

County of Routt  
COLORADO  
136 6th Street, 2nd Floor, Steamboat Springs, CO 80487  
Phone: (970) 870-5588



PERMIT FOR ON-SITE WASTEWATER SYSTEM - NEW

Date: 10/9/2019

Parcel ID: 286800009

Permit Fee: \$300.00

Service Location: 55950 HANNAHS WAY, CLARK

Type of Work: On-Site Wastewater System - New

Type of Occupancy: Residential

Work Description: New construction 3 bedroom house. Soil Type 2A, 1,000 Gallon concrete tank, Chamber/Trench design.

As authorized and required by 25-10-101, et seq. C.R.S., permission is hereby granted to the owner or a Routt County On-Site Wastewater Treatment System (OWTS) installer to construct or repair an OWTS system at the property indicated above. All work must comply with the specifications on this permit and the Routt County On-Site Wastewater Treatment System Regulations. This permit expires one year from the date of issue.

Applicant: Ron Davies

Address: 2673 Jacob Circle Unit 700

City/State/Zip: Steamboat Springs

CO 80487

Phone# (970) 846-9647

**NOTICE:** All tanks and vaults must meet Design Criteria as specified in Section 43.9 of the Colorado Department of Public Health and Environment Water Quality Control Commission On-Site Wastewater Treatment system Regulation #43 (5 CCR 1002-43). Inspections required (24 hours advanced notice required). Call (970) 870-5588

Environmental Health Specialist

Date

10/9/2019

The above individual on-site wastewater system has received a final inspection. The system is hereby approved for use.

Environmental Health Specialist

Date



APPLICATION FOR ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT

NEW ☒ EXISTING/UNPERMITTED ☐ REMODEL/REPAIR ☐ EMERGENCY USE ☐

Name of Owner T. Andrew & Janice Janes Mailing Address \_\_\_\_\_ Phone \_\_\_\_\_

Name of Applicant Ron Davies, Fair & Sq. Const. Mailing Address 2673 Jacob circle, unit 700 Phone 970-846-9647

LOCATION OF PROPOSED SYSTEM: Street Address 55950 Hannahs Way

Legal Description Lot 9, Murphy Larsen Ranch Parcel ID# 286800009  
(Lot# and Subdivision if applicable) (this # can be found in the Assessor's Office)

Size of Lot 50.04 A ☒ Residential ☐ Commercial ☐ Other (Describe) \_\_\_\_\_

Number of: Bedrooms 3

Water Supply: ☐ Private Well ☐ Private Spring  
☒ Public (give name of supply) Murphy Larsen Ranch

An appropriate plot plan must accompany this application showing required information. An applicant must submit a complete application that is consistent with section 43.4.B.3 of The Department of Public Health and Environment Water Quality Control Commission Regulation 43 'On-Site Wastewater treatment system regulation 5 CCR 1002-43' to the local public health agency, prior to installing, altering, or repairing a system. The permit, upon approval of this application may be obtained at the Routt County Department of Environmental Health with payment of the required fee.

Application for an on-site wastewater treatment system is hereby submitted. The on-site wastewater system will be constructed, installed and operated in accordance with the regulations governing individual sewage disposal systems within Routt County and will comply with applicable State Regulations adopted pursuant to Article 10 of Title 25, C.R.S. 1973, as amended. The undersigned acknowledges that the above information is true and that false information will invalidate the application or subsequent permit. The owner assumes all responsibility in case of failure or inadequacy of this sewage disposal system. (\*Hot tubs and Jacuzzis shall not be connected to on-site sewage disposal systems.)

Signature of Applicant Ron Davies Date 10/2/19

## PLOT PLAN

Name T. Andrew & Janice Janes

Address 642 S Bodin St., Hinsdale, IL 60521

Location of proposed system:

Street Address 55950 Hannahs Way, Clark, CO 80428

Legal Address Lot 9, Murphy Larsen Ranch

**PLOT PLAN MUST INCLUDE THE FOLLOWING INFORMATION:**

**(LOCATE BY MEASURED DISTANCES)**

1. Property lines and dimensions.
2. Proposed and existing water wells on subject property and adjacent property.
3. Domestic water service lines.
4. Proposed and existing building, driveways and other structures.
5. Streams, lakes, ponds, irrigation ditches and other water courses.
6. Proposed and existing waste disposal facilities.

**SUBMIT A REVISED PLOT PLAN TO CONSTRUCTION IF INSTALLATION IS TO BE CHANGED FROM ORIGINAL PLAN.**

See Western Slope GeoTech design, WSG Project #19-1035

# Minimum Distances Between Components of an On-site Wastewater Treatment System and Physical Features

**Table 7-1** Minimum Horizontal Distances in Feet Between Components of an On-Site Wastewater Treatment System Installed After November 15, 1973 and Water, Physical and Health Impact Features

	Spring, Well, Suction Line	Potable Water Supply Line	Potable Water Supply Cistern	Dwelling Occupied Building	Property Lines, Piped or Lined Irrigation Ditch	Subsurface Drain, Intermittent Irrigation Lateral, Drywell, Stormwater Infiltration Structure	Lake, Water Course, Irrigation Ditch, Stream, Wetland	Dry Gulch, Cut Bank, Fill Area (from Crest)	Septic Tank
Septic Tank, Higher Level Treatment Unit, Dosing Tank, Vault	50 <sup>2</sup>	10 <sup>2</sup>	25	5	10	10	50	10	--
Building Sewer or Effluent Lines	50 <sup>2</sup>	10 <sup>2</sup>	25 <sup>2</sup>	0	10 <sup>2</sup>	10 <sup>2</sup>	50 <sup>2</sup>	10 <sup>2</sup>	--
STA Trench, STA Bed, Unlined Sand Filter, Sub-surface Dispersal System, Seepage Pit	100 <sup>3</sup>	25 <sup>2</sup>	25	20	10	25	50 <sup>3</sup>	25	5
Lined Sand Filter	60	10 <sup>2</sup>	25	15	10	10	25	10	5
Lined Evapo-transpiration Field or Outside of Berm of Lined Wastewater Pond	60	10 <sup>2</sup>	25	15	10	10	25	10	5
Unlined Sand Filter in Soil With a Percolation Rate Slower than 60 Minutes per Inch, Unlined or Partially Lined Evapotranspiration System, Outside of Berm of Unlined Wastewater Pond, or System Not Relying on STA for Treatment Other than Aerosol	100	25 <sup>2</sup>	25	15	10	25	25	15	10
Vault Privy	50	10 <sup>2</sup>	25	15	10	10	25	10	--
Slit Trench Latrine, Pit Privy	100	50 <sup>2</sup>	25	N/A	25	25	100	25	N/A
System Not Relying on STA for Treatment and Utilizing Aerosol Methods	100 <sup>3</sup>	10 <sup>2</sup>	50	125	10	0	25 <sup>3</sup>	10	10

NOTE: The minimum distances shown above must be maintained between the OWTS components and the features described. Where soil, geological or other conditions warrant, greater distances may be required by the local board of health or by the Water Quality Control Commission pursuant to section 25-8-206, C.R.S. and applicable regulations. For repair or upgrading of existing OWTS where the size of lot precludes adherence to these distances, a repaired OWTS shall not be closer to setback features than the existing OWTS, as reviewed and approved by the local public health agency. Components that are not watertight should not extend into areas of the root system of nearby trees.

- 1 Includes infiltration galleries permitted as wells by the Division of Water Resources.
- 2 Crossings or encroachments may be permitted at the points as noted above provided that the water or wastewater conveyance pipe is encased for the minimum setback distance on each side of the crossing. A length of pipe shall be used with a minimum Schedule 40 rating of sufficient diameter to easily slide over and completely encase the conveyance. Rigid end caps of at least Schedule 40 rating must be glued or secured in a watertight fashion to the ends of the encasement pipe. A hole of sufficient size to accommodate the pipe shall be drilled in the lowest section of the rigid cap so that the conveyance pipe rests on the bottom of the encasement pipe. The area in which the pipe passes through the end caps shall be sealed with an approved underground sealant compatible with the piping used.
- 3 Add eight feet additional distance for each 100 gallons per day of design flows between 1,000 and 2,000 gallons per day, unless it can be demonstrated by a professional engineer or geologist by a hydrologic analysis or the use of a barrier, consisting of a minimum 30 mil PVC liner or equivalent, that contamination will be minimized. If effluent meets Treatment Level 3N and the local public health agency has a maintenance oversight program in accordance with section 14.D. of this regulation, the distance addition is not required. Flows equal to or greater than 2,000 gallons per day must be hydrologically analyzed for flow, velocity, hydraulic head, and other pertinent characteristics as means of estimating distances required to minimize contamination as part of the Division site application process.



October 2, 2019

Jan & Andy Janes  
c/o Chandler Deimund  
Vertical Arts Architecture  
690 Marketplace Plaza, Suite 1  
Steamboat Springs, Colorado 80487

Re: On-Site Wastewater Treatment System Design  
Proposed Janes Residence  
Lot 9, Murphy Larson Ranch Subdivision  
Routt County, Colorado  
WSG Project # 19-1035

Dear Jan & Andy,

Western Slope Geotech (WSG) has completed the On-Site Wastewater Treatment System (OWTS) design you requested for your proposed residence to be constructed within Lot 9 of the Murphy Larson Ranch Subdivision, Routt County, Colorado. The results of our site and soil evaluations, design calculations, schematic system design drawings and other pertinent information is included with this report.

#### **PROPOSED CONSTRUCTION**

Based on communications with the project architect and building contractor, WSG understands the proposed residence will be constructed with a total of three (3) bedrooms. No other future building additions or other wastewater generating features are anticipated at this time. Potable water will be supplied by the existing Murphy Larson Ranch subdivision water supply system.

#### **SITE CONDITIONS**

The property consists of approximately 50 acres of rural land located off the south side of Hannah's Way in the Murphy Larson Ranch Subdivision, Routt County, Colorado.

The proposed OWTS Soil Treatment Area (STA) site consists of vacant, undisturbed land located approximately 60 to 100 feet east of the east side of the proposed residence

On-Site Wastewater Treatment System Design  
Proposed Janes Residence  
Lot 9, Murphy Larson Ranch  
Routt County, Colorado  
WSG # 19-1035

2

building site. The site was well vegetated with grasses, weeds, deciduous brush and scattered aspen trees.

Site topography was somewhat variable and generally sloped gently to moderately down to the east-southeast on the order of 5 to 10 percent. Existing and proposed site features are shown on the OWTS Vicinity Plan, Figure 1.

### **SOIL EVALUATION**

A soil evaluation program consisting of the drilling and excavation and observation of four test holes and two profile pits was conducted at the project site on August 19 and September 2, 2019 to provide subsurface information at the proposed building site and STA location. The approximate test hole and profile pit locations are shown on both Figures 1 and 2. Graphic logs are presented on Figures 4 and 5 and associated legend and notes are also presented on Figure 5.

The subsurface conditions encountered in the test and profile pits were somewhat variable and generally consisted of a layer of topsoil and vegetation overlying natural sandy silt loam, and natural clay to the maximum depth explored at the STA, 7 feet. Natural lean to fat clay was encountered at depths of approximately 42 and 30 inches in profile pits 1 and 2, respectively.

Groundwater seepage was not encountered in the test or profile pits at the time of drilling or excavation. No other indications of a seasonal high groundwater condition were observed in the profile pits. Groundwater levels will vary seasonally and over time based on weather conditions, site development, irrigation practices and other hydrologic conditions.

LTAR Determination: Based on WSG personnel evaluation of soil types encountered in the profile pits, the Long Term Acceptance Rate (LTAR) values, depths and associated percolation rate ranges for the natural soils are summarized in Table A below. Based on our experience, WSG recommends the sandy silt loam be considered the limiting layer and be classified as Soil Type 2A. Soil types, LTARs, and average percolation rates are shown below are reproduced from Table 10-1 of the Routt County Department of Environmental Health OWTS Regulation (2014).

(2017) emailed  
Rm - 1/2/1



On-Site Wastewater Treatment System Design  
Proposed Janes Residence  
Lot 9, Murphy Larson Ranch  
Routt County, Colorado  
WSG # 19-1035

3

**TABLE A**

<b>Soil Type</b>	<b>Depth (in)</b>	<b>Avg. Perc Rate (mpi)</b>	<b>LTAR (gpd/ft<sup>2</sup>)</b>
Sandy Silt Loam- (Type 2A)	12-42	26-40	0.50

**OWTS DESIGN ANALYSIS AND RECOMMENDATIONS**

The site and soil evaluations indicate suitable conditions for wastewater disposal at depths between 12 and 18 inches below existing grades. Based on proposed construction and WSG's experience with similar sites and conditions in this area of Routt County, we recommend the OWTS consist of a gravity-fed septic tank and Soil Treatment Area (STA) sized using TL-1 treatment levels. The recommended STA design consists of infiltration ✓ chambers (Standard Quick 4 Infiltrators®) installed in a trench configuration.

Based on anticipated lateral shallow groundwater (effluent) flow direction (similar to site topography), WSG believes the underlying natural clay does not represent a restrictive layer to efficient wastewater treatment and no future effluent surfacing will occur based on topography and final site grading. Additionally, proposed Contour Loading Rates (CLR) are estimated at approximately 2.1 gallon per day/linear foot (gpd/lf), representing a favorable loading rate according to recognized (NAWT – National Association of Wastewater Technicians) design standards.

Based on the sandy silt loam soils encountered in the profile pits and WSG's experience with similar soils and site conditions, an LTAR of 0.50 gpd/ft<sup>2</sup> (Soil Type 2A) was used in system sizing. Pertinent system components are summarized below, and associated design calculations are provided in Appendix A. Regulatory, inspection and system component specifications are provided in Appendix B.

Septic Tank: 1,000-gallon concrete with effluent filter.

Transmission Piping: 4-inch solid PVC, gravity discharge, 1% min. grade.

Distribution Box: Min. 4 outlet with Speed Levelers®.

Infiltration Chambers: 53 - Infiltrator® Standard Quick 4 chambers.

Infiltrative Surface: Elevation Varies - establish at 12-18 inches below existing ground surface.

On-Site Wastewater Treatment System Design  
Proposed Janes Residence  
Lot 9, Murphy Larson Ranch  
Routt County, Colorado  
WSG # 19-1035

4

\*Chamber Protective Underlayment: ¼-inch galvanized steel mesh.

Topsoil Cover: Provide all absorption field areas with minimum 18 inches topsoil cover.

Marking and Protection: Septic tank and distribution box locations marked with metal T posts. Absorption field fenced off to prevent machinery, livestock and wildlife damage.

\*Please note that infiltration chambers must be protected from rodent excavating and backfilling activity by the placement of ¼-inch galvanized steel mesh that completely covers the open base area of the chamber. Mesh should be secured to chamber base using an approved method and frequency. Schematic OWTS site plan and typical absorption field cross section are shown on Figures 2 and 3, respectively.

#### **OWTS OPERATION AND MAINTENANCE**

Proper OWTS operation and maintenance is crucial for satisfactory long-term system performance. WSG recommends the following operation and maintenance criteria be observed by the owner/operator.

1. Regular inspection and pumping of the septic tank and effluent filter located at the tank outlet should be conducted by a qualified service provider. A recommended frequency of 3 to 5 years is typical for normal usage. More frequent pumping and filter cleaning may be required based on higher usage.

Seasonal or periodic use facilities may also require additional pumping and maintenance due to inconsistent hydraulic and biological loading.

2. Inspection of STA for signs of surfacing effluent should be conducted on a yearly basis.
3. The installation of water conserving plumbing fixtures, judicious use of water and minimization of solid waste directed to the OWTS is strongly recommended to extend system life.
4. Leaking plumbing fixtures should be repaired immediately. The additional hydraulic loading can permanently damage the STA.

On-Site Wastewater Treatment System Design  
Proposed Janes Residence  
Lot 9, Murphy Larson Ranch  
Routt County, Colorado  
WSG # 19-1035

5

5. Discharge from spas, pools and water treatment systems should not be directed to the OWTS. The chemical and hydraulic loading from these features can permanently damage the STA.
6. The OWTS treatment process is based on naturally occurring biological processes. Discharge of various harsh chemicals, solvents, excessive oil and grease and non-organic wastes to the system can damage or limit biological treatment processes, reducing system performance and life. These materials should not be directed to the OWTS.

### **LIMITATIONS**

Site and soil evaluations and design report were conducted and prepared by Harold Schlicht (Colorado P.E. No. 30299). This report and design are based on the evaluations and were completed in accordance with the Routt County On-Site Wastewater Treatment System Regulations (2014) and using currently accepted OWTS design procedures and standard of care for the profession at the time of service.

This report has been prepared for the exclusive use of WSG's client for the specific application indicated. No warranties express or implied, are made. Changes to the stated proposed construction and usage or addition of wastewater generating features may require changes to the OWTS.

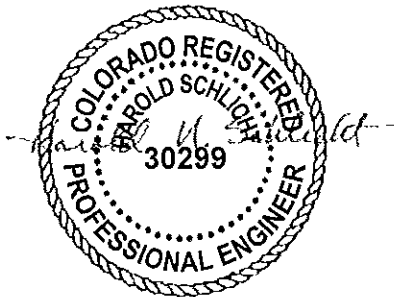
Please be advised that construction or alteration of an OWTS requires a valid permit from the Routt County Department of Environmental Health ((970)-870-5588).

On-Site Wastewater Treatment System Design  
Proposed Janes Residence  
Lot 9, Murphy Larson Ranch  
Routt County, Colorado  
WSG # 19-1035

6

WSG appreciates the opportunity to be of service to you on this project. If you have any questions concerning the enclosed information or if we can be of further service to you in any way, please do not hesitate to contact us.

Very Truly Yours,  
Western Slope Geotech, Inc.



Harold Schlicht, PE  
Principal Engineer

Cc: Al Leiser – Vertical Arts  
Ron Davies – Fair & Square Construction

N  
No Scale



## OWTS VICINITY PLAN

Project Name: Proposed Janes Residence

Location: Lot 9, Murphy Larson Ranch, Routt County, CO



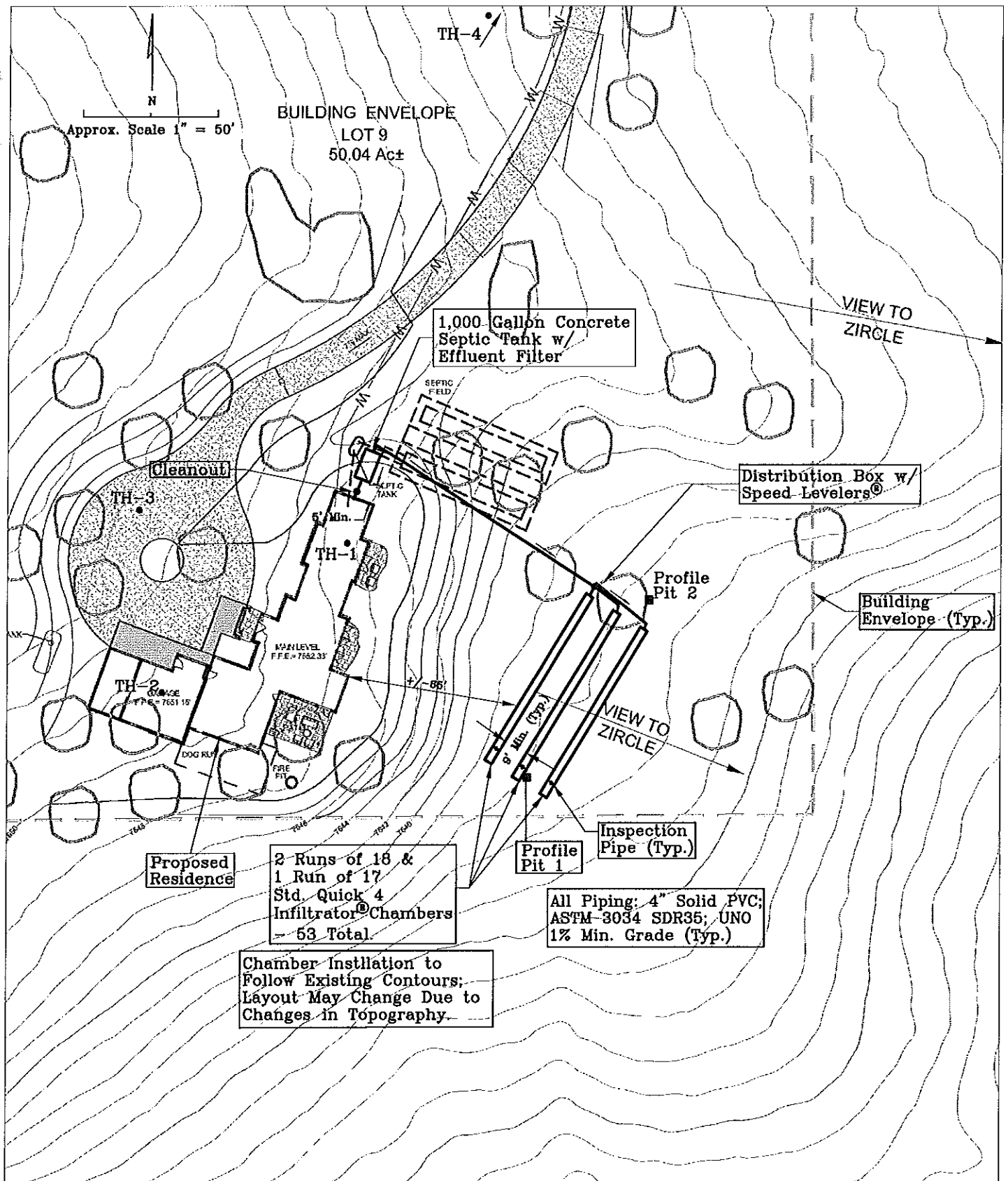
STEAMBOAT SPRINGS  
COLORADO

Project No.: 19-1035

Date: 10/2/19

Drawn/Checked: HS

Figure No.: 1



## OWTS SITE PLAN

Project Name: Proposed Janes Residence

Location: Lot 9, Murphy Larson Ranch, Routt County, CO



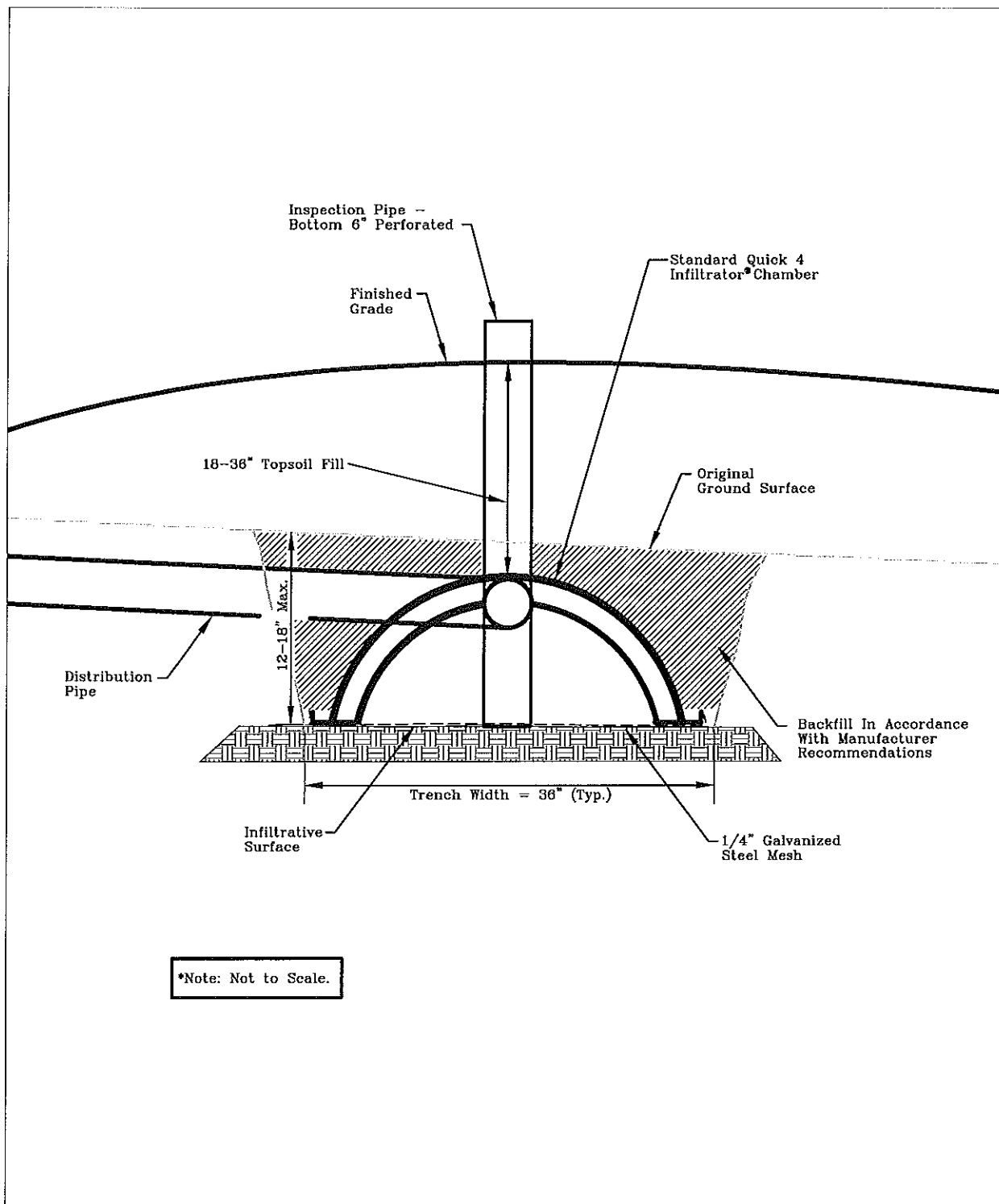
STEAMBOAT SPRINGS  
COLORADO

Project No.: 19-1035

Date: 10/2/19

Drawn/Checked: HS

Figure No.: 2



## INFILTRATION CHAMBER SYSTEM - TYPICAL CROSS SECTION

Project Name: Proposed Janes Residence



STEAMBOAT SPRINGS  
COLORADO

Location: Lot 9, Murphy Larson Ranch, Routt County, CO

Project No.: 19-1036

Drawn/Checked: HS/HS

Date: 10/2/19

Figure No.: 3

**TH-1**  
Elev = 7649'

**TH-2**  
Elev = 7651'

**TH-3**  
Elev = 7656'

**TH-4**  
Elev = 7651'

Depth  
(feet)

0

5

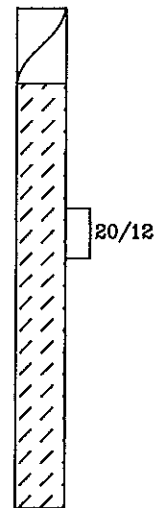
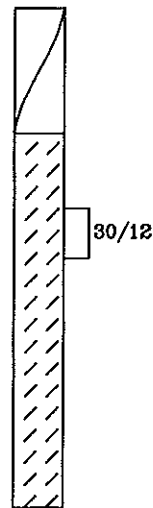
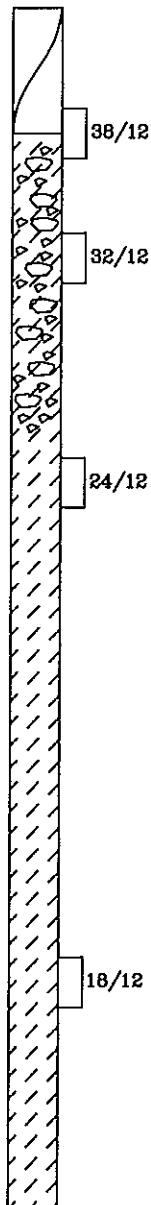
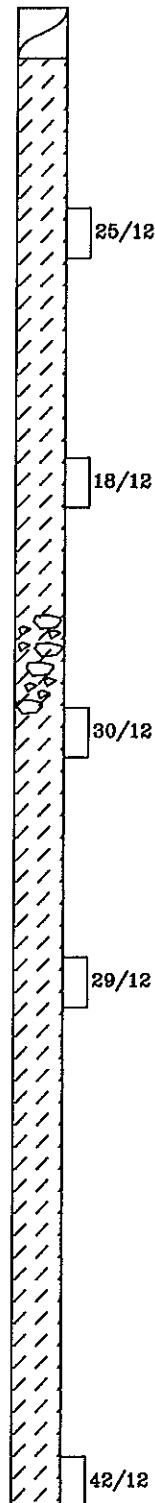
10

15

20

25

30



Depth  
(feet)

0

5

10

15

20

25

30

## LOGS OF EXPLORATORY TEST HOLES

Project Name: Proposed Janes Residence

Location: Lot 9, Murphy Larson Ranch, Routt County, CO



STEAMBOAT SPRINGS  
COLORADO

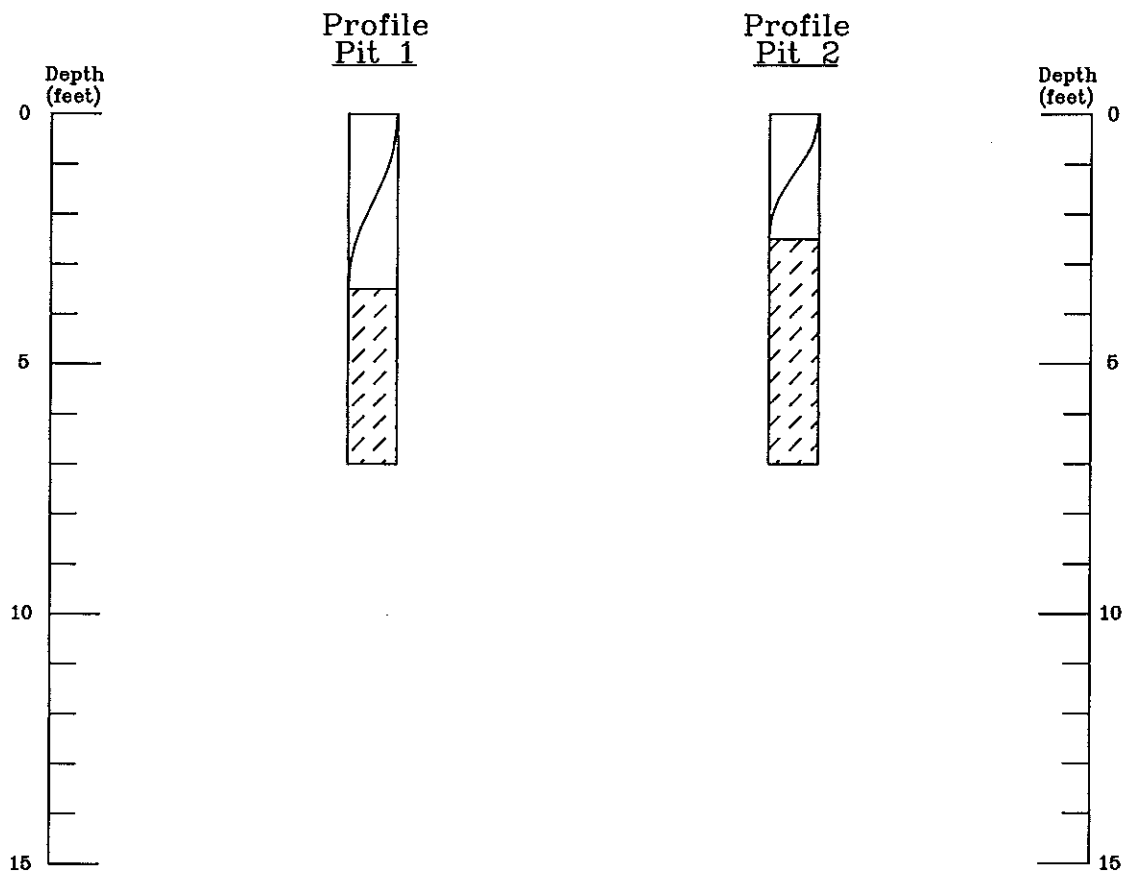
Project No.: 19-1035

Date: 10/2/19

Drawn/Checked: HS/HS

Figure No. 4





**Legend:**



TOPSOIL/ORGANICS OVER SANDY SILT-LOAM



LEAN TO FAT CLAY: Slightly sandy to sand and clay with scattered gravel, moderately to highly plastic, stiff to hard, moist to very moist and light brown.

**Notes:**

- 1) Test pits were excavated on 9/9/19 with a Bobcat E55 trackhoe.
- 2) Test holes were drilled on 8/19/19 with a CME 45 drill rig using 4" Dia. continuous flight augers.
- 3) Locations of test pits were determined by pacing from staked building corners and building envelope corners.
- 4) Test pit elevations were not determined and logs are drawn to the depths explored.
- 5) Lines between materials types are approximate and transitions may be gradual.
- 6) Groundwater measurements were made at the time of excavation and levels may vary.

**LOGS, LEGEND & NOTES**

Project Name: Proposed Janes Residence

Location: Lot 9, Murphy Larson Ranch, Routt County, CO



**WESTERN SLOPE  
GEOTECH**

STEAMBOAT SPRINGS  
COLORADO

Project No.: 19-1035

Date: 10/2/19

Drawn/Checked: HS/HS

Figure No. 5

## APPENDIX A

### DESIGN CALCULATIONS & SETBACK REQUIREMENTS

#### A. Sewage Volume Calculations

1. Residence – 3 Bedrooms: 450 gpd (per Table 6-1<sup>1</sup>)
2. Design Flow:  $Q = 450$  gpd

#### B. System Sizing

1. Treatment Level: TL-1
2. Soil Treatment Area (STA) Sizing
  - a. Soil Type 2A
  - b. LTAR: 0.50 gpd/ft<sup>2</sup> (per Table 10-1<sup>1</sup>)
  - c.  $STA = Q/LTAR = 450/0.5 = 900$  ft<sup>2</sup>
  - d. Adjustment Factor – Chambers = 0.70
  - e. Adjustment Factor – Gravity Flow - Trench = 1.0
  - f.  $STA \text{ (Adjusted)} = 900 \text{ ft}^2 \times 0.70 \times 1.0 = 630 \text{ ft}^2$
  - g. Number of Chambers =  $630 \text{ ft}^2 / 12.0 \text{ ft}^2/\text{chamber} = 53$
  - h. Contour Loading Rate (CLR) =  $450 \text{ gpd} / 212 \text{ lf} = 2.1 \text{ gpd/lf}$
  - i. Septic Tank – 3-Bedroom Residence): 1,000 gallon minimum, concrete
  - j. Effluent Filter: Yes
3. STA Setback Requirements
  - a. Property Line: 10 ft.
  - b. Dry Gulch: 25 ft.
  - c. Water Supply Line: 25 ft.

<sup>1</sup> Roult County On-Site Wastewater Treatment System Regulations (2014)

## APPENDIX B

### SPECIFICATIONS

- A. Installer and owner must comply with all requirements contained in Routt County On-Site Wastewater Treatment System Regulations. Plumbing shall meet current plumbing codes.
- B. OWTS components shall be installed at the approximate locations, depths and grades as indicated on the plans. Variations from the plans may be required due to variations in topography, building site location and elevation. If variations are necessary, WSG must be contacted for approval. A preconstruction meeting is strongly recommended to discuss system layout, construction and inspection requirements and to reduce potential changes to OWTS plans.
- C. Engineer (WSG) must be contacted at least 24 hours in advance for necessary inspections/observations of installed OWTS components including:
  - 1. Building sewer, tank discharge and distribution piping;
  - 2. Septic tank, inlet and outlet Ts and effluent filter;
  - 3. Distribution piping, chambers and/or washed rock;
  - 4. Pressurized piping shall be pressure tested as directed by engineer;
  - 5. Approved mound fill – classification, depth and dimensions (when applicable);
  - 6. Approved pumping components and testing (when applicable);
  - 7. Approved mechanical filter units, automatic distribution valves and other mechanical components (when applicable);
  - 8. Contractor shall assist engineer in compiling as-constructed system information including product information and 2-point ties to permanent component and/or site features.
- D. All system gravity piping shall consist of 4-inch solid or perforated PVC meeting or exceeding ASTM 3034/SDR35 requirements. Joints shall be watertight, cemented/bonded or gasketed.
  - 1. All piping shall be bedded and shaded with fine grained on-site or imported material. Bedding and shading will be installed such that it shall provide uniform support and protection to piping.
  - 2. Trenching and component backfill shall be uniformly compacted to at least 95% of the standard Proctor density near optimum moisture content, unless noted otherwise.
  - 3. Provide minimum 24 inches soil cover over all piping and components, unless otherwise noted. Provide cleanouts at min. 100' intervals.
- E. Infiltration chambers shall consist of Infiltrator<sup>®</sup> Quick 4 or other approved product. Manufacturer's recommendations for installation and backfill shall be observed for all components. Inspection pipes shall be provided one per trench located near end of trench.
- F. Septic tank inlet and outlet piping shall be supported by compacted (Min. 80% Relative density (ASTM D4253/4254)) screened or washed rock fill (or other suitable structural fill) where piping enters and leaves the tank excavation limits. Risers and securable access ports shall be watertight and extend to or be exposed at final grades.
- G. Absorption (STA) areas shall be fenced off from construction or other activity that contributes to disturbance or soil compaction. Absorption field (STA) construction shall not be commenced during periods of high soil moisture content to minimize disturbance and smearing of infiltrative surfaces.
- H. Finished grading shall be sloped to provide positive drainage away from all STA surfaces. Surface and subsurface runoff, foundation drains and other sources of water located upslope of the absorption field shall be directed away from absorption field areas by grading, ditching, piping or use of subsurface drainage collection and discharge systems.
- I. Pumping, mechanical systems and electrical systems and controls shall be installed by qualified installers and shall meet all applicable local plumbing and electrical code requirements.
- J. Imported fill materials used for seepage beds and trenches, mound fill or other seepage and distribution related components shall be approved by WSG prior to transportation to the site.
- K. It is the responsibility of the installer and owner to comply with and maintain all setback requirements throughout the life of the system.

4

5

2