FAX TO 549-5147

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: AUGUSTA

Street or Road: No. Belfast Ave. Rt 3

Subdivision, Lot #: RR7 BOX 390

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

AUGUSTA 4891 TOWN CORY
Date Permit Issued: 6/18/02 $ 100.00 ☐ If Double Fee Charged
FEE
Local Plumbing Inspector Signature L.P.I. # 1851

OWNER/APPLICANT INFORMATION

Name (last, first, MI): HEALD CARLTON — Owner / Applicant

Mailing Address of ☐ Owner ☐ Applicant: RR7 Box 390
AUGUSTA ME 04330

Daytime Tel. #: 622-7770
377-8117

Municipal Tax Map # 7 Lot # 64

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.

Carlton Heald 6-17-02
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.

Local Plumbing Inspector Signature — (1st) Date Approved 6/24/02 — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION
1. ☐ First Time System
2. ☒ Replacement System
   Type Replaced: PIPE + STONE BED
   Year Installed: 1980's
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
2 AC± ☐ 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

EXISTING 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 PUMP + TANK
   a. ☐ Regular COMBO
   b. ☐ Low Profile H-20
2. ☐ Plastic LOADING
3. ☐ Other:
CAPACITY 1000 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 _____ ☐ 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
270 gallons per day
BASED ON:
1. ☐ Table 501.1 (dwelling unit(s)
2. ☐ Table 501.2 (other facilities)
SHOW CALCULATIONS – for other facilities –
4 ROWS @ 45
10 x 45
3' ON CENTER
3. ☐ Section 503.0 (meter readings
ATTACH WATER-METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION DESIGN
2 C 1
at Observation Hole # TP-1
Depth 15" 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

I Certify that on 6-3-02 (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).

David Studer — 275 (SE #) — 6-8-02 (Date)

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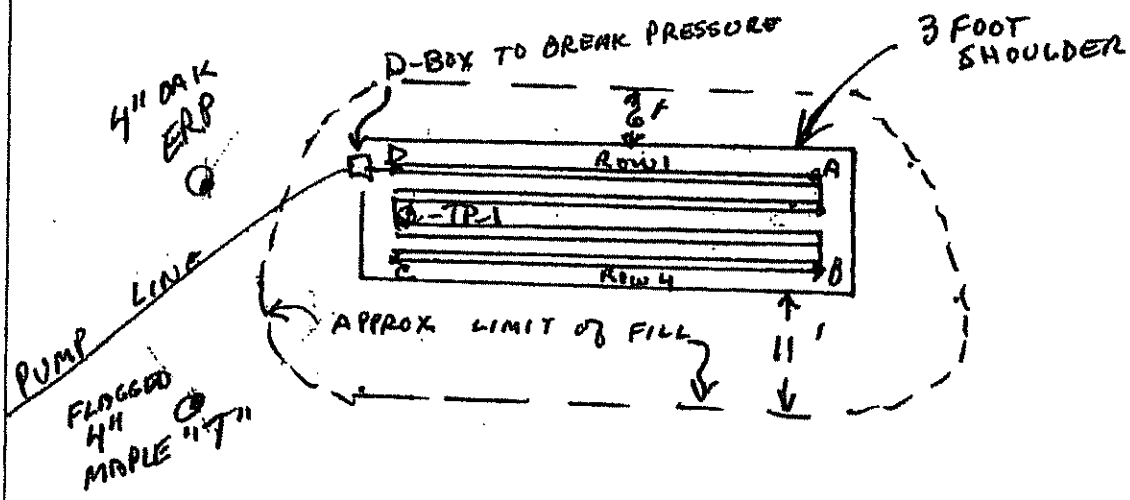
Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
AUGUSTA	Rt 3 RR2 Box 390	CARLTON HEALD

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20' FT.



EC = 21'
ED = 19.5'
EA = 64'
ET = 25'
TD = 32'
TC = 24.5'
TA = 69'

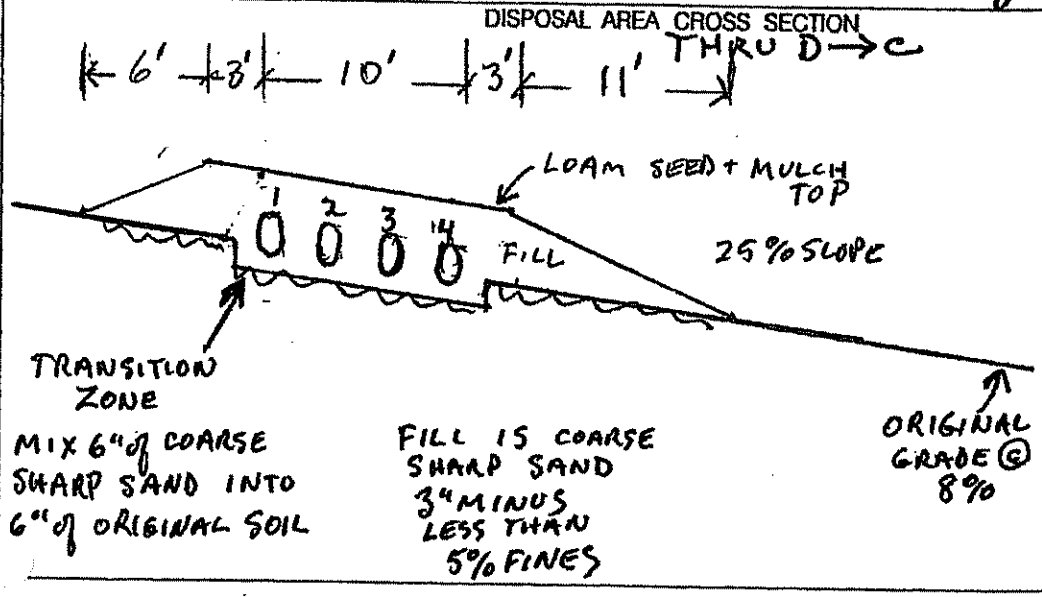
4 ROWS of 45' GEOFLOW PIPE
3' ON CENTER
2' EDGE of PIPE to EDGE of PIPE
SERIAL DISTRIBUTION

ORIGINAL ELEVATIONS
A+D = -54"
C+B = -63"

DISTRIBUTION MAY BE REVERSED TO FEED AT "A"

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Fill (Upslope)	21"	Finished Grade Elevation	12" OVER GEOFLOW	Location & Description	NAIL IN OAK 50" ABOVE GRADE
Depth of Fill (Downslope)	21"	Top of Distribution Pipe or Proprietary Device	SEE BELOW		
		Bottom of Disposal Area		Reference Elevation	"0"

DISPOSAL AREA CROSS SECTION



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

GEOFLOW PIPE ELEVATIONS

Row	Top	Bottom
1	-45	-57"
2	-48	-60"
3	-51	-63"
4	-54	-66"

David J Studer — Site Evaluator Signature
275 — SE #
6-8-02 — Date

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Town, City, Plantation: AUGUSTA

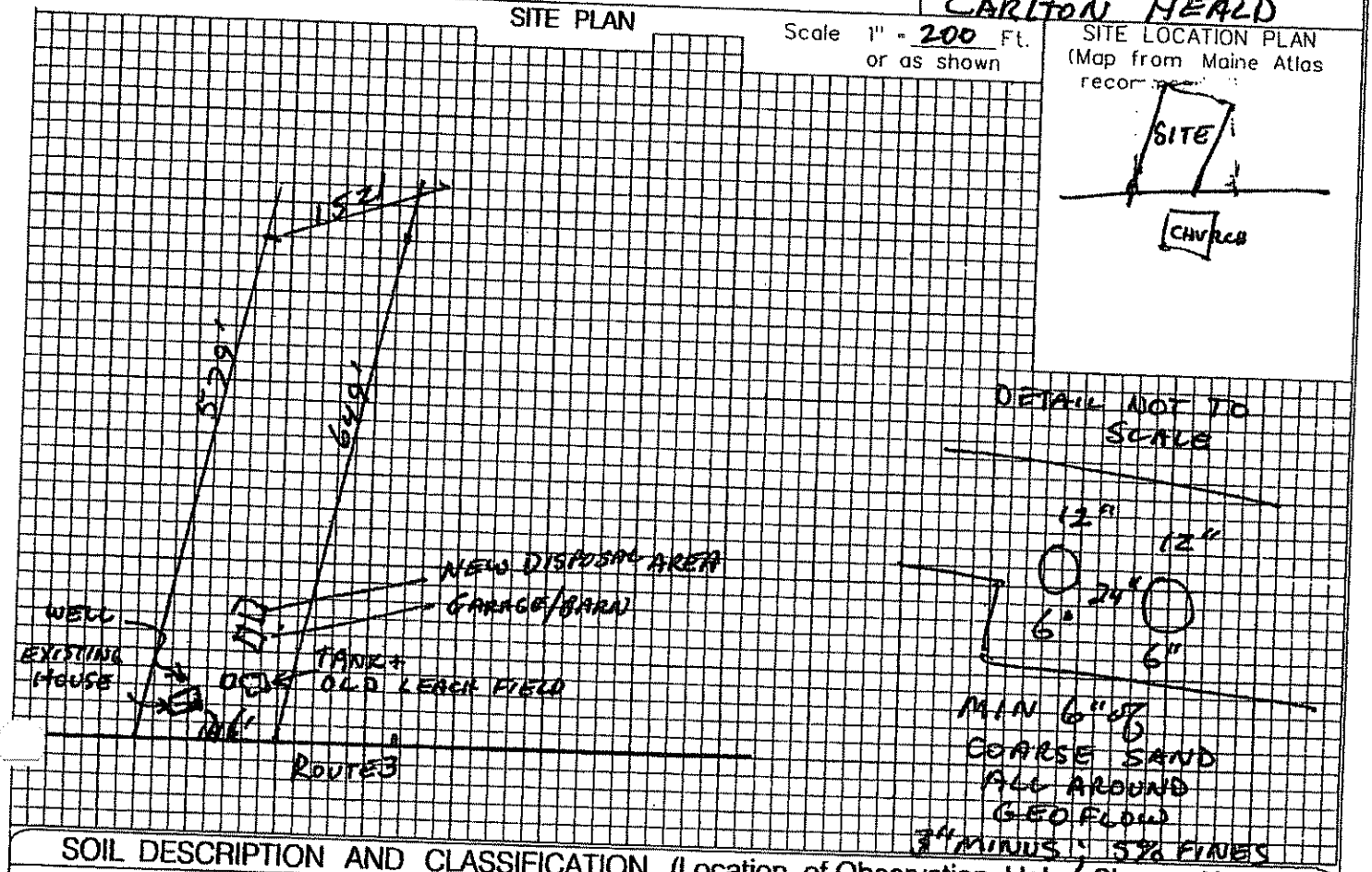
Street, Road Subdivision: Rt3

Owner's Name: CARLTON HEALD

SITE PLAN

Scale 1" = 200 Ft. or as shown

SITE LOCATION PLAN (Map from Maine Atlas recommended)



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

Observation Hole TP-1 ☒ Test Pit ☐ Boring

0-1/2" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Depth	Texture	Consistency	Color	Mottling
0–10	LOAM		DK BN	
10–30	GRAVELLY SANDY LOAM TO LOAMY SAND	FRIABLE	YELLOW / OLIVE	COMMON2 DISTINCT
30–50	LIMIT OF INVESTIGATION			

Soil Classification		Slope	Limiting Factor	
2 (Profile)	C (Condition)	8 %	15"	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole _____ ☐ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Depth	Texture	Consistency	Color	Mottling
0–50				

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

David I Studer
Site Evaluator Signature

275
SE #

6-8-02
Date