



**(1) INDUSTRIAL ZONE
APPLICATION FOR PERMIT**

**PERMIT ISSUED
00898
JUN 8 1948**

Class of Building or Type of Structure Third Class

Portland, Maine, May 19, 1948

CITY of PORTLAND,

To the INSPECTOR OF BUILDINGS, PORTLAND, ME. Plan 4/2/48

The undersigned hereby applies for a permit to erect ~~the following building structure~~ 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 27-35 Portland Pier Within Fire Limits? yes Dist. No. 2
 Owner's name and address Pine State Beef Co., 224 Commercial St. Telephone _____
 Lessee's name and address Sargent, Lord Co., 40 Portland Pier Telephone _____
 Contractor's name and address King, Butland, 206 Franklin St. Telephone 2-7704
 Architect _____ Specifications _____ Plans yes No. of sheets 1
 Proposed use of building Radio Repair Shop No. families _____
 Last use _____ No. families _____
 Material _____ No. stories _____ Heat _____ Style of roof _____ Roofing _____
 Other buildings on same lot _____
 Estimated cost \$ 2500. **INSPECTION NOT COMPLETE!** Fee \$ 2.50

General Description of New Work

To construct 1 story frame building 15'x30', as per plan.

Where the smokepipe passes through the roof a sheet metal thimble will be provided so as to maintain at all times at least six inch air space between the smokepipe and the thimble. The thimble will extend from the underside of the ceiling or roof beams to at least nine inches above the roof, will have a flange at the bottom at least two inches wide, and the sides of the thimble shall not be nearer than one inch to any combustible material.

Permit Issued with Letter

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? _____
 Height average grade to top of plate 8' Height average grade to highest point of roof 10'
 Size, front _____ depth _____ No. stories 1 solid or filled land? _____ earth or rock? _____
 Material of foundation wharf Thickness, top _____ bottom _____ cellar _____
 Material of underpinning _____ Height _____ Thickness _____
 Kind of roof flat Rise per foot 1/2" Roof covering asphalt roofing Class C Und. Lab.
 No. of chimneys smokepipe through roof Material of chimneys _____ of lining _____ Kind of heat stove fuel oil
 Framing lumber—Kind hemlock Dressed or full size? dressed
 Corner posts 4x4 Sills 4x8 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 plank, 2nd _____, 3rd _____, roof 2x6
 On centers: 1st floor _____, 2nd _____, 3rd _____, roof 16"
 Maximum span: 1st floor _____, 2nd _____, 3rd _____, roof 10'
 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? _____

APPROVED:

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

Pine State Beef Co.

Signature of owner: King Butland

Permit No 48/898

Location 27-35 Portland Bldg

Owner Sargent Lord Co.

Date of permit 6/8/48

Notif. closing-in 6/24/48 2:50 PM

Inspn. closing-in 6/24/48 P.M.

Final Notif.

Final Inspn

Dept. of Occupancy issued

INSPECTION NOT COMPLETE

6/25/48. Inspn. with
conditions. Elect. &
plumbing inspect.
to work directly
south wall at
ceiling level. etc.

At 27-33 Portland Pier-1

June 7, 1948

Mr. King Wetland
206 Franklin Street
Mr. Josiah T. Tubby
85 Exchange Street

Subject: Permit for erection of one-story
mercantile building at 27-33 Portland
Pier

Gentlemen:

The permit for the above work is issued herewith based on revised plan filed June 2, 1948, subject to the following:

1. The solid plaster wall indicated for the southeasterly end of the building will meet the Building Code requirement for a 2-hour separation. However, such construction as proposed is usually limited to non-bearing partitions inside a building and just what its performance would be as an outside wall subjected to wind and weather we are unable to say. We do not wish to go on record as recommending this construction for such a use even though it supplies the amount of fire resistance required by the Building Code. It would seem that if a 2x4 stud wall as usual were provided, the outside faces of the studs plastered with cement plaster on metal lath, the 1" channels placed against this plaster and fastened to the studding and then the outside faces of the channels covered with plaster on metal lath, it would be obtained that would provide the required fire resistance and also be substantial enough to take care of any loads, such as the bench shown on the plan, that may be placed upon it.

At any rate the minimum spacing of the steel channels for support of 1 3/8" x 3/8" x 1/2" metal lath as set by the Metal Lath Manufacturers Association is two feet in- stead of the three-foot spacing given on the plan, so that the shorter spacing of chan- nels should be provided. This protection is required to extend from the wharf planking to the roof boards and lath and plaster must of course be provided on both sides of the channels.

2. It should be noted that the metal smokepipe through the roof of the building is only allowable because it is on a wooden pile wharf where it is impractical to con- struct and support a masonry chimney. A sheet metal thimble at least 12" center in diameter than the smokepipe is required to extend from the underside of the ceiling at least 9" above the roof with the smokepipe centered in the thimble. The thimble is required to have a flange at the bottom at least two inches wide and the sides of the thimble must be kept at least one inch from combustible material.

Very truly yours,

Inspector of Buildings

All/S

Cl Sargent, Lord Company
100 Portland Pier

The State Roof Company
221 Commercial Street

AP 27-33 Portland Pier-1

May 24, 1948

Mr. King Butland
206 Franklin Street
Mr. Josiah T. Tubby
85 Exchange Street

Subject: Application for permit for construction of one-story mercantile building 15' x 30' at 27-33 Portland Pier

Gentlemen:

A check of the plans filed with the above application raises the following questions as to compliance with the Building Code:

1. The front entrance door to the building is required to be 36" wide instead of the 27" 10" width shown. See Section 212a2.3 of the Building Code.

2. It is noted that no toilet facilities are to be provided in the building. This is a matter not controlled by the Building Code but is covered by State Law. If it has not already been done, it might be wise to consult the Plumbing Inspector concerning it. See Section 212g.

3. The imitation brick siding is located for covering of the walls of building is not allowable. However, asbestos shingles and sheet metal at least No. 26 gauge is allowable. If asbestos is used on the walls, metal will be needed wherever bending of the covering is necessary. See Section 135a2.

4. According to a recent amendment of the Building Code, as specified in Section 135a3 amended, no part of the walls of the proposed building may be located closer than 20' to any existing buildings, unless these walls closer than that distance to the existing buildings are constructed as for a 2-hour fire separation with all openings in such walls consistently protected, or unless the walls of the existing building closer than 20' to the new building are constructed as for 2-hour separations with all openings as allowed for similar construction. The usual construction for a 2-hour fire separation is an 8" masonry wall with metal sash and wire glass windows or Class B (labelled) fire doors in all openings. However, under tests recently made, a 2" wood stud non-bearing partition covered on both sides with metal lath and a 1" thickness of ungraded gypsum plaster, has been accorded a rating of 2-hour fire resistance. Gypsum will not stand exposure to the weather. Perhaps a weatherproof covering can be worked out.

Unless there is open space on each side between the two existing wood frame buildings where the proposed building is to be located so that at least a 20-foot separation between the new building and the existing buildings on either end of it may be provided, it will be necessary to make that wall of the proposed building which is indicated on the plan as about 6' away from the building occupied by the Harbor Supply Oil Company of 2-hour fire separation. Since this wall does not support the roof timbers and is therefore non-bearing, the 2" wood stud construction as outlined above may be used with metal sash and wire glass being provided in the window opening in this wall.

Since we shall be unable to issue the permit for construction of this building until all of the above details have been taken care of in compliance with Building Code requirements, it is necessary that decision be made as to how this is to be accomplished and revised plans filed at this office for checking.

Very truly yours,

AJS/S

Inspector of Buildings

City Sargent, Lord Co., 100 Portland Pier, Fire State Roof Co., 224 Commercial Street