

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 04-0912	Issue Date: PERMIT ISSUED	CBI: 420 A003001
Location of Construction: 299 Presumpscot St	Owner Name: Miele Patrick & Victoria E Jrs	Owner Address: 157 Foreside Rd
Business Name:	Contractor Name: HardyPond Construction	Contractor Address: 1039 Riverside St
Lessee/Buyer's Name:	Phone:	Phone: 775-2676
Past Use: commercial glass distributorship	Proposed Use: commercial glass distributorship w/505 sq ft addition	Permit Type: Additions - Commercial
Proposed Project Description: build new 505 sq ft addition to commercial glass distributorship	Permit Fee: \$399.00	Cost of Work: \$42,000.00
	FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: F2 Type: DC
	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>
	Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	Zone: T-M
	Signature: _____	Date: _____

Permit Taken By: jodinea Date Applied For: 07/01/2004

Zoning Approval

- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.

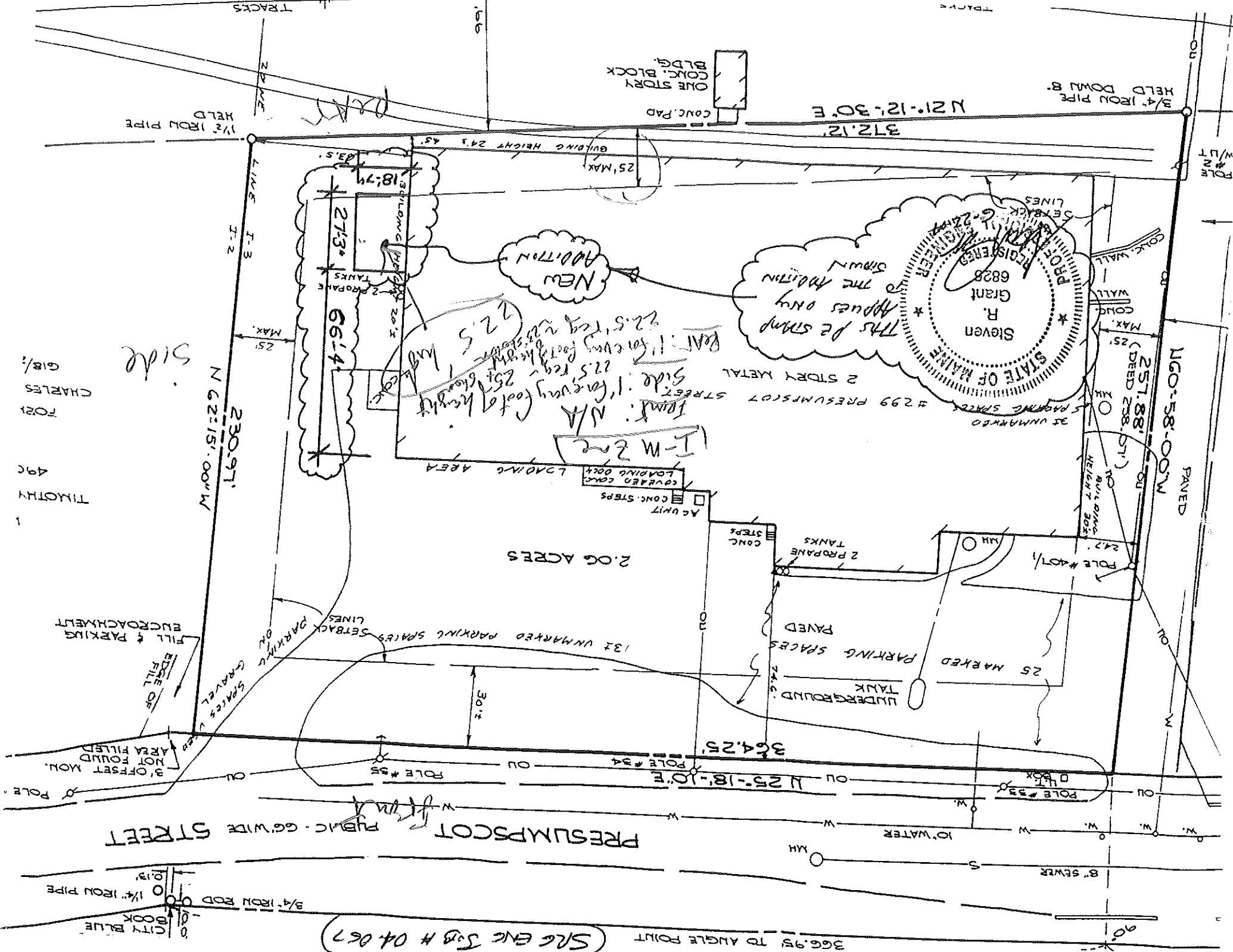
Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland	<input type="checkbox"/> Variance	<input checked="" type="checkbox"/> Not in District or Landmark
<input type="checkbox"/> Wetland	<input type="checkbox"/> Miscellaneous	<input type="checkbox"/> Does Not Require Review
<input type="checkbox"/> Flood Zone	<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Requires Review
<input type="checkbox"/> Subdivision	<input type="checkbox"/> Interpretation	<input type="checkbox"/> Approved
<input checked="" type="checkbox"/> Site Plan	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved w/Conditions
Maj <input type="checkbox"/> Minor <input type="checkbox"/> AMM <input type="checkbox"/>	<input type="checkbox"/> Denied	<input type="checkbox"/> Denied
Date: 07/16/04	Date: _____	Date: _____
- Building permits do not include plumbing, septic or electrical work.
- Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.

CERTIFICATION

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

SIGNATURE OF APPLICANT _____ ADDRESS _____ DATE _____ PHONE _____

RESPONSIBLE PERSON IN CHARGE OF WORK TITLE _____ DATE _____ PHONE _____



**City of Portland, Maine
Planning And Urban Development**

Application For Exemption From Site Plan Review

<u>Miele Patrick & Victoria E Jts</u>	_____	<u>05/12/2004</u>	<u>20040091</u>
Applicant	Phone	Application Date	Application ID
<u>157 Foreside Rd</u>	_____	<u>Exemption</u>	_____
Address	_____	Project Name/Description	_____
<u>Falmouth</u>	<u>ME 04105</u>	<u>420 A003001</u>	_____
City	State Zip	CBL	_____
<u>Miele Patrick & Victoria E Jts</u>	_____	<u>299 Presumpscot St</u>	_____
Consultant/Agent	Phone	Address of Proposed Site	_____
Description of Proposed Development:	_____	_____	_____
<u>185 x 26'11 building addition.</u>	_____	_____	_____

PLEASE ATTACH SKETCH/PLAN OF PROPOSAL/DEVELOPMENT

Criteria for Exemptions:

a) within existing structures: No New Buildings, Demolitions or Additions	No	_____	Applicant (Yes, No, N/A)	_____	Planning Office
b) footprint increase less than 500 sq ft	Yes	_____	_____	Yes	_____
c) no new curb cuts, driveways, parking areas	Yes	_____	_____	Yes	_____
d) curbs and sidewalks in sound condition and comply with ADA	Yes	_____	_____	Yes	_____
e) no additional parking / no traffic increase	Yes	_____	_____	Yes	_____
f) no stormwater problems	Yes	_____	_____	Yes	_____
g) sufficient property screening	Yes	_____	_____	Yes	_____
h) adequate utilities	Yes	_____	_____	Yes	_____

Planning Office Use Only:

Exemption Granted	<u>05/13/2004</u>	Partial Exemption	_____	Exemption Denied	_____
Conditions (if any)	_____	_____	_____	_____	_____
<u>Deni</u>	<u>Condition</u>	_____	_____	_____	_____
Planning	Any future additions will require installation of granite curb, sidewalk and street trees along frontage.				

Planner's Signature _____

Date _____

DEPT. OF BUILDING INSPECTION
CITY OF BIRMINGHAM

JUN 30 2004 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: <u>299 PRESUMPSOT ST</u>		Square Footage of Lot <u>2.06 AC</u>
Total Square Footage of Proposed Structure <u>505 SQ FT</u>		
Tax Assessor's Chart, Block & Lot Chart# <u>A 20</u> Block# <u>A</u> Lot# <u>003</u>	Owner:	Telephone: <u>775-2676</u>
Lessee/Buyer's Name (if Applicable) <u>SISCO, INC</u>	Applicant name, address & telephone: <u>HARDYBOND CONSTRUCTION 1839 PURVISDR ST SUITE 11 BIRMINGHAM, AL 35203</u>	Cost Of Work: \$ <u>42,000</u> Fee: \$ <u>404.00</u>
Current use: <u>COMMERCIAL CLASS B.S.F.</u>		
If the location is currently vacant, what was prior use: <u>NA</u>		
Approximately how long has it been vacant: <u>NA</u>		
Proposed use: <u>ADDITION FOR CLASS FURNACE BURNERS</u>		
Project description:		
Contractor's name, address & telephone: <u>HARDYBOND CONSTRUCTION 1033 PURVISDR ST SUITE 11 BIRMINGHAM, AL 35203</u>		
Who should we contact when the permit is ready: <u>BOB GAUBREAU</u>		
Mailing address: <u>SAWR</u>		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: <u>797-6066</u>		

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 APPROVE 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 I 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 or any reasonable hour to enforce the provisions of the codes applicable to this permit.

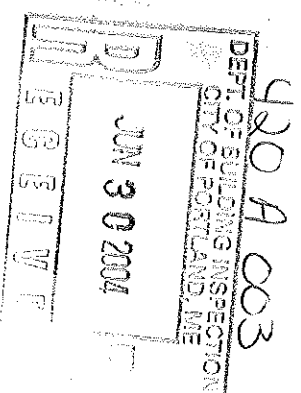
Signature of applicant: [Signature] Date: 6/25/04

This is NOT a permit, you may not commence ANY work until the permit is issued. If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall

CHK# 4308



CITY OF PORTLAND
 BUILDING CODE CERTIFICATE
 389 Congress St., Room 315
 Portland, Maine 04101



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

FROM: STEVEN R. GRANT

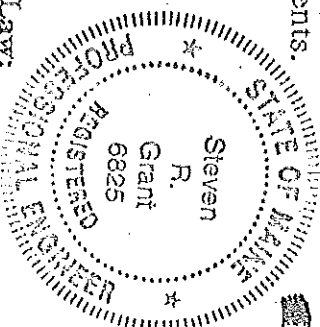
RE: Certificate of Design

DATE: 6-28-04

These plans and / or specifications covering construction work on:

Sigco Glass Inc

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)

Signature: Steven R. Grant
 Title: President

As per Maine State Law:
 Firm: SBC ENGINEERING, INC.
 Address: P.O. Box 925
GRAY, ME 04039

\$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.



CITY OF PORTLAND
 BUILDING CODE CERTIFICATE
 389 Congress St., Room 315
 Portland, Maine 04101

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

FROM DESIGNER: STEVEN R. GRANT, PE

SRC ENGINEERING, INC.

P.O. Box 925
 GRAY, ME 04039

DATE:

5-23-04

Job Name:

SIGCO GLASS INC. BLOWER ADMIN

Address of Construction:

MESUMPSOT ST, PORTLAND

THE BOCA NATIONAL BUILDING CODE / 1999 (FOURTEENTH EDITION)
 Construction project was designed according to the building code criteria listed below:

Building Code and Year 1997 BOCA

Use Group Classification(s) F-2

Type of Construction

RB DC PER DISTANCE

2/9/04

Structural Systems

Earthquake Loads

(1) PER NOT CONFORM

0.10

Peak velocity-related acceleration, A_v

0.10

Peak acceleration, A_p

I

Seismic hazard exposure group

C

Seismic performance category

S3

Soil profile type

Basic Frame

Basic structural system/seismic-resisting system

R=5.5 S=4

Response modification factor, R, and deflection

amplification factor, C_d

The documents must account for Drift snow load, unbalanced snow load and Sliding snow loads as required.

Wind Loads

95

Basic Wind Speed

B

Wind Exposure Category

1E.1

Wind Design Pressure

1.00


Wind Importance Factor

± 0.25

Internal Pressure Coefficient

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: <u>299 Presumpscot ST</u>		Square Footage of Lot <u>2.06 AC</u>	
Total Square Footage of Proposed Structure <u>505 SAFT</u>		Tax Assessor's Chart, Block & Lot Chart# <u>SAFT</u>	
Lessee/Buyer's Name (If Applicable) <u>Sisco, Inc</u>		Owner: <u>HARDYBOND CONSTRUCTION</u>	Telephone: <u>775-2676</u>
Current use: <u>Commercial Lease D.S.T.</u>		Applicant name, address & telephone: <u>HARDYBOND CONSTRUCTION 1839 RIVERSIDE ST SUITE 11 PORTLAND, ME 04103</u>	Cost Of Work: \$ <u>42,000</u> Fee: \$ <u>404.00</u>
If the location is currently vacant, what was prior use: <u>N/A</u>		 DEPT. OF BUILDING INSPECTION CITY OF PORTLAND	
Approximately how long has it been vacant: <u>N/A</u>		JUN 30 2003 11 30 AM	
Proposed use: <u>ADDITION FOR LEASE TURNER BOURBON</u>			
Project description: <u>RESTAURANT W/ 6 DINING</u>			
Contractor's name, address & telephone: <u>HARDYBOND CONSTRUCTION 1039 RIVERSIDE ST SUITE 11 PORTLAND ME 04103</u>		Who should we contact when the permit is ready: <u>BOB GAUBRAN</u>	
Mailing address: <u>SAWR</u>		PHONE: <u>797-6066</u>	

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 APPROVE THIS PERMIT.

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Signature of applicant: [Signature] Date: 6/25/04

This is NOT a permit, you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall

Bedrock was not encountered in the test pit.

Groundwater seepage was not encountered in the test pit. Damp conditions for the fill encountered and site topography indicate that groundwater will be below the footing depths for the addition.

4.0 Foundation Recommendations

A. General

Based on the proposed finish floor elevation and the anticipated footing depth, the footings will be constructed on existing fill. With proper preparation, the existing fill will be suitable to construct the proposed building addition and equipment pads using a conventional spread footing and slab on grade foundation. The presence of a small amount of waste debris, and/or bricks will not adversely affect the spread footing foundation due to the small size and total amount of debris encountered.

B. Allowable Bearing Pressure

The footings for the building can be proportioned using an allowable bearing pressure of 3,000 psf. The total estimated settlement associated with this contact pressure will be less than 1 inch. This bearing pressure and associated settlement is based on the following conditions:

- All existing fill within the building addition area should be proof rolled prior to placing Foundation Backfill or Structural Backfill. Proof rolling should consist of a minimum of three passes in a north-south direction and then three passes in an east-west direction using a vibratory roller or largest vibratory compactor available.
- Any existing waste and/or construction debris larger than 6 inches or that may contain the potential for future decay such as wood, organics, etc. exposed directly beneath the footings is removed and replaced with granular fill.

We recommend that the addition be structurally isolated from the existing facility or methods be provided to reduce the effects of differential settlement, estimated to be 0.5 inches.

C. Frost Protection

Based on the required frost protection depth, the frost walls for the building should be constructed at a minimum depth of 4 feet. This frost penetration depth is based on a design air-freezing index of 1,250 degree days for the Portland area. We recommend that the exterior of the foundation walls be back-filled with soil having less than 5 percent passing a No.200 sieve. The Foundation Backfill should be compacted to a minimum of 95 percent of its maximum dry density, determined in accordance with ASTM D1557. The existing fill does not meet this requirement.

D. Building Slab

We recommend the slab be constructed on a minimum 6-inch thick layer of Structural Backfill. The maximum particle size should be limited to 6 inches and meet the following gradation specifications passing the 3-inch sieve:

STRUCTURAL BACKFILL	
Sieve Size	Percent finer
3 inch	100
1/4 inch	0 to 70
No. 200	0 to 10

Reference: MDOT Specification 703.20, Gravel Borrow

The Structural Backfill should be placed in 8 to 12-inch lifts and should be compacted to 95 percent of its maximum dry density determined in accordance with ASTM D1557.

E. Groundwater Control

Groundwater at the site will be below proposed footing depths. Based on this, perimeter underdrains are not necessary. Exterior grades should slope away from the building to reduce runoff water from infiltrating the foundation backfill.

F. Seismic Design

The soils at the site are categorized as Site Classification D in accordance with the 2003 International Building Code.

5.0 Earthwork Consideration

All existing fill within the building area should be proofrolled prior to placing Foundation Backfill or Structural Backfill. Existing fill can be reused onsite outside the Foundation Backfill. This soil should be compacted to a minimum of 95 percent of its maximum dry density, determined in accordance with ASTM D1557.

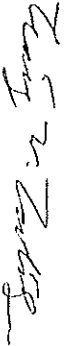
Excavations below 4 feet and above any groundwater should be sloped no greater than 1.5 H to 1 V. These slopes are based on the current OSHA Excavation Guidelines.

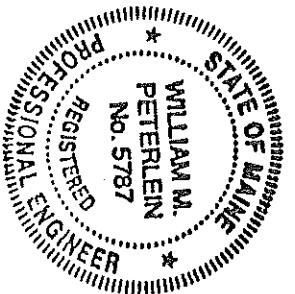
6.0 Closure


Our recommendations are based on professional judgment and generally accepted principles of geotechnical engineering. Some changes in subsurface conditions from those presented in this report may occur. Should these conditions differ materially from those described in this report, Summit should be notified so that we can re-evaluate our recommendations.

We appreciate the opportunity to serve you during this phase of your project. If there are any questions or additional information is required, please do not hesitate to call.

Sincerely yours,
Summit Geoen지니어ing Services,


Craig W. Coolidge, E.I.T.
Geotechnical Engineer




William M. Peterlein, P.E.
Principal Geotechnical Engineer

SUMMIT GEOENGINEERING SERVICES 640 Main Street Lewiston, Maine 04240	TEST PIT LOG		Test Pit # TP-1
	Project: Sigco Glass Addition 299 Presumpscot Street Portland, ME	Project #: 7837 Groundwater: N/E	

Contractor: Hardy Pond Construction Equipment: Tracked Bobcat X325 Summit Staff: Craig Coolidge, E.I.T.	Ground Surface Elevation: Approx. at Exist. Building FFE Reference: Estimation from Site Visual Observation Date: 6/3/2004 Weather: Overcast
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Depth (ft)	DESCRIPTION	
	ENGINEERING	GEOLOGIC/GENERAL
0.5	Compact dark brown Silty SAND, little Clay and Gravel, damp, SM, little mixing with reworked firm, olive gray and mottled Silty CLAY, damp, CL	FILL
1.0	Occasional small cobbles	
1.5	Small amount of brick debris encountered	
2.0	Compact dark brown Silty SAND, little Clay and Gravel mixing with light brown Sand, little Silt and Gravel, damp, SM-SP	2.0'
2.5		
3.0		
3.5	Compact dark brown Silty SAND, little Clay and Gravel, damp, SM, little mixing with reworked firm, olive gray and mottled Silty CLAY, damp, CL	3.5'
4.0		
4.5	Small amount of waste debris encountered from 3.5 to 6.0 feet consisting of less then 5% for layer	
5.0		
5.5		
6.0	End of exploration at 6.0', no refusal encountered	6.0'
6.5		
7.0		
7.5		
8.0		
8.5		
9.0		
9.5		
10.0		

TRANSMISSION VERIFICATION REPORT

TIME : 06/11/2004 07:17
NAME :
FAX :
TEL :

DATE, TIME	06/11 07:16
FAX NO./NAME	6577342
DURATION	00:01:28
PAGE(S)	05
RESULT	OK
MODE	STANDARD ECM

420 A 003
ENGINEER
MAY 30 2004
RECEIVED
DIVISION OF HOUSING & COMMUNITY SERVICE



CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

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

FROM: STEVEN R. GRANT

RE: Certificate of Design

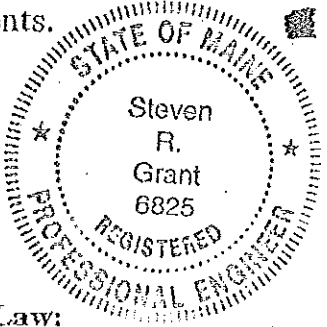
DATE: 6-28-04

These plans and / or specifications covering construction work on:

SIGCO GLASS INC

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)



Signature: Steven R. Grant

Title: President

Firm: SRG ENGINEERING, INC.

Address: P.O. Box 925
GRAY, ME 04039

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.



CITY OF PORTLAND
 BUILDING CODE CERTIFICATE
 389 Congress St., Room 315
 Portland, Maine 04101

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

FROM DESIGNER: STEVEN R. GRANT, PE

SRG ENGINEERING, INC.
 P.O. Box 925
 GRAY, ME 04039

DATE: 6-23-04

Job Name: S.I.G.C.'S GLASS INR. BLOWER ADDITION

Address of Construction: MESUMSCOT ST, PORTLAND

THE BOCA NATIONAL BUILDING CODE / 1999 (FOURTEENTH EDITION)

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

Building Code and Year 1999 BOCA Use Group Classification(s) F-2

Type of Construction 2B

Structural Systems

Roof Snow Load
60 Ground Snow Load (Pg)
42 If Pg > 10 psf, Flat Roof snow load, Pf
1 If Pg > 10 psf, snow exposure factor, Ce
1 If Pg > 10 psf, roof thermal factor
1 If Pg > 10 psf, snow load importance factor, I
42 Sloped Roof Snowload Ps

Earthquake Loads (Does not control)

0.10 Peak velocity-related acceleration, Av

0.10 Peak acceleration, Aa

I Seismic hazard exposure group

C Seismic performance category

S3 Soil profile type

Basic Frame Basic structural system / seismic-resisting system

R=6.5, Cd=4 Response modification factor, R, and deflection amplification factor, Cd.

The documents must account for Drift snow load, unbalanced snow load and Sliding snow loads as required.

Wind Loads

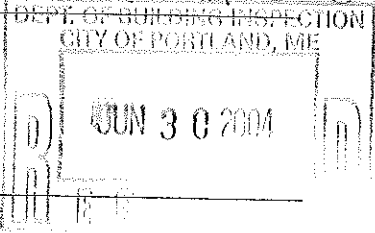
95 Basic Wind Speed

± 0.25 Internal Pressure Coefficient

B Wind Exposure Category 16.1 Wind Design Pressure 1.00 Wind Importance Factor

S E A M

Structural Engineering Association of Maine 420 A 003



STATEMENT OF "SPECIAL INSPECTIONS"

PROJECT: SIGCO GLASS BIOMEX ADDITION

LOCATION: PRESUMPSCOT ST, PORTLAND, ME

PERMIT APPLICANT: HANDYOND CONSTRUCTION

APPLICANT'S ADDRESS: 1039 RIVERSIDE ST.
PORTLAND, ME 04103

STRUCTURAL ENGINEER OF RECORD: STEVEN R GRANT SIG ENGINEERING, INC.
Name Firm

ARCHITECT OF RECORD: (NONE REQUIRED)
Name Firm

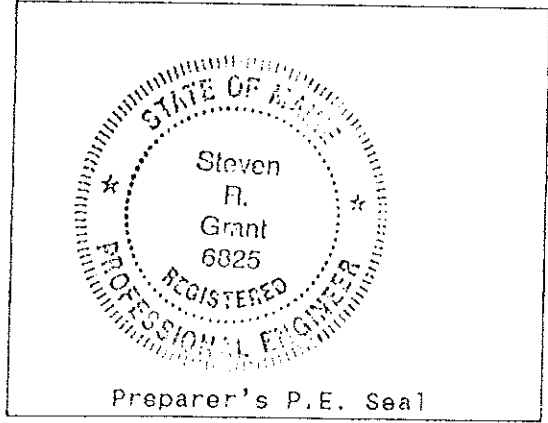
This Statement of "Special Inspections" is submitted in accordance with ~~Section~~ CHAPTER 17 of the 1993-BCOA National Building Code. It includes a listing of special inspections applicable to this project as well as the name of the Special Inspector, and the names of other agencies intended to be retained for conducting these inspections. (2000 INTERNATIONAL BUILDING CODE)

The Special Inspector shall keep records of all inspections listed herein, and shall furnish inspection reports to the Code Official and to the Registered Design Professional of Record. All discrepancies shall be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Code Official and to the Registered Design Professional of Record. Interim reports shall be submitted to the Code Official and to the Registered Design Professional of Record monthly, unless more frequent submissions are requested by the Code Official.

Job site safety is solely the responsibility of the Contractor. Materials and activities to be inspected are not to include the Contractor's equipment and methods used to erect or install the materials listed.

Prepared By:

STEVEN R. GRANT, P.E.
NAME
[Signature] 6-22-04
SIGNATURE DATE



Applicant's Authorization:

Building Code Official:

SIGNATURE DATE
3/15/94

SIGNATURE DATE
Page 1 of __

S E A M

Structural Engineering Association of Maine

LIST OF AGENTS

PROJECT: SIGCO GLASS BLOWER ADDITION

STRUCTURAL ENGINEER OF RECORD: STEVEN R GRANT SIG ENGINEERING, INC
Name Firm
PO Box 925, GRAY, ME 04039
Address

ARCHITECT OF RECORD: (NONE REQUIRED)
Name Firm
Address

Following is the List of Agents selected for performance of "Special Inspections" for this project.

- | | Name | Firm |
|-----------------------|-----------------------------|--------------------------------|
| 1. Special Inspector | | |
| 2. Testing Laboratory | <u>J. W. COLE ENG, INC.</u> | <u>- CONTACT ROGER DOMINGO</u> |
| 3. Testing Laboratory | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |
| 8. | | |
| 9. | | |
| 10. | | |

SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT:

MATERIAL / ACTIVITY	ITEM	SERVICE	APPLICABLE TO THIS PROJECT					
			Y/N	EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV. #
17053 STEEL CONSTRUCTION Steel Fabrication NOT APPLICABLE AD. APPROX. 50% Steel Erection (METAL FRAMING)	1.00	In-plant review Part A - Fabrication procedures						
		Part B - Procedures implementation Review conformance to Part A		SER to determine extent after completion of Part A				
		Review material certificates of compliance (Bolts, nuts, washers, structural steel, & weld filler material)						
		Review connections						
		Review welding of seismic-resisting system in Cat. "C" buildings						
		Review welder certification						
	✓	Review materials certificates of compliance (Bolts, nuts, washers, & weld filler material)				516		
	✓	Review primary steel connections				516		
	NA	Moment connections				516		
	✓	Shear connections						
	✓	Bracing connections				516		
	NA	Review welded Cat. "C" seismic connections				516		
	✓	Review welded column splices						
	NA	Review base metal testing for "t" > 1/2"				516		
	NA	Review secondary steel connections						
NA	Girts							
✓	Steel deck							
✓	Lintels							
NA	Review installation of shear studs				516			
✓	Review Details / Steel Frame				516			

All Steel Construction Special Inspections have been completed in accordance with 806.10.000 Chapter 17
3-15-94 Special Inspector Date

NOTE: SWC INDICATES SW CASE
S16 INDICATES S16 ENGINEERING

PROJECT: SCHEDULE OF SPECIAL INSPECTION SERVICES

MATERIAL / ACTIVITY	ITEM	SERVICE	APPLICABLE TO THIS PROJECT					
			Y/N	EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV. #
1705.3 STEEL CONSTRUCTION (Continued) Steel Joist & Joist Girder Fabrication NOT APPLICABLE	1.00	In-plant review Part A - Fabrication procedures Part B - Procedures implementation Review conformance to Part A Review material certificates of compliance (structural steel & weld filler material) Review connections Review welder certification Review joist bearing connections Review joist bearing length Review joist bridging		SER to determine extent after completion of Part A				
Steel Joist & Joist Girder Erection								
NOT APPLICABLE								

All Steel Construction Special Inspections have been completed in accordance with IBC/A Section 1705.3

Date

3-13-94

SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT:

MATERIAL / ACTIVITY		ITEM	SERVICE	Y/N	EXTENT (All, Sample, Other, None)	APPLICABLE TO THIS PROJECT	AGENT #	DATE COMPLETED	REV. #
1705.4 CONCRETE CONSTRUCTION Concrete Materials		2.00	Review materials (ACI Chapter 3)						
		✓	Review mix design (ACI Chapter 4)				5WC		
		✓	Review reinforcing certification & methods (ACI 318 7.7.1)				5AG		
		✓	Review condition & placement of reinforcing (ACI 318 7.7.7)				5WC		
	Placing Reinforcement	✓	Review welding of reinforcing in Cat "C" seismic-resisting systems				5WC		
	Formwork	NA							
		✓	Review formwork (ACI 318 6.1)				5WC		
		✓	Review form removal & reshoring (ACI 318 6.2)				5WC		
	Concrete Operations	✓	Review concrete strength tests (ACI 318 5.6)				5WC 5AG		
		✓	Review mix proportions and technique (ACI 318 5.2, 5.3, 5.4, & 5.8)				5AG		
		✓	Review concrete placement (ACI 318 5.9 & 5.10)				5WC		
		✓	Review curing technique & temperature (ACI 318 5.11, 5.12, & 5.13)				5AG		
	Pressing Operations	✓	Review application of prestressing force (ACI 318 18.18)				5AG		
			Review grouting of bonded prestressing tendons in Cat. "C" seismic-resisting systems						
	Precast Manufacturing		In-plant review						
			Part A - Fabrication procedures						
			Part B - Procedures implementation						
			Review conformance to Part A						
	Erection of Precast Concrete		Review erection of precast units						
			Review key reinforcement						
			Review key grouting						
			Review concrete topping						
			Review connections						

All Concrete Construction Special Inspections have been completed in accordance with BOCA Section 1705.4
 2010 IBC CHAPTER 17
 Special Inspector _____ Date _____

PROJECT: SCHEDULE OF SPECIAL INSPECTION SERVICES

MATERIAL/ACTIVITY	ITEM	SERVICE	Y/N	EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV. #
1705.5 MASONRY CONSTRUCTION Materials	3.00	Review materials certification Masonry units Reinforcing steel						
		Review grout materials & mix design						
		Review mortar materials & mix design						
		Review strength determination Unit strength method. Review unit strengths & grout. mortar mixes						
		Prism strength method. Review pre-construction test results. Field tests during construction.						
		Grout testing Determine compressive strength						
		Mortar testing Field test compressive strength ASTM C780 (Reqd. only if property tests of ASTM C270 are used)						
		Review mortar mix proportions & mixing (ACI 530.1: 2.3.2.5)						
		Review grout mix proportions & mixing (ACI 530.1: 4.2.2)						
		Review general installation of mortar, grout, masonry units. (ACI 530.1: 2.3.3.3, 4.3.3)						
		Review installation of horiz., vert., & joint reinforcing (incl. location, sizes, splices, & positioning devices) (ACI 530, Ch. 8)						
		Review hot/cold weather procedures (ACI 530.1: 2.3.2.2, 2.3.2.3)						
		Review installation of anchorage devices (ACI 530: 4.2, 5.14)						
		Review installation of lintels Review welding of reinf., grouting, consolidation and reconsolidation for seismic Cat. "C" buildings						

NOT APPLICABLE

NOT APPLICABLE

SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT:

MATERIAL / ACTIVITY	ITEM	SERVICE	Y/N	APPLICABLE TO THIS PROJECT		AGENT #	DATE COMPLETED	REV. #
				EXTENT (All, Sample, Other, None)	COMMENTS			
1705.6 WOOD CONSTRUCTION Wood Truss Fabrication	4.00	In-plant review Part A- Fabrication procedures						
NA		Part B- Procedures implementation Review conformance to Part A						
		Review member arrangement						
		Check for TPI Stamp						
Wood Truss Materials		Review lumber Wood species Grade stamps Moisture content						
NA		Review connector plates Size Gage Orientation Location Fit						
Wood Truss Erection		Review storage at site						
NA		Review permanent bracing						
		Review field connections						
Glulam Fabrication		In-plant review Part A- Fabrication procedures						
NA		Part B- Procedures implementation Review conformance to Part A						
Glulam Materials		Review wood species and grade						
Glulam and Solid Timber Erection		Review connections						
NA		Bolted connections						
		Connection fittings						
Seismic-Resisting System (Seis. Perf. Cat. "C")		Review seismic connections Nailed connections Bolted connections Structural glued connections Other seismic fasteners						
NA								

All Wood Construction Special Inspections have been completed in accordance with ~~BSI 1630.6~~ Special Inspector _____ Date _____

SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT:

PAGE 2 OF 7

MATERIAL / ACTIVITY	ITEM	SERVICE	Y/N	EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV. #
1705.8 PILE FOUNDATIONS Pile Fabrication NA	6.00	In-plant review Part A: Fabrication procedures Part B: Procedures implementation Review conformance to Part A						
Pile Driving NA		Review pile driving records Review load test results Review pile driving equipment & procedure						
Pile Materials NA		Review accessories Pile tip assembly Pile splice assembly Rack anchors Tendons Review steel piles Material identification markings Inspection of corrosion protection Review timber piles Wood species Butt or tip diameter Grade stamps/markings/treatment Review other pile systems						
Precast Concrete Piles		See "Precast Concrete"						

All Pile Foundation Special Inspections have been completed in accordance with ~~SP-600-86~~ Special Inspector _____ Date _____

S E A M

420 A 003

Structural Engineering Association of Maine

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME

STATEMENT OF "SPECIAL INSPECTIONS"

R
JUN 30 2004
RECEIVED

PROJECT: SIGCO GLASS BLOWER ADDITION

LOCATION: PRESUMPSOT ST., PORTLAND, ME

PERMIT APPLICANT: HANDYDOND CONSTRUCTION

APPLICANT'S ADDRESS: 1039 RIVERSIDE ST.
PORTLAND ME 04103

STRUCTURAL ENGINEER OF RECORD: STEVEN R GRANT SRG ENGINEERING, INC.
Name Firm

ARCHITECT OF RECORD: (NONE REQUIRED)
Name Firm

This Statement of "Special Inspections" is submitted in accordance with ~~Section 10000~~ ^{CHAPTER 17} of the 1993-BOCA National Building Code. It includes a listing of special inspections applicable to this project as well as the name of the Special Inspector, and the names of other agencies intended to be retained for conducting these inspections. (2000 INTERNATIONAL BUILDING CODE)

The Special Inspector shall keep records of all inspections listed herein, and shall furnish inspection reports to the Code Official and to the Registered Design Professional of Record. All discrepancies shall be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Code Official and to the Registered Design Professional of Record. Interim reports shall be submitted to the Code Official and to the Registered Design Professional of Record monthly, unless more frequent submissions are requested by the Code Official.

Job site safety is solely the responsibility of the Contractor. Materials and activities to be inspected are not to include the Contractor's equipment and methods used to erect or install the materials listed.

Prepared By:

STEVEN R. GRANT, P.E.S.

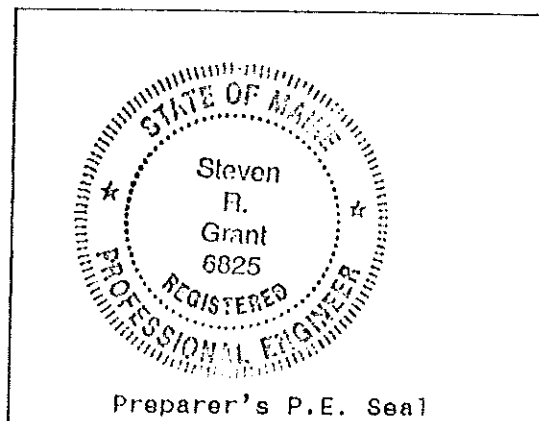
NAME

[Signature]

SIGNATURE

6-22-04

DATE



Applicant's Authorization:

Building Code Official:

SIGNATURE

DATE

3/15/94

SIGNATURE

DATE

SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT:	MATERIAL / ACTIVITY	ITEM	SERVICE	APPLICABLE TO THIS PROJECT			REV. #	
				Y/N	EXTENT (All, Sample, Other, None)	COMMENTS		AGENT #
17053 STEEL CONSTRUCTION Steel Fabrication	NOT APPLICABLE	1.00	Install review Part A - Fabrication procedures					
			Part B - Procedures implementation Review conformance to Part A					
			Review material certificates of compliance (Bolts, nuts, washers, structural steel, & weld filler material)					
			Review connections					
			Review welding of seismic-resisting system in Cat. "C" buildings					
			Review welder certification	✓			516	
			Review material certificates of compliance (Bolts, nuts, washers, & weld filler material)	✓			516	
			Review primary steel connections	✓			516	
			Moment connections	NA				
			Shear connections	✓			516	
			Bracing connections	✓			516	
			Review welded Cat. "C" seismic connections	NA				
			Review welded column splices	✓			516	
			Review base metal testing for $t > 1/2"$	NA				
			Review secondary steel connections	NA				
	Girts	NA						
	Steel deck	✓						
	Lintels	✓						
	Review installation of shear studs	NA						
	Review Details / Steel Frame	✓						

SER to determine extent after completion of Part A

TABLE 2 PER CHAPTER 17
SECTION 05200

All Steel Construction Special Inspections have been completed in accordance with SECTION 05200 Special Inspector _____ Date _____

NOTE: JWC INDICATES SW CASE
JLG INDICATES S16 ENGINEERING

PROJECT:		SCHEDULE OF SPECIAL INSPECTION SERVICES				PAGE 37 OF 77	
MATERIAL / ACTIVITY	ITEM	SERVICE	EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV. #
1705.4 CONCRETE CONSTRUCTION Concrete Materials	2.00	Review materials (ACI Chapter 3)			SWC		
	✓	Review mix design (ACI Chapter 4)			SWG		
	✓	Review reinforcing certification & reinforcing and placement (ACI 318.7.4-7.7)			SWC		
	✓	Review condition & placement of reinforcing and placement (ACI 318.7.4-7.7)			SWC		
Placing Reinforcement	NA	Review welding of reinforcing in Cat "C" seismic-resisting systems					
	✓	Review formwork (ACI 318 6.1)			SWC		
Formwork	✓	Review form removal & reshoring (ACI 318 6.2)			SWC		
	✓	Review concrete strength tests (ACI 318 5.5)		SWC TO MAKE CYCLES	SWC SWG		
Concrete Operations	✓	Review mix proportions and technique (ACI 318 5.2, 5.3, 5.4, & 5.9)			SWG		
	✓	Review concrete placement (ACI 318 5.9 & 5.10)			SWC		
	✓	Review curing technique & temperature (ACI 318 5.11, 5.12, & 5.13)			SWG		
	✓	Review application of prestressing force (ACI 318 18.18)			SWG		
Prestressing Operations		Review grouting of bonded prestressing tendons in Cat. "C" seismic-resisting systems					
		In-plant review Part A - Fabrication procedures					
Precast Manufacturing		Part B - Procedures implementation Review conformance to Part A					
		Review erection of precast units					
Erection of Precast Concrete		Review key reinforcement					
		Review key grouting					
		Review concrete topping					
		Review connections					

All Concrete Construction Special Inspections have been completed in accordance with BOCA Building Code 2000 - IBC CHAPTER 17 Special Inspector _____ Date _____

MATERIAL / ACTIVITY	ITEM	SERVICE	Y/N	EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV. #
17055 MASONRY CONSTRUCTION Materials	3-00	Review materials certification Masonry units Reinforcing steel						
		Review grout materials & mix design						
		Review mortar materials & mix design						
		Review strength determination Unit strength method Review unit strengths & grout, mortar mixes						
		Prism strength method. Review pre-construction test results, Field tests during construction.						
		Grout testing Determine compressive strength						
		Mortar testing Field test compressive strength ASTM C780 (Reqd. only if property reps of ASTM C270 are used)						
		Review mortar mix proportions & mixing (ACI 530.1: 2.3.2.5)						
		Review grout mix proportions & mixing (ACI 530.1: 4.2.2)						
		Review general installation of mortar, grout, masonry units. (ACI 530.1: 2.3.3.3, 4.3.3)						
General Masonry Work		Review installation of horiz., vert., & joint reinforcing (incl. location, sizes, splices, & positioning devices) (ACI 530, Ch. 8)						
		Review hot/cold weather procedures (ACI 530.1: 2.3.2.2, 2.3.2.3)						
		Review installation of anchorage devices (ACI 530: 4.2, 5.14)						
		Review installation of lintels						
		Review welding of reinf., grouting, consolidation and reconsolidation for seismic Cat. "C" buildings						

NOT APPLICABLE

NOT APPLICABLE

All Masonry Construction Special Inspections have been completed in accordance with ~~905.1.2.2~~ Special Inspector _____ Date _____

SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT:

PAGE 57 OF

MATERIAL / ACTIVITY	ITEM	SERVICE	Y/N	EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV. #
1705.6 WOOD CONSTRUCTION Wood Truss Fabrication	4.00	In-plant review Part A- Fabrication procedures						
N/A		Part B- Procedures implementation Review conformance to Part A						
		Review member arrangement						
		Check for TPI Stamp						
Wood Truss Materials		Review lumber Wood species Grade stamps Moisture content						
N/A		Review connector plates Size Gage Orientation Location Fit						
Wood Truss Erection		Review storage at site						
N/A		Review permanent bracing						
		Review field connections						
Glulam Fabrication		In-plant review Part A- Fabrication procedures						
N/A		Part B- Procedures implementation Review conformance to Part A						
Glulam Materials		Review wood species and grade						
Glulam and Solid Timber Erection		Review connections						
N/A		Boiled connections						
		Connection fittings						
Seismic-Resisting System (Seis. Perf. Cat. "C")		Review seismic connections Nailed connections Bolted connections Structural glued connections Other seismic fasteners						
N/A								

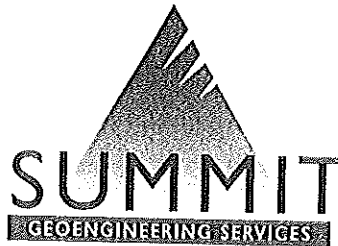
All Wood Construction Special Inspections have been completed in accordance with ~~BOC 1005.6~~ Special Inspector _____ Date _____

SCHEDULE OF SPECIAL INSPECTION SERVICES

PROJECT:

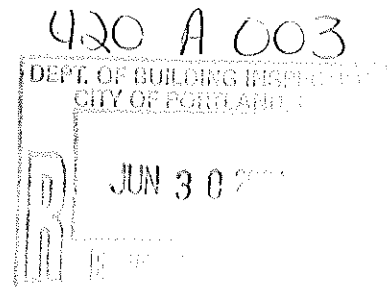
MATERIAL / ACTIVITY	ITEM	SERVICE	APPLICABLE TO THIS PROJECT						
			Y/N	EXTENT (All, Sample, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV. #	
1705.8 PILE FOUNDATIONS	6.00	In-plant review Part A- Fabrication procedures							
Pile Fabrication		Part B- Procedures implementation Review conformance to Part A							
Pile Driving		Review pile driving records							
		Review load test results							
		Review pile driving equipment & procedure							
Pile Materials		Review accessories							
		Pile tip assembly							
		Pile splice assembly							
		Rock anchors							
		Tendons							
		Review steel piles							
		Material identification markings							
		Inspection of corrosion protection							
		Review timber piles							
		Wood species							
		Butt or tip diameter							
		Grade stamps/markings/treatment							
		Review other pile systems							
Prestressed Concrete Piles		See "Prestcast Concrete"							

All Pile Foundation Special Inspections have been completed in accordance with ~~3-15-94~~ Special Inspector _____ Date _____



June 3, 2004
Summit #7837

Hardy Pond Construction
Attn: Bob Gaudreau
1039 Riverside Street – Suite 11
Portland, Maine 04103



Reference: Geotechnical Investigation
Sigco Glass Addition, 299 Presumpscot Street, Portland, Maine

Dear Bob;

We have completed the geotechnical investigation in connection with the above mention project. Our scope of services included observing the excavation of one test pit at the proposed expansion site and preparing this letter summarizing our findings and geotechnical recommendations.

1.0 Project and Site

The project will consist of constructing a new 18 by 24 foot building addition attached to the north side of the existing Sigco Glass facility located at 299 Presumpscot Street in Portland, Maine. We understand that the slab for the new building will be constructed at the existing ground surface to match the existing facility slab elevation. The building addition will serve to house 2 blower motors for the existing facility. Each blower will set on an 8 by 8 foot mat. The estimated contact pressure is less then 100 psf.

2.0 Exploration and Laboratory Testing

Summit observed the subsurface conditions at the site with the excavation of one test pit on June 3, 2004. The test pit was excavated to a depth of 6 feet using a rubber tracked Bobcat X325 provided and operated by Hardy Pond Construction. The location of the test pit is approximately 10 feet north of the existing facility within the center of the proposed building addition. A log of the test pit is attached at the end of this letter.

3.0 Subsurface Conditions

The *soil* encountered at the site generally consists of fill. The existing fill encountered at the test pit consists of dark brown silty sand with a little clay and gravelly with a little mixing of light brown sand with a little silt and/or reworked olive gray silty clay. In general the fill is compact to firm. Occasional small cobbles, brick, and waste debris were encountered within the fill. The existing fill is generally classified as a SM soil in accordance with the Unified Soil Classification System (USCS).

Bedrock was not encountered in the test pit.

Groundwater seepage was not encountered in the test pit. Damp conditions for the fill encountered and site topography indicate that groundwater will be below the footing depths for the addition.

4.0 Foundation Recommendations

A. General

Based on the proposed finish floor elevation and the anticipated footing depth, the footings will be constructed on existing fill. With proper preparation, the existing fill will be suitable to construct the proposed building addition and equipment pads using a conventional spread footing and slab on grade foundation. The presence of a small amount of waste debris, and/or bricks will not adversely affect the spread footing foundation due to the small size and total amount of debris encountered.

B. Allowable Bearing Pressure

The footings for the building can be proportioned using an allowable bearing pressure of 3,000 psf. The total estimated settlement associated with this contact pressure will be less than 1 inch. This bearing pressure and associated settlement is based on the following conditions:

- All existing fill within the building addition area should be proof rolled prior to placing Foundation Backfill or Structural Backfill. Proof rolling should consist of a minimum of three passes in a north-south direction and then three passes in an east-west direction using a vibratory roller or largest vibratory compactor available.
- Any existing waste and/or construction debris larger than 6 inches or that may contain the potential for future decay such as wood, organics, etc. exposed directly beneath the footings is removed and replaced with granular fill.

We recommend that the addition be structurally isolated from the existing facility or methods be provided to reduce the effects of differential settlement, estimated to be 0.5 inches.

C. Frost Protection

Based on the required frost protection depth, the frost walls for the building should be constructed at a minimum depth of 4 feet. This frost penetration depth is based on a design air-freezing index of 1,250 degree days for the Portland area. We recommend that the exterior of the foundation walls be backfilled with soil having less than 5 percent passing a No.200 sieve. The Foundation Backfill should be compacted to a minimum of 95 percent of its maximum dry density, determined in accordance with ASTM D1557. The existing fill does not meet this requirement.

D. Building Slab

We recommend the slab be constructed on a minimum 6-inch thick layer of Structural Backfill. The maximum particle size should be limited to 6 inches and meet the following gradation specifications passing the 3-inch sieve:

STRUCTURAL BACKFILL	
Sieve Size	Percent finer
3 inch	100
1/4 inch	0 to 70
No. 200	0 to 10

Reference: MDOT Specification 703.20, Gravel Borrow

The Structural Backfill should be placed in 8 to 12-inch lifts and should be compacted to 95 percent of its maximum dry density determined in accordance with ASTM D1557.

E. Groundwater Control

Groundwater at the site will be below proposed footing depths. Based on this, perimeter underdrains are not necessary. Exterior grades should slope away from the building to reduce runoff water from infiltrating the foundation backfill.

F. Seismic Design

The soils at the site are categorized as Site Classification D in accordance with the 2003 International Building Code.

5.0 Earthwork Consideration

All existing fill within the building area should be proofrolled prior to placing Foundation Backfill or Structural Backfill. Existing fill can be reused onsite outside the Foundation Backfill. This soil should be compacted to a minimum of 95 percent of its maximum dry density, determined in accordance with ASTM D1557.

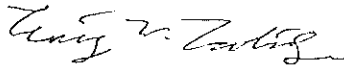
Excavations below 4 feet and above any groundwater should be sloped no greater than 1.5 H to 1V. These slopes are based on the current OSHA Excavation Guidelines.

6.0 Closure


Our recommendations are based on professional judgment and generally accepted principles of geotechnical engineering. Some changes in subsurface conditions from those presented in this report may occur. Should these conditions differ materially from those described in this report, Summit should be notified so that we can re-evaluate our recommendations.

We appreciate the opportunity to serve you during this phase of your project. If there are any questions or additional information is required, please do not hesitate to call.

Sincerely yours,
Summit Geoenvironmental Services,



Craig W. Coolidge, E.I.T.
Geotechnical Engineer



William M. Peterlein, P.E.
Principal Geotechnical Engineer

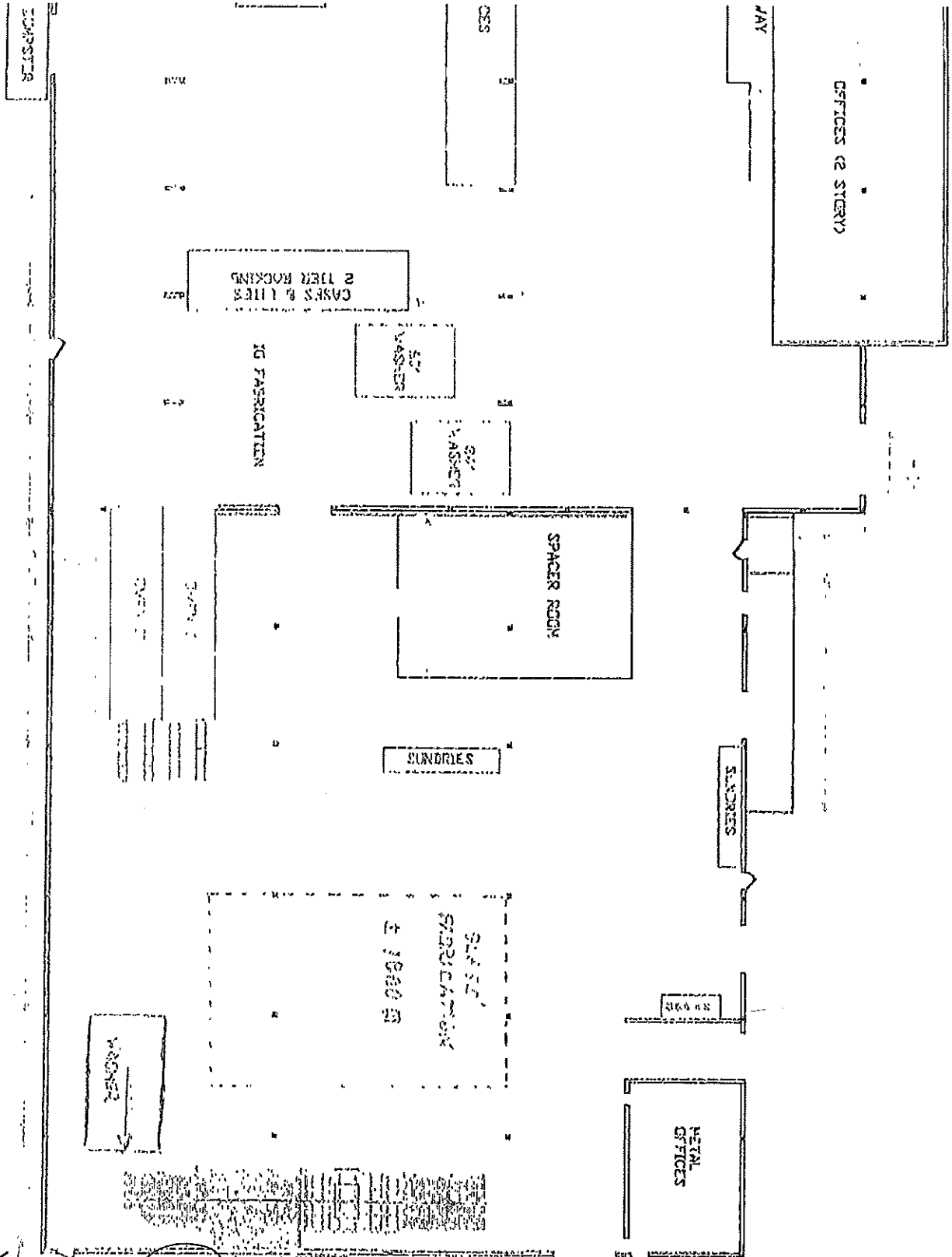
SUMMIT		TEST PIT LOG		Test Pit #	TP-1
GEOENGINEERING SERVICES 640 Main Street Lewiston, Maine 04240		Project: Sigco Glass Addition 299 Presumpscot Street Portland, ME		Project #:	7837
Contractor: Hardy Pond Construction		Ground Surface Elevation: Approx. at Exist. Building FFE		Groundwater:	N/E
Equipment: Tracked Bobcat X325		Reference: Estimation from Site Visual Observation			
Summit Staff: Craig Coolidge, E.I.T.		Date: 6/3/2004	Weather: Overcast		

Depth (ft)	DESCRIPTION		
	ENGINEERING	GEOLOGIC/GENERAL	
0.5	Compact dark brown Silty SAND, little Clay and Gravel, damp, SM, little mixing with reworked firm, olive gray and mottled Silty CLAY, damp, CL	FILL	
1.0	Occasional small cobbles		
1.5	Small amount of brick debris encountered		
2.0	-----		
2.5	Compact dark brown Silty SAND, little Clay and Gravel mixing with light brown Sand, little Silt and Gravel, damp, SM-SP		2.0'
3.0	-----		
3.5	Compact dark brown Silty SAND, little Clay and Gravel, damp, SM, little mixing with reworked firm, olive gray and mottled Silty CLAY, damp, CL	3.5'	
4.0	Small amount of waste debris encountered from 3.5 to 6.0 feet consisting of less then 5% for layer		
4.5	-----		
5.0	-----		
5.5	-----	6.0'	
6.0	End of exploration at 6.0', no refusal encountered		
6.5	-----		
7.0	-----		
7.5	-----		
8.0	-----		
8.5	-----		
9.0	-----		
9.5	-----		
10.0	-----		

TRANSMISSION VERIFICATION REPORT

TIME : 06/11/2004 07:17
NAME :
FAX :
TEL :

DATE, TIME	06/11 07:16
FAX NO./NAME	6577342
DURATION	00:01:28
PAGE(S)	05
RESULT	OK
MODE	STANDARD
	ECM



← PRESUMESCAT STREET →

33ft to rear property line

33'
 CONCRETE BLOCK ON SLAB,
 19'8" HEIGHT
 APPLIC TO BE REMOVED AT CONCLUSION OF OUR LEASE (1/07).
 SOUND INSULATED

to: Sarah Hopkins

*Any further
expansion will
advice stewart*

From: Steve Ballou

*Need
dimension
from address
to back property
Need at least 19.8*

Date: May 11, 2004

Re: 299 Presumpscot Street Building Addition Proposal (SIGCO)

Sarah, I have attached 4 pages that will hopefully give you a sense for what our final proposal looks like. Based on our compressed schedule we have designed an addition that is less than 500 square feet. This design will function acceptably for us and will hopefully simplify the approval process and eliminate sidewalk and landscaping requirements. We estimate that the cost to construct the addition will be about \$45,000, including sound proofing elements. Mike DeLuca has given us rough estimates of \$25,000 to install sidewalks, with additional costs for other required landscaping and lighting requirements.

We are very hopeful that we will not require these additional expenses, as we will be vacating this building by January of 2007, and building a new facility in the area. We will likely be required to remove the addition upon leaving.

Page 1 is a sketch of the building and property boundaries that shows that we have more than enough setback room for the addition.

Page 2 shows where the new piece of equipment will be situated in the existing building, and the location of the 498 sq. ft. concrete block addition. The building is designed to minimize noise propagation using sound absorbing materials and opening any openings away from Presumpscot street toward the railroad tracks. We will have no problems meeting the zoning requirements on this matter.

Page 3 shows several views of the blower room from our CAD drawings.

Page 4 is a close up view of the addition.

Please call me if you have any questions or need additional information. I can come to your offices on short notice if required. My cell number is 831-7158.

Best regards,

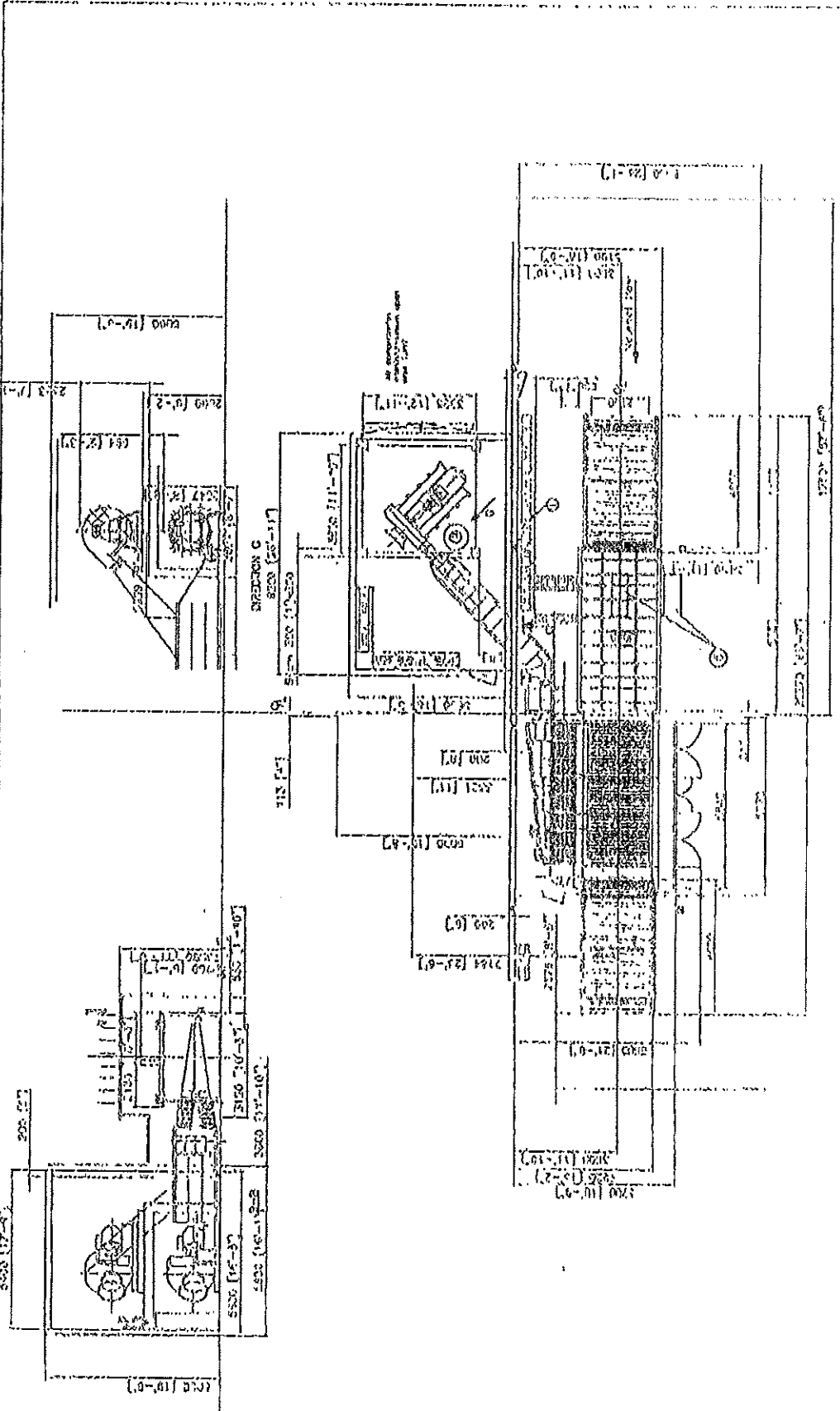
Steve Ballou



DETAIL OF BLOWER ROOM ADDITION

3

MAY 7
7.5.2004



BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

Pre-construction Meeting: Must be scheduled with your inspection team upon receipt of this permit. Jay Reynolds, Development Review Coordinator at 874-8632 must also be contacted at this time, before any site work begins on any project other than single family additions or alterations.

- Footing/Building Location Inspection: Prior to pouring concrete
- Re-Bar Schedule Inspection: Prior to pouring concrete
- Foundation Inspection: Prior to placing ANY backfill
- Framing/Rough Plumbing/Electrical: Prior to any insulating or drywalling
- Final/Certificate of Occupancy: Prior to any occupancy of the structure or use. NOTE: There is a \$75.00 fee per inspection at this point.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED

Signature of Applicant Designee

Date

Signature of Inspections Official

Date

CBL: 440A003

Building Permit #:

040912

ELECTRICAL PERMIT

City of Portland, Me.



To the Chief Electrical Inspector, Portland Maine:
 The undersigned hereby applies for a permit to make electrical installations
 in accordance with the laws of Maine, the City of Portland Electrical Ordinance,
 National Electrical Code and the following specifications:

Date 12/12/02
 Permit # 2002-3033
 CBL# 400 A003

LOCATION: 299 Presumpscoot St. METER MAKE & # _____
 CMP ACCOUNT # _____ OWNER _____
 TENANT Sigco, Inc. PHONE # _____

							TOTAL EACH FEE		
OUTLETS		Receptacles		Switches		Smoke Detector		.20	
FIXTURES		Incandescent		Fluorescent		Strips		.20	
SERVICES	X	Overhead		Underground		TTL AMPS	<800	15.00	
		Overhead		Underground			>800	25.00	
Temporary Service		Overhead		Underground		TTL AMPS		25.00	
								25.00	
METERS		(number of)						1.00	
MOTORS		(number of)						2.00	
RESID/COM		Electric units						1.00	
HEATING		oil/gas units		Interior		Exterior		5.00	
APPLIANCES		Ranges		Cook Tops		Wall Ovens		2.00	
		Insta-Hot		Water heaters		Fans		2.00	
		Dryers		Disposals		Dishwasher		2.00	
		Compactors		Spa		Washing Machine		2.00	
		Others (denote)						2.00	
	MISC. (number of)		Air Cond/win						3.00
			Air Cond/cent				Pools		10.00
			HVAC		EMS		Thermostat		5.00
		Signs						10.00	
		Alarms/res						5.00	
		Alarms/com						15.00	
		Heavy Duty(CRKT)						2.00	
		Circus/Carnv						25.00	
		Alterations						5.00	
		Fire Repairs						15.00	
	E Lights						1.00		
	E Generators						20.00		
PANELS		Service		Remote		Main		4.00	
TRANSFORMER		0-25 Kva						5.00	
		25-200 Kva						8.00	
		Over 200 Kva						10.00	
	TOTAL AMOUNT DUE								45.00
MINIMUM FEE/COMMERCIAL 45.00							<input checked="" type="checkbox"/>	MINIMUM FEE 35.00	

CONTRACTORS NAME EASTERN ELECTRIC CORP MASTER LIC. # MC10001182
 ADDRESS 20 Bedford St. Portland ME 04101 LIMITED LIC. # _____
 TELEPHONE 772-6762

SIGNATURE OF CONTRACTOR Justin J. Varnney For David Bradbury
 White Copy - Office Yellow Copy - Applicant

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

Permit Number: 040912

PERMIT ISSUED

JUL 13 2004

CITY OF PORTLAND

Please Read
Application And
Notes, If Any,
Attached

This is to certify that Miele Patrick & Victoria E. J. Hardy Portland construction
has permission to build new 505 sq ft addition to commercial class distribution
AT 299 Presumpscot St 420 A003001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and when permission procured before this building or part thereof is laid or closed-in. **24 HOUR NOTICE IS REQUIRED.**

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. [Signature]
Health Dept. _____
Appeal Board _____
Other _____
Department Name _____

[Signature] 7/8/04
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD



CITY OF PORTLAND, MAINE
 Department of Building Inspections

Received from Mr. [Signature] 20 04

Location of Work 432 W. [Address]

Cost of Construction \$

Permit Fee \$

Building (IL) Plumbing (15) Electrical (12) Site Plan (12)

Other

CBL: B003

Check #: 1452 Total Collected \$ 1100

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$10.00 or 10% whichever is greater.

WHITE - Applicant's Copy
 YELLOW - Office Copy
 PINK - Permit Copy

[Handwritten signature]



APPLICATION FOR EXEMPTION FROM SITE PLAN REVIEW

Applicant Sigco Application Date 5/12/04
299 Presumpscot St Project Name/Description
 Applicant's Mailing Address 299 Presumpscot St
Steve Ballou 831 7158 Address of Proposed Site
 Consultant/Agent/Phone Number

CEB: 420-A-3

Description of Proposed Development:

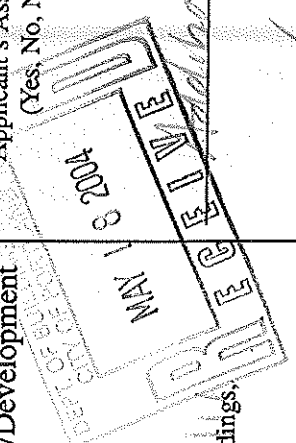
18'5 x 26'11 bldg addition

Please Attach Sketch/Plan of Proposal/Development

Criteria for Exemptions:
See Section 14-523 (4) on back side of form

- a) Within Existing Structures; No New Buildings, Demolitions or Additions
- b) Footprint Increase Less Than 500 Sq. Ft.
- c) No New Curb Cuts, Driveways, Parking Areas
- d) Curbs and Sidewalks in Sound Condition/Comply with ADA
- e) No Additional Parking/No Traffic Increase
- f) No Stormwater Problems
- g) Sufficient Property Screening
- h) Adequate Utilities

Applicant's Assessment (Yes, No, N/A)	Planning Office Use Only
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>See below</u>	<u>see below</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



Planning Division Use Only

Exemption Granted Partial Exemption _____ Exemption Denied _____

Any future additions will require installation of granite curb, sidewalk, street trees along frontage

Planner's Signature [Signature] Date 5/13/04