

ISLAND AVENUE
90-R-3-4

PEAKS ISLAND

NO. 1000
SEATTLE, WASH.



APPLICATION FOR PERMIT
DEPARTMENT OF BUILDING INSPECTIONS SERVICES
ELECTRICAL INSTALLATIONS

Date Aug. 3, 19 79
 Receipt and Permit number A 28920

To the CHIEF ELECTRICAL INSPECTOR, Portland, Maine:

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

LOCATION OF WORK: 90-R- 4 & 5 Isalm Ave. Peaks Island
 OWNER'S NAME: Margaret Hayden ADDRESS: lives there

OUTLETS: there is another permit that goes with this, also ready FEES

Receptacles _____ Switches _____ Plugmold _____ ft. TOTAL _____

FIXTURES: (number of)
 Incandescent _____ Flourescent _____ (not strip) TOTAL _____
 Strip Flourescent _____ ft. _____

SERVICES:
 Overhead _____ Underground _____ Temporary _____ TOTAL amperes _____

METERS: (number of) _____

MOTORS: (number of)
 Fractional _____
 1 HP or over _____

RESIDENTIAL HEATING:
 Oil or Gas (number of units) _____
 Electric (number of rooms) _____

COMMERCIAL OR INDUSTRIAL HEATING:
 Oil or Gas (by a main boiler) _____
 Oil or Gas (by separate units) _____
 Electric Under 20 kws _____ Over 20 kws _____

APPLIANCES: (number of)
 Ranges xx Water Heaters _____
 Cook Tops _____ Disposals _____
 Wall Ovens _____ Dishwashers _____
 Dryers _____ Compactors _____
 Fans _____ Others (denote) _____
 TOTAL _____ **1.50**

MISCELLANEOUS: (number of)
 Branch Panels _____
 Transformers _____
 Air Conditioners Central Unit _____
 Separate Units (windows) _____
 Signs 20 sq. ft. and under _____
 Over 20 sq. ft. _____
 Swimming Pools Above Ground _____
 In Ground _____
 Fire/Burglar Alarms Residential _____
 Commercial _____
 Heavy Duty Outlets, 220 Volt (such as welders) 30 amps and under _____
 over 30 amps _____
 Circus, Fairs, etc. _____
 Alterations to wires _____
 Repairs after fire _____
 Emergency Lights, battery _____
 Emergency Generators _____

INSTALLATION FEE DUE: _____
 FOR ADDITIONAL WORK NOT ON ORIGINAL PERMIT' DOUBLE FEE DUE: _____
 FOR REMOVAL OF A "STOP ORDER" (304-16.b)
 TOTAL AMOUNT DUE: min **3.00**

INSPECTION:
 Will be ready on done, 19__; or Will Call _____
 CONTRACTOR'S NAME: P. A. Gomez
 ADDRESS: Peaks Island,
 TEL.: _____
 MASTER LICENSE NO.: 534 SIGNATURE OF CONTRACTOR: _____
 LIMITED LICENSE NO.: _____

INSPECTOR'S COPY — WHITE
 OFFICE COPY — CANARY
 CONTRACTOR'S COPY — GREEN



APPLICATION FOR PERMIT
 DEPARTMENT OF BUILDING INSPECTIONS SERVICES
 ELECTRICAL INSTALLATIONS

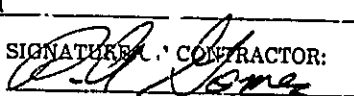
Date APRIL 6, 19 79
 Receipt and Permit number A 23379

To the CHIEF ELECTRICAL INSPECTOR, Portland, Maine:

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

LOCATION OF WORK: Lot 90-R-3 & 4 Island Ave. Peaks Island
 OWNER'S NAME: John J. Hayden ADDRESS: ~~XXXXXX~~ 132 Craigie St.

OUTLETS:		FEES
Receptacles _____	Switches _____	
Plugmold _____ ft. TOTAL _____		
FIXTURES: (number of)		
Incandescent _____	Flourescent _____ (not strip) TOTAL _____	
Strip Flourescent _____ ft. _____		
SERVICES:		
Overhead <u>xx</u> Underground _____	Temporary _____	TOTAL amperes <u>100</u> .. <u>3.00</u>
METERS: (number of) _____		<u>.50</u>
MOTORS: (number of)		
Fractional _____		
1 HP or over _____		
RESIDENTIAL HEATING:		
Oil or Gas (number of units) _____		
Electric (number of rooms) _____		
COMMERCIAL OR INDUSTRIAL HEATING:		
Oil or Gas (by a main boiler) _____		
Oil or Gas (by separate units) _____		
Electric Under 20 kws _____	Over 20 kws _____	
APPLIANCES: (number of)		
Ranges _____	Water Heaters _____	
Cook Tops _____	Disposal _____	
Wall Ovens _____	Dishwash _____	
Dryers _____	Compacto _____	
Fans _____	Others (c.) _____	
TOTAL _____		
MISCELLANEOUS: (number of)		
Branch Panels _____		
Transformers _____		
Air Conditioners Central Unit _____		
Separate Units (windows) _____		
Signs 20 sq. ft. and under _____		
Over 20 sq. ft. _____		
Swimming Pools Above Ground _____		
In Ground _____		
Fire/Burglar Alarms Residential _____		
Commercial _____		
Heavy Duty Outlets, 220 Volt (such as welders) 30 amps and under _____		
over 30 amps _____		
Circus, Fairs, etc. _____		
Alterations to wires <u>xx</u> _____		<u>2.00</u>
Repairs after fire _____		
Emergency Lights, battery _____		
Emergency Generators _____		
FOR ADDITIONAL WORK NOT ON ORIGINAL PERMIT _____		INSTALLATION FEE DUE: _____
FOR REMOVAL OF A "STOP ORDER" (304-10.b) _____		DOUBLE FEE DUE: _____
		TOTAL AMOUNT DUE: <u>5.50</u>

INSPECTION:
 Will be ready on _____, 19__; or Will Call xx
CONTRACTOR'S NAME: P. A. Gomez
ADDRESS: Peaks Island
TEL: 766-2248
MASTER LICENSE NO.: 634 **SIGNATURE OF CONTRACTOR:** 
LIMITED LICENSE NO.: _____

INSPECTOR'S COPY — WHITE
 OFFICE COPY — CANARY
 CONTRACTOR'S COPY — GREEN



APPLICATION FOR AMENDMENT TO PERMIT

Amendment No. 1
Portland, Maine, March 19, 1951

PERMIT ISSUED

JUL 5 1951

CITY of PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for amendment to Permit No. 51/362 pertaining to the building or structure comprised in the original application in accordance with the Laws of the State of Maine, the Building Code and Zoning Ordinance of the City of Portland, plans and specifications, if any, submitted herewith, and the following specifications:

Location Island Avenue, Peaks Island 90-R-3-4 Within Fire Limits? no Dist. No. _____
Owner's name and address Alanson Blanchard, 137 Emery Street Telephone _____
Lessee's name and address _____ Telephone _____
Contractor's name and address A. F. Foss, Pleasant Avenue, Peaks Island Telephone _____
Architect _____ Plans filed yes No. of sheets _____
Proposed use of building dwelling house No. families 1
Last use Cottage No. families _____
Increased cost of work \$1,000. Additional fee 25 2.75 add'l

Description of Proposed Work

cedar posts
To provide ~~new~~ posts under existing 4x6 girder with concrete footings at least 4" above the cellar floor level, footings to set on ledge, posts 5' on centers.
To stud up interior partitions making them at least 16" on centers on first and second floors, covered on both sides with sheetrock and plaster. The existing floor joists under second floor partitions are to be doubled.
To provide ceilings for first floor bedrooms (2), 2x8's, 24" on centers, 6' span. sheetrock and plaster.
It is not intended to have a central heating system at the present.
New Stairwall headed off with 2x6 2-2x6's
New roof over diningroom to have asphalt Class C Underwriters Laboratories roofing.
7/2/51 To construct new brick chimney, tile flue lining, concrete foundation.
To double second floor joists with 2x6's.

Details of New Work

Permit Issued with Letter

Is any plumbing involved in this work? _____ Is any electrical work involved in this work? _____
Height average grade to top of plate _____ Height average grade to highest point of roof _____
Size, front _____ depth _____ No. stories _____ solid or filled kind? _____ earth or rock? _____
Material of foundation _____ Thickness, top _____ bottom _____ cellar _____
Material of underpinning _____ Height _____ Thickness _____
Kind of roof _____ Rise per foot _____ Roof covering _____
No. of chimneys _____ Material of chimneys _____ of lining _____
Framing lumber—Kind _____ Dressed or full size? _____
Corner posts _____ Sills _____ Girt or ledger board? _____ Size _____
Girders _____ Size _____ Columns under girders _____ Size _____ Max. o.c. centers _____
Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.
Joists and rafters: 1st floor _____, 2nd _____, 3rd _____, roof _____
On centers: 1st floor _____, 2nd _____, 3rd _____, roof _____
Maximum span: 1st floor _____, 2nd _____, 3rd _____, roof _____

Approved:

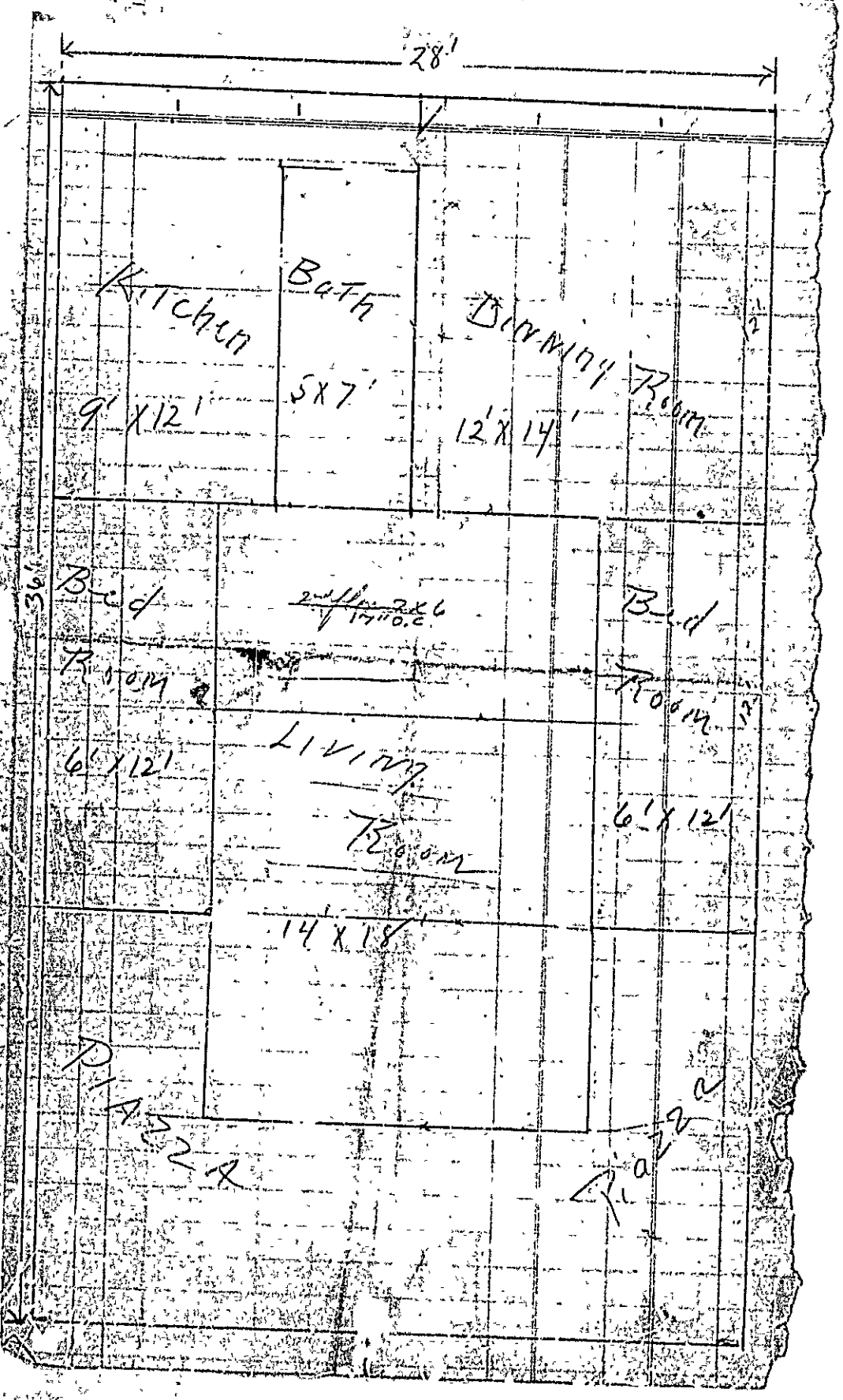
with letter by AGF

Signature of Owner: A. F. Foss

Approved: Alanson Blanchard

Inspector of Buildings

INSPECTION COI



BF Island Avenue,
Peaks Island,
(Assessors Lot Nos 90-R-3 & 4)

July 5, 1951

Mr. A. P. Foss
Pleasant Avenue
Peaks Island, Maine

Copy to: Mr. Alanson Blanchard
137 Emery Street

Dear Mr. Foss:

Amendment #1 to permit 51/363 covering certain construction in connection with alterations to make a year round dwelling out of cottage on Island Avenue, Peaks Island, (Assessors Lot Nos. 90-R-3 & 4) is issued herewith subject to the following:

1. The tile flue lining of the chimney is to be extended down to the bottom of the flue.
2. The 2x6 second floor joists on spans of about 14' are to have 2x8 timbers placed beside each joist, and securely fastened thereto.
3. No lath is to be applied to walls, partitions or ceilings unless notification has been given for an inspection by this department and authorization to "close-in" has been given.

Very truly yours,

Warren McDonald
Inspector of Buildings

AJS/C

EP
Island Avenue, Peaks Island-I
(Alanson Blanchard—Assessors Lot No. 90-R-3-4)

April 5, 1951

Mr. A. P. Foss
Pleasant Avenue
Peaks Island, Maine
Mr. Alanson Blanchard
137 Emery Street

Gentlemen:

With reference to the proposed alterations of Mr. Blanchard's cottage on Island Avenue, Peaks Island (Assessors Lot No. 90-R-3-4), the application for amendment to the permit issued with letter on March 13, 1951, made evident that considerable more work was contemplated on the interior of the building than had been described in the original application for the permit.

We have tried to check compliance with the Building Code, as regards the amendment, with the rather meager information furnished by way of first floor framing plan and arrangement plan of first floor only. While there is not nearly enough information for us to be sure of what the true situation would be as to supports of the structure and framing after the changes had been made, it does become quite evident, even as far as we have gone, that some extensive strengthening would have to be provided in view of the fact that the interior partitions are to be plastered on gypsum lath and also to care for the loads which would come upon the new roof, probably of low pitch over the dining room.

When issuance of permits are delayed like this, owner and contractor often wonder why it should take so long. The real facts are that not enough information has been submitted for us to tell what the required strengthening should be. We have a great deal of confidence in the thorough-going character of the contractor's work, but we still have to have a record of the changes and strengthening which will show compliance with the Building Code.

Our force is small in comparison with the heavy volume of work coming in here all the time. Nevertheless as soon as time affords we will try to go farther into the information you have furnished. If you cannot wait for that, perhaps you would prefer to employ someone who would work out all the details and work out the strengthening needed beneath the building according to Building Code Standards and the rules of design used everywhere.

Very truly yours,

Warren McDonald
Inspector of Buildings

WCD/G

P. S. In line with the introductory paragraph and paragraph no. 1 of my letter of March 13 sent with the original permit, it is assumed that you are not starting any of the work, even that covered by the original permit because of the uncertainty as to whether or not the owner will desire to carry through the entire job, including the interior with the required strengthening.



(2) LIMITED BUSINESS ZONE

APPLICATION FOR PERMIT

Class of Building or Type of Structure Third Class
Portland, Maine, March 7, 1951

PERMIT ISSUED

MAR 13 1951

CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for a permit to ~~erect~~ alter ~~rehabilitate~~ the following building ~~as shown on plans~~ in accordance with the Laws of the State of Maine, the Building Code and Zoning Ordinance of the City of Portland, plans and specifications, if any, submitted herewith and the following specifications:

Location Island Avenue, Peaks Island 90-13-4 Within Fire Limits? no Dist. No. _____
 Owner's name and address Alanson Blanchard, 137 Emory Street Telephone _____
 Lessee's name and address (James Quinn) (Watson Nelson) Telephone _____
 Contractor's name and address A. P. Foss, Pleasant Avenue, Peaks Island Telephone _____
 Architect _____ Specifications _____ Plans no No. of sheets _____
 Proposed use of building dwelling house No. families 1
 Last use cottage No. families _____
 Material 190 No. stories 1 1/2 Heat stove Style of roof _____ Pitch _____ Roofing Asphalt
 Other buildings on same lot none Fee \$ 2.00
 Estimated cost \$ 300.

General Description of New Work

- To change out cedar post foundation to concrete foundation under entire building, at least 10" at grade and at least 12" at bottom and to extend at least 4' below grade or to ledge whichever is encountered at least depth.
- To provide concrete footings under existing cedar post columns under center girder, show up outside walls of building making them at least 16" on centers, covered on inside with rock lath and plaster.
- Existing center girder and sills are 4x6, cedar posts are no farther than 5' on centers.
- To provide concrete footings under existing cedar post foundation of piazza.
- To close up one window in kitchen and cut in two casement windows in kitchen with stud between the windows. **Permit issued with Letter**
- To cut in two windows in dining room.
- To change two narrow windows in living room to one single window, widening it approximately 12", making opening 38" wide.
- To relocate stairs to second floor from kitchen to living room, 7" rise, 38" tread.
- To change hip roof over dining room to a shed roof, 2 1/2" rafters, 24" on centers, 10' span. **It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor. PERMIT TO BE ISSUED TO A. P. Foss**

Details of New Work

Is any plumbing involved in this work? _____ Is any electrical work involved in this work? _____
 Height average grade to top of plate _____ Height average grade to highest point of roof _____
 Size: front _____ depth _____ No. stories _____ solid or filled land? _____ earth or rock? _____
 Material of foundation _____ Thickness, top _____ bottom _____ cellar _____
 Material of underpinning _____ Height _____ Thickness _____
 Kind of roof _____ Rise per foot _____ Roof covering _____
 No. of chimneys _____ Material of chimneys _____ of lining _____ Kind of heat _____ fuel _____
 Framing lumber—Kind _____ Dressed or full size? _____
 Corner posts _____ Sills _____ Girt or ledger board? _____ Size _____
 Girders _____ Size _____ Columns under girders _____ Size _____ Max. on centers _____
 Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.
 Joists and rafters: 1st floor _____ 2nd _____ 3rd _____ roof _____
 On centers: 1st floor _____ 2nd _____ 3rd _____ roof _____
 Maximum span: 1st floor _____ 2nd _____ 3rd _____ roof _____ height? _____
 If one story building with masonry walls, thickness of walls? _____ height? _____

If a Garage

No. cars now accommodated on same lot _____, to be accommodated _____ number commercial cars to be accommodated _____
 Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? _____

Miscellaneous

Will work require dist. of any tree on a public street? no
 Will there be in charge of the work a person competent to see that the State and City requirements pertaining thereto are observed? yes

Alanson Blanchard

Signature of owner A. P. Foss

APPROVED: _____

INSPECTION COPY

NOTES

2-12-53 Letter re: [unclear] [unclear]
 [unclear] [unclear] [unclear]

5-27-53 Mr. Blawie advised to check for
 200 independent plumbing, as well
 as disburse of [unclear] [unclear] [unclear]
 [unclear] [unclear] and [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]
 but having stopped just below
 first floor, will be allowed to [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]
 2-11-53 [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]

2-29-53 See letter [unclear] [unclear]
 9-10-51 Dept R.T. subject to
 electric sub work being
 [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]

2-19-53 Could not get in [unclear]
 7-21-53 Mr. Blawie of said
 electric work approved
 [unclear] [unclear] [unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear] [unclear] [unclear]

Final Insp. 1-20-53 [unclear]
 Cert. of Occupancy issued [unclear]
 Final Notice [unclear]
 Inspn. closing-in 9/12/51 (9:30) DNT
 Date of permit 3/13/51
 Notif. closing-in 9/12/51 (9:30) DNT
 Owner [unclear] [unclear] [unclear]
 Location [unclear] [unclear] [unclear]
 Permit No. 51362

BP Island Avenue,
Peaks Island-I
(Alanson Blanchard, Assessors Lot no. 90-R-3-4)
7/5/51/ATH

June 29, 1951

Mr. Alanson Blanchard
137 Emery Street
Mr. A. P. Foss
Pleasant Avenue
Peaks Island, Maine

Gentlemen:

It is unfortunate that Mr. Blanchard did not contact this office upon receipt of my letter of March 13 when the permit was issued conditionally to get the job started. It was made clear in the letter that, if he intended to apply any finish to ceilings or partitions, that the work was not to be started but contact made with this office to see what could be done about the framing of floors, supports, etc. It is also unfortunate that Mr. Blanchard saw fit to construct a new chimney, apparently with his own hands, without covering the chimney construction with a permit.

Now it appears that the framing of the second floor is so lacking in strength that it is not allowed to support the usually assumed loads upon the floor, without taking into account the weight of the floor itself or the weight of the ceiling (no matter how light) which Mr. Blanchard has evidently planned on for some time. Inspector Hamilton reports that the second floor joists are 2x6 about 18" from center to center and on spans of nearly 14'.

Since the cottage is now to be changed to a year-round dwelling, and irrespective of whether or not Mr. Blanchard intends to put the new ceiling underneath these second floor joists (no matter of how light material), it is important that he notify us before July 5 how he proposes to strengthen the second floor framing to bring it up to the requirements for a dwelling house.

Our inspector reports that the masonry of the chimney is rather a rough job, but that the required chimney flue lining does not extend clear to the bottom of the flue. This will have to be extended to the very bottom of the flue, but just how it can be done now without doing damage to the chimney is not apparent. Mr. Blanchard should also explain to Mr. Hamilton of this office before the above date how he intends to make good the omission of this chimney lining.

Our inspector reports that at inspection of June 27, several of the partitions still did not have studs added to make the studs no more than 16" from center to center and that either the electrical work to be concealed and the plumbing work likewise had either not been installed or at least had not been inspected by the respective inspectors.

Very truly yours,

Warren McDonald
Inspector of Buildings

WMac/G

ATH:

With relation to the Blanchard cottage 1 Island Avenue, Peaks Island Mr. Foss called up and the greater part of work in the original application and much of it in the application for amendment (the permit having been issued but the amendment not) has been done. He says that he is ready for you to make an inspection. I suggest that as soon as possible you make arrangements to go down there, make an inspection and see what needs to be done towards strengthening the building so that we can issue the amendment with a letter which will clear the matter up.

6/25/51 WMD

AP Island Avenue, Peaks Island-I
(Assessors Lot No. 90-F-3-4)

March 15, 1951

Mr. A. F. Foss
Pleasant Avenue
Peaks Island, Maine
Mr. Alanson Blanchard
137 Emery Street

Gentlemen:

The application for the building permit to make improvements in the summer cottage of Mr. Blanchard on Island Avenue, Peaks Island (Assessors Lot No. 90-F-3-4) does not contain sufficient information to check all of the proposals as we ought to do, but I have decided to issue the permit subject to the conditions contained below in this letter. If for any reason you are unable or unwilling to abide by these conditions, it is important that you refrain from starting any of the work and return the permit card immediately for adjustment. We have great respect for the judgment and workmanship of Mr. Foss, but we have learned to be very careful with cottages which are to be improved for year-round dwellings.

1. The condition appears of existing or proposed finish on ceilings and interior partitions. If any of the interior partitions or ceilings are to have any material whatever added to them by way of covering, it is important that you do not start that part of the work (this work not mentioned on the application is not included in the permit now issued), but furnish to this office application for amendment showing what material is to be placed on ceilings or partitions and any interior alterations which may be contemplated, and with the application file a framing plan showing the arrangement of girders beneath the building and location of splicer in girders, also location and makeup of bearing partitions in first story, also the framing of second floor, showing in the case of both floors the size, spacing and spans of the floor joists. If any part of the roof load is or is to be transmitted down through interior of the building, full details should be supplied by way of a plan showing how such roof area and where the load is to be deposited.

If no material whatever is to be added to the interior partitions and ceilings, it is likely that the existing 4x6 girders will suffice if they are correctly located, and, if the 4x6 girders are set with the 6" dimension upright, the cedar posts supporting them and the footings to be placed under the cedar posts being not more than 3' on centers.

2. With reference to the item of studding up outside walls with 2x4 studs, so that the studs will be 16" from center to center, it is assumed that all of the new studs will run full length from top of sill to underside of girt or plate.

3. The framing of the existing piazza, for which concrete footings are to be provided beneath existing cedar posts, is not shown, but it is assumed that this framing is in good shape and of adequate size and spacing. Neither is the size of the concrete footings given. They should certainly be no less than 8" in thickness and large enough overall to provide adequate bearing from the soil beneath.

4. The 2x8's proposed in the shed roof over dining room on spans of 12' will not be strong enough if spaced as shown 24" from center to center, but should be spaced no farther apart than 16" from center to center, and, of course, no less than 1x3 cross bridging is required at the center of all spans.

5. It is assumed that both ends of these roof joists will bear upon exterior wall or bearing partition which will carry the load down to a girder or new foundation. If that is not the case, and any part of these roof joists would be supported over an opening on either end, you should furnish immediately details of the width of the opening and the size of header you propose for support of the roof joists over the opening.

Mr. A. P. Foss

Mr. Alanson Blanchard

-2-

March 13, 1951

6. It is not made clear whether or not there is to be a collar beneath the building or what is to be used for heat. If a central heating boiler or furnace is to be provided below the first floor, a separate permit is required from this department for its installation, and this permit must be applied for by and is issuable only to the actual installer.

7. It is assumed that the corner posts, the girts and the plate of the building are of suitable size. Your attention is called to the fact that notice to this office of readiness for closing-in inspection is required when the framing to be covered up is completed, when all plumbing pipes and electric wires are in place and have been inspected by the other inspectors (Electrical Inspector and Plumbing Inspector), and that none of these points to be concealed are to be covered from view at all until our inspector has left his green tag at the job.

8. No doubt any change in location of the stairs will bring up the question of framing of the second floor. If this is not clearly up to the standards of strength for dwelling house floor framing, it would be well to furnish the true framing of it before cutting in the header and trimmer beams for the stair well in new location.

Very truly yours,

Warren McDonald
Inspector of Buildings

WMD/G

9. There is no indication on the application as to what kind of roofing is to be used on the new roof over the dining room. If this is to be roll roofing, each package should bear upon it the label of Underwriters Laboratories, Inc. identifying it as Class C.

Attentions - Island Ave. Peaks - 90 P. 3-4

Alman Blanchard, owner 137 Emory St.

A. P. Fees, Contr. Pleasant Ave. Peaks

Ins. Atlas Pg. 49

Assessor's Photo 2330

Feb. 2-4-139

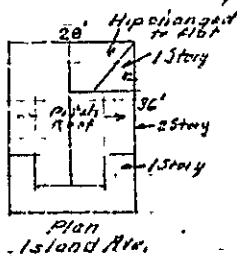
" 6-26-15

5-21-51

M.

Present partitions are 2x4 with horizontal 2x4 and vertical sheathing

First floor joists are 4x6, on edge, 6' on centers. Part to be 5' o.c. with joists under all splices.



$$4x6 \text{ on } 5' \text{ span} = \frac{2503}{5x6} \approx 93 \# \#$$

L.L. - D.L.

40 - 5 First Floor 5x6x45 = 1350

- 18 " " Part. 5x8x18 = 720

10 8 Second Floor

- 18 " " Part. 5x9x18 = $\frac{630}{2700} = 0.23$, with 1x4 on end part. loads

- 12 Ceiling

40 - 12 Flat Roof 2x5x52 = 1560

25 - 18 Outer "

- 15 Outside wall 4x5x15 = $\frac{300}{4500}$ H.G. No. in girts gets new D.R. flat roof on all outside walls.

$$\text{First floor } 2x4 \text{ on } 6' \text{ span } 3.6 \times 1150 = \frac{3960 \times 8 \times 440}{256} = 37 \# \#$$

full size 50# #

These 2x4s will be overloaded in all cases where anything but the first floor loads come on them.

$$\text{Second floor } 2x6 \text{ on } 14' \text{ span } \frac{450}{1.5 \times 14} = 22 \# \#$$

Deflect for 14' span 200# H.G.

1.5x14x20 420#