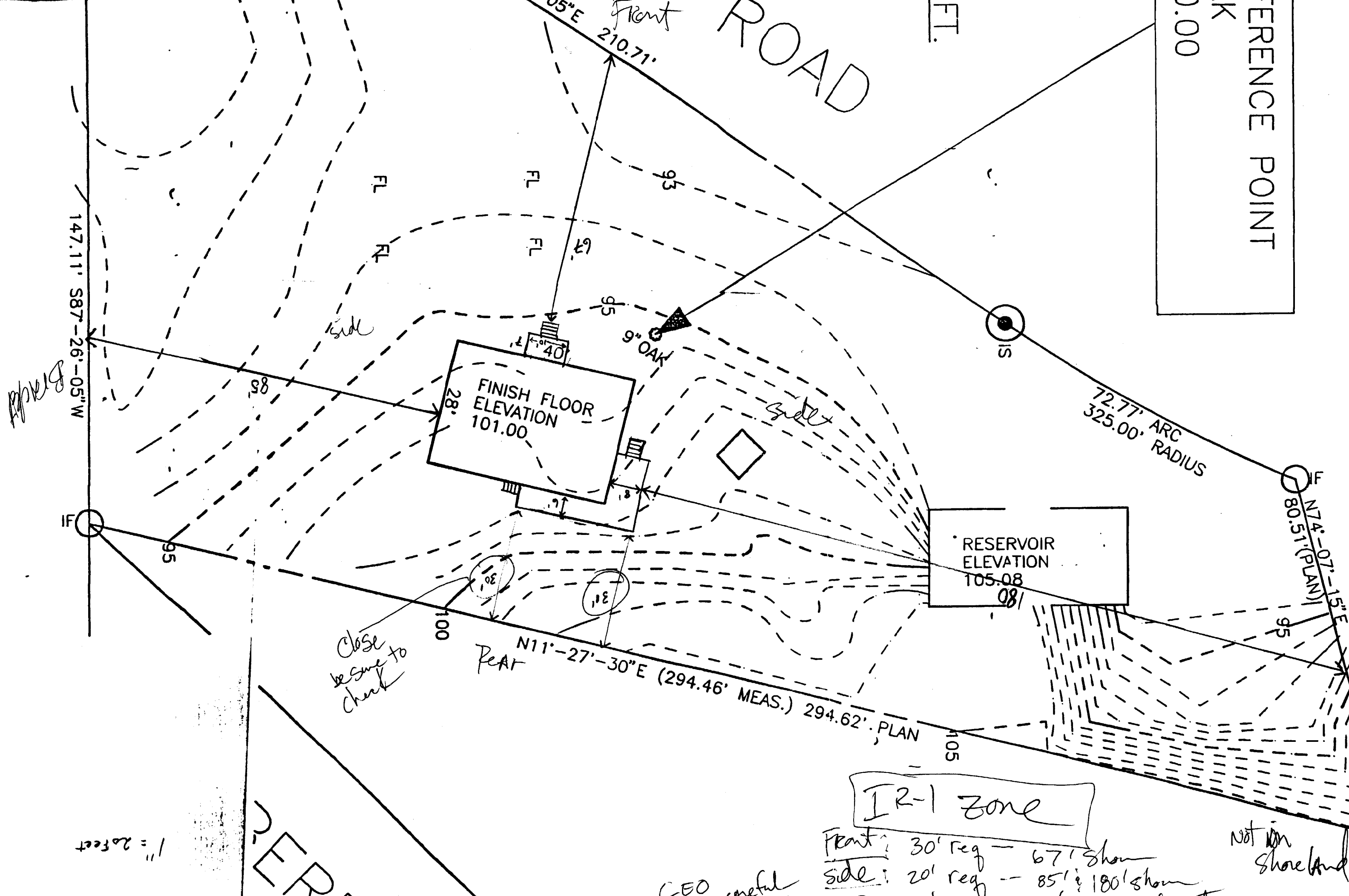
Materials List: All lumber will be pressure treated. Deck and walkway support Posts will be 6 x 6 inch posts on 12 inch concrete sauna tubes.

Posts will be bolted on metal plates at base.

Rails and ballisters will be attached to 4 x 4 inch posts, bolted into deck/walkway framework of 2 x 8 inch lumber.

All joists for deck will be 16 inches on center and made of 2 x 6 inch pressure treated lumber.

Estimated materials cost for decks, walkway, and steps: \$ 3,000.00



REFERENCE POINT
K
0.00

ROAD

FINISH FLOOR
ELEVATION
101.00

RESERVOIR
ELEVATION
105.08

FRONT
210.71'
5°E

72.77' ARC
325.00' RADIUS

147.11' S87-26-05"W

294.46' MEAS.) 294.62' PLAN

N11-27-30"E

IR-1 Zone

FRONT: 30' req - 67' show
SIDE: 20' req - 85' & 180' show

not in Shoreland

Close
be sure to
check

1" = 20 feet

CEO careful