

PROJECT DESCRIPTION

An onsite wastewater system specifying enhanced treatment using alternative technology is proposed to serve new development of a two bedroom dwelling to be constructed on Helen Way, Lost Gatos in Santa Clara County, California. An "alternative" system with subsurface drip dispersal is specified to provide supplemental treatment of the wastewater discharged on the site to address the steep slopes and limited space on the subject property.

- CONSTRAINTS & DESIGN CRITERIA
- The proposed dual drainfield system is designed to serve a 2 bedroom dwelling with a design wastewater flow of 300 gallons per day (gpd) per County DEH guidelines. The AdvanTex™ wastewater treatment system specified can accommodate an average wastewater flows of 600 gpd.
 - Drip dispersal is specified to address slope gradients over 40%.
 - Soil profiles did not exhibit any evidence of seasonally high groundwater conditions.
 - No wells, springs or watercourses are situated within 100' of the proposed Onsite Wastewater Treatment System.

- SPECIFICATIONS
1. Building Sewer Lines, Proposed Attenuation (Emergency Capacity) Tank & Proposed Processing Tank
- 1.1. A 4" ABS building sewer line shall be installed to convey all raw sewage from dwelling to the processing tank. All gravity sewer piping must maintain a minimum 2% continuous gradient. **All wastewater including graywater shall be discharged to the attenuation tank.**
 - 1.2. Locate 2-way, 4" ABS cleanout fittings on the building sewer to facilitate snaking and line location.
 - 1.3. A 1,500 gallon Roth sewage ejector pump tank (no baffle) with a OSI PFSW5011 solids-handling pump and float tree for on-demand dose operation. The tank shall be installed according to the manufacturers guidelines including anti-floatation specifications. The tank shall have 24" diameter OSI access risers with fiberglass, bolt-down lids (brown). Sewage pump and connected 2" diam pressure transport piping shall be capable of passing a 1-1/4 inch (38 mm) diameter solid ball and shall have a backwater valve and gate valve. Note: This sewage ejector lift station shall conform to current California Plumbing code.
 - 1.4. A 1,500 gallon, watertight, PRELOS, Meander tank, from Orenco Systems®, Inc.(OSI), is specified for use as a processing tank with the proposed AdvanTex™ (Mode 3B) treatment system. The tank shall have a 30" diameter OSI access riser with fiberglass, bolt-down lids (brown). The tank shall be installed according to the manufacturers guidelines including the 6" concrete collar above tank flange to prevent floatation.
 - 1.5. The tank hole shall be excavated so that the tanks sit level. Riser heights will be determined by tank burial depth (ideally 12" to 24"). Risers shall be installed 2" above finished grade. Install the access risers with a watertight joint using the adhesives supplied by manufacturer.
 - 1.6. Install the tank inlet fittings with a watertight joint. Cap off or use a test plug on this fitting and fill the tank with clean water 2" above the joint between the riser and the tank top. Repair any leaks.
 - 1.7. Obtain a watertight tank inspection by DEH and the designer or distributor with 24 hours notice to each.
 - 1.8. Install the recirculating splitter valve (RSV) according to the installation manual instructions.

2. AdvanTex™ Treatment System
- 2.1. An AdvanTex™ treatment system includes a Biotube® pump package for recirculation, RSV, split-flow tee, a AX20 packed-bed filter pod and a telemetry-enabled VeriComm® control panel. Filter pod lid shall be brown unless otherwise requested.
 - 2.2. Install the AdvanTex™ system according to the installation instructions and in the location shown on the plan. The filter pod shall be installed with the lid (brown) 2"-4" above final grade. A more shallow burial is possible, but only if approved by the property owner.
 - 2.3. The pressurized transport pipe from the recirc. pump to the filter pod shall be 1.0" schedule 40 PVC. This pressurized line shall be plumbed to the side of the pod opposite of the 2" gravity drain (vent side).
 - 2.4. The filtrate gravity return pipe from the filter pod to the RSV and on to the discharge pump basin shall be 2" schedule 40 PVC. **Assure continuous fall on the return piping as venting through this pipe is critical.**
 - 2.5. Test the squirt height on the filter pod. It should be approximately 3'-4' high.

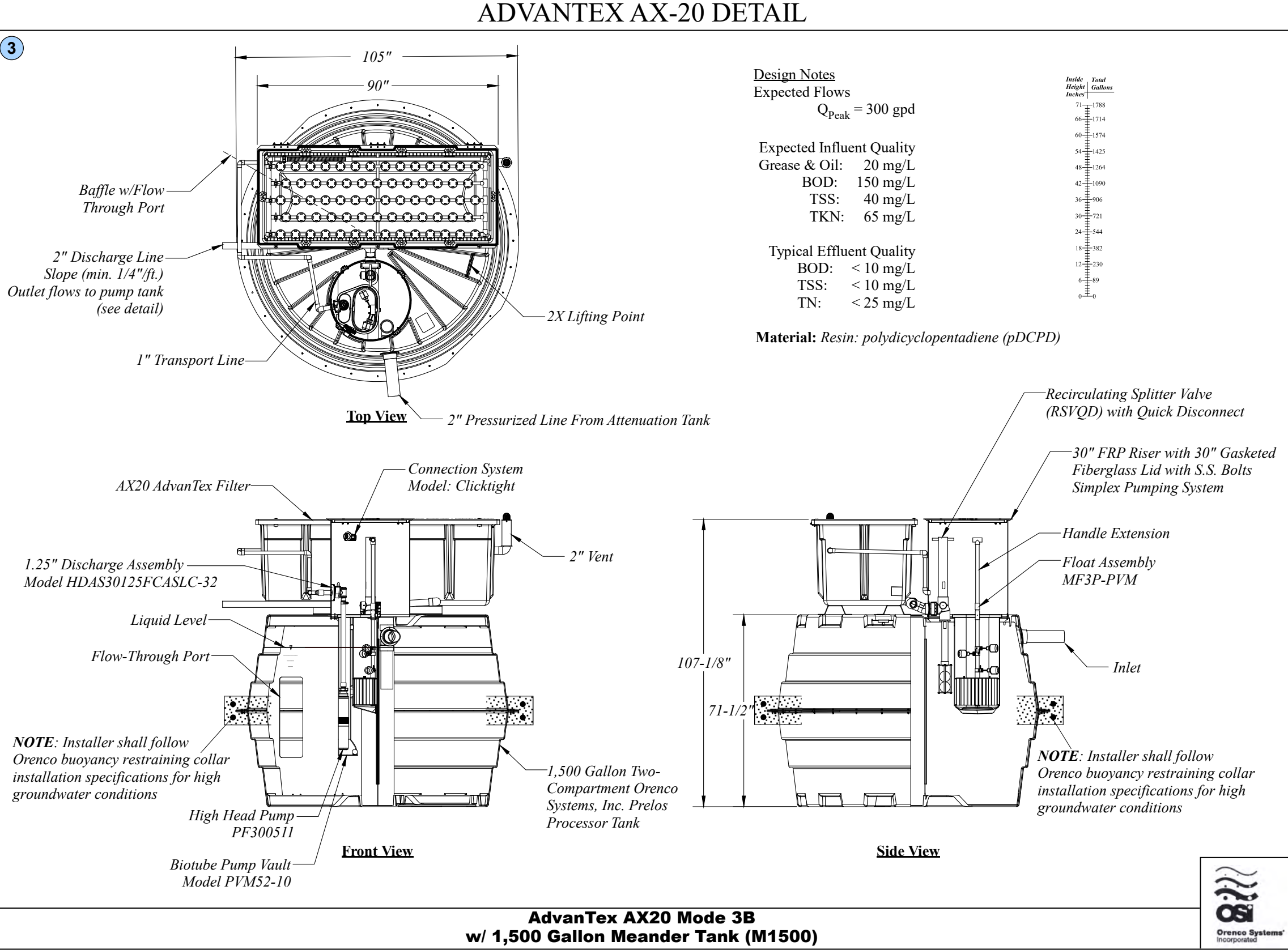
3. Discharge Pump Tank and Transport Piping
- 3.1. A 500 gallon Roth pump tank shall be installed adjacent to the processing tank. The tank shall have a 24" diameter OSI access riser with fiberglass, bolt-down lid. Riser height will be determined by tank burial depth (ideally 12" to 24"). Riser shall be installed 2" above finished grade. Install the access riser with a watertight joint using the adhesives supplied by manufacturer.
 - 3.2. The pump tank shall be installed according to the manufacturer's instructions including anti-floatation specifications and be made watertight.
 - 3.3. Install the pump and float tree according to the instructions provided by manufacturer/dealer.
 - 3.4. A 1/2 hp OSI high head effluent pump (PF1005) is specified for pressurized dispersal discharge.
 - 3.5. The filtrate **transport pipe to dispersal system shall be 1.0" schedule 40 PVC.**
 - 3.6. Concrete thrust blocks, or equivalent restraint, shall be provided at sharp changes in piping direction.

4. Subsurface Drip Dispersal System
- 4.1. Approximately 1,000 lineal feet of Geoflow PC drip tubing (with 0.5gph emitters spaced 12" apart) shall be installed with a minimum of 12" lateral spacing covering an area of at least 1,000 square feet in the configuration shown on the plan. The drip field shall be divided evenly into two zones. The 8 air/vacuum relief valves specified shall be supplied by Geoflow.
 - 4.2. The drip dispersal field shall be installed according to the instructions in the Geoflow installation manual. Installer shall assure that each drip lateral be installed in such a manner as to reduce the potential of low head drainage as described in the installation manual. The actual location and layout of the dispersal field may vary per owner's, landscaper's or installer's discretion with approval by designer.
 - 4.3. The drip tubing lines shall be buried 8"-10" deep and spaced no closer than 12" apart. The supply header shall be installed 12" - 18" below grade. It may be easier to install the drip tubing first, and the supply and return headers afterwards. Great care must be taken to keep dirt out of the drip tubing and supply and return piping. All piping shall be thoroughly flushed and pressure tested prior to use.
 - 4.4. The drip field flush return line is specified to be routed to tank inlet.
 - 4.5. All pressurized piping shall be schedule 40 PVC and labelled according to current UPC requirements "treated wastewater - do not drink". Pressure piping shall be pressure-rated to 150 psi and solvent welded.
 - 4.6. Concrete thrust blocks, or equivalent restraint, shall be provided at sharp changes in piping direction.
 - 4.7. Drainfield shall meet Santa Clara County guidelines for Tree Protection and Preservation for Land Use Applications. Refer to the Santa Clara County Ordinance C-16 Tree Preservation Removal.

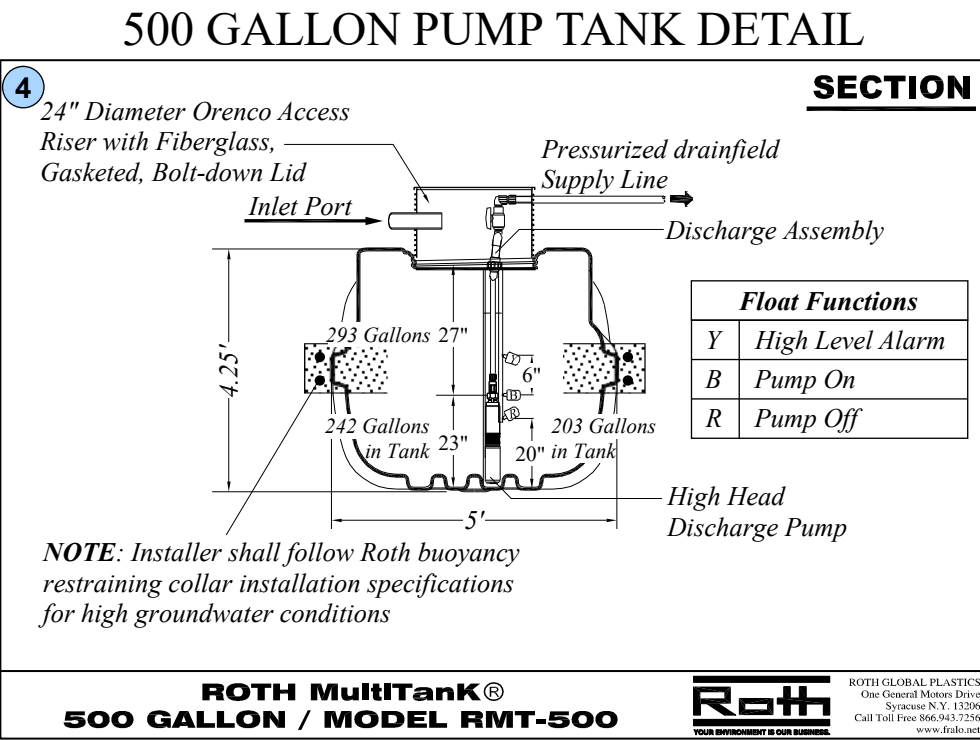
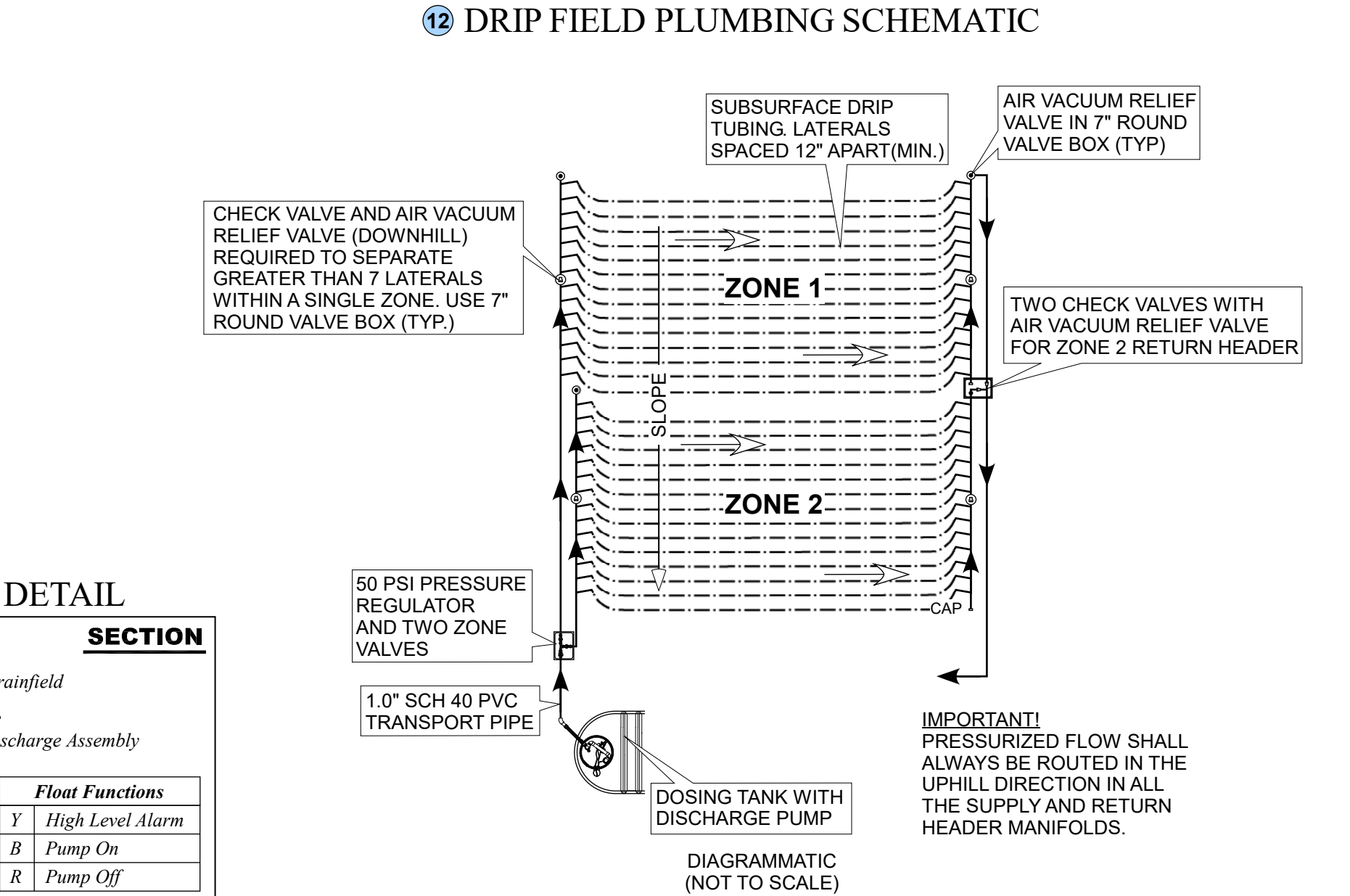
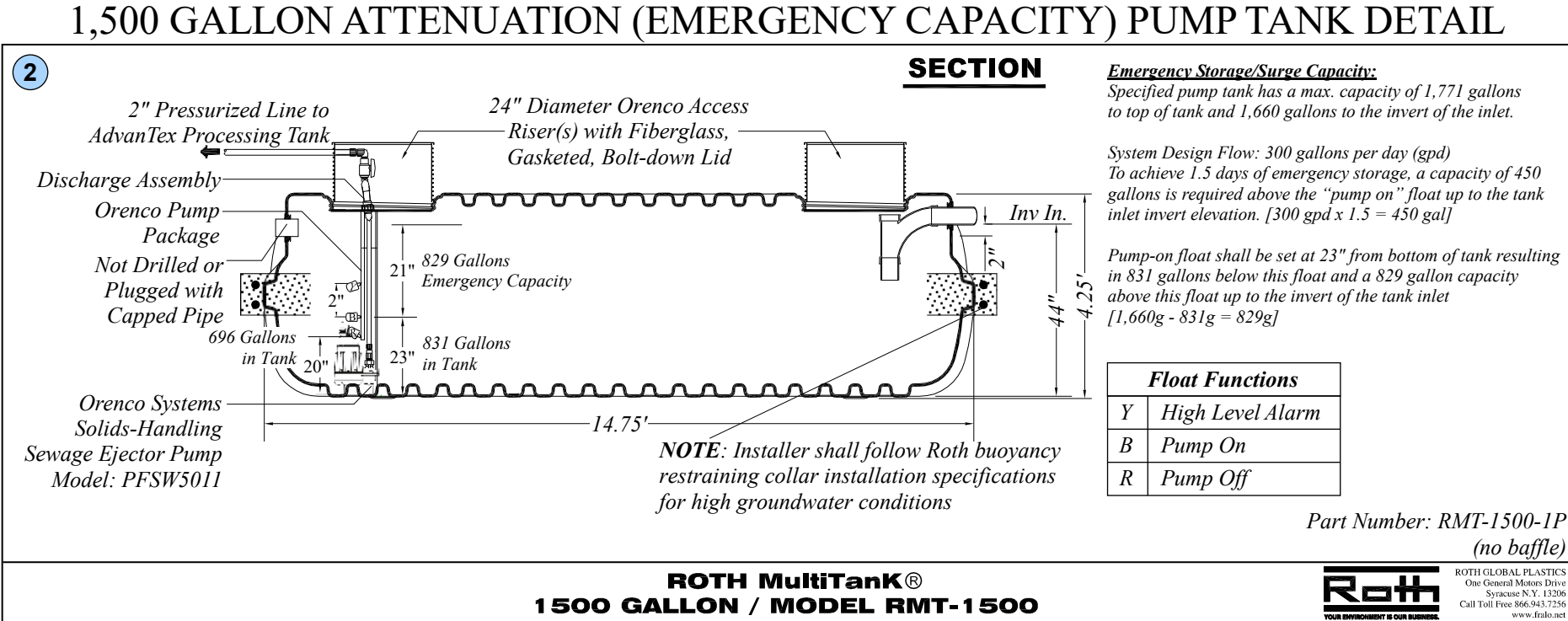
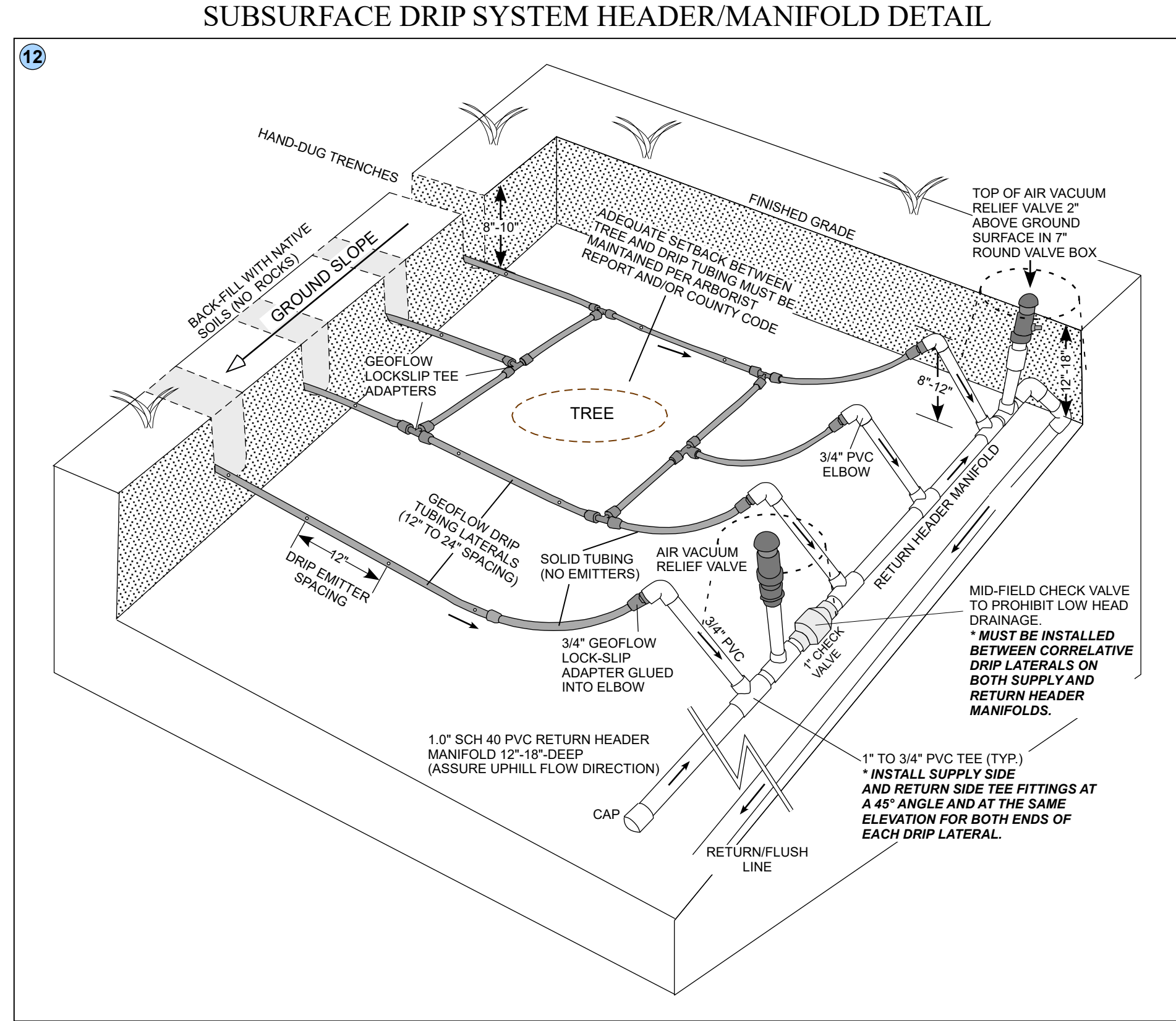
5. Installer Qualifications and Responsibilities
- 5.1. The system installer shall be licensed by the State of California, Department of Consumer Affairs, to install septic systems. Installer certification is required by the local AdvanTex™ dealer. The installer is required to fully read and understand the AdvanTex™ and Geoflow manuals prior to the commencement of work.
 - 5.2. All piping shall conform to the current edition of the Plumbing Code.
 - 5.3. The installer shall be responsible for locating any property lines, underground utilities or piping. Any damage to these facilities shall be the responsibility of the installer.
 - 5.4. A pre-construction conference with designer, DEH inspector and dealer/service provider shall be arranged prior to the commencement of work. Pre-construction conference should include construction procedures, staking or marking of the drip lines, supply and return piping, pump system and appurtenances to be provided. Construction inspections, watertight tank test inspection, AdvanTex™ installation inspection, and final operation of system shall be made by designer (BioSphere Consulting) or local distributor and system service provider and the County of Santa Clara Department of Environmental Health (408-918-3400). Construction inspection should include inspection of the following: water tightness of effluent dosing (pump) tank, drip field layout, piping materials and installation, and all associated valves and connections, hydraulic testing of the drip system and functionality and setting of all control devices. Final inspection shall be performed in order to verify that all construction elements are in conformance with the approved plans, specifications, and manufacturer recommendations; all inspection wells are installed; and erosion control has been completed. The installer shall give at least 48 hours notice to each party for all inspections. Designer shall provide final installation approval letter and as-built drawings per DEH requirements.

6. Electrical Work
- 6.1. The VeriComm® control panel with Logo screen and 110 outlet shall be installed in the location shown on the map with the bottom of the panel box at ~50" from the ground surface.
 - 6.2. One, 20 amp, 120V electrical circuit and two, 20 amp, 230V electrical circuits shall be extended to the VeriComm® panel in a single conduit. Underground circuits in separate conduits shall be installed from the panel to the recirculation pump and discharge pump. A separate underground conduit containing a live CAT5 phone line shall be installed to the VeriComm® panel. The system will not be finalized until everything (including panel telemetry) is functional.
 - 6.3. All work shall conform to the California Electrical Code and the contractor shall be responsible for obtaining any electrical permits required.
7. Site Clean up and Erosion Control Measures
- 7.1. All excavated areas shall be smoothed and all construction debris shall be removed from the site.
 - 7.2. All disturbed soils shall be seeded and mulched. Erosion Control Mix seed shall be used at the coverage recommended on the package for all disturbed soil.
 - 7.3. Straw shall be used to cover all disturbed soil.
 - 7.4. PER DIVISION C12, CHAPTER III OF THE COUNTY CODE (Sec. C12-513. Temporary erosion control.)
"The permittee and any person(s) doing, causing or directing the grading shall install and maintain all precautionary measures necessary to protect adjacent watercourses or public or private property from damage by erosion, flooding, or deposition of mud or debris originating from the site. Precautionary measures must include provisions of properly designed erosion prevention and sediment control measures, so that downstream properties are not affected by upstream erosion or sediment transport by stormwater."

8. Operating Permit for Alternative OWTS
- 8.1. In addition to the installation permit, an operating permit is required for alternative OWTS per section B11-92 of the Santa Clara County Ordinance.
 - 8.2. The operating permit will be issued after completion of the septic system installation and final inspection.
 - 8.3. The operating permit is subject to renewal, fees and will be recorded on the deed to the property by the County Recorder of Santa Clara County.



- SYSTEM OPERATION AND MAINTENANCE
- The owner should read and operate the system according to the AdvanTex™ & Geoflow operation and maintenance literature.
 - Orenco requires biannual maintenance servicing of the AdvanTex™ by a qualified technician.
 - County Environmental Health will issue an OWTS Annual Operating Permit and requires that the property owner maintain a system service agreement/contract with a qualified third-party service provider. This requirement will be placed on the title deed for the property.
 - The drip fields shall be automatically flushed one zone at a time every 12 months at a minimum. This is done by the control panel software. No drip zone should be left dormant (un-dosed) for more than a few weeks at a time.
 - The treatment tank is alive with important microorganisms. Do not add any materials (paint thinner, paint, motor oil, unused medicine, etc.) that may disrupt the biologic treatment process. The primary tank should be pumped when the total of the scum/sludge thickness is greater than 1/3 of the total liquid level depth.
 - DO NOT ROUTE WATER SOFTENER BACKFLUSH DISCHARGE TO TREATMENT SYSTEM!** This discharge may be routed directly to a drainfield trench or an approved dispersal field.
 - Repair all plumbing leaks (especially toilet leaks) promptly.



COUNTY E.H. ACCEPTANCE/APPROVAL STAMPS

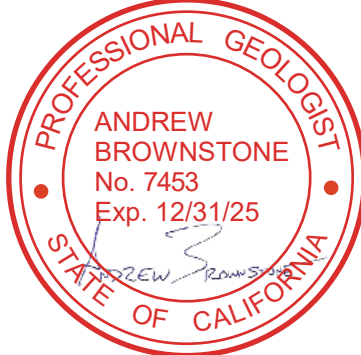
BioSphere Consulting
Incorporated
Alternative Wastewater System Design
1315 King Street
Santa Cruz, CA 95060
Tel: (831) 430-9116
www.biosphere-consulting.com

- Site Evaluation & Mapping
- Soil Analysis & Percolation Testing
- New Development, Upgrade & Repairs
- Residential & Commercial

ONSITE WASTEWATER TREATMENT SYSTEM DESIGN PLAN

Project Location:	Helen Way, Los Gatos, California	[Santa Clara County]
Property Owner:	Roman Piglitsin	
Mailing Address:	1008 Andy Circle, Sacramento, CA 95838	
Owner Phone #:	(925) 658-8534	email: info@biosphereconnection.com
Date:	03/19/21	By: David Quinn / Andrew Brownstone
REVISION:	03/08/25	Job No.: 19006 APN: 544-39-035

Sheet: 2 OF 3



SOIL PROFILE FIELD LOG

Job Number/Name: Job 19004 - Piglitin Location: Helen Way Los Gatos APN 544-39-035

Date Soil Sampled: 4/26/19 Time: PM Vegetation: varied trees

Elevation: 54' Slope Gradient: ~40% Aspect: south Geomorphic Surface: Base of Slope

Parent Material(s): Described by: Andrew Brownstone

GRAPHIC LOG

Sample Depth	Moisture	Structure	Pores	Mottles	Clay Films	Gravel	Roots	Consistence	Texture	Color	Horizon	Contacts
0	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
1	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
2	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
3	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
4	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
5	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
6	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
7	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
8	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
9	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
10	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
11	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
12	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
13	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
14	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a

SOIL PROFILE FIELD LOG

Job Number/Name: Job 19004 - Piglitin Location: Helen Way Los Gatos APN 544-39-035

Date Soil Sampled: 4/26/19 Time: PM Vegetation: varied trees

Elevation: 54' Slope Gradient: ~40% Aspect: south Geomorphic Surface: Base of Slope

Parent Material(s): Described by: Andrew Brownstone

GRAPHIC LOG

Sample Depth	Moisture	Structure	Pores	Mottles	Clay Films	Gravel	Roots	Consistence	Texture	Color	Horizon	Contacts
0	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
1	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
2	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
3	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
4	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
5	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
6	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
7	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
8	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
9	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
10	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
11	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
12	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
13	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
14	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a

SOIL PROFILE FIELD LOG

Job Number/Name: Job 19006 - Piglitin Location: Helen Way Los Gatos APN 544-039-035

Date Soil Sampled: 06/12/19 Time: PM Vegetation: SAO

Elevation: SAO Slope Gradient: <30% Aspect: SAO Geomorphic Surface: SAO

Parent Material(s): SAO Described by: Andrew Brownstone

GRAPHIC LOG

Sample Depth	Moisture	Structure	Pores	Mottles	Clay Films	Gravel	Roots	Consistence	Texture	Color	Horizon	Contacts
0	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
1	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
2	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
3	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
4	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
5	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
6	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
7	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
8	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
9	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
10	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
11	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
12	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
13	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a
14	dry	m	g	f	pl	p	m	f	lo	lo	AB or EB	a

PUMP SELECTION CHART (PRIMARY - ZONE 1)

PIGLITIN

Parameters

Discharge Assembly Size	1.00	inches
Transport Length	5	feet
Transport Pipe Class	40	inches
Transport Line Size	1.00	inches
Distributing Valve Model	None	
Max Elevation Lift	5	feet
Design Flow Rate	4.4	gpm
Flow Meter	None	inches
Add-on Friction Losses	87	feet

Calculations

Transport Velocity	1.8	fps
--------------------	-----	-----

Frictional Head Losses

Loss through Discharge	0.9	feet
Loss in Transport	0.1	feet
Loss through Valve	0.0	feet
Loss through Flowmeter	0.0	feet
Add-on Friction Losses	87.0	feet

Pipe Volumes

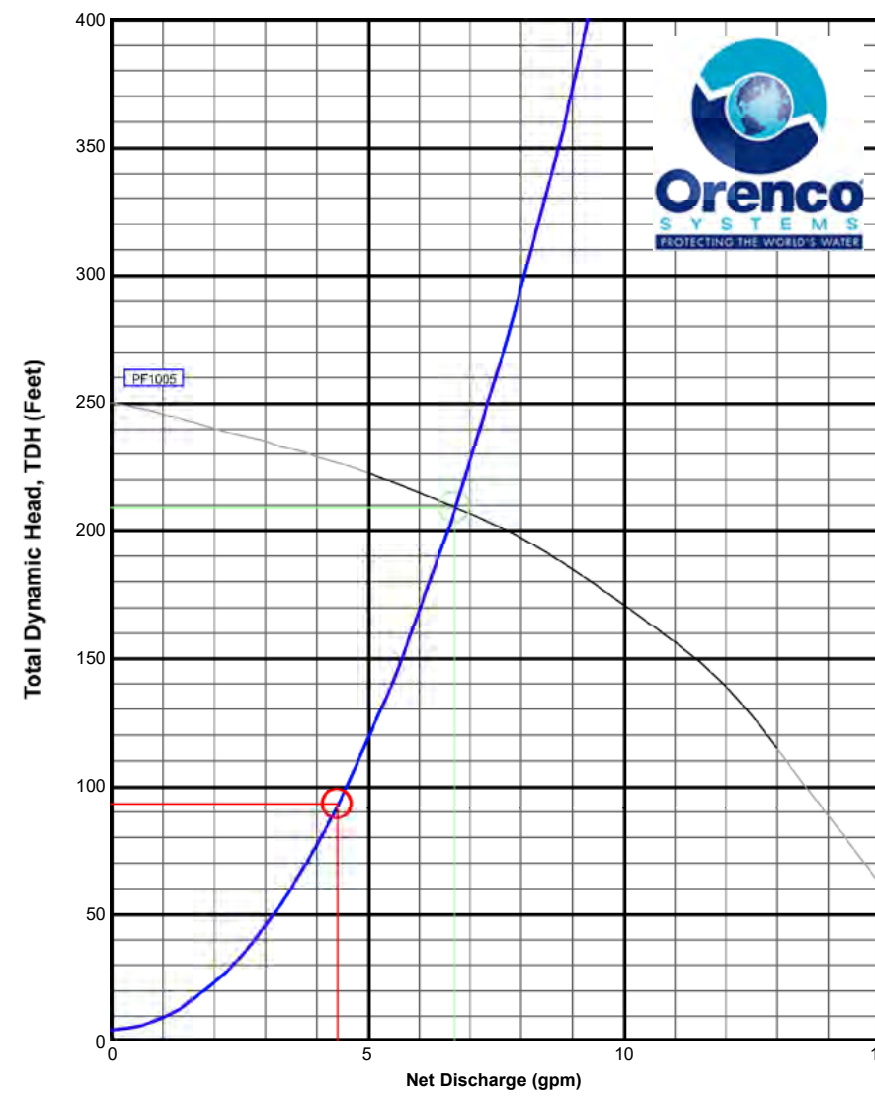
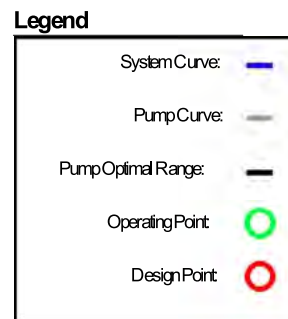
Vol of Transport Line	0.2	gals
-----------------------	-----	------

Minimum Pump Requirements

Design Flow Rate	4.4	gpm
Total Dynamic Head	92.9	feet

PumpData

PF1000 High Head Effluent Pump	10 GPM, 120V	
115/230V 10 60Hz, 200V 30 60Hz		



GEOFLOW SUBSURFACE DRIP

Updated Sept 2019

FIELD FLOW

Job Description: Piglitin

Contact: Andrew Brownstone

Prepared by: Samantha Orozco

Date: 12-Mar-21

Please fill in the shaded areas and drop down menus:

Worksheet 1 - Field Flow

Total field

Total Quantity of effluent to be disposed per day	300	gallons / day
Hydraulic loading rate	0.6	gallons / sq. ft. / day
Minimum Dispersal Field Area	500	square ft.
Total Dispersal Field Area	500	square ft.

Flow per zone

Number of Zones	1	zone(s)
Dispersal area per zone	500	square ft.
Choose line spacing between WASTEFLOW lines	16	ft.
Choose emitter spacing between WASTEFLOW emitters	16	ft.
Total linear ft per zone (minimum required)	500	ft. per zone
Total number of emitters per zone	500	emitters per zone
Selected Wasteflow dipline (16mm)	Wasteflow PC - 1/2gph	dipline
Pressure at the beginning of the dipline	25	psi
Flow rate at the beginning of the dipline	57.8	gpm
What is the flow rate per emitter in gph?	0.63	gph
Dose flow per zone	4.42	gpm

Select Filters and zone valves

Select Filter Type	BioDisc Filter	
Recommended Filter (Item no.)	BioDisc Filter-150	1.5in x 30 gpm
Select Zone Valve Type	None	
Recommended Zone Valve (Item no.)	0	0

Dosing

Number of doses per day / zone	12	doses
Time ON - Pump run time per dose/zone	5.60	mins.
Time OFF - Pump off time between doses	1.67	mins.
Per Zone - Pump run time per day/zone	1.13	hrs.
All Zones - Number of doses per day / all zones	12	doses / day
Allow time for field to pressurize	0.500	mins.
Filter flush timer	0.390	mins.secs
Drain timer	5.000	mins.secs
Field flush timer	1.000	mins.secs
Field flush counter	3	cycles
Time required to complete all functions per day	11.1	mins.
Dose volume per zone	25	gallons per dose

GEOFLOW SUBSURFACE DRIP

PUMP SIZING

Job Description: Piglitin

Contact: Andrew Brownstone

Prepared by: Samantha Orozco

Date: 3/12/2021

Please fill in the shaded areas and drop down menus:

Pressure losses may be grossly overstated, particularly if designing with WASTEFLOW Classic. The letters on the diagram(right) match the letters in section 2 below.

Worksheet - Pump Sizing

Section 1 - Summary from Worksheet 1

Flow required to dose field	4.42	gpm
Flow required to flush field	6.66	gpm
Flow required to dose & flush field	11.08	gpm
Filter	BioDisc Filter-150	
No. of Zones	1	zones
Zone valve	Wasteflow PC - 1/2gph	
Dripline	30.00	ft.
Dripline longest lateral	30.00	ft.

Section 2

	Ft of head	Pressure
A. Flush line - Losses through return line		
Select Pipe from dropdown menu	PVC schedule 40	
Select Flush Line Diameter	1" inch	
Length of return line	49 ft.	
Equivalent length of fittings	15 ft.	
Elevation change, (if downhill enter 0)	0 ft.	
Pressure loss in 100 ft of pipe	2.97 ft.	1.28 psi
Total pressure loss from end of dripline to return tank	1.9 ft.	0.82 psi
B. Dripline - Losses through Wasteflow dripline		
Length of longest dripline lateral	30 ft.	
Minimum dosing pressure required at end of dripline	23.10 ft.	10.00 psi
Loss through dripline during flushing	0.29 ft.	0.13 psi
Total min. pressure at inlet to driplines	23.39 ft.	10.13 psi
A+B. Minimum Pressure required at beginning of dripline		
CALCULATED pressure required at entry to driplines	23.39 ft.	10.13 psi
SPECIFIED pressure at beginning of dripline (from worksheet 1)	57.8 ft.	25.00 psi
Great! SPECIFIED Pressure is greater than CALCULATED Pressure requirement. Go to next step		
C. Drip components - Losses through headworks		
Filter	0.6 ft.	0.25 psi
Zone valve pressure loss (not in diagram)	1.73 ft.	0.75 psi
Flow meter pressure loss (not in diagram)	0 ft.	0.75 psi
Other pressure losses	0 ft.	0 psi
Total loss through drip components	2.31 ft.	1.75 psi
D. Supply line - Minimum Pressure head required to get from pump tank to top of dripline		
Select Pipe from dropdown menu	PVC schedule 40	
Select Supply line diameter	1" inch	
Length of supply line	77 ft.	
Equivalent length of fittings	20 ft.	
Height from pump to tank outlet	6 ft.	
Elevation change, (if downhill enter 0)	14 ft.	
Pressure loss/gain in 100 ft. of pipe	7.61 ft.	3.29 psi
Total gain or loss from pump to field	27.4 ft.	11.85 psi
Total dynamic head	87 ft.	37.85 psi
Pump capacity - Field Flush & Dose Flow	11.1 gpm	
Field Dose Flow	4.4 gpm	
Filter Flush Flow	na gpm	
Pump Model Number		
Volts / Hp / phase		

TABLE DD-2. DRIP DISPERSAL SYSTEM MANAGEMENT REQUIREMENTS

	WORK	FREQUENCY
Inspection	- Conduct routine visual observations of drip field, downslope area and surroundings for wet areas, pipe leaks or damage, soil erosion, drainage issues, abnormal vegetation, gophers or other problems. - Conduct routine physical inspections of system components, including valves, filters, and headworks box(es). - Perform special inspections of drip field at time of any landscaping work or other digging in drip field area. - Perform inspections of dosing pump(s) and apertures (per O&M manual and Performance Evaluation Guidelines, Part 5 of this Manual). - Record observations.	Every 6 to 12 months.
Maintenance	- Manually remove and clean filter. - Clean and check operation of pressure reducing valves. - Clean flush valves and vacuum release valves.	- Clean filter every 6 months. - Other maintenance annually.
Water Monitoring & Sampling	- Measure and record water levels in dispersal field monitoring wells, as applicable, per permit requirements. - Obtain and analyze water samples from dispersal field monitoring wells, as applicable, per permit requirements.	According to permit conditions, if applicable.
Reporting	- Report findings to DEH per permit requirements. - Standard report to include dates, monitoring well and other data collected, work performed, corrective actions taken, and performance summary. - Report public health/water quality emergency to DEH immediately.	According to permit conditions, typically every 1 to 2 years, depending on systems size, usage, history, location.

COUNTY E.H. ACCEPTANCE/APPROVAL STAMPS



- Site Evaluation & Mapping
- Soil Analysis & Percolation Testing
- New Development, Upgrade & Repairs
- Residential & Commercial

1315 King Street
Santa Cruz, CA 95060
Tel: (831) 430-9116

www.biosphere-consulting.com

Alternative Wastewater System Design

ONSITE WASTEWATER TREATMENT SYSTEM DESIGN PLAN

Project Location:	Helen Way, Los Gatos, California	[Santa Clara County]
Property Owner:	Roman Piglitin	
Mailing Address:	1008 Andy Circle, Sacramento, CA 95838	
Owner Phone #:	(925) 658-8534	
Date:	03/19/21	By: David Quinn / Andrew Brownstone
Revision:	03/08/23	Job No.: 19006 APN: 544-39-035
Sheet:	3 OF 3	

