M50 L22

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)289-3826

PROPERTY ADDRESS

Town or Plantation	AUGUSTA
Street Subdivision Lot #	RIVERSIDE DRIVE

PROPERTY OWNERS NAME

Last: JACKSON First: MARGARET

Applicant Name:	481 RIVERSIDE DRIVE
Mailing Address of Owner/Applicant (if Different)	AUGUSTA, ME 04330

AUGUSTA 3290 TOWN COPY

Date Permit Issued: 8 9 95 $ 60.00 FEE ☐ If Double Fee Charged

Gary R. Fuller
Local Plumbing Inspector Signature

L.P.I. # 850

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

Margaret Jackson 8-8-95
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.

Gary R. Fuller 8/28/95
Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:

1. ☐ NEW SYSTEM
2. ■ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ EXPERIMENTAL SYSTEM

SEASONAL CONVERSION
to be completed by LPI

5. ☐ SYSTEM COMPLIES WITH RULES
6. ☐ CONNECTED TO SANITARY SEWER
7. ☐ SYSTEM INSTALLED - P#_____
8. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED 60'S

THE FAILING SYSTEM IS:
1. ☐ BED 2. ☐ CHAMBER 3. ☐ TRENCH 4. ■ OTHER: CESSPOOL

SIZE OF PROPERTY	ZONING
2 ACRES	RESIDENTIAL

THIS APPLICATION REQUIRES:

1. ■ NO RULE VARIANCE
2. ☐ NEW SYSTEM VARIANCE
   Attach New System Variance Form
3. ☐ REPLACEMENT SYSTEM VARIANCE
   Attach Replacement System Variance Form
   a. ☐ Requiring Local Plumbing Inspector Approval
   b. ☐ Requires State and Local Plumbing Inspector Approval
4. ☐ MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:

1. ■ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

INSTALLATION IS:

COMPLETE SYSTEM
1. ■ NON-ENGINEERED SYSTEM
2. ☐ PRIMITIVE SYSTEM (Includes Alternative Toilet)
3. ☐ ENGINEERED (+2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS
4. ☐ TREATMENT TANK (ONLY)
5. ☐ HOLDING TANK _____ GAL
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY
CITY WATER

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ■ SEPTIC: ■ Regular ☐ Low Profile
2. ☐ AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION
1. ■ NONE
2. ☐ LOW VOLUME TOILET
3. ☐ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET SPECIFY_____

PUMPING
1. ☐ NOT REQUIRED
2. ■ MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. ☐ REQUIRED

DOSE 50 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)

2 BEDROOM

DESIGN FLOW: 180 GALLONS/DAY

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	C

DEPTH TO LIMITING FACTOR: 15

SIZE RATINGS USED FOR DESIGN PURPOSES
1. ☐ SMALL
2. ☐ MEDIUM
3. ■ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA-LARGE

DISPOSAL AREA TYPE/SIZE
1. ■ BED 750 Sq Ft
2. ☐ CHAMBER _____ Sq Ft
   ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

On JULY 7, 1995 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system that I propose is in accordance with the Subsurface Wastewater Disposal Rules.

WILLIAM P BROWN William P Brown
Site Evaluator Signature

188
SE#

7/7/95
Date

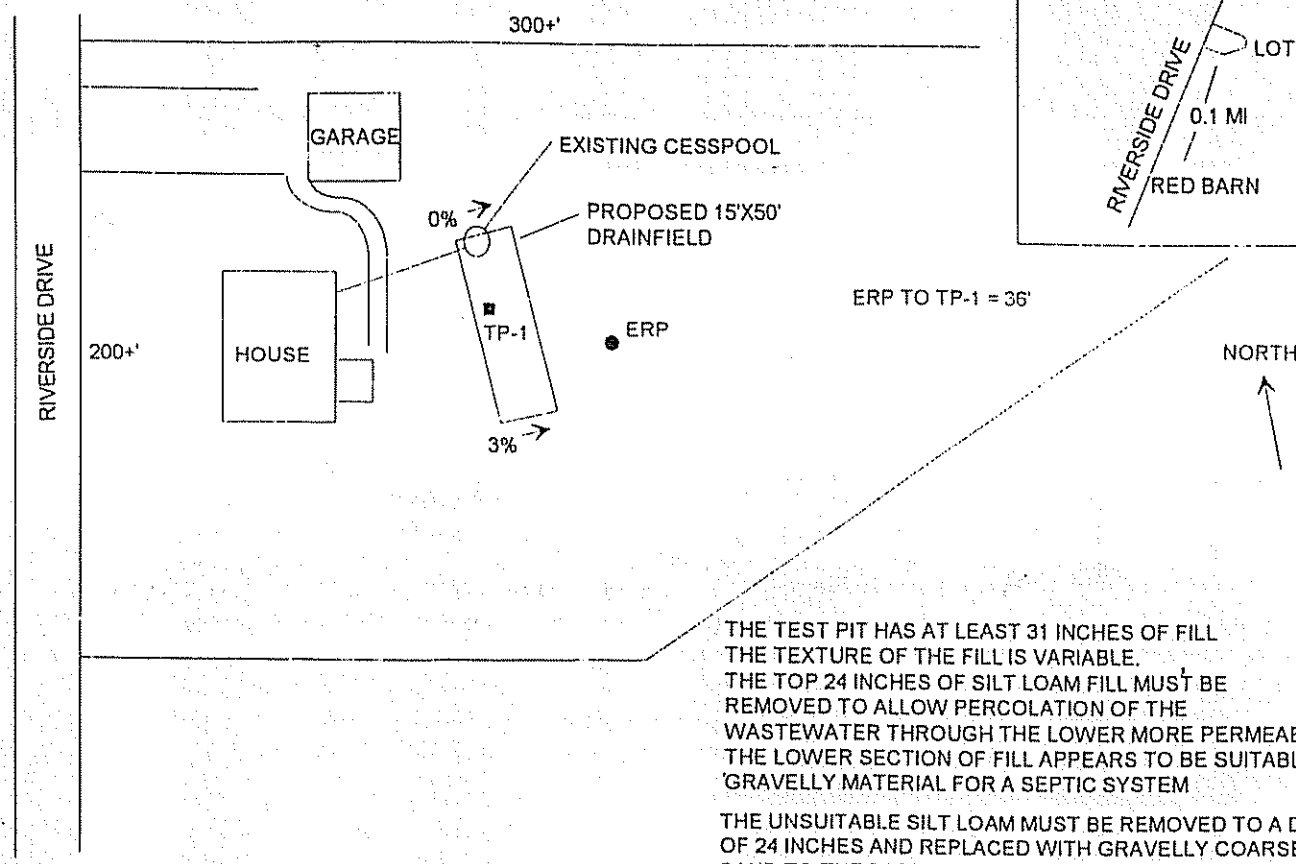
(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

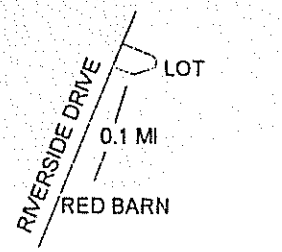
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	RIVERSIDE DRIVE	MARGARET JACKSON

SITE PLAN — Scale 1" = 50' Ft.



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



THE TEST PIT HAS AT LEAST 31 INCHES OF FILL
THE TEXTURE OF THE FILL IS VARIABLE.
THE TOP 24 INCHES OF SILT LOAM FILL MUST BE REMOVED TO ALLOW PERCOLATION OF THE WASTEWATER THROUGH THE LOWER MORE PERMEABLE SOILS
THE LOWER SECTION OF FILL APPEARS TO BE SUITABLE 'GRAVELLY MATERIAL FOR A SEPTIC SYSTEM

THE UNSUITABLE SILT LOAM MUST BE REMOVED TO A DEPTH OF 24 INCHES AND REPLACED WITH GRAVELLY COARSE SAND TO THE BOTTOM OF THE DISPOSAL SYSTEM

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

Observation Hole TP-1 ■ Test Pit ☐ Boring

1 ' Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistancy	Color	Mottling
0	SANDY LOAM FILL	FRIABLE	MEDIUM BROWN	
6				
10	SILT LOAM FILL	FIRM	OLIVE BRN	
15				
20	SANDY LOAM FILL	FRIABLE	YELLOW BROWN	
30				
	SANDY LOAM		MEDIUM BROWN	NONE
40			ORANGE BROWN	
				COMMON
50				

Soil	Classification	Slope	Limiting Factor	
3 (Profile)	C (Condition)	0-3 %	15 '	■ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ ' Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Depth	Texture	Consistancy	Color	Mottling
0				
6				
10				
15				
20				
30				
40				
50				

Soil	Classification	Slope	Limiting Factor	
(Profile)	(Condition)	%	'	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

WILLIAM P BROWN — Site Evaluator Signature
188 — SE #
7/8/95 — Date

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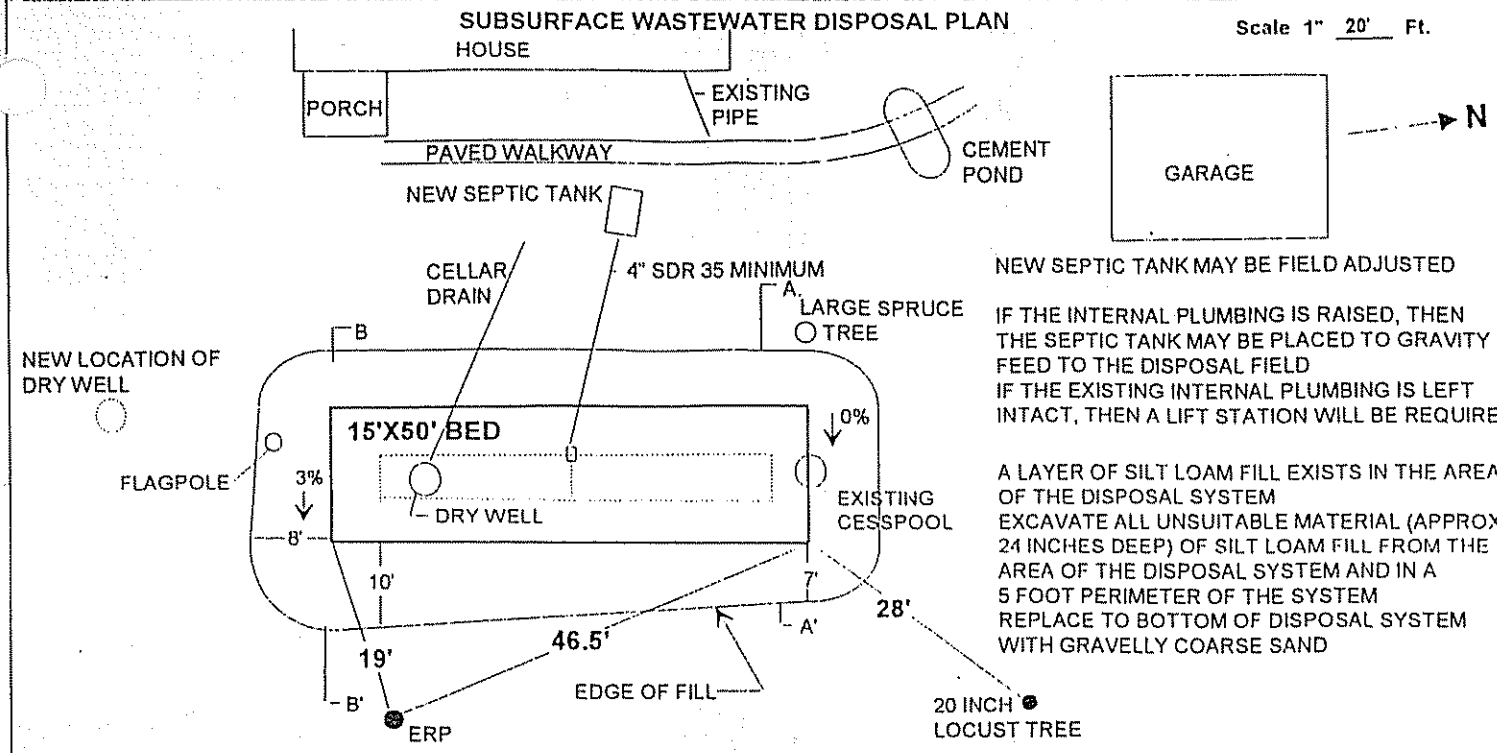
AUGUSTA	RIVERSIDE DRIVE	MARGARET JACKSON

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" 20' Ft.



NEW SEPTIC TANK MAY BE FIELD ADJUSTED

IF THE INTERNAL PLUMBING IS RAISED, THEN THE SEPTIC TANK MAY BE PLACED TO GRAVITY FEED TO THE DISPOSAL FIELD
IF THE EXISTING INTERNAL PLUMBING IS LEFT INTACT, THEN A LIFT STATION WILL BE REQUIRED

A LAYER OF SILT LOAM FILL EXISTS IN THE AREA OF THE DISPOSAL SYSTEM
EXCAVATE ALL UNSUITABLE MATERIAL (APPROX. 24 INCHES DEEP) OF SILT LOAM FILL FROM THE AREA OF THE DISPOSAL SYSTEM AND IN A 5 FOOT PERIMETER OF THE SYSTEM
REPLACE TO BOTTOM OF DISPOSAL SYSTEM WITH GRAVELLY COARSE SAND

PROTECT SHRUBS AND TREES DURING CONSTRUCTION

PUMP OUT EXISTING CESSPOOL AND FILL WITH GRAVELLY COARSE SAND

RELOCATE DRY WELL FOR CELLAR SUMP PUMP TO NEW LOCATION

IF LIFT STATION IS USED, INSTALL 2 INCH VENT TO NEARBY TREE OR SHRUB FROM DISPOSAL SYSTEM

FILL REQUIREMENTS

Depth of Fill (Upslope)	10-12 "
Depth of Fill (Downslope)	10-17 "

CONSTRUCTION ELEVATIONS

Reference Elevation is	00"
Bottom of Disposal Area	-47"
Top of distribution Lines or Chambers	-36"

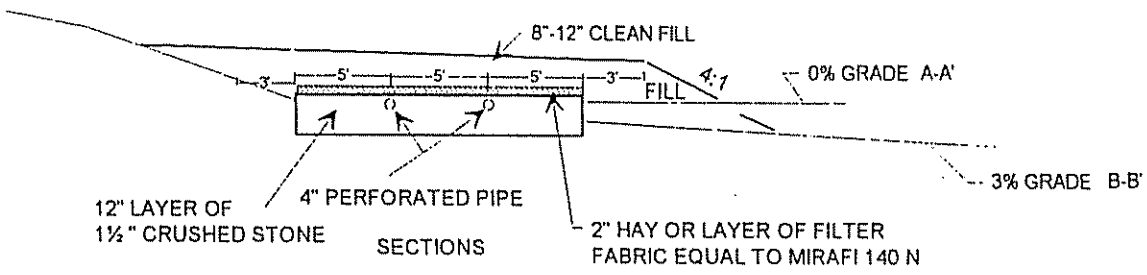
ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

FLAGGED NAIL IN 20 INCH ASH TREE, 3 FEET ABOVE GROUND

DISPOSAL AREA CROSS SECTION

Scale:

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



EXCAVATE ALL UNSUITABLE SILT LOAM FILL (APPROX 24 INCHES) FROM DISPOSAL AREA AND IN A 5 FOOT PERIMETER OF SYSTEM
REPLACE WITH GRAVELLY COARSE SAND TO BOTTOM OF SYSTEM
ALL FILL SHALL BE GRAVELLY COARSE SAND
CROWN FINISH GRADE FROM CENTER AT 3%
OR SLOPE ALL ONE-WAY (AS SHOWN)
LOAM, SEED, MULCH

ADDITIONAL FILL MAY BE ADDED TO INCREASE FILL EXTENSION TO 6:1 GRADE AT HOMEOWNER'S DISCRETION

WILLIAM P BROWN	188	7/8/95
Site Evaluator Signature	SE #	Date