

Map 1 Lot 190A

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

Town or Location: **AUGUSTA**
 Street: **41 WILSON STREET**
 Subdivision Lot #:
 PROPERTY OWNER'S NAME
 Last: **CARON** First: **MICHAEL & SUZANNE**
 Applicant's Name:
 Mailing Address of Owner: **RR 5 BOX 7580 AUGUSTA, ME 04330**
 Daytime Tel. #: **623-9303**

AUGUSTA 4210 TOWN COPY
 Date Permit Issued: **6/24/99** FEE: **\$10.00** # Double Fee Charged:
 Local Plumbing Inspector Signature: *[Signature]* L.P.I. #: **852**

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 permits

Signature of Owner/Applicant: *[Signature]* Date: **6/23/99**

Caution: Inspection Required

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

Local Plumbing Inspector Signature: *[Signature]* Date Approved: **7/13/99**

PERMIT INFORMATION

TYPE OF APPLICATION: 1. <input type="checkbox"/> First Time System 2. <input checked="" type="checkbox"/> Replacement System Type Replaced: <u>Cesspool</u> Year Installed: <u>19 60's</u> 3. <input type="checkbox"/> Expanded System <input type="checkbox"/> a. one time exempted <input type="checkbox"/> b. non exempted 4. <input type="checkbox"/> Experimental System 5. <input type="checkbox"/> Seasonal Conversion	THIS APPLICATION REQUIRES 1. <input checked="" type="checkbox"/> No Rule Variance 2. <input type="checkbox"/> First Time Variance <input type="checkbox"/> A. Local Plumbing Inspector Approval <input type="checkbox"/> B. State & Local Plumbing Inspector Approval 3. <input type="checkbox"/> Replacement System Variance <input type="checkbox"/> A. Local Plumbing Inspector Approval <input type="checkbox"/> B. State & Local Plumbing Inspector Approval 4. <input type="checkbox"/> Minimum Lot Size Variance 5. <input type="checkbox"/> Seasonal Conversion Approval	DISPOSAL SYSTEM COMPONENTS 1. <input checked="" type="checkbox"/> Non-engineered System 2. <input type="checkbox"/> Primitive System (graywater & Alt Toilet) 3. <input type="checkbox"/> Alternative Toilet 4. <input type="checkbox"/> Non-engineered Treatment Tank 5. <input type="checkbox"/> Holding Tank _____ gallons 6. <input type="checkbox"/> Non-engineered Disposal Area (only) 7. <input type="checkbox"/> Separated Laundry System 8. <input type="checkbox"/> Engineered System (+2000 Gpd) 9. <input type="checkbox"/> Engineered Treatment Tank (only) 10. <input type="checkbox"/> Engineered Disposal Area (only) 11. <input type="checkbox"/> Pretreatment
SIZE OF PROPERTY 3.572 ACRES	DISPOSAL SYSTEM TO SERVE 1. <input checked="" type="checkbox"/> Single Family Dwelling Unit 2. <input type="checkbox"/> Multiple Family Dwelling Unit Units _____ 3. <input type="checkbox"/> Other	TYPE OF WATER SUPPLY EXISTING DRILLED WELL
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK 1. <input checked="" type="checkbox"/> Concrete <input checked="" type="checkbox"/> A. Regular <input type="checkbox"/> B. Low Profile (see Note) 2. <input type="checkbox"/> Plastic 3. <input type="checkbox"/> Other _____ SIZE: 1,000 GALLONS	DISPOSAL AREA TYPE/SIZE 1. <input checked="" type="checkbox"/> Bed <u>900</u> sq. Ft. 2. <input type="checkbox"/> Proprietary Device _____ sq. Ft. <input type="checkbox"/> Cluster <input type="checkbox"/> Linear <input type="checkbox"/> Regular <input type="checkbox"/> H-20 3. <input type="checkbox"/> Trench _____ 4. <input type="checkbox"/> Other _____	GARBAGE DISPOSAL UNIT 1. <input checked="" type="checkbox"/> No 2. <input type="checkbox"/> Yes <input type="checkbox"/> Multi-compartment Tank <input type="checkbox"/> Tank In Series <input type="checkbox"/> Increase Tank Capacity <input type="checkbox"/> Filter On Tank Outlet	CRITERIA USED FOR DESIGN FLOW (Show Calculations) 3 BEDROOM
PROFILE & DESIGN CLASS PROFILE: <u>4</u> DESIGN: <u>C</u> DEPTH TO MOST LIMITING FACTOR: <u>30"</u>	DISPOSAL AREA SIZING 1. <input type="checkbox"/> Small - 2.00 2. <input checked="" type="checkbox"/> Medium - 2.60 3. <input type="checkbox"/> Medium-Large - 3.30 4. <input type="checkbox"/> Large - 4.10 5. <input type="checkbox"/> Extra-Large - 5.20	PUMPING 1. <input type="checkbox"/> Not Required 2. <input checked="" type="checkbox"/> May Be Required 3. <input type="checkbox"/> Required DOSE: <u>T.B.D.</u> Gallons	DESIGN FLOW: 346 (Gallons / Day)

SITE EVALUATOR'S STATEMENT

On 4/14/99 (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's Signature: *[Signature]*
 John Archard
 Site Evaluator's Name Printed

181
 SE #
 (207) 293-2674
 Telephone

4/17/99
 Date

FACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Plantation
AUGUSTA

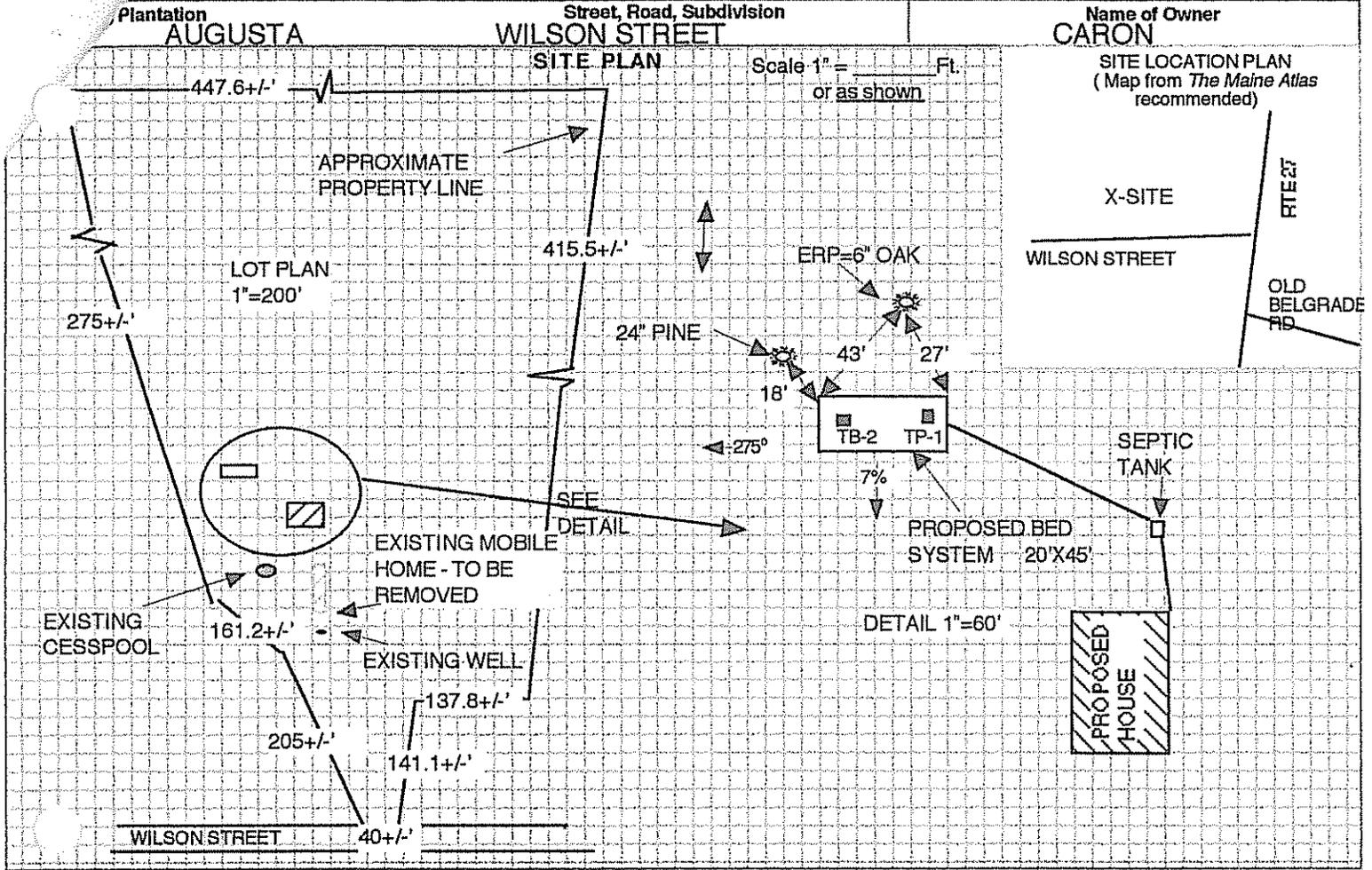
Street, Road, Subdivision
WILSON STREET

Name of Owner
CARON

SITE PLAN

Scale 1" = _____ Ft.
or as shown

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



SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole TP-1 Test Pit Boring

2 " Depth of Organic Horizon above Mineral Soil

Texture	Consistency	Color	Mottling
LOAMY SAND	FRIABLE	REDDISH BROWN	NONE EVIDENT
		YELLOWISH BROWN	
MEDIUM TO FINE LOAMY SANDS		BRIGHT OLIVE BROWN	
		OLIVE BROWN	FEW FAINT

Soil Profile 4 CLASS C Slope 7 % Limiting Factor 30 "

Ground Water Restrictive Layer Bedrock

Observation Hole TB-2 Test Pit Boring

2 " Depth of Organic Horizon above Mineral Soil

Texture	Consistency	Color	Mottling
LOAMY SAND	FRIABLE	REDDISH BROWN	NONE EVIDENT
		YELLOWISH BROWN	
MEDIUM TO FINE LOAMY SANDS		BRIGHT OLIVE BROWN	
		OLIVE BROWN	FEW FAINT

Soil Profile 4 CLASS C Slope 7 % Limiting Factor 30 "

Ground Water Restrictive Layer Bedrock

[Handwritten Signature]
Site Evaluator Signature

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SE#

4/17/99
Date

FACE WASTEWATER DISPOSAL SYSTEM APPLICATION

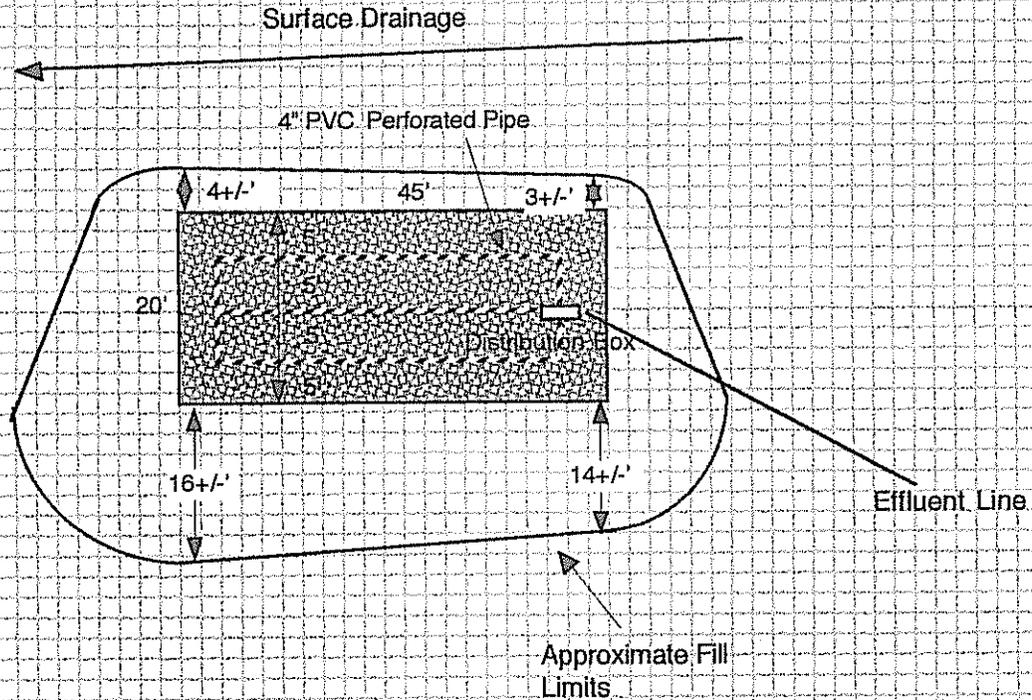
Plantation
AUGUSTA

Street, Road, Subdivision
WILSON STREET

Owner's Name
CARON

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope)	6 to 10 "
Depth of Fill (Downslope)	23 TO 27 "

CONSTRUCTION ELEVATIONS

Finished Grade Elevation	-28"
Top of Distribution Pipe or Proprietary Device	-41"
Bottom of Disposal Area	-52"

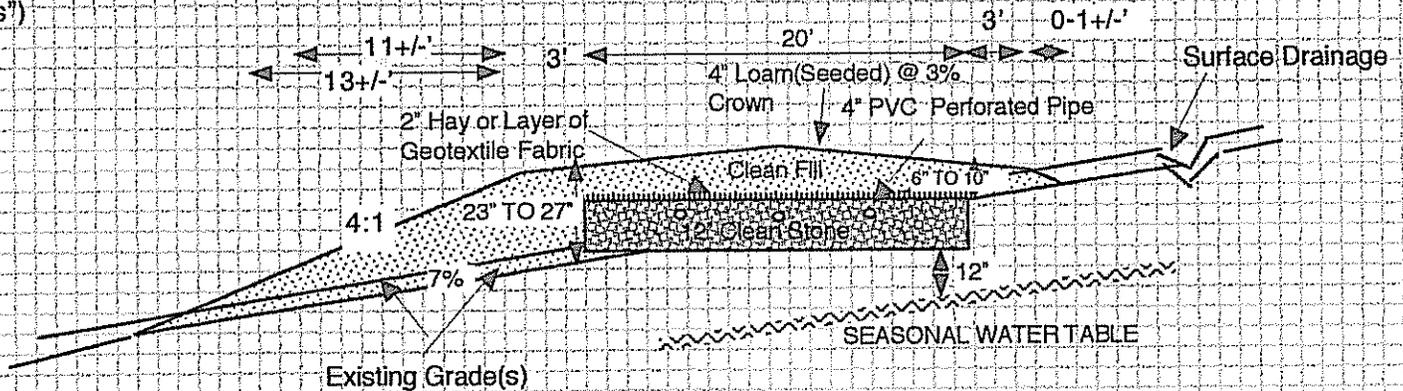
ELEVATION REFERENCE POINT

Location & Description	NAIL IN 6" OAK TREE
	8.5' ABOVE GROUND
Reference Elevation	.00'

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1" = 4 Ft.
Horizontal: 1" = 10 Ft.

Note: All fill to be coarse, gravelly, sharp, clean sand. (See section 1203 of "Rules")



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SE#

4/17/99
Date

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Site Evaluator Signature

GENERAL NOTES

1. Site evaluations conform to the criteria of the "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision. Other environmental concerns are not evaluated and may require additional professional opinions. the delineation of wetlands, when required, is to be performed by competent consultants experienced in such practice and may affect the suitability of particular sites.

2. All construction to conform to the specifications in the "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision.

3. Wells & structures must maintain setbacks from the disposal system as allowed or required in Chapter 4 "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision.

4. Property lines as shown are as provided by owner/owner's agent no guarantee of accuracy is implied. Actual property lines must be confirmed by survey.

5. A septic tank filter is required when installing a mechanical garbage disposal or solids handling grinder pump or when otherwise specified.

6. Septic tanks and pump stations, when required, shall be installed watertight to prevent the infiltration of ground or surface water. Pumps shall be sized for actual installed T.D.H.. For uninterrupted service during repair duplex pumps are recommended.

7. Force mains and pressure lines shall be flushed of foreign material and pumps checked for proper on/off cycle before being put in service.

8. Applicability of the design must be reevaluated when the location of structures are substantially different than shown on the site plan, or when other appurtenances (ie; swimming pools) are added.

9. Systems put into service prior to establishing proper cover shall be provided with adequate erosion controls.

10. Provide low profile tanks when determined as needed in the field. All tanks may be field located and meet the setback requirements of Chapt. 4 "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" latest revision.

11. All components subject to freezing must be adequately insulated.

12. The LPI shall inform the owner and designer of any local ordinances exceeding the "State of Maine Subsurface Waste Water Disposal Rules-144A CMR 241" prior to issuing a permit so that necessary amendments can be made to the design.

13. Systems must be maintained as outlined in "Septic Systems-How They Work & How to Keep Them Working"-MDEP

14. All designs are subject to Local, State, or Federal review. Designers liability shall be limited to required revisions. In no case shall liability exceed designers fee.

The owner/applicants signature on page one acknowledges their understanding of the "General Notes"