Robert M. Davis
Vice President
Business Banking

KeyCorp
1 Canal Plaza 4th Floor
Portland, ME 04101

Tel: 207-874-7284
Fax: 207-874-7750

Mark Bergeron
Pinkham & Greer Consulting Engineers, Inc
170 U. S Route One
Falmouth, Maine 04105

Re: Maine Parts & Machine, Inc. / William Kelton

Dear Mark:

Please be advised that the above referenced client of Key Bank has been approved for financing, subject to several terms and conditions, for the construction/permanent financing of real estate located at 3 Waldron Way Portland, Maine. The approved amount is $1,262,700.00. If you have any questions, or need any additional information, please feel free to call me at 874-7284.

Sincerely,

Robert M Davis

01143

Portland
Water District

225 Douglass St. • P.O. Box 3553 • Portland, ME 04104-3553

(207) 774-5961
FAX (207) 761-8307
www.pwd.org

June 15, 2001

Mark R. Bergeron. P.E.
Pinkham & Greer
170 U. S. Route One
Falmouth, Me. 04105

Re: 68 Waldron Way- Portland

Dear Mark:

This letter is to confirm there should be an adequate supply of clean and healthful water to serve the needs of the proposed building at 68 Waldron Way in Portland. Checking District records, I find there is an 12" water main on the short side of the street in Waldron Way.

Included is a sketch on the acceptable way to split a 8" service into fire and domestic services as well as a map of the District's water main in the street.

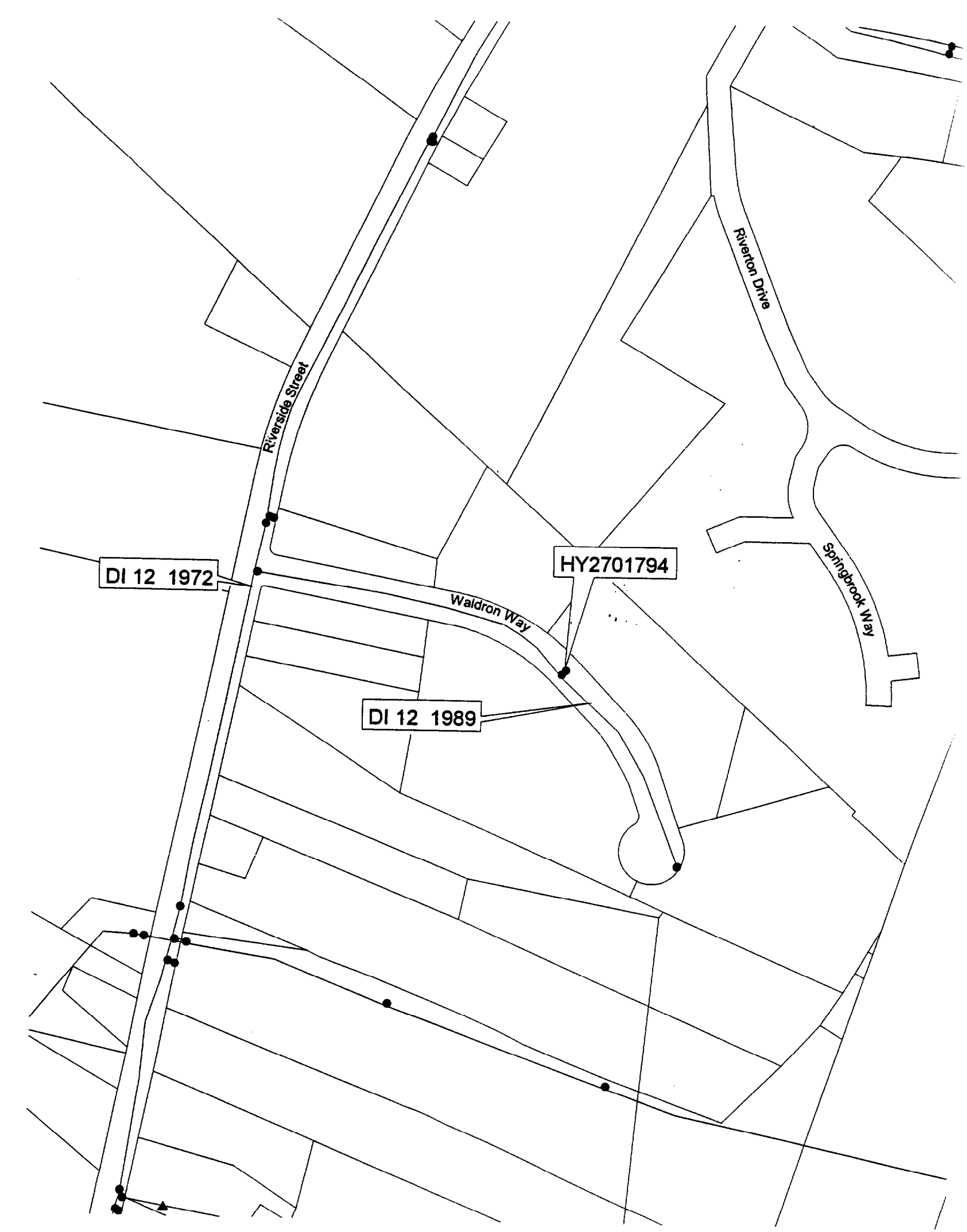
The current data from the nearest hydrant indicates there should be adequate capacity of water to serve the needs of your proposed project.

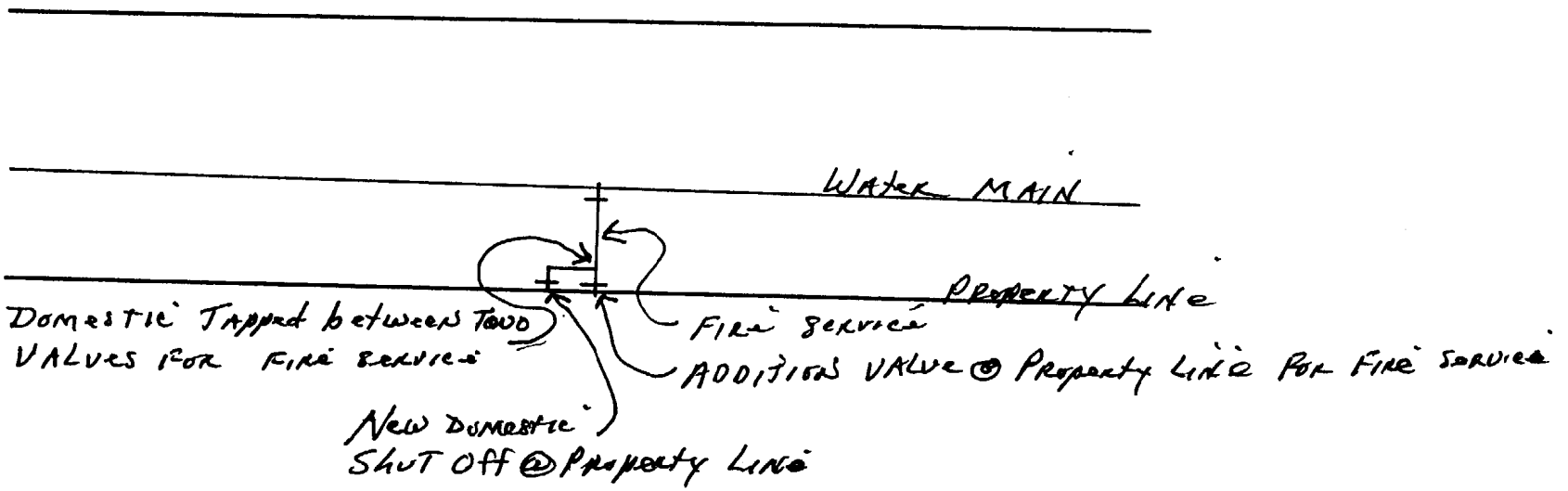
Hydrant Location: Waldron Way 640' SE of Riverside St.
Hydrant # 1794
Static pressure = 76 PSI
Flow = 1311 GPM
Last Tested = 7/13/90

If the district can be of further assistance in this matter, please let us know.

Sincerely,
Portland Water District

Jim Pandiscio
Means Coordinator


Riverside Street
Riverton Drive
Springbrook Way
Waldron Way
DI 12 1972
HY2701794
DI 12 1989


WATER MAIN
PROPERTY LINE
DOMESTIC TAPPED BETWEEN TWO VALVES FOR FIRE SERVICE
FIRE SERVICE
ADDITIONAL VALVE @ PROPERTY LINE FOR FIRE SERVICE
NEW DOMESTIC SHUT OFF @ PROPERTY LINE

CITY OF PORTLAND

DEPARTMENT OF PUBLIC WORKS
INDUSTRIAL DISCHARGE QUESTIONNAIRE

1. Company Name: **Maine Parts & Machine, Inc**

2. Mailing Address: **P.O Box 407**

   Westbrook, ME Zip Code: **04098**

3. Facility Premise Address: **3 Waldron Way**

   Portland, ME 04103

4. Person to contact in an emergency: **Bill Kelton**

   Title: **President** Phone: **846-6926**

5. Individual Process Description: SIC Code Average Production

Production Machining	**3599**	**100% of sales**

6. Wastewater Generating Operation:

We mix water with water soluable coolant. When this has reached the end of its useful life we then pump it into a storage tank that we will be placing within the building. When the storage tank is full United Industrial Services comes with a tanker truck to haul it away as non-hazardous waste.

7. Seasonal Variations:

None.

8. Wastewater Flows (gallons/day):

SIC Process	Process Discharge Avg	Max	Cooling Water Avg	Max	Sanitary Avg	Max	Total Plant Avg	Max
_____	___	___	___	___	___	___	___	___
_____	___	___	___	___	___	___	___	___
_____	___	___	___	___	___	___	___	___
_____	___	___	___	___	___	___	___	___

9. Water Source:

[ ] Private Well [√] Public (metered) [ ] Other _____

10. Nature and concentration of pollutants: (concentration in milligrams per liter, mg/l)
Please attach your most recent discharge monitoring report showing laboratory analysis data for the proposed industrial wastewater. **N/A.**

11. Are any of the following materials used or stored on the premises?

1. Flammable or explosive materials.
2. Acid, alkaline, or corrosive materials.
3. Pesticides or toxic materials such as Aldrin, Dieldrin, Benzidine, Cadmium, Cyanide, DDD, DDE, DDT, Endrin, Mercury, PCB's, Toxaphene, etc.
4. Oil, grease or solvents.
5. Metal solutions or powders.
6. Phenols.
7. Large amounts of soaps or detergents.
8. Radioactive materials.
9. Dyes

[ ] NO [√] YES (If yes, give description, and the approximate quantities used and/or stored on the premises, and the method of disposal for each. Also, submit Material Safety Data Sheets for each.)

Dykem Marking Inks and Remover / Thinner (less than 2 gallons)

Waylube, Hydraulic Oils, Synthetic Grease and WD-40

Safety-Cool 984 water soluble coolant

Orange Plus biodegradable citrus cleaner and degreaser

Various Metals and Plastics in solid bar and sheet form

Propane, 1 to 2 tanks stored outside in an OSHA cabinet and 1 on the fork truck

12. Do you wish permission to discharge any of the following?	YES	NO
A. More than 50,000 gallons per day	___	√
B. A "slug" (more than 5 times the normal flow or strength for longer than 15 minutes)	___	√
C. A concentration of BOD in excess of 250 mg/l or suspended solids in excess of 300 mg/l	___	√
D. Wastes containing fats, wax, grease or oil, whether emulsified or not, in excess of 100 mg/l	___	√
E. pH higher than 8.3 (less than 5.0 is prohibited)	___	√
F. Metals, metal pickling wastes or plating solutions	___	√
G. Storm water, cooling water, etc., which is polluted or otherwise unacceptable for discharge into storm drains or natural outlets	___	√
H. Wastewater with a temperature over 150 degrees Fahrenheit (65 C)	___	√
I. Garbage	___	√
J. Radioactive wastes	___	√
K. Materials which cause unusual amounts of inert suspended solids (e.g. solids), dissolved solids, (e.g. sodium chloride), discoloration (e.g. dyes)	___	√
L. Discharges regulated by the EPA (ie: discharge classified as Categorical)	___	√

IF ANY ARE MARKED "YES", GIVE DETAILS OF EACH IN "REMARKS" BELOW
OR ATTACH SHEET

---

13. Remarks:_____

14. Describe any wastewater pretreatment used or planned (attach sheets if necessary):

None.

15. Describe all other environmental control permits held by this facility and identify permit numbers where applicable:

None.

SITE PLAN OF PREMISES

See attached site plan.

****

NOTE--DISCHARGES OF SUBSTANCES INTO THE PUBLIC SEWER ARE REGULATED BY LAW AND ARE SUBJECT TO CIVIL PENALTIES. IF YOU ANTICIPATE DISCHARGING ANYTHING OTHER THAN NORMAL DOMESTIC SEWAGE, YOU ARE ADVISED TO READ THE CITY OF PORTLAND'S SEWER USE ORDINANCE.

****

PROHIBITED WASTES--(BRIEF DESCRIPTION, See Sewer Use Ordinance, for full description) :

1. Unpolluted storm or other waters.
2. Flammable or explosive liquids, solids, or gases.
3. Toxic or poisonous liquids, solids, or gases.
4. Solid or viscous substances capable of causing an obstruction to the flow in meters, or other interference with the proper operation or maintenance of the sewerage system.
5. Any slug of wastes.
6. Materials prohibited by the EPA.

NOTE--A SEWER USE PERMIT PERTAINS ONLY TO THE DISCHARGE OF WASTEWATER INTO THE PUBLIC SEWERAGE SYSTEM. CONNECTION TO THE PUBLIC SEWER, AND THE INSTALLATION OR MODIFICATION OF ON-SITE PLUMBING, REQUIRES SEPARATE PERMITS.

CERTIFICATION: Existing pretreatment standards, if any, for this company √ are ☐are not being met on a consistent basis. Additional operation and maintenance (O & M) required to insure compliance is as follows: _____

_____

_____

Additional pretreatment required to meet standards is as follows:

_____

_____

_____

Use next sheet to describe the implementation schedule.

I have personally examined and am familiar with the information submitted in this document and attachments. Based on my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

William W. Kelton
Signature of Authorized Representative

6/29/01
(Date)

William W. Kelton
Name (type or print)

President
Title

SHEET NUMBER 75

CUMBERLAND COUNTY SOILS SURVEY, 1974

SOIL LEGEND

The first capital letter is the initial one of the soil name. A second capital letter, A, B, C, D, or E, shows the slope. Most symbols without a slope letter are those of nearly level soils, but some are for land types that have a considerable range of slope. A final number, 2, in the symbol shows that the soil is eroded.

SYMBOL	NAME
Au	Au Gres loamy sand
BgB	Belgrade very fine sandy loam, 0 to 8 percent slopes
BgC2	Belgrade very fine sandy loam, 8 to 15 percent slopes, eroded
Bo	Biddeford silt loam
BuB	Buxton silt loam, 3 to 8 percent slopes
BuC2	Buxton silt loam, 8 to 15 percent slopes, eroded
CaB	Canaan sandy loam, 3 to 8 percent slopes
CaC	Canaan sandy loam, 8 to 15 percent slopes
CeB	Canaan very rocky sandy loam, 3 to 8 percent slopes
CeC	Canaan very rocky sandy loam, 8 to 20 percent slopes
CeE	Canaan very rocky sandy loam, 20 to 60 percent slopes
Ck	Coastal beaches
Cu	Cut and fill land
DeA	Deerfield loamy sand, 0 to 3 percent slopes
DeB	Deerfield loamy sand, 3 to 8 percent slopes
Du	Dune land
EmB	Elmwood fine sandy loam, 3 to 8 percent slopes
Gp	Gravel pits
HfB	Hartland very fine sandy loam, 3 to 8 percent slopes
HfC2	Hartland very fine sandy loam, 8 to 15 percent slopes, eroded
HfD2	Hartland very fine sandy loam, 15 to 25 percent slopes, eroded
HgB	Hermon sandy loam, 3 to 8 percent slopes
HgC	Hermon sandy loam, 8 to 15 percent slopes
HgD	Hermon sandy loam, 15 to 25 percent slopes
HhB	Hermon very stony sandy loam, 3 to 8 percent slopes
HhC	Hermon very stony sandy loam, 8 to 15 percent slopes
HhD	Hermon very stony sandy loam, 15 to 30 percent slopes
HkC	Hermon extremely stony sandy loam, 8 to 20 percent slopes
HkE	Hermon extremely stony sandy loam, 20 to 60 percent slopes
HlB	Hinckley gravelly sandy loam, 3 to 8 percent slopes
HlC	Hinckley gravelly sandy loam, 8 to 15 percent slopes
HlD	Hinckley gravelly sandy loam, 15 to 25 percent slopes
HnB	Hinckley-Suffield complex, 3 to 8 percent slopes
HnC	Hinckley-Suffield complex, 8 to 15 percent slopes
HnD	Hinckley-Suffield complex, 15 to 25 percent slopes
HrB	Hollis fine sandy loam, 3 to 8 percent slopes
HrC	Hollis fine sandy loam, 8 to 15 percent slopes
HrD	Hollis fine sandy loam, 15 to 25 percent slopes
HsB	Hollis very rocky fine sandy loam, 3 to 8 percent slopes
HsC	Hollis very rocky fine sandy loam, 8 to 20 percent slopes
HsE	Hollis very rocky fine sandy loam, 20 to 35 percent slopes
Ls	Limerick-Saco silt loams
LyB	Lyman fine sandy loam, 3 to 8 percent slopes
LyC	Lyman fine sandy loam, 8 to 15 percent slopes
LzB	Lyman very rocky fine sandy loam, 3 to 8 percent slopes
LzC	Lyman very rocky fine sandy loam, 8 to 20 percent slopes
LzE	Lyman very rocky fine sandy loam, 20 to 45 percent slopes
Md	Made land
MeC	Melrose fine sandy loam, 8 to 15 percent slopes
MkB	Merrimac fine sandy loam, 3 to 8 percent slopes
MkC	Merrimac fine sandy loam, 8 to 15 percent slopes
On	Ondawa fine sandy loam
PbB	Paxton fine sandy loam, 3 to 8 percent slopes
PbC	Paxton fine sandy loam, 8 to 15 percent slopes
PbD	Paxton fine sandy loam, 15 to 25 percent slopes
PfB	Paxton very stony fine sandy loam, 3 to 8 percent slopes
PfC	Paxton very stony fine sandy loam, 8 to 15 percent slopes
PfD	Paxton very stony fine sandy loam, 15 to 25 percent slopes
PkB	Peru fine sandy loam, 0 to 8 percent slopes
PkC	Peru fine sandy loam, 8 to 15 percent slopes
PlB	Peru very stony fine sandy loam, 0 to 8 percent slopes
PlC	Peru very stony fine sandy loam, 8 to 15 percent slopes
Py	Podunk fine sandy loam
RbA	Ridgebury fine sandy loam, 0 to 3 percent slopes
RgA	Ridgebury very stony fine sandy loam, 0 to 3 percent slopes
Ro	Rock land
Ru	Rumney fine sandy loam
Sd	Saugatuck loamy sand
Sn	Scantic silt loam
So	Scarboro sandy loam
Sp	Sebago mucky peat
SuC2	Suffield silt loam, 8 to 15 percent slopes, eroded
SuD2	Suffield silt loam, 15 to 25 percent slopes, eroded
SuE2	Suffield silt loam, 25 to 45 percent slopes, eroded
Sz	Swanton fine sandy loam
Tm	Tidal marsh
Wa	Walpole fine sandy loam
Wg	Whately fine sandy loam
Wh	Whitman fine sandy loam
WmB	Windsor loamy sand, 0 to 8 percent slopes
WmC	Windsor loamy sand, 8 to 15 percent slopes
WmD	Windsor loamy sand, 15 to 30 percent slopes
WrB	Woodbridge fine sandy loam, 0 to 8 percent slopes
WrC	Woodbridge fine sandy loam, 8 to 15 percent slopes
WsB	Woodbridge very stony fine sandy loam, 0 to 8 percent slopes
WsC	Woodbridge very stony fine sandy loam, 8 to 15 percent slopes

WORKS

Highways and roads

Divided .....

Good motor .....

Poor motor .....

Trail .....

Highway markers

National Interstate

U. S. .....

State or county .....

Railroads

Single track .....

Multiple track .....

Abandoned .....

Bridges and crossings

Road .....

Trail .....

Railroad .....

Ferry .....

Grade .....

R. R. over .....

R. R. under .....

Buildings .....

School .....

Church .....

Mine and quarry .....

Gravel pit .....

Power line .....

Breakwater, Jetty .....

Airway beacon .....

Cemetery .....

Dams .....

Levee .....

Tanks .....

Lighthouse .....

Forest fire or lookout

Fort .....

Located object .....

Hydrologic Groups, Permissible Velocity and Subsurface Inflow Rates for Soils in Western and Southern Maine[1].

Soil Name	Permissible Velocity Feet per second		Inflow Rate cfs/1000 ft.
	Bare	Vegetated	
Hydrologic Group A			
Adams (Windsor)	2.5	3.5	1.00
Colton (Hinkley)	2.5	4.0	1.00
Herman (Gloucester)	3.0	4.5	1.00
Masardis	2.5	4.0	1.00
Sunday (Suncook)	2.5	3.5	.20
Hydrologic Group B			
Allagash	1.0	3.0	1.00
Berkshire (Charlton)	2.5	4.0	.15
Croghan (Deerfield)	2.5	4.0	.50
Duane	2.5	4.0	.50
Elliotsville	1.5	3.0	.20
Fryeburg (Hadley)	1.5	3.0	.10
Groveton (Agawam)	2.5	4.0	1.00
Lovewell (Winnoski)	1.5	3.0	.07
Madawaska (Ninigret)	2.5	3.5	.50
Monadnock	2.5	3.5	.15
Ondawa	2.5	3.5	.20
Podunk	2.5	3.5	.15
Salmon (Hartland)	2.0	3.5	.10
Sheepscot	2.5	4.0	.50
Stetson (Merrimac)	2.5	3.5	1.00
Hydrologic Group C			
Becket	2.5	4.0	.10
Boothbay	1.5	3.0	.05
Brayton (Ridgebury)	2.5	4.0	.08
Brayton Variant	2.5	4.0	.08
Buxton (Suffield)	1.5	3.0	.05
Charles (Limerick)	1.5	3.0	.06
Chesuncook	1.5	3.0	.15
Colonel	2.5	3.5	.09
Cornish	1.5	3.0	.06
Dixfield	2.5	3.5	.09
Eldridge	1.5	3.0	.05
Elmwood	2.5	4.0	.05
Finch (Saugatuck)	2.5	3.5	.15
Lyme (Leicester)	2.5	4.0	.08
Marlow (Paxton)	2.5	4.0	.10
Melrose	2.5	4.0	.10
Moosilauke (Walpole)	2.5	4.0	.15
Naskeag	2.5	4.0	.15
Naumburg (Au Gres)	2.5	4.0	.15
Nicholville (Belgrade, Scio)	1.5	3.0	.07
Peru (Woodbridge, Sutton)	2.5	3.5	.09
Roundabout (Raynham)	1.5	3.0	.05
Rumney	2.5	4.0	.15
Skerry	2.0	3.5	.09
Swanville	1.5	3.0	.05

Soil Name	Permissible Velocity Feet per second		Inflow Rate cfs/1000 ft.
	Bare	Vegetated	
Hydrologic Group C (cont.)			
Telos	1.5	3.0	.15
Tunbridge	2.0	3.5	---
Westbury	2.5	4.0	.08
Hydrologic Group D			
Abram	2.0	3.5	---
Biddeford	1.5	3.0	.05
Borohemists (Peat/Muck)	1.5	---	.15
Borosaprists (Ponded Peat/Muck)	1.5	---	.15
Hemist	1.5	---	.15
Chocorua	1.5	---	---
Gouldsboro	1.5	---	---
Lamoine	1.5	3.0	.05
Medomak (Saco)	1.5	3.0	.04
Monarda	2.0	3.0	.07
Peacham (Whitman)	2.0	3.5	.09
Rifle	1.5	---	.15
Saprists	1.5	---	.15
Scantic	1.5	3.0	.05
Schoodic	2.0	3.5	---
Searsport (Scarboro)	2.5	4.0	.15
Sebago	1.5	---	.15
Sulfihemists (Tidal Marsh)	1.5	---	.15
Sulfaquents (Tidal Marsh)	1.5	---	---
Togus	1.5	---	.15
Vasselboro	1.5	---	.15
Waskish	1.5	---	.15
Whately	2.0	3.5	.05
Wonsqueak	1.5	---	.15
Hydrologic Group C/D			
Lyman (Hollis, Cannan)	2.0	3.5	---
Swanton	1.5	3.0	.05
Thorndike	2.5	4.0	---

[1]Soils recognized by the Soil Conservation Service in Oxford, Franklin, Kennebec, Androscoggin, Sagadahoc, Knox, Lincoln, Cumberland and York Counties. (order 2 surveys only)

Mesic soil name in Parenthesis.

Miscellaneous land types are not assigned to a hydrologic group because of the variability of the soil material.

Sources:

Hydrologic Groups: Interpretation Record Sheets (SCS-SOI-5) SCS.

Permissible Velocities and Inflow rates: Water Management Guide - Part 1 - Drainage (SCS 1976). Values for soils added since 1976 were developed by comparing new soils to those in the guide with similar properties.

February 1989

FEB 2 0

City of Portland, Maine

389 Congress St., Rm 315
Portland, ME 04101

ACCESSIBILITY CERTIFICATE

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Services

FROM: DAVID D. LEASURE - ARCHITECTURAL ASSOC. INC.
1344 WASHINGTON AVE. PORTLAND, ME. 04103

RE: Certificate of Design, HANDICAP ACCESSIBILITY

DATE: FEBRUARY 15, 2002

These plans and/or specifications covering construction work on: * SEE NOTE BELOW

MAINE PARTS & MACHINE
68 WALDRON WAY
PORTLAND, ME 04103

Have been designed and drawn up by the undersigned, a Maine registered engineer/architect according to State Regulations as adopted by the State of Maine on Handicapped Accessibility.

(SEAL)

LICENSED ARCHITECT
DAVID D. LEASURE NO. 1725
STATE OF MAINE

Signature

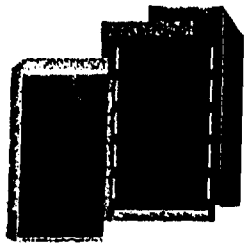
Title PRESIDENT

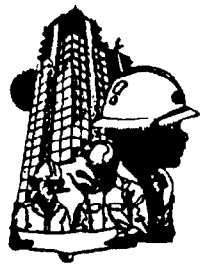
Firm ARCHITECTURAL ASSOC. INC.

Address 1344 WASHINGTON AVE.
PORTLAND, ME. 04103

* THE FOLLOWING SYSTEMS ARE HEREBY EXEMPTED FROM THIS CERTIFICATION:

1. SITE DESIGN
2. MECHANICAL, ELECTRICAL AND PLUMBING DESIGN
3. FIRE PROTECTION, FIRE ALARM & PROCESS PIPING SYSTEMS





CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Rm 315
Portland, ME 04101

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

FROM: DAVID D. LEASURE - ARCHITECTURAL ASSOC. INC
1344 WASHINGTON AVENUE PORTLAND, ME. 04103

RE: Certificate of Design

DATE: FEBRUARY 15, 2002

These plans and/or specifications covering construction work on: * SEE NOTE BELOW

MAINE PARTS AND MACHINE
60 WALDRON WAY
PORTLAND, ME. 04103

Have been designed and drawn up by the undersigned, a Maine registered architect/engineer according to the **BOCA National Building Code/1999 Fourteenth Edition**, and local amendments.

(SEAL) LICENSED ARCHITECT * DAVID D. LEASURE NO. 1725 * STATE OF MAINE

Signature _____

Title PRESIDENT

Firm ARCHITECTURAL ASSOC. INC.

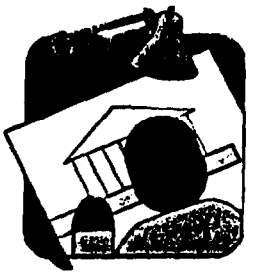
Address 1344 WASHINGTON AVE
PORTLAND, ME. 04103

As per Maine State Law:

$50,000.00 or more in new construction, repair, expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.

PSH 6/20/2k

* THE FOLLOWING SYSTEMS ARE HEREBY EXEMPTED FROM THIS CERTIFICATION:
1. SITE DESIGN
2. MECHANICAL, ELECTRICAL, AND PLUMBING DESIGN
3. FIRE PROTECTION, FIRE ALARM, & PROCESS PIPING SYSTEMS



CITY OF PORTLAND MAINE

389 Congress St., Rm 315
Portland, ME 04101
Tel. – 207-874-8704
Fax – 207-874-8716

TO: Inspector of Buildings City of Portland, Maine
Planning & Urban Development
Division of Housing & Community Services

FROM DESIGNER: DAVID D LEASURE - ARCHITECTURAL ASSOC. INC.
1344 WASHINGTON AVENUE
PORTLAND, ME. 04103

DATE: FEBRUARY 15, 2002

Job Name: MAINE PARTS & MACHINE INDUSTRIAL FACILITY

Address of Construction: 68 WALDRON WAY PORTLAND, ME.

THE BOCA NATIONAL BUILDING CODE/1999 FourteenthEDITION

Construction project was designed according to the building code criteria listed below:

Building Code and Year BOCA 1999 Use Group Classification(s) F1 & B

Type of Construction 3B Bldg. Height 17 FT± Bldg. Sq. Footage 14,862 GSF

Seismic Zone Ar = 0.10 Group Class S, H, E, G = I

Roof Snow Load Per Sq. Ft. 54/S.F. Dead Load Per Sq. Ft. 16/SF.

Basic Wind Speed (mph) 90 mph Effective Velocity Pressure Per Sq. Ft. 25 PSF

Floor Live Load Per Sq. Ft. 100 PSF

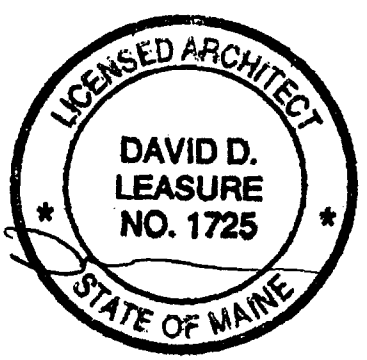
Structure has full sprinkler system? Yes____ No X Alarm System? Yes X No____
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department.

Is structure being considered unlimited area building: Yes__ No X

If mixed use, what subsection of 313 is being considered 313.1.2 (SEPARATED USE GROUPS)

List Occupant loading for each room or space, designed into this Project.

PSH 6/07/2K



(Designers Stamp & Signature)

All Purpose Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction:	MAINE PARTS & MACHINE 68 WALDRON WAY PORTLAND, ME.
Total Square Footage of Proposed Structure: 14,862 G.S.F.	Square Footage of Lot: 106,722 SF = 2.45 ACRES
Tax Assessor's Chart, Block & Lot: Chart# 311 Block# Lot# A1 A7	Owner: MAINE PARTS & MACHINE — Telephone: (207) 797-0024
Lessee/Buyer's Name (If Applicable): N/A	Applicant name, address & telephone: RGB CONSTRUCTION 550 FORREST AVE-SUITE 105 PORTLAND, ME 04101 (207) 773-5590 — Cost Of Work: $ 603000.— Fee: $

Current use: VACANT LOT

If the location is currently vacant, what was prior use: VACANT LOT

Approximately how long has it been vacant:

Proposed use: F1 & B

Project description: ONE STORY MASONRY MACHINE PARTS FACTORY

Contractor's name, address & telephone: RGB CONSTRUCTION 550 FORREST AVE. - SUITE 105 PORTLAND, ME. 04101 (207) 773-5590

Who should we contact when the permit is ready:

Mailing address: RICHARD BUTTERFIELD RGB CONSTRUCTION 550 FORREST AVE PORTLAND, ME 04101 Phone: (207) 773-555

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APROVE THIS PERMIT.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: Richard Butterfield Date: 2.18.02

This is not a permit, you may not commence ANY work until the permit is issued

NOTES: N.R. — Not required
N.A. — Not applicable

ADMINISTRATION (Chapter 1)

✓ Complete construction documents *(107.5, 107.6, 107.7)*

✓ Signed/sealed construction documents *(107.7, 114.1)*

BUILDING PLANNING (Chapters 3, 4, 5, 6)

USE OR OCCUPANCY CLASSIFICATION (302.0-313.0)

✓ Single Use Group

✓ Mixed Use Groups F1/B

____ Specific occupancy areas *(302.1.1)*

____ Accessory areas *(302.1.2)*

GENERAL BUILDING LIMITATIONS (Chapters 5 & 6)

Apply Case 1 to determine the allowable height and area and permitted types of construction for a building containing a single use group or nonseparated mixed use groups. Apply Case 2 to determine the allowable height and area and permitted types of construction for a building containing separated mixed use groups.

AREA MODIFICATIONS TO TABLE 503

% of Allowable tabular area *(Table 503)*	100%
% Reduction for height *(Table 506.4)*	- 0 %
% Increase for open perimeter *(506.2)*	+ 12 %
% Increase for automatic sprinklers *(506.3)*	+ 0 %
Total percentage factor	= 112 %

Conversion factor 1.12 x 9600 = 10752
(Total percentage factor/100%)

Open perimeter *(506.2)*: 0 North; 75 East; 165 South; 100 West

Open perim. 340 ft. Perimeter 530 ft.

% Open perimeter = 64% *(Open perim./perim.) x 100%*

% Tab. area increase *(506.2)* = 2x 39% = 78% *2x(% Open perim. -25%)*

CASE 1 — SINGLE USE OR NONSEPARATED MIXED USE GROUPS (313.1.1, 503.0)

Using Table 503, identify the allowable height and area of the single use group or the most restrictive of the nonseparated mixed use groups. Construction types that provide an allowable tabular area equal to or greater than the adjusted floor area and allowable heights (as modified by Section 504.0) equal to or greater than the actual building height are permitted.

Actual floor area B/2504 F1/11,950 ft.²

Adjusted floor area* F1 - Accuracy 17088 ft.²

Actual building height 16'8" feet 1 stories

Allowable building height F-1 — 30 feet / 2 stories
B — 40 / 3

*Adjusted floor area = actual floor area/conversion factor

Permitted types of construction 1, 2, 3

Type of construction assumed for review (602.3) 3B

ATRIUMS

_____ Automatic sprinkler system *(404.2)*

_____ Occupancy *(404.3)*

_____ Smoke control *(404.4)*

_____ Enclosure *(404.5)*

_____ Fire alarm system *(404.6)*

_____ Travel distance *(404.7)*

OTHER SPECIAL USE AND OCCUPANCY

_____ Underground structures *(405.0)*

_____ Open parking structures *(406.0)*

_____ Private garages *(407.0)*

_____ Public garages *(408.0)*

_____ Use Group I-2 *(409.0)*

_____ Use Group I-3 *(410.0)*

_____ Stages and platforms *(412.0)*

_____ Special amusement buildings *(413.0)*

_____ HPM facilities *(416.0)*

_____ Hazardous materials *(307.8, 417.0)*

_____ Use Groups H-1, H-2, H-3 and H-4 *(418.0)*

_____ Swimming pools *(421.0)*

FIRE PROTECTION (Chapters 6, 7, 8, 9)

FIRERESISTANT MATERIALS AND CONSTRUCTION (Chapter 7 and Table 602)

Note: Entry in ☐ indicates required rating in hours. NC indicates noncombustible construction required.

COMBUSTIBILITY *(603.0, 604.0, 605.0, 606.0)*

2H Exterior walls

3HR/FIREWALLS 1HR WITHIN Interior elements

0 Roof

CONSTRUCTION DOCUMENTS *(703.0)*

_____ Fire tests *(704.0)*

EXTERIOR WALLS *(507.2, 705.0, 716.5)*

	North	East	South	West
Fire separation distance	>30			
Loadbearing	☒ 2 HR	☐	☐	☐
Nonloadbearing	☐	☐	☐	☐

☐ NO CHANGE Exterior opening protectives *(705.3, 706.0)*

☐ N/REQ Parapet walls *(705.6)*

FIRE SEPARATION ASSEMBLIES

☐ ~~1 HR~~ Exit enclosures *(709.0, 710.0, 1014.11)*

☐ N/A Other shafts *(709.0, 710.0)*

☐ 3HR - (1 HR?) Mixed use and fire area separations *(313.1.2)*

☐ ASSEMBLY ROOM - (1 HR?) Other separation assemblies *(302.1.1, Table 602)*

FIRE PARTITIONS

☐ 1HR Exit access corridors *(711.0, 1011.4)*

☐ N/A Tenant separations *(711.0)*

☐ N/A Dwelling unit separations *(711.0)*

☐ _____ Guestroom separations *(711.0)*

OTHER FIRERESISTANT CONSTRUCTION

☐ 3HR - B TO FUSE GROUPS Fire and party walls *(707.0 and Table 707.1)*

☐ _____ Smoke barriers *(712.0)*

☐ 0 Nonloadbearing partitions *(Table 602)*

☐ 0 Interior loadbearing walls, columns, girders, trusses *(716.0)*

☐ 0 Supporting construction *(716.0)*

☐ 0 Floor construction *(713.0, 1006.3.1)*

☐ 0 Roof construction *(713.0, 715.0)*

_____ Penetrations *(714.0)* HVAC THROUGH WALLS?

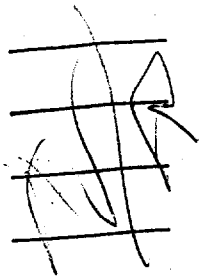
_____ Opening protectives *(717.0, 719.0, 720.0)*

_____ Fire dampers *(718.0)* 2

_____ Fireblocking/draftstopping *(721.0)*

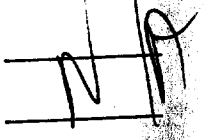
_____ Thermal and sound-insulating materials *(723.0)*

STANDPIPE SYSTEMS



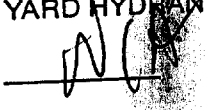
- Building height *(915.2.1)*
- Building area *(915.2.2)*
- Malls *(915.2.3)*
- Stages *(915.2.4)*
- Approved system *(915.3, 915.3.1)*
- Piping design *(915.4)*
- Water supply *(915.5)*
- Control valves *(915.6)*
- Hose connection *(915.7)*

FIRE DEPARTMENT CONNECTIONS



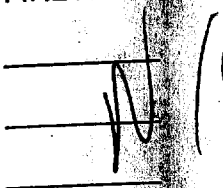
- Required *(916.1)*
- Connections *(916.2)*

YARD HYDRANTS



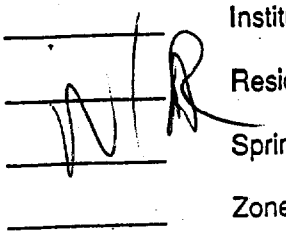
- Fire hydrants *(917.1)*

FIRE ALARM SYSTEMS



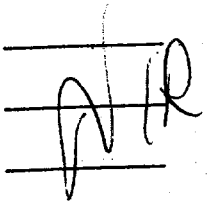
- Approval *(918.3)*
- Assembly (A-4), Educational (E) *(918.4.1)*
- Business (B)*(918.4.2)*
- High-hazard (H) *(918.4.3)*
- Institutional (I) *(918.4.4)*
- Residential (R-1) *(918.4.5)*
- Residential (R-2) *(918.4.6)*
- Location/details *(918.5)*
- Power supply/wiring *(918.6, 918.7)*
- Alarm-notification appliances *(918.8)*
- Voice/alarm signaling system *(918.9)*

AUTOMATIC FIRE DETECTION SYSTEMS



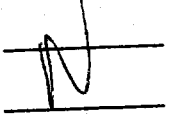
- Approval *(919.3)*
- Institutional (I) *(919.4.1, 919.4.2, 919.4.3)*
- Residential (R-1) *(919.4.4)*
- Sprinklered buildings exception *(919.5)*
- Zones *(919.6)*

SINGLE- AND MULTIPLE-STATION SMOKE DETECTORS



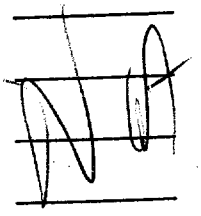
- Residential (R-1) *(920.3.1)*
- Residential (R-2, R-3) *(920.3.2)*
- Institutional (I-1) *(920.3.3)*
- Interconnection *(920.4)*
- Battery backup *(920.5)*

FIRE EXTINGUISHERS



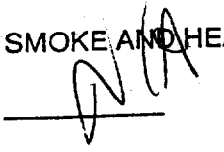
- Approval *(921.1)*
- Required *(921.2)*

SMOKE CONTROL SYSTEMS



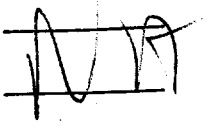
- Passive system *(922.2.1)*
- Mechanical system *(922.2.2)*
- Smoke removal *(922.3)*
- Activation *(922.4)*
- Standby power *(922.5)*

SMOKE AND HEAT VENTS



- Size and spacing *(923.2)*

SUPERVISION



- Fire suppression systems *(924.1)*
- Fire alarm systems *(924.2)*

ROOFS AND ROOF STRUCTURES (Chapter 15)

_____	Performance requirements *(1505.0)*	_____	Low-slope roof coverings *(1507.5)*
_____	Fire classification *(1506.0)*	_____	Flashing *(1508.0)*
_____	Steep-slope roof coverings *(1507.4)*	_____	Roof structures *(1510.0)*

STRUCTURAL SYSTEMS (Chapters 16, 17, 18)

STRUCTURAL LOADS (Chapter 16)

DESIGN LOADS ON CONSTRUCTION DOCUMENTS *(1603.1)*

Uniformly distributed floor live loads (1603.2, 1606.0)

Floor Area Use	Loads Shown
OFFICE	100 LBS/SF
FACTORY	

NONE — Live load reduction *(1603.2, 1606.7)*

SEE ENG REPORT — Roof live loads *(1603.3, 1607.0)* (IS THIS LESS THAN 5°)

Roof snow loads *(1603.4, 1608.0)*

_____ Ground snow load, P_g *(1608.3)*

SEE REPORT — If P_g > 10 psf, flat-roof snow load, P_f *(1608.4)*

_____ If P_g > 10 psf, snow exposure factor, C_e *(Table 1608.4)*

FLAT ROOF — Sloped roof snowload, P_s *(1608.5)*

_____ If P_g > 10 psf, snow load importance factor, *I (Table 1609.5)*

Wind loads *(1603.5, 1609.0)*

85 MPH — Basic wind speed *(1609.3)*

B — Wind exposure category *(1609.4)*

_____ Wind importance factor, *I (Table 1609.5)*

_____ Wind design pressure, *P (1609.7)*

Earthquake loads *(1603.6, 1610.0)*

0.10 — Peak velocity-related acceleration, A_v *(1610.1.3)*

0.10 — Peak acceleration, A_a *(1610.1.3)*

I — Seismic hazard exposure group *(1610.1.5)*

C — Seismic performance category *(1610.1.7)*

SA — Soil-profile type *(Table 1610.3.1)*

_____ Basic structural system and seismic-resisting system *(Table 1610.3.3)*

7 — Response modification factor, *R*, and deflection amplification factor, C_d *(Table 1610.3.3)*

ELFP — Analysis procedure *(1610.4, 1610.5)*

Other loads

_____ Attic load *(1606.2.2, 1606.2.3)*

N — Partition loads *(1606.2.4)*

N — Concentrated loads *(1606.3)*

_____ Impact loads *(1606.6)*

_____ Misc. loads (*1606.4, 1606.8, 1606.9, 1607.5, 1612.0)*

STRUCTURAL DESIGN CALCULATIONS

✓ — Submitted for all structural members *(107.7)*

✓ — Signed/sealed *(107.7, 114.1)*

_____ Deflection limits considered *(1604.5)*

LIGHT-TRANSMITTING PLASTIC *(2603.5, 2604.0)*

_____ Diffusing systems *(2604.5)*

_____ Wall panels *(2605.0)*

_____ Unprotected openings *(2606.0)*

_____ Roof panels *(2607.0)*

_____ Skylight glazing *(2608.0)*

BUILDING SERVICES (Chapters 28, 30)

MECHANICAL SYSTEMS (Chapter 28)

_____ Waste- and linen-handling systems *(2807.0)*

_____ Refuse vaults *(2808.0)*

ELEVATORS AND CONVEYING SYSTEMS (Chapter 30)

_____ Construction standard specified *(3001.2)*

_____ Elevator emergency operation *(3006.2)*

_____ Hoistway enclosure *(3007.1)*

_____ Venting *(3007.3 - 3007.6)*

_____ Opening protectives *(3008.2)*

_____ Conveyors and escalators *(3010.0, 3011.0)*

SPECIAL DEVICES AND CONDITIONS (Chapters 31, 34)

SPECIAL CONSTRUCTION (Chapter 31)

_____ Membrane structures *(3103.0)*

_____ Flood-resistant construction *(3107.0)*

_____ Towers *(3108.0)*

PEDESTRIAN WALKWAYS *(3106.0)*

_____ Construction and use *(3106.1 - 3106.3)*

_____ Separation *(3106.4)*

_____ Local approval *(3106.5)*

_____ Egress and size *(3106.6 - 3106.8)*

EXISTING STRUCTURES (Chapter 34)

ADDITIONS, ALTERATIONS OR CHANGE OF OCCUPANCY

_____ General requirements *(3402.0)*

_____ Structural loads *(1614.0, 3402.5)*

_____ Accessibility *(1110.0, 3402.7)*

_____ Additions/alterations *(3403.0, 3404.0)*

_____ Change of occupancy *(1110.3, 3405.0)*

_____ Compliance alternative evaluation *(3408.0)*

BUILDING EVALUATION SUMMARY *(Table 3408.7)*

Existing use group _____ Proposed use group _____

Year building was constructed _____ Number of stories _____ Height in feet _____

Type of construction _____ Area per floor _____

Percentage of open perimeter _____% Percentage of height reduction _____ %

Completely suppressed: Yes _____ No _____ Corridor wall rating _____

Compartmentation: Yes _____ No _____ Required door closers: Yes _____ No _____

Fireresistance rating of vertical opening enclosures _____

Type of HVAC system _____, serving number of floors _____

STEEL (Chapter 22)

_____ Structural steel design/construction standard specified *(2203.1, 2203.2)*

_____ Shop drawing preparation specified *(2203.4)*

_____ Open-web steel joist design/construction standard specified *(2205.1)*

_____ Formed steel design/construction standard specified *(2206.1)*

_____ Formed steel member identification *(2206.6)*

WOOD (Chapter 23)

_____ Installation inspections *(2301.2)*

_____ Design/construction standard specified *(2303.1)*

_____ Grade mark specified *(2303.1.1)*

HEAVY TIMBER CONSTRUCTION

_____ Minimum dimensions *(605.1, 2304.0)*

_____ Design/construction standard specified *(2304.1)*

WOOD FRAME CONSTRUCTION

_____ Fastening and construction details *(2305.0, Table 2305.2)*

_____ Wind bracing design required *(2305.7)*

_____ Seismic bracing *(2305.8)*

_____ Foundation anchorage *(2305.17)*

_____ Wood structural panels *(2307.0)*

_____ Particleboard *(2308.0)*

_____ Fiberboard *(2309.0)*

_____ Fireretardant-treated wood *(2310.0)*

_____ Decay and termite protection *(2311.0)*

_____ Joist hangers *(2312.0)*

_____ Prefabricated components *(2313.1, 231*

_____ Metal-plate-connected trusses *(2313.3. 2313.3.2)*

NONSTRUCTURAL MATERIALS (Chapters 24, 25, 26)

GLASS AND GLAZING (Chapter 24)

_____ Skylights *(2404.0)*

_____ Safety glazing *(2405.0, 2406.0, 2407.0)*

GYPSUM BOARD AND PLASTER (Chapter 25)

_____ Gypsum board materials *(2503.0, Table 2503.2, Table 2503.3)*

_____ Plaster *(2504.0, 2505.0, 2506.0)*

PLASTIC (Chapter 26)

_____ Approved materials *(2601.2)*

_____ Identification *(2601.4)*

_____ Interior trim *(2603.7)*

_____ Alternative approval *(2603.8)*

FOAM PLASTIC *(2603.0)*

_____ Labeling *(2603.2)*

_____ Surface-burning characteristics *(2603.3*

_____ Thermal barrier *(2603.4)*

_____ Exterior walls *(2603.5, 2603.6)*

CORRECTION LIST (cont'd.)		
No.	DESCRIPTION	Code Section

Applicant: Date: 2/11/02

Address: 68 Waldron Way C-B-L: 306-B-018 & 311-A-14

CHECK-LIST AGAINST ZONING ORDINANCE

Date - ~~Existing~~ New Structure # 02-0116

Zone Location - I-M

Interior or corner lot -

Proposed Use/Work - Machine Shop 100'x150' ≈15,000# 14,780# Actual

Sewage Disposal - City

Lot Street Frontage - 60' req - ≈500 ft Shown

Front Yard - 1ft for every 1ft of height - 17' req - 25' Shown

Rear Yard - yes Abutts res. 35' req if Abutting residential - 43' Shown -

Side Yard - (not Abutting res) 1ft for every 1ft of height up to 25' - 17' req - 177' & 179' Shown

Projections -

Width of Lot - N/A

Height - 75' MAX. 17' high Shown

Lot Area - N/A 107,266# Given

Lot Coverage/ Impervious Surface - 75% MAX - 80,449.5# MAX

Area per Family - N/A

Off-street Parking - $\frac{14780\#}{2500} = 12$ pkg sp $\frac{12,280}{2500} = 6$ pkg sp 18 pkg sp req 23 Shown OK

Loading Bays - 1 Bay req / 2 Loading Bays Shown

Site Plan - # 2001-0177 minor

Shoreland Zoning/ Stream Protection - N/A

Flood Plains - panel 6 - Zone X

		14,780#
Parking	62 x 125 =	7,750
Sidewalk	18 x 80	1440
	18 x 80	1440
by Loading	30 x 35	1050.
	45 x 55	2475
		28,935#

Pavement Setback from boundary lines = 10' - 26'+ Shown

2.11.02 received Tr. stamped site plans from Thayer