

1 Canal Plaza -  
Satellite II Building

PERMIT ISSUED

MAR 30 1982

APPLICATION FOR PERMIT

B.O.C.A. USE GROUP B

B.O.C.A. TYPE OF CONSTRUCTION 2A 50165

ZONING LOCATION ..... PORTLAND, MAINE .. March 22, 1982 CITY of PORTLAND

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

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

LOCATION 1 Canal Plaza - 1st floor Fire District #1  #2

1 Owner's name and address Rizzagalli, Burlington, Vt. Telephone .....

2 Lessee's name and address A. G. Edwards & Son, Inc. - same Telephone .....

3 Contractor's name and address Cimino Constr. - P. O. Box 1627 Telephone 883-5138

Proposed use of building offices No of sheets .....

Last use same No families .....

Material ..... No stories ..... Heat ..... Style of roof ..... Roofing .....

Other buildings on same lot .....

Estimated contractual cost \$ 25,000 Appeal Fees \$ .....

FIELD INSPECTOR - Ms Schmuckal Base Fee 135.00

@ 7 5451

Late Fee .....

TOTAL \$ 135.00

Alterations to 1st floor of building as per plans; 7 sheets of plans. no structural changes.

Stamp of Special Conditions

Send permit to # 3

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

DETAILS OF NEW WORK

Is any plumbing involved in this work? ..... Is any electrical work involved in this work? .....
Is connection to be made to public sewer? ..... If not, what is proposed for sewage? .....
Has septic tank notice been sent? ..... Form notice sent? .....
Height average grade to top of plate ..... Height average grade to highest point of roof .....
Size, front ..... depth ..... No stories ..... solid or filled land? ..... earth or rock? .....
Material of foundation ..... Thickness, top ..... bottom ..... cellar .....
Kind of roof ..... Rise per foot ..... Roof covering .....
No. of chimneys ..... Material of chimneys ..... of lining ..... Kind of heat ..... fuel .....
Framing Lumber—Kind ..... Dressed or full size? ..... Corner posts ..... Sills .....
Size Girder ..... Columns under girders ..... Size ..... Max. on centers .....
Studs (outside walls and carrying partitions) 2x4-16" O. C Bridging in every floor and flat roof span over 8 feet.
Joists and rafters: 1st floor ..... 2nd ..... 3rd ..... roof .....
On centers. 1st floor ..... 2nd ..... 3rd ..... roof .....
Maximum span 1st floor ..... 2nd ..... 3rd ..... roof .....
If one story building with masonry walls, thickness of walls? ..... height? .....

IF A GARAGE

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

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

MISCELLANEOUS

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

Signature of Applicant Philip Doria Phone # same

Type Name of above Philip Doria for Cimino Construction 1  2  3

and Address .....

FIELD INSPECTOR'S COPY APPLICANT'S COPY OFFICE FILE COPY

3 Ms Schmuckal

NOTES

4682 1/10/82 - Trades - Already  
closed in -> HAD NO CALLS  
in MSP - no hearing walls  
5-11-82 - completion - up

Permit No. 827 165  
Location 1 General Plaza  
Owner Pignatelli  
Date of permit 03/22/82  
Approved 3-30-82  
Dwelling Carriage  
Garage  
Alteration to 1st floor

Two large vertical columns of horizontal lines for notes or drawings.



APPLICATION FOR PERMIT

PERMIT ISSUED

B.O.C.A. USE GROUP

00019

1974

B.O.C.A. TYPE OF CONSTRUCTION

ZONING LOCATION PORTLAND, MAINE, Jan. 3, 1974

CITY OF PORTLAND

TO THE DIRECTOR OF BUILDING & INSPECTION SERVICES, PORTLAND, MAINE

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

LOCATION 1 Canal Plaza - Satellite II
Owner's name and address Verrill, Dana, Philbrick, Putnam & Williamsen
Contractor's name and address F.P. & C.H. Murray Box 2297 S. Portland
Estimated contractual cost \$ 12,000.00

FIELD INSPECTOR - Mr. Cartwright
Application is for:
Walling
Garage
Masonry Bldg.
Metal Bldg.
Alterations
Demolition
Change of Use
Other

GENERAL DESCRIPTION
Alterations per plan.

Stamp of Special Conditions

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

PERMIT IS TO BE ISSUED TO 1 2 3 4
Other:

DETAILS OF NEW WORK

Is any plumbing involved in this work? ... Is any electrical work involved in this work? ...
Height average grade to top of plate ... Height average grade to highest point of roof ...
Material of foundation ... Thickness, top ... bottom ... cellar ...
Kind of roof ... Rise per foot ... Roof covering ...
Framing Lumber - Kind ... Dressed or full size? ... Corner posts ... Sills ...
Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.

IF A GARAGE

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

APPROVALS BY: DATE
BUILDING INSPECTION - PLAN EXAMINER
ZONING:
BUILDING CODE: O.M. L.R. 1/3/74
Fire Dept.:
Health Dept.:
Others:

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

Signature of Applicant Wayne Murray Phone # 799-8136
Type Name of above Wayne Murray

FIELD INSPECTOR'S COPY

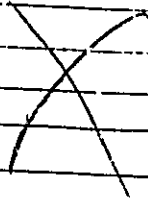
Other and Address

117

01000

NOTES

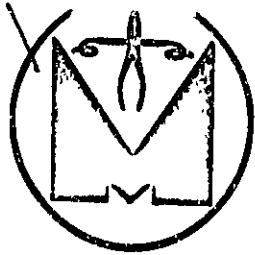
1-9-74 Strapping up with insulation



Permit No. 211  
Location 1000  
Owner  
Date of permit 1/7/74  
Approved

W. B. Brown

Two large vertical columns of horizontal lines for writing notes.



# Milliken Brothers, Inc.

Electrical Contract

474 RIVERSIDE INDUSTRIAL PARKWAY  
PORTLAND, MAINE 04103  
TELEPHONE Area Code 207 797-8375

December 14, 1973

Portland Fire Department  
389 Congress Street  
Portland, Maine 04111

ATTN: Captain Joseph McDonough

RE: Satellite II Building  
Canal Plaza  
Portland, Maine

Dear Sir:

To confirm our conversation of December 11, 1973, we hereby agree that the above referenced building will be zoned by floor as well as equipment shown on present electrical drawings. An annunciator is included to indicate these and present zones, installed remotely in a location to be agreed upon.

Equipment is on order with delivery expected early in 1974. Again, installation will be immediate upon receipt of the equipment.

If this letter is not sufficient to expedite the issuance of permanent occupancy permits, please contact me at this office immediately.

Very truly yours,  
MILLIKEN BROS., INC.

E. Carter Milliken  
Chairman

ECM/ba

CC: Robert Kessel - Pizzzagalli Construction Company

✓ Nelson Gartwright - Office of the Building Inspector

John Sullivan - Verrill, Dana, Putnam, & Williamson



ADDRESS 1 Canal Plaza  
(+ Sat. II)

ROUTING SLIP  
FROM

DEPARTMENT OF BUILDING AND INSPECTION SERVICES

- FIRE DEPARTMENT
- PLANNING BOARD
- RENEWAL
- MAINE WAY
- OTHERS

APPROVED McDonough F.P.B

DISAPPROVED BY REASON OF

(quote section of pertinent ordinance or other governing factors) The fire alarm must be of the zoned type.

SPECIAL COMMENTS The floor or section from which the signal originated must be indicated on the control panel.

KEEP SECOND COPY AND RETURN ORIGINAL TO BUILDING AND INSPECTION SERVICES



# APPLICATION FOR PERMIT

PERMIT ISSUED

B.O.C.A. USE GROUP .....  
B.O.C.A. TYPE OF CONSTRUCTION .....

01436 14 1973

ZONING LOCATION ..... PORTLAND, MAINE, Dec. 12, 1973... CITY OF PORTLAND

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

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

LOCATION . 1. Canal Plaza (SATELITE II) ..... Fire District #1 , #2   
1. Owner's name and address Verrill, Dana, Philbrick, Putnam & Williamson ..... Telephone .....  
2. Lessee's name and address ..... 474 1 Canal Plaza ..... Telephone .....  
3. Contractor's name and address Milliken Bros., Riverside Ind. Pkwy. .... Telephone .....  
4. Architect ..... Specifications ..... Plans ..... No. of sheets .....  
Proposed use of building .. bank & offices ..... No. families .....  
Last us. .... No. families .....  
Material ..... No. stories ..... Heat ..... Style of roof ..... Roofing .....  
Other buildings on same lot .....  
Estimated contractual cost \$ ..... Fee \$ 5.00

FIELD INSPECTOR—Mr. Cartwright ..... GENERAL DESCRIPTION belongs to .....  
This application is for: @ 775-5451 to install fire alarm system .....  
Ext. 234  
Dwelling .....  
Garage .....  
Masonry Bldg. X. 4000 .....  
Metal Bldg. ....  
Alterations .....  
Demolitions .....  
Change of Use .....  
Other .....

Stamp of Special Conditions  
Zoned System

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

PERMIT IS TO BE ISSUED TO 1  2  3  4   
Other: .....

### DETAILS OF NEW WORK

Is any plumbing involved in this work? ..... Is any electrical work involved in this work? ... YES .....  
Is connection to be made to public sewer? ..... If not, what is proposed for sewage? .....  
Has septic tank notice been sent? ..... Form notice sent? .....  
Height average grade to top of plate ..... Height average grade to highest point of roof .....  
Size, front ..... depth ..... No. stories ..... solid or filled land? ..... earth or rock? .....  
Material of foundation ..... Thickness, top ..... bottom ..... cellar .....  
Kind of roof ..... Rise per foot ..... Roof covering .....  
No. of chimneys ..... Material of chimneys ..... of lining ..... Kind of heat ..... fuel .....  
Framing Lumber—Kind ..... Dressed or full size? ..... Corner posts ..... Sills .....  
Size Girder ..... Columns under girders ..... Size ..... Max. on centers .....  
Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet.  
Joists and rafters: 1st floor ..... 2nd ..... 3rd ..... roof .....  
On centers: 1st floor ..... 2nd ..... 3rd ..... roof .....  
Maximum span: 1st floor ..... 2nd ..... 3rd ..... roof .....  
If one story building with masonry walls, thickness of walls? ..... height? .....

### IF A GARAGE

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

APPROVALS BY: NFC DATE: 12/14/73 MISCELLANEOUS  
BUILDING INSPECTION—PLAN EXAMINER ..... Will work require disturbing of any tree on a public street? ..  
ZONING: .....  
BUILDING CODE: .....  
Fire Dept.: Mc. Donous, L. F.P.B. .... Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? .....  
Health Dept.: .....  
Others: .....

Signature of Applicant Carter Milliken Phone # 797-1643  
PORTLAND FIRE DEPT. Type Name of above Carter Milliken ..... 1  2  3  4   
REC'D 12-18-73 FIELD INSPECTOR'S COPY  
RETURNED 12-14-73  
BY .....



NOTES

08110

H-12-74. Completed & checked  
by Capt Miller & VFE

*[Large handwritten mark, possibly a stylized 'X' or signature]*

Permit No. 73/436  
Location General Motors  
Owner Setonite II  
Date of permit 12/14/73  
Approved

*Miller*

12-14-73

BY  
DATE

(COPY)

CITY OF PORTLAND, MAINE  
Department of Building Inspection



### Certificate of Occupancy

Issued to **Verrill, Dana, Philbrick** LOCATION **1 Canal Plaza - Satellite II**  
**Putman & Williamson, 1 Canal Plaza** Date of Issue **April 12, 1974**

This is to certify that the building, premises, or part thereof, at the above location, built—altered—changed as to use under Building Permit No. **72/1203**, has had final inspection, has been found to conform substantially to requirements of Zoning Ordinance and Building Code of the City, and is hereby approved for occupancy or use, limited or otherwise, as indicated below.

PORTION OF BUILDING OR PREMISES

**entire**

APPROVED OCCUPANCY

**four (4) story office building.**

Limiting Conditions.

This certificate supersedes  
certificate issued

Approved:  
**4/12/74 Nelson F. Cartwright**  
(Date) Inspector

Inspector of Buildings

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



B3 BUSINESS ZONE

# APPLICATION FOR PERMIT

Class of Building or Type of Structure \_\_\_\_\_  
Portland, Maine, August 17, 1971

PERMIT ISSUED

OCT 5 1971  
01203

CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

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

Location 1 Canal Plaza Sect II Within Fire Limits? \_\_\_\_\_ Dist. No. \_\_\_\_\_  
 Owner's name and address Verrill, Dana, Philbrick, Putnam & Williamson Telephone \_\_\_\_\_  
Exchange St. Telephone \_\_\_\_\_  
 Lessee's name and address \_\_\_\_\_ Telephone \_\_\_\_\_  
 Contractor's name and address Pizzagalli Constr., 1 Joy Drive, Telephone \_\_\_\_\_  
Burlington, Vt. No. of sheets \_\_\_\_\_  
 Architect \_\_\_\_\_ Specifications \_\_\_\_\_ Plans \_\_\_\_\_  
 Proposed use of building offices No. families \_\_\_\_\_  
 Last use \_\_\_\_\_ No. families \_\_\_\_\_  
 Material \_\_\_\_\_ No. stories \_\_\_\_\_ Heat \_\_\_\_\_ Style of roof \_\_\_\_\_ Roofing \_\_\_\_\_  
 Other buildings on same lot \_\_\_\_\_ Fee \$ 1,700.  
 Estimated cost \$ 556,540.

### General Description of New Work

To construct 90'x100' 4 story office bldg as per plans

PERMIT ISSUED  
WITH LETTER

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

### Details of New Work

14 Exchange St. Portland, Me.

Is any plumbing involved in this work? \_\_\_\_\_ Is any electrical work involved in this work? \_\_\_\_\_  
 Is connection to be made to public sewer? \_\_\_\_\_ If not, what is proposal for sewage? \_\_\_\_\_  
 Has septic tank notice been sent? \_\_\_\_\_ Form notice sent? \_\_\_\_\_  
 Height average grade to top of plate \_\_\_\_\_ Height average grade to highest point of roof \_\_\_\_\_  
 Size, front \_\_\_\_\_ depth \_\_\_\_\_ No. stories \_\_\_\_\_ solid or filled land? \_\_\_\_\_ earth or rock? \_\_\_\_\_  
 Material of foundation \_\_\_\_\_ Thickness, top \_\_\_\_\_ bottom \_\_\_\_\_ cellar \_\_\_\_\_  
 Kind of roof \_\_\_\_\_ Rise per foot \_\_\_\_\_ Roof covering \_\_\_\_\_  
 No. of chimneys \_\_\_\_\_ Material of chimneys \_\_\_\_\_ of lining \_\_\_\_\_ Kind of heat \_\_\_\_\_ fuel \_\_\_\_\_  
 Framing Lumber-Kind \_\_\_\_\_ Dressed or full size? \_\_\_\_\_ Corner posts \_\_\_\_\_ Sills \_\_\_\_\_  
 Size Girder \_\_\_\_\_ Columns under girders \_\_\_\_\_ Size \_\_\_\_\_ Max. on centers \_\_\_\_\_  
 Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof sp an over 3 feet.  
 Joists and rafters: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
 On centers: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
 Maximum span: 1st floor \_\_\_\_\_, 2nd \_\_\_\_\_, 3rd \_\_\_\_\_, roof \_\_\_\_\_  
 If one story building with masonry walls, thickness of walls? \_\_\_\_\_ height? \_\_\_\_\_

### If a Garage

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

### Miscellaneous

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

APPROVED:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Pizzagalli Construction Co.

CS 301

INSPECTION COPY

Signature of owner

By:

*[Signature]*

NOTES

Closing in going on

12-18-73 Before

Final

✓ Exit lights

✓ Door Hdw.

✓ Fire alarm

4/12/74

Completed 40

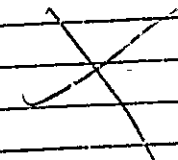
C of A

C/O removal 4/12/74

Permit No. 791 1973  
 Location 1 Canal Plaza  
 Owner Jess O'Connell  
 Date of permit 12/5/72  
 Notif. closing-in  
 Insp. closing-in  
 Final Notif.  
 Final Insp.  
 Cert. of Occupancy issued  
 Posting Out Notice NELSON  
 Form Check Notice

Amend #1 To change  
 placement layout  
 + add dumb waiter  
 to 1st floor etc

N/A



1 Canal Plaza (Satellite 2)

Oct. 2, 1972

Mr. Robert Kessell  
14 Exchange Street

cc to: Verrill, Dana, Philbrick,  
Putnam & Williamson  
7 Exchange Street

Dear Mr. Kessell:

cc to: Pizzagalli Construction,  
Joy Drive, Burlington, Vt.

Building permit to construct a 4-story office building 90'x100' at the above named location is being issued subject to plans received with the application and in compliance with the following Building Code requirements:

1. Separate permits are needed for; the dust walter, oil-fired furnace, air-conditioning system, underground oil tanks and for any signs for this building. *OK*
2. Any change in the sidewalk or curb cuts will require approval of the Traffic Engineer located in the Public Works Department. *OK*
3. The lobby on the first floor will need separations of at least one hour rating or some other approved arrangement that is satisfactory to the Director of the Building Inspection Services.
4. The second means of egress located in the basement of this building leading to the outside will need separations of at least one hour fire resistance with labelled fire doors. (Sec. 402.5.1.B).
5. Will there be only one occupancy on the second and third floors? If there is to be more than one on any given floor, then we will need new plans and an amendment filed here at this office to see that all proper exits are provided for each use. All areas accommodating more than 20 persons, the location of all means of egress, except those habitually used as entrances, shall be indicated by exit signs, directional or otherwise, as may be required to point the way to a place of public safety (Sec. 504.5.4).
6. All doors serving as means of egress including the main entrance door shall be equipped with anti-panic hardware. (Sec. 402.5.2.3)

We will need to know before the doors in the elevator are installed that they are labelled by a qualified labelling agent. See plans A-5 and A-7.

Very truly yours,

A. Allan Soule  
Assistant Director

AAS:m

1518 11 0

Satellite

Bldg. No. 2 - Canal Bldg MAJOR BUILDINGS CHECK LIST  
P122

Location \_\_\_\_\_ Date 8/23/72

→ Permit in hand number? \_\_\_\_\_ Check by: Allan

Letter	OK	ITEMS	COMMENTS
		CURB AND SIDEWALK ORDINANCE	
	✓	ZONING	
	✓	BUILDING CODE	
	✓	In Fire District?	Yes - 1st Class - 0.4
	✓	Once over plans and specifications	
	✓	Class of construction	1st Class
	✓	Statement of design	? - million \$ off
	✓	Signs and marquees - or other projections over public sidewalks requiring separate permits	
		Determine classes of use	Office bldg
	✓	General requirements	
		All other classes of use	
		Open parking structures	
	✓	Outdoor swimming pools	
	✓	Class of construction-if in fire district check requirements	
	✓	Maximum height	
	✓	Maximum area between exterior or fire walls - sprinkler system?	
	✓	Fire separation	
	✓	1. Parapet walls	
	✓	2. Fire doors	
		3. Shutters and windows - note special classes of use - also requirements from fire districts	
	✓	Fireproofing steel and concrete reinforcement	
	✓	Chimneys, flues and stack linings and cleanouts	
		1. Prefab chimneys	
		2. Gas vents	
		Design features	
	✓	1. Foundations including footings	
		2. Retaining walls	
		3. Piers	
	✓	4. Posts - pipes	
		5. Tiles	
		6. No-cinder blocks or blocks below grade	
		7. Masonry walls and partitions	
		8. Cornice and fire stops at wood furring	
		9. Bonding - solid, hollow, cavity and veneer walls of masonry or frame	
		10. Lateral support	
		11. Unsupported height of piers	
		12. Concrete - in freezing weather and under water	
		13. Steel and iron	
		a. Pipe columns	
		b. Jack columns	

Now is checked looked to wall - Bob SVV O.K. See magazine AmSpec

Satellite II Building

Two Canal Plaza

March 11, 1974

Pizzagalli Construction Company  
One Canal Plaza

cc to: Verrill Dana Philbrick  
Putnam & Williamson,  
Att: Louis A. Wood,  
cc to: Maine Savings Bank  
cc to: Fire Department

Gentlemen:

Please consider this letter as a temporary certificate of occupancy for the entire Satellite Two Building. The building is substantially completed, and as soon as the Fire Alarm System, now enclosed in the lower electrical room is properly zoned and relocated ~~near~~ *the front side* entrance to the satisfaction of the Portland Fire Department, the final certificate of occupancy may be issued.

*OK*  
*Robert Miller*  

---

*4/12/74*

Very truly yours,

Nelson F. Cartwright  
Building & Mechanical Inspector

NFC:m

Canal Plaza  
Satellite # 2

Dec. 21, 1973

Fizzagalli Construction Company  
1 Canal Plaza (5th Floor)  
Att: Mr. Robert K. Kessel

Dear Mr. Kessel:

Please consider this letter as a temporary certificate of occupancy until such time as the fire alarm system can be zoned according to requirements of this department and the Fire Department.

Very truly yours,

Nelson F. Cartwright  
Building Inspector

NFC:fm





**PIZZAGALLI CONSTRUCTION COMPANY**  
JOY DRIVE/SOUTH BURLINGTON, VERMONT 05401  
802/658-4100

December 18, 1973

Mr. Nelson F. Cartwright  
Mechanical Inspector  
City of Portland, Maine

Dear Mr. Cartwright:

This letter serves as a reiteration of our conversation by phone this past Friday relative to Certificate of Occupancy for the Satellite II Building (Two Canal Plaza).

As I told you, the Peat Marwick & Mitchell people will be moving into the building on the 21st of December and open for business to the public on Wednesday, December 26th.

You have indicated to me that you will issue a temporary Certificate of Occupancy, since you have inspected the building and you find no problem at this time. I am aware, however, that a new permit was required by Milliken Brothers for the fire alarm system which has been taken out last week. You did indicate to me that this would not hold up the Certificate of Occupancy as long as Milliken Brothers proceeded the installation with dispatch.

Sincerely,

Robert K. Kessel  
Project Manager  
Portland Office

RKK/lt

cc: Mr. Robert L. Adam  
Mr. John L. Sullivan  
Mr. Robert W. Gleason  
Mr. E. Carter Milliken

CONSOLIDATED CONSTRUCTORS AND BUILDERS, INC.  
P. O. BOX 4086, STATION A  
616 CONGRESS STREET, PORTLAND, MAINE 04101

207 774-2626

August 3, 1973

Mr. Anthony Belluschi  
Belluschi/Jung/Trancon Associates, Inc.  
665 Boylston Street  
Boston, Massachusetts 02116

Re: Maine Savings Bank Plaza  
Portland, Maine

Dear Sir:

Enclosed is one copy of Jordan Worrill report of field density tests, dated August 2, 1973.

The tests confirm that our underslab drainage fill meets the specified 95 per cent density requirement.

Areas that did not have the specified compaction were reworked by removing and recompacting material until acceptable.

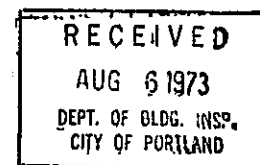
Very truly yours,

CONSOLIDATED CONSTRUCTORS AND BUILDERS, INC.

*Peter L. Sullivan*  
Peter L. Sullivan

F2S:pb

CC: A. Garfinkel w/encl.  
H. Cutler w/encl.  
~~A. L. Brown~~ w/encl.  
D. Curless w/encl.



FFF

FREEMAN · FRENCH · FREEMAN · ARCHITECTS  
BURLINGTON VERMONT 05401 (802) 864-6844

May 15, 1973

City Building Inspector  
City Hall  
389 Congress Street  
Portland, Maine 04111

Re: Project No. 1618-C  
Satellite Two Bldg.  
Canal Plaza, Portland

Attn: Mr. R. Lovell Brown

Gentlemen:

This letter is to confirm our conversation of Friday, May 11th in your office with regard to the second Basement stairway in the Satellite Two Building.

We were advised that the second stairway from the basement would be acceptable to your office as shown on our drawing dated Revised 5-4-73.

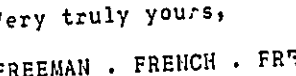
An exit sign is to be provided that will clearly mark the Lobby stairwell door as the main exit from the stairway. This exit sign should be illuminated and be made as prominent as possible. The exit sign is to be submitted to your office for approval.

We have enclosed Sheet A-1, dated Revised 5-4-73 as a formal amendment to the drawings already submitted to your office.

Please advise us if there is additional information that you require for the lay-out of the Satellite Bldg.

Very truly yours,

FREEMAN · FRENCH · FREEMAN

  
William M. Yaff, AIA  
Partner

cc: Mr. R. Kessel  
Mr. R. Bouchard  
Mr. R. Gleason  
Mr. J. Sullivan

/dc  
Enclosure



**FFF**

FREEMAN · FRENCH · FREEMAN · ARCHITECTS  
BURLINGTON VERMONT 05401 (802) 864-6844

August 7, 1972

These plans (Sheets S-1 to S-6 including S-2A) and specifications, covering the erection of Satellite Two Building, Canal Plaza, Portland, Maine, have been designed and drawn up by the undersigned according to the latest rules of engineering practice and to comply with the allowable working stresses, floor loads, etc., required by the Building Code of the City of Portland.

(Signature) *Lloyd B. Row*  
Lloyd B. Row, P.E.  
Struct. Engineer

**FFF**

FREEMAN · FRENCH · FREEMAN · ARCHITECTS  
BURLINGTON VERMONT 05401 (802) 864-6844

May 15, 1972

These plans (Sheets S-1 to S-8) and specifications, covering the erection of Canal Bank Building, Canal Plaza, Portland, Maine, have been designed and drawn up by the undersigned according to the latest rules of engineering practice and to comply with the allowable working stresses, floor loads, etc., required by the Building Code of the City of Portland.

(Signature)

*Lloyd B. Durbrow*

Lloyd B. Durbrow, P.E.  
Structural Engineer

Florida Avenue  
Bangor International Airport  
Bangor, Maine 04401  
207-947-0172

JORDAN GORRILL ASSOCIATES  
Consulting Engineers

379 Congress Street  
(Lab at 116 Pearl Street)  
Portland, Maine 04111  
207-774-0313

Date: August 22, 1973

Job Number: P-39 (7202483C)

Project: Canal Plaza - Satellite Two Building

Client: Pizzagalli Construction

Placement: Slab on grade ('A' to 'C') ('3'+12' to '5') and ('B'+15' to 'C') ('3'-5' to '3'+12')

Date: Received: 8-17-73  
Made: 8-15-73  
Tested: 8-22-73

Supplier: Cook Concrete Co.  
Mixer # 38  
Ticket # 50305  
Load # 3

Age: 7 Days

Placement: 32 ± cubic yards

Storage:  
Job Site 2 day (s)  
Lab: Lime Solution 5 days  
Other days

Materials:  
C Type II\*  
FA  
CA 3/4"\*  
Admix

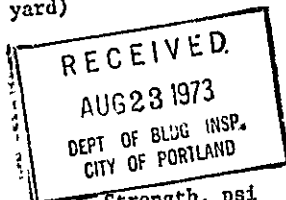
Specimen Dimensions: 6" dia. x 12" length

W/C Ratio:

Temperatures:  
Air: 76°  
Concrete:

Mix (per cubic yard)  
C  
FA  
CA  
Admix

Slump: 3 3/4"



Air:

Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-7A		5	85.5	3,020
SAT-37B		5	85.0	3,010

Remarks: overcast.

Condition of Specimen:

Average Strength: 3,015 psi

Types of Break: 1 2 3 4 5 6 7 8 9 10 11 12

Estimated Strength: psi @ Days (See Below)

Jordan Gorrill Associates  
By: *[Signature]*

\*Indicates data furnished by others:

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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CITY OF PORTLAND, MAINE  
BUILDING AND INSPECTION DEPARTMENT  
ROOM 113, CITY HALL

WRMG  
Area Code 207  
Tel. 774-8221  
Ext. 234

725-5457

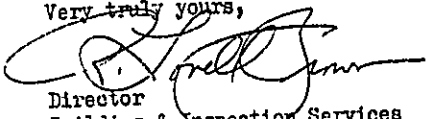
PROJECT Canal Bank + Sat II  
LOCATION Canal Plaza Union & Middle St's.  
General Contractor Pizzagalli Construction  
Address 109 Drive Burlington Vt.

Gentlemen:

In order that the Building Inspection Services of the City of Portland, Maine may coordinate and more efficiently serve your interests, will you kindly fill out and forward us the information listed below concerning all sub-contractors expected to work on the above project:

PLUMBING Acme Engineering - Exchange St. <sup>Portland</sup> Me.  
ELECTRICAL Milliken Bros. 64 Cross St. <sup>Portland</sup> Me.  
HEATING H. Hitt. Co. Burlington Vt.  
VENTILATION " "  
OIL, GAS TANKS Acme  
KITCHEN EQUIPMENT & VENTILATION \_\_\_\_\_  
SPRINKLERS Acme  
FIRE ALARM Milliken Bros.  
SIGNS Pizzagalli

Permits for above work are issued by this department only to the actual installers and sub-contractors should be advised by the general contractor that they must apply for separate permits for their work.

Very truly yours,  
  
Director  
Building & Inspection Services



# CONSTRUCTION PROGRESS REPORT

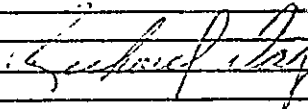
PROJECT Canal Plaza Satellite Two Building WEEK ENDING 2-10-73  
CONTRACTOR Pizzagalli Construction JORDAN GORRILL ASSOC.  
SUPERINTENDENT George Smith INSPECTOR Richard Day

## SUMMARY OF DAILY ACTIVITIES

2-5-73 (Mon.) 40's - Clear

Arrived on the job for the placement of foundation wall on line 'A' and line '1'. Test cylinders #SAT-13A, B, C and D were made from truck #44, ticket #44729, load #2, slump + 1/2", concrete temperature 62°. A total of 26 cu. yds. of 1" blend, 3,000 psi concrete, with 1% calcium chloride was placed this day with no problems encountered.

JORDAN GORRILL ASSOCIATES



Richard Day, Inspector

Florida Avenue  
of International Airport  
Bangor, Maine 04401  
207-947-0172

JORDAN CORRILL ASSOCIATES  
Consulting Engineers

379 Congress Street  
(Lab at 116 Pearl Street)  
Portland, Maine 04111  
207-774-0313

Job Number: 7-30 (7307A822)

Date: February 12, 1973

Project: \_\_\_\_\_

Client: \_\_\_\_\_

Placement: \_\_\_\_\_

Date Received: 2-6-73  
Made: 2-5-73  
Tested: 2-12-73

Supplier: Cook Concrete Co.  
Mixer # A4  
Ticket # 44729  
Load # 2

Age: 7 Days

Placement: 26+ cubic yards

Storage:  
Job Site 1 day (a)  
Lab: Lime Solution 6 days  
Other days

Materials:  
C Type II\*  
FA  
CA 1" Blend\*  
Admix

Specimen Dimensions: 6" dia. x 12" length

Temperatures:  
Air: 40°F  
Concrete: 62°F

W/C Ratio:

Slump: 4 1/2"

Mix (per cubic yard)  
C  
FA  
CA  
Admix

Air:

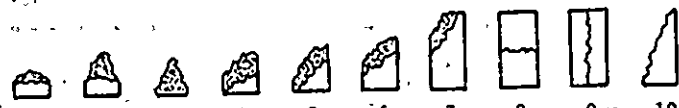
Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAR-11A		7	78.3	2,780
SAR-11B		6	79.5	2,810

Remarks:

Condition of Specimen:

Average Strength: 2,795 psi

Types of Break:  1 2 3 4 5 6 7 8 9 10 11 12

Estimated Strength: \_\_\_\_\_ psi @ \_\_\_\_\_ Days (See Below) Jordan Corrill Associates

\*Indicates data furnished by others:

By: \_\_\_\_\_

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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 207-947-0172

JORDAN GORRILL ASSOCIATES  
 Consulting Engineers

379 Congress Street  
 (Lab at 116 Pearl Street)  
 Portland, Maine 04111  
 207-774-0313

Job Number: 72071570

Date: February 16, 1973

Project: Central Plaza Satellite Bldg Building

Client: Pyramallia Construction

Placement: at bottom of south foundation wall

Date: Received: 1-21-73  
 Made: 1-19-73  
 Tested: 2-16-73

Supplier: Cook Concrete Co.  
 Mixer # 50  
 Ticket # 44561  
 Load # 3

Age: 28 Days

Placement: 33+ cubic yards

Storage:  
 Job Site 3 day (s)  
 Lab: Lime Solution 25 days  
 Other          days

Materials:  
 C Type 11\*  
 FA           
 CA 1" Blend\*  
 Admix         

Specimen Dimensions: 6" dia. x 12" l. h

W/C Ratio:

Temperatures:  
 Air: 47°  
 Concrete: 56°

Mix (per cubic yard)

Slump: 6 1/2"

C  
 FA  
 CA  
 Admix

Air:


Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-11C		6	102.5	3,030
SAT-11D		10	102.0	2,910

Remarks:

Condition of Specimen:

Average Strength: 3,020 psi

Types of Break:  1 2 3 4 5 6 7 8 9 10 11 12

Estimated Strength:          psi @          Days (See Below)

Jordan Gorrill Associates

\*Indicates data furnished by others:

By:         

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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JORDAN GORRILL ASSOCIATES  
Consulting Engineers

379 Congress Street  
(Lab at 116 Pearl Street)  
Portland, Maine 04111  
207-774-0313

Job Number: 99 (71074970)

Date: February 20, 1973

Project: Canal Slabs - Satellite Two Building

Client: Biopack 114 Construction

Placement: Exposed wall between R-5 and 4-5 and between 1-5 and 2-5

Date: Received: 1-24-73  
Made: 1-23-73  
Tested: 2-20-73

Age: 28 Days

Storage:  
Job Site 1 day (s)  
Lab: Lime Solution 27 days  
Other days

Specimen Dimensions: 6" dia. x 12" length

Temperatures:  
Air: 40°  
Concrete: 68°

Slump: 3 3/4"

Air:


Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
9AT-12C		4	110.0	3,690
9AT-12D		5	112.5	3,980

Remarks:

Condition of Specimen:

Average Strength: 3,935 psi

Types of Break:  1 2 3 4 5 6 7 8 9 10 11 12

Estimated Strength: psi @ Days (See Below)

\*Indicates data furnished by others:

By: \_\_\_\_\_

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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JORDAN GORRILL ASSOCIATES  
Consulting Engineers

379 Congress Street  
(Lab at 116 Pearl Street)  
Portland, Maine 04111  
207-774-0313

Job Number: P-19 (7202483C)

Date: February 21, 1973

Project: Canal Piers - Satellite Two B-11-Max

Client: Pizzocelli Construction

Placement: Foundation wall from column C-1 to D-1 and from D-1 to D-3.

Date: Received: 2-16-73  
Made: 2-14-73  
Tested: 2-21-73

Supplier: Cook Concrete Co.  
Mixer # 40  
Ticket # 44236  
Load # 4

Age: 7 Days

Placement: 50+ cubic yards

Storage:

Job Site 2 day (s)  
Lab: Lime Solution 3 days  
Other 3 days

Materials:

C  
FA Type 110  
CA  
Admix 1" Blend\*

Specimen Dimensions: 6" dia. x 12" length

Temperatures:

Air: 40's  
Concrete: 52°

W/C Ratio:

Mix (per cubic yard)

C  
FA  
CA  
Admix

Slump: 4 1/2"

Air:

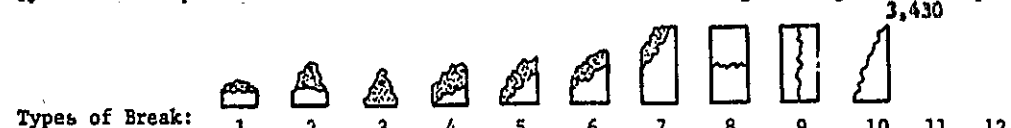
Design Requirements: 3,000psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-14A		10	99.0	3,500
SAT-14a		6	95.0	3,360

Remarks:

Condition of Specimen:

Average Strength: 3,430 psi



Estimated Strength: psi @ Days (See Below) Jordan Gorrill Associates

\*Indicates data furnished by others:

By: \_\_\_\_\_

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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Florida Avenue  
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JORDAN GORRILL ASSOCIATES  
Consulting Engineers

379 Congress Street  
(Lab at 116 Pearl Street)  
Portland, Maine 04111  
207-774-0313

Job Number: B-10 (7707432) Date: March 9, 1973

Project: Canal Plaza - Rehabilitation Two Buildings

Client: Massachusetts Construction

Placement: Foundation Wall (on 1st floor and 2nd floor)

Date: Received: 2-6-73  
Made: 2-5-73  
Tested: 3-5-73  
Age: 28 Days

Supplier: Cook Concrete Co.  
Mixer # 44  
Ticket # 44729  
Load # 2  
Placement: 26+ cubic yards

Storage:  
Job Site 1 day (s)  
Lab: Lime Solution 27 days  
Other days

Materials:  
C Type II\*  
FA  
CA 1" Blend\*  
Admix

Specimen Dimensions: 6" dia. x 12" length

Temperatures:  
Air: 40°  
Concrete: 62°

W/C Ratio:  
Mix (per cubic yard)  
C  
FA  
CA  
Admix

Slump: 4 1/2"  
Air:

Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-13C		6	116.5	4,120
SAT-13D		6	114.0	4,030

Remarks:

Condition of Specimen: Average Strength: 4,075 psi



Types of Break: 1 2 3 4 5 6 7 8 9 10 11 12  
Estimated Strength: psi @ Days (See Below) Jordan Gorrill Associates

\*Indicates data furnished by others: By: \_\_\_\_\_

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

Florida Avenue  
Portland International Airport  
Bangor, Maine 04401  
207-947-0172

JORDAN GORRILL ASSOCIATES  
Consulting Engineers

379 Congress Street  
(Lab at 116 Pearl Street)  
Portland, Maine 04111  
207-774-0313

Job Number: P-33 (7707499C)

Date: March 8, 1973

Project: Coast Plaza - Satellite Two building

Client: Signal Construction

Placement: Worked for retaining wall at 1st floor level - east elevation

Date: Received: 3-2-73  
Made: 3-1-73  
Tested: 3-8-73

Age: 7 Days

Supplier: Cook Concrete Co.  
Mixer # 41  
Ticket # 45119  
Load # 2  
Placement: 19+ cubic yards

Storage:  
Job Site 1 day (s)  
Lab: Lime Solution 6 days  
Other days

Materials:  
C Type II\*  
FA  
CA 1" Blend\*  
Admix Maracon, Calcium Chloride\*

Specimen Dimensions: 6" dia. x 12" length

Temperatures:  
Air: 30°  
Concrete: 67°

W/C Ratio:

Slump: 4 1/2"

Mix (per cubic yard)  
C  
FA  
CA  
Admix

Air:

Design Requirements: 3,000psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-15A		6	100.3	3,550
SAT-15B		6	101.0	3,570

Remarks:

Condition of Specimen:

Average Strength: 3,560 psi

Types of Break:   
Estimated Strength: psi @ Days (See Below) Jordan Gorrill Associates

\*Indicates data furnished by others:

By: [Signature]

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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JORDAN GORRILL ASSOCIATES  
Consulting Engineers

379 Congress Street  
(Lab at 116 Pearl Street)  
Portland, Maine 04111  
207-774-0313

Job Number: 2-33 (12024033)

Date: April 6, 1973

Project: Terminal B - Satellite Two Building

Client: Jordan Gorrill Associates

Placement: 2 - Slab on grade - permanent form.

Date Received: 4-2-73  
Made: 3-30-73  
Tested: 4-6-73

Age: 7 Days

Supplier: Cook Concrete Co.  
Mixer # 48  
Ticket # 53700  
Load # 2  
Placement: 14+ cubic yards

Storage:  
Job Site  
Lab: Lime Solution 3 day (s)  
Other 4 days

Materials:  
C  
FA Type II\*  
CA 3/4"  
Admix

Specimen Dimensions: 6" dia. x 12" length

Temperatures:  
Air: 30°  
Concrete: 68°

W/C Ratio:  
Mix (per cubic yard)  
C  
FA 6 1/2 bags\*  
CA  
Admix

Slump: 3"

Air:

Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
HAT-19A		6	68.3	2,350
HAT-19B		6	64.0	2,260

Remarks:

Condition of Specimen:

Average Strength: 2,305 psi

Types of Break:   
1 2 3 4 5 6 7 8 9 10 11 12

Estimated Strength: psi @ Days (See Below) Jordan Gorrill Associates

\*Indicates data furnished by others:

By: [Signature]

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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Consulting Engineers

379 Congress Street  
(Lab at 116 Pearl Street)  
Portland, Maine 04111  
207-774-0313

Job Number: 33 (7202/330)

Date: April 13, 1973

Project: Grand Place Cabaret Two Buildings

Client: Franklin Construction

Placement: Foundation wall on 'D' line from '3' to '4' line also retaining wall on

'3' line from '2' to '3' line plus along Bank Building 'A' line from line '7' to '7'+40'.

Date Received: 3-19-73 Supplier: Cook Concrete Co.  
Made: 3-16-73 Mixer # 43  
Tested: 4-13-73 Ticket # 45361  
Age: 28 Days Load # 4

Placement: 32 cubic yards

Storage:  
Job Site 3 day (s)  
Lab: Lime Solution 25 days  
Other 25 days

Materials:  
C  
FA Type II\*  
CA  
Admix 1" Blend\*  
Maracou\*

Specimen Dimensions: 6" dia. x 12" length

Temperatures:  
Air: 48°  
Concrete:

W/C Ratio:  
Mix (per cubic yard)  
C  
FA  
CA  
Admix

Slump: 6"

Air:

Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-16C		6	101.5	3,590
SAT-16D		6	98.5	3,480

Remarks:

Condition of Specimen:

Average Strength: 3,535 psi

Types of Break:   
1 2 3 4 5 6 7 8 9 10 11 12

Estimated Strength: psi @ Days (See Below) Jordan Gorrill Associates

\*Indicates data furnished by others:

By: [Signature]

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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# CONSTRUCTION PROGRESS REPORT

PROJECT Canal Plaza - Satellite Two Building WEEK ENDING 4-7-73  
 CONTRACTOR Pizzagalli Construction JORDAN GORRILL ASSOC.  
 SUPERINTENDENT George Smith INSPECTOR Durwood A. Bragg  
Richard E. Day

## SUMMARY OF DAILY ACTIVITIES

4-6-73 (Fri.) Fair, Windy 52°

Mr. Day arrived on the job and inspected the rebar for the second level structural slab from column line 'A' to line 'B'+18' between column line '1' and line '5'. All rebar size, number, grade and placement O.K. Mr. Bragg relieved Mr. Day and inspected the concrete placement. Test cylinders #SAT-20A, B, C and D were made from load #6, truck #44, ticket #53742, slump 4 3/4", air content 5.6%, concrete temperature 50° and wet density 119.8 pcf. A total of 68.5+ cubic yards of 3/4", 3,000 psi lightweight concrete were placed in the above mentioned area with no problems encountered.

JORDAN GORRILL ASSOCIATES

*Richard E. Day*

Richard E. Day, Inspector

*Durwood A. Bragg*

Durwood A. Bragg, Inspector





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JORDAN GORRILL ASSOCIATES  
Consulting Engineers

379 Congress Street  
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Portland, Maine 04111  
207-774-0313

Job Number: 7-33 (7442-030)

Date: April 17, 1977

Project: Small Place - Scientific The Building

Client: Paragon Construction

Placement: pl. for elevator, etc.

Date Received: 4-12-73  
Made: 4-11-73  
Tested: 4-18-73

Supplier: Cook Concrete Co.  
Mixer # 48  
Ticket # 53793  
Load # 1

Age: 7 Days

Placement: 94 cubic yards

Storage:

Job Site 1 day (s)  
Lab: Lime Solution 6 days  
Other 6 days

Materials:

C  
FA Type 11\*  
CA  
Admix 1\*\*  
Calcium Chloride\*

Specimen Dimensions: 6" dia. x 12" length

W/C Ratio:

Temperatures:

Air:  
Concrete:

Mix (per cubic yard)

C  
FA  
CA  
Admix 21\*

Slump: 5"

Air:

Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-22A		7	82.5	2,920
SAT-22B		7	82.5	2,920

Remarks:

Condition of Specimen: --

Average Strength: 2,920 psi

Types of Break:



Estimated Strength:

psi @ Days (See Below)

Jordan Gorrill Associates

\*Indicates data furnished by others:

By: [Signature]

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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# CONSTRUCTION PROGRESS REPORT

**PROJECT** Canal Plaza Satellite Two Building      **WEEK ENDING** 4-14-73  
**CONTRACTOR** Pizzagalli Construction      **JORDAN GORRILL ASSOC.**  
**SUPERINTENDENT** George Smith      **INSPECTOR** Richard E. Day

## SUMMARY OF DAILY ACTIVITIES

<p>4-9-73 (Mon.) Fair 30's</p> <p>Inspected the rebar in the third floor from column line 'B'+15' to 'D' between column line '1' and line '5'. All rebar size, number, grade and placement O.K. Also inspected concrete placement in the above mentioned area. Test cylinders #SAT-21A, B, C, D were made from load #4, truck #44, ticket #53764, slump 5", air content 5.5%. A total of 56+ cu. yds. of 3,000 psi lightweight concrete were placed with no problems encountered with the placement.</p>
<p>4-11-73 (Wed.) Partly cloudy - 40's</p> <p>Inspected rebar in slab for elevator pit. All rebar size, number, grade and placement O.K. Also inspected placement of concrete in above mentioned area. Test cylinders #SAT-22A, B, C, D were made from load #1, truck #48, ticket #53793, slump 5". A total of 9+ cu. yds. of 1" blend 3,000 psi concrete with 2% calcium chloride were placed this P.M. with no problems encountered.</p>
<p>4-13-73 (Fri.) Fair - 50's</p> <p>This office received notification from George Smith, Pizzagalli Construction at 12:30 P.M. this date that a concrete truck was already on the job for the placement of the elevator pit walls (no prior notification). Mr. Bragg of this office arrived on the job at 12:45. Test cylinders #SAT-23A, B, C, D were made from load #1, truck #49, ticket #45918, slump 3 1/4". A total of 7+ cu. yds. of 1" blend, 3,000 psi concrete with 2% calcium chloride were placed in the above mentioned area. (Rebar was not inspected due to the lack of notice).</p> <p>Inspected rebar that was ready for inspection in the 3rd floor from column line 'A' to 'B'+18' between '1' and '5'. All rebar size, number, grade and placement O.K. at this time.</p>
<p>JORDAN GORRILL ASSOCIATES</p> <p><i>Richard E. Day</i></p> <p>Richard E. Day, Inspector</p> <p><i>Durwood A. Bragg</i></p> <p>Durwood A. Bragg, Inspector</p>



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JORDAN GORRILL ASSOCIATES  
Consulting Engineers

379 Congress Street  
(Lab at 116 Pearl Street)  
Portland, Maine 04111  
207-774-0313

Job Number:                     

Date:                     

Project:                     

Client:                     

Placement:                     

Date: Received: 4-17-73  
      Made: 4-13-73  
      Tested: 4-20-73

Supplier: Cook Concrete Co.  
Mixer # 49  
Ticket # 43616  
Load # 1  
Placement: 7+ cubic yards

Age: 7 Days

Storage:  
Job Site 4 day (s)  
Lab: Lime Solution 3 days  
      Other 3 days

Materials:  
C Type II\*  
FA  
CA 1" Blend\*  
Admix Calcium Chloride\*

Specimen Dimensions: 6" dia. x 12" length

Temperatures:  
Air: 50°±  
Concrete:

W/C Ratio:  
Mix (per cubic yard)  
C  
FA  
CA  
Admix 2.2\*

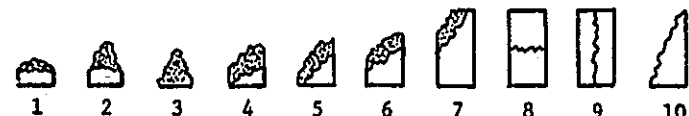
Slump: 3 1/4"  
Air:

Design Requirements: 3,000psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-236		6	79.0	
SAT-238		6	81.0	

Remarks:

Condition of Specimen: Average Strength:      psi

Types of Break:  1 2 3 4 5 6 7 8 9 10 11 12

Estimated Strength:      psi @      Days (See Below)      Jordan Gorrill Associates

\*Indicates data furnished by others:      By:                     

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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JORDAN GORRILL-ASSOCIATES  
Consulting Engineers

379 Congress Street  
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Portland, Maine 04111  
207-774-0313

Job Number: 72001000

Date: April 22, 1973

Project: General Mass Construction - The 2nd Floor

Client: Franklin Construction

Placement: Structural slab - 3rd floor - from column line 'A' to line 'B'+18'

Date Received: 4-17-73  
Made: 4-16-73  
Tested: 4-23-73

Supplier: Cook Concrete Co.  
Mixer # 44  
Ticket # 45954  
Load # 5

Age: 7 Days

Placement: 70+ cubic yards

Storage:  
Job-Site: 1 day(s)  
Lab: Lime Solution 6 days  
Other: days

Materials:  
C Type II\*  
FA  
CA 3/4" Bolts\*  
Admix

Specimen Dimensions: 6" dia. x 12" length

Temperatures:  
Air: 70°  
Concrete:

W/C Ratio:  
Mix (per cubic yard)  
C  
FA  
CA  
Admix

Slump: 4 1/2"

Air: 9.5%

Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-24A		4	81.5	2,880
SAT-24B		6	81.5	2,880

Remarks: Wet Density - 128.6 pcf.

Condition of Specimen:

Average Strength: 2,880 psi

Types of Break:  1 2 3 4 5 6 7 8 9 10 11 12

Estimated Strength: psi @ Days (See Below) Jordan Gorrill Associates

\*Indicates data furnished by others:

By: \_\_\_\_\_

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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JORDAN GORRILL ASSOCIATES  
Consulting Engineers

379 Congress Street  
(Lab at 116 Pearl Street)  
Portland, Maine 04111  
207-774-0313

Job Number: P-99 (7202483)

Date: April 26, 1973

Project: Canal Plaza - Satellite Two Building

Client: Pinnacle Construction

Placement: 20' wide section of roof slab from column line 'A' to line 'B'+18' between line '1' and line '4'

Date: Received: 4-18-73  
Made: 4-17-73  
Tested: 4-24-73

Supplier: Cook Concrete Co.  
Mixer # 47  
Ticket # 46045  
Load # 4

Age: 7 Days

Placement: 77.5 cubic yards

Storage:

Job Site  
Lab: Lime Solution 1 day (s)  
Other 6 days

Materials:

C Type II\*  
FA  
CA 3/4" solite\*  
Admix

Specimen Dimensions: 6" dia. x 12" length

Temperatures:

Air: 70°  
Concrete:

W/C Ratio:

Mix (per cubic yard)

C  
FA  
CA  
Admix

Slump: 5"

Air: 0.0%


Design Requirements: 3,000psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
8AI-25A		4	83.0	2,940
8AI-25B		0	79.0	2,790

Remarks:

Condition of Specimen:

Average Strength: 2,865 psi

Types of Break:   
Estimated Strength: psi @ Days (See Below) Jordan Gorrill Associates

\*Indicates data furnished by others:

By: \_\_\_\_\_

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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JORDAN GORRILL ASSOCIATES  
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 Portland, Maine 04111  
 207-774-0313

Date: \_\_\_\_\_

Job Number: \_\_\_\_\_

Project: \_\_\_\_\_

Client: \_\_\_\_\_

Placement: Second floor structural slab from column line 'B'+18' to line 'D'

Date: Received: 3-29-73  
 Made: 3-28-73  
 Tested: 4-25-73  
 Age: 23 Days

Supplier: Cook Concrete Co.  
 Mixer # 43  
 Ticket # 53609  
 Load # 5  
 Placement: 56 cubic yards

Storage:  
 Job Site 1 day (s)  
 Lab: Lime Solution 27 days  
 Other days

Materials:  
 C Type II\*  
 FA  
 CA 3/4" Solite\*  
 Admix Maracon & Calcium Chloride\*

Specimen Dimensions: 6" dia. x 12" length

W/C Ratio:  
 Mix (per cubic yard)  
 C  
 FA  
 CA  
 Admix 1% Calcium Chloride\*

Temperatures:  
 Air: 53°  
 Concrete: 63°

Slump: 4 1/2"

Air:

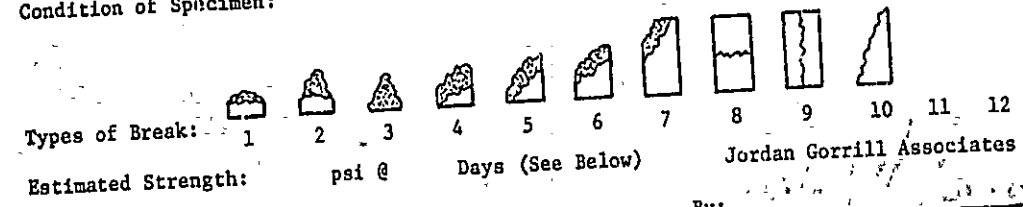
Design Requirements: 3,000psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-18C	113.74	5	131.5	4,630
SAT-18D	114.86	5	131.0	4,630

Remarks:

Condition of Specimen:

Average Strength: 4,640 psi



Jordan Gorrill Associates  
 By: \_\_\_\_\_

\*Indicates data furnished by others:

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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# CONSTRUCTION PROGRESS REPORT

Canal Plaza - Satellite Two Building

WEEK ENDING 4-21-73

CONTRACTOR Pizzagalli Construction

JORDAN GORRILL ASSOC.

SUPERINTENDENT George Smith

INSPECTOR Richard E. Day

## SUMMARY OF DAILY ACTIVITIES

4-16-73 (Mon.) 70's Fair	
Inspected the rebar in the 3rd floor from column line 'A' to 'B'+18' between column line '1' and '5'. All rebar size, number, grade and placement O.K. Inspected the concrete placement in the above mentioned area. Test cylinders #SAT-24A, B, C, D were made from load #5, truck 44, ticket 45954, slump 4 1/2", air content 5.5%, wet density 118.8. A total of 70+ cu. yds. of 3,000 psi lightweight concrete were placed with no problems encountered.	
4-17-73 (Tues.) 70's Cloudy	
Inspected the rebar in the roof slab from column line 'A' to 'B'+18' between lines '1' and '1'+20', from 'A' to 'A'+20' between '1'+20' and '5', from 'A'+20' to 'B'+18' between '5' and '5'+20'. All rebar size, number, grade and placement O.K. Inspected the concrete placement in this same area. Test cylinders #SAT-25A, B, C, D were made from load #4, truck #47, ticket #46025, slump 5", air content 5.5%. A total of 77.5+ cu. yds. of 3,000 psi lightweight concrete were placed this day with no problems encountered.	
4-19-73 (Thurs.) 70's Fair	
Inspected the rebar in the roof and mezzanine from 'B'+18' to 'D' between '5' and '5'+20', from 'D' to 'D'+20' between '5'+20' and '1', from 'D'+20' to 'B'+18' between '1' and '1'+20'. All rebar size, number, grade and placement O.K. Also inspected the concrete placement in the above mentioned area. Test cylinders #SAT-26A, B, C, D were made from load #3, truck #47, ticket #46138, slump 4", air content 6.0%. A total of 62+ cu. yds. of 3,000 psi lightweight concrete were placed this day with no problems encountered.	
4-20-73 (Fri.) 70's Fair	
Inspected the rebar in the penthouse roof. All rebar size, number, grade and placement O.K. Inspected the concrete in the above mentioned area. Test cylinders #SAT-27A, B, C, D were made from load #3, truck #48, ticket #46208, slump 5", air content 5.5%. A total of 56+ cu. yds. of 3,000 psi lightweight concrete were placed with no problems encountered.	
JORDAN GORRILL ASSOCIATES	
<i>Richard E. Day</i>	
Richard E. Day, Inspector	

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 International Airport Consulting Engineers (Lab at 116 Pearl Street)  
 Bangor, Maine 04401 Portland, Maine 04111  
 207-947-0172 207-774-0313

Job Number: 7-39 (73024990) Date: April 25, 1973

Project: Canal Basin - Satellite Dam Building

Client: Wiscasset Construction

Placement: 20' wide section of roof from column line 'B'+18' to line 'D' between column line 'C' and line 'E' - see location sketch.

Date: Received: 4-20-73 Supplier: Cook Concrete Co.  
 Made: 4-19-73 Mixer # 47  
 Tested: 4-26-73 Ticket # 45198  
 Age: 7 Days Load # 3  
 Placement: 62+ cubic yards

Storage: Job Site 1 day (s)  
 Lab: Lime Solution 6 days  
 Other days  
 Materials: C Type II\*  
 FA  
 CA 3/4" Solite\*  
 Admix

Specimen Dimensions: 6" dia. x 12" length

Temperatures: W/C Ratio:  
 Air: 78°F  
 Concrete: Mix (per cubic yard)

Slump: 4" C  
 P/L  
 CA  
 Admix

Air: 6.0%

Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
3AT-24A		6	94.5	3,240
3AT-24B		5	93.0	3,250

Remarks:

Condition of Specimen: Average Strength: 3,245 psi



Estimated Strength: psi @ Days (See Below) Jordan Gorrill Associates

\*Indicates data furnished by others: By: \_\_\_\_\_

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

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 DEPT. OF PUBLIC WORKS  
 CITY OF PORTLAND

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 Bangor International Airport Consulting Engineers (Lab at 116 Pearl Street)  
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Job Number: P-39 (7202487C) Date: April 27, 1973

Project: Canal Plaza - Satellite Two Building

Client: Pizzagalli Construction

Placement: Roof of penthouse

Date: Received: 4-23-73 Supplier: Cook Concrete Co.  
 Made: 4-20-73 Mixer # 48  
 Tested: 4-27-73 Ticket # 46209  
 Load # 3  
 Age: 7 Days Placement: 564 cubic yards

Storage: Job Site 3 day (s)  
 Lab: Lime Solution 4 days  
 Other days  
 Materials: C Type II\*  
 FA  
 CA 3/4" Colite\*  
 Admix

Specimen Dimensions: 6" dia. x 12" length

Temperatures: W/C Ratio:  
 Air: 70's  
 Concrete:  
 Slump: 5" Mix (per cubic yard)  
 C  
 FA  
 CA  
 Admix  
 Air: 5.5%

Design Requirements: 3,000 psi @ 28 Days\*

Specimen No.	Density, pcf	Type of Break	Load, kips	Strength, psi
SAT-27A		7	88.0	3,110
SAT-27B		6	89.5	3,150

Remarks:

Condition of Specimen: Average Strength: 3,130 psi

Types of Break:  1 2 3 4 5 6 7 8 9 10 11 12

Estimated Strength: psi @ Days (See Below) Jordan Gorrill Associates

\*Indicates data furnished by others: By: \_\_\_\_\_

Note: Estimated strengths are extrapolated from early-age test results on the basis of age-strength relationships developed from Maine and nation-wide data. The projected strength values are provided only as an indication of probable future compressive strengths. It is important to note that actual strengths of later test specimens or the concrete in the structure may vary from the projected value.

# CONSTRUCTION PROGRESS REPORT

PROJECT Canal Plaza Satellite Two Building WEEK ENDING 4-28-73  
 CONTRACTOR Pizzagalli Construction JORDAN GORRILL ASSOC.  
 SUPERINTENDENT George Smith INSPECTOR Richard E. Day

## SUMMARY OF DAILY ACTIVITIES

4-23-73 (Mon.) 60's Fair
Inspected the rebar in the fourth floor slab from column line 'B'+18' to 'D' between '1' and '5'. All rebar size, number, grade and placement O.K. Also inspected the concrete placement in the above mentioned area. Test cylinders #SAT-28A, B, C, D were made from load #6, truck #40, ticket #46286, slump 5", air content 0.0%. A total of 56+ cu. yds. of 3,000 psi lightweight concrete were placed with no problems encountered.
4-24-73 (Tues.) 60's Fair
Inspected the concrete placement in the additional two inch wearing strip in the penthouse slab. Test cylinders #SAT-29A, B, C, D were made from load #1, truck #30, ticket #46335, slump 6". A total of 12.5 cu. yds. of 3,000 psi, 3/8" stone concrete were placed with no problems encountered.
4-25-73 (Wed.) 60's Fair
Inspected the rebar in the fourth floor slab from column line 'A' to 'B'+18' between '1' and '5'. All rebar size, number, grade and placement O.K. Also inspected the concrete in the above mentioned area. Test cylinders #SAT-30A, B, C, D were made from load #6, truck #52, ticket #46416, slump 5", air content 7.0%. A total of 72+ cu. yds. of 3,000 psi lightweight concrete were placed with no problems encountered.
JORDAN GORRILL ASSOCIATES
<i>Richard E. Day</i>
Richard E. Day, Inspector