



APPLICATION FOR PERMIT

PERMIT No. 0200
FEB 20 1941

Class of Building or Type of Structure First Class

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

Portland, Maine, February 14, 1941

The undersigned hereby applies for a permit to ~~erect~~ alter ~~small~~ 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: 45 Water Street
Owner's or Lessee's name and address: Burham & Morrill Co., 45 Water Street Within Fire Limits? no Dist. No. _____
Contractor's name and address: _____ Telephone: 2-8341
Architect: Owner Telephone: _____
Proposed use of building: Factory Plans filed: yes No. of sheets: 3
Other buildings on same lot: _____ No. families: _____
Estimated cost \$: 1500. Fee \$: 3.75

Description of Present Building to be Altered

Material: brick No. stories: 5 Heat: _____ Style of roof: _____ Roofing: _____
Last use: Factory No. families: _____

General Description of New Work

To provide reinforced concrete with steel supports for retorain section opp. 33 & 160 on third floor of main building as per plans

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? _____ No. stories _____ Height average grade to highest point _____
Material of foundation _____ earth or rock? _____
Material of underpinning _____ Thickness, top _____ bottom _____ cellar _____
Kind of roof _____ Rise per foot _____ Height _____ Thickness _____
No. of chimneys _____ Material of chimneys _____ Roof covering _____
Kind of heat _____ Type of fuel _____ of lining _____
Framing lumber - Kind _____ Dressed or full size? _____
Corner posts _____ Sills _____ Girt or ledger board? _____
Material columns under girders _____ Size _____ Max. on centers _____
Studs (outside walls and carrying partitions) 2x4-16 O. C. Girders 6x8 or larger. Bridging in every floor and flat roof
span over 8 feet. Sills and corner posts all one piece in cross section.
Joists and rafters: _____
On centers: _____
Maximum span: _____
1st floor _____, 2nd _____, 3rd _____, roof _____
1st floor _____, 2nd _____, 3rd _____, roof _____
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 _____
Total number commercial cars to be accommodated _____
Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? _____
Will above work require removal or disturbing of any shade 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

Miscellaneous

Signature of owner Burham & Morrill Co.
F. H. Golden

SECTION COPY

CITY OF PORTLAND, MAINE
DEPARTMENT OF BUILDING INSPECTION

Record of Inquiry

Mode of Presentation
By telephone
Date 12/11/40
Location 45 Water Street

Made by Mr. Goldsmith - Burnham & Morrill Co.

Inquiry - The Company plans to build a new storage warehouse and are

considering provision for one or more tight rooms for "gassing"

dry beans. This process consists of placing cyanide crystals

each about the size of a ping pong ball in a dish of some sort

and pouring over them sulphuric acid. A very deadly gas is then

given off, inhaling of which would be fatal to either man or beast.
Answer: The beans are subjected to this treatment for two or three days;
the room is then opened and ordinarily the gas discharges in the
the open air. The question is if these rooms were provided for
this process would the process be allowed and what restrictions
would there be?

Answer: I. I promised to consider the matter from a zoning standpoint and
to put the question up to both Chief Sanborn and Dr. Tetreau; and
then let Mr. Goldsmith know. See joint letter to Dr. Tetreau and
Chief Sanborn. Reply by MCD.

On centers : _____, _____, _____, _____, _____, _____
Span : _____, _____, _____, _____, _____, _____
1st floor _____, 2nd _____, 3rd _____, 4th _____
1st floor _____, 2nd _____, 3rd _____, 4th _____

If 1st or 2nd Class Building

External walls } thickness { 1st story _____, 2nd story _____
Party walls } 1st story _____, 2nd story _____
Material of cornice? _____ How fastened? _____

If Apartment, Tenement or Lodging House

Dimensions of lot? _____
Descriptions of other buildings on lot? _____
Clear distance to rear lot line? _____, to one side lot line? _____, to other side lot line? _____

If a Private Garage

No. cars now accommodated on lot? _____ Total number to be accommodated? _____
Other buildings on same lot? _____
Distance from nearest present building to proposed garage? _____
All parts of garage, including eaves, will be at least 2 ft. from all lot lines.
Garage will be at least _____ feet from nearest windows of adjoining property.
Will there be a heating plant within building? _____
If so, how protected? _____

Miscellaneous

Will the above construction require the removal or disturbing of any shade tree on the public street? _____
Plans filed as part of this application? _____ No. sheets? _____
Estimated total cost \$ _____ Fee? _____
Signature of owner or authorized representative? _____

CITY OF BOULDER, COLORADO

"Always be careful with fire all ways"

OLIVER T. SANBORN
CHIEF



CITY OF PORTLAND, MAINE
FIRE DEPARTMENT

December 12 1940

Mr. Warren McDonald
Building Inspector
Portland, Me.

Dear Sir:-

I am opposed to Burnham & Morrill Company
treating beans by the gas method at their plant.

In case a fire occurred in the building
at night it might create a very serious condition
with possible fatal results to members of this
Department.

Very truly yours,

Oliver T. Sanborn
Oliver T. Sanborn
Chief Fire Dept.

*File with
B & M. Longman's*

Inquiry 45 Water Street

December 11, 1940

Dr. Thomas Tetreau
Chief Oliver T. Sanborn
Gentlemen:

An unusual inquiry comes from the Burnham Morrill Company, and I wonder if both of you will help by giving your viewpoint of the matter, preferably in writing.

The company is considering building a rather large warehouse at that plant, and someone has suggested that they make provision in the building for one or more tight rooms in which dry beans may be "gassed". This process consists in putting a quantity of beans that require treatment in a tight room, placing cyanide crystals about the size of a ping pong ball in a dish and pouring over them sulphuric acid. This combination gives off a very deadly gas, fatal to most everything that lives. After two or three days exposure to this gas, the room is opened and the gas exhausted in the open air in some manner. The Burnham Morrill Company have been treating beans in this way at some outlying storage plant, one of them at China, Maine.

The question is would such an operation be permitted at their East Deering plant, and, if so, what restrictions would apply and what precautions would have to be taken?

Very truly yours,

Inspector of Buildings

WSD/H

P. 39/2199-I

Burnham & Morrill Co.
45 Water Street
Portland, Maine

December 5, 1939

Gentlemen:

Attention Mr. Goldsmith

Enclosed is the building permit covering alterations and addition to the building at your plant formerly used for dehydrating, now to be used for machine shop, blacksmith shop and tin shop. Please note the following:

1. Your application has been revised over Mr. Goldsmith's signature to explain the work and correct the detailed dimensions, etc., the original application being neither complete nor correct.

2. It is understood that the second floor is to be used as a tin shop with at least one employee a part of the time. Chief Sanborn for the Board of Fire Engineers, which under the State Law has full jurisdiction of means of egress, has approved the permit but only on the condition that you provide a suitable landing with railing outside of a window of the second story as far removed from the stairway as possible with a vertical ladder running from the platform to the ground. I am assuming that you are willing to make this provision, otherwise the permit should be returned. When you get ready to build the platform and ladder it would be well for you to submit the details to Chief Sanborn to make sure that the arrangement is satisfactory to the Board of Fire Engineers before building it.

3. Because a part of this second floor will be used for storage at times, it will be necessary for you to have permanently posted in place a sign indicating the safe live load per square foot, and this may be taken at 60 pounds per square foot live load, if you build the second floor as shown on the plans.

4. A handrail is required on at least one side of the stairs. I do not know in what way you propose to use the "scuttle" shown in the second floor, but presumably the Building Code requires that this scuttle have hinged, tinned on the underside, doors so arranged that, if left open, they will close of themselves in case of fire and that there will be rails and guards of some description around the opening at the second floor level so that persons may not fall through the opening, when the doors are left open.

5. You have apparently increased the size of the addition over that shown on the original plans submitted here, and the span of the roof joists is now shown as 16 feet. The 2x8 joists, 14 inches on centers, will only prove satisfactory to Building Code requirements if they are to be full size, this being due to the increase in span over the original of 14 feet shown. If you do not intend to use full size two inches by eight inches joists, then deeper joists should be used.

Very truly yours,

MMcD/R

Inspector of Buildings

Burnham & Morrill Co.-----2

November 24, 1939

5. The allowable live load of second floor based on the joists appears to be 60 pounds per square foot, based on the steel beams 80 pounds per square foot. At least 100 pounds per square foot live load would be required, if the floor is to be used for storage. What kind of four inch columns are intended beneath I-beams, and how are they to be anchored to the floor?

6. The 2x6 roof joists of the proposed addition are too light. At least 2x8's are necessary and 16 inches on center, if they are to be dressed. The sills of the addition are to be at least 4x6, solid in cross section, the corner posts 4x4 solid in cross section, and the plate of the addition 4x4 or double 2x4.

Very truly yours,

Inspector of Buildings

W McD/H

Rept. 5999C-I

November 24, 1939

Burnham & Morrill Co.,
45 Water Street,
Portland, Maine

Attention Mr. F. H. Goodsmith

Gentlemen:

Relating to alterations in the former all-metal dehydrating building at your plant, the following questions and details not in compliance with the Building Code appear, which I would be glad to have you fix on the plan without delay so that the permit may be issued:

1. Are the present foundations wide enough to support the new wooden sills? The sills are required to be at least 4x6 and all one piece in cross section instead of the 2x6 shown. Are you to bolt the 2x4 studs of the new sidewalls securely to the existing eight inch H-columns at the corners? If not the usual 4x6 corner posts are required, all one piece in cross section, and all one length or spliced with lap splices at least 18 inches in length. The second story studs of the new outside walls are required to go clear down to the top of the girt instead of resting on a shoe which in turn would rest upon the top edges of the 2x10 floor joists. I suppose it is intended to bolt the new wooden plate at the eaves level to the H-columns or whatever steel plate now runs around the building, but it is not shown. A wooden plate should be bolted to the top flange of the second floor I-beams and the new floor joists spiked to it instead of merely being notched on over the top flange without any fastening. In both the existing building and the new addition, all openings in the walls should have short "jack" studs by the side of the through studs from sill to plate, the short studs to be cut under the header over the opening on each side so that the header will have a bearing upon it, instead of as shown on the plan.

2. The plans show a new second floor, but the application does not mention it. Presumably it is intended, and I think someone said the second floor was to be used for heavy storage. This should be indicated on the application. Are there to be any partitions up there, any stairs or wells in the second floor, or how would a person get up there.

3. Welded connections are not acceptable where the new second floor I-beams are to be supported on the existing H-columns or where the 6x10 girts are to be supported upon angle brackets which are shown welded to the H-columns. Adequate fitted bolts or rivets should be substituted and shown.

4. The concrete foundation of the addition should be at least eight inches thick at the grade of the ground outside, at least ten inches thick at the bottom of wall, the batter, if any, ought to be on the outside of the wall, and the wall ought to extend to a depth of four feet below the grade of the ground or to ledge whichever is encountered first.



INDUSTRIAL ZONE

APPLICATION FOR PERMIT

PERMIT ISSUED

Class of Building or Type of Structure Third Class

2199

5 1939

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

Portland, Maine, November 15, 1939

The undersigned hereby applies for a permit to erect 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 45 Water Street

Within Fire Limits? no Dist. No. _____

Owner's or Lessee's name and address Burnham & Morrill Co., 45 Water St. Telephone 2-8341

Contractor's name and address Owner Telephone _____

Architect _____ Telephone _____

Proposed use of building Machine Shop and blacksmith shop Plans filed yes No. of sheets 2

Other buildings on same lot _____ No. families _____

Estimated cost \$ 2,000 Fee \$ 3.75

Description of Present Building to be Altered

Material metal No. stories 1 Heat none Style of roof hip Roofing metal

Last use Drying plant No. families _____

General Description of New Work

To remove existing steel side walls and replace with wood as per plan
To build one story frame addition 32' x 16' on westerly side of existing building
To construct second floor in the main building as indicated on plan to be used as a tin shop, and to provide a second means of egress from the second floor by erecting a platform and ladder outside of a second story window as far removed from the stairway as possible.

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

CERTIFICATE OF OCCUPANCY REQUIREMENT IS WAIVED

Is any plumbing work involved in this work? yes

Is any electrical work involved in this work? yes Height average grade to top of plate _____

Size, front _____ depth _____ No. stories _____ Height average grade to highest point of roof _____

To be erected on 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 Asphalt roofing Glass & Und. Lath

No. of chimneys _____ Material of chimneys _____ of lining _____

Kind of heat from main plant Type of fuel _____ Is gas fitting involved? _____

Framing Lumber Kind _____ Dressed or Full Size? _____

Corner posts _____ Sills _____ Girt or ledger board? _____ Size _____

Material/columns under girders _____ Size _____ Max. on centers _____

Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof span over 8 feet. Sills and corner posts all one piece in cross section.

Joists and rafters: 1st floor concrete, 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 accommodate 1 on same lot _____, to be accommodated _____

Total 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 above work require removal or disturbing of any shade 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

Signature of owner Burnham & Morrill Co.

By J. H. Goldsmith

INSTRUCTION COPY OF FIRE DEPT. 5999

BURNHAM & MORRILL COMPANY



PURE FOOD PRODUCTS

BOX 1871

PORTLAND, MAINE

Cable Address BURNAMORIL

IN REPLY
REFER TO

RSS:DM

March 29, 1940

PARIS SUGAR CORN
PARIS SUCCOTASH
STRINGLESS BEANS
LIMA BEANS
BAKED BEANS
BROWN BREAD
DEEP SEA LOBSTER
FISH FLAKES
CODFISH CAKES
CLAMS
CLAM CHOWDER
CLAM BOUILLON
SPAGHETTI
MINCE MEAT

City of Portland
Department of Building Inspection
Portland, Maine

Att: Mr. Warren McDonald

Gentlemen:

We have received from you our
Certificate of Occupancy for our new
warehouse.

The Burnham & Morrill Company
wishes to express its appreciation of
the perfect cooperation and the exceptional
helpfulness received from you during the
planning, building and inspecting of our
new warehouse.

Very truly yours,

BURNHAM & MORRILL COMPANY

BY: *Robert S. Scull*
PRODUCTION MANAGER





PERMIT ISSUED

Original Permit No. 29/2000
Amendment No. FEB 29 1940

AMENDMENT TO APPLICATION FOR PERMIT

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.
The undersigned hereby applies for an amendment to Permit No. 30/2000 pertaining to the building or structure comprised in the original application in accordance with the Laws of the State of Maine, the Building Code of the City of Portland, and specifications, if any, submitted herewith, and the following specifications:

Location 45 Water Street Within Fire Limits? NO Dist. No. _____
Owner's name and address Burham & Morrill Co., 42 Union St.
Contractor's name and address The Fels Co., 42 Union St. No. of Sheets. 2
Plans filed as part of this Amendment yes Is any electrical work involved in this no
Increased cost of work 1,200 Additional fee 3.00
Framing Lumber: Kind? _____

Description of Proposed Work
To install wet pipe sprinkler system in Warehouse No. 1, including no. addition, - with alarm valve

Burham & Morrill Co.
By The Fels Co.
Signature of Owner Charles H. Fels

Approved: 2/29/40 W.M.D.
Inspector of Buildings

Approved: _____
Chief of Fire Department.
Commissioner of Public Works.

INSPECTION COPY

Original Permit No. _____
 Amendment No. _____

AMENDMENT TO APPLICATION FOR PERMIT

Portland, Maine, November 22, 1939

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for an amendment to Permit No. 39/2007, pertaining to the building or structure erected 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: _____ Ward: _____ Within Fire Limits: No. _____ Dist. No. _____

Owner's name and address: _____

Contractor's name and address: _____

Plans filed as part of this application: _____ No. of Sheets: _____

Increased cost of work: \$1500. Additional fee: \$75.

45 Water St. 11/24/39

To Owner:

Because no loads on this conveyor are given and Mr. Goldsmith has told me that they are to be very light, no check has been made on the structural parts of this trestle and conveyor supports. Because I understand persons are not to use this structure, we shall not object to welding. Apparently wind load would be the principal thing to question and I agree Mr. Goldsmith has looked into that.

Inspector of Buildings.

2.54/2004
Amend. #1

Burnham & Morrill Co.
45 Water Street
Portland, Maine

November 22, 1930

Gentlemen:

Attention Mr. J. H. Goldsmith

The enclosed amendment to a building permit covering construction of a two story warehouse at 45 Water Street is approved with the understanding that the new warehouse No. 1 and existing warehouse No. 2, which will be adjoining, will be fully protected by a standard automatic sprinkler system, otherwise the floor areas would be accessible and would not be allowable under the Building Code. When the new warehouse is ready and before any of the sprinkler work is done, your sprinkler installer should apply for an amendment to this permit covering the sprinkler work and filing a plan of the new sprinkler system which is required to bear upon it the stamp of approval of the New England Insurance Exchange. I understand warehouse No. 2 is protected by such a system now, and care should be exercised so that the period of interruption of that protection for warehouse No. 2 should be as short as possible.

It is also my understanding that there will be no fires or flame producing devices of any kind in either of the two warehouses at any time. Windows or other openings in the second story will be required so that the Fire Department can easily get in from the outside of the building in case of need and these openings should be properly marked.

Permanent floor load signs sufficient in number and size of lettering to be read from all parts of the second story are required to be posted in the second story permanently and to indicate the allowable live load per square foot on the various parts of the second floor, including warehouse No. 2. In this connection I note that you have placed the second floor joists on the plan at 11 inches centers, but it is not clear to me whether or not these 5x10's are to be full 5" x 10" in size or dressed down from that size. When you are ready to have the floor load signs made, if you will notify the live load that you propose to enter on them, I shall be glad to check the figures.

If any part of the frame of the building is to be enclosed with sheathing or otherwise, you are expected to notify this office of readiness of inspection before the covering is done and to receive a certificate in the shape of a green tag from our inspector before the closing in is commenced. Before any part of the building is occupied, you are supposed to notify this office of readiness of final inspection at which time the floor load signs ought to be in place and the sprinkler system operative, and upon inspection, if everything is found in order, the legal certificate of occupancy will be issued.

I am unable to fully interpret what the situation will be where the new warehouse joins warehouse No. 2 at the second story level, and am therefore unable to check the adequacy of the eight inch I-beam proposed there. I assume that Mr. Goldsmith has checked out all the loads coming upon this beam and is satisfied that

Burnham & Merrill Co. _____

November 25, 1939

At one place on Drawing No. 3, you still show a 2x10 sill instead of the 4x4 required.

The doubled studs at the sides of window and door openings are not framed right as shown on the plan. The inside stud on each side of each opening is supposed to be cut off and the header over the opening to rest upon it, the purpose of the double studs being to give adequate support for the headers over the openings.

I presume you will frame around the stairway and other floor openings with double timbers, timber hangers, etc., so as to develop the full floor loads. I understand that the 6x10's in the roof are to be full size six inches by ten inches and that the posts in the first story are to be full ten inches by ten inches in size.

There are a number of details of framing which depart substantially from the usual procedure. I have talked some of them over with Mr. Goldsmith, and only mention them here so that you may fully understand the situation should anything go wrong with them in the future. The detail of supporting the second story posts on the top flange of a steel beam instead of carrying the post through to rest upon a suitable cap on the first story posts, this cap to be designed so as to take up the I-beams supporting the second floor joists, is not contemplated in the Building Code, I think, since the combination of wooden posts with steel beams is out of the ordinary. The Code does say that wooden posts shall run through the floor construction and rest upon the posts below, if there are any posts below, but I have decided not to interpret your proposed detail as a violation of this part of the Code. I doubt if you will have any difficulty with this detail, but it is unusual.

The 4x10 girts on the sides of the building and the 4x6 plates are heavier than required and will have a tendency to distort the roof frame due to unequal shrinkage. The outside ends of the 6x10 roof beams will have between their bearings and the foundation four inches of plate, 10 inches of girt, and four inches of sill, -18 inches of horizontal timber through which to shrink, while the inside ends of the 6x10's would have no horizontal lumber, whatever, between their bearings on the 6x6 posts and the concrete foundation piers.

I do not understand what you propose on Sections B-B and E-E on Plan No. 3 at the second floor level, but considerable care should be used or you will be in violation of the letter of the Building Code as well as the spirit of it. These details are very unusual. Apparently you plan to bolt a 4x4 girt to the under flange of the 15 inch I-beam to spike to it the upper ends of the 2x4 vertical joists which would be 16 inches from center to center. What you plan above the I-beam is undetermined. A 4x4 girt is indicated but appears to rest on the top of the 5x10 floor joists. This is not allowable. The girt would have to be bolted to the top flange of the I-beam, the floor joists rest upon it and the 2x4 studs, 16 inches from center to center run down by the floor joists and get a bearing and be spiked to the girt. It is unusual to use an I-beam in an outside bearing wall in this way when the wall beneath it can easily be made competent to carry the load without any such I-beam.

I presume the elevator shaft and the toilet rooms shown in warehouse No. 2, together with the elevator, are now existing. If not, you should so indicate to this office and take care of complying with present Building Code requirements applying thereto.

Very truly yours,



Original Permit No. 39/2001
Amendment No. 1

AMENDMENT TO APPLICATION FOR PERMIT

Portland, Maine, November 10, 1939

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for an amendment to Permit No. 39/2001 pertaining to the building or structure comprised in the original application 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 15 Water Street Ward 9 Within Fire Limits? no Dist. No. _____

Owner's or Lessee's name and address Burnham & Morrill Co., 15 Water St. 2-8311

Contractor's name and address CORCORAN

Plans filed as part of this Amendment yes No. of Sheets 2

Increased cost of work 10,000. Additional fee 6.50

Description of Proposed Work

To build two story frame addition, app. app. 30' x 170' as per plans submitted
Built-up roof covering

To demolish existing one story frame addition 170' x 36'
To remove first story wall of No. 2 Warehouse where it adjoins new addition

4 blue print filed with this amendment

Burnham & Morrill Co.

Seal

Signature of Owner J. M. Goldsmith

Approved Oliver T. Tenbrunsel
Chief of Fire Department

Approved: 11/22/39

INSPECTION COPY. Commissioner of Public Works.

Inspector of Buildings [Signature]

P. 39/2004-1

Burnham & Morrill Co.,
45 Water Street,
Portland, Maine

November 16, 1939

Gentlemen:

Attention Mr. Goldsmith

After my talk with Mr. Scull this afternoon, the following are the questions which arise relating to your additional warehouse at 45 Water Street:

1. It appears that you are to remove all of the one story warehouse known as No. 1 before the job is finished, and build a two story section to occupy the site of No. 1 and for a part of its length to adjoin two story warehouse No. 2. The first story wall of what is now warehouse No. 2 where the two houses will join is to be removed, thus leaving the question as to what will support the second story and roof of warehouse No. 2 and the same of the new warehouse at this point. I understand that your plan shows a five inch I-beam on 11 foot spans, but it cannot be told whether this is adequate until it is known how much load there will be coming from second floor and roof and dividing partition in the second story of warehouse No. 2.
2. The location and width of all stairways ought to be shown as well as the same information for any other openings that may be planned in the second floor. Stairways are required to be at least three foot six inches wide, handrail full length on at least one side, no winding treads, risers no more than eight and one-half inches, treads not less than nine inches and no closets under stairs. It seems that a part of second story is to be used for labelling cans with several persons working there. The partitions of this space ought to be shown and its relation to the stairways, so that the Chief of the Fire Department may pass on the adequacy of means of egress. There must be at least two to the ground. All other partitions in both stories ought to be shown in location, the minimum construction of them being 2x5 studs, vertically, no more than 16 inches from center to center.
3. A scuttle in the roof at least two feet by three feet will be required in such a location that a permanent ladder may always be maintained leading to it.
4. Wooden corner posts are required to be at least 4x8, all one piece in cross section and either all one length or using eighteen inch lap splices. Girts all around the outside walls of the new building at the second floor level and plates at the roof level are required to be no less than four inches in least dimension, but may be doubled 2x4's. I think the plans show in one place 3x8 for a plate. Wooden sills are required all around the building to be no less than 4x8 (2x10 seems to be shown) all one piece in cross section. Window and door openings in outside walls are required to have at least doubled 2x4 over those under four feet wide, something heavier in proportion to the load over wider openings, and short studs under each end of header in each case. All studs in outside walls are required to go down and bear directly on sill or on the girt at the second floor level.
5. I suggest that you have made a small scale plan, say one-eighth of an inch to the foot, showing all of warehouse No. 2 and all of the addition and on the

Burnham & Morrill Co. — 2

November 16, 1939

plan indicate all important features such as stairways, walls, scuttle in roof and permanent ladder, room partitions, etc. I also suggest that you make a few typical sections through the outside walls showing the arrangement of studs, sills, girts and plates.

6. Mr. Scull says that the 6x10 roof beams will be full size six inches by ten inches and on this basis the roof framing works out all right. The 3x10 second floor joists, dressed size, check out to about 280 pounds per square foot live load, and if you follow this construction it will be necessary to have your permanent floor load signs read accordingly. Mr. Scull thought that you might be able to make them full size 3x10, in which case it should be indicated on the plan and the allowable live load would seem to check out at 350 pounds per square foot.

7. With the built-up roofing that you are proposing, if no gravel or slag surface is intended, it will be necessary that the upper layer of roofing be such as to bear on each package the red label of the Underwriters' Laboratories, Inc., identifying it as Class C roofing.

8. It seems that you are to change the type of anchorage of the second story posts to the steel beam and to show anchorage of the first story posts to the concrete floor or piers when none is shown at present. Please show these details on the plan.

Very truly yours,

Inspector of Buildings

W McD/H



APPLICATION FOR PERMIT **PERMIT ISSUED**

Class of Building or Type of Structure _____
Portland, Maine, _____

NOV 7 1939

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to erect, 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 45 Water Street Within Fire Limits? no Dist. No. _____
Owner's or lessor's name and address Burnham & Morrill Co., 45 Water St. Telephone 28341
Contractor's name and address Owner Telephone _____
Architect _____ Plans filed yes No. of sheets 1
Proposed use of building _____ No. families _____
Other buildings on same lot _____
Estimated cost \$ _____ Fee \$ 1.00

Description of Present Building to be Altered

Material _____ No. stories _____ Heat _____ Style of roof _____ Roofing _____
Last use _____ No. families _____

General Description of New Work

To construct additional foundations of concrete for an addition to No. 1 and No. 2 Warehouses so as to make them practically all one building as indicated in plan in detail on plan attached, and to construct an additional concrete curb wall on the existing foundation wall which has never been built upon to make ready for walls of the addition. This part of the foundation for this addition were constructed under Permit 31/153 and the plans accompanying the application exist. The additional foundations covered by this permit are to provide for change in plans.

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 _____
Size, front _____ depth _____ No. stories _____ Height average grade to highest point of roof _____
To be erected on solid or filled land? _____ earth or rock? _____
Material of foundation _____ Thickness, top _____ bottom _____ cellar _____
Material of unexp. mng _____ 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? _____
Framing Lumber - Kind _____ Dressed or Full Size? _____
Corner posts _____ Sills _____ Girt or ledger board? _____ Size _____
Material columns under girders _____ Size _____ Max. on centers _____
Studs (outside walls and carrying partitions) 2x4-12" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof over 9 feet. Sills and corner posts all one piece in cross section.
Joists and rafters: 1st floor _____, 2nd _____, 3rd _____, roof _____
Cn centers: 1st floor _____, 2nd _____, 3rd _____, roof _____
Maximum span: 1st fl or _____, 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 _____
Total 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 above work require removal or disturbing of any shade 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

INSTRUCTION COPY

Signature of owner _____
Burnham & Morrill Co.

By A. H. Goldblum

28341



INDUSTRIAL ZONE
APPLICATION FOR PERMIT

Class of Building or Type of Structure Refrigeration

Permit No. 17-2504D
ISSUED
DEC 23 1936

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

Portland, Maine, December 22, 1936

The undersigned hereby applies for a permit to ~~erect~~ 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 45 Water Street
Ward 9 Within Fire Limits? no Dist. No. _____
Owner's or Lessee's name and address Burnham & Morrill Co., 45 Water St. Telephone _____
Contractor's name and address Ballard Oil & Equipment Co. of Maine 355 Cumberland Telephone 2-1991
Architect's name and address _____
Proposed use of building Factory No. families _____
Other buildings on same lot _____
Plans filed as part of this application? yes with Fire Dept. _____
Estimated cost \$ 1405. Fee \$ 3.75

Description of Present Building to be Altered
Material brick No. stories 4 Heat _____ No. of sheets _____
Last use Factory Style of roof _____ Roofing _____
No. families _____

General Description of New Work
To install refrigeration equipment on third floor of building as per plans and specifications

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
Size, front _____ dept' _____
To be erected on solid or filled land? _____ No. stories _____
Material of foundation _____ Height average grade to top of plate _____
Material of underpinning _____ Height average grade to highest point of roof _____
Kind of Roof _____ Thickness, top _____ earth or rock? _____
No. of chimneys _____ Rise per foot _____ Height _____ bottom _____
Kind of heat _____ Material of chimneys _____ Roof covering _____ Thickness _____
Corner posts _____ Sills _____ Type of fuel _____ of lining _____
Material columns under girders _____ Girt or ledger board? _____ Is gas fitting involved? _____
Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof _____
Joists and rafters: _____ Size _____ Max. on centers _____
On centers: 1st floor _____, 2nd _____, 3rd _____, roof _____
Maximum span: 1st floor _____, 2nd _____, 3rd _____, roof _____
If one story building with masonry walls, thickness of walls? _____, 3rd _____, roof _____
height? _____

If a Garage
No. cars now accommodated on same lot _____, to be accommodated _____
Total 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 above work require removal or disturbing of any shade 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 Oliver W. [unclear]
By Burnham & Morrill Co.
By Ballard Oil & Equipment Co.
By G. A. [unclear]



INDUSTRIAL ZONE

PERMIT

APPLICATION FOR PERMIT

Class of Building or Type of Structure First Class DEC 21

Portland, Maine, December 22, 1936.

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to erect 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, submitted herewith and the following specifications:

Location 45 Water Street Ward 9 Within Fire Limits? No Dist. No.

Owner's or Lessee's name and address Burnham & Morrill Company, 45 Water Street Telephone

Contractor's name and address Owner Telephone

Architect's name and address

Proposed use of building Canning Factory No. families

Other Buildings on same lot

Plans filed as part of this application? None No. of sheets

Estimated cost \$ 2000.00 Fee \$ 8.75

Description of Present Building to be Altered

Material Concrete No. stories 4 Heat Style of roof Flat Roofing

Last use Canning factory No. families

General Description of New Work

On fourth floor of building to erect non-carrying 4" terra cotta tile partitions as follows:-

To erect partitions for sauce room 12' x 18'

To erect partitions for pork cutting room 18' x 25'

To erect partitions for refrigerating room 18' x 56', permit for refrigerating machine to be taken out by installing firm.

Partitions 10' high.

The Owner assumes all responsibility as regards the strength of the existing floor and its ability to safely carry the dead weight of the new partitions and the weight of stresses assigned by the Building Code of the City of Portland, Maine.

Details of New Work

Height average grade to top of plate

Size, front _____ depth _____ No. stories _____ Height average grade to highest point of roof _____

To be erected on solid or filled land? _____ earth or rock? _____

Material of foundation _____ Thickness, top _____ bottom _____

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? _____

Corner posts _____ Sills _____ Girt or ledger board? _____ Size _____

Material columns under girders _____ Size _____ Max. on centers _____

Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof span 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 _____

If one story building with masonry walls, thickness of walls _____ height? _____

If a Garage

No. cars now accommodated on same lot _____, to be accommodated _____

Total 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 above work require removal or disturbing of any shade 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
Burnham & Morrill Co.

Signature of owner By E. C. Small

INSPECTION COPY

2504



APPLICATION FOR PERMIT

Permit No. 2050

Class of Building or Type of Structure first class

Portland, Maine, Nov. 24, 1936

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.
The undersigned hereby applies for a permit to erect 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 46 Water St.
Ward 9 Within Fire Limits? no Dist. No. _____
Owner's or Lessee's name and address Burnham and Morrill Co. 45 Water St. Telephone 2-8541
Contractor's name and address Owner Telephone _____
Architect's name and address _____ Telephone _____
Proposed use of building Canned products Telephone _____
Other buildings on same lot warehouse and machine shop etc. No. families _____
Plans filed as part of this application? _____ No. of sheets _____
Estimated cost \$ 7500.00 Fee \$ 1.00

Description of Present Building to be Altered
Material brick No. stories 4 Heat steam Style of roof flat Roofing _____
Last use Canned products No. families _____
General Description of New Work
To install fourteen gas fired brick ovens. Floor is designed for 200# per sq. ft. Each oven vented with a vent 100sq.in. in cross section, this leads into a main vent 20" x5'0 which in turn is vented to the main chimney.

CERTIFICATE OF OCCUPANCY
NOTIFICATION BEFORE ERECTION
OR CLOSURE OF BUILDING

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

Size, front _____ depth _____ No. stories _____ 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 _____ earth or rock? _____
Material of underpinning _____ Thickness, top _____ bottom _____
Kind of Roof _____ Rise per foot _____ Height _____ Thickness _____
No. of chimneys _____ Material of chimneys _____ Roof covering _____
Kind of heat _____ Type of fuel _____ of lining _____
Corner posts _____ Sills _____ Girt or ledger board? _____ Is gas fitting involved? _____
Material columns under girders _____ Size _____ Max. on centers _____
Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof span over 8 feet. Sills and corner posts all one piece in cross section.Joists and rafters: _____
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 _____
Total 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 above work require removal or disturbing of any shade 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

Signature of owner W. B. Small
Burnham and Morrill Co.

INSPECTION COPY

3498



APPLICATION FOR PERMIT

INDUSTRIAL CLASS
Third & Second Class

SEP 4 1938

Class of Building or Type of Structure

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

Portland, Maine, Sept. 3, 1938

The undersigned hereby applies for a permit to erect 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 45 Water Street Ward 9 Within Fire Limits? no Dist. No. _____
Owner's or Lessee's name and address Burnham & Morrill Co., 45 Water Street Telephone 2-8741
Contractor's name and address Owner Telephone _____
Architect's name and address _____ Telephone _____
Proposed use of building Factory & Warehouse
Other buildings on same lot _____
Plans filed as part of this application? yes No. families _____
Estimated cost \$ 1,000. No. of sheets 2 Fee \$ 1.00

Description of Present Building to be Altered

Material brick & c. No. stories 2-2 Heat _____ Style of roof _____ Roofing _____
Last use Factory and Warehouse No. families _____

General Description of New Work

To make existing uncovered trucking platform now standing between the main factory and warehouse No. 1 and 2 about 20' wide instead of 8', as at present and about 100' long, and to provide a roof over the same, enclosing one end with construction of brick, stone, and introducing into the wall three or four large doors. This but generally erected with girders spaced four sides. Spans are irregular across the top of them will be grouted in centers on each edge of the platform these posts suitable strapping will be laid for nailing corrugated metal.

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately and in the name of the heating contractor.

Details of New Work

Size, front _____ depth _____ Height average grade to top of platform _____
To be erected on solid or filled land? _____ Height average grade to highest point of earth or rock? _____
Material of foundation _____ Thickness, top _____ bottom _____
Material of underpinning _____ Height _____ Thickness _____
Kind of Roof flat Rise per foot 1/2 or 3/8 Roof covering corrugated iron
No. of chimneys _____ Material of chimneys _____ of lining _____
Kind of heat _____ Type of fuel _____ Is gas fitting involved? _____
Corner posts _____ Sills _____ Girt or ledger board? _____
Material columns under girders _____ Size _____ Max. on centers _____
Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof span over 8 feet. Sills and corner posts all one piece in cross section.
Joists and rafters: 1st floor _____, 2nd _____, 3rd _____, roof 2x8
On centers: 1st floor _____, 2nd _____, 3rd _____, roof 2'
Maximum span: 1st floor _____, 2nd _____, 3rd _____, roof 10'
If one story building with masonry walls, thickness of walls? 4x10 Oregon fir 20' span height? _____

If a Garage

No. cars now accommodated on same lot _____, to be accommodated _____
Total 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 above work require removal or disturbing of any shade 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 be observed? yes

REPRODUCTION COPY

Signature of owner. By Burnham & Morrill Co.

1078

STATEMENT ACCOMPANYING APPLICATION FOR BUILDING PERMIT
for 1 story addition
at 45 Water Street

Date 8/16/37

1. In whose name is the title of the property now recorded? *Purinton Merrill*
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? *yes* If not, will you notify the Inspection Office when the work is staked out and before any of the work is commenced?
4. What is to be maximum projection or overhang of eaves or drip? *yes 8"*
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?
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 changes are made? *yes*

*Purinton Merrill cc
W. Small*

File: 20(Rept)E

August 22, 1937

Burnham & Merrill Corp.
45 Water Street,
Portland, Me.

Attention Mr. G. A. Small

Gentlemen:

Enclosed is the building permit covering an addition to Warehouse No. 4 at 45 Water Street. In checking the plans against Code requirements, the following questions are found, to be adjusted:

1. The vertical studs in the outside walls, being 3" x 6", should be not more than 17" from center to center. If rough window openings are more than 36" wide, the headers should be doubled and short or "jack" studs should be used under and to support each end of such headers.
2. It is not clear whether the 3" x 10" roof joists are dressed down or full size. If they are dressed down, a line of beams of suitable span and supported by posts, the beams to be of proper size to support 45 pounds per square foot of roof surface and to run at right angles to the joists, will be necessary, or a complete rearrangement of the roof framing might give a more economical design. If the roof joists are full 3" x 10" in size, they are adequate on the long span provided they are spaced 14" from center to center instead of 16" as shown. If the joists are dressed, please furnish a revised plan showing the new arrangement before the job progresses that far.
3. If the first floor 3" x 8" joists are dressed down the floor will figure good for a superimposed load of 75 pounds per square foot of surface. If these joists are full 3" x 8" in size, they are adequate for a superimposed load of 100 pounds per square foot. Whichever is the case, a permanent sign should be posted in a conspicuous place in the addition before occupancy indicating the allowable superimposed or live load per square foot of floor surface. If you contemplate any very substantial loads upon this proposed floor, I suggest that you frame it heavier now, as the above loads do not reflect very much strength for a warehouse floor.

May I suggest that you give thorough consideration to the installation of an automatic sprinkler system in this warehouse before you commit the company to the galvanized metal for partition and door covering, agreed to by Mr. Small and approved by Chief Sanborn. You must be convinced of the economy of automatic sprinkler systems since practically your entire plant except this warehouse is so equipped. If Warehouse No. 4 were to be so equipped, you need not provide the metal covering on walls and doors for this or any future addition. Furthermore you would no doubt make a substantial saving in insurance rates on building and contents, knowing that the metal would not procure, besides a practical guarantee that the use for which you intend the warehouse would not be interrupted.



INDUSTRIAL ZONE
APPLICATION FOR PERMIT
 Class of Building or Type of Structure Third Class

PERMIT ISSUED
 Permit No. 14524

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.
 The undersigned hereby applies for a permit to erect alter install the following building structure equipment in accordance with the Laws of the State of Maine and the Building Code of the City of Portland, plans and specifications, if any, submitted herewith and the following specifications:
 Location 45 Water Street
 Owner's or Lessee's name and address Burnham & Morrill Co., 45 Water St. Ward 89 Within Fire Limits? no Dist. No. _____
 Contractor's name and address Owner Telephone _____
 Architect _____ Telephone _____
 Proposed use of building Warehouse Plans filed Yes No. of sheets 2
 Other buildings on same lot Factory No. families _____
 Estimated cost \$1500. Fee \$ 3.75

Description of Present Building to be Altered
 Material frame No. stories 1 Heat _____ Style of roof _____
 Last use Warehouse Roofing asphalt roofing
 No. families _____

General Description of New Work

To construct a one story addition 26' x 138' to warehouse No. 4 at the Burnham & Morrill plant as indicated on plan attached, this addition to be used for storage of second hand and surplus machinery on account of seasonal business. The wall between the present warehouse and the proposed addition will be completely masonry and tightly covered on the addition side with new galvanized metal not less than 26 gauge, this covering to include lapping the metal with new door jams and door heads extending thru to the present warehouse side leaving the metal around in this dividing wall will be equipped with metal covered frames and automatic closing doors, the doors to be covered on the addition side similarly to the wall strips and the metal to be run around all edges and securely fastened on the present warehouse side of the doors. Doors will be equipped with fusible links the fusing of which will operate closing devices.

REQUIREMENT OF OCCUPANCY
 INSPECTION BEFORE ENTERING
 OR CLOSING IN IS WAIVED

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

Material hemlock, spruce
 Size, front dresser full size depth _____
 To be erected on solid or filled land? solid No. stories _____ Height average grade to top of plate 0'
 Material of foundation concrete piers Height average grade to highest point of roof 12'
 Material of underpinning _____ earth or rock? earth
 Kind of Roof pitch shed Thickness, top 12" bottom 24"
 No. of chimneys none Rise per foot 1" Roof covering asphalt roofing Class C Und. Lab.
 Kind of heat none Material of chimneys _____ Thickness _____
 Corner posts 6x8 Type of fuel _____ of lining _____
 Sills 6x8 Girt or ledger board? _____ Is gas fitting involved? _____
 Material columns under girders _____ Size _____
 Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof span over 8 feet: Sills and corner posts all one piece in cross section. Max. on centers _____
 Joists and rafters: _____
 On centers: 1st floor 6x8 8 2nd _____ 3rd _____
 Maximum span: 1st floor 16' 2nd _____ 3rd _____, roof 8x10'
 If one story building with masonry walls, thickness of walls? _____, roof 16'
 _____, roof 20'
 _____ height? _____
 No. cars now accommodated on same lot _____
 Total number commercial cars to be accommodated _____
 Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? _____
 Will above work require removal or disturbing of any shade 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

Miscellaneous

Signature of owner [Signature] by [Signature]
 Burnham & Morrill Co.

INSPECTION COPY



APPLICATION FOR PERMIT TO REPAIR BUILDING

PERMIT ISSUED
MAR 2 1933

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.
The undersigned hereby applies for a permit to repair the following described building in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location 45 Water Street Portland, Maine, March 2, 1933
 Owner's name and address Burnham & Morrill Co., 45 Water St. Ward 9 Within fire limits? no Dist. No. _____
 Contractor's name and address Googins & Clark, 46 Portland St. Telephone 841-W
 Use of building Storehouse sq. ft. _____ Style of roof flat

No. stories 2 Height _____ ft. Gross area _____
 Type of present roof covering tar and gravel
 General Description of New Work No alteration.

CERTIFICATE OF OCCUPANCY
REQUIREMENT IS WAIVED.

New roof 6x12 hard pine
dressed - 8x8 posts hard
pine - 12' - 14' 6" span
partitions - sheathing

To Repair after Fire to former condition. _____ sq. ft.
 If Roof Covering is to be Repaired or Renewed _____ sq. ft.
 When last repaired? _____ Area then repaired _____ sq. ft.
 Are repairs or renewal due to damage by fire? yes If so, what area damaged? _____ sq. ft.
 Area of roof to be repaired now? portion
 Type of roofing to be used tar and gravel No. plies 5
 Trade name and grade of roof covering to be used _____
 Estimated cost \$ 2,000. Fee \$ 3.75

Signature of owner By W. H. Clark
 Burnham & Morrill Co.
 By Googins & Clark

F3 44A

INSPECTION COPY



INDUSTRIAL ZONE

APPLICATION FOR PERMIT

PERMIT ISSUED

Class of Building or Type of Structure

Second Class

2050

Portland, Maine, November 22, 1932

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to erect 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: 45 Water Street

Ward 9

Within Fire Limits? no

Dist. No.

Owner's or Lessee's name and address

Burnham & Morrill Co., 45 Water St.

Contractor's name and address

Owner

Architect's name and address

Proposed use of building Dehydrating Plant

Other buildings on same lot

Plans filed as part of this application? no

No. families

Estimated cost \$ 600.

No. of sheets

Material Tuscon steel

Description of Present Building to be Altered

Fee \$ 1.00

No. stories 1

Heat

Style of roof pitch

Roofing metal

Last use

Dehydrating Plant (fish meal)

No. families

General Description of New Work

To bolt 2x4 timbers to sides of existing angle iron frame of roof (lengthwise of bldg.) and board over roof and cover same with asphalt roofing (acid used in building corrodes bolts and roof baw off in storm) - bldg 60' x 40' x 10'

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by the heating contractor.

NOTIFICATION BEFORE LATHING OR CLOSING-IN IS WAIVED. CERTIFICATE OF OCCUPANCY REQUIREMENTS IS WAIVED.

Details of New Work

Size, front depth

No. stories

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

Material of underpinning

Height

Thickness

Kind of Roof

Rise per foot

Roof covering Asphalt roofing Glass G Und. Lab.

of lining

No. of chimneys

Material of chimneys

Is gas fitting involved?

Kind of heat

Type of fuel

Size

Corner posts

Sills

Girt or ledger board?

Size

Material columns under girders

Size

Max. on centers

Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof span 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

If one story building with masonry walls, thickness of walls?

height?

If a Garage

No. cars now accommodated on same lot

to be accommodated

Total 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 above work require removal or disturbing of any shade 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

Burnham & Morrill Co.

Leo D. Morrill Pres.



INDUSTRIAL ZONE

APPLICATION FOR PERMIT

ISSUED
Permit No. 0341
APR 9 1932

Class of Building or Type of Structure First Class

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

Portland, Maine, April 5, 1932

The undersigned hereby applies for a permit to ~~erect~~ 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 40 Water Street Rear

Owner's or Lessee's name and address Burnham & Morrill Co., 45 Water St. Ward 9 Within Fire Limits? no Dist. No. _____

Contractor's name and address Owner Telephone F-1267

Architect's name and address _____ Telephone _____

Proposed use of building Garage No. families _____

Other buildings on same lot Warehouse No. of sheets 1

Plans filed as part of this application? yes Fee \$ 1.00

Estimated cost \$ _____

Description of Present Building to be Altered
Material metal No. stories 1 Heat _____ Style of roof _____ Roofing _____
Last use boiler house No. families _____

General Description of New Work
To move building 4' x 30' app. 200' to new location on same property (metal with angle iron frame)

NOTIFICATION BEFORE LATHING OR CLOSING IN IS WAIVED.

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

Size, front _____ depth _____ No. stories _____ Height average grade to top of _____
To be erected on solid or filled land? solid Height average grade to highest point of roof _____
Material of foundation concrete trench wall or piers earth or rock? earth

Material of underpinning _____ thickness, top _____ bottom _____
Kind of Roof _____ Height _____ Thickness _____
No. of chimneys _____ Rise per foot _____ Roof covering _____

Kind of heat _____ Material of chimneys _____
Corner posts _____ Type of fuel _____ of lining _____
Material columns under girders _____ Sills _____ Girt or ledger board? _____ Is gas fitting involved? _____

Studs (outside walls and carrying partitions) 2x4-10" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof _____
Sills and corner posts all one piece in cross section. Max. on centers _____
Joists and rafters _____
On centers: 1st floor lumber 2nd concrete later _____

Maximum span: 1st floor _____, 2nd _____, 3rd _____, roof _____
If one story building with masonry walls, thickness of walls? 1st floor _____, 2nd _____, 3rd _____, roof _____

No. cars now accommodated on same lot: no If a Garage (two small trucks at No. 45) _____
Total number commercial cars to be accommodated _____, to be accommodated 5

Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? no

Miscellaneous
Will above work require removal or disturbing of any shade 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 By Burnham & Morrill Co.
Geo. Morrill, Pres.

CHIEF OF BUREAU

78



APPLICATION FOR PERMIT

Permit No. **0225**

WAP 11 (1922)

Class of Building or Type of Structure Third Class

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

Portland, Maine, March 11, 1932

The undersigned hereby applies for a permit to erect alter ~~install~~ the following building structure ~~equipment~~ in accordance with the Laws of the State of Maine & Building Code of the City of Portland, plans and specifications, if any, submitted herewith and the following specifications:

Location Rear 40 Water Street Ward 9 Within Fire Limits? no Dist. No. _____
Owner's or lessee's name and address Burnham & Morrill Co. 45 Water St. Telephone F 1267
Contractor's name and address Owner Telephone _____
Architect's name and address _____ Telephone _____
Proposed use of building _____
Other buildings on same lot _____ No. families _____
Plans filed as part of this application? _____ No. of sheets _____
Estimated cost \$ _____

Description of Present Building to be Altered

Material wood No. stories 1 Heat _____ Style of roof _____ Roofing _____
Last use Shop - (orig. shower room for soldiers) No. families _____

General Description of New Work

To demolish building app 20' x 23'

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

Size, front _____ depth _____ Height average grade to top of plate _____
To be erected on solid or filled land? _____ No. stories _____ Height average grade to highest point of roof _____
Material of foundation _____ earth or rock? _____
Material of underpinning _____ Thickness, top _____ bottom _____
Kind of Roof _____ Rise per foot _____ Height _____ Thickness _____
No. of chimneys _____ Roof covering _____
Kind of heat _____ Material of chimneys _____
Corner posts _____ Type of fuel _____ of lining _____
Material columns under girders _____ Sills _____ Girt or ledger board? _____ Is gas fitting involved? _____
Studs (outside walls and carrying partitions) 2x4-16" O.C. Girders 6x8 or larger. Bridging in every floor and flat roof
span 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 _____
If one story building with masonry walls, thickness of walls? _____ height? _____

If a Garage

No. cars now accommodated on same lot _____, to be accommodated _____
Total 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 above work require removal or disturbing of any shade 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 Burnham & Morrill Co.

By Leot Morrill Pres.

6988A

#0616A-I

Copy to Burnham & Morrill Co., 45 Water St.,
Eastern Oil Equipment, Inc.
131 Marginal Way
Portland, Maine
Gentlemen:

December 8, 1931

Enclosed herewith is permit covering installation of two oil burners
for Burnham & Morrill Company at 45 Water Street.

Upon the application, you have stated that there will be an operator
always in attendance upon these burners when it is operating, in other words
that it is an industrial burner as distinguished from a domestic burner.

Your attention is called to the fact that the term "constantly in
attendance" means that there is an engineer or fireman to be always in the
boiler room when the burners are in operation, and that such an employee
should not have any duties that take him outside of the boiler room while
the burners are likely to be in operation. I am giving a copy of this
letter to Burnham & Morrill Company, and are calling your attention par-
ticularly to this fact because the installation in attendance of this type of burner
without such an operator constantly in attendance is very likely to effect
the insurance rates of the owners of the building.

Please exercise special care to see that this installation through-
out is made fully in accordance with Sections 1 to 10 inclusive of the
regulations of the National Board of Fire Underwriters for the installation
of oil burning equipment, which is a part of our own Building Code. There
is one exception to this in that the Building Code in Section 349, which was
sent to you a short time ago, requires a slightly less fire protection around
the tanks than the Underwriters' regulations. If you do not have a copy of
the Underwriters' regulations of Sections 1 to 10, we shall be glad to furnish
you a copy upon request.

WJ/RC

Very truly yours,

Inspector of Buildings.

FILL IN COMPLETELY AND SIGN WITH INK

Permit No. 2465
DEC 3 1931

APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

Portland, Maine, December 3, 1931

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 15 Water Street Use of Building Factory Ward 9
Name and address of owner Burnham & MURPHY CO. Telephone 5-835
Contractor's name and address Eastern Oil Equipment, Inc. 131 Marginal Way Telephone 5-2244

To install two OIL Burners General Description of Work

Is heater or source of heat to be in cellar? yes If not, which story _____
Material of supports of heater or equipment (concrete floor or what kind) concrete Kind of concrete
Minimum distance to wood or combustible material, from top of boiler or casing top of furnace, _____
from top of smoke pipe _____, from front of heater _____ from sides or back of heater _____

Name and type of burner Enterprise IF OIL BURNER Labeled and approved by Underwriters' Laboratories? yes
Will operator be always in attendance? yes Type of oil feed (gravity or pressure) pressure
Location oil storage outside underground No. and capacity of tanks 1 - 20,000
Will all tanks be more than seven feet from any flame? yes How many tanks fireproofed? no

Amount of fee enclosed? 1.50 (\$1.00 for one heater, etc., 50 cents for each additional heater, etc., in building at same time.)
Signature of contractor R. M. Hill Extra charge for equipment, etc., in building at same time. _____

INSPECTION COPY

NOTIFICATION BEFORE LEAVING
OR CLOSING IN IS WAIVED
REQUIREMENTS IS WAIVED

Ward 9 Permit No. 31/3465
 Location 45 Water St
 Owner Buchanan + Mill Co
 Date of permit 12/3/31
 Notif. closing-in
 Inspn. closing-in
 Final Notif.
 Final Inspn. 4/12/32 (about) O.T.
 Cert. of Occupancy issued None

NOTES

12/29/31 Not started. O.B.

1. Kind of heat	Steam
2. Label	
3. Anti-phono	
4. Oil storage	
5. Tank distance	
6. Vent pipe	
7. Fill pipe	
8. Gauge	
9. Rigidity	
10. Feed safety	
11. Pipe sizes & material	
12. Control valve	
13. Ash pit vent	
14. Temp. or pressure safety	
15. Instruction card	

1/21/32 Not started. O.B.
 2/10/32 Same. O.B.
 2/17/32 Putting in firebrick

6/26/30. One burner partly set up; working on pump and piping. O.B.
 3/2/32. Same. O.B.
 3/8/32 Check Vent about 10' above grade level.
 3/25/32. Foreman explained manner in which this may be shut down in case of fire, there are 3 or 4 points in the building and a control outside all property instructions as to operation. O.B.
 Three points of remote control, one in alley toward rear of engine room and boiler room. O.B.

General Description of Work

(B) INDUSTRIAL ZONE PERMIT ISSUED

(1) INDUSTRIAL ZONE

Permit No. 2361

NOV 17 1931

APPLICATION FOR PERMIT

Class of Building or Type of Structure Sign

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

Portland, Maine, November 16, 1931

The undersigned hereby applies for a permit to erect ~~also 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 45 Water Street Ward 9 Within Fire Limits? NO Dist. No. _____

Owner's or Lessee's name and address Burnham & Merrill Co., 45 Water St. Telephone _____

Contractor's name and address G. I. Brink, Inc. Telephone _____

Architect's name and address _____ Telephone _____

Proposed use of building _____

Other buildings on same lot _____ No. families _____

Plans filed as part of this application? yes No. of sheets 1

Estimated cost \$ _____ Fee \$ 1.00

Description of Present Building to be Altered

Material brick No. stories 3 Heat _____ Style of roof _____ Roofing _____

Last use factory No. families _____

General Description of New Work

To erect roof sign as per plan submitted sign to be all metal construction

NOTIFICATION BEFORE LATHING OR CLOSING-IN IS WAIVED
CERTIFICATE OF OCCUPANCY REQUIREMENT IS WAIVED

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

Size, front _____ depth _____ No. stories _____ 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 _____ earth or rock? _____

Material of underpinning _____ Thickness, top _____ bottom _____

Kind of Roof _____ Height _____ Thickness _____

No. of chimneys _____ Rise per foot _____ Roof covering _____

Kind of heat _____ Material of chimneys _____ of lining _____

Corner posts _____ Type of fuel _____ Is gas fitting involved? _____

Sills _____ Girt or ledger board? _____ Size _____

Material columns under girders _____ Size _____ Max. on centers _____

Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof span 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 _____

If one story building with masonry walls, thickness of walls? _____ height? _____

If a Garage

No. cars now accommodated on same lot _____, to be accommodated _____

Total 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 above work require removal or disturbing of any shade 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 Burnham & Merrill Co.
G. I. Brink, Inc.

By Cumberland County P. & L. Co.
G. I. Brink, Inc.

By G. I. Brink, Inc.

Handwritten initials



APPLICATION FOR PERMIT

Permit No.
AUG 28 1931

Class of Building or Type of Structure Third Class
Portland, Maine, August 28, 1931

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to erect ~~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 50 Water Street
Ward 9 Within Fire Limits? no Dist. No.
Owner's or Lessee's name and address Burnham & Morrill Co., 45 Water St.
Contractor's name and address The Fels Co., 42 Union St. Telephone
Architect's name and address Telephone F 198
Proposed use of building Warehouse
Other buildings on same lot No. families
Plans filed as part of this application? yes No. of sheets 1
Estimated cost \$ 2500. Fee \$ 5.75

Description of Present Building to be Altered
Material wood No. stories 1-2 Heat Style of roof Roofing
Last use Warehouse No. families

General Description of New Work
To install wet pipe sprinkler system with alarm valve in entire building

NOTIFICATION BEFORE LATHING
OR CLOSING-IN IS WAIVED.
CERTIFICATE OF OCCUPANCY
REQUIREMENT IS NOT APPLICABLE

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

Size, front depth Height average grade to top of plate
To be erected on solid or filled land? No. stories Height average grade to highest point of roof
Material of foundation earth or rock?
Material of underpinning Thickness, top bottom
Kind of Roof Height Thickness
No. of chimneys Rise per foot Roof covering
Kind of heat Material of chimneys of lining
Corner posts Type of fuel Is gas fitting involved?
Sills Girt or ledger board? Size
Material columns under girders Size Max. on centers
Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof span 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
If one story building with masonry walls, thickness of walls? height?

If a Garage

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

Miscellaneous

Will above work require removal or disturbing of any shade 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
By The Fels Co.
By B. E. Jackson



(A) INDUSTRIAL ZONE
APPLICATION FOR PERMIT

PERMIT ISSUED
1.530
1921

Class of Building or Type of Structure Third Class

Portland, Maine, August 18, 1921

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to erect 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 Water Street Ward 9 Within Fire Limits? no Dist. No. _____
Owner's or Lessee's name and address Burnham & Morrill Co. Telephone _____
Contractor's name and address Gogins & Clark, 46 Portland Street Telephone F 841-W
Architect's name and address _____
Proposed use of building Storage Warehouse No. families _____
Other buildings on same lot _____
Plans filed as part of this application? yes No. of sheets 4
Estimated cost \$ 4000. Fee \$ 3.75

Description of Present Building to be Altered

Material wood No. stories 1 Heat steam Style of roof flat Roofing tar and gravel
Last use storage warehouse No. families _____

General Description of New Work

To remove wooden floor in one story storage warehouse and construct new concrete floor on new fill; to construct foundation wall and concrete floor for future addition to the warehouse; to construct concrete loading platform on the track side of the warehouse, all as shown on plans submitted.

NOTIFICATION BEFORE LATHING OR CLOSING-IN IS WAIVED.

It is understood that this permit does not include installation of heating apparatus which is to be taken out by the heating contractor.

CERTIFICATE OF OCCUPANCY REQUIREMENT IS WAIVED and in the name of

Details of New Work

Size, front _____ depth _____ No. stories _____ Height average grade to top of plate _____
To be erected on solid or filled land? _____ earth or rock? _____
Material of foundation _____ Thickness, top _____ bottom _____
Material of underpinning _____ Height _____ Thickness _____
Kind of Roof _____ Rise per foot _____ Roof covering _____
No. of chimneys no Material of chimneys _____ of lining _____
Kind of heat no change Type of fuel _____ Is gas fitting involved? _____
Corner posts _____ Sills _____ Girt or ledger board? _____ Size _____
Material columns under girders _____ Size _____ Max. on centers _____
Studs (outside walls and carrying partitions) 2x1-16" O.C. Girders 6x8 or larger. Bridging in every floor and flat roof span 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 _____
If one story building with masonry walls, thickness of walls? _____ height? _____

If a Garage

No. cars now accommodated on same lot _____, to be accommodated _____
Total 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 above work require removal or disturbing of any shade 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

APPLICANT'S COPY

D. J. Gogins

Signature of owner Burnham & Morrill Co.
By Gogins & Clark

By _____

36274