$15.00 DEP SURCHARGE

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation: LAMOINE

Street or Road: 87 NARROWS WAY

Subdivision, Lot #:

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City: LAMOINE Permit #: 1815

Date Permit Issued: 10/12/16 Fee $: 250 Double Fee Charged ( )

Local Plumbing Inspector Signature L.P.I. #: 1090

☐ Owner ☐ Town ☒ State

OWNER/APPLICANT INFORMATION

Name (last, first, MI): KOHM, STEVEN ■ Owner ☐ Applicant

Mailing Address of ☐ Owner ■ Applicant: OWEN HARDING, 69 WOODSFIELD WAY, ELLSWORTH, ME. 04605

Daytime Tel. #: (207) 812-4067

The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued 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.

Municipal Tax Map #: 11 Lot #: 12

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: 10/12/16

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: STONE
Year Installed: PRE 1970
☐ 3. Expanded System
☐ a. Minor Expansion
☐ b. Major Expansion
☐ 4. Experimental System
☐ 5. Seasonal Conversion

SIZE OF PROPERTY

_____ ☐ sq. ft.
2± ■ 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: 3
☐ 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

■ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
☐ 4. Public ☐ 5. Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

■ 1. Concrete MONOLITHIC
■ a. Regular
☐ b. Low Profile
☐ 2. Plastic
☐ 3. Other: _____
CAPACITY 1000 gallons

DISPOSAL FIELD TYPE & SIZE

☐ 1. Stone Bed ☐ 2. Stone Trench
■ 3. Proprietary Device 20 TYPE B43 GSF UNITS
■ a. Cluster Array ☐ c. Linear
■ b. Regular load ☐ d. H-20 load
☐ 4. Other: _____
SIZE 960 ■ 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 facilities
☐ 3. Section 4G (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION
3 / C
at Observation Hole # 15
Depth 1 "
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

LATTITUDE AND LONGITUDE

at Center of Disposal Area
Lat. 44° d 27' m 08.2" s N
Lon. 68° d 20' m 01.3" s W
if g.p.s., state margin of error 30'±

SITE EVALUATOR STATEMENT

I certify that on 9/1/16 (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: Nick Skidmore — SE#: 409 — Date: 9/6/17

Site Evaluator Name Printed: NICHOLAS SKIDMORE — Telephone Number: (207) 735 - 8041 — E-mail Address: nickskidmore@soiltestsepticdesign.com

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

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Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
LAMOINE	NARROWS WAY	STEVEN KOHM

SITE PLAN

Scale 1" = 60 Ft.

SITE LOCATION PLAN
(Attach map from Maine Atlas for First Time System Variance)

0.1 mile to wolf Run (0.4 mile to Shore Road)

(SEE ATTACHED SITE PLAN)

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole # TP1 ■ Test Pit ☐ Boring

2 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–10	SANDY LOAM	FRIABLE	DARK BROWN (10YR 3/3)	NONE EVIDENT
10–20			DARK BROWN (7.5YR 3/4)	
20–30		FIRM	DARK YEL. BROWN (10YR 4/6)	COMMON DISTINCT
30–50			LIGHT OLIVE BROWN (2.5Y 5/4)	

Soil Profile	Classification Condition	Slope	Limiting Factor	Depth
3	C	3 %	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth	15 "

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____ " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–50				

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

Nick Hidmore — Site Evaluator's Signature

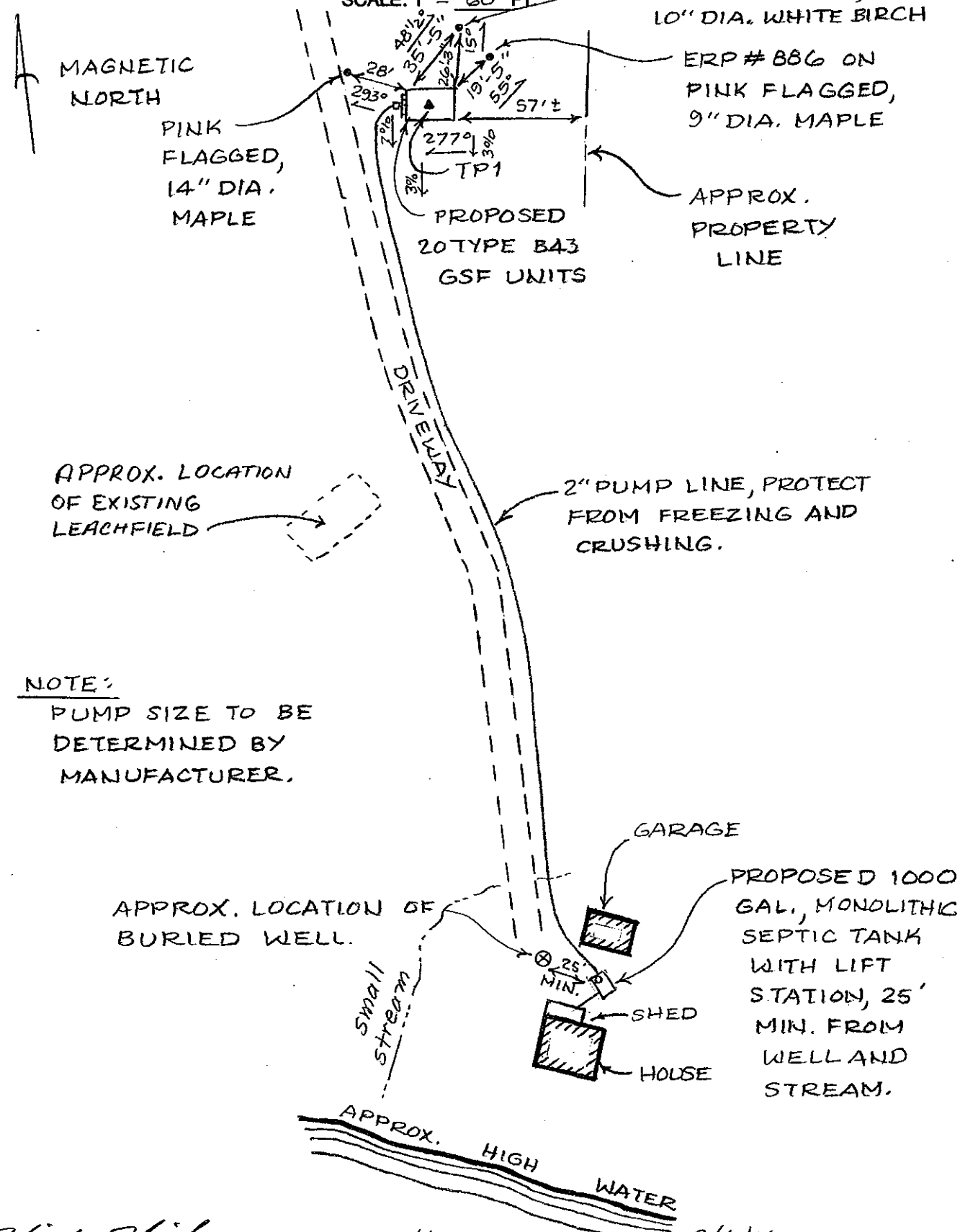
409 — S. E. #

9/6/16 — Date

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
LAMOINE	NARROWS WAY	STEVEN KOHM

SITE PLAN:

SCALE: 1" = 60 FT



Nick Shidmore — Site Evaluator's Signature

409 — S.E. #

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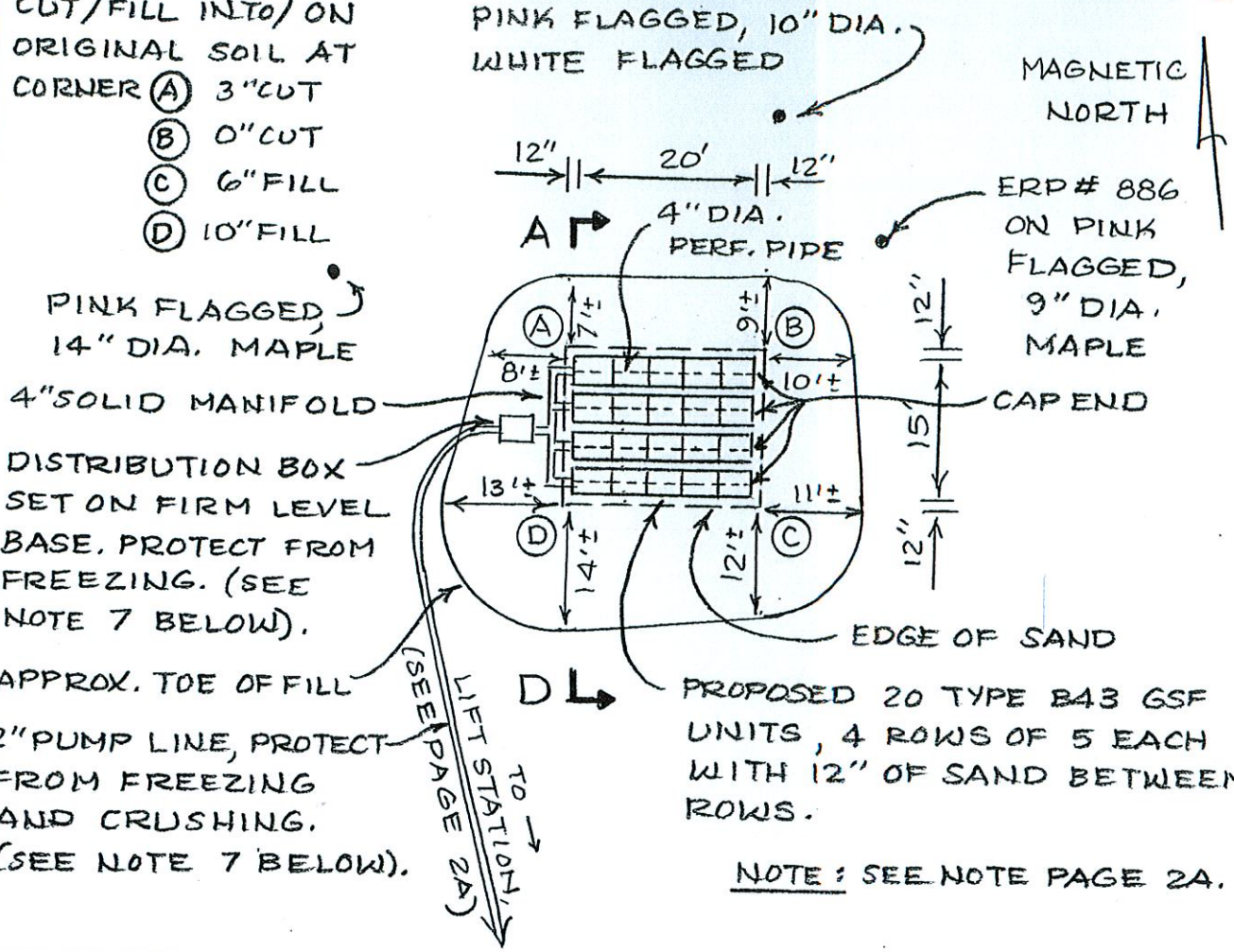
LAMOINE	NARROWS WAY	STEVEN KOHM

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



NOTE: SEE NOTE PAGE 2A.

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS	SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	16"-19"	Finished Grade Elevation MIN.	-35"		Location & Description NAIL IN
Depth of Backfill (Downslope)	25"-29"	Top of Distribution Pipe or Proprietary Device	-43"	N/A	TAG# 886 NAIL IS 47" ABOVE
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field (GSF UNITS)	-54"		GROUND.
					Reference Elevation is: 0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION A-D)

NOTES:

1. Divert surface water and ground water away from the disposal system.
2. Check septic tank(s) at least every two years for pumping.
3. Garbage disposals are not recommended.
4. Full basement below grade foundation, frost wall or columns to be at least 20' minimum from leachfield and slab on grade to be at least 15' minimum from leachfield.
5. Septic tank(s) to be 8' minimum from building.
6. Protect all piping from freezing.
7. Distribution boxes and pump lines shall be protected with at least 2" of density expanded rigid polystyrene insulation to protect against frost penetration and freezing.
8. This HHE-200 form is not valid until local Plumbing Inspector signs and stamps. This design is completed under current Maine Subsurface Wastewater Disposal Rules. Future rule and regulation changes may invalidate the HHE-200 form. Maine rule and regulation changes occur on a regular basis.

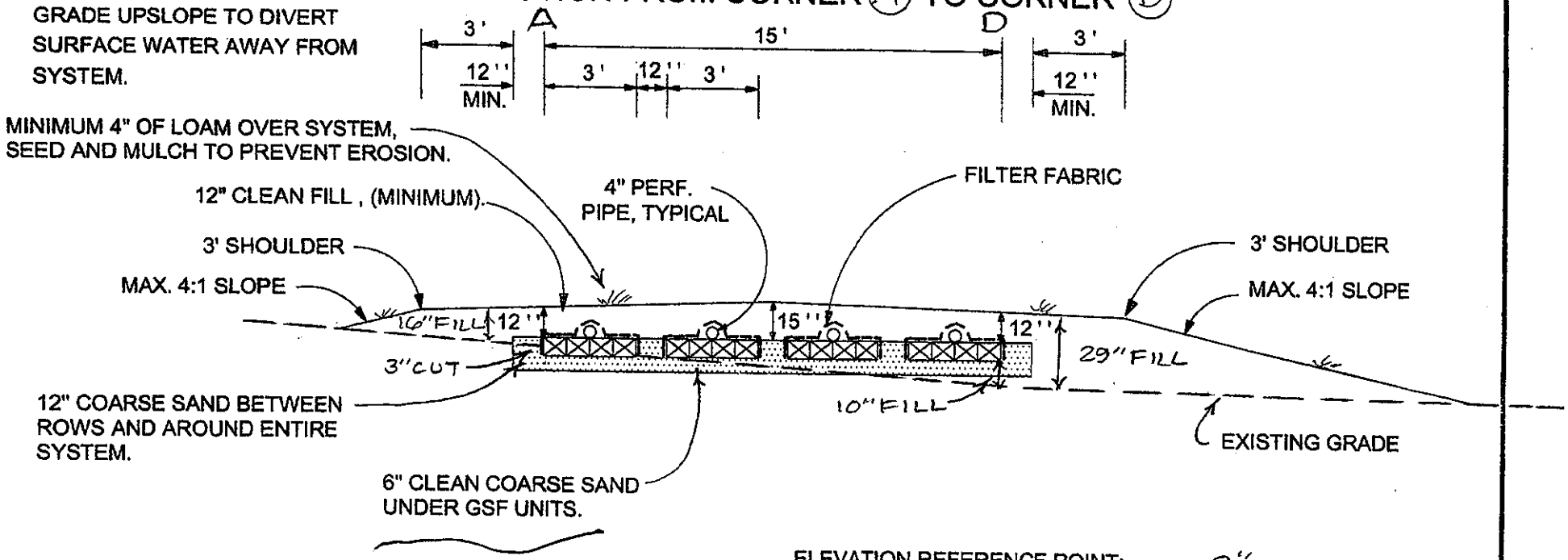
Site Evaluator's Signature	S.E. #	Date
Nick Hidmore	409	9/6/16

GSF UNITS CROSS SECTION

CROSS SECTION FROM CORNER (A) TO CORNER (D)

NOTE:

GRADE UPSLOPE TO DIVERT SURFACE WATER AWAY FROM SYSTEM.



ELEVATION REFERENCE POINT:	0"
FINISHED GRADE:	-35" MIN.
TOP OF PERF. PIPE:	-43"
TOP OF GSF UNITS:	-47"
BOTTOM OF GSF UNITS:	-54"
BOTTOM OF SAND:	-60"

NOTES:

1. REMOVE ALL ORGANIC MATTER AND SCARIFY ORIGINAL SOIL UNDER GSF UNITS AND FILL EXTENSIONS.
2. ROTOTILL 4" OF GRAVELLY COARSE SAND INTO ORIGINAL SOIL.
3. FILL TO BE GRAVELLY COARSE SAND.
4. BOTTOM OF GSF UNITS TO BE LEVEL, (2" IN 100').

OWNER: STEVEN KOHM

LOCATION: LAMOINE

Nicole Skidmore	409	9/6/16
NICHOLAS SKIDMORE	S.E.#	DATE