

10/17 5/29/13

LPI

Maine Dept. Health & Human Services
Div of Environmental Health, 11 SHS
(207) 287-5672 Fax: (207) 287-4172

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY LOCATION

City, Town, or Plantation: **AUGUSTA**

Street or Road: **417 EASTERN AVE**

Subdivision, Lot #: **MAIL 128**

OWNER/APPLICANT INFORMATION

Name (last, first, MI): **HUNT BRUCE** Owner Applicant

Mailing Address of Owner/Applicant: **311 BOOT COVE WINTHROP ME 04364**

Daytime Tel. #: **242-8185**

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 Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant: Janet Hunt Date: 5/23/13

>> CAUTION: LPI APPROVAL REQUIRED <<

AUGUSTA PERMIT #6794
Date Permit Issued: 5/24/13

TOWN COPY \$ 150.00 fee
LPI # 850

CAUTION: INSPECTION REQUIRED

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

Local Plumbing Inspector Signature: May R. Yedlin (1st) date approved: 6/24/13
(2nd) date approved: _____

PERMIT INFORMATION

TYPE OF APPLICATION

1. First Time System
 2. Replacement System
Type replaced: UNKNOWN
Year installed: 1998

3. Expanded System
 a. <25% Expansion
 b. >25% Expansion

Experimental System
 Seasonal Conversion

THIS APPLICATION REQUIRES

1. No Rule Variance
 2. First Time System Variance
a. Local Plumbing Inspector Approval
b. State & Local Plumbing Inspector Approval

3. Replacement System Variance
a. Local Plumbing Inspector Approval
b. State & Local Plumbing Inspector Approval

4. Minimum Lot Size Variance
 5. Seasonal Conversion Permit

DISPOSAL SYSTEM TO SERVE

1. Single Family Dwelling Unit, No. of Bedrooms: 3
 2. Multiple Family Dwelling, No. of Units: _____
 3. Other: _____ (specify)

Current Use Seasonal Year Round Undeveloped

DISPOSAL SYSTEM COMPONENTS

1. Complete Non-engineered System
 2. Primitive System (graywater & alt. toilet)
 3. Alternative Toilet, specify: _____
 4. Non-engineered Treatment Tank (only)
 5. Holding Tank, _____ gallons
 6. Non-engineered Disposal Field (only)
 7. Separated Laundry System
 8. Complete Engineered System (2000 gpd or more)
 9. Engineered Treatment Tank (only)
 10. Engineered Disposal Field (only)
 11. Pre-treatment, specify: _____
 12. Miscellaneous Components

TYPE OF WATER SUPPLY

1. Drilled Well 2. Dug Well 3. Private
 4. Public 5. Other

SIZE OF PROPERTY

2.4 AC SQ. FT. ACRES

SHORELAND ZONING

Yes No

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. Concrete EXISTING
 a. Regular
 b. Low Profile
 2. Plastic
 3. Other: _____
CAPACITY: 1000 GAL.

DISPOSAL FIELD TYPE & SIZE

1. Stone Bed 2. Stone Trench
 3. Proprietary Device
a. cluster array c. Linear
 b. regular load d. H-20 load
 4. Other: _____
SIZE: 337.5 sq. ft. lin. ft.

GARBAGE DISPOSAL UNIT

1. No 2. Yes 3. Maybe
If Yes or Maybe, specify one below:
 a. multi-compartment tank
 b. _____ tanks in series
 c. increase in tank capacity
 d. Filter on Tank Outlet

DESIGN FLOW

270 gallons per day
BASED ON:
 1. Table 4A (dwelling unit(s))
 2. Table 4C (other facilities)
SHOW CALCULATIONS for other facilities

SOIL DATA & DESIGN CLASS

PROFILE CONDITION: 51C
at Observation Hole # IP-1
Depth 18"
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING

1. Medium---2.6 sq. ft. / gpd
 2. Medium---Large 3.3 sq. ft. / gpd
 3. Large---4.1 sq. ft. / gpd
 4. Extra Large---5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP

1. Not Required
 2. May Be Required DEPENDS ON TANK ELEVATION
 3. Required
Specify only for engineered systems:
DOSE: _____ gallons

3. Section 4G (meter readings)
ATTACH WATER METER DATA

LATITUDE AND LONGITUDE

at center of disposal area
Lat. 44 d 18 m 16 s
Lon. 69 d 44 m 45 s
if g.p.s, state margin of error: GOOGLE

SITE EVALUATOR STATEMENT

I certify that on 4-16-13 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Signature: David Studer SE # 275 Date 4-18-13

David Studer, LSE 275
93 Sprague Road
Washington, ME 04574
207-845-2352
irenic@midcoast.com

Telephone Number: 845-2352 E-mail Address: irenic@midcoast.com

Note: uld be confirmed with the Site Evaluator.

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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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 Division of Environmental Health
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation

Street, Road, Subdivision

Owner's Name

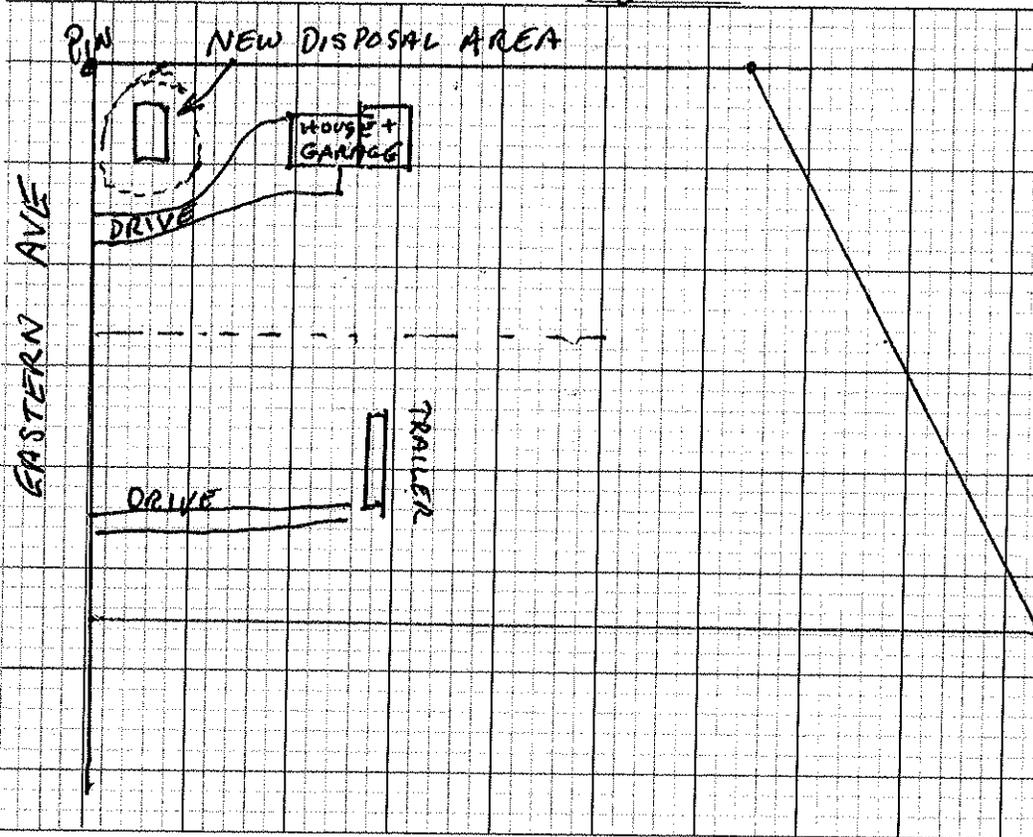
AUGUSTA

417 EASTERN AVE

BRUCE MUNT

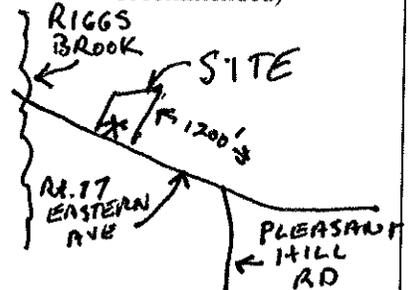
SITE PLAN

Scale 1" = 100' ± ft. or as shown



SITE LOCATION PLAN

(map from Maine Atlas recommended)



MAP 11-128

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP-1 Test Pit Boring
 " Depth of Organic Horizon Above Mineral Soil

Observation Hole _____ Test Pit Boring
 " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0	LOAM		DK BN	
10	MED SAND	FRIABLE	TAN	
20		NO RESTRICTIONS		FEW FAIN
30				
40				
50				

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

Soil Classification S C	Slope 0-3 %	Limiting Factor 18"	<input checked="" type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile	Condition		

Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile	Condition		

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AUGUSTA

417 EASTREN AVE

BRUCE HUNT

SUBSURFACE WASTEWATER DISPOSAL PLAN

SEE ATTACHED

SCALE: 1" = _____ FT.

FILL REQUIREMENTS

CONSTRUCTION ELEVATIONS

ELEVATION REFERENCE POINT

Depth of Fill (Upslope) 18" Finished Grade Elevation

-49"

Depth of Fill (Downslope) 18-21" Top of Distribution Pipe or Proprietary Device

-37

Bottom of Disposal Area

-31

Location & Description: NAIL IN FLAGGED TREE 48" ABOVE GRADE
 Reference Elevation: 0"

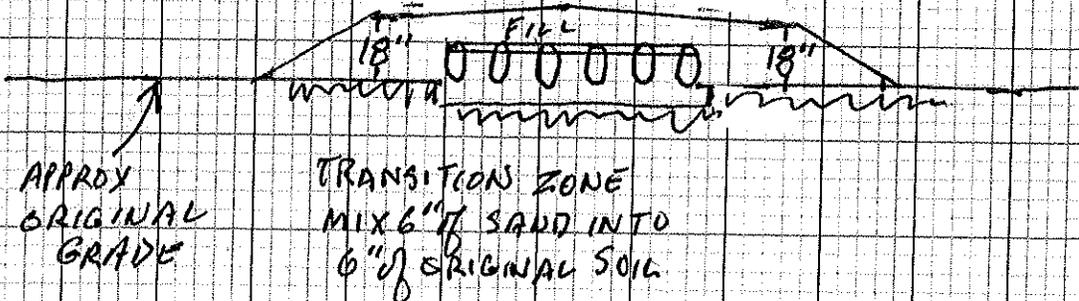
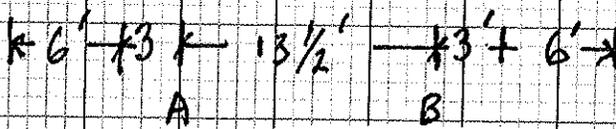
DISPOSAL AREA CROSS SECTION

Scale

Horizontal 1" = 10 ft.

Vertical 1" = 5 ft.

THRU A → B

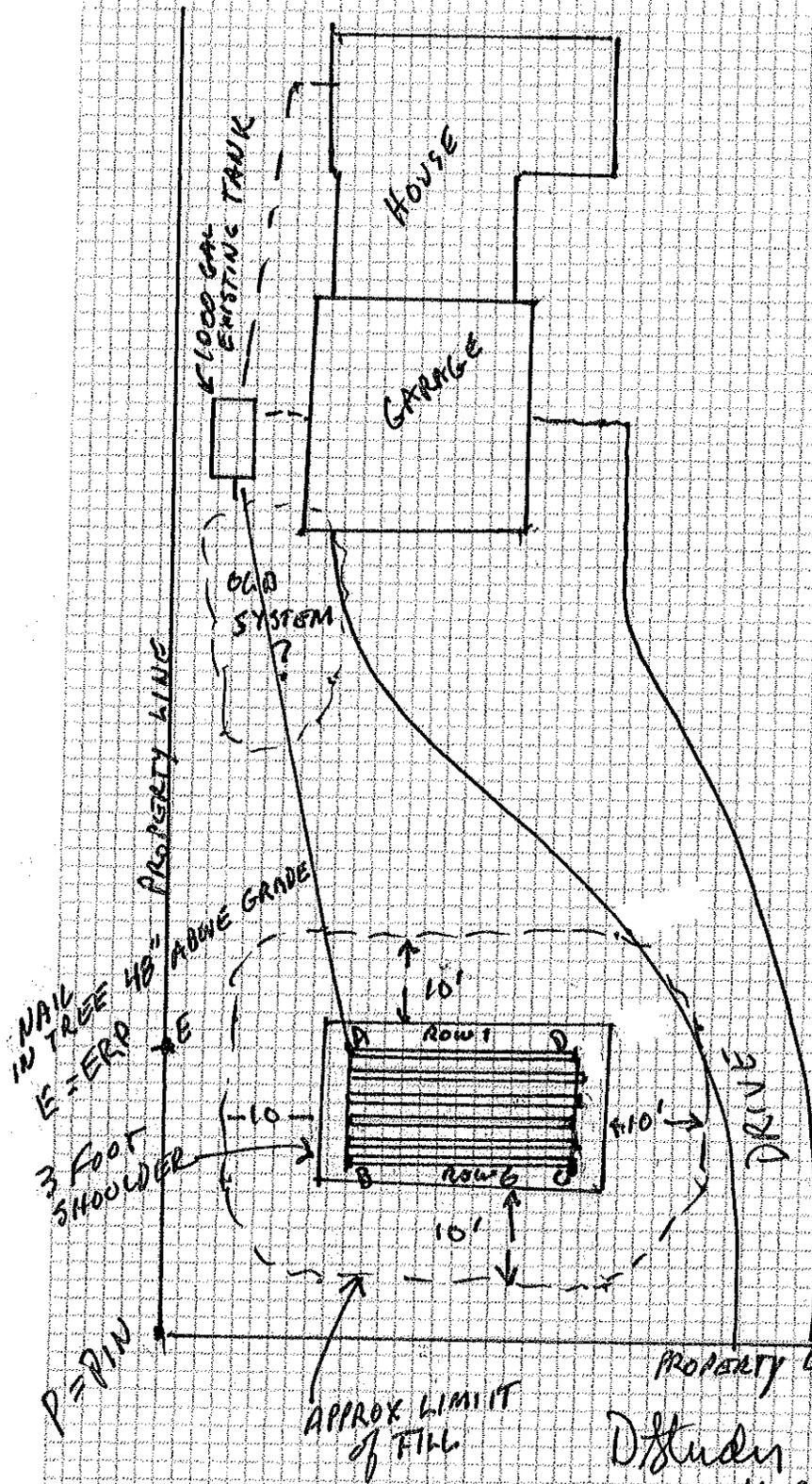


FILL IS MED. COARSE SHARP SAND 3" MINUS LESS THAN 4% FINES

D. J. Studer
 Site Evaluator Signature

275
 SE #

4-20-13
 Date



1" = 20'

- AB = 13.5
- AD = 25
- PA = 37.5'
- PD = 27.5'
- EA = 18.75'
- EB = 22.75'

FINISHED GRADE	- 92"
TOP OF PIPE	- 21"
BOTTOM OF PIPE	- 33"
BOTTOM OF 6" SAND UNDER PIPE	- 39"

6 Rows of 25'
 ENVIRO SEPTIC PIPE
 2.5' ON CENTER
 18" EDGE OF PIPE TO
 EDGE OF PIPE
 ALL ROWS ON SAME
 ELEVATION

District 275
 4-20-13

BRUCE HUNT
 417 EASTERN AVE
 AUGUSTA

Additional information about your system and HHE-200 Form

1. You should have your septic tank pumped out every 3 years to prolong the life of the system.
2. Water softners should drain to a separate graywater disposal system.
3. Your septic system must be installed on correct elevations and all joints, etc must be watertight. This applies to the pump tanks if your system requires pumping. Distribution boxes shall have "Equalizers" installed on the outlets, if more than one port is used
4. Low volume toilets and water conservation measures are recommended, even if your design does not require them.
5. All construction shall conform to State of Maine Subsurface Waste Disposal Rules, Chapter 241.
6. Fill shall be loamy medium sharp sand with sufficient fines for compaction. See Rules for backfill specifications. Fill shall be placed in 8-10 lifts. The top 4 inches of cover shall be loam or sandy loam, to assure a good catch of grass.
7. All wells shall be at least 100 feet from leaching field unless a variance is granted or the well is cased to appropriate depth. See rules.
8. Property lines are as provided by the owner. No accuracy is implied. Actual lines must be confirmed by a survey.
9. Installation of tanks shall have a Zabel Model A-1800 or equal on outlet. Install a low profile tank when it is determined to be necessary by field conditions.
10. Force mains, pump stations, and/or gravity piping subject to freezing shall be adequately insulated.
11. Systems shall be provided with adequate erosion control until vegetated cover is established.
12. Remove all vegetation and organic material under the leach field and extensions-- Caution--Avoid compaction of original soil under the leaching field and extensions during construction.
13. The design flow should not be exceeded in any day. Do not install garbage grinders or disposals with this design.
14. The LPI shall inform the owner and designer of any local ordinances or requirements exceeding the rules, prior to issuing the permit, so that the application may be properly amended.
15. GeoFlow pipe and Enviro-Septic pipe are considered equal in the rules. Pipe should be installed with mfg. Installation instructions.