

PAID JUL 30 2019

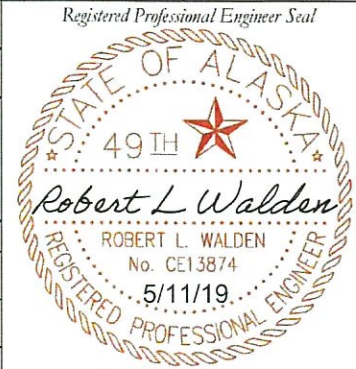
<p>RECEIVED</p> <p>Date Received</p> <p>JUL 30 2019</p> <p>State of Alaska</p> <p>DEC Wasilla Alaska 99657</p>	<p>State of Alaska</p> <p>Department of Environmental Conservation</p> <p>Documentation of Construction</p>	<p>Processed by:</p>
		<p>Date:</p>
		<p>SEPTS Key #:</p>

Part I. General Information

Legal Description	ASLS 88-031 Tract B	PAN or Tax ID#: 81722
Street Address	Fly in only, West of Shell Lk	City (or nearest community): Skwentna
Coordinates	Latitude: 61.93676	Longitude: 151.64311 Datum: NAD-83
Installer Name, Email, & Phone #	Danny Noland, Royal Flush Pumping; 7362 N Parks Hwy #792 Wasilla, AK danny@royalflushseptic.com; #907-521-0255	

Part II. Wastewater Disposal System

Facility Served	<input checked="" type="checkbox"/> Private Residence - # of buildings:	<input type="checkbox"/> Multi-family - # of Units:	Total # Bedrooms: 3			
	<input type="checkbox"/> Small Commercial Facility (< 500 gpd)	<i>show design flow calculations in Comments section below</i>		Total Design Flow (gpd):		
<input checked="" type="checkbox"/> New System <input type="checkbox"/> Repair/Replace Existing (state new components installed and decommissioning/inspection results of existing components):						
System Installed By: <input checked="" type="checkbox"/> Certified Installer <input type="checkbox"/> Approved Homeowner			Notification Date: N/A			
<input checked="" type="checkbox"/> Registered Engineer/Supervision or Inspection by Registered Engineer			Date Installed: 7/23/18			
Septic Tank	Capacity (gal): 1,000	# of Compartments: 2	Material: Steel	Manufacturer: Greer		
Lift Station	Manufacturer: N/A	Pump (make/model): N/A		Alarms: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Type of Field	<input type="checkbox"/> Deep Trench <input type="checkbox"/> Shallow Trench <input type="checkbox"/> Leach Pit <input checked="" type="checkbox"/> Bed <input type="checkbox"/> 5-Wide					
Soils - Visual and Perc Test	Classification: SW	Application Rate (sq. ft./bedroom): 150	Percolation Rate (min/inch): N/A			
Attach percolation test results or other soils report sealed by registered professional engineer as applicable.						
Soil Absorption System Details	Length (ft): 39.75'	Width (ft): 11.33'	Rock Depth: N/A	Effective Area (sq ft): 456		
	Rock Grade: N/A	Graveless Media: # Units: 38	Unit Area: 456	Manufacturer: Quick 4 high capacity chamber		
Freeze Protection	Septic Tank		Absorption Area		Sewer Lines	
	Soil Cover (feet)	>4'	>4'		>4'	
	Insulation (inches)					
Cleanout Pipes	# Cleanout(s): 1	# Septic Tank Vents: 2	# Leach Field Monitor Tubes: 4			
Vertical Separation Distance from Bottom of Soil Absorption System to: Groundwater >4' Impermeable Soils >6'						
Horizontal Separation Distances (measured from nearest edge to nearest edge)	list distances to all nearest:	Private Well	Public Well	Waterline	Surface Water	Property Line
	Septic Tank	>100'	N/A	N/A	>100'	>10'
	Soil Absorption System	>100'	N/A	N/A	>100'	>10'
	Lift Station	N/A	N/A	N/A	N/A	N/A
	Sewer Line(s)	>25'	N/A	>10'		
Horizontal Separation Distance from Soil Absorption System to Slope exceeding 25%:						
Comments/Criteria used to size commercial facility (state type of facility, # people, gpd/person, etc.): Documenting system installed last year.						
I certify that the information provided in Parts I, II, III and IV is correct:						
Signature	Robert L Walden		Printed Name Robert L Walden, PE			
Title or Certification No.	CE 13874		Date 5/11/19			
NOTE: Certified Installers or Approved Homeowners must sign and date. Professional Engineers must seal, sign, and date.						



Legal Description: ASLS 88-031 Tract B

Street Address: Skwentna area

Part V. Water Supply System
(Optional but Recommended)

Potable Water Source <i>(check all that apply)</i>	Holding Tank: <input type="checkbox"/> above-ground <input type="checkbox"/> below-ground Capacity (gallons): Material:	
	<input type="checkbox"/> Roof Catchment <input checked="" type="checkbox"/> Surface Water <i>(identify):</i> Spring <input type="checkbox"/> On Lot Well <input type="checkbox"/> Off Lot Well/Service Line <i>(provide legal description of property where well is located or identify Public Water System below):</i>	
Classification of Water System	<input checked="" type="checkbox"/> Private <input type="checkbox"/> Public Classification: <input type="checkbox"/> Community <input type="checkbox"/> Non-Transient <input type="checkbox"/> Transient	
	If Public Water System, Name and/or PWS ID #: <i>(not necessary to complete the remainder of this form)</i>	
Well Information	Size of Casing (in): 30" culvert Depth of Well (ft): 14' Static Water Level (ft):	<i>(below top of casing)</i>
	Date Installed:	Height of Casing Above Ground: <i>(minimum 12 inches recommended)</i>
Construction Recommendations <i>(attach well log, if available)</i>	Is a sanitary seal or well cap installed on well casing?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
	Are the well wires enclosed in a conduit that attaches to the seal or well cap?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
	Is ground surface graded to drain away from casing at least ten (10) feet in all directions?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
	Was well casing grouted to at least ten (10) feet below the pitless adapter OR at least twenty (20) feet below the ground surface?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
	Is well located at least fifty (50) feet from surface water?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Separation Distances	From On Lot Well to the Following On Lot Potential Sources of Contamination <i>(nearest edge to nearest edge):</i>	
	Fuel Tank (ft):	Size (gallons): <input type="checkbox"/> Above Ground <input type="checkbox"/> Below Ground
	Animal Containment Areas (ft): N/A	Animal Manure/Waste Storage Areas (ft):
	Outhouse/Pit Privy (ft):	Other Potential Contamination <i>(identify):</i>
	From On Lot Well to All Nearest Sources of Contamination on Adjacent Lot(s) <i>(nearest edge to nearest edge):</i>	
	Septic Tank (ft):	Soil Absorption System (ft): Sewer Lines (ft):
	Fuel Tank (ft):	Size (gallons): <input type="checkbox"/> Above Ground <input type="checkbox"/> Below Ground
	Animal Containment Areas (ft):	Animal Manure/Waste Storage Areas (ft):
	Outhouse/Pit Privy (ft):	Other Potential Contamination <i>(identify):</i>
Water Sample Results <i>(attach report)</i>	Date Taken:	Coliform/E.Coli: Other <i>(identify):</i>
	Nitrate/Nitrite:	Arsenic: Other <i>(identify):</i>
Comments/Recommendations: Spring on the 40 acres is where he gets his drinking water from. "Well" hand dug 14 feet deep with 30" Culvert is non-potable water source.		
I assert the information provided in Part V is correct to the best of my knowledge:		
Signature <i>Robert L Walden</i>	Printed Name Robert L Walden, PE	
Title CE 13874	Date 5/11/19	

More information on private water wells construction recommendations and best management practices is available at the Department's Drinking Water programs website: dec.alaska.gov/eh/dw/. Public water systems are regulated under Drinking Water Regulations 18 AAC 80.

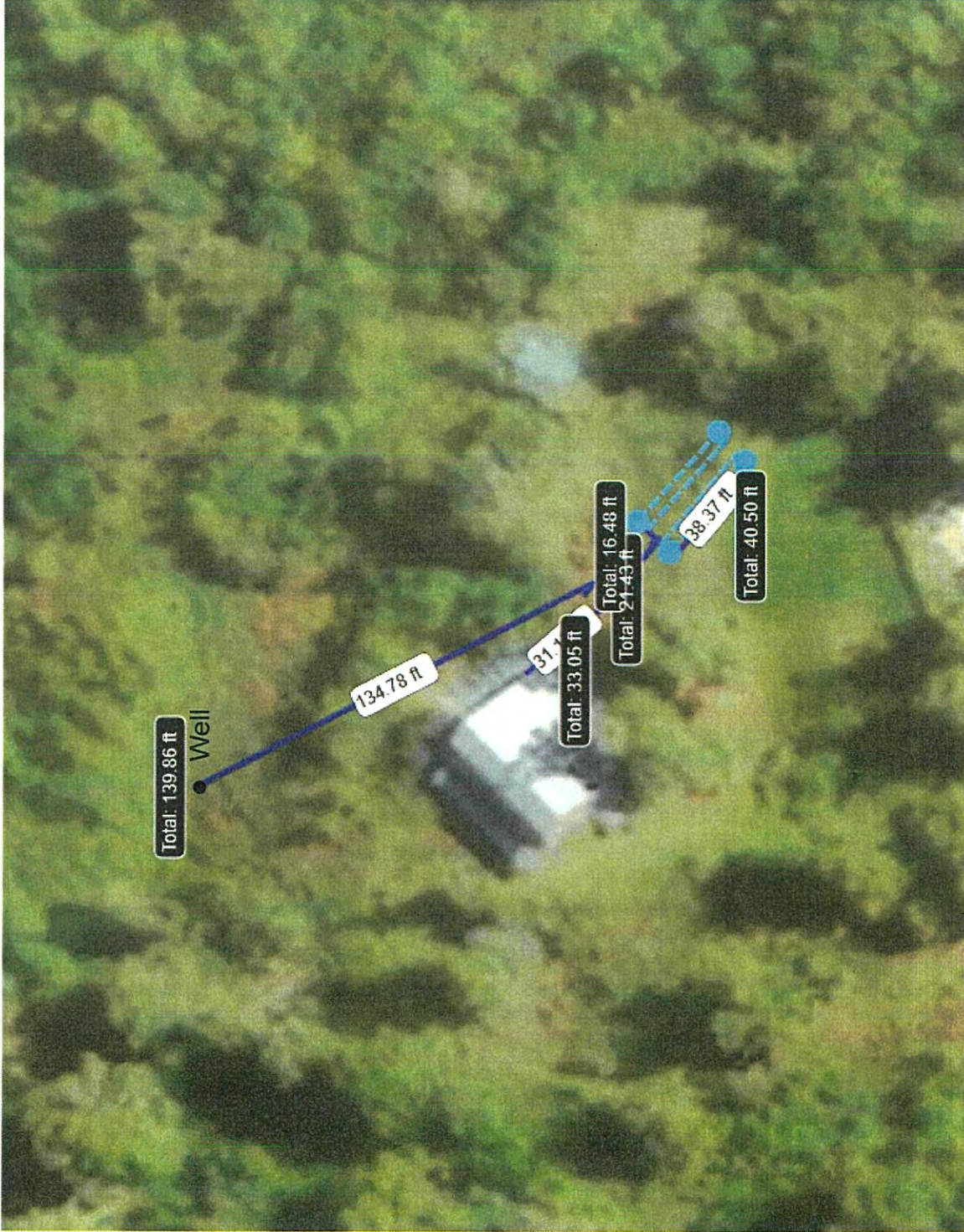


Asbuilt P, J-3

Matanuska-Susitna Borough

ASLS 88-031 Tract B

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By: Robert L Walden, PE



0.0 0.02 0.04 Miles

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Notes

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Legend

- Road Mileposts
- Roads
 - Highway
 - Major Road
 - Medium Road
 - Minor Road
 - Primitive Road
 - Private Road
- Alaska Railroad
- Mat-Su Borough Boundary
- Incorporated Cities
- Government Lot Lines
- Parcels
- Lakes and Rivers
- Streams
- Flood Zone

3-Bedroom



1:1,128

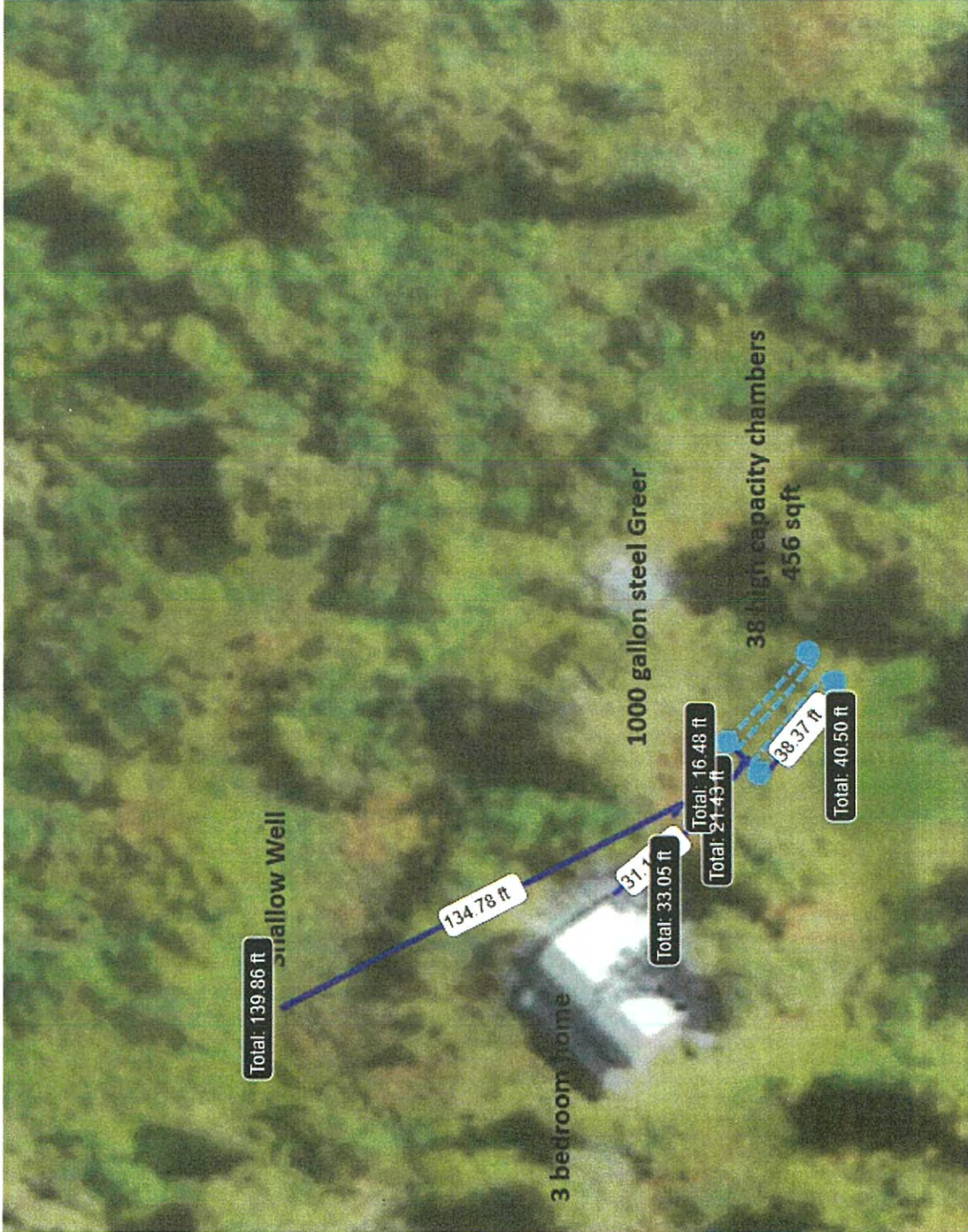
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Asbuilt P.2-3

Matanuska-Susitna Borough ASLS 88-031 Tract B

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0.0

0.02

0.04

Miles

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1:1,128

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Asbuilt P, 3-3

Matanuska-Susitna Borough

ASLS 88-031 Tract B

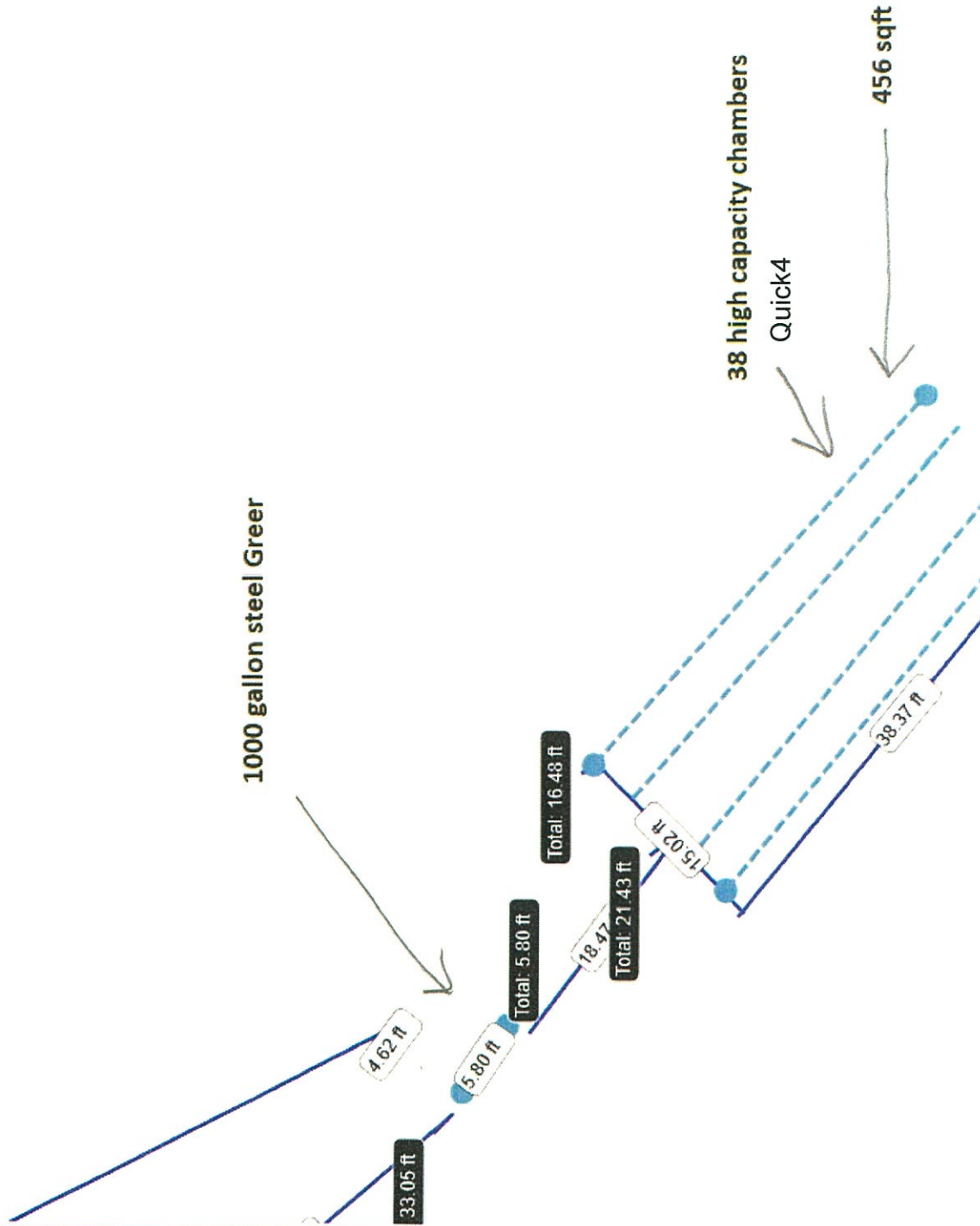
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1:282



0.0 0 0.00 0.01 Miles

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