

40-46 CHESLEY AVENUE

CHAMBERLAIN  
S 8200-1R

845



FILL IN AND SIGN IN INK

APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

Portland, Maine, January 4, 1951

RECEIVED ISSUED 00025 JAN 6 1951 CITY OF PORTLAND N-ESS

To the INSPECTOR OF BUILDINGS

PORTLAND, ME.

The undersigned hereby requests a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, and the Code of the City of Portland, and the following specifications:

a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, and the Code of the City of Portland, and the following specifications:

Location 10-16 Chasley Avenue Use of Building 1-family dwelling No Stories New Building Existing
Name and address of owner of appliance William Lawrence, 59A Brackett Street
Installer's name and address Ralph Lawrence, 28 Chapman Street Telephone 4-7433

General Description of Work

To install forced hot water heating and oil burning equipment

IF HEATER, OR POWER BOILER

Location of appliance or source of heat basement Type of floor beneath appliance concrete
If wood, how protected? Kind of fuel oil
Minimum distance to wood or combustible material, from top of appliance or casing top of furnace 2'
From top of smoke pipe 3' From front of appliance over 4' From sides or back of appliance over 3'
Size of chimney flue 8x10 Other connections to same flue none
If gas fired, how vented? Rated maximum demand per hour

IF OIL BURNER

Name and type of burner Arc. flame Labelled by underwriters' laboratories? yes
Will operator be always in attendance? Does oil supply line feed from top or bottom of tank? bottom
Type of floor beneath burner concrete
Location of oil storage basement Number and capacity of tanks 1-275 gal.
If two 275-gallon tanks, will three-way valve be provided?
Will all tanks be more than five feet from any flame? yes How many tanks fire proofed?
Total capacity of any existing storage tanks for furnace burners none

IF COOKING APPLIANCE

Location of appliance Kind of fuel Type of floor beneath appliance
If wood, how protected?
Minimum distance to wood or combustible material from top of appliance
From front of appliance From sides and back From top of smokepipe
Size of chimney flue Other connections to same flue
Is hood to be provided? If so, how vented?
If gas fired, how vented? Rated maximum demand per hour

MISCELLANEOUS EQUIPMENT OR SPECIAL INFORMATION

Amount of fee enclosed? 2.00 (\$2.00 for one heater, etc., 50 cents additional for each additional heater, etc., in same building at same time.)

APPROVED: O.K. E.S.S. 1/5/51

Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? YES

Signature of Installer Ralph Lawrence

INSPECTION COPY

Permit No. 51/25  
 Location 40-46 Chesley Ave.  
 Owner William Lawrence  
 Date of permit 1/6/51  
 Approved 2/13/51

NOTES

1 Fuel Pipe ✓  
 2 Vent Pipe ✓  
 3 Kind of Heat Gas  
 4 Support Material & Supports Gas  
 5 Name of Contractor Gas  
 6 Street Gas  
 7 Building Control Gas  
 8 Remarks Gas  
 9 Pipe Size Gas  
 10 Valves Gas  
 11 Cuts Gas  
 12 Tests Gas  
 13 Oil Contact Gas  
 14 Instruction Card Gas  
 15 Gas

Vertical lines for notes or additional information.

Vertical lines for notes or additional information.

Vertical lines for notes or additional information.



APPLICATION FOR PERMIT

Class of Building or Type of Structure Third Class

Portland, Maine, August 11, 1950

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE Revised Plans 8/27/50

PERMIT ISSUED

01483

AUG 23 1950

CITY of PORTLAND

The undersigned hereby applies for a permit to erect ~~on~~ ~~at~~ ~~the~~ following building ~~structure~~ ~~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 Lots 81-82 Chesley Avenue (40-46) Within Fire Limits? \_\_\_\_\_ Dist. No. \_\_\_\_\_
Owner's name and address William H. Lawrence, 59A Brackett Street Telephone 3-4516
Lessee's name and address \_\_\_\_\_ Telephone \_\_\_\_\_
Contractor's name and address Owner Telephone \_\_\_\_\_
Architect \_\_\_\_\_ Specifications \_\_\_\_\_ Plans yes No. of sheets 4
Proposed use of building one family dwelling and one car garage No. families 1
Last use \_\_\_\_\_ No. families \_\_\_\_\_
Material \_\_\_\_\_ No. stories \_\_\_\_\_ Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_
Other buildings on same lot \_\_\_\_\_
Estimated cost \$ 8,000. Fee \$ 8.00

General Description of New Work

To construct one story frame dwelling 29' x 39' connected by 8-foot breezeway to one car frame garage 12' x 22'.

INSPECTION NOT COMPLETED

Permit Issued with Letters

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 Owner

Is connection to be made to public sewer? yes

Details of New Work

Is any plumbing involved in this work? yes Is any electrical work involved in this work? Yes
Height average grade to top of plate 9' Height average grade to highest point of roof 14' 6"
Size, front 39' depth 29' No. stories 1 solid or filled land? solid earth or rock? earth
Material of foundation concrete Thickness, top 10" bottom 12" cellar yes
Material of underpinning to sill Height \_\_\_\_\_ Thickness \_\_\_\_\_
Kind of roof pitch Rise per foot 5" in 12" Roof covering Asphalt Class C Und. Lab.
No. of chimneys 1 Material of chimneys brick of lining tile Kind of heat hot water fuel oil
Framing lumber—Kind hemlock Dressed or full size? dressed
Corner posts 4x6 Sills 2x6 box Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_
Girders 6x10 and 8x10 Columns under girders Lally Size 3 1/2" Max. on centers 10'
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 2x8, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof 2x6 2x6
On centers: 1st floor 16", 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof 16" 16"
Maximum span: 1st floor 10', 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof 11' 6'
If one story building with masonry walls, thickness of walls? \_\_\_\_\_ height? \_\_\_\_\_

If a Garage

No. cars now accommodated on same lot 0, to be accommodated 1 number commercial cars to be accommodated 0
Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? 0

APPROVED:

with letters by [Signature]

Miscellaneous

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

INSPECTION COPY

Signature of owner

[Signature: William H. Lawrence]

NOTES

8/17/50 - Habbing...  
 9/27/50 - Forms checked...  
 8/9/50 - Forms about complete  
 joints that form boy will  
 joints are to be double...  
 a 2x6 beam over front (top)  
 inward as to be reinforced,  
 contractor said he would take  
 care of these two deficiencies. E & S

12/6/50 - Permit for insulation E & S  
 to apply insulation E & S  
 12/15/50 G. T. to class in  
 with...  
 Foster columns E & S, of

2/13/51 - Bracing + girders  
 to be built now  
 O.K. Steps are temporary leading  
 to sub grade.  
 O.K. Floor platform + steps not  
 built yet.

Heads to be provided over  
 exterior for cables to overhead  
 entrance.

O.K. Ceiling to be extended  
 over to be above highest point  
 of roof, not over 24" above  
 project.

His presence would be  
 temporary until E & S.  
 2/17/51 - Temp cert of occ.  
 by Estlin - N.W.

1/21/52 - Items mentioned in  
 Temporary Interim Report  
 Case of.

Casey will use 9'x6" concrete  
 beams about 8" apart between  
 posts supporting beams. About  
 3" or 4" in riser between bottom  
 of beam + grade.

2x6 joists 24" O.C.  
 2x4 sill bolts.  
 E & S

Permit No. 1124  
 Date of permit 8/23/50  
 No. of closing-in 22/15/50  
 Inspecting-in 22/15/50  
 Final No. 1124  
 Final No. 1124  
 Final Inspr.  
 Cert. of Occupancy issued

to be installed there

BP 40-46 Chesley Avenue-I

October 15, 1951

*2x6-24 0.  
Perms 8' zone  
2x4 2x6 2x8*

Mr. William H. Lawrence  
40-46 Chesley Avenue  
Portland, Maine

Dear Mr. Lawrence:

Amendment #1 to permit 50/1463 covering changes in the size of the garage to be attached to your dwelling and also a change in the type of foundation therefor is issued herewith subject to the following:

1. As discussed with you, the 4x6 sills of the garage are to be all one piece in cross section and set with the 6" dimension upright, so that there will be at least a 6" air space between the bottom of the sills and the ground beneath them. To keep this space beneath the sills free and clear between piers, boards one inch in thickness nominal dimension and wide enough to extend from the ground up onto the sides of the sills are to be placed on each side of the sills all around the building and the earth fill on the outside and the concrete or asphalt surfacing on the inside placed up against them.

2. It is understood that the floor and roof of the breezeway between the house and garage are to be framed in the manner shown in the plans filed with the original permit for the dwelling and the amendment is issued on this basis.

3. Rafters of garage are to be 2x6 spaced 20' on centers as called for on original plans.

Very truly yours,

Warren McDonald  
Inspector of Buildings

AJS/G

*27-16*

BP 40-46 Chesley Avenue-I

October 9, 1951

Mr. William E. Lawrence  
40-46 Chesley Avenue  
Portland, Maine

Dear Mr. Lawrence:

The information which you have supplied concerning the foundation of the garage to be attached to your dwelling at 40-46 Chesley Avenue is not understood. You say that you plan to provide a concrete sill, but it is not clear whether this sill is to be in contact with the ground or not. If it is to touch the ground, then it will be subject to frost action, to avoid which some method of construction is necessary. If the concrete sill is to span the distance between piers and be self supporting and free of the ground, then steel reinforcement will be required and we shall need to know what is to be used. Please furnish a sketch or diagram showing how the walls of the garage are to be supported between piers in such a way that they will not be subject to frost action. In order to do this it is necessary that the bottom of the sills not be in contact with the ground or a concrete slab resting on top of the ground. Until this has been done, we shall be unable to issue the amendment covering construction of the garage.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WJS/G

BP 40-46 Chesley Avenue-I

October 2, 1951

Mr. William H. Lawrence  
40-46 Chesley Avenue  
Portland, Maine

Dear Mr. Lawrence:

In regard to your application for amendment to permit 50/1,82 covering changes in the size of the garage to be attached to your dwelling at 40-46 Chesley Avenue, it is noted that you now plan to support the building on concrete piers instead of a concrete trench wall. Because the garage is to be attached to the dwelling, it is required to have foundations extending at least 4' below grade and it is understood that you plan to have the piers extend at least that depth into the ground. The tops of the piers are required to be at least 6" above the finished grade so that the bottom of the sills will be at least that height above the ground. It is clear that in order to avoid frost action on the sills between their support on the piers, it is necessary to keep the space beneath the sills at these locations free of either dirt or concrete. Special planning will be called for as to how this is to be accomplished without leaving openings directly from out of doors into the garage. We shall need to know in what manner you are to take care of this problem before the amendment is issued.

Very truly yours,

Warren McDonald  
Inspector of Buildings

AJS/G





# APPLICATION FOR AMENDMENT TO PERMIT

Amendment No. 1

Portland, Maine, October 1, 1951

PERMIT 3849  
CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for amendment to Permit No. 50/1183 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 40-1 Chesley Avenue Within Fire Limits? no Dist. No. \_\_\_\_\_  
 Owner's name and address William H. Lawrence, 40-46 Chesley Avenue Telephone \_\_\_\_\_  
 Lessee's name and address \_\_\_\_\_ Telephone \_\_\_\_\_  
 Contractor's name and address OWNER Telephone \_\_\_\_\_  
 Architect \_\_\_\_\_ Plans filed no No. of sheets \_\_\_\_\_  
 Proposed use of building dwelling house and garage No. families 1  
 Last use \_\_\_\_\_ No. families \_\_\_\_\_  
 Increased cost of work \_\_\_\_\_ Additional fee. 25.

### Description of Proposed Work

To change width of garage to 18' and change foundation to concrete piers, 9" in diameter with footing, at least 4' below grade, 6' on centers. Concrete floor  
 To change length of garage to 24'.

Permit Issued with Letter

### 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 \_\_\_\_\_  
 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 \_\_\_\_\_

Approved:

*OK to issue* *AGJ*

Permit Issued with Letter

Signature of Owner *William H. Lawrence*

Approved: *10/15/51 WMT*  
Inspector of Building

INSPECTION COPY

BP 40-46 Chesley Avenue-I

February 17, 1951

Mr. William H. Lawrence  
59A Brackett Street  
Portland, Maine

Dear Mr. Lawrence:

You may consider this letter as a temporary certificate of occupancy for use of your new dwelling at 40-46 Chesley Avenue. It is understood that you do not plan to build the attached breezeway and garage called for in your application at this time. When the time arrives that you are able to do so, a new permit for their construction will be required and it is unlawful to start any work on them until such a permit has been issued and is in your possession.

Our inspector reports the following items which need to be cared for before the final certificate of occupancy for the dwelling may be issued:

1. Provide permanent platforms and steps for front and side entrances. If the plans are not to be followed in this construction, it should be borne in mind that foundations of such structures are required to extend at least 4' below grade. If iron pipe columns are used for a foundation they are required to have an outside diameter of at least three inches. Sills of wood platforms are required to be at least 4x6, all one piece in cross section, with the floor joists either resting on top of the sills or notched over no less than 2x3 nailing strips spiked to the sides of the sills.

2. Provide header beneath sill over bulkhead entrance to cellar.

3. Extend chimney above roof so that the top of it will be at least 24" above the highest point where it cuts the roof.

Will you not have these matters taken care of at the earliest opportunity and notify us for another inspection so that we may be able to issue the final certificate of occupancy?

Very truly yours,

Warren McDonald  
Inspector of Buildings

AJS/G

AP 40-46 Chesley Avenue-I

August 22, 1950

Mr. William H. Lawrence  
59A Brackett Street.  
Portland, Maine

Dear Mr. Lawrence.

The permit for construction of a dwelling, breezeway and garage at 40-46 Chesley Avenue is issued herewith based on revised plans filed August 22, 1950. The 4x8 headers indicated for bay window opening in front wall and picture window opening in the rear wall will figure out only if of Douglas Fir or Long Leaf Yellow Pine lumber, but 4x10 dressed spruce or hemlock may be used if desired.

Since you have given yourself as contractor for the building, we wonder how familiar you may be with requirements of the Building Code relating to the construction of such a building as you plan to erect. There are many requirements which it is impractical to show on plans such as you have filed here but with which compliance must be provided nevertheless. It may be that if you are not acquainted with requirements you plan to have someone who is take charge of the work for you. At any rate we have no option but to require that work not done in compliance with requirements be made to do so even though it may mean additional expense. Therefore in case of doubt it would be well to inquire at this office as to requirements before proceeding with the work in question.

Besides the notification for checking of forms for foundation walls before concrete is poured, there are two other times during the construction of the building when you are required to notify this department for inspections. The first of these occurs after all framing and firestopping has been completed and the electric wiring and plumbing has been installed and approved by the proper inspectors; but before any lath or wallboard is applied to walls, partitions or ceilings. If everything is found in order at this time, authorization to "close-in" the building will be given on a green tag left at the job. Again before the building is used for living quarters, notification for inspection of the completed building is necessary. If everything is found in compliance with law, the certificate of occupancy, without which use of the building is unlawful, will be issued.

Very truly yours,

Warren McDonald  
Inspector of Buildings

AJS/G

STATEMENT ACCOMPANYING APPLICATION FOR BUILDING PERMIT

for one family dwelling and one car garage  
at Lots 81-82 Chesley Avenue Date 8/14/50

1. In whose name is the title of the property now recorded? William H. Lawrence
2. Are the boundaries of the property in the vicinity of the proposed work shown clearly on the ground, and how? yes
3. Is the outline of the proposed work now staked out upon the ground?  
If not, will you notify the Inspection Office when the work is staked out and before any of the work is commenced? yes
4. What is to be maximum projection of ~~overhang of eaves, etc.~~ \_\_\_\_\_
5. Do you assume full responsibility for the correctness of the location plan or statement of location filed with this application, and does it show the complete outline of the proposed work on the ground, including bay windows, porches and other projections? yes
6. Do you assume full responsibility for the correctness of all statements in the application concerning the sizes, design and use of the proposed building? yes
7. Do you understand that in case changes are proposed in the location of the work or in any of the details specified in the application that a revised plan and application must be submitted to this office before the charges are made? yes

William H. Lawrence

*10/1/50*  
*with file*  
*copy*  
140-46 Chesley Avenue-I

August 18, 1950

Mr. William H. Lawrence  
59A Brackett Street  
Portland, Maine

Dear Mr. Lawrence:

A check of the plans filed with the application for permit for construction of a single family dwelling with attached garage at 140-46 Chesley Avenue raises the following questions as to compliance with Building Code requirements:

1. The 6x10 girders indicated on spans of about 10' will not figure out unless they are to be of Douglas Fir or Long Leaf Yellow Pine lumber. Is this what you intend to use? *-OK*
2. It is not clear in which direction the ceiling timbers are to run. If they are to run in the same manner as the first floor joists, there would be excessive deflection of the 2x6 joists indicated, thus causing cracking of the plastered ceiling. If they are to run at right angles to the first floor joists, they would be on about a 22-foot span across the living room and would be carried on partitions elsewhere for which no adequate support in first floor framing is shown. How is this detail to be taken care of?
3. It is doubtful if the first floor joists cantilevered over the front wall of the building for support of the bay window extend back far enough into the building to properly support the loads involved. *-OK*
4. What is to be provided for support of the roof and ceiling of main house across the bay window opening? *-4x8 DF required*
5. What size header is to be used over the opening for the picture window in the rear wall? *exp. DF required.*
6. If ceiling joists are to run parallel to front and rear walls, what is to be provided for a tie across the building at the plate line to prevent spreading of the walls?
7. What is size of valley rafters to be where the roof of the front projection joins that of the main house? *-OK*
8. The concrete trench wall for garage is required to be either at least 6" thick at the top and 10" thick at the bottom or, if a straight 8" wall is used, a footing at least 12" deep and wide enough to extend at least 4" beyond the wall on each side is required. Which will you use? *-OK*
9. Foundations of garage and front entrance platform are required to extend at least 4' below grade. *-OK*
10. While at least one inch clearance from woodwork is required for all parts of the fireplace chimney, clearance of at least 2" is required from the back wall of the fireplace. *-OK*

Information indicating compliance with Building Code requirements is needed concerning all of the above details before a permit for construction of the building may be issued.

Very truly yours,

AJS/G

Inspector of Buildings