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/ 622-9453

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

AUGUSTA 3809 TOWN COPY

Date Permit Issued 10/23/97 $ 60.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. #

PROPERTY LOCATION

Town or Plantation	AUGUSTA, KENNEBEC COUNTY, MAINE
Street Subdivision Lot #	~~RTE 27, CIVIC CENTER DRIVE~~ Old Belgrade Rd AUGUSTA, MAINE 04333

PROPERTY OWNER'S NAME

Last:	STATE of MAINE, VETERANS MEMORIAL First: CEMETARY
Applicant's Name	MR. JOE NOTA, SUPERINTENDENT
Mailing Address of Owner	117 STATE HOUSE STATION AUGUSTA, MAINE 04333-0117
Daytime Tel. #	(207) 626-4464

Municipal Tax Map # 5 Lot # 13

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 of Owner/Applicant 10-21-97 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 Signature Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION:

1. ☐ First Time System
2. ☒ Replacement System
   Type Replaced HOLDING TANK
   Year Installed UNKNOWN
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(graywater & alt toilet)
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

150 Acres +/-

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE:

1. ☐ Single Family Dwelling Unit
2. ☐ Multiple Family Dwelling: Number of Units _____
3. ☒ Other CHURCH (105 SEATS)

TYPE OF WATER SUPPLY

Drilled Well @ 300 feet +

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ☒ Concrete
   ☐ a. Regular
   ☐ b. Low Profile
2. ☐ Plastic
3. ☐ Other _____

SIZE 1000 Gallons

DISPOSAL AREA TYPE / SIZE

1. ☐ Bed _____Sq. Ft.
2. ☒ Proprietary Device 661 Sq. Ft.
   ☐ Cluster ☐ Linear
   ☒ Regular ☐ H-20
3. ☐ Trench (INFIL. in Trench)
4. ☐ Other (44 SF/Unit)
   Standard Infiltrators

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)

Section 903.2
Using Monthly Factor:
4,000GAL/30days = 133.3GPD
1.5 * 133.4 = 200.1 gpd
Used 16 infiltrators in Trench, for Design Flow of 213 GPD:
213 GPD*3.3SF/GPD = 661 SF
661SF/44SF/Unit = 16 INFIL

DESIGN FLOW: (See Enclosures) 213 GPD
(Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE	DESIGN
3C	1

DEPTH TO MOST LIMITING FACTOR 15 ··

DISPOSAL AREA SIZING

1. ☐ Small - 2.00
2. ☐ Medium - 2.60
3. ☒ Medium-Large - 3.30
4. ☐ Large - 4.10
5. ☐ Extra-Large - 5.20

PUMPING

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

DOSE N/A Gallons

SITE EVALUATOR'S STATEMENT

On 6/13/96 (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.

Site Evaluator Signature — SE # 269 — Date 15 Aug 97

David H. Brandt, P.E., S.E. — Site Evaluator Name Printed — 207-626-4479 Telephone

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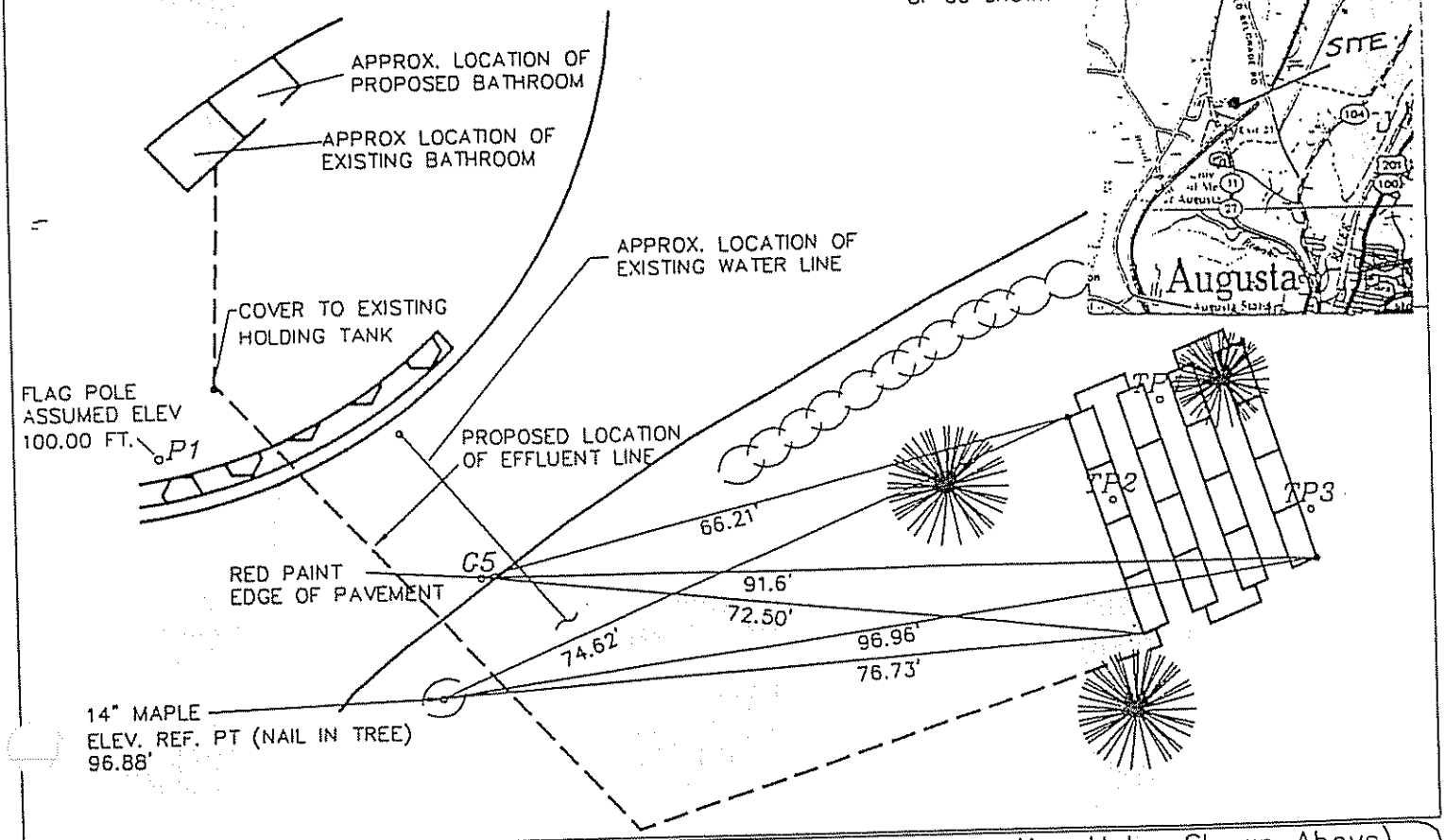
Town, City, Plantation: AUGUSTA, KENNEBEC COUNTY, MAINE

Street, Road Subdivision: RTE 27, CIVIC CENTER DRIVE

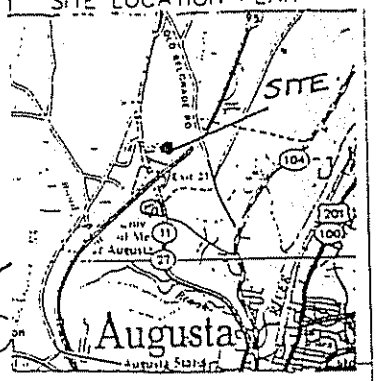
Owner's Name: STATE of MAINE, VET. MEM. CEM.

SITE PLAN

Scale 1" = 20 Ft. or as shown



SITE LOCATION PLAN



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

Observation Hole #2 ☒ Test Pit ☐ Boring

< 2 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	FINE SANDY LOAM	FRIABLE	BROWN	
10	FINE, LOAMY SAND	FRIABLE	RED,ORG-BRN	
13	FINE SAND	FRIABLE	OLIVE	FAINT COMMON
(18) 20				
30				
34	BEDROCK			
40				
50				

Soil Classification		Slope	Limiting Factor	
3	C	7-8 %	18 "	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
Profile	Condition			

Observation Hole #4 ☒ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	FINE, LOAMY SAND	FRIABLE	YELLOW-BRN	
3				
7	FINE SANDY LOAM	FRIABLE	BROWN	
10	FINE LOAMY SAND	FRIABLE	OLIVE	
(15)	SAND	FIRM IN PLACE	OLIVE	COMMON FAINT
20				
30				
36	BEDROCK			
40				
50				

Soil Classification		Slope	Limiting Factor	
3	C	7-8 %	15 "	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock ☐ Pit Depth
Profile	Condition			

Site Evaluator Signature

#269
SE #

15 Aug 97
Date

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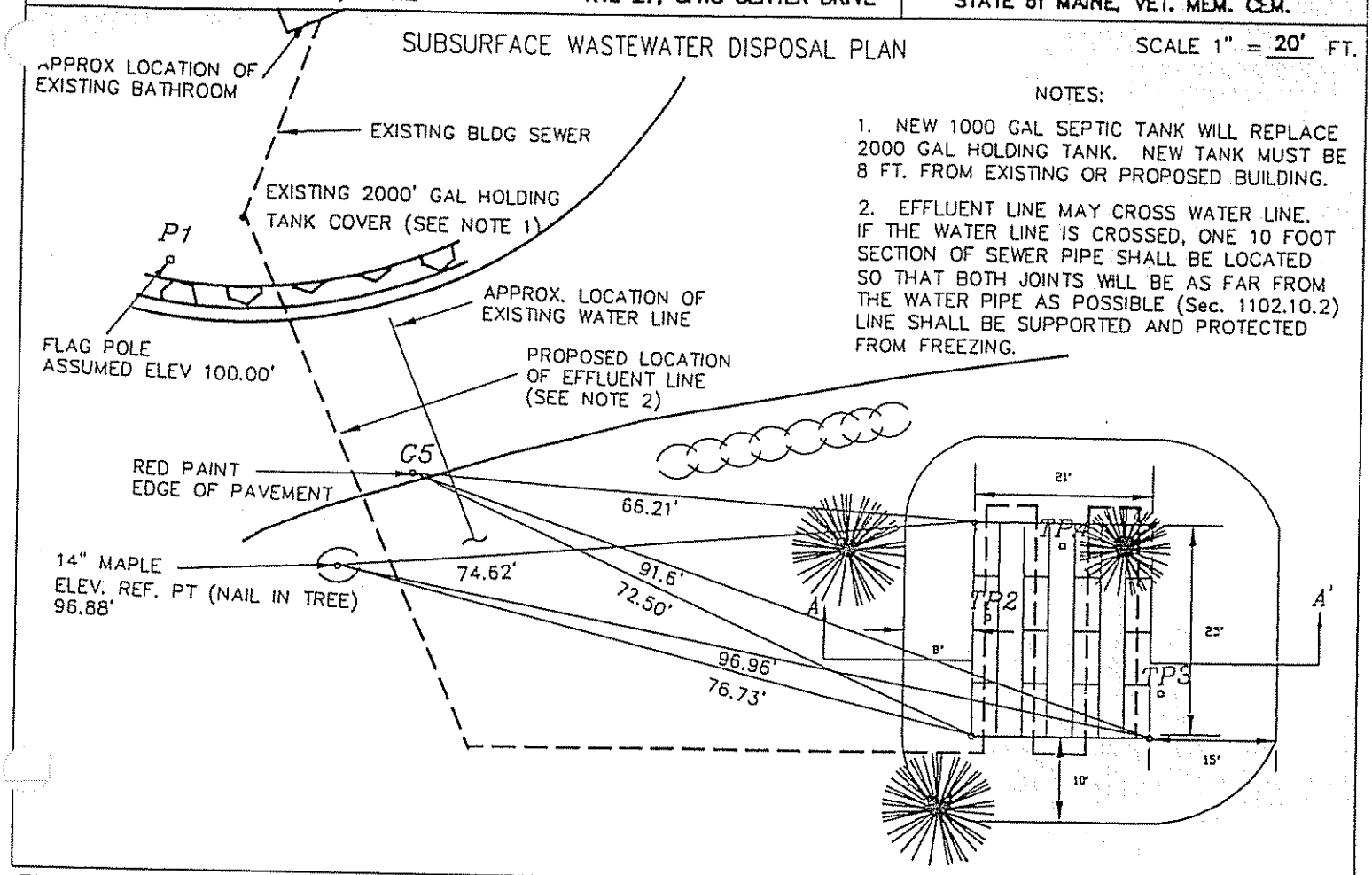
AUGUSTA, KENNEBEC COUNTY, MAINE	RTE 27, CIVIC CENTER DRIVE	STATE of MAINE, VET. MEM. CEM.

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20' FT.



NOTES:

1. NEW 1000 GAL SEPTIC TANK WILL REPLACE 2000 GAL HOLDING TANK. NEW TANK MUST BE 8 FT. FROM EXISTING OR PROPOSED BUILDING.

2. EFFLUENT LINE MAY CROSS WATER LINE. IF THE WATER LINE IS CROSSED, ONE 10 FOOT SECTION OF SEWER PIPE SHALL BE LOCATED SO THAT BOTH JOINTS WILL BE AS FAR FROM THE WATER PIPE AS POSSIBLE (Sec. 1102.10.2) LINE SHALL BE SUPPORTED AND PROTECTED FROM FREEZING.

FILL REQUIREMENTS

Depth of Fill (Upslope)	21"
Depth of Fill (Downslope)	21"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation	SEE TABLE BELOW
Top of Distribution Pipe or Proprietary Device	" " "
Bottom of Disposal Area	" " "

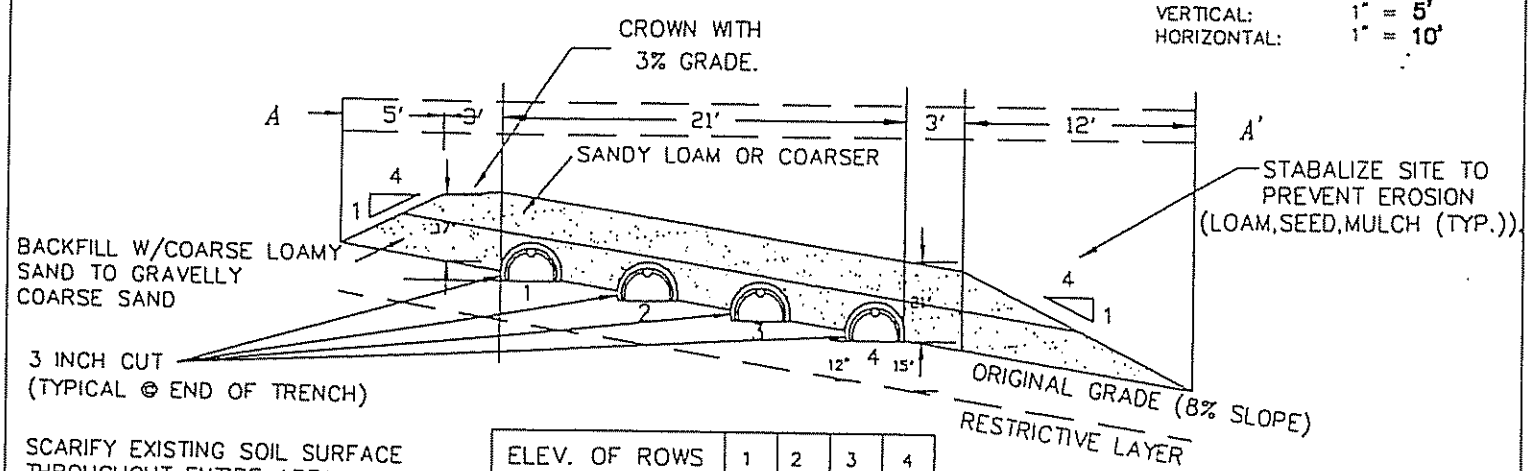
ELEVATION REFERENCE POINT

Location & Description: NAIL IN 14" MAPLE NOTED ON ATTACHED PLAN

Reference Elevation: ASSUMED 96.88'

DISPOSAL AREA CROSS SECTION

SCALE:
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 10'



SCARIFY EXISTING SOIL SURFACE THROUGHOUT ENTIRE AREA UNDER DISPOSAL FIELD AND FILL EXTENSIONS A DEPTH OF 6-8 INCHES.

ELEV. OF ROWS	1	2	3	4
FIN. GRADE ELEV.	93.4'	93.2'	92.6'	91.9'
TOP OF INFIL. ELEV.	92.4'	92.2'	91.6'	90.9'
BOTTOM OF INFIL. ELEV.	91.4'	91.2'	90.6'	89.9'

Site Evaluator Signature

269
SE #

15 Aug 97
Date