Add For field only paid in PBRT # 765

Maine Dept Health & Human Service
Div of Environmental Health , 11 SHS
(207) 287-2070 Fax (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation	ALNA
Street or Road	1 PEASLEE LANE
Subdivision, Lot #	

>> CAUTION: LPI APPROVAL REQUIRED <<

Town/City Alna Permit # _____

Date Permit Issued 1/1 Fee: $ 265 Double Fee Charged [ ]

Local Plumbing Inspector Signature LPI # 1269

Owner Town State

OWNER/APPLICANT INFORMATION

Name (last, first, MI) SCOTT SHAESBY ✓ Owner ✓ Applicant

Mailing Address JOE LEFEBRE 23 SHAMROCK LN

Owner/Applicant DAMARISCOTTA ME 04543

Daytime Tel. # SHAESBY 512-659-8425 / JOE 350-2175

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 this application and the Maine Subsurface Wastewater Disposal Rules

Municipal Tax Map # _____ Lot # _____

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 8/13/22 Date

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized 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 UNKNOWN
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

120± SQ FT ✓ ACRES

DISPOSAL SYSTEM TO SERVE

EXISTING 5 BEDROOM HOME + CABIN WITH 2 BEDS - NO KITCHEN

✓ 1. Single Family Dwelling Unit, No. of Bedrooms
2. Multiple Family Dwelling, No. of Units: _____
✓ 3. Other: WORKPLACE FOR 4 - NO SHOWER
PROPOSED → (specify) IN BARN
Current Use Seasonal ✓ Year Round Undeveloped

TYPE OF WATER SUPPLY

1. Drilled Well ✓ 2. Dug Well 3. Private
4. Public 5. Other

SHORELAND ZONING

DISPOSAL FIELD
Yes ✓ No

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

450 + 48 + 100 = 598

TREATMENT TANK

✓ 1. Concrete ALL
✓ a. Regular
✓ b. Low Profile OK
✓ 2. Plastic add filter
3. Other
CAPACITY 1-1500 GAL.
1-1000

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: 184 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

598 gallons per day
BASED ON
✓ 1. Table 4A (dwelling unit(s)) 5 BED-ROOM HOME
✓ 2. Table 4C(other facilities)
SHOW CALCULATIONS for other facilities:
WORKPLACE FOR 4 - NO SHOWER
4 x 12 = 48 / CABIN
3. Section 4G (meter readings) NO KITCHEN
ATTACH WATER METER DATA 2 Bdrm

SOIL DATA & DESIGN CLASS

PROFILE CONDITION
3 C
at Observation Hole # 1
Depth 17"
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 25 gallons

LATITUDE AND LONGITUDE

at center of disposal area
Lat. 44 d 06 m 30.2 s
Lon. 69 d 36 m 40.0 s
if g.p.s, state margin of error: 91

SITE EVALUATOR STATEMENT

I certify that on 9/1/2022 (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).

Peter MacCready — Site Evaluator Signature
357 — SE #
9/1/2022 — Date
Peter MacCready — Site Evaluator Name Printed
644-8647 — Telephone Number
E-mail Address

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

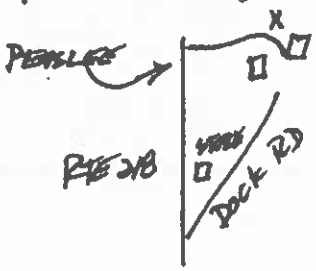
Town, City, Plantation: ALNA

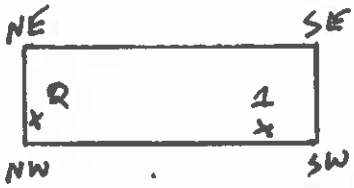
Street, Road, Subdivision: 1 PEASLEE LANE

Owner's Name: SHAESBY SCOTT

SITE PLAN Scale 1" = 30 ft. or as shown

SITE LOCATION PLAN (map from Maine Atlas recommended)





15'x46' Disposal Field

A(ERP)= SW CORNER GARAGE Pink Flagging
B= SE GARAGE POST Orange Flagging
NE Corner to A 67½'
NE Corner to B 87'
SE Corner to A 112½'
SE Corner to B 129'
UP hill Corners

Original Grade At Corners
NW -68"
NE -53"
SW -73"
SE -55'

High Point NE TO SE

N

@ 101'

@ 93'

POSSIBLE MINOR WATERCOURSE

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

Observation Hole 1 ☑ Test Pit ☐ Boring

(SOD) " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0	L	FR	BROWN	NONE TO >17"
10	VFSL		YELLOW BROWN	
20		FIRM	OLIVE BROWN	
30		BED ROCK FREE TO 30"		
40				
50				

Soil Classification	Slope	Limiting Factor	
3 Profile / C Condition	8 %	17"	[ ] Ground Water [x] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Observation Hole 2 ☑ Test Pit ☐ Boring

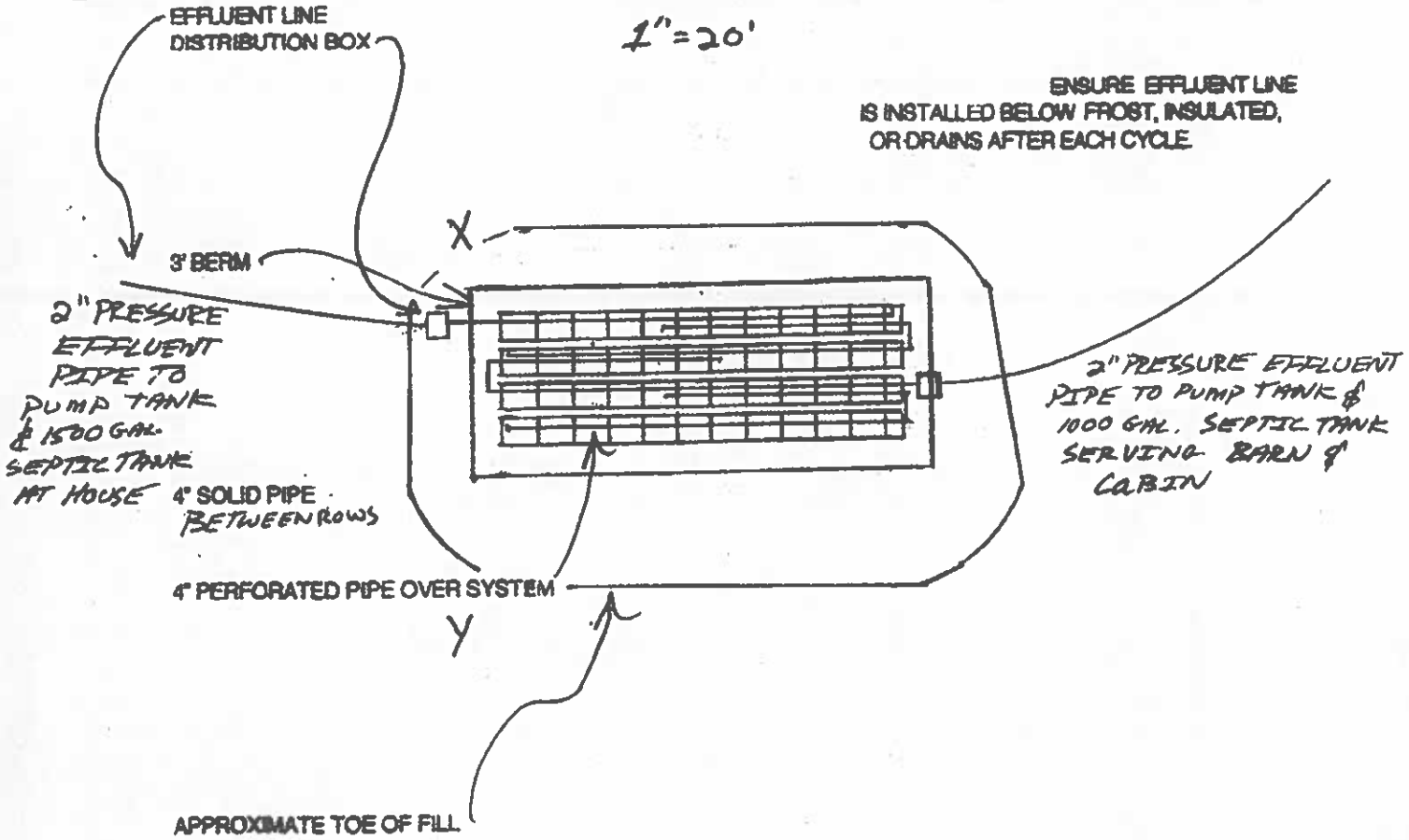
(SOD) " Depth of Organic Horizon Above Mineral Soil

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0	L	FR	BROWN	NONE TO
10	FSL		DARK YELLOW BROWN	>19"
20		FIRM	OLIVE BROWN	
30		BED	ROCK	
40		FREE	TO 32"	
50				

Soil Classification	Slope	Limiting Factor	
3 Profile / C Condition	11 %	19"	[ ] Ground Water [x] Restrictive Layer [ ] Bedrock [ ] Pit Depth

Peter MacCready 357 9/1/2022

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION		Department of Human Services Division of Health Engineering (207) 287-5671 TTY: (207) 287-4172
Town, City, Plantation ALNA	Street, Road, Subdivision 1 PEASLEE LANE	Owner's Name SHAESBY SCOTT



ELEVATION REFERENCE POINT
LOCATION +DESCRIPTION
SW CORNER OF GARAGE - NAIL IN CORNER BOARD 30"
REFERENCE ELEVATION IS 0" OFF GRADE

1500 & 1000 GALLON SEPTIC TANK TO BE EQUIPPED WITH ZABEL A-1800 FILTER OR EQUIVALENT.

REMOVE ORGANIC MATTER FROM AREA UNDER SYSTEM AND FILL EXTENSIONS, SCARIFY SOIL TO A DEPTH OF 6-8". A MINIMUM OF 4" BACK FILL MATERIAL TO BE MIXED WITH THE ORIGINAL SOIL TO FORM A TRANSITIONAL HORIZON. GRADING TO BE DONE TO DIVERT SURFACE WATER AWAY FROM SYSTEM. INSTALLATION TO BE DONE PER MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. WORK DONE WITHIN THE SHORE LAND ZONE OR NEAR WETLANDS MAY REQUIRE ADDITIONAL LOCAL, STATE, OR FEDERAL PERMITS; CHECK WITH LOCAL CODE ENFORCEMENT OFFICER IF IN DOUBT.

Pat Mallahy	357	9/1/2022
Site Evaluator Signature	SE #	Date

TOWN, CITY PLANTATION	STREET, ROAD, SUBDIVISION	OWNERS NAME
ALNA	1 PEASLEE LANE	SHAESBY SCOTT

SCALE:
VERT.: 1" = 5'
HORIZ.: 1" = 5'

NOTES:

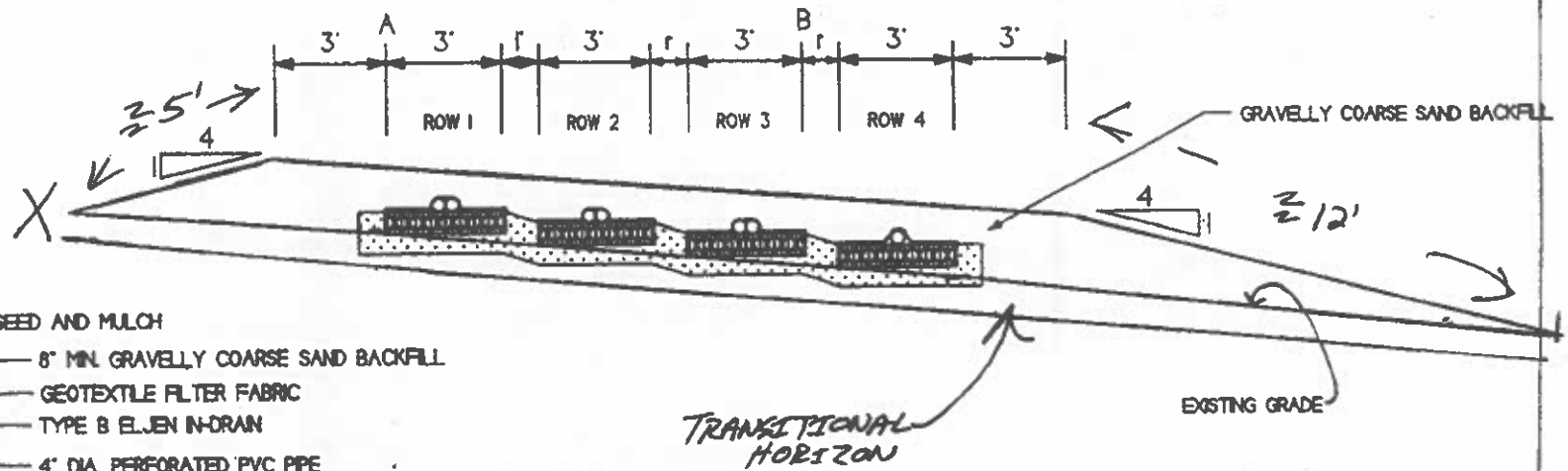
1. FILL REQUIRMENTS VARY GREATLY BECAUSE OF BED LOCATION. CONTRACTOR SHALL FIELD CHECK ALL SLOPES BEFORE DETERMINING ACTUAL FILL REQUIRMENTS.
2. NOTES ON PAGE OF ARE HEREBY MADE PART OF THIS HHE-200 FORM.
3. THE FIRST 6" DIRECTLY BENEATH THE IN-DRAINS SHALL BE MEDIUM TO COARSE TEXTURED SAND. WITH AN EFFECTIVE SIZE OF 0.25 TO 2.0 MM. NO GREATER THAN 5% PASSING A #200 SIEVE. AND NO PARTICLES LARGER THAN 3/4 INCH. OR MATERIALS MEETING THE ASTM C-33 SPECIFICATION. CONCRETE OR WASHED SAND IS A RELIABLE CHOICE. SUITABILITY OF BANK RUN SAND OR SITE DISPOSAL AREA SOIL MUST BE VERIFIED.
4. ROTO-TILL ORIGINAL SURFACE THOROUGHLY IN ALL AREAS OF THE SYSTEM INCLUDING FILL EXTENSIONS BEFORE PLACING FILL. REMOVE ALL ORGANIC LAYER IN AREA OF SYSTEM.
5. ROWS SHOULD BE LEVEL WITH A TOLERANCE OF 1"/100FT.
6. SECTION SHOWN IS BASED ON AN AVERAGE EXISTING GROUND SLOPE OF %.

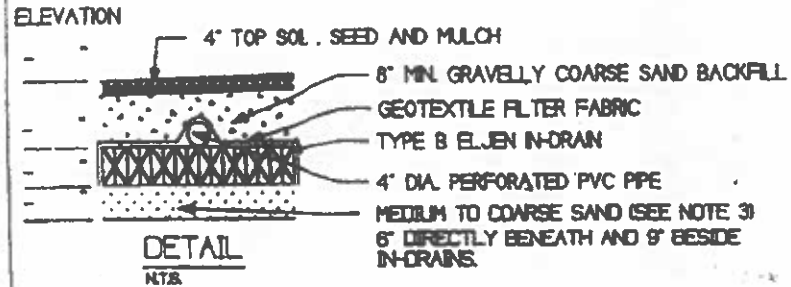
FILL REQUIREMENTS AT SECTION:
DEPTH OF FILL (UPSLOPE) 20"
DEPTH OF FILL (DOWNSLOPE) 23"/28"

CONSTRUCTION ELEVATIONS:
E.R.P. REFERENCE ELEVATION IS 0"

ROW	1	2	3	4
FINISH GRADE	-33"	-37"	-41"	-45"
TOP OF DISTRIBUTION PIPE	-41"	-45"	-49"	-53"
BOTTOM OF IN-DRAINS	-52"	-56"	-60"	-64"

44 1/2 - TYPE B IN-DRAINS (4 ROWS OF 11 1/2 EACH ROW)





Peter Mucready
SITE EVALUATOR SIGNATURE

357
SE#

9/1/2022
DATE

PAGE 4 OF 6

4RW8P.GCD

Eljen GSF Geotextile Sand Filter GSF

Trench and In-Ground Cluster Installation

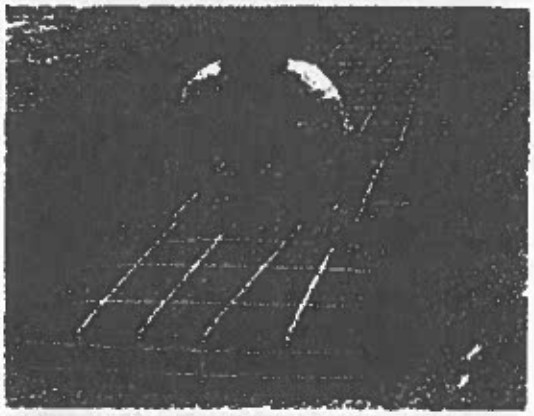
1. Prepare site according to local and state regulations. **Do not install system on frozen or saturated ground.**

2. Remove all organic soil and roots at disposal and fill extension areas.

3. Scarify receiving layer to eliminate smearing.

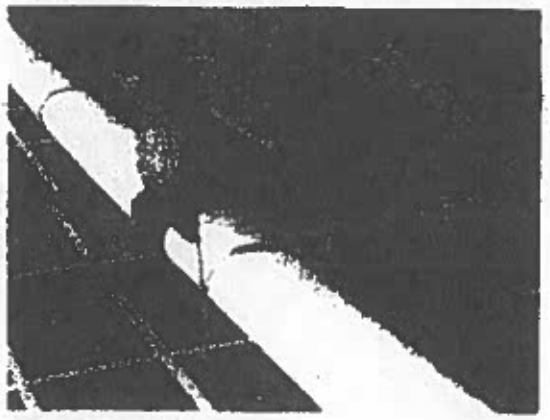
4. Place 6" of D.O.T. or state highway specification **washed concrete sand** or sand known to be "medium to coarse with an effective size of .25 to 2.0 mm and no more than 5% passing a #200 sieve."

5. Avoiding footprints, place In-Drains with **painted stripe facing up**, end to end on sand in trench or bed. **Caution: Spacer cores can have sharp edges.**

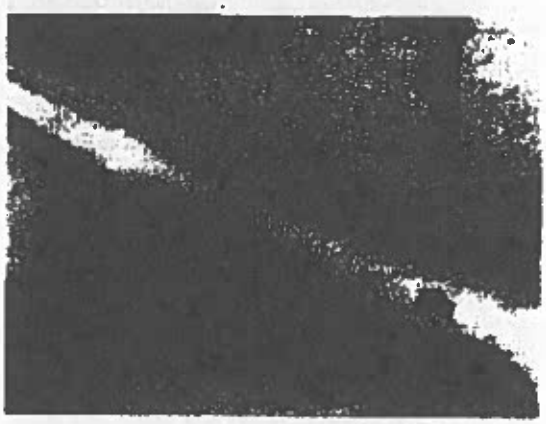


6. Center 4" **perforated** distribution pipe over In-Drains. Use **solid pipe** over compacted sand from D-Box to In-Drains and to connect distribution lines at far end. Connect mid-points on rows over 40' long.

7. Secure pipe with one Eljen clamp per In-Drain. Slide clamp into upfacing core. Force through fabric into sand.

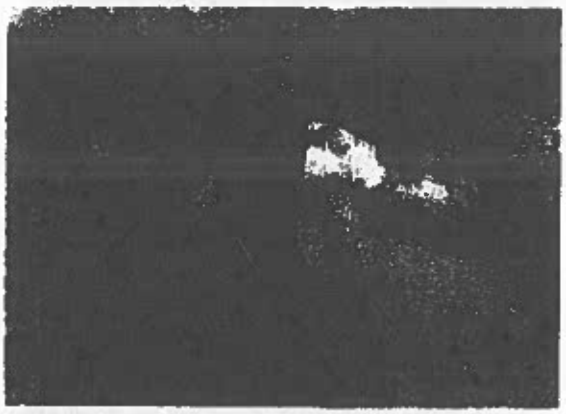


8. Install Eljen cover fabric over rows of In-Drains. **Drape fabric straight down over pipe.** Secure with hand shoveled sand. **Don't block holes in perforated pipe.**



9. Place 12" medium to coarse sand (see step #4) between rows and 6" min at the sides in trench or bed.

10. Complete backfill and loam to 12" min. over In-Drains. Fill should be clean, porous and devoid of large rocks. Use well graded sandy fill with a maximum 10% passing a #200 seive. **Do not use wheeled equipment over a system.** A light track machine may be used with caution, **avoid crushing or shifting pipe assembly.** Backfill in direction of perforated pipe.



11. Divert surface runoff. Finish grade to prevent surface ponding. Seed loam and protect from erosion.