called 6-26-97 2:25 HA
6-27-97 9:23 622-7378 M49 L5A 97004

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

AUGUSTA 3728 TOWN COPY

Date Permit Issued 6/26/97 $ 45.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 850

PROPERTY LOCATION

Town or Plantation	Augusta
Street Subdivision Lot #	Riverside Drive

PROPERTY OWNERS NAME

Last: Ward, Jr.	First: Kenneth E.
Mailing Address of Owner	386 Riverside Drive Augusta, Maine 04330
Daytime Tel. #	(207) 622-7378

Municipal Tax Map # 49 Page # 5-A

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.

Kenneth E. Ward June 26, '97
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.

Gary R. Fuller 7/9/97
Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☐ First Time System
2. ☐ Multi-User System
3. ☒ Replacement System
4. ☐ Expanded System
   a. ☐ One-time exempted
   b. ☐ Non-exempted
   ☐ Experimental System
6. ☐ Seasonal Conversion

THIS APPLICATION REQUIRES:
1. ☒ No Rule Variance
2. ☐ First Time System Variance (Municipal)
3. ☐ First Time System Variance (State)
4. ☐ Replacement System Variance
   a. ☐ Local Plumbing Inspector approval
   b. ☐ State & Local Plumbing Inspector approval
5. ☐ Minimum Lot Size Variance
6. ☐ Seasonal Conversion Variance

DISPOSAL SYSTEM COMPONENT(S)
1. ☐ Non-Engineered System
2. ☐ Primitive System
3. ☐ Alternative Toilet
   Specify _____
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)

SIZE OF PROPERTY
2 ± acres

SHORELAND ZONING
☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE:
1. ☒ Single Family Dwelling Unit
2. ☐ Multiple Family Dwelling Unit
   Number of Units _____
3. ☐ Other _____ SPECIFY

TYPE OF WATER SUPPLY
public water system

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ Concrete
   ☒ Regular
   ☐ Low Profile
2. ☐ Plastic

SIZE 1000 Gallons (existing)

DISPOSAL AREA TYPE/SIZE
1. ☒ Stone Bed 525 Sq. Ft.
2. ☐ Proprietary Device ____ Sq. Ft.
   ☐ Clustered ☐ Linear
   ☐ Regular ☐ H-20
3. ☐ Trench ____ Lin. Ft.
4. ☐ Other _____

GARBAGE DISPOSAL UNIT
1. ☐ No
2. ☒ Yes
   ☐ Multi-compartment tank
   ☐ Tank in series
   ☐ Increase in tank capacity
   ☒ Filter on tank outlet

CRITERIA USED FOR DESIGN FLOW
(Show Calculations)
gpd for 2-bedroom dwelling from Table 901.1 of SSWD Rules (6-1-97 version)

180 gpd x 2.6 sf/gpd= min. of 468 sq. ft. disposal field area required

DESIGN FLOW: 180 gpd (Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE	DESIGN
5·C	2

DEPTH TO MOST LIMITING FACTOR 20 "

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

DOSE _____ Gallons

SITE EVALUATOR'S STATEMENT

C at test pit 1

6 / 13 / 97 (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.

William T. Noble 75 6-24-97
Site Evaluator Signature SE # Date

William T. Noble (207) 547-3252
Print Name Telephone

STATE OF MAINE WILLIAM T. NOBLE #75 LICENSED SITE EVALUATOR

97004

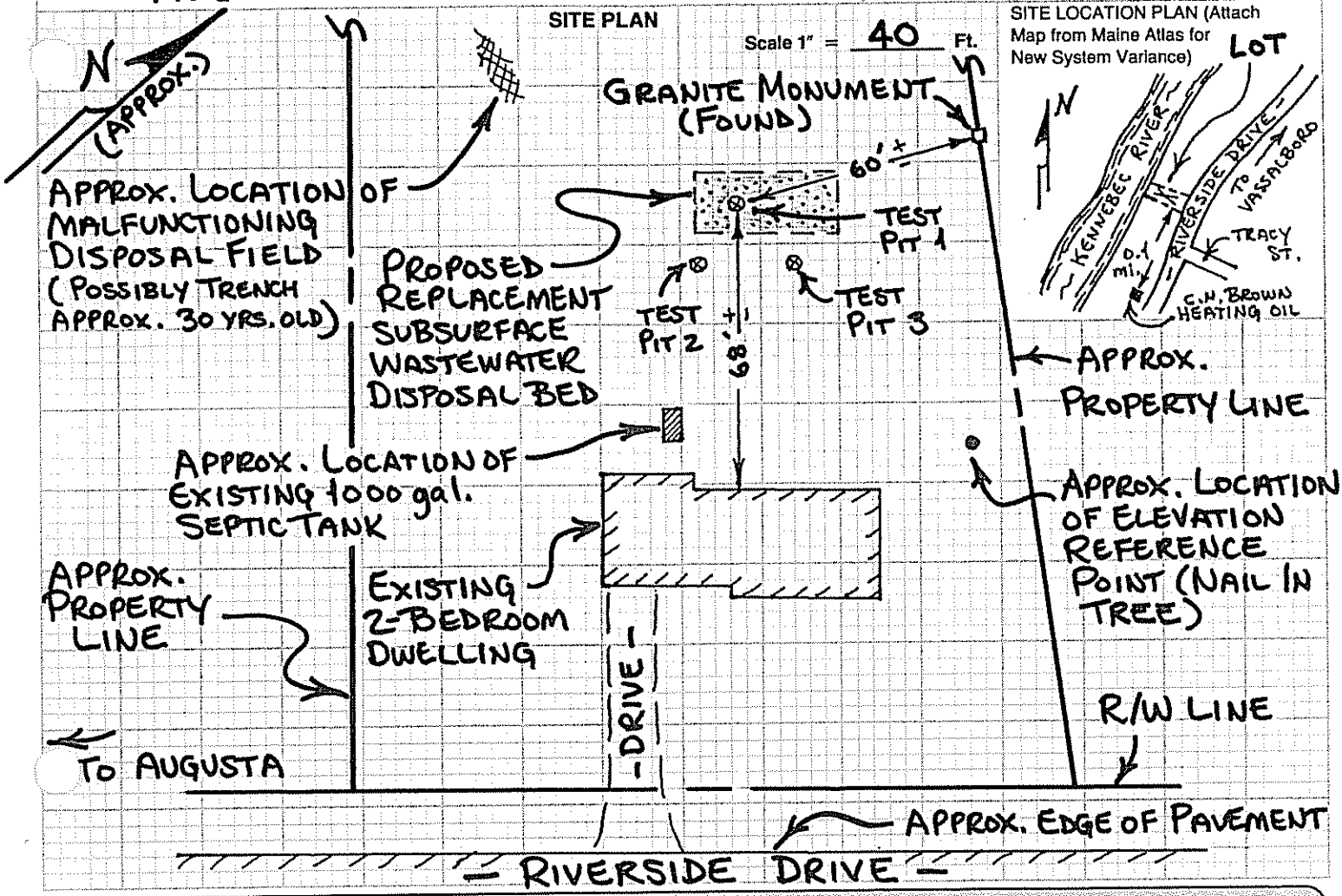
Department of Human Services
Division of Health Engineering

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation: AUGUSTA | Street, Road, Subdivision: RIVERSIDE DRIVE | Owners Name: KENNETH E. WARD, JR.

SITE PLAN

Scale 1" = 40 Ft.



SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)

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

Observation Hole 1 ☒ Test Pit ☐ Boring

1/2 ± " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	LOAM	FRIABLE	DARK GRAYISH BROWN	
6–10	LOAMY FINE SAND	VERY FRIABLE	LT. OLIVE BROWN	
10–20	FINE SAND	SOMEWHAT FIRM, BLOCKY IN PLACE	OLIVE	FEW FAINT; COMMON FAINT

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	C	~5 %	20"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole 2 ☒ Test Pit ☐ Boring

1/2 ± " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	LOAM	FRIABLE	DARK GRAYISH BROWN	
6–10	LOAMY FINE SAND	VERY FRIABLE	LT. OLIVE BROWN	
10–20	FINE SAND	SOMEWHAT FIRM, BLOCKY IN PLACE	OLIVE	FEW FAINT; COMMON FAINT

NOTE: TEST PIT 3 REVEALED A SIMILAR SOIL PROFILE.

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	C	~5 %	19"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock

William Y. Noble — Site Evaluator Signature | 75 — SE# | 6-24-97 — Date

HHE-200 Rev. 1/84

97004

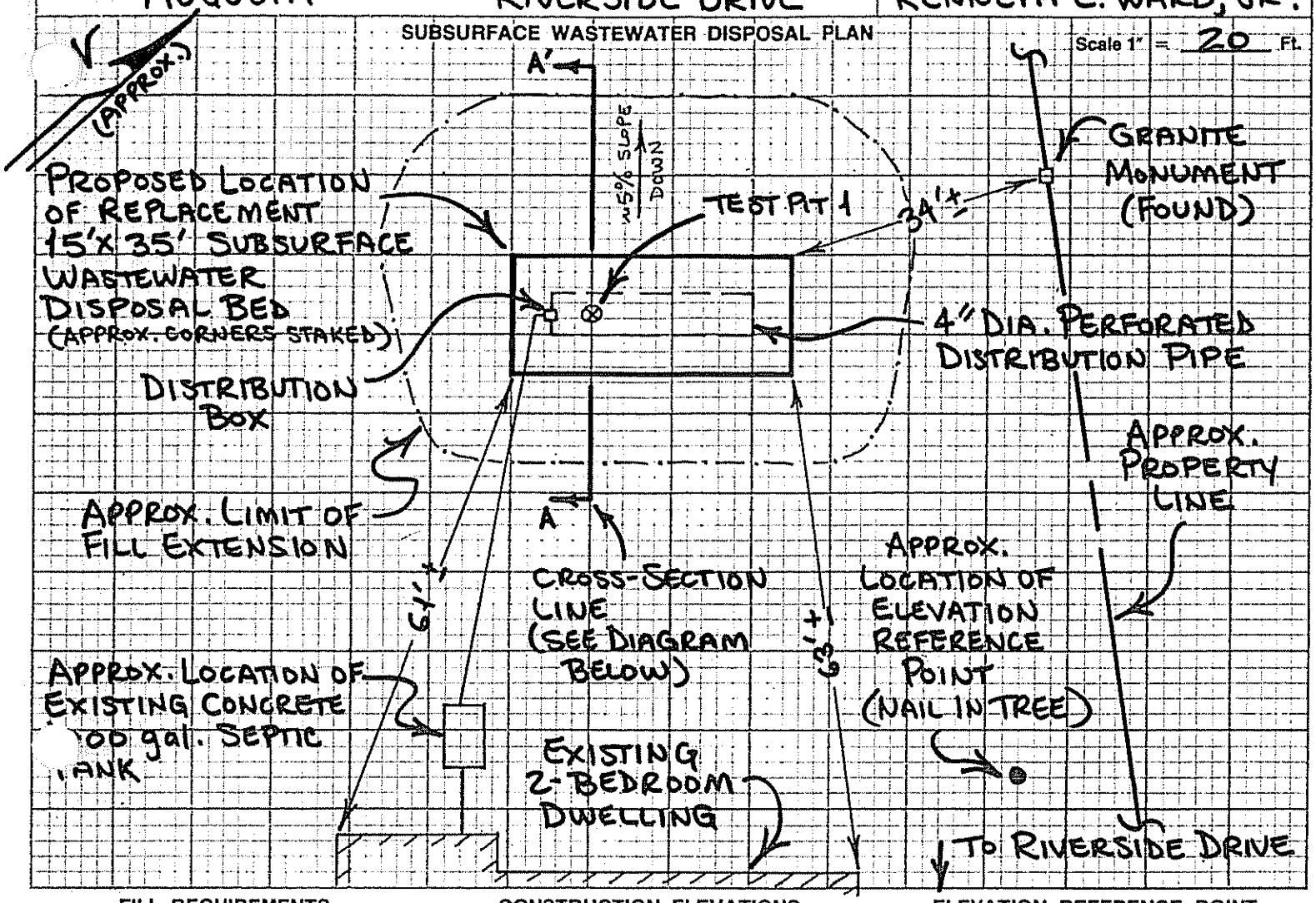
Department of Human Services
Division of Health Engineering

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	RIVERSIDE DRIVE	KENNETH E. WARD, JR.

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



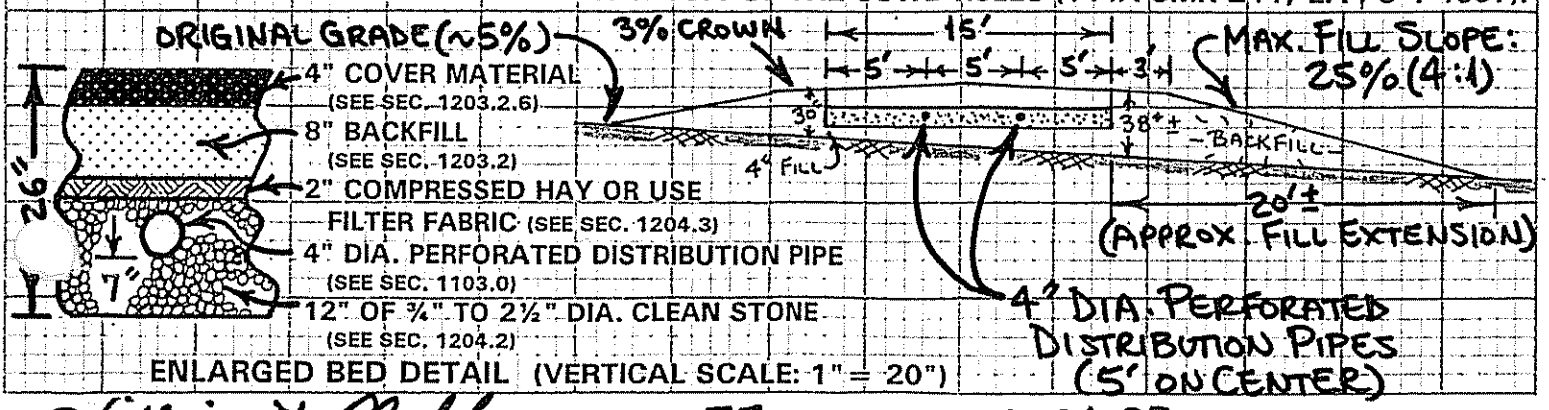
FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	30"	Reference Elevation is	0.0"	
Depth of Fill (Downslope)	38±"	Bottom of Disposal Area	-54.0"	NAIL WITH ORANGE FLAGGING IN 24" DIA. MAPLE
DEPTHS AT CROSS-SECTION A-A' (SEE NOTES 4 & 5 BELOW)		Top of Distribution Lines or Chambers	-43.0"	TREE, 7" ABOVE GROUND LEVEL AT BASE OF TREE

NOTES:

1. FILL & BACKFILL EXTENSIONS TO BE COARSE SAND TO GRAVELLY COARSE SAND WITH 4 TO 8% FINES, PER SEC. 1203.2 OF THE RULES.
2. GRADE LAND AROUND DISPOSAL FIELD TO DIVERT ANY WATER AWAY FROM THE AREA.
3. REMOVE ORGANIC LAYER & RAKE OR HARROW THE SOIL SURFACE BEFORE INSTALLING BACKFILL.
4. REQUIRED FILL DEPTHS MAY VARY FROM THOSE SHOWN DUE TO IRREGULARITIES IN SOIL SURFACE.
5. MAXIMUM ☐ CUT ☒ FILL TO BE 4 INCHES AT UPHILL EDGE OF DISPOSAL FIELD.
6. MULCH & SEED FINAL GRADE PER SEC. 1205.4 OF THE SSWD RULES (144A CMR 241, EFF. 6-1-1997).

DISPOSAL AREA CROSS SECTION A-A'

Scale: Vertical: 1 inch = 10 Ft. Horizontal: 1 inch = 10 Ft.



ENLARGED BED DETAIL (VERTICAL SCALE: 1" = 20")

William J. Noble — Site Evaluator Signature

75 — SE#

6-24-97 — Date

HHE-200 Rev. 1/84