PIF 5/7/15

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Div of Environmental Health , 11 SHS
(207) 287-5672 Fax: (207) 287-4172

>> CAUTION: LPI APPROVAL REQUIRED <<

AUGUSTA PERMIT #7052 TOWN COPY
Date Permit Issued: / /
$ 150.00 fee
15.00
LPI # 850

PROPERTY LOCATION

City, Town, or Plantation	AUGUSTA
Street or Road	626 RIVERSIDE DRIVE
Subdivision, Lot #	52/L2

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	HUARD, JEFFREY ☒ Owner ☐ Applicant
Mailing Address of Owner/Applicant	626 RIVERSIDE DRIVE AUGUSTA, ME 04330
Daytime Tel. #	207 314 5596

OWNER OR APPLICANT STATEMENT
I state and acknowledge 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 5-7-15

CAUTION: INSPECTION REQUIRED
I have inspected the installation authoirzed above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.
(1st) date approved
Local Plumbing Inspector Signature — (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION
- ☐ 1. First Time System
- ☒ 2. Replacement System
  - Type replaced: TRENCH
  - Year installed: 1970 ±
- ☐ 3. Expanded System
  - ☐ a. <25% Expansion
  - ☐ b. >25% Expansion
- ☐ 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 Permit

DISPOSAL SYSTEM COMPONENTS
- ☐ 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
1.09 ☐ 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)

Current Use ☐ Seasonal ☒ Year Round ☐ Undeveloped

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 EXISTING
- ☒ 1. Concrete INSTALLED
  - ☒ a. Regular IN 2000 ±
  - ☐ b. Low Profile SQUEEZE USE
- ☐ 2. Plastic (IN) GOOD CONDITION
- ☐ 3. Other: ____
- CAPACITY: 1000 GAL.

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: 891 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT
☒ 1. No ☐ 2. Yes ☐ 3. Maybe
If Yes or Maybe, 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 4A (dwelling unit(s))
- ☐ 2. Table 4C(other facilities)
  SHOW CALCULATIONS for other facilites
- ☐ 3. Section 4G (meter readings)
  ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION 1
3 / C
at Observation Hole # TP1
Depth 29 "
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING
- ☐ 1. Medium---2.6 sq. ft. / gpd
- ☒ 2. Medium---Large 3.3 sq. ft / gpd
- ☐ 3. Large---4.1 sq. ft. / gpd
- ☐ 4. Extra Large---5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP
- ☒ 1. Not Required
- ☐ 2. May Be Required
- ☐ 3. Required

Specify only for engineered systems:
DOSE: ____ gallons

LATITUDE AND LONGITUDE
at center of disposal area
Lat. N44 d 21 m 19.6 s
Long. W69 d 44 m 37.0 s
if g.p.s, state margin of error: 14'

SITE EVALUATOR STATEMENT

I certify that on 4/20/15 (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).

Site Evaluator Signature — 168 SE # — 4/21/15 Date

TOM W. LORD JR. Site Evaluator Name Printed — 207 445 3402 Telephone Number — TWLORDJR@GMAIL.COM E-mail Address

Note : Changes to or deviations from the design should be confirmed with the Site Evaluator.
DESIGN SUBJECT TO LOCAL, STATE + FEDERAL ORDINANCES.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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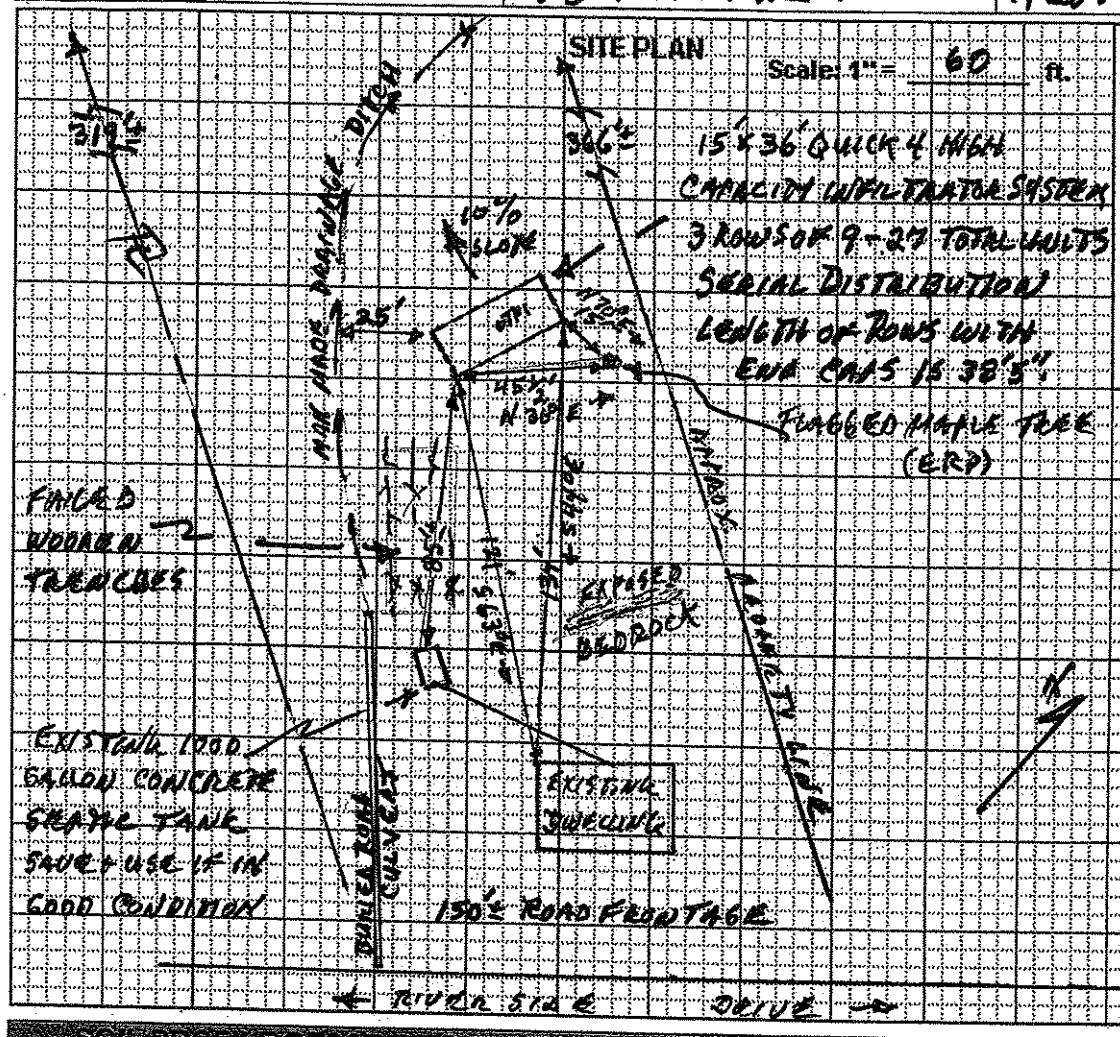
Division of Environmental Health, STS 11
(207) 287-5338 FAX (207) 287-3165

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	626 RIVERSIDE DRIVE	JEFFREY HUARD

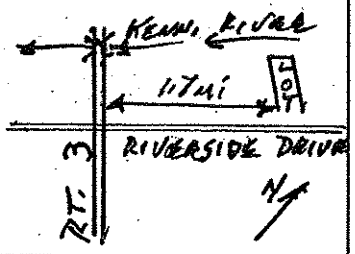
SITE PLAN

Scale: 1" = 60 ft.



SITE LOCATION MAP

(Attach Map From Maine Atlas for First Time System Variance)



SOIL PROFILE DESCRIPTION AND CLASSIFICATION

(Location of observation holes shown above)

Observation Hole # TP1 ☒ Test Pit ☐ Boring

ONE " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	LOAM		10YR 3/4	
6–12			10YR 4/6	
12–18	SANDY	FRIABLE		
18–24			5Y 5/6	
24–30	LOAM			
30–36		FIRM	5Y 4/4	COMMON FAINT
36–42				
42–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	C	10	29	☐ Groundwater ☒ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____ " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6				
6–12				
12–18				
18–24				
24–30				
30–36				
36–42				
42–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
				☐ Groundwater ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature

168
SE #

4/23/15
Date

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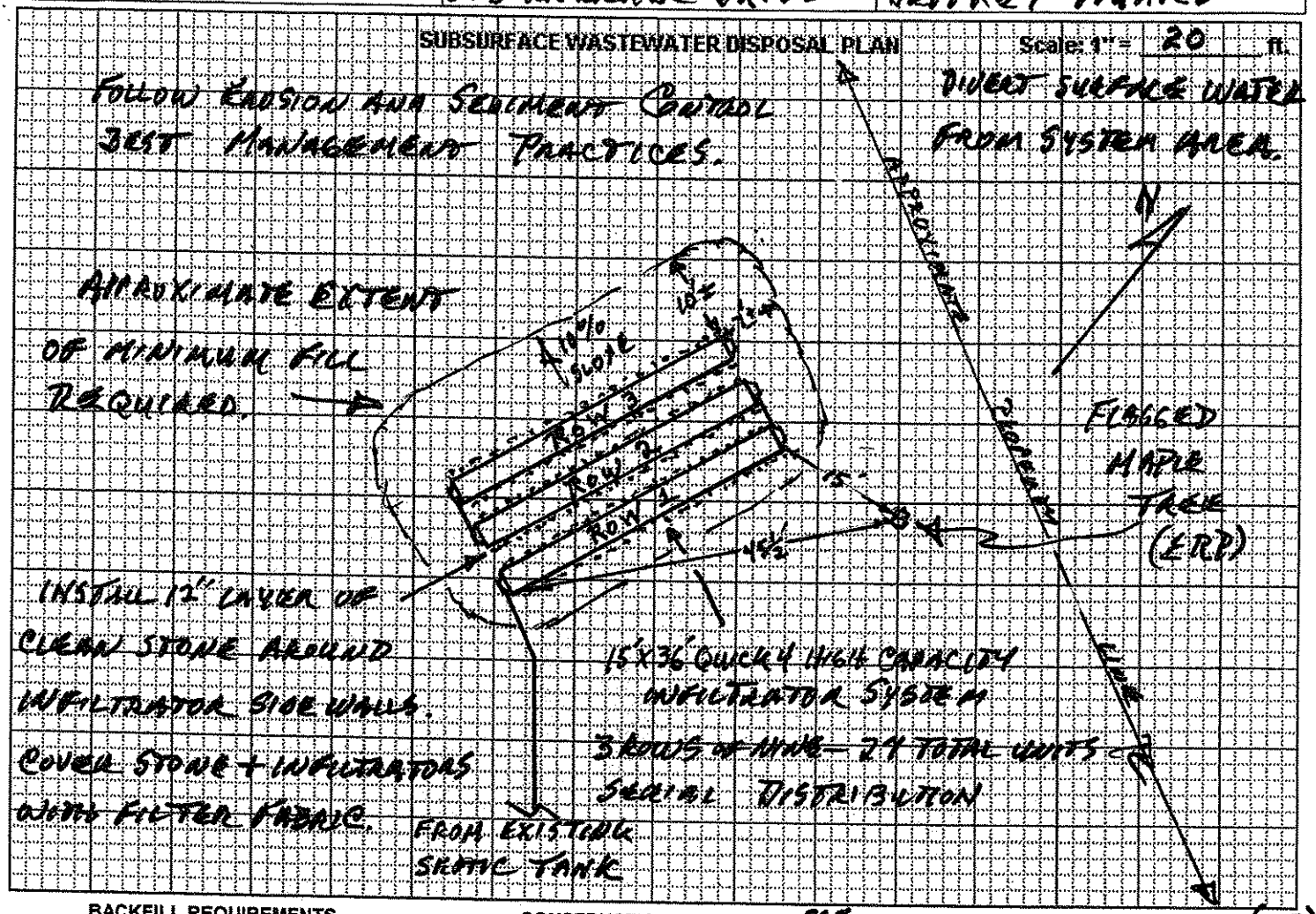
(207) 287-5338 FAX (207) 287-3165

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	676 RIVERSIDE DRIVE	JEFFREY HUARD

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



BACKFILL REQUIREMENTS

Depth of Backfill (upslope) 7 "
Depth of Backfill (downslope) 11± "
DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS SEE ATTACHED DRAWING AND BELOW.

Finished Grade Elevation ____"
Top of Distribution Pipe or Proprietary Device ____"
Bottom of Disposal Field ____"

ELEVATION REFERENCE POINT (ERP)

Location & Description: FLAGGED NAIL IN MAPLE TREE 12" ABOVE GRADE AT TREE.

Reference Elevation is: 0.0" or ____

DISPOSAL FIELD CROSS-SECTION

Scales:
Vertical: 1" = N/A ft.
Horizontal: 1" = N/A ft.

CONSTRUCTION ELEVATIONS:

	Bottom of Infiltrator	Top of Infiltrator	Finished Grade
Row 1	-42"	-26"	-18"
Row 2	-51"	-35"	-27"
Row 3	-60"	-44"	-36"

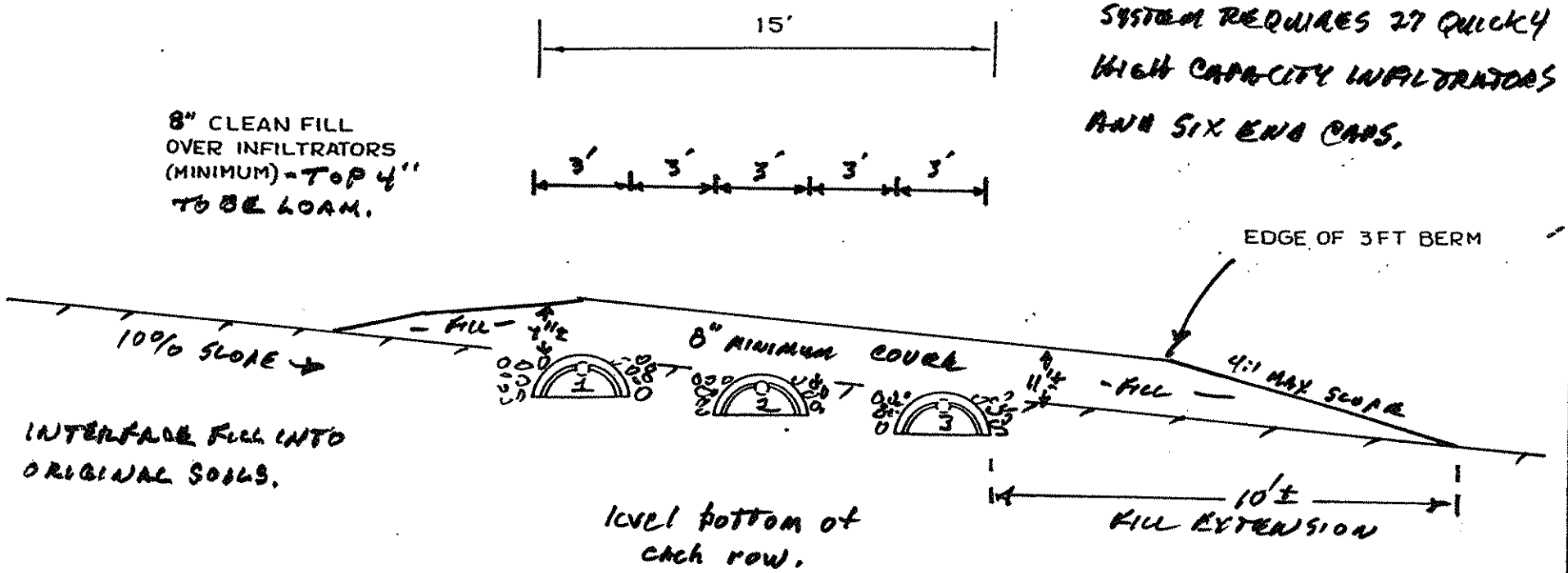
Site Evaluator Signature

168
SE #

4/23/15
Date

INFILTRATOR CROSS SECTION 9-10%

SYSTEM REQUIRES 27 QUICK 4 HIGH CAPACITY INFILTRATORS AND SIX END CAPS.



NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS.
2. BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.
4. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

ORIGINAL GRADE

FILL UNDER INFILTRATORS TO BE 6" INTERFACE OF GRAVELLY COARSE SAND INTO ORIGINAL SOILS TEXTURE.

FILL AROUND INFILTRATORS TO BE 12" CLEAN STONE THEN GRAVELLY COARSE SAND TEXTURE.

SITE EVALUATOR: John W Lord Jr SE#168			
OWNER: JEFFREY HUARD	NUMBER OF INFILTRATORS: 3 ROWS OF 9 27	PERCENT SLOPE: 10	
LOCATION: AUGUSTA	ELEVATIONS: REFERENCE PT. 0	BOTTOM TRENCH #1 -42"	
DATE: 4/23/15	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -51"	BOTTOM TRENCH #3 -60"

pg 4 of 4