

City of Portland, Maine – Building or Use Permit Application 389 Congress Street, 04101, Tel: (207) 874-8703, FAX: 874-8716

Location of Construction: ***159 Ocean Ave. 04103		Owner: ** Kevin M. POW		Phone: 780-0868		Permit No: 990855	
Owner Address: SAA		Lessee/Buyer's Name:		Phone:		BusinessName:	
Contractor Name: Owner		Address:		Phone:		Permit Issued: PERMIT ISSUED AUG 13 1999 CITY OF PORTLAND	
Past Use: 2-Family		Proposed Use: Same		COST OF WORK: \$ 6450.		PERMIT FEE: \$ 66.00	
Proposed Project Description: Erect above ground pool 27 x 52 Circular with 16x38x54 deck.		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied		INSPECTION: Use Group: 1.3 Type: 5B @CCA 9C		Zone: CBL: 139-B-002	
		Signature:		Signature: <i>Heffer</i>		Zoning Approval: 2 in 701	
Permit Taken By: UB		Date Applied For: 8-9-99		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		Special Zone or Reviews:	
				Action: Approved <input type="checkbox"/> Approved with Conditions: <input type="checkbox"/> Denied <input type="checkbox"/>		<input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan maj <input type="checkbox"/> minor <input type="checkbox"/> mm <input type="checkbox"/>	
Signature:		Date:					

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

*Deck to Shed
22" x 23"*

***** Mail To: Kevin M. Powell
159 Ocean Ave.
Portland, ME 04103

**PERMIT ISSUED
WITH REQUIREMENTS**

CERTIFICATION

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

SIGNATURE OF APPLICANT		ADDRESS:		DATE: 8-9-99		PHONE:	
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE						PHONE:	
						CEO DISTRICT ub 2	

COMMENTS

8/30/99 - Met w/ owner on site, concrete piers are in place over well tamped 3/4 stone
Set backs OK, went over protection requirements for Pool. Owner to call
after deck framing

12/10/99 Went to site Deck complete all code compliant, checked stairs, egress, pool access
Handrails. All OK, Close Permit for

Inspection Record

Type	Date
Foundation: _____	_____
Framing: _____	_____
Plumbing: _____	_____
Final: _____	_____
Other: _____	_____

BUILDING PERMIT REPORT

DATE: 10 Aug. 99 ADDRESS: 159 Ocean Ave. CBL: 139-B-002

REASON FOR PERMIT: 159 Ocean Ave.

BUILDING OWNER: Kevin M. Powell

PERMIT APPLICANT: Contractor owner

USE GROUP Swimming Pool w/ deck CONSTRUCTION TYPE _____

The City's Adopted Building Code (The BOCA National Building Code/1996 with City Amendments)
The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)


CONDITION(S) OF APPROVAL

This permit is being issued with the understanding that the following conditions are met: *1, *2, *11, *13, *22, *32, *33, *35, *36

Approved with the following conditions:

- 1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
- 2. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection)
- 3. Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve. The drain shall extend a minimum of 12 inches beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not higher than the bottom of the base under the floor, and that the top of the drain is not less than 6 inches above the top of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of joints or top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2" of gravel or crushed stone, and shall be covered with not less than 6" of the same material. Section 1813.5.2
- 4. Foundations anchors shall be a minimum of 1/2" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' o.c. between bolts. (Section 2305.17)
- 5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code.
- 6. Precaution must be taken to protect concrete from freezing. Section 1908.0
- 7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained.
- 8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating. Private garages attached side-by-side to rooms in the above occupancies shall be completely separated from the interior spaces and the attic area by means of 1/2 inch gypsum board or the equivalent applied to the garage means of 1/2 inch gypsum board or the equivalent applied to the garage side. (Chapter 4, Section 407.0 of the BOCA/1996)
- 9. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code. (The BOCA National Mechanical Code/1993). Chapter 12 & NFPA 211
- 10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
- 11. Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level. Minimum height all Use Groups 42", except Use Group R which is 36". In occupancies in Use Group A, B, H-4, I-1, I-2, M and R and public garages and open parking structures, open guards shall have balusters or be of solid material such that a sphere with a diameter of 4" cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect. (Handrails shall be a minimum of 3e4" but not more than 38". Use Group R-3 shall not be less than 30", but not more than 38".) Handrail grip size shall have a circular cross section with an outside diameter of at least 1 1/4" and not greater than 2". (Sections 1021 & 1022.0) - Handrails shall be on both sides of stairway. (Section 1014.7)
- 12. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
- 13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 3/4" maximum rise. All other Use Group minimum 11" tread, 7" maximum rise. (Section 1014.0)
- 14. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6'8") 1014.4
- 15. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue. The units must be operable from the inside without the use of special knowledge or separate tools. Where windows are provided as means of egress or rescue they shall have a sill height not more than 44 inches (1118mm) above the floor. All egress or rescue windows from sleeping rooms shall have a minimum net clear opening height dimension of 24 inches (610mm). The minimum net clear opening width dimension shall be 20 inches (508mm), and a minimum net clear opening of 5.7 sq. ft. (Section 1018.6)
- 16. Each apartment shall have access to two (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly from the apartment to the building exterior with no communications to other apartment units. (Section 1010.1)

17. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closer's. (Over 3 stories in height requirements for fire rating is two (2) hours.) (Section 710.0)
18. The boiler shall be protected by enclosing with (1)hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. (Table 302.1.1)
19. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code Chapter 9, Section 920.3.2 (BOCA National Building Code/1996), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations):
 - In the immediate vicinity of bedrooms
 - In all bedrooms
 - In each story within a dwelling unit, including basements
 In addition to the required AC primary power source, required smoke detectors in occupancies in Use Groups R-2, R-3 and I-1 shall receive power from a battery when the AC primary power source is interrupted. (Interconnection is required) Section 920.3.2.
20. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0)
21. The Fire Alarm System shall maintained to NFPA #72 Standard.
22. The Sprinkler System shall maintained to NFPA #13 Standard.
23. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1996)
24. Section 25-135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year".
25. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services.
26. Ventilation shall meet the requirements of Chapter 12 Sections 1210.0 of the City's Building Code. (Crawl spaces & attics).
27. All electrical, plumbing and HVAC permits must be obtained by a Master Licensed holders of their trade. No closing in of walls until all electrical (min.72 hours notice) and plumbing inspections have been done.
28. All requirements must be met before a final Certificate of Occupancy is issued.
29. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (the BOCA National Building Code/1996).
30. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical Code (The BOCA National Mechanical Code/1993). (Chapter M-16)
31. Please read and implement the attached Land Use Zoning report requirements.
32. Boring, cutting and notching shall be done in accordance with Sections 2305.4.4, 2305.5.1 and 2305.5.3 of the City's Building Code.
33. Glass and glazing shall meet the requirements of Chapter 24 of the building code.
34. All signage, shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code 1996).
35. All swimming pool requirements shall be met before filling the pool -
36. This permit is being issued with the understanding that the deck is a free standing structure with NO connection to any structure that has a foundation - The lightweight structure shall rest on well drain soil which are compacted in area of precast piers, IF this is NOT the case the piers shall be placed 4" below grade.


B. Samuel Hoffes, Building Inspector

cc: Lt. McDougall, PFD
Marge Schmuckal, Zoning Administrator

PSH 7/24/99

****On the basis of plans submitted and conditions placed on these plans any deviations shall require a separate approval.**

THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE PERMIT IS ISSUED

**Building or Use Permit Pre-Application
Attached Single Family Dwellings/Two-Family Dwelling
Multi-Family or Commercial Structures and Additions Thereto**

In the interest of processing your application in the quickest possible manner, please complete the Information below for a Building or Use Permit.

NOTEIf 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 (include Portion of Building): * 159 OCEAN AVE 04103			
Total Square Footage of Proposed Structure ^{Pool 578 SF.} DECK 608 SF.		Square Footage of Lot 35,000 SF. 15626	
Tax Assessor's Chart, Block & Lot Number Chart# 139 Block# B Lot# 2		Owner <input checked="" type="checkbox"/> KEVIN M. POWELL	Telephone#: 780-0868
Owner's Address: 159 OCEAN AVENUE. PORTLAND, MAINE 04103		Lessee/Buyer's Name (If Applicable)	Cost Of Work: \$4400. #6456. Fee \$66.00 FEE (100.00 late fee)
Proposed Project Description: (Please be as specific as possible) ERECT ABOVE GROUND POOL 29' X 53" CIRCULAR, ERECT ADJACENTLY FREE STANDING RT. DECK. 16' X 38' X 54" w/ TWO 4" WIDE STAIRWAYS OF STANDARD STEP'S RISEL SPEC'S w/ LOCKING SWINGING GATES AT DECK LEVEL. 36" HIGH RT. RAILING w/ PICKETS NLT 4" SPACING			
Contractor's Name, Address & Telephone SELF.			Rec'd By UB
Current Use: NA 2 Fam		Proposed Use: POOL & DECK SAME	

Separate permits are required for Internal & External Plumbing, HVAC and Electrical installation.

- All construction must be conducted in compliance with the 1996 B.O.C.A. Building Code as amended by Section 6-Art II.
- All plumbing must be conducted in compliance with the State of Maine Plumbing Code.
- All Electrical Installation must comply with the 1996 National Electrical Code as amended by Section 6-Art III.
- HVAC (Heating, Ventilation and Air Conditioning) installation must comply with the 1993 B.O.C.A. Mechanical Code.

You must include the following with you application:

- 1) A Copy of Your Deed or Purchase and Sale Agreement
- 2) A Copy of your Construction Contract, if available
- 3) A Plot Plan/Site Plan

Minor or Major site plan review will be required for the above proposed projects. The attached checklist outlines the minimum standards for a site plan.

4) Building Plans

Unless exempted by State Law, construction documents must be designed by a registered design professional.

A complete set of construction drawings showing all of the following elements of construction:

- Cross Sections w/Framing details (including porches, decks w/ railings, and accessory structures)
- Floor Plans & Elevations
- Window and door schedules
- Foundation plans with required drainage and dampproofing
- Electrical and plumbing layout. Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review must be included.

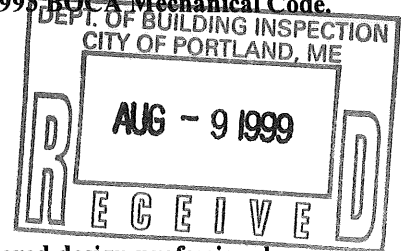
Certification

I hereby certify that I am the Owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his/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.

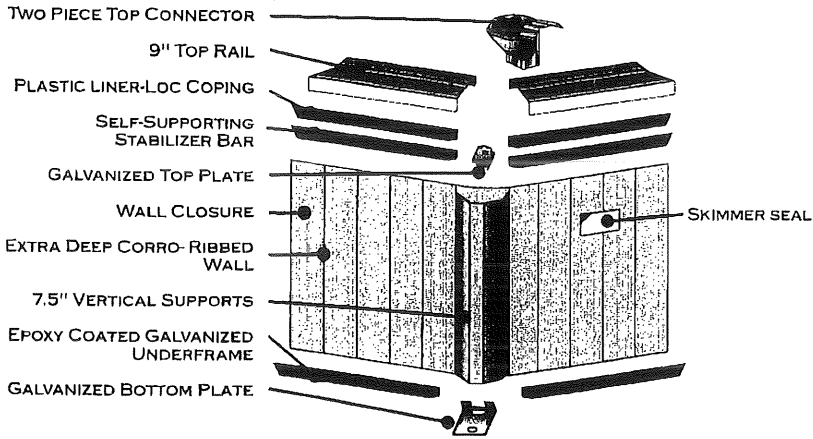
Signature of applicant: <i>Kevin M. Powell</i>	Date: 8/30/99
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Building Permit Fee: \$25.00 for the 1st \$1000. cost plus \$5.00 per \$1,000.00 construction cost thereafter.

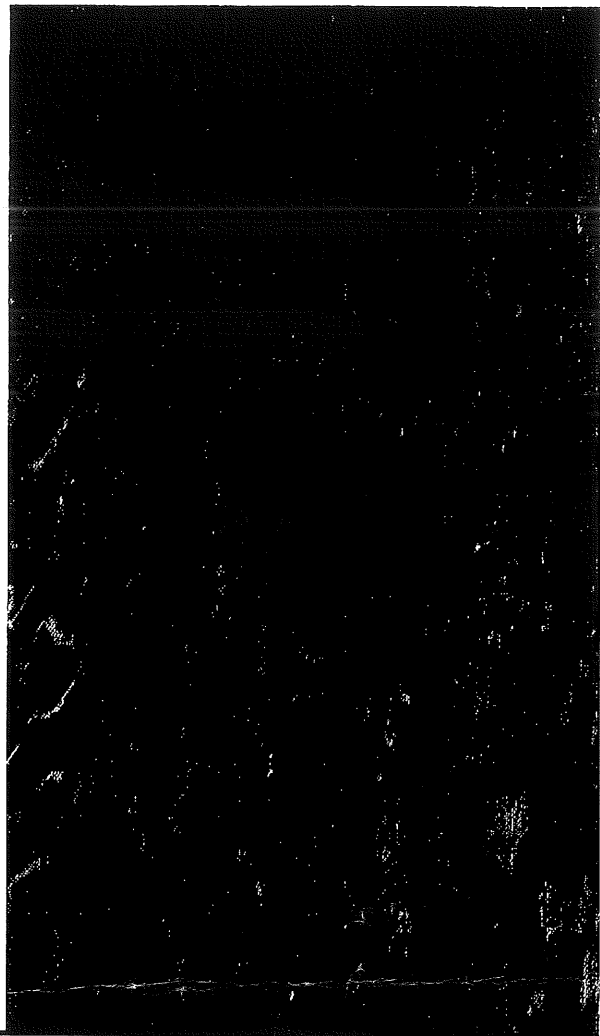
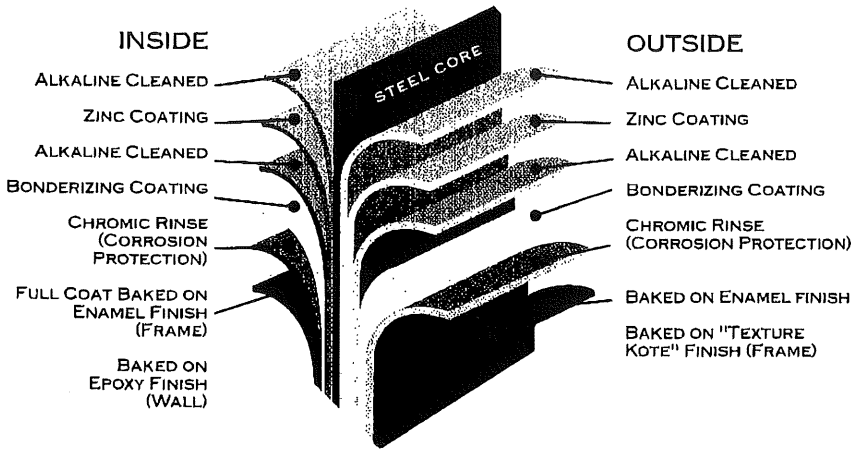
Additional Site review and related fees are attached on a separate addendum

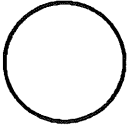
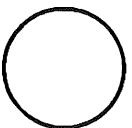




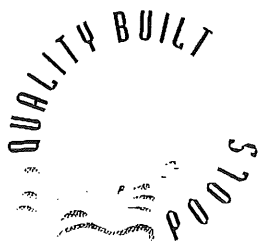
FRAME CONSTRUCTION



WALL & FRAME COATINGS



SHAPE	SIZE/FEET	METRES	VOLUME U.S. GAL	LITRES
ROUND POOL 48" 	15 x 4	4.57 x 1.22	4,715	17,850
	18 x 4	5.49 x 1.22	6,752	25,560
	21 x 4	6.40 x 1.22	9,341	35,360
	24 x 4	7.32 x 1.22	12,133	45,930
	27 x 4	8.23 x 1.22	15,200	57,540
	33 x 4	10.06 x 1.22	22,904	86,701
ROUND POOL 52" 	12 x 52"	3.66 x 1.32	3,196	12,099
	15 x 52"	4.57 x 1.32	5,019	18,997
	18 x 52"	5.49 x 1.32	7,186	27,202
	21 x 52"	6.40 x 1.32	9,941	37,631
	24 x 52"	7.32 x 1.32	12,913	48,881
	27 x 52"	8.23 x 1.32	16,177	61,237
33 x 52"	10.06 x 1.32	25,057	94,851	
OVAL POOL 48" 	12 x 24 x 4	3.66 x 7.32 x 1.22	6,843	25,903
	15 x 30 x 4	4.57 x 9.14 x 1.22	10,692	40,472
	18 x 33 x 4	5.49 x 10.1 x 1.22	13,982	52,929
OVAL POOL 52" 	12 x 24 x 52"	3.66 x 7.32 x 1.32	7,300	27,633
	15 x 30 x 52"	4.57 x 9.14 x 1.32	11,430	43,270
	18 x 33 x 52"	5.49 x 10.1 x 1.32	14,880	56,330



JACUZZI DIATOMACEOUS EARTH FILTER SYSTEM W AUTO CHLORINE DISPENSER (TABLET)

1" = 50'

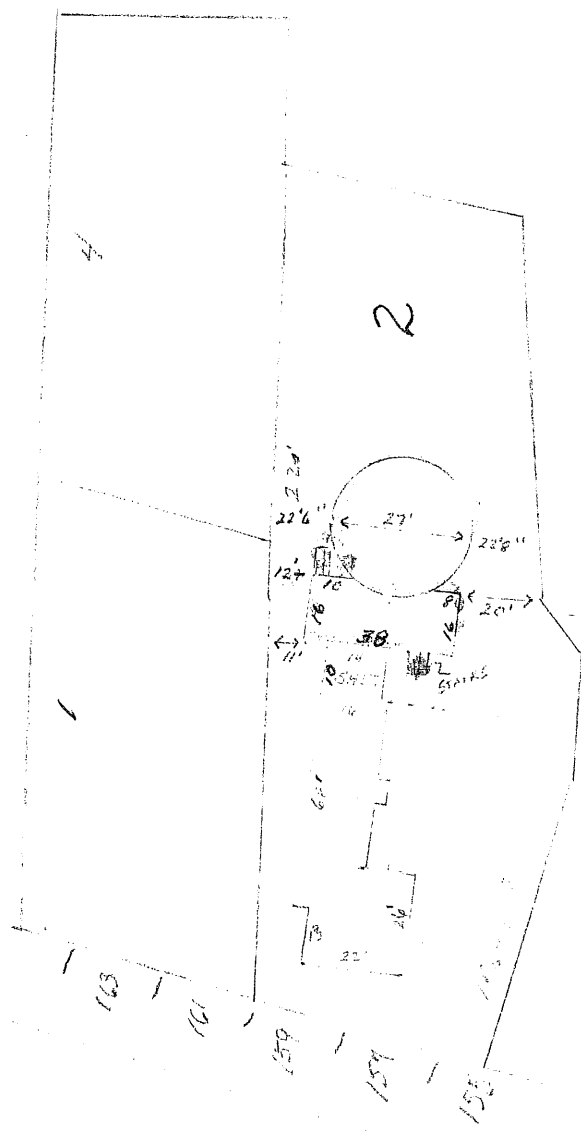


PERMITTED
BY THE
CITY OF AUSTIN

Pool requires
10' All the way
around all SD

Deck requires
8' to the sides
& 25' to rear
OK

AUSTIN



AVENUE

CLEAN