

REAH1018-1034 BRIGHTON AVENUE



APPLICATION FOR PERMIT

PERMIT ISSUED

B.O.C.A. USE GROUP
B.O.C.A. TYPE OF CONSTRUCTION 720
ZONING LOCATION PORTLAND, MAINE, July 22, 1981

JUL 23 1981

CITY OF PORTLAND

To the DIRECTOR OF BUILDING & INSPECTION SERVICES, PORTLAND, MAINE
The undersigned hereby applies for a permit to erect, alter, repair, demolish, move or install the following building, structure, equipment or change use in accordance with the Laws of the State of Maine, the Portland B.O.C.A. Building Code and Zoning Ordinance of the City of Portland with plans and specifications, if any, submitted herewith and the following specifications:

LOCATION 1030-1056 Brighton Avenue
1. Owner's name and address Shaw's Supermarkets & City of Portland
2. Lessee's name and address
3. Contractor's name and address Maine Sign & Display- 29 Portland St
4. Architect
Proposed use of building grocery store
Last use
Material No stories Heat Style of roof Roofing
Other building on same lot
Estimated contractual cost Fee \$ 37.40

FIELD INSPECTOR-Mr. GENERAL DESCRIPTION
This application is for: @ 775-5451 Ext. 234
Dwelling
Garage
Masonry Bldg
Metal Bldg
Alterations
Demolitions
Change of Use
Other

To erect sign consisting of individual letters, 11.2' total as per plans
1 sheet of plans, lighted, not flashing
letters are made of plastic, metal & plywood

NOTE TO APPLICANT. Separate permits are required by the installers and subcontractors of heating, plumbing, electrical and mechanicals

PERMIT IS TO BE ISSUED 1 2 3 4

DETAILS OF N.E.W. 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 Kind of heat fuel
No. of chimneys Material of chimneys of lining Corner posts Sills
Framing Lumber-Kind Dressed or full size? Size Max. on centers
Size Girder Column under girders
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?

APPROVALS BY. DATE
BUILDING INSPECTION-PLAN EXAMINER
ZONING:
BUILDING CODE:
Fire Dept.
Health Dept.
Others:

MISCELLANEOUS
Will work require disturbing of any tree on a public street?
Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed?

Signature of Applicant [Signature] Phone # 6089
Type Name of above Maine Sign & Display 1 2 3 4
Other and Address

OFFICE FILE COPY

(34)

B2 BUSINESS ZONE



APPLICATION FOR PERMIT

Class of Building or Type of Structure

Portland, Maine

Sept. 8, 1971

PERMIT ISSUED

SEP 10 1971

1100

CITY of PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

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

Location 1124 Brighton Ave. Within Fire Limits? _____ Dist. No. _____
 Owner's name and address Shell Oil Co., 55 William St., Wellesley, Mass. Telephone _____
 Lessee's name and address _____ Telephone _____
 Contractor's name and address not let Telephone _____
 Architect _____ Specifications _____ Plans yes No. of sheets 9
 Proposed use of building Service Station No. of miles _____
 Last use _____ No. of stories _____
 Material masonry No. stories 1 Heat _____ Style of roof _____ Roofing _____
 Other buildings on same lot _____
 Estimated cost \$ 40,000. Fee \$ 120.

General Description of New Work

To make alterations to masonry building one story, as per plans

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

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 and/or 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:
C.H. - 9/14/71 - C.H. - 4/1/71

Miscellaneous

Will work require disturbing of any tree on a public street? _____
 Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? _____

CS 101

INSPECTION COPY

Signature of owner

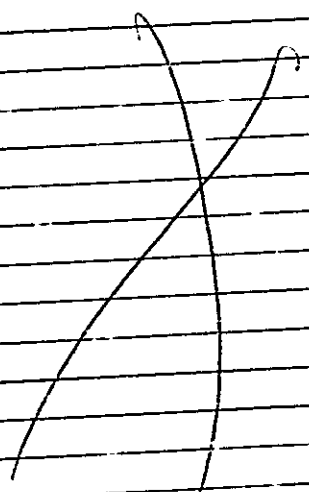
By

Shell Oil Co.

D. Misco

NOTES

10/19/71 GAVE PERMISSION
TO POUR FOOTINGS M.G.W.
10/19/71 WALLS U? R.O.D.E
ON FINISHING UP INSIDE
NEW HEATING SYSTEM
INSTALLED NO PERMIT
AS YET M.G.W.
11/10/72 WORK COMPLETED
M.G.W.



Permit No. 71/1100
Location 1124 Brighton Ave
Owner Shell Oil Co
Date of permit 9/15/71
Notif. closing-in
Inspn. closing-in
Final Notif.
Final Inspn.
Cert. of Occupancy issued
Sealing Out Notice M.I.A.T.B.
Form Check Notice

1124 Brighton Avenue

Jan. 5, 1972

Shell Oil Company
55 William Street
Wellesley, Mass.

Gentlemen:

Our inspector reports that a new heating unit has been installed at the above location without first securing a building permit from this office. (refer to our letter of Sept. 14, 1971).

Please contact your heating contractor and inform him that he is to apply for a related building permit before this office can certify that this job has met all the building code requirements.

Very truly yours,

Earle S. Smith
Plan Examiner

LES:m

1124 Brighton Ave.

Sept. 14, 1971

Shell Oil Company
55 William Street
Wellesley, Mass.

Gentlemen:

Building permit to make alterations to masonry building at the above named location as per plans filed with the application is being issued subject to compliance with Building Code restrictions as follows:

1. If a new heating unit is planned for this building, then a separate permit will need to be taken out by the actual installer.
2. Will the planking for the roof shown on the plans be of Douglass Fir? If not, we will need to know the grade and species of lumber to be used.
3. Masonry of the end wall must extend up to the underside of the roof sheathing in according to Section 1202.6.3.b of the Code.
4. A statement of design (blank copy enclosed) covering the reinforced masonry and structural steel is required for these plans which we will need before form inspection is asked for on this addition.

Very truly yours,

A. Allan Soule
Assistant Director

AAS:m

1524 Brighton Ave. 9/13/71 - Alley
Addition -
B2

CHECK LIST AGAINST ZONING ORDINANCE

- Date - After 6/15/57
- Zone Location - B2
- Interior or corner Lot
- 60 ft setback area? (Section 21) - YES - OVER 40'
- Use -
- Sewage Disposal -
- Rear Yards -
- Side Yards - } Not required
- Front Yards -
- Projections -
- Height -
- Lot Area -
- Building Area -
- Area per Family -
- Width of Lot -
- Lot Frontage -
- Off-street Parking -



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

Portland, Maine, Dec. 2, 1971

PERMIT NO. 1519

DEC 6 1971

CITY OF PORTLAND, ME.

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 1124 Brighton Ave. Use of Building Service Station No Sites 1 SEE Building Existing "
Name and address of owner of appliance Pine Tree Shell Station,
Installer's name and address YERXA, Inc. 40 Broadway, S. Portland Telephone 799-2241

General Description of Work

To install hot air oil fired furnace (replacement)

IF HEATER, OR POWER BOILER

Location of appliance boiler room Any burnable material in floor surface or beneath?
If so, how protected? Kind of fuel? oil
Minimum distance to burnable material, from top of appliance or casing top of furnace 10" - asbestos shield
From top of smoke pipe From front of appliance From sides or back of appliance no wood
Size of chimney flue 8" prefab Other connections to same flue no
If gas fired, how vented? Rated maximum demand per hour
Will sufficient fresh air be supplied to the appliance to insure proper and safe combustion?

IF OIL BURNER

Name and type of burner Brentwood Furnace, AEC burner Labelled by underwriters' laboratories? yes
Will operator be always in attendance? no Does oil supply line feed from top or bottom of tank? underground (top)
Type of floor beneath burner Size of vent pipe
Location of oil storage Number and capacity of tanks
Low water shut off Make No.
Will all tanks be more than five feet from any flame? How many tanks enclosed?
Total capacity of any existing storage tanks for furnace burners

IF COOKING APPLIANCE

Location of appliance Any burnable material in floor surface or beneath?
If so, how protected? Height of Legs, if any
Skirting at bottom of appliance? Distance to combustible material from top of appliance?
From front of appliance From sides and back From top of smokepipe
Size of chimney flue Other connections to same flue
Is hood to be provided? If so, how vented? Forced or gravity?
If gas fired, how vented? Rated maximum demand per hour

MISCELLANEOUS EQUIPMENT OR SPECIAL INFORMATION

Model # BVOL - 224

Amount of fee enclosed? \$5. (\$2.00 for one heater, etc.; \$1.00 additional for each heater, etc., in same building at same time)

APPROVED:

O.K. E.B. 12/2/71

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

Yerxa's

Signature of Installer

Gary Coons

CS 300

INSPECTION COPY

CITY OF PORTLAND, MAINE
 Application for Permit to Install Wires

Permit No. 57038

Issued Aug 1, 1968

Aug 1, 1968

Portland, Maine

F. the City Electrician, Portland, Maine

The undersigned hereby applies for a permit to install wires for the purpose of conducting electric current, in accordance with the laws of Maine, the Electrical Ordinance of the City of Portland, and the following specifications

(This form must be completely filled out - Minimum Fee, \$100)

Owner's Name and Address *Century Trust* Tel.
 Contractor's Name and Address *Merrill Elex* Tel. 77-43129
 Location *Point Toll Shopping* Use of Building *Store*
 Number of Families Apartments Stores Number of Stories
 Description of Wiring: New Work Additions Alterations

Pipe Cable Metal Molding BX Cable Plug Molding (No. of feet)
 No. Light Outlets Plugs Light Circuits Plug Circuits
 FIXTURES: No Fluor or Strip Lighting (No feet)
 SERVICE: Pipe Cable Underground No of Wires Size
 METERS: Relocated Added Total No. Meters
 MOTORS: Number Phase H.P. Amps Volts Starter
 HEATING UNITS: Domestic (Oil) No Motors Phase H.P.
 Commercial (Oil) No. Motors Phase H.P.
 Electric Heat (No. of Rooms)
 APPLIANCES: No Ranges Watts Brand Feeds (Size and No.)
 Elec. Heaters Watts
 Miscellaneous Watts
 Transformers Air Conditioners (No. Units) Extra Cabinets or Panels
 Will commence 19 Ready to cover in 19 Signis (No. Units) 2
 Amount of Fee \$ 4100 19 Inspection Aug 19 68

Signed *M. Elex*

DO NOT WRITE BELOW THIS LINE

SERVICE	METER	GROUND
VISITS: 1	2	3
7	8	9
REMARKS:	10	11
		12

INSPECTED BY *F. W. H. H. H.*
 (OVER)

LOCATION *Pine Tree Shopping Centre*
 INSPECTION DATE *8/20/68*
 WORK COMPLETED *8/20/68*
 TOTAL NO. INSPECTIONS *1*
 REMARKS

FEE S FOR WIRING PERMITS EFFECTIVE JULY 31, 1963

WIRING

1 to 30 Outlets \$ 2.00
 31 to 60 Outlets 3.00
 Over 60 Outlets, each Outlet .05
 (Each twelve feet or fraction thereof of fluorescent lighting or any type of plug molding will be classed as one outlet).

SERVICES

Single Phase 2.00
 Three Phase 4.00

MOTORS

Not exceeding 50 H.P. 3.00
 Over 50 H.P. 4.00

HEATING UNITS

Domestic (Oil) 2.00
 Commercial (Oil) 4.00
 Electric Heat (Each Room) .75

APPLIANCES

Ranges, Cooking Tops, Ovens, Water Heaters, Disposals, Built-in Dishwashers, Dryers, and any permanent built-in appliance — each unit 1.50

MISCELLANEOUS

Temporary Service, Single Phase 1.00
 Temporary Service, Three Phase 2.00
 Circuses, Carnivals, Fairs, etc. 10.00
 Meters, relocate 1.00
 Distribution Cabinet or Panel, per unit 1.00
 Transformers, per unit 2.00
 Air Conditioners, per unit 2.00
 Signs, per unit 2.00

ADDITIONS

5 Outlets, or less 2.00
 Over 5 Outlets, Regular Wiring Rates 1.00

Rear 101B-1134 Brighton Avenue April 15, 1968

Gordon F. Bloom
600 Columbia Road
Boston, Mass.

cc to: Firestone Tire & Rubber Company
1260 Firestone Parkway, Akron, Ohio
cc to: Century Tire Co., H. Chapman, 185 Kennebec St.
cc to: Corporation Counsel

Dear Mr. Bloom:

Building permit for the erection of a detached pole sign 6 1/2' x 19' 8" extending to a height of about 26 1/2' above the grade of the ground at the above named location is not issuable under the Zoning Ordinance for the following reasons:

1. Erection of this sign will increase by about 127 square feet the total area of approximately 4,487 square feet of signs previously authorized for erection on premises of the shopping center property on which the building in question is located, total area of signs allowable without authorization of the Board of Appeals being limited to 1050 square feet by Section 602.16.5 of the ordinance applying to the B-2 Business Zone in which the property is located.

2. The top of the sign will be about 26 1/2 feet above the grade of the ground instead of the 20-foot maximum height specified for a detached sign by Section 602.16.5.

We understand that you would like to exercise your appeal rights in this matter. Accordingly your authorized representative should come to this office in Room 113, City Hall to file the appeal on forms which are available here. A fee of \$15.00 shall be paid at this office at the time the appeal is filed.

If your appeal is sustained it will be necessary to have the enclosed statement of design signed by a qualified designer who is willing to take responsibility for this design.

It is understood that if there is lighting for this sign, it will be steady lighting. If this is not to be the case we should be notified before the appeal is filed.

Very truly yours,

A. Allan Soule
Acting Deputy Director of Building & Inspections
Department

MS:m

cc statement of design sent to Century Tire Co., 185 Kennebec Street

618-1034 Brighton Ave - 4/15/62 - 416.

Pole Sign - 20' high
6 1/2' x 14' 8"

CHECK AGAINST ZONING ORDINANCE

✓ Date - After 6/15/55

✓ Zone Location - B2

✓ Interior or corner lot -

✓ 40 ft setback area? (Section 21) Yes - 125' ±

Use - Pole Sign

~~Sewage Disposal -~~

~~Rear Yards -~~

~~Side Yards -~~

~~Front Yards -~~

✓ Projections - None

appeal → Height - 26 1/2' - Max 40'

~~Lot Area -~~

~~Building Area -~~

~~Area per Family -~~

~~Width of Lot -~~

~~Lot Frontage -~~

~~Off-street Parking -~~

letter → Study Lighting - Note to go with permit.

letter → A statement of design to be signed by a qualified designer who is willing to take full responsibility for this design as enclosed.

appeal → Increase in sign size

✓ Same as standard plans on Forest Ave

CENTURY TIRE CO.

Distributors of Firestone Products

185 Kennebec Street :: PORTLAND, MAINE

Phone: 775-3777



4/9/68

PROPOSED SIGN FOR PINE TREE SHOPPING CENTER

- Porcelain enamel face.
- Stainless steel fillers.
- Black-out tubing.
- Rigid angle iron interior.
- Single steel pole.
- 10 inch diameter.
- 10 $\frac{1}{2}$ inch outside diameter.
- 54.74 pounds pressure per square foot.
- Column 26 feet high.
- Reinforced concrete footing 6'x 6'.
- 4 feet deep face plate.
- Sign to top 26' 5 $\frac{1}{4}$ " from face plate.
- 20 feet from grade to bottom of sign.
- Wind pressure 30 pounds per square foot.
- Soil bearing pressure 2000 pounds per square foot.

Face Area of Sign
and base part of sign construction

Firestone

TIRES - TUBES - HOME AND AUTO SUPPLIES

RECEIVED

APR - 9 1968

DEPT. OF BLDG. INSP.
CITY OF PORTLAND



B2 BUSINESS ZONE

APPLICATION FOR PERMIT

Class of Building or Type of Structure

Sign

Portland, Maine,

April 8, 1968

PERMIT 15501

386

CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

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

Location 1050-1132 Brighton Ave. Within Fire Limits? _____ Dist. No. _____

Owner's name and address Pine Tree Shopping Center Telephone _____

Lessee's name and address Firestone Tire & Rubber Co. 1200 Firestone Parkway Telephone _____
owner of sign - Akron Ohio

Contractor's name and address " " " " Telephone _____

Architect _____ Specifications _____ Plans _____ No. of sheets _____

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 \$ 2.00

General Description of New Work

To erect (1) detached pole sign 6'5 1/2" x 19'8" as per plan.

Approval sustained 5/2/68

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** Firestone Tire & Rubber Co.
Century Tire Company
185 Kennebec St., City of H. Chipman

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? _____

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

Firestone Tire & Rubber Company

APPROVED:

D.P. - 5/3/68 - Allen

CS 301

INSPECTION COPY

Signature of owner

by:

Firestone Tire & Rubber Co.
[Signature]

Permit No. 68/386
 Location 1050-1130 Brighton Ave.
 Owner Frederic J. Rabbin D.
 Date of permit 5/3/68
 Notif. closing-in _____
 Inspn. closing-in _____
 Final Notif. _____
 Final Inspn. _____
 Cert. of Occupancy issued _____
 Staking Out Notice _____
 Form Check Notice _____

NOTES

5/9/68
 6-24-68 Not started
 7-24-68 Sign on
 location - no foundation
 yet. RD
 9-10-68 Completed
 NO Form insp. RD

CITY OF PORTLAND, MAINE
IN THE BOARD OF APPEALS

415 BA 4/18/68
68/26
Granted 5/2/68

VARIANCE APPEAL

Gordon F. Bloom, owner of property at R 1018-1134 Brighton Ave. under the provisions of Section 24 of the Zoning Ordinance of the City of Portland, hereby respectfully petitions the Board of Appeals for a variance from the provisions of said Ordinance to permit: erection of a detached pole sign 6 1/2' x 19'8" extending to a height of about 26 1/2' above the grade of the ground. This permit is not issuable under the Zoning Ordinance because: (1) Erection of this sign will increase by about 127 square feet the total area of approximately 4,487 square feet of signs previously authorized for erection on premises of the shopping center property on which the building in question is located, total area of signs allowable without authorization of the Board of Appeals being limited to 1050 square feet by Section 602.16.5 of the ordinance applying to the B-2 Business Zone in which the property is located; (2) The top of the sign will be about 26 1/2 feet above the grade of the ground instead of the 20-foot maximum height specified for a detached sign by Section 602.16.5.

LEGAL BASIS OF APPEAL: Such variance may be granted only if the Board of Appeals finds that the strict application of the provisions of the Ordinance would result in undue hardship in the development of property which is inconsistent with the intent and purpose of the Ordinance; that there are exceptional or unique circumstances relating to the property that do not generally apply to other property in the same zone or neighborhood, which have not arisen as a result of action of the applicant subsequent to the adoption of this Ordinance whether in violation of the provisions of the Ordinance or not; that property in the same zone or neighborhood will not be adversely affected by the granting of the variance; and that the granting of the variance will not be contrary to the intent and purpose of the Ordinance.

Gordon F. Bloom
APPELLANT

DECISION

After public hearing held May 2, 1968, the Board of Appeals finds that all of the above conditions do exist with respect to this property and that a variance should be granted in this case.

It is, therefore, determined that a variance from the provisions of the Zoning Ordinance should be granted in this case.

Felton B. [Signature]
[Signature]
[Signature]
BOARD OF APPEALS

Rear 1018-1134 Brighton Avenue

April 15, 1968

Gordon F. Bloom
600 Columbia Road
Boston, Mass.

Gordon F. Bloom
Dear Mr. Bloom: ~~Columbia Road~~
Boston, Mass.

April 29, 1968
cc to: Firestone Tire & Rubber Company
1260 Firestone Parkway, Akron, Ohio
cc to: Century Tire Co., H. Chapman, 185 Kamebec St.
cc to: Corporation Counsel Tire & Rubber Co.
1260 Firestone Parkway
Akron, Ohio

Building permit for the erection of a detached pole sign
6 1/2' x 19'8" extending to a height of about 26 1/2' above the grade of the
ground at the above named location is not issuable under the Zoning
Ordinance for the following reasons:

1. Erection of this sign will increase by about 127 square feet
the total area of approximately 4,487 square feet of signs previously
authorized for erection on premises of the shopping center property on
which the building in question is located, total area of signs allowable
without authorization of the Board of Appeals being limited to 1050 square
feet by Section 602.16.5 of the ordinance applying to the B-2 Business
Zone in which the property is located.

2. The top of the sign will be about 26 1/2 feet above the grade
of the ground instead of the 20-foot maximum height specified for a detached
sign by Section 602.16.5.

We understand that you would like to exercise your appeal rights
in this matter. Accordingly your authorized representative should come to
this office in Room 113, City Hall to file the appeal on forms which are
available here. A fee of \$15.00 shall be paid at this office at the time the
appeal is filed.

If your appeal is sustained it will be necessary to have the en-
closed statement of design signed by a qualified designer who is willing to
take responsibility for this design.

It is understood that if there is lighting for this sign, it will
be steady lighting. If this is not to be the case we should be notified
before the appeal is filed.

Very truly yours,

A. Allan Soule
Acting Deputy Director of Building & Inspections
Department

AAS:m

DATE: May 2, 1968

HEARING ON APPEAL UNDER THE ZONING ORDINANCE OF May 2, 1968

AT R.1018-1134 Brighton Ave.

Public Hearing on the above appeal was held before the Board of Appeals.

BOARD OF APPEALS

William B. Kirkpatrick

Franklin C. Hunkley

Ralph L. Young

Harry M. Shwartz

	VOTE	
	YES	NO
	(x)	()
	(x)	()
	(x)	()

Record of Hearing

CITY OF PORTLAND, MAINE
IN THE BOARD OF APPEALS

April 19, 1968

TO WHOM IT MAY CONCERN:

The Board of Appeals will hold a public hearing in the Council Chamber at City Hall, Portland, Maine, on Thursday, May 2, 1968 at 4:00 p.m. to hear the appeal of Gordon F. Bloom requesting an exception to the Zoning Ordinance to permit erection of a detached pole sign 6½'x19'8" extending to a height of about 26½' above the grade of the ground on the property at R1018-1134 Brighton Avenue.

This permit is presently not issuable under the Zoning Ordinance because (1) Erection of this sign will increase by about 127 square feet the total area of approximately 4,487 square feet of signs previously authorized for erection on premises of the shopping center property on which the building in question is located, total area of signs allowable without authorization of the Board of Appeals being limited to 1050 square feet by Section 602.16.5 of the ordinance applying to the B-2 Business Zone in which the property is located; (2) The top of the sign will be about 26½ feet above the grade of the ground instead of the 20-foot maximum height specified for a detached sign by Section 602.16.5.

This appeal is taken under Section 24 of the Zoning Ordinance which provides such variance may be granted only if the Board of Appeals finds that the strict application of the provisions of the Ordinance would result in undue hardship in the development of property which is inconsistent with the intent and purpose of the Ordinance; that there are exceptional or unique circumstances relating to the property that do not generally apply to other property in the same zone or neighborhood, which have not arisen as a result of action of the applicant subsequent to the adoption of this Ordinance whether in violation of the provisions of the Ordinance or not; that property in the same zone or neighborhood will not be adversely affected by the granting of the variance; and that the granting of the variance will not be contrary to the intent and purpose of the Ordinance.

All persons interested either for or against this appeal will be heard at the above time and place, this notice of required public hearing having been sent to the owners of property within 500 feet of the property in question as required by Ordinance.

BOARD OF APPEALS

Franklin G. Hinckley

Chairman

h



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

Portland, Maine, Dec. 20, 1963

RECEIVED
CITY OF PORTLAND
12/20/63

the INSPECTOR OF BUILDINGS, PORTLAND, ME

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

Location ^{Per 1118/103} 250-1132 Brighton Ave. Use of Building Tire Shop No. Stories 1 New Building Existing
 Name and address of owner of appliance Elm Farm Food Co., 600 Columbia Rd. Boston, Mass.
 Installer's name and address P. Reuben & Co., 113 Middle St. Telephone 772-8491

suspended General Description of Work

To install 3- Reznor Unit heaters - 12 ft. above floor - gas-fired
to be hung with metal nangers - 4' below roof - Model # YA-125

IF HEATER, OR POWER BOILER

Location of appliance ^{suspended from ceiling} Any burnable material in floor surface or beneath? **no**
 If so, how protected? Kind of fuel? **gas**
 Minimum distance to burnable material, from top of appliance or casing top of furnace
 From top of smoke pipe From front of appliance **over 4'** From sides or back of appliance **over 3'**
 Size of chimney flue Other connections to same flue
 If gas fired, how vented? **Type B gas vent** Rated maximum demand per hour
 Will sufficient fresh air be supplied to the appliance to insure proper and safe combustion? **yes**

IF OIL BURNER

Name and type of burner Labelled by underwriters' laboratories?
 Will operator be always in attendance? Does oil supply line feed from top or bottom of tank?
 Type of floor beneath burner Size of vent pipe
 Location of oil storage Number and capacity of tanks
 Low water shut off Make No.
 Will all tanks be more than five feet from any flame? How many tanks enclosed?
 Total capacity of any existing storage tanks for furnace burners

IF COOKING APPLIANCE

Location of appliance Any burnable material in floor surface or beneath?
 If so, how protected? Height of legs, if any
 Skirting at bottom of appliance? Distance to combustible material from top of appliance?
 From front of appliance From sides and back From top of smokepipe
 Size of chimney flue Other connections to same flue
 Is hood to be provided? If so, how vented? Forced or gravity?
 If gas fired, how vented? Rated maximum demand per h

MISCELLANEOUS EQUIPMENT OR SPECIAL INFORMATION

Gas fired appliances to be equipped with device which will automatically shut off all gas supply in case pilot flame is extinguished.

Amount of fee enclosed? **4.00** (\$2.00 for one heater, etc., \$1.00 additional for each additional heater, etc., in same building at same time)

APPROVED:

OK 12-20-63
[Signature]
 CHIEF OF FIRE DEPT.
 OK Fire Dept. M. T. [Signature]

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**

Elm Farm Food Co.
P. Reuben Co.

Signature of Installer

[Signature]

CS 300

INSPECTION COPY

File

Permit No. 23/1659
Location 1050-1132 Brighton Ave
Owner Old Town Food Co.
Date of permit 1/27/63
Approved _____

type shop

NOTES

12-30-63

Completed

CLAUDE P. 12

(COPY)

CITY OF PORTLAND, MAINE
Department of Building Inspection

Certificate of Occupancy

LOCATION ¹⁰¹⁸⁻¹⁰³⁴ 1050-1132 Brighton Avenue

Date of Issue December 26, 1963

Issued to Elm Farm Food Co.

This is to certify that the building, premises, or part thereof, at the above location, built ~~1958~~
~~changed as to use~~ under Building Permit No. 63/1376, has had final inspection, has been found to conform
substantially to requirements of Zoning Ordinance and Building Code of the City and is hereby approved for
occupancy or use, limited or otherwise, as indicated below

PORTION OF BUILDING OR PREMISES

APPROVED OCCUPANCY

Entire

Retail tire store

Limiting Conditions:

This certificate supersedes
certificate issued

Approved:

..... Nelson F. Cartwright
(Date) Inspector

..... Albert J. Sears
Inspector of Buildings

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

COLUMBIA 5-5000

PINE TREE SHOPPING CENTER
600 COLUMBIA ROAD
BOSTON 25, MASSACHUSETTS

October 7, 1963

Mr. Thomas Sears
Building Inspector
City Hall
Portland, Maine

Re: Abel Tire Store
Pine Tree Shopping Center
Portland, Maine

Dear Sir:

Enclosed herewith please find a Design Affidavit covering the plans and specifications filed with you on the above project on Monday, October 7, 1963.

This should complete all your requirements for application of a Building Permit.

Should you desire any other information, please do not hesitate to call.

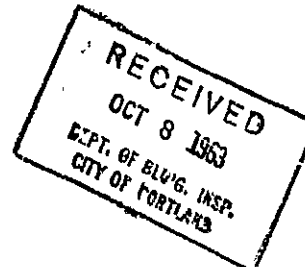
Very truly yours,

PINE TREE SHOPPING CENTER

Richard L. Wood

RLW:DJF

Enclosure



Director

AP- Rear 1018-1034 Brighton Ave.

Oct. 18, 1963

Lilly Construction Company
110 Western Avenue
Allston, Mass.

cc to: Elm Farm Food Company
600 Columbia Road
Boston, Mass.

Gentlemen:

Permit to construct a 1-story concrete block and steel building 43'-0" x 117'-6" is being issued subject to compliance with plans received with application and subject to the following conditions:

1. The floor drains located in the service area will need to be connected to a grease interceptor trap, the construction of which is to be approved by the City of Portland Health Department and Fire Department.
2. Details will need to be provided to show how the overfit of the steel lintels over the 22 foot wide overhead door openings are to be fire-protected for a 4-hour fire rating. *OK see new detail plan*
3. As the long span joists are designed with steel using 50,000 p.s.i. yield stress and a 30,000 p.s.i. working stress in compliance with the latest A.I.S.C. manual specifications, approval can only be given provided that shop welding of such steel work is covered by blanket certification by the manufacturer in writing to the effect that all welding has been designed and that all shop welding has been performed according to the procedure and by properly qualified welders as set forth in the code and qualification procedure established by the American Welding Society; and that where steel having a yield point in excess of 36,000 pounds per square inch is used, evidence in the form of witnessed or certified test reports that such steel meets or exceeds the design yield point is furnished. Steel joists are not to be erected until these certifications are on file at this office. *OK Reviewed*
4. Heating system comprised of a roof unit and suspended unit heaters will need to be of a type labelled by a competent testing authority for use in garages or shall be of a type that can be approved by the City of Portland Fire Department. Installation of heating system is to be done under a separate permit which is to be taken out by the actual installing contractor.

Very truly yours,

Gerald B. Mayberry
Deputy Building Inspection Director

CEM:rm



LILLY CONSTRUCTION CO.
DATA DISTRIBUTION

JOB TIRE SHOP
SITE: PORTLAND MAINE
DATE 11/5/63

TO: CITY OF PORTLAND
DEPT OF BUILDING INSP.

WE ARE SENDING YOU HEREWITH

FOR APPROVAL
FOR RE-APPROVAL
FOR YOUR FILES
APPROVED

3 PRINTS EACH OF SHEETS No.
PRINTS EACH OF SHEETS No.

REMARKS: DETAIL SHOWING A HALL
FIRE PROTECTED AT
STEEL LINTEL OVER DOORS

LILLY CONSTRUCTION COMPANY

BY

J. C. Ballahan

7400 RESERVOIR ROAD
SPRINGFIELD, V.A.

PHONE

451-3400

Northern Virginia Steel Corporation

SPRINGFIELD, VIRGINIA

November 26, 1963

Lilly Construction Co.
110 Eastern Avenue
Allston, Massachusetts

Gentlemen:

Re: Tire Center, Portland, Maine

We certify that all shop welding on the steel joists supplied by this company for the above job has been designed and has been performed according to the procedure and by properly qualified welders as set forth in the code and qualification procedure established by the American Welding Society.

Very truly yours,

NORTHERN VIRGINIA STEEL CORP.

By: *Clarence A. Roberts*

Clarence A. Roberts
Chief Engineer

CAR; dcb





B2 BUSINESS ZONE
APPLICATION FOR PERMIT

Class of Building or Type of Structure _____

Portland, Maine, October 7, 1963

ISSUED
OCT 18 1963
CITY of PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

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

Location 1032-1132 Brighton Ave. Within Fire Limits? _____ Dist. No. _____
Owner's name and address Elm Farm Food Co., 600 Columbia Rd., Boston, Mass Telephone _____
Lessee's name and address _____ Telephone _____
Contractor's name and address Lilly Construction Co., 110 Western Ave., Alston, Mass Telephone 727-1351
Architect _____ Specifications _____ Plans yes No. of sheets _____
Proposed use of building Retail tire store No. families _____
Last use _____ No. families _____
Material _____ No. stories _____ Heat _____ Style of roof _____ Roofing _____
Other buildings on same lot _____
Estimated cost \$ 30,000. Fee \$ 60.00

General Description of New Work

To construct 1- story concrete block and steel building 43'x117' as per plans

ADVANCE PERMIT FOR EXCAVATION AND FOUNDATION ISSUED 10/8/63
TODA

Permit Issued with Letter

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

H.E.M.W. / letter

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

Elm Farm Food Co.

CS 101

INSPECTION COPY

Signature of owner By: J. S. Callahan

P.H.

10 25

Permit No. 63/1376
 Location 1050-1132 Brighton Ave
 Owner Elm Farm Food Co.
 Date of permit 10/18/63
 Notif. closing-in _____
 Inspn. closing-in _____
 Final Notif. _____
 Final Inspn. _____
 Cert. of Occupancy issued 12/26/63
 Staking Out Notice _____
 Form Check Notice _____

NOTES

10-25-63 Foundation
 in
 12-13-63 Walls + roof
 on
 17-18-63 Heat going
 in bldg by Adams
 re permit
 12-19-63 Final ready
 for heating permit
 12-24-63 Completed

X

1. ...
 2. ...
 3. ...
 4. ...
 5. ...
 6. ...
 7. ...
 8. ...
 9. ...
 10. ...
 11. ...
 12. ...
 13. ...
 14. ...
 15. ...
 16. ...
 17. ...
 18. ...
 19. ...
 20. ...
 21. ...
 22. ...
 23. ...
 24. ...
 25. ...
 26. ...
 27. ...
 28. ...
 29. ...
 30. ...
 31. ...
 32. ...
 33. ...
 34. ...
 35. ...
 36. ...
 37. ...
 38. ...
 39. ...
 40. ...
 41. ...
 42. ...
 43. ...
 44. ...
 45. ...
 46. ...
 47. ...
 48. ...
 49. ...
 50. ...

1. ...
 2. ...
 3. ...
 4. ...
 5. ...
 6. ...
 7. ...
 8. ...
 9. ...
 10. ...
 11. ...
 12. ...
 13. ...
 14. ...
 15. ...
 16. ...
 17. ...
 18. ...
 19. ...
 20. ...
 21. ...
 22. ...
 23. ...
 24. ...
 25. ...
 26. ...
 27. ...
 28. ...
 29. ...
 30. ...
 31. ...
 32. ...
 33. ...
 34. ...
 35. ...
 36. ...
 37. ...
 38. ...
 39. ...
 40. ...
 41. ...
 42. ...
 43. ...
 44. ...
 45. ...
 46. ...
 47. ...
 48. ...
 49. ...
 50. ...

R-1018-1034 Division Ave Court 19 Cone Beach Bldg, 10/15/63
 43'-0" x 117'-6" / Liberty Construction Co. 12 Elm Haven Road Cr. apt 1.

Advanced permit for foundation issued 10/8/63
 Certificate of Design

Not in fire district
 Height 17'

Section 206
 Small Storage

Section 212

a. V.N. O.K.
 b. O.K.
 c. Class of Construction
 2nd Class (Masonry walls
 wood & unprotected steel
 bar joists roof)
 (d) O.K.

a. O.K.
 b. O.K.
 (c) Class (2nd) ^{1/2}
 Area 4594 - (6000 ^{1/2}) O.K.
 Height 17' O.K.
 (d) Voids to be vented to
 the outside.

Area Inside
 $93.5 \times 41 = 3834$
 $20 \times 38 = 760$
 4594
 $\frac{4594}{35} = 131 \text{ Rooms}$

(e) Two rooms O.K.
 (f) Ventilating or other heat generating
 appliances shall be installed
 only in separate rooms cutoff by
 1/2" fire resistance.

(e) Vestibule listed sets

(g) O.K.
 (h) Separate permit is required
 for the heating system

(g) O.K.
 h. O.K.

(i) Floor drain
 approved by fire dept.
 plumbing subject to

i. Only $\leq 20'$ high O.K.

(j) O.K.
 Class of Construction:
 Details will need to be provided to show how
 the steel joints over the door-part with overhead
 door openings are to be fireproofed for 2-hour fire rating.

(j) O.K.

R-1016-1034 Brighton Ave. Court 15 Core Block Bldg.
 42'-0" x 117'-6" City Court Cr. for Elm Farm Studios

10/15/63

Check lintels over garage doors.

$$s = 34.1 \text{ in}^3 + 1.7 = 35.8$$

$$L = 22' \quad W = 7' \times 74 \frac{1}{2} \text{ lb} = 518$$

$$W_{block} = 7' \times 12 = 84$$

$$W_{panel} = 602 \text{ #/ft}^2$$

$$M = \frac{W L^2}{8} = \frac{602 \text{ #/ft}^2 \times 22 \times 22}{8} = 36.4 \text{ K}$$

$$S_{req'd} = \frac{36.4 \text{ K} \times 12 \text{ in}}{22 \text{ ft}} = 19.9 \text{ in}^3$$

$\frac{1}{4}$ " steel w/ly let
 0.2833 #/in in.
 0.0708 #/ft² x 1"
 144
 2832
 2832
 7.5
 1 in. 52 #/ft²
 1" insulation 2 #/ft²
 total 12 #/ft²

Check roofing p/bracing 1 1/2" 22 ga. spm. 5'-0"
 allow 52 #/ft continuous spm 2K.

Roof 6 #/ft
 L.L. 40
 Steeldark 2
 Insul 2
 50 #/ft

Check 24 H 8 spm 41' span 5' o.c.
 284 #/ft OK.

50 #/ft LL+DL
 2 Joists
 52 #/ft
 5' o.c.
 260 #/ft.

Office area 12 H 4 @ 5' o.c. spm 15'
 332 #/ft > 260 #/ft OK.

Check 14 WF 30 allow spm 21' allow 2K
 $19 \times 21 \times 52 \text{ #/ft} = 20,800 \text{ 20.8 K}$

Check 14 B 22 22' spm allow 20.9K
 $\frac{19}{2} \times 22 \times 52 \text{ #/ft} = 10.9 \text{ K}$

Check 16 WF 36 spm 25' 33K allow
 $\frac{43}{2} \times 25 \times 52 \text{ #/ft} = 28 \text{ req'd.}$

Check Col's 8 WF 24 l.col. = 180 + 8" = 188"
 $W @ col. = 28K \quad l/ft = \frac{188}{1.53} = 123$
 15' - 23K allow

16 WF 17' 2 1/2"
 17' 0 1/2"
 - 1' 8"
 Elev TP Col. 15' 8 1/2"

TIRE STAKE Pine Tree Shop Center

$d_{max} = 2\frac{3}{4}"$

EXTERIOR +M 40% 28.6"

INTERIOR +M 28% 130"

$A_s = 0.47\% \#5 @ 8"$

$A_s = 0.328\% \#4 @ 4"$

$\#5 @ 12"$

$\#4 @ 6"$

or use #4 @ 5" both

ways in bot.

WEIGHTS

$\#4 @ 8" \quad 0.668 \times 1.5 = 1.00$

$\#4 @ 6" \quad 0.668 \times 2.0 = 1.336$

$2.336 \times 2 = 4.672$

$4.672 \times 12 = 56.064$

$56.064 \times 50 = 2803.2$

$5,000 \text{ ft} \times 56 = 280,000$

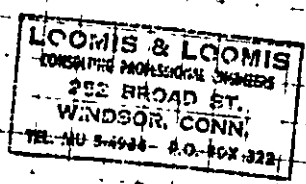
6" SLAB @ 25' @ 5,000 ft

3,750

62 piles x 30' = 2,500

4,650

Caps
Grade beams



STORE PINE TREE SHOP CENTER
 PORTLAND, MAINE.

7
 9/23/63
 R.H.S.

$$M_o = 0.1 W L F \left(1 - \frac{2c}{3L}\right)^2$$

$$F = 1.15 - \frac{9}{L}$$

$$W = 14^2 \times 225 = 44.1^k$$

$$\left. \begin{array}{l} c = 2.6'' = 3.0'' \\ L = 14.0'' = 16.8'' \end{array} \right\} \frac{c}{L} = 0.179$$

$$\therefore F = 1.15 - 0.18 = 0.97$$

$$M_o = 0.10 \times 44.1 \times 14 \times 0.97 \left(1 - \frac{2}{3} \times 0.179\right)^2$$

$$(1 - 0.119)^2$$

$$(0.881)^2$$

$$0.775$$

$$M_o = 46.5^k$$

$$\text{CHECK } M_o = \frac{11.5^2}{8} \times 225 \times 11.5 = 42.9^k \checkmark$$

$$L = 14 - 2.5$$

TRY WITHOUT DROP PANELS.

			14' WIDTH	
Nec.	EXTERIOR	66%	28.3'	2 #/FT. - $A_s = 0.309\%$
	INTERIOR	50%	21.5'	1.54 #/FT. - $A_s = 0.238\%$

$$d_{pos.} = 6'' - 3\frac{1}{4}'' = 2\frac{3}{4}''$$

$$d_{neg.} = 6'' - 1\frac{1}{2}'' = 4\frac{1}{2}''$$

#4 @ 8"

BOTH WAYS.

OR #5 @ 12"

$$\text{MIN } A_s = .002 \times 12 \times 6 = .144\%$$

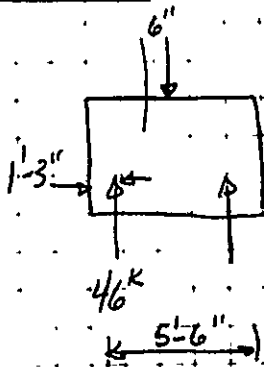
ORE. PINE TREE SHOP CENTER
 PORTLAND, MAINE.

5
 9/22/63
 R.H.F.

INTERSECTION OF Sp. WALL + REAR WALL.

SLAB	$7' \times 225 \times 14' =$	22.0^k
REAR WALL	2.83×7	19.6
	$0.196 \times 7 =$	14.0
DIVID WALL	$164 \times 7 =$	<u>11.4</u>
		$67.0^k < 92^k \approx$ PILES

PILE CAP.



$$\begin{array}{r} 2'-9'' \\ -(1'-3'') \\ \hline 1'-6'' \\ -(0'-6'') \\ \hline 1'-0'' \end{array}$$

$$\therefore M = 46^k \times 1'-0'' = 46^k'$$

$$\text{SHEAR (PUNCHING)} \quad d \times 30 \times 100 = 46,000$$

$$\therefore d = \frac{46,000}{30} = 15.3'' \text{ USE } 16''$$

$$\therefore A_s = \frac{46}{1.44 \times 16''} = 2.0$$

$$\begin{array}{l} 4 \# 7 \times 5'-0'' \\ 1 \# 6 \times 2'-0'' \end{array}$$

FORE PINE TREE SHOP CENTER
 PORTLAND, MAINE

4
 9/22/63
 R/H

PILE CAP - $23^T/\text{PILE} = 46^K$

2 PILES 92^K

BACK WALL $4.41^K \times 14' = 61.7^K < 92.0^K$

CORNER $4.41 \times 7 + 7 \left(\frac{1.64 \text{ HAS}}{1.58 \text{ SLAB}} \right) = 53.4746.0$
 3.22

CORNER COUNTED TWICE

\therefore SUBTRACT $7' \times 7' \times 225 = 110^K$

~~\therefore USE TWO PILES~~

53.4
 $- 11.0$
 $42.4 < 46.0^K$
 1 pile.

FRONT WALL

COLUMN 31.8^K

$14' \times \left(\frac{0.85}{1.58} \right) = \frac{34.1}{2.43} = 65.9 < 92.0^K \checkmark$

CORNER (SEE PAGE #2 FOR REACTION OF GRADE BEAM)

GRADE BEAM REACTION 30.4^K

FROM NORTH WALL $7 \times 3.22 = 22.5$

$52.9 > 46.0$
 $- 11.0$
 41.9
~~2 piles~~
 < 46.0

DIVIDING WALL

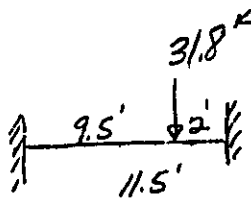
SLAB $14' \times 22.5 \times 14' = 44.0$
 HAS $1.64 \times 14 = 23.0$
 BM REACT $1.05 \times 14 = 14.7$
 $81.7 < 92.0 \text{ OK}$

1 pile

ORE PINE TREE SHOP CENTER
 PORTLAND MAINE

2
 9/22/63
 L.H.Z.

FRONT WALL @ COLUMN.



$$OL = 0.85 + 1.58 = 2.43 \text{ k/ft}$$

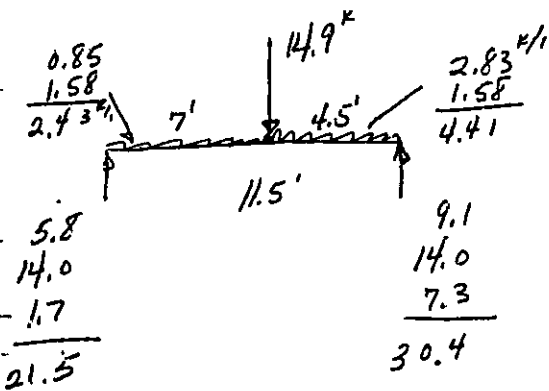
ASSUMED FEM $M = \frac{2.43 \times 11.5^2}{12} + 31.8 \times 2 \times \left(\frac{9.5}{11.5}\right)^2$

$$26.7 + 43.2 = 69.9 \text{ k'}$$

$$d = 45" \quad A_s = \frac{69.9}{1.44 \times 45} = 1.08 \text{ in}^2$$

2 #7 CONT.
 T-8

FRONT WALL @ CORNER



$$M = 21.5 \times 7 - \frac{2.43 \times 7^2}{2} = 151 - 59.5 = 91.0$$

$$A_s = \frac{91.0}{1.44 \times 45} = 1.40$$

2 #8



HALEY & ALDRICH, INC.
 CONSULTING ENGINEERS
 238 MAIN STREET
 CAMBRIDGE MASS 02142

TELEPHONE
 864-3085
 AREA CODE 617

File No. 63-970
 September 12, 1963

Elm Farm Foods Company
 600 Columbia Road,
 Dorchester, Massachusetts

Attention: Mr. Robert H. Kent

Subject: Foundation Investigation for
 Tire Store
 Pine Tree Shopping Center
 Portland, Maine

Gentlemen:

This letter will serve as a report of soil and foundation investigations made at the site of a proposed tire store to be erected at the above reference site. The structure will be constructed at the extreme westerly side of the Pine Tree Shopping Center Parking Lot just south of the Esso Station located on Brighton Avenue. It is understood that the proposed one-story building will have masonry walls and no basement.

SITE CONDITIONS:

Topographic features at the site are shown on a plan entitled, "Topography Rear of Esso Station", prepared by H. I. & E. C. Jordan, dated August 22, 1963. The most noteworthy ground feature is a knoll of recent fill which covers most of the site as shown on the attached plan.

SOIL CONDITIONS:

Soil investigations were carried out during the period September 3 through 5, 1963. The explorations consisted of 5 core borings, all carried to refusal depth, and a total of 5 test pits made in the recent fill overlying the site. Northeast Soil Services of Orono, Maine made the borings while test pits were made by a small backhoe hired locally. Logs of test pits along with driller's logs of borings are attached herewith.

The test pits revealed that the fill, generally from 6 1/2 to 7 ft. thick, consists of loam and topsoil. Essentially,