

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Public Services  
Division of Health Engineering  
(207) 289-3826

PROPERTY ADDRESS	
Town Or Plantation	PORTLAND PEAKS ISLAND
Street	ISLAND AVE
Subdivision Lot #	TAX MAP 87 BLOCK T LOT 9
PROPERTY OWNERS NAME	
BERNDT	ARNOLD
Last:	First:
Applicant Name:	ARNOLD BERNDT
Mailing Address of Owner/Applicant (If Different)	ISLAND AVE PEAKS ISLAND, MAINE 04108

PORTLAND PERMIT # 738 TOWN COPY

Date Permit Issued: 11/1/84 Fee: \$40.00

Local Plumbing Inspector Signature

L.P.I. # 1123

**Owner/Applicant Statement**

I certify that the information submitted is correct to the best of my knowledge and understanding. If any false information is reason for the Local Plumbing Inspector to deny a Permit.

Signature of Owner/Applicant

**Caution: Inspection Required**

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

Local Plumbing Inspector Signature

NOV 5 1984  
Date Approved

## PERMIT INFORMATION

**THIS APPLICATION IS FOR:**

1.  NEW SYSTEM
2.  REPLACEMENT SYSTEM
3.  EXPANDED SYSTEM
4.  SEASONAL CONVERSION
5.  EXPERIMENTAL SYSTEM

**THIS APPLICATION REQUIRES:**

1.  NO RULE VARIANCE REQUIRED
2.  NEW SYSTEM VARIANCE  
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE  
Attach Replacement System Variance Form
3.  Requires only Local Plumbing Inspector Approval
4.  Requires both State and Local Plumbing Inspector Approval

**INSTALLATION IS COMPLETE SYSTEM**

1.  NON ENGINEERED SYSTEM
2.  PRIMITIVE SYSTEM  
(Includes Alternative Toilet)
3.  ENGINEERED (+2000 gpd)

**INDIVIDUALLY INSTALLED COMPONENTS:**

4.  TREATMENT TANK (ONLY)
5.  HOLDING TANK
6.  ALTERNATIVE TOILET (ONLY)
7.  NON-ENGINEERED DISPOSAL AREA (ONLY)
8.  ENGINEERED DISPOSAL AREA (ONLY)
9.  SEPARATED LAUNDRY SYSTEM

**IF REPLACEMENT SYSTEM:**

YEAR FAILING SYSTEM INSTALLED \_\_\_\_\_

**THE FAILING SYSTEM IS:**

1.  BED
2.  CHAMBER
3.  TRENCH
4.  OTHER \_\_\_\_\_

**DISPOSAL SYSTEM TO SERVE:**

1.  SINGLE FAMILY DWELLING
2.  MODULAR OR MOBILE HOME
3.  MULTIPLE FAMILY DWELLING
4.  OTHER \_\_\_\_\_ SPECIFY \_\_\_\_\_

**SIZE OF PROPERTY**  
22,000 SF

**ZONING**  
R-3

**TYPE OF WATER SUPPLY**

## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

**TREATMENT TANK**

1.  SEPTIC:  Regular  Low Profile
2.  AEROBIC

1000 gallon installed  
SIZE: 300 GALS

**WATER CONSERVATION**

1.  NONE
2.  LOW VOLUME TOILET
3.  SEPARATED LAUNDRY SYSTEM
4.  ALTERNATIVE TOILET

SPECIFY \_\_\_\_\_

**PUMPING**

1.  NOT REQUIRED
2.  MAY BE REQUIRED  
(DEPENDENT ON TREATMENT TANK LOCATION AND ELEVATION)
3.  REQUIRED

DOSE: \_\_\_\_\_ GALS

**CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC)**

2 BEDROOM  
CONSERVATIVE

DESIGN FLOW: 300  
(GALLONS/DAY)

**COIL CONDITIONS USED FOR DESIGN PURPOSES**

PROFILE	CONDITION
4	C

DEPTH TO LIMITING FACTOR: 28

**SIZE RATINGS USED FOR DESIGN PURPOSES**

1.  SMALL
2.  MEDIUM
3.  MEDIUM-LARGE
4.  LARGE
5.  EXTRA LARGE

**DISPOSAL AREA TYPE/SIZE**

1.  BED 300 Sq. Ft.
2.  CHAMBER \_\_\_\_\_ Sq. Ft.  
 REGULAR  H-20
3.  TRENCH \_\_\_\_\_ Linear Ft.
4.  OTHER \_\_\_\_\_

## SITE EVALUATOR STATEMENT

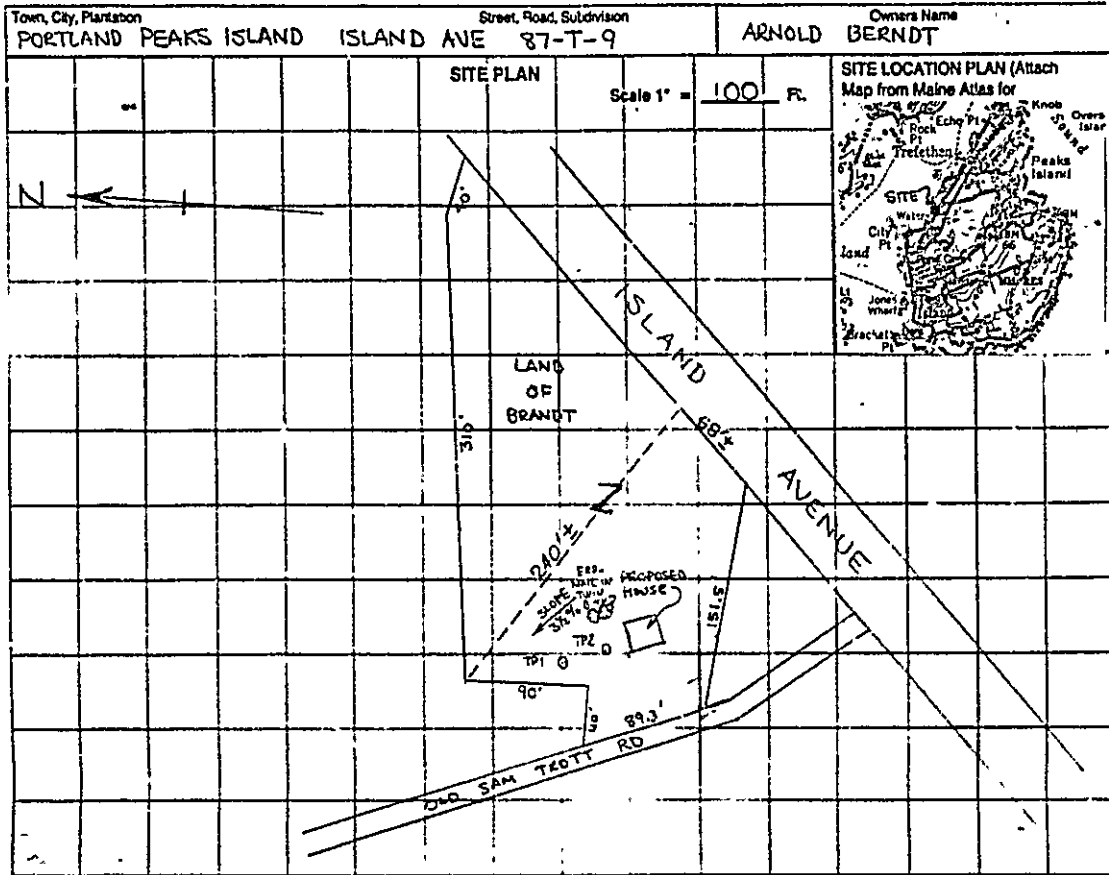
On SEPTEMBER 1, 1984 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

SITE EVALUATION WAIVED BY LOCAL OPTION

Site Evaluator or Professional Engineer's Signature

0003/4814      9/5/84

SE/PE      Date



BOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)				
Observation Hole <u>3</u> <input checked="" type="checkbox"/> Test Pit <input type="checkbox"/> Boring * Depth of Organic Horizon Above Mineral Soil	Observation Hole <u>2</u> <input checked="" type="checkbox"/> Test Pit <input type="checkbox"/> Boring * Depth of Organic Horizon Above Mineral Soil			
DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0				
3	SILTY SAND	LOOSE	LIGHT BROWN	
10				NONE
15				
20	STONY SILTY SAND	MODERATELY FRIABLE	GRAY BROWN	
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Division of Health Engineering

Town, City, Plantation

PORTLAND PEAKS ISLAND

Street, Road Subdivision

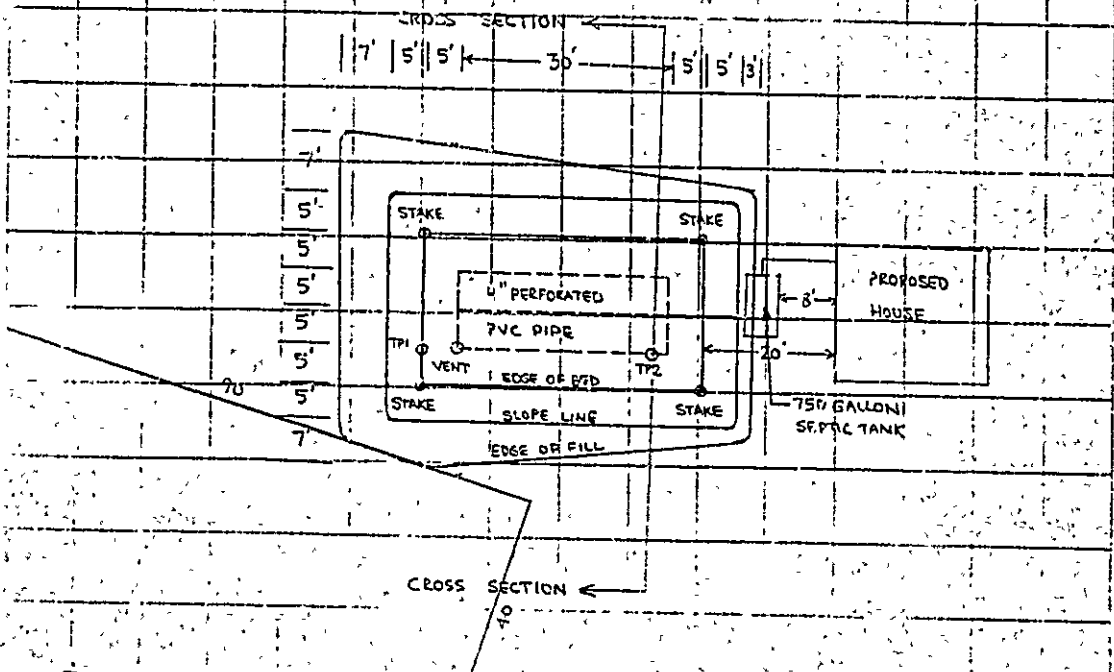
ISLAND AVE 87-T-9

Owner's Name

ARNOLD BERNDT

## SUBSURFACE WASTEWATER DISPOSAL PLAN

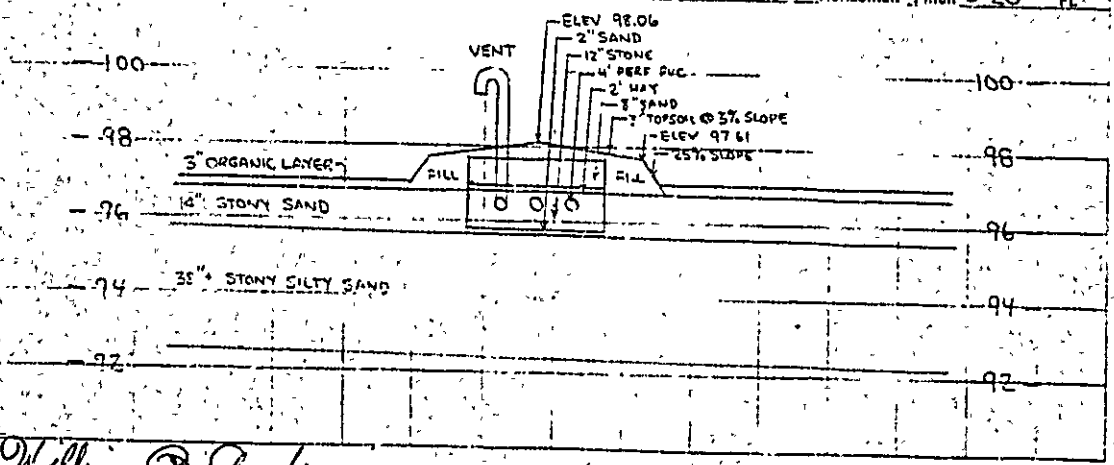
Scale 1" = 20' FL



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	5'	Reference Elevation is	100.00	
Depth of Fill (Downslope)	23'	Bottom of Disposal Area	95.61	
		Top of Distribution Lines or Chambers	96.68	NAIL IN TWIN 8" BIRCH 16' NORTHERLY OF HOUSE

### DISPOSAL AREA CROSS SECTION

Scale:  
Vertical: 1 inch = 4' FL  
Horizontal: 1 inch = 20' FL



*William B. Jordan*  
Site Evaluator or Professional Engineer's Signature

0003/4814  
SE #1 PE #

9/5/84  
Date

87-T-9 Island Avenue

Peaks Island



CITY OF PORTLAND, MAINE  
Department of Building Inspection

# Certificate of Occupancy

LOCATION 87-11-5 2<sup>nd</sup> Ave. Park Isl.

Issued to

Arnold Benick

December 10, 1984

This is to certify that the building, premises, or part thereof, at the above location, built—altered—changed as to use under Building Permit No. \_\_\_\_\_, substantially to requirements of Zoning Ordinance 978 Building Code of the City, and is hereby approved for occupancy of use, limited or otherwise, as indicated below.

PORTION OF BUILDING OR PREMISES

APPROVED OCCUPANCY

Limiting Conditions: Entire

Dwell'n - Summer

This certificate supersedes  
certificate issued \_\_\_\_\_

Approved:

12-10-84  
(Date)

*Arthur Adatto*  
Inspector

*[Signature]*  
Inspector of Buildings

edp  
PK

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



CITY OF PORTLAND, MAINE

Department of Building Inspection

# Certificate of Occupancy

LOCATION 87-T-9 Isl. Ave. Psk. Isl.

Issued to **Arnold Benidt**

Date of Issue

**October 10, 1984**

This is to certify that the building, premises, or part thereof, at the above location, built—altered—changed as to use under Building Permit No. **84-4711**, has had final inspection, has been found to conform substantially to requirements of Zoning Ordinance **211** Building Code of the City, and is hereby approved for occupancy or use, limited or otherwise, as indicated below.

PORTION OF BUILDING OR PREMISES

APPROVED OCCUPANCY

Limiting Conditions: **Entire**

**Dwelling - SUMMER**

This certificate supersedes certificate issued

Approved:

**10-10-84**

(Date)

*Arthur Benidt*  
Inspector

*Richard J. [Signature]*  
Inspector of Buildings

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



APPLICATION FOR AMENDMENT TO PERMIT

Amendment No. # 1

Portland, Maine, Sept 4, 1984

PERMIT ISSUED

SEP 5 1984

CITY OF PORTLAND

To the INSPECTOR OF BUILDINGS, PORTLAND, MAINE

The undersigned hereby applies for amendment to Permit No. 84-978 pertaining to the building or structure comprised in the original application 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 hereunto, as follows: The following specifications:

Location ... T-6 Island Avenue, Peaks Isl. ... Within Fire Limits? ... Dist. No. ...
Owner's name and address ... Arnold Berndt - same ... Telephone none
Lessee's name and address ...
Contractor's name and address ... Owner ... Telephone
Architect ... Plans filed ... No. of sheets
Proposed use of building ... summer cottage ... No. families
Last use ... same ... No. families
Increased cost of work . 4,000. ... Additional fee ... 20.00

Description of Proposed Work

To construct 18' x 22' 1 story addition to existing summer cottage as per plans. 3 sheets of plans.

send permit to # 1 04108

Details of New Work

1. any plumbing involved in this work? YES Is any electrical work involved in this work? YES
Height average grade to top of plate ... Height average grade to highest point of roof ...
Size, front ... depth ... No. stories ... solid or filled land? ... earth or rock? ...
Material of foundation ... Thickness, top ... bottom ... cellar ...
Material of underpinning ... Height ... Thickness ...
Kind of roof ... Rise per foot ... Roof covering ...
No. of chimneys ... Material of chimneys ... of lining ...
Framing lumber—Kind ... Dressed or full size? ...
Corner post ... Sills ... Girt or ledger board? ... Size ...
Girders ... Size ... Columns under girders ... Size ... Max. on centers ...
Studs (outside walls and carrying partition) 2x4-16" O. C. Bridging in every floor and flat roof span over 6 feet
Joists and rafters: 1st floor ... 2nd ... 3rd ... roof ...
On center: 1st floor ... 2nd ... 3rd ... roof ...
Maximum span: 1st floor ... 2nd ... 3rd ... roof ...

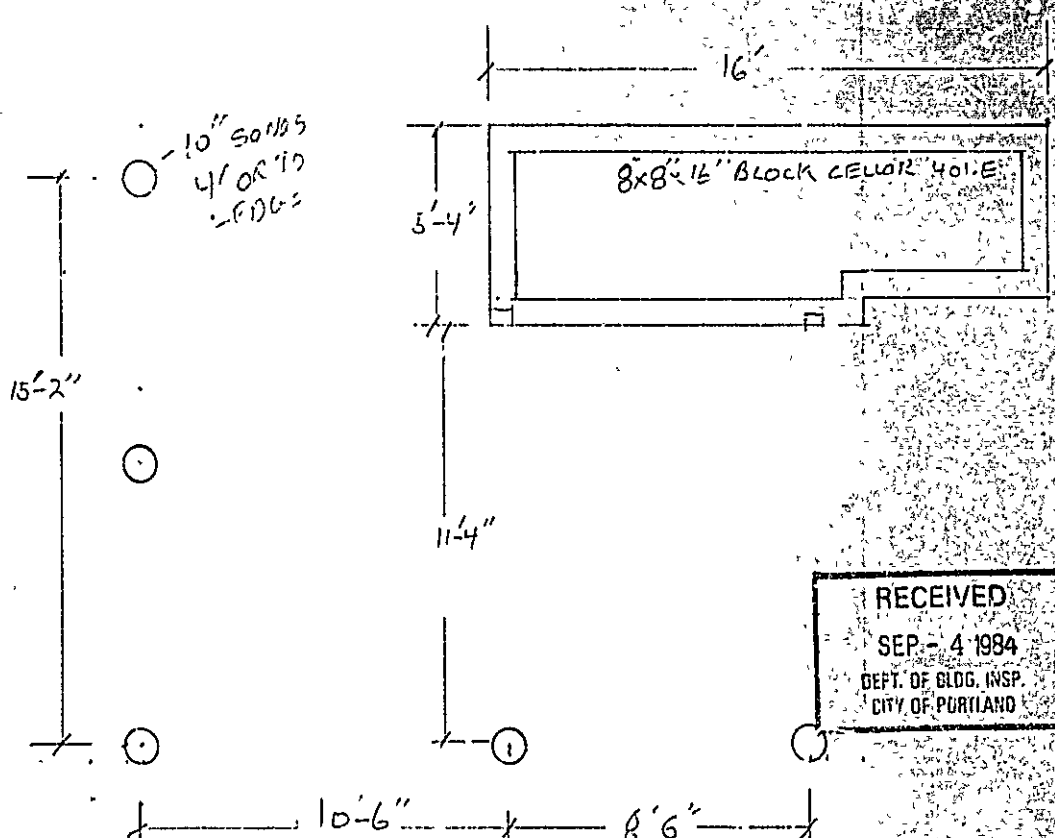
Approved:

Signature of Owner

Approved:

Inspector of Buildings

REPRODUCTION COPY



○ - 10" SOUNDS  
 4' OR '9"  
 - F.D.C. =

15'-2"

5'-4"

11'-4"

16'

8x8-16" BLOCK CEILING 401.E

RECEIVED

SEP - 4 1984

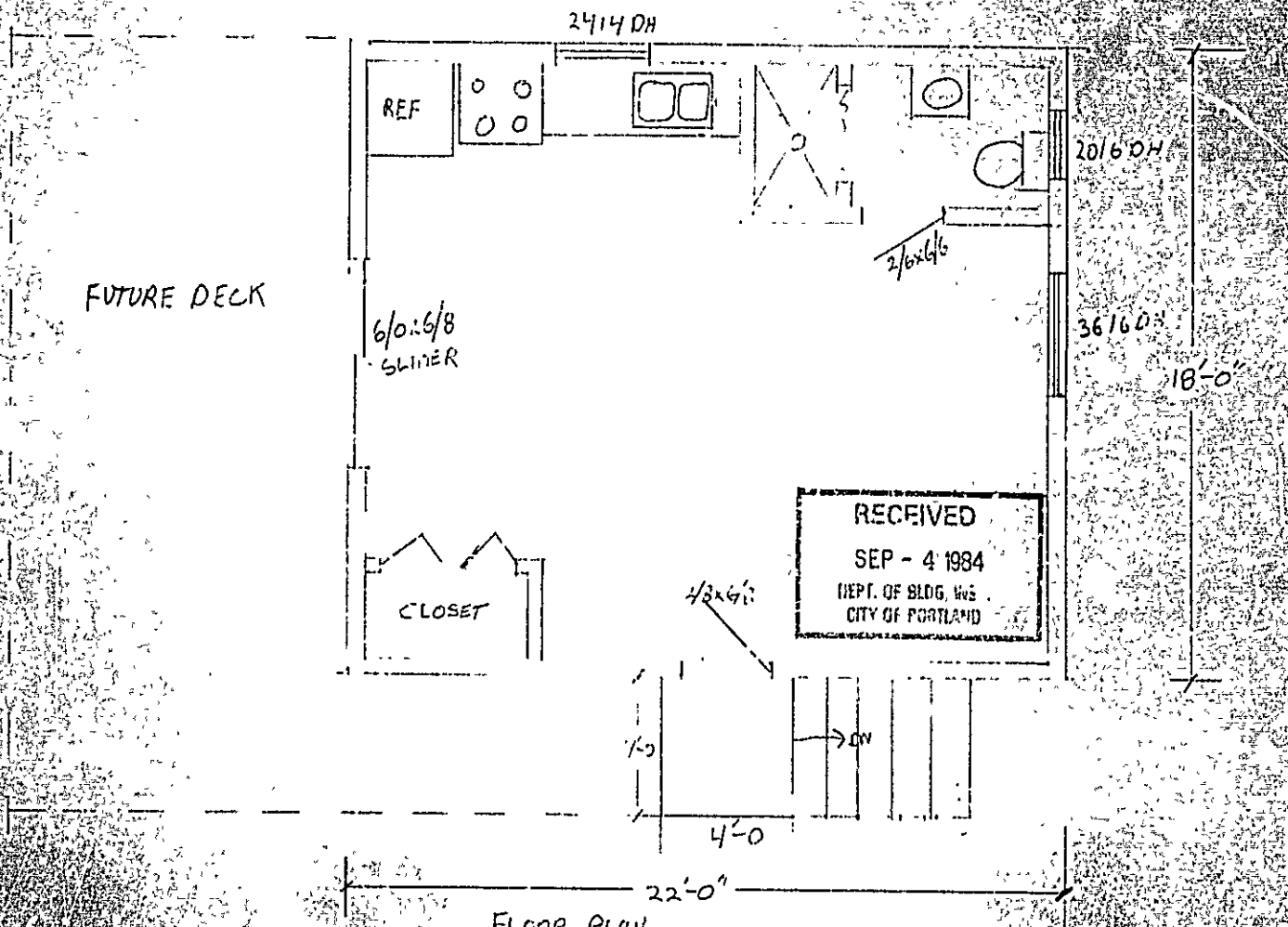
DEPT. OF BLDG. INSP.  
 CITY OF PORTLAND

10'-6"      8'-6"

FOUNDATION PLAN

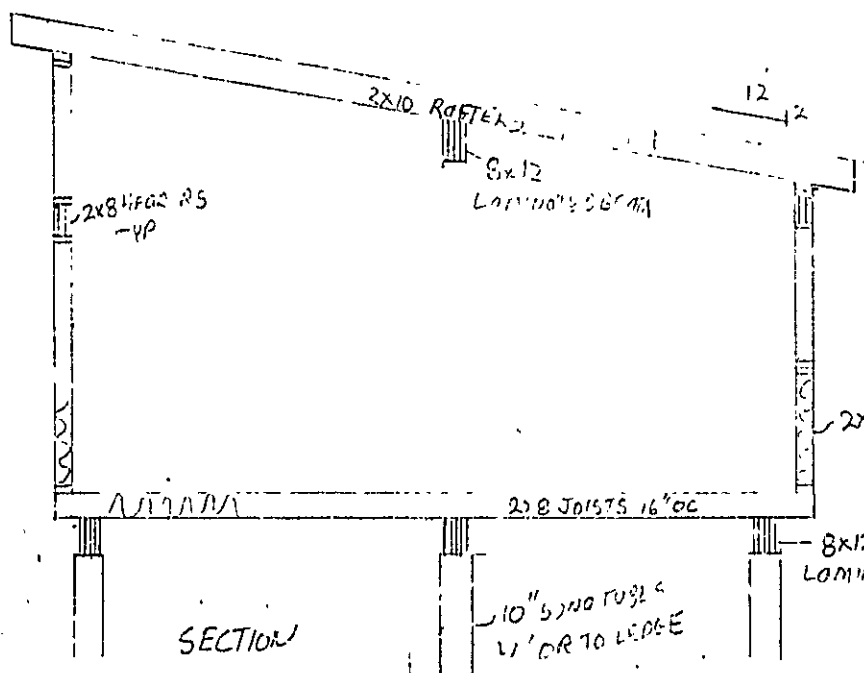
BERNDT RESIDENCE  
 ISLAND AVE  
 PEAKS ISLAND, ME





FLOOR PLAN

BERNIE RESIDENCE  
ISLAND AVE.  
PEORIA ISLAND ME

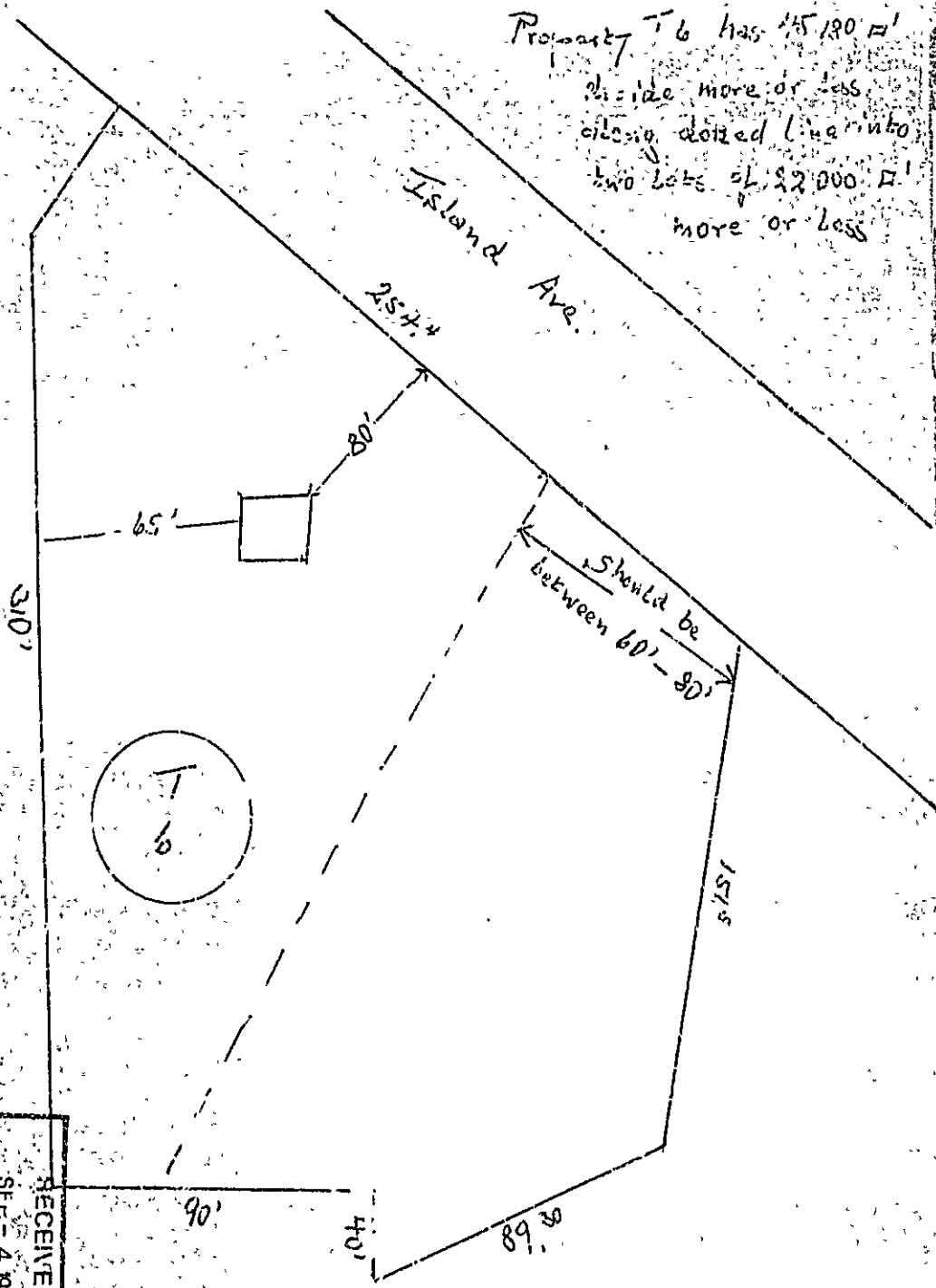


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 DEPT OF BLDG INSP  
 CITY OF PORTLAND

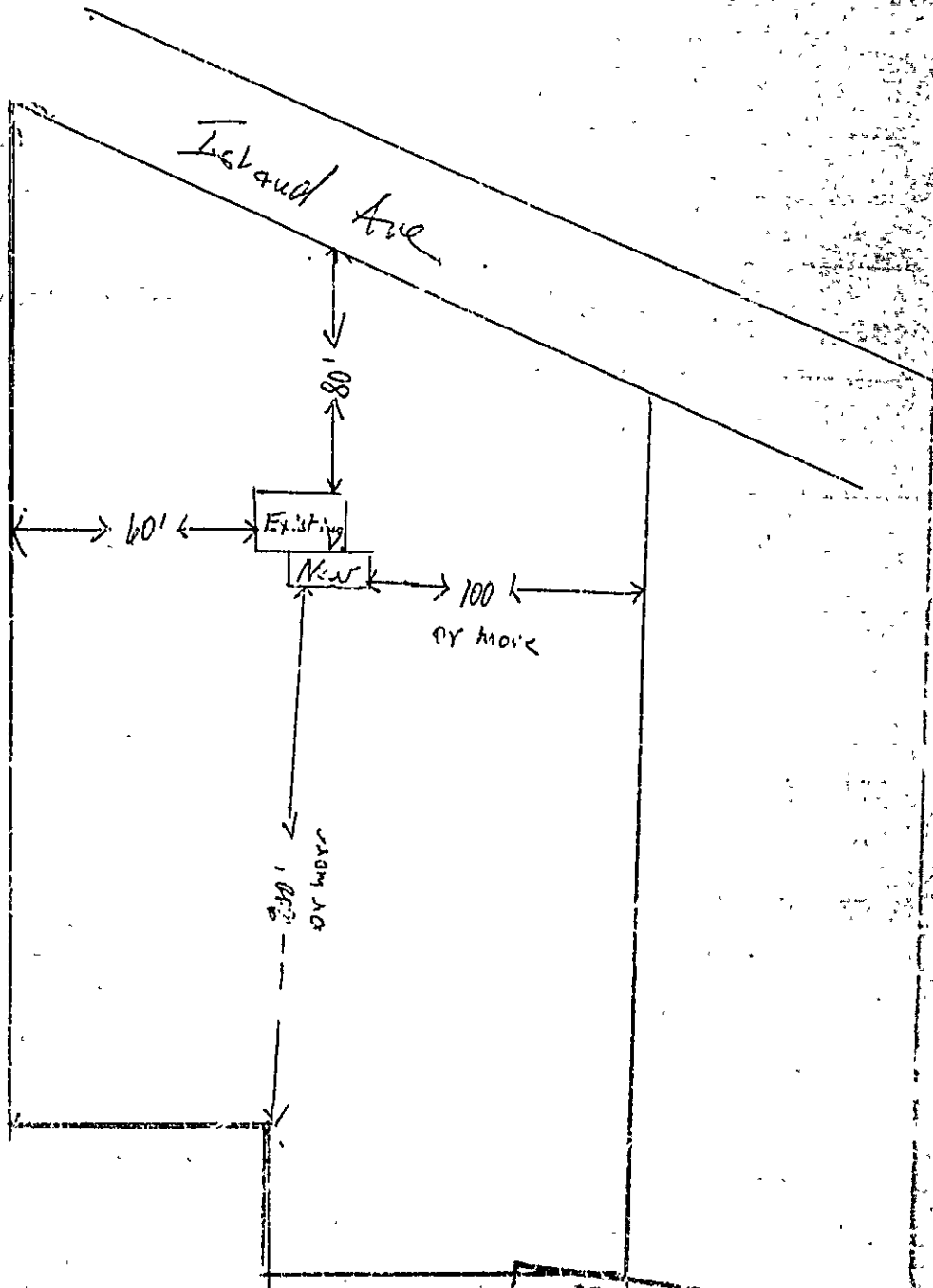
BERNOT RESIDENCE  
 ISLAND AVE  
 PEAKS ISLAND ME

Property T6 has 15,180 sq ft

divide more or less  
along dotted line into  
two lots of 12,000 sq ft  
more or less



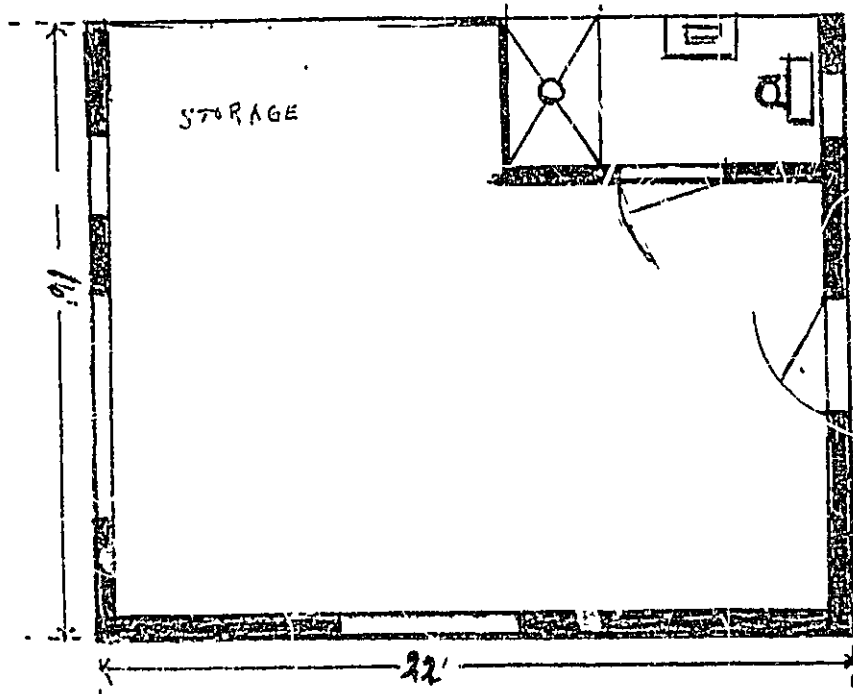
RECEIVED  
SEP - 4 1984  
DEPT. OF PUBLIC WORKS  
CITY OF PORTLAND



RECEIVED  
AUG 15 1984  
DEPT. OF BLDG. INSP.  
CITY OF PORTLAND

RECEIVED  
 AUG 13 1984  
 DEPT. OF TRANSPORT  
 STATE OF PENNSYLVANIA

1/4" = 1'



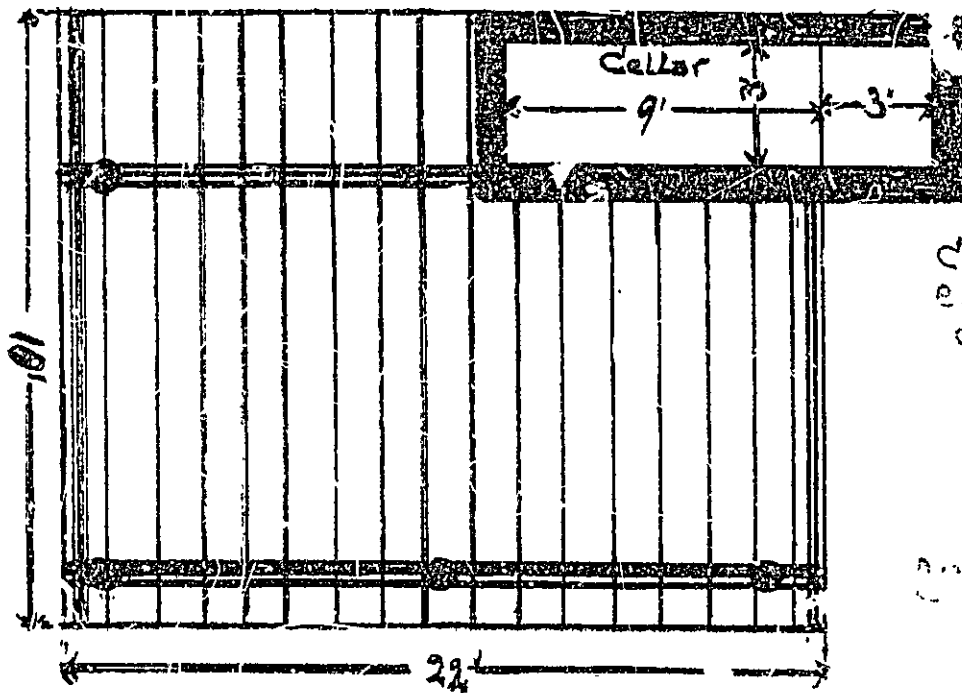
Walls outside  
 studs  
 16 joist 2x6" - 8'  
 10 labor  
 170 yd 2"x6"

Walls inside  
 16 joist 2"x4" - 8'  
 10 labor + firestop  
 46 yd 2"x4"

Siding Texture 1-11  
 15 sheet 4' x 6' x 1/2"

Headings  
 1 piece 2x4 - 11'  
 2 " 2x8 - 12'  
 2 " 2x8 - 8'

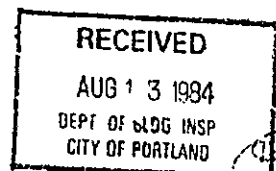
1/4" = 1'



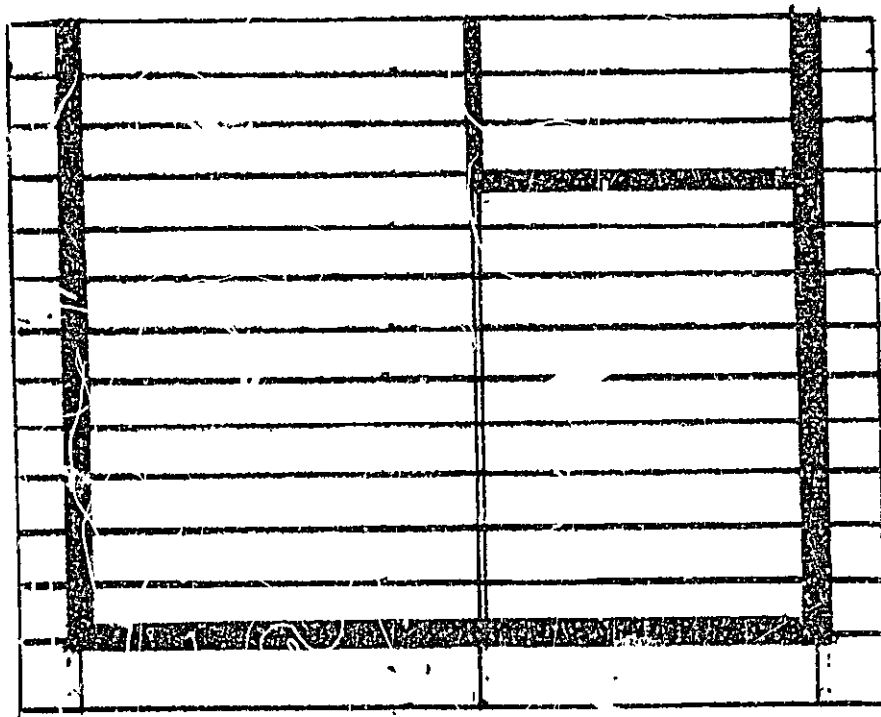
Cellar  
Excavate & place  
concrete footer 12" x 12"  
Walls & "Solia."  
concrete inside room  
12" concrete

Beams  
6 pc 2x12 - 12'  
3 " 2x12 - 14'

Beams  
12 pc 2x10 - 16'  
10 pc 2x10 - 12'



100' CONCRETE  
10" SOLID



1/4" x 8"

Roof and ceiling joists

Ply wood roof 1/2"

15 sheets 4' x 8'

Girder

1 pc. 2" x 10" - 14'

1 " 2" x 10" - 16'

ceiling

13 pc. 2" x 6" - 10'

13 " 2" x 6" - 12'

Roof

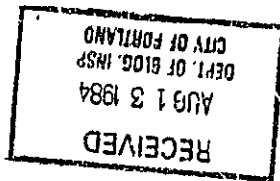
13 pc. 2" x 6" - 12'

13 " 2" x 6" - 14'

ceiling Homasote

4 pc. 1/2" x 4' x 8'

4 " 1/2" x 4' x 8'



APPLICATION FOR PERMIT

HERMIT ISSUED

B.O.C.A. USE GROUP .....

B.O.C.A. TYPE OF CONSTRUCTION ..... 978

ZONING LOCATION ..... R-3 PORTLAND, MAINE August 13, 1984

AUG 14 1984

CITY OF PORTLAND

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

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

LOCATION T-6 Island Ave., Peaks Island (87-T-9) Fire District #1  #2

1. Owner's name and address .. Arnold, Berndt - same Telephone .. none

2. Lessee's name and address .. Telephone ..

3. Contractor's name and address .. Owner Telephone ..

Proposed use of building .. dwelling = summer guests No. of sheets .. No. families ..

Last use .. same No. families ..

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

Other buildings on same lot ..

Estimated construction cost \$ .. 10,000 .. Appeal Fees \$ ..

FIELD INSPECTOR—Mr .. Base Fee .. 60.00

@ 775-5451

Late Fee ..

TOTAL \$ .. 60.00

To construct ~~for~~ 18' x 22' 1 story addition to existing summer guest house as per plans. to be set on concrete slab as per plans. 4 sheets of plans.

Stamp of Special Conditions

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

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

IF A GARAGE

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

APPROVALS BY: DATE

BUILDING INSPECTION—PLAN EXAMINER ..

ZONING: City of Portland 8/13/84

BUILDING CODE: ..

Fire Dept.: ..

Health Dept.: ..

Others: ..

MISCELLANEOUS

Will work require disturbing of any tree on a public street? ..

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

Signature of Applicant .. Arnold, Berndt Phone # same

Type Name of above .. Arnold, Berndt 15x20 30 40

Other ..

and Address ..

FIELD INSPECTOR'S COPY

APPLICANT'S COPY

OFFICE FILE COPY

Handwritten signature and notes at the bottom of the page.



NOTES

8-17-84 - Checked site  
 OK. aa

8-19-84 - Some Tubing OK.  
 Block, Altes hole OK.

WIP/OK. aa

10-11-84 - Closed in  
 Frame OK, Intention close  
 in OK. aa

10/30/84 - Tank bed out  
 to site, Hold CO. OK  
 Check bldg. aa

11-27-84 - all  
 work complete  
 OK. Send CO. aa

Permit No. 84/978

Location Edgely Camp G.H.

Owner Count of Cornwall

Date of permit 8-13-84

Approved 8-14-84

Dwelling Cedarhurst

Garage

Alteration

Del

