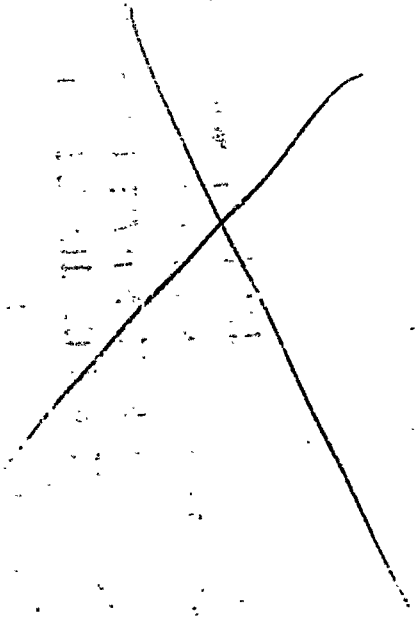


Ward 7 Permit No. 39/539
Loc 601 Danforth St.
Owner Gulf Oil Corp
Date 5/4/39
Sig Contractor
Pin 5/10/39

NOTES

Stacker
5/10/39 Signature - AGS





FILL IN COMPLETELY AND SIGN WITH INK

APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

PERMIT ISSUED

APR 28 1939

Portland, Maine, Apr 27 - 39

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 201 Deane St. Use of Building Service Station

Name and address of owner Gulf Oil Corp. Ward 8

Contractor's name and address Shubert & Johnson 14 Deane St. Telephone 37682

General Description of Work

To install one hot water heating boiler

IF HEATER, POWER BOILER OR COOKING DEVICE

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

Material of supports of heater or equipment (concrete floor or what kind) concrete

Minimum distance to wood or combustible material, from top of boiler or casing top of furnace 7 ft. plastered

from top of smoke pipe 4 ft. from front of heater back from sides or back of heater back

Size of chimney flue 8 x 12 Other connections to same flue none

IF OIL BURNER

Name and type of burner _____ 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? 1.00 (\$1.00 for one heater, etc., 50 cents additional for each additional heater, etc., in same building at same time.)

Signature of contractor Shubert & Johnson

INSPECTION COPY

Sur 38/2084
Ward 7 Permit No. 39/478
Location 601 Danforth St.
Owner Gulf Oil Corp
Date of install 4/28/39

Post Card sent

Notif. for insp.

Approval Tag issued 5/10/39

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

FILL IN COMPLETELY AND SIGN WITH INK



APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER

Portland, Maine, April 13, 1941

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 601 Mayport St Use of Building Relief Station No. Stories 1
Name and address of owner Gulf Oil Corp - 601 Mayport St Ward 3
Contractor's name and address Randall & McAllister Telephone 3-2941

To install Oil Burner to Existing Hot Water (in airt.)

IF HEATER, POWER BOILER OR COOKING DEVICE

Is heater or source of heat to be in cellar? Oil Kind of Fuel Oil
If not, which story Concrete
Material of supports of heater or equipment (concrete floor or what kind) Concrete
Minimum distance to wood or combustible material, from top of boiler or casing top of furnace, Concrete
from top of smoke pipe Concrete from front of heater Concrete from sides or back of heater Concrete
Size of chimney flue Concrete Other connections to same flue Concrete

IF OIL BURNER

Name and type of burner Trunkon Labeled and approved by Underwriters' Laboratories? Yes
Will operator be always in attendance? Present Type of oil feed (gravity or pressure) Gravity
Location oil storage Outside working ground No. and capacity of tanks 1 - 550 gal
Will all tanks be more than seven feet from any flame? Yes How many tanks fireproofed? 1
Amount of fee enclosed? 1.00 (\$1.00 for one heater, etc., 50 cents additional for each additional heater, etc., in same building at same time.)
Signature of contractor Randall & McAllister 4587C

INSPECTION COPY

See 38/5086
Ward 7 Permit No. 39/375'
Location 601 Danforth St.
Owner Gulf Oil Corp
Date of permit 4/14/39.
Post Card sent

Notif. for insp.

Approval T.C. issued 5/12/39

Oil Burner Check List (date) 5/12/39

1. Kind of heat Hot Water

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. As present

14. Temp. or pressure safety ✓

15. Instruction card ? OK 5/12/39

16.

NOTES

5/10/39 - Rental Co. All units
say they will take care of
fuel line + instructions
for the burner

Rept. 3495C-I

December 2, 1939

Gulf Oil Corp.
Boston, Mass.

Att. Mr. Johnson

Gentlemen:

Enclosed is the building permit covering construction of service station building, installation of tanks, pumps, etc., at 601 Danforth Street in this City. Please note the following:

1. Chief Sanborn of the Fire Department, whose approval is required, has approved the permit upon the condition that the doorway between the heater room and the office be removed and the opening bricked up as indicated on the plans by your Mr. Johnson. The foundation, of course, will be filled in consistent with this change.
2. All floor drains in the lubricating room are required to be equipped with grease and oil traps which satisfy the State Health regulations, if the drainage system connects with the public sewer or runs into the water. It would be well for you to have the plumber consult with the Plumbing Inspector attached to our local health office concerning the type necessary.
3. The projecting sign requires a separate permit which may only be issued to a bonded sign hanger. The sign hanger is required to file full details of the supports, framing and bracing, as well as the foundation with his application. I understand this sign is to be on a specially built mast. In such a case we should have either the computations of the design or attached to the sign plan a copy of the statement of design signed by the man who designed the sign or by a competent designer who takes responsibility for it.
4. The heating plant and oil burner also requires a separate permit which may only be issued to the installer. The oil burner or oil burning boiler is required to bear upon it the label of the Underwriters' Laboratories, Inc. identifying the burner as an approved domestic burner.
5. Before the building is occupied in any way notification for final inspection is required when the legal certificate of occupancy will be issued, if everything is found in order.

Very truly yours,

THOMAS J. BULLOCK

P.S. The foundations of the exterior walls are required to have the stem at least 10 inches thick instead of 9 inches as shown. The foundations beneath interior walls should be at least 1 inch thicker than the wall above it.

OVER

Inspector of Buildings

H/D/H



APPLICATION FOR PERMIT

PERMIT
3086

Class of Building or Type of Structure Second Class

Portland, Maine, November 30, 1938

DEC 2 1938

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to erect ~~alter~~ ^{install} the following building structure ~~erect~~ 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 601 Danforth Street Ward 7 Within Fire Limits? no Dist. No. _____
Owner's name and address Gulf Oil Corporation 601 Danforth St. Telephone 3-5656
Contractor's name and address not let Telephone _____
Architect _____ Plans filed yes No. of sheets 7
Proposed use of building Service Station No. families _____
Other buildings on same lot _____
Estimated cost \$ 500 Fee \$ _____

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 building app. 28' x 33'

To install two 1,000 gallon tanks for gasoline with two electric pumps. additional installation, public use, tanks will bear Underwriter's Label, will be at least 3' below grade, coated with asphaltum, minimum diameter piping tank to pump 1 1/2"

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
No. Common ~~one or double~~ ^{one or double} ~~is~~ ^{is} dressed

Height average grade to top of plate _____
Size, front _____ depth _____ No. stories _____ Height average grade to highest point of roof _____
To be erected on solid or filled land? _____ earth or rock? _____
Material of foundation _____ Thickness, top _____ bottom _____
Material of underpinning _____ Height _____ Thickness _____
Kind of roof flat Rise per foot _____ Roof covering Tar & Gravel, 4 ply
No. of chimneys 1 Material of chimneys brick of lining tile
Kind of heat hot water Type of fuel oil 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 roof span over 8 feet. Sills and corner posts all one piece in cross section.
Joists and rafters: 1st floor _____, 2nd _____, 3rd _____, roof _____
O. centers: 1st floor _____, 2nd _____, 3rd _____, roof _____
Maximum span: 1st floor _____, 2nd _____, 3rd _____, roof _____
If one story building with masonry walls, thickness of walls? 8" height? 12"

If a Garage

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

Miscellaneous

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

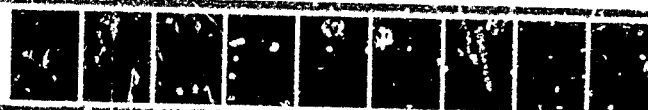
INSPECTION COPY

Signature of owner

Gulf Oil Corp.

CHIEF OF FIRE DEPT.

569-617 DANFORTH STREET THRU 1937 #1 3



CITY OF PORTLAND, MAINE
DIVISION OF INSPECTION SERVICES
DEMOLITION CALL LIST

Portland Terminal Company hereby request
permission to open _____
beginning on the following date: 3/1/83 or later for the following
work as described: Demolish 1 1/2 Story 16 x 48 wood frame Bldg rear of 567
Danforth St

UTILITY APPROVAL

Central Maine Power Ext. 290-91-92 Date _____
Meter Department 772-7411 Private
New England Telephone 800-225-4977 DIG Safe Center
Private Date _____

Northern Utilities
797-8002 Distributor Dept. N/A Date _____

Portland Water Dist.
John Libby 774-5961
Ext. 205 Private Date _____

Public Caller I.V.
George Grisby 775-2381 N/A Date _____

CITY OF PORTLAND

Sewer Division
797-5302/775-5451 Ext. 463 N/A Date _____

Traffic Division
775-5451 Ext. 435 469 off Street Date _____

Fire Alarm
Sam Allen 775-6361
Ext. 378 Shop 321, 22
Leave Message N/A Date _____

Forestry
Anne Grimes 773-2921 Ext. 33 N/A Date _____

Inspection Services
775-5451 Ext. 375
Rodent/Vermin/Asbestos Ant Pass
P. Carroll Date 2-25-83

I have contacted "ALL" the above utility companies and/or City Departments
for locations. Date 2-25-83

Signature: M. J. Rame

RECEIVED

FEB 25 1983

DEPT. OF BLDG. INSP.
CITY OF PORTLAND

CITY OF PORTLAND, MAINE
BUILDING & INSPECTION SERVICES

Date Feb. 25, 1983

To: Portland Terminal Co.
contractor

242 St. John Street

With relation to permit applied for to demolish a 10' x 49' 14 STORY BUILDING
at (address) PORTLAND TERMINAL CO. belonging to

(owner) 567 DANFORTH STREET. It is unlawful to commence demolition work until a permit has been issued from this department.

313
Section 6 of the Ordinance for rodent and vermin control provides, "It shall be unlawful to demolish a building or structure unless provision is made for rodent and vermin eradication. No permit for the demolition of a building or structure shall be issued by the Building and Inspection Services Department until and unless provisions for rodent and vermin eradication have been carried out under supervision of a pest control operator registered with the Health Department."

The building permit for demolition cannot be issued until the provisions of this section have been satisfied. It is the obligation of owner or demolition contractor or both to take up with the Health Department the matter of complying with this section, being prepared to inform that department what registered pest control operator is to be employed.

NOTICE - PER MUNICIPAL CODE
A PERMIT TO DEMOLISH OR REMOVE A
STRUCTURE SHALL EXPIRE THIRTY (30)
DAYS AFTER THE DATE OF ISSUANCE.

Very truly yours,

P. Samuel Hoffses
Chief of Inspection Services

Health Department comments: No Vermin No asbestos.

Copies to:

- 2 - Health - Environ. (Mr. Vandolcski)
- 1 - Health - (Mr. Noyes)
- 1 - Public Works
- 1 - Fire Dept.

CITY OF PORTLAND, MAINE
BUILDING & INSPECTION SERVICES

Date Feb. 23, 1983

To: Portland Terminal Co.
contractor

242 St. John Street

With relation to permit applied for to demolish a 16' x 49' 1 1/2 STORY BUILDING
at (address) PORTLAND TERMINAL CO. belonging to

(owner) 567 DAMPORE STREET. It is unlawful to commence demolition work until a permit has been issued from this department.

³¹³
Section 6 of the Ordinance for rodent and vermin control provides, "It shall be unlawful to demolish a building or structure unless provision is made for rodent and vermin eradication. No permit for the demolition of a building or structure shall be issued by the Building and Inspection Services Department until and unless provisions for rodent and vermin eradication have been carried out under supervision of a pest control operator registered with the Health Department."

The building permit for demolition cannot be issued until the provisions of this section have been satisfied. It is the obligation of owner or demolition contractor or both to take up with the Health Department the matter of complying with this section, being prepared to inform that department what registered pest control operator is to be employed.

NOTICE - PER MUNICIPAL CODE
A PERMIT TO DEMOLISH OR REMOVE A
STRUCTURE SHALL EXPIRE THIRTY (30)
DAYS AFTER THE DATE OF ISSUANCE

Very truly yours,

P. Samuel Hoffses
Chief of Inspection Services

Health Department comments: No Vermin, No asbestos.

Copies to:

- 2 - Health - Environ. (Mr. Vandoloski)
- 1 - Health - (Mr. Noyes)
- 1 - Public Works
- 1 - Fire Dept.

APPLICATION FOR PERMIT

PERMIT ISSUED

B.O.C.A. USE GROUP

B.O.C.A. TYPE OF CONSTRUCTION00135

FEB 28 1983

ZONING LOCATION PORTLAND, MAINE ..Feb. 25, 1983

CITY of PORTLAND

To the CHIEF 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 567 Danforth Street

1. Owner's name and address Portland Terminal Co. - 242 St. John St. Fire District #1 ☐ #2 ☐

2. Lessee's name and address Telephone 773-4711

3. Contractor's name and address Owner Telephone

Proposed use of building No. of sheets

Last use offices No. families

Material No. stories Heat Style of roof No. families

Other buildings on same lot Roofing

Estimated contractual cost \$

FIELD INSPECTOR—Mr. Appeal Fees \$

@ 775-5451 Base Fee 25.00

Late Fee

TOTAL \$ 25.00

To demolish 16' x 48', 1½ story building
last used as offices for Portland Terminal, also
storage.
Utilities called.

Stamp of Special Conditions

Sent to Health Dept. 2-25-83

Rec'd from Health Dept. 2-25-83

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

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?

APPROVALS BY:

DATE

MISCELLANEOUS

BUILDING INSPECTION—PLAN EXAMINER

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

ZONING:

BUILDING CODE:

Fire Dept.:

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

Health Dept.:

Others:

Signature of Applicant M.J. Rines Phone # same

Type Name of above Mathew Rines for PO 2 ☐ 3 ☐ 4 ☐

Portland Terminal Co. Other and Address

FIELD INSPECTOR'S COPY

APPLICANT'S COPY

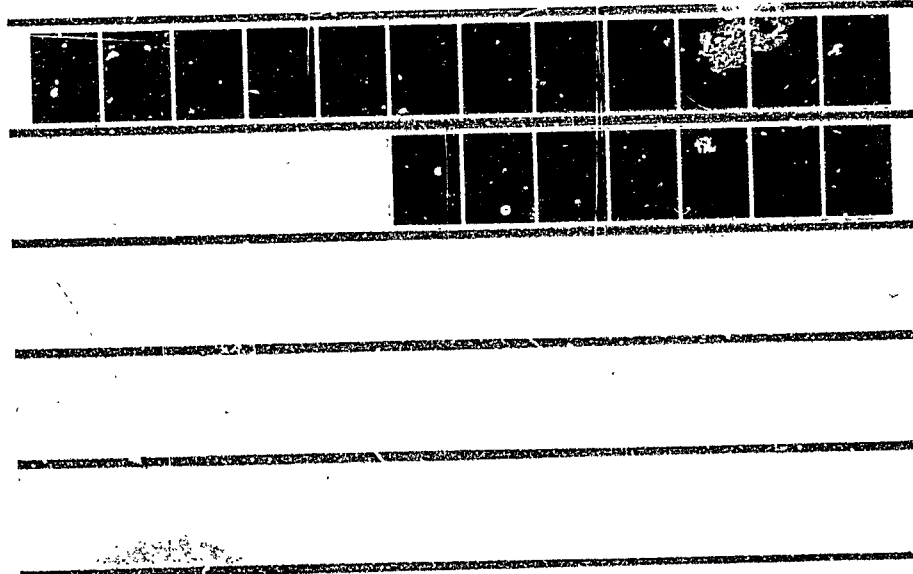
OFFICE FILE COPY

Permit No. 83/0135
Location 567 Danforth St.
Owner Portland Terminal Co.
Date of permit 2-25-83
Approved 2-28-83
Dwelling _____
Garage _____
Alteration Demolish building

NOTES

2/28/83 No minor, no alterations.
3/31/83 Demo completed
Arthur J. [Signature]

569-617 DANFORTH STREET - THRU PRESENT #2 3



CITY OF PORTLAND, MAINE

327

SITE PLAN REVIEW

Processing Form

Merrill Industries

August 15, 1983

Applicant

33 Allen Avenue, Portland, Maine 04103

Mailing Address

601 Danforth Street

Address of Proposed Site

Bulk Storage Facility

Proposed Use of Site

7.2 Acres / 15,000 sq. ft.

Acreage of Site / Ground Floor Coverage

Site Identifier(s) from Assessors Maps

I-3-B

Zoning of Proposed Site

Site Location Review (DEP) Required: () Yes () No

Proposed Number of Floors

Board of Appeals Action Required: () Yes () No

Total Floor Area

Planning Board Action Required: () Yes () No

Other Comments:

Date Dept. Review Due:

BUILDING DEPARTMENT SITE PLAN REVIEW

(Does not include review of construction plans)

- ☐ Use does NOT comply with Zoning Ordinance
- ☐ Requires Board of Appeals Action
- ☐ Requires Planning Board/City Council Action

Explanation

- ☐ Use complies with Zoning Ordinance — Staff Review Below

Zoning:
SPACE & BULK,
as applicable

COMPLIES

COMPLIES
CONDITIONALLYDOES NOT
COMPLY

DATE	ZONE LOCAL	INTERIOR OR CORNER LOT	40 FT. SETBACK AREA (SEC. 21)	USE	SEWAGE DISPOSAL	REAR YARDS	SIDE YARDS	FRONT YARDS	PROJECTIONS	HEIGHT	LOT AREA	BUILDING AREA	AREA PER FAMILY	WIDTH OF LOT	LOT FRONTAGE	OFF-STREET PARKING	LOADING BAYS

CONDITIONS
SPECIFIED
BELOWREASONS
SPECIFIED
BELOW

REASONS:

SIGNATURE OF REVIEWING STAFF/DATE

BUILDING DEPARTMENT — ORIGINAL

CITY OF PORTLAND, MAINE
SITE PLAN REVIEW
Processing Form

Applicant _____		Date _____
Mailing Address _____		Address of Proposed Site _____
Proposed Use of Site _____		Site Identifier(s) from Assessors Maps _____
Acreage of Site / Ground Floor Coverage _____		Zoning of Proposed Site _____
Site Location Review (DEP) Required: () Yes () No		Proposed Number of Floors _____
Board of Appeals Action Required: () Yes () No		Total Floor Area _____
Planning Board Action Required: () Yes () No		
Other Comments: _____		
Date Dept. Review Due: _____		

PLANNING DEPARTMENT REVIEW

(Date Received) _____

- ☐ Major Development — Requires Planning Board Approval: Review Initiated
- ☐ Minor Development — Staff Review Below

	LOADING AREA	PARKING	CIRCULATION PATTERN	ACCESS	PEDESTRIAN WALKWAYS	SCREENING	LANDSCAPE	SPACE & BUILDING OF STRUCTURES	LIGHTING	CONFLICT WITH CITY PROJECTS	FINANCIAL CAPACITY	CHANGE IN SITE PLAN	
APPROVED	X	X	X	X	X	X	X	X	X				CONDITIONS SPECIFIED BELOW
APPROVED CONDITIONALLY													
DISAPPROVED													

REASONS: BUILDING IS FOR 30,000 SQ. FT

ACCESS GATE SHOWN BE MINIMUM 24 FEET WIDE

(Attach Separate Sheet if Necessary)

Richard Knowlton 8-24-83

SIGNATURE OF REVIEWING STAFF/DATE

PLANNING DEPARTMENT COPY

CITY OF PORTLAND, MAINE
SITE PLAN REVIEW
Processing Form

Applicant _____	Date _____
Mailing Address _____	Address of Proposed Site _____
Proposed Use of Site _____	Site Identifier(s) from Assessors Maps _____
Acreage of Site / Ground Floor Coverage _____	Zoning of Proposed Site _____
Site Location Review (DEP) Required: () Yes () No	Proposed Number of Floors _____
Board of Appeals Action Required: () Yes () No	Total Floor Area _____
Planning Board Action Required: () Yes () No	
Other Comments: _____	
Date Dept. Review Due: _____	

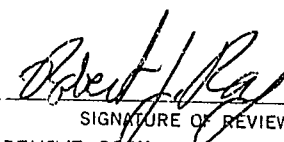
PUBLIC WORKS DEPARTMENT REVIEW

(Date Received) _____

	TRAFFIC CIRCULATION	ACCESS	CURB CUTS	ROAD WIDTH	PARKING	SIGNALIZATION	TURNING MOVEMENTS	LIGHTING	CONFLICT WITH CITY CONSTRUCTION PROJECT	DRAINAGE	SOIL TYPES	SEWERS	CURBING	SIDEWALKS	OTHER		
APPROVED																CONDITIONS SPECIFIED BELOW	
APPROVED CONDITIONALLY																	
DISAPPROVED																	
																REASONS SPECIFIED BELOW	

REASONS: _____

(Attach Separate Sheet if Necessary)



 SIGNATURE OF REVIEWING STAFF/DATE
 PUBLIC WORKS DEPARTMENT COPY

CITY OF PORTLAND, MAINE
SITE PLAN REVIEW
Processing Form

Applicant _____	Date _____
Mailing Address _____	Address of Proposed Site _____
Proposed Use of Site _____	Site Identifier(s) from Assessors Maps _____
Acreage of Site / Ground Floor Coverage _____	Zoning of Proposed Site _____
Site Location Review (DEP) Required: () Yes () No	Proposed Number of Floors _____
Board of Appeals Action Required: () Yes () No	Total Floor Area _____
Planning Board Action Required: () Yes () No	
Other Comments: _____	
Date Dept. Review Due: _____	

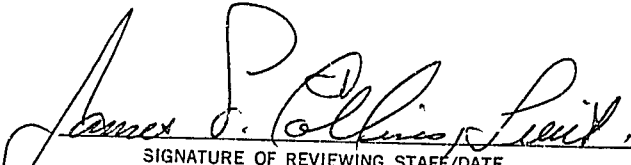
FIRE DEPARTMENT REVIEW

(Date Received) _____

	ACCESS TO SITE	ACCESS TO STRUCTURES	SUFFICIENT VEHICLE TURNING ROOM	SAFETY HAZARDS	HYDRANTS	SIAMOSE CONNECTIONS	SUFFICIENCY OF WATER SUPPLY	OTHER	
APPROVED	☒	☒	☒	☒	☒	☒	☒	☒	CONDITIONS SPECIFIED BELOW REASONS SPECIFIED BELOW
APPROVED CONDITIONALLY	☐	☐	☐	☐	☐	☐	☐	☐	
DISAPPROVED	☐	☐	☐	☐	☐	☐	☐	☐	

REASONS: _____

(Attach Separate Sheet if Necessary)


 SIGNATURE OF REVIEWING STAFF/DATE
 FIRE DEPARTMENT COPY

00944
B.O.C.A. USE GROUP
B.O.C.A. TYPE OF CONSTRUCTION
ZONING LOCATION PORTLAND, MAINE
SEP 14 1983
PERMIT ISSUED
CITY OF PORTLAND

To the CHIEF 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 601 Danforth Street Fire District #1 ☐ #2 ☐
1. Owner's name and address Merrill Indust. - 33 Allen Ave. 04103 Telephone 797-2026
2. Lessee's name and address Telephone
3. Contractor's name and address owner Telephone
Proposed use of building Commercial No. of sheets
Last use same No. families
Material No. stories Heat Style of roof Roofing
Other buildings on same lot
Estimated contractual cost \$ 1,500. Appeal Fees \$
Base Fee
Late Fee
TOTAL \$ 20.00

FIELD INSPECTOR—Mr.
@ 775 5451

To install 1000 Gal Oil Tank in basement enclosed with concrete block wall and sand, as per plan.

Stamp of Special Conditions

ISSUE PERMIT TO #1

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

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 Dressing 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?

APPROVALS BY:

DATE

MISCELLANEOUS

BUILDING INSPECTION—PLAN EXAMINER

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

ZONING:

BUILDING CODE:

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

Fire Dept.:

Health Dept.:

Others:

Signature of Applicant

Harry Eastman for Merrill Indust.

Phone #

Type Name of above

1 ☐ 2 ☐ 3 ☐ 4 ☐

Other

and Address

FIELD INSPECTOR'S COPY

APPLICANT'S COPY

OFFICE FILE COPY



HEATING, COOKING OR POWER EQUIPMENT

SEP 12 1983

Portland, Maine, Sept. 9, 1983

CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location **601 Danforth St.** Use of Building **Commercial** No. Stories **base.** New Building Existing " **X**
Name and address of owner of appliance **Merrill Indust. - 33 Allen Ave.**
Installer's name and address **owner** Telephone **797-2026**

General Description of Work

To install **Replacement boiler/burner**

IF HEATER, OR POWER BOILER

Location of appliance **Basement** Any burnable material in floor surface or beneath? **no**
If so, how protected? Kind of fuel? **#2**
Minimum distance to burnable material, from top of appliance or casing top of furnace **At least 3' all around**
From top of smoke pipe From front of appliance From sides or back of appliance
Size of chimney flue **13 x 18** 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? **yes**

IF OIL BURNER

Name and type of burner Labelled by underwriters' laboratories? **yes**
Will operator be always in attendance? **yes** Does oil supply line feed from top or bottom of tank? **bottom**
Type of floor beneath burner **concrete** Size of vent pipe
Location of oil storage **basement** Number and capacity of tanks **1 - 1,000 Gal.**
Low water shut off **yes** Make No.
Will all tanks be more than five feet from any flame? **yes** How many tanks enclosed? **none**
Total capacity of any existing storage tanks for furnace burners **1 - 1,000 Gal.**

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

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

Amount of fee enclosed? **15.00**

APPROVED:

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

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

CS 303

FILE COPY

Signature of Installer

(5)

Harry S. Saffman
for Merrill Industries Inc.

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CITY OF PORTLAND

Certificate of Flame Resistance



REGISTERED
APPLICATION
CONCERN No.
F-76.2

ISSUED BY
GRANITEVILLE COMPANY
WOODHEAD DIVISION
GRANITEVILLE, SO. CAROLINA
29829

Date Work Performed
9/13/77

This is to certify that the materials described on the reverse side hereof have been flame-retardant treated (or are inherently nonflammable).

FOR THE ASTRUP COMPANY AT 2937 WEST 25TH STREET
CITY CLEVELAND, STATE OHIO 44113

Certification is hereby made that: (Check "a" or "b")

- ☐ (a) The articles described on the reverse side of this Certificate have been treated with a flame-retardant chemical approved and registered by the State Fire Marshal and that application of said chemical was done in conformance with the laws of the State of California and the Rules and Regulations of the State Fire Marshal.
- Name of chemical used _____ Reg. No. _____
Method of application _____
- ☒ (b) The articles described on the reverse side hereof are flame-resistant fabric registered and approved by the State Fire Marshal.
- Trade name of flame-resistant fabric used GALA Reg. No. F-76.2

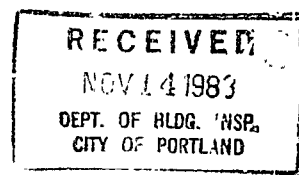
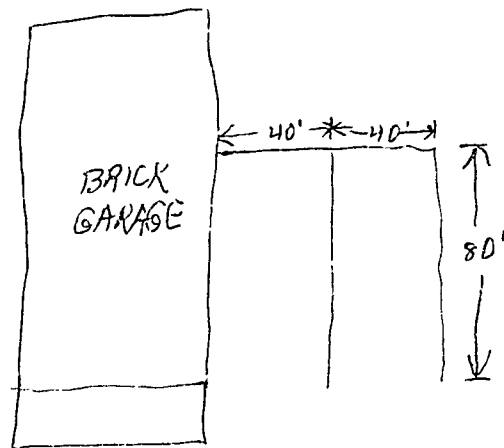
The Flame Retardant Process Used WILL NOT be changed by washing
CLASSIFIED BY UNDERWRITERS LABORATORIES
INC. AS TO FLAMABILITY ONLY 354-H

Name of Applicant _____
PAUL L. WEINLE
DIRECTOR OF RESEARCH

We hereby certify this to be a true copy of the original "CERTIFICATE OF FLAME RESISTANCE" issued to us, "original copy" is being filed with the Building Department.

The ASTRUP COMPANY
2937 WEST 25TH STREET
Address CLEVELAND, OHIO 44113

Signed by J. FELL



601 DANFORTH ST.
MERRILL INDUSTRIES, INC

11/14/83
Harry Eastman

APPLICATION FOR PERMIT

PERMIT ISSUED

B.O.C.A. USE GROUP

B.O.C.A. TYPE OF CONSTRUCTION Q 2243

NOV 14 1983

ZONING LOCATION PORTLAND, MAINE Nov. 14, 1983

CITY of PORTLAND

To the CHIEF 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 601 Danforth Street

1. Owner's name and address Merrill Industries Inc., 33 Allen Avenue Telephone 797-2026

2. Lessee's name and address Telephone

3. Contractor's name and address Maine Bay Carves --- 977 Brighton Ave. Telephone 773-2261

..... No. of sheets

Proposed use of building tent No. families

Past use No. families

Material No. stories Heat Style of roof Roofing

Other buildings on same

Estimated contractual cost \$ App. Fees \$

FIELD INSPECTOR - Mr. Base Fee 35.00

@ 775-5451 Late Fee

TOTAL \$ 25.00

To set temporary tent(2) 40x 40 equaling 80'

to be used on e day Nov. 14, 1983

tent to be used for dedication of pias.

Stamp of Special Conditions

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

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?

APPROVALS BY: DATE

MISCELLANEOUS

BUILDING INSPECTION—PLAN EXAMINER Will work require disturbing of any tree on a public street?

ZONING:

BUILDING CODE: Will there be in charge of the above work a person competent

Fire Dept.: to see that the State and City requirements pertaining thereto

Health Dept.: are observed?

Others:

Signature of Applicant *Harry Eastman* Phone # sameType Name of above Harry Eastman for Merrill Industries ☐ 2 ☐ 3 ☒ 4 ☐

Other

and Address

FIELD INSPECTOR'S COPY

APPLICANT'S COPY

OFFICE FILE COPY

15/MR. Leary

Permit No. 83/2243
Location 601 Danforth ST.
Owner Merrill Industries Inc.
Date of permit 11-14-83
Approved 11-14-83
Dwelling _____
Garage _____
Alteration Temp tent

NOTES

O.K.

Tent down

11/14/83

11/15/83

APPLICATION FOR PERMIT

PERMIT ISSUED

B.O.C.A. USE GROUP

B.O.C.A. TYPE OF CONSTRUCTION

12243

NOV 14 1953

ZONING LOCATION

PORTLAND, MAINE Nov. 14, 1953

CITY of PORTLAND

To the CHIEF OF BUILDING & INSPECTION SERVICES, PORTLAND, MAINE

The undersigned hereby apply for a permit to erect, alter, repair, demolish, move or install, 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 601 Danforth Street

1. Owner's name and address Merrill Industries Inc., 33 Allen Avenue Fire District #1 ☐ #2 ☐

2. Lessee's name and address Telephone 797-2026

3. Contractor's name and address Maine Tarp Canvas - 977 Brighton Ave. Telephone 773-2261

Proposed use of building tent No. of sheets

Last use No. families

Material No. stories Heat Style of roof Roofing

Other buildings on same lot

Estimated contractual cost \$

FIELD INSPECTOR—Mr.

@ 775-5451

Appeal Fees \$

Base Fee 35.00

Late Fee

TOTAL \$ 35.00

To set temporary tent (2) 40x40 equaling 80' to be used on a day Nov. 14, 1953 tent to be used for dedication of pier.

Stamp of Special Conditions

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

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?

APPROVALS BY:

DATE

MISCELLANEOUS

BUILDING INSPECTION—PLAN EXAMINER

ZONING:

BUILDING CODE:

Fire Dept.:

Health Dept.:

Others:

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

Type Name of above

Harry Eastman for Merrill Industries

Phone # 222

☐ 2 ☒ 3 ☐ 4

Other and Address

FIELD INSPECTOR'S COPY

APPLICANT'S COPY

OFFICE FILE COPY

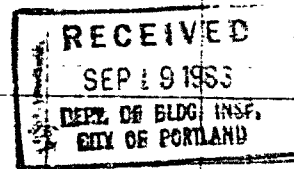
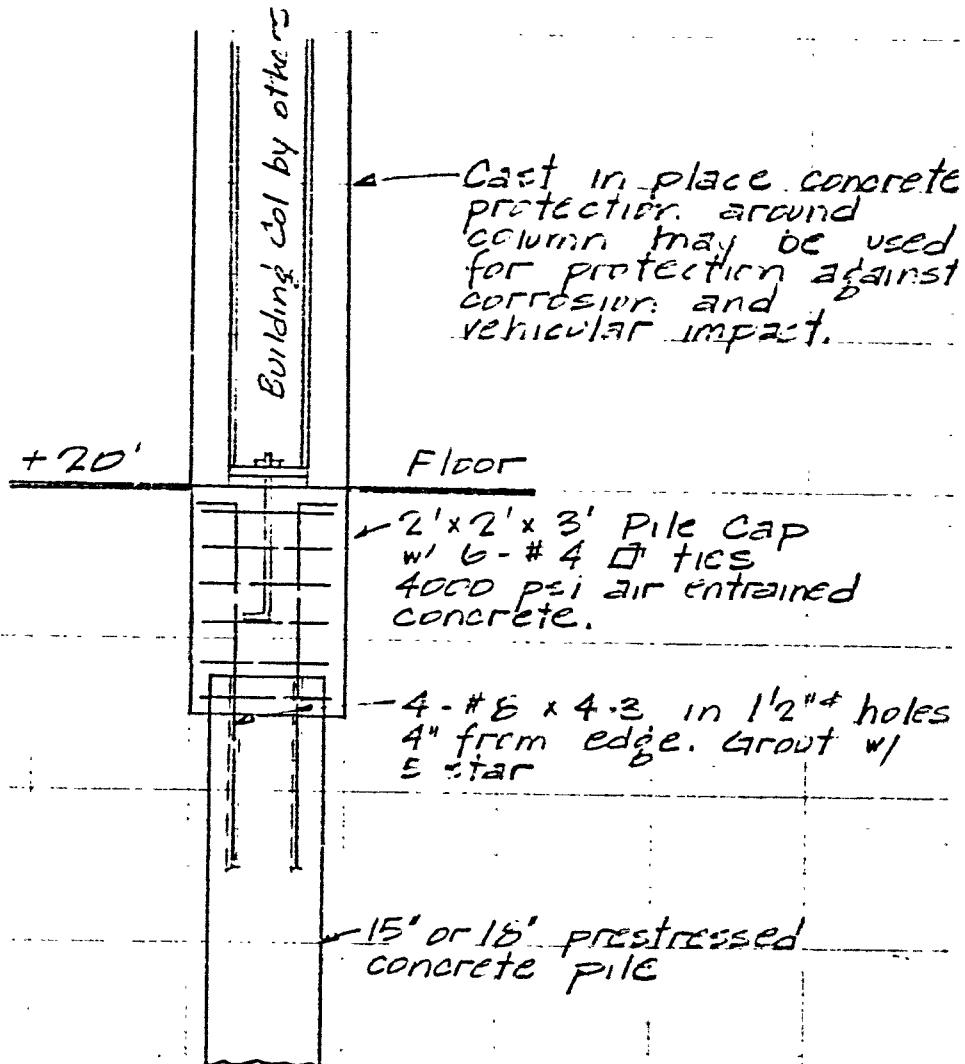
SUBJECT Bulk Storage Bldg
Merrill Industries Inc.
FOR PDIA BY EAM



ROSS H. BRYAN INC.
ENGINEERS
NASHVILLE, TENN.

SHEET NO. 3 OF 3
JOB NO.
DATE 9/12/53

Pile Cap &
Interior
Column



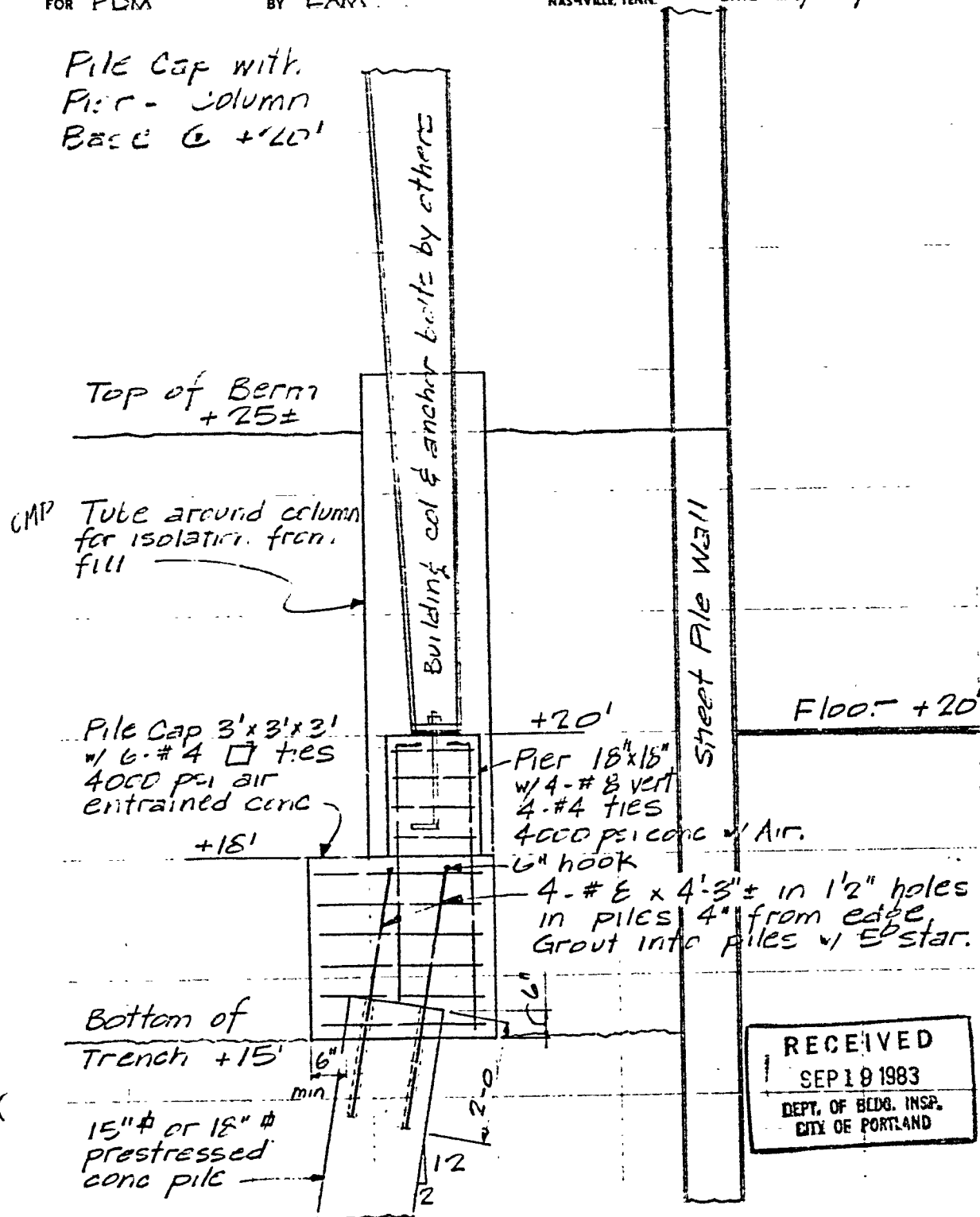
SUBJECT Bulk Storage Bldg.
Merrill Industries, Inc.
FOR PDM BY EAM



2055 H. BRYAN INC.
ENGINEERS
NASHVILLE, TENN.

SHEET NO. 2 OF 3
JOB NO.
DATE 9/13/83

File Cap with
Pier - column
Base @ +20'



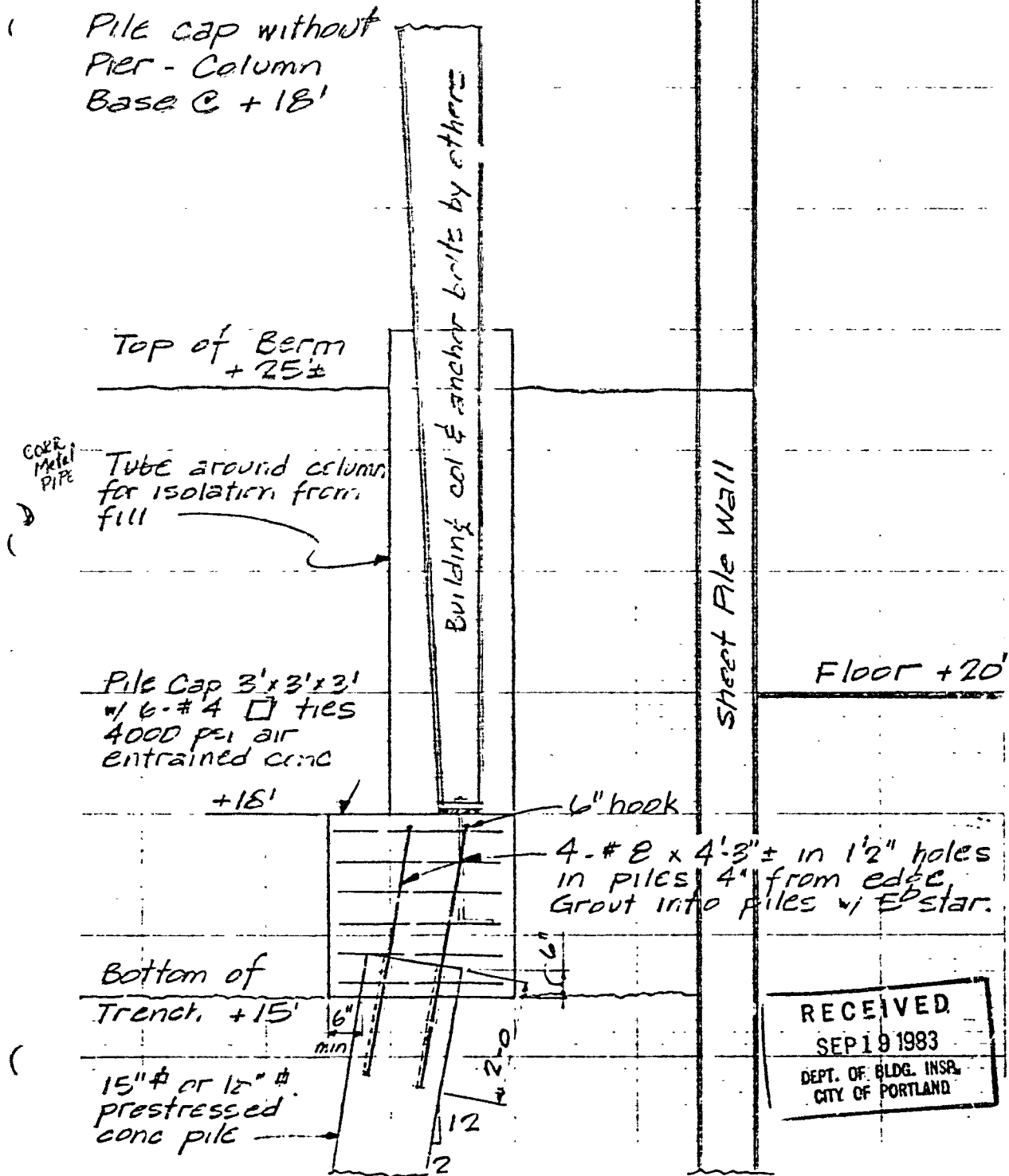
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SUBJECT Bulk Storage E.L.
Merrill Industries, Inc.
FOR PDM BY EAM

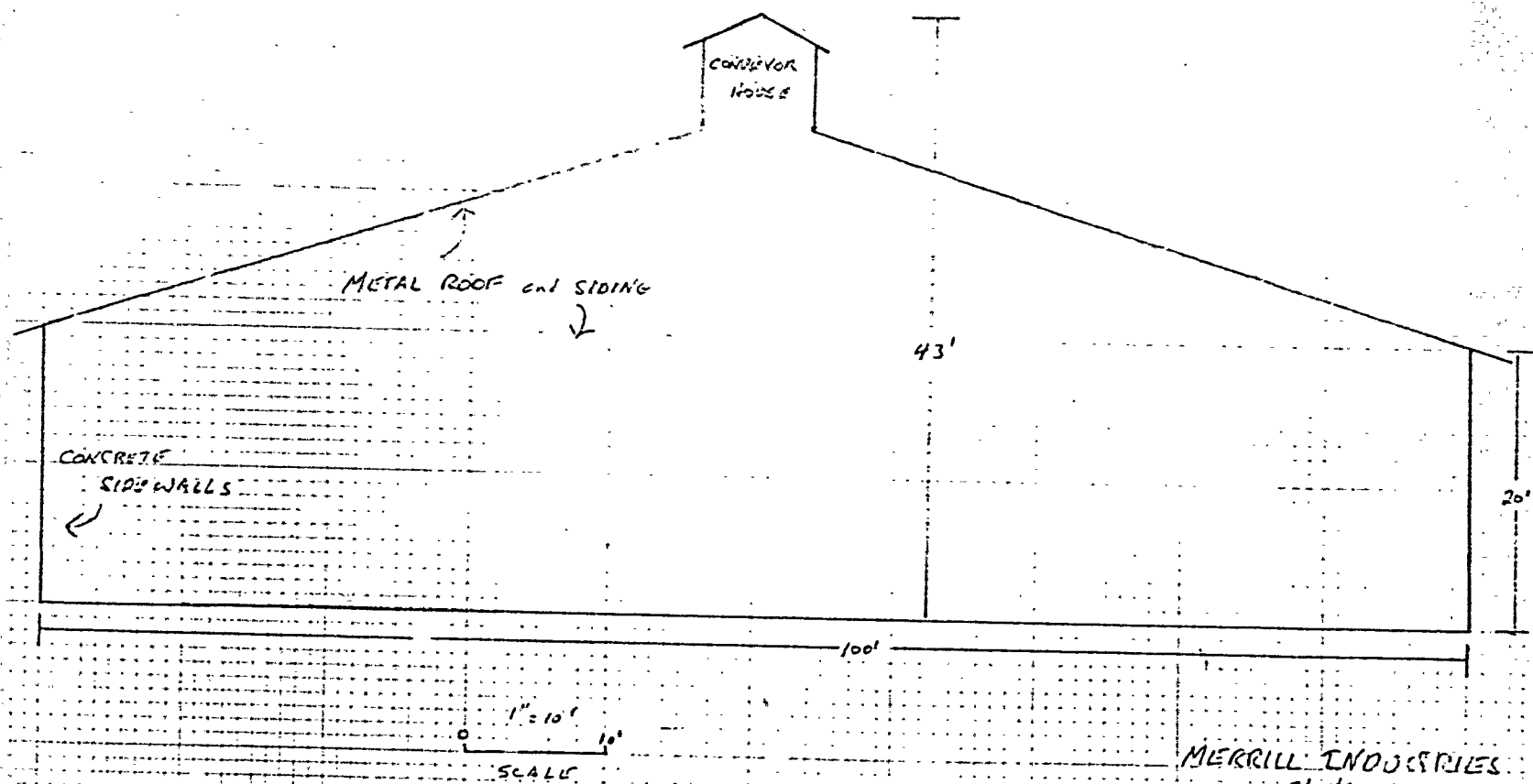


ROSS H. BRYAN INC.
ENGINEERS
NASHVILLE, TENN.

SHEET NO 1 OF 3
JOB NO
DATE 9/13/83



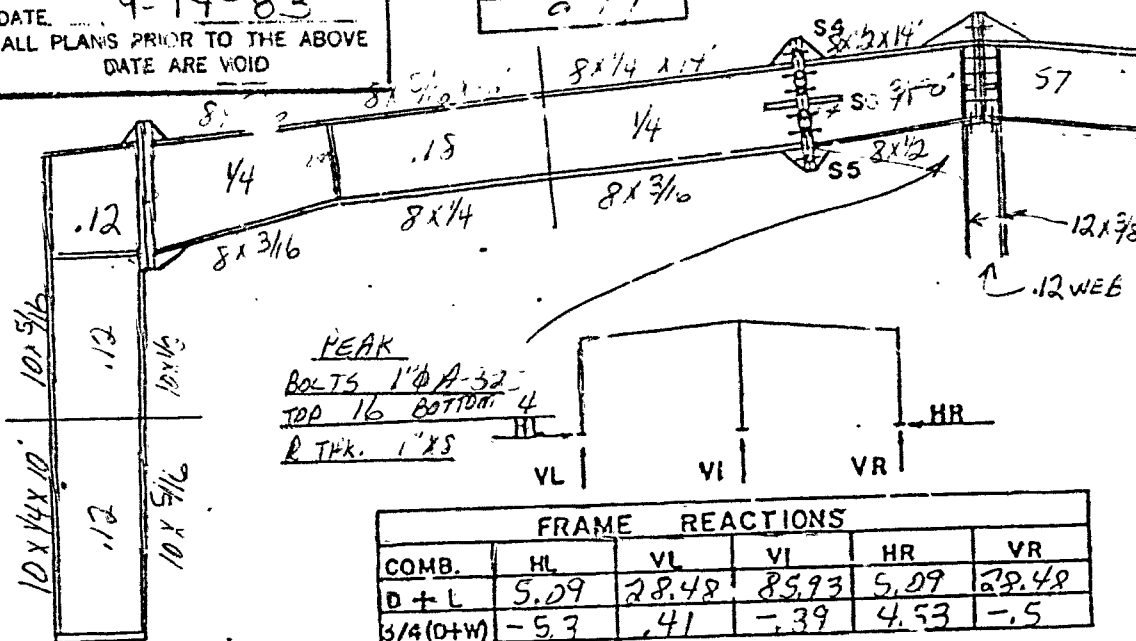
PROPOSED BULK STORAGE BUILDING
END VIEW



MERRILL INDUSTRIES
8/15/83

REVISED PLANS
DATE 9-14-83
ALL PLANS PRIOR TO THE ABOVE
DATE ARE VOID

received
6/77



FRAME REACTIONS					
COMB.	HL	VL	VI	HR	VR
D + L	5.09	28.48	85.93	5.09	28.48
3/4(D+W)	-5.3	.41	-39	4.53	-5

DEPTHS

BASE 12"
HAUNCH 12" / 32"
RMD 24"
PEAK 40"
WEB 31 3/4"

HAUNCH PLATE THK. 1/2 x 10
BASE PLATE THK. 5/8 ← NOTE
KNEE WEB THK. .12
HAUNCH STIFF. PL. THK. 3/8 x 4 1/2

SPLICE

BOLTS 7/8" A-325
TOP 4 BOTTOM 4
SPLICE PL. THK. 3/8 x 8

CONNECTION PLATE STIFF.

S1 — S2 — S3 —
S4 1/4 x 6 S5 — S6 —
S7 1/2 x 4 BETWEEN EVERY
2 SETS OF BOLTS

ULF STATES MANUFACTURERS, INC.
STARKVILLE, MISS. 39759

DESIGN — DATE —

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BOLTS

ANCHOR BOLTS 2-A4L
HAIRPINS 1-A4
HAUNCH 3/4" A-325
OUTSIDE 4 INSIDE 4

INTERIOR COLUMN SUMMARY

COLUMN SIZE WG 12 x 35.7 x
BASE PL. THK. 1" x 12" x 14"
CAP PL. THK. 1/2
ANCHOR BOLTS 2-A43
CAP PL. BOLTS 4-1/2" A-325

BRACES

COLUMN E5
RAFTER E5, 8, 16, 24, 32, 40, 44, 48, 52

4/12 SLOPE, OPEN

SPAN 106' EAVE HT. 23'-6"
BAY 25' LOAD 50/70

DESIGN PROGRAM INPUT PARAMETERS
JOB NUMBER 14425

SPAN-----	100.00	DEAD LOAD-----	4.00	LOAD	CONCENTRATED LOADS
BAY-----	25.00	LIVE LOAD-----	50.00	NO. MEM	MEM. VERT. HORIZ. DIST. OFFSET
LEFT EAVE HT.-----	23.50	WIND LOAD-----	20.00		
RIGHT EAVE HT.-----	23.50	WIND COEFFICIENTS			** NONE ENTERED **
RIGHT COL. ELEV.-----	0.0	WIND FROM LEFT:			
RIDGE DISTANCE-----	53.00	LEFT COLUMN-----	0.80		
LEFT RAFTER SLOPE-----	4.00/12	LEFT RAFTER-----	-0.05		
RIGHT RAFTER SLOPE-----	-4.00/12	RIGHT RAFTER-----	-0.50		
GIRT DEPTH-----	0.0	RIGHT COLUMN-----	-0.50		
PURLIN DEPTH-----	8.00	WIND FROM RIGHT:			
		LEFT COLUMN-----	-0.50		
INTERIOR COL. DISTANCES		LEFT RAFTER-----	-0.50		
COLUMN NO. 1--	53.00	RIGHT RAFTER-----	-0.05		
		RIGHT COLUMN-----	0.80		

ADDITIONAL UNIFORM LOADS
LOAD NO. K/FT ANGLE MEM NO.'S LOAD APPLIED TO

** NONE ENTERED **

DEAD LOAD IS LOADING # 1
LIVE LOAD IS LOADING # 2
WIND FROM LEFT IS LOADING # 3
WIND FROM RIGHT IS LOADING # 4

THE LOAD COMBINATION SUMMARY USES THE
LOADING # TO DEFINE THE LOADS INCLUDED
IN EACH DESIGN LOAD COMBINATION.

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PLANE FRAME AND TRUSS DESIGN
STRUCTURE DATA FOR JOB NO. 14425
N=13 NJ=14 NL=4 E= 29000.

JOINT COORDINATES					
JOINT	IRR	IVR	IHR	X-COORDINATE	Y-COORDINATE
1	1	1	1	0.500	0.0
2	0	0	0	0.500	10.000
3	0	0	0	0.500	21.558
4	0	0	0	9.000	24.743
5	0	0	0	25.000	30.077
6	0	0	0	39.000	34.743
7	0	0	0	53.000	38.707
8	0	0	0	67.000	34.743
9	0	0	0	81.000	30.077
10	0	0	0	97.000	24.743
11	0	0	0	105.500	21.558
12	0	0	0	105.500	10.000
13	1	1	1	105.500	0.0
14	1	1	1	53.000	0.0

IRR = 0 JOINT IS FREE TO ROTATE.
IRR = 1 JOINT IS RESTRAINED AGAINST ROTATION.
IVR = 0 JOINT IS FREE TO TRANSLATE IN THE "Y" DIRECTION.
IVR = 1 JOINT IS RESTRAINED IN THE "Y" DIRECTION.
IHR = 0 JOINT IS FREE TO TRANSLATE IN THE "X" DIRECTION.
IHR = 1 JOINT IS RESTRAINED IN THE "X" DIRECTION.

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[illegible]

MEMBER TYPES = 0 AND 4 BOTH ENDS ARE FIXED.
MEMBER TYPES = 1 AND 5 "J" END IS PINNED AND "K" END IS FIXED.
MEMBER TYPES = 2 AND 6 "J" END IS PINNED AND "K" END IS PINNED.
MEMBER TYPES = 3 AND 7 BOTH ENDS ARE PINNED.
MEMBER TYPES 0, 1, 2, AND 3 ARE PRISMATIC MEMBERS.

JOINT VERTICAL DEFLECTIONS SUMMARY

VERTICAL DEFLECTION IN INCHES UP

		LOADING 1													
JOINT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
VERT	0.0	-0.00	-0.00	-0.00	-0.00	-0.00	-0.01	-0.00	-0.00	-0.00	-0.00	-0.00	0.0	0.0	
		LOADING 2													
JOINT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
VERT	0.0	-0.02	-0.03	-1.18	-1.95	-0.78	-0.12	-0.78	-1.95	-1.18	-0.03	-0.02	0.0	0.0	
		LOADING 3													
JOINT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
VERT	0.0	0.00	0.00	-1.10	-1.85	-1.27	0.01	1.42	2.24	1.34	0.00	0.00	0.0	0.0	
		LOADING 4													
JOINT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
VERT	0.0	0.00	0.00	1.34	2.24	1.42	0.01	-1.27	-1.85	-1.10	0.00	0.00	0.0	0.0	

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LOAD COMBINATION SUMMARY

COMBINATION NUMBER 1

MULTIPLIER X LOAD #

1.000 X 1
1.000 X 2

COMBINATION NUMBER 2

MULTIPLIER X LOAD #

0.750 X 1
0.750 X 3

COMBINATION NUMBER 3

MULTIPLIER X LOAD #

0.750 X 1
0.750 X 4

RECEIVED

SEP 19 1983

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CITY OF PORTLAND

MEMBER NUMBER

1

POINT	CUMB	#	FORCES			ALLOWABLE			STRESSES		ACTUAL			STRESSES		UNITY		CHECKS
			MOMENT	SHEAR	AXIAL	BENDING OUTER	INNER	AXIAL	TENS.	SHEAR	BENDING OUTER	INNER	AXIAL	SHEAR	CUTER	INNER	SHEAR	
1	1		0.0	-4.1	-28.0	23.9	24.3	12.1	30.0	9.2	0.0	0.0	-4.0	-3.0	-0.33	-0.33	0.32	
1	2		0.0	6.0	-0.1	23.9	24.3	12.1	30.0	9.2	0.0	0.0	-0.0	-4.4	-0.00	-0.00	0.48	
1	3		7.0	-5.1	0.1	23.9	24.3	12.1	30.0	9.2	0.0	0.0	0.0	-3.8	0.00	0.00	0.41	
2	1		-6.8	-4.1	-28.0	23.9	24.3	12.1	30.0	9.2	-2.6	-2.2	-4.0	-3.0	-0.25	-0.43	0.32	
2	2		9.7	5.6	-0.1	23.9	24.3	12.1	30.0	9.2	-3.7	3.1	-0.0	-4.1	-0.11	0.10	0.45	
2	3		-4	-4.9	0.1	23.9	24.3	12.1	30.0	9.2	3.2	-2.7	0.0	-3.6	0.11	-0.11	0.39	
3	1		-11.6	-4.1	-28.0	23.9	24.3	12.1	30.0	9.2	5.1	-4.3	-4.0	-3.0	-0.16	-0.53	0.32	
3	2		18.8	5.3	-0.1	23.9	24.3	12.1	30.0	9.2	-7.1	6.0	-0.0	3.8	-0.30	0.20	0.42	
3	3		-16.4	-4.7	0.1	23.9	24.3	12.1	30.0	9.2	6.2	-5.2	0.0	-3.4	0.21	-0.22	0.37	
4	1		-20.4	-4.1	-28.0	23.9	24.3	12.1	30.0	9.2	7.7	-6.5	-4.0	-3.0	0.12	-0.62	0.32	
4	2		27.2	4.9	-0.1	23.9	24.3	12.1	30.0	9.2	-10.3	8.7	-0.0	3.5	-0.43	0.29	0.39	
4	3		-23.9	-4.4	0.1	23.9	24.3	12.1	30.0	9.2	9.1	-7.7	0.0	-3.2	0.30	-0.32	0.35	
5	1		-27.2	-4.1	-28.0	23.9	24.3	12.1	30.0	9.2	10.3	-8.7	-4.0	-3.0	0.21	-0.72	0.32	
5	2		35.0	4.5	-0.1	23.9	24.3	12.1	30.0	9.2	-13.3	11.2	-0.0	3.3	-0.56	0.37	0.36	
5	3		-31.1	-4.2	0.1	23.9	24.3	12.1	30.0	9.2	11.8	-9.9	0.0	-3.1	0.39	-0.41	0.33	
6	1		-34.0	-4.1	-28.0	23.9	24.3	12.1	30.0	9.2	12.9	-10.9	-4.0	-3.0	0.30	-0.82	0.32	
6	2		42.2	4.1	-0.1	23.9	24.3	12.1	30.0	9.2	-16.0	13.5	-0.0	3.0	-0.67	0.45	0.33	
6	3		-37.9	-3.9	0.1	23.9	24.3	12.1	30.0	9.2	14.3	-12.1	0.0	-2.9	0.48	-0.50	0.31	
7	1		-40.8	-4.1	-28.0	23.9	24.3	12.1	30.0	9.2	15.4	-13.0	-4.0	-3.0	0.38	-0.92	0.32	
7	2		48.7	3.7	-0.1	23.9	24.3	12.1	30.0	9.2	-18.4	15.6	-0.0	2.7	-0.77	0.52	0.30	
7	3		-44.3	-3.7	0.1	23.9	24.3	12.1	30.0	9.2	16.8	-14.2	0.0	-2.7	0.56	-0.58	0.29	

MEMBER NUMBER

1

SUMMARY OF MEMBER PROPERTIES

	DIST. POINT FROM J	DEPTH	AREA	IX	IY	SX OUTER	SX INNER	KX	KY	RT OUTER	RT INNER	CS OUTER	CS INNER	QA
1	0.0	12.0	7.0	206.2	46.9	31.7	37.5	5.43	2.59	2.77	2.80	0.80	0.92	0.90
2	1.7	12.0	7.0	206.2	46.9	31.7	37.5	5.43	2.59	2.77	2.80	0.80	0.92	0.90
3	3.3	12.0	7.0	206.2	46.9	31.7	37.5	5.43	2.59	2.77	2.80	0.80	0.92	0.90
4	5.0	12.0	7.0	206.2	46.9	31.7	37.5	5.43	2.59	2.77	2.80	0.80	0.92	0.90
5	6.7	12.0	7.0	206.2	46.9	31.7	37.5	5.43	2.59	2.77	2.80	0.80	0.92	0.90
6	8.3	12.0	7.0	206.2	46.9	31.7	37.5	5.43	2.59	2.77	2.80	0.80	0.92	0.90
7	10.0	12.0	7.0	206.2	46.9	31.7	37.5	5.43	2.59	2.77	2.80	0.80	0.92	0.90

OUTER FLANGE	10.00 X	0.250	WEIGHT =	85.08
INNER FLANGE	10.00 X	0.313	WEIGHT =	106.35
WEB	C.12	DJ = 12.00 DK = 12.00	WEIGHT =	49.01
				TOTAL WEIGHT = 240.44

WELD REQUIREMENTS 0.49 KIPS PER INCH

MAXIMUM OUTER FLANGE UNBRACED LENGTH 23.00

MAXIMUM INNER FLANGE UNBRACED LENGTH 23.00

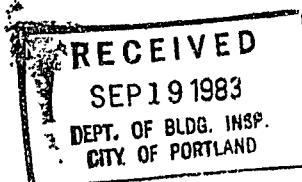
EFFECTIVE MINOR AXIS UNBRACED LENGTH 23.00

EFFECTIVE MAJOR AXIS UNBRACED LENGTH 41.13

CB = 1.75 CM = 0.85

MAXIMUM A/H RATIO 99.00

NO STIFFENERS REQUIRED

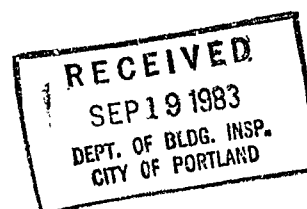


KNEE CONNECTION DESIGN FOR MEM. NO. 10 END K
TYPE C CONNECTION
OUTSIDE MOMENT OF INERTIA = 1566.718
INSIDE MOMENT OF INERTIA = 1566.718
USE 4 3/4 INCH DIA. BOLTS OUTSIDE
USE 4 3/4 INCH DIA. BOLTS INSIDE
CONNECTION PLATE SIZE = 4/8 X 10.00
NO INCREASE IN WEB THICKNESS AT CONNECTION
HAUNCH WEB STIFFENER = 6 /16 X 4.500
WEIGHT FOR THIS CONN. = 124.12

BASE PLATE AND ANCHOR BOLT DESIGN FOR MEM. NO. 12 END K

USE 2---3/4 STD. ANCHOR BOLTS
USE 1-NO. 4 HAIRPIN OR 2-NO. 4 CROSSTIES
USE 8/16 X 12.0 X 10.0 BASE PLATE
WEIGHT FOR THIS CONN. = 17.01

TOTAL FRAME WEIGHT WITH CONNECTIONS = 7663.88



ANCHOR BOLT AND CONNECTION SUMMARY

BASE PLATE AND ANCHOR BOLT DESIGN FOR MEM. NO. 1 END J

USE 2---3/4 STD. ANCHOR BOLTS
USE 1-NU. 4 HAIRPIN OR 2-NO. 4 CROSSTIES
USE 8/16 X 12.0 X 10.0 BASE PLATE
WEIGHT FOR THIS CONN. = 17.01

KNEE CONNECTION DESIGN FOR MEM. NO. 1 END J

TYPE C CONNECTION
OUTSIDE MOMENT OF INERTIA = 1566.718
INSIDE MOMENT OF INERTIA = 1566.718
USE 4 3/4 INCH DIA. BOLTS OUTSIDE
USE 4 3/4 INCH DIA. BOLTS INSIDE
CONNECTION PLATE SIZE = 4/8 X 10.00
NO INCREASE IN WEB THICKNESS AT CONNECTION
HAUNCH WEB STIFFENER = 6/16 X 4.500
WEIGHT FOR THIS CONN. = 124.12

SPLICE CONNECTION DESIGN FOR MEM. NO. 6 END J

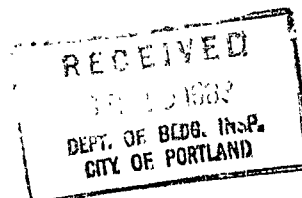
OUTSIDE MOMENT OF INERTIA = 1065.268
INSIDE MOMENT OF INERTIA = 1065.268
USE 4 7/8 INCH DIA. BOLTS OUTSIDE
USE 4 7/8 INCH DIA. BOLTS INSIDE
STIFFENER NO. 1 = 4/16 X 6
CONNECTION PLATE SIZE = 5/8 X 8.00
WEIGHT FOR THIS CONN. = 86.33

SPLICE CONNECTION DESIGN FOR MEM. NO. 8 END J

OUTSIDE MOMENT OF INERTIA = 1065.268
INSIDE MOMENT OF INERTIA = 1065.268
USE 4 7/8 INCH DIA. BOLTS OUTSIDE
USE 4 7/8 INCH DIA. BOLTS INSIDE
STIFFENER NO. 1 = 4/16 X 6
CONNECTION PLATE SIZE = 5/8 X 8.00
WEIGHT FOR THIS CONN. = 86.33

PEAK CONNECTION DESIGN FOR MEM. NO. 7 END J

INSIDE MOMENT OF INERTIA = 4438.648
OUTSIDE MOMENT OF INERTIA = 8859.742
USE 16 1 INCH DIA. BOLTS OUTSIDE
USE 4 1 INCH DIA. BOLTS INSIDE
STIFFENER NO. 2 = 5/16 X 8
PEAK CONNECTION PLATE SIZE = 7/8 X 8.00
WEIGHT FOR THIS CONN. = 141.37



B U I L D I N G				R E A C T I O N S							
COMB. NO.		LEFT COLUMN	RIGHT COLUMN	NO. 1 53.00	NO. 2	INTERIOR NO. 3	NO. 4	C O L U M N S NO. 5	NO. 6	NO. 7	NO. 8
1	HORIZ.	4.08	-4.08	0.0							
	VERT.	28.00	28.00	46.89							
	MOM.	0.0	-0.00	0.							
2	HORIZ.	-6.02	-5.15	0.0							
	VERT.	0.17	-0.10	-0.50							
	MOM.	0.0	0.00	0.0							
3	HORIZ.	5.15	6.02	0.0							
	VERT.	-0.09	0.13	-0.50							
	MOM.	0.0	-0.00	0.0							
COMBINATION NO.		1	IS								
COMBINATION NO.		2	IS								
COMBINATION NO.		3	IS								

HORIZONTAL REACTION IS POSITIVE TO THE RIGHT.
 VERTICAL REACTION IS POSITIVE UP.
 MOMENT IS POSITIVE COUNTER CLOCKWISE.





CITY OF PORTLAND, MAINE
Department of Building Inspection

Certificate of Occupancy

LOCATION: 601 Danforth Street

Issued to **Merrill Industries**

Date of Issue **November 21, 1983**

This is to certify that the building, premises, or part thereof, at the above location, built—altered—changed as to use under Building Permit No. 83-1002, 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

Storage Shed

Limiting Conditions:

This certificate supersedes
certificate issued

Approved:

(Date)

Inspector

Inspector of Buildings

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



CITY OF PORTLAND

JOSEPH E. GRAY, JR.
DIRECTOR OF PLANNING & URBAN DEVELOPMENT

September 27, 1983

Merrill Industries Inc.
33 Allen Ave.
Portland, Maine 04103

Dear Sir:

Your application to construct a 100' x 225' concrete and steel building at 601 Danforth Street to be used for cold storage has been reviewed and a building permit is herewith issued subject to the following requirements:

Site Plan Review Requirements:

Fire Department:	None	Lt. James Collins	August 15, 1983
Public Works Dept:	None	Robert J. Roy	August 17, 1983
Planning Dept:	Signed by Richard Knowland		August 24, 1983

Access gate must be a minimum of 24 feet wide.

Building Dept:	None	Malcolm Ward	August 24, 1983
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Building Permit Requirements:

1. Please supply this department with a complete set of floor plans showing exits and any partitions, if any, electrical and plumbing plans, and fire suppression system if any is installed.
2. All electrical and plumbing permits must be obtained by masters of their trade.
3. Other requirements could be placed on this permit after review of complete set of plans.

If you have any questions on these requirements, please call this office.

Sincerely,

P. Samuel Hoffses
Chief of Inspection Services

B.O.C.A. TYPE OF CONSTRUCTION 2B 001002
ZONING LOCATION I-3B PORTLAND, MAINE Aug. 15, 1983.

SEP 27 1983

CITY OF PORTLAND

To the CHIEF 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 601 Danforth Street 04103 District #1 ☐ #2 ☐
1. Owner's name and address Merrill Industries - 33 Allen Ave., City Telephone 797-2026
2. Lessee's name and address Telephone
3. Contractor's name and address Telephone

Proposed use of building No. of sheets
Last use No. families
Material No. stories Heat Style of roof Roofing
Other buildings on same lot
Estimated contractual cost \$ 175,000

FIELD INSPECTOR—Mr. @ 775-5451

Appeal Fees \$
Base Fee Site Plan Review
~~Late Fee~~ 300.00
TOTAL \$ 885.00
pd 9-19-83

Site plan review.
To construct 100' x 225' steel building (sheetpile)
to be used for bulk storage.

Stamp of Special Conditions
PERMIT ISSUED
WITH LETTER

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

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?

APPROVALS BY:

DATE

MISCELLANEOUS

BUILDING INSPECTION—PLAN EXAMINER
ZONING: OK 8/24/83 Will work require disturbing of any tree on a public street?
BUILDING CODE: OK Will there be in charge of the above work a person competent
Fire Dept.: OK to see that the State and City requirements pertaining thereto
Health Dept.: OK are observed?
Others

Signature of Applicant [Signature] Phone # 797-2036
Type Name of above E. D. Merrill for Merrill Indust. 1 ☐ 2 ☐ 3 ☐ 4 ☐
Other
and Address

PERMIT ISSUED
WITH LETTER

FIELD INSPECTOR'S COPY

APPLICANT'S COPY

OFFICE FILE COPY

5 MR Leary

Permit No. 83/1002
Location 601 Ogden St
Owner Merill Industries
Date of permit 8-15-83
Approved 9-27-83
Dwelling Steel Storage
Garage _____
Alteration _____

NOTES

10/19/83 WIP
11/18/83 OK GJO



CITY OF PORTLAND

DEPARTMENT OF PLANNING & URBAN DEVELOPMENT
INSPECTION SERVICES DIVISION

December 21, 1983

Mr. Harry Eastman
Merrill Industries
33 Allen Avenue
Portland, ME 04103

Dear Mr. Eastman:

An inspection of your recent boiler/burner installation revealed substantial compliance with municipal codes.

However, it was noted that the fuel line on the floor burner was unprotected. This line must be protected either by conduit or by concrete.

Sincerely,

Arthur Rowe
Code Enforcement Officer

AR/kat



APPLICATION FOR PERMIT FOR
HEATING, COOKING OR POWER EQUIPMENT

SEP 12 1983

Portland, Maine, Sept. 9 1983

CITY of PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

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

Location 601 Danforth St. Use of Building Commercial No. Stories base. New Building Existing " X
Name and address of owner of appliance Merrill Indust. - 33 Allen Ave.
Installer's name and address owner Telephone 797-2026

General Description of Work

To install Replacement boiler/burner

IF HEATER OR POWER BOILER

Location of appliance Basement Any burnable material in floor surface or beneath? no
If so, how protected? Kind of fuel? #2
Minimum distance to burnable material, from top of appliance or casing top of furnace At least 3' all around
From top of smoke pipe From front of appliance From sides or back of appliance
Size of chimney flue 13 x 18 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? yes

IF OIL BURNER

Name and type of burner Labelled by underwriters' laboratories? yes
Will operator be always in attendance? yes Does oil supply line feed from top or bottom of tank? bottom
Type of floor beneath burner concrete Size of vent pipe
Location of oil storage basement Number and capacity of tanks 1 - 1,000 Gal.
Low water shut off yes Make No.
Will all tanks be more than five feet from any flame? yes How many tanks enclosed? none
Total capacity of any existing storage tanks for furnace burners 1 - 1,000 Gal.

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

Amount of fee enclosed? 15.00

APPROVED:

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

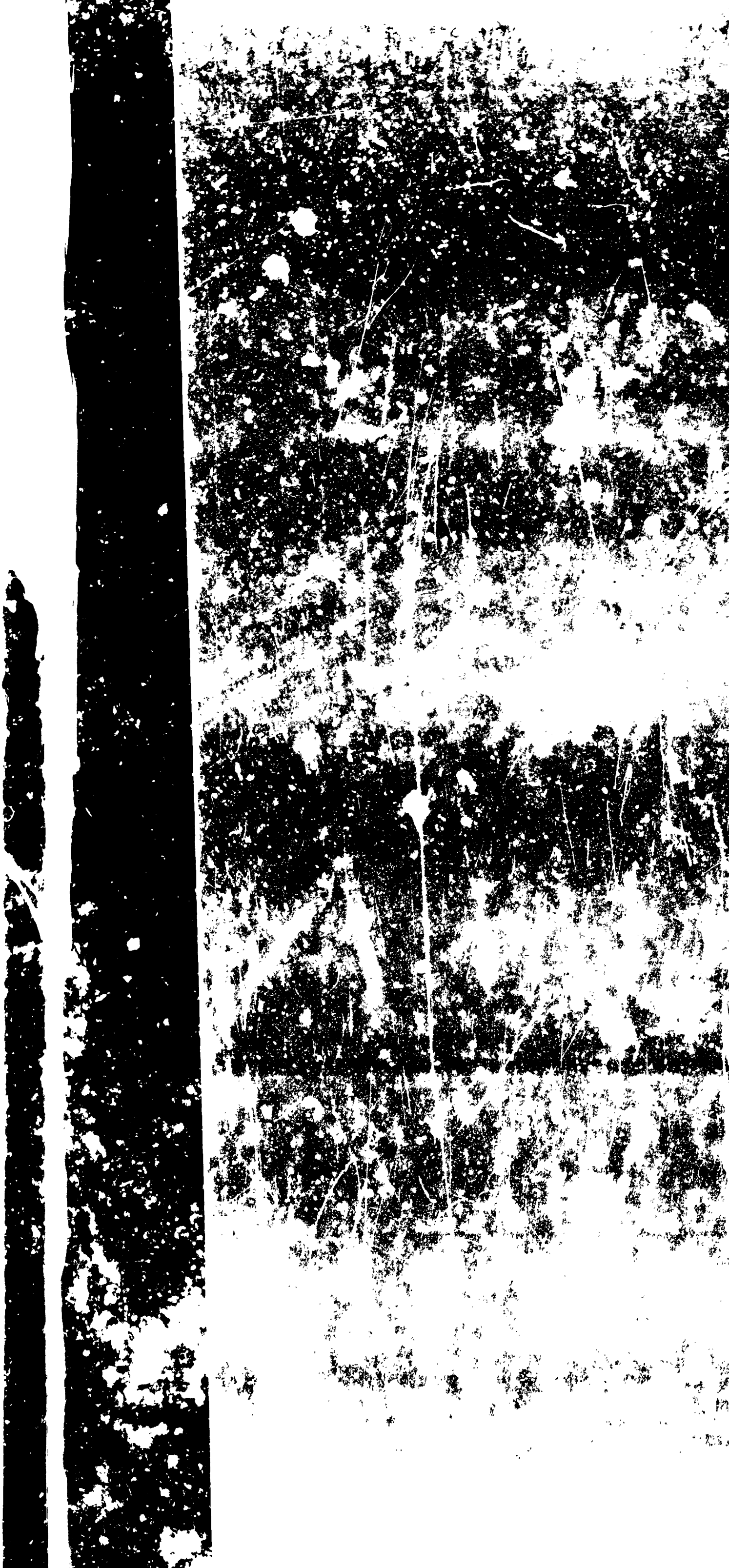
CS 300

INSPECTION COPY

Signature of Installer

Harry Easton
for Merrill Industries, Inc.

[5] MA. 200-1



Permit No. 83-936
 Location 501 Cambridge St
 Owner Merrill Industries
 Date of permit 9-9-83
 Approved 9-12-83

NOTES

10/14/83 Not yet.
 12/16/83 Don't know if open should be
 shut. Also oil line should be protected.
 Letty sent notifying per-
 mittee of oil line problem.
 12/16/83

1. 1/2" FILL PIPE ✓
2. 1/4" VENT PIPE ✓
3. Kind of Heat oil
4. Burner Rating & Support ✓
5. Name & Label Calder
6. Pressure Control ✓
7. High Limit Control ✓
8. Main Cutoff Switch ✓
9. Low Water Cutoff ✓
10. High Limit Control ✓
11. Dipping support & protection ✓
12. Valves in Supply line ✓
13. Capacity of tanks
14. Flow Rating & Support ✓
15. On/Off ✓
16. Leaking Card ✓
17. Oil Tank ✓
18. Oil Tank Capacity ✓
19. Oil Tank Label ✓
20. Oil Tank Support ✓



CITY OF PORTLAND

JOSEPH E. GRAY, JR.
DIRECTOR OF PLANNING & URBAN DEVELOPMENT

September 27, 1983

Merrill Industries Inc.
33 Allen Ave.
Portland, Maine 04103

Dear Sir:

Your application to construct a 100' x 225' concrete and steel building at 601 Danforth Street to be used for cold storage has been reviewed and a building permit is herewith issued subject to the following requirements:

Site Plan Review Requirements:

Fire Department:	None	Lt. James Collins	August 15, 1983
Public Works Dept:	None	Robert J. Roy	August 17, 1983
Planning Dept:	Signed by Richard Knowland		August 24, 1983
Access gate must be a minimum of 24 feet wide.			
Building Dept:	None	Malcolm Ward	August 24, 1983

Building Permit Requirements:

1. Please supply this department with a complete set of floor plans showing exits and any partitions, if any, electrical and plumbing plans, and fire suppression system if any is installed.
2. All electrical and plumbing permits must be obtained by masters of their trade.
3. Other requirements could be placed on this permit after review of complete set of plans.

If you have any questions on these requirements, please call this office.

Sincerely,

P. Samuel Hoffses
Chief of Inspection Services



APPLICATION FOR PERMIT

PERMIT ISSUED

B.O.C.A. USE GROUP

B.O.C.A. TYPE OF CONSTRUCTION 091002

SEP 27 1983

ZONING LOCATION PORTLAND, MAINE

CITY OF PORTLAND

To the CHIEF 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 691 Danforth Street Fire District #1 ☐ #2 ☐ 04105

1. Owner's name and address Merrill Industries - 33 Allen Ave., City Telephone 797-2026

2. Lessee's name and address Telephone

3. Contractor's name and address Telephone

..... 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 contractual cost \$..... 175,000

Appeal Fees \$

FIELD INSPECTOR—Mr.

Base Fee Site Plan Review

@ 775-5451

Late Fee ... 360.00

Site plan review.

TOTAL \$ 885.00

To construct 100' x 325' steel building (sheetpile)
to be used for bulk storage.

pd 9-19-83

Stamp of Special Conditions

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

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?

APPROVALS BY:

DATE

MISCELLANEOUS

BUILDING INSPECTION—PLAN EXAMINER Will work require disturbing of any tree on a public street?

ZONING: Will there be in charge of the above work a person competent

BUILDING CODE: to see that the State and City requirements pertaining thereto

Fire Dept.: are observed?

Health Dept.:

Others:

Signature of Applicant Phone #

Type Name of above E. D. Merrill for Merrill Indust. 1 ☐ 2 ☐ 3 ☐ 4 ☐

Other

and Address

5

FIELD INSPECTOR'S COPY

APPLICANT'S COPY

OFFICE FILE COPY