SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation	HOLLIS
Street or Road	CAROLINE CROSSING
Subdivision, Lot #	LOT 2 3 R's SUBDIVISION

OWNER/APPLICANT INFORMATION

Name (last, first, MI) (Owner / Applicant)	GRAY CONTRACTING
Mailing Address of ☐ Owner ☐ Applicant	50 WATERS EDGE
	HOLLIS, ME
Daytime Tel. #	727-5001

>> Caution: Permit Required -- Attach In Space Below <<

HOLLIS 1989 TOWN COPY
Date Permit Issued: 6/26/03 $ 100.00 FEE ☐ If Double Fee Charged
Local Plumbing Insector Signature
L.P.I. # 618

Municipal Tax Map # 15 Lot # 59-2

Owner or Applicant Statement

I state 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 — Date: 7-11-03

Caution: Inspections 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 — (1st) Date Approved: Bed Bottom 7-14-03 — (2nd) Date Approved: 7-17-03

PERMIT INFORMATION

TYPE OF APPLICATION
1. ☒ First Time System
2. ☐ Replacement System
Type Replaced: _____
Year Installed: _____
3. ☐ Expanded System
   a. ☐ One-time exempted
   b. ☐ Non-exempted
4. ☐ Experimental System
5. ☐ 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 Approval

DISPOSAL SYSTEM COMPONENT(S)
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

SIZE OF PROPERTY
40,160 ☒ sq. ft. ☐ acres

SHORELAND ZONING
☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE
1. ☒ Single Family Dwelling Unit, No. of Bedrooms: 3
2. ☐ Multiple Family Dwelling, No. of Units: _____
3. ☐ Other: _____ (SPECIFY)

TYPE OF WATER SUPPLY
1. ☒ Drilled Well 2. ☐ Dug Well 3. ☐ Private
4. ☐ Public 5. ☐ Other:

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ Concrete
   a. ☒ Regular
   b. ☐ Low Profile
2. ☐ Plastic
3. ☐ Other: _____
CAPACITY 1000 gallons

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 700 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT
1. ☒ No 3. ☐ Maybe
2. ☐ Yes >> 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 501.1 (dwelling unit(s)
2. ☐ Table 501.2 (other facilities)
SHOW CALCULATIONS
-- for other facilities --
3. ☐ Section 503.0 (meter readings)
ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION DESIGN
5 B 2
at Observation Hole # TP102
Depth 48 " Elevation — "
OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD SIZING
1. ☐ Small -- 2.0 sq. ft./gpd
2. ☒ Medium -- 2.6 sq. ft./gpd
3. ☐ Medium-Large -- 3.3 sq. ft./gpd
4. ☐ Large -- 4.1 sq. ft./gpd
5. ☐ Extra Large -- 5.0 sq. ft./gpd

PUMPING
1. ☐ Not Required
2. ☑ May Be Required
3. ☐ Required >> Specify only for engineered or experimental systems:
DOSE: gallons

SITE EVALUATOR STATEMENT

I Certify that on 7/1/03 (date) AND 10/31/01 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).

Timothy O. Brown For BHam — 130 — 7/9/03
Site Evaluator Signature — SE # — Date

Timothy O. Brown — 839-2771
Site Evaluator Name Printed — Telephone #

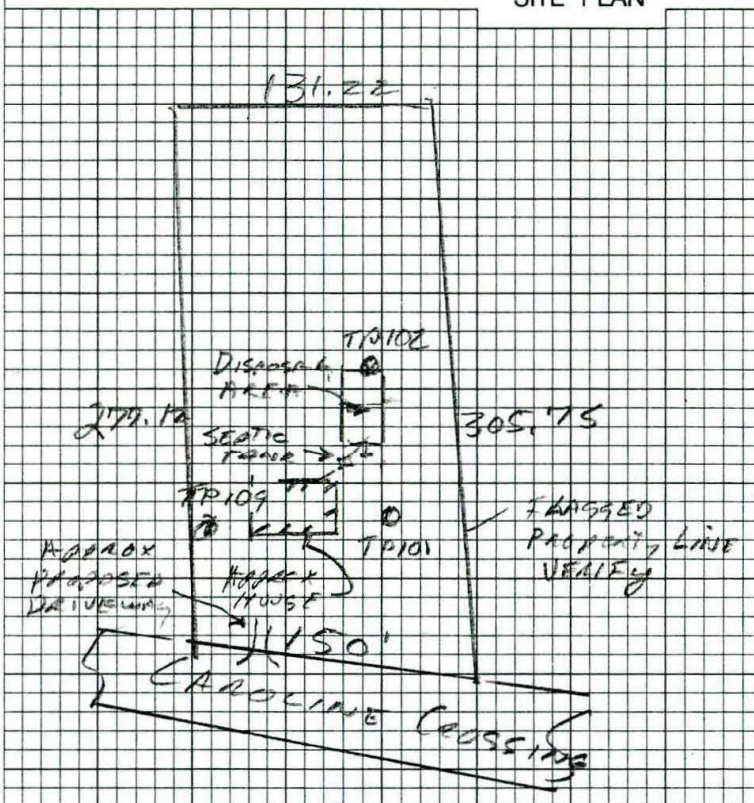
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: HOLLIS | Street, Road Subdivision: CAROLINE CROSSING LOT 2 | Owner's Name: GRAY GEN. CONTRACTING

SITE PLAN

Scale 1" = _____ Ft. or as shown



SITE LOCATION PLAN
(Map from Maine Atlas recommended)

SEE SUBDIVISION

NOTES
1. Property lines per survey plan. Verify prior to construction.
2. The latest revision to the plumbing code is hereby made part of this application.
3. All State and local codes shall be followed.
4. No garbage disposal unit is included in the design.

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

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

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0				
10				
20	See Attached →			
30				
40				
50				

Soil Classification	Slope	Limiting Factor	
Profile _____ Condition _____	____ %	____"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

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

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

Soil Classification	Slope	Limiting Factor	
Profile _____ Condition _____	____ %	____"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Site Evaluator Signature: [signature] for BHDM | SE # 130 | Date: 7/9/03

HANSON SUBDIVISION WATERBORO AND HOLLIS

SOIL DESCRIPTION AND CLASSIFICATION

Observation Hole TP #101 ☒ Test Pit ☐ Boring

2" * Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
FINE SANDY LOAM		DARK BROWN	
LOAMY SAND	FRIABLE	REDDISH BROWN	
FINE SAND		LIGHT BROWN	
		ORANGISH BROWN	
VERY FINE SAND			

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B	%	NONE EVIDENT	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

LOT 2

Observation Hole TP 102 ☒ Test Pit ☐ Boring

4" * Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
SANDY LOAM		DARK BROWN	
		REDDISH BROWN	
LOAMY SAND	FRIABLE		
MEDIUM SAND		YELLOWISH BROWN	
		LIGHT BROWN	
			FAINT

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	C	%	41"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

LOT 2

SOIL DESCRIPTION AND CLASSIFICATION

Observation Hole TP #103 ☐ Test Pit ☐ Boring

3" * Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
FINE SANDY LOAM		BROWN	
		YELLOWISH BROWN	
LOAMY SAND			
VERY FINE SAND	FRIABLE	LIGHT BROWN	
GRAVELLY MEDIUM SAND			

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B	%	NONE EVIDENT	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

LOT 4

Observation Hole TP 104 ☒ Test Pit ☐ Boring

* Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
SANDY LOAM		DARK BROWN	
		REDDISH BROWN	
LOAMY SAND	FRIABLE	LIGHT BROWN	
MEDIUM SAND			
GRAVELLY MEDIUM SAND	LOOSE		

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B	%	NONE EVIDENT	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

LOT 4

Site Evaluator Signature For BH2M

130 SE#

10/31/01 Date

LOT 4

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

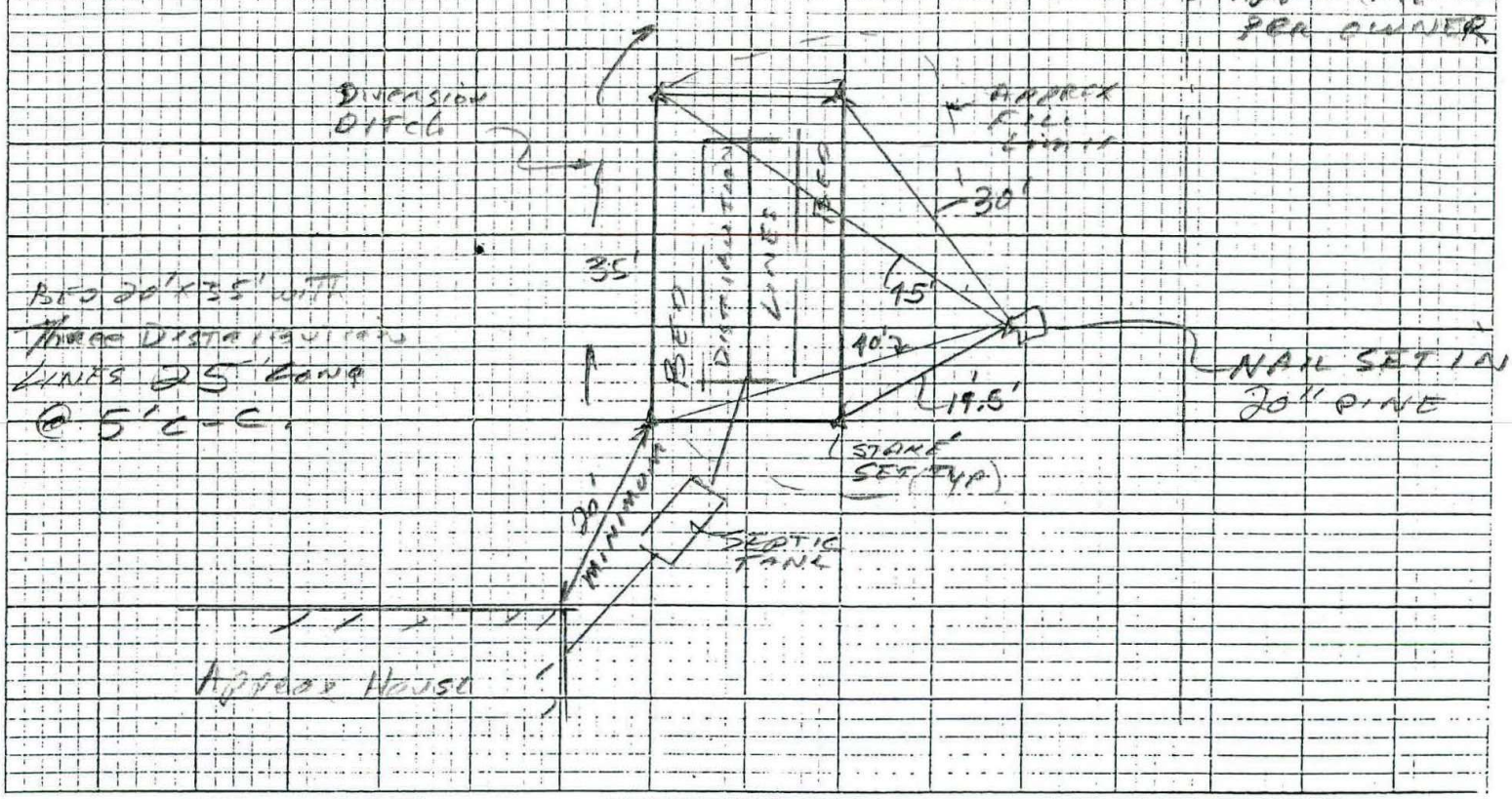
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
HOLLIS	CAROLINE CROSSING LOT 2	GRAY GEN. CONTRACTING

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

NOTE: PROPOSED WELL TO BE SET OVER 100' FROM BED AND TANK.



BACKFILL REQUIREMENTS

Depth of Backfill (upslope) 0 "
Depth of Backfill (downslope) VARIES 12-18"
DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

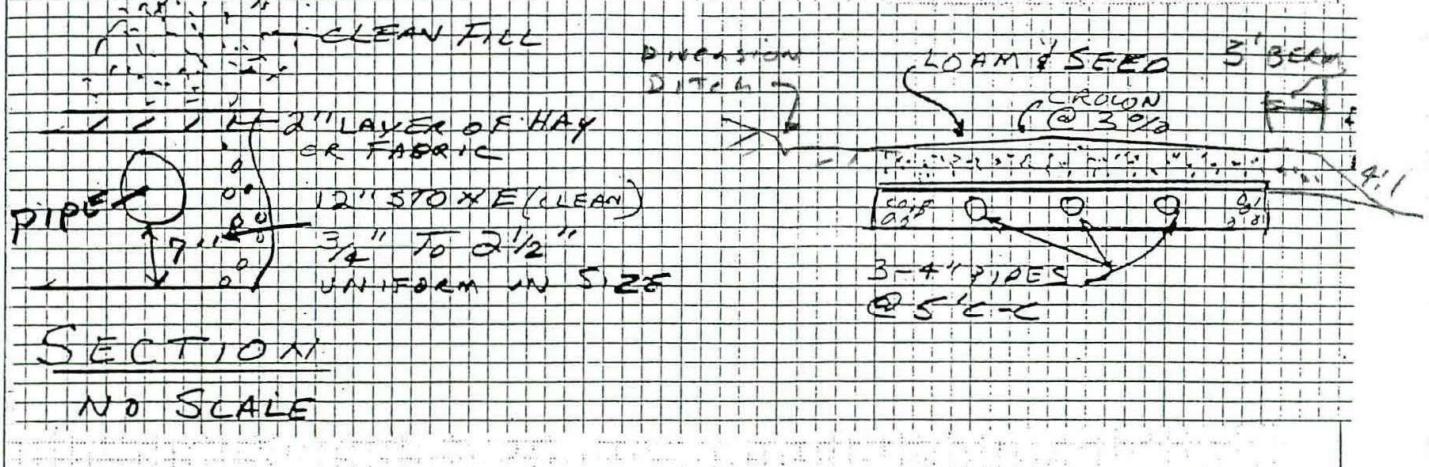
Finished Grade Elevation -20 "
Top of Distribution Pipe or Proprietary Device -29
Bottom of Disposal Field -40 "

ELEVATION REFERENCE POINT

Location & Description: NAIL IN 20" PINE
Reference Elevation is: 0.0" or: —

DISPOSAL FIELD CROSS-SECTION

Scales:
Vertical: 1" = 5 ft.
Horizontal: 1" = 10 ft.



SECTION
NO SCALE

Thomas D Bacon — Site Evaluator Signature
130 — SE #
7/9/03 — Date
FOR B HAM