Listed below are key characters (in bold) for searching within this file.

Hold down the control key and select the "f" key. Enter either a key character from the list below or document name and select enter for a list of documents containing the search word you entered.

**APL** – all documents behind this target sheet pertain to the original application submitted by the Applicant.

**REVIEW** – all documents behind this target sheet pertain to those documents submitted to and from staff as part of the project review.

**PBM1** — all documents behind this target sheet are any Planning Board memos with attachments that went to the Board.

**PBR1** - all documents behind this target sheet are any Planning Board reports with attachments that went to the Board.

**CC1** - all documents behind this target sheet are any City Council memos/reports that went to the City Council.

**DRC1** - all documents behind this target sheet are those pertaining to the post review of the project by the Development Review Coordinator.

**MISC1** - all documents behind this target sheet are those that may not be included in any of the categories above.

### **REVIEW**



#### Strengthening a Remarkable City, Building a Community for Life www.portlandmaine.gov

Planning & Urban Development Department

Penny St. Louis Littell, Director

JULY 23, 2009

Planning Division Alexander Jaegerman, Director

Project Name:

Maintenance Building; 2002 Congress Street; Brooklawn Memorial

Park (Robert Sanford), Applicant

Project ID:

09-79900004

Project Address:

2002 CONGRESS STREET

Planner:

Shukria Wiar

Dear Applicant:

On July 23, 2009, the Portland Planning Authority approved a minor site plan for a maintenance building at 2002 Congress Street as submitted by the Robert Sanford on behalf of Brook Lawn Memorial Park and shown on the approved plan prepared by Macleod Structural Engineers and with a revision date of 03.17.2008 with the following conditions:

The lighting fixtures, as proposed, shall be full cutoff.

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

#### STANDARD CONDITIONS OF APPROVAL

Please note the following standard conditions of approval and requirements for all approved site plans:

- 1. The site shall be developed and maintained as depicted in the site plan and the written submission of the applicant. Modification of any approved site plan or alteration of a parcel which was the subject of site plan approval after May 20, 1974, shall require the prior approval of a revised site plan by the Planning Board or the planning authority pursuant to the terms of this article. Any such parcel lawfully altered prior to the enactment date of these revisions shall not be further altered without approval as provided herein. Modification or alteration shall mean and include any deviations from the approved site plan including, but not limited to, topography, vegetation and impervious surfaces shown on the site plan. No action, other than an amendment approved by the planning authority or Planning Board, and field changes approved by the Public Services authority as provided herein, by any authority or department shall authorize any such modification or alteration.
- 2. The above approvals do not constitute approval of building plans, which must be reviewed and approved by the City of Portland's Inspection Division.
- 3. Final sets of plans shall be submitted digitally to the Planning Division, on a CD or DVD, in AutoCAD format (\*,dwg), release AutoCAD 2005 or greater.

- A performance guarantee covering the site improvements as well as an inspection fee payment of 2.0% of the guarantee amount and seven (7) final sets of plans must be submitted to and approved by the Planning Division and Public Services Dept. prior to the release of the subdivision plat for recording at the Registry of Deeds or prior to the release of a building permit, street opening permit or certificate of occupancy for site plans. If you need to make any modifications to the approved plans, you must submit a revised subdivision or site plan application for staff review and approval.
- 5. The site plan approval will be deemed to have expired unless work in the development has commenced within one (1) year of the approval or within a time period agreed upon in writing by the City and the applicant. Requests to extend approvals must be received before the expiration date.
- 6. A defect guarantee, consisting of 10% of the performance guarantee, must be posted before the performance guarantee will be released.
- 7. Prior to construction, a pre-construction meeting shall be held at the project site with the contractor, development review coordinator, Public Service's representative and owner to review the construction schedule and critical aspects of the site work. At that time, the site/building contractor shall provide three (3) copies of a detailed construction schedule to the attending City representatives. It shall be the contractor's responsibility to arrange a mutually agreeable time for the pre-construction meeting.
- 8. If work will occur within the public right-of-way such as utilities, curb, sidewalk and driveway construction, a street opening permit(s) is required for your site. Please contact Carol Merritt at 874-8300, ext. 8828. (Only excavators licensed by the City of Portland are eligible.)

The Development Review Coordinator must be notified five (5) working days prior to date required for final site inspection. The Development Review Coordinator can be reached at the Planning Division at 874-8632. Please make allowances for completion of site plan requirements determined to be incomplete or defective during the inspection. This is essential as all site plan requirements must be completed and approved by the Development Review Coordinator prior to issuance of a Certificate of Occupancy. Please schedule any property closing with these requirements in mind.

If you have any questions, please contact Shukria Wiar at 756-8083 or shukriaw@portlandmaine.gov.

Sincerely,

Alexander Jaegerman

Planning Division Director

alixably ar

Attachments:

1. Performance Guarantee Packet

#### **Electronic Distribution:**

Hard Copy: Project File

Penny St. Louis Littell, Director of Planning and Urban Development Alexander Jaegerman, Planning Division Director Barbara Barhydt, Development Review Services Manager Shukria Wiar, Planner Philip DiPierro, Development Review Coordinator Marge Schmuckal, Zoning Administrator Tammy Munson, Inspections Division Director Gayle Guertin, Inspections Division Lisa Danforth, Inspections Division Lannie Dobson, Inspections Division Michael Bobinsky, Public Services Director Kathi Earley, Public Services Bill Clark, Public Services David Margolis-Pineo, Deputy City Engineer Todd Merkle, Public Services Greg Vining, Public Services John Low, Public Services Jane Ward, Public Services Keith Gautreau, Fire Jeff Tarling, City Arborist Tom Errico, Wilbur Smith Consulting Engineers Dan Goyette, Woodard & Curran Assessor's Office Approval Letter File

# City of Portland Development Review Application Planning Division Transmittal form

**Application Number:** 

09-79900004

**Application Date:** 

6/29/09

Project Name:

MAINTENANCE BUILDING

Address:

2002 Congress St

CBL: 211 - A-001-001

**Project Description:** 

Maintenance Building; 2002 Congress Street; Brooklawn Memorial

Park, Applicant

Zoning:

R1

Other Reviews Required:

Review Type:

MINOR SITE PLAN

Brooklawn Memorial Park 2002 Congress Street Portland Me 04102

Robert J Sanford Jr. 2 Cherryfield Ave Saco Me 04072

#### **Distribution List:**

	Barbara Barhydt	⊠City Arborist	Jeff Tarling
ZoningAdministrator	Marge Schmuckal	⊠Design Review	Alex Jaegerman
⊠Traffic	Tom Errico	⊠Corporation Counsel	Danielle West-Chuhta
⊠Inspections	Tammy Munson	⊠Sanitary Sewer	John Emerson
Fire Department	Keith Gautreau	⊠Stormwater	Dan Goyette
Parking	John Peverada	⊠Historic Preservation	Deb Andrews
Engineering	David Margolis-	Outside Agency	
	Pineo		
☑DRC Coordinator	Phil DiPierro		

Preliminary Comments needed by:

Final Comments needed by:



## Development Review Application PORTLAND, MAINE

Department of Planning and Urban Development, Planning Division and Planning Board

PROJECT NAME: BROOKLAWN Memori	al Park Construction of Mainteno
PROPOSED DEVELOPMENT ADDRESS:	
2002 Congress s	it Pretland, Mt 09102
PROJECT DESCRIPTION:	
Construction of 60' x 80' Ma	intenance building to
be built on existing pr	operty
CHART/BLOCK/LOT: 211 TAX Map BI	ock A Lot#ool
CONTACT INFORMATION:	
APPLICANT Name: Brooklawn Min Park	PROPERTY OWNER Name: David R Morgan
Address: 2002 Congress SY	Address: 2002 Congress St
Portland, ME 04102	Portland, ME
Zip Code: 04102	Zip Code: <u>G4102</u>
Work #: 207-773-7679	Work#: 207 773-7679
Cell #:	Cell #:
Fax #: 207 780-1812	Fax#: 207-780-1812
Home: NA	Home:
E-mail:	E-mail:
BILLING ADDRESS	
Name: Brooklawn Mem. Park	그리의 들이 하시면 된 생각이 없는 저렴하다.
Address: 2002 Congress St	RECEIVED
Portland	
Zip: 04102	JUN 2 9 2009
Work#: 207-773-7679	시민에 많아 걸려 가는 뭐 뭐
Cell #:	City of Portland Planning Division
Fax #: 207. 786-1812	돌아리아 뜻하다 빗덩덩을라다 모모다 있다
Home:	불의경기 가는 시간에 살고 그는 것
E-mail:	되어면 보고를 잃는 물은 하다를 했다.

#### PROJECT DATA

The following information is required where applicable, in order complete the application

Total Site Area Proposed Total Disturbed Area of the Site (If the proposed disturbance is greater than one acre, then General Permit (MCGP) with DEP and a Stormwater Man	
Impervious Surface Area Proposed Total Paved Area Existing Total Impervious Area Proposed Total Impervious Area Proposed Impervious Net Change	sq. ft. sq. ft. sq. ft. sq. ft. sq. ft.
Building Area Existing Building Footprint Proposed Building Footprint Proposed Building Footprint Net change Existing Total Building Floor Area Proposed Total Building Floor Area Proposed Building Floor Area Proposed Building Floor Area Net Change New Building	Sq. ft.   Sq.
Zoning Existing Proposed, if applicable	Conditionaluse Maint. Bldg. Added
Land Use Existing Proposed	Cemetery
Residential, if applicable Proposed Number of Affordable Housing Units Proposed Number of Residential Units to be Demolished Existing Number of Residential Units Proposed Number of Residential Units Subdivision, Proposed Number of Lots	A
Parking Spaces Existing Number of Parking Spaces Proposed Number of Parking Spaces Number of Handicapped Parking Spaces Proposed Total Parking Spaces	6
Bicycle Parking Spaces Existing Number of Bicycle Parking Spaces Proposed Number of Bicycle Parking Spaces Total Bicycle Parking Spaces	W/A
Estimated Cost of Project	225,001
Please check all reviews that apply to the propos Design Review Flood Plain Review Historic Preservation Housing Replacement 14-403 Street Review	ed development  Stormwater Quality  Traffic Movement  Zoning Variance  Historic District/Landmark  Off Site Parking

Shoreland	Multi-Family Dwelling
Site Location Act Local Review	B-3 Pedestrian Activity Review
Single Family Dwelling	Change of Use
2 Family Dwelling	
APPLICATION FEE:	
Check all reviews that apply. Payment may be made	de in cash or check to the City of Portland.
Major Development (more than 10,000 sq. ft.)	Plan Amendments
Under 50,000 sq. ft. (\$500.00)	Planning Staff Review (\$250.00)
50,000 - 100,000 sq. ft. (\$1,000.00)	Planning Board Review (\$500.00)
Parking Lots over 100 spaces (\$1,000.00)	
100,000 - 200,000 sq. ft. (\$2,000.00)	Subdivision
200,000 - 300,000 sq. ft. (\$3,000.00)	Subdivision (\$500.00) + amount of lots
Over 300,000 sq. ft. (\$5,000.00)	(\$25.00 per lot) \$ + (applicable Major site plan fee)
After-the-fact Review (\$1,000.00 plus applicable application fee)	major sic plan icc)
applicant application (cc)	
Minor Site Plan Review	Other Reviews
Less than 10,000 sq. ft. (\$400.00)	Site Location of Development (\$3,000.00)
After-the-fact Review (\$1,000.00 plus applicable application fee)	(except for residential projects which shall be
applicable application (ee)	\$200.00 per lot)Traffic Movement (\$1,000.00)
	Storm water Quality (\$250.00)
	Section 14-403 Review (\$400.00 + \$25.00 per lot)
	Other
<ul> <li>5. A stamped standard boundary survey prep to 100 feet.</li> <li>6. Plans and maps based upon the boundary plan checklist.</li> <li>7. Copy of the checklist completed for the property of the checklist completed.</li> </ul>	folded. gned.
8. One (1) set of plans reduced to 11 x 17.	
Refer to the application checklist (page 9) for a det	ance ust of submittal requirements.
Portland's development review process and requirements are Subdivision Ordinance (Section 14-491) and the Site Plan Or web site: <a href="https://www.portlandmaine.gov">www.portlandmaine.gov</a> Copies of the ordinances	coutlined in the Land Use Code (Chapter 14), which includes the rdinance (Section 14-521). Portland's Land Use Code is on the City's may be purchased through the Planning Division.
and that I have been authorized by the owner to make this applicable laws of this jurisdiction. In addition, if a permit for	property, or that the owner of record authorizes the proposed work pplication as his/her authorized agent. I agree to conform to all r work described in this application is issued, I certify that the resentative shall have the authority to enter all areas covered by this he codes applicable to this permit.
This application is for site review only; a Performance Gassociated fees will be required prior to construction.	Guarantee, Inspection Fee, Building Permit Application and
Signature of Applicant:	Date:
Atal	6.25.09

#### Site Plan Checklist

#### Portland, Maine

Department of Planning and Urban Development, Planning Division and Planning Board Zooz Conqress sr. Partland, ME 04162

BMP	Construction	Maintenana	Bldg.

Project Name, Address of Project

(The form is to be completed by the Applicant or Designated Representative)

**Application Number** 

Check Subm	nitted	Required Information Section 14-525	(b,c)
Applicant	Staff		
		Standard boundary survey (stamped by a registered surveyor, at a scale of not less than 1 inch to 100 feet and including:	1
	1 0 4 <sup>1</sup> mg	Name and address of applicant and name of proposed development	
-		* Scale and north points	a b
/		* Boundaries of the site	C
	1 1 1	* Total land area of site	d
		* Topography - existing and proposed (2 feet intervals or less)	e
1		Plans based on the boundary survey including:	2
		* Existing soil conditions	a .
7	7	* Location of water courses, wetlands, marshes, rock outcroppings and wooded areas	b
	- · ·	* Location, ground floor area and grade elevations of building and other structures existing and proposed, elevation drawings of exterior facades, and materials to be used	c
	, <u> </u>	* Approx location of buildings or other structures on parcels abutting the site and a zoning summary of applicable dimensional standards (example page 11 of packet)	d
		* Location of on-site waste receptacles	e
1	-	* Public utilities	
		* Water and sewer mains	e
		* Culverts, drains, existing and proposed, showing size and directions of flows	e
		* Location and dimensions, and ownership of easements, public or private rights-of-way, both	f
	21-7-5	existing and proposed	r e. Reji
		* Location and dimensions of on-site pedestrian and vehicular access ways	g
		* Parking areas	· .
		* Loading facilities	g
		* Design of ingress and egress of vehicles to and from the site onto public streets	g
		* Curb and sidewalks	g
k .		Landscape plan showing:	h
		* Location of existing vegetation and proposed vegetation	h
		* Type of vegetation	h
0.00		* Quantity of plantings	h
n , <u>v</u>		* Size of proposed landscaping	h
		* Existing areas to be preserved	h
		* Preservation measures to be employed	. h
		* Details of planting and preservation specifications	h
		* Location and dimensions of all fencing and screening	i
V		Location and intensity of outdoor lighting system	j
		Location of fire hydrants, existing and proposed (refer to Fire Department checklist - page 11)	k
	- 10 m m	Written statements to include:	C
V		* Description of proposed uses to be located on site	cl
		* Quantity and type of residential, if any	cl
		* Total land area of the site	c2
		* Total floor area, total disturbed area and ground coverage of each proposed Building and struct	ure c2
	<u></u>	* General summary of existing and proposed easements or other burdens	c3
~		* Type, quantity and method of handling solid waste disposal	c4
V		* Applicant's evaluation or evidence of availability of off-site public facilities, including sewer, was	ter c5
		and streets (refer to the wastewater capacity application – page 12)	
		<ul> <li>Description of existing surface drainage and a proposed stormwater management plan or description of measures to control surface runoff.</li> </ul>	c6

#### **Example of Zoning Summary**

1. Property is located in the IM Zone (Moderate Impact Industrial)

2. Parcel Acreage: 1.37 AC (59,677.2 sf)

RegulationsRequired/AllowedProvidedMin Lot Areanone59,677.2 sf.

Min Street

Frontage 60 ft. 314,46 ft.

Min Front Yard 1 ft./1 ft. Building

Setback Height 72.04 ft.

Min Rear Yard 1 ft./1 ft. Building

Setback Height 35.66 ft.

Min Side Yard 1 ft./1 ft. Building

Setback Height 82.80 and 38.22

Max Building

Height 75 ft. 65 ft.

4. Parking – Warehouse Distribution: 1 space/1000 sf. 10 spaces

5. Maximum Impervious Surface Ratio: 75% 43%

#### Portland Fire Department Checklist

A separate drawing[s] shall be provided to the Portland Fire Department for all site plan reviews, which shall include:

- 1. Name, address, telephone number of applicant.
- 2. Name address, telephone number of architect
- 3. Proposed uses of any structures [NFPA and IBC classification]
- 4. Square footage of all structures [total and per story]
- 5. Elevation of all structures
- 6. Proposed fire protection of all structures
- 7. Hydrant locations
- 8. Water main[s] size and location
- 9. Access to any fire department connections
- 10. Access to all structures [min. 2 sides]
- 11. A code summary shall be included referencing NFPA 1 and all fire department. Technical standards.
- 12. Elevators shall be sized to fit an 81" x 23" stretcher and two personnel.
- 13. Some structures may require Fire flows using annex H of NFPA 1

#### Additional Submission for Subdivisions:

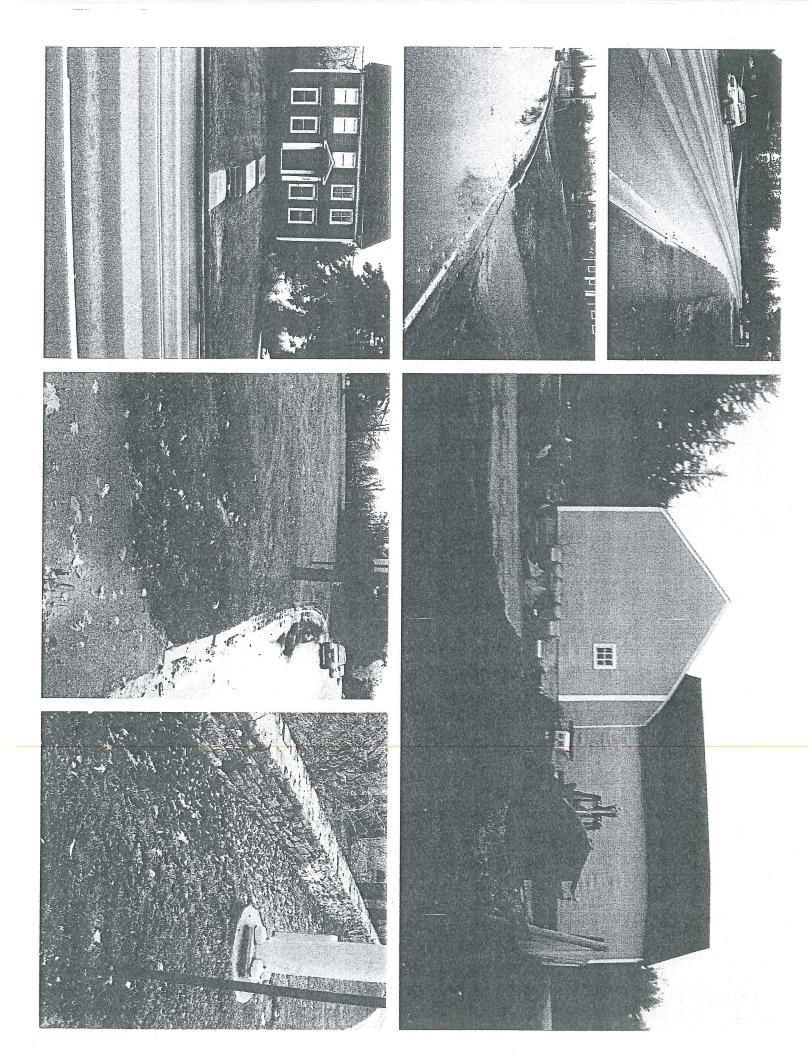
#### Street Names and Street Numbering for Proposed Subdivisions

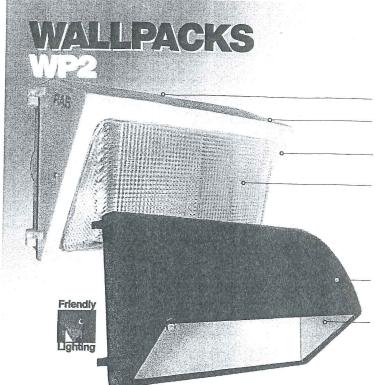
#### Notice to Developers of New Subdivisions

Effective January 1, 1998, the City of Portland requests that developers of new subdivisions submit information regarding the origin of the name of any new street(s) created within the City limits. This information shall be submitted to the Planning Division with all other related application materials and shall include information regarding the person or subject for which all new streets are being named. In the case of a person, the full name should be submitted, as well as their vocation, relationship to the developer or the area, or other pertinent information.

#### Street Numbering Assignments

The assignment of official street addresses is the sole responsibility of the Department of Public Services. These assignments proceed by a set of guidelines and are done from submitted site plans whenever possible. For Enhanced 9-1-1 purposes, they need to be as accurate as possible and, depending on size and site layout, the creation of new street names may be required. Despite addresses listed on such things as the check sheet for site plan approval, building inspection documents or tax maps, it is requested you contact the Department of Public Services for your official address(es). Please call, Leslie Kaynor, GIS Surveyor at (207) 874-8346.





Mid size Wallpack for up to 150 wait HPS, 175 watt Metal Halide and 84 watt Fluorescent. Converts to a cutoff fixture with WP2C Retrofit kit.

Photocell mounting hole

Hinged door frame opens and remains captive for easy relamping

Precision die cast aluminum housing with durable polyester powder coat paint

Glass refractor

Drilling template for easy box mounting

Silicone gasket remains in place during relamping

Top, side and back conduit openings

**Cutoff Glare Shield for Friendly Lighting** 

240V

.41.4

.7 / .6

1/.9

.7/.8

41.7

.71.8

.5/.8

.71.9

.2

.41.4

.6/.5

.9 /.8

.6 /.5

.61.7

.5/.7

.6 /.8

Long life lamp included

208V

.8.7.7

717

.5/.8

1/1

.6/.9

.8/1.1

.5

Glass lens





Initial

6,400

6.400

9.500

9,500

9,500

16,000

16,000

5,600

9,000

12,000

14,000

12,500

12,500

13,500

13.500

3,200

6,400

Lumens

Lamp

Hours

24,000

24,000

24,000

24,000

24,000

24,000

24,000

15,000

15,000

15,000

15,000

10.000

10.000

10,000

10,000

10,000

10,000

Lamp

ANSI

S62

S62

S54

S54

S54

S55

\$55

M98

M90

M150

M102

M107

M107

M57

M57

Input

Watts

86

91

115

115

115

170

188

94

129

150

190

185

185

210

210

46

93

#### Product Information

High	Pressur	e Se	odium
Lamp	supplied	with	fixture

#### **Metal Halide** Lamp supplied with fixture PSF = Pulse Start

**Compact Fluorescent** Lamp supplied with fixture

**Factory Installed Options** Add suffix to catalog number

Accessories

Watts	Lamp Type	Lamp Base	Ballast
70	ED17	Med	R-HPF120V
70	ED17	Med	HX-HPF QT
100	ED17	Med	R-NPF 120V
100	ED17	Med	R-HPF 120V
100	ED17	Med	HX-HPF QT
150	ED17	Med	R-NPF120V
150	ED17	Med	HX-HPF QT
PS# 70	ED17	Med	HX-NPF 120V
PSV-100	ED17	Med	HX-HPF QT
PSX 125	ED17/HBU	Med	CWA-HPF QT
PS学 150	ED17/U	Med	CWA-HPF QT
150	ED17	Med	HX-HPF 120V
150	ED17	Med	CWA-HPF QT
175	ED17	Med	CWA-HPF 120V
175	ED17	Med	CWA-HPF QT
42	Triple	GX24q-4	Electronic QT
84	Triple	GX24q-4	Electronic QT

Swivel Photocell Specify Photocell voltage Single fusing for 120 and 277 volt Tamperproof screws

Corrosion protected Wire Guard Clear Polycarbonate Shield Shade Glare Shield - Curved Shade Glare Shield - Rectangular

Starting Amps / Operating Amps 120V .9 / .8 .81.9 3.1 / 2.1 1.5 / 1.1 1.5 / 1.1 4.5/3.2 2/1.7 1.2/1.0 2.5/2.1 1.2/1.2 .9/1.3 1.3 / 1.6 1.1/1.6 1.1/16 1.3/1.8 1.3 / 1.8 .4

Button Photocell Specify Photocell voltage Double fusing for 208 and 240 volt

QT = Quad Tap = 120 / 208 / 240 / 277 volts

#### Specifications : 40 ...

#### **UL Listing:**

Suitable for wet locations. HID fixtures can be wired with 90°C supply wiring if supply wires are routed 3" away from ballast.

Die cast aluminum, 1/2" NPS tapped holes top, both sides and back for conduit or photocell. Hinged refractor frame. Continuous silicone rubber gasket.

Specular anodized aluminum, removable for installation. Symmetrical light pattern maximizes distance between fixtures.

#### WP2 Cutoff Lens: Tempered glass

#### WP2 Refractor:

Prismatic optics designed to minimize glare and throw light down and out. Heat resistant borosilicate glass.

HID: 4kv Pulse Rated porcelain socket with nickel plated screw shell and spring loaded center contact. CFL: Plug-in type GX24q-4 base

#### Thermoplastic

Chip and fade resistant metallic architectural bronze or bright white epoxy powder coating.

#### Installation Manuals, Wiring Diagrams and Photometrics 24/7

www.rabweb.com > click "PRODUCTS"

#### Patents:

The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

#### **Photometrics**

See page 164 for WP2 Photometrics

#### Pick the Cutoff You Need



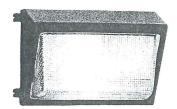


Mid size wallpack for 70 to 150 watts HPS, 70-175 watt Metal Halide or 84

watts (2x42) Compact Fluorescent. All aluminum precision die cast construction with tempered glass refractor. Lamp included.

Finish:

Architectural Bronze White



Finish: Architectural Bronze White



WP2 Cutoff Retrofit Kit

Convert existing RAB WP2 HID

wallpacks to cutoff beam spread.

socket bracket & aluminum strip

for additional degrees of cutoff.

Easy 5 minute field installation.

Kit includes: cutoff shield, reflector,

See pages 70-71 for complete WP2C and WP2FC fixtures

#### Catalog Numbers

Bronze	White
WP2SH70	WP2SH70W
WP2SH70QT	WP2SH70QTW
WP2SN100	WP2SN100W
WP2SH100	WP2SH100W
WP2SH100QT	WP2SH100QTW
WP2SN150	WP2SN150W
WP2SH150QT	WP2SH150QTW
WP2H70	WP2H70W
WP2H100QT	WP2H100QTW
WP2H125PSQ	WP2H125PSQW
WP2H150PSQ	WP2H150PSQW
WP2H150	WP2H150W
WP2H150QT	WP2H150QTW
WP2H175	WP2H175W
WP2H175QT	WP2H175QTW
WP2F42	WP2F42W
WP2F84	WP2F84W
/PC	/PC
/PCS	/PCS
/F	/F
/FF	/FF
/TP	/TP
GDWP2W	GDWP2W
GDWP2P	GDWP2P
SHC2A	SHC2W
SHR2A	SHR2W

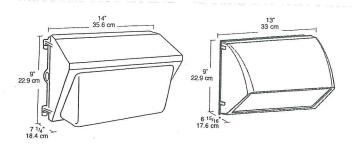
Bronze WP2CORK

White WP2CORKW

The state of the s	The state of the s
Replacement Lamps	Replacement Ballasts
LHPS70	BHPSH70
LHPS70	BHPSH70QT
LHPS100	BHPSN100
LHPS100	BHPSH100
LHPS100	BHPSH100QT
LHPS150	BHPSN150
LHPS150	BHPSH150QT
LMH70	BMHN70
LMH100	BMHH100QT
LMH125PS	BMH125PSQ
LMH150PS	BMH150PSQ
LMH150	BMHH175*
LMH150	BMHH175QT
LMH175	BMHH175
LMH175 🐪	BMHH175QT
LCFL42	BCFL42QT

★ 175 watt Ballasts are used for 150 w MH lamp.

#### Dimensions



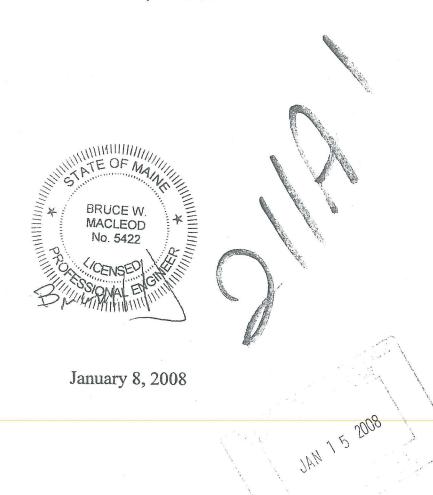
SIDEWALKS



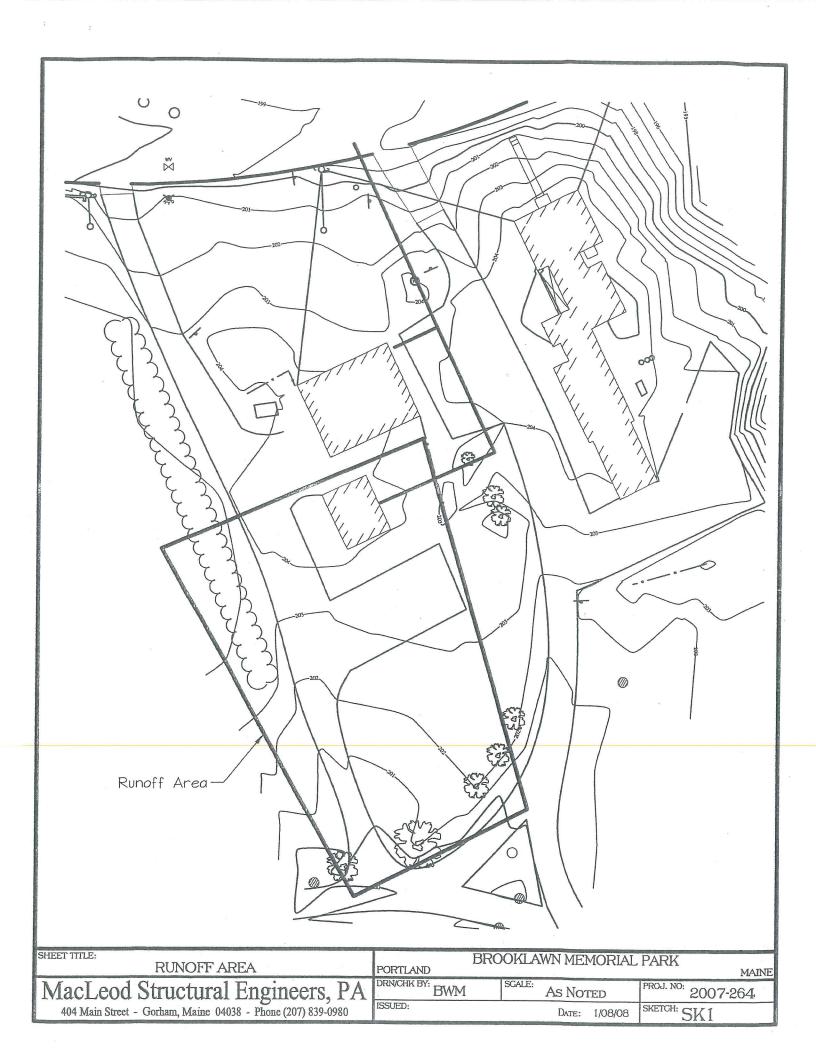
#### MacLeod Structural Engineers, P.A.

#### **RUNOFF CALCULATIONS**

BROOKLAWN MEMORIAL PARK NEW MAINTENANCE BUILDING 2002 CONGRESS STREET PORTLAND, MAINE



PAGES 1-6



#### WinTR-55 Current Data Description

#### --- Identification Data ---

User:

State:

bwm

Project: Brooklawn1

SubTitle: existing

Maine

Cumberland Se

County:

Date: Units:

1/11/2008 English

Areal Units: Acres

Filename: C:\Documents and Settings\Bruce\Application Data\WinTR-55\brklawn1\_1.w55

#### --- Sub-Area Data ---

Name	Description	Reach	Area(ac)	RCN	Tc
sal	lawn, gravel drive	Outlet	0.56	83	0.1

Total area: .56 (ac)

#### --- Storm Data --

#### Rainfall Depth by Rainfall Return Period

2-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	1-Yr
(in)	(in)	(in)	(in)	(in)	(in)	(in)
3.0	4.0	4.7	5.5	6.0	6. 7	2.5

Storm Data Source:

Cumberland Se County, ME (NRCS)

Rainfall Distribution Type:

Dimensionless Unit Hydrograph: <standard>

Type II



#### Brooklawn1 existing Cumberland Se County, Maine

#### Storm Data

#### Rainfall Depth by Rainfall Return Period

2-Yr (in)	5-Yr (in)	10-Yr (in)	25-Yr (in)	50-Yr (in)	100-Yr (in)	1-Yr (in)
3.0	4.0	4.7	5.5	6.0	6.7	2.5

Storm Data Source:

Rainfall Distribution Type:

Cumberland Se County, ME (NRCS)

Rainfall Distribution Type: Type II
Dimensionless Unit Hydrograph: <standard>

#### Brooklawn1 existing Cumberland Se County, Maine

#### Sub-Area Summary Table

Sub-Area Identifier	Drainage Area (ac)	Time of Concentration (hr)	Curve Number	Receiving Reach	Sub-Area Description
sal	. 56	0.100	83	Outlet	lawn, gravel drive
m / 3 3	56 /				

Total Area: .56 (ac)



#### Brooklawn1 existing Cumberland Se County, Maine

#### Sub-Area Time of Concentration Details

Sub-Area Identifier/	Flow Length (ft)	Slope (ft/ft)	Mannings's n	End Area (sq ft)	Wetted Perimeter (ft)	Velocity (ft/sec)	Travel Time (hr)
sal "							
SHEET	99	0.0267	0.060				0.072
SHALLOW	50	0.0267	0.050				0.005
				Ti	me of Conce	ntration	0.1
						=	======

#### Brooklawn1 existing Cumberland Se County, Maine

#### Sub-Area Land Use and Curve Number Details

Sub-Area Identifia			Hydrologic Soil Group	Sub-Area Area (ac)	Curve Number
sal	Open space; grass cover > 75% Gravel (w/ right-of-way)	( good)	) C C	. 24	74 89
	Total Area / Weighted Curve Number			. 56 ===	83

#### Brooklawn1 existing Cumberland Se County, Maine

#### Watershed Peak Table

Sub-Area or Reach Identifier	Peak 25-Yr (cfs)	Flow by	Rainfall	Return	Period	
SUBAREAS sal	3.11					
REACHES						
OUTLET	3.11					

#### WinTR-55 Current Data Description

#### --- Identification Data ---

User:

bwm

Project: Brooklawn1

SubTitle: post-development

Date:

1/11/2008

Units:

English

State: County:

Maine

Cumberland Se

Areal Units: Acres

Filename: C:\Documents and Settings\Bruce\Application Data\WinTR-55\brklawn2\_2.w55

#### --- Sub-Area Data ---

Name	Description	Reach	Area(ac)	RCN	Tc
sal	lawn, gravel drive,	bldg Outlet	0.56	86	0.1
m i 1	56 / )				

Total area: .56 (ac)

#### --- Storm Data --

#### Rainfall Depth by Rainfall Return Period

2-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	1-Yr
(in)	(in)	(in)	(in)	(in)	(in)	(in)
3.0	4.0	4.7	5.5	6.0	6.7	2.5

Storm Data Source:

Cumberland Se County, ME (NRCS)

Rainfall Distribution Type:

Type II

Dimensionless Unit Hydrograph: <standard>



#### Brooklawn1 post-development Cumberland Se County, Maine

#### Storm Data

#### Rainfall Depth by Rainfall Return Period

2-Yr	5-Yr	10-Yr	25-Yr	50-Yr	100-Yr	1-Yr
(in)	(in)	(in)	(in)	(in)	(in)	
3.0	4.0	4.7	5.5	6.0	6.7	2.5

Storm Data Source:

Cumberland Se County, ME (NRCS)

Rainfall Distribution Type: Type II
Dimensionless Unit Hydrograph: <standard>

Ĵ,

bwm

#### Brooklawn1 post-development Cumberland Se County, Maine

#### Sub-Area Summary Table

Sub-Area Identifier	Drainage Area (ac)	Time of Concentration (hr)	Curve Number	Receiving Reach	100	b-Area criptio	n	
sal	. 56	0.100	86	Outlet	lawn,	gravel	drive,	bldg
Total Area:	.56 (ac	)						

# Brooklawnl post-development Cumberland Se County, Maine

#### Sub-Area Time of Concentration Details

Sub-Area Identifier/	Flow Length (ft)	Slope (ft/ft)	Mannings's n	End Area (sq ft)	Wetted Perimeter (ft)	Velocity (ft/sec)	Travel Time (hr)
sal							
SHEET	99	0.0267	0.060				0.072
SHALLOW	50	0.0267	0.050				0.005
				Tı	me of Conce	ntration	0.1
						=	======

17)

bwm

#### Brooklawnl post-development Cumberland Se County, Maine

#### Sub-Area Land Use and Curve Number Details

Sub-Area Identifie		Hydrologic Soil Group	Sub-Area Area (ac)	Curve Number
sa1	Open space; grass cover > 75% (good Paved parking lots, roofs, driveways Gravel (w/ right-of-way)	) C C C	. 19 . 11 . 26	74 98 89
	Total Area / Weighted Curve Number		. 56 ===	86 ==

(/2)

bwm

### Brooklawn1 post-development Cumberland Se County, Maine

#### Watershed Peak Table

Sub-Area or Reach Identifier	Peak Flow by Rainfall Return Period 25-Yr (cfs)
SUBAREAS sal	3.34
REACHES	
OUTLET	3.34

THE , WASTE DETENTION IS NOT KEED.



225 DOUGLASS STREET

P.O. BOX 3553

PORTLAND, ME 04104-3553

P: 207.774.5961

F: 207.761.8307

WWW.PWD.ORG



March 25, 2008

Brooklawn Memorial Park 2002 Congress Street Portland, ME 04102

Attn: Dave Morgan

Re: Ability to serve with PWD water

Dear Mr. Morgan:

This letter is to confirm that there should be an adequate supply of clean and healthful water to serve the domestic needs of the proposed building/house at 2002 Congress Street in Portland. According to District records, there is a 12" water main on the south side of the street as well as a hydrant located in front of the property.

The current data from the nearest hydrant is shown below.

Hydrant Location: Congress St 500'east of Johnson Rd

Hydrant Number: POD-HYD001395

Static Pressure: 74
Residual Pressure: 54

Flow: 1233

Last Tested: 6/19/1991

Please notify your mechanical engineer of these results so that they can design your system to best fit the noted conditions. Also, please contact your local fire department to determine if the fire service capacity is sufficient for your needs. If the District can be of further assistance in this matter, please let us know.

Sincerely,

Portland Water District

David W. Coffin, PLS

Engineering Supervisor

dcoffin@pwd.org



# Portland Water District Hydrant and the flow test data if existing

# WATER-PORTLAND/DEERING (Area: 27)

Flow Inspection Comments gpm			0	0.00 1233	1186	1321	×
Flow a 20			0	0.00			
Pito2 Press.				.00	50.00	.00	
Pito 1		2			50	62	
Coef.		SE #2015		395 0.5			
Flow Hyd.		00' E OF JOHNSON RD OPPOSITE HOUSE #2015		POD-HYD01395 0.90			
Res.		NRDO	80	74	70	62	
Static Psi		OHINSO	•				
Date Completed		500' E OF J	04/07/2003				
Insp. Date		T.	04/07/2003	06/19/1991	06/18/1991	08/14/1986	RING: 1
Activity Insp. #		CONGRESS ST	30370	21740	21739	21738	AND/DEE!
			STATIC	HYTEST 21740			R-PORTI
Pres.	ISF: Total 1	POD-HYD01395	267				Total for WATER-PORTLAND/DEERING: 1

# Grand Total: 1

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May 15, 2009

City of Portland Planning Board Zoning Board of Appeals 389 Congress Street Portland, ME. 04101

To Whom It May Concern:

Please accept this letter as an introduction to Robert Sanford Jr. Mr. Sanford has been retained to represent Brooklawn Memorial Park, and David R. Morgan, its owner on all matters regarding the acquisition of zoning approvals, site approvals and other necessary applications including building permits to construct a maintenance building at Brooklawn Memorial Park.

Thank you for your consideration.

Sincerely,

David R. Morgan



City of Portland Planning & Development Dept. 389 Congress St. Portland, Me 04101

Re: Brooklawn Memorial Park Construction of Maintenance Building.

Att: Planning Division:

We at Brooklawn Memorial Park are requesting permission to construct a 4864Sq. Ft. Maintenance Building on our property located at 2002 Congress Street.

We have applied for, and been approved by the Zoning Board of Appeals for a conditional use application. Copy of application and approval is enclosed.

We also have previously submitted and been approved for a minor site plan on May 01,2008. This application is the same design and drawings that were submitted last year.

This new maintenance building will be located behind our existing building and will be used for storage of our equipment and associated tools and markers. The proposed building will not generate any more traffic or activity on the grounds of the cemetery. This building will have no parking issues or areas nor does it have any sidewalk access or foot traffic nearby. It will have no pavement or running water. It will be surrounded by an existing gravel driveway and a grassy area that will be maintained.

We have included a detailed site plan as well as runoff calculations along with photos of the property and a tax map. Also are details of the lighting specs and a letter from the Portland Water District addressing water and hydrant issues.

At this time we ask for the planning department approval so we may move forward with permitting and building.

Sincerely,

Robert Sanford

# CITY OF PORTLAND, MAINE ZONING BOARD OF APPEALS

Peter Coyne
Philip Saucier-chair
Deborah Rutter
Jill E. Hunter
Gordan Smith-secretary
William Getz
Sara Moppin

June 22, 2009

David Morgan Brooklawn Memorial Park 2002 Congress Street Portland, ME 04102

RE:

1994-2044 Congress Street

CBL:

211 A001, 209A A015, 211 A004, 214 A001 and 214 A004

ZONE:

R1 and B4

Dear Mr. Morgan:

As you know, at the June 18, 2009 meeting, the Zoning Board voted 7-0 to grant your Conditional Use Appeal for one year.

Enclosed please find a copy of the board's decision.

The inspections office still needs an approved minor site plan, which is applied for in the planning department, located on the fourth floor. This will allow the inspections office to accept your new construction permit application to build the new maintenance building for the cemetery. Enclosed is an application for your new construction. You have 12 months from the date of June 18, 2009, referenced under section 14-474 (f) to apply for the new construction permit, or your Zoning Board approval will expire.

Appeals from decisions of the Board may be filed in Superior Court, pursuant to 30-A M.R.S.A. section 2691 (2) (G).

Should you have any questions please feel free to contact me at 207-874-8701.

Sincerely,

Gayle Guertin Office Assistant

CC: Robert Langford JR., owner

file

#### CITY OF PORTLAND, MAINE **ZONING BOARD OF APPEALS**

R-1 Residential Zone (Cemetery Use):

Conditional Use Appeal

DECISION

Date of public hearing:

June 18, 2009

Name and address of applicant:

Brooklawn Memorial Park

2002 Congress Street Portland, Maine 04102

Location of property under appeal: 1994-2002 Congress Street

For the Record:

Names and addresses of witnesses (proponents, opponents and others):

Foher Sanford, For ApplicanT

Exhibits admitted (e.g. renderings, reports, etc.):

170	1.	CT		0-	nclusions		T
Hin	annog	OT PACE	and	( .Or	icilisions	5 01	I aw
7 777	UIIIED	OI I WOL	MILL	COI	TATAMATATI	, 01	200.11

Applicant is proposing to replace its maintenance barn with a new 60' x 80' building. The building will be located at the back end of the lot, on property that was merged with the cemetery in 1937.

	the cemetery in 1937.
×	A. Conditional Use Standards pursuant to Portland City Code §14-68(c)(2):
	1. The use applied for is a cemetery use.
	Satisfied Not Satisfied
	Reason and supporting facts: Self-evident, per appliestran
	B. Conditional Use Standards pursuant to Portland City Code §14-474(c)(2):
	1. There are unique or distinctive characteristics or effects associated with the proposed conditional use.  Yes No
	Reason and supporting facts:  Proposed structure is The kind normally used fore Storage at This site. One-Storey Buildry w/out Pluning has no distruct characteristics in location/siz
Ţ	2. There will be an adverse impact upon the health, safety, or welfare of the public or the surrounding area.
	Yes No <u> </u>
	Reason and supporting facts:
	no increase in workforce / Frashe / use at site

3. Such impact differs substantially from the impact which would normally occur from such a use in that zone.
Yes No
Reason and supporting facts: No Apparent difference between this and an
other storage facility
Conclusion: (check one)
Option 1: The Board finds that the standard described in section A above has been satisfied and that not all of the conditions (1 through 3) described in section B above are present, and therefore GRANTS the application.
Option 2: The Board finds that the standard described in section A above has been satisfied, and that while not all of the conditions (1 through 3) described in section B above are present, certain additional conditions must be imposed to minimize adverse effects on other property in the neighborhood, and therefore GRANTS the application SUBJECT TO THE FOLLOWING CONDITIONS:
Term of 1 year.
Option 3: The Board finds that the standard described in section A above has NOT all been satisfied and/or that all of the conditions (1 through 3) described in section B above are present, and therefore DENIES the application.

O:\OFFICE\FORMS\R-I conditional use appeal (cemetery use).doc

Board Chair

July 7, 20001

#### Site Plan Checklist

Portland, Maine

Department of Planning and Urban Development, Planning Division and Planning Board

799 0004

0 745

Project Name, Address of Project

(The form is to be completed by the Applicant or Designated Representative)

**Application Number** 

	Check Sub	mitted	Required Information	Section 14-525 (b,	,c)
ec	sheet	- +	iceong old mantenama boun		
	Applicant	Staff	2 Oca 11 contration		
	79	V	Standard boundary survey (stamped by a registered surveyor, at a		1
	1	1.0	scale of not less than 1 inch to 100 feet and including:		0
	3	0	Name and address of applicant and name of proposed development		a L
	7	<u>\</u>	* Scale and north points		b
		2	* Boundaries of the site		С
		V	* Total land area of site		d
		0	<ul> <li>* Topography - existing and proposed (2 feet intervals or less)</li> </ul>		e
	-		Plans based on the boundary survey including:		2
		-	* Existing soil conditions		a
		1	* Location of water courses, wetlands, marshes, rock outcroppings and wooded		b
	and an income of the state of t		* Location, ground floor area and grade elevations of building and other structu proposed, elevation drawings of exterior facades, and materials to be used	res existing and	С
		V	* Approx location of buildings or other structures on parcels abutting the site as	nd a zoning	d
		_	not screened summary of applicable dimensional standards (example page 11 of packet)		0
	****	<u> </u>	* Location of on-site waste receptacles		е
	epone in the African Commission and African African	7	Fublic udities		e e
	-	7	* Water and sewer mains		е
	-		* Culverts, drains, existing and proposed, showing size and directions of flows	C 1 1	e
	halping and secure sections.	(	<ul> <li>Location and dimensions, and ownership of easements, public or private right existing and proposed</li> </ul>	s-of-way, both	f
			* Location and dimensions of on-site pedestrian and vehicular access ways		g
		1	* Parking areas		
	***************************************	1	* Loading facilities		g
		7	ne sike Design of ingress and egress of vehicles to and from the site onto public stree	ts	g
		_	Curb and sidewalks		g
F			Landscape plan showing:		h
)			* Location of existing vegetation and proposed vegetation		h
1			* Type of vegetation		h
					h
1			Sweet Quantity of plantings Size of proposed landscaping		h
			* Existing areas to be preserved		h
1	aparatus and a second and a second		* Preservation measures to be employed		h
	and the second second		* Details of planting and preservation specifications		h
	-	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	Location and dimensions of all fencing and screening		i
	Agricultural de la companya de la co	200	Location and intensity of outdoor lighting system		i
	-	- 8	Location of fire hydrants, existing and proposed (refer to Fire Department checklist –	page 11)	k
	-		Written statements to include:	page II)	С
	*****	-	* Description of proposed uses to be located on site		cl
			* Quantity and type of residential, if any		cl
			* Total land area of the site		c2
	Associate administrating parameters	-		building and structure	
			* Total floor area, total disturbed area and ground coverage of each proposed E  General summary of existing and proposed easements or other burdens	runding and structure	c3
	- ide	7			
		7	* Type, quantity and method of handling solid waste disposal	aludina aar	c4
	-		* Applicant's evaluation or evidence of availability of off-site public facilities, in and streets (refer to the wastewater capacity application – page 12)	cluding sewer, water	CO
		~		ant plan a-	c.f
			Description of existing surface drainage and a proposed stormwater managerr description of measures to control surface runoff.	ient plan or	c6
		3	description of measures to control surface funori.		

-		* An estimate of the time period required for completion of the development	7
		* A list of all state and federal regulatory approvals to which the development may be subject to.	8
		the status of any pending applications, anticipated timeframe for obtaining such permits, or letter	:S
		of non-jurisdiction.	
	Name	<ul> <li>Evidence of financial and technical capability to undertake and complete the development including</li> </ul>	ing a
		letter from a responsible financial institution stating that it has reviewed the planned developmen	t and
		would seriously consider financing it when approved.	
*	and resident the second convent	* Evidence of applicant's right title or interest, including deeds, leases, purchase options or other	
		documentation.	
-	-	* A description of any unusual natural areas, wildlife and fisheries habitats, or archaeological sites le	ocated
		on or near the site.	
Continue of the Continue of th		A jpeg or pdf of the proposed site plan, if available.	
		Final sets of the approved plans shall be submitted digitally to the Planning Division, on a CD or DVD, in	1
		AutoCAD format (*,dwg), release AutoCAD 2005 or greater.	

Note: Depending on the size and scope of the proposed development, the Planning Board or Planning Authority may request additional information, including (but not limited to):

- drainage patterns and facilities

- an environmental impact study

- erosion and sedimentation controls to be used during construction
- a parking and/or traffic study emissions
- a wind impact analysis

- a sun shadow study
- a study of particulates and any other noxious
  - a noise study



Planning & Development Department Portland City Hall 389 Congress St Portland, Me 04101

Re: Minor site plan application/Sidewalk waiver request

The Cemetery sits between two entrances to the airport, and is surrounded by an industrial area and the airport on all sides. Congress St. was recently widened by the City to accommodate airport traffic. During that construction the city did not se the need to add sidewalks to the side of the street that the cemetery occupies. In fact the land that the city taken by the widening leaves little or no room for sidewalks to be construction. Also since our proposed building will not incur any foot traffic at all we hereby request a waiver from this requirement.

Thank you for your consideration.

Bob Sanford Agent From:

"Dan Goyette" <DGoyette@woodardcurran.com>

To: Date: "Shukria Wiar" <SHUKRIAW@portlandmaine.gov>

Subject:

7/15/2009 1:51:56 PM 2002 Congress St

Shukria,

I have no comments for the above mentioned project. Please let me know if you have any questions.

Daniel Goyette, PE

41 Hutchins Drive Portland, Maine 04102 Phone: 800-426-4262 Fax: 207-774-6635

Email: dgoyette@woodardcurran.com

July 17, 2009

To: Shukria Wiar

From: David Margolis-Pineo

Re: Public Services Review Comments – 2002 Congress Street, Building Addition

It is my understanding that this project is a renewal of an expired application. The original approval granted the applicant a waiver for the installation of a sidewalk. Public Services still agree to that waiver and have no additional comments on this project.

