Form # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

BUILDING INCRECTION

PERM

Permit Number: 030011

This is to certify that	University Of Maine/Grange	orthern, Inc.		
has permission to	Build Parking Garage and C	man B	ARAGE	ONLY CAGO
AT 88 Bedford St			L 115 B0090	001

provided that the person or persons, of the provisions of the Statutes of N the construction, maintenance and u this department.

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

m or personal policy ping this permit shall comply with all ne and or the Organices of the City of Portland regulating of buildings and acctures, and of the application on file in

N fication inspect in must go and with a permission procuber this lading or at thereolated or control assed-in. H IR NOT

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

OTHER REQUIRED APPROVALS

Fire Dept. _______

Appeal Board _

Other ____

Department Name

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Bui		* *	Permit No:	Issue Date:	CBL:
389 Congress Street, 04101 Tel:	(207) 874-8703.	Fax: (207) 874-8716	03-0011		115 B009001
Location of Construction:	Owner Name:	C	Owner Address:		Phone:
88 Bedford St / 16 talme of	University Of 1	Maine	107 Maine Ave		207-228-8412
Business Name:	Contractor Name:		Contractor Address:		Phone
n/a	Granger North		84 Middle St. Por	tland	2077743500
Lessee/Buyer's Name	Phone:	F	Permit Type:		Zone:
n/a	n/a		Additions - Com		
Past Use:	Proposed Use:	j	Permit Fee:	Cost of Work:	CEO District:
Parking Lot	Parking Garage	and Class Room	\$108,257.00 FIRE DEPT: [*	\$15,462,000.00	CCTION:
Proposed Project Description: Build Parking Garage and Characteristics	GF ARAGE		· · · · · · · · · · · · · · · · · · ·	Denied Use G Signal VITIES DISTRICT	gure July (P.A.D.)
9	AKNO		Action: Approx	ved Approved v	v/Conditions Denied
	4 1 1 1 2		Signature -		Date:
1	Applied For: 06/2003		Zoning	Approval	
This permit application does no		Special Zone or Review	s Zoni	ng Appeal	Historic Preservation
Applicant(s) from meeting appl Federal Rules.		Shoreland NA	Variance Aff	257 01102 mg	Not in District or Landma
 Building permits do not include septic or electrical work. 	plumbing,	☐ Wetland		aneous of	Does Not Require Review
3. Building permits are void if wo within six (6) months of the dat		Flood Zone Arell	Condition	onal Use	Requires Review
False information may invalidate permit and stop all work	te a building	Subdivision	Interpre	. W /	Approved
		Site Plan & Consider	1.	ed Muliar	Approved w/Conditions
		# 2002 - 0199 1924 Maj Minor MM [M 2000	`	Denied Denied
		Date 9 1/9/0	Date:		Date:
		CERTIFICATIO	DN		and the second second

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

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

City of Portland, Maine - I	Building or Use Permit		Permit No:	Date Applied For:	CBL:
389 Congress Street, 04101 T	O	07) 874-8716	03-0011	01/06/2003	115 B009001
Location of Construction:	Owner Name:	0	wner Address:		Phone:
88 Bedford St	University Of Maine	1	107 Maine Ave		207-228-8412
Business Name:	Contractor Name:	C	ontractor Address:		Phone
n/a	Granger Northern, Inc.	8	84 Middle St. Port	tland	(207) 774-3500
Lessee/Buyer's Name	Phone:	P	ermit Type:		
n/a	n/a		Commercial		
Proposed Use:		Proposed	Project Description:		
Parking Garage		Build P	arking Garage		
Dept: Zoning Status	s: Approved with Conditions	Reviewer:	Marge Schmucka	al Approval D	Date: 01/08/2003
Note: 88 Bedford St					Ok to Issue:
1) Separate permits shall be requ	uired for any new signage.				
2) This permit is being approved work.	d on the basis of plans submitte	ed. Any deviati	ons shall require a	a separate approval t	pefore starting that
Dept: Building Status	s: Approved with Conditions	Reviewer:	Mike Nugent	Approval D	Date: 03/27/2003
Note:					Ok to Issue: 🔽
1) Guardrails shall have balluste	ers with openings less than 4 ir	nches, John Upto	on notified that pla	ans show 4 inches.	
Dept: Fire Status	s: Approved with Conditions	Reviewer:	Lt. McDougall	Approval D	Date: 01/08/2003
Note:					Ok to Issue: 🔽
1) Handrails must be returned (P-A505)				
2) the fire alarm system and spri Department	nkler system shall be tested to	standard and th	e results shall be	submitted to the Por	tland Fire
3) the fire alarm system shall be	connected to the city of portla	and master box s	system. Call Ben I	Diaz 874-8489	
4) the standpipe system shall be					

6) the fire alarm system shall be installed in accordance with NFPA 72 standards. Comments:

01/07/2003-gg: Mike Nugent has original preliminary plans. Also call John Rasmussen for PDF file. /gg

01/09/2003-mjn: Need stamped drawings, statement of special inspections, Certification forms, Notified Owners's rep and designer

01/13/2003-mjn: Advised designer of % of opening questions, Length of exit access, again requested the above info. Spoke with Jon Upton, Left a message for Jon rassmussen.

01/31/2003-mjn: Foundation only (030070) issued this date. MJN

5) the sprinkler system shall be installed in accordance with NFPA 13 standards

03/27/2003-mjn: Permit for the remainder of the Garage only issued, comunity building not a part of this permit

City of Portland, M	laine - Bu	ilding or Use Permit	t		Permit No:	Date Applied For:	CBL:
•		(207) 874-8703, Fax: (4-8716	03-0011	01/06/2003	115 B009001
Location of Construction:		Owner Name:		C	Owner Address:		Phone:
88 Bedford St		University Of Maine			107 Maine Ave		207-228-8412
Business Name:		Contractor Name:		0	Contractor Address:		Phone
n/a		Granger Northern, Inc	: .		84 Middle St. Por	tland	(207) 774-3500
Lessee/Buyer's Name		Phone:		F	Permit Type:		
n/a		n/a	}		Commercial		
Proposed Use:				Proposed	d Project Description	:	
Parking Garage and Cla	ss Room Bu	iilding		Build I	Parking Garage an	d Classroom Building	<u>,</u>
Dept: Zoning	Status:	Approved with Condition	ns Rev	viewer:	Marge Schmuck	al Approval Da	ate: 01/08/2003
Note: 88 Bedford St 1) Separate permits sha	all be require	ed for any new signage.			v	••	Ok to Issue:
1) Separate permits sha	-	ed for any new signage. n the basis of plans submi	itted. Any	y deviat	Č	••	Ok to Issue:
 Separate permits sha This permit is being 	approved o	•			Č	••	Ok to Issue:
 Separate permits sha This permit is being work. 	approved o	n the basis of plans submi			ions shall require	a separate approval be	Ok to Issue:
 Separate permits sha This permit is being work. Dept: Building Note: 	approved o	n the basis of plans submi	ns Rev	viewer:	ions shall require Mike Nugent	a separate approval be Approval Da	Ok to Issue: efore starting that ate: 03/27/2003
 Separate permits sha This permit is being work. Dept: Building Note: 	approved o Status: e ballusters	n the basis of plans submi	ns Rev inches, Jo	viewer: ohn Upt	ions shall require Mike Nugent	a separate approval be Approval Da	Ok to Issue: efore starting that ate: 03/27/2003 Ok to Issue:
 Separate permits sha This permit is being work. Dept: Building Note: Guardrails shall hav 	approved o Status: e ballusters	n the basis of plans submit Approved with Condition with openings less than 4	ns Rev inches, Jo	viewer: ohn Upt	ions shall require Mike Nugent on notified that pl	a separate approval be Approval Da ans show 4 inches.	Ok to Issue: efore starting that ate: 03/27/2003 Ok to Issue:
 Separate permits sha This permit is being work. Dept: Building Note: Guardrails shall hav Dept: Fire 	Status: e ballusters Status:	Approved with Condition with openings less than 4 Approved with Condition	ns Rev inches, Jo	viewer: ohn Upt	ions shall require Mike Nugent on notified that pl	a separate approval be Approval Da ans show 4 inches.	Ok to Issue: efore starting that ate: 03/27/2003 Ok to Issue: ate: 01/08/2003
 Separate permits sha This permit is being work. Dept: Building Note: Guardrails shall hav Dept: Fire Note: Handrails must be re 	Status: e ballusters Status: eturned (P-	Approved with Condition with openings less than 4 Approved with Condition	inches, Jo	viewer: ohn Upt viewer:	ions shall require Mike Nugent on notified that pl Lt. McDougall	Approval Da ans show 4 inches. Approval Da	Ok to Issue: efore starting that ate: 03/27/2003 Ok to Issue: ate: 01/08/2003 Ok to Issue:

- 4) the standpipe system shall be installed in accordance with NFPA 14 standards (standpipe not shown in stairwell #1 P-F103)
- 5) the sprinkler system shall be installed in accordance with NFPA 13 standards
- 6) the fire alarm system shall be installed in accordance with NFPA 72 standards.

Comments:

01/07/2003-gg: Mike Nugent has original preliminary plans. Also call John Rasmussen for PDF file. /gg

01/09/2003-mjn: Need stamped drawings, statement of special inspections, Certification forms, Notified Owners's rep and designer

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01/31/2003-mjn: Foundation only (030070) issued this date. MJN

NOTES: N.R. — Not required N.A. — Not applicable	500 1-n	1072 I - 1	OA MONTORY
ADMINIS	STRATION	(Chapter 1)	o o a
Complete construction docume (107.5, 107.6, 107.7)	ents <u>·</u>	Signed (107	/sealed construction documents (.7, 114.1)
BUILDING PLA	ANNING (C	hapters 3, 4	, 5, 6)
USE OR OCCUPA	NCY CLASSIF	ICATION (302.0-	313.0)
Single Use Group		Specific	coccupancy areas (302.1.1)
Mixed Use Groups		Access	ory areas (302.1.2)
S2/GENERAL BUILD	ING LIMITATIO	ONS (Chapters 5	& 6)
Apply Case 1 to determine the allowable height a single use group or nonseparated mixed use groumitted types of construction for a building containing	.ps. Apply Case 2	to determine the allo	ction for a building containing a wable height and area and per-
AREA MO	ODIFICATIONS TO	O TABLE 503	315/1250
% of Allowable tabular area (Table 503)	100%	45	2 2 2 2 2 2
% Reduction for height (Table 506.4)	<u>50%</u> pe	pen rimeter North	East South West
% Increase for open perimeter (506.2) + 1	<u> </u>	pen 706	1130
% Increase for automatic sprinklers (506.3) +	7) % pe	rim. / / / ft. Open perimeter =	Perimeter 1/30 ft. 69.50 (Open perim./perim.) × 100%
Total percentage factor Conversion factor		Tab. area increase = (506.2)	
(Total percentáge factor/10) I , GK X 5 0 / CASE 1 — SINGLE USE OR NON	000	XED USE GROUPS	(313.1.1, 503.0)
Using Table 503, identify the allowable height and a mixed use groups. Construction types that provide area and allowable heights (as modified by Section Actual floor area	e an allowable tab 504.0) equal to or tt. ² Actua	oular area equal to o	feetstories
Adjusted floor area = actual floor area/conversion			
Permitted types of construction $2c - 1$	Type of c	construction assumed	for review (602.3)

STANDPIPE SYS	STEMS	AUTOMATIC FIR	E DETECTION SYSTEMS
	Building height (915.2.1)		Approval (919.3)
	Building area (915.2.2)	-A A	Institutional (I) (919.4.1, 919.4.2, 919.4.3)
1/0	Malls (915.2.3)		Residential (R-1) (919.4.4)
1111	Stages (915.2.4)		Sprinklered buildings exception (919.5)
SIGNED B	Approved system (915.3, 915.3.1)		Zones (919.6)
·	Piping design (915.4)	SINGLE- AND M	ULTIPLE-STATION SMOKE
	Water supply (915.5)	DETECTORS	Desidential (P-1) (920.3.1)
	Control valves (915.6)		Residential (R-1) (920.3.1)
	Hose connection (915.7)	TAI	Residential (R-2, R-3) (920.3.2)
DEPARTA	IENT CONNECTIONS	+ V - //	Institutional (I-1) (920.3.3)
FIRE DEPARTM			Interconnection (920.4)
	Required (916.1)		Battery backup (920.5)
	Connections (916.2)	FIRE EXTINGUI	SHERS
YARD HYDRAN	TS	2-1ACD	Approval (921.1)
	Fire hydrants (917.1)	34 PFD	Required (921.2)
FIRE ALARM S	YSTEMS	SMOKE CONTR	ROL SYSTEMS
	Approval (918.3)	/	Passive system (922.2.1)
	Assembly (A-4), Educational (E) (918.4.1)		Mechanical system (922.2.2)
1	Bosiness (B)(918.4.2)		Smoke removal (922.3)
	High-hazard (H) (918.4.3)		Activation (922.4)
	Institutional (I) (918.4.4)	<u> </u>	Standby power (922.5)
	Residential (R-1) (918.4.5)	CMOKE WID H	EAT VENTS
	Residential (R-2) (918.4.6)	SMOKEANDH	Size and spacing (923.2)
	Location/details (918.5)	A	Size and spasing (**
	Power supply/wiring (918.6, 918.7)	SUPERVISION	
	Alarm-notification appliances (918.8)	NA	Fire suppression systems (924.1)
	Voice/alarm signaling system (918.9)	1111	Fire alarm systems (924.2)

SIEEL	. (Chapter 22)
Structural steel design/construction standard specified (2203.1, 2203.2)	Formed steel design/construction standard specified (2206.1)
Shop drawing preparation specified (2203.4)	Formed steel member identification (2206.6)
Open-web steel joist design/construction standard specified (2205.1)	on
WOOD	(Chapter 23)
Installation inspections (2301.2)	Seismic bracing (2305.8)
Design/construction standard specified (2303.1)	
Grade mark specified (2303.1.1)	Wood structural panels (2307.0)
HEAVY TIMBER CONSTRUCTION	Particleboard (2308.0)
	Fiberboard (2309.0)
Minimum dimensions (605.1, 2304.0)	Fireretardant-treated wood (2310.0)
Design/construction standard specified (2304.1)	Decay and termite protection (2311.0)
WOOD FRAME CONSTRUCTION	Joist hangers (2312.0)
Fastening and construction details	Prefabricated components (2313.1, 2313
(2305.0, Table 2305.2)	Metal-plate-connected trusses (2313.3.1
Wind bracing design required (2305.7)	2313.3.2)
NONSTRUCTURAL MATI	ERIALS (Chapters 24, 25, 26)
	LAZING (Chapter 24)
Skylights (2404.0)	Safety glazing (2405.0, 2406.0, 2407.0)
GYPSUM BOARD AN	ND PLASTER (Chapter 25)
Gypsum board materials (2503.0, Table 2503.2, Table 2503.3)	Plaster (2504.0, 2505.0, 2506.0)
PI ASTIC	C (Chapter 26)
Approved materials (2601.2)	FOAM PLASTIC (2603.0)
	Labeling (2603.2)
Identification (2601.4)	Surface-burning characteristics (2603.3)
Interior trim (2603.7)	Thermal barrier (2603.4)
Alternative approval (2603.8)	Exterior walls (2603.5, 2603.6)

·	. CORRECTION LIST (cont'd.)	
No.	DESCRIPTION	Code Section
PL	GLA 505 - BALLUSETR SPACING JI-	
	444 MAX ALL LOCATIONS MUST	
	BE "LESS FHAN 4"	
	PSOOI- NOTE I	
	WHAT DOES LAGEL BY MEGO	j.
	(CN) DOOR SEGEDULE	
	& WHAT BY THE SIZE OF THE WIRE	
	(3275.	
	T. T. T.	
	I I I I I I I I I I I I I I I I I I I	
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<u></u>		



CITY OF PORTLAND MAINE

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

TO:

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

Structure has full sprinkler system? Yes * No Alarm System? Yes X No Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department. Is structure being considered unlimited area building: Yes No X See Life safety plan, sheet P-L5102 for area modification if mixed use, what subsection of 313 is being considered. List Occupant loading for each room or space, designed into this Project. See life safety plan, sheet P-LS102, for occupant load (CHADIE)	
Job Name: University of Southern Maine Parking Garage Address of Construction: 85 Bedford Street Portland, Maine THE BOCA NATIONAL BUILDING CODE/1999 FourteenthEDITION Construction project was designed according to the building code criteria listed below: Building Code and Year BOCA, 1999 Use Oroup Classification(s) S-2 Type of Construction 2C Bldg. Height 42 Feet Avg. Bldg. Sq. Footage 388, 830 SF (On Protected, non-combustible) (On five levels) Seismic Zone Hazard Exposure Group Class Performance Category C Group I Roof Snow Load Per Sq. Pt. 60 P.S.F. Deed Load Per Sq. Ft. 90 P.S.F. Basic Wind Speed (mph) 90 M.P.H. Effective Velocity Pressure Per Sq. Ft. 30.6 P.S.F. Floor Live Load Per Sq. Ft. 50 P.S.F. See documents for description of fire protection system Structure has full sprinkler system? Yes No. Alarm System? Yes No. Alarm System? Yes No. Alarm Systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department. Its structure being considered unlimited area building: Yes No. See Life Safety Plan, Sheet P-L5102 for area modification Classic Cocupant loading for each room or space, designed into this Project. See 1 if e safety plan, sheet P-LS102, for occupant load (Classic Cocupant Load) (Classic Cocupant Structure)	FROM DESIGNER: Einhorn Yaffee PRescott, Architecture &
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Seismic Zone Hazard Exposure Group Class Performance Category Caroup I Roof Snow Load Per Sq. Ft. 60 P.S.F. Deed Load Per Sq. Ft. 90 P.S.F. Basic Wind Speed (mph) 90 M.P.H. Effective Velocity Pressure Per Sq. Ft. 30.6 P.S.F. Floor Live Load Per Sq. Ft. 50 P.S.F. See documents for description of fire protection system Structure has full sprinkler system? Yes * No Alarm System? Yes X No Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department. Is structure being considered unlimited area building: Yes No X See Life safety Plan, sheet P-L5102 for area modification if mixed use, what subsection of 313 is being considered List Occupant loading for each room or space, designed into this Project. See life safety plan, sheet P-LS102, for occupant load (Chasigners Stamp & Signature)	
Basic Wind Speed (mph) 90 M.P.H. Effective Velocity Pressure Per Sq. Ft. 30.6 P.S.F. Floor Live Load Per Sq. Ft. 50 P.S.F. See documents for description of fire protection system Structure has full sprinkler system? Yes * No Alarm System? Yes X No Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department. Is structure being considered unlimited area building: Yes No X See life safety plan, sheet P-L5102 for area modification if mixed use, what subsection of 313 is being considered List Occupant loading for each room or space, designed into this Project. See life safety plan, sheet P-LS102, for occupant load Charles and Charles are Stamp & Signature)	Seismic Zone Hazard Exposure Group Class Performance Category C Group I Roof Snow Load Per Sq. Ft. 60 P.S.F. Deed Load Per Sq. Ft. 90 P.S.F.
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If mixed use, what subsection of 313 is being considered	Floor Live Load Per Sq. Ft. 50 P.S.F. * See documents for description of fire protection system Structure has full sprinkler system? Yes * No Alarm System? Yes X No Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department.
If mixed use, what subsection of 313 is being considered	Is structure being considered unlimited area building: Yes_No $_{ m X}$ See life safety plan, shee P-L5102 for area modificat
See life safety plan, sheet P-LS102, for occupant load	If mixed use, what subsection of 313 is being considered
(Designers Stamp & Signature)	List Occupant loading for each room or space, designed into this Project. See life safety plan, sheet P-LS102, for occupant load
	(Dasigners Stamp & Signature)

PSH 6/07/2K





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

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Inspector of Buildings City of Portland, Maine Department of Planning & Urban Development

Division of Housing & Community Service

FROM:

Einhorn Yaffee Prescott, Architecture &

Engineering, P.C.

RE:

Certificate of Design

DATE:

January 10, 2003

These plans and/or specifications covering construction work on:

University Of Southern Maine Parking Garage

85 Bedford Street, Portland, Maine

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

(SEAL)

CHARLES J.
KIRBY
No. 2794

* OF MARKA

Signature

ANACHOIC PRINCIPAL BOSO

firm EINHORN YAPPER PRESCOTT

Address 24 SCHOOL ST.
BOSTON, MA 02108

As per Maine State Law:

\$50,000.00 or more in new construction, repair, expansion, addition, or modification for Building or

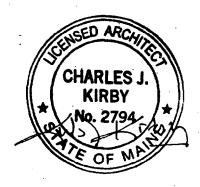


CITY OF PORTLAND ACCESSIBILITY CERTIFICATE

Designer:	Einhor	n Yäffee	Prescott,	Architect	ure &
,	Engine	ering, P	.C.	.•	
Address of	Project_	85 Bedfo	rd Street,	Portland,	Maine
Nature of P	roject_U	niversit	y of South	ern Maine	Parking
		arage	• .		
					-
Date Jan	uary 1	0, 2003			

The technical submissions covering the proposed construction work as described above have been have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act.

(SEAL)



Signature	hads fill
Title	MANGERAG PRINCIPM, BOSTON
Firm	ENHARMYMETE PRESCOTT
Address	24 SCHOOL ST.
	BOSTON, MA 02104
Telephone	(617) 305-9811

FACSIMILE MEMORANDUM

SPECIAL INSPECTION STATEMENT



VVALKER PARKING CONSULTANTS 20 Park Plaza, Suite 1777 Boston, MA 02116

Voice: 617.350.5040

Fax: 617,350,5048

www.walkerparking.com

PAGE 1

January 28, 2003

DATE:

Mr. Michael Nugent

FAX #: 207,874.8716

COMPANY:

City of Portland Inspectional Services

ADDRESS:

389 Congress Street

CITY/STATE:

Portland ME 04101

COPIES TO:

John Upton/EYP

FAX # 617.305.9888

HARD COPY TO FOLLOW:

TOTAL # OF PAGES:

FROM:

Art Stadig, PE

No

PROJECT NAME:

University of Southern Maine

PROJECT NUMBER:

16-1450.00

SUBJECT:

Special Inspections

The following outlines the special inspections for compliance with BOCA 1705.1.1. Where applicable, the specification paragraph(s) addressing these topics has been identified. As of this date the following firms are to be involved in the inspections programs:

Engineer of Record: Walker Parking Consultants Geotechnical Engineer: Haley & Aldrich Inc. * Owner's Testing Agency: R.W. Gillespie Associates

Contractor's Testing Agency: TBD

*Haley & Aldrich is the firm that was retained by the owner to perform the soils investigation upon which the design of foundations has been based.

SPECIAL INSPECTIONS PROGRAM

Spec. Para.	Description:	Responsible Party:
02458 Para. 3.3.B	Test pile to be installed for: Axial Compressive Static Load Test: ASTM D 1143. Lateral Load Test: ASTM D 3966. Or alternate test per Note I on PGS001	Geotechnical Engineer: Haley and Aldrich shall have a qualified representative on site during all pile driving activities and tests.
02458 Para. 3.5.B	High-strain dynamic monitoring shall be performed and reported according to ASTM D 4945 during initial driving and during restriking on 15 percent of piles.	Owner Employed Testing Agency

FACSIMILE MEMORANDUM

SPECIAL INSPECTION STATEMENT



02458 Para 3.4.G	Pile Driving Records	Pile installer responsible for generating records. Haley & Aldrich will be present to observe installation and record keeping.
03300 Paras:1.5.1 & 3.15.B	Inspection of reinforcing size, location and placement with respect to construction documents and ACI 318.	Owner Employed Testing Agency
03300 Para. 3.1.A	Contractor shall employ a registered engineer to design forms and shoring required for construction. Design shall meet requirements of ACI 301.	Owner Employed Testing Agency
03300 Para, 3.15, D & F	 Verification of mix properties: Samples obtained per ASTM C 172, "Method of Sampling Freshly Mixed Concrete." Air Content per either of the following: 	Owner Employed Testing Agency
03300 Para 3.15.E	Verification of concrete strength. Concrete strength shall be verified the following: ASTM C39 "Test Method for Compressive Strength of Cylindrical Concrete Specimens" ASTM C31 "Method of Making and Curing Concrete Test Specimens in the Field" ASTM C172 "Method of Sampling Freshly Mixed Concrete"	Owner Employed Testing Agency
03300 Para. 1.5.L.9	Verification of use of proper mix proportions.	Owner Employed Testing Agency
03410 Paro. 1.5.F & L	Verification of the application techniques and maintenance of curing temperature and techniques. Fabrication Quality Control procedures per: PCI MNL 116 "Manual for Quality Control from Plants and Production of Precast Prestressed Concrete Products" with the revisions noted in spec. 03410 para. 1.5.L.	Owner Employed Testing Agency Precaster In-House Testing Personnel with optional supervision by Owner's Testing Agency.
03410 Para. 3.2.E	Erection tolerances shall meet the requirements of PCI MNL 127 "Recommended Practice for Erection of Precast Concrete."	Contractor employed registered Land Surveyor.
03410 Para. 3.3.E	Welds and high-strength bolt connections are subject to inspection and testing by Testing Agency. As minimum, following testing shall be performed. Welds: Visually inspect all welds. Double tee flange-to-flange connections: Test 5% of	Owner Employed Testing Agency

FACSIMILE MEMORANDUM

SPECIAL INSPECTION STATEMENT



PAGE 3		
	welds, if at discretion of Inspector, visual inspection inconclusive. All other welds: Test 25% of all field fillet welds and 5% of all shop welds. Testing: Penetrating dye or magnetic particle at Inspector discretion. One spot test per partial penetration weld using magnetic or ultrasonic testing. Bolted Connections: Visual inspection of all connections. Check proper torque with calibrated torque wrench at minimum of 2 bolts of every connection.	

Certification of material performance of materials used in the fabrication of structural elements (i.e. concrete aggregates, reinforcing steel, admixtures) shall be provided showing acceptable test results for the reference code standards in chapter 35 of BOCA and cited within the construction documents.

Owner's testing agency shall be accredited by AASHTO under ASTM C1077. Testing laboratory shall submit documented proof of ability to perform required tests. Personnel conducting field tests for concrete construction shall be qualified as ACI Concrete Field Testing Technician, Grade 1, according to ACI CP-1 or an equivalent certification program.

Design professionals hired by contractor or subcontractors shall be registered in the State of Maine.

CITY OF PORTLAND, MAINE

PLANNING BOARD

December 2, 2002

Jaimey Caron, Chair Deborah Krichels, Vice Chair Mark Malone Orlando E. Delogu Sarah Luck Kevin Beal Lee Lowry III

Mr. John Rasmussen University of Southern Maine 96 Falmouth Street Portland, ME 04103

Re: Community Education Facility and Parking Garage (Application #2002-0199, CBL 114-B-1001)

Dear Mr. Rasmussen:

At a public hearing held on November 26, 2002, the Planning Board voted unanimously 5-0 (Delogu recused) that

- i. the plan is in conformance with the Site Plan Standards of the Land Use Code with the following conditions of approval:
 - 1. -that the applicant obtains an air rights lease from the City of Portland and the State of Maine for the proposed skywalk over Bedford Street.
 - 2. -that the landscape plan be augmented per the comments contained in the 11-21-2002 memo from City Arborist, Jeff Tarling.
 - 3. —that the USM Parking Plan be reviewed for its effectiveness one year after the completion of the Parking Garage and annually thereafter for three years, by the Planning Authority.
 - 4. —that Lt. MacDougal review and approved the University's plan for the use of the I-295 emergency access lane as a temporary snow dump and storage area.
- ii. the plan is in conformance with the Conditional Use Standards of the Land Use Code.
- iii. the plan is in conformance with the standards for Site Location of Development review.
- iv. the project is granted a MDOT Traffic Movement Permit under Delegated Authority.
- v. the Planning Board recommends the discontinuance of a portion of Surrenden Street, a portion of Winslow Street and Grand Street to the City Council.
- vi. the Planning Board extends the Sunset Provision of the approval of the Alumni House Temporary Parking Expansion to the Certificate of Occupancy for the Parking Garage.

Marge Schmuckal, Zoning Administrator
Jodine Adams, Inspections
Larry Ash, Traffic Engineer
Tony Lombardo, Project Engineer
Eric Labelle, City Engineer
Jeff Tarling, City Arborist
Penny Littell, Associate Corporation Counsel
Lt. Gaylen McDougall, Fire Prevention
Don Hall, Appraiser, Assessor's Office
Susan Doughty, Assessor's Office
Approval Letter File
Correspondence File

All Purpose Building Permit Application

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

Location/Address of Construction:	3 3	-101	-	
Total Square Footage of Proposed Structu		Square Footage of Lot	•	
Tax Assessor's Chart, Block & Lot Chart# Block# Lot#	OWNER: UNIVERSITY OF SOUTHERN MAINE			Telephone: 218・6412
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: USM GL FALMONIN ST POLITIAND ME 04104			ost Of ork: \$ 15 462,000 e: \$ 108, 257
If the location is currently vacant, what we Approximately how long has it been vacant Proposed use: PARLING GRAGE AT Project description:	ınt:			unil bring - in PDF - il Mozfile
Contractor's name, address & telephone: Who should we contact when the permit Malling address: PORTLAND NE We will contact you by phone when the permit review the requirements before starting as and a \$100.00 fee if any work starts before	is ready: 4104 permit is ready permit work, with	n a Plan Reviewer. A stop v	pick work	order will be issued

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

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

Signature of applicant: Ash fumum	1 - 4.0.	13 /02
This is NOT a permit, you may not commence ANY volume in a Historic District you may be subject to add Planning Department on the 4th floor	vork until the	DEPT. OF BUILDING INSPECTION CITY OF PORTLAND. 1/15 PORTLAND. 1/15 Find and fees with the 6 2003

CITY OF PORTLAND, MAINE

ZONING BOARD OF APPEALS

Elizabeth Bordowitz, Chair Catherine Decker, Secretary William Hall Julie Brady Nan Sawyer Joseph Lewis Patric Santerre

July 5, 2002

University of Maine 96 Falmouth Street Portland, Maine 04103

RE:

96 Falmouth Street/86 Winslow Street

CBL:

114-B-001

ZONE:

R-5 Zone

Dear Mr. Rasmussen;

As you know, at its August 1, 2002 meeting, the Board of Appeals voted 5-0 to grant the Practical Difficulty Appeal in accordance to plans submitted the Zoning Board.

Enclosed please find the billing for the Zoning Board of Appeals legal ad and abutters notification along with a copy of the Boards decision.

I have been notified that your Chris Vaniotis of Burnstein & Shur will be recording the proper documents at the See X Miled V See May Wall 26 Book 17960 10 26 Registry of Deeds.

Should you have any questions I may be reached at 207-874-8701.

Sincerely,

Jodine Adams Office Manager

Cc: Chris Vanitois, Esq Barry Sheff, P.E.

CITY OF PORTLAND, MAINE

ZONING BOARD OF APPEALS

To: City Clerk

From: Marge Schmuckal, Zohing Administrator

Date: August 2, 2002

RE: Action taken by the Zoning Board of Appeals on August 1, 2002.

The meeting came to order at 7:00

Roll Call as follows:

Members Present: Elizabeth Bordowitz, Julie Brady, Joseph Lewis, William Hall and Nan Sawyer

Members Absent: Catherine Decker and Patric Santerre

APPEAL AGENDA

The Board of Appeals held a public hearing on Thursday, August 1, 2002 at 7:00 p.m. on the second floor in Room 209 at the Portland City Hall 389 Congress Street, Portland, Maine to hear the following appeal:

- 1. Unfinished Business: There was no unfinished business
- 2. New Business:

A. Practical Difficulty Variance

University of Southern Maine Portland Campus, 96 Falmouth Street, Tax Map #114, Block B, Lot 001, Tax Map 114, Block B, Lot 002, Tax Map 114, Block A, Lot 004, Tax Map 114, Block A, Lot 012 in the R-5 Zone is requesting a Practical Difficulty Appeal under section 14-120 (dimensional requirements in regards to front, side setbacks, lot coverage and structural height) of the Portland Zoning Ordinance. This would be for the purpose of building 1,200 car parking garage, 450 +/- lecture hall, and 15,000 square foot educational center. This project will also go before the Planning Board at a later date. Woodard & Curran will be representing the University. Mr. Chris Vaniotis and Dave Early represented the applicant. The Board voted 5-0 to grant the Practical Difficulty Appeal.

- 3. Other Business: There was no other business
- 4. Adjournment: The meeting adjourned at 9:05 p.m.

Enclosure:

Agenda of August 1, 2002 Copy of Board's Decisions 1 standard size tapes

CC:

Joseph Gray, City Manager

Mark Adelson, Housing & Community Services Alex Jaegerman, Planning Department Lee Urban, Planning & Development Director

CITY OF PORTLAND, MAINE ZONING BOARD OF APPEALS

APPEAL AGENDA

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A. Practical Difficulty Variance

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- 3. Other Business:
- 4. Adjournment:

PRACTICAL DIFFICULTY VARIANCE

DECISION

	Name and address of applicant:	inivelsity	UF MAZO	5 2431E	<u> </u>	
		(120 d	126 BEDFO	टा अस्टिय		
	Location of property under appeal:	(96 FALMS	NCH ZUS	ध्य रे	M CHAITS	04103
	Appearances.					•
Ls.	Names and addresses of witnesses (pro	ponents, oppon	£ 0.2C.00 .		10 200805 of	APPLICANT
RZZZLECOWE	· DAUE EARLY U. OF SO, 1	νε _	· BAUL O	VLETTE UF	BS NOYES	alces!
>	e Judy Ryan				3 04 MODEN	
	· SAM ANDREWS, CEO.	_			6- OF FARM	
	Exhibits. BRERY SHOFF STREFF		-BHW	MOSELEY	OF PORTUR	P $\Delta z u \gamma_{ij}$
	e NEEL MARTEN		* 700ZE	200 <u>0</u>		
	· CHRIS BRENNEY CHRIS VANIDARY (18). E.	SQ N BV 70NING	ADMINISTR	ATOR		-

The Zoning Administer hereby certifies that:

- a. The Practical Difficulty variance applied for is permitted under §14-473(c)(3)(b)(1) (dimensional standards); and is not barred by the exceptions set forth in sections 14-473(c)(3)(a)(6) (shoreland and flood hazard areas); nor §14-473(c)(4) (relief limited to minimum variance required); nor §14-473(c)(3)(c) (specific variances prohibited); nor §14-473(c)(3)(d) (no relief for volume, floor area, nor setting of single-component manufactured homes).
- b. The property is not located, in whole or in part, within a shoreland area, as defined in 38 M.R.S.A. §435, nor within a shoreland zone or flood hazard zone as defined in this article.

PDV.FRM (Rev. 05/99)

The Zoning Administrator has certified/has not certified that the application comports with each of the above requirements.

Secretary Secretary

ORDINANCE CRITERIA

Findings of Fact.

Notwithstanding the provisions of §14-473(c)(1) and (2) of this section, the Board of Appeals may grant a variance from the dimensional standards of this article when strict application of the provisions of the ordinance would create a practical difficulty, as defined herein, and when <u>all</u> the following conditions are found to exist:

1.	The need for general cond							erty and no (deny ap	
	Comment:	· •					· · · · · · · · · · · · · · · · · · ·		•
	Comment.			•					·
2.	The granting use or fair ma	of the varian arket value of IT WILL	nce will no of abutting	ot have proper	an unreas ties: IT WII	LL	(de	effect on e	ither the
	Comment:					•			
				·		<u></u>	·		
3.	The Practical	Difficulty is	not the re	esult of	action tak I	cen by the	e applican	it: (deny apj	olication)
	Comment:			1 ab	stention	; <u>-</u>			·
	•	•							

4.	No other feasible alternative is available to IT IS NOT 4	the applicant, except IT IS	a variance: (deny application)
	Comment:		
•			
5.	The granting of a variance will not have an	unreasonably advers	e effect on the natural
	environment: IT WILL NOT	IT WILL	(deny application)
	Comment:		
5.	Strict application of the dimensional stands preclude a use which is permitted in the zon IT WILL	ne in which the prope	to the subject property will rty is located(deny application)
	Comment: $\Delta \alpha$	differsions	
•	Strict application of the dimensional standaresult in economic injury to the applicant.	•	o the subject property will (deny application)
	Comment:		
		f	
	appeal is granted, does the Board wish to imp	nose conditions which	will further the intent
f the nd p	appeal is granted, does the Board wish to impurpose of this Ordinance?	pose conditions winer	
TES _ TO _			•
	S- Conditions:		
респ	fic Conditions:		

Reasons:	<u>. </u>						•	
						. •		
Date of Public Hearing:							7	
Motion:	·							
(including conditions and findings of fact) _		and the second of			•.			
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Votes in favor		Votes O	pposed					
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City of Portland Building Permit Application Description of Project

Project: Joel and Linda Abromson Community Education Center and

Parking Garage

Applicant Name: University of Southern Maine

Date: December 12, 2002

Project site is bounded by Surrenden St, Bedford St., Winslow St. and Conant St. The current use of the site is a parking lot. Two small wooden office buildings will be demolished (demolition permit already received. The site of the first building, at 86 Winslow St., was cleared this past August. The second building site will be cleared the first week of January.

There are two components to this project for which the University is seeking a building permit. The first component is the construction of an 1,150 space, 5 level pre-cast concrete parking garage. It is rectangular in shape with 75,200 square feet per level, 376,000 square feet total. There will be a new 50 space surface lot adjacent to the Garage. The foundation of the garage requires approximately 250 steel "H" piles. Construction is scheduled to begin January 2003 (we hope to have a construction fence in place before students return from the holiday break on January 13) and be complete by mid January 2004.

The second component is the construction of the Joel and Linda Abromson Community Education Center -a 31,000 square foot, steel frame, two-story building, with partial basement. This facility includes a 500 seat lecture hall, classrooms and office space. The building will be attached to the Parking Garage with a shared elevator and utility core. The scope of the project includes provision for pedestrian circulation from the 4th level of the parking garage through the second level of Community Education Center over a new 110 foot pedestrian skywalk spanning Bedford Street, and landing between Masterton Hall and Luther Bonney Hall. Construction of the Center and skywalk is scheduled to begin immediately following beneficial occupancy of at least two decks of the Parking Garage.

City of Portland Building Permit Fee Calculation

\$ 9,419,000	Base Bid for Parking Garage from Granger Northern
\$ 43,000	Alternate #1 from Granger Northern
\$ 9,462,000	Garage Total
\$ 6,000,000	CEC + Bridge estimate
\$ 15,462,000	Total for Permit Fee Calculation
\$ 30	1st \$1000
\$ 7	per \$1000 thereafter

 $(15461 \times \$7.00) + \$30.00 =$

\$

108,257 Permit FEE

City of Portland Building Permit Application Description of Project

Project:

Joel and Linda Abromson Community Education Center and

Parking Garage

Applicant Name:

University of Southern Maine

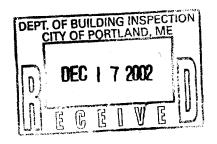
Date:

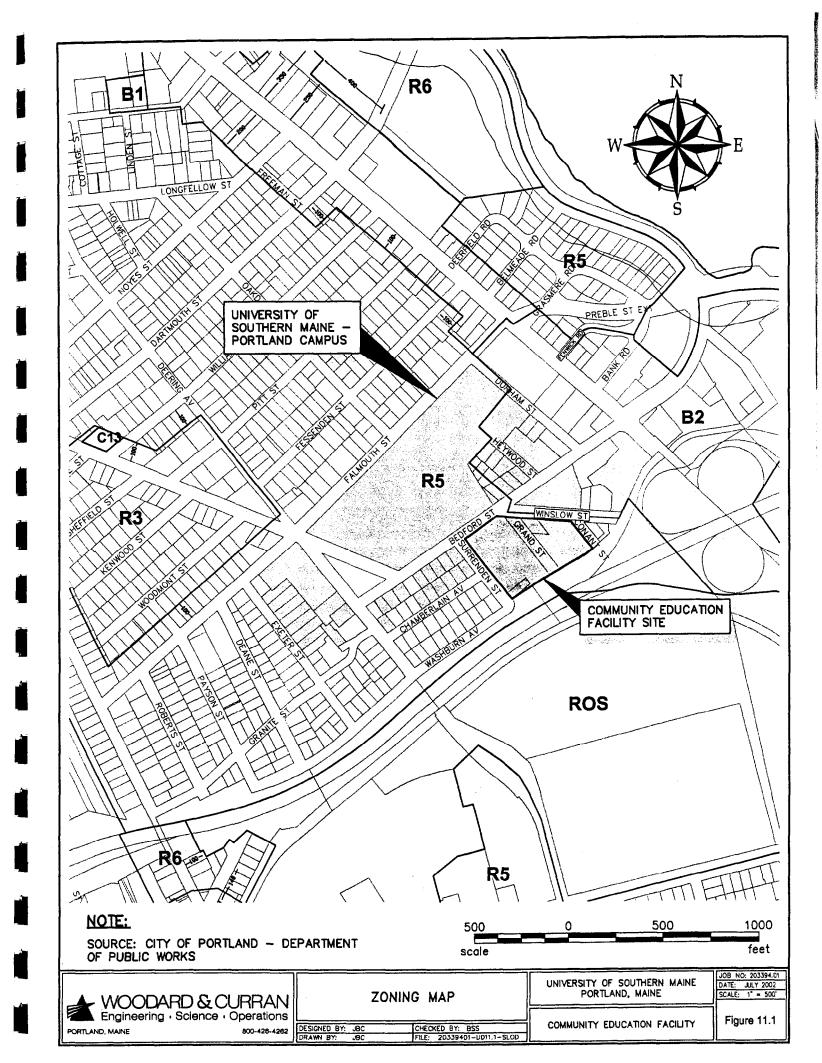
December 12, 2002

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CORPORATE OFFICES: Maine, Massachusetts,
New Hampshire, Connecticut, Illinois, Florida
Operational offices throughout the U.S.

236

July 15, 2002

Zoning Board of Appeals City of Portland 389 Congress Street Portland, Maine 04101

RE: Practical Difficulty Variance Application

Community Education Center and Parking Garage University of Southern Maine Portland Campus

Dear Members of the Zoning Board of Appeals:

On behalf of the applicant, University of Maine System, we respectfully submit the \$100.00 application fee and eleven (11) sets of the Zoning Board of Appeals Practical Difficulty Variance Application with supporting documentation for the Board's consideration. This application includes the Preliminary Site Plan and Elevations; a copy of Tax Map 114; photographs of the property; deeds showing the University's right, title, and interest to the property; and Applicant's Agent Memorandum.

This submittal is made in accordance with Division 28 of Section 14-473, Variances, of the Code of Ordinances of the City of Portland, Maine. In this application, we are requesting a variance from the following dimensional standards in Article III, Zoning, Division 6. R-5 Residential Zone:

Section 14-120(4)a-Minimum Yard Dimension (Setback of Structures): Front Yard-Twenty (20) feet

o Project is three (3) feet from the property line (18 feet from the curb) on Winslow Street Section 14-120(4)d-Minimum Yard Dimension: Side Yard on Side Street – Fifteen (15) feet

o Project is two (2) feet from the property line (16 feet from the curb) on Surrenden Street. (We intend to petition the City of Portland to discontinue Surrenden Street, in which case this variance will be unnecessary)

Section 14-120(5)-Maximum Lot Coverage – Forty (40) Percent of Lot Area (structure)

o Proposed lot coverage on this site is 55%. (Total lot coverage campus-wide is 29%)

Section 14-120(7)-Maximum Structure Height: Principal Attached Structure - Thirty-five (35) feet

O Project structure height (averaged from each of the corners) forty-four (44) feet

The proposed Community Education Center and Parking Garage Project will be submitted to the City later this summer for review under Site Location of Development (SLOD) Permit and Major Site Plan Application. On December 19, 2001, Woodard & Curran and the University met with City of Portland Planning Staff and the Zoning Administrator to discuss the Project and the requirements of the SLOD and Major Site Plan Application. The University hopes to start construction on the Community Education Center and Parking Garage Project in the winter of 2003 with construction being completed in 2004. The Community Education Center and Parking Garage Project includes a 450± seat lecture hall, 15,000 square foot educational Center, 1,200 car parking garage, limited surface parking spaces and associated open space.

The proposed Community Education Center and Parking Garage Project requires Site Plan Approval under Article V of Chapter 14, Land Use, of the Code of Ordinances of the City of Portland, Maine. In accordance

Bernstein, Shur, Sawyer & Nelson, P.A.

Counselors at Law

100 Middle Street, West Tower, P.O. Box 9729, Portland, Maine 04104-5029 207-774-1200 Fax 207-774-1127

Internet: bssn.com

Christopher L. Vaniotis E-mail: cvaniotis@bssn.com

August 16, 2002 received 8/21/02

Charles A. Lane, Esquire Associate Corporation Counsel City of Portland 389 Congress Street Portland, Maine 04101-3529

> Re: University of Southern Maine Variance Certificate

Dear Charlie:

This is to let you know that the variance certificate for the USM parking garage was recorded in the Cumberland County Registry of Deeds on August 16, 2002 at Book 17960, Page 26.

Thank you again for your help in arranging to get the certificate executed.

Christopher L. Vaniotis

CLV/lc

Marge Schmuckal, Zoning Administrator, City of Portland cc:

Dave Early, Executive Director, Department of Facilities Management, USM

Barry Sheff, P.E., Woodard & Curran

Carpenter/CLV/USM/BedfordSt/LaneLtr081602

	in sech of ME System biles
	Applicant: Messyl ME System Date: 107/03 Address: Bedon & Winglow Survent C-B-L: 45-13-009
	CHECK-LIST AGAINST ZONING ORDINANCE A - 4 < 12
	Date-New Development
	Zone Location - 7 - 5
	Interior on corner lot-
	Proposed Use Work - Con Struct New Jang garage
	Servage Disposal - City
	Lot Street Frontage - 50 _ 100 + Show
	Rear Yard-Zo' reg - Zo'+ Show
	Rear Yard-70 109 - 701+6hm
	Side Yard - ZBA van Auer Approval 8/1/02
	Projections -
,	Width of Lot - 90'Veg - Zoo't Shi
	Height - 25th - 76A Varians approval 8/1/02 Lot Area - 30% max - ZBA Variance Approval 8/1/02
	Lot Aren. 206 MAY - ZBA Variance Approval 8/11/2
	Lot Coverage Impervious Surface
	Area per Family - NA
	Off-street Parking OVU 50 000 - defermed by P.B. 11/2002 Loading Bays - NA
	$\sim 111/1$
	Site Plan - MAJOV/Condition of USO PB - 007-0199 Shoreland Zoning/Stream Protection - NA # COO7-0199
	II
	Flood Plains - pfinel 3 Zne C
•	

CITY OF PORTLAND, MAINE DEVELOPMENT REVIEW APPLICATION PLANNING DEPARTMENT PROCESSING FORM

Insp Copy

2002-0199	
Application I D	Number

		• • •		
University Of Maine System			09/10/2002	
Applicant			Application Date	
96 Falmouth St, Portland, ME 0410	3		Community Education Ctr. & Parking G Project Name/Description	
Applicant's Mailing Address				
, ipplicant o maining / tour ood		Winslow/Surrenden Sts., Por		
Consultant/Agent		Address of Proposed Site		
Agent Ph: Agent Fax:		114 B001001		
Applicant or Agent Daytime Telephor		Assessor's Reference: Chart-B	:k-Lot	
			Residential Office Retail	
Proposed Development (check all the				
Manufacturing Warehouse	/Distribution Parking Lot	Other (specify)	
76,000 s. f. Proposed Building square Feet or # of Units Acreage of Site			R5	
		of Site	Zoning	
Check Review Required:				
	Subdivision	PAD Review	14-403 Streets Review	
Site Plan (major/minor)	# of lots	_ FAD Review		
(major/minor)	# 01 10t3			
Flood Hazard	Shoreland	HistoricPreservation	DEP Local Certification	
Zoning Conditional	Zoning Variance		Other	
Use (ZBA/PB)			U Other	
, , , , , , , , , , , , , , , , , , ,				
Fees Paid: Site Plan \$50	00.00 Subdivision	Engineer Review	Date 09/17/2002	
		Designation		
Insp Approval Status:		Reviewer		
Approved	Approved w/Conditions	☐ Denied		
	See Attached			
Approval Date	Approval Expiration	Extension to	Additional Sheets	
Condition Compliance			Attached	
	signature	date		
Performance Guarantee	Required*	Not Required		
* No building permit may be issued u	ntil a performance guarantee has bee	en submitted as indicated below		
- Barformana Cuarantos Assento	٨			
Performance Guarantee Accepte	date	amount	expiration date	
	uale	amount	expiration date	
Inspection Fee Paid				
	date	amount		
Building Permit Issue		_		
	date			
Performance Guarantee Reduced	d			
	date	remaining balance	signature	
Temporary Certificate of Occupar	псу	Conditions (See Attached)		
	date	_	expiration date	
Final Inspection				
<u> </u>	date	signature	± 	
Certificate Of Occupancy		•		
commodite of observation	date	_		
Porformanco Guarantes Balanco				
Performance Guarantee Release		olenaturo		
- Data-100 - 1 - 0 - 111 - 1	date	signature		
Defect Guarantee Submitted		<u> </u>		
	submitted date	amount	expiration date	
Defect Guarantee Released				
	date	signature		