

GOPHER CONSTRUCTION COMPANY

10164 Tujunga Canyon Blvd.

Tujunga, CA 91042-2252

Office: (818) 352-2253 • Fax: (818) 352-2659

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License # 601749

March 2, 2020

Jack Tucker Forehand
18777 Little Tujunga Canyon Road
Santa Clarita, CA 91387

Subject: Evaluation and Certification of an Existing Onsite Wastewater Treatment System per Health Dept. requirements at:
18777 Little Tujunga Canyon Road, Santa Clarita, CA 91387

From February 26, 2020 through March 2, 2020, we pumped, performed minor repairs, evaluated, and inspected the existing onsite wastewater treatment system at the above-mentioned address. As a result of information supplied to us by others and upon our own observation and measurements at this site, we are reporting the current condition of the following.

Thus far, our inspection has revealed that the existing onsite wastewater treatment system at this location consists of: (There is an attached as-built drawing with a legend per the units described below.)

Unit 1: A 1200-gallon septic tank. (#1 on As Built Drawing)

Unit 2: A distribution box. (#2 on As Built Drawing)

Unit 3: A 50-ft long 20-ft wide leach field. (#3 on As Built Drawing)

Note: The existing house has been burned down and only the concrete foundation remains, however we refer to the foundation in this inspection as the "house".

Unit 1: The septic tank is located on the northwest side of the house and partially under the pathway to the front entry. The location of this septic tank is in a code compliant location without any set-back issues. There are no openings up to the surface on this septic tank. The inlet end of the septic tank was uncovered and opened by others. We excavated, uncovered, and opened the outlet end of the tank. We inspected the septic tank through these two openings. The top of the tank is 1-ft 9-in deep below the surface. The T-fittings on the inlet and outlet ends of the tank were missing. We repaired both T-fittings. The septic tank appears to be a "Pyramid" precast septic tank. (A spec sheet of the tank is attached). There was a heavy buildup of solid waste in the septic tank and it was pumped on February 27, 2020. We used our Video Camera and Electronic Locator to check the pipe from the house and it was melted from the fire. We replaced the pipe when we repaired the inlet T-fitting and installed a cap on the end of the pipe for future connection to the new house. The septic tank is the correct size for a 4-bedroom house. We inspected the tank and it appears to be structurally sound. The tank appears to have been installed correctly. After our pumping, inspection, and repairs, we closed and sealed the openings, backfilled both excavations, and cleaned up the area affected by our work.

Unit 2: The distribution box is located to the northwest of the septic tank and in the dirt area. It has no opening up to the surface. We used our Video Camera and Electronic Locator through the outlet pipe of the septic tank to check the condition of the pipe and to locate the distribution box. The outlet pipe was free of damage, but had some grease build-up, so we Hydro-Jetted the pipe and it is now free and clear of any obstructions. We then excavated, uncovered, and opened the distribution box for inspection. The top of the distribution box is 4-ft deep below the surface. The distribution box was in good condition with one pipe entering from the septic tank and two pipes exiting to T-fittings and then to the 4 perforated pipes in the leach field. The distribution box was free and clear of any obstructions and was structurally sound. After inspection, we resealed the distribution box, backfilled the excavation, and cleaned up the area affected by our work.

Unit 3: The leach field is located to the north of the distribution box, (**Unit 2**) and in the dirt area. The location of this leach field is in a code compliant location without any set-back issues. There were no openings up to the surface of this leach field. We located the perforated pipes of this leach field by using our Pipe Video Camera and Electronic Locator through the distribution box. We were only able to get our camera to the beginning of the perforated pipes because of the sharp 90 degree bends in the pipe. We located, excavated, and uncovered all four pipes at the beginning of the leach field. We used our Pipe Video Camera through each perforated pipe and we observed that the pipes were free of damage, but had a build-up of sludge inside the pipes. We installed a clean-out up to the surface at the beginning of each perforated pipe for access for our Hydro-Jetter and for maintenance cleaning in the future. The four perforated pipes are 4-ft deep below the surface and are spaced 5-ft apart from each other. We excavated and uncovered a small portion of the perforated pipe and inspected the condition of the gravel under the pipe. The gravel was clean and shows no signs of any full or overfull conditions in the past. The gravel under the pipe is 3-ft deep below the pipe. After our inspection and repairs, we backfilled our excavations and cleaned up the areas affected by our work. We used our Hydro-Jetter through the new clean-outs to clear the sludge from the pipes. The leach field took all the water from our Jetter without any water backing up.

Conclusions, Deficiencies and Opinions:

Unit 1: The septic tank is the correct size for a four-bedroom home, is intact, was installed/constructed in an acceptable manner, is in good repair, is structurally sound, and has no apparent functional deficiencies. The pipes throughout the system are now clear, flowing freely and functioning properly.

Unit 2: The distribution box was installed properly, was constructed in an acceptable manner, is in good repair, is structurally sound, and has no apparent functional deficiencies. The pipes to and from the distribution box are clear, flowing freely and functioning properly.

Unit 3: The leach field is correctly sized, intact, was installed/constructed in an acceptable manner, is in good repair, is structurally sound, and has no apparent functional deficiencies. The pipes throughout the system, after our Hydro-Jetting, are clear, flowing freely and functioning properly. Our inspection of the gravel under the pipes showed that this leach field has never been full.

Correctional, Optional, Maintenance, and Upgrade Recommendations:

1. Optional: If desired, manholes could be installed up to the surface on the septic tank for easier maintenance pumping in the future. Range of Cost: \$1,200.00 to \$1,800.00 or more depending on site conditions.
2. Please note the Maintenance recommendations listed below. There are no other recommendations at this time.

Therefore, I certify that the above information about the current condition of this private sewage disposal system is true and correct to the best of my knowledge at this time.

Maintenance recommendations: These Maintenance Recommendations are meant to apply to systems that are code compliant, sized correctly, installed properly, and are in normal working condition. We recommend pumping the cesspool/septic tank every 5-7 years. To maintain the effectiveness of the system, you may want to use a good quality bacterial product to keep the system functioning to its full potential. If desired, there is a new product called a Pirana Aerobic Bacteria Generator, which will keep a private sewage disposal system working well for many years with little maintenance. If a Pirana is installed, bacterial treatments and an effluent filter are unnecessary. If you desire more information regarding the care and maintenance of this system, please call our office at 818-352-2253, and we will be happy to send you the latest brochures and information we have available.

No guarantee or warranty about this system or its anticipated lifespan is hereby expressed or implied as a result of this Certification. All private sewage disposal systems will eventually wear out. Any increase in the number of residents, an increase in the amount or type of water usage, high seasonal ground water or many other conditions could cause the system to wear out sooner and result in an overflowing or unsanitary condition. If you desire information regarding the future performance of the system, please contact a geologist or a registered environmentalist for consultation and testing. A prediction about the future performance of the system is not a part of this Certification.

If any addition is planned for the future you may be required to enlarge the system at additional significant cost.

Respectfully,



Mike Tucker
Assistant Manager



ENVIRONMENTAL HEALTH

ENVIRONMENTAL PROTECTION BRANCH
LAND USE PROGRAM

5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5380 • Website: <http://www.publichealth.lacounty.gov/eh>



EVALUATION FORM FOR EXISTING OWTS PROJECT REVIEWS

OWTS Location:	18777 Little Tujunga Canyon Blvd.		
Property Owner's Name:	Jack Forehand		
Property Owner's Address:	Same		
Contractor's Name:	Gopher Construction	Contractor Lic. #:	601749
Contractor's Address:	10164 Tujunga Canyon Blvd.		
Contractor's Qualification:	Class A <input type="checkbox"/>	Class C-42 <input checked="" type="checkbox"/>	Class C-36 <input type="checkbox"/>
Name of Technician:	Mike Tucker	Date of Evaluation	3-2-20

OVERALL SYSTEM EVALUATION:

Prior Approval / Permits available?	YES	NO <input checked="" type="checkbox"/>	Installed in an acceptable manner (meets set-backs, etc.)?	YES	NO
Prior approval designates a tested future expansion area?	YES	NO <input checked="" type="checkbox"/>	Leaking plumbing fixtures overloading the system?	YES	NO <input checked="" type="checkbox"/>
Building occupied at the time of the inspection?	YES	NO <input checked="" type="checkbox"/>	If unoccupied, how long has the building been vacant?	1 year	
Record of Prior Pumping:	YES <input checked="" type="checkbox"/>	NO	Date of Last Pumping:	2-27-20	

TANK EVALUATION:

Material:	Concrete <input checked="" type="checkbox"/>	Fiberglass <input type="checkbox"/>	Other <input type="checkbox"/>
Length:	8'	Width:	4'10"
Capacity (Gallons):	1200-g	Depth:	5' B.I.
Measurements:	Internal <input type="checkbox"/>	External <input checked="" type="checkbox"/>	Tank Pumped for Inspection? YES <input checked="" type="checkbox"/> NO
# of Chambers:	Single <input type="checkbox"/>	Dual <input checked="" type="checkbox"/>	Sludge Depth: 2' Scum Depth: 6"
Effluent Filter Installed?	YES	NO <input checked="" type="checkbox"/>	Evidence of Overflow? YES NO <input checked="" type="checkbox"/>
Effluent Level Above Outlet Tee Prior to Pumping?	YES	NO <input checked="" type="checkbox"/>	
Did Effluent Flow from the Dispersal System into the Tank During Pumping?	YES	NO <input checked="" type="checkbox"/>	
Evidence of Daylighting / Overflow from Tank?	YES	NO <input checked="" type="checkbox"/>	

DISPERSAL SYSTEM TYPE AND DIMENSIONS

Leach Line	Number	Length	Width	Depth
Leach Field	Sq. Feet	Length	Width	Depth
Seepage Pit	Number	Width	Cap Depth	Depth
Other				

Continued on other side

METHODS USED TO DETERMINE LOCATION OF DISPERSAL SYSTEM AND ITS STATUS

- We used our Pipe Video Camera and Electronic Locator to find the location and inspect the pipes.
 - We excavated and uncovered a portion of perforated pipe for inspection of the gravel under pipe.
- * See attached written Certification.

DISPERSAL SYSTEM EVALUATION

Soil dry over the leach field or leach lines?	YES <input checked="" type="checkbox"/>	NO
Accumulation of organic material in perforated pipes, gravel, or seepage pit?	YES <input checked="" type="checkbox"/>	NO
Evidence of overflow from seepage pit?	N/A	YES
Standing water in the seepage pit?	N/A	YES
Evidence of staining on the seepage pit walls?	N/A	YES

COMPONENT	SATISFACTORY CONDITION	NEEDS REPAIR	NEEDS REPLACEMENT
Tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inlet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outlet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Baffle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Risers	none <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Covers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Distribution Box	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plumbing Lines	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diverter Valves	N/A <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OVERALL COMMENTS / STATEMENT OF CONDITION:

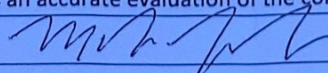
System is code compliant and in good functioning condition.

PLEASE PROVIDE A SITE PLAN WITH LOCATIONS OF ALL OWTS COMPONENTS OR VERIFY LOCATIONS ON EXISTING SITE PLAN.

Notes:

- This form is a tool to satisfy the requirements detailed in the guideline entitled "Conventional and Non-Conventional Onsite Wastewater Treatment Systems-Requirements and Procedures" for the evaluation of an existing system. See Chapter 4, Section B7 on page 15 for a complete list of the requirements.
- This evaluation is only valid for a period of one year from the date of the evaluation.
- This form is not intended for Real Estates purposes.

I certify that on the date indicated above, I completed an evaluation of the system indicated above and that this report constitutes an accurate evaluation of the conditions observed.

Contractor's Signature:	
Date:	3-3-20

7 Little Tujunga Canyon
 Santa Clarita, CA 91387

Septic System Drawing

Unit:1 = 1200-gallon Septic Tank

Unit:2 = Distribution Box

Unit:3 = 50'x20' Leach Field

Drawing Prepared by:

Gopher Const. *Mick*
 3-3-20

Future expansion area

50'x20' Leach field #3

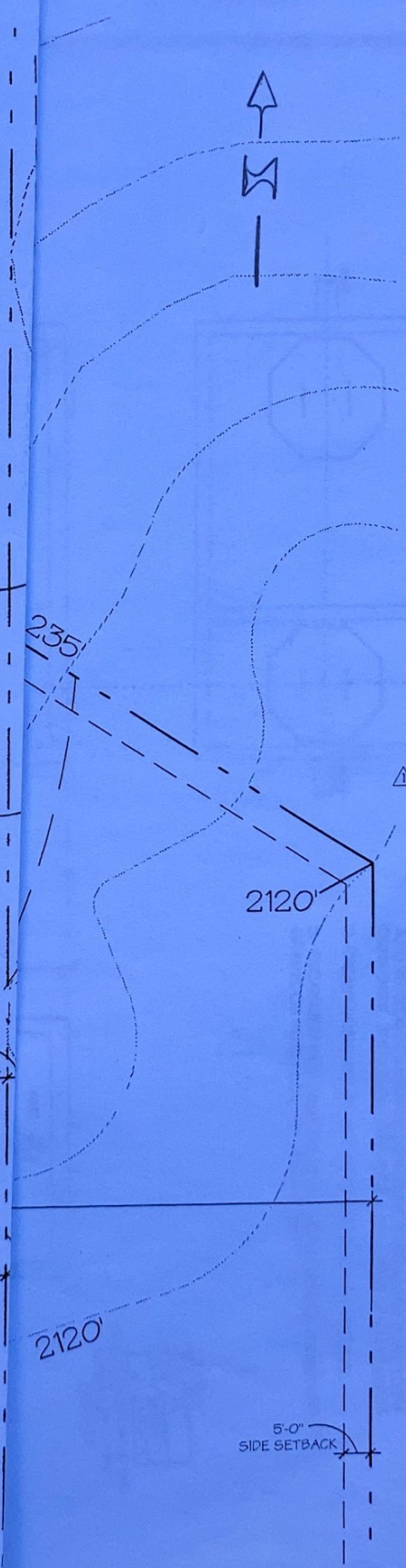
5'-0" SIDE SETBACK

2120'

2120'

5'-0" SIDE SETBACK

Scale: 1" = 30'



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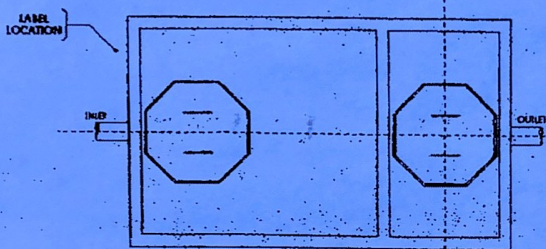
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DATE

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PLAN VIEW

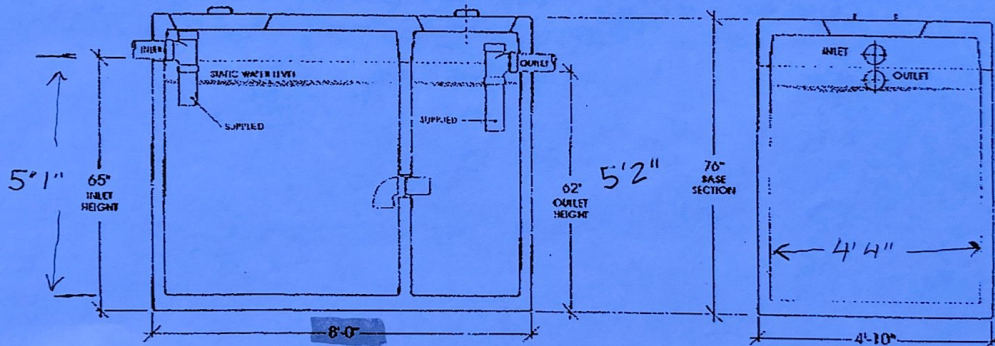


NOTE

1. CONCRETE OF PORTLAND CEMENT DESIGN POURED AND VIBRATED TO DEVELOP MINIMUM 3000 PSI AT 28 DAYS AND REINFORCED WITH #3 DEFORMED BARS AS PER STRUCTURAL DRAWINGS. STRUCTURAL DRAWINGS AVAILABLE UPON REQUEST.
2. EXCAVATION MUST BE TWO FOOT LARGER THAN UNIT SIZE.
3. EXCAVATED BASE MUST BE LEVEL AND COMPACT. SIX INCHES OF GRAVEL OR ROAD BASE RECOMMENDED.



LOCATED ON INLET END
UPPER LEFT HAND
CORNER



ELEVATION

END VIEW



1200 GALLON Residential Septic Tank



- INDUSTRIAL WASTE CLARIFIERS
- SAND & GREASE INTERCEPTERS
- SEPTIC TANKS & DISTRIBUTION BOXES

2438 LOCUST AVE. RIALTO, CA 92376 (714) 823-421

DRAWING #
DRAWN BY SCOTT BENAI
SCALE 3/8" = 1' 00"