

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Water Department of Human Services
 Division 11400
 (207) 287-5572, 5199 FAX (207) 287-4172

PROPERTY LOCATION

City, Town, or Portion: **PORTLAND**
 Street or Road: **6 VIEW STREET**
 Subdivision, Lot #:

PORTLAND

PERMIT # 9889

TOWN COPY

OWNER/APPLICANT INFORMATION

Name (last, first, MI): **STRICKLAND DON**
 Mailing Address: **32 CENTRAL STREET GARDNER, ME 04345**
 Daytime Tel. #: **582-0030**

Date Permit Issued: **9/13/06**
 Permit Issued by: **Jeanne Bowles**
 Local Plumbing Inspector Signature

Fee: **\$1000.00** Double Fee Fee Changed
 L.P.I. # **07732**

Owner or Applicant Statement

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the suspension and/or Local Plumbing Inspector to deny a permit.

PERMIT ISSUED

325

Lot # 1144

Caution: Inspections Required

10/12/06

Signature of Owner/Applicant

CITY OF PORTLAND

Local Plumbing Inspector Signature

(2nd) Date Approved

TYPE OF APPLICATION

- First Time System
- Replacement System
Type Replaced: **CESSPOOL**
Year Installed: _____
- Expanded System
a. Minor Expansion
b. Major Expansion
- Experimental System
- Seasonal Conversion

THIS APPLICATION REQUIRES

- No Rule Variance
- First Time System Variance
- Local Plumbing Inspector Approval
- State and Local Plumbing Inspector Approval
- Replacement System Variance
- Local Plumbing Inspector Approval
- State and Local Plumbing Inspector Approval
- Minimum Lot Size Variance
- Seasonal Conversion Approval

DISPOSAL SYSTEM COMPONENTS

- Complete Non-Engineered System
- Primitive System (graywater & oil toilet)
- Alternative Toilet, specify: _____
- Non-Engineered Treatment Tank (only)
- Holding Tank _____ Gallons
- Non-Engineered Disposal Field (only)
- Separated Laundry System
- Complete Engineered System (2000gpd+)
- Engineered Disposal Field (only)
- Engineered Disposal Field (only)
- Pre-treatment, specify: _____
- Miscellaneous components

TYPE OF WATER SUPPLY

- Drilled Well
- Dug Well
- Private
- Public
- Other: _____

SIZE OF PROPERTY **24500** sq. ft. acres

SHORELAND ZONING Yes No

- Single Family Dwelling Unit, No. of Bedrooms: **3**
 - Multiple Family Dwelling, No of Units: _____
 - Other: _____
- Current Use Seasonal Year Round Undeveloped

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- Concrete
a. Regular
b. Low Profile
- Plastic
- Other: _____
CAPACITY **1000** gallons

DISPOSAL FIELD TYPE & SIZE

- Stone Bed
- Stone Trench
- Proprietary Device
a. Cluster array c. Linear
b. Regular d. H-20 loaded
- Other: _____
SIZE **1344** sq. ft. lin. ft.
28 ELJEN IN-DRAIN UNITS

GARBAGE DISPOSAL UNIT

- No
- Yes >> Specify one below:
a. Multi-compartment tank
b. _____ tons in series
c. Increase in tank capacity
d. Filter on tank outlet
- Maybe

DESIGN FLOW

270 gallons per day
 BASED ON:
 1. Table 501.1 (dwelling units)
 2. Table 501.2 (other facilities)
 SHOW CALCULATIONS
 - for other facilities -

SOIL DATA & DESIGN CLASS

PROFILE CONDITION DESIGN **B D 2**

AT Observation Hole # **TP 2**
 Depth **12** "
 OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD SIZING

- Small - 2.0 sq.ft./gpd
- Medium - 2.6 sq.ft./gpd
- Medium-Large - 3.3 sq.ft./gpd
- Large - 4.1 sq.ft./gpd
- Extra-Large - 5.0 sq.ft./gpd

PUMPING

- Not required
- May be required
- Required >> Specify only for engineered or experimental systems:
DOSE: _____ Gallons

Gallons

3. Section 503.0 (meter readings)
 ATTACH WATER-METER DATA

SITE EVALUATOR STATEMENT

I certify that on **9/27/05** (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature: *Albert Frick*

163

Date

DEPT OF BUILDING INSPECTION
 PORTLAND, ME

ALBERT FRICK

(207) 839-5563

AFA@MAINERCOM

JUN - 9 2006

Site Evaluator Name Printed

Telephone Number

E-mail Address

ALBERT FRICK ASSOCIATES - 95A COUNTY ROAD GORHAM MAINE 04038 - (207) 839-5563
 Note: Changes to or deviations from the design should be confirmed with the Site Evaluator

RECEIVED

Rev. 8/01

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation
PORTLAND

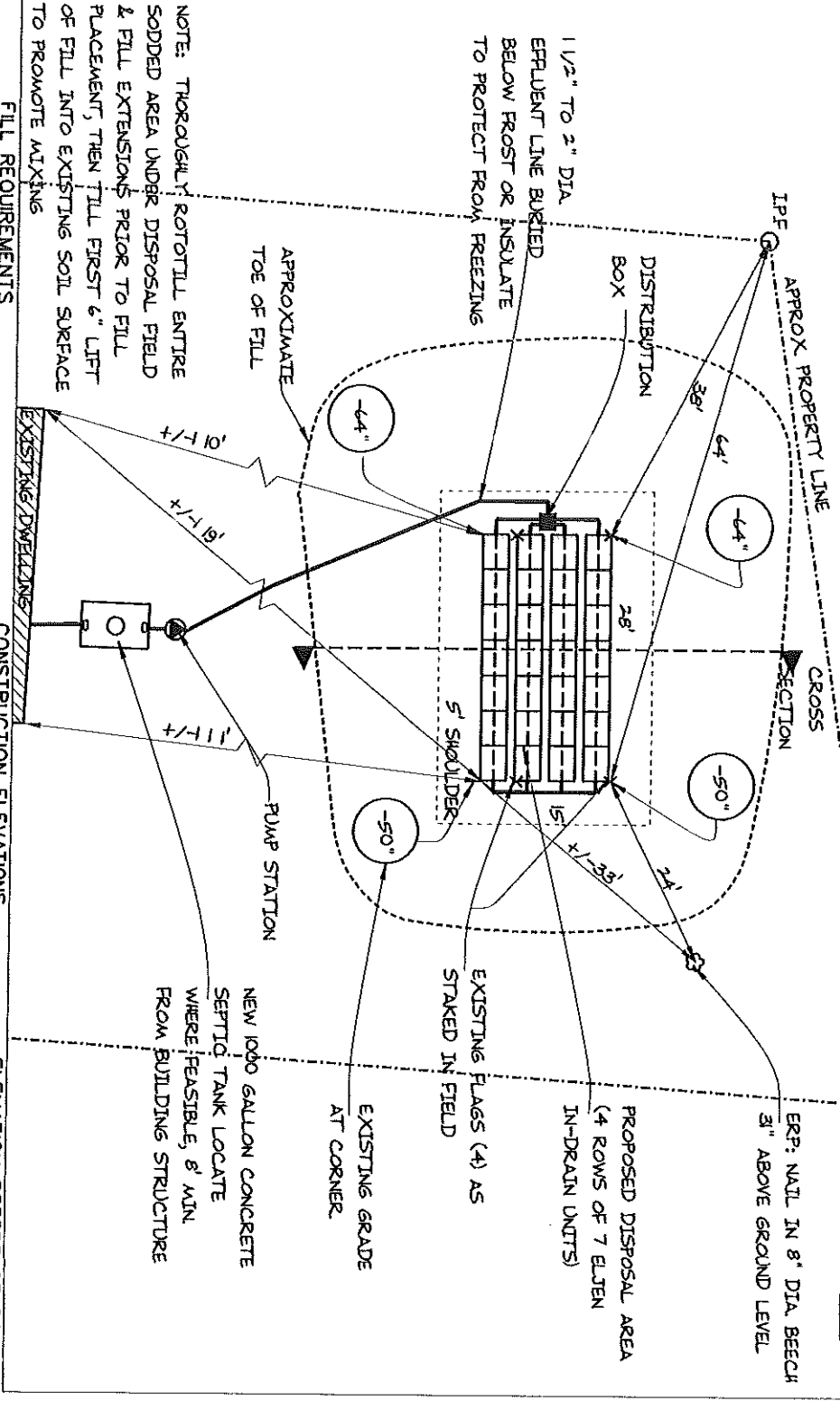
Street, Road, Subdivision
6 VIEW STREET

Owner's Name
DON STRICKLAND

Maine Department of Human Services
 Division of Health Engineering, Station 10 SHS
 (207) 287-5672 FAX (207) 287-4172

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



FILL REQUIREMENTS

Depth of Fill (upslope) = 35" - 49"
 Depth of Fill (downslope) = 35" - 49"
 DEPTHS AT CROSS-SECTION (SHOWN BELOW)

CONSTRUCTION ELEVATIONS

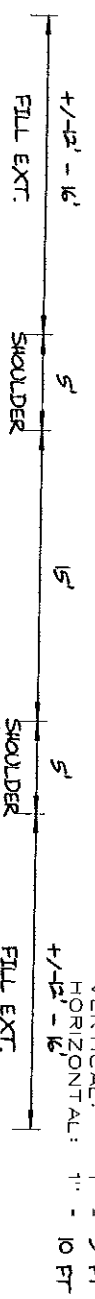
Finished Grade Elevation = 35" - 49"
 Top of Distribution Pipe or Proprietary Device = 35"
 Bottom of Disposal Area = 49"

ELEVATION REFERENCE POINT

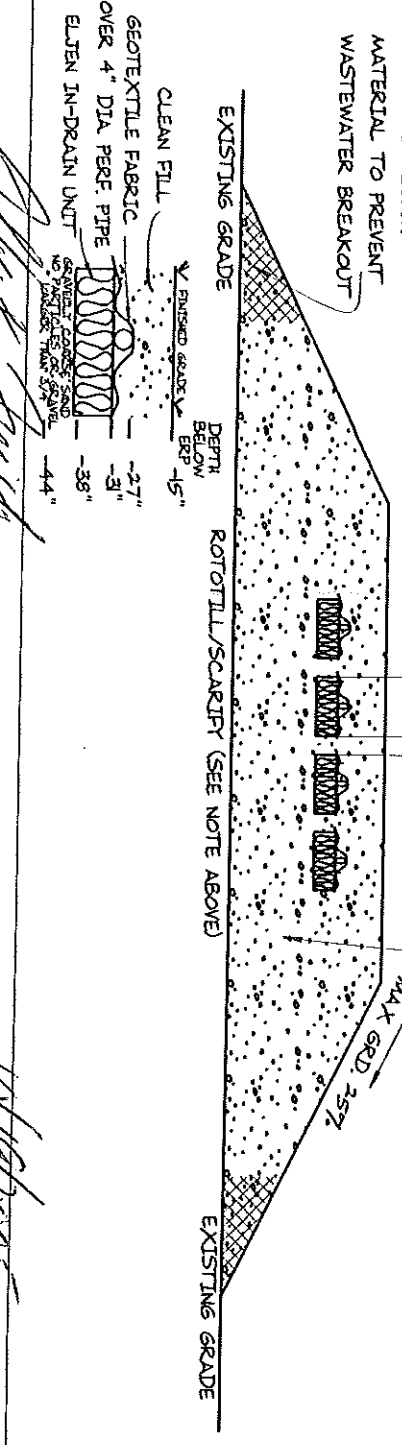
SEE DETAIL BELOW
 Location & Description 8" DIA BEECH NAIL 3" ABOVE BASE
 Reference Elevation is: 0.0' or -----

SCALE:

VERTICAL: 1" = 5 FT
 HORIZONTAL: 1" = 10 FT



CAP TOE OF FILL WITH SANDY LOAM MATERIAL TO PREVENT WASTEWATER BREAKOUT



Site Evaluator Signature
Albert Frick

SE *

Date
 10/19/2005



Albert Frick Associates, Inc.
Soil Scientists & Site Evaluators

95A County Road Gorham, Maine 04038
(207) 839-5565

PORTLAND	6 VIEW STREET	DON STRICKLAND
TOWN	LOCATION	APPLICANT'S NAME

1) The Plumbing and Subsurface Wastewater Disposal Rules adopted by the State of Maine, Department of Human Services pursuant to 22 M.R.S.A. § 42 (the "Rules") are incorporated herein by reference and made a part of this application and shall be consulted by the owner/applicant, the system installer and/or building contractor for further construction details and material specifications. The system Installer should contact Albert Frick Associates, Inc. 839-5563, if there are any questions concerning materials, procedures or designs. The system installer and/or building contractor installing the system shall be solely responsible for compliance with the Rules and with all state and municipal laws and ordinances pertaining to the permitting, inspection and construction of subsurface wastewater disposal systems.

2) This application is intended to represent facts pertinent to the Rules only. It shall be the responsibility of the owner/applicant, system Installer and/or building contractor to determine compliance with and to obtain permits under all applicable local, state and/or federal laws and regulations (including, without limitation, Natural Resources Protection Act, wetland regulations, zoning ordinances, subdivision regulations, Site Location of Development Act and minimum lot size a "buildable" lot. It is recommended that a wetland scientist be consulted regarding wetland regulations. Prior to the commencement of construction/installation, the local plumbing inspector or Code Enforcement Officer shall inform the owner/applicant and Albert Frick Associates, Inc of any local ordinances which are more restrictive than the Rules in order that the design may be amended. All designs are subject to review by local, state and/or federal authorities. Albert Frick Associates, Inc.'s liability shall be limited to revisions required by regulatory agencies pursuant to laws or regulations in effect at the time of preparation of this application.

3) All information shown on this application relating to property lines, well locations, subsurface structures and underground facilities (such as utility lines, drains, septic systems, water lines, etc.) are based solely upon information provided by the owner/applicant and has been relied upon by Albert Frick Associates, Inc. in preparing this application. The owner/applicant shall review this application prior to the start of construction and confirm this information. Well locations on abutting properties but not readily visible above grade should be confirmed by the owner/applicant prior to system installation to assure minimum setbacks.

4) Installation of a garbage (grinder) disposal is not recommended. If one is installed, an additional 1000 gallon septic tank or a septic tank filter shall be connected in series to the proposed septic tank

5) The system user shall avoid introducing kitchen grease or fats into this system. Chemicals such as septic tank cleaners and/or chlorine (such as from water treatment units) and controlled or hazardous substances shall not be disposed of in this system. Additives such as yeast or enzymes are discouraged, since they have not been proven to extend system life.

6) The septic tank should be pumped within two years of installation and subsequently as recommended by the pump service, but in no event should the septic tank be pumped less often than every three years. All septic tank, pump stations and additional treatment tanks shall be installed to prevent ground water and surface water infiltration.

ATTACHMENT TO SUBSURFACE WASTEWATER DISPOSAL APPLICATION

PORTLAND

6 VIEW STREET

DON STRICKLAND

TOWN

LOCATION

APPLICANT'S NAME

- 7) The actual water flow or number of bedrooms shall not exceed the design criteria indicated on this application without a re-evaluation of the system as proposed. If the system is supplied by public water or a private service with a water meter, the water consumption per period should be divided by the number of days to calculate the average daily water consumption (water usage (cu. ft.) x 7.48 cu. ft. (gallons per cu. ft.) divided by the # of days in period).
- 8) The general minimum setbacks between a well and septic system serving a single family residence is 100-300 feet, unless the local municipality has a more stringent requirement. A well installed by an abutter within the minimum setback distances prior to the issuance of a permit for the proposed disposal system may void this design.
- 9) When a gravity system is proposed: BEFORE CONSTRUCTION/INSTALLATION BEGINS, the system installer or building contractor shall review the elevations of all points given in this application and the elevation of the existing and/or proposed building drain and septic tank inverts for compatibility to minimum slope requirement. In gravity systems, the invert of the septic tank(s) outlet(s) shall be at least 4 inches above the invert of the distribution box outlet at the disposal area. When an effluent pump is required, provisions shall be made to make certain that surface ground water does not enter the septic tank or pump station, by sealing/grouting all seams and connections, and by placement of a riser and lid at or above grade. An alarm device warning of a pump failure shall be installed. Also, when pumping is required of a chamber system, install a "T" connection in the distribution box and place 3 inches of stone or a splash plate in the first chamber. Insulate gravity pipes, pump lines and the distribution box as necessary to prevent freezing.
- 10) On all systems, remove the vegetation, organic duff and old fill material from under the disposal area and any fill extension. On sites where the proposed system is to be installed in natural soil, scarify the bottom and sides of the excavated disposal area with a rake. Do not use wheeled equipment on the scarified soil surface. For systems installed in fill, scarify the native soil by roto-tilling to a depth of at least 8 inches over the entire disposal and fill extension area to prevent glazing and to promote fill bonding. Place fill in loose layers no deeper than 8 inches and compact before placing more fill (this ensures that voids and loose pockets are eliminated to minimize the chance of leakage or differential setting). Do not use wheeled equipment on the scarified soil area until after 12 inches of fill is in place. Keep equipment off proprietary devices. Divert the surface water away from the disposal area by ditching or shallow landscape swales.
- 11) Unless noted otherwise, fill shall be gravelly coarse sand, which contains no more than 5% fines (silt and clay).
- 12) Do not install systems on loamy, silty, or clayey soils during wet periods since soil smearing/glazing may seal off the soil interface.
- 13) Seed all filled and disturbed surfaces with perennial grass seed, then mulch with hay or equivalent material to prevent erosion. Alternatively, bark or permanent landscape mulch may be used to cover system. Woody trees or shrubs are not permitted on the disposal area or fill extensions.



Albert Frick Associates, Inc.
Soil Scientists & Site Evaluators

95A County Road Gorham, Maine 04038
(207) 859-5565

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 specifications:

Date 10-18-06
 Permit # 06-4922
 CBL # 325 B 011

LOCATION: 6 Yeild St METER MAKE & # _____
 CMP ACCOUNT # _____ OWNER Don + Dorothy Strickland
 TENANT _____ PHONE # _____

	Receptacles	Switches	Smoke Detector	TOTAL EACH FEE
OUTLETS				.20
FIXTURES	Incandescent	Fluorescent	Strips	.20
SERVICES	Overhead	Underground	TTL AMPS	<800 15.00
	Overhead	Underground	>800	25.00
Temporary Service	Overhead	Underground	TTL AMPS	25.00
METERS	(number of)			25.00
MOTORS	(number of)			1.00
RESID/COM	Electric units			2.00
HEATING	oil/gas units	Interior	Exterior	1.00
	Ranges	Cook Tops	Wall Ovens	5.00
APPLIANCES	Insta-Hot	Water heaters	Fans	2.00
	Dryers	Disposals	Dishwasher	2.00
MISC. (number of)	Compactors	Spa	Washing Machine	2.00
	Others (denote)			2.00
Air Cond/win			3.00	
Air Cond/cent			10.00	
HVAC		EMS	Thermostat	5.00
Signs			10.00	
Alarms/res			5.00	
Alarms/com			15.00	
Heavy Duty(GRKT)			2.00	
Circus/Carnv			25.00	
Alterations			5.00	
Fire Repairs			15.00	
E Lights			1.00	
E Generators			20.00	
PANELS	Service	Remote	Main	4.00
TRANSFORMER	0-25 Kva			5.00
	25-200 Kva			8.00
Over 200 Kva			10.00	
MINIMUM FEE/COMMERCIAL	55.00			
TOTAL AMOUNT DUE				45.00
MINIMUM FEE				45.00

RECEIVED
 DEPT. OF BUILDING INSPECTION
 CITY OF PORTLAND, ME
 OCT 18 2006

CONTRACTORS NAME SPC Electrical MASTER LIC. # _____
 ADDRESS 595 River St LIMITED LIC. # 1M50016955
 TELEPHONE 671-9074
 SIGNATURE OF CONTRACTOR [Signature]
 White Copy - Office • Yellow Copy - Applicant