SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 FAX (207) 287-3165

PROPERTY LOCATION

City, Town, or Plantation	LAMOINE
Street or Road	SEAL POINT ROAD
Subdivision, Lot #	

OWNER/APPLICANT INFORMATION

Name (last, first, MI): ATKINS, ALICE — ■ Owner ☐ Applicant

Mailing Address of ■ Owner ☐ Applicant: 3 OLD SLOOP LANE, BATH, MAINE 04530

Daytime Tel. #: 207-319-0416

>> Caution: Permit Required -- Attach in Space Below <<

TOWN: LAMOINE PERMIT # 1766

DATE PERMIT ISSUED: 7-8-2015

The Subsurface Wastewater Disposal System shall not be installed until a Permit is attached HERE by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.

FEE: 250.00 + 15.00
Millard Billings LPI # 820
LPI STATE

Municipal Tax Map # 5 Lot # 19

Owner or Applicant 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 permit.

Alice E. Atkins — Signature of Owner or Applicant
7/31/15 — Date

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with 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: _____
Year Installed: _____
3. ■ Expanded System
   a. ☐ Minor Expansion
   b. ■ Major Expansion
4. ☐ Experimental System
5. ☐ Seasonal Conversion

SIZE OF PROPERTY
_____ ☐ sq. ft.
30± ■ acres

SHORELAND ZONING
■ Yes ☐ No

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 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

DISPOSAL SYSTEM COMPONENT(S)
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

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
   c. ☐ With in-tank lift station
2. ☐ Plastic
3. ☐ Other: _____
CAPACITY 1000 gallons

SOIL DATA & DESIGN CLASS
PROFILE CONDITION DESIGN
7 | C | 1 | 1
at Observation Hole # 1
Depth 18 "
OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD TYPE & SIZE
1. ☐ Stone Bed 2. ☐ Stone Trench
3. ■ Proprietary Device 8 SIDE FEED CONCRETE CHAMBERS
   a. ☐ Cluster Array c. ■ Linear
   b. ☐ Regular load d. ☐ H-20 load
4. ☐ Other: _____
SIZE 616 ■ sq. ft. ☐ lin. ft.

DISPOSAL FIELD SIZING
1. ☐ Small – 2.0 sq. ft./gpd
2. ☐ Medium -- 2.6 sq. ft./gpd
3. ■ Medium-Large -- 3.3 sq. ft./gpd
4. ☐ Large – 4.1 sq. ft./gpd
5. ☐ Extra Large – 5.0 sq. ft./gpd

GARBAGE DISPOSAL UNIT
1. ■ No 3. ☐ Maybe
2. ☐ Yes >> Specify one below:
   a. ☐ Multi-compartment Tank
   b. ☐ ____ Tanks in Series
   c. ☐ Increase in Tank Capacity
   d. ■ Filter on Tank Outlet

PUMPING
1. ■ Not Required
2. ☐ May be Required
3. ☐ Required
Specify only for engineered or experimental systems:
DOSE _____ gallons

DESIGN FLOW
180 gallons per day
BASED ON
1. ■ Table 501.1 (dwelling unit(s)
2. ☐ Table 501.2 (other facilities)
SHOW CALCULATIONS for other facilities

3. ☐ Section 503.0 (meter readings)
ATTACH WATER-METER RECORDS

Lat. 44° d 29' m 34" s N
Lon. 68° d 16' m 02" s W
if g.p.s. state margin of error TOPO MAP

SITE EVALUATOR STATEMENT

I certify that on 6/26/15 (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)

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

Teresa L. Davis — Site Evaluator Signature
203 — SE#
6/29/15 — Date
TERESA DAVIS — Site Evaluator Name Printed
207-537-3432 — Telephone #
tld7246@gmail.com — E-mail Address

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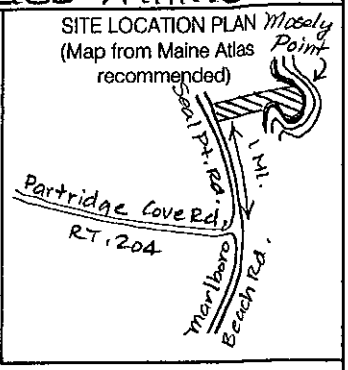
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
LAMOINE	SEAL POINT ROAD	ALICE ATKINS

SITE PLAN Scale 1" = 50 Ft.

SITE LOCATION PLAN (Map from Maine Atlas recommended)



(SEE ATTACHED SITE PLAN)

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

Observation Hole TP1 ■ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
Ap 0–10	STONY LOAM	FRIABLE	DARK BROWN	NONE
B 10–20			REDDISH BROWN	EVIDENT
C 20–30	SILTY CLAY	FIRM	OLIVE	COMMON MEDIUM FAINT
30–40				
40–50				

Soil Classification Profile	Soil Classification Condition	Slope	Limiting Factor	
7	C	7 %	18 "	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole TP2 ■ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
Ap 0–10	STONY LOAM	FRIABLE	DARK BROWN	NONE
B 10–20			YELLOWISH BROWN	EVIDENT
C 20–30	SILTY CLAY	FIRM	OLIVE	COMMON MEDIUM DISTINCT
30–40				
40–50				

Soil Classification Profile	Soil Classification Condition	Slope	Limiting Factor	
7	C	10 %	18 "	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Teresa L. Davis — Site Evaluator's Signature

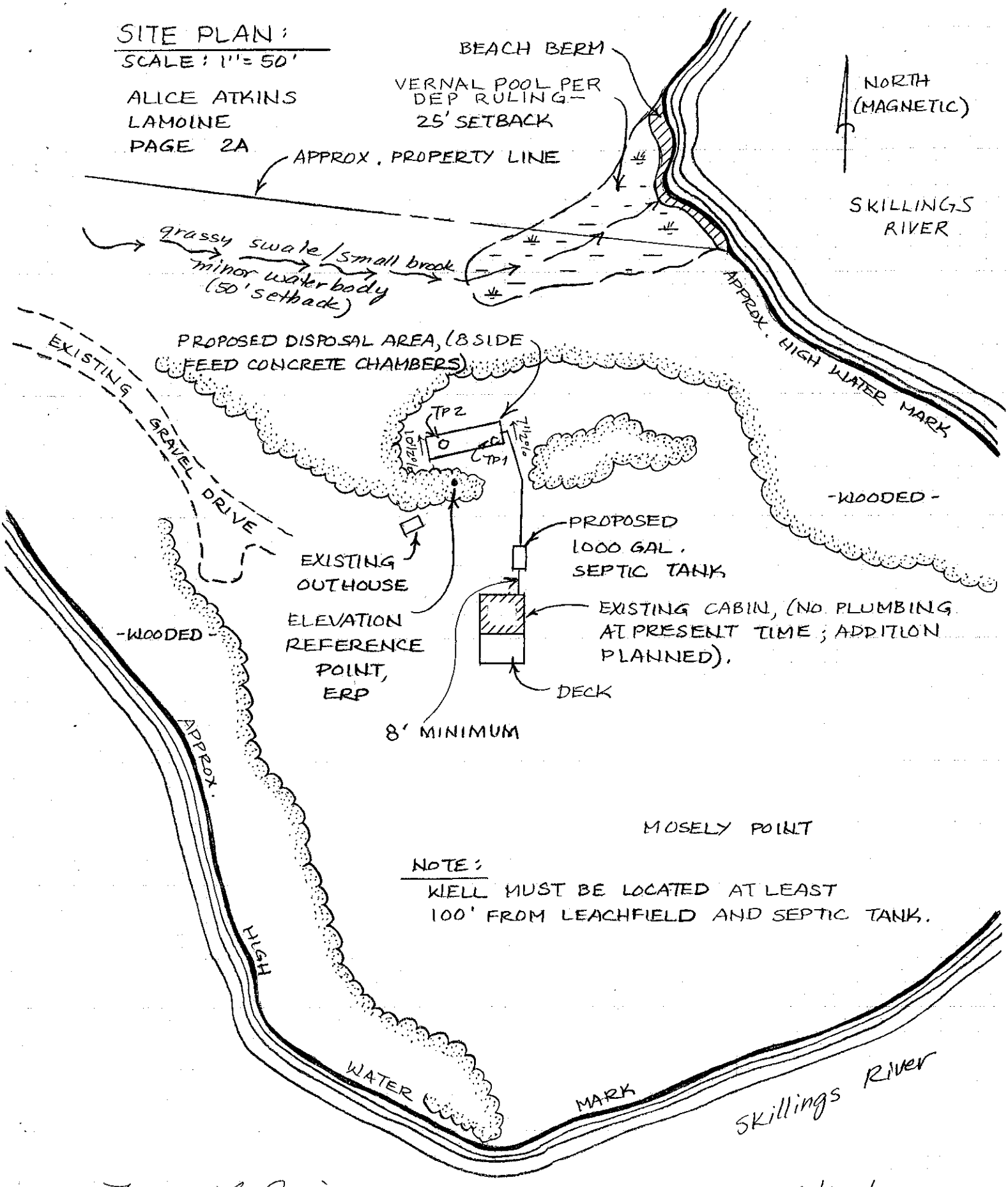
203 — S. E. #

6/29/15 — Date

SITE PLAN:

SCALE: 1" = 50'

ALICE ATKINS
LAMOINE
PAGE 2A



NOTE:
WELL MUST BE LOCATED AT LEAST 100' FROM LEACHFIELD AND SEPTIC TANK.

Teresa L. Davis — SITE EVALUATOR'S SIGNATURE

203 — S.E. #

6/29/15 — DATE

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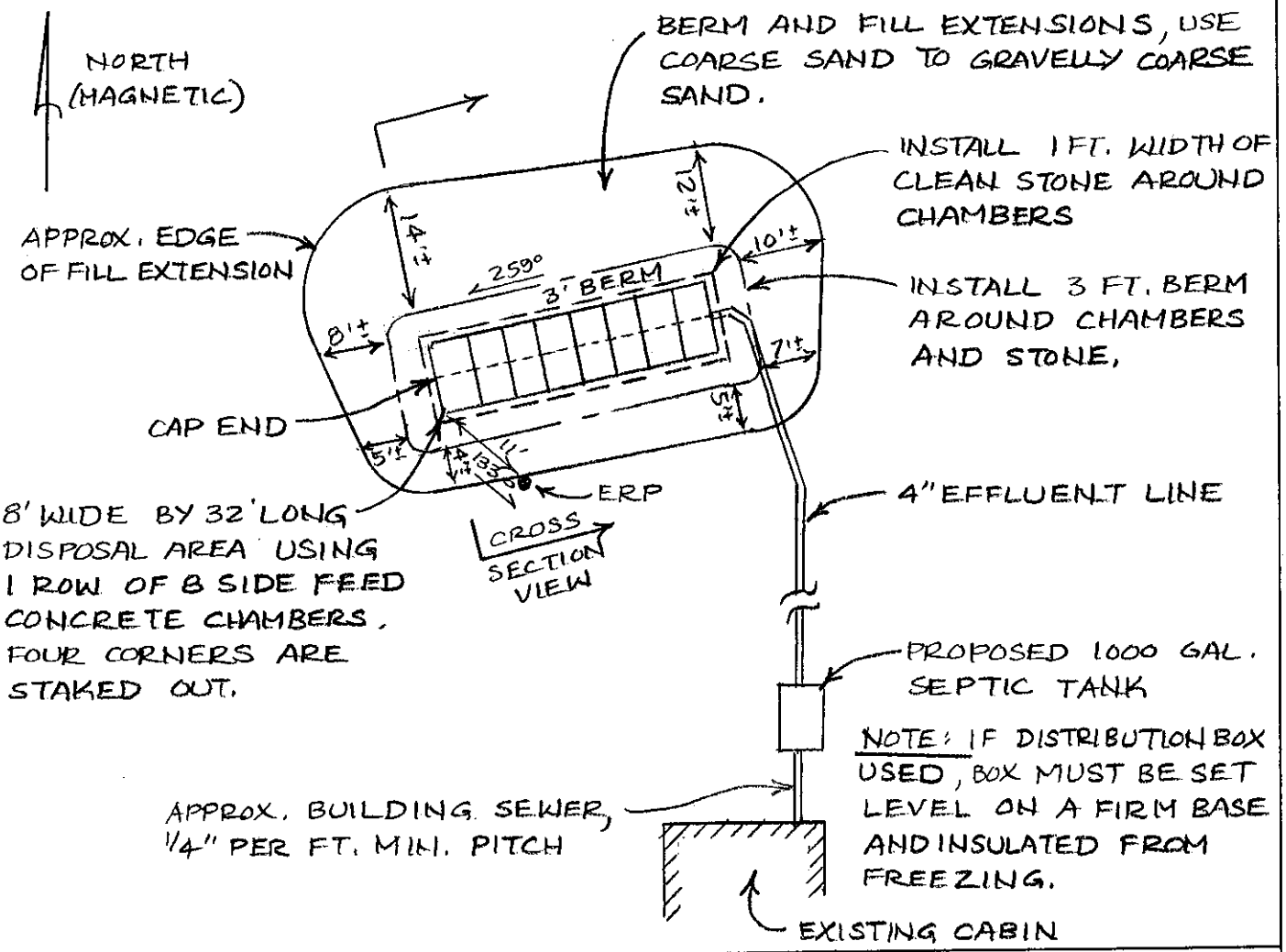
SUBSURFACE WASTEWATER DISPOSAL PLAN — SCALE: 1" = 20 FT.



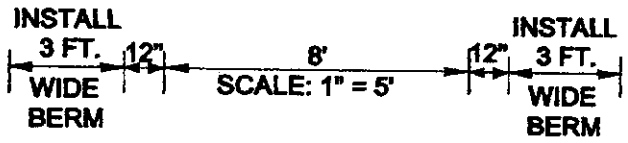
FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS	SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Fill (Upslope)	15"-21"	Finished Grade Elevation	-39"		Location & Description NAIL 38" UP IN A 22" DIA. WHITE SPRUCE TREE.
Depth of Fill (Downslope)	25"-28"	Top of Distribution Pipe or Proprietary Device	-47"	N/A	
		Bottom of Disposal Area	-60"		Reference Elevation 0"

DISPOSAL AREA CROSS SECTION

(SEE ATTACHED CROSS SECTION)

Teresa L. Davis — Site Evaluator's Signature
203 — S.E. #
6/29/15 — Date

DISPOSAL AREA CROSS SECTION



DISPOSAL AREA AND FILL EXTENSIONS MUST BE SEEDED TO PREVENT EROSION. LOAM, SEED, AND MULCH ENTIRE AREA.

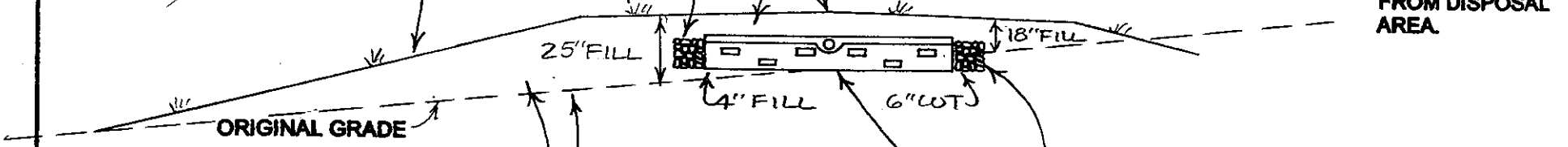
NO GREATER THAN 25% SLOPE (4:1) ON FILL EXTENSION BEYOND 3 FT. BERM.

2'' COMPRESSED HAY (OR FILTER FABRIC) OVER STONE

USE MINIMUM 8" DEPTH OF CLEAN FILL OVER CHAMBERS.

CROWN DISPOSAL AREA WITH 3% SLOPE

DIVERT SURFACE WATER AWAY FROM DISPOSAL AREA.



USE COARSE SAND TO GRAVELLY COARSE SAND FILL AROUND CHAMBERS. TOP-FINISH WITH MINIMUM 4" OF LOAMY FILL, CAPABLE OF GROWING VEGETATION.

SCARIFY ORIGINAL GROUND SURFACE UNDER CHAMBERS AND FILL EXTENSIONS.

BOTTOM OF CHAMBERS (5 FEET BELOW E. R. P.) MUST BE LEVEL WITH MAXIMUM GRADE TOLERANCE OF 1" PER 100'.

INSTALL 12" WIDTH OF CLEAN, UNIFORM SIZED STONE AROUND CHAMBERS. STONE SIZE CAN VARY FROM 3/4" TO 2 1/2" IN DIAMETER, PROVIDED IT IS UNIFORM THROUGHOUT SYSTEM.

ELEVATIONS:

ELEV. REF. PT. (ERP):	0"
FINISHED GRADE:	-39"
TOP OF CHAMBERS:	-47"
BOTTOM OF CHAMBERS:	-60"

APPLICANT: JOHN ALLGOOD

OWNER: ALICE ATKINS

LOCATION: LAMOINE

Teresa L. Davis — TERESA L. DAVIS

203 — S.E.#

6/29/15 — DATE