PF 6/18/13

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Div of Environmental Health . 11 SHS
1172

$15/$250

AUGUSTA PERMIT #6807 TOWN COPY
Date Permit Issued: 6/18/13 $ 265.00 fee
LPI # 1137

PROPERTY LOCATION

City, Town, or Plantation	AUGUSTA
Street or Road	457 EASTERN AVE.
Subdivision, Lot #	

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	KINGS MEN CONSTRUCTION LLC ☒ Owner ☐ Applicant
Mailing Address of Owner/Applicant	28 DENNIS KALLER P.O. BOX 4697 AUGUSTA, ME 04330
Daytime Tel. #	207 623 3344

Municipal Tax Map # 11 Lot # 134+135

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 6/18/13

CAUTION: INSPECTION REQUIRED
I have inspected the installation authoirzed above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature — (1st) date approved 7/15/13 — (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION
- ☐ 1. First Time System
- ☒ 2. Replacement System
  - Type replaced: FIBERGLASS TANK + TRENCH
  - Year installed: 1970s
- ☐ 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
3.82 ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING
☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE
- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 2
- ☐ 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
- ☒ 1. Concrete
  - ☒ a. Regular
  - ☐ b. Low Profile
- ☐ 2. Plastic
- ☐ 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: 594 ☒ 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
180 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
12/3 / C
at Observation Hole # TP1
Depth 30"
of Most Limiting Soil Factor
IN EXISTING OLD FILL

DISPOSAL FIELD SIZING
- ☐ 1. Medium---2.6 sq. ft. / gpd
- ☒ 2. Medium---Large 3.3 sq. f.t / 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 17 m 56.5 s
Lon. W69 d 43 m 53.1 s
if g.p.s, state margin of error: 12'

SITE EVALUATOR STATEMENT

I certify that on 6/13/13 (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 #	6/17/13 Date
JOHN W LORD, JR. Site Evaluator Name Printed	207 445 3402 Telephone Number	JWLOMAX@FAIRPOINT.NET 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.

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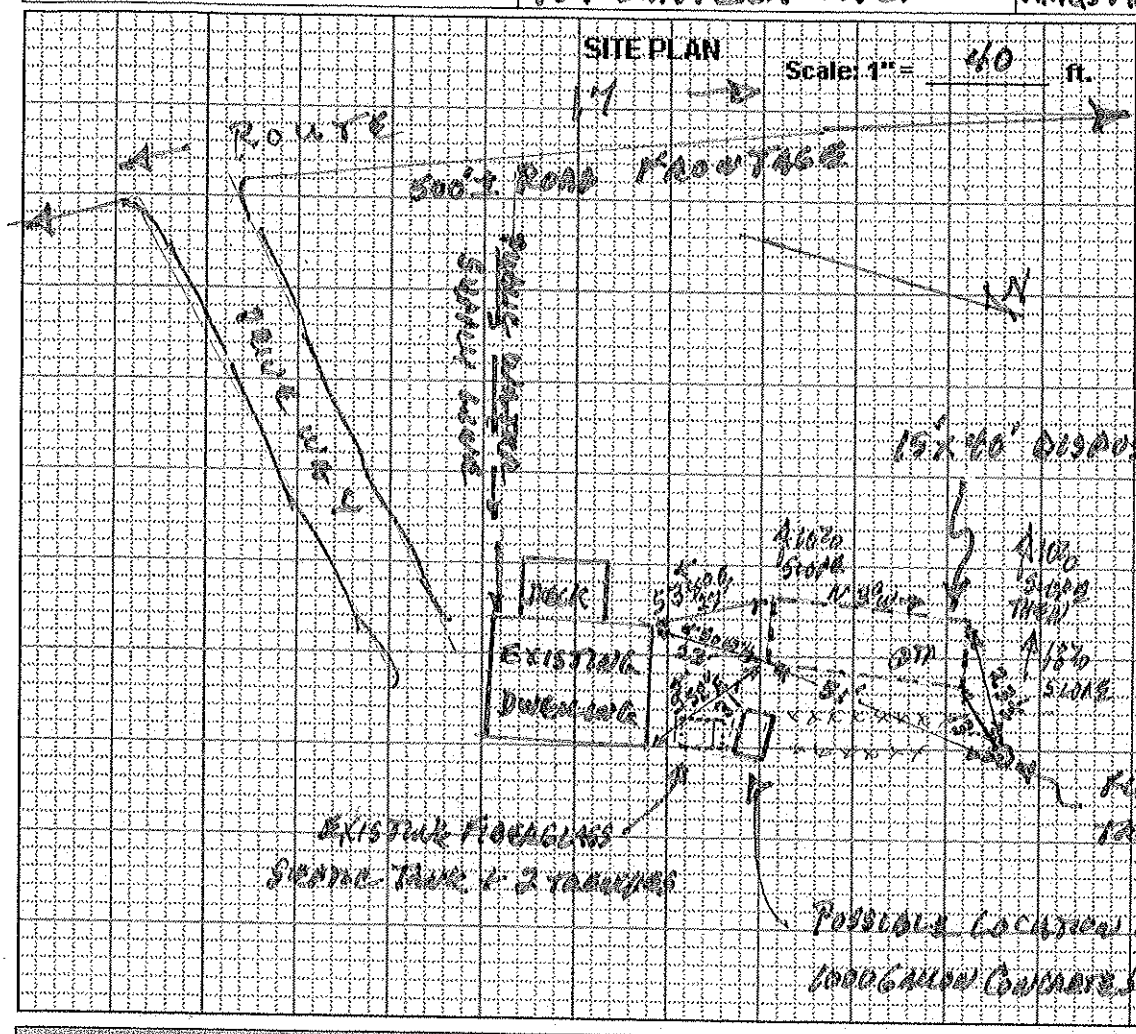
Division of Environmental Health, STS 11
(207) 287-5338 FAX (207) 287-3165

Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
AUGUSTA	457 EASTERN AVE.	KINGSMEN CONSTRUCTION LLC

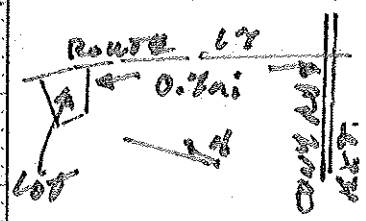
SITE PLAN

Scale: 1" = 40 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

OAK " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	OLD GRAVELLY FILL	LOOSE	MIXED	
6–12				
12–18	LOAM		10YR 4/3	
18–24	FINE	FRIABLE	10YR 4/6	
24–30	SAND			
30–36	LOAM			COMMON
36–42		FIRM	2.5Y 5/3	DISTINCT
42–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
12/3	C	10TO18	30	☒ 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 #

6/12/13
Date

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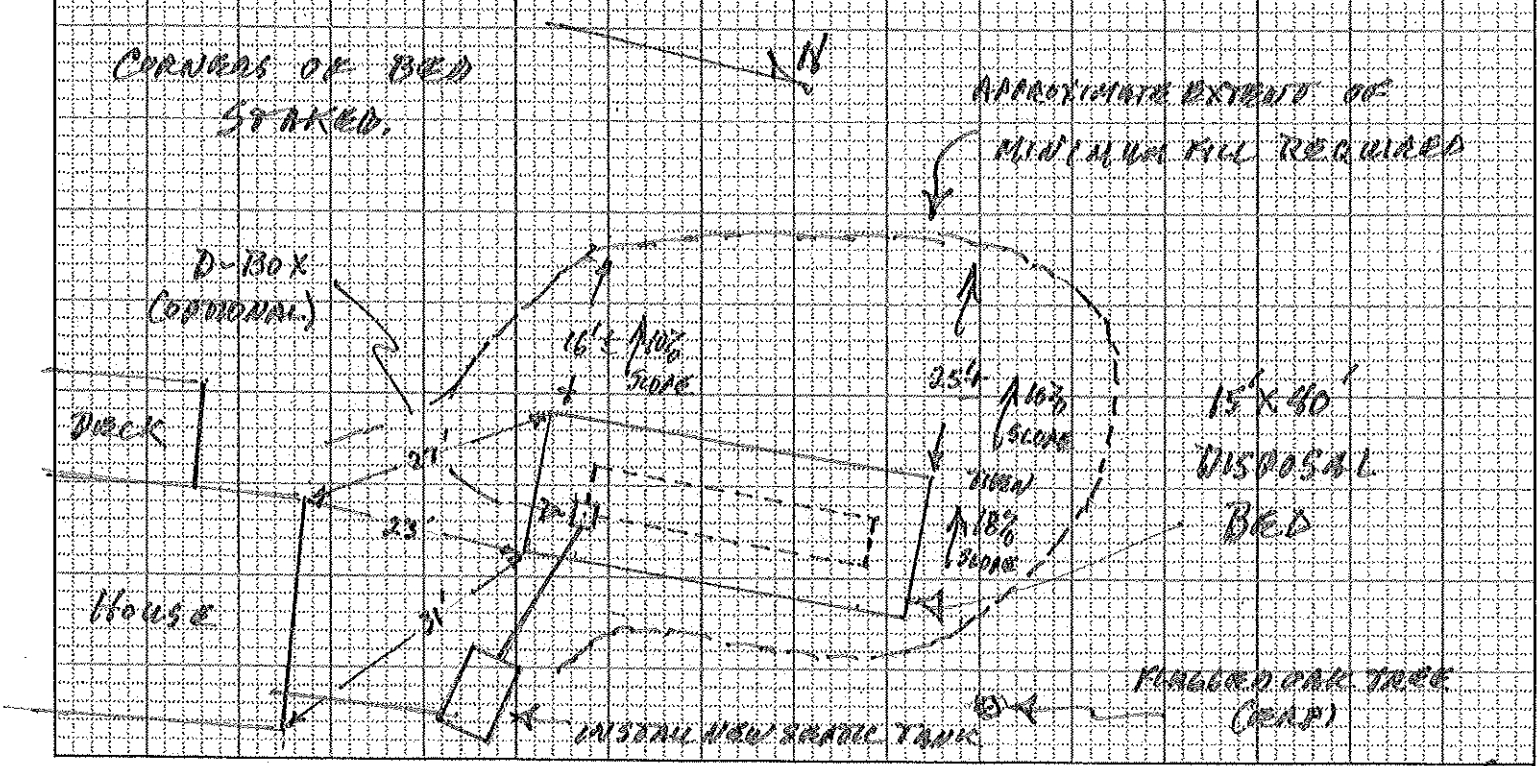
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.

FOLLOW EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES.

DIVERT SURFACE WATER FROM SYSTEM AREA.



BACKFILL REQUIREMENTS

Depth of Backfill (upslope) 6"

Depth of Backfill (downslope) 24" + 40" ±

DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation -36"

Top of Distribution Pipe ~~or Proprietary Device~~ -49"

Bottom of Disposal Field -60"

ELEVATION REFERENCE POINT (ERP)

Location & Description: FLAGGED NAIL IN OAK TREE 30" 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.

(SEE ATTACHED BED DIAGRAM)

[signature] Site Evaluator Signature

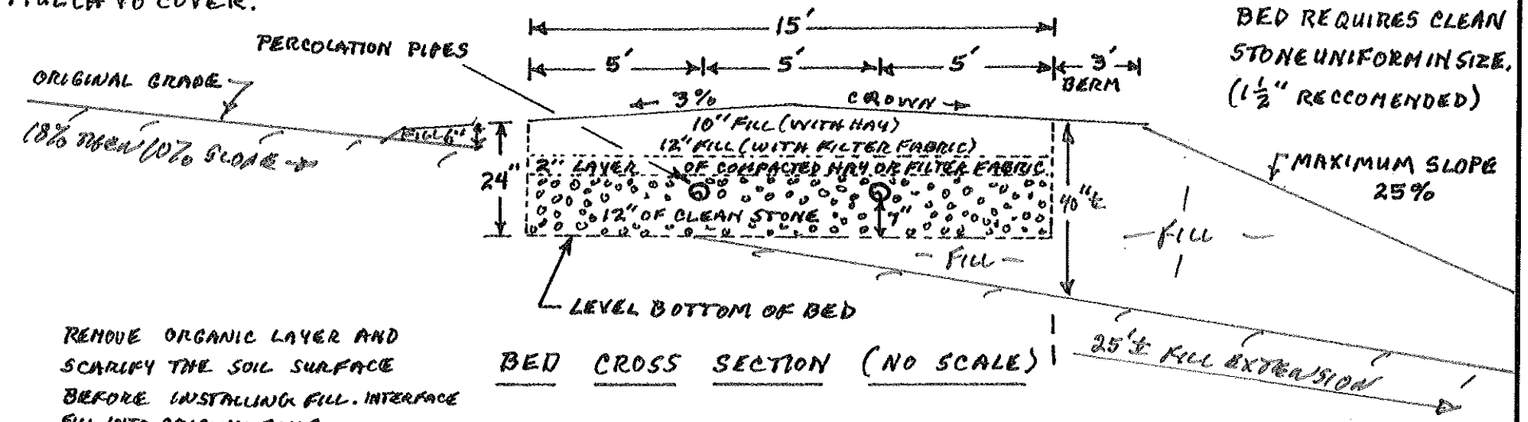
168 SE #

6/17/13 Date

• SEWAGE DISPOSAL BED DETAILS •

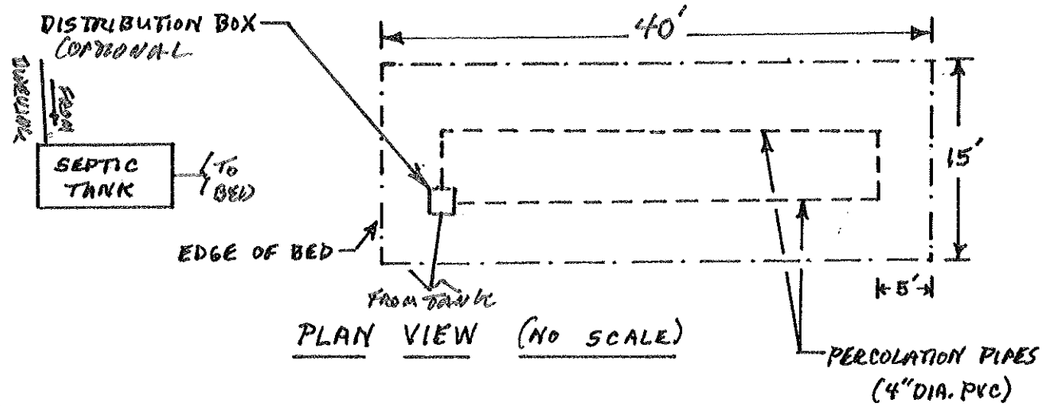
4" LOAM AND MULCH TO COVER.

BED REQUIRES CLEAN STONE UNIFORM IN SIZE. ($1\frac{1}{2}$" RECCOMENDED)



REMOVE ORGANIC LAYER AND SCARIFY THE SOIL SURFACE BEFORE INSTALLING FILL. INTERFACE FILL INTO ORIGINAL SOILS.

BED CROSS SECTION (NO SCALE)



PLAN VIEW (NO SCALE)

NOTES

1.) 6 INCHES OF FILL IS REQUIRED AT UPHILL SIDE OF BED.
2.) TEXTURE OF FILL SHALL BE GRAVELLY COARSE SAND.
3.) REFER TO MAINE SUBSURFACE WASTE WATER DISPOSAL RULES FOR FURTHER DETAILS REGARDING INSTALLATION PROCEDURES.

FOR: Kurts New Construction LLC

DATE: 6/17/13

BY: JOHN W. LORD, JR. S.E. #168

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3/00