

**City of Portland, Maine - Building or Use Permit Application**

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

Permit No: 06-1666	Issue Date:	CBL: 027 B003001
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Location of Construction: 9 ELM ST	Owner Name: CITY OF PORTLAND	Owner Address: 389 CONGRESS ST	Phone:
Business Name:	Contractor Name: C.M. Cimino Inc.	Contractor Address: 3 Warren Ave Westbrook	Phone 2078548876
Lessee/Buyer's Name	Phone:	Permit Type: Foundation Only/Commercial	Zone: B3

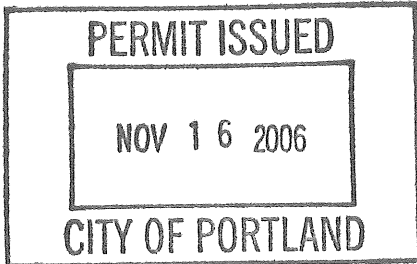
Past Use: Vacant Land	Proposed Use: Commercial Close in portion of parking garage for transportation center/ FOUNDATION ONLY PERMIT Connected w/ permit # 061537	Permit Fee:	Cost of Work: \$0.00	CEO District: 1
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Proposed Project Description: FOUNDATION ONLY PERMIT Connected w/ permit # 061537	FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied INSPECTION: Use Group: Type: Foundation ONLY 2003 IBC Signature: JMB 11/16/06 PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: Date:
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Permit Taken By: Idobson	Date Applied For: 11/16/2006	<b>Zoning Approval</b>	
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- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
- 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..

Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: JMB 11/16/06	<input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	<input type="checkbox"/> Not in District or Landmark <input checked="" type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: JMB



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**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

**From:** "Mike Nugent" <MikeN@dirigomgmt.com>  
**To:** "Steven Lapin" <SLapin@MaguireGroup.com>, <mjn@portlandmaine.gov>  
**Date:** 11/8/2006 3:33:02 PM  
**Subject:** RE: Elm Street Garage Permit questions

Thanks for your response. With regard to the geotechnical aspect of the project and upon receipt of the Statement of Special Inspections, a foundation only permit can be issued by the City, once the Planning Department authorizes it's release. Once excavation has occurred and prior to pouring the initial footings, the contracted engineer must confirm the "B" seismic conditions. If the soils are different that those that you are assuming, subsequent review of the moment connections and other Seismic resistance portions of the structure must occur and redesign if necessary.

There is no connection between the street opening permit and the building permit. You can get one at any time from Carol Merritt, Public Works.

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From: Steven Lapin [mailto:SLapin@MaguireGroup.com]  
Sent: Wed 11/8/2006 12:42 PM  
To: Mike Nugent; mjn@portlandmaine.gov  
Cc: mcimino@cmciminoinc.com; pcavanaugh@gpmetrobus.com; Fabrizio Caruso; Steven Phillips; jmb@portlandmaine.gov; PHB@portlandmaine.gov  
Subject: Elm Street Garage Permit questions

Dear Mike,

I am the Project Architect for the Elm Street Garage / Metro project. We last spoke several months ago at the commencement of this project, and you were most helpful in answering some questions. I have been forwarded your questions dated 11/5/06, and we have discussed some of them in your absence with Jeanie Bourke. She asked that we forward our responses to you, and copy her.

We urgently seek your reply, as we are quickly approaching the November 15 deadline for a street opening permit. Kindly get back to us ASAP. If you have any questions, please feel free to e-mail me.

Thank you, and enjoy your vacation!

Steven Lapin, AIA  
Principal Architect

Maguire Group Inc.  
33 Commercial Street, Suite 1  
Foxborough, MA 02035  
Tel. (508) 543-1700 ext. 335  
Fax. (508) 543-5165

E-mail: slapin@maguiregroup.com  
www.maguiregroup.com

1) Are we building the Base Bid or Options 2?

Answer:  
Option 2.

2) Does this project have site plan approval yet?

Answer:

On November 8, 2006, the Portland Planning Authority granted minor site plan approval for an addition to the existing Elm Street Garage in the vicinity of #21 Elm Street, with the following condition:

Portland Planning Authority shall review the details for the repaving of the plaza.

3) There is no geotechnical report, yet the engineer has defaulted to Seismic Site class of "B" and has based his design on this. Please review section 1615.1.1 of the 2003 IBC, where soil properties are unknown, the default site class is "D" which usually translates into a Seismic design category of "C".

Answer:

It is true that no boring were taken for this addition to the existing parking garage. We have reviewed existing drawings for the garage which was built in 1989. The existing footings in this area are shown to be keyed into rock, minimum 6 inches. The rock bearing capacity of 10 Ton per square foot is shown on the existing drawing.

We have followed the same design philosophy for this small addition and have embedded new footings into rock. It is our opinion that since the footings will be founded on rock, selection of Site Class B is reasonable.

4) Please provide a compliance assessment with Section 503 and 406.3.5 with regard to area limitations.

Answer:

Construction Type: 2B, Unprotected

Per 2003 IBC, Table 406.3.5:

Area allowed per level: 50,000 s.f.

Levels allowed: 8

Level 1: 23,890 s.f.

Level 2: 23,890 s.f.

Level 3: 23,890 s.f.

Level 4: 23,890 s.f.

Level 5: 23,890 s.f.

Level 6: 22,282 s.f.

5) Please provide a statement of special inspections that complies with all applicable elements of Chapter 17. This will be impacted by the final seismic determination.

Answer:

We are preparing this, and it will be submitted shortly.

6) Assuming that this is an existing open parking structure that complies with the amount of openings required at the time of construction ( for today's requirement it's section 406.3.3.), please provide an assessment of the percentage of preconstruction and post construction openings on the second tier.

Answer:

Second floor garage open area calculations are as follows:

Gross area of openings along Elm St. façade: 5'-8" h. x 216 l.f. = 1,440 s.f.

Gross area of openings along remainder of garage: 3'-6" h. x 485 l.f. = 1,697 s.f.  
Gross area of openings: 3,137 s.f.  
Area of existing obstructions: columns, piers, etc: 1,253 s.f.  
Total perimeter area= 701 l.f. x 10' h. = 7,010 s.f.  
Percentage open area, existing: 26.87%  
Area of new infill: 242 s.f.  
Percentage open area, proposed: 23.42%  
Required open area, IBC 406.3.3 = 20%

7) If Option 2 is what we're reviewing, what is the total square footage of the space? If it surpasses 1500 sq. ft. of total floor area, please review the number of plumbing fixtures. Table 4.1 of the State Plumbing Code (based on the 2000 UPC) requires more than one fixture per gender.

Answer:

The total floor area of the waiting area and office is 1,436 s.f. net. The toilet rooms are not included, since in our view they would not be counted towards the fixture requirement, as this would be a simultaneous use.

Because the UPC does not specifically mention Passenger Terminals and Transportation Facilities, this type of occupancy is to be considered individually per UPC 413.4.3. For comparison purposes, the 2000 Intl. Plumbing Code requires 1 fixture per 500 occupants in this type of facility (IPC Table 403.1)

Due to security considerations, the Metro has indicated that they plan to control access to the bathrooms to one person at a time with a key obtained from the customer service window.

**CC:** <mcimino@cmciminoinc.com>, <pcavanaugh@gpmetrobus.com>, "Fabrizio Caruso" <FCaruso@MaguireGroup.com>, "Steven Phillips" <SPhillips@MaguireGroup.com>, <jmb@portlandmaine.gov>, <PHB@portlandmaine.gov>

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

Please Read Application And Notes, If Any, Attached

**PERMIT ISSUED**

Permit Number: 061666  
 NOV 16 2006

**CITY OF PORTLAND**

This is to certify that CITY OF PORTLAND / C.M. Timino Inc  
 has permission to FOUNDATION ONLY PERMIT Connected w/ permit # 061666  
 AT 9 ELM ST BL 027 B003001

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 written permission procured before this building or part thereof is lained or otherwise 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. \_\_\_\_\_  
 Health Dept. \_\_\_\_\_  
 Appeal Board \_\_\_\_\_  
 Other \_\_\_\_\_  
 Department Name

*Joanne Bourke* 11/16/06  
 Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

# 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.

A Pre-construction Meeting will take place upon receipt of your building permit.

- 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.

**NO** CERTIFICATE OF OCCUPANCIES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED

[Signature]  
Signature of Applicant/Designee

11/16/06  
Date

[Signature]  
Signature of Inspections Official

11/16/06  
Date

CBL: 27-B-3

Building Permit #: 06-1666

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<b>Location of Construction:</b> 9 ELM ST	<b>Owner Name:</b> CITY OF PORTLAND	<b>Owner Address:</b> 389 CONGRESS ST	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> C.M. Cimino Inc.	<b>Contractor Address:</b> 3 Warren Ave Westbrook	<b>Phone:</b> (207) 854-8876
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Foundation Only/Commercial	

<b>Proposed Use:</b> Commercial Close in portion of parking garage for transportation center/ FOUNDATION ONLY PERMIT Connected w/ permit # 061537	<b>Proposed Project Description:</b> FOUNDATION ONLY PERMIT Connected w/ permit # 061537
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<b>Dept:</b> Zoning	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Jeanine Bourke	<b>Approval Date:</b> 11/16/2006
<b>Note:</b>	<b>Ok to Issue:</b> <input checked="" type="checkbox"/>		
1) Zoning was approved on permit # 06-1537, all conditions apply.			
<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Jeanine Bourke	<b>Approval Date:</b> 11/16/2006
<b>Note:</b>	<b>Ok to Issue:</b> <input checked="" type="checkbox"/>		
1) This is approved for a FOUNDATION ONLY based on the review by Mike Nugent on permit # 06-1537			
<b>Dept:</b> Public Works	<b>Status:</b> Pending	<b>Reviewer:</b>	<b>Approval Date:</b>
<b>Note:</b>	<b>Ok to Issue:</b> <input type="checkbox"/>		
<b>Dept:</b> Zoning	<b>Status:</b> Approved	<b>Reviewer:</b> Marge Schmuckal	<b>Approval Date:</b> 10/10/2006
<b>Note:</b>	<b>Ok to Issue:</b> <input type="checkbox"/>		
<b>Dept:</b> Parks	<b>Status:</b>	<b>Reviewer:</b>	<b>Approval Date:</b>
<b>Note:</b>	<b>Ok to Issue:</b> <input type="checkbox"/>		
<b>Dept:</b> Fire	<b>Status:</b> Approved	<b>Reviewer:</b> Greg Cass	<b>Approval Date:</b> 10/12/2006
<b>Note:</b>	<b>Ok to Issue:</b> <input type="checkbox"/>		
<b>Dept:</b> DRC	<b>Status:</b> Pending	<b>Reviewer:</b>	<b>Approval Date:</b>
<b>Note:</b>	<b>Ok to Issue:</b> <input type="checkbox"/>		
<b>Dept:</b> Planning	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b>	<b>Approval Date:</b> 11/08/2006
<b>Note:</b>	<b>Ok to Issue:</b> <input checked="" type="checkbox"/>		

**Comments:**

11/16/2006-ldobson: FEE ON Original permit# 061537

11/16/2006-JMB: Received statement of special inspections, ok to issue foundation only permit

<b>Location of Construction:</b> 9 ELM ST	<b>Owner Name:</b> CITY OF PORTLAND	<b>Owner Address:</b> 389 CONGRESS ST	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> C.M. Cimino Inc.	<b>Contractor Address:</b> 3 Warren Ave Westbrook	<b>Phone</b> (207) 854-8876
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Foundation Only/Commercial	

11/9/2006-MJN: Mike Nugent emailed on 11/8/06.....Thanks for your response. With regard to the geotechnical aspect of the project and upon receipt of the Statement of Special Inspections, a foundation only permit can be issued by the City, once the Planning Department authorizes it's release. Once excavation has occurred and prior to pouring the initial footings, the contracted engineer must confirm the "B" seismic conditions. If the soils are different than those that you are assuming, subsequent review of the moment connections and other Seismic resistance portions of the structure must occur and redesign if necessary.

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**MAGUIRE  
GROUP**

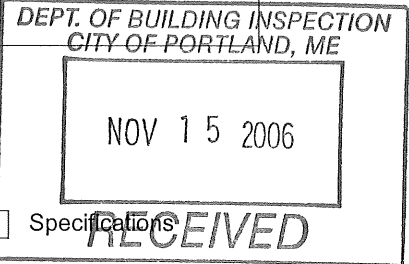
**Maguire Group Inc.**

Architects/Engineers/Planners  
225 Foxborough Boulevard  
Foxborough, Massachusetts 02035  
Telephone 508/543-1700

*Letter of Transmittal*

To: Mr. Peter Cavanaugh  
Director of Operations  
Greater Portland Transit District  
114 Valley Street  
Portland, ME 04102

Date: November 10, 2006	Job No. 17859
Attention:	
RE: Metro Elm Street	



WE ARE SENDING YOU

- Attached  Under Separate Cover the following items:
- Shop Drawings  Prints  Plans  Samples  Specifications
- Copy of Letter  Change Order  Other: \_\_\_\_\_

Copies	Date	No.	Description
1			Statement of Special Inspections

THESE ARE TRANSMITTED as checked below:

- For approval  Approved as submitted  Resubmit \_\_\_ copies for approval
- For your use  Approved as noted  Submit \_\_\_ copies for distribution
- As requested  Returned for corrections  Return \_\_\_ corrected prints
- For review and comment  PRINTS RETURNED AFTER LOAN TO US
- FOR BIDS DUE:

REMARKS: Peter: Please sign and forward to the Building Inspector. Thank you.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Copy to: \_\_\_\_\_ Signed: Steven Phillips, AIA

# Statement of Special Inspections

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Project: *Downtown Portland Transportation Center*

Location: *Elm Street, Portland, Maine*

Owner: *Metro Greater Portland Transit District*

Design Professional in Responsible Charge: *Steven G. Phillips, A. I. A.*

This *Statement of Special Inspections* is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Special Inspection Coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This *Statement of Special Inspections* encompass the following disciplines:

- Structural       Mechanical/Electrical/Plumbing  
 Architectural       Other: \_\_\_\_\_

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge.

A *Final Report of Special Inspections* documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.

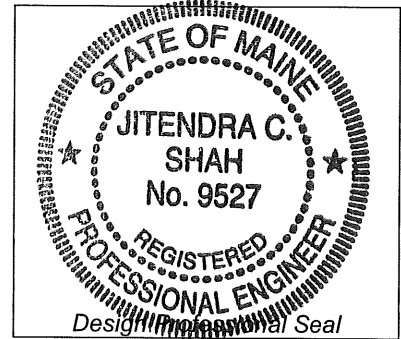
Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency: *Per test/inspection* or  per attached schedule.

Prepared by:

*Jitendra C. Shah, P. E.*

(type or print name)



*Jitendra C. Shah*  
Signature

*11/10/2006*  
Date

Owner's Authorization:

Building Official's Acceptance:

*[Signature]*      *11/15/06*  
Signature      Date

\_\_\_\_\_  
Signature      Date

# Schedule of Inspection and Testing Agencies

This Statement of Special Inspections / Quality Assurance Plan includes the following building systems:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Soils and Foundations     | <input type="checkbox"/> Spray Fire Resistant Material         |
| <input checked="" type="checkbox"/> Cast-in-Place Concrete    | <input type="checkbox"/> Wood Construction                     |
| <input type="checkbox"/> Precast Concrete                     | <input type="checkbox"/> Exterior Insulation and Finish System |
| <input type="checkbox"/> Masonry                              | <input type="checkbox"/> Mechanical & Electrical Systems       |
| <input checked="" type="checkbox"/> Structural Steel          | <input type="checkbox"/> Architectural Systems                 |
| <input checked="" type="checkbox"/> Cold-Formed Steel Framing | <input checked="" type="checkbox"/> Special Cases              |

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. <b>Special Inspection Coordinator</b>	<i>Cimino Inc.</i>	<i>3 Warren Ave, Westbrook, ME 04092 207-854-8876  Mcimino@cmciminoinc.com</i>
2. Inspector		
3. Inspector		
4. Testing Agency	<i>SW Cole</i>	<i>286 Portland Road, Gray, ME 04039 207-657-2866  Rdomingo@swcole.com</i>
5. Testing Agency		
6. Other		

Note: The inspectors and testing agencies shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

## Quality Assurance Plan

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### Quality Assurance for Seismic Resistance

Seismic Design Category *B*

Quality Assurance Plan Required (Y/N) *N*

Description of seismic force resisting system and designated seismic systems:

### Quality Assurance for Wind Requirements

Basic Wind Speed (3 second gust) *100*

Wind Exposure Category *B*

Quality Assurance Plan Required (Y/N) *N*

Description of wind force resisting system and designated wind resisting components:

### Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility.

# Qualifications of Inspectors and Testing Technicians

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The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided if requested.

## Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the *Agency Number* on the Schedule.

PE/SE	Structural Engineer – a licensed SE or PE specializing in the design of building structures
PE/GE	Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations
EIT	Engineer-In-Training – a graduate engineer who has passed the Fundamentals of Engineering examination

### American Concrete Institute (ACI) Certification

ACI-CFTT	Concrete Field Testing Technician – Grade 1
ACI-CCI	Concrete Construction Inspector
ACI-LTT	Laboratory Testing Technician – Grade 1&2
ACI-STT	Strength Testing Technician

### American Welding Society (AWS) Certification

AWS-CWI	Certified Welding Inspector
AWS/AISC-SSI	Certified Structural Steel Inspector

### American Society of Non-Destructive Testing (ASNT) Certification

ASNT	Non-Destructive Testing Technician – Level II or III.
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### International Code Council (ICC) Certification

ICC-SMSI	Structural Masonry Special Inspector
ICC-SWSI	Structural Steel and Welding Special Inspector
ICC-SFSI	Spray-Applied Fireproofing Special Inspector
ICC-PCSI	Prestressed Concrete Special Inspector
ICC-RCSI	Reinforced Concrete Special Inspector

### National Institute for Certification in Engineering Technologies (NICET)

NICET-CT	Concrete Technician – Levels I, II, III & IV
NICET-ST	Soils Technician - Levels I, II, III & IV
NICET-GET	Geotechnical Engineering Technician - Levels I, II, III & IV

### Exterior Design Institute (EDI) Certification

EDI-EIFS	EIFS Third Party Inspector
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### Other

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Item	Agency # (Qualif.)	Scope
1. Shallow Foundations	4 NICET-ST	<p><i>Verify that all footings are founded on rock and keyed into rock as shown on the Contract Documents.</i></p> <p><i>Inspect removal of unsuitable material and preparation of subgrade prior to placement of controlled fill</i></p>
2. Controlled Structural Fill	4 NICET-ST	<p><i>Perform sieve tests (ASTM D422 &amp; D1140) and modified Proctor tests (ASTM D1557) of each source of fill material.</i></p> <p><i>Inspect placement, lift thickness and compaction of controlled fill.</i></p> <p><i>Test density of each lift of fill by nuclear methods (ASTM D2922)</i></p> <p><i>Verify extent and slope of fill placement.</i></p>

Item	Agency # (Qualif.)	Scope
1. Mix Design	4 <i>ACI-CCI</i>	<i>Review concrete batch tickets and verify compliance with approved mix design. Verify that water added at the site does not exceed that allowed by the mix design.</i>
2. Reinforcement Installation	4 <i>ACI-CCI</i>	<i>Inspect size, spacing, cover, positioning and grade of reinforcing steel. Verify that reinforcing bars are free of form oil or other deleterious materials. Inspect bar laps and mechanical splices. Verify that bars are adequately tied and supported on chairs or bolsters</i>
3. Anchor Rods	4 <i>ACI-CCI</i>	<i>Inspect size, positioning and embedment of anchor rods. Inspect concrete placement and consolidation around anchors.</i>
4. Concrete Placement	4 <i>ACI-CCI</i>	<i>Inspect placement of concrete. Verify that concrete conveyance and depositing avoids segregation or contamination. Verify that concrete is properly consolidated.</i>
5. Sampling and Testing of Concrete	4 <i>ACI-CFTT</i>	<i>Test concrete compressive strength (ASTM C31 &amp; C39), slump (ASTM C143), air-content (ASTM C231 or C173) and temperature (ASTM C1064).</i>
6. Curing and Protection	4 <i>ACI-CCI</i>	<i>Inspect curing, cold weather protection and hot weather protection procedures.</i>

Item	Agency # (Qualif.)	Scope
4. Bolting	4 -	<i>Inspect installation and tightening of high-strength bolts. Verify that splines have separated from tension control bolts. Verify proper tightening sequence. Continuous inspection of bolts in slip-critical connections.</i>
5. Welding	4 <i>AWS-CWI</i>	<i>Visually inspect all welds. Inspect pre-heat, post-heat and surface preparation between passes. Verify size and length of fillet welds.</i>
7. Structural Details	4	<i>Inspect steel frame for compliance with structural drawings, including bracing, member configuration and connection details.</i>
8. Metal Deck	4 <i>AWS-CWI</i>	<i>Inspect welding and side-lap fastening of metal roof and floor deck.</i>
9. Other:		



# Cold-Formed Steel Framing

Item	Agency # (Qualif.)	Scope
1. Member Sizes	4	<i>Verify member sizes of cold formed roof purlins.</i>
2. Material Thickness	4	<i>Check the gage of roof purlins and verify that it matches the requirements of the Contact Documents.</i>
6. Framing Details	4	<i>Inspect purlin and blocking connections for compliance with structural drawings and approved shop drawings.</i>

# Special Cases

Item	Agency # (Qualif.)	Scope
<i>1. Adhesive Anchors</i>	4	<i>Check embedment of adhesive anchors. Verify that anchors are installed in accordance with manufacturer's printed installation procedures.</i>



# APPLICATION FOR EXEMPTION FROM SITE PLAN REVIEW

ED LANAHAN - MEGUIRE GROUP  
Applicant

5/31/06  
Application Date

33 Commercial St Foxborough MA  
Applicant's Mailing Address 02035

Metro Waiting Area  
Project Name/Description

See above  
Consultant/Agent/Phone Number

Elm St. Garage  
Address of Proposed Site

CBL: 027-B-008

Description of Proposed Development:

Construct Waiting Area within existing footprint of Elm St. Garage

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

Applicant's Assessment (Yes, No, N/A)	Planning Office Use Only
	✓
	✓
	✓

27B32



Maguire Group Inc.  
Architects/Engineers/Planners  
33 Commercial Street, Suite 1  
Foxborough, Massachusetts 02035  
Telephone: 508/543/1700  
Fax: 508/543-5157  
Corporate Fax: 508/543-7758

# Letter of Transmittal

27 B 3

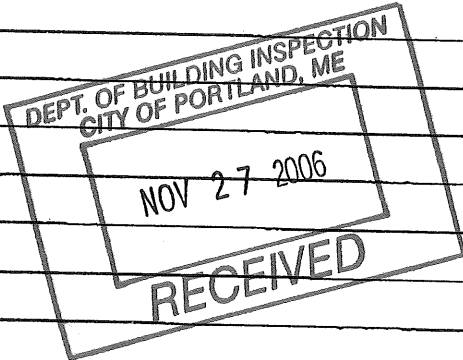
TO: *Barbara Barhydt*  
*Planning Dept.*  
cc: *John Paverada*  
*Parking Div.*

DATE	<i>11/22/06</i>	JOB NO.	<i>17859</i>
ATTENTION	<i>Barbara Barhydt.</i>		
RE:	<i>Portland Metro/ Elm. St. Garage</i>		

WE ARE SENDING YOU

- |   |   |
|---|---|
| <input type="checkbox"/> Attached       | <input type="checkbox"/> Under separate cover via _____ the following items:  |
| <input type="checkbox"/> Shop drawings  | <input type="checkbox"/> Prints <input type="checkbox"/> Plans <input type="checkbox"/> Samples <input type="checkbox"/> Specifications |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order <input type="checkbox"/> _____  |

COPIES	DATE	NO.	DESCRIPTION
<i>1</i>	<i>11/22</i>	<i>SKA-1</i>	<i>Site Plan</i>
<i>1</i>	<i>11/22</i>	<i>SKA-2</i>	<i>Ramp Plan</i>



THESE ARE TRANSMITTED as checked below:

- |  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> For approval | <input type="checkbox"/> Approved as submitted            | <input type="checkbox"/> Resubmit _____ copies for approval   |
| <input type="checkbox"/> For your use            | <input type="checkbox"/> Approved as noted                | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested            | <input type="checkbox"/> Returned for corrections         | <input type="checkbox"/> Return _____ corrected prints        |
| <input type="checkbox"/> For review and comment  | <input type="checkbox"/> _____                            |   |
| <input type="checkbox"/> FOR BIDS DUE _____      | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US |   |

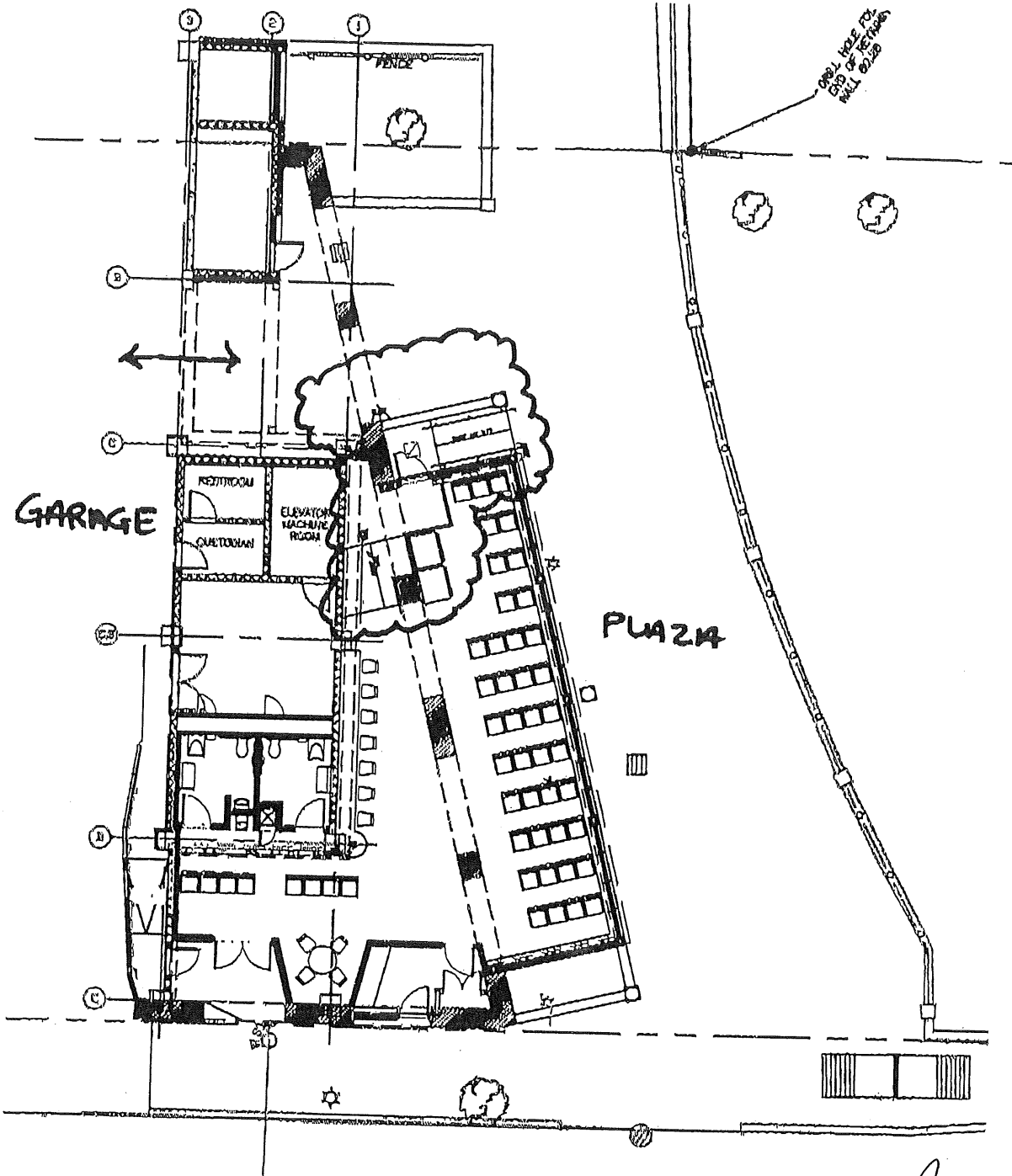
Remarks:

*Dear Barbara,*  
*This is the proposed change to the exterior ramp, which reduces it's size. Please call me Monday to review.*  
*Happy Thanksgiving!*  
*Thank you,*  
*Steven Lopin, AIA*

COPY TO \_\_\_\_\_

SIGNED \_\_\_\_\_

*If enclosures are not as noted, kindly notify us at once.*



# SITE PLAN

1/16" = 1'-0"

27 B3



**Maguire Group Inc.**  
 Architects / Engineers / Planners

33 Commercial Street, Suite #1  
 Foxborough, Massachusetts 02035

**GREATER PORTLAND TRANSIT DISTRICT**

**ELM STREET GARAGE LOBBY**

**FLOOR PLAN  
 GARAGE LEVEL 1**

REF: -

DRAWN BY: SL

CHK'D BY:

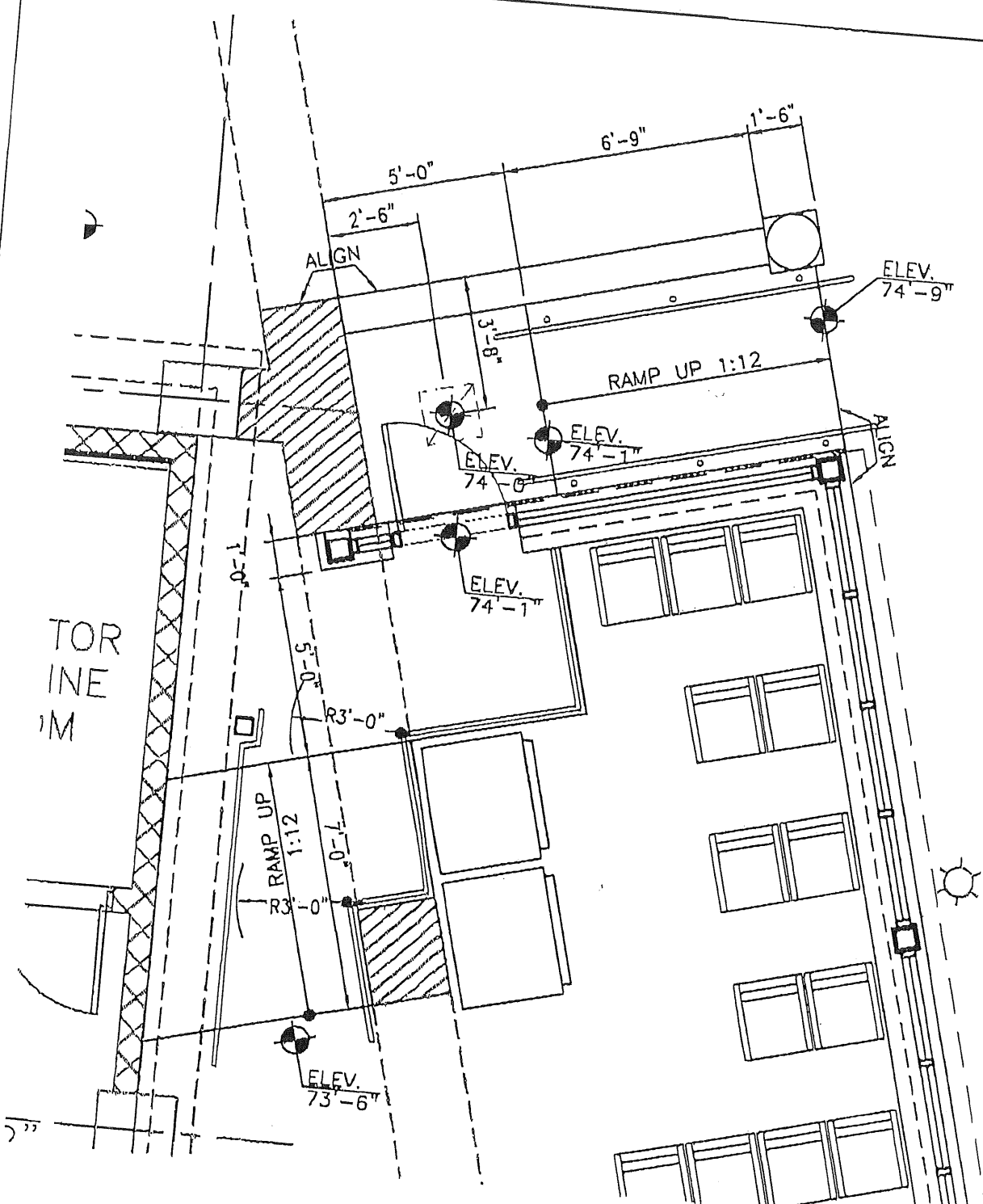
DATE: 11/22/06

PROJ. NO.

DWG. NO.

**SKA-1**


SHEET OF



**RAMP PLAN**

1/4" = 1'-0"

27 B3

 <p><b>Maguire Group Inc.</b> Architects/Engineers/Planners 33 Commercial Street, Suite 11 Foxborough, Massachusetts 02035</p>	<p>GREATER PORTLAND TRANSIT DISTRICT</p>		REF: -	PROJ. NO.
	<p>ELM STREET GARAGE LOBBY</p>		DRAWN BY: SL	DWG. NO.
	<p>FLOOR PLAN GARAGE LEVEL 1</p>		CHK'D BY:	<p><b>SKA-2</b></p>
			DATE: 11/22/06	

Maguire Group Inc.  
Architects/Engineers/Planners  
33 Commercial Street, Suite 1  
Foxborough, MA 02035  
Telephone: 508-543-1700  
Fax: 508-543-5157

December 15, 2006

27-B-3



Ms. Jeanie Bourke  
Code Enforcement Officer  
389 Congress Street, Room 315  
Portland, ME 04101

Re: **Downtown Portland Transportation Center - Site Class Revision**  
**MGI No. 17859**

Dear Ms. Bourke:

During the design phase, Maguire Group Inc. assumed the site class "B" for the above referenced project. This assumption was based on the existing garage drawings which indicated that all foundations will be supported on rock.

A registered Geotechnical Engineer observed the soil conditions after foundation excavations in the area of the proposed addition. Based on his observations, a soil site class C is recommended for this addition. A letter of his findings is enclosed.

Based on the revised site classification, Maguire Group has revisited calculations for Seismic Design Category. There is a slight change in the values of Spectral response coefficients (SDS and SD1). Due to these changes, the seismic design category does not change, and remains "B", as previously calculated.

Based on this, no revisions to Statement of Special Inspection are required.

Please call if you have any questions or concerns.

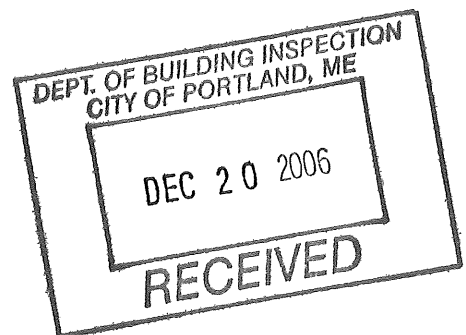
Sincerely,

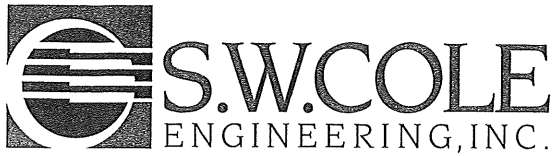
MAGUIRE GROUP INC.

A handwritten signature in black ink, appearing to read "Steven Phillips".

Steven Phillips, A. I. A.  
Senior Project Manager

Cc: Jiten Shah – Maguire Group Inc.  
Peter Cavanaugh - Metro  
Michael Cimino – C. M. Cimino , Inc.





• Geotechnical Engineering • Field & Lab Testing • Scientific & Environmental Consulting

06-1413

December 8, 2006

C.M. Cimino, Inc.  
Attention: Michael Cimino  
3 Warren Avenue  
Westbrook, Maine 04092

Subject: Geotechnical Services  
Downtown Portland Metro Bus Station  
Elm Street Parking Garage  
Portland, Maine

Dear Mr. Cimino:

As requested, we made a site visit on December 8, 2006 to observe soil conditions in foundation excavations for the subject bus station. This letter provides a summary of observations and our opinion of the seismic soil site class according to IBC 2003.

During our site visit on November 30, 2006, we observed foundation subgrade soils ranged from sand and gravel backfill around existing parking garage footings to very dense undisturbed brown glacial till in the area of the proposed addition. During our December 8, 2006 site visit, foundations had been excavated in the area of the proposed addition along building line 1b with subgrade conditions ranging from bedrock to very dense brown glacial till overlying bedrock. Based on observations made during these site visits and our experience with subsurface conditions from the Portland Public Market, across Elm Street, we interpret the subsurface soils to correspond to a Seismic Soil Site Class 'C' according to IBC 2003. As discussed, we recommended installing at least 3 inches of crushed stone below footings founded on bedrock to help remove "hard-points" from beneath foundation bearing surfaces.

We trust this letter meets your current needs.

Sincerely,

**S. W. COLE ENGINEERING, INC.**

  
Timothy J. Boyce, P. E.  
Senior Geotechnical Engineer

c: Dave Nacci – The Maguire Group

GRAY, ME OFFICE

286 Portland Road, Gray, ME 04039-9586 ■ Tel (207) 657-2866 ■ Fax (207) 657-2840 ■ E-Mail [infogray@swcole.com](mailto:infogray@swcole.com) ■ [www.swcole.com](http://www.swcole.com)

Other offices in Augusta, Bangor, and Caribou, Maine & Somersworth, New Hampshire



FROM DESIGNER: Maguire Group Inc.

DATE: October 16, 2006

Job Name: Metro Greater Portland Transit District

Downtown Portland Transportation Center

Address of Construction: 21 Elm Street, Portland, ME

2003 International Building Code

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

Building Code and Year 2003 IBC Use Group Classification(s) A-3/S-2 (garage)

Type of Construction 2B

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC NO

Is the Structure mixed use? Yes if yes, separated or non separated (see Section 302.3) Yes, separated

Supervisory alarm system? No Geotechnical/Soils report required? (See Section 1802.2) No, utilized information from existing garage structure.

**STRUCTURAL DESIGN CALCULATIONS**

Construction docs. Submitted for all structural members  
submitted (100.1, 100.1.1)

N.A. Live load reduction (1603.1.1, 1607.8, 1607.10)  
See snow load Roof live loads (1603.1.2, 1607.11)

**DESIGN LOADS ON CONSTRUCTION DOCUMENTS (1603)**

Root snow loads (7603.7.3, 1609)

Uniformly distributed floor live loads (7603.11, 1607)

50 PSF

Ground snow load,  $P_g$  (1608.2)

50 PSF

If  $P_g > 10$  psf, flat-roof snow load,  $P_f$  (1608.3)

Floor Area Use

Loads Shown

0.9

If  $P_g > 10$  psf, snow exposure factor,  $C_e$  (Table 1608.3.1)

Slabs-on-grade

100 PSF

1.0

If  $P_g > 10$  psf, snow load importance factor,  $I_s$  (Table 1604.5)

1.0

Roof thermal factor,  $Q_t$  (Table 1608.3.2)

50 PSF

Sloped roof snowload,  $P_s$  (1608.4)

B

Seismic design category (1616.9)

Wind loads (1603.1.4, 1609)

Conc. shear walls

Sec. 1609.6

Design option utilized (1609.1.1, 1609.6)

3

Basic seismic-force-resisting system (Table 1617.6.2)

100 MPH

Basic wind speed (1609.3)

Response modification coefficient,  $R$ , and deflection amplification factor,  $C_d$  (Table 1617.6.2)

1.0

Building category and wind importance factor,  $I_w$  (Table 1604.6, 1609.5)

N.A.

Analysis procedure (1616.6, 1617.5)

B

Wind exposure category (1609.4)

\*N.A.

Design base shear (1617.4, 1617.8.1)

+0.18

Internal pressure coefficient (ASCE 7)

See \* below

+7 PSF to

Component and cladding pressures (1609.1.1, 1609.6.2.2)

Flood loads (1603.1.6, 1612)

-33 PSF

N.A.

Flood hazard area (1612.3)

-13 PSF to

Main force wind pressures (7603.1.1, 1609.6.2.1)

N.A.

Elevation of structure

+22 PSF

Other loads

Earthquake design data (1603.1.5, 1614-1623)

Eq. Force Method

Design option utilized (1614.1)

N.A.

Concentrated loads (1607.4)

I

Seismic use group ("Category") (Table 1604.5, 1616.2)

N.A.

Partition loads (1607.5)

SDS = 0.27

SD1 = 0.07

Spectral response coefficients,  $S_{DS}$  &  $S_{D1}$  (1615.1)

N.A.

Impact loads (1607.8)

N.A.

Misc. loads (Table 1607.6, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)

Site class (1616.1.5)

\*The project consists of a very small addition to existing precast concrete parking garage. The addition does not increase seismic forces in any member by more than 5%.

Revised /

12/15/06

Handwritten box containing SDS = 0.27, SD1 = 0.07, and a signature.

# PLUMBING APPLICATION

Department of Human Sciences  
Division of Health Engineering

## PROPERTY ADDRESS

Town or Plantation	PORTLAND
Street Subdivision Lot #	9 ELM STREET

## PROPERTY OWNERS NAME

CITY OF PORTLAND

Last: \_\_\_\_\_ First: \_\_\_\_\_

Applicant Name: THE GELBER CO., INC

Mailing Address of Owner/Applicant (If Different): 4 GARDY ROAD FALMOUTH, ME 04105

06-8430

PORTLAND PERMIT # 10107 TOWN COPY

Date Permit Issued: 12/1/06 \$ 198.00  If Double Fee Charged

Jeanie Bourke L.P.I. # 01732  
Local Plumbing Inspector Signature

27 15 003

## Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspectors to deny a Permit.

The GELBER CO., INC 11/27/07  
Signature of Owner/Applicant Date

## Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Maine Plumbing Rules.

Local Plumbing Inspector Signature Date Approved

## PERMIT INFORMATION

<p><b>This Application is for</b></p> <p>1. <input checked="" type="checkbox"/> NEW PLUMBING</p> <p>2. <input type="checkbox"/> RELOCATED PLUMBING</p>	<p><b>Type of Structure To Be Served:</b></p> <p>1. <input type="checkbox"/> SINGLE FAMILY DWELLING</p> <p>2. <input type="checkbox"/> MODULAR OR MOBILE HOME</p> <p>3. <input type="checkbox"/> MULTIPLE FAMILY DWELLING</p> <p>4. <input checked="" type="checkbox"/> OTHER - SPECIFY <u>WAITING STATION</u></p>	<p><b>Plumbing To Be Installed By:</b></p> <p>1. <input checked="" type="checkbox"/> MASTER PLUMBER</p> <p>2. <input type="checkbox"/> OIL BURNERMAN</p> <p>3. <input type="checkbox"/> MFG'D. HOUSING DEALER/MECHANIC</p> <p>4. <input type="checkbox"/> PUBLIC UTILITY EMPLOYEE</p> <p>5. <input type="checkbox"/> PROPERTY OWNER</p> <p>LICENSE # <u>010173</u></p>
--	--	--

Hook-Up & Piping Relocation Maximum of 1 Hook-Up	Column 2		Column 1	
	Number	Type of Fixture	Number	Type of Fixture
<p><b>OR</b></p> <p>HOOK-UP: to an existing subsurface wastewater disposal system.</p> <p><b>OR</b></p> <p>PIPING RELOCATION: of sanitary lines, drains, and piping without new fixtures.</p> <p><b>OR</b></p> <p>TRANSFER FEE [\$6.00]</p>		Hosebibb / Sillcock		Bathtub (and Shower)
	5	Floor Drain		Shower (Separate)
	1	Urinal		Sink
	1	Drinking Fountain	2	Wash Basin
		Indirect Waste	2	Water Closet (Toilet)
		Water Treatment Softener, Filter, etc.		Clothes Washer
		Grease / Oil Separator		Dish Washer
		Dental Cuspidor		Garbage Disposal
		Bidet		Laundry Tub
		Other: <u>MOP BASIN</u>	1	Water Heater
	8	Fixtures (Subtotal) Column 2	5	Fixtures (Subtotal) Column 1
		8	Fixtures (Subtotal) Column 2	
		13	<b>Total Fixtures</b>	
		78.00	Fixture Fee	
		20.00	Transfer Fee	
			Hook-Up & Relocation Fee	
			<b>Permit Fee (Total)</b>	

SEE PERMIT FEE SCHEDULE FOR CALCULATING FEE

SURCHARGE

\$98.00



# PORTLAND MAINE

*Strengthening a Remarkable City, Building a Community for Life* • [www.portlandmaine.gov](http://www.portlandmaine.gov)

**Planning and Development Department**  
Lee D. Urban, Director

**Planning Division**  
Alexander Jaegerman, Director

November 8, 2006

Mr. Peter Cavanaugh  
METRO Director of Operations  
Greater Portland Transit District  
114 Valley St  
Portland, ME 04102

RE: 21 Elm Street, Addition to Elm Street Garage  
ID #2006-0193, CBL #027 B008001

Dear Mr. Cavanaugh:

On November 8, 2006, the Portland Planning Authority granted minor site plan approval for an addition to the existing Elm Street Garage in the vicinity of #21 Elm Street, with the following condition:

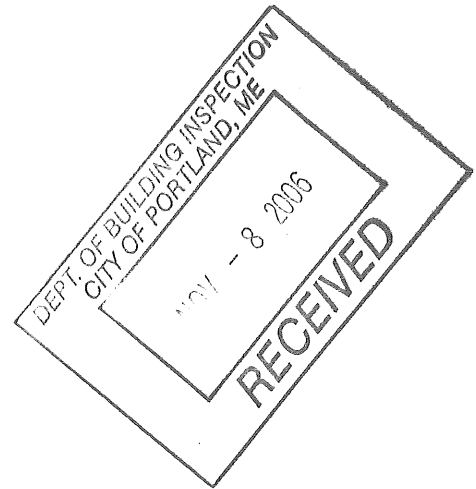
1. Portland Planning Authority shall review the details for the repaving of the plaza.

Where submission drawings are available in electronic form, the applicant shall submit any available electronic CADD.DXF files with seven sets of final plans.

The approval is based on the submitted site plan. If you need to make any modifications to the approved site plan, you must submit a revised site plan for staff review and approval.

Please note the following provisions and requirements for all site plan approvals:

1. Where submission drawings are available in electronic form, the applicant shall submit any available electronic Autocad files (\*.dwg), release 14 or greater, with seven (7) sets of the final plans.
2. A performance guarantee covering the site improvements as well as an inspection fee payment of 2.0% of the guarantee amount and 7 final sets of plans must be submitted to and approved by the Planning Division and Public Works prior to the release of the building permit. If you need to make any modifications to the approved site plan, you must submit a revised site plan for staff review and approval.



# 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:

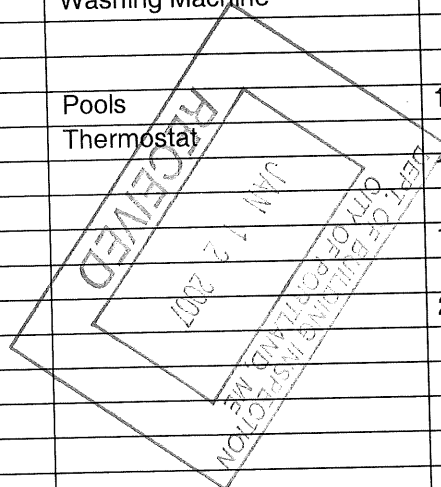
Date January 11, 2006

Permit # 2007-14041

CBL# 27 B 3

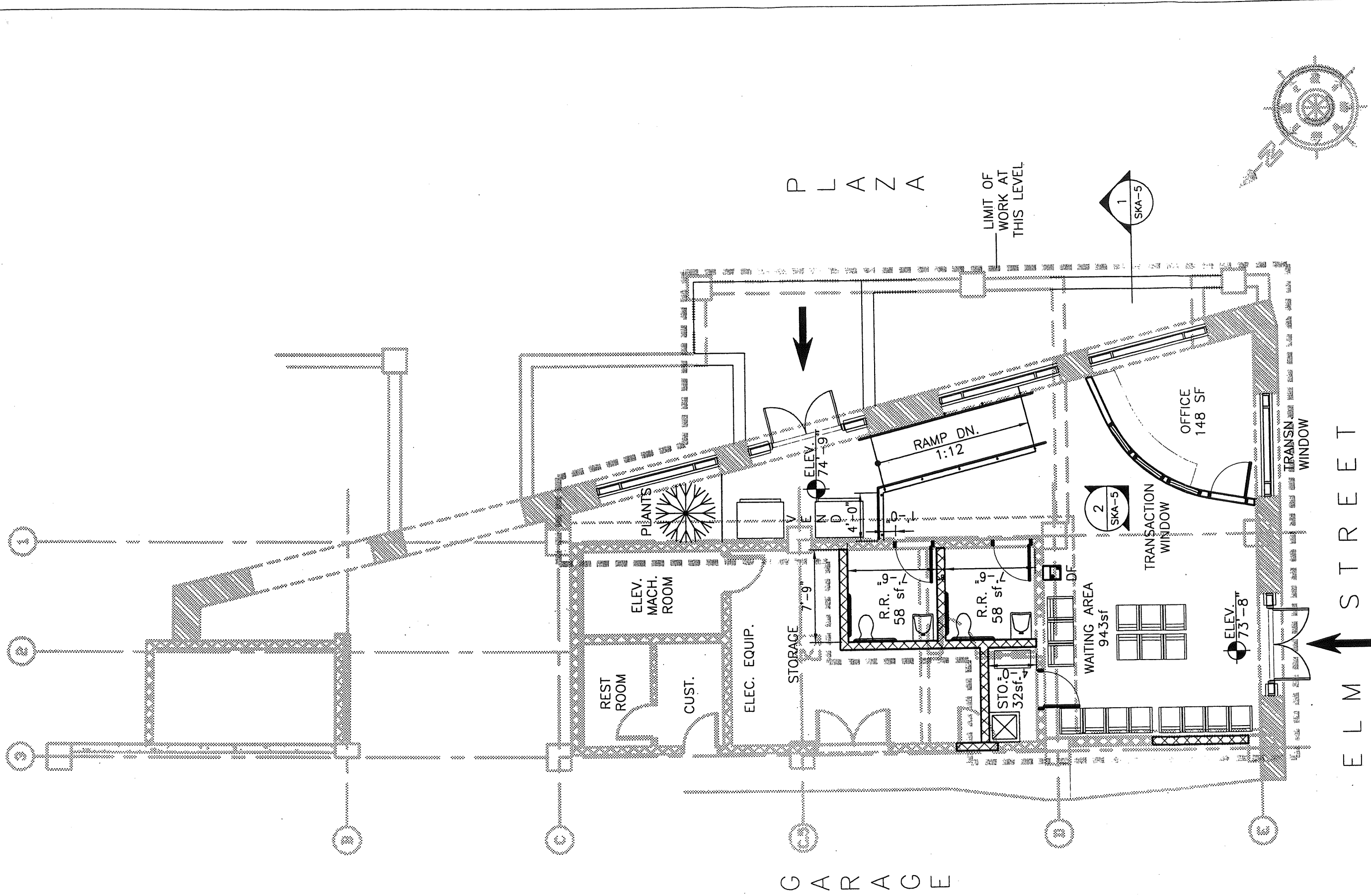
LOCATION: 9 Elm Street METER MAKE & # \_\_\_\_\_  
CMP ACCOUNT # \_\_\_\_\_ OWNER Greater Portland Transit District  
TENANT \_\_\_\_\_ PHONE # \_\_\_\_\_

							TOTAL EACH FEE	
OUTLETS	9	Receptacles	3	Switches		Smoke Detector	.20	240
FIXTURES	14	Incandescent	2	Fluorescent	3	Strips	.20	380
SERVICES		Overhead		Underground		TTL AMPS <800	15.00	
		Overhead		Underground		TTL AMPS >800	25.00	
Temporary Service		Overhead		Underground		TTL AMPS	25.00	
							25.00	
METERS		(number of)					1.00	
MOTORS		(number of)					2.00	200
RESID/COM	1	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	
		Air Cond/win					3.00	
		Air Cond/cent				Pools	10.00	
		HVAC		EMS		Thermostat	5.00	
MISC. (number of)		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	5				1.00	500
		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								1320
MINIMUM FEE/COMMERCIAL 55.00							MINIMUM FEE 45.00	5500



CONTRACTORS NAME Anthony Mancini Inc MASTER LIC. # ME 60003358  
ADDRESS 179 Sheridan Street Portland, Me 04101 LIMITED LIC. # \_\_\_\_\_  
TELEPHONE 774-5829

SIGNATURE OF CONTRACTOR Gino Mancini

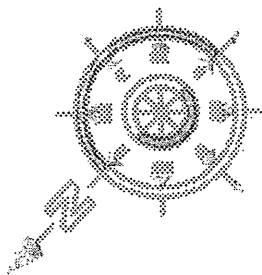


PARTIAL PLAN  
 1/8" = 1'-0"

Maguire Group Inc.  
 Architects/Engineers/Planners  
 33 Commercial Street, Suite #1  
 Foxborough, Massachusetts 02035



GREATER PORTLAND TRANSIT DISTRICT		REF: -	PROJ. NO.
ELM STREET GARAGE LOBBY		DRAWN BY: SL	DWG. NO.
FLOOR PLAN GARAGE LEVEL 1		CHK'D BY: FC	SKA-1
		DATE: 04/21/06	SHEET OF



P L A Z A

G A R A G E

ELM STREET

LIMIT OF WORK AT THIS LEVEL

RAMP DN.  
1:12

OFFICE  
148 SF

ELEV. MACH. ROOM

REST ROOM

CUST.

ELEC. EQUIP.

STORAGE  
7'-9"

R.R. 58 sf

R.R. 58 sf

WAITING AREA  
943sf

STO. 32sf

ELEV. 73'-8"

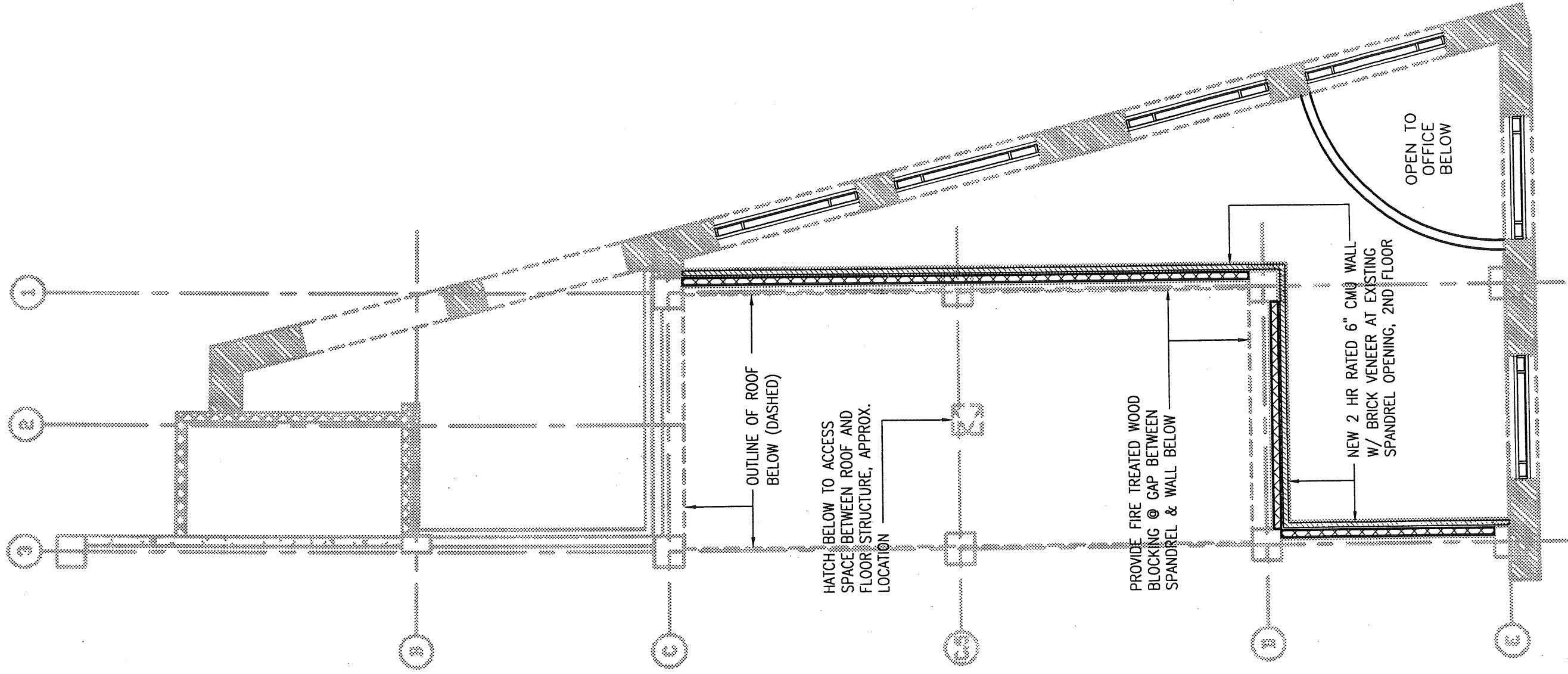
ELEV. 74'-9"

TRANSACTION WINDOW

TRANSACTION WINDOW

1  
SKA-5

2  
SKA-5



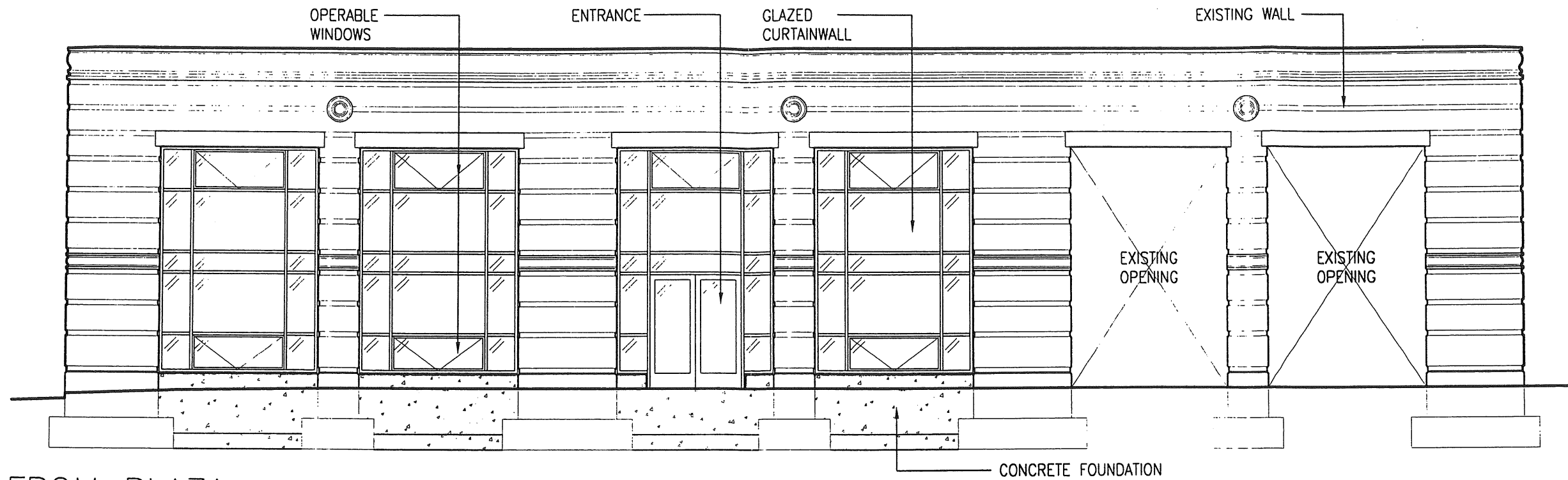
**PARTIAL PLAN**  
 1/8" = 1'-0"



**Maguire Group Inc.**  
 Architects / Engineers / Planners  
 33 Commercial Street, Suite # 02035  
 Foxborough, Massachusetts 02035

**GREATER PORTLAND TRANSIT DISTRICT**  
**ELM STREET GARAGE LOBBY**  
**FLOOR PLAN GARAGE LEVEL 2**

REF: -	PROJ. NO.
DRAWN BY: SL	DWG. NO.
CHK'D BY: FC	<b>SKA-2</b>
DATE: 04/21/06	SHEET OF



1 VIEW FROM PLAZA  
1/8" = 1'-0"



2 VIEW FROM ELM STREET  
1/8" = 1'-0"

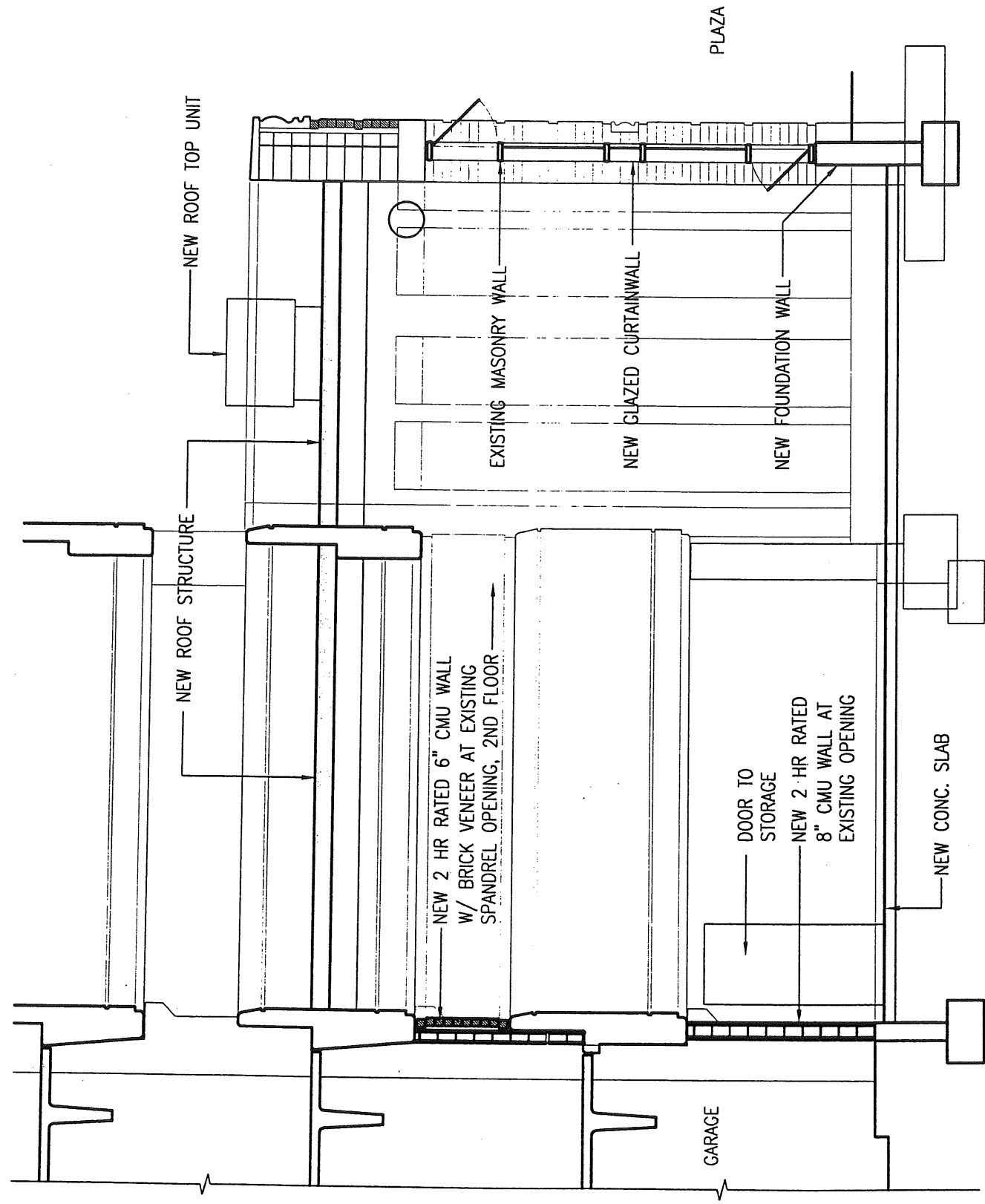


Maguire Group Inc.  
Architects/Engineers/Planners  
33 Commercial Street, Suite #1  
Foxborough, Massachusetts 02035

GREATER PORTLAND TRANSIT  
DISTRICT  
ELM STREET GARAGE  
LOBBY  
EXTERIOR  
ELEVATIONS

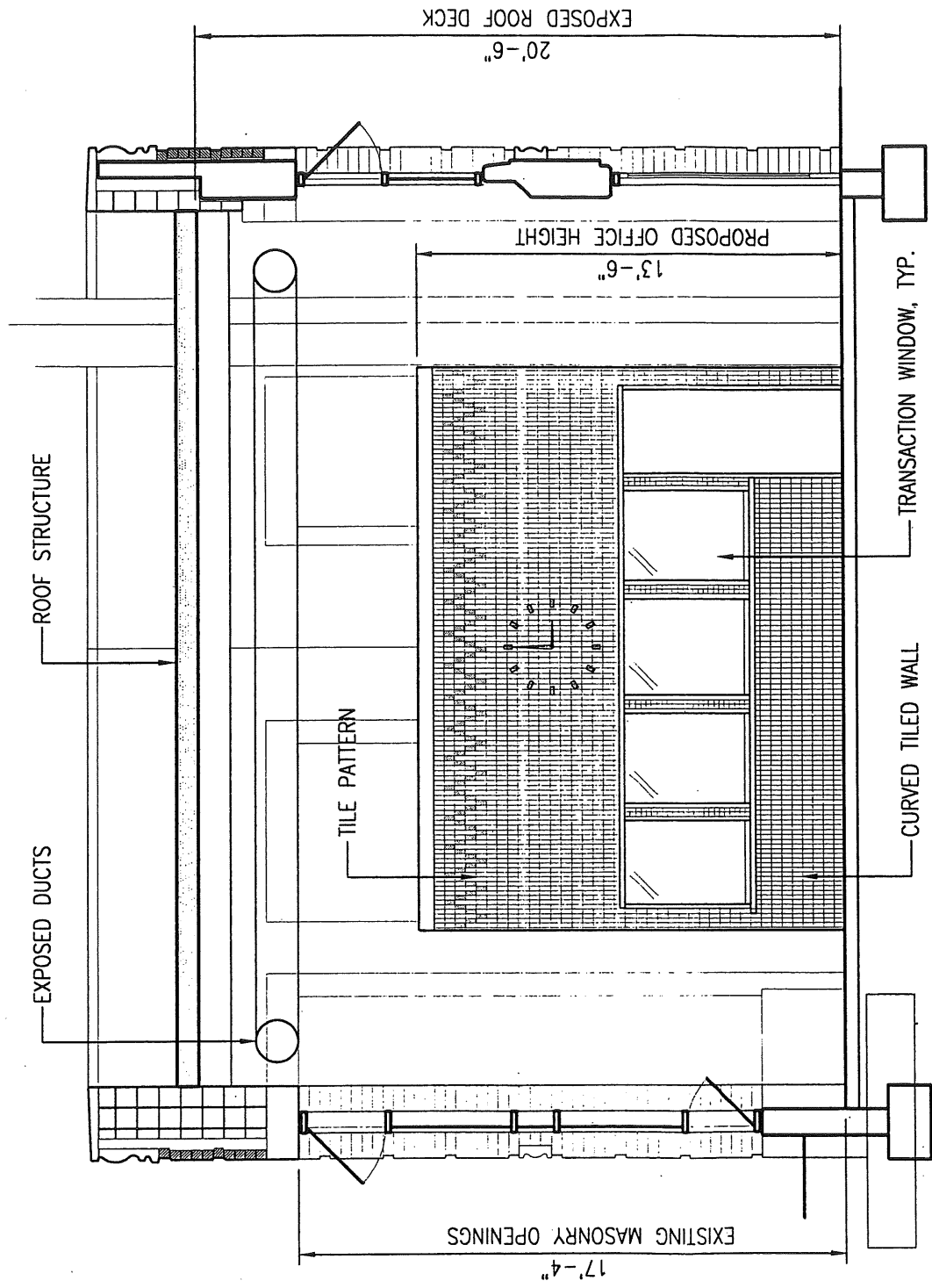
REF: -  
DRAWN BY: SL  
CHK'D BY: FC  
DATE: 04/21/06

PROJ. NO.  
DWG. NO.  
SKA-4  
SHEET OF



1 SECTION @ WAITING AREA

3/16" = 1'-0"



2 SECTION / ELEVATION @ OFFICE

3/16" = 1'-0"



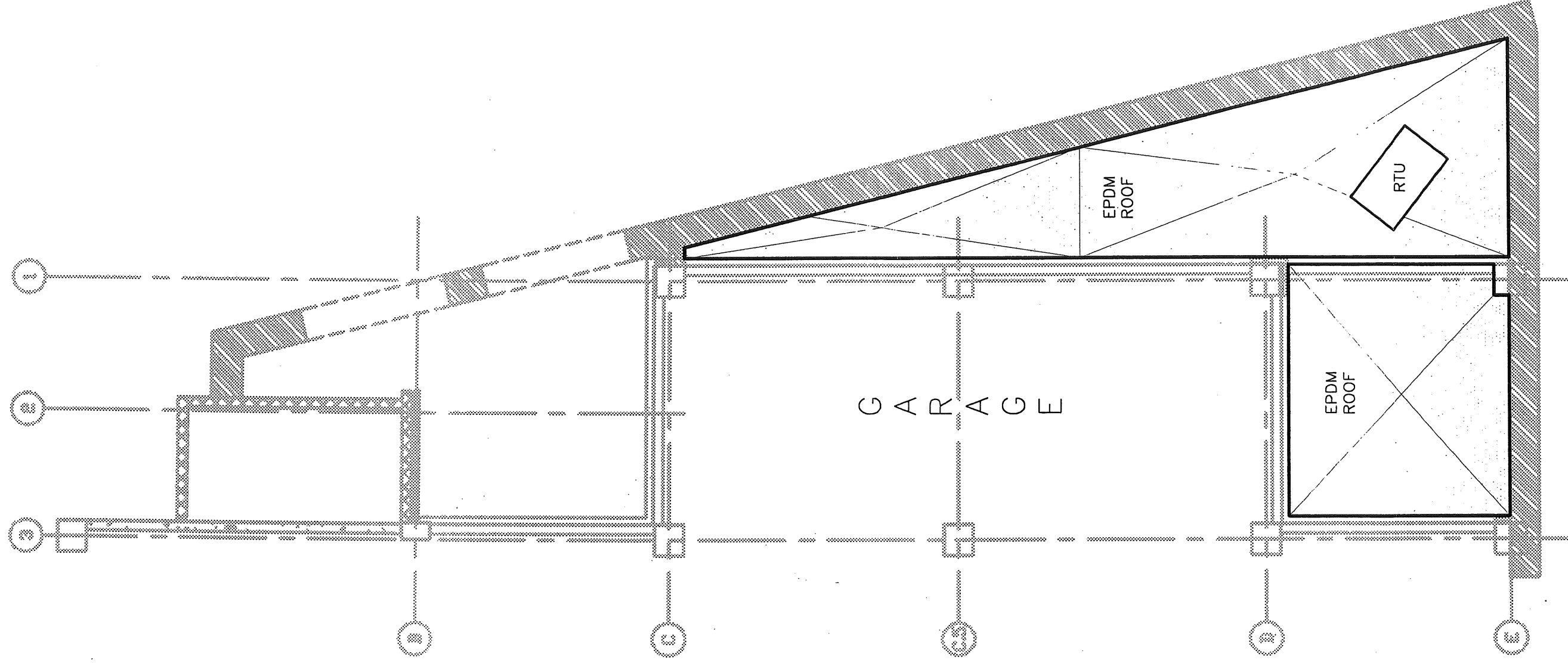
Maguire Group Inc.  
Architects / Engineers / Planners  
33 Commercial Street, Suite #1  
Foxborough, Massachusetts 02035

GREATER PORTLAND TRANSIT DISTRICT  
ELM STREET GARAGE LOBBY  
PARTIAL SECTIONS

REF: -  
DRAWN BY: SL  
CHK'D BY: FC  
DATE: 04/21/06

PROJ. NO.  
DWG. NO. SKA-5  
SHEET OF





**PARTIAL PLAN**

1/8" = 1'-0"

**Maguire Group Inc.**  
 Architects/Engineers/Planners  
 33 Commercial Street, Suite #1  
 Foxborough, Massachusetts 02035



**GREATER PORTLAND TRANSIT DISTRICT**  
**ELM STREET GARAGE LOBBY**

FLOOR PLAN  
 GARAGE LEVEL 3

REF: -

DRAWN BY: SL

CHK'D BY: FC

DATE: 04/21/06

PROJ. NO.

DWG. NO.

**SKA-3**

SHEET OF