

Date Received	State of Alaska Department of Environmental Conservation Documentation of Construction	ADEC Review Date and Initial
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Part I. General Information

Legal Description	Wintergreen Acres, Lot 3 Block 1	
Street Address	3120 W Wintergreen Drive	Tax/ParcelID# 77667
Submitted By	<input checked="" type="checkbox"/> Registered Engineer <input type="checkbox"/> Approved Homeowner <input type="checkbox"/> Certified Installer No. CE 9135	
Installer Name Mailing Address, Email, & Phone	Fonov Construction & Electric LLC, 2255 N Pearl Road, Wasilla, AK 99654 fonov@yahoo.com 907-775-6666	

Part II. Wastewater Disposal

Onsite Wastewater System Serves	<input checked="" type="checkbox"/> Single Family # of bedrooms <u>4</u> <input type="checkbox"/> Duplex Total # of bedrooms _____	
	<input type="checkbox"/> Small Commercial Facility with Estimated Design Flow of less than 500 gpd. - <u>show calcs below</u>	
<input checked="" type="checkbox"/> New System	<input type="checkbox"/> Repair / Replace Existing Components (describe):	
System Installed By:	<input type="checkbox"/> Certified Installer	Installation Notification Date
<input type="checkbox"/> Registered Engineer	<input checked="" type="checkbox"/> Inspection by a Registered Engineer	Date Installed 9-28-24
<input type="checkbox"/> Approved Homeowner	(attach approval letter)	
Septic Tank	Size <u>1250</u> # of Compartments <u>2</u> Material <u>Steel</u>	
	Manufacturer <u>Greer</u> Lift Station Manufacturer <u>N/A</u> Alarms <input type="checkbox"/> Yes <input type="checkbox"/> No	
Type of Soil Absorption System	<input type="checkbox"/> Deep Trench <input type="checkbox"/> Shallow Trench <input type="checkbox"/> Seepage Pit <input checked="" type="checkbox"/> Bed <input type="checkbox"/> Mound	
	<input type="checkbox"/> Infiltrators (# of Units _____ Unit Area _____ sq. ft.) <input type="checkbox"/> Other _____	
Soils	Classification SP Rating - sq ft/bedroom 150	
Soil Absorption Area	Field Dimensions (Length 25 ft Width 24 ft Thickness/Depth of Rock 1.3 ft)	
	Effective Absorption Area 600 SF Size of Rock 3/4" to 1 1/2"	
Perc Test Results	Minutes per Inch _____ Application Rate _____ sq ft / bedroom	
	Performed By N/A (Attach results - sealed and signed by a registered engineer)	
Ground Cover Over	Septic Tank <u>>2</u> ft Absorption Area <u>>2</u> ft Sewer Pipes <u>>2</u> ft	
	Insulation Thickness <u>2</u> in Insulation Thickness <u>2</u> in Insulation Thickness <u>2</u> in	
Cleanout Pipes/Caps	# Cleanout(s) 1 # Septic Tank Vents 2 # of Leach Field Monitor Tubes 2	
Separation Distances from septic tank or absorption area, whichever is closest, to all nearby		
Public drinking water sources <u>N/A</u> ft. Class <u>N/A</u> Private drinking water sources <u>>103</u> ft		
Nearest water bodies (see 18 AAC 72.020(b)) <u>N/A</u> ft Lot Line <u>>10</u> ft		
Separation Distances from On Lot Sewer Lines to Drinking Water Sources - Public N/A Private >25'		
Separation Distances from Bottom of Distribution Rock to - Groundwater Table >4' Impermeable Soils >6'		
Separation Distance from Absorption Area to Slope exceeding 25% > 50'		
Comments / Recommendations / Criteria used to size commercial facility: Excavated topsoil to top of SP layer and backfilled with 3' of classified fill.		
I certify that the above information, and that provided in Section III, is correct:		
Signature <i>Bill Klebesadel</i>	Printed Name William Klebesadel	
Title, Reg/Cert No, Inst No. CE 9135	Date 11-28-24	

NOTE: Must be signed by a Certified Installer, DEC staff or Approved Homeowner. If engineering seal bears printed name, registration number and is signed, those blocks need not be completed for engineered submittals. Do not modify this form.

SEPTIC SYSTEM PLAN VIEW



100' WELL RADIUS

TEST HOLE LOG
 0' - 7' Topsoil (OL)
 7' - 10' Sand (SP)
 w/ trace of silt
 No groundwater
 No impermeable layers
 Design to 150 SF/BR

1250 GALLON
STEEL TANK



WELL

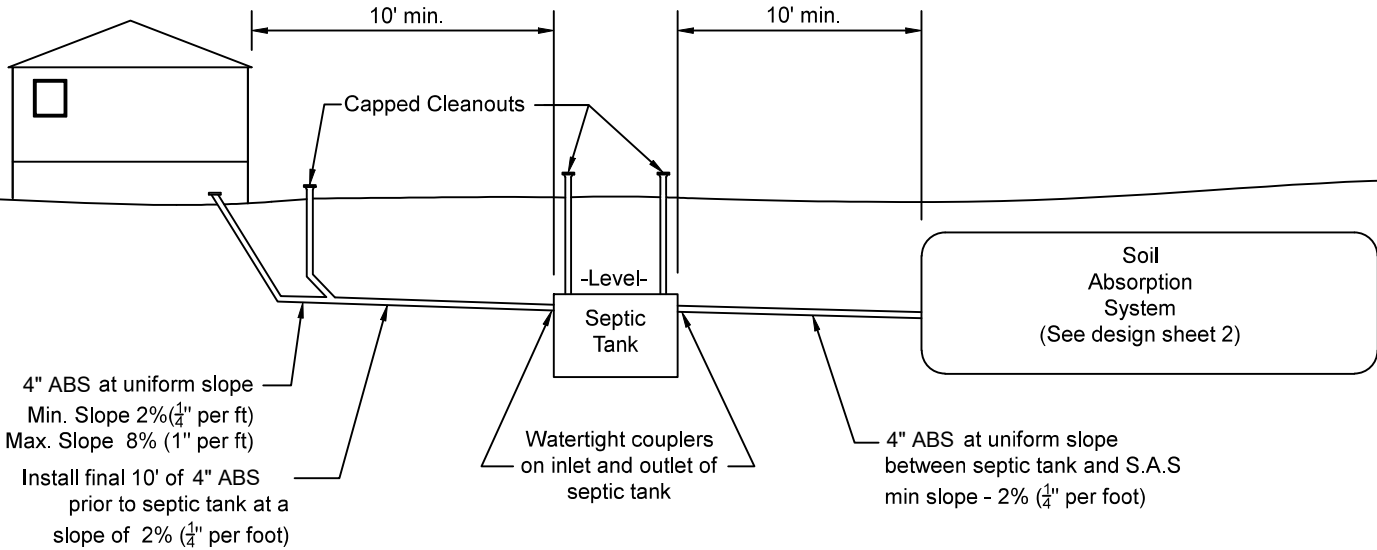
DRIVE WAY

2" INSULATION

24'(W) x 25'(L)
ABSORPTION BED

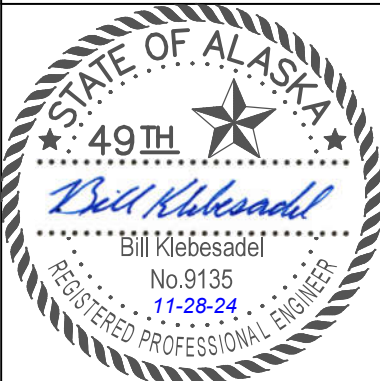
△ = TEST HOLE
 ○ = CLEANOUTS
 ● = MONITORING TUBES
 NOT TO SCALE

SEPTIC SYSTEM PROFILE



NOT TO SCALE

Conventional Single Family Residential SEPTIC SYSTEM AS-BUILT



LEGAL DESCRIPTION: Wintergreen Acres, Lot 3 Block 1

RECORD DRAWING

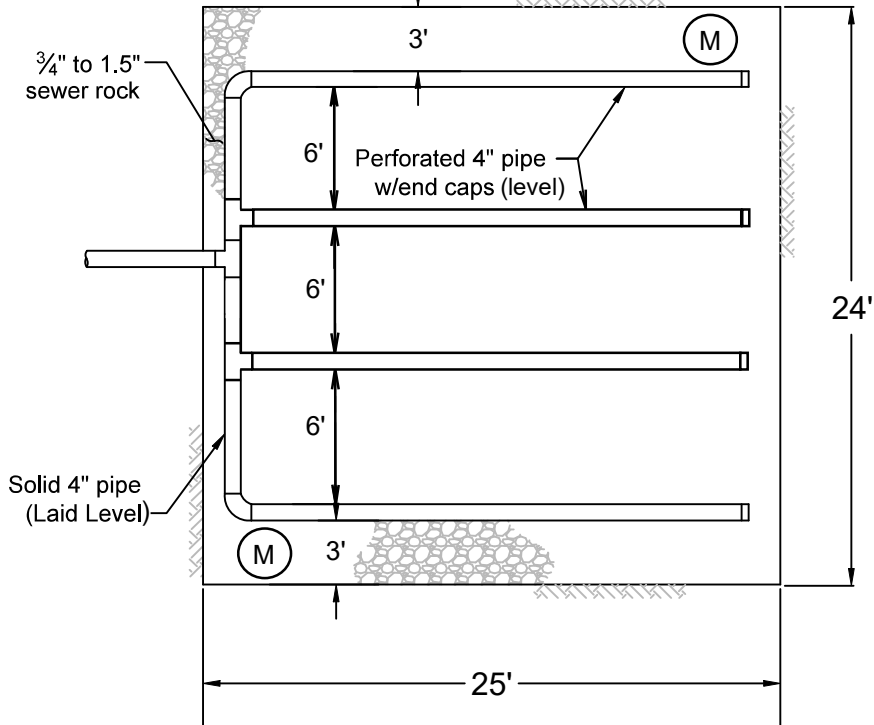
This record drawing represents the as-constructed condition of the improvements documented above. Based on periodic visual observations and information obtained from the installer, this data appears reasonable and represents that the project was constructed in general conformance with current 18 AAC 72 regulations and ADEC policies.

PIONEER ENGINEERING LLC

SHEET 1 OF 2

COMPLETED DATE 9-28-24

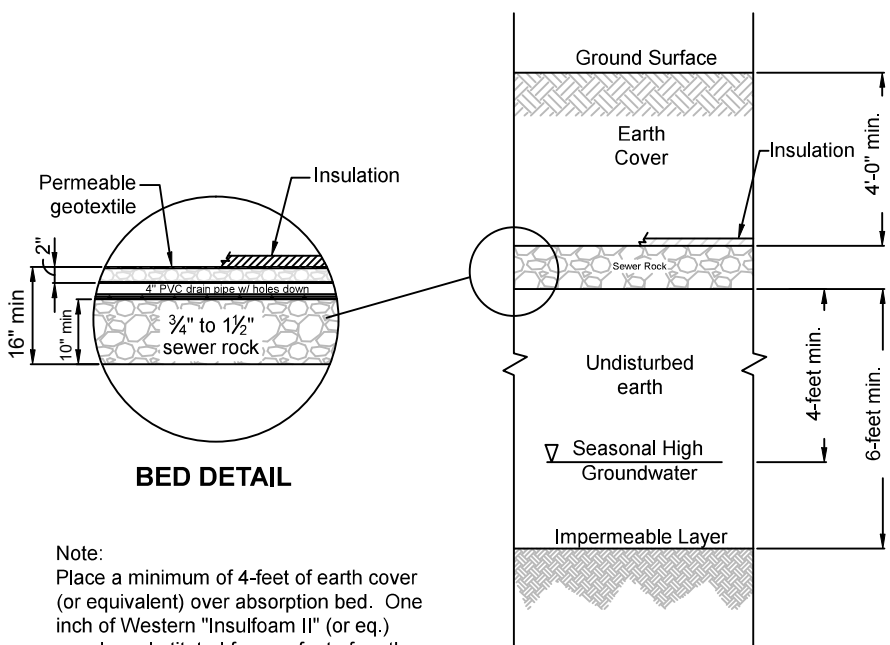
ABSORPTION BED PLAN VIEW



(M) = Monitor tube(s) installed as shown.

⊙
Perforated hole orientation (holes down)

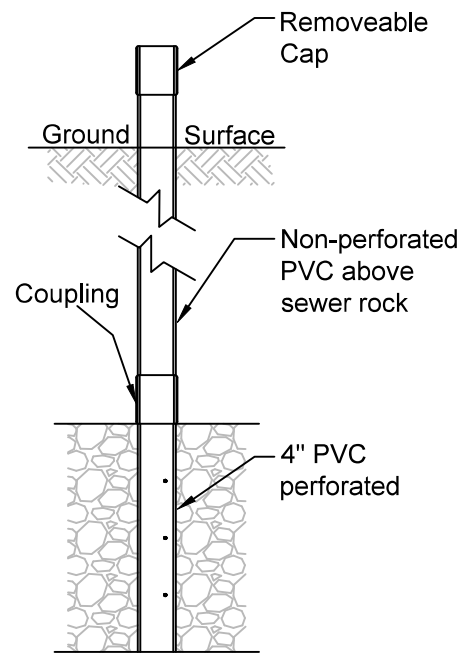
BED SECTION



BED DETAIL

Note:
Place a minimum of 4-feet of earth cover (or equivalent) over absorption bed. One inch of Western "Insulfoam II" (or eq.) may be substituted for one foot of earth cover up to a maximum of two inches of insulation.

MONITOR TUBE DETAIL



NOT TO SCALE



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