



APPLICATION FOR PERMIT

Class of Building or Type of Structure _____ Installation _____
Portland, Maine, January 12, 1961

PERMIT ISSUED
000038
JAN 16 1961
CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for a permit to erect alter repair demolish install the following building structure equipment 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 138 Congress Street Within Fire Limits? _____ Dist. No. _____
Owner's name and address City of Portland Telephone _____
Lessee's name and address _____ Telephone _____
Contractor's name and address Grinnell Co., 501 Fore St. Telephone _____
Architect _____ Specifications _____ Plans yes No. of sheets 1
Proposed use of building Observatory No. families _____
Last use _____ No. families _____
Material iron No. stories _____ Heat _____ Style of roof _____ Roofing _____
Other buildings on same lot _____ Fee \$ 2.00
Estimated cost \$ _____

General Description of New Work

To install dry sprinkler system in observatory as per plan

Sent to Fire Dept. 1-12-61
Received by 1-13-61

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** contractor

Details of New Work

Is any plumbing involved in this work? _____ Is any electrical work involved in this work? _____
Is connection to be made to public sewer? _____ If not, what is proposed for sewage? _____
Has septic tank notice been sent? _____ Form notice sent? _____
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 _____
Size Girder _____ Column under girders _____ Size _____ Max. on centers _____
Kind and thickness of outside sheathing of exterior walls? _____
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 _____
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 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 City of Portland

APPROVED:

012-11161-098

Carl P. J. [Signature]
CHIEF OF FIRE DEPT.

INSPECTION COPY

Signature of owner

By: E. [Signature]

PH

NOTES

1/23/61 - H.O. inspection
made S.R.B.

X

Permit No. 611/38
Location 138 Lincoln St.
Owner City of Portland
Date of permit 1/16/61
Notif. closing-in
Inspn. closing-in
Final Notif.
Final Inspn.
Date of Occupancy issued
Selling Out Notice
Form Check Notice

*Mr. Mac Donogh
City Engineer
He would look into
observatory because it is
we may need you advised
Mr. Barlow here*

RECEIVED
OCT 11 1938
CITY OF PORTLAND
CITY OF PORTLAND

October 10, 1938.

Mr. James A. Barlow
City Manager
CITY BUILDING.

Dear Sir:

In reply to your letter calling attention to emergency repairs at the Portland Observatory our carpenter, Mr. Brindall, suggests that the work noted on the attached slip be done to protect the observatory.

Attached hereto is a list of material for permanent repairs of the Portland Observatory. Some weeks ago I went to the Observatory with our carpenter, Mr. Brindall, and after looking the structure over I told Mr. Brindall to get me a complete listing of what should be done and the materials required.

Assuming that the suggestions of Mr. Brindall are all right you can readily see that there is a great deal of work to be done if we are going to open this observatory to the public. As I have understood Mr. Berry looked into the matter of repairs of the Observatory and it would be well for Mr. Berry to view these suggestions as made by our carpenter.

I feel that it may be an opportune time to decide on a policy to be applied to the Portland Observatory for the future because if any drastic repairs have to be made it will take some time to do this and we must well focus on June 1st 1939 for completed repairs, if same ought to be done.

As to costs our Mr. Brindall states \$1500.00 for carpenter labor and to this would be added the costs of materials. I should most certainly like to have Mr. Berry's viewpoint on costs of the suggestions outlined.

Very truly yours,
Secretary--*[Signature]*

JJD:PM

February 28, 1933

William J. Dougherty, Secretary-Eng.
Ford Commission

Dear Mr. Dougherty:

Attached are two prints of suggested reinforcement of the framing of the observatory. I hope you will use it as a suggestion and not as some hard and fast plan which must be followed. I think you have a good man in charge up there and I think also that he should be given considerable leeway to meet actual conditions on the job. If any need for marked deviation comes up, I should be glad to go over any part of the work with him or with you.

Mr. Barry's suggested arrangement for a center post seems to work out very well as a reinforcement measure. I have assumed that all of the new timbers would be first grade long leaf Southern Pine except the cap under the second floor which I have specified should be oak and the same for the heavy planks beneath the center post where it gets its bearing above the ballast platform,--this difference to take care of the accumulated load in view of the fact that oak has a substantially greater bearing capacity than hard pine. I would like the arrangement better structurally if we could get a greater spread for the knee braces, but this is kept down in order to give enough head room in the various stories,--six foot six inches in the fourth story, seven feet in the third and second stories and eight feet in the first story. If you think you can afford to sacrifice this head room between the bottom of the knee braces and the floor below them, it will make a stiffer job to make the spread of the knee braces more, although they seem to work out as shown.

I agree with you that there appears to be no danger of frost having any effect upon masonry inside of the foundation walls, and it hardly seems necessary to go deeper than is required to get a good bearing. Since the ballast platform is already supported by stones and boulders wedged into place beneath the center of the structure and beneath the point on the plan that I have marked for piers C, it seems that your suggestion of yesterday is about the best that can be done, that is box around these existing supports liberally and pour concrete, making sure to get a good bearing for the concrete.

I have figured on supporting the two main beams under the first floor partially on the ballast platform members and partially on independent piers. The piers at C are intended to come up snug under the ballast platform timbers at the mortise and tenon joints and then to use an 8x8 post bearing on the ballast platform timbers and extending up under the first floor timber to support it. The first floor timber on the northerly side (toward Congress Street) is 10x10 and needs two other supports beside the one at C. The other main timber under the first floor is fourteen inches by twelve inches with the twelve inches vertical and one additional support beside that at C is enough. Those piers at D (three of them) could be concrete, brick laid in mortar or stone laid in mortar which ever is the easiest in the light of the large amount of stone on the ballast platform. They may preferably extend right up under the first story beams they are intended to support, or there would be no particular harm in stopping them off lower down and putting a heavy wooden post between the pier and the underside of the first



APPLICATION FOR PERMIT

Class of Building or Type of Structure

To the INSPECTOR OF BUILDINGS, PORTLAND, ME:
The undersigned hereby applies for a permit to alter install the following building structure-equipment in accordance with the Laws of the State of Maine, the Building Code of the City of Portland, plans and specifications, if any, submitted herewith and the following specifications:

Location 138 Commercial Street Within Fire Limits? yes Dist. No. 2
Owner's or Lessee's name and address City of Portland
Contractor's name and address C. A. Alcock, 39 Pearl Street Telephone 1-1274
Architect _____ Telephone 1-1274
Proposed use of building Observatory Plans filed no No. of sheets _____
Other buildings on same lot _____ No. families _____
Estimated cost \$ 75

Description of Present Building to be Altered
Material wood No. stories 7 Heat _____ Style of roof _____ Roofing _____
Last use Observatory No. families _____

General Description of New Work
To finish side walls and ceiling on 6th floor, with insulation

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.

Details of New Work
Is any plumbing work involved in this work? _____
Is any electrical work involved in this work? _____
Size, front _____ depth _____ Height average grade to top of plate _____
To be erected on solid or filled land? _____ Height average grade to highest point of roof _____
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 _____ Type of fuel _____ Is gas fitting involved? _____
Running lumber—Kind _____ Dressed or full size? _____ Size _____
Corner posts _____ Sills _____ Girt or ledger board? _____
Material columns under girders _____ Size _____ Max. on centers _____
ds (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof.
over 8 feet. Sills and corner posts all one piece in cross section.
Joists and rafters: 1st floor _____, 2nd _____, 3rd _____, roof _____
On centers: 1st floor _____, 2nd _____, 3rd _____, roof _____
Maximum span: 1st floor _____, 2nd _____, 3rd _____, roof _____
story building with masonry walls, thickness of walls? _____ height? _____

If a Garage
Is now accommodated on same lot _____, to be accommodated _____
Number commercial cars to be accommodated _____
Automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? _____

Miscellaneous
Does work require removal or disturbing of any shade tree on a public street? no
Is the person in charge of the above work a person competent to see that the State and City requirements pertaining thereto are followed? yes

Signature of owner C. A. Alcock City of Portland

Permit No. 42/111
Location 138 Commercial St
Owner City of Portland
Date of permit 2/2/42
Notif. closing-in _____
Insp. closing-in _____
Final insp. _____
Final Invo. _____
Cert. of Occupancy issued yes

NOTES