



STATE OF MAINE

# Department of Environmental Protection

MAIN OFFICE, RAY BUILDING, 425 PAL STREET, AUGUSTA  
MAIL ADDRESS, STATE HOUSE, AUGUSTA 04333

State House Station 17

Henry E. Warren  
GOVERNOR

ADMINISTRATIVE SERVICES  
285-1151

BUREAU

AIR QUALITY CONTROL  
285-4137

LAND QUALITY CONTROL  
285-1111

WATER QUALITY CONTROL  
285-1141  
155 COMMERCIAL STREET  
PORTLAND  
285-2581

REGIONAL OFFICES

270-2343  
1000 BROADWAY  
PORTLAND  
285-2581

634 MAIN STREET  
PORTLAND  
285-2581

ON POLLUTION BY AIR  
12 COMMERCIAL STREET  
PORTLAND  
285-2581

ON SPILL BY PORTS ONLY  
1000 BROADWAY  
PORTLAND  
285-2581

STATE'S ENVIRONMENTAL  
LICENSING SERVICE  
285-1111  
155 COMMERCIAL STREET  
PORTLAND  
285-2581

634 MAIN STREET  
PORTLAND  
285-2581

634 MAIN STREET  
PORTLAND  
285-2581

October 31, 1979

Thomas A. Struble  
112 Southview Ave.  
Kennett Square  
Pennsylvania 19348

Dear Mr. Struble:

Your waste discharge license has been approved and will be mailed to you shortly.

You can begin construction of the sandfilter once you have received your license. Please notify the Department of Environmental Protection Staff at least three (3) days before you start construction.

If I can be of any help, please contact me.

Very truly yours,

Louis Fontaine  
Division of Licensing and Enforcement  
Bureau of Water Quality Control

LF:pmf  
Enc.



Henry E. Warren  
Commissioner

# STATE OF MAINE Department of Environmental Protection

HEAD OFFICE: 500 BUCKINGHAM STREET, AUGUSTA  
MAIL ADDRESS: 210 FREDERICK STREET, AUGUSTA, MAINE 04333

APPROVAL SHEET FOR SAND FILTER DESIGN  
DEP Application No. \_\_\_\_\_  
License No. \_\_\_\_\_

- WATER RESOURCES SERVICES (202) 9
- BUREAU
- AIR QUALITY CONTROL (202) 21
- SOIL QUALITY CONTROL (202) 21
- WATER QUALITY CONTROL (202) 21
- WATER QUALITY CONTROL (202) 21

- REGIONAL OFFICES
- 30 CENTRAL STREET  
BANGOR, MAINE 04401  
(207) 946-1111
- 415 CONGRESS STREET  
PORTLAND, MAINE 04101  
(708) 649-1111
- 514 MAIN STREET  
PARSONS, MAINE 04759  
(708) 733-1111
- ONE POLLITON CORNING  
40 CONYER ROAD STREET  
PORTLAND  
(708) 649-1111
- ONE SPALL REPORTS DRIVE  
1001 FRIEDLAND ROAD - 174  
(708) 649-1111
- CITIZEN ENVIRONMENTAL  
ASSISTANCE SERVICE  
220 FREDERICK  
(708) 649-1111

Name of Applicant or Applicant: THOMAS A. STRUBLE

Mailing Address: 512 SOUTHWIND AVE  
RFD, Street, or Box No.

KENNETH SQUARE, ME 04948  
City or Town Zip Code

Location of Discharge: SOUTH ROAD - CMP # 513  
Street No. or Location

CLIFF ISLAND (CUMBERLAND)  
City or Town County

### Summary of Design Criteria

- A. Average number of people to be served..... 2
- B. Estimated flow (300 gallons per day minimum)..... 300 GPD
- C. Septic Tank Volume..... 30 gallons 75.0  
150 gal preferred
- D. Sand Filter area required (Complete Only)
- No clothes washer or garbage grinder Flow x 0.87 = \_\_\_\_\_ sq. ft.
  - With clothes washer or garbage grinder Flow x 1.05 = \_\_\_\_\_ sq. ft.
  - Seasonal use only.....  $\frac{\text{Flow}}{\text{Flow}}$  300 x 0.5 = 150 sq. ft.
- E. Type of filter (select one)
- Type 1 (12 feet wide) for areas of 150 to 350 sq. feet
- Type 2 (18 feet wide) for areas of 260 to 630 sq. feet
- Type 3 (14 feet wide) for areas of 500 to 630 sq. feet
- F. Length (L) of filter:  $\frac{\text{Area}}{\text{Width}} = \frac{\text{Length}}$   
150 / 10 = 15
- G. Filter to be sealed with 1) polyethylene liner  or 2) compacted clay \_\_\_\_\_
- H. Name and model of proposed chlorinator JET
- I. Volume and supplier of chlorine contact tank: 30 gallons  
JET - SUPERIOR CONCRETE - FINSTRAND EXCAVATORS

Submitted By  
Signature of Homeowner: Thomas Struble  
Date: SEPT 15, 1979

Approved by  
Signature: James G. Gorman  
Department of Environmental Protection  
Date: 12-31-79

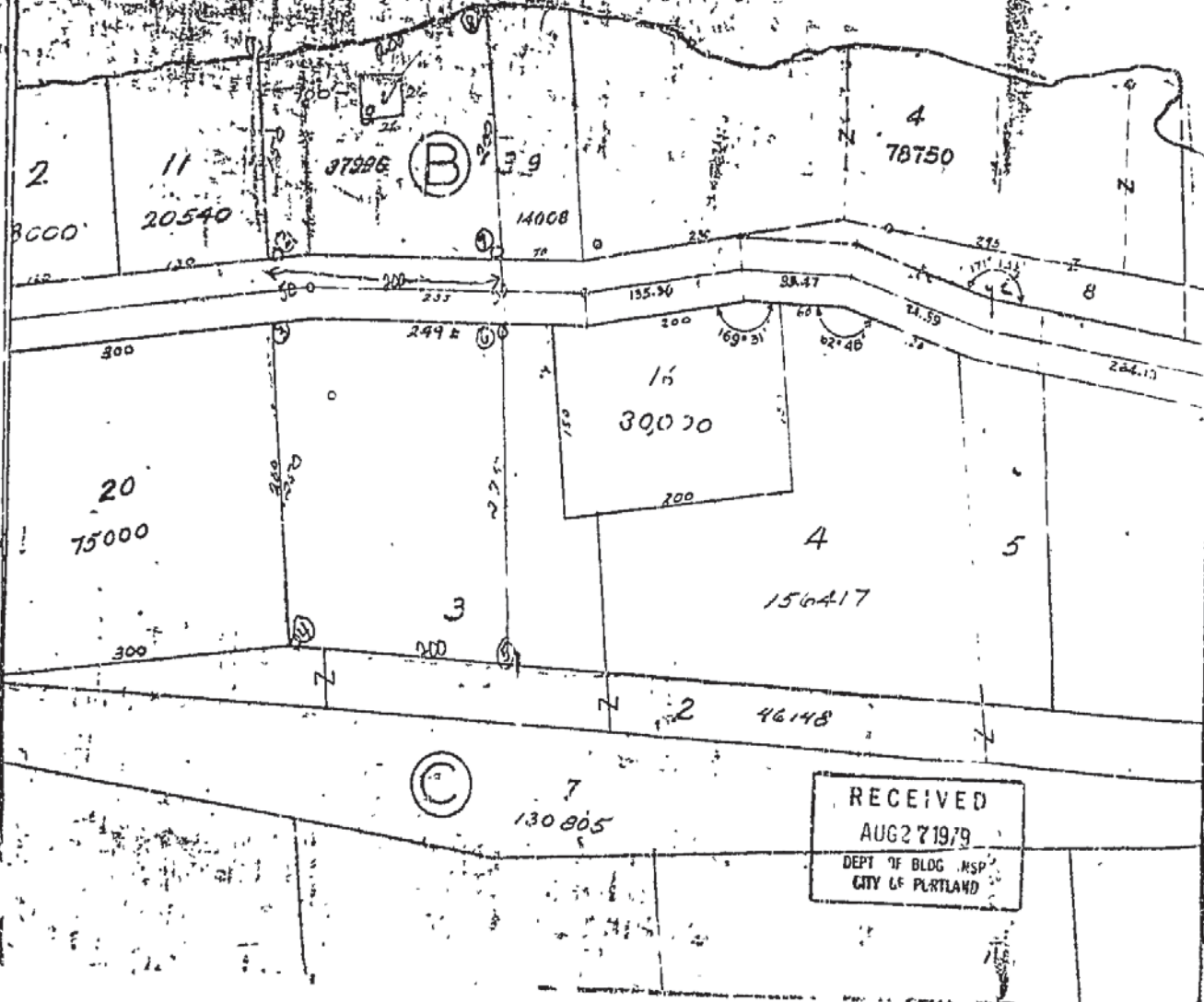
Applicant: THOMAS STRUVE Date: 8/27/79  
Address: ISLAND AVE CLIFF ISLAND  
Assessors No.: 109A-B-3

CHECK LIST AGAINST ZONING ORDINANCE

- Date - NEW
- Zone Location - R
- Interior or corner lot -
- 40-ft. setback area (Section 21) -
- Use - 24 X 25 LOTFACE
- Sewage Disposal -
- Rear Yards - OK - 15' MIN.
- Side Yards - OK - 14' MIN.
- Front Yards - OK - 10' MIN.
- Projections - NONE
- Height - 6 STORY - 35' MAX.
- Lot Area - 37,996  $\Phi$  - 4000  $\Phi$  MIN.
- Building Area - 6,864 - 7,599  $\Phi$  MAX.
- Area per Family - 37,996  $\Phi$  - 4000  $\Phi$  MIN.
- Width of Lot - 200 - 70' MIN.
- Lot Frontage 200' - 40' MIN.
- Off-street Parking -
- Loading Bays -
- Site Plan - YES
- Shoreland Zoning - YES
- Flood Plains -

STRUBBLE HOUSE

109-A



RECEIVED  
 AUG 27 1979  
 DEPT. OF BLDG. & ASP.  
 CITY OF PORTLAND



# APPLICATION FOR PERMIT

PERMIT ISSUED

B.O.C.A. USE GROUP ..... 001010  
B.O.C.A. TYPE OF CONSTRUCTION .....

NOV 7 1979  
CITY OF PORTLAND

ZONING LOCATION B-2 PORTLAND, MAINE, Aug. 27, 1979

To the DIRECTOR 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 109-A-8-3 Cliff Island Fire District #1  #2

1. Owner's name and address Thomas Struble - Home address Penn. Telephone .....

2. Lessee's name and address ..... Telephone 766-2625

3. Contractor's name and address Thomas Wright - Cliff Island 04019 Telephone .....

4. Architect ..... Specifications ..... Plans ..... No. of sheets .....

Proposed use of building cottage No. families .....

Least use ..... No. families .....

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

Other buildings on same lot .....

Estimated contractual cost \$ 23,000 Fee \$ 104.50

### FIELD INSPECTOR - Mr. GENERAL DESCRIPTION

This application is for: @ 775-5451

Dwelling ..... Ext. 234

Garage .....

Masonry Bldg. ....

Metal Bldg. ....

Alterations .....

Demolitions .....

Change of Use .....

Other .....

To construct cottage, 25 x 26 to set on 12 in. sona tubes, 4 ft. below grade as per plans, 4 sheets of plans, no garage  
Stamp of Special Conditions

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

PERMIT IS TO BE ISSUED TO 1  2  3  4   
Other: .....

### 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? ..... If not, what is proposed for sewage? overboard discharge

Has septic tank notice been sent? ..... Form notice sent? .....

Height average grade to top of plate 14 ft. Height average grade to highest point of roof 25 ft. 6 in.

Size: front 26 depth 26 No. stories 1 1/2 solid or filled land? solid earth or rock? rock

Material of foundation sona tubes Thickness, top ..... bottom ..... cellar ..... no

Kind of roof pitch Rise per foot 5/12 Roof covering asphalt shingles

No. of chimneys none Material of chimneys ..... of lining ..... Kind of heat no heat fuel

Framing Lumber - Kind struce Dressed or full size? ..... Corner posts built up Sills 4 x 6

Size Girder 4 x 6 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 2 x 9 2nd ..... 3rd ..... roof 2 x 10

On centers: 1st floor 16 2nd ..... 3rd ..... roof 16

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: OK M.W. 11/11/79

BUILDING CODE: .....

Fire Dept.: .....

Health Dept.: .....

Others: OK ing

MISCELLANEOUS

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

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

Signature of Applicant Thomas B. Wright Phone # same

Type Name of above Thomas Wright 1  2  3  4

Other ..... and Address .....

FIELD INSPECTOR'S COPY

