

February 16, 1956

Harry W. Marr, Chief of Fire Department

Albert J. Sears, Deputy Inspector of Buildings

Installation of open sprinklers along outside wall towards Fox Street  
of building at 34 Diamond Street.

In connection with a recent addition to this building, the existing sprinkler system is being extended to cover the addition. Because one wall of the building is only 20 feet from the lot line instead of the minimum of 50 feet required for a building of this class of construction and large area, Section 302g1.1(d) of the Building Code specifies that this side of the building shall be protected by a system of open sprinklers of coverage and design approved by you. Is the arrangement shown on the accompanying plan acceptable?

I note that apparently the Factory Mutuals have approved the design on the basis that it shall be a non-freeze system and that cornice sprinklers shall be used instead of the pendant spray sprinklers indicated on plan.

Deputy Inspector of Buildings

AJS/t

*Full*  
INQUIRY BLANK

ZONE (1) INDUSTRIAL ZONE

FIRE DIST. 1A

CITY OF PORTLAND, MAINE  
DEPARTMENT OF BUILDING INSPECTION

~~VERSAT~~ By Telephone \_\_\_\_\_ Date \_\_\_\_\_

LOCATION (20-38 Diamond St.)  
118 Smith Street OWNER Saco-Moc Shoe Factory

MADE BY Arthur Shulkin of Saco-Moc Shoe and - TEL. \_\_\_\_\_  
Paul McLellan of Paul McLellan Co. 52 Marginal Way  
ADDRESS \_\_\_\_\_

PRESENT USE OF BUILDING Factory

CLASS OF CONSTRUCTION \_\_\_\_\_ NO. OF STORIES 1

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

INQUIRY: May the two outside platforms be enclosed using wooden studs in the  
exterior walls?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ANSWER: Gold Mr. Shulkin enclosing walls  
would have to be all incombustible  
material and enclosure would  
have to be sprinklered, which he  
says they are now. Permit would  
be needed and application to  
have plan of details.  
" 0

DATE OF REPLY 10/4/51 REPLY BY [Signature]



(1) INDUSTRIAL ZONE  
APPLICATION FOR PERMIT

PERMIT ISSUED  
OCT 15 1951  
CITY of PORTLAND

Class of Building or Type of Structure \_\_\_\_\_

Portland, Maine, October 10, 1951

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

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

Location 148 Smith Street (20-35 Raymond St) Within Fire Limits? yes Dist. No. \_\_\_\_\_  
 Owner's name and address Jacob Realty Co., 148 Smith Street Telephone \_\_\_\_\_  
 Lessee's name and address Saco Moc Shoe Corp., 148 Smith Street Telephone \_\_\_\_\_  
 Contractor's name and address Samuel Aceto & Co., 40 Preble Street Telephone \_\_\_\_\_  
 Architect \_\_\_\_\_ Specifications yes Plans no No. of sheets \_\_\_\_\_  
 Proposed use of building Factory No. families \_\_\_\_\_  
 Last use \_\_\_\_\_ " \_\_\_\_\_ No. families \_\_\_\_\_  
 Material \_\_\_\_\_ No. stories 1 Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_  
 Other buildings on same lot \_\_\_\_\_  
 Estimated cost \$ 1,000. Fee \$ 4.00

General Description of New Work

To enclose the entire outline now open of both shipping and receiving platforms with wooden frame construction, as per specifications attached.

CERTIFICATE OF OCCUPANCY  
REQUIREMENT IS WAIVED

Permit Issued with Letter

Appeal sustained 10/12/51

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor. PERMIT TO BE ISSUED TO ~~applicant~~ Saco Moc Shoe Corp.

Details of New Work

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

Jaco Realty Co.  
Saco Moc Shoe Corp.

10/12

Signature of owner by: Arthur Shelden

INSPECTION COPY

NOTES

~~11-14-51. South enclosure work.  
~~What enclosure not properly  
constructed. Corners are 2'-2" x 4" posts  
not constructed or set by equal 4x4  
Outside walls are 2'-2" x 4" in 4" centers  
with horizontal 2x4's between on 2'-9"  
spacing, etc.~~~~

\* P/16/17. Decided to let  
the above discrepancy  
go and see what happens  
as to removal of panels  
in the spring here.

Permit No. 511 2043  
Location 145 South St.  
Owner John W. Mac Lane Corp.  
Date of permit 10/15/51  
Notif. closing-in  
Inspn. closing-in  
Final Notif.  
Final Inspn. \* 11-14-51. SDC,  
(Cert. of Occupancy issued) *Prime*

AP 148 Smith Street

October 15, 1951

Saco Moe Shoo Corp.  
Att: Mr. Shulkin  
148 Smith Street  
Portland, Maine

Copy to, Samuel Aceto & Co.,  
40 Preble Street

Gentlemen:

Your appeal under the Building Code having been granted, a building permit to cover storm enclosures of two existing open platforms at 148 Smith Street, is issued, subject to the following. If these conditions are not understood, or, if you are unable or unwilling to comply with them, it is important that you refrain from starting the work and that you contact this office for adjustment.

1. The Municipal Officers granted your appeal with the understanding that both platforms are now fully protected by effective automatic sprinkler heads operated from the system inside the building, and properly protected against freezing temperatures. The permit is issued on the basis that this is the case.

2. The specifications for enclosures of the two separate platforms appear to be different. In the case of both enclosures the 2x4 studs are to be upright and not more than 16" from center to center. At the exterior corners the sections are to be so erected that there will be at least doubled 2x4 uprights at the corner.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMD/B

AP 148 Smith Street-I

October 8, 1951

Saco Moc Shoe Corporation  
Attn: Mr. Shulkin  
148 Smith Street  
Portland, Maine

Copy to: Corporation Counsel

Gentlemen:

The building permit intended to cover enclosing the edges now open of both shipping and receiving platforms of Saco Moc factory at 148 Smith Street, is not issuable under the Building Code because the property is located in Fire District No. 1A, and the enclosing walls are proposed to be of wooden frame construction contrary to the provisions of Section 403 of the Building Code applying to this Fire District.

You have indicated your desire to seek an exception from the Board of Municipal Officers (Board of Appeals under the Building Code); so, there is enclosed an outline of the appeal procedure.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMcD/C

Enclosure: Outline of appeal procedure

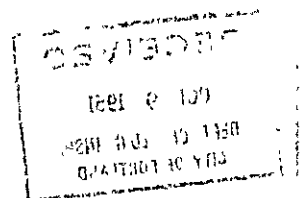
SPECIFICATIONS FOR CONSTRUCTION OF TEMPORARY WINTER ENCLOSURES FOR  
LOADING PLATFORMS AT THE SACO-MOC SHOE CO., - PORTLAND, MAINE.

Two loading platforms are to be enclosed, one located on the South side, the other on the West side.

The small loading platform on the South side is to be enclosed using 2 X 4 studs, 16" on center and matched boards on exterior. Install in the two center bays, two overhead doors, one section to be glazed. This platform is now enclosed on three sides with brick walls and has a plank floor and a plank roof supported by structural steel beams.

The larger platform on the West side is open on three sides and has a <sup>wood</sup> concrete floor and a wood plank roof supported by structural steel. The three sides to be enclosed by building up sections 4' 0" wide of 2 X 4 studs and wood sheathing. The sections to be bolted together for easy dismantling.

Provide two sliding doors made from 2 X 4 studs and wood sheathing. Provide one access door to exterior wood steps to platform.



City of Portland, Maine  
Municipal Officers  
BUILDING CODE

*Sustained  
10/2/51*

*51/89*

October 10, 19 51

To the Municipal Officers:

Your appellant, Saco Moc She Corporation, who is the owner of property at 148 Smith Street, respectfully petitions the Municipal Officers of the City of Portland to permit an exception to the provisions of the Building Code relating to this property, as provided by Section 115, Paragraph A of said Building Code.

Permit to cover enclosing edges now open of shipping and receiving platforms is not issuable under the Building Code because this property is located in Fire District No. 1A, and the enclosing walls are proposed to be of wooden frame construction contrary to provisions of Section 403 of the Building Code.

The facts and conditions which make this exception legally permissible are as follows:

An exception is necessary in this case to avoid practical difficulty and unnecessary hardship and can be granted without substantially departing from the intent and purpose of the Building Code.

c Saco-Moc Shoe Corporation  
By *Arthur L. Shelden*  
Appellant

After public hearing held on the 12th day of October, 19 51, the Municipal Officers find that an exception is necessary in this case to avoid practical difficulty and unnecessary hardship and can be granted without substantially departing from the intent and purpose of the Building Code.

It is, therefore, determined that exception to the Building Code may be permitted in this specific case.

*Robert L. G. [unclear]*  
*H. [unclear]*  
*Seward A. Cole*  
*Edward J. Colley*  
*William F. O'Brien*  
*John W. Lake*  
MUNICIPAL OFFICERS



DATE: October 12, 1951

HEARING ON APPEAL UNDER THE ZONING ORDINANCE OF SACO\*MOO SHOE CORPORATION  
AT 148 Smith Street

Public hearing on above appeal was held before the Municipal Officers.

<u>Board of Appeals</u>	<u>VOTE</u>		<u>Municipal Officers</u>
	Yes	No	
	(x)	( )	Mr. Getchell
	(X)	( )	Mr. Colley
	(x)	( )	Mr. O'Brion
	(x)	( )	Mr. Luthe
	(x)	( )	Mr. Cole
	(x)	( )	Mr. Lake
	( )	( )	
	( )	( )	
	( )	( )	

Record of Hearing:

No opposition

WARREN McDONALD  
INSPECTOR OF BUILDINGS

On reply refer  
to file AP 148 Smith Street-I

FU

CITY OF PORTLAND, MAINE

Department of Building Inspection

October 8, 1951

Saco Moc Shoe Corporation  
Attn: Mr. Shulkin  
148 Smith Street  
Portland, Maine

Copy to: Corporation Counsel

Gentlemen:

The building permit intended to cover enclosing the edges now open of both shipping and receiving platforms of Saco Moc factory at 148 Smith Street, is not issuable under the Building Code because the property is located in Fire District No. 1A, and the enclosing walls are proposed to be of wooden frame construction contrary to the provisions of Section 403 of the Building Code applying to this Fire District.

You have indicated your desire to seek an exception from the Board of Municipal Officers (Board of Appeals under the Building Code); so, there is enclosed an outline of the appeal procedure.

Very truly yours,

Warren McDonald  
Inspector of Buildings

W McD/G

Enclosure: Outline of appeal procedure

C  
O  
P  
Y



INDUSTRIAL ZONE

APPLICATION FOR PERMIT

Class of Building or Type of Structure \_\_\_\_\_

Portland, Maine, October 5, 1951

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

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

Location 148 Smith Street (60-28 Diamond St) Within Fire Limits? yes Dist. No. 1A
Owner's name and address Saco Moc Shoe Corp., 148 Smith Street Telephone
Lessee's name and address Telephone
Contractor's name and address Paul McLellan, 52 Marginal Way Telephone
Architect Specifications Plans yes No. of sheets 1
Proposed use of building Factory No. families
Last use n No. families
Material masonry No. stories 1 Heat Style of roof Roofing
Other buildings on same lot
Estimated cost \$ 1000. Fee \$ 4.00

General Description of New Work

To enclose two existing loading platforms as per plan.

Refused 10/17/51

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor. PERMIT TO BE ISSUED TO Paul McLellan

Details of New Work

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

Signature lines for approval

Miscellaneous

Will work require disturbing of any tree on a public street?
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

Saco Moc Shoe Corp.

Signature of owner Paul McLellan

NOTES

Refined 1/17/51

Permit No. 511

Location 718 Smith St.

Owner Eric Oscar Blue Corp.

Date of permit 1/51

Notif. closing-in

Inspn. closing-in

Final Notif.

Final Inspn.

Cert. of Occupancy Issued

BP 118-166 Smith Street-1

May 31, 1951

Jaco Realty, Inc.  
Saco-Koa Shoe Corporation  
148 Smith Street  
Portland, Maine

Copies to: Union Mutual Life Insurance Company  
Attn: Mr. Carleton G. Lane, Vice-President  
396 Congress Street

James C. Saunders Associates  
477 Congress Street

Gentlemen:

Issuance of the certificate of occupancy for your new factory at 148-166 Smith Street is and has been delayed because of the report of our inspector as to the loading of a certain part of the roof framing. The purpose of this letter is not only to draw your attention to this question, but to serve as a warning that no more weight of any kind should be added to any part of the roof structure (either hung from below or superimposed above) without securing a new permit therefor from this department and with the application for such a permit filing plans and detailed investigation and design by a competent party to show that the roof will not be overloaded.

All concerned were well aware when the building was being designed that the strength of roof framing and supports was cut down to an irreducible minimum for economy reasons. While the factory was being fitted inside for opening, a decision was apparently reached to change the location of certain conveying equipment of considerable weight from the location originally proposed, where its weight had been taken care of in the original design, to a place where it would have a more detrimental effect upon the roof framing.

We discovered this change only after the conveying equipment had been erected. Upon investigation your architect reported that the conveyor would establish a theoretical overload on some of the beams of about 80 per cent, and he proceeded to design and have installed plates for reinforcing certain of the steel beams thus affected.

We have his investigation and design figures, and we are relying upon them because there has been no opportunity to check them.

Of course the most likely time of maximum load on any part of the roof is in the winter when an exceedingly heavy fall of wet snow may be followed by rain extensive enough to be absorbed and held by the snow but not enough to melt the snow so the water would run off.

The needs of a business like this often call for new equipment such as hoists, storage platforms etc. In most buildings such auxiliary weights may be added to the roof structure without fear of distress, sag or failure; but not this roof. The extensive roof of this building is in a good strategic location for outdoor advertising signs either for the business in the building or other business. It is again emphasized that none of these structures or weights should be added to this roof in any part or at any time without first getting clearance from this department after full details have been supplied.

Very truly yours,

Warren McDonald  
Inspector of Buildings

W McD/G



(1) INDUSTRIAL ZONE

# APPLICATION FOR PERMIT

Class of Building or Type of Structure Installation

Portland, Maine, March 5, 1951

PERMIT ISSUED  
00337  
MAR 9 1951  
CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

N-ESS

The undersigned hereby applies for a permit to ~~erect~~ install the following ~~building~~ 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 specific conditions:

Location 148-166 Smith Street (20-31 W. 11th St.) Within Fire Limits? yes Dist. No. \_\_\_\_\_

Owner's name and address Jaco Realty Co. Telephone \_\_\_\_\_

Lessee's name and address \_\_\_\_\_ Telephone \_\_\_\_\_

Contractor's name and address Leo Wilson, 190 Brackett Street Telephone none

Architect \_\_\_\_\_ Specifications \_\_\_\_\_ Plans yes No. of sheets 1

Proposed use of building Factory No. families \_\_\_\_\_

Last use \_\_\_\_\_ No. families \_\_\_\_\_

Material \_\_\_\_\_ No. stories \_\_\_\_\_ Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_

Other buildings on same lot \_\_\_\_\_

Estimated cost \$ \_\_\_\_\_ Fee \$ 1.00

### General Description of New Work

To install mechanical system of ventilation as per sketch.  
Hood will extend approximately 4" beyond appliances on all sides.

Permit issued with Letter

Health Notices to  Health Officer and those

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor. **PERMIT TO BE ISSUED TO Leo Wilson**

### Details of New Work

Is any plumbing involved in this work? \_\_\_\_\_ Is any electrical work involved in this work? \_\_\_\_\_

Height average grade to top of plate \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_

Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_

Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_

Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_

Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_

No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_ Kind of heat \_\_\_\_\_ fuel \_\_\_\_\_

Framing lumber—Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_

Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_

Girders \_\_\_\_\_ Size \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_

Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.

Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

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

Jaco Realty Co.

Signature of owner by: Leo Wilson

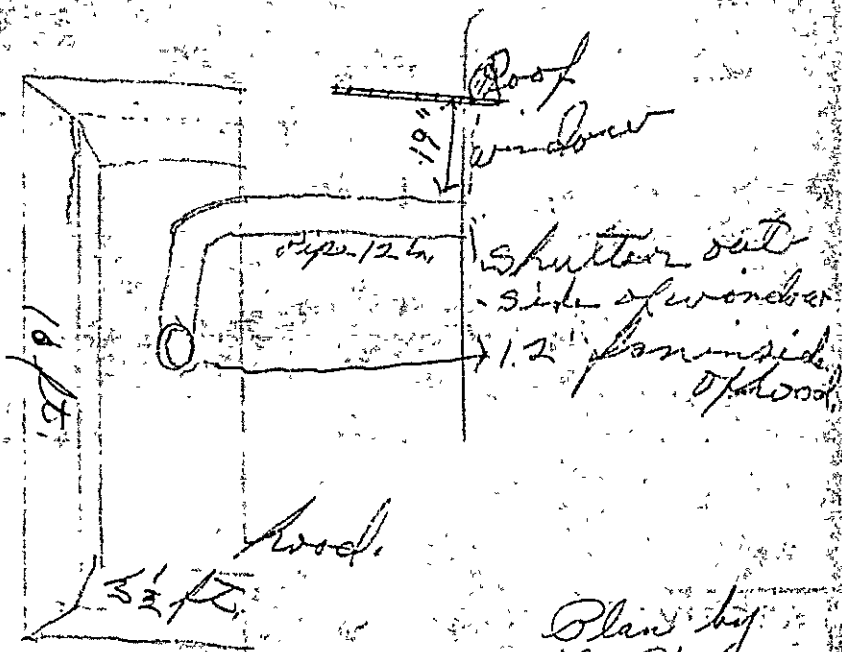
INSPECTION COPY

NOTES

3/9/51 - all work done

Permit No.	51-337
Location	McLure Smith St.
Owner	John O'Grady Co.
Date of Permit	3/9/51
Notif. closing-in	
Inspn. closing-in	
Final Notif.	
Final Inspn.	3/9/51
Cert. of Occupancy issued	none

Notes section with multiple horizontal lines for text entry. A large handwritten 'X' is drawn across the first few lines.



Plan by  
Leo Wilson





FILL IN AND SIGN WITH INK

# APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

Portland, Maine, March 5, 1951

PERMIT ISSUED

00335  
MAR 9 1951

CITY OF PORTLAND

NES S

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 26-38 Diamond St 148-166 Smith Street Use of Building Factory No. Stories 1 New Building Rebuild  
 Name and address of owner of appliance Jacom Realty Co.  
 Installer's name and address A. G. Hecker, 172 Main St., Auburn Telephone \_\_\_\_\_  
 Mail permit c/o of job \_\_\_\_\_

### General Description of Work

To install 2 electric fryers, 1 electric grill and 1 electric range and 1 electric coffee maker

Health Notices to

Health Officer and thus

### IF HEATER, OR POWER BOILER

Location of appliance or source of heat \_\_\_\_\_ Type of floor beneath appliance \_\_\_\_\_  
 If wood, how protected? \_\_\_\_\_ Kind of fuel \_\_\_\_\_  
 Minimum distance to wood or combustible material, from top of appliance or casing top of furnace \_\_\_\_\_  
 From top of smoke pipe \_\_\_\_\_ From front of appliance \_\_\_\_\_ From sides or back of appliance \_\_\_\_\_  
 Size of chimney flue \_\_\_\_\_ Other connections to same flue \_\_\_\_\_  
 If gas fired, how vented? \_\_\_\_\_ Rated maximum demand per hour \_\_\_\_\_

Permit Issued with Letter

### IF OIL BURNER

Name and type of burner \_\_\_\_\_ Labeled by underwriters' laboratories? \_\_\_\_\_  
 Will operator be always in attendance? \_\_\_\_\_ Does oil supply line feed from top or bottom of tank? \_\_\_\_\_  
 Type of floor beneath burner \_\_\_\_\_  
 Location of oil storage \_\_\_\_\_ Number and capacity of tanks \_\_\_\_\_  
 If two 275-gallon tanks, will three-way valve be provided? \_\_\_\_\_  
 Will all tanks be more than five feet from any flame? \_\_\_\_\_ How many tanks fire proofed? \_\_\_\_\_  
 Total capacity of any existing storage tanks for furnace burners \_\_\_\_\_

### IF COOKING APPLIANCE

Location of appliance Kitchen Kind of fuel electric Type of floor beneath appliance concrete  
 If wood, how protected? \_\_\_\_\_  
 Minimum distance to wood or combustible material from top of appliance 10'  
 From front of appliance no wood From sides and back no wood From top of smokepipe \_\_\_\_\_  
 Size of chimney flue \_\_\_\_\_ Other connections to same flue \_\_\_\_\_  
 Is hood to be provided? yes If so, how vented? through window  
 If gas fired, how vented? \_\_\_\_\_ Rated maximum demand per hour \_\_\_\_\_

### MISCELLANEOUS EQUIPMENT OR SPECIAL INFORMATION

Amount of fee enclosed? 4.00 ~~2.25~~ (\$2.00 for one heater, etc., 50 cents additional for each additional heater, etc., in same building at same time.)

APPROVED:

.....  
.....  
.....

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

Signature of Installer

*A. G. Hecker*

INSPECTION COPY



AP 148-166 Smith Street-3  
(Installation of cooking  
equipment and ventilating hood)

March 6, 1951

Mr. A. G. Hacker  
c/o Saco-Moc Shoe Factory  
148-166 Smith Street  
Mr. Leo Wilson  
190 Brackett Street

Copies to: Jaco Realty Company  
14 Spring Street  
James C. Saunders & Associates  
477 Congress Street  
Carille Profenna Company  
125 Marginal Way

Gentlemen:

Enclosed to Mr. Hacker is a permit including installation of two electric fryers, one electric grill, one electric range and one electric coffee maker for the Saco-Moc Factory at 148-166 Smith Street; and enclosed to Mr. Wilson is the permit for installation of the protective and ventilating hood and system connected thereto—both issued subject to the following:

It is assumed that Mr. Wilson has secured the approval of the Health Department as to the point of discharge of the ventilating duct from the hood.

His sketch of the hood and ventilating duct and fan does not show the distance from the hood to the nearest wall. If this wall contains no combustible material or there is to be no burnable material within 12" of the edge of the hood, this dimension is then unimportant. If there is to be any wood or other burnable material within 12" of any edge of the hood, then the work of installation should not be started but the permit returned with full information as to the location of the wood or other burnable material and what is to be done to protect it.

The sketch of ventilation system shows the wooden roof sheathing to be 19" above the top of the hood. This is sufficient if that is all of the wood or other burnable material that will be around the duct. Mr. Wilson has said that he intended for the ventilating duct to pass through the metal eave. That is satisfactory from the standpoint of the Building Code if there is no wood or other combustible material around this duct. If there is to be any wood or combustible material anywhere around this duct where it passes through the window or outside wall or otherwise, then the installation of the duct should not be commenced but this office should be contacted for adjustment with full explanation as to how far the wood or other burnable material is to be away and what is to be done to protect it.

The sketch is not clear as to whether or not the duct is to project through the outside wall and extend upwards. If that is to be done, the duct may come close to the metal covered wooden cornice or eaves of the building, and that should be avoided.

If there is any doubt about all of these matters, it would be well to take them up here and get them cleared up before starting the installation.

Very truly yours,

Carren McDonald  
Inspector of Buildings

WGD/S

ELS



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

Portland, Maine, March 3, 1951

PERMIT ISSUED MAR 3 1951 CITY of PORTLAND

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: 166 Smith Street Use of Building: factory No Stories: 2 1 New Building Existing:
Name and address of owner of appliance: Jaco Realty Co.
Installer's name and address: E. S. Boulos Co., 21 Center Street Telephone: 2-3707

General Description of Work

To install 3 electric hot water heaters, one in the office, one in cafeteria and one in toilet

IF HEATER, OR POWER BOILER

Location of appliance or source of heat: first floor Type of floor beneath appliance: concrete
If wood, how protected? Kind of fuel: electric
Minimum distance to wood or combustible material, from top of appliance or casing top of furnace: no woodwork
From top of smoke pipe: no woodwork From front of appliance: no woodwork From sides or back of appliance: no woodwork
Size of chimney flue Other connections to same flue
If gas fired, how vented? Rated maximum demand per hour

IF OIL BURNER

Name and type of burner Labeled by underwriters' laboratories?
Will operator be always in attendance? Does oil supply line feed from top or bottom of tank?
Type of floor beneath burner
Location of oil storage Number and capacity of tanks
If two 275-gallon tanks, will three-way valve be provided?
Will all tanks be more than five feet from any flame? How many tanks fire proofed?
Tot l capacity of any existing storage tanks for furnace burners

IF COOKING APPLIANCE

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

MISCELLANEOUS EQUIPMENT OR SPECIAL INFORMATION

Amount of fee enclosed? 2. 3.00 (\$2.00 for one heater, etc., 50 cents additional for each additional heater, etc., in same building at same time.)

APPROVED: [Signature area]

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

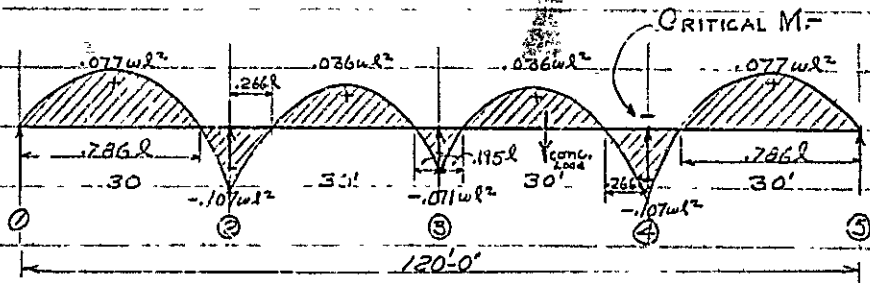
E. S. Boulos Co.

Signature of Installer by: E. S. Boulos Co. by Edward J. Colby

INSPECTION COPY



# CALCULATION OF REINFORCING PLATES for 12" B PURLINS - JACO REALTY



Load: Dead =  $76.5 \text{ \#/lin.ft. of purlin}$

Live =  $240.0 \text{ " " "}$

Total Unit Load =  $316.5 \text{ \#/ft. of Purlin}$

(Assume purlins simply supported @ 0 & 5)

Then:  $BM_0 = 0$  moment

$BM_{(1-2)} = + 261,000 \text{ lb-in} = 15,100 \text{ psi fibre stress}$

$BM_{(2-3)} = - 342,000 \text{ lb-in} = 19,500 \text{ psi " "}$

$BM_{(3-4)} = + 123,500 \text{ lb-in} = 7,050 \text{ psi " "}$

(Assume live load of conveyor concentrated at center of span (3-4)) =  $100 \text{ \#/ft.} \times 6' = 600 \text{ \#/purlin}$

$BM_{(3-4)} = + .171 \times 600 \times 30 \times 12 = 36,900 \text{ lb-in}$

Check Total  $BM_{(3-4)} = 123,500 \text{ lb-in} \rightarrow$  by uniform load  
 $+ 36,900 \rightarrow$  by concentrated load  
 $+ 160,400 \text{ lb-in} = 9,380 \text{ psi fibre stress ok.}$

$BM_{(4-5)} = - .158 \times 600 \times 30 \times 12 = 34,200 \text{ lb-in} = 19,500 \text{ psi}$

Extreme fibre stress is critical @ 4 =  $19,500 \text{ psi}$   
 $+ 19,500 \text{ psi}$   
 $\rightarrow 39,000 \text{ psi}$

$21,450 \text{ psi}$

$20,000 \text{ psi allowable}$

$1,450 \text{ psi req'd. of } T_b$

RECEIVED  
FEB 17 1951  
DEPT. OF LID'G. INSP.  
CITY OF PORTLAND

③

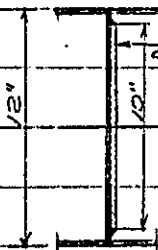
12" B. 16.5,  $\rightarrow I = 105.3$   $S = 17.5$

Total imposed moment = 376,200 lb-in.

$$I = \frac{Mc}{s} = \frac{376,200 \times 6"}{20,000} = 113.0 \text{ req'd moment of inertia}$$

105.3 = I of Purlin

(Use  $\frac{1}{4}$ " plate for welding). 7.7 req'd I of plate.



10" x  $\frac{1}{4}$ " x 3'-4" Plate

$$I = \frac{bd^3}{12} = \frac{(25)(10)^3}{12} = 20.8 \text{ in}^4$$

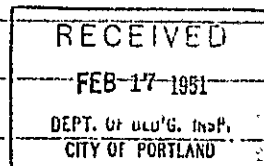
$$S = \frac{bd^2}{6} = \frac{(25)(10)^2}{6} = 4.17$$

$$\begin{aligned} \text{Total } S &= 17.5 \\ &+ 4.2 \\ &\rightarrow 21.7 \end{aligned}$$

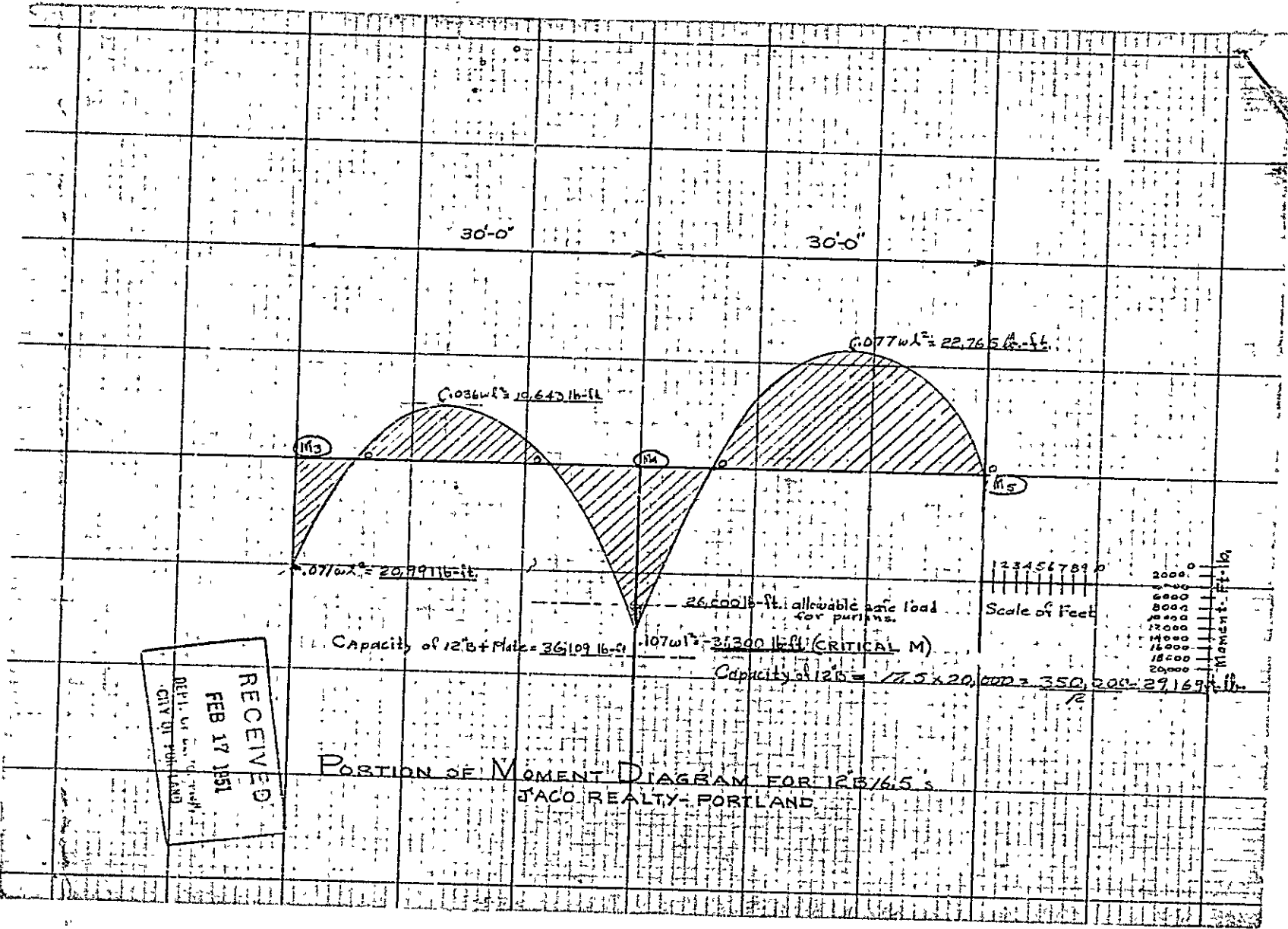
$$\text{Total extreme fibre } f = \frac{M}{S} = \frac{376,200}{21.7} = \underline{\underline{17,350 \text{ p.s.i.}}}$$

stress of 12" B.

Reinforce each 12" B. purlin subject to super-imposed concentrated load by welding 10" x  $\frac{1}{4}$ " x 3'-0" plate to web over first interior support, (point ④)

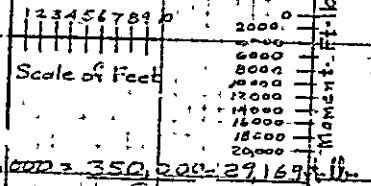


④



RECEIVED  
 FEB 17 1951  
 DEPT. OF CONSTRUCTION  
 CITY OF PORTLAND

POSITION OF MOMENT DIAGRAM FOR 12.3x6.5 S  
 JACO REALTY - PORTLAND







(C) INDUSTRIAL CONCERN

# APPLICATION FOR PERMIT

Class of Building or Type of Structure Sprinkler System

Portland, Maine, February 8, 1951

PERMIT ISSUED

00236  
FEB 12 1951

CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

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

Location 248 Smith Street (2035 Miami St) within Five Limits? yes Dist. No. \_\_\_\_\_

Owner's name and address Jaco Realty Corp., Telephone \_\_\_\_\_

Lessee's name and address \_\_\_\_\_ Telephone \_\_\_\_\_

Contractor's name and address Rockwood Sprinkler Co., 52 Harlow St. Worcester, Mass. Telephone \_\_\_\_\_

Architect \_\_\_\_\_ Specifications \_\_\_\_\_ Plans yes No. of sheets 1

Proposed use of building: Shoe factory No families \_\_\_\_\_

Last use \_\_\_\_\_ " \_\_\_\_\_ No. families \_\_\_\_\_

Material \_\_\_\_\_ No. stories \_\_\_\_\_ Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_

Other buildings on same lot \_\_\_\_\_

Estimated cost \$ \_\_\_\_\_ Fee \$ 1.00

### General Description of New Work

To install automatic sprinkler system 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. PERMIT TO BE ISSUED TO Rockwood Sprinkler Co.  
141 Milk St., Boston, Mass.

### Details of New Work

Is any plumbing involved in this work? \_\_\_\_\_ Is any electrical work involved in this work? \_\_\_\_\_

Height average grade to top of plate \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_

Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_

Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_

Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_

Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_

No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_ Kind of heat \_\_\_\_\_ fuel \_\_\_\_\_

Framing lumber—Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_

Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_

Girders \_\_\_\_\_ Size \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_

Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.

Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

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:

2/12/51 - O.R. Gags

### 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

Jaco Realty Corp.  
Rockwood Sprinkler Co.

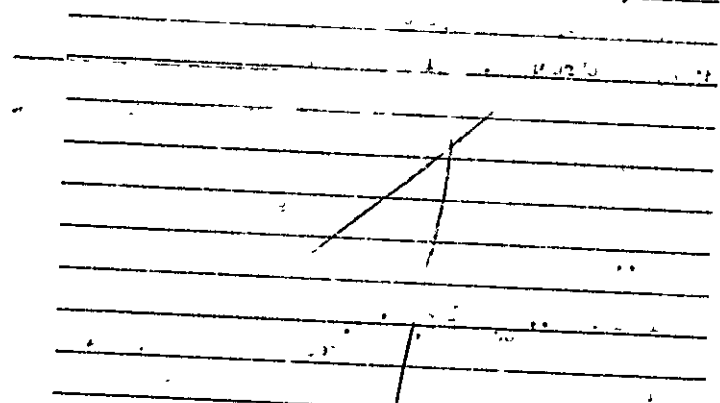
Signature of owner By: John Harding

COPY

PH

NOTES

3/9/51 - work done on 2nd



Lic. No. 511231  
 Location 148 Sun Hill Rd  
 Owner James Gentry Corp.  
 Date of permit 2/12/51  
 Notif. closing-in \_\_\_\_\_  
 Inspn. closing-in \_\_\_\_\_  
 Final Notif. \_\_\_\_\_  
 Final Inspn. 3/9/51  
 Cert. of Occupancy Issued none

HP 116-148 Smith Street-I

February 9, 1951

Mr. C. Clough, District Manager  
Rockwood Sprinkler Company  
141 Milk Street  
Boston 9, Massachusetts

Dear Mr. Clough:

I have your request of February 7 for a supply of applications for building permits to cover installations of sprinkler systems in the City of Portland.

Our Inspector found your crew already engaged in installing the automatic sprinkler system in the new factory of the Jaco Realty Company at 116-148 Smith Street although no permit had been applied for. Perhaps this is the particular job that you have in mind, and I see no reason why your foreman cannot be instructed to come up here and file the application for the permit in person and with the application/layout plans of the sprinkler system bearing upon them the stamp of approval of the New England Fire Insurance Rating Association or equivalent authority.

Our Building Code is clear in the implication that applications for all building permits should be filed in person across the counter here in the office. In order to accommodate various installers of appliances we have tried to make it possible to make out applications in their own offices and send the applications in with the fee by mail. Frankly this has not worked out well even when the installers were in Portland and we have had to discontinue that practice.

We have gone out of our way to cooperate with out of town companies in many instances and probably will again. I am not unduly disturbed about this particular job, but it seems to me that we are not getting the kind of cooperation that we have been trying to give.

Until some better way can be thought of it will be necessary for you to have such permits applied for by some agent across the counter here in the office.

Very truly yours,

Warren McDonald  
Inspector of Buildings

P. S. Your man in charge at Jaco Realty filed application and plans this morning.

WNcD/G

AP 113-166 Smith Street  
(Exhaust system)-1

February 7, 1951

Mr. John Herry, Mgr.  
Saco Mcc Corp.  
14 Spring Street  
Verville & Son  
c/o Saco Mcc Corp.  
14 Spring Street

Copy to: James C. Saunders  
& Associates

Gentlemen:

Building permit for installation of a mechanical exhaust system for Saco Mcc Factory at 113-166 Smith Street is issued to the installer, herewith, without sufficient information to show compliance with the standards of the Building Code upon Mr. Herry's agreement that should it turn out that the dust to be exhausted through this system, combined with air, makes a flammable or explosive mixture, all of the requirements of the Standards of National Board of Fire Underwriters for blower and exhaust systems, relating particularly to non-ferrous or non-sparking fans and casing, to explosion vents and similar safety features will be complied with.

This permit includes the system on the interior of the building, the collector tower on the outside with its foundations, and the duct connecting the two. Most of the material and equipment but the collector tower is coming from the installation in the present Saco Mcc Factory. The gauge of metal in all new ducts will be made to comply with the Standards of the National Board of Fire Underwriters (Pamphlet No. 91).

Very truly yours,

Warren McDonald.  
Inspector of Buildings

WMD/S

Enclosure to Verville & Son: Permit card and copy of application.

AP 148-166 Smith Street-I

January 30, 1951

B. H. Gale Company  
338 Newbury Street  
Boston 15, Massachusetts

Copies to: Verville & Son, 77 Hill St., Auburn, Maine  
Mr. James Saunders, 477 Congress Street  
Jaco Realty Co., Inc., 14 Spring Street

Gentlemen:

We have application for a permit to cover installation of an exhauster system for disposing of dust and waste products by Verville & Son for the new Saco-Pace plant at 148-166 Smith Street in this City, and the installer advises us that your company is to furnish the receiving, separating and collecting tower outside of the building, this tower evidently intended to be of structural steel frame with sheet metal enclosures.

The installer is unable to furnish such in detail of this tower and the enclosure, so, in order to save time I volunteered to write to you for the information we need. We should have a print of the detailed plan showing the sizes and gauge of all members, the method of connecting them, the exterior and gauge of the enclosures, and we shall need a statement of design as required by our Building Code, either attached to the design plan or furnished separately to read as follows:

"This plan, covering the collection system for factory of Saco Realty Company at 148-166 Smith Street in Portland, has been designed and drawn up by the undersigned according to the latest rules of engineering practice and to comply with the allowable working stresses, floor loads, etc., required by the Building Code of the City of Portland."

(Signature) \_\_\_\_\_

By \_\_\_\_\_

Title

It is not anticipated that the weight on the tower is very great, but there is the matter of wind load to be cared for, and to assist the designer of the foundations, you should indicate the uplift at the foundation piers. Allowable tensile stress in new structural steel is 20,000 pounds per square inch and the limiting provisions as to gauge of metal etc. may be found in the specifications of the American Institute of Steel Construction.

Since the structure will be less than 40' above the ground 10 pounds per square foot of exposed area acting on any one side at a time is stipulated, as wind load.

The installer is not quite certain how the collection bin at the bottom of the tower is supported. If hung on the tower its support will be covered by the design of the tower, of course, but if supported upon the ground, the foundations will be required to extend no less than 4' below the surface of the ground as will the piers supporting the four legs of the tower. That point should be made clear in your plan or specifications.

If any field welding is to be done on the tower/enclosure, all welders are required to be certified in this department as having qualified themselves under the procedure of the American Welding Society (that is the only procedure which will do) within one year prior to the date of doing the welding.

B. R. Gale Company \_\_\_\_\_ 2

January 30, 1951

If there is to be welding on this tower in your shops, you should furnish the following statement before the tower arrives in Portland:

"This is to certify that all welding in connection with the dust collection tower for the Jacob Realty Building at 148-166 Smith Street in Portland, Maine, has been designed according to the specifications of the American Welding Society, and that all shop welding has been performed according to the procedure and by properly qualified welders according to the procedure for welding operators set forth in the Code of American Welding Society--within one year of the date of doing the welding on this particular tower."

That the responsible party in charge of these matters should sign the statement.

These people are now in a great hurry to get started and cannot do so until we can issue a building permit. We of course cannot issue the permit until we have all of the details in our possession and time to check them against the requirements of the Building Law.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMBD/G

# B. R. Gale Company

DESIGNERS AND  
MANUFACTURERS OF



*Exhaust & Blow Pipe Systems*

COMMONWEALTH 6-5310  
6-5311

338 NEWBURY ST., BOSTON 15, MASS.

February 2, 1951

City of Portland  
Dept. of Building Inspection  
Portland,  
Maine

Dear Sir:

Attention: Mr. Warren McDonald

We are in receipt of your letter of January 30 in reference to equipment to be installed at the plant of Saco-Moc, Portland, Maine, by Verville & Son, Auburn, Maine, and as per your request we are enclosing herewith our Plan No. B-5105 showing the steel support, dust collector and dust receptacle.

Trusting this is the information you desire, we are,

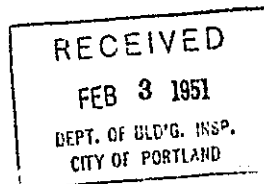
Very truly yours,

B. R. GALE COMPANY,

BY

Encl.

G-D





(1) INDUSTRIAL ZONE

APPLICATION FOR PERMIT

Class of Building or Type of Structure Installation

Portland, Maine, January 29, 1951

PERMIT ISSUED  
FEB 03 1951  
CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

ESS

The undersigned hereby applies for a permit to erect ~~or~~ ~~is~~ ~~to~~ ~~be~~ ~~installed~~ 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 148-166 Smith Street (20-38 Diamond St) Within Fire Limits? no Dist. No. \_\_\_\_\_

Owner's name and address Jaco Realty, Inc. 14 Spring St. Telephone \_\_\_\_\_

Lessee's name and address \_\_\_\_\_ Telephone \_\_\_\_\_

Contractor's name and address Verville & Son, 77 Hill Street, Auburn, Maine Telephone \_\_\_\_\_

Architect \_\_\_\_\_ Specifications \_\_\_\_\_ Plans yes No. of sheets 37

Proposed use of building Factory No. families \_\_\_\_\_

Last use \_\_\_\_\_ No. families \_\_\_\_\_

Material \_\_\_\_\_ No. stories \_\_\_\_\_ Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_

Other buildings on same lot \_\_\_\_\_

Estimated cost \$ \_\_\_\_\_ Fee \$ 1.00

General Description of New Work

To install blower system as per sketch.

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. PERMIT TO BE ISSUED TO Verville & Son

Details of New Work

Is any plumbing involved in this work? \_\_\_\_\_ Is any electrical work involved in this work? \_\_\_\_\_

Height average grade to top of plate \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_

Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_

Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_

Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_

Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_

No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_ Kind of heat \_\_\_\_\_ fuel \_\_\_\_\_

Framing lumber—Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_

Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_

Girders \_\_\_\_\_ Size \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_

Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.

Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

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? \_\_\_\_\_

APPRO

Inspector's signature box with diagonal stamp: EXHAUSTION CODE

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

Jaco Realty, Inc.

Owner by:

Harry Verville (Jr)



NOTES

3/15/51 - Walden, N.S.

*[Handwritten notes, mostly illegible due to blurring and a large diagonal mark. Some faint words like 'truck' and 'box' are visible.]*

Permit No. 511-2218  
 Location 1115/16 Summit St.  
 Owner *James C. Patton, Inc.*  
 Date of Permit 2/7/51  
 Notif. closing-in \_\_\_\_\_  
 Inspn. closing-in \_\_\_\_\_  
 Final Notif. \_\_\_\_\_  
 Final Inspn. 3/15-1  
 Cert. of Occupancy issued *none*

(106) *[Handwritten signature and notes]*



FILL IN AND SIGN WITH INK

### APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

Portland, Maine, October 2, 1950

PERMIT ISSUED  
01842  
OCT 9 1950  
CITY of PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

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 148-166 Smith Street (20-38 Hammond St) Use of Building Shoe Factory No. Stories 1  New Building  Existing  
Name and address of owner of appliance Jaco Realty Company, 148-166 Smith Street  
Installer's name and address Acme Engineering Co., 46 Market Street Telephone 5-0011

#### General Description of Work

To install ~~steam heat~~ oil burning unit with steam heat Heat to Two Bays 10/2/50  
Heat to Green Bay Dept. 10/3/50

#### IF HEATER, OR POWER BOILER

Location of appliance or source of heat First Floor Type of floor beneath appliance concrete  
If wood, how protected? \_\_\_\_\_ Kind of fuel oil  
Minimum distance to wood or combustible material, from top of appliance or casing top of furnace 14'  
From top of smoke pipe 8' From front of appliance over 4' From sides or back of appliance over 3'  
Size of chimney flue 28" diameter steel stack Other connections to same flue none  
If gas fired, how vented? \_\_\_\_\_ Rated maximum demand per hour \_\_\_\_\_

#### IF OIL BURNER

Name and type of burner Enterprise Labeled by underwriter's laboratories?  Yes  
Will operator be always in attendance? \_\_\_\_\_ Does oil supply line feed from top or bottom of tank? top  
Type of floor beneath burner concrete  
Location of oil storage outside underground—see plans of superstructure Number and capacity of tanks 1- 6,500 gallons  
If two 275-gallon tanks, will three-way valve be provided? \_\_\_\_\_  
Will all tanks be more than five feet from any flame? yes How many tanks fire proofed? \_\_\_\_\_  
Total capacity of any existing storage tanks for furnace burners none

#### IF COOKING APPLIANCE

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

#### MISCELLANEOUS EQUIPMENT OR SPECIAL INFORMATION

Tank bears Underwriters Laboratories, Inc. Label and tank will be at least 2' below grade under platform and tank to be encased in concrete.

Permit Issued with Letter BEFORE Covering Tank and any BEFORE OVAL CEILING DEPT Required.

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

VED:

Gene O. Leibold  
CHECKED BY

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

Acme Engineering Company

Signature of Installer By: Acme Engineering Co.  
R. Morton

OPY

PK

No. 50/1842

on 748-166 Smith St.

Inst. Jais Realty Co.

Date of permit 10/8/50

Approved 3/9/51

NOTES

3/9/51 - Work done P. S. S.

1 Fuel Pipe

2 Vent Pipe

3 Kind of Heat

4 Supply Capacity & Supports

5 Flares & Labels

6 Stack Control

7 High Limit Control

8 Remote Control

9 Piping Support & Protection

10 Valves in Supply Line

11 Capacity of Tanks

12 Tank Rigidity & Supports

13 Tank Clearance

14 Oil Gauge

15 Instruction Card

16

AP 148-166 Smith Street-I,  
(Heater and oil burner)

October 3, 1950

James C. Saunders & Associates  
477 Congress Street  
Gamillo Profenno Company  
125 Marginal Way  
Acme Engineering Company  
46 Market Street

Gentlemen:

Permit for installation of steam boiler and oil burning equipment, including fuel oil storage tank for Jaco Healy Company at 148-166 Smith Street (Saco-Moc) is issued to Acme Engineering, and it seems best to call the following details to the attention of all of you:

Mr. Horton of Acme Engineering has called attention to the fact that the fuel oil tank will actually be set on a sand cushion of suitable thickness rather than directly upon the concrete floor of the pit.

It is understood that the sand filling around the tank, the masonry enclosure around the manhole in tank, extending from the tank to the underside of top slab, and the construction of the reinforced concrete slab over the pit is to be by the general construction contractor. Please bear in mind that the top slab over the tank is to be designed for a superimposed load of 150 pounds per square foot. This design is included under the architect's statement of design, and we would like to have a record of it as soon as the design is made.

The space all around the tank in the pit and also the space within the manhole enclosure from the top of the tank to the underside of the top slab is to be completely filled with sand.

Before any essential features, including the label, of the tank or piping is covered from view, notice to the Fire Department of readiness for inspection is necessary and no essential features are to be closed from view until the Fire Department Inspector has looked the job over and given his approval.

No doubt the installer of the oil burning equipment is well aware of the detailed requirements for oil burning equipment, and special attention is called to the requirement for a remote control switch so located that the oil burner may be shut down without any person being exposed to any hazard at the burner assembly. If there is any doubt about the location of this remote control switch, it should be taken up with our inspector on the job.

It is now understood that Acme Engineering is to furnish and erect the steel stack, and that company has included the erection of the stack in the heater permit. We had already reckoned it would be erected by the general contractor but this distinction makes no difference. Mr. Horton has filed a detailed plan of the protection of opening through the combustible roof of the building where the new stack will pass through, as requested in my letter to the contractor when the building permit was issued.

James C. Saunders & Associates  
Camillo Profenno Company  
Acme Engineering Company

October 3, 1950

In line with the requirements of the Building Code as to certification of welders, Mr. Norton of Acme Engineering Company is to secure a written statement from the manufacturers of the fuel oil tank and the stack, who are located outside of the Portland area, saying that all welding in tank and on stack has been or will be performed only by operators who have been qualified under the procedure of the American Welding Society within one year prior to the date of doing the welding, and Mr. Norton is to get this statement signed by the manufacturer of tank and stack (I believe in Gardner, Maine) and file at this office.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WHd/G

(D) INDUSTRIAL ZONE

APPLICATION FOR PERMIT



Class of Building or Type of Structure \_\_\_\_\_ Foundation \_\_\_\_\_

Portland, Maine, August 3, 1950

PERMIT ISSUED

AUG 14 1950

CITY of PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for a permit to erect above ground building 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 148-166 Smith Street (24-30 Marginal St) Within Fire Limits? yes Dist. No. 1A
Owner's name and address Jaco Realty, Inc., 14 Spring Street Telephone
Lessee's name and address Telephone
Contractor's name and address Camillo Profenno Co., 127 Marginal Way Telephone 2-1979
Architect Specifications Plans yes No. of sheets
Proposed use of building Factory No. families
Last use No. families
Material No. stories Ht Style of roof Roofing
Other buildings on same lot
Estimated cost \$ Fee \$ 1.00

General Description of New Work

To excavate and construct foundation only for 1 story brick and metal building 128'x330' 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. PERMIT TO BE ISSUED TO Camillo Profenno Co.

Details of New Work

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

Empty box for notes or comments.

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

Jaco Realty Co.
Signature of Donato Profenno

Signature of owner By:

NOTES

11/10/50 - General construction permit has been issued. E.S.D.

9/13

Permit No. 50/ 1459

Location 1216 1/2 W. 11th St.

Owner Jaco Quality Svc

Date of Permit 8/16/50

Notif. closing-in

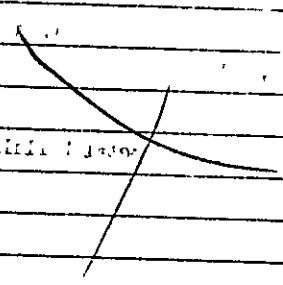
Inspn. closing-in

Final Notif.

Final Inspnt. 11/10/50

Certificate of Compliance issued above

Multiple horizontal lines for notes, some with faint markings.



INSPECTION COPY APPROVED WA



(1) INDUSTRIAL ZONE  
APPLICATION FOR PERMIT

Class of Building or Type of Structure \_\_\_\_\_

Portland, Maine, August 2, 1950

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 148-166 Smith Street (60-30 Diamond St) Within Fire Limits? yes Dist. No. 1A

Owner's name and address Jaco Realty, Inc., 14 Spring Street Telephone \_\_\_\_\_

Lessee's name and address \_\_\_\_\_ Telephone \_\_\_\_\_

Contractor's name and address Camillo Profenno Co., 127 Marginal Way Telephone 2-1979

Architect \_\_\_\_\_ Specifications yes Plans yes No. of sheets 12

Proposed use of building Shoe Factory No. families \_\_\_\_\_

Last use \_\_\_\_\_ No. families \_\_\_\_\_

Material \_\_\_\_\_ No. stories \_\_\_\_\_ Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_

Other buildings on same lot \_\_\_\_\_

Estimated cost \$ ~~150k~~ 155,000. Fee \$ 150.00

General Description of New Work

To construct 1 story 1 brick building and metal building 120'x330' as per plans and specifications

*mortgage*

Permit Issued with Letters

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

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 \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_

Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_

Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_

Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_

Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_

No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_ Kind of heat \_\_\_\_\_ fuel \_\_\_\_\_

Framing lumber—Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_

Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_

Girders \_\_\_\_\_ Size \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_

Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof spaced over 8 feet.

Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

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

If a Garage

No. cars now accommodated on same lot \_\_\_\_\_, to be accommodated \_\_\_\_\_ number commercial cars to be accommodated \_\_\_\_\_

Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? \_\_\_\_\_

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

Jaco Realty Co.  
Camillo Profenno Co.

Signature of owner By: \_\_\_\_\_

*Camillo Profenno Tres PH*

INSPECTION COPY



Permit No 50/1668  
 Location 14 P/166 Smith St.  
 Owner Jacob Realty, Inc.  
 Date of permit 9/13/50  
 Notif. closing in  
 Inspn. closing in  
 Final Notif  
 Final Inspn 3/7/51

Cert. of Occupancy issued <sup>not new</sup>  
 9/31/51

NOTES

11/14/50 - Concrete has been poured + some work has been erected

12/28/50 - Went over various details of construction with persons who went on site with him. H.S. claims that wooden shoring used

has to be used in setting and on walls of line section of the office. They are to get in touch with Mrs Mac Donald before doing any work on this wall + partition.

11/19/51 - Roof covered over. Existing inside partitions. E. S. S.  
 2/7/51 - E. M. Cunningham, installing hot water heaters Rockwood Co. of Boston installing "Sprinkler System" E. S. S.

2/13/51 - N.O.S. proceeding slowly. E. S. S.

3/3/51 - There are no platforms + steps outside the exit doors in each end of building. Doors open or step directly to ground, about 4 or 6 inches. (3 or more)

3/9/51 - Final inspection  
 Cooking devices installed by Boulders, no permits.

- 3/9/51 - Final inspection
1. Sprinkler system
  2. Heat
  3. cooking devices
  4. 3 hot water heaters
  5. Down system
  6. mechanical system of ventilation.
- Certificates to be issued. E. S. S.

COPY



CITY OF PORTLAND, MAINE  
Department of Building Inspection

# Certificate of Occupancy

Issued to **Jaco Realty, Inc.**

Date of Issue ~~March 12, 1951~~  
Actual Date of Issue **January 28, 1952**

This is to certify that the building, premises, or part thereof, indicated below, and built—  
~~located~~ ~~change of use~~ at **148-156 Smith Street**  
under Building Permit No. 50/1668, has had final inspection, has been found to conform substan-  
tially to requirements of Zoning Ordinance and Building Code of the City, and is hereby approved  
for occupancy, limited or otherwise, as indicated below.

PORTION OF BUILDING OR PREMISES:

APPROVED OCCUPANCY

Entire Building

Shoe Factory

Limiting Conditions:  
Subject to letter to Jaco  
Realty, Inc. of May 31, 1951.

This certificate supersedes  
certificate issued

Approved **1/19/52**

*Carl Smith*  
Inspector

*Waverly Gold*  
Inspector of Buildings

CC: Union Mutual Life Insurance Co.

Notice: This certificate identifies lawful use of building or premises, and ought to be transferred from  
owner to owner when property changes hands. Copy will be furnished to owner or lessee for one dollar

BP 148-166 Smith Street-I

February 3, 1951

James C. Saunders & Associates  
477 Congress Street  
Camillo Profenno Company  
137 Marginal Way

Copies to: Jacob Realty, Inc.  
14 Spring Street  
Cartoon Company of Maine  
14 Fessenden Street

Gentlemen:

Amendment #1 to permit 50/1668 covering change in location of loading platform and erection of partitions to provide room for cafeteria in the new building under construction at 148-166 Smith Street is issued herewith. Construction of cafeteria partitions is to be made according to the plan filed February 3, 1951 in which steel angles and channels are used for support of the wood storm dash to be installed between the top of the cinder block walls and the roof construction. No definite information has been furnished as to how this room is to be used, but it is our understanding that there is to be no space within the room where customers will sit down to eat. If plans for use of the room are other than this, a layout plan indicating the manner in which it is to be used is to be furnished for checking before any work is started.

Separate permits issuable only to the actual installers are required for the installation of any cooking equipment and any mechanical ventilation. The Building Code sets up definite requirements as to provision of hoods over cooking equipment and as to the protection of combustible material where the vents from such hoods pass through the roof construction. It is unlawful to start work on the installation of such equipment until a permit therefor has been issued. Issuance of the permit cannot be made until information has been furnished indicating that all requirements of the Building Code are to be met.

Very truly yours,

Warren McDonald  
Inspector of Buildings

AJS/G



# APPLICATION FOR AMENDMENT TO PERMIT

Amendment No. #1

Portland, Maine, January 29, 1951

PERMIT ISSUED

FEB 3 1951

CITY of PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for amendment to Permit No. 50/1668 pertaining to the building or structure comprised in the original application in accordance with the Laws of the State of Maine, the Building Code and Zoning Ordinance of the City of Portland, plans and specifications, if any, submitted herewith, and the following specifications:

Location 118-166 Smith Street (A-2-35) corner of Boyd Street Within Fire Limits? yes Dist No. 1A

Owner's name and address Jaco Realty, Inc., 14 Spring Street Telephone \_\_\_\_\_

Lessee's name and address \_\_\_\_\_ Telephone \_\_\_\_\_

Contractor's name and address Cemillo Profenno Co., 137 Marginal Way Telephone \_\_\_\_\_

Architect \_\_\_\_\_ Plans filed yes No. of sheets 1

Proposed use of building Shoe Factory No. families \_\_\_\_\_

Last use " No. families \_\_\_\_\_

Increased cost of work \_\_\_\_\_ Additional fee .25

### Description of Proposed Work

To erect cinder block and glass partitions to provide cafeteria room, as per plan  
To relocate loading platform from the rear wall to the Boyd Street wall of the building.

Permit Issued with Letter

### Details of New Work

Is any plumbing involved in this work? \_\_\_\_\_ Is any electrical work involved in this work? \_\_\_\_\_

Height average grade to top of plate \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_

Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_

Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_

Material of underpinning \_\_\_\_\_ Height \_\_\_\_\_ Thickness \_\_\_\_\_

Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_

No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_

Framing lumber—Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_

Corner posts \_\_\_\_\_ Sills \_\_\_\_\_ Girt or ledger board? \_\_\_\_\_ Size \_\_\_\_\_

Girders \_\_\_\_\_ Size \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_

Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.

Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_

Approved: \_\_\_\_\_ Jaco Realty, Inc.

with letter by AGS Signature of Owner By: Burtis Brown

Approved: 2/3/51 \_\_\_\_\_

INSPECTION COPY

Inspector of Buildings PH

Inquiry 148-156 Smith Street

July 24, 1950

James C. Saunders & Associates  
477 Congress Street  
Portland, Maine

Copy to, Mr. Saunders  
For owner if desired

Lyman S. Moore, City Manager

Gentlemen:

While there has not been time for a thorough check of the plans and specifications as they went out to bidders for the proposed Saco-Moc shoe factory at 148-156 Smith Street, some features in non-compliance with the Code have been given to Mr. Saunders over the telephone, and a continued check show the following features in non-compliance with the Code or not fully explained. We shall go on with the check in order to be in shape as soon as possible to issue the actual building permit, and if further features are found they will be brought to your attention in another letter.

It is our practice to keep the owner fully informed as to all negotiations with architect or others concerning his building after application for a building permit has been filed. In this case no application has yet been filed, so a copy is enclosed to you to give to the owner if you see fit.

1. With reference to Section 205-e-1 of the Code, requiring no less than two means of egress, only one means of egress, which undoubtedly complies with the Code for means of egress, is discovered in the factory proper, and that the main entrance. Apparently the only others that could possibly be considered is up some steps and out on to the shipping platform without any good means of getting from the platform to the grade in case of emergency and a considerable number of employees involved. Another possible means of egress is via doors leading to and through the storage area and out on to the receiving platform which perhaps could be made acceptable.

Section 212-e-1.2(e), however, has important requirements as to the relative location of the exits, and, if all three of the above were to be counted, their location is not sufficiently balanced to furnish adequate means of egress. This question is also bound up with the question of required aggregate width. It is also to be borne in mind that all assumptions under the Code of means of egress are based on the people to be served being equally distributed to the means of egress, or approximately so. In general 22" of width is to be provided for each 100 persons or fraction more than fifty, but we are able to accept an opening at least 12" wider than 22" as accommodating 150 persons. The four 3' wide doors at the entrance, therefore, would theoretically accommodate 600 people. Actually, however, an emergency is quite possible whereby none of the employees could use the entrance at all as a means of egress.

In building a new building most owners desire to be liberal in the matter of safe means of egress, and to give a basis of discussion, depending upon the arrangement of equipment and distribution of employees, I suggest two door ways at least 3' wide at each end wall, and each door to be as close as possible to the side walls.

It may be that the owners are concerned about having too many doors because of problems of security and of control of their employees. In that case, you can no doubt work out a type of door and type of hardware that it is practically impossible to open from the outside, but will always be available in case of emergency for



of Ordinary Metal Frame Construction no less than 50' wide, and the owner of the property is required to agree to keep these open spaces other than streets and the means of access to them unobstructed--before any building permit is issued.

There is one exception in the case of these open spaces in that the width of an open space on one side only may be reduced to 20' if that entire side is protected by a system of open sprinklers, coverage and design of which shall be approved by the Chief of the Fire Department. I have talked this matter over with Mr. Saunders, and he thought that the building could be moved sufficiently toward Marginal Way to keep all parts of the exterior wall toward Fox Street at least 20' from the 108' line, instead of the 10' which scales on the plat plan. All parts of the wall toward Fox Street which would be closer than 50' to the property line require full protection, as approved by the Chief of the Fire Department, by way of outside sprinklers or a water curtain. It would be well to prepare the agreements for the owner as regards the keeping open spaces unobstructed and also the plans and specifications for the outside sprinklers.

*Handwritten notes:*  
Heavy  
sprinklers  
water curtain  
etc.

9. Along with the wooden sheathing on the roof, the wooden cornice shown on details L and K and J and perhaps in other details is excluded.

10. Inasmuch as the shipping platform will be enclosed on all but one side, it is likely that it will have to be protected by sprinkler heads, and probably that platform should be considered the same as though within the building in which case neither the floor framing nor the roof framing could be of wood unless Class B labelled fire doors were used in the two doorways between the platform and the factory, made either automatic-closing or self-closing.

Even though the shipping platform is considered as an outside platform, since the property is within Fire District 1A, which in such a particular looks to Fire District 1A for its requirements and exceptions, wood would not be allowable in the roof, unless the wooden framing were made to comply with the requirements of Heavy Timber Construction for such framing, dressed all four sides, timbers no less than five and five-eighths inch net in least cross sectional dimension (irrespective of the requirements for strength) and floor sheathing no less than 2" nominal dimension (one and five-eighths inches).

11. The receiving platform is somewhat different in that it is clearly an open platform, and presents no particular problem as regards extension of the sprinkler system or exposure of the main building, as far as the Building Code is concerned. The same rules with regard to wooden framing apply, however, to both floor and roof.

12. I have already called Mr. Saunders' attention to the following:

Substantial forms are required on all sides of all concrete instead of allowing omission of forms in certain cases as indicated on Page 17, Section 5-06 (d) of the Specifications.

Metal wall ties not permitted to be corrugated no. 18 ~~size~~ as in Section 7-10 of the Specifications, but required to be of a thickness no less than no. 6 gauge (3/16 of an inch) and galvanized or non-corrodible metal. If the walls in which ties are used are to be bearing walls, the metal ties are required every other joint of every fifth course of brickwork. If non-bearing or panel walls in which case the brickwork would be of veneer purely, same type of metal ties are required, but may be spaced as indicated in the Specifications--one foot interval vertically and 2-foot interval horizontally.

*Handwritten notes:*  
Metal wall ties  
no. 6 gauge  
etc.

We have found no specifications for door hardware, but all doors counted or required as a means of egress require vestibule locksets or better--vestibule locksets being the kind that may be locked against the outside, but may be quickly opened from the inside at all times merely by turning the usual knob or pressing on the usual thumb latch, without requiring a key or any special knowledge.

*with  
the  
specification  
part of the  
specification  
part of the  
specification*  
James U. Saunders & Associates

July 24, 1950

13. Section 18-07 of the Specifications speaks of the fuel oil tank being underneath the loading platform. There will be a question about that.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMCD/G



JAMES C. SAUNDERS & ASSOCIATES  
ARCHITECTS AND ENGINEERS

James C. Saunders, A.I.A.

Earle D. Reed, M.E.

July 31, 1950

*Since copy is - WWS*

Mr. Warren McDonald  
Inspector of Buildings  
City Hall  
Portland, Maine

Re: Factory Building  
Juno Realty, Inc.

Dear Mr. McDonald:

In reply to your letter of July 24, concerning the above captioned project, we will take up the various points in the same numbered order as used in your letter.

- ✓ 1) Following your suggestion, we will install a three foot door at each end of the building. In that the largest concentration of personnel will be in the area adjacent to the entrance doors, we feel that the addition of these two doors, together with the other means of egress incident to the operations of the building should give adequate protection in time of emergency.
- 2) Exit signs as prescribed in Section 205-e-4 will be installed.
- ✓ 3) The leaseholder, Saco Moc Shoe Corporation, advises us that their personnel in the factory proper will number approximately 350. To answer your query specifically, we would assume that from five to six hundred people could conceivably be employed in this factory.
- 4) The floor level of the factory is one foot above grade. Proper steps will be provided at all exterior exits.
- 5) We are advised by the leaseholder that no mixing of cement and solvents will take place in the Cement Storage Room. All cements are delivered to the building in fifty gallon drums, pre-mixed. The material is transferred from these drums to a special container equipped with an anti-spill device, and not more than five gallons of the liquid is permitted in the factory proper at any one time. Ten to fifteen drums of this material is kept on hand.
- 6) The plumbing plan, Drawing No. 10, indicates ventilation for the inside toilet rooms in the office area. This was apparently over looked in your check through the drawings.
- 7) (and 9) In this paragraph we will take up the matter of the roof construction and, along with it the cornice details, L, K, and J, discussed in your item No. 9.

JAMES C. SAUNDERS & ASSOCIATES  
ARCHITECTS AND ENGINEERS

James C. Saunders, A.I.A.

Earle D. Reed, M.E.

Mr. Warren McDonald

Page 2.

With considerable hesitancy, we will seek relief from your ruling prohibiting the use of a 2" wood plank roof sheathing. We have discussed this business of construction classification with you on several occasions and I think that you are familiar with our attitude on the latitude of materials permissible under First and Second Class Construction, as opposed to metal frame construction. The assumption under the Code that there is no difference between a building sheathed with 26 ga. sheet metal supported by tiny structural members, such as used in the so-called "Quonset" type building, and a real building, consisting of a heavy structural steel frame with curtain walls of some material other than masonry, is very onerous.

*Saunders*  
We have submitted to you a sample of the panel which we intend to use for this curtain wall. It consists of two thicknesses of 18 ga. steel separated by a 3" space filled with spun glass insulation. Although no fire rating as such has been published on this material it seems too obvious to argue its fire-resistive qualities as against 26 ga. metal. Our effort to secure permission for the use of this material is not motivated by any desire to lower the standards of construction which the Code seeks to maintain. But where we feel that the various provisions of the Code are inconsistent with reasonable practices, and in some instances with common sense, we do not hesitate to seek relief.

As an example, it would seem that under the Code we could replace the exterior steel columns with masonry piers and then fill in the voids between these piers with glazed steel sash. Having done this we could label the construction Second Class which would then permit us to use a wood plank roof deck, wood posts, and wood joist construction. Here again it would seem to beggar the point to argue that such a structure would have fire-resistive qualities, either from without or from within, of a comparably lesser quality than the construction which we intend to employ. Again, if we labeled this construction First Class and provided certain provisions for fire proofing the steel were complied with, under Section 302-d-1.3, any portion of this building not to exceed 5000 sq. ft. in area could contain wood stud partitions, etc.

Obviously, it is not entirely fair to cite such extreme cases or to pick various allowable practices under the Code out of context, but we do feel that an appraisal of the design which we offer will reveal no instances where combustible material is used in a manner calculated to create a hazard to the building or the occupants thereof, even under the most extreme circumstances.

JAMES C. SAUNDERS & ASSOCIATES  
ARCHITECTS AND ENGINEERS

James C. Saunders, A.I.A.

Earle D. Reed, M.E.

Mr. Warren McDonald

Pr. 3

*change to corr. 1-7-57*

The wood roof plank will be surfaced with a standard four-ply tar and gravel roof and present a smooth, unbroken surface on the inside. For several months out of the year, the dry, dangerous periods of the year, the roof will be flooded with 2" of water. Surely such construction is not more subject to hazard from within, or without the building than would be incurred through the use of 26 cr 28 ga. steel roof deck, which would be substituted for the wood roof plank if technical compliance with the Code were our only aim. Again, in the office area the small amount of partition work, these partitions being merely screen enclosures and exposing a smooth plywood surface, does not appear to create a hazard. The amount of furniture and supplies kept on hand at any time in any office would seem to offer more of a hazard than such a small amount of combustible material as is required in this instance. Likewise, we can not feel that the wood nailer strips around the edge of the roof, referred to in your letter as a cornice, and which will be completely covered on the outside with 26 ga. galvanized metal and which offers on the inside a smooth unbroken surface, creates a hazard either from without or within the building.

*change to corr. 1-7-57*

We intend to revise our specifications to substitute metal lath and plaster for the acoustical tile on wood furring indicated but we would like permission to use the small amount of combustible material required for the partitions. We will cover all doors larger than 21 sq. ft. in area on the outside with 26 ga. galvanized metal.

*change to corr. 1-7-57*

8) As indicated in this paragraph of your letter we agree that we can move the building 10 ft. toward Marginal Way to give a minimum 20 ft. clearance from the property line between Jaco Realty, Inc. and St. Johnsbury Trucking Co. at no great hardship other than the loss for all practical purposes of 4500 sq. ft. of ground. That portion of the building which is closer than 50 ft. to this property line will be protected with an approved sprinkler system.

9) Is discussed under No. 7 above.

10) We will increase the floor framing of the shipping platform to comply with the requirements of Heavy Timber Construction for such framing. Here again, however, we would like to seek relief from your ruling in regard to the use of wood roof plank.

JAMES C. SAUNDERS & ASSOCIATES  
ARCHITECTS AND ENGINEERS

James C. Saunders, A.I.A.

Earle D. Reed, M.E.

Mr. Warren McDonald

Page 4

We would also like to consider that this platform is not a portion of the building but an appendage thereto, and if the brick wall at the end of this platform toward the property line, which encloses the third side of the platform, creates a special hazard, we will remove it. It was our thought in going to masonry construction for this portion of the building, which we knew would be close to the property line, that we were protecting ourselves rather than otherwise through the use of this 8" masonry barrier. From a design point it is of no particular consequence other than to protect the platform from snow and rain and to facilitate shipping under all weather conditions.

*check  
masonry  
of 8"*  
*check  
masonry*  
*on the  
platform  
to the  
property  
line*  
*reference*

11) The only point of issue here appears to be our 2" roof deck, and, again, we would like to stick with it.

12) We have noted what you have to say in regard to forms and to metal wall ties, and will see that the Contractor complies therewith. In further reference to this paragraph we are appending a hardware schedule which had not been prepared at the time that you received your copy of the specification but was issued at a later date as an addenda thereto.

13) Our purpose in placing the fuel oil supply tank under the shipping platform was to avoid burying it any deeper than necessary. As you are aware, we do not have a very great depth of soil to work with, and our whole approach to this design has been to disturb the existing soil as little as possible. The location of the tank under the platform is perhaps an example of letting our fear of the soil conditions out-weigh our common sense. Just how hazardous such an arrangement would be, I cannot say, but I agree, it does not look very good. Accordingly, we will re-locate and bury the tank and try to devise some means of keeping it buried.

As indicated above, we are in disagreement with certain provisions of the Code and of certain of your rulings under the Code. We will not pretend that it is not an interesting, even pleasant experience to be on the sending end of a five page letter to your office, but we do want to make it entirely clear that we are very appreciative of the assistance and cooperation which you and your office have offered in connection with this project. We have all felt that it is a very important thing for the city that a suitable building be made available for the use of the Saco Mcc Corporation. It has not been an easy task to design such a building on such an extremely limited budget.

JAMES C. SAUNDERS & ASSOCIATES  
ARCHITECTS AND ENGINEERS

James C. Saunders, A.I.A.

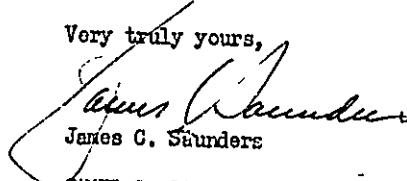
Earle D. Reed, M.E.

Mr. Warren McDonald

Page 5

We sincerely feel, however, that the design as offered is a good building, permanent and fire-resistive. We have argued for the wood plank for two reasons. First, as we have tried to indicate, we do not think such use is hazardous, nor do we feel that if the Code were revised to permit its use in connection with this type of construction as it is allowed with Second Class Construction, that the standards of the Code would be lowered. Second, and perhaps of more urgency is the fact that steel roof deck can not be obtained for delivery before December, which would be too late for this project, and any other type of roof allowable under the Code would apparently add five to six thousand dollars to the cost of this building.

Very truly yours,



James C. Saunders

JAMES C. SAUNDERS & ASSOCIATES

JCS:b

Enclosure

JAMES C. SAUNDERS & ASSOCIATES  
ARCHITECTS AND ENGINEERS

James C. Saunders, A.I.A.

Earle D. Reed, M.E.

Alternates to wood roof plank -

1. Prime Gypsum (Pyroflex)  
Addition to General Contract \$ 8,200.00  
Addition to Elec. Contract 3,500.00  
Misc 5.00  
\$ 11,200.00

2. Aluminum or Equal  
Addition to General Contract \$ 14,200  
Additional steel, etc 2,500  
(This material weighs  
N # per sq. ft.) \$ 16,700

3. Kaylo  
Addition to G. Contract \$ 16,349-

RECEIVED

AUG 7 1950

DEPT. OF BLD'G. INSP.  
CITY OF PORTLAND

BP 148-166 Smith Street-I

September 15, 1950

James C. Saunders & Associates  
477 Congress Street  
Jaco Realty Company  
14 Spring Street

Gentlemen:

A check of the structural details of the plans for the new factory building for Jaco Realty Company at 148-166 Smith Street appears to indicate that all of the beams for the roof of the main building are of such a size that they will just barely figure out to carry the minimum live and dead loads required by the Building Code. While it is true that the construction indicated satisfies Building Code requirements, if it should happen after the building is constructed that the owners should desire to have a sign or some other structure erected upon the roof, as is often the case, there will be no excess strength in the roof framing to take care of the added load. This matter is being called to your attention at this time so that if there is a possibility of something of this nature being desired, steps can be taken while the building is being erected to make provision for it should it seem desirable to do so.

Very truly yours,

Warren McDonald  
Inspector of Buildings

AJ3/G

148-166 Smith Street-1

September 13, 1950

Gamillo Profenno Company  
127 Marginal Way  
James C. Saunders & Associates  
477 Congress Street  
Jaco Realty, Inc.  
14 Spring Street

Gentlemen:

Check of the plans and specifications (attached sheet identifies the plans and specifications on which the check has been based by date, revised date or otherwise) for the proposed building of Jaco Realty, Inc. (Saco-Moc Building) at 148-166 Smith Street discloses several deficiencies and several features not in compliance with Building Code requirements. Nevertheless, the building permit for general construction work is issued to the contractor, herewith, but subject to the conditions which follow. If this letter is not understood, or, if you are unable to abide by all of the conditions, it is important that the contractor refrain from starting work on the superstructure and that we get together on notice from Mr. Saunders to see what adjustments can be made. This letter is not competent to give instructions to the contractor; so, will the architect be good enough to revise the plans to take care of these conditions, wherever revision of the plans is applicable, and in all other cases, issue instructions to the contractor by supplementary specifications as to compliance with the conditions; and will the contractor be good enough to file application for amendment to the permit now issued, supplying with the application copies of the revised plans and supplementary specifications? Thus, there will be little likelihood of misunderstanding and questions as to compliance with the Building Code arising as the job progresses. Here are the conditions:

1. Platform and steps with foundations of both extending no less than 4' below the finished grade, are required outside of emergency exit doors in each end wall; so arranged that the platform will extend out from the building at least as far as the door is wide and 9" beyond each door jamb with the level of the platform the same as the factory floor, thus to eliminate a step-down under the outward swing of the door.

2. Standard exit signs, specified as to size and color of letters etc. are required over each emergency exit door in each end wall and in strategic places in between, directional or otherwise, so that all persons in the building may tell quickly and unerringly what direction to take to reach an emergency exit. These signs are to be suitably illuminated so as to be visible at all times when the building is occupied or they may be internally lighted exit lights if the owner prefers.

3. Standard Class C (labelled by Underwriters Laboratories or Factory Mutuals Laboratories) fire door, made self-closing or automatic-closing by standard devices and set in a structural metal frame is required between main building and cement storage room. The threshold of this doorway is to be raised to a level at least 6" above the cement storage room floor. A proper ventilation system satisfactory to the Chief of the Fire Department is required for the cement storage room. For reference see Section 212-F-4 of the Building Code and Rule 53 of State Regulations adopted as standard by the Municipal Officers of Portland.

For the guidance of the architect in working out this ventilation system, he is referred to the standards of the National Fire Protection Association which say that good natural ventilation is preferable; that ducts shall be of substantial metal construction extending above roof of building and terminating in an efficient suction



Camillo Profenna Company  
James G. Saunders & Associates  
Jacob Realty, Inc.

September 13, 1950

creating device and having screened openings at floor level of the room; but that natural ventilation by other methods of equivalent efficiency may be provided.

4. Partitions and walling in office section are not to be of combustible material as indicated in the specifications and on the plans. Mr. Saunders has considered the use of cinder block in the partitions. In the private offices he has mentioned the possibility of using so-called "wood and glass" partitions without concealed spaces in them. This will be acceptable but to subdivide private offices only.

5. Objection will not be raised to the 2x4 uprights indicated 24" on centers to support the chicken wire partition around storage area. The note on Sheet 3 of the plans near this storage area "plank roof" is not understood. No combustible ceiling is allowable over the storage area.

6. All exterior doors having an area greater than 21 square feet are required either to be all-metal or to be covered on the outside and the edges with no less than 26 gauge galvanized metal. See Section 302d2 of the Code applying to metal frame construction in which the building has to be classified.

7. The wooden box cornice, covered with metal on all outside exposure, is required to be firestopped continuously from the inside of the building and the recent amendment of the Building Code requires that firestops be provided in the cornice, longitudinally not more than 20' from center to center.

8. The emergency exit doors in the end walls and all of the doors at the main entrance, including the inside vestibule doors, if these doors are to have any locks or fastenings on them, require what we commonly call vestibule latchesets which is the type of lockset whereby any person on the inside can quickly open the door at any time merely by turning the usual knob or pressing on the usual thumb piece without requiring a key or any special knowledge. We are unable to tell from the catalogue descriptions in the specifications whether or not this type of lockset is to be provided, and I believe the emergency exit doors in end walls were indicated after the specifications were written.

9. Metal wall ties are required to be of a thickness no less than no. 6 gauge (3/16 of an inch) and galvanized or non-corrodible metal instead of the 18 gauge ties specified. Where used in bearing walls they are required every other joint of every fifth course of brickwork. In non-bearing or panel walls maximum spacing is one foot vertically and two feet horizontally.

10. Detail of protection required by Section 304e3 of the Building Code where the metal stack passes through the combustible roof should be shown. Presumably temperature in the stack will never exceed 750 degrees Fahrenheit, otherwise the stack would require a firebrick lining to such a height that the temperatures would not exceed that amount.

11. Wooden strapping to be eliminated in ceiling and on walls of office section.

12. Section 311f3.2 does not allow the use of pipe columns in the roof structure beside the office section less than 3" in external diameter.

13. All of the lumber, both framing members and floor and roof sheathing in the outside platforms are required to be dressed smooth all four sides.

14. I have the impression that the makeup of the roofing has been changed from that shown on Page 31 of the specifications. If that specification is to be followed

Camillo Profenno Company  
James C. Saunders & Associates  
Jacob Peally, Inc.-----3

September 13, 1950

the top course of asphalt is required to be of the type carrying upon each package a label identifying it as Class C as approved by the Underwriters Laboratories or indication of a better quality as far as fire resistive characteristics are concerned.

15. Bridging of metal joists to be rigid channels and to be carried to and anchored to the walls in each case, anchors from end joists to masonry walls to be one-half inch round bar or equivalent. It appears that three rows instead of two rows of bridging are required because the spans of joists are more than 21 feet--this according to the standard steel joist specifications.

16. Reference to bottled-gas burner ignition on Page 39 of the specifications is not understood.

17. The oil burner is to be specified to bear the label of the Underwriters Laboratories, Inc. unless there is to be an attendant always present in the room, day and night and Sundays when the burner may be in operation. In the latter case the burner would be classified as industrial, would not require the label, but would require a remote control of the oil burner so located and at such a distance from the oil burner assembly that the burner may be shut down without anyone being exposed to the particular hazard at the burner assembly.

18. Details of receiving platform lift, which is essentially a short run elevator, are not fully known, but it is likely that safety equipment will be required around the pit somewhat as stipulated by Section 703d of the Code, or similar type of guards to avoid accident.

19. Specifications for sprinkler system require revision to include the outside open sprinklers required along a part of the side of the building toward Fox Street.

Enclosed to each of you is a copy of another letter to the contractor pertaining to certain features of the work which seem to be his responsibility without recourse to the architect.

Very truly yours,

WHCE/G

Karren McDonald  
Inspector of Buildings

SCHEDULE OF PLANS AND SPECIFICATIONS ON WHICH CHECK AGAINST THE BUILDING CODE  
WAS MADE FOR THE PROPOSED SAGO-MCC BUILDING AT 148-166 SMITH STREET

September 13, 1950

Specifications of 49 pages received here July 7 plus the hardware schedule  
received here July 31.

Plans

Sheet 1 ..... Revised August 2  
Sheet 2 ..... Revised August 1  
Sheet 3 ..... Revised August 1  
Sheet 4 ..... Revised August 1  
Sheet 5 ..... Revised August 1  
Sheet 6 ..... Dated July 2  
Sheet 7 ..... Revised August 1  
Sheet 8 ..... Revised August 1  
Sheet 9 ..... Revised August 1  
Sheet 10 ..... Revised August 1  
Sheet 11 ..... Revised August 1 (maybe the 2nd)  
Sheet 12 ..... Dated July 2

At 148-166 Smith Street-1

September 13, 1950

Camillo Profenno Company  
127 Marginal Way  
Portland, Maine

Copier to: James C. Saunders & Associates  
477 Congress Street  
Jaco Realty, Inc., 14 Spring Street

Gentlemen:

Enclosed is the building permit for general construction of the Jaco Realty, Inc. building (Saco-Moc) at 148-166 Smith Street issued subject to conditions contained in a joint letter (also enclosed, addressed to your company, the architect and the owner.

This letter is for the purpose of calling to your attention certain features of the construction work which seemed to be in all probability more your responsibility than that of the architect:

1. All welders engaged on the job are required to have certificates from this department establishing that they have been qualified under the procedure of the American Welding Society within one year prior to the date on which they are doing the welding.

If welding on the steel joists fabrication and on shop work of any of the steel is to be done at a distance from the Portland area, welders doing this work may be certified by a blanket certification from the manufacturer which should read:

"This is to certify that all shop welding of steel work furnished by this company for the factory building for Jaco Realty, Inc. at 148-166 Smith Street in the City of Portland, Maine, has been or will be performed only by welding operators who have been qualified under the procedure of the American Welding Society within one year prior to the date of doing this particular welding."

2. We have the signed statement of design of the architect as to the design of the general steel work and steel joists and also the reinforced concrete. Presumably the welding of the steel joists and the welded joints in the structural steel of the building will be actually designed by the manufacturer of the steel joists or the structural steel contractor. In that case it is important that you secure from these companies the signed statement of design, and for that purpose a couple of blank statements are enclosed. We are not interested in the design plan of the various joints and do not care to receive these detailed plans. The wording of the statement can be adjusted to apply to the job without furnishing the detailed plans.

3. A separate permit from this department is required for the installation of the sprinkler system, including the required outside open sprinklers on a portion of the Fox Street side of the building, not yet shown on the plans. This permit is to be applied for by and is issuable only to the actual sprinkler contractor, and with the application for the permit he is required to file his own plans of the sprinkler system, including the outside sprinklers, bearing upon the plans the stamp of approval of the New England Fire Insurance Rating Association or an equivalent authority.

4. Installation of the boiler and of any other fire-actuated appliances contemplated also require separate permits from this department which are to be applied for by and are issuable only to the actual installer. If boiler and oil burning equipment are installed by the same contractor, one permit can cover both. If a separate oil burner contractor, his permit should be separate and must be applied for and will be issuable only to him. Normally the oil burning equipment permit will

September 13, 1950

include the installation of the fuel oil tank, and full details of the installation of the tank, the sand fill around it (I believe the fill indicated on the plans is gravel, and that is not fine enough), fill and vent pipes etc. should all be shown. After the permit for the oil burning equipment and fuel oil tank has been issued, inspection of the tank before covering up is made by the Fire Department and the oil burner installer is responsible for notifying the Fire Department of readiness for covering up before any of the pipe connections are covered, before the sand fill is applied and of course before the reinforced concrete slab over the tank is built. Mr. Saunders has expressed some thought of burying the tank outside underground. If that is done, approximately the same rules apply as to getting the permit and as to inspection before covering up. There is no objection to placing the tank beneath the platform as shown from the standpoint of Building Code regulations.

5. A certificate of occupancy is required from this department before the building may be lawfully occupied. When all features controlled by the Building Code have been completed, please notify this office of readiness for final inspection.

Very truly yours,

Warren McDonald  
Inspector of Buildings

WMcD/C