

M10 L24A

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION	
Town or Station	AUGUSTA
Street	CONY ST. EXT
Subdivision Lot #	
PROPERTY OWNERS NAME	
Last: HUTCHINGS	First: ROSS
Mailing Address of Owner	RR#7 BOX 2505 AUGUSTA, ME 04330
Daytime Tel. #	622-9308

AUGUSTA	3445	TOWN COPY
Date Permit Issued: 12/13/95	\$ 60.00	<input type="checkbox"/> If Double Fee Charged
<i>[Signature]</i>	L.P.I. #	
Local Plumbing Inspector Signature		

**Owner 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]* 6-24-96  
Signature of Owner/Applicant Date

**Caution: Inspection Required**

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

Municipal Tax Map # 10 Page # 24A

Local Plumbing Inspector Signature Date Approved

### PERMIT INFORMATION

**THIS APPLICATION IS FOR:**

- First Time System
- Multi-User System
- Replacement System
- Expanded System
  - One-time exempted
  - Non-exempted
- Experimental System
- Seasonal Conversion

**THIS APPLICATION REQUIRES:**

- No Rule Variance
- First Time System Variance (Municipal)
- First Time System Variance (State)
- Replacement System Variance
  - Local Plumbing Inspector approval
  - State & Local Plumbing Inspector approval
- Minimum Lot Size Variance
- Seasonal Conversion Variance

**DISPOSAL SYSTEM COMPONENT(S)**

- Non-Engineered System
- Primitive System
- Alternative Toilet  
Specify N/A
- Non-Engineered Treatment Tank
- Holding Tank N/A Gallons
- Non-Engineered Disposal Area (only)
- Separated Laundry System
- Engineered System (+2000 gpd)
- Engineered Treatment Tank (only)
- Engineered Disposal Area (only)

**SIZE OF PROPERTY**  
3.5+/- ACRE

**DISPOSAL SYSTEM TO SERVE:**

- Single Family Dwelling Unit
- Multiple Family Dwelling Unit  
Number of Units \_\_\_\_\_
- Other \_\_\_\_\_  
SPECIFY \_\_\_\_\_

**TYPE OF WATER SUPPLY**  
PROPOSED DRILLED WELL

**SHORELAND ZONING**

Yes  No

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

**TREATMENT TANK**

- Concrete
  - Regular
  - Low Profile
- Plastic

SIZE 1000 Gallons

**DISPOSAL AREA TYPE/SIZE**

- Stone Bed 800 Sq. Ft.
- Proprietary Device N/A Sq. Ft.
  - Clustered  Linear
  - Regular  H-20
- Trench N/A Lin. Ft.
- Other N/A

**GARBAGE DISPOSAL UNIT**

- No
- Yes
  - Multi-compartment tank
  - Tank in series
  - Increase in tank capacity
  - Filter on tank outlet

**CRITERIA USED FOR DESIGN FLOW**  
(Show Calculations)

2 BEDROOM

**PROFILE & DESIGN CLASS**

PROFILE	DESIGN
<u>8</u>	<u>C</u>

DEPTH TO MOST LIMITING FACTOR 20"

**DISPOSAL AREA SIZING**

- Small 2.0
- Medium 2.60
- Medium-Large 3.30
- Large 4.10
- Extra-Large 5.00

**PUMPING**

- Not required
- May be required
- Required

DOSE N/A Gallons

DESIGN FLOW: 180  
(Gallons/Day)

### SITE EVALUATOR'S STATEMENT

12/13/95 / \_\_\_\_\_ (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.

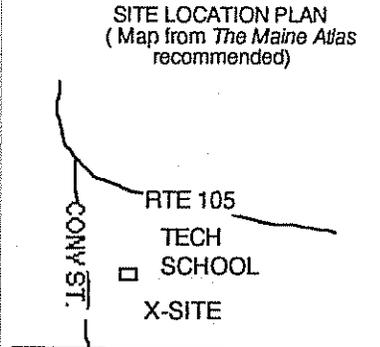
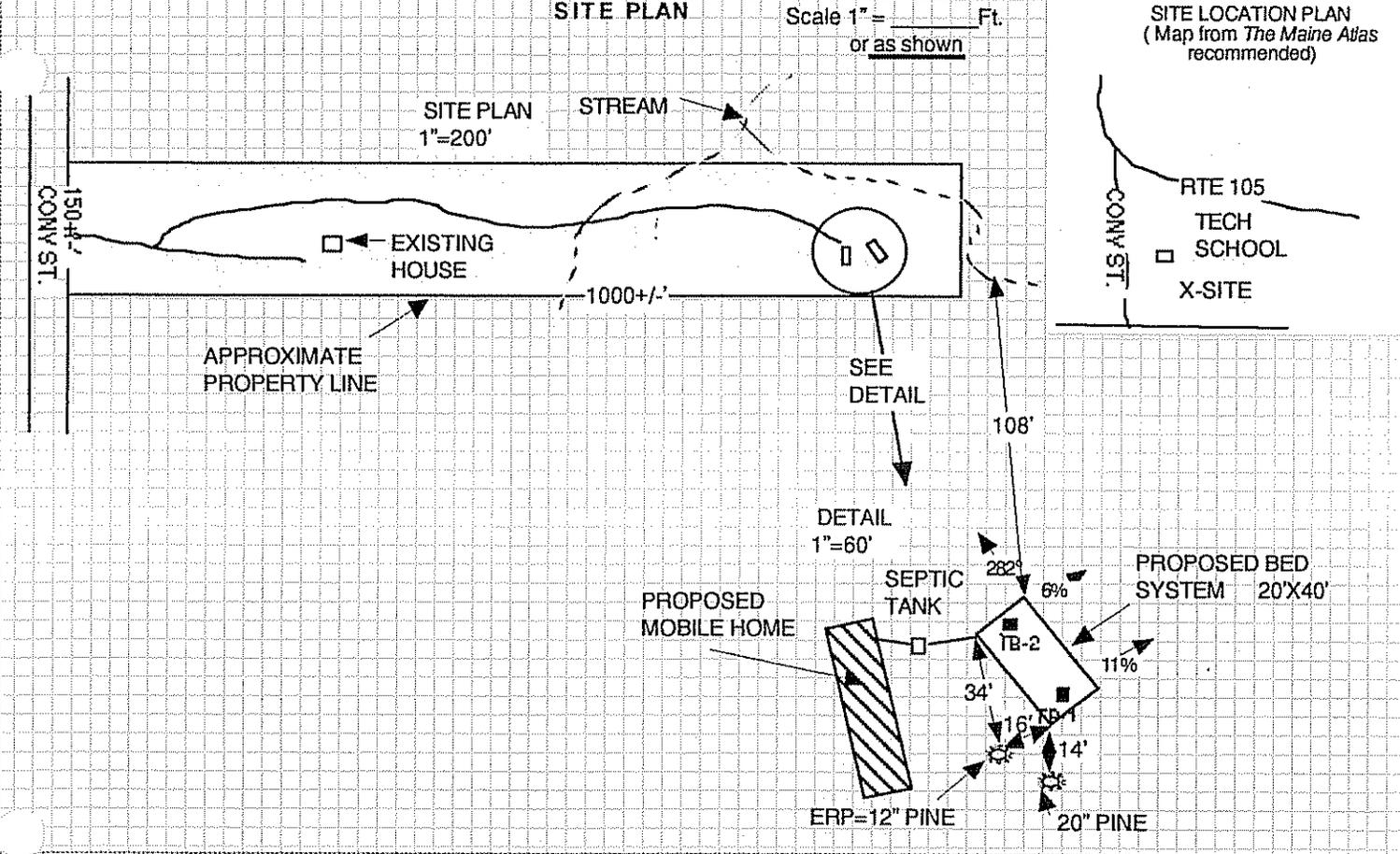
*[Signature]*  
Site Evaluator Signature  
JOHN ARCHARD  
Print Name

181  
SE #  
(207) 293-2674  
Telephone

12/13/95  
Date

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation **AUGUSTA** Street, Road, Subdivision **CONY ST. EXT** Name of Owner **HUTCHINGS**



## SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

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

DEPTH BELOW MINERAL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	LOAM	FRIABLE	BROWN	NONE
6	SILT LOAM		REDDISH BROWN	EVIDENT
10			BRIGHT OLIVE BROWN	
15				
20	SILTY CLAY	FIRM	OLIVE BROWN	FEW TO COMMON DISTINCT
30	SILTY CLAY LOAM		OLIVE	
40				
50				

Soil Profile 8 CLASS C Slope 11 % Limiting Factor 20 "

Ground Water  
 Restrictive Layer  
 Bedrock

Observation Hole TB-2  Test Pit  Boring  
 2 " Depth of Organic Horizon above Mineral Soil

DEPTH BELOW MINERAL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	LOAM	FRIABLE	BROWN	NONE
6	SILT LOAM		REDDISH BROWN	EVIDENT
10				
15				
20	SILTY CLAY	FIRM	OLIVE BROWN	FEW TO COMMON DISTINCT
30	SILTY CLAY LOAM		OLIVE	
40				
50				

Soil Profile 8 CLASS C Slope 6 % Limiting Factor 16 "

Ground Water  
 Restrictive Layer  
 Bedrock

*[Signature]*  
 Site Evaluator Signature

181  
 SE#

12/13/95  
 Date

**SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION**

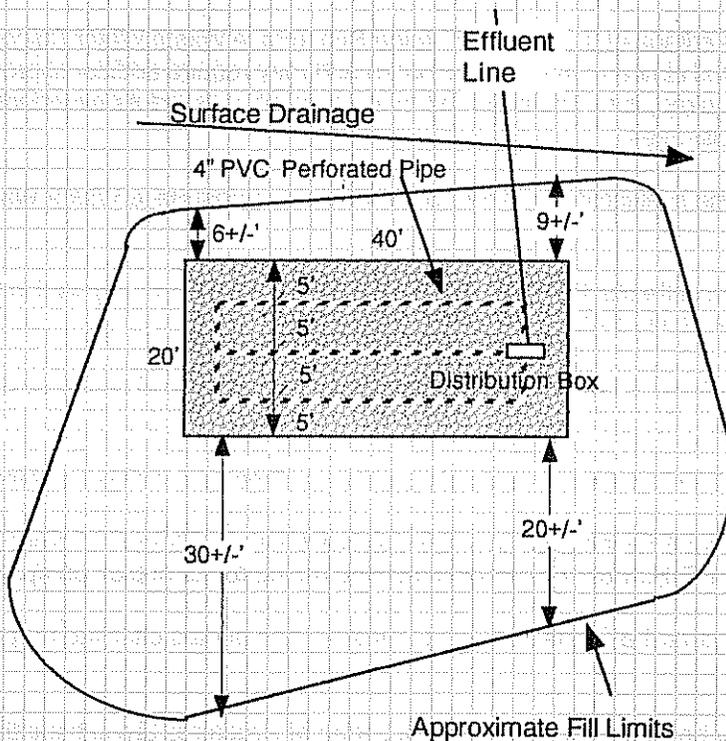
Town, City, Plantation  
**AUGUSTA**

Street, Road, Subdivision  
**CONY ST. EXT**

Owner's Name  
**HUTCHINGS**

**SUBSURFACE WASTEWATER DISPOSAL PLAN**

Scale 1" = 20 Ft.



FILL REQUIREMENTS	
Depth of Fill (Upslope)	16" to 25"
Depth of Fill (Downslope)	39 TO 42"

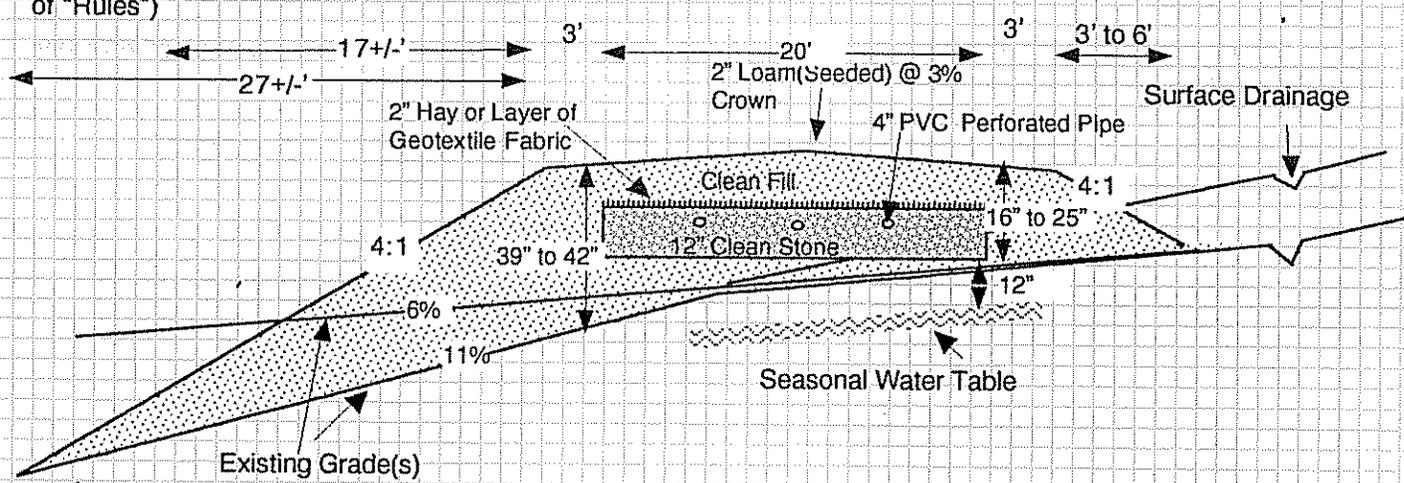
CONSTRUCTION ELEVATIONS	
Finished Grade Elevation	-23"
Top of Distribution Pipe or Proprietary Device	-36"
Bottom of Disposal Area	-47"

ELEVATION REFERENCE POINT	
Location & Description	FLAGGED NAIL IN 12" PINE TREE 36+/-" ABOVE GROUND
Reference Elevation	00"

Note: All fill to be coarse, gravelly, sharp, clean, loamy sand. (See section 1205.4 of "Rules")

**DISPOSAL AREA CROSS SECTION**

Scale:  
Vertical: 1" = 4 Ft.  
Horizontal: 1" = 10 Ft.



*[Signature]*  
Site Evaluator Signature

181  
SE#

12/13/95  
Date

GENERAL NOTES

1. Site evaluations conform to the criteria of the "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision. Other environmental concerns are not evaluated and may require additional professional opinions. the delineation of wetlands, when required, is to be performed by competent consultants experienced in such practice and may affect the suitability of particular sites.
2. All construction to conform to the specifications in the "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision.
3. Wells & structures must maintain setbacks from the disposal system as allowed or required in Chapter 4 "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision.
4. Property lines as shown are as provided by owner/owner's agent no guarantee of accuracy is implied. Actual property lines must be confirmed by survey.
5. A septic tank filter is required when installing a mechanical garbage disposal or solids handling grinder pump.
6. Pump stations, when required, shall be installed watertight to prevent the infiltration of ground or surface water. Pumps shall be sized for actual installed T.D.H.. For uninterrupted service during repair duplex pumps are recommended.
7. Force mains and pressure lines shall be flushed of foreign material and pumps checked for proper on/off cycle before being put in service.
8. Applicability of the design must be reevaluated when the location of structures are substantially different than shown on the site plan, or when other appurtenances (ie: swimming pools) are added.
9. Systems put into service prior to establishing proper cover shall be provided with adequate erosion controls.
10. Provide low profile tanks when determined as needed in the field. All tanks may be field located and meet the setback requirements of Chapt. 4 "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision.
11. All components subject to freezing must be adequately insulated.
12. The LPI shall inform the owner and designer of any local ordinances exceeding the "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" prior to issuing a permit so that necessary amendments can be made to the design.
13. Systems must be maintained as outlined in "Septic Systems-How They Work & How to Keep Them Working"-MDEP
14. All designs are subject to Local, State, or Federal review. Designers liability shall be limited to required revisions. In no case shall liability exceed designers fee.

The owner/applicants signature on page one acknowledges their understanding of the "General Notes"