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, Plantation	Augusta
Street or Road	34 Buena Vista Dr. / Central Avenue
Subdivision, Lot #	

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

AUGUSTA 4353 TOWN COPY
Date Permit Issued: 3 23 00 $ 170 ☐ If Double Fee Charged
Local Plumbing Inspector Signature
L.P.I. # 1850

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	Elvin, Norman S. ☒ Owner ☒ Applicant
Mailing Address of ☒ Owner ☒ Applicant	32 Buena Vista Drive Augusta, Maine 04330
Daytime Tel. #	(207) 626-0426

Municipal Tax Map # 36 Lot # 63

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 3/21/00

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. 5/11/00 (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:

SIZE OF PROPERTY

2.66 ± ☐ 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: daycare, 12 children max. + 1 employee (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 (install if additional necessary)
2. ☐ Plastic
3. ☐ Other: _____

CAPACITY 750 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

DESIGN FLOW

285 gallons per day

BASED ON:

1. ☒ Table 501.1 (dwelling unit(s)
2. ☒ Table 501.2 (other facilities)

SHOW CALCULATIONS

-- for other facilities --

3 BR dwelling (270 gpd) + daycare (195 gpd), less 180 gpd (existing bed) = 285 gpd design flow

3. ☐ Section 503.0 (meter readings)

ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS

PROFILE 2 / CONDITION AIII / DESIGN 1

at Observation Hole # 1

Depth 15" Elevation -71"

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 3-10-00 (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 Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

William T. Noble Site Evaluator Signature	75 SE #	3-15-00 Date
William T. Noble Site Evaluator Name Printed	(207) 547-3252 Telephone #	

STATE OF MAINE — WILLIAM T NOBLE 075 — LICENSED SITE EVALUATOR

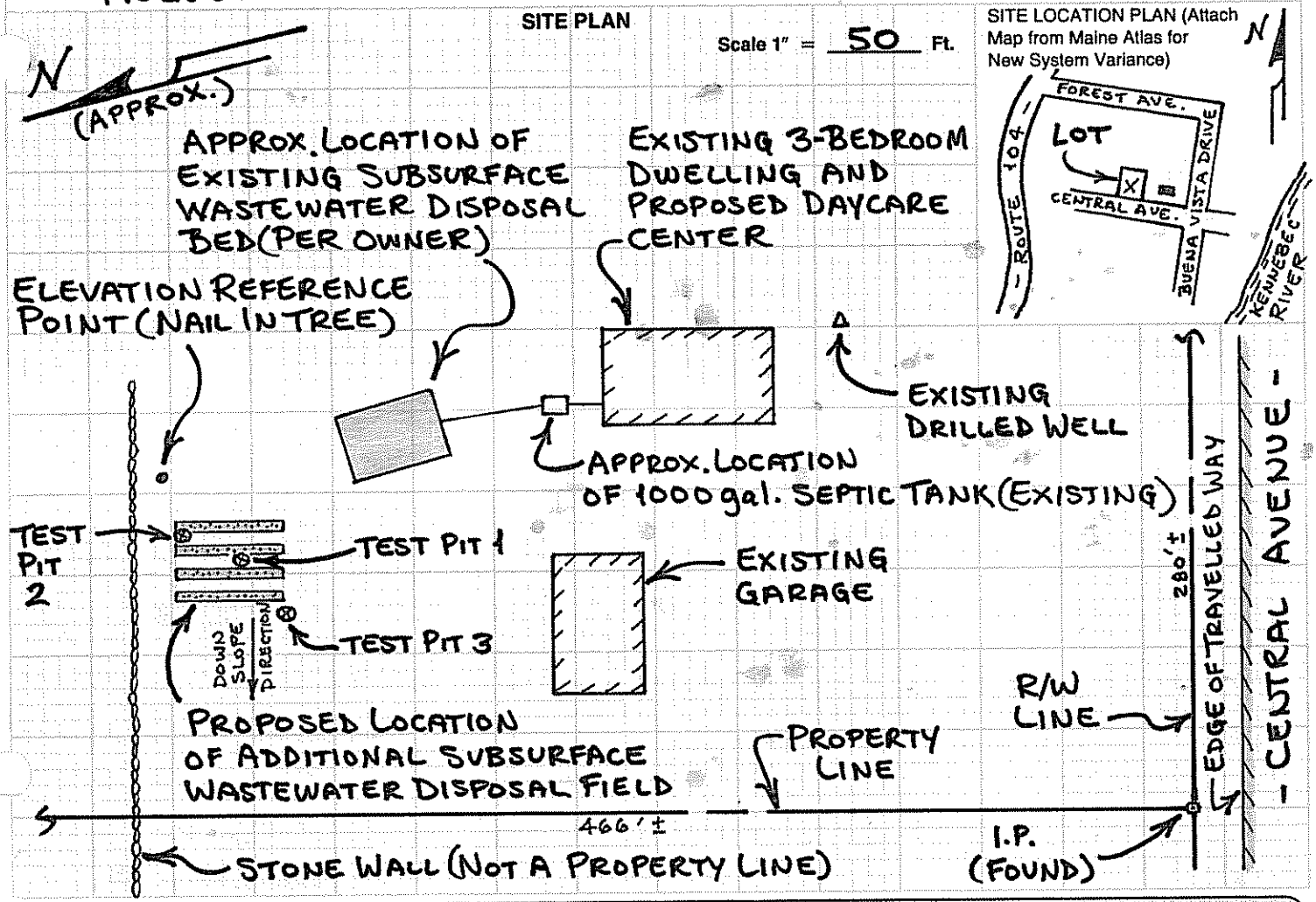
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: CENTRAL AVENUE
Owners Name: NORMAN S. ELVIN

SITE PLAN

Scale 1" = 50 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): 0, 6, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling
FINE SANDY LOAM	FRIABLE	DARK BROWN	NONE
GRAVELLY FINE SANDY LOAM		DARK YELLOWISH BROWN	
→ BEDROCK ←			

Soil Profile	Classification Condition	Slope	Limiting Factor	
2	B/AIII	~11 %	15	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock

Observation Hole 2 — ☒ Test Pit ☐ Boring

1 ± " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 6, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling
FINE SANDY LOAM		DARK BROWN	
GRAVELLY FINE SANDY LOAM	FRIABLE	STRONG BROWN	
FINE SANDY LOAM		OLIVE BROWN	COMMON FAINT
→ BEDROCK ←			

TEST PIT 3 — SIMILAR SOIL PROFILE — BEDROCK DEPTH AT 12"

Soil Profile	Classification Condition	Slope	Limiting Factor	
2	C/AIII	~15 %	27	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock

William J. Noble
Site Evaluator Signature

75
SE#

3-15-00
Date

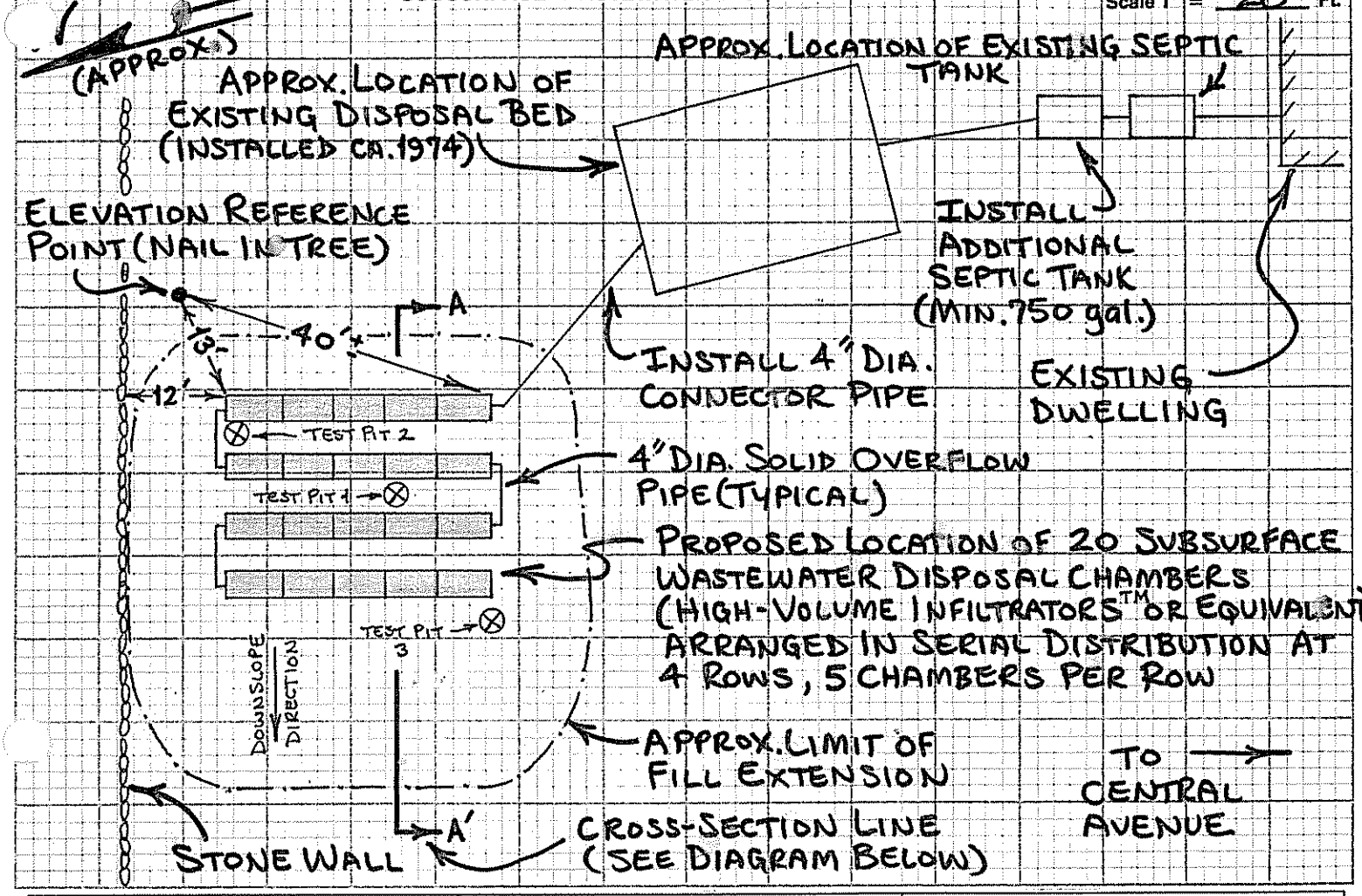
Department of Human Services
Division of Health Engineering

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	CENTRAL AVENUE	NORMAN S. ELVIN

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



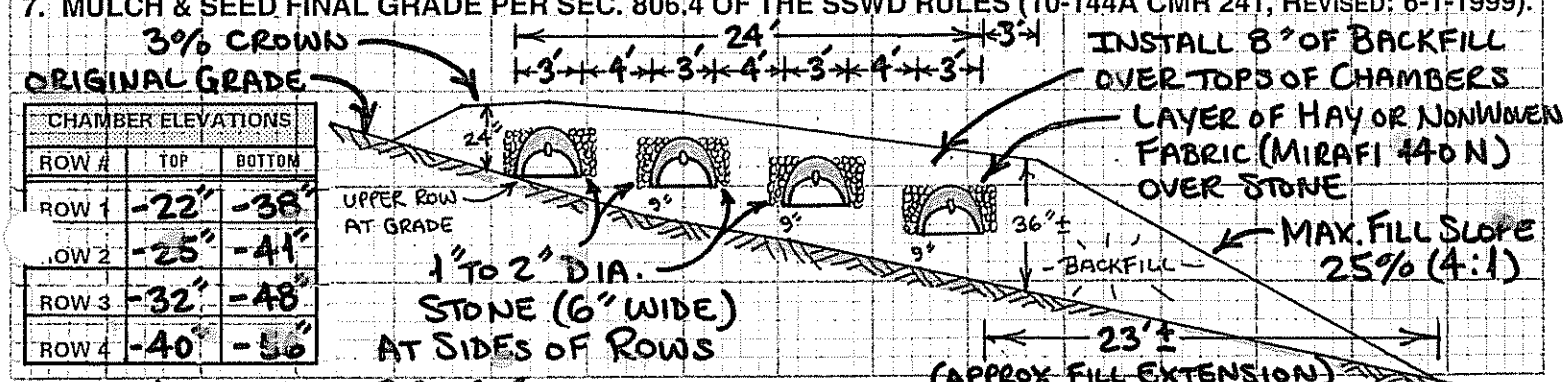
FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT
Depth of fill (upslope) 24"	Finished Grade Elevation (SEE BELOW)"	Location & Description: Nail with ORANGE flagging in 9" dia. ASH tree, 14" above ground at base of tree. Reference Elevation is: 0.0"
Depth of Fill (downslope) 36±"	Top of Distribution Pipe or Proprietary Device ____"	
DEPTHS AT CROSS SECTION A-A' (see below)	Bottom of Disposal Field ____"	

NOTES:

1. INSTALL CHAMBERS AS DIRECTED BY MANUFACTURER/DISTRIBUTOR.
2. FILL & BACKFILL EXTENSIONS TO BE COARSE SAND TO GRAVELLY COARSE SAND WITH 4 TO 8 % FINES, PER SEC. 804.2 OF THE RULES.
3. GRADE LAND AROUND DISPOSAL FIELD TO DIVERT ANY WATER AWAY FROM THE DISPOSAL AREA.
4. REMOVE ORGANIC LAYER & RAKE OR HARROW THE SOIL SURFACE BEFORE INSTALLING BACKFILL.
5. REQUIRED FILL DEPTHS MAY VARY FROM THOSE SHOWN DUE TO IRREGULARITIES IN SOIL SURFACE.
6. DEPTH OF ☐ CUT ☐ FILL TO BE (SEE BELOW) INCHES AT UPHILL SIDE OF EACH CHAMBER ROW.
7. MULCH & SEED FINAL GRADE PER SEC. 806.4 OF THE SSWD RULES (10-144A CMR 241, REVISED: 6-1-1999).

DISPOSAL AREA CROSS SECTION A-A'

Scale:
Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 10 Ft.



CHAMBER ELEVATIONS		
ROW #	TOP	BOTTOM
ROW 1	-22"	-38"
ROW 2	-25"	-41"
ROW 3	-32"	-48"
ROW 4	-40"	-56"

William Y. Noble — Site Evaluator Signature
75 — SE#
3-15-00 — Date