

107-113 CURTIS ROAD



APPLICATION FOR PERMIT
DEPARTMENT OF BUILDING INSPECTIONS SERVICES
ELECTRICAL INSTALLATIONS

Date 4-27, 1979
 Receipt and Permit number A24043

To the CHIEF ELECTRICAL INSPECTOR, Portland, Maine:

The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of Maine, the Portland Electrical Ordinance, the National Electrical Code and the following specifications:

LOCATION OF WORK: 109-113 Cumberland Avenue
 OWNER'S NAME: Carlo Bruni ADDRESS: same

		FEES
OUTLETS:		
Receptacles _____	Switches _____	Plugmold _____
ft. TOTAL _____		
FIXTURES: (number of)		
Incandescent _____	Flourescent _____	(not strip) TOTAL _____
Strip Flourescent _____		ft. _____
SERVICES:		
Overhead <input checked="" type="checkbox"/> _____	Underground _____	Temporary _____
TOTAL amperes <u>100</u>		<u>3 phase</u>
		<u>3.00</u>
METERS: (number of) <u>1</u>		<u>.50</u>
MOTORS: (number of)		
Fractional _____		
1 HP or over _____		
RESIDENTIAL HEATING:		
Oil or Gas (number of units) _____		
Electric (number of rooms) _____		
COMMERCIAL OR INDUSTRIAL HEATING:		
Oil or Gas (by a main boiler) _____		
Oil or Gas (by separate units) _____		
Electric Under 20 kws _____		
Over 20 kws _____		
APPLIANCES: (number of)		
Ranges _____	Water Heaters _____	
Cook Tops _____	Disposals _____	
Wall Ovens _____	Dishwashers _____	
Dryers _____	Compectors _____	
Fans _____	Others (denote) _____	
TOTAL _____		
MISCELLANEOUS: (number of)		
Branch Panels _____		
Transformers _____		
Air Conditioners Central Unit _____		
Separate Units (windows) _____		
Signs 20 sq. ft. and under _____		
Over 20 sq. ft. _____		
Swimming Pools Above Ground _____		
In Ground _____		
Fire/Burglar Alarms Residential _____		
Commercial _____		
Heavy Duty Outlets, 220 Volt (such as welders) 30 amps and under _____		
over 30 amps _____		
Circus, Fairs, etc. _____		
Alterations to wires _____		
Repairs after fire _____		
Emergency Lights, battery _____		
Emergency Generators _____		
		INSTALLATION FEE DUE: _____
FOR ADDITIONAL WORK NOT ON ORIGINAL PERMIT		DOUBLE FEE DUE: _____
FOR REMOVAL OF A "STOP ORDER" (304-16.b)		TOTAL AMOUNT DUE: <u>3.50</u>

INSPECTION:
 Will be ready on 4-27, 1979; or Will Call _____
 CONTRACTOR'S NAME: Mancini Elec.
 ADDRESS: 179 Sheridan St.
 TEL.: 774-5829
 MASTER LICENSE NO.: 2436 SIGNATURE OF CONTRACTOR: [Signature]
 LIMITED LICENSE NO.: _____

INSPECTOR'S COPY — WHITE
 OFFICE COPY — CANARY
 CONTRACTOR'S COPY -- GREEN

PERMIT TO INSTALL PLUMBING

PERMIT NUMBER **1677**

Date Issued **8-7-78**
 Portland Plumbing Inspector
 By: **ERNOLD R GOODWIN**

Address: **111 Curtis Road**
 Installation For: **one family**
 Owner of Bldg: **Howard Vxxx Beresi**
 Owner's Address: **same**
 Number: **W. W. Johnson-120 Summit st** Date: **8-7-78**

App. First Insp.
 Date
 By

App. Final Insp.
 Date
 By

- Type of Bldg.
- Commercial
 - Residential
 - Single
 - Multi Family
 - New Construction
 - Remodeling

NEW TRIPPL			
	SINKS		
	LAVATORIES		
	TOILETS		
	BATH TUBS		
	SHOWERS		
	WATER HEATERS		
	HOT WATER TAPS		
	TANKLESS WATER HEATERS		
	DRAINAGE DISPOSALS		
	SEPTIC TANKS		
XX	HOUSE SEWERS	1	2.00
	ROOF LEAKERS		
	AUTOMATIC WASHERS		
	DISH WASHERS		
	OTHER	base fee	3.00
		TOTAL	5.00

AUG 7 1978
 ERNOLD R GOODWIN

Building and Inspection Services Dept.: Plumbing Inspection

Lot 10 Curtis Road

Nov. 13, 1967

Charles H. Hanson Co., Inc.
193 Allen Avenue

Gentlemen:

Permit to construct 2-story frame dwelling 24'x32' with open breezeway 10'x12' and attached two car frame garage 22'x22' at the above named location is being issued subject to the requirements of the Plumbing Inspector that a septic tank disposal system 160'x3'x3' be provided.

Very truly yours,

A. Allan Soule
Inspector II

AAS:m

CITY OF PORTLAND, MAINE
 DEPARTMENT of BUILDING INSPECTION
 NOTICE RELATING TO SEWAGE DISPOSAL

x means copy sent to the parties (date) November 13, 1967
 Location Lot 10 Curtis Road Description Single family dwelling with 2-car garage.
 Owner and Address Charles H Hanson Co. Inc. 193 Allen Ave.
 Contractor and Address " " " " "
 Architect or Engineer and Address _____
 Actual Area of Lot 14,000 Sq. Ft. Zone R-2 Residence
 Area required by Zoning Ord. if sewer were available 8,000 sq.ft.

Where septic tank systems are required for sewage disposal, the Zoning Ordinance provides that the least allowable area of the lot shall be determined by the rate of percolation of the soil, this being the capacity of the soil to allow liquids to pass through as determined by tests. The Building Code directs that, where a septic tank is to be used, a building permit shall not be issued unless the proposed method of sewage disposal has been approved by the Director of Health.

Since application for the above permit indicates that connection to a sewer is not possible, it is necessary for the owner or his agent to file a site plan with the Health Department, to explain the method of sewage disposal proposed, and to make arrangements for a percolation test to be made under supervision of that department.

After the rate of percolation has been determined, the Director of Health will notify this department of the area of lot required on the basis of the results of the test. If the lot area required by the tests is equal to or less than the actual area of the lot and not less than the minimum lot area required in the zone in which the property is located for cases where connection to a sewer is available, the building permit can be issued; otherwise the permit cannot be issued unless authorization is secured from the Board of Appeals.

Gerald E. Mayberry
 Director of Building Inspections

2 copies to Health Director

 (This space for Health Department use)

Inspector of Buildings

Rate of Percolation is 15 minutes. On this basis area required by zoning Ordinance is 11800 sq. feet.

Comments in event zoning appeal is filed: 2 Bed Rm 120 x 3 x 3
3 " " 160 x 3 x 3

Greg



APPLICATION FOR PERMIT

Class of Building or Type of Structure Third Class
Portland, Maine, November 3, 1967

RECEIVED
NOV 13 1967

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

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

Location Lot 10 Curtis Road Within Fire Limits? _____ Dist. No. _____
 Owner's name and address Charles H Hanson Company Inc. 193 Allen Ave. Telephone _____
 Lessee's name and address _____ Telephone _____
 Contractor's name and address owners Telephone 797-3335
 Architect _____ Specifications _____ Plans yes No. of sheets 6
 Proposed use of building Dwelling & Garage No. families 1
 Last use _____ No. families _____
 Material frame No. stories 2 Heat _____ Style of roof _____ Roofing _____
 Other buildings on same lot _____ Fee \$ 32.00
 Estimated cost \$ 16,000.00

General Description of New Work

To construct 2-story frame dwelling 24' x 32' with open breezeway 10' x 12' and attached two car frame garage 22' x 22'.

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

Details of New Work

Is any plumbing involved in this work? yes Is any electrical work involved in this work? yes
 Is connection to be made to public sewer? no If not, what is proposed for sewage? septic tank
 Has septic tank notice been sent? _____ Form notice sent? yes
 Height average grade to top of plate 18' Height average grade to highest point of roof 24'
 Size, front 10' depth 12' stories 2 solid or filled land? solid earth or rock? earth
 Material of foundation concrete Thickness, top 11" bottom 11" cellar 7'6"
 Kind of roof pitch Rise per foot 6" Roof covering Asphalt Class C Under Label.
 No. of chimneys 1 Material of chimneys brick of lining tile Kind of hearth f.h. water fuel oil
 Framing Lumber—Kind hemlock Dressed or full size? dressed Corner posts 4x5 Sills 4x6
 Size Girder 6x10 Columns under girders Lally Size 3 1/2" Max. or centers 7'
 Studs (outside walls and carrying partitions) 2x4-16" O. C. Bridging in every floor and flat roof span over 8 feet. gar.
 Joists and rafters: 1st floor 2x10 2x8-breez. 2x10 3rd 2x10-ceiling timb. 2x8-2x8
 On centers: 1st floor 16" 16" 2nd 16" 3rd 16" roof 16" 16"
 Maximum span: 1st floor 12' 8' 2nd 12' 3rd _____ roof 11'
 If one story building with masonry walls, thickness of walls? _____ height? _____

If a Garage

No. cars now accommodated on same lot 0 to be accommodated 2 number commercial cars to be accommodated no
 Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? none

Miscellaneous

Will work require disturbing of any tree on a public street? no
 Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? yes

APPROVED:

O.K. 11/13/67 Allen w/ letter

Charles H Hanson Company Inc.

CS 301

INSPECTION COPY

Signature of owner

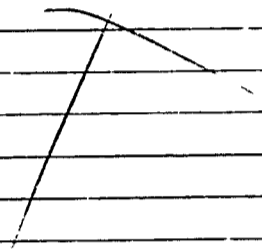
by:

Charles Hanson

7/11

NOTES

11/15/67 - Form inspection
 made. HH
 2/21/68 - left C-1
 to ... HH
 7/12/68 - not to be
 issued HH



Permit No. 11/12/67
 Location: 1010 W. 1st Street
 Owner: Charles W. Hansen & Sons
 Date of permit: 11/14/67
 Next closing-in
 Foreign closing-in
 Final Inspr.
 Cert. of Occupancy issued 7/10/68
 Stake - Out Notice
 Form Check Notice



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT FOR HEATING, COOKING OR POWER EQUIPMENT

Portland, Maine, April 17, 1968

RECEIVED
APR 18 1968
CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location: Lot 10 Curtis Road Use of Building: Dwelling No. Stories: New Building Existing:

Name and address of owner of appliance: Charles Hanson, 193 Allen Ave. Telephone: _____

Installer's name and address: Breggy Oil Co., 84 Congress St. Telephone: _____

General Description of Work

To install oil fired forced hot water heating system

IF HEATER, OR POWER BOILER

Location of appliance: basement Any burnable material in floor surface or beneath? no

If so, how protected? Kind of fuel? oil

Minimum distance to burnable material, from top of appliance or casing top of furnace: 3'

From top of smoke pipe: 3' From front of appliance: 4' From sides or back of appliance: 3'

Size of chimney flue: 8x8 Other connections to same flue: none

If gas fired, how vented? Rated maximum demand per hour: _____

Will sufficient fresh air be supplied to the appliance to insure proper and safe combustion? yes

IF OIL BURNER

Name and type of burner: ABC Labelled by underwriters' laboratories? yes

Will operator be always in attendance? Does oil supply line feed from top or bottom of tank? bottom

Type of floor beneath burner: concrete Size of vent pipe: 1 1/2"

Location of oil storage: basement Number and capacity of tanks: 1-275 gal.

Low water shut off: Make: No.

Will all tanks be more than five feet from any flame? yes How many tanks enclosed? _____

Total capacity of any existing storage tanks for furnace burners: none

IF COOKING APPLIANCE

Location of appliance: Any burnable material in floor surface or beneath? _____

If so, how protected? Height of Legs, if any: _____

Skirting at bottom of appliance? Distance to combustible material from top of appliance? _____

From front of appliance: From sides and back: From top of smokepipe: _____

Size of chimney flue: Other connections to same flue: _____

Is hood to be provided? If so, how vented? Forced or gravity? _____

If gas fired, how vented? Rated maximum demand per hour: _____

MISCELLANEOUS EQUIPMENT OR SPECIAL INFORMATION

Amount of fee enclosed: 2.00 (\$2.00 for one heater, etc., \$1.00 additional for each additional heater, etc., in same building at same time.)

APPROVED:

O. K. E. S. S. 4/17/68

Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? yes

Breggy Oil Co.

Signature of Installer By: *[Signature]*

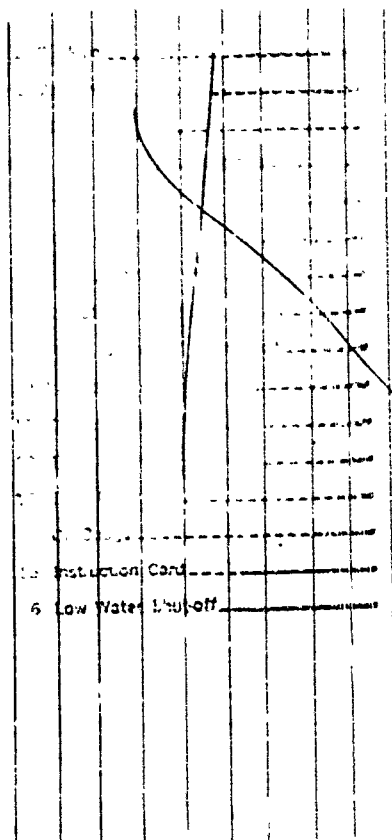
CS 300

INSPECTION COPY

P.H.

Permit No. 251326
Location Top of Hurst Road
Owner Charles Hammon
Date of permit 4/18/68
Approved 7/16/68

NOTES



CITY OF PORTLAND, MAINE

Application for Permit to Install Wires

Permit No.
 Issued
 Portland, Maine .. 4/17 .., 1968

To the City Electrician, Portland, Maine:

The undersigned hereby applies for a permit to install wires for the purpose of conducting electric current, in accordance with the laws of Maine, the Electrical Ordinance of the City of Portland, and the following specifications:

(This form must be completely filled out — Minimum Fee, \$1.00)

Owner's Name and Address Chs. H. H. H. H. Tel.
 Contractor's Name and Address B. B. B. B. Co. 84 Commercial Tel. 772-4631
 Location 1170 Curtis Rd. Use of Building Dwelling (1 Family)
 Number of Families 1 Apartments Stores Number of Stories 2
 Description of Wiring: New Work Additions Alterations

Pipe Cable Metal Molding BX Cable Plug Molding (No. of feet)

No. Light Outlets Plugs Light Circuits Plug Circuits

FIXTURES: No. Light Switches Fluor. or Strip Lighting (No. feet)

SERVICE: Pipe Cable Underground No. of Wires Size

METERS: Relocated Added Total No. Meters

MOTORS: Number Phase H. P. Amps Volts Starter

HEATING UNITS: Domestic (Oil) ✓ No. Motors Phase H.P.
 Commercial (Oil) No. Motors Phase H.P.
 Electric Heat (No. of Rooms)

APPLIANCES: No. Ranges Watts Brand Feeds (Size and No.)

Elec. Heaters Watts

Miscellaneous Watts Extra Cabinets or Panels

Transformers Air Conditioners (No. Units) Signs (No. Units)

Will commence 19 Ready to cover in 19 Section 19

Amount of Fee \$.....

Signed [Signature]

DO NOT WRITE BELOW THIS LINE

SERVICE METER GROUND

VISITS: 1 2 3 4 5 6

..... 7 8 9 10 11 12

REMARKS:

INSPECTED BY [Signature]
 (OVER)

LOCATION *Curtis Rd. Lot #10*
 INSPECTION DATE *5/7/68*
 WORK COMPLETED *5/7/68*
 TOTAL NO. INSPECTIONS *1*
 REMARKS:

FEES FOR WIRING PERMITS EFFECTIVE JULY 31, 1963

WIRING

1 to 30 Outlets (including switches) \$ 2.00
 31 to 60 Outlets (including switches) 3.00
 Over 60 Outlets, each Outlet (including switches) .05
 (Each twelve feet or fraction thereof of fluorescent lighting or any type of plug molding will be classed as one outlet).

SERVICES

Single Phase 2.00
 Three Phase 4.00

MOTORS

Not exceeding 50 H.P. 3.00
 Over 50 H.P. 4.00

HEATING UNITS

Domestic (Oil) 2.00
 Commercial (Oil) 4.00
 Electric Heat (Each Room) .75

APPLIANCES

Ranges, Cooking Tops, Ovens, Water Heaters, Disposals, Dishwashers, etc. — Each Unit 1.50

TEMPORARY WORK (Limited to 6 months from date of permit)

Service, Single Phase 1.00
 Service, Three Phase 2.00
 Wiring 1-50 Outlets 1.00
 Wiring each additional outlet over 50 .02

CITY OF PORTLAND, MAINE
Application for Permit to Install Wires

Permit No. 56601
 Issued 2/21/68
 Portland, Maine, Feb. 20, 1968

To the City Electrician, Portland, Maine:

The undersigned hereby applies for a permit to install wires for the purpose of conducting electric current, in accordance with the laws of Maine, the Electrical Ordinance of the City of Portland, and the following specifications:

(This form must be completely filled out — Minimum Fee, \$1.00)

Owner's Name and Address C. H. Hanson, Esq. Tel. _____
 Contractor's Name and Address A. W. Carney Tel. _____
 Location Lot 10 Curtis Rd Use of Building Home
 Number of Families 1 Apartments _____ Stores _____ Number of Stories _____
 Description of Wiring: New Work Additions _____ Alterations _____

Pipe _____ Cable _____ Metal Molding _____ BX Cable _____ Plug Molding (No. of feet) _____
 No. Light Outlets 24 Plugs 34 Light Circuits _____ Plug Circuits _____
 FIXTURES: No. Light Switches 19 Fluor. or Strip Lighting (No. feet) _____
 SERVICE: Pipe _____ Cable Underground _____ No. of Wires 3 Size 100 amp.
 METERS: Relocated _____ Added _____ Total No. Meters _____
 MOTORS: Number _____ Phase _____ H. P. _____ Amps _____ Volts _____ Starter _____
 HEATING UNITS: Domestic (Oil) _____ No. Motors _____ Phase _____ H.P. _____
 Commercial (Oil) _____ No. Motors _____ Phase _____ H.P. _____
 Electric Heat (No. of Rooms) _____
 APPLIANCES: No. Ranges 1 Watts _____ Brand Fuses (Size and No.) _____
 Elec. Heaters _____ Watts _____
 Miscellaneous _____ Watts _____ Extra Cabinets or Panels _____
 Transformers _____ Air Conditioners (No. Units) _____ Signs (No. Units) _____
 Will commence Feb 1968 Ready to cover in Feb 1968 Inspection Feb 1968
 Amount of Fee \$ 6.50

Signed James W. Carney

DO NOT WRITE BELOW THIS LINE

SERVICE METER _____ GROUND

VISITS: 1	2	3	4	5	6
7	8	9	10	11	12

REMARKS:

INSPECTED BY F. W. Hartman
 (OVER)

CS 283

See 2/21/68

LOCATION *Curtis Rd. lot #10*
 INSPECTION DATE *2/21/68*
 WORK COMPLETED *2/21/68*
 TOTAL NO. INSPECTIONS *1*
 REMARKS:

FEE SCHEDULE FOR WIRING PERMITS EFFECTIVE JULY 31, 1963

WIRING	
1 to 30 Outlets	(including switches) \$ 2.00
31 to 60 Outlets	(including switches) 3.00
Over 60 Outlets, each Outlet	(including switches) .05
(Each twelve feet or fraction thereof of fluorescent lighting or any type of plug molding will be classed as one outlet).	
SERVICES	
Single Phase	2.00
Three Phase	4.00
MOTORS	
Not exceeding 50 H.P.	3.00
Over 50 H.P.	4.00
HEATING UNITS	
Domestic (Oil)	2.00
Commercial (Oil)	4.00
Electric Heat (Each Room)	.75
APPLIANCES	
Ranges, Cooking Tops, Ovens, Water Heaters, Disposals, Dishwashers, etc. — Each Unit	1.50
TEMPORARY WORK (limited to 6 months from date of permit)	

PERMIT TO INSTALL PLUMBING

FD - 8 1962

Date Issued **2/2/68**
 Portland Plumbing Inspector
 By **ERNOLD R. GOODWIN**

App. First Insp.
 Date **2-23-68**
 By **G. M. M.**

App. Final Insp.
 Date **MAY 1968**
 By **ERNOLD R. GOODWIN**
 CHIEF PLUMBING INSPECTOR

- Type of Bldg.
- Commercial
 - Residential
 - Single
 - Multi Family
 - New Construction
 - Remodeling

Address Lot 10 Curtis Road		PERMIT NUMBER 18030	
Installation For: Dwelling			
Owner of Bldg.: Charles Hanson			
Owner's Address: 193 Allen Avenue			
Plumber: William H. Carr		Date: 2/2/68	
NEW	REPL.	NO.	FEES
1		1	2.00
2		2	4.00
2		2	4.00
1		1	.60
1		1	.60
1		1	.60
1		1	2.00
1		1	.60
		TOTAL	14.40

Building and Inspection Services Dept.: Plumbing Inspection

*by
J.S.
me
11'*

Lot 10 Curtis Road

Nov. 13, 1967

Charles H. Hanson Co., Inc.
193 Allen Avenue

Gentlemen:

Permit to construct 2-story frame dwelling 24'x32' with open breezeway 10'x12' and attached two car frame garage 22'x22' at the above named location is being issued subject to the requirements of the Plumbing Inspector that a septic tank disposal system 160'x3'x3' be provided.

Very truly yours,

A. Allan Scule
Inspector II

AAS:m

APPLICATION FOR SUBMETER

City of Portland
Parks/Public Works
55 Portland Street
Portland, ME 04101



RECEIVED

JAN 3 1985

DEPARTMENT OF PUBLIC WORKS

For Sewer User Charge Adjustments

The undersigned hereby requests permission to install additional water meter(s) in accordance with Section 322.6C of the "Municipal Code of the City of Portland, Maine".

It is understood that all expenses related to the purchase, installation and maintenance of the meter(s) is to be borne by the applicant.

To be Completed by Applicant

Address where sub-meter is requested 111 CURTIS RD

Property owner name Dexter / CHRISTINE FIELD

Tax Map Reference (on Real Estate Tax Bill) 393-F10 Beressi

Property owner address 111 Curtis Rd

Person to be contacted to schedule inspections CHRISTINE FIELD 797-2924
(Name and Telephone Number)

Portland Water District Acct. No. (on bill) D-76-102605 84
~~D-33-9667 for 186/181 Currier St (C)~~

Billing Name & Address (on bill) Dexter Field
111 Curtis Rd

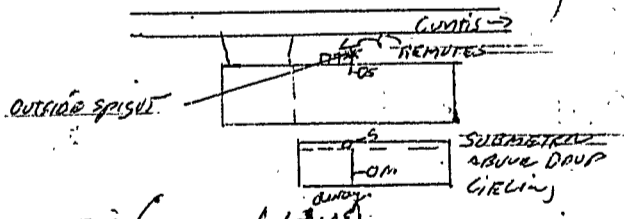
Location and size existing Portland Water District Service Meter T.V. Rm Basement
5/4" NO REMOTE

Proposed location and size of sub-meter Front outside faucet 5/8"
INDOOR ceiling Basement

Will a remote reading register be utilized? NO YES (If yes, state location IN FRONT of house)

Description of proposed changes in plumbing required for submetering:
CUT IN ABOVE MAIN METER RE-
CONNECT supply lines TO OUTSIDE
FAUCET

Sketch plan showing proposed changes in plumbing and the location of existing and proposed meters. Show water flow through submeter to non-discharge equipment or location (use additional sheet of paper if necessary)



The volume of water to be submetered can be shown not to enter the sewerage system by virtue of its use for:
 Lawn Watering
Car Washing & Vehicle Washing - outside (prev. pool 12 yrs)
House cleaning - outside

I certify the above information is true and correct:
 [Signature] Jun 9 1985 July 3, 1985

040190

Permit # 040190 City of Portland BUILDING PERMIT APPLICATION Fee \$130.00 Zone _____ Map # _____ Lot# _____
Please fill out any part which applies to job. Proper plans must accompany form.

Owner: Louis Sesto Phone # 797-2538
 Address: 111 Curtis Rd. Portland 04103
 LOCATION OF CONSTRUCTION 111 Curtis Rd.
 Contractor: Robert Chase Sub: _____
 Address: 67 Blackstrap Rd. Falmouth Phone # 797 4868
 Est. Construction Cost: 22,000 Proposed Use: single family
 Past Use: single family
 # of Existing Res. Units _____ # of New Res. Units _____
 Building Dimensions L _____ W _____ Total Sq. Ft. _____
 # Stories: _____ # Bedrooms _____ Lot Size: _____
 Is Proposed Use: Seasonal _____ Condominium _____ Conversion _____
 Explain Conversion to add second floor as per plan
over existing garage

For Official Use Only

Date March 22, 1994 Subdivision: _____
 Inside Fire Limits _____ Name: 25194
 Bldg Code _____ Lot: _____
 Time Limit _____ Ownership: _____
 Estimated Cost: 22,000

CITY OF PORTLAND

Zoning: Street Frontage Provided: _____
 Provided Setbacks: Front _____ Back _____ Side _____
 Review Required:
 Zoning Board Approval: Yes _____ No _____ Date: _____
 Planning Board Approval: Yes _____ No _____ Date: _____
 Conditional Use: _____ Variance _____ Site Plan _____ Subdivision _____
 Shoreland Zoning Yes _____ No _____ Floodplain Yes _____ No _____
 Special Exception _____
 Other (Explain) WASH 3-23-94

Foundation:
 1. Type of Soil: _____
 2. Set Backs - Front _____ Rear _____ Side(s) _____
 3. Footings Size: _____
 4. Foundation Size: _____
 5. Other _____

Floor:
 1. Sills Size: _____ Sills must be anchored.
 2. Girder Size: _____
 3. Lally Column Spacing: _____ Size: _____
 4. Joists Size: _____ Spacing 16" O.C.
 5. Bridging Type: _____ Size: _____
 6. Floor Sheathing Type: _____ Size: _____
 7. Other Material: _____

Exterior Walls:
 1. Studding Size _____ Spacing _____
 2. No. windows _____
 3. No. Doors _____
 4. Header Sizes _____ Span(s) _____
 5. Bracing: Yes _____ No _____
 6. Corner Posts Size _____
 7. Insulation Type _____ Size _____
 8. Sheathing Type _____ Size _____
 9. Siding Type _____ Weather Exposure _____
 10. Masonry Materials _____
 11. Metal Materials _____

Interior Walls:
 1. Studding Size _____ Spacing _____
 2. Header Sizes _____ Span(s) _____
 3. Wall Covering Type _____
 4. Fire Wall if required _____
 5. Other Materials _____

Ceiling:
 1. Ceiling Joists Size: _____
 2. Ceiling Sheathing Size _____ Spacing _____
 3. Type Ceilings: _____
 4. Insulation Type _____ Size _____
 5. Ceiling Height: _____

Roof:
 1. Truss or Rafter Size _____ Span _____
 2. Sheathing Type _____ Size _____
 3. Roof Covering Type _____

Chimneys:
 Type: _____ Number of Fire Places _____

Heating:
 Type of Heat: _____

Electrical:
 Service Entrance Size: _____ Smoke Detector Required Yes _____ No _____

Plumbing:
 1. Approval of soil test if required Yes _____ No _____
 2. No. of Tubs or Showers _____
 3. No. of Flushes _____
 4. No. of Lavatories _____
 5. No. of Other Fixtures _____

Swimming Pools:
 1. Type: _____
 2. Pool Size: _____ x _____ Square Footage _____
 3. Must conform to National Electrical Code and State Law.

Permit Received By Latini **PERMIT ISSUED**
 Signature of Applicant _____ **WITH REQUIREMENTS**
 CEO's District 7 Robert Chase
 CONTINUED TO REVERSE SIDE [7] Mr. Jordan
 Ivory Tag - CEO

White - Tax Assessor

040190

Permit # 040190 City of Portland BUILDING PERMIT APPLICATION Fee \$130.00 Zone _____ Map # _____ Lot# _____

Please fill out any part which applies to job. Proper plans must accompany form.

Owner: Louis Sesto Phone # 797-2538
 Address: 111 Curtis Rd. Portland 04103
 LOCATION OF CONSTRUCTION 111 Curtis Rd.
 Contractor: Robert Chase Sub: _____
 Address: 67 Blackstrap Rd. Falmouth Phone # 797-4868
 Est. Construction Cost: 22,000 Proposed Use: single family
 Past Use: single family
 # of Existing Res. Units _____ # of New Res. Units _____
 Building Dimensions L _____ W _____ Total Sq. Ft. _____
 # Stories: _____ # Bedrooms _____ Lot Size: _____
 Is Proposed Use: Seasonal _____ Condominium _____ Conversion _____
 Conversion to add second floor as per plan
 over existing garage

For Official Use Only

Date: March 22, 1994
 Inside Fire Limits: _____
 Eldg Code: _____
 Time Limit: _____
 Estimated Cost: 22,000

Subdivision Name: _____
 Lot: MAR 2-5 1994
 Ownership: _____ Public _____

CITY OF PORTLAND

Zoning: _____
 Street Frontage Provided: _____
 Provided Setbacks: Front _____ Back _____ Side _____

Review Required:
 Zoning Board Approval: Yes _____ No _____ Date: _____
 Planning Board Approval: Yes _____ No _____ Date: _____
 Conditional Use: _____ Variance _____ Site Plan _____ Subdivision _____
 Shoreland Zoning Yes _____ No _____ Floodplain Yes _____ No _____
 Special Exception _____
 Other: W.D. 3-23-94

Type of Soil: 393-F-10
 Set Backs: Front _____ Rear _____ Side(s) _____
 Footings Size: _____
 4. Foundation Size: _____
 5. Other: _____

Floor:
 1. Sills Size: _____ Sills must be anchored.
 2. Girder Size: _____
 3. Lally Column Spacing: _____ Size: _____
 4. Joists Size: _____ Spacing 15" O.C.
 5. Bridging Type: _____ Size: _____
 6. Floor Sheathing Type: _____ Size: _____
 7. Other Material: _____

Exterior Walls:
 1. Studding Size _____ Spacing _____
 2. No. windows _____
 3. No. Doors _____
 4. Header Sizes _____ Span(s) _____
 5. Bracing: Yes _____ No _____
 6. Corner Posts Size _____
 7. Insulation Type _____ Size _____
 8. Sheathing Type _____ Size _____
 9. Siding Type _____ Weather Exposure _____
 10. Masonry Materials _____
 11. Metal Materials _____

Interior Walls:
 1. Studding Size _____ Spacing _____
 2. Header Sizes _____ Span(s) _____
 3. Wall Covering Type _____
 4. Fire Wall if required _____
 5. Other Materials _____

White - Tax Assessor

Ceiling:
 1. Ceiling Joists Size: _____
 2. Ceiling Strapping Size _____ Spacing _____
 3. Type Ceilings: _____
 4. Insulation Type _____
 5. Ceiling Height: 00.081

Roof:
 1. Truss or Rafter Size _____ Span _____
 2. Sheathing Type _____ Size _____
 3. Roof Covering Type _____

Chimneys:
 Type: _____ Number of Fire Places _____

Heating:
 Type of Heat: []

Electrical:
 Service Entrance Size: _____ Smoke Detector Required Yes _____ No _____

Plumbing:
 1. Approval of soil test if required Yes _____ No _____
 2. No. of Tubs or Showers _____
 3. No. of Flushes _____
 4. No. of Lavatories _____
 5. No. of Other Fixtures _____

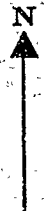
Swimming Pools:
 1. Type: _____
 2. Pool Size: _____ x _____ Square Footage _____
 3. Must conform to National Electrical Code and State Law.

PERMIT ISSUED WITH REQUIREMENTS

Received By L. Sesto
 Signature of Applicant Robert Chase Date 3/22/94
 CEO's District 7

CONTINUED TO REVERSE SIDE [] Mr. Jordan
Ivory Tag - CEO

PLOT PLAN



FEES (Breakdown From Front)

Base Fee \$ 130.00

Subdivision Fee \$ _____

Site Plan Review Fee \$ _____

Other Fees \$ _____

(Explain) _____

Late Fee \$ _____

Inspection Record		Date
Framing	Type OK	4 / 20 / 94
	CLOSE	9 / 1 / 94

COMMENTS (2-29-94 No work started) (5-18-94 Rough in Acc on West OK, + Pressure on East OK)

(7-19-94 ball set on 2nd floor deck 5" spacing) (ballist changed 9-1-94 OK)

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 has authorized agent and 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 or the code official's authorized representative shall have the authority to enter 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 _____ PHONE NO. _____

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE _____ PHONE NO. _____

BUILDING PERMIT R

Address 111 Curtis Rd. Date 94/mar/25

Reason for Permit To construct a second floor over existing garage Bldg. Owner: Louis Sesto

Contractor: Robert Chase

Permit Applicant: " "

Approval: *7*8*9*10*12*13*14

CONDITION OF APPROVAL:

1. Before concrete for foundation is placed, approvals from Public Works and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection).
2. Precaution must be taken to protect concrete from freezing.
3. It is strongly recommended that a register land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained.
4. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hr., including fire doors with selfclosers.
5. Each apartment shall have access to (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.
6. The boiler shall be protected by enclosing with one (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. Sprinkler piping serving not more than six sprinklers may be connected to a domestic water supply system having a capacity sufficient to provide 0.15 gallons per minute, per square foot of floor throughout the entire area. An INDICATING shut-off valve shall be installed in an accessible locations between the sprinkler and the connection to the domestic water supply. Minimum pipe size shall be 3/4 inch copper or 1 inch steel. Maximum coverage area of a residential sprinkler is 144 square feet per sprinkler.
- * 7. 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 opening without the use of special knowledge or separate tools. Where windows are provided as a means of egress or rescue, they shall have a sill height not more than 44 inches (1118 mm) above the floor. All egress or rescue windows from sleeping room must have minimum net clear opening height dimension shall be 24 inches (610 mm). The minimum net clear opening width dimension shall be 20 inches (508 mm), and a minimum net clear opening of 5.7 sq.ft.
- * 8. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the building code 919.3.2 (BCCA National Building Code 1993), and NFPA 101 Chapter 18 & 19.

*9. 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 side. (Chapter 4 section 407.0 of the BOCA/1993).

*10. 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 Group 42", except Use Group R which is 36". In occupancies in Use Group A, B, H-4, I1, 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.

11. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10, section & subsections 1023. & 1024.0 of the City's building code (The BOCA National Building Code/1993).

*12. Stair construction in Use Group R-3, R-4 is a minimum of 9" tread and 8-1/4" maximum rise.

*13. Headroom in habitable space is a minimum of 7'6".


*14. The minimum headroom in all parts of a stairway shall not be less than 80 inches.

15. All construction and demolition debris must be disposed at the City's authorized reclamation site. The fee rate is attached. Proof of such disposal must be furnished to the office of Inspection Services before final certificate of occupancy is issued or demolition permit is granted.

16. 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".

17. 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 of the facility meet the standards of construction required by this section. Prior to commencing construction of the facility, the builder shall submit the certification to the Division of Inspection Services.

Sincerely,


P. Samuel Hoffner
Chief of Inspections

dm 01/14/94
(red /additions)

PLUMBING APPLICATION

PROPERTY ADDRESS
 Town Or Plantation: Portland
 Street Subdivision Lot #: 111 Curtis Rd
PROPERTY OWNERS NAME
 Last: Sesto First: Louis
 Applicant Name: James Cedaro
 Mailing Address of Owner/Applicant (if different): 18 Fairway Drive Scar

Department of Health Services
 Division of Health Engineering
 (207) 269-3824

PORTLAND PERMIT # 5080 STATE COPY
 Date Permitted: 5/16/94
 Fee: 220
 License # 0124
 Local Plumbing Inspector Signature: _____ Date: _____
 State Fee Charged: _____

Owner/Applicant Statement
 I certify that the information submitted is correct in the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.
 Signature: James Cedaro Date: 5/16/94
 Sign. must be Owner/Applicant

Caution: Inspection Required
 I have inspected the installation authorized above and found it to be in compliance with the Maine Plumbing Rules.
 Local Plumbing Inspector Signature: _____ Date: _____
 Div. Approved: _____

PERMIT INFORMATION

This Application is for:

- 1. NEW PLUMBING
- 2. RELOCATED PLUMBING

Type Of Structure To Be Served:

- 1. SINGLE FAMILY DWELLING
- 2. MODULAR OR MOBILE HOME
- 3. MULTIPLE FAMILY DWELLING
- 4. OTHER — SPECIFY _____

Plumbing To Be Installed By:

- 1. MASTER PLUMBER
- 2. OIL BURNERMAN
- 3. MFG'D. HOUSING DEALER / MECHANIC
- 4. PUBLIC UTILITY EMPLOYEE
- 5. PROPERTY OWNER

LICENSE # _____

Hook-Up & Piping Relocation Maximum of 1 Hook-Up	Column 2		Column 1	
	Number	Type of Fixture	Number	Type of Fixture
HOOK-UP: in public sewer in those cases where the connection is not regulated and inspected by the local Sanitary District. OR HOOK-UP: to an existing subsurface wastewater disposal system.		Hosebibb / Silcock		Bathtub (and Shower)
		Floor Drain		Shower (Separate)
PIPING RELOCATION of sanitary lines, drains and piping without new fixtures		Urinal		Sink
		Drinking Fountain		Wash Basin
Number of Hook-Ups & Relocations		Indirect Waste		Water Closet (Toilet)
		Water Treatment Softener, Filter, etc		Clothes Washer
Hook-Up & Relocation Fee		Grease / Oil Separator		Dish Washer
		Dental Cuspidor		Garbage Disposal
OR TRANSFER FEE (\$6.00)		Bidet		Laundry Tub
		Other <u>Whirlpool</u>		Water Heater
		Fixtures (Subtotal) Column 2		Fixtures (Subtotal) Column 1
				Fixtures (Subtotal) Column 2
			4	Total Fixtures
			\$	Fixture Fee
			\$	Transfer Fee
			\$	Hook-Up & Relocation Fee
			\$ <u>16</u>	Permit Fee (Total)

SEE PERMIT FEE SCHEDULE FOR CALCULATING FEE



APPLICATION FOR PERMIT
DEPARTMENT OF BUILDING INSPECTIONS SERVICES
ELECTRICAL INSTALLATIONS

Date 20 May '94, 19
 Receipt and Permit number 03779

To the CHIEF ELECTRICAL INSPECTOR, Portland, Maine:
 The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of
 Maine, the Portland Electrical Ordinance, the National Electrical Code and the following specifications:

LOCATION OF WORK: 111 Curtis Rd
 OWNER'S NAME: Louis Sesto ADDRESS: _____

	FEES
OUTLETS:	
Receptacles <u>12</u> Switches <u>6</u> Plugmold _____ ft. TOTAL _____	3.60
FIXTURES: (number of)	
Incandescent <u>5</u> Fluorescent _____ (not strip) TOTAL _____	1.00
Strip Fluorescent _____ ft. _____	
SERVICES:	
Overhead _____ Underground _____ Temporary _____ TOTAL amperes _____	
METERS: (number of) _____	
MOTORS: (number of)	
Fractional _____	
1 HP or over _____	
RESIDENTIAL HEATING:	
Oil or Gas (number of units) _____	
Electric (number of rooms) _____	
COMMERCIAL OR INDUSTRIAL HEATING:	
Oil or Gas (by a main boiler) _____	
Oil or Gas (by separate units) _____	
Electric Under 20 kws _____ Over 20 kws _____	
APPLIANCES: (number of)	
Ranges _____ Water Heaters _____	
Cook Tops _____ Disposals _____	
Wall Ovens _____ Dishwashers _____	
Dryers _____ Compactors _____	
Fans _____ Others (denote) _____	
TOTAL _____	
MISCELLANEOUS: (number of)	
Branch Panels _____	
Transformers _____	
Air Conditioner Central Unit _____	
Separate Units (windows) _____	
Signs 20 sq. ft. and under _____	
Over 20 sq. ft. _____	
Swimming Pools Above Ground _____	
In Ground _____	
Fire/Burglar Alarms Residential _____	
Commercial _____	
Heavy Duty Outlets, 220 Volt (such as welders) 30 amps and under _____	
over 30 amps _____	
Circus, Fairs, etc. _____	
Alterations to wires _____	
Repairs after fire _____	
Emergency Lights, battery _____	
Emergency Generators _____	

FOR ADDITIONAL WORK NOT ON ORIGINAL PERMIT INSTA. FEE DUE: _____
 FOR REMOVAL OF A "STOP ORDER" (304-16.b) DOUBLE FEE DUE: _____
 TOTAL AMOUNT DUE: 15.00

INSPECTION:
 Will be ready on 5-23, 1994; or Will Call _____
 CONTRACTOR'S NAME: Pleasant Hill Electric
 ADDRESS: 129 Walnut St So Pltd
 TEL: 883-5554
 MASTER LICENSE NO.: _____ SIGNATURE OF CONTRACTOR: Craig Kelly
 LIMITED LICENSE NO.: _____

INSPECTOR'S COPY — WHITE
 OFFICE COPY — CANARY
 CONTRACTOR'S COPY — GREEN

City of Portland, Maine - Building or Use Permit Application 280 Congress Street, 04101, Tel: (207) 874-8703, FAX: 874-8716

Location of Construction: 111 Curtis St		Owner: Lou Sesto	Phone: 797-2538	Permit No: 960424
Owner Address: 111 Curtis St 04103	Lease/Buyer's Name:	Phone:	Business Name:	PERMIT ISSUED Permit Issued: MAY 20 1996 CITY OF PORTLAND
Contractor Name: Sebago Lake Pool Co.	Address:	Phone:		
Past Use: 1-2in	Proposed Use: Ingrate w/16 pool	COST OF WORK: \$ 12,500.00	PERMIT FEE: \$ 55.00	Zoning: CBL: 393-F-010 Zoning Approval: <i>5/16/96</i> Special Zone or Reviews: <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"/>
Proposed Project Description: Install I/G Pool (16' x 32') Erect Shed		FIRE DEPT. <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION Use Group: <i>1</i> Type: <i>1</i>	
Permit Taken By: Mary Gr: 1k		Date Applied For: 16 May 1996	Signature: <i>[Signature]</i>	Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved with Conditions <input type="checkbox"/> Denied

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

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 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

Louis G. Sesto
 SIGNATURE OF APPLICANT Lou Sesto ADDRESS: DATE: 16 May 1996 PHONE:

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE PHONE:
 White-Permit Desk Green-Assessor's Canary-D.R.W. Pink-Public File Ivory Card-Inspector

Variance
 Miscellaneous
 Conditional Use
 Interpretation
 Approved
 Denied

Historic Preservation
 Not in District or Landmark
 Does Not Require Review
 Requires Review

Action:

Approved
 Approved with Conditions
 Denied

Date: *5/16/96*

CEO DISTRICT **7**
D. Jordan

COMMENTS

5-30-96 Permittion started / 6-3-96 / All set backs approved /
Ft walls poured / Slab / egress system in / slope const. in progress.
6-11-96 - Pool completed / walkway + fence not yet installed
6-20-96 - Fence (per code 4') installation in progress
6-28-96 - Fence completed close

Type	Inspection Record	Date
Foundations:	_____	_____
Framing:	_____	_____
Plumbing:	_____	_____
Final:	_____	_____
Other:	_____	_____

Applicant: Lou Sesto
Address: 111 Curtis Rd
Assessors No.: 393-F-10

Date: 5/16/96

CHECK LIST AGAINST ZONING ORDINANCE

Date - *Exists*

Zone Location - *R-2*

Interior or corner lot -

Use - *New pool*

Sewage Disposal -

Rear Yards - *25' req - 100' shown*

Side Yards - *12' req - 30' shown*

Front Yards - *25' N/A*

Projections -

Height -

Lot Area -

Building Area -

Area per Family -

Width of Lot -

Lot Frontage -

Off-street Parking -

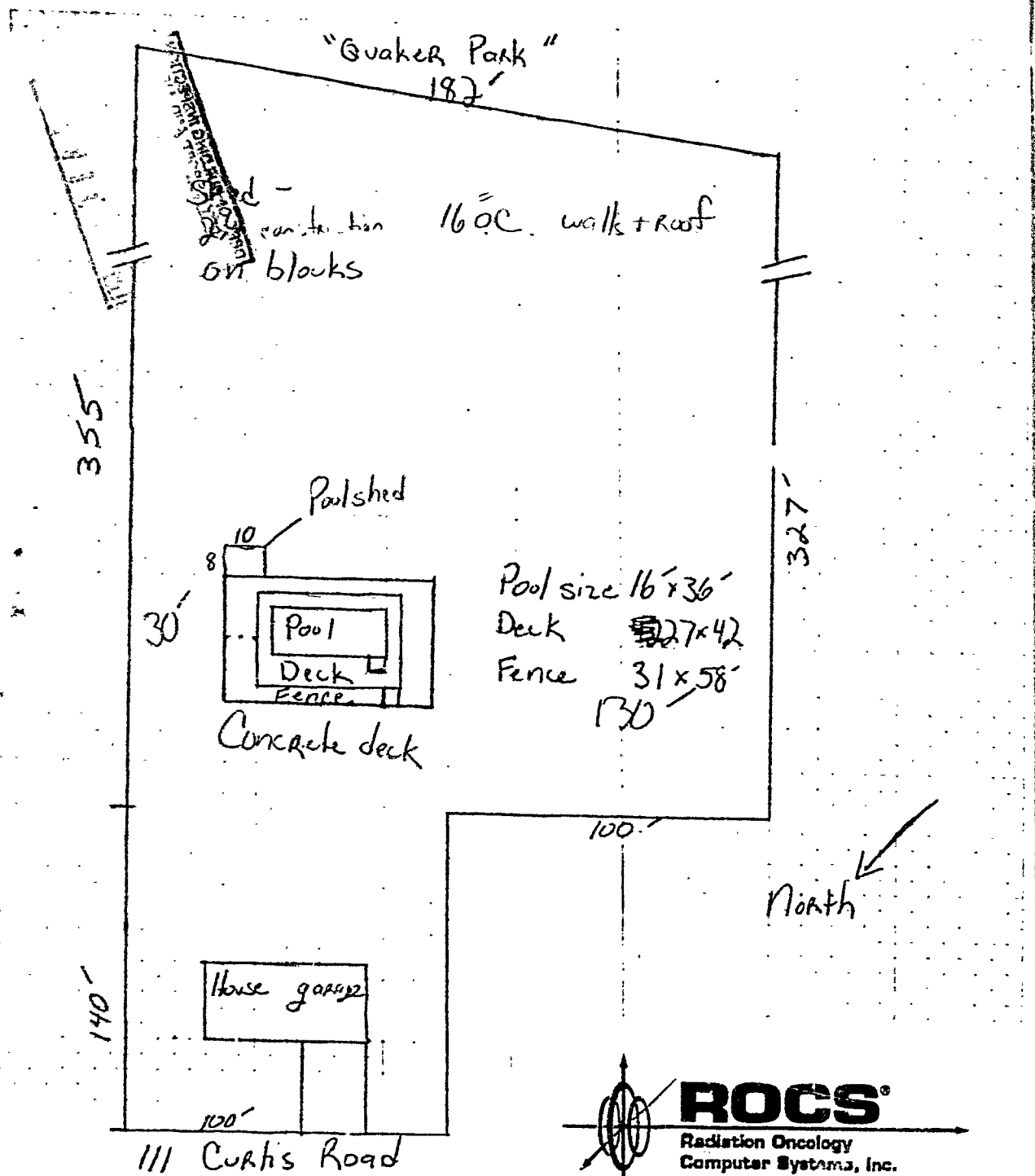
Loading Bays -

Site Plan -

Shoreland Zoning -

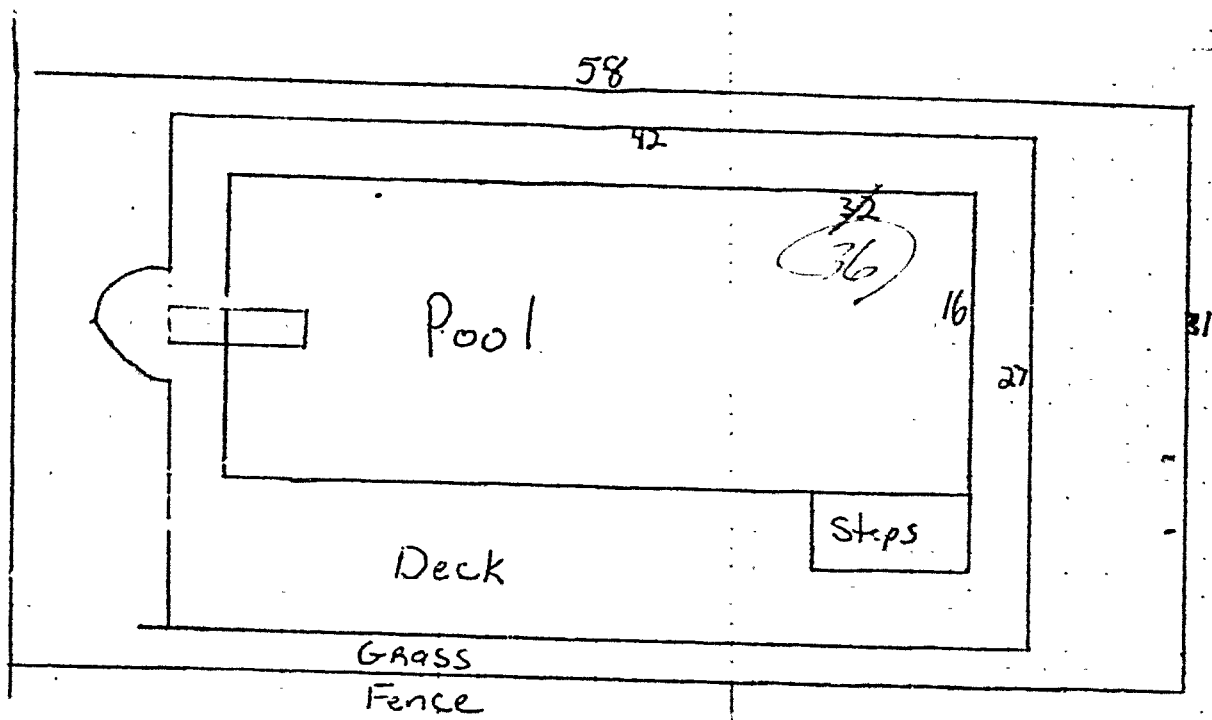
Flood Plains -

10' Around required on site
16 x 36' - Near Deck 27 x 42' - Pool Shed 8 x 10



Lou Sesto
 797-2538 5-15-96

ROCS
 Radiation Oncology
 Computer Systems, Inc.
 8190 Corte Del Cedro
 Carlsbad, California 92008
 (619) 929-1811 FAX (619) 929-1801



393-F-010

Lou Sesto 5-15-96
111 Curtis Road



ROCS

Radiation Oncology
Computer Systems, Inc.

8190 Corte Del Cedro
Carlsbad, California 92009
(619) 829-1811 FAX (619) 829-1801



ADDITIONAL MIXING TIPS Here are some helpful hints from experienced installers

1. For sloped sections, use a stiffer mix (accomplished by using less water and/or shorter mix time). The greater the degree of pitch, the stiffer your mix should be.
2. Be sure your mixer is clean and free of debris.
3. Make sure the proper amounts of ingredients are used in each batch.

FORMULATION: 1:8 MIX PROPORTION - 1 cu. ft. cement type #1 to each 8 cu. ft. CPBA. Each bag of CPBA contains 4 cu. ft. at time of filling.

	PORTLAND CEMENT (1 CU. FT. BAGS)	GRACE CPBA (4 CU. FT. BAGS)	WATER (GALLONS)
For 5 cu. ft. mixer	1/2 bag	1 bag	12-14
For 9 cu. ft. mixer	1 bag	2 bags	24-28

MIXING INSTRUCTIONS:

1. Introduce water first and then the Portland cement in proper proportions into the paddle-type mixer.
2. While rotating the mixer slowly, add the proper amount of Grace CPBA until all the aggregate is in the mixer.
3. Keep rotating the drum. From this point, 15 to 45 seconds is the ideal mix time required to achieve optimum consistency. However, if necessary, actual mix time may be adjusted to a total of no more than 60 seconds to achieve a workable consistency. Do not overmix. (See Item #4 under Additional Mixing Tips.)
4. Convey the prepared mix into excavation in buckets or a polyethylene-lined chute.

4. Check your mix for these visual characteristics:
 - a) Has uniform gray cement color.
 - b) No dry or unmixed material visible.
 - c) Has consistency of whipped cream.

5. Avoid overmixing.

6. Do not install a base made with Grace CPBA on a day when rain is forecast.

7. Wet down substrate thoroughly before applying the mix to prevent moisture evaporation from beneath.

8. If mix conveyed into the pool bottom turns out to be too wet for application to sloped surfaces, trowel up only to the point where the mix begins to slide back. Move sideways and apply to the next area. Continue in this manner around the hopper. By the time you return to the original area, the concrete will have set sufficiently to enable application of a second "course" above the first.

9. On extremely hot, dry days, more water may be needed to achieve proper consistency in your mix.

10. Do not apply CPBA mix when ambient temperature will fall below 40° F within the next 24 hours.

11. In an extremely rough or rocky excavation, it may help to apply the mix very roughly to fill in gouges and cover stones. When mix has set up slightly, surface can be moistened and troweled to a smooth, final finish.

12. If you can't drop the liner the same day, cover the entire pool opening with polyethylene film to keep moisture evenly distributed until liner is installed the following day.

13. Grace CPBA is not recommended for use in sidewalks around pools.



Steep sidewalls present little problem. CPBA mix readily adheres to substrate and trowels far more easily than sand or sand concrete because of its surprisingly low density.



Installers work sidewalls and slope as they proceed into hopper. As each section is completed, mason's string is cut and stakes are driven down into substrate.



When all sides and flat surfaces are completed, one installer stays in hopper to finish area around drain. To cover troweling imperfections, dry CPBA is sprinkled on top of still-moist mix and is absorbed quickly into surface.



CPBA base fully installed.



Immediately after leaving pool, and while CPBA mix is still wet, installers hang vinyl liner. Total elapsed time at this point approximately 3 1/2 hours.



Vacuum pump draws air out from behind liner and filling of pool is begun. CPBA sets up in about 72 hours. Final touch in a truly beautiful, durable installation.

DESCRIPTION Grace CPBA is a precision-mixed blend of expanded vermiculite granules with exclusive additives which provide effortless troweling, and give a textured, smooth surface finish. CPBA is lightweight, chemically inert, non-abrasive, and will not mold or decay.

USE Mixed in recommended proportions with type #1 portland cement and water, CPBA is troweled in place to form a smooth, porous, long-lasting bottom for in-ground vinyl-lined pools. Faster and easier to install than packed sand, a Grace CPBA base reduces damage to the vinyl liner from abrasion and indentation, enhancing its beauty and extending its service life.

ADVANTAGES Easy installation—Grace CPBA, cement and water form a smooth, creamy mix that is light and easy to handle. Steep side walls are no problem at all. CPBA mix readily adheres to substrate, handles and trowels far more easily than sand or sand concrete because of its surprisingly low density. It trowels super smoothly with minimum effort. Any professional crew can learn the simple installation techniques in a few hours.

Non-abrasive—Unlike packed sand or sand concrete bases which literally work away like sandpaper on the under side of the vinyl liner, a CPBA base provides a non-abrasive bottom.

Resistance—A CPBA base is firm and resilient, resisting the formation of pockets or footprints on the pool floor. CPBA will keep liners smoother longer than is possible with the best packed sand base.

Porosity—Grace CPBA pool base contains millions of microscopic pores which permit moisture to pass through from above or below. In areas with widely varying water tables, this feature reduces base washout problems.

MATERIALS: To install a CPBA pool base, you will need sufficient quantities of the following:

1. Grace Concrete Pool Base Aggregate (available in 4 cu. ft. poly-lined draft bags)
2. Portland Cement, type #1 (Caution: ALWAYS USE PLAIN PORTLAND CEMENT. DO NOT USE AIR-ENTRAINED CEMENT.)
3. Clean water, suitable for use with portland cement, free from deleterious amounts of acid, alkali and organic matter, which might adversely affect the setting or curing of portland cement.

EQUIPMENT NEEDED:

1. Paddle-type mixer (five cu. ft. capacity)
2. One 55-gallon drum for water
3. Five-gallon pails for measuring mix water and conveying mixed CPBA material into excavation. (See item #4 under Mixing Instructions.)
4. Sufficient length of hose for filling water drum and swimming pool.
5. Several round edge, flexible swimming pool trowels (6 inch).
6. One long-handled shovel.

Long service life—CPBA is chemically inert and inorganic. It cannot mold, decay or deteriorate from contact with moisture.

INSTALLATION TECHNIQUES



Excavation is compacted, then staked with mason's string to mark angles. String is at height of 1 1/2 inches - the recommended thickness that the Grace CPBA mix will be applied. The installer also stakes lengths of 2"x4" pipe in temporary locations along the sidewalls. They are removed when the CPBA material is troweled in place.



A paddle-type mortar mixer is used. This one has a 5 cu. ft. capacity. If recommended application procedures are followed, about 25 to 30 batches of CPBA mix will be needed for a 16 x 32 ft. pool. All water goes into the mixer first, then the plain portland cement. Last ingredient to be added is Grace CPBA. Mixer is run no more than 90 seconds after all the CPBA is added. **DO NOT OVERMIX.**



Installers start in shallow end. Round-edge, 6-inch flexible swimming pool trowels are recommended. (Marshalltown swimming pool trowels, available from American Hardware Dealers, are popular.)



CPBA mix is conveyed into excavation in 5-gallon plastic pails. Installers can place material exactly where they want it, and they are always troweling fresh mix.



Thanks to the blend of additives, CPBA mix trowels smoothly and easily without pulling or tearing apart.

Form # P01

ELECTRICAL PERMIT City of Portland, Me.



To the Chief Electrical Inspector, Portland Maine:
The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of Maine, the City of Portland Electrical Ordinance, National Electrical code and the following specification:

Date 04 June 1996
Permit # 13668

LOCATION: 111 Curtis St

OWNER Sesto, Lou ADDRESS _____

							TOTAL EACH FEE		
OUTLETS									
		Receptacles	Switches	Smoke Detector			.20		
FIXTURES		(number of)							
		incandescent	fluorescent			2	.20	.40	
		fluorescent strip					.20		
SERVICES									
		Overhead		TTL AMPSTO	800		15.00		
		Underground			800		15.00		
TEMPORARY SERV.									
		Overhead		AMPS OVER	800		25.00		
		Underground			800		25.00		
METERS		(number of)					1.00		
MOTORS		(number of)					2.00		
RESID/COM		Electric units					1.00		
HEATING		oil/gas units					5.00		
APPLIANCES		Ranges	Cook Tops	Wall Ovens			2.00		
		Water heaters	Fans	Dryers			2.00		
Disposals		Dishwasher	Compactors	Others (denote)			2.00		
MISC. (number of)		Air Cond/win					3.00		
		Air Cond/cent					10.00		
		Signs					5.00		
		Pools				1	10.00	10.00	
		Alarms/res					5.00		
		Alarms/com					15.00		
		Heavy Duty					2.00		
		Outlets							
		Circus/Carnv					25.00		
		Alterations					5.00		
		Fire Repairs					15.00		
		E Lights					1.00		
		E Generators					20.00		
		Panels					4.00		
TRANSFORMER		0-25 Kva					5.00		
		25-200 Kva					8.00		
		Over 200 Kva					10.00		
TOTAL AMOUNT DUE									
MINIMUM FEE/COMMERCIAL 35.00							MINIMUM FEE	25.00	25.00

INSPECTION: Will be ready Ready or will call _____

CONTRACTORS NAME J R C Electric
 ADDRESS 15 Fox Run Falmouth, ME 04105
 TELEPHONE 892-0067
 MASTER LICENSE No. 13668
 LIMITED LICENSE No. _____

SIGNATURE OF CONTRACTOR

Joseph [Signature]

