~~AR~~ COPY 8/12/14

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, Plantation: AUGUSTA

Street or Road: 15 HESCOCK ST.

Subdivision, Lot #: MSL 116B

>> CAUTION: LPI APPROVAL REQUIRED <<

AUGUSTA PERMIT #6973 TOWN COPY

Date Permit Issued: 8/7/14 $ 250.00 fee (5.00) ate

Gary R Fuller LPI # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI): DUNCAN, RICHARD ☒ Owner ☐ Applicant

Mailing Address of Owner/Applicant: % 145 Hannaford Hill Rd. VASSALBORO, ME 04989

Daytime Tel. #: 485-4481

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: [signature] Date: 8/7/14

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: [signature] (1st) date approved: 10/7/14 (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

☒ 1. First Time System
☐ 2. Replacement System
Type replaced: ____
Year installed: ____
☐ 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

1.3± ☐ 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

Proposed? ☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
☐ 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

☒ 1. Concrete
☒ a. Regular
☐ b. Low Profile
☐ 2. Plastic
☐ 3. Other: ____
CAPACITY: 1,000 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: 700 ☒ 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
5 B
at Observation Hole # 7A-1
Depth >48"
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

☒ Not Required
☐ May Be Required
☐ Required
Specify only for engineered systems:
DOSE: ____ gallons

LATITUDE AND LONGITUDE

at center of disposal area
Lat. 44 d 21 m 01.9 s
Lon. 69 d 48 m 15.9 s
if g.p.s, state margin of error: +/-10'

SITE EVALUATOR STATEMENT

I certify that on 7-23-14 (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: [signature] SE #: 257 Date: 7-28-14

Site Evaluator Name Printed: STEPHEN A. DOWN Telephone Number: 207-557-0793 E-mail Address: stevedown123@gmail.com

Note : Changes to or deviations from the design should be confirmed with the Site Evaluator.

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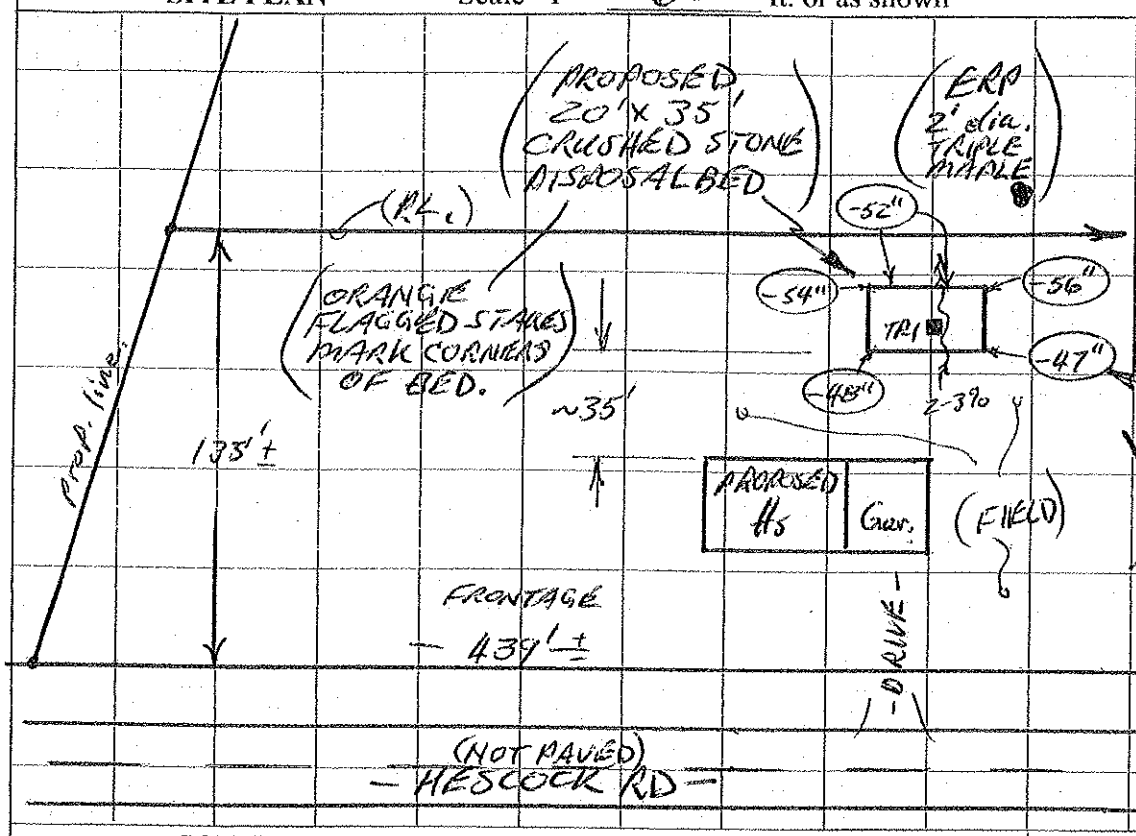
Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation: AUGUSTA

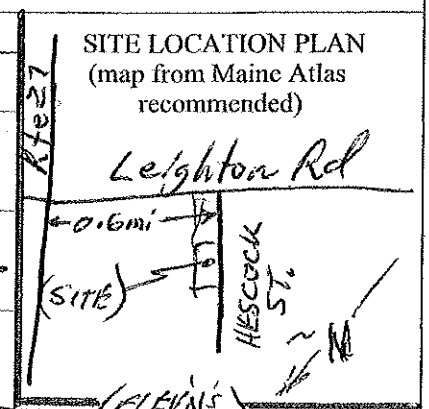
Street, Road, Subdivision: HESCOCK ST.

Owner's Name: RICHARD DUNCAN

SITE PLAN Scale 1" = 60' 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 ☒ 48" Test Pit ☒ 54" Boring

2"± " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0	LOAMY FINE SAND	FRIABLE	BROWN	NONE EVIDENT
10	SLIGHTLY SILTY FINE SAND		REDDISH BROWN	
20	SLIGHTLY SILTY TO CLEAN FINE TO MEDIUM GRAIN SAND		LIGHT BROWN TO YELLOW BROWN	
30				
40				
54"				

(TOTAL HOLE DEPTH)

Soil Classification	Slope	Limiting Factor	
5 B (Profile, Condition)	~2-3 %	>48"	[ ] Ground Water [ ] Restrictive Layer [ ] Bedrock [X] Pit Depth

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

GENERAL NOTES:

LOCATE WELLS 100 FT. MIN. DIST. FROM THE DISPOSAL SYSTEM; 50 FT. FROM THE SEPTIC TANK, IF OF MONOLITHIC CONSTRUCTION.

MAINTAIN 20 FT. MIN. DIST. BETWEEN THE STONE BED OR PROPRIETARY DEVICE & THE DWELLING, 15 FT. TO ABOVE GROUND CONSTRUCTION (SLAB OR SLAB & FROST WALL CONSTRUCTION).

INSTALL SEPTIC TANK AT LEAST 8 FT. FROM THE DWELLING.

Soil Classification	Slope	Limiting Factor	
_____ _____ (Profile, Condition)	_____ %	_____ "	[ ] Ground Water [ ] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Stephen A. Brown — Site Evaluator Signature

257 — SE #

7-28-14 — Date

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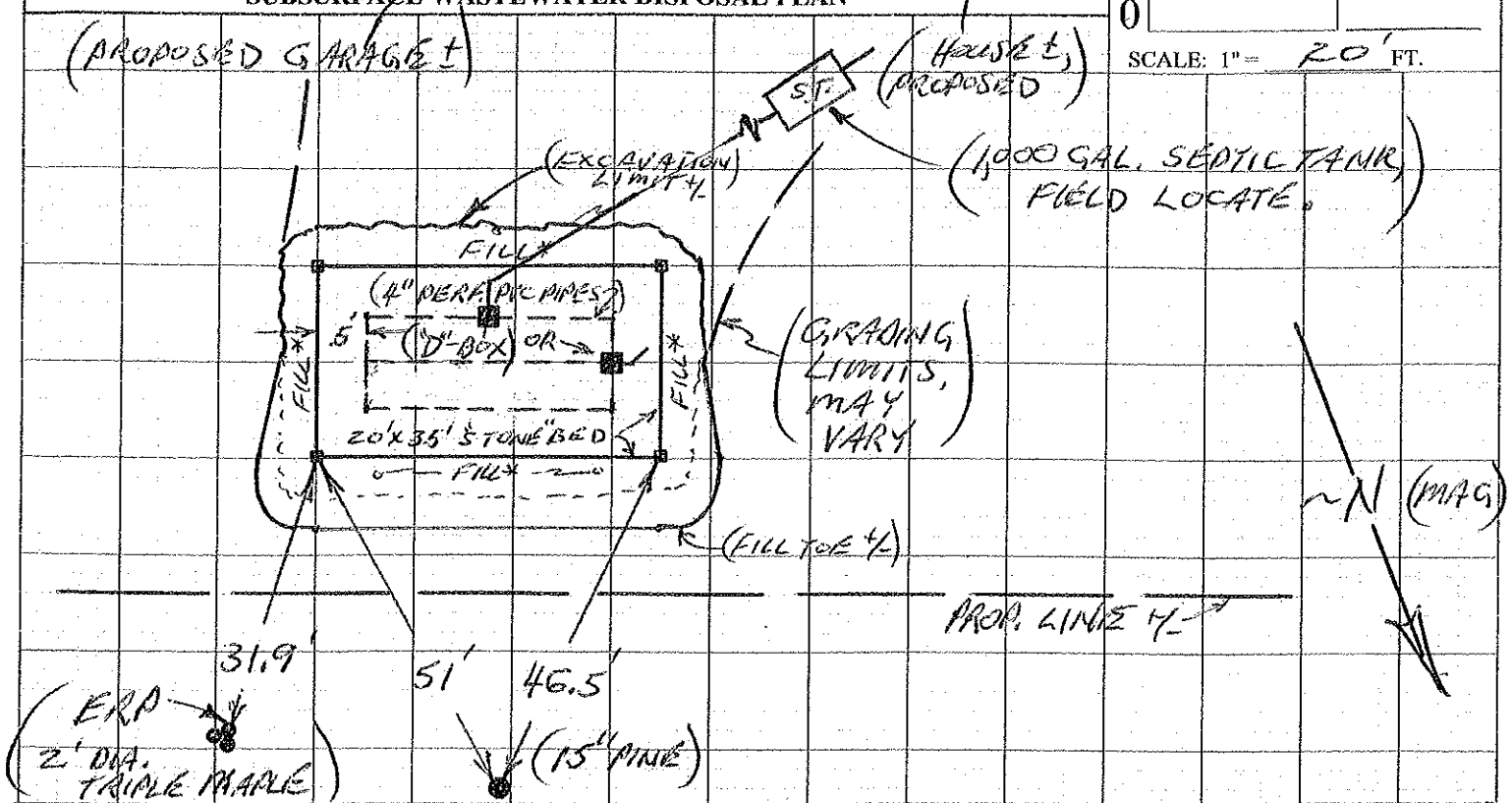
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
AUGUSTA	HESCOCK ST	RICHARD DUNCAN

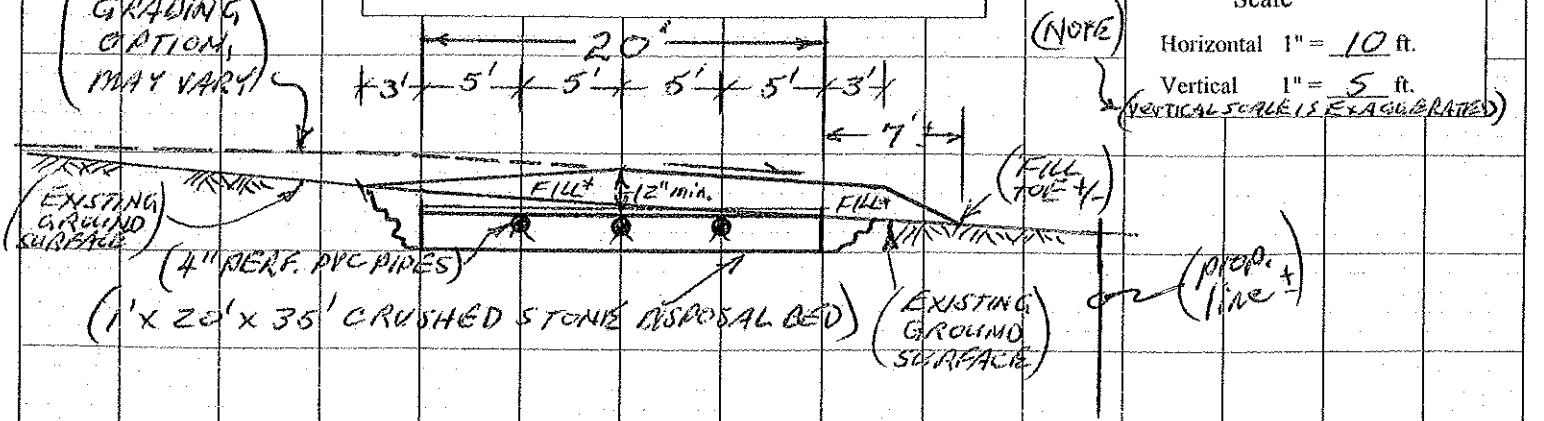
SUBSURFACE WASTEWATER DISPOSAL PLAN

0 SCALE: 1" = 20' FT.



FILL REQUIREMENTS (AT EDGE OF STONE BED)	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT = ERP.
Depth of Fill (Upslope) 30" ±	Finished Grade Elevation (AT TOP OF BED) -46" ±	ORANGE FLAGGED NAIL IN 2' dia. TRIPLE MAPLE, ABOUT 7' ABOVE GROUND = 0" = ERP.
Depth of Fill (Downslope) 20" ±	Top of Distribution Pipe ~~or Proprietary Device~~ (N/A) -69"	
	Bottom of Disposal Area (Bottom of Stone) -70"	

DISPOSAL AREA CROSS SECTION



Scale
Horizontal 1" = 10 ft.
Vertical 1" = 5 ft.
(VERTICAL SCALE IS EXAGGERATED)

CONSTRUCTION TO COMPLY WITH 'THE CODE', 10-144 CMR 241.
REMOVE STUMPS, VEG., DUFF & PREPARE SURFACE BELOW FILL AREA PER SECT. 11-B OF THE CODE
PLACE FILTER FABRIC OR 2" COMPRESSED HAY ON 12" LAYER OF 1-1/2" CLEAN CRUSHED STONE.
*FILL: COARSE GRAVELLY SAND PER SECTION 11-E OF THE CODE.
GRADING LIMITS MAY VARY TO PROVIDE COVER FOR THE EFFLUENT LINE & AVOID A MOUND APPEARANCE.
MAINTAIN A MINIMUM 3% GRADE OVER THE BED, EXTENDING 3 FT. BEYOND EACH EDGE.
PROVIDE FOR SURFACE RUNOFF & DRAINAGE AWAY FROM THE DISPOSAL AREA.
LOAM (4" MINIMUM), SEED AND MULCH ALL DISTURBED AREAS.

Stephen A. Down 257 7-28-14
Site Evaluator Signature STEPHEN DOWN SE # 557-0793 Date