I-2 INDUSTRIAL ZONE

APPLICATION FOR PERMIT

PERMIT ISSUED
JAN 21 1963
CITY of PORTLAND

Class of Building or Type of Structure Second Class

Portland, Maine, January 14, 1963

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 184 Read St. Within Fire Limits? _____ Dist. No. _____

Owner's name and address American Can Company, 184 Read St. Telephone _____

Lessee's name and address _____ Telephone _____

Contractor's name and address C.DiBiase Co.Inc. 551a Congress St. Telephone 3-0286

Architect _____ Specifications _____ Plans yes No. of sheets 1

Proposed use of building warehouse No. families _____

Last use " No. families _____

Material 2ndCl. No. stories 3 Heat _____ Style of roof _____ Roofing _____

Other buildings on same lot _____

Estimated cost $ 24,000 Fee $ 48.00

General Description of New Work

To enclose existing rear loading platform with 12" concrete block.
To remove existing floor and provide new reinforced concrete floor.
To make alterations to rear wall of building as per plan.
To make alterations to roof as per plan.
Approx. 75' to rear lot line.

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

Details of New Work

Is any plumbing involved in this work? _____ Is any electrical work involved in this work? _____

Is connection to be made to public sewer? _____ If not, what is proposed for sewage? _____

Has septic tank notice been sent? _____ Form notice sent? _____

Height average grade to top of plate _____ Height average grade to highest point of roof _____

Size, front _____ depth _____ No stories _____ solid or filled land? _____ earth or rock? _____

Material of foundation _____ Thickness, top _____ bottom _____ cellar _____

Kind of roof _____ Rise per foot _____ Roof covering _____

No. of chimneys _____ Material of chimneys _____ of lining _____ Kind of heat _____ fuel _____

Framing Lumber—Kind _____ Dressed or full size? _____ Corner posts _____ Sills _____

Size Girder _____ 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: M. E. M.

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

American Can Company
C.DiBiase Co.Inc.

CS 301

INSPECTION COPY *Signature of owner* by: Harlan C. Stuart

7:M

Permit No. 63/165

Location [illegible]

Owner [illegible]

Date of permit 1/21/63

Notif. closing-in

Insp. closing-in

Final Notif.

Final Inspn. 5/28/63

Cert. of Occupancy issued

Staking-Out Notice

Form Check Notice

NOTES

2/26/63 - Staking out between columns. Laying blocks -- sections between outside columns being poured. E.S.S.

3/21/63 - Work nearly done. E.S.S.

5/28/63 - Work done E.S.S.

Sprinkler extended to include this enclosure E.S.S.

PERMIT TO INSTALL PLUMBING

12325
PERMIT NUMBER

Date Issued 12-12-62

PORTLAND PLUMBING INSPECTOR

By J. P. Welch

APPROVED FIRST INSPECTION

Date 12-14-62

By [illegible]

APPROVED FINAL INSPECTION

Date

JOSEPH P. WELCH

By

TYPE OF BUILDING
- ☐ COMMERCIAL
- ☐ RESIDENTIAL
  - ☐ SINGLE
  - ☐ MULTI FAMILY
- ☐ NEW CONSTRUCTION
- ☐ REMODELING

Address 184 Reed Street

Installation For: American Can Company

Owner of Bldg American Can Company

Owner's Address: 184 Reed Street

Plumber: Reuben Katz Date. 12-12-62

NEW	REP'L	PROPOSED INSTALLATIONS	NUMBER	FEE
		SINKS		
		LAVATORIES		
		TOILETS		
		BATH TUBS		
		SHOWERS		
		DRAINS		
		HOT WATER TANKS		
		TANKLESS WATER HEATERS		
		GARBAGE GRINDERS		
		SEPTIC TANKS		
		HOUSE SEWERS		
		ROOF LEADERS (Conn. to house drain)		
1		Sump Pump	1	$ 2.00
			TOTAL ▶	$ 2.00

3

PORTLAND HEALTH DEPT. PLUMBING INSPECTION

I-2 INDUSTRIAL ZONE

APPLICATION FOR PERMIT

PERMIT ISSUED
00848
JUL 7 1960
CITY OF PORTLAND

Class of Building or Type of Structure Installation

Portland, Maine, July 6, 1960

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 184 Read Street Within Fire Limits? _____ Dist. No. _____

Owner's name and address American Can Co., 184 Read St. Telephone _____

Lessee's name and address _____ Telephone _____

Contractor's name and address Gould Farmer Co., 70 Free St. Telephone 3-3187

Architect _____ Specifications _____ Plans yes No. of sheets 1

Proposed use of building _____ 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 remove existing 1-1000 gallon fuel oil tank and install 1-1000 gallong fuel oil tank in same location

Tank to be buried 3' below grade; bears Und. Lab; coated with asphaltum

Sent to Fire Dept. 7-6-60
Rec'd from Fire Dept 7-7-60

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*** Gould Farmer Co.

Details of New Work

Is any plumbing involved in this work? _____ Is any electrical work involved in this work? _____

Is connection to be made to public sewer? _____ If not, what is proposed for sewage? _____

Has septic tank notice been sent? _____ Form notice sent? _____

Height average grade to top of plate _____ Height average grade to highest point of roof _____

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

Material of foundation _____ Thickness, top _____ bottom _____ cellar _____

Kind of roof _____ Rise per foot _____ Roof covering _____

No. of chimneys _____ Material of chimneys _____ of lining _____ Kind of heat _____ fuel _____

Framing Lumber—Kind _____ Dressed or full size? _____ Corner posts _____ Sills _____

Size Girder _____ 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:
OK-7/7/60-aJS
Carl E. Johnson
CHIEF OF FIRE DEPT.

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

American Can Co.
Gould Farmer Co.

CS 301

INSPECTION COPY *Signature of owner* By: _____

P. H.

Permit No. 60/848

Location 1848 Rand St.

Owner Lawrence Cal. Corporation

Date of permit 7/7/60

Notif. closing-in

Inspn. closing-in

Final Notif.

Final Inspn.

Cert. of Occupancy issued

Staking Out Notice

Form Check Notice

NOTES

7/11/60 - [illegible]

[illegible] Sal

MEMORANDUM FROM DEPARTMENT OF BUILDING INSPECTION, PORTLAND, MAINE

July 7, 1960

Location: 184 Read St.

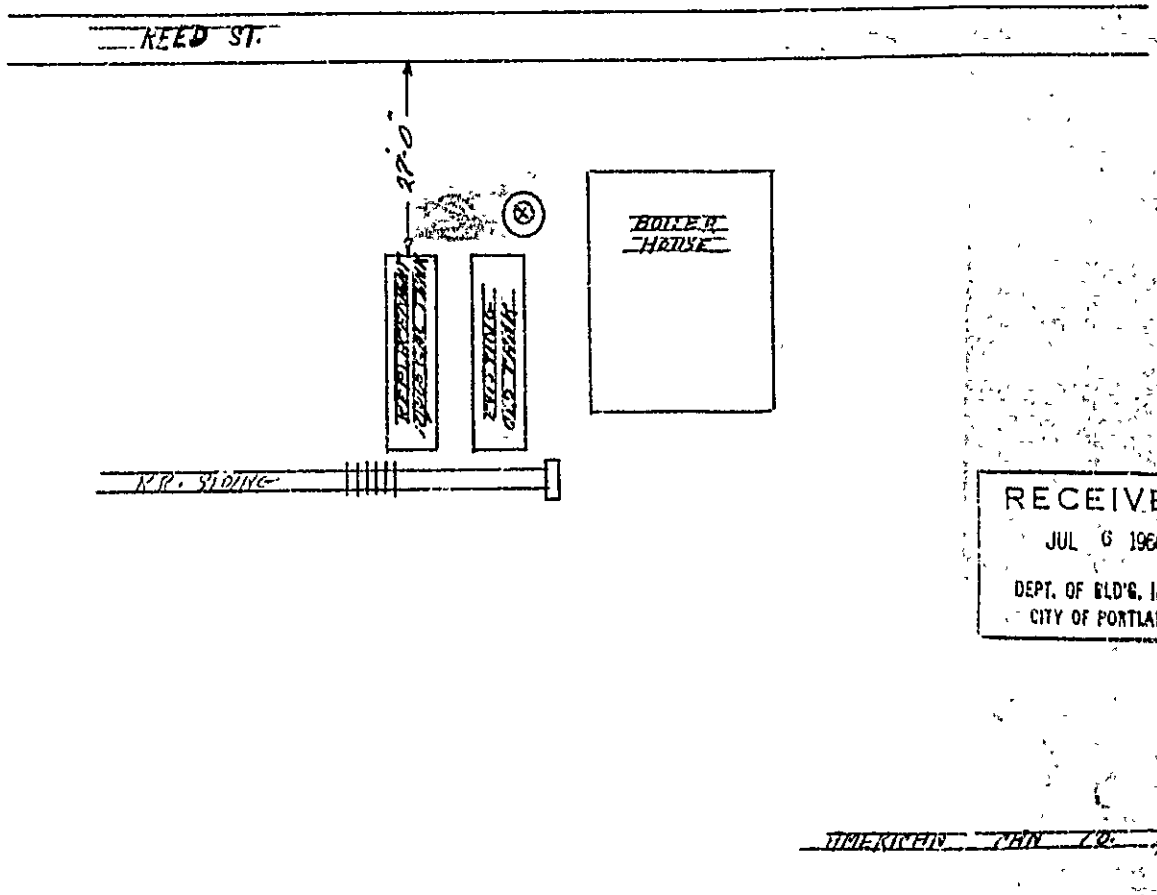
Before tank and piping is covered from view, installer is required to notify the Fire Dept. Headquarters of readiness for inspection and to refrain from covering up until approved by the Fire Dept. Headquarters

This tank of 1000 gallons capacity is required to be of steel or wrought iron no less in thickness than # 10 gauge; and before installation is required to be protected against corrosion, even though galvanized, by two coats of tar, asphaltum, or other suitable rust-resisting paint, and special protection wherein corrosive soil such as cinders or the like.

Pipe lines connected to underground tanks, other than tubing and except fill lines and test wells, must be provided with double swing joints arranged to permit the tank to settle without impairing the efficiency of the pipe connections.

Owner and installer will have to bear the responsibility for the structural capacity of the tank to support loads from above such as heavy motor trucks.

If tank will be so located as to be subjected to the action of tide water or "ground" water, adequate anchorage or weighting must be provided to prevent "floating" when tank is empty or nearly so.



RECEIVED
JUL 6 1960
DEPT. OF BLD'G. INSP.
CITY OF PORTLAND

(1) INDUSTRIAL ZONE

PERMIT ISSUED
02335
DEC 14, 1953

APPLICATION FOR PERMIT

Class of Building or Type of Structure Installation

Portland, Maine, Dec. 14, 1953

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 184 Read St. Within Fire Limits? no Dist. No.

Owner's name and address American Can Co., 184 Read St. Telephone

Lessee's name and address Telephone

Contractor's name and address Grinnell Co., 275 W. Exchange St., Providenne, R. I. Telephone

Architect Specifications Plans yes No. of sheets 1

Proposed use of building Business No. families

Last use " No. families

Material conc No. stories Heat Style of roof Roofing

Other buildings on same lot

Estimated cost $ Fee $ 2.00

General Description of New Work

To make changes in existing sprinkler system as per plan.

CERTIFICATE OF OCCUPANCY REQUIREMENT IS WAIVED

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor. ***PERMIT TO BE ISSUED TO*** E. N. Sweetser, 38 Green St., Gorham

Details of New Work

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

Is connection to be made to public sewer? If not, what is proposed for sewage?

Has septic tank notice been sent? Form notice sent?

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

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

Material of foundation Thickness, top bottom cellar

Material of underpinning Height Thickness

Kind of roof Rise per foot Roof covering

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

Framing lumber—Kind Dressed or full size?

Corner posts Sills 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

American Can Co.
Grinnell Co.

Signature of owner by: E. N. Sweetser

INSPECTION COPY

Permit No.	53/2336
Location	1844 Pearl St.
Owner	Quessinberry Cary Co.
Date of permit	12/14/53
Notif. closing-in	
Inspn. closing-in	
Final Notif.	
Final Inspn.	
Cert. of Occupancy issued	
Staking Out Notice	
Form Check Notice	

NOTES

1/8/54 - Moving.
mach. 2.8.81

(I) INDUSTRIAL ZONE

APPLICATION FOR PERMIT

PERMIT ISSUED
00589
MAY 3 1949
CITY of PORTLAND

Class of Building or Type of Structure Installation

Portland, Maine, April 29, 1949

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 184 Read Street Within Fire Limits? no Dist. No.

Owner's name and address American Can Co., 184 Read Street Telephone

Lessee's name and address Telephone

Contractor's name and address Texas Co., 102 Mechanic Street, So. Portland Telephone

Architect Specifications Plans yes No. of sheets 1

Proposed use of building 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 1-2000 gallon tank for gasoline. Storage to be for private use. Tank will be 3' underground and painted with asphaltum. Tank bears Underwriters' label. Tank is new installation. One electric pump to be installed. 1½" piping from tank to pump.

Owners are to do excavation and placing of tank and installers to do the connecting.

BEFORE Covering Tank and any Piping APPROVAL of FIRE DEPT. required

Permit Issued with Memo

Sent to Fire Dept. 4/29/49
Recd from Fire Dept. 5/2/49

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*** American Can 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?

APPROVED:

Chas. E. Gaudet

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

American ~~Can~~ Can Co.

Signature of owner by: M. L. Yeaff

INSPECTION COPY

Permit No. 49/589

Location 184 Pead St.

Owner American Can Co

Date of permit 5/3/49

Notif. closing-in

Inspn. closing-in

Final Notif.

Final Inspn. 5/4/49 -- P.I.F.

Cert. of Occupancy issued None

NOTES

Memorandum from Department of Building Inspection, Portland, Maine

184 Road Street—Installation of 1-2000 gallon gasoline tank for American Gas Company by The Texas Company

Before tank and piping is covered from view, installer is required to notify Fire Department Headquarters of readiness for inspection and to refrain from covering up until approved by the Fire Department.

This tank of 2000 gallons capacity is required to be of steel or wrought iron no less in thickness than .17 gauge and before installation is required to be protected against corrosion, even though galvanized, by two preliminary coats of red lead and heavy coat of hot asphalt.

Pipe lines connected to underground tanks, other than tubing and except fill lines and test wells, must be provided with double swing joints arranged to permit the tank to settle without impairing the efficiency of the pipe connections.

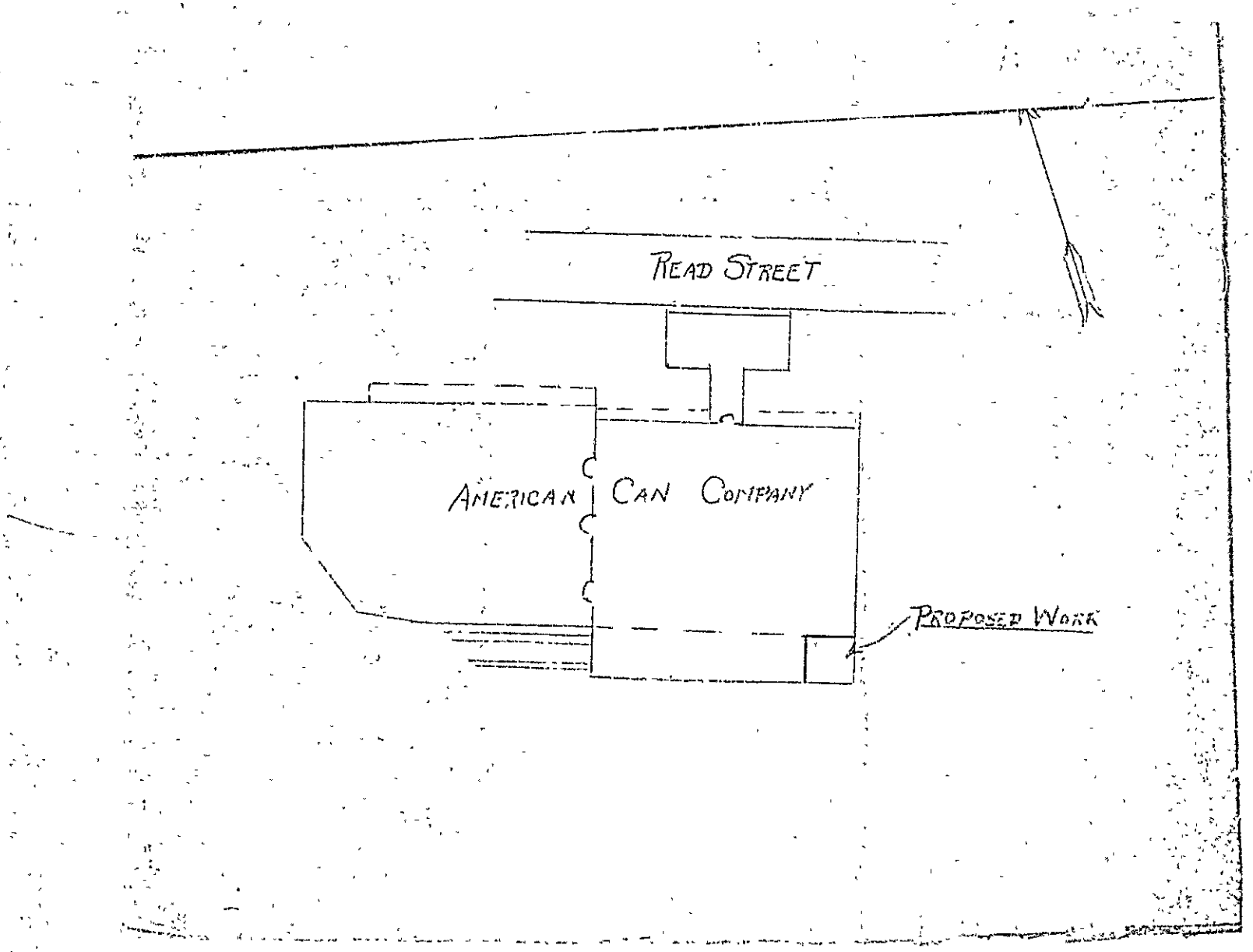
Owner and installer will have to bear the responsibility for the structural capacity of the tank to support loads from above such as heavy motor trucks.

If tank will be so located as to be subjected to the action of tide water or "ground" water, adequate anchorage or weighting must be provided to prevent "floating" when tank is empty or nearly so.

CC: The Texas Company
102 Mechanic Street
So. Portland, Maine

Oliver T. Sanborn, Chief
of the Fire Department

(Signed) Warren McDonald
Inspector of Buildings


READ STREET
AMERICAN CAN COMPANY
PROPOSED WORK

Study with the manager [illegible]

AMERICAN CAN COMPANY

PORTLAND 5, MAINE

184 Read Street

RECEIVED
APR 18 1946
DEPT. OF BLD'G. INSP.
CITY OF PORTLAND

April 17, 1946

Mr. Warren McDonald, Inspector of Buildings
Department of Building Inspection
City Hall - 389 Congress Street
Portland 3, Maine

Subject: Building permit for alterations in the building of American Can Company at 184 Read Street to provide a room for oil storage in drums.

Dear Sir:

We have our copy of your letter of April 1 to Mr. John J. Maloney in connection with the door opening between the rooms as shown in our drawing PF-8 SH-63, copy of which we believe you have. The drawing calls for the door between columns 27 and 28 to remain: This door is to be replaced with a three-ply sliding fire door with automatic hardware.

Answering the postscript on your letter, there are already installed in this room area twenty automatic sprinkler heads for fire protection which thoroughly cover the area.

Very truly yours,

AMERICAN CAN COMPANY

Chas. Winton, Plant Manager

By: M. L. Heald

MLH:LB

AP 184 Read Street-I

ATH
LPS
RJT
PH
AJS
HL
BS

April 1, 1946

John J. Maloney
Surf Road
Cape Cottage, Maine
American Can Company
184 Read Street

Subject: Building permit for alterations in the building of American Can Company at 184 Read Street to provide a room for oil storage in drums

Gentlemen:

Mr. Maloney advised us this morning that this proposed room is to be really an oil storage room requested by the Fire Insurance people. On this basis it is classified as a hazardous room and required to be separated from the balance of the building by separations of at least one-hour fire resistance as provided in Section 212f4 of the Code.

As far as I can see when the work is done, more than one-hour fire resistance will have been provided with the possible exception of the openings between the rooms and the balance of the building which Mr. Maloney says are all equipped with fire doors. It is necessary that these fire doors be made either self-closing by means of liquid door closers or other approved self-closing hardware or be made automatic-closing by the usual standard automatic hardware for fire doors.

The determination that this is a hazardous room for the storage of oil means under the Building Code that the permit must be approved by the Chief of the Fire Department before issuance. This has not been done at this writing, but we will try to get his approval today so that there may be no further delay in issuing the permit and starting the work.

Very truly yours,

Inspector of Buildings

WMcD/S

P.S. I presume the automatic sprinkler system in the main building is to be extended to cover this room.

(B) INDUSTRIAL ZONE

APPLICATION FOR PERMIT

PERMIT ISSUED
00500
APR 2 1946

Class of Building or Type of Structure First Class

Portland, Maine, March 14, 1946

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to erect alter ~~remove 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 184 Read Street Within Fire Limits? no Dist. No.

Owner's name and address American Can Co., 184 Read Street Telephone

Lessee's name and address Telephone

Contractor's name and address John J. Maloney, Surf Road, Cape Cottage Telephone 2-7575

Architect American Can Co. Specifications none Plans yes No. of sheets 1

Proposed use of building Mfg. No. families

Last use " No. families

Material brick No. stories 3 Heat Style of roof Roofing

Other buildings on same lot

Estimated cost $ 6,000. Fee $ 6.00

General Description of New Work

To close-in room, first floor, for storage of oil drums - space is now tunnel for train.
To be closed-in with reinforced concrete as per plan.
To provide reinforced concrete floor.

Permit Issued with Letter

CERTIFICATE OF OCCUPANCY REQUIREMENT IS WAIVED

Sent to Fire Dept. 4/1/46
Rec'd from Fire Dept. 4/1/46

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 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 Elwin T. Trubowe
CHIEF OF FIRE DEPT.

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

American Can Co.

Signature of owner by: John J. Maloney

INSPECTION COPY

Permit No. 46/500

Location 184 Read St.

Owner American Cas Co

Date of permit 4/2/46

Notif. closing-in

Inspn closing-in

Final Notif

Final Inspn 12/4/46

Cert. of Occupancy issued none

NOTES

4/11/46 [illegible]

5/6/46 - Work is progressing. EJS

5/22/46 - Same EJS

6/8/46 - Same EJS

12/2/46 - Work done EJS

INDUSTRIAL ZONE

APPLICATION FOR PERMIT

PERMIT ISSUED

Permit No. 1230

DEC 5 1944

Class of Building or Type of Structure First Class

Portland, Maine, December 4, 1944

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 184 Read Street Within Fire Limits? no Dist. No.

Owner's ~~or Lessee~~'s name and address American Can Co. 184 Read Street Telephone

Contractor's name and address John J. Maloney, Surf Rd., Cape Cottage Telephone 2-7575

Architect Plans filed Yes No. of sheets 1

Proposed use of building Manufacturing of cans No. families

Other buildings on same lot

Estimated cost $ 1378. Fee $ 3.75

Description of Present Building to be Altered

Material brick No. stories 3-1 Heat Style of roof Roofing

Last use Manufacturing of cans No. families

General Description of New Work

To partition off room 10'x12' for new toilet room, first floor, of one story portion

Partitions to be constructed of 4" tile ~~xxxx~~ 9' high and ceiled over.

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

Details of New Work

CERTIFICATE OF OCCUPANCY REQUIREMENT IS WAIVED

Is any plumbing work involved in this work? yes

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

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

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

Material of foundation Thickness, top bottom cellar

Material of underpinning Height Thickness

Kind of roof Rise per foot Roof covering

No. of chimneys Material of chimneys of lining

Kind of heat Type of fuel Is gas fitting involved?

Framing lumber—Kind Dressed or full size?

Corner posts Sills Girt or ledger board? Size

Material columns under girders Size Max. on centers

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

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

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

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

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

If a Garage

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

Total number commercial cars to be accommodated

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner American Can Co. By: John J. Maloney

Insp.

~~ORIGINAL~~

Permit No. 47/1230

Location 184 Reed Street

Owner American Can Co.

Date of permit 12/5/44

Notif. closing-in

Inspn. closing-in

Final Notif.

Final Inspn. 2/21/45

Cert. of Occupancy issued None

NOTES

2/21/45 - P.I.F. - a.g.

Rept. 4360D-I

March 23, 1944

American Can Company,
184 Read Street,
Portland, Maine

Subject: Building permit to cover construction of partitions in first story of the building of American Can Company at 184 Read Street.

Attention Mr. H. L. Heald

Gentlemen:

There is no information to show whether the floor on which these partitions are to be supported are supported upon the ground or are suspended construction.

If the latter, I presume you have investigated the strength of the existing framing and satisfied yourselves that it will support the load of the new tile partitions. Application calls for the partitions to be of 12-inch terra cotta tile to a height of 14 feet. The dead load of such a partition is rated at about 45 pounds per square foot of partition. Thus a height of 14 feet would make something over 800 pounds per running foot of bearing on the floor,-a very substantial load especially if it should land near the center of a slab or beam.

Very truly yours,

WMcD/H

Inspector of Buildings

CC: John H. Maloney,
Surf Rd., Cape Cottage

P.S. If this is suspended floor framing, and the question raised above requires an investigation of the strength or perhaps strengthening of it, please have the details of that investigation or strengthening filed here, the design being covered by a statement of design signed by the competent person who made it as per Section 104-b-3 of the Building Code.

INDUSTRIAL ZONE

APPLICATION FOR PERMIT

PERMIT ISSUED
Permit No. 6298

Class of Building or Type of Structure First Class

Portland, Maine, March 17, 1944 MAR 20 1944

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 184 Read Street Within Fire Limits? no Dist. No. 3-1757

Owner's ~~or Lessee's~~ name and address American Can Co., 184 Read Street Telephone ~~P-2411~~

Contractor's name and address John ~~Jerr~~ Maloney, Surf Rd., Cape Cottage Telephone

Architect Plans filed yes No. of sheets 1

Proposed use of building Factory No. families

Other buildings on same lot

Estimated cost $ 2,000. Fee $ 3.75

Description of Present Building to be Altered

Material brick No. stories 3-4 Heat Style of roof Roofing

Last use Factory No. families

General Description of New Work

To partition off new ladies room and toilet on first floor as per plan submitted
terra cotta tile 12" - 14' high

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? yes

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

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

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

Material of foundation Thickness, top bottom cellar

Material of underpinning Height Thickness

Kind of roof Rise per foot Roof covering

No. of chimneys Material of chimneys of lining

Kind of heat Type of fuel Is gas fitting involved?

Framing lumber—Kind Dressed or full size?

Corner posts Sills Girt or ledger board? Size

Material columns under girders Size Max. on centers

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

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

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

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

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

If a Garage

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

Total number commercial cars to be accommodated

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner By American Can Co.

INSPECTION COPY

Permit No. 44/198

Location 184 Pearl St.

Owner American Can Co.

Date of permit 3/23/44

Notif. closing-in

Inspn. closing-in

Final Notif.

Final Inspn. 7/18/44

Cert. of Occupancy issued None

NOTES

X

PERMIT ISSUED
Permit No. 0436
FEB 3

APPLICATION FOR ELEVATOR PERMIT

Portland, Maine, February 2, 1942

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

Location 184 Road Street Ward 9 Within Fire Limits? no Dist. No. ____

Owner's name and address American Can Co., 184 Road St. Telephone 3-5058

Elevator contractor's name and address Otis Elevator Co. 195 Fore St. No. families ____

Last use of building Factory No. families ____

Proposed use of building Factory

Material of outside walls of building brick, interior frame steel and concrete

No. of stories 3 Style of roof flat No. of existing elevators in building 3

Memorandum from Department of Building Inspection, Portland, Maine

184 Road St.--Elevator Installations by Otis Elevator Co. for American Can Co.
2/6/42

To Installer and Owner:

The Building Code provides:" Freight elevator cars shall be enclosed on all sides not used for entrance to a height of six feet(more is allowable), and provided with substantial metal cover. On all sides where entrances occur the cover shall be hinged to lift upward."

From the plans I have been unable to make sure that the hinged sections of covers of these cars are intended. Please see to it.

CC American Can Co.,
184 Road St.

(*Signed*) Warren McDonald
Inspector of Buildings

Will elevator be equipped with the following safety devices:—governor? yes, car safety? yes, electric brakes? yes, automatic terminal stops at top and bottom? yes, slack cable stops? yes, safety floor stops? yes

If Passenger Elevator

Passenger capacity? ____ Area of platform ____ Material of enclosure ____

No of entrances ____ Type of gates ____, interlocked? ____, automatic closing device? ____

Will elevator be automatic or will operator be in attendance? ____

Will doors in shaftway enclosure be interlocked? ____

If Freight Elevator

Area of platform 7'9"x9'3" 8'1"x21'0" No. of sides enclosed 3 Height of enclosure 7'8"

Will shaftway be enclosed? yes Self-closing hatch gates? yes, height? #1 7'10"

No. outside entrances to shaftway? no Self-closing slatted gates? ____, height? ____

Miscellaneous

Plans filed as part of this application? yes No. of sheets 2

Estimated cost of work by elevator contractor? $ 12,200-3,278 Fee $ 3.00

Otis Elevator Co.

Signature of elevator contractor By R E Colpitts

STATEMENT OF ELEVATOR TESTS

PORTLAND, MAINE, ____

I, ____, have personally supervised the installation of alterations to the elevator ____, hatchways and enclosures at ____ as permitted under Building Permit ____, and have personally supervised tests of loading capacity and of all brakes, interlocking and all other safety devices, and I do here state that, according to my best knowledge and belief, the elevator ____ will safely carry the maximum rated loading and all brakes, interlocking and other safety devices are in satisfactory condition.

as an employee of ____

____ (Signature)

PORTLAND, MAINE, ____

STATE OF MAINE

CUMBERLAND, SS:
Personally appeared the above named ____ and made oath the statements by him subscribed are true.

____ Notary Public Justice of the Peace

INSPECTION COPY

PERMIT ISSUED
Permit No. 0436
FEB 8

APPLICATION FOR ELEVATOR PERMIT

Portland, Maine, February 2, 1912

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install alter ____ elevator ____ in accordance with the Laws of the State of Maine, the Building Code of the City of Portland, plans and specifications submitted herewith, and the following specifications:

Location 184 Pond Street Ward 9 Within Fire Limits? no Dist. No. ____

Owner's name and address American Can Co., 184 Pond St.

Elevator contractor's name and address Otis Elevator Co. 495 Fore St. Telephone 3-5058

Last use of building Factory No. families ____

Proposed use of building Factory No. families ____

Material of outside walls of building brick, interior frame steel and concrete

No. of stories 3 Style of roof flat No. of existing elevators in building 3

Remarks

Details of Proposed Work

Extent of work by elevator contractor new freight elevator - relocate one existing freight elevator

Extent of work by owner prepare shaftway

Type of elevator electric freight, in new or existing shaftway new and existing

Shaftway enclosed or open enclosed No. elevator stops 4

Capacity of elevator new 15,000 old 6,000, Speed in feet per minute 100'

Material of cables steel No. and size of hoisting cables 8 - 3/4"

Location of machinery over hatchway Material of supports concrete and steel Guides concrete

Minimum diameter of sheaves 22" Minimum clearance counterweights and overhead beams 2'

Minimum clearance above car at topmost floor level 12' 2'

Minimum clearance buffer plates and springs when car is at lowest floor level 5'2"

Type of power electric Type of machine traction

Will elevator be equipped with the following safety devices:—governor? yes, car safety? yes, electric brakes? yes, automatic terminal stops at top and bottom? yes, slack cable stops? yes, safety floor stops? yes

If Passenger Elevator

Passenger capacity? ____ Area of platform ____ Material of enclosure ____

No. of entrances ____ Type of gates ____ interlocked? ____, automatic closing device? ____

Will elevator be automatic or will operator be in attendance? ____

Will doors in shaftway enclosure be interlocked? ____

If Freight Elevator

Area of platform 5'10"x9'3" 21'8"x9'10" No. of sides enclosed 3 Height of enclosure 7'0"

Will shaftway be enclosed? yes Self-closing hatch gates? yes, height? 2' 2'10"

No. outside entrances to shaftway? no Self-closing slatted gates? ____, height? ____

Miscellaneous

Plans filed as part of this application? yes No. of sheets 2

Estimated cost of work by elevator contractor? $ 12,200 2,278 Fee $ 3.00

Signature of elevator contractor Otis Elevator Co. By R. E. Colbert

10-5-2

STATEMENT OF ELEVATOR TESTS

PORTLAND, MAINE, ____

I, ____, have personally supervised the installation of alterations to the elevator ____, hatchways and enclosures at ____ as permitted under Building Permit ____, and have personally supervised tests of loading capacity and of all brakes, interlocking and all other safety devices, and I do here state that, according to my best knowledge and belief, the elevator ____ will safely carry the maximum rated loading and all brakes, interlocking and other safety devices are in satisfactory condition.

as an employee of ____

____ (Signature)

PORTLAND, MAINE, ____

STATE OF MAINE

CUMBERLAND, SS.

Personally appeared the above named ____ and made oath the statements by him subscribed are true.

____ Notary Public Justice of the Peace

INSPECTION COPY

Ward 9 Permit No 42/136 P

Location 184 Read St.

Owner American Can Co.

Date of permit 2/6/42.

Elev. Cont.

Statement of tests rec'd

Final Notif.

Final Inspn.

Certificate issued 3-17-51

NOTES

RECEIVED
OCT 25 1941
DEPT. OF BLDG. INSP.
CITY OF PORTLAND

AMERICAN CAN COMPANY

NEW YORK CENTRAL BUILDING
230 PARK AVENUE
NEW YORK

RECEIVED
OCT 25 1941
DEPT. OF BLDG. INSP.
CITY OF PORTLAND

Please make copies of letter 10/25/41

October 24, 1941

Mr. Warren McDonald
Dept. of Bldg. Inspection
Portland, Maine.

Re: File Rept. 362D-I

Dear Sir:

The writer wishes to confirm telephone conversation with you on Tuesday, October 7th, with reference to your letter of September 29th.

1. The writer agreed to have the Otis Elevator Co. furnish a steel grating over shaft, instead of a perforated plate.

2. The writer agreed to furnish one additional window in the penthouse, the same size as the other windows shown on drawing.

3. After the writer's explanation to you of the characteristics of the metal deck on roof of penthouse, as shown on the drawing, you approved its use.

It is the writer's understanding that Mr. Williams of Otis Elevator Co. has been in contact with you, since the above telephone conversation, in order to obtain your approval of the perforated plate which was delivered on the job. The writer would be interested to know what decision you made in regards to allowing its use.

Yours very truly,

A. B. Reiger
Engineering Dept.

jr

P. 41/1406-I

October 8, 1941

Subject: Question of type of platform under elevator machinery in American Can Co. building at 134 Read Street

Otis Elevator Company,
495 Fore Street
Portland, Maine

Attention Mr. Williams

Gentlemen:

As agreed with Mr. Williams I have looked up the matter of using as a platform under the above elevator machinery a steel plate perforated at close intervals with holes three-eighths of an inch in diameter. These holes seem rather small to me to insure the quick passage of heat in case of fire in the elevator shaft itself to reach the ventilating windows above, but in this particular case the question seems to be rather academic due to the fact that the construction of the building is superior fireproof construction and the building is also sprinklered.

Since you have this plate already on the job, and I am not prepared to say that these holes will not do the trick, I have decided that we will accept the arrangement.

I shall attempt to accumulate definite data about the percentage of area of shaft necessary to be open to properly ventilate the shaft in case of fire in it, and will let you know my findings and what conditions will be acceptable in the future.

The Building Code of the City of New York seems to require a total ventilating area through such a floor of at least 288 square inches, which is, of course, two square feet. I have known other regulations where, if a solid floor were used under the machinery, it could only cover one-half of the area of the shaftway and the other half would be required to be wide open, properly protected.

Mr. Heiser of the American Can Company has a copy of this letter.

Very truly yours,

WJcD/H

Inspector of Buildings

CC: A. B. Heiser,
Engineering Dept., American Can Co.
230 Park Avenue, N. Y.

Dear Mr. Heiser: The above will explain my conclusion about the platform under the machinery at your plant on Read Street, referring to our conversation over the telephone of October 7th.

Rept. 36.E-1

September 30, 1941

American Can Company,
184 Read Street,
Portland, Maine

Gentlemen:

We are issuing a building permit to John J. Maloney Company covering extension and alterations in your elevator shaft No. 3 at 184 Read Street. The matters indicated below either are not indicated or do not appear to comply with the Building Code. Please acknowledge receipt of this letter and indicate that these requirements are understood or perhaps that your drawings are not being correctly interpreted here.

1. Plan at machinery floor level indicates a one-eighth inch steel plate floor. Section AA indicates a one-eighth inch iron grating floor. I presume the grating floor is intended. Our Code requires that it be a grating with openings except those for cables not larger than one and one-half inches and that the strength of the grating be such that it would support a load of 300 pounds concentrated at any point. The openings to accommodate cables are supposed to have raised lips.

2. This glass area above the grating is required to equal no less than three-quarters of the area of the shaft. The area of the shaft appears to be something over 14,000 square inches, three-quarters of which would be about 10,500. I can only find slightly under 7400 square inches of glass. The windows lower down in the shaft even though they are outside windows could not be counted as a part of this pent house vent area. The glass in these windows must not be thicker than three-sixteenth of an inch and must be plain glass without wire.

3. I am not familiar with the type of construction indicated for the roof of the pent house but it is required to have a fire resistance of at least one hour.

An extra copy of this letter is enclosed for your convenience.

Very truly yours,

Inspector of Buildings

Wlcd/h
CC: John J. Maloney Co.
52 Elsmere Avenue
So. Portland, Maine

INDUSTRIAL ZONE

APPLICATION FOR PERMIT

PERMIT ISSUED
Permit No. 1456
SEP 29 1941

Class of Building or Type of Structure First Class

Portland, Maine, September 27, 1941

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 184 Reed Street Within Fire Limits? no Dist. No.

Owner's or lessee's name and address American Can Co. 184 Reed St. Telephone

Contractor's name and address John J. Maloney Co., 52 Elsmore Ave. So. Portland Telephone 27575

Architect Plans filed yes No. of sheets 2

Proposed use of building Factory No. families

Other buildings on same lot

Estimated cost $ 4200. Fee $ 4.50

Description of Present Building to be Altered

Material brick No. stories 3 Heat Style of roof Roofing

Last use Factory No. families

General Description of New Work

To extend existing elevator (center elevator) shaftway up thru roof of building as per plans

[illegible] capacity 300# at any floor [illegible]

Skylights [illegible] 13X19 = 247 sq in OK.

2x 13x24 = 7410 sq in glass

Area of lighting = 18x9.6 1X144 = 14, sq in

3539

3/4 x 7410 = 10617 glass [illegible]

Fire proof [illegible] and lighting in [illegible] walls.

[illegible] ventilation, fire resistance

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

Details of New Work

Is any plumbing work involved in this work?

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

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

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

Material of foundation Thickness, top bottom cellar

Material of underpinning Height Thickness

Kind of roof Rise per foot Roof covering Reinforced concrete

No. of chimneys Material of chimneys of lining

Kind of heat Type of fuel Is gas fitting involved?

Framing lumber—Kind Dressed or full size?

Corner posts Sills Girt or ledger board? Size

Material columns under girders Size Max. on centers

Studs (outside walls and carrying partitions) 2x1-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof span over 8 feet. Sills and corner posts all one piece in cross section.

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

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

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

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

If a Garage

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

Total number commercial cars to be accommodated

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner By American Can Co. John J. Maloney

INSPECTION COPY

Permit No. 41/1466 P

Location 184 Raad St.

Owner American Can Co

Date of permit 9/29/41

Notif. closing-in

Inspn. closing-in

Final Notif.

Final Inspn. INSPECTION NOT COMPLETED

Cert. of Occupancy issued

NOTES

2/11/40 [illegible]

AMERICAN CAN COMPANY
NEW YORK CENTRAL BUILDING
230 PARK AVENUE
NEW YORK

RECEIVED
JUN 18 1941
DEPT. OF BLD'G. INSP.
CITY OF PORTLAND

RECEIVED
1941
DEPT. OF BLD'G. INSP.
CITY OF PORTLAND

RECEIVED
JUN 1
DEPT. OF B. . . INSP.
CITY OF

June 16, 1941.

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

Dear Sir:

Your letter of April 17th to our Company at 184 Read Street, Portland, Maine was received by the factory and forwarded by Mr. Winton, our Superintendent, to the writer on April 23. Due to pressure of work at this time, we were unable to find time to inspect this tank strength and was again checked up by Mr. Winton on May 22nd. Since this time we have made an inspection of the strength of this tank to withstand earthquake stress.

A number of our western factories are in cities compelling us to recognize earthquake stress and we believe the building code of San Diago is an ideal code, and it must be recognized that if the tower is made too stiff it will not vibrate and the rapidly alternating impulses to which the tank will be subjected when there is an earthquake will cause more damage than if the tower was not reinforced. However, this was recognized by the Insurance authorities when they attempted to make tests on small models.

We are enclosing two photostats of our design sheets investigating this tower.

We find that when the tower was constructed the bottom horizontal member on all four sides was made a tension rod. When the earthquake force is applied at the base of the tower, this member is inoperative, thus causing the bottom length of the tank tower post to act as a cantilever fixed at both ends. The tank structure would not be safe under these conditions and we have asked the Chicago Bridge and Iron Works, who constructed this tank in 1917, to give us an estimate for changing the present bottom horizonal member to stiff legs, consisting of two six inch channels 8.2# laced together at a distance of 6-7/8" back to back. This is the same as the horizontal intermediate strut. When the tank tower is thus reinforced it will be more than good to take earthquake stress as required by the SanDiago Building Code.

Maximum span _____ 1st floor _____
If one story building with masonry walls, thickness of walls? _____ height _____

If a Garage

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

Miscellaneous

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

Signature of owner American Can Co.
By [signature]

INSPECTION COPY

After looking over our design sheets and suggestions, we would be interested to hear from you as to whether our proposal meets with your approval.

Yours very truly,

A. B. Heiser
Engineering Dept.

jr
enc

cc: Mr. Chas. Winton

Maximum span 1st floor

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

If a Garage

No. cars now accommodated on same lot to be accommodated

Total number commercial cars to be accommodated

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner American Can Co.

By

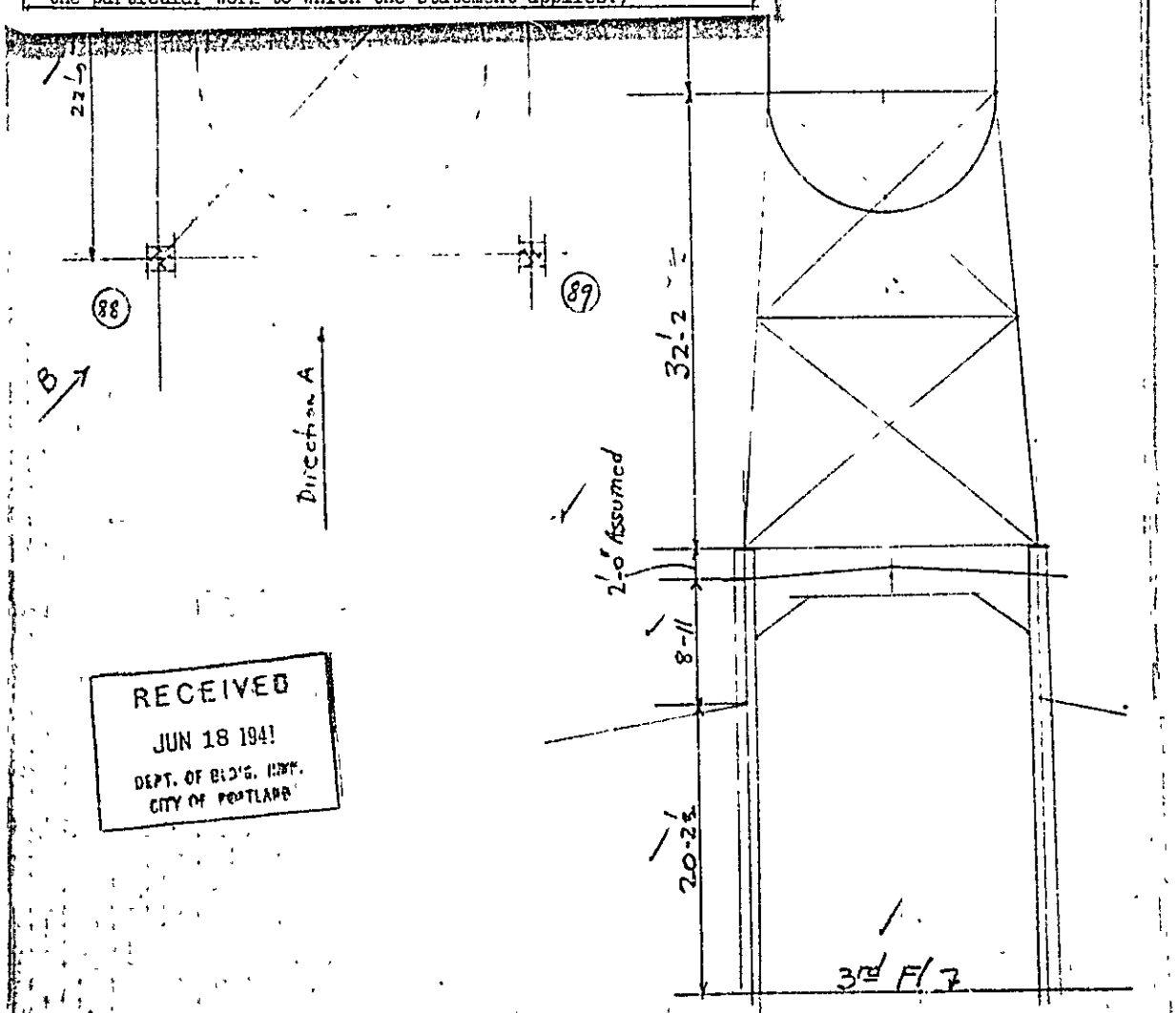
INSPECTION COPY

...ets) and the specifications accompany-
...ing ~~construction work on~~ investigation
...k tower
...e 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) Alfred D. Hogan

By

(This statement is to be signed by the individual responsible for the design, and he should indicate in the blank provided the particular work to which the statement applies.)



RECEIVED
JUN 18 1941
DEPT. OF BLDG. INSP.
CITY OF PORTLAND

DATE 6-11-41

AMERICAN CAN COMPANY

Investigate Tank for Earthquake

FACTORY Maine

SHEET NO. D17

Form No. 2058 MADE IN U.S.A.

Maximum span 1st floor

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

If a Garage

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

Total number commercial cars to be accommodated

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

Miscellaneous

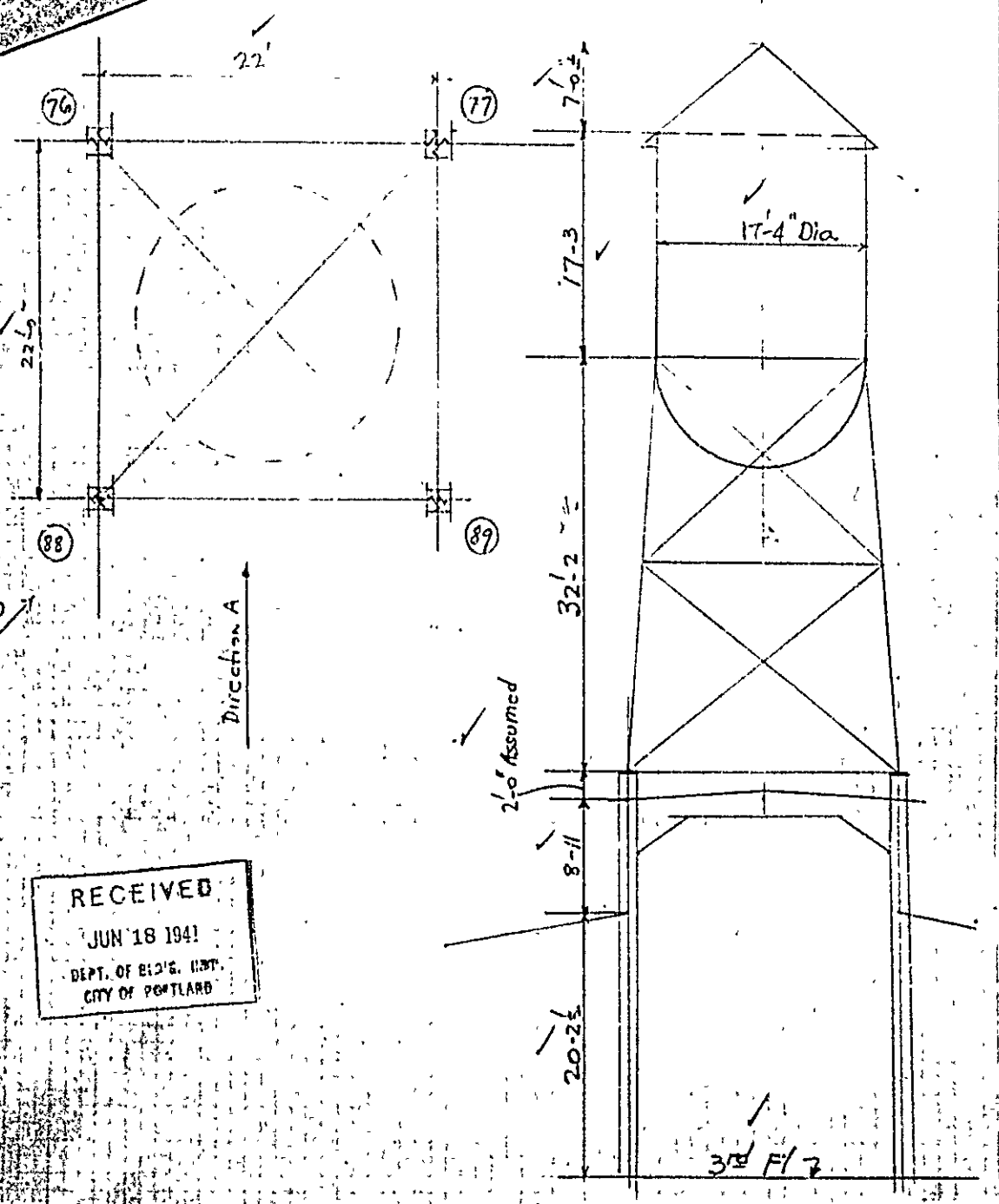
Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner American Can Co.

By In L. Heald

INSPECTION COPY



RECEIVED
JUN 18 1941
DEPT. OF BLDG. INSP.
CITY OF PORTLAND

DATE 6-11-41

AMERICAN CAN COMPANY

FACTORY Maine

Investigate Tank for Earthquake

Form No. 2068 MADE IN U.S.A.

SHEET NO. D17

Maximum span?

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

If a Garage

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

Total number commercial cars to be accommodated _____

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner American Can Co.

By M. L. Heald

INSPECTION COPY

Using San Diego, Cal. Code as a basis. figure

① Horizontal force in any direction equal to 2% of vertical load; or,

② Hor. force of wind at 15 #/□' projected area.

Tank has capacity of 40,000 gals.

40,000 × 10# = 400,000

① .02 × 400,000 = 8000 #

② $\frac{17.33}{2} \times 7 = 61$

17.33 × 17.25 = 299

$\frac{1}{2} \times \frac{\pi}{4} \times 17.33^2 = 118$

478 □' × 15# = 7170 #

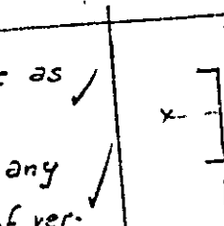
∴ use 8000 # as hor. force

Direction "A"

Investigate Tank Cols for force of 8000# turned thru 45° (4 cols) and consider col length of 16' with fixity at both ends.

$\frac{8000}{4} \times 1.414 = 2830$ #

$Mom = \frac{2830 \times 12'' \times 16'}{2} = 272{,}000$ in #



10" [s 15.3# laced. from Ketchum Table 19

$I_{Y-Y} = 176.4$

$I_{X-X} = 133.8$

Stress due to bendg = $\frac{272000}{2 \times 13.4} = 10140$

Direct = $\frac{100000}{2 \times 4.47} = \frac{11200}{21340}$ #/□"

$r = \sqrt{\frac{I}{a}} = \sqrt{\frac{133.8}{8.92}} = 3.87$

$\frac{l}{r} = \frac{16' \times 12}{3.87} = 49.5$ allowable stress = 15000 #/□"

If additional struts midway were added, then

bending stress = $\frac{10140}{2} = 5070$

Direct = $\frac{11200}{16270}$ #/□"

AMERICAN CAN COMPANY

FACTORY Maine

DATE 6-11-41 AOD

Investigation Tank Tower

SHEET NO. D17a

FORM NO. 2068 MADE IN U.S.A.

Maximum span? ____ Height? ____

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

If a Garage

No. cars now accommodated on same lot ____ to be accommodated ____

Total number commercial cars to be accommodated ____

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner American Can Co.

By Jm L Heald

INSPECTION COPY

Direction B

2 cols with $I_{x-x} = 2 \times 133.8 = 267.6$

2 cols with $I_{y-y} = 2 \times 176.4 = 352.8$

620.4

cols with $I_{y-y} = \frac{176.4}{620.4} = 28.5\%$ (76) (89)

$I_{x-x} = \frac{133.8}{620.4} = \frac{21.5}{50}$ (77) (88)

Col (76) (89)

$\frac{8000 \times .285 \times 16 \times 12''}{2} = 219{,}000 \text{ in}^2$

3.75
2.62
6.37

$\frac{I}{c} = \frac{176.4}{6.37} = 27.7 \text{ in}^3$

Bending $= \frac{219000}{27.7} = 7900$

Direct $= \frac{10000}{2 \times 4.47} = \frac{11200}{19100}$ #/□"

Cols (77) (78)

$\frac{8000 \times .215 \times 16' \times 12''}{2} = 165{,}000 \text{ in}^4$

$\frac{165000}{2 \times 13.4} = 6160$

Direct $= \frac{11200}{17360}$ #/□"

Concrete col. in Direction A

Bending Mom

$\frac{8000}{4} \times \frac{9' \times 12'}{2} = 108000 \text{ in}^4$

Bending

$\frac{108000}{\frac{1}{6} \times 20 \times 18^2} = 100$

Direct Tank 100000

Roof, $22 \times 17 \times 110 = 29000$

$\frac{129000}{20 \times 20} = \frac{322}{432}$ #/□" comp.

Steel $\frac{100000}{\frac{7}{8} \times 18} = \frac{6850}{16000} = .43$ □"

2 - 3/4" furn. = 1.12 □"

DATE 6-11-41 AOR

FORM NO. 2068 MADE IN U.S.A.

AMERICAN CAN COMPANY

Investigation Tank Tower

FACTORY Maine

SHEET NO. D17b

Maximum span _____ height _____

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

If a Garage

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

Total number commercial cars to be accommodated _____

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

Miscellaneous

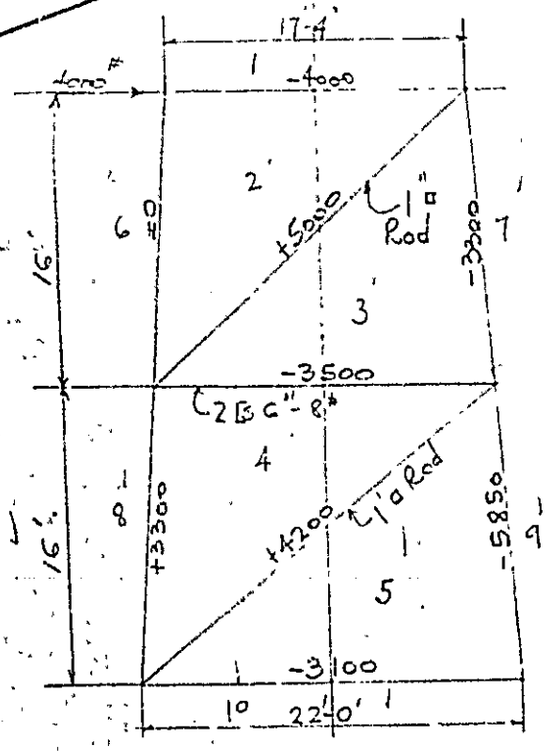
Will above work require removal or disturbing of any shade tree on a public street? no

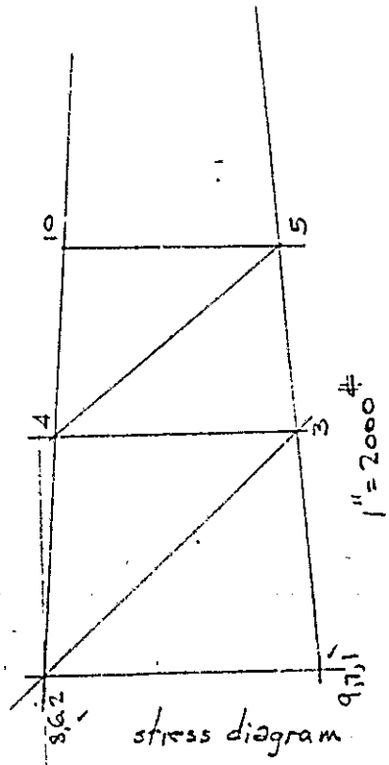
Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? yes

Signature of owner American Can Co.

By Jr L. Heald

INSPECTION COPY





Member 3-4

Mom A

$2.39 \times 0.52 = 1.243$

$2.39 \times 7.395 = 17.674$

$\frac{18.917}{4.78} = 3.96''$

$3.96 \times .52 = 3.44$

$7.395 + \frac{3.96}{3.435} = 7.395$

$I = 13.0$

$2.39 \times 3.435^2 = 28.2$

41.2

82.4

$r = \sqrt{\frac{I}{a}} = \sqrt{\frac{82.4}{4.78}} = 4.15$

but r in other dir = 2.34

$\frac{l}{r} = \frac{17.17 \times 12}{2.34} = 88$

$p = 12585$ #/□"

$4.78 \times 12585 = 60{,}100$ #

OK

Member 5-10

If same section as for 3-4 is used

$\frac{l}{r} = \frac{22 \times 12}{2.34} = 113.0$ OK.

DATE 6-12-41 AOD

FORM NO. 2066 MADE IN U.S.A.

AMERICAN CAN COMPANY

Investigation Tank Tower

FACTORY Maine

SHEET NO. D17C

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

If a Garage

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

Total number commercial cars to be accommodated _____

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner American Can Co.

By W. L. Heald

INSPECTION COPY

(I) INDUSTRIAL ZONE

APPLICATION FOR PERMIT

PERMIT ISSUED

Permit No. 1149

AUG 13 1941

Class of Building or Type of Structure First Class

Portland, Maine, August 12, 1941

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 184 Read Street Within Fire Limits? no Dist. No.

Owner's or Lessee's name and address American Can Co., 184 Read St. Telephone 3-1751

Contractor's name and address Owner Telephone

Architect Plans filed yes No. of sheets 4

Proposed use of building Factory No. families

Other buildings on same lot

Estimated cost $ 2,000 Fee $ 3.75

Description of Present Building to be Altered

Material brick No. stories 3 Heat Style of roof Roofing

Last use Factory No. families

General Description of New Work

To change supports of water tower on top of building as per plans submitted

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

Details of New Work

Is any plumbing work involved in this work?

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

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

To be erected on sand 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 Type of fuel Is gas fitting involved?

Framing lumber—Kind Dressed or full size?

Corner posts Sills Girt or ledger board? Size

Material columns under girders Size Max. on centers

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

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

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

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

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

If a Garage

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

Total number commercial cars to be accommodated

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner American Can Co.

By M. L. Heald

INSPECTION COPY

Permit No 41/1149

Location 184 Read St.

Owner American Can Co

Date of permit 8/13/41.

Notif. closing-in

Inspn. closing-in

Final Notif.

Final Inspn. 10/30/41

Cert. of Occupancy issued

NOTES

10/30/41 P.I.T.

I) INDUSTRIAL ZONE

APPLICATION FOR PERMIT

Permit No. PERMIT ISSUED

Class of Building or Type of Structure _____

Portland, Maine, October 14, 1940 OCT 15 1940

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 184 Read Street Within Fire Limits? no Dist. No. _____

Owner's or Lessee's name and address ~~American Can Co., 184 Read Street~~ W. O. Eldridge Telephone ~~3-1751~~

Contractor's name and address _____ Telephone _____

Architect _____ Plans filed yes No. of sheets 1

Proposed use of building Factory No. families _____

Other buildings on same lot _____

Estimated cost $ 4,000 Fee $ 3.75

Description of Present Building to be Altered

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

Last use Factory No. families _____

General Description of New Work

To provide new reinforced concrete floor, first floor, 44' x 44' (northeast corner) where former boiler room was located

BUILDING MUST BE FINISHED BEFORE LATHING OR CLOSING-IN IS WAIVED.
CERTIFICATE OF OCCUPANCY MUST BE PRESENT IS WAIVED

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

Details of New Work

Is any plumbing work involved in this work? _____

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

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

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

Material of foundation _____ Thickness, top _____ bottom _____ cellar _____

Material of underpinning _____ Height _____ Thickness _____

Kind of Roof _____ Rise per foot _____ Roof covering _____

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

Kind of heat _____ Type of fuel _____ Is gas fitting involved? _____

Framing Lumber—Kind _____ Dressed or Full Size? _____

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

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

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

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

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

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

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

If a Garage

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

Total number commercial cars to be accommodated _____

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

American Can Co.

Signature of owner _____

By

INSTRUCTION COPY

Permit No 40/1595 P

Location 184 Read St.

Owner American Can Co.

Date of permit 10/15/40

Notif. closing-in

Inspn. closing-in

Final Notif.

Final Inspn. 12/12/40

Cert. of Occupancy issued None

NOTES

12/12/40 – Workdone-Ok'd

FILL IN COMPLETELY AND SIGN WITH INK

Permit No. PERMIT ISSUED

APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

JUL 26 1940

Portland, Maine, July 26, 1940

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 184 Read Street Use of Building Boiler House No. Stories 1 New Building ~~Existing~~

Name and address of owner of appliance American Can Company, 184 Read St.

Installer's name and address Erie City Iron Works, Erie, Pa. Telephone

General Description of Work

To install two high pressure steam boilers

IF HEATER, POWER BOILER OR COOKING DEVICE

Is appliance or source of heat to be in cellar? no If not, which story 1st Kind of Fuel oil

Material of supports of appliance (concrete floor or what kind) concrete

Minimum distance to wood or combustible material, from top of appliance or casing top of furnace, no woodrok in boiler house

from top of smoke pipe from front of appliance from sides or back of appliance

Size of chimney flue outside stack Other connections to same flue

IF OIL BURNER

Name and type of burner Todd Labeled and approved by Underwriters' Laboratories?

Will operator be always in attendance? Type of oil feed (gravity or pressure)

Location oil storage No. and capacity of tanks

Will all tanks be more than seven feet from any flame? How many tanks fireproofed?

Amount of fee enclosed? 1.50 ($1.00 for one heater, etc., 50 cents additional for each additional heater, etc., in same building at same time.)

Signature of Installer Erie City Iron Works, By E E Raygor

INSPECTION COPY

7491

Sec 40/762

Permit No. 40/1018

Location 184 Read Street

Owner American Can Co.

Date of Permit 7/26/40.

Post Card sent

Notif for inspn.

Approval Tag issued 12/12/40

Oil Burner Check List (date)

1. Kind of heat
2. Label
3. Anti-siphon
4. Oil storage
5. Tank distance
6. Vent Pipe
7. Fill Pipe
8. Gauge
9. Rigidity
10. Feed safety
11. Pipe sizes and material
12. Control valve
13. Ash pit vent
14. Temp. or pressure safety
15. Instruction card
16.

NOTES

(I) INDUSTRIAL ZONE

APPLICATION FOR PERMIT

Permit No. PERMIT ISSUED 0762

Class of Building or Type of Structure First Class

Portland, Maine, June 11, 1940

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 184 Road Street Ward 9 Within Fire Limits? no Dist. No.

Owner's or Lessee's name and address American Can Co., 184 Road St. Telephone 3-4731

Contractor's name and address Owner Telephone

Architect Plans filed yes No. of sheets 3

Proposed use of building Boiler House No. families

Other buildings on same lot Factory, garage

Estimated cost $ 7500/ Fee $ 5.00

Description of Present Building to be Altered

Material No. stories Heat Style of roof Roofing

Last use No. families

General Description of New Work

To build one story, brick and steel building app. 43' x 43' as per plans

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

Details of New Work

Height average grade to top of plate yes

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

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

Material of foundation Thickness, top bottom

Material of underpinning Height Thickness

Kind of Roof Rise per foot Roof covering Tar and gravel 5 ply

No. of chimneys 1 Material of chimneys brick (metal - 125' high) Lining fire brick

Kind of heat Type of fuel Is gas fitting involved?

Corner posts Sills Girt or ledger board? Size

Material columns under girders Size Max. on centers

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

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

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

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

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

If a Garage

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

Total number commercial cars to be accommodated

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner American Can Co. By Walter A. E. Schaefer

INSPECTION COPY

71446

Ward 9 Permit No. 40/762 P

Location 184 Reed St.

Owner American Can Co.

Date of permit 6/14/40.

Notif. closing-in

Inspn. closing-in

Final Notif.

Final Inspn.

Cert. of Occupancy issued

NOTES

7/24/40 - Foundation in & slab built, ready for relaying [illegible] permit [illegible]

12/12/40 - Work done [illegible]

Rept. 6733C-I

May 6, 1940

American Can Company,
184 Read Street,
Portland, Maine

Attention Mr. Walter O. Eldredge

Gentlemen:

Enclosed is the building permit covering construction of your proposed one story brick garage at 184 Read Street, issued subject to the following:

1. It is assumed that no repairs are to be made in this building to motor vehicles other than those habitually stored therein. Otherwise the unprotected joisted construction in the roof would not be in compliance with the Building Code.

2. The concrete trench walls are required to be at least one inch more in thickness than the masonry wall above them in every case. The plan shows eight inch thickness of wall and eight inch thickness of masonry above. The same would apply where pilasters occur.

3. It is assumed that the indication of "five-ply roofing" means tar and gravel. Metal anchors from roof members to masonry walls are required not more than eight feet from center to center, to be bar anchors not less than one and one-half inch by three eighths of an inch and not less than 16 inches long fastened to the bottom of the wooden member and built into the masonry, and wherever joists run parallel to wall to be long enough to engage the bottoms of at least three joists. Suitable bearing plates fastened into the wall and to which the heavy timbers are fastened may be substituted for bar anchors, but they would be ten feet from center to center thus necessitating at least one anchor between them.

4. It is fairly unusual to use such small joists as the 2x6's proposed in the roof of Long Leaf Yellow Pine. If such material is actually to be used, the 2x6's work out all right. If the joists were to be some other material such as native spruce or hemlock of Western fir, they would not work out right even at sixteen inches centers. It would probably be necessary to use 2x8's but they could be 24 inches centers. If any change is made in this connection, please notify us before that part of the work is commenced.

5. It is assumed that the rear wall of the garage will be the one toward the factory building. Since this wall is closer than 30 feet to the factory building, it will be necessary to use metal sash and wire glass in these openings.

6. If there are to be any floor drains in the garage, they are required to be equipped with suitable grease and oil traps as provided in the Plumbing Code.

7. Before the garage is occupied a certificate of occupancy from this department is required following final inspection, and before notice of readiness

for final inspection is given, fire extinguishers and other safety devices should be provided as stipulated in Section 417 of the Building Code, copy attached hereto.

Very truly yours,

WMcD/H

Inspector of Buildings

APPLICATION FOR PERMIT

Permit No. 6478

Class of Building or Type of Structure ~~Mixx~~ Second Class

MAY 6 1940

Portland, Maine, April ~~May~~ 1, 1940

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 184 Read Street Ward 9 Within Fire Limits? no Dist. No.

Owner's ~~or lessee's~~ name and address American Can Co., 184 Read St. Telephone 3-1751

Contractor's name and address Owner Telephone

Architect Owner Plans filed yes No. of sheets 1

Proposed use of building 6 car garage No. families

Other buildings on same lot Canning factory

Estimated cost $1500 Fee $ 2.50

Description of Present Building to be Altered

Material No. stories Heat Style of roof Roofing

Last use No. families

General Description of New Work

To erect one story brick building 24' x 61'6" as per plan
(present g

(Contractor's name)

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. no

Details of New Work

Size, front depth No. stories Height average grade to top of plate yes

Height average grade to highest point of roof

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

Material of foundation concrete trench wall Thickness, top bottom

Material of underpinning Height Thickness

Kind of Roof flat Rise per foot Roof covering TAR 5 ply

No. of chimneys no Material of chimneys of lining

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

Corner posts Sills Girt or ledger board? Size

Material columns under girders Size Max. on centers

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

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

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

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

If one story building with masonry walls, thickness of walls? 8" - 12" pilasters height? 9'6"

If a Garage

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

Total number commercial cars to be accommodated

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? none

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

American Can Co.

Signature of owner By Walter O. Edwards Jr.

INSPECTION COPY

Chas. U. Speirbrecker

CHIEF OF FIRE DEPT.

Ward 9 Permit No. 40478 P

Location 184 Pead St.

Owner American Can Co

Date of permit 5/6/40

Notif. closing-in

Inspn. closing-in

Final Notif.

Final Inspn. 12/12/40 - OK.

Cert. of Occupancy issued 12/13/40

NOTES

5/11/40 - No work started

5/17/40 - Same - TC

5/20/40 - Same - TC

6/3/40 - No C.O. yet

7/5/40 - Work not completed - TC

AUTOMATIC SPRINKLER SYSTEMS
UNIT HEATERS AND SPECIALTIES
AIR CONDITIONING EQUIPMENT

GRINNELL COMPANY
INC.
EXECUTIVE OFFICES PROVIDENCE, R. I.

PIPE, FITTINGS AND VALVES
PLUMBING AND HEATING MATERIAL
PREFABRICATED PIPING AND SUPPLIES

131 STATE STREET
BOSTON, MASS.

IN REPLY REFER TO

August 2, 1940

RECEIVED
AUG 3 1940
DEPT. OF BLD'G. INSP.
CITY OF PORTLAND

Mr. Warren McDonald
Inspector of Buildings
Portland, Maine

Dear Mr. McDonald: AMERICAN CAN COMPANY

With reference to our letter written by Mr. F. P. Stearns yesterday, I would like to clear up the question of insurance approval being stamped on the plans.

The Factory Insurance Association is composed of Stock Insurance Companies, the same as the New England Fire Insurance Rating Association, so in this case, there was no objection by the Rating Association to stamping the plans.

Quite a different situation would arise if a risk were insured in the Associated Factory Mutual Companies, Improved Risks Mutuals, Reciprocal Underwriters, Lumber Mutuals, simply to name a few, and the Rating Association could not be asked and would have no right to put their approval on plans where the risk was insured in other than their own Companies.

It is true that most of the insurance in Portland is in the New England Fire Insurance Rating Association (formerly known as New England Insurance Exchange), but we wanted to get this picture through to you so that there would be no misunderstanding in the event that we have occasion to install sprinklers in plants where the insurance is placed elsewhere.

You might let us know, if you will, on what basis we should figure the cost of the permit.

Very truly yours,
GRINNELL COMPANY, INC.

E. P. Stearns

E. P. Stearns
Department Manager

EPS:M

GRINNELL COMPANY
INC.
EXECUTIVE OFFICES PROVIDENCE, R. I.
131 STATE STREET
BOSTON, MASS.

AUTOMATIC SPRINKLER SYSTEMS
UNIT HEATERS AND SPECIALTIES
AIR CONDITIONING EQUIPMENT

PIPE, FITTINGS AND VALVES
PLUMBING AND HEATING MATERIAL
PREFABRICATED PIPING AND SUPPLIES

IN REPLY REFER TO-

August 1, 1940

RECEIVED
AUG 2 1940
DEPT. OF BLDG. INSP.
CITY OF PORTLAND

Mr. Warren McDonald
Inspector of Buildings
Portland, Maine

Dear Mr. McDonald: File P. 40/278-I
American Can Co.

We are enclosing sprinkler plans for the above which bear the stamp of approval of the New England Fire Insurance Rating Association which is the same as the New England Insurance Exchange.

Trusting you will find these in order, we remain

Very truly yours,
GRINNELL COMPANY, INC.

F. P. Stearns
F. P. Stearns
Contracting Engineer

Enc.
FPS:M

Ok. file with Am. Can. Co. get. note change in name of N.E. Ins. Exchange
8/2/40

AUTOMATIC SPRINKLER SYSTEMS
UNIT HEATERS AND SPECIALTIES
AIR CONDITIONING EQUIPMENT

GRINNELL COMPANY
INC.

PIPE FITTINGS AND VALVES
PLUMBING AND HEATING MATERIAL
PREFABRICATED PIPING AND SUPPLIES

EXECUTIVE OFFICES PROVIDENCE, R I

IN REPLY REFER TO-

131 STATE STREET
BOSTON, MASS.

July 25, 1940

Mr. Warren McDonald
Superintendent of Buildings
Portland, Maine

Dear Sir: Re. AMERICAN CAN COMPANY

Our Providence office has sent me plan of some work we are now doing at the above, and as they find this was never sent through to you, we are enclosing same, bearing the approval of the Factory Insurance Association.

Providence will see that application will be made in the future and plans submitted on all work we are to do in Portland.

Very truly yours,
GRINNELL COMPANY, INC.

E. P. Stearns
Department Manager

EPS:M
cc Mr. L. B. Wilcox,
Construction Dept.
Providence office

RECEIVED
JUL 26 1940
DEPT. OF BLD'G. INSP.
CITY OF PORTLAND

EXCLUSIVE SALES COMPANY FOR THE GENERAL FIRE EXTINGUISHER COMPANY.

File original

AMERICAN CAN COMPANY

PORTLAND, MAINE

Mar. 30, 1940.

City of Portland, Maine,
Department of Building Inspection.

RECEIVED
APR 1 1940
DEPT. OF BLDG. INSP.
CITY OF PORTLAND

Att. Mr. Warren McDonald,
Inspector of Buildings.

Dear Sir:

This will acknowledge receipt of the building permit for our proposed warehouse and accompanying letter wherein you list minor changes you wish to be made in the present plans. The letter is being forwarded on to our Mr. A. B. Heiser in New York City.

Mr. Heiser expects to be in Portland about April 8th. He will go over the requested changes with you at that time, settleing same to your satisfaction.

Very truly yours,

Walter O Eldredge

P. 40/238-I

July 31, 1940

E. P. Stearns,
Department Manager,
Grinnell Co., Inc.
151 State Street,
Boston, Mass.

Dear Mr. Stearns:

I have Grinnell Company plans of the sprinkler system for the warehouse of the American Can Company in this city, but the plans bear the approval stamp of the Factory Insurance Association.

Our Code provides specifically that such sprinkler plans must bear the stamp of approval of the New England Insurance Exchange.

The prints are enclosed herewith. I wonder if you will be kind enough to have the approval stamp of the New England Insurance Exchange affixed, and return them, so that this job may be cleared up. I find that the sprinkler system for the American Can Company job was included in the original building permit for the building, so that no additional permit covering the system is needed.

I have no doubt that the Factory Insurance Association approval is as authoritative as that of the New England Insurance Exchange, but our Code is specific.

Very truly yours,

Inspector of Buildings

WMcD/H

Mr. Hersey & Mr. Heald
into today and agree
to notations in red
4/5/49

Rept. 6568C-I

March 28, 1949

American Can Company,
184 Road Street,
Portland, Maine

Attention Walter O. Eldredge
Superintendent of Construction

Gentlemen:

Enclosed is the building permit covering construction of the proposed one story addition for warehouse use, attached to your factory at 184 Road Street.

There are the following minor discrepancies and questions about which I shall appreciate answers in writing:

1. It is our understanding that the addition is to be used for storage and shipping only and that the materials stored are to be substantially of incombustible nature.

2. Our Code does not allow less than two risers in any run of stairs. Apparently there is only one riser at the foot of the stairs from the trucking space to the main floor.

3. I have found no specification for the roofing other than four-ply and five-ply. On account of the large area the addition must be at least of mill construction, and that class of construction calls for either incombustible roof covering or tar and gravel. If gravel surface is not to be used, the felts would have to be asbestos rather than rag. Obviously gravel cannot be used on the sloping roof over the end bay. Asbestos felts, metal roofing or asbestos shingles (if roof is steep enough) may be used on this sloping roof.

4. The vertical frame wall, about 20 feet long, maximum height four or five feet at the northeast end of this sloping roof is not allowable in mill construction, nor the asphalt shingles as an outside covering of it. This wall is required to be of incombustible material throughout its thickness. An all metal wall covered on one or both sides with metal, asbestos protected or not, or similar construction would meet the needs. If a masonry wall were used at this point, probably the steel supporting it would have to be fireproofed. Wood frame construction in the low curb walls of the skylights ~~are~~ acceptable, but I presume the outside covering is of metal or incombustible material which is required.

Please be governed accordingly. An extra copy of this letter is enclosed.

Very truly yours,

WMcD/H

Inspector of Buildings

(I) INDUSTRIAL ZONE

APPLICATION FOR PERMIT

Permit No. 6278

Class of Building or Type of Structure Second

Portland, Maine, March 23, 1940

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 184 Road Street Within Fire Limits? no Dist. No.

Owner's or Lessee's name and address American Can Co., 184 Road Street Telephone 3-0751

Contractor's name and address Owner Telephone

Architect Plans filed yes No. of sheets 10

Proposed use of building Factory No. families

Other buildings on same lot

Estimated cost $ 100,000. Fee $ 75.00

Description of Present Building to be Altered

Material concrete No. stories 3 Heat steam Style of roof flat Roofing T&G

Last use Factory No. families

General Description of New Work

To build one story brick addition app. 186' x 264'

Entire addition to be sprinklered to be covered under amendment to this permit

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? yes

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

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

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

Material of foundation Thickness, top bottom cellar

Material of underpinning Height Thickness

Kind of Roof flat Rise per foot Roof covering Tar and gravel 5 ply

No. of chimneys Material of chimneys of lining

Kind of heat steam from existing plant Type of fuel Is gas fitting involved?

Framing Lumber—Kind Dressed or Full Size?

Corner posts Sills Girt or ledger board? Size

Material columns under girders Size Max. on centers

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

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

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

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

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

If a Garage

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

Total number commercial cars to be accommodated

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

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no

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

Signature of owner American Can Co.

By Walter O Eldredge

INSTRUCTION COPY

CHIEF OF FIRE DEPT.

Permit No. 40/278

Location 184 Read St.

Owner American Can Co.

Date of permit 3/28/40.

Notif. closing-in

Inspn. closing-in

Fit. Notif.

Final Inspn. 9/27/40

Cert. of Occupancy issued None

NOTES

4/5/40 - Work started - Q.S.C.

4/18/40 - Putting in [illegible] foundations - Q.S.C.

4/17/40 - [illegible] - Q.S.C.

5/14/40 - Erecting steel - Q.S.C.

5/20/40 - Stone foundation wall finished - O.K.

6/3/40 - Steel with [illegible] + [illegible] - [illegible]

7/24/40 - Roof [illegible] done, [illegible] installed. [illegible]

Schedule of not amend. [illegible] plans [illegible] [illegible] - AG

File

CITY OF PORTLAND, MAINE

DEPARTMENT OF BUILDING INSPECTION (-) INDUSTRIAL ZONE

Record of Inquiry

Verbal in person
By, telephone

Date 5/15/36

Location 184 Read St

Made by Mr M. L. Heald - Gen Car Co (in office Monday)

Inquiry- 1 Requirements for 6 car garage and machine shop - any special requirements for brick and concrete, mill const. Ft. gas possibly sprinklered heat obtain from main plant. Plans to be drawn in N.Y.

Answer- 1 If there were any special points you would call him

2 5/18/36 called his attention to requirements of small construction - wire glass windows and statement of cleaning material

Reply by

NPT402

CITY OF PORTLAND, MAINE
ELEVATOR INSPECTION

Bldg. No. 1 2-7 Block A Sheet 2 of 3.

Location of Bldg. 184 Read St

Owner American Co.

Occupant American Co.

Inspection by H.G. Cashby Date 3-19-34

Formal Complaint ___ No. ___ Date ___

Letter sent without complaint ___

Building Data

Mat'l outside walls Brick Int. Frame Lumber

No. stories 3 Style of Roof Flat

No. elev. in bldg., Passenger — Freight 3

Location of Elevator on Street Floor
Shown Below

___ St. Ave.

This report for 1 identical elevators

Elev. Man'f'r Otis

Use of elev., Pass — Frt. ✓ Comb'n — (check which)

No. stops 4 ~~Bsmt~~, 1, 2, 3, ~~4, 5, 6, 7, 8, 9, 10, 11, 12~~

Shaftway M.

Open? — Hatch doors, Auto. — Non-auto —

Gates, auto. — Semi-auto. — Hand —

Enclosed? ✓ Mat'l. of enclosure Brick

Fire Doors ✓ Normally closed ✓ open —

Are enclosure doors interlocked? +

Height enclosure, full story ✓ what ht. —

Elevator Machinery

Type of Power Elec

Type of Machine Worm gear Traction

Location of Machine Pent House

Material of Supports Channel of Guides Wood

Material of cables Steel

No. cables, hoisting 4 counterweight 4

Type of brakes El.

Has elev. following safeties: Governor ✓

Car Safety ✓; Elect. Brakes ✓; Auto. Terminal Stops top & bottom ✓; Slack Cable Stops —; Safety Floor Stops —

Remarks: (note defects, if any)

Elevator Car

Platform Dimensions 8x9 Capacity 4000

Mat'l. of Encl Steel No. sides encl. 2

Height of enclosure 6 ft No. entrances 2

Type of gates or doors Auto

Are they interlocked? +

Have they auto-closing device? ✓

Type operation, Push-Button — Operator Hand

Any emergency exit? —

Remarks: (note defects, if any)

General Remarks:

CITY OF PORTLAND, MAINE
ELEVATOR INSPECTION
2-7

Bldg. No. 1 Block A Sheet L of 3.

Location of Bldg. 184 Road St.

Owner Am Can Co.

Occupant Am Can Co.

Inspection by H. Pribble Date 3-19-34

Formal Complaint ____ No. ____ Date ____

Letter sent without complaint ____

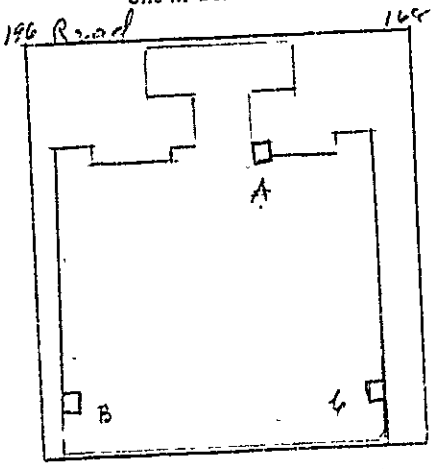
Building Data

Mat'l outside walls Brick Int. Frame Lumber

No. stories 3 Style of Roof Flat + P.

No. elev. in bldg., Passenger — Freight 3

Location of Elevator on Street Floor Shown Below



A This report for 1 identical elevators

Elev. Man'f'r. Otis

Use of elev., Pass — Frt. ✓ Comb'n. — (check which)

No. stops 11 Bsmt, 1, 2, 3, 4, ~~5, 6, 7, 8, 9~~, 10, 11, 12

Shaftway

Open? — Hatch doors, Auto. — Non-auto —

Gates, auto. — Semi-auto. — Hand —

Enclosed? ✓ Mat'l. of enclosure Brick

Fire Doors ✓ Normally closed ✓ open —

Are enclosure doors interlocked? +

Height enclosure, full story ✓ what ht. —

Elevator Machinery

Type of Power Elec.

Type of Machine Worm Gear Traction

Location of Machine Point Hoist

Material of Supports Lumber of Guides Wood

Material of cables Steel

No. cables, hoisting 6 counterweight 6

Type of brakes Elec.

Has elev. following safeties: Governor ✓

Car Safety ✓; Elect. Brakes ✓; Auto. Terminal Stops top & bottom ✓; Slack Cable Stops —; Safety Floor Stops —

Remarks: (note defects, if any) ____

Elevator Car

Platform Dimensions 9 x 9 Capacity 4000

Mat'l. of Encl. Steel No. sides encl. 1

Height of enclosure 6 ft No. entrances 1

Type of gates or doors Auto.

Are they interlocked? +

Have they auto-closing device? ✓

Type operation, Push-Button — Operator Hand

Any emergency exit? —

Remarks: (note defects, if any) ____

General Remarks: ____