GARY McFARLAND R-11-1-23 Job # 00-0020

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	MINOT
Street or Road	BLOSSOM DRIVE
Subdivision, Lot #	LOT # 23 ORCHARD ESTATES

OWNER/APPLICANT INFORMATION

Name (last, first, MI) B + M DEVELOPERS (Owner + Applicant)	
Mailing Address of ■ Owner + ■ Applicant	105 CHERRYVALE CIRCLE AUBURN, ME 04240
Daytime Tel. #	783-6224

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

The Subsurface Wastewater Disposal System Application is approved.

MINOT Date Permit Issued: 2/9/00

1033 TOWN COPY $ 109 ☐ If Double Fee FEE Charged

L.P.I. # 01,92

Kay Hawkins
Local Plumbing Inspector Signature

Municipal Tax Map # _____ Lot # _____

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] 2-8-00
Signature of Owner or Applicant — Date

Caution: Inspections Required

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

_____ (1st) Date Approved

_____ Local Plumbing Inspector Signature — (2nd) Date Approved

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
4,19 I ☐ 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 OR
   b. ☑ Low Profile AS REG'D,
2. ☐ Plastic
3. ☐ Other: _____
   CAPACITY _____ 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 1000 ■ 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
   PER OWNER

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
3 / C / 1
at Observation Hole # _____
Depth 16" 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

USE ONLY COPIES STAMPED WITH SITE EVALUATOR'S SEAL IN BLUE INK FOR CONSTRUCTION AND PERMITS.

I Certify that on 2/5/00 (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).

George A Courbron
Site Evaluator Signature

#88
SE #

2/5/00
Date

GEORGE A. COURBRON, JR. #88 LICENSED SITE EVALUATOR

GEORGE A. COURBRON, JR. 784-1850
Site Evaluator Name Printed — Telephone #

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City or Plantation: MINOT, Street, Road or Subdivision: BLOSSOM DRIVE B+M, Name of Owner: DEVELOPERS

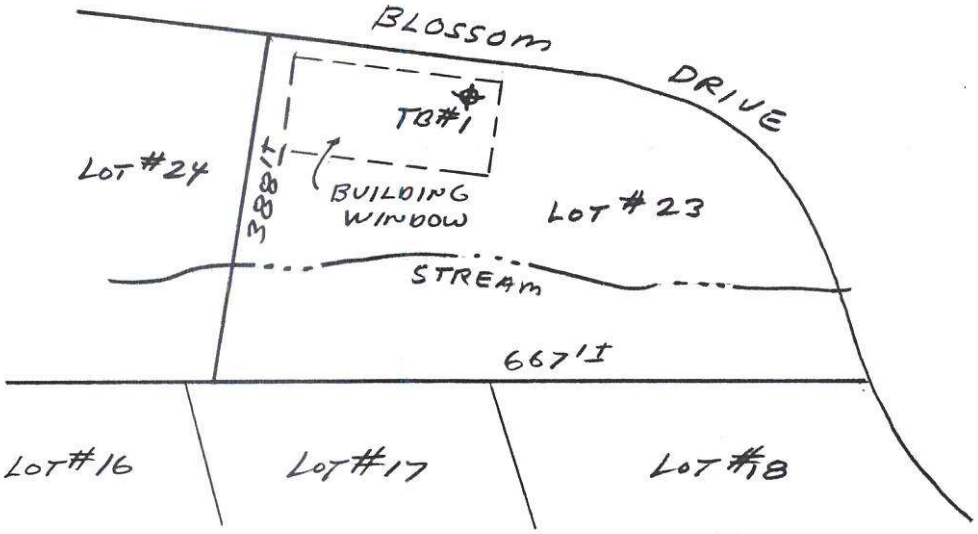
SITE PLAN

Scale: 1" = 200 Ft. or as shown

SITE LOCATION PLAN (Map from *The Maine Atlas* recommended)

SEE ATTACHED

NOTE: LOCATION OF SEPTIC SYSTEM HAS BEEN SITED ON THE PROPERTY BASED UPON BOUNDARY LINE/PROPERTY INFORMATION PROVIDED BY OWNER OR OWNER'S AGENT. NO INDEPENDENT VERIFICATION OF BOUNDARY LINE LOCATIONS HAS BEEN MADE BY THIS SITE EVALUATOR. PROPERTY LINES SHOWN SHALL BE VERIFIED BY OWNER/INSTALLER PRIOR TO CONSTRUCTION OF SYSTEM. ANY DISCREPANCY FROM THAT SHOWN SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DESIGN SITE EVALUATOR PRIOR TO BEGINNING ANY WORK.



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

Observation Hole TB #1 ☐ Test Pit ■ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

	Texture	Consistency	Color	Mottling
0–6			BROWN	
6–10	FINE	FRIABLE		
10–15	SANDY			
15–20			OLIVE	FAINT
20–30	LOAM		GRAY	COMMON
30–40		FIRM		
40–50				

Soil Profile	Class	Slope	Limiting Factor	
3C	1	8 %	16 "	■ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

	Texture	Consistency	Color	Mottling
0–50				

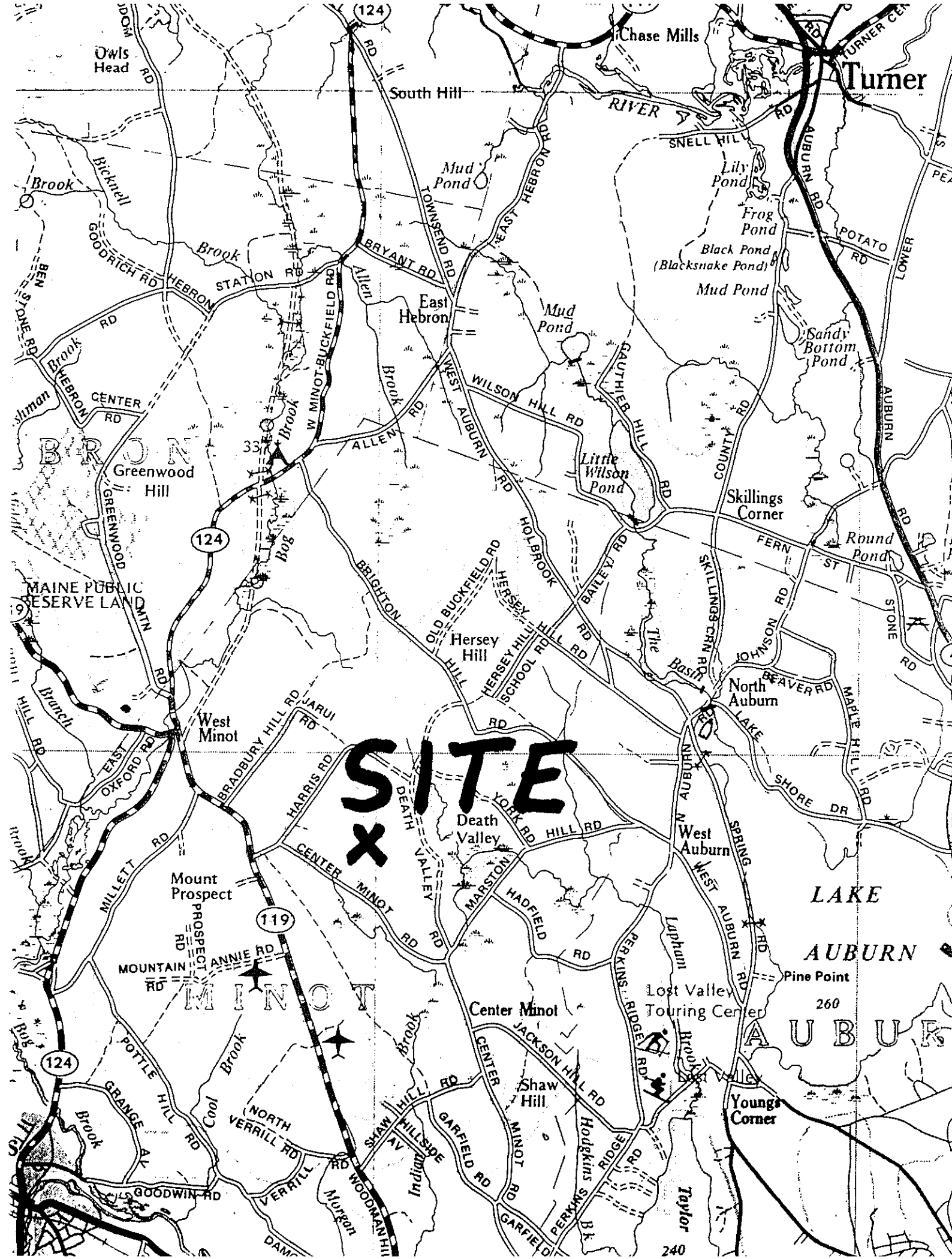
Soil Profile	Class	Slope	Limiting Factor	
		%	"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

STATE OF MAINE GEORGE A. COURBRON, JR. #88 LICENSED SITE EVALUATOR

George A Courbron — Site Evaluator Signature

#88 — SE #

2/5/00 — Date



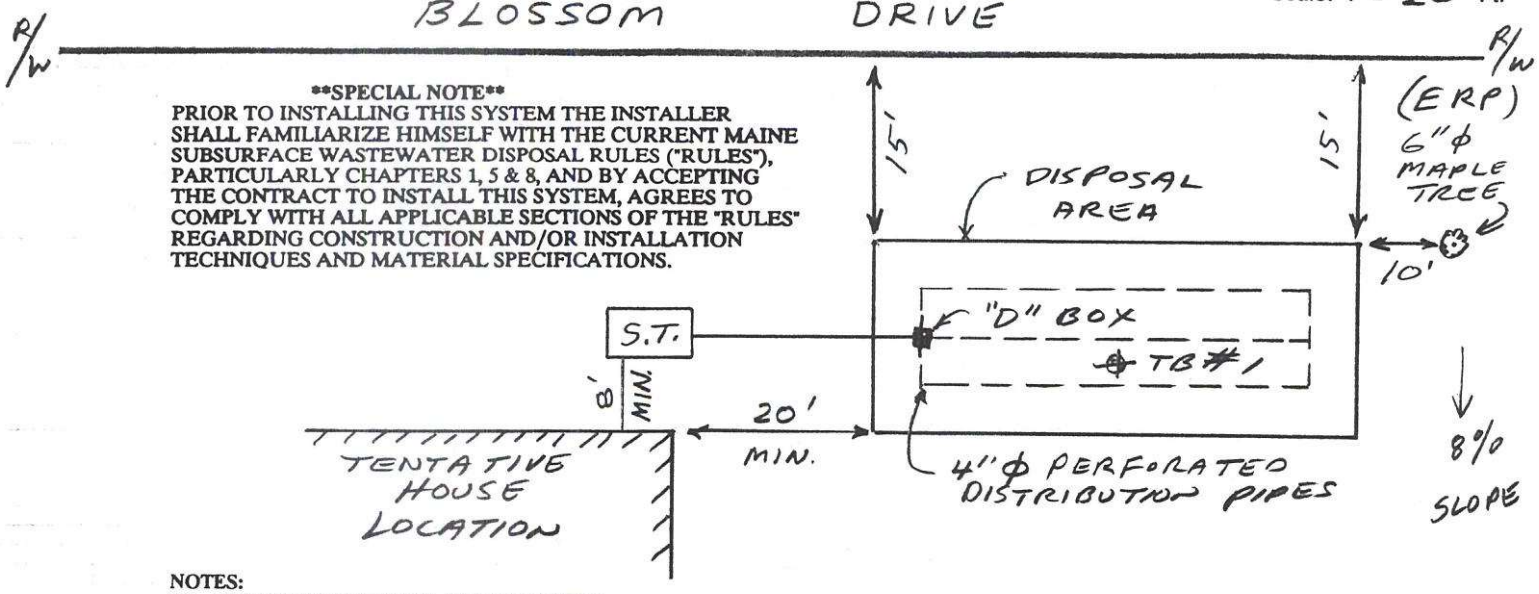
SITE
Turner
Chase Mills
South Hill
Owls Head
RIVER
SNELL HILL RD
Lily Pond
Frog Pond
Black Pond (Blacksnake Pond)
Mud Pond
Mud Pond
Mud Pond
Sandy Bottom Pond
East Hebron
Little Wilson Pond
Skillings Corner
Round Pond
Greenwood Hill
MAINE PUBLIC RESERVE LAND
Hersey Hill
North Auburn
West Minot
Death Valley
West Auburn
Mount Prospect
Center Minot
Shaw Hill
Lost Valley Touring Center
Youngs Corner
Pine Point
LAKE AUBURN
Bicknell Brook
Allen Brook
Bog Brook
Branch
Cool Brook
Laphan Brook
Taylor Bk
Indian Brook
Morgan Brook
Hodgkins Bk
BRON
MINOT
AUBUR
124
119
260
240

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City or Plantation: MINOT, | Street, Road or Subdivision: BLOSSOM DRIVE | Name of Owner: B+M DEVELOPERS

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 Ft.



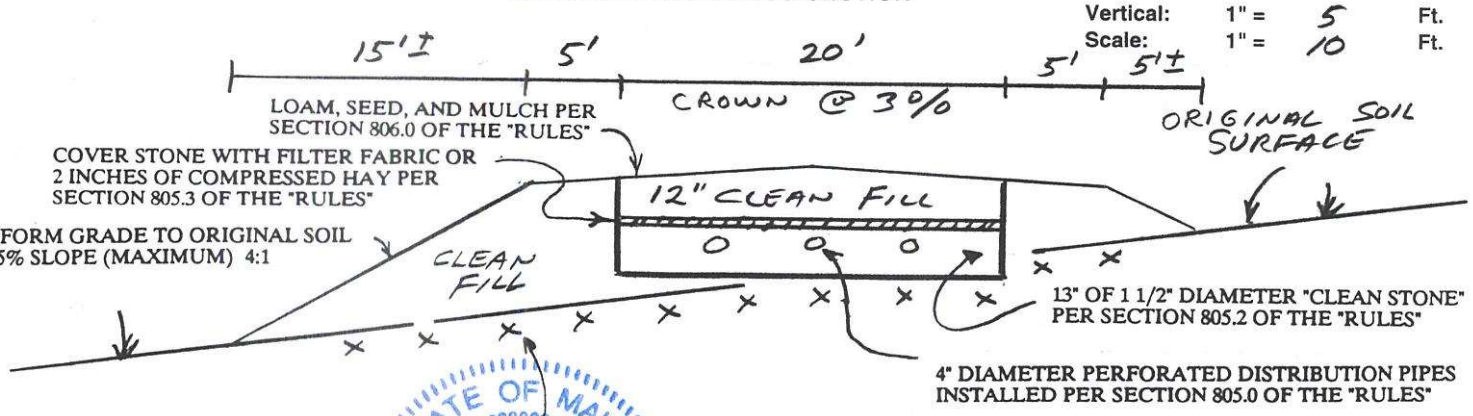
NOTES:

1.) REFER TO GENERAL NOTES ON THE BACKSIDE OF THIS PAGE
2.) ALL DISTURBED AREAS AND FINISHED SURFACE SHALL BE LOAMED, SEEDED, AND MULCHED TO PREVENT EROSION
3.) SEPTIC TANK SHALL BE SEALED TO PREVENT GROUND WATER OR SURFACE WATER INFILTRATION INTO SYSTEM
4.) PROVIDE SURFACE WATER DRAINAGE (FLOW) AWAY FROM SYSTEM
5.) MINIMUM SEPARATION DISTANCES:
   A.) SEPTIC TANK FROM HOUSE 8 FEET
   B.) SEPTIC TANK FROM WELL 100 FEET
6.) THE SEPTIC TANK MUST BE INSTALLED AND TESTED FOR WATER TIGHTNESS IN THE PLUMBING INSPECTOR'S PRESENCE OR THE SEPTIC TANK MUST BE INSTALLED 100 FEET FROM OWNERS WELL
7.) THE OWNER OR APPLICANT MUST INVESTIGATE AND DETERMINE WHETHER OR NOT ADDITIONAL REQUIREMENTS MUST BE MET REGARDING OTHER BUILDING REGULATIONS (I.E. ZONING, BUILDING CODES, MINIMUM LOT SIZE, ETC.). IT IS ALSO THE OWNER/APPLICANTS RESPONSIBILITY TO OBTAIN ANY LOCAL, STATE OR FEDERAL PERMITS THAT MAY BE REQUIRED FOR INSTALLATION OF THIS SEPTIC SYSTEM.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Fill (Upslope)	20 "	Finished Grade Elevation	-36"	Location & Description	NAIL SET IN 6"ϕ MAPLE TREE +60"
Depth of Fill (Downslope)	32 "	Top of Distribution Pipe or Proprietary Device	-48'		
FILL DEPTHS WILL VARY DUE TO UNEVEN GROUND CONTOUR		Bottom of Disposal Area	-60"	Reference & Elevation	0

DISPOSAL AREA CROSS SECTION

Scale: Vertical: 1" = 5 Ft. Scale: 1" = 10 Ft.



XXX DENOTES TRANSITION HORIZON: PLACE A MINIMUM OF 4" OF CLEAN FILL OVER ORIGINAL SOIL AND MIX (BY PLOWING, DISKING OR ROTOTILLING) INTO ORIGINAL SOIL PER SECTION 801.5 OF THE "RULES".

NOTES:

1.) USE ONLY CLEAN "GRAVELY COARSE SAND" BACKFILL MATERIAL, WHICH MEET THE BACKFILL STANDARDS OF SECTION 804.0 OF THE "RULES", FREE OF FOREIGN MATERIALS (ROOTS, LARGE ROCKS, ETC.) PLACED IN 8" LIFTS AND COMPACTED AS PLACED.
2.) REMOVE ALL ORGANIC MATERIALS (ROOTS, STUMPS, AND LARGE ROCKS) UNDER SYSTEM AND FILL EXTENSIONS AND PREPARE SITE PER SECTION 801.0 OF THE "RULES".

STATE OF MAINE GEORGE A. COURBRON, JR. #88 LICENSED SITE EVALUATOR

George A Courbron — Site Evaluator Signature

#88 — SE #

2/5/00 — Date

GENERAL NOTES:

1.) The most recent revision of the Maine Subsurface Wastewater Disposal Rules ("Rules") is hereby made a part of this HHE-200 Form and shall be consulted by the disposal system installer for further construction details, material specifications, cautions, and other related details pertinent to the installation of this disposal system.

2.) This HHE-200 Form is intended to represent facts pertinent to the "Rules" only. The owner or applicant must check both local and state ordinances and regulations regarding other building regulations (i.e. zoning, wetlands, building codes, minimum lot size, etc.) before considering this an approved or buildable site. I can provide you with other local, state and federal regulatory investigation of pertinent land use regulations, affecting the suitability or buildability of the site, at an additional cost, per your request.

3.) All information shown on this form relating to property lines and subsurface structures (such as but not limited to: water lines, septic tanks, cess pools, cellar drains, utility lines, etc.) are noted, plotted, or left off as not affecting the system based on information provided by the owner or his agent. It is the responsibility of the owner or his agent to confirm, BEFORE CONSTRUCTION BEGINS, the above and/or any other features which may affect (or be adversely affected by) the installation of this system.

4.) When a gravity system is proposed, BEFORE CONSTRUCTION BEGINS, the disposal system installer and building contractor shall review the relative elevation of all points given on this HHE-200 Form and the elevation of the existing or proposed building drain and septic tank openings for compatibility to the minimum code pitch requirements. Any questions that arise should be directed to the local plumbing inspector or myself. When a pump system is installed, provisions shall be made to keep the tank and lift station outlets above the high water table. An alarm device warning of pump failure should be considered. At present, venting of pumped systems is optional.

5.) If the use of a laundry machine becomes excessive, a separate laundry bed should be designed and installed. A lint catching device should be installed for the washing machine (if it doesn't have one) and cleaned frequently. A distribution box has been shown in the design and is intended to offer an inspection port whereby the owner can check for excessive lint or grease build-up before damage to the system is done. Inspection should be frequent. This system has not been designed or sized to accommodate a garbage disposal. If one is to be used, you must first notify me so that I can increase the disposal size and septic tank capacity.

6.) The actual water flow or number of bedrooms shall not extend the design criteria indicated on this HHE-200 Form without a re-evaluation of the system.

7.) Construction details Chapter 12 of the "Rules" in general: (A) The vegetation in the proposed disposal area and fill extensions shall be removed and the ground surface scarified (rotor tilled) to minimize glazing of the original soil. (B) The bottom of the disposal area and distribution line, shall be level with a maximum grade tolerance of 1 inch per 100 feet. (C) Fill shall be clean, gravely, coarse sand, free of foreign material, placed in 8 inch lifts and compacted as placed. (D) The finish grade of the backfill over the disposal area shall extend 3 to 5 feet beyond the edge of the disposal area. At that point, the fill shall be sloped at a uniform grade of no greater than 25% (4:1) to the original ground. (E) The land adjacent to the disposal area shall be graded to prevent both the accumulation of surface water on the disposal area, and the flow of surface water across the disposal area. (F) The finished disposal area and fill extensions shall be seeded to prevent erosion: (a) Grass, clover, trefoil, vetch, perennial wildflowers, or other herbaceous perennials may be utilized for disposal area surfaces. Woody shrubs are unacceptable. (b) Woody shrubs in conjunction with a hardy perennial ground clover, may be used on fill extensions only.

8.) The general setback distance between a well and disposal system serving a single family residence is 100 feet. The location of a new well that is within 100 feet of the proposed system may void this design. For additional setback, see Chapter 4 of the "Rules".

9.) All construction shall be inspected by the local plumbing inspector (LPI) prior to backfilling. Backfill material shall comply with Chapter 12, Section 1205 of the "Rules".

10.) If the owner or installer has any questions, please do not hesitate to call at 784-1850

Rev. May '95

R-11 - ~~12~~ 1-22

JOB NO. 990118

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

Town or Plantation	MINOT
Street Address ~~23~~	BLOSSOM DRIVE
Subdivision Lot #	LOT 22 23↑

MINOT Date Permit Issued: 9 7 99 — 1007 TOWN COPY — $ 100 FEE — ☐ If Double Fee Charged

Kay Hawkes — Local Plumbing Inspector Signature — L.P.I. # 91.92

PROPERTY OWNER'S NAME

Last: DEVELOPERS First: B & M

Mailing Address of Owner	105 CHERRYVALE CIRCLE
	AUBURN, ME 04210
Daytime Tel. #	783-6224
Applicant's Name	B & M DEVELOPERS

Municipal Tax Map # _____ Block # _____ Lot # _____

Owner's 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.

Kay Hawkes 9-2-99

Signature of Owner or 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

Local Plumbing Inspector's Signature — Date

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. ■ Non-Engineered System
2. ☐ Primitive System
3. ☐ Alternative Toilet
4. ☐ Non-Engineered Treatment Tank
5. ☐ Holding Tank Gallons
6. ☐ Non-Engineered Disposal Area (only)
7. ☐ Separated Laundry System
8. ☐ Engineered System (+ 2000 gpd)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal Area (only)
11. ☐ Pretreatment

SIZE OF PROPERTY

3.17 AC +/-

SHORELAND ZONING

☐ Yes ■ No

DISPOSAL SYSTEM TO SERVE:

1. ■ Single Family Dwelling Unit
2. ☐ Multiple Family Dwelling
   - Number of Units _____
3. ☐ Other _____ SPECIFY

TYPE OF WATER SUPPLY

DRILLED WELL (PROPOSED)

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

TREATMENT TANK

1. ■ Concrete
2. ■ a.) Regular (or)
   - ■ b.) Low Profile (as req'd.)
   - ☐ Plastic
3. ☐ Other _____

size 1000 gallons

DISPOSAL AREA TYPE / SIZE

1. ■ Bed 1200 Sq.Ft.
2. ☐ Proprietary Device _____ Sq.Ft.
   - ☐ Cluster ☐ Linear
   - ☐ Regular ☐ H-20
3. ☐ Trench _____ Lin. Ft.
4. ☐ Other _____

GARBAGE DISPOSAL UNIT

1. ■ No PER OWNER
2. ☐ Yes
   - ☐ Multi-compartment tank
   - ☐ Tank in series
   - ☐ Increase in tank capacity
   - ☐ Filter on tank outlet

CRITERIA USED FOR DESIGN FLOW

(Show Calculations)

4 BEDROOM SINGLE FAMILY DWELING
4 X 90 = 360

PROFILE - DESIGN CLASS

PROFILE	DESIGN
3 C	1

DEPTH TO MOST LIMITING FACTOR 18"

DISPOSAL AREA SIZING

1. ☐ Small – 2.0
2. ☐ Medium – 2.60
3. ■ Medium-Large – 3.30
4. ☐ Large – 4.10
5. ☐ Extra Large – 5.00

PUMPING

1. ☐ Not required
2. ■ May be required
3. ☐ Required

IF REQ'D. Dose 75 Gallons

DESIGN FLOW: 360 (Gallons/Day)

STATE OF MAINE — GEORGE A. COURBRON JR. — #88 — LICENSED SITE EVALUATOR

SITE EVALUATOR'S STATEMENT

On 8/28/99 (date) I completed a site evaluation on this property and state that the data reported is accurate and the proposed system is in compliance with the Subsurface Wastewater Disposal System Rules.

USE ONLY COPIES STAMPED WITH SITE EVALUATOR'S SEAL IN BLUE INK FOR CONSTRUCTION AND PERMITS

Site Evaluator Signature — SE # 88

GEORGE A. COURBRON, JR.	784-1850	8-28-1999
Print Name	Telephone No.	Date

HHE-200 Rev. 9/97
(COMPUTER GENERATED)

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: MINOT

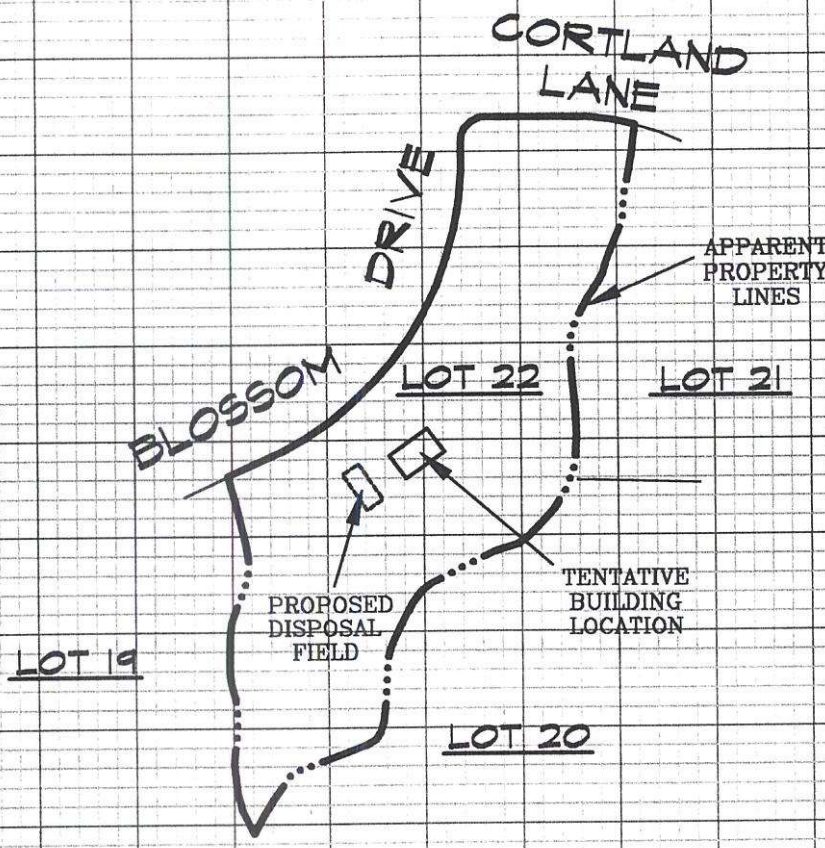
Street, Road, Subdivision Lot No.: LOT 22 - BLOSSOM DRIVE

Owner's Name: B & M DEVELOPERS

SITE PLAN

Scale 1" = 200 Ft.

NOTE: PROPERTY LINES SHOWN SHALL BE VERIFIED BY OWNER/INSTALLER PRIOR TO CONSTRUCTION OF SYSTEM. ANY DISCREPANCY FROM THAT SHOWN SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DESIGN SITE EVALUATOR PRIOR TO BEGINNING ANY WORK.



SITE LOCATION PLAN
(Map from Maine Atlas recommended)

SEE ATTACHED

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

Observation Hole No. TB NO.1 ☐ Test Pit ■ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

	Texture	Consistency	Color	Mottling
0–6			DARK BROWN	
6–12	FINE		YELLOWISH	
12–20		FRIABLE	BROWN	
20–30	SANDY		LIGHT	
30–40	LOAM	FIRM	OLIVE	
40–50			BROWN	

Soil Classification	Slope	Limiting Factor	
3 C (Profile) / 1 (Condition)	8%	18 "	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole No. _____ ☐ Test Pit ☐ Boring

" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

	Texture	Consistency	Color	Mottling
0–6				
6–12				
12–20				
20–30				
30–40				
40–50				

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

STATE OF MAINE
GEORGE A. COURBRON, JR.
LICENSED SITE EVALUATOR

Site Evaluator Signature

488 SE #

8-28-1999 Date

HHE-200 Rev. 9/97
(COMPUTER GENERATED)

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

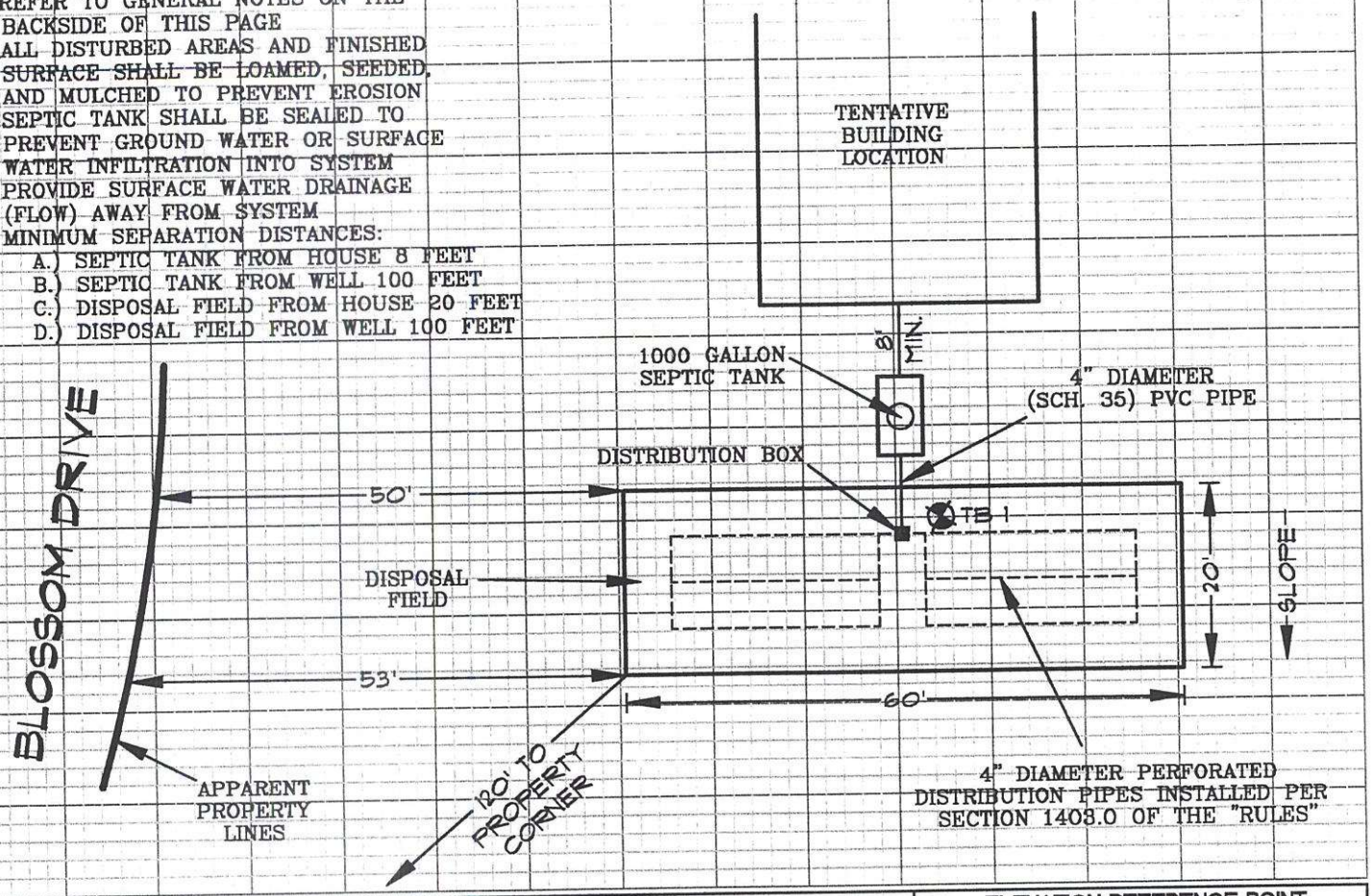
Town, City, Plantation	Street, Road, Subdivision Lot No.	Owner's Name
MINOT	LOT 22 - BLOSSOM DRIVE	B & M DEVELOPERS

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

NOTES:

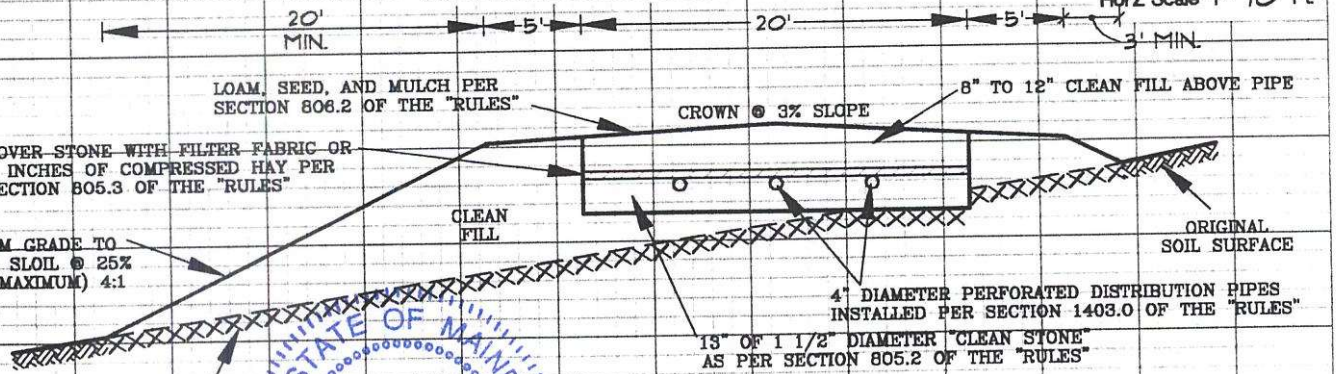
1.) REFER TO GENERAL NOTES ON THE BACKSIDE OF THIS PAGE
2.) ALL DISTURBED AREAS AND FINISHED SURFACE SHALL BE LOAMED, SEEDED, AND MULCHED TO PREVENT EROSION
3.) SEPTIC TANK SHALL BE SEALED TO PREVENT GROUND WATER OR SURFACE WATER INFILTRATION INTO SYSTEM
4.) PROVIDE SURFACE WATER DRAINAGE (FLOW) AWAY FROM SYSTEM
5.) MINIMUM SEPARATION DISTANCES:
   A.) SEPTIC TANK FROM HOUSE 8 FEET
   B.) SEPTIC TANK FROM WELL 100 FEET
   C.) DISPOSAL FIELD FROM HOUSE 20 FEET
   D.) DISPOSAL FIELD FROM WELL 100 FEET



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Fill (Upslope)	18 "	Finished Grade Elevation	"	Location & Description	TO BE SET PRIOR TO CONSTRUCTION
Depth of Fill (Downslope)	37 "	Top of Distribution Pipe or Proprietary Device	"	Reference Elevation	0 "
(Fill Depth May Vary Due To Uneven Ground Slope)		Bottom of Disposal Area	"		

DISPOSAL AREA CROSS SECTION

Vert. Scale 1" = 5 Ft.
Horz. Scale 1" = 10 Ft.



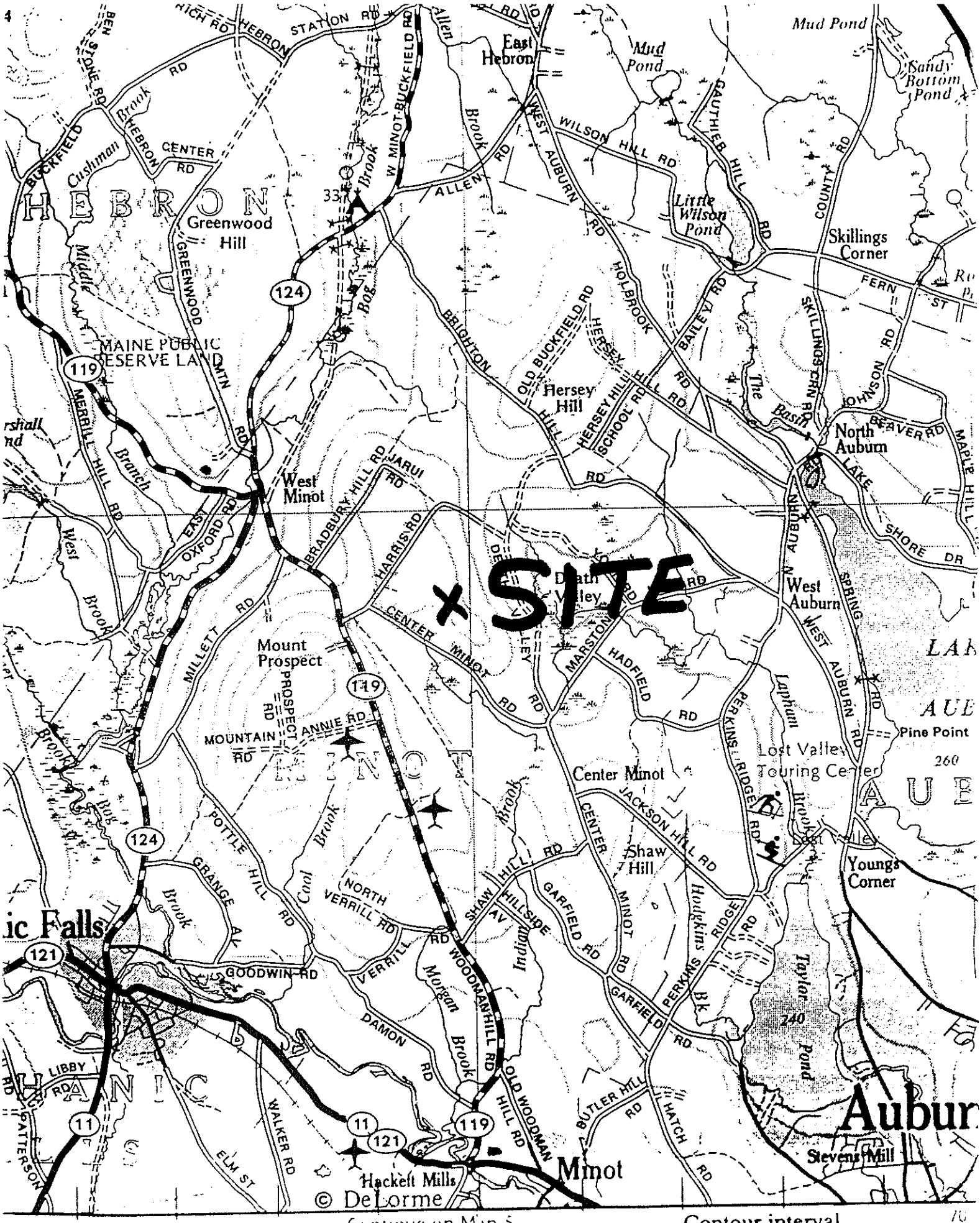
XXX DENOTES TRANSITION HORIZON: PLACE A MINIMUM OF 4" OF CLEAN FILL OVER ORIGINAL SOIL AND MIX (BY PLOWING, DISKING OR ROTOTILLING) INTO ORIGINAL SOIL PER SECTION 801.5 OF THE "RULES"

NOTES:

1.) USE ONLY CLEAN "GRAVELY COARSE SAND" BACKFILL MATERIAL, WHICH MEET THE BACKFILL STANDARDS OF SECTION 804.0 OF THE "RULES", FREE OF FOREIGN MATERIALS (ROOTS, LARGE ROCKS, ETC.) PLACED IN 8" LIFTS AND COMPACTED AS PLACED.
2.) REMOVE ALL ORGANIC MATERIALS (ROOTS, STUMPS, AND LARGE ROCKS) UNDER SYSTEM AND FILL EXTENSIONS AND PREPARE TRANSITION HORIZON BY PLACING A MINIMUM OF 4" OF CLEAN FILL OVER ORIGINAL SOIL AND MIX (BY PLOWING, DISKING OR ROTOTILLING) INTO ORIGINAL SOIL PER SECTION 801.5 OF THE "RULES".

STATE OF MAINE · GEORGE COURBRON · #88 · LICENSED SITE EVALUATOR

Site Evaluator Signature	SE #	Date
	88	8-28-1999



Continue on Map 5

Contour interval
80 feet (24.4 meters)

GENERAL NOTES:

1.) The most recent revision of the Maine Subsurface Wastewater Disposal Rules ("Rules") is hereby made a part of this HHE-200 Form and shall be consulted by the disposal system installer for further construction details, material specifications, cautions, and other related details pertinent to the installation of this disposal system.

2.) This HHE-200 Form is intended to represent facts pertinent to the "Rules" only. The owner or applicant must check both local and state ordinances and regulations regarding other building regulations (i.e. zoning, wetlands, building codes, minimum lot size, etc.) before considering this an approved or buildable site. I can provide you with other local, state and federal regulatory investigation of pertinent land use regulations, affecting the suitability or buildability of the site, at an additional cost, per your request.

3.) All information shown on this form relating to property lines and subsurface structures (such as but not limited to: water lines, septic tanks, cess pools, cellar drains, utility lines, etc.) are noted, plotted, or left off as not affecting the system based on information provided by the owner or his agent. It is the responsibility of the owner or his agent to confirm, BEFORE CONSTRUCTION BEGINS, the above and/or any other features which may affect (or be adversely affected by) the installation of this system.

4.) When a gravity system is proposed, BEFORE CONSTRUCTION BEGINS, the disposal system installer and building contractor shall review the relative elevation of all points given on this HHE-200 Form and the elevation of the existing or proposed building drain and septic tank openings for compatibility to the minimum code pitch requirements. Any questions that arise should be directed to the local plumbing inspector or myself. When a pump system is installed, provisions shall be made to keep the tank and lift station outlets above the high water table. An alarm device warning of pump failure should be considered. At present, venting of pumped systems is optional.

5.) If the use of a laundry machine becomes excessive, a separate laundry bed should be designed and installed. A lint catching device should be installed for the washing machine (if it doesn't have one) and cleaned frequently. A distribution box has been shown in the design and is intended to offer an inspection port whereby the owner can check for excessive lint or grease build-up before damage to the system is done. Inspection should be frequent. This system has not been designed or sized to accommodate a garbage disposal. If one is to be used, you must first notify me so that I can increase the disposal size and septic tank capacity.

6.) The actual water flow or number of bedrooms shall not extend the design criteria indicated on this HHE-200 Form without a re-evaluation of the system.

7.) Construction details Chapter 12 of the "Rules" in general: (A) The vegetation in the proposed disposal area and fill extensions shall be removed and the ground surface scarified (rofor tilled) to minimize glazing of the original soil. (B) The bottom of the disposal area and distribution line, shall be level with a maximum grade tolerance of 1 inch per 100 feet. (C) Fill shall be clean, gravely, coarse sand, free of foreign material, placed in 8 inch lifts and compacted as placed. (D) The finish grade of the backfill over the disposal area shall extend 3 to 5 feet beyond the edge of the disposal area. At that point, the fill shall be sloped at a uniform grade of no greater than 25% (4:1) to the original ground. (E) The land adjacent to the disposal area shall be graded to prevent both the accumulation of surface water on the disposal area, and the flow of surface water across the disposal area. (F) The finished disposal area and fill extensions shall be seeded to prevent erosion: (a) Grass, clover, trefoil, vetch, perennial wildflowers, or other herbaceous perennials may be utilized for disposal area surfaces. Woody shrubs are unacceptable. (b) Woody shrubs in conjunction with a hardy perennial ground clover, may be used on fill extensions only.

8.) The general setback distance between a well and disposal system serving a single family residence is 100 feet. The location of a new well that is within 100 feet of the proposed system may void this design. For additional setback, see Chapter 4 of the "Rules".

9.) All construction shall be inspected by the local plumbing inspector (LPI) prior to backfilling. Backfill material shall comply with Chapter 12, Section 1205 of the "Rules".

10.) If the owner or installer has any questions, please do not hesitate to call at 784-1850