

Comal County Environmental Health

OSSF Inspection Sheet

Installer Name: _____

OSSF Installer #: _____

1st Inspection Date: _____

2nd Inspection Date: _____

3rd Inspection Date: _____

Inspector Name: _____

Inspector Name: _____

Inspector Name: _____

Permit#:

Address:

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
1	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Site and Soil Conditions Consistent with Submitted Planning Materials		285.31(a) 285.30(b)(1)(A)(iv) 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i)				
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards		285.91(10) 285.30(b)(4) 285.31(d)				
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)		285.32(a)(1)				
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot		285.32(a)(3)				
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)		285.32(a)(5)				
6	PRETREATMENT Installed (if required) TCEQ Approved List PRETREATMENT Septic Tank(s) Meet Minimum Requirements		285.32(b)(1)(G) 285.32(b)(1)(E)(iii) 285.32(b)(1)(E)(iv) 285.32(b)(1)(F) 285.32(b)(1)(B) 285.32(b)(1)(C)(i) 285.32(b)(1)(C)(ii) 285.32(b)(1)(D) 285.32(b)(1)(E) 285.32(b)(1)(A) 285.32(b)(1)(E)(ii)(II) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(I)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

Inspector Notes:

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If Single Tank, 2 Compartments Provided with Baffle SEPTIC TANK Inlet Flowline Greater than 3" and " T " Provided on Inlet and Outlet SEPTIC TANK Septic Tank(s) Meet Minimum Requirements		285.32(b)(1) (E) 285.91(2) 285.32(b)(1) (F) 285.32(b)(1)(E) (iii) 285.32(b)(1)(E)(ii) (II) 285.32(b)(1)(E)(ii) (I) 285.32(b)(1)(E) (i) 285.32(b)(1) (D) 285.32(b)(1)(C) (ii) 285.32(b)(1)(C) (i) 285.32(b)(1) (B) 285.32(b)(1) (A) 285.32(b)(1)(E)(iv)				
9	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
10	SEPTIC TANK Inspection / Clean Out Port & Risers Provided on Tanks Buried Greater than 12" Sealed and Capped		285.38(d)				
11	SEPTIC TANK Secondary restraint system provided SEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
12	SEPTIC TANK Tank Volume Installed						
13	PUMP TANK Volume Installed						
14	AEROBIC TREATMENT UNIT Size Installed						
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number						
16	DISPOSAL SYSTEM Absorptive		285.33(a)(4) 285.33(a)(1) 285.33(a)(2) 285.33(a)(3)				
17	DISPOSAL SYSTEM Leaching Chamber		285.33(a)(1) 285.33(a)(3) 285.33(a)(4) 285.33(a)(2)				
18	DISPOSAL SYSTEM Evapo-transpirative		285.33(a)(3) 285.33(a)(4) 285.33(a)(1) 285.33(a)(2)				

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
19	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(4) 285.33(a)(3) 285.33(a)(1) 285.33(a)(2)				
22	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(3) 285.33(a)(2) 285.33(a)(4) 285.33(a)(1)				
23	DISPOSAL SYSTEM Mound		285.33(a)(3) 285.33(a)(1) 285.33(a)(2) 285.33(a)(4)				
24	DISPOSAL SYSTEM Other (describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
25	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC						
26	DRAINFIELD Area Installed						
27	DRAINFIELD Level to within 1 inch per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
28	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media						
29	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
30	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End Plates w/Splash Plate, Inspection Port & Closed End Plates in Place (per manufacturers spec.)		285.33(c)(2)				
31	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart		285.33(b)(3)(A) 285.33(b)(3)(A) 285.33(b)(3)(B)285.91(13) 285.33(b)(3)(D) 285.33(b)(3)(F)				
33	AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.		285.32(c)(1)				
34	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided AEROBIC TREATMENT UNIT Secondary restraint system provided AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions						
35	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.						
36	PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction PUMP TANK Sampling Port Provided in the Treated Effluent Line PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump						
37	PUMP TANK Inspection/Clean Out Port & Risers Provided PUMP TANK Secondary restraint system provided PUMP TANK Riser permanently fastened to lid or cast into tank PUMP TANK Riser cap protected against unauthorized intrusions						
38	PUMP TANK Secondary restraint system provided						
39	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried						

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
40	APPLICATION AREA Distribution Pipe, Fitting, Sprinkler Heads & Valve Covers Color Coded Purple?		285.33(d)(2)(G)(iii)(II) 285.33(d)(2)(G)(iii)(III) 285.33(d)(2)(G)(v) 285.33(d)(2)(G)(iii) 285.33(d)(2)(G)(iv) 285.33(d)(2)(G)(i) 285.33(d)(2)(G)(ii) 285.33(d)(2)(G)(iii)(I)				
41	APPLICATION AREA Low Angle Nozzles Used / Pressure is as required APPLICATION AREA Acceptable Area, nothing within 10 ft of sprinkler heads? APPLICATION AREA The Landscape Plan is as Designed		285.33(d)(2)(G) (i)285.33(d)(2) (A)285.33(d)(2)(F)				
42	APPLICATION AREA Area Installed						
43	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						



COMAL COUNTY

ENGINEER'S OFFICE

Permit of Authorization to Construct an On-Site Sewage Facility Permit Valid For One Year From Date Issued

Permit Number: 118667
Issued This Date: 06/06/2025
This permit is hereby given to: SAMIR SOLANKI

To start construction of a private, on-site sewage facility located at:

1909 LAKEVIEW DR
CANYON LAKE, TX 78133

Subdivision: CANYON LAKE HILLS
Unit: 3
Lot: 1330 & 1331
Block: 0
Acreage: 0.3200

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic
Surface Irrigation

This permit gives permission for the construction of the above referenced on-site facility to commence. Installation must be completed by an installer holding a valid registration card from the Texas Commission on Environmental Quality (TCEQ). Installation and inspection must comply with current TCEQ and Comal County requirements.

Call (830) 608-2090 to schedule inspections.



COMAL COUNTY
ENGINEER'S OFFICE

ON-SITE SEWAGE FACILITY APPLICATION

195 DAVID JONAS DR
NEW BRAUNFELS, TX 78132
(830) 608-2090
WWW.CCEO.ORG

Date 05/01/25 Permit Number 118667

1. APPLICANT / AGENT INFORMATION

Owner Name	<u>SAMIR SOLANKI</u>	Agent Name	<u>GREG W. JOHNSON, P.E.</u>
Mailing Address	<u>c/o 23011 FM 306</u>	Agent Address	<u>170 Hollow Oak</u>
City, State, Zip	<u>Canyon Lake, TX 78133</u>	City, State, Zip	<u>New Braunfels, TX 78132</u>
Phone #	<u>830-935-4936</u>	Phone #	<u>830-905-2778</u>
Email	<u>traci@psseptic.com</u>	Email	<u>gregjohnsonpe@yahoo.com</u>

2. LOCATION

Subdivision Name CANYON LAKE HILLS Unit 3 Lot 1330-1331 Block
Survey Name / Abstract Number 130225-3 Acreage
Address 1909 LAKEVIEW DR City CANYON LAKE State TX Zip 78133

3. TYPE OF DEVELOPMENT

☒ Single Family Residential

Type of Construction (House, Mobile, RV, Etc.) HOUSE

Number of Bedrooms 2

Indicate Sq Ft of Living Area 1000

☐ Non-Single Family Residential

(Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area)

Type of Facility

Offices, Factories, Churches, Schools, Parks, Etc. - Indicate Number Of Occupants

Restaurants, Lounges, Theaters - Indicate Number of Seats

Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds

Travel Trailer/RV Parks - Indicate Number of Spaces

Miscellaneous

Estimated Cost of Construction: \$ EXISTING (Structure Only)

Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement?

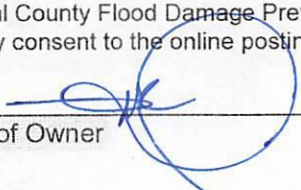
☐ Yes ☒ No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)

Source of Water ☒ Public ☐ Private Well

4. SIGNATURE OF OWNER

By signing this application, I certify that:

- The completed application and all additional information submitted does not contain any false information and does not conceal any material facts. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said property.
- Authorization is hereby given to the permitting authority and designated agents to enter upon the above described property for the purpose of site/soil evaluation and inspection of private sewage facilities.
- I understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Owner 

Date 05-04-2025

#118667

CANYON LAKE HILLS, UNIT 3, LOT 1330 & 1331



COMAL COUNTY
ENGINEER'S OFFICE

ON-SITE SEWAGE FACILITY APPLICATION

195 DAVID JONAS DR
NEW BRAUNFELS, TX 78132
(830) 608-2090
WWW.CCEO.ORG

REVISED

4:26 pm, Jun 11, 2025

Planning Materials & Site Evaluation as Required Completed By GREG W. JOHNSON, P.E.System Description PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION

Size of Septic System Required Based on Planning Materials & Soil Evaluation

Tank Size(s) (Gallons) FUJI CE1A1 + 750 PUMP Absorption/Application Area (Sq Ft) 2827Gallons Per Day (As Per TCEQ Table III) 180

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ)

Is the property located over the Edwards Recharge Zone? ☐ Yes ☒ No

(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))

Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☒ No

(if yes, the R. S. or P. E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)

Is there at least one acre per single family dwelling as per 285.40(c)(1)? ☐ Yes ☒ NoIf there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? ☐ Yes ☒ No

(If yes, the R.S. or P. E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)

Is the property located over the Edwards Contributing Zone? ☒ Yes ☐ NoIs there an existing TCEQ approval CZP for the property? ☐ Yes ☒ No

(if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP)

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? ☐ Yes ☒ No

(if yes, the P.E. or R.S. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to construct will not be issued for the proposed OSSF until the CZP has been approved by the app)

Is this property within an incorporated city? ☐ Yes ☒ No

If yes, indicate the city: _____

**FIRM #2585**

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable

Signature of Designer

Date May 13, 2025

AFFIDAVIT**THE COUNTY OF COMAL
STATE OF TEXAS****CERTIFICATION OF OSSF REQUIRING MAINTENANCE**

According to Texas Commission on Environmental Quality Rules for On-Site Sewage Facilities (OSSFs), this document is filed in the Deed Records of Comal County, Texas.

I

The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (TCEQ) to regulate on-site sewage facilities (OSSFs). Additionally, the Texas Water Code (TWC), § 5.012 and § 5.013, gives the commission primary responsibility for implementing the laws of the State of Texas relating to water and adopting rules necessary to carry out its powers and duties under the TWC. The commission, under the authority of the TWC and the Texas Health and Safety code, requires owner's to provide notice to the public that certain types of OSSFs are located on specific pieces of property. To achieve this notice, the commission requires a recorded affidavit. Additionally, the owner must provide proof of the recording to the OSSF permitting authority. This recorded affidavit is not a representation or warranty by the commission of the suitability of this OSSF, nor does it constitute any guarantee by the commission that the appropriate OSSF was installed.

II

An OSSF requiring a maintenance contract, according to 30 Texas Administrative Code §285.91(12) will be installed on the property described as (insert legal description):

3 UNIT/PHASE/SECTION 1330-1331 BLOCK LOT CANYON LAKE HILLS SUBDIVISION

IF NOT IN SUBDIVISION: ACREAGE SURVEY

The property is owned by (insert owner's full name): SAMIR SOLANKI

This OSSF must be covered by a continuous maintenance contract for the first two years. After the initial two-year service policy, the owner of an aerobic treatment system for a single family residence shall either obtain a maintenance contract within 30 days or maintain the system personally.

Upon sale or transfer of the above-described property, the permit for the OSSF shall be transferred to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from the Comal County Engineer's Office.

WITNESS BY HAND(S) ON THIS 5th DAY OF may, 20 25

Owner(s) signature(s)

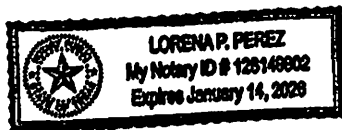
Samir Solanki;
may, 20 25

SAMIR SOLANKI

Owner (s) Printed name (s)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 5th DAY OF

Notary Public Signature



(Notary Seal Here)

THIS AREA FOR COMAL COUNTY CLERK RECORDING PURPOSES ONLY

**Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
05/05/2025 03:54:19 PM
TRACY 1 Pages(s)
202506013107**



Bobbie Koepp

AFFIDAVIT TO THE PUBLIC

THE COUNTY OF COMAL §
STATE OF TEXAS §

Before me, the undersigned authority, on this day personally appeared SAMIR SOLANKI
who after being by me duly sworn, upon oath state that they are the owner of record of that certain
tract or parcel of land lying and being situated in Comal County, Texas, and being more particularly
described as follows:

3 UNIT/HASE/SECTION BLOCK 1330 & 1331 LOT CANYON LAKE HILLS SUBDIVISION

IF NOT IN SUBDIVISION: ACRAGE SURVEY

The property is owned by (insert owner's full name): SAMIR SOLANKI

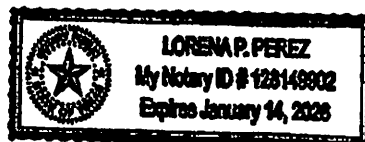
The undersigned further state that the on-site sewage facility for the referenced properties crosses the
boundary between the properties. These properties cannot be sold separately and must be sold as one.
Any buyer or transferee is hereby notified of this requirement.

WITNESS MY/OUR HAND(S) on this 15th day of May, 20 25.

X [Signature]
SAMIR SOLANKI

SWORN TO AND SUBSCRIBED BEFORE ME on this 15th day of May, 20 25.

[Signature]
Notary Public Signature



Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
05/19/2025 09:30:32 AM
MARY 1 Pages(s)
202506014603



Bobbie Koepp



By Cody Young LLC

To: SAMIR SOLANKI

Site: 1909 LAKEVIEW DRIVE, CANYON LAKE, TX 78133 - LOT 1330-1331

County: Comal

Installer: Paul Swoyer Septics

Agency: _____

Mfg./Brand: _____

Level 1 Contract

This service contract for the On-Site Sewage-facility, (OSSF), located at the site stated above. OSSF is to be inspected and serviced at regular intervals under a licensed provider. Special emergency service is to be provided within 48 hours of notification by the homeowner or the owner's agent. The initial contract is for (2) years from the date of final septic system inspection. Renewals shall be for a period of 2 years at the current rate and remain in effect for the specified dates listed. From LTO until 2 YEARS FROM LTO

Contract price \$700

Service Program Includes:


1. Regular site inspection at 4-month intervals for residential septic system.
2. OSSF maintenance: check aerator components for proper operation, control panel, effluent pump, spray head/drip nozzle. Check Proprietary specific components. Check pumps, check spray heads, check, and clean any Filters, check bull run valves and any other valves. Flush drain field if needed.
3. Visual inspection of control panel, (when accessible).
4. Labor expenses required at the home to maintain, repair, or remove any part of the control center or mechanical aerator to be returned for factory repair.
5. Labor expenses required at the home to service, repair, or install any part of the control panel or aerator returned from factory.
6. All maintenance reports will be emailed to the permitting authority & customer within 14 days of inspection.

Client Responsibilities:

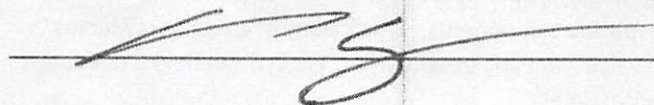
1. Special service calls after the (at the 4-month intervals) stated in item #1.
2. BODs or TSS grab samples, (if needed).
3. Freight costs to and from factory, for component repair.
4. Costs for replacing damaged or missing parts and repairing any equipment not under any specified warranty.
5. Pumping out any or all the OSSF by a licensed waste hauler.
6. The Homeowner is responsible for maintaining the chlorinator and providing proper chlorine supply if required.
7. Securing pets so that maintenance functions can be performed safely for the technician, and the pet. If pets are present in the yard, and the owner is not on site to secure the animals, it is necessary to cancel the maintenance.
8. Securing pets so that maintenance functions can be performed safely for the technician, and the pet. If pets are present in the yard, and the owner is not on site to secure the animals, and it is necessary to cancel the maintenance, there will be a \$75 trip charge.
9. Insuring access to the property, always to the maintenance provider. (Gates, chains with locks, codes, etc.)

Miscellaneous Provisions

1. This contract can be terminated by either party in writing, within 30 days' notice. Contracts that are terminated will include notification in writing to the Authority having Jurisdiction, the Manufacturer of the system, and the other party.

Homeowner: SAMIR SOLANKI  Date: 05-05-2025
Phone: 832 266 8000 Email: SAMIR_SOLANKI@HOTMAIL.COM

Maintenance Provider: Milo Young, License #MP0002338



Septic Pumping & Maintenance by Cody Young

911 RR3404

Kingsland, TX 78639

(325)248-8740

Greg W. Johnson, P.E.
170 Hollow Oak
New Braunfels, Texas 78132
830/905-2778

May 13, 2025

Comal County Office of Environmental Health
195 David Jonas Drive
New Braunfels, Texas 78132-3760

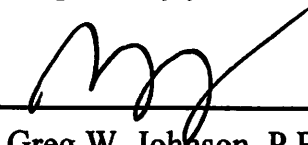
RE- Septic Design
1909 LAKEVIEW DR
CANYON LAKE HILLS, UNIT 3, LOT 1330 & 1331
CANYON LAKE, TX 78133
SOLANKI RESIDENCE

Brandon/Brenda,

Due to the lack of available application area it is necessary to have the setback from the property line to the spray at ten feet as required by TCEQ Chapter 285 rules Table X. I hereby request a variance to the twenty foot setback to property lines as required by Comal County Order and equivalent protection will be maintained by including a battery backup to the timer clock to assure sprayers to only spray during the predawn hours. In my professional opinion this variance will not pose a threat to the environment or public health.

If I can be of further assistance please contact me.

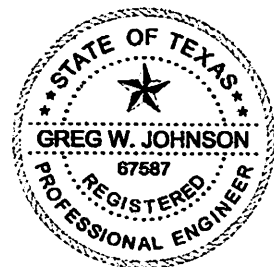
Respectfully yours,



Greg W. Johnson, P.E., F#2585

May 13, 2025

Date



**ON-SITE SEWERAGE FACILITY
SOIL EVALUATION REPORT INFORMATION**

Date Soil Survey Performed: May 12, 2025

Site Location: CANYON LAKE HILLS, UNIT 3, LOTS 1330 & 1331

Proposed Excavation Depth: N/A

Requirements:

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area.

Locations of soil boring or dug pits must be shown on the site drawing.

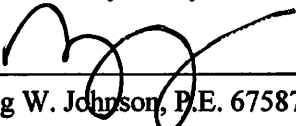
For subsurface disposal, soil evaluations must be performed to a depth of at least two feet below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated.

Describe each soil horizon and identify any restrictive features on the form. Indicate depths where features appear.

SOIL BORING NUMBER <u> </u> SURFACE EVALUATION <u> </u>						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	III	CLAY LOAM	N/A	NONE OBSERVED	LIMESTONE @ 12"	BROWN
12"						
1						
2						
3						
4						
5						

SOIL BORING NUMBER <u> </u> SURFACE EVALUATION <u> </u>						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	SAME		AS		ABOVE	
1						
2						
3						
4						
5						

I certify that the findings of this report are based on my field observations and are accurate to the best of my ability.


Greg W. Johnson, P.E. 67587-F2585, S.E. 11561

05/12/25
Date

4:25 pm, Jun 11, 2025

FIRM #2585

REVISED

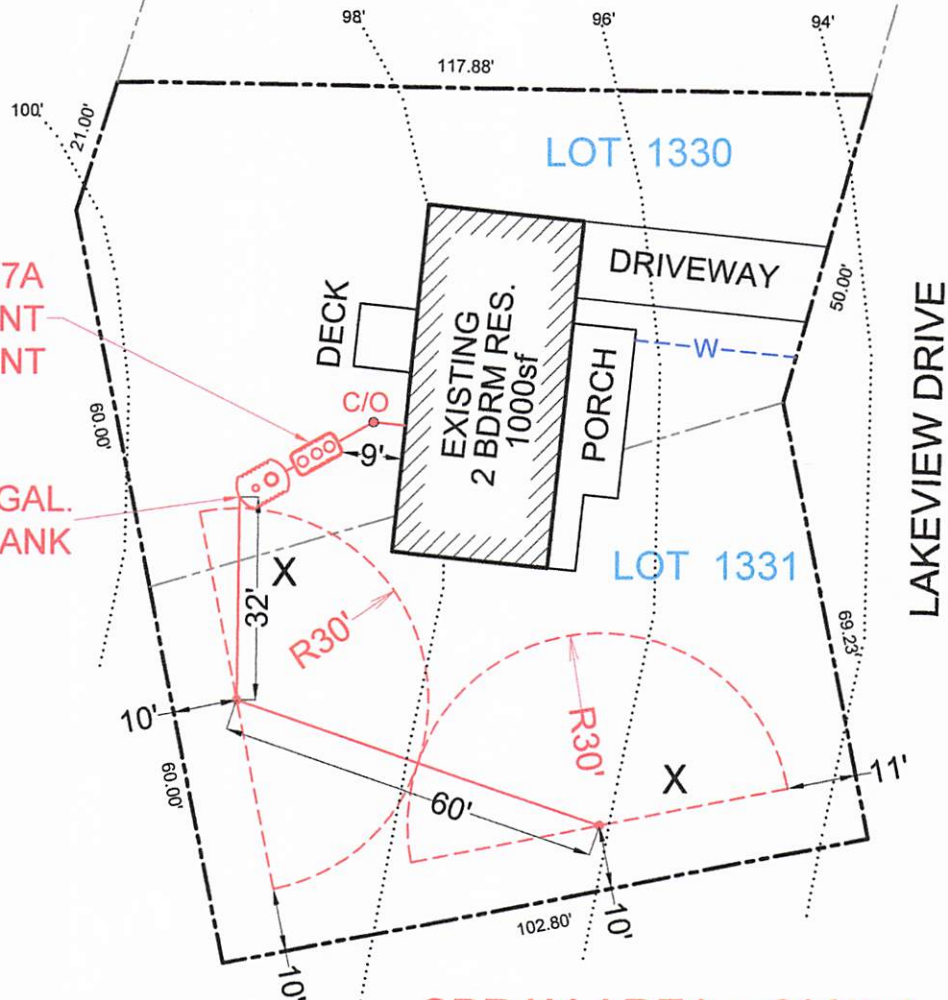
4:25 pm, Jun 11, 2025

NOTE:
EXISTING SEPTIC
TANK TO BE
PUMPED, CRUSHED
AND BACK FILLED.
EXISTING SEPTIC
SYSTEM TO BE
ABANDONED

NOTE:
NO OSSF SYSTEM CAN
BE INSTALLED ON THE
SAME PROPERTY AS
THE SINGLE FAMILY
DWELLING, DUE TO
PLACEMENT OF HOUSE
AND SIZE OF LOT.
SAMIR SOLANKI
OWNS BOTH
PROPERTIES.

FUJI CLEAN - CE7A
AEROBIC TREATMENT
PLANT

AK - 750 GAL.
PUMP TANK



SPRAY AREA = 2827sf

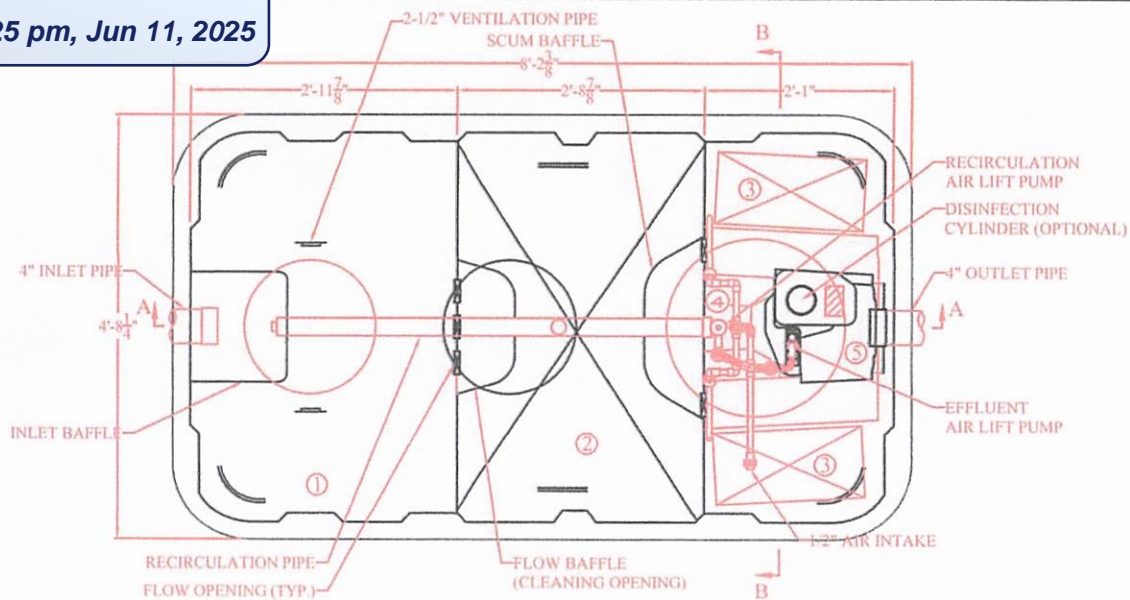
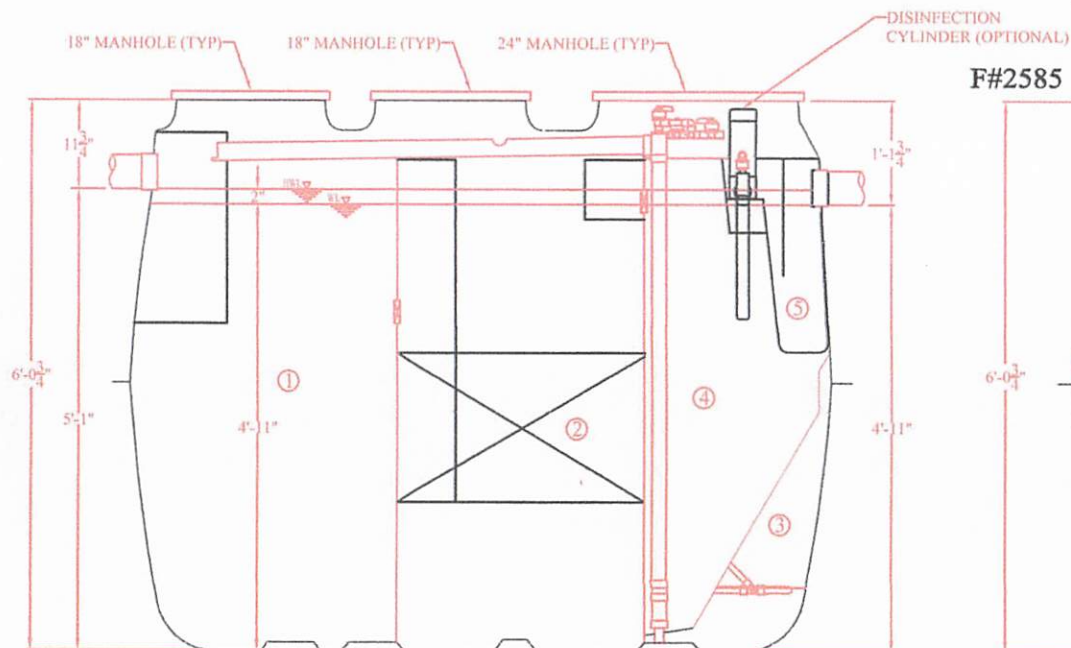
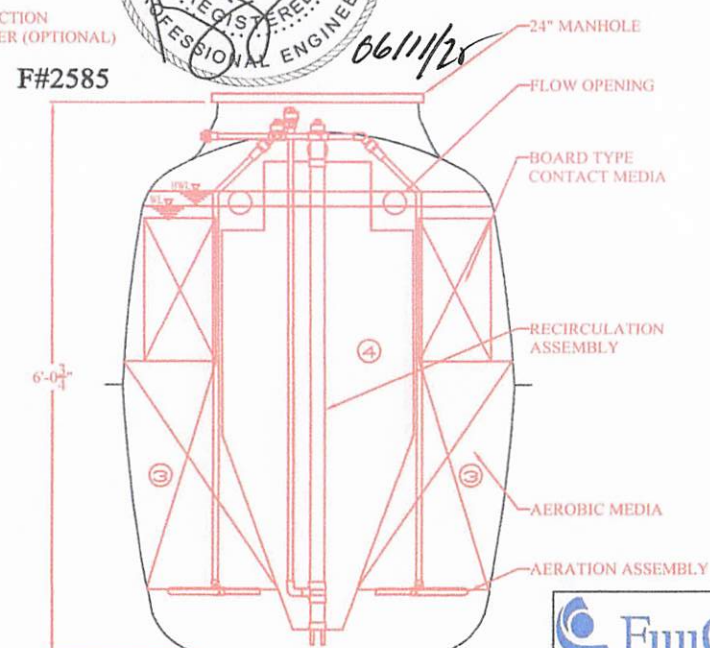
X= TEST HOLES



OWNER: SAMIR SOLANKI				DRAWN BY: EJS III	
STREET ADDRESS: 1909 LAKEVIEW DRIVE					
LEGAL DESC: CANYON LAKE HILLS		UNIT/SECTION/PHASE: 3	BLOCK:	LOT: 1330 & 1331	
PREPARED BY: GREG W. JOHNSON, P.E. F#002585		SCALE: 1"=30'	DATE: 5/13/2025		REVISED: 6/11/2025

REVISED

4:25 pm, Jun 11, 2025

**PLAN VIEW****SECTION A-A VIEW****SECTION B-B VIEW**

	CHAMBER	Volume (gal)
①	Sedimentation Chamber	397
②	Anaerobic Filtration Chamber	396
③	Aerobic Contact Filtration Chamber	181
④	Storage Chamber	90
⑤	Disinfection Chamber	6
Total Volume		1069

SPECIFICATIONS			
Anaerobic Media	PP / PE	Filling Rate	32%
Board Type Aerobic Media	PVC / PP / PE	Filling Rate	17%
Aerobic Media	PP / PE	Filling Rate	55%
Blower	2.8 cfm		
Tank	FRP		
Piping	PVC / PP / PE		
Access Covers	Plastic / Cast Iron		
Disinfectant (Optional)	Chlorine Tablets		



F#2585

FujiClean USA
Toward Clean Water...

FUJI CE7A 720 GPD
Structural Drawing

DATE: 07/01/2014 SCALE: 1/2" = 1"

REVISED

4:25 pm, Jun 11, 2025

TANK NOTES:

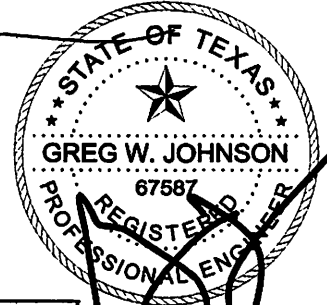
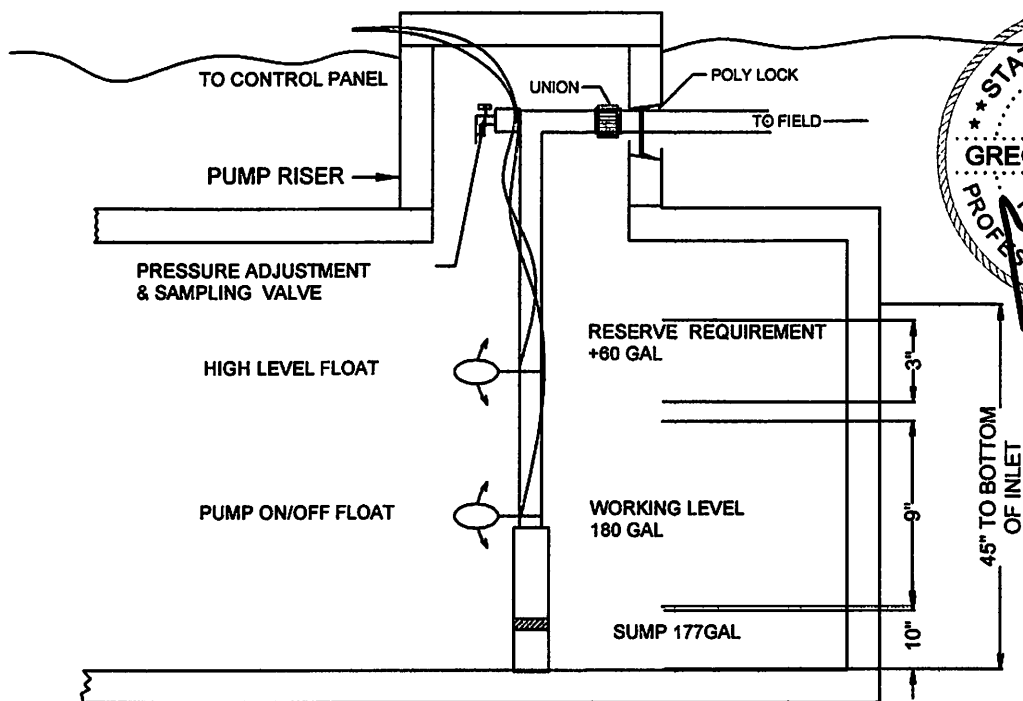
Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

Tightlines to the tank shall be SCH-40 PVC.

A two way sanitary tee is required between residence and tank.

A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks

ALL WIRING MUST BE IN COMPLIANCE WITH
THE MOST RECENT NATIONAL ELECTRIC CODE



F#2585

06/11/25

TYPICAL PUMP TANK CONFIGURATION AK750 GAL PUMP TANK

Environmental Series Pumps

FPS

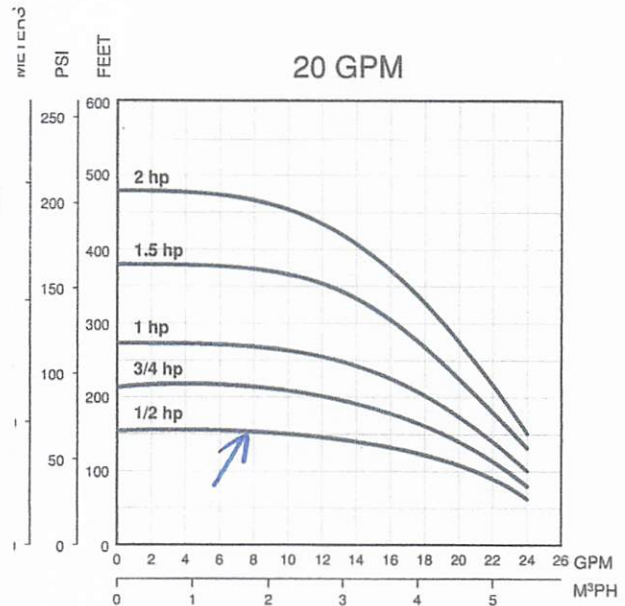
Thermoplastic Performance

LOW ANGLE NOZZLE PERFORMANCE CHART

Nozzle	PSI	Radius	GPM
#1	30	22'	1.5
	40	24'	1.7
	50	26'	1.8
	60	28'	2.0
#3	30	29'	3.0
	40	32'	3.1
	50	35'	3.5
	60	37'	3.8
#4	30	31'	3.4
	40	34'	3.9
	50	37'	4.4
	60	38'	4.7
#6	40	38'	6.5
	50	40'	7.3
	60	42'	8.0
	70	44'	8.6

KRAIN
Pro-Plus

★



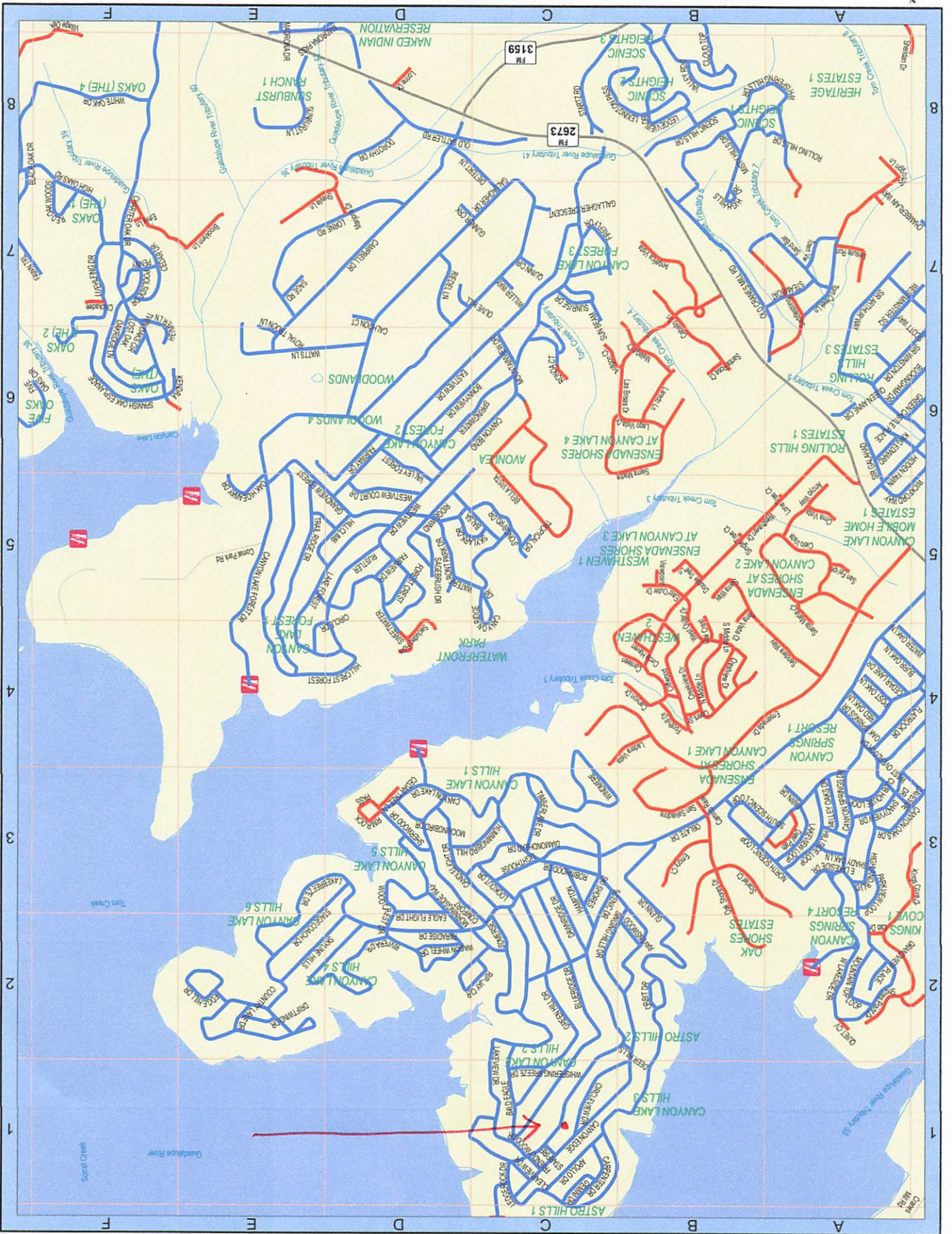
Thermoplastic Units Ordering Information

1/2 - 1.5 HP Single-Phase Units

Order No.	Model	GPM	HP	Volt	Wire	Wt.
94741005	10FE05P4-2W115	10	1/2	115	2	24
94741010	10FE05P4-2W230	10	1/2	230	2	24
94741015	10FE07P4-2W230	10	3/4	230	2	28
94741020	10FE1P4-2W230	10	1	230	2	31
94741025	10FE15P4-2W230	10	1.5	230	2	46
94742005	20FE05P4-2W115	20	1/2	115	2	25
94742010	20FE05P4-2W230	20	1/2	230	2	25
94742015	20FE07P4-2W230	20	3/4	230	2	28
94742020	20FE1P4-2W230	20	1	230	2	31
94742025	20FE15P4-2W230	20	1.5	230	2	40

Thermoplastic 1/2 - 2 HP Pump Ends

Order No.	Model	GPM	HP	Volt	Wire	Wt.
94751005	10FE05P4-PE	10	1/2	N/A	N/A	6
94751010	10FE07P4-PE	10	3/4	N/A	N/A	7
94751015	10FE1P4-PE	10	1	N/A	N/A	8
94751020	10FE15P4-PE	10	1.5	N/A	N/A	12
94752005	20FE05P4-PE	20	1/2	N/A	N/A	6
94752010	20FE07P4-PE	20	3/4	N/A	N/A	7
94752015	20FE1P4-PE	20	1	N/A	N/A	8
94752020	20FE15P4-PE	20	1.5	N/A	N/A	10
94752025	20FE2P4-PE	20	2	N/A	N/A	11



From: [Ritzen,Brenda](#)
To: [Greg Johnson](#)
Cc: [Traci Field](#); [Kyle Krohn](#)
Subject: RE: 1909 LAKEVIEW DR - SOLANKI #118667
Date: Wednesday, June 11, 2025 4:26:00 PM
Attachments: [image001.png](#)

Greg,

The permit file has been updated.

Thank you,



Brenda Ritzen
Environmental Health Coordinator
195 David Jonas Dr.
New Braunfels, TX 78132
DR:OS00007722
830-608-2090
www.cceo.org

From: Greg Johnson <gregjohnsonpe@yahoo.com>
Sent: Wednesday, June 11, 2025 12:32 PM
To: Ritzen,Brenda <rabbjr@co.comal.tx.us>
Cc: Traci Field <traci@psseptics.com>; Kyle Krohn <kyle@psseptics.com>
Subject: 1909 LAKEVIEW DR - SOLANKI #118667

This email originated from outside of the organization.

Do not click links or open attachments unless you recognize the sender and know the content is safe.

- Comal IT

REVISED TANKS.
THX,
GREG

Send for Greg W. Johnson, P.E., R.S.)
170 Hollow Oak
New Braunfels, TX 78132



COMAL COUNTY
ENGINEER'S OFFICE

ON-SITE SEWAGE

VOID

APPLICATION

195 DAVID JONAS DR
NEW BRAUNFELS, TX 78132
(830) 608-2090
WWW.CCEQ.ORG

Planning Materials & Site Evaluation as Required Completed By GREG W. JOHNSON, P.E.

System Description PROPRIETARY; AEROBIC TREATMENT AND SURFACE IRRIGATION

Size of Septic System Required Based on Planning Materials & Soil Evaluation

Tank Size(s) (Gallons) FUJI CE5 & AK500 PUMP Absorption/Application Area (Sq Ft) 2827

Gallons Per Day (As Per TCEQ Table III) 180

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ)

Is the property located over the Edwards Recharge Zone? ☐ Yes ☒ No

(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))

Is there an existing TCEQ approved WPAP for the property? ☐ Yes ☒ No

(if yes, the R. S. or P. E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)

Is there at least one acre per single family dwelling as per 285.40(c)(1)? ☐ Yes ☒ No

If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP? ☐ Yes ☒ No

(If yes, the R.S. or P. E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)

Is the property located over the Edwards Contributing Zone? ☒ Yes ☐ No

Is there an existing TCEQ approval CZP for the property? ☐ Yes ☒ No

(if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP)

If there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? ☐ Yes ☒ No

(if yes, the P.E. or R.S. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to construct will not be issued for the proposed OSSF until the CZP has been approved by the app

Is this property within an incorporated city? ☐ Yes ☒ No

If yes, indicate the city: _____



FIRM #2585

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.
- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable

Signature of Designer

May 13, 2025

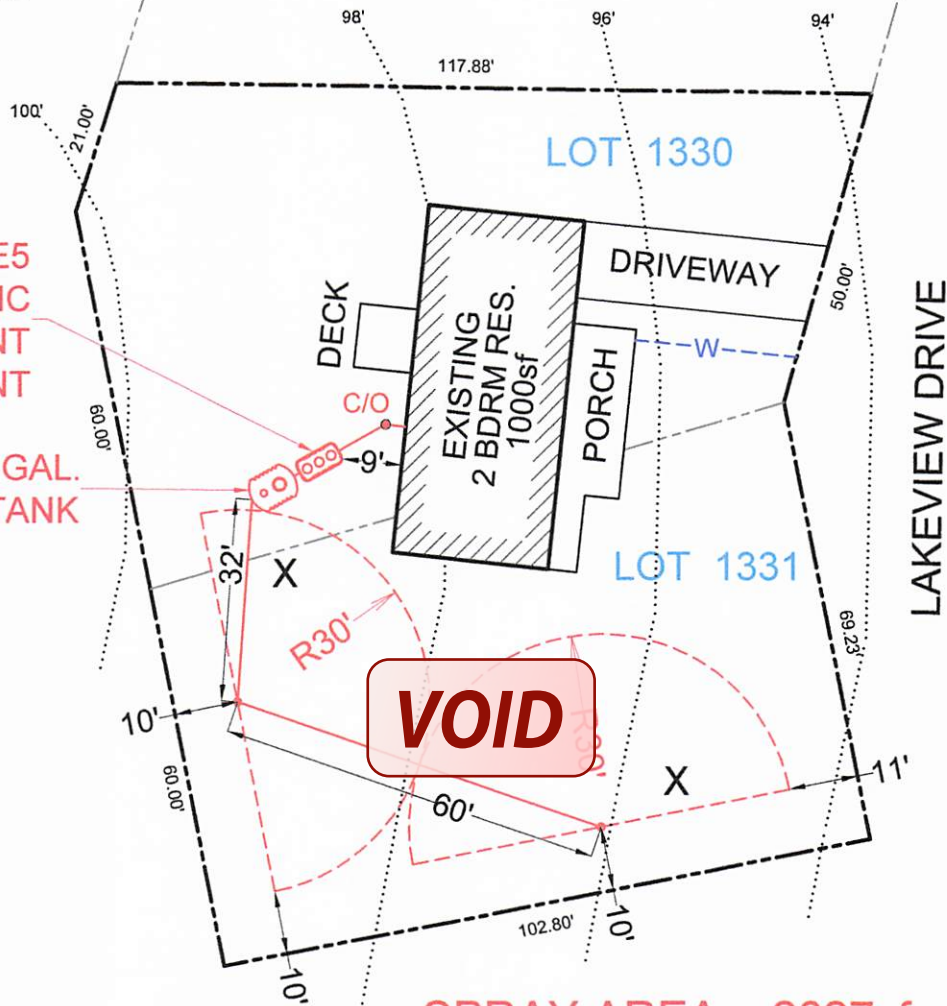
Date

FIRM #2585

NOTE:
NO OSSF SYSTEM CAN
BE INSTALLED ON THE
SAME PROPERTY AS
THE SINGLE FAMILY
DWELLING, DUE TO
PLACEMENT OF HOUSE
AND SIZE OF LOT.
SAMIR SOLANKI
OWNS BOTH
PROPERTIES.

FUJI CLEAN - CE5
AEROBIC
TREATMENT
PLANT

AK - 500 GAL.
PUMP TANK



SPRAY AREA = 2827sf

X= TEST HOLES



OWNER: SAMIR SOLANKI			DRAWN BY: EJS III		
STREET ADDRESS: 1909 LAKEVIEW DRIVE					
LEGAL DESC: CANYON LAKE HILLS		UNIT/SECTION/PHASE: 3		BLOCK: LOT: 1330 & 1331	
PREPARED BY: GREG W. JOHNSON, P.E. F#002585		SCALE: 1"=30'		DATE: 5/13/2025	
				REVISED:	

VOID

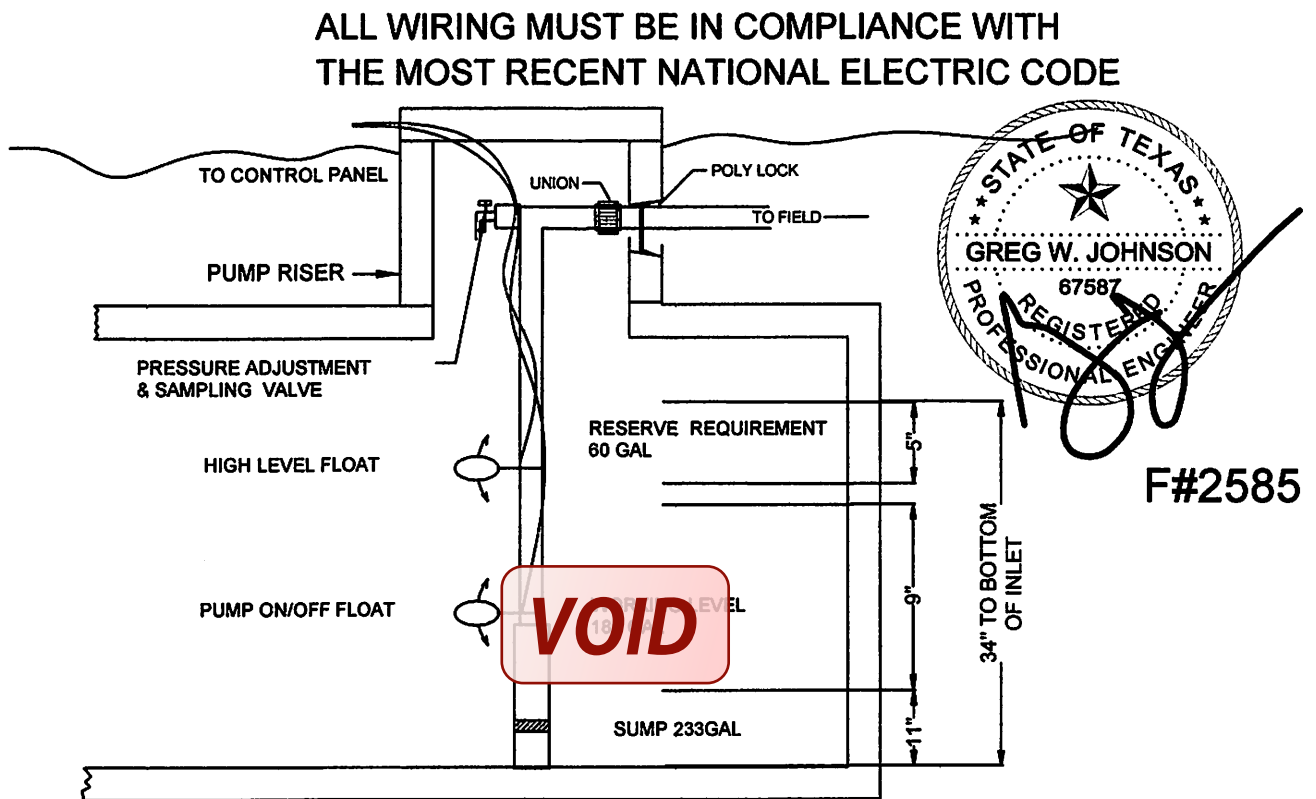
TANK NOTES:

Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

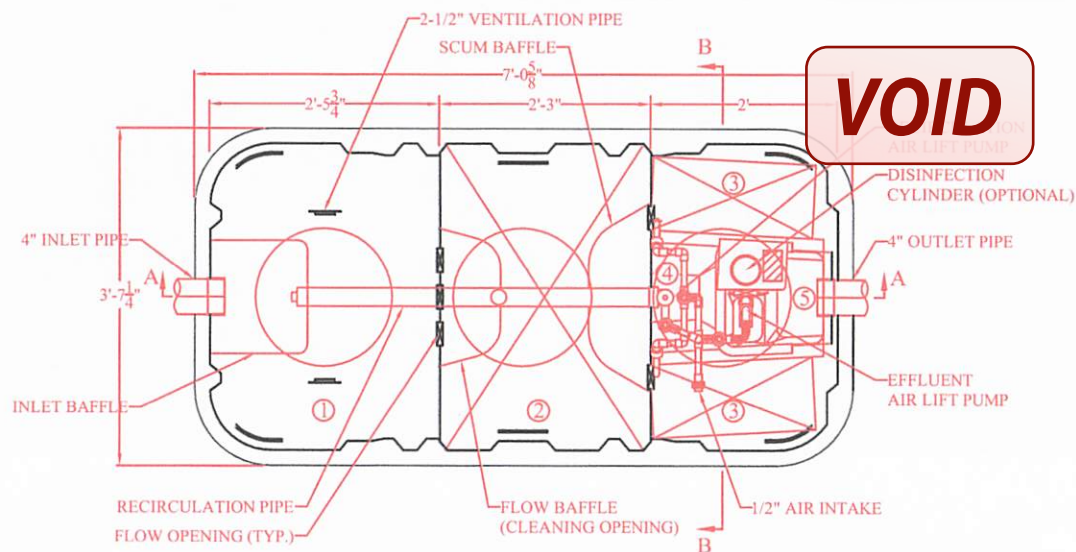
Tightlines to the tank shall be SCH-40 PVC.

A two way sanitary tee is required between residence and tank.

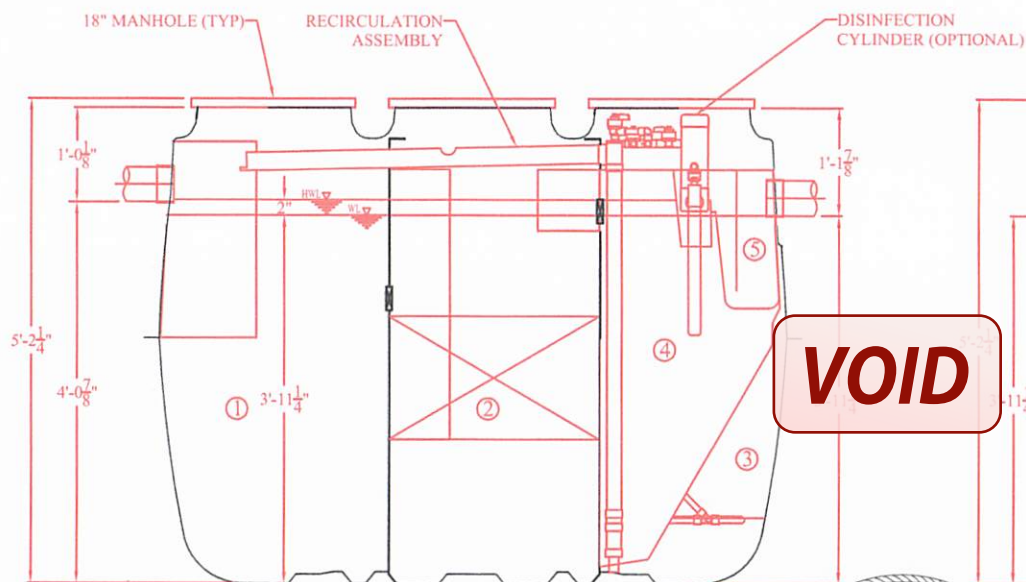
A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks



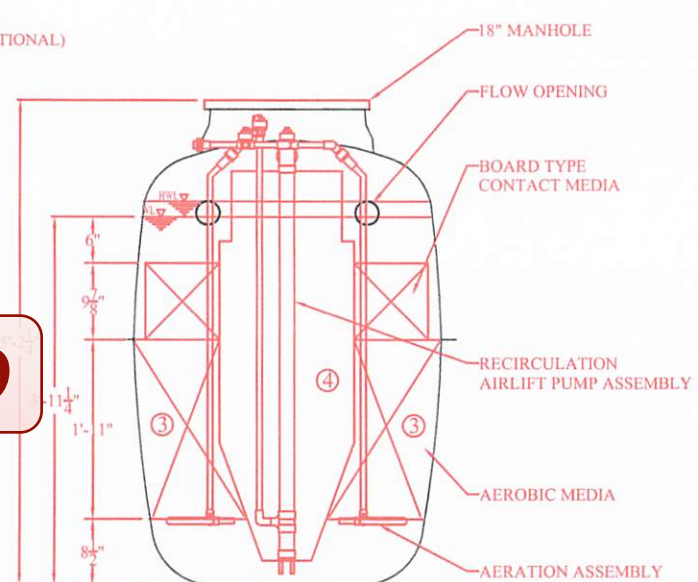
**TYPICAL PUMP TANK CONFIGURATION
AK500 GAL PUMP TANK**



PLAN VIEW



SECTION A-A VIEW



SECTION B-B VIEW

	CHAMBER	Volume (gal)
①	Sedimentation Chamber	198
②	Anaerobic Filtration Chamber	198
③	Aerobic Contact Filtration Chamber	95
④	Storage Chamber	44
⑤	Disinfection Chamber	4
Total Volume		540

SPECIFICATIONS			
Anaerobic Media	PP / PE	Filling Rate	31%
Board Type Aerobic Media	PVC / PP / PE	Filling Rate	16%
Aerobic Media	PP / PE	Filling Rate	55%
Blower	2.8 cfm		
Tank	FRP		
Piping	PVC / PP / PE		
Access Covers	Plastic / Cast Iron		
Disinfectant (Optional)	Chlorine Tablets		



F2585
05/13/25

FujiClean USA
Toward Clean Water...

CE-5 Structural Drawing

DATE:	03/21/2014	SCALE:	1/2" = 1"
-------	------------	--------	-----------

VOID

Environmental Series Pumps

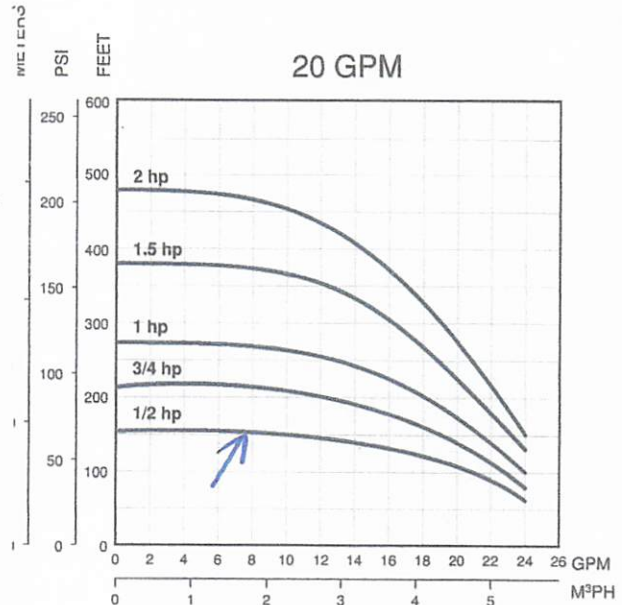
Thermoplastic Performance

LOW ANGLE NOZZLE PERFORMANCE CHART

Nozzle	PSI	Radius	GPM
#1	30	22'	1.5
	40	24'	1.7
	50	26'	1.8
	60	28'	2.0
#3	30	29'	3.0
	40	32'	3.1
	50	35'	3.5
	60	37'	3.8
#4	30	31'	3.4
	40	34'	3.9
	50	37'	4.4
	60	38'	4.7
#6	40	38'	6.5
	50	40'	7.3
	60	42'	8.0
	70	44'	8.6

KRAIN
Pro-Plus

★



Thermoplastic Units Ordering Information

1/2 - 1.5 HP Single-Phase Units

Order No.	Model	GPM	HP	Volt	Wire	Wt.
94741005	10FE05P4-2W115	10	1/2	115	2	24
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94741020	10FE1P4-2W230	10	1	230	2	31
94741025	10FE15P4-2W230	10	1.5	230	2	46
94742005	20FE05P4-2W115	20	1/2	115	2	25
94742010	20FE05P4-2W230	20	1/2	230	2	25
94742015	20FE07P4-2W230	20	3/4	230	2	28
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94742025	20FE15P4-2W230	20	1.5	230	2	40

Thermoplastic 1/2 - 2 HP Pump Ends

Order No.	Model	GPM	HP	Volt	Wire	Wt.
94751005	10FE05P4-PE	10	1/2	N/A	N/A	6
94751010	10FE07P4-PE	10	3/4	N/A	N/A	7
94751015	10FE1P4-PE	10	1	N/A	N/A	8
94751020	10FE15P4-PE	10	1.5	N/A	N/A	12
94752005	20FE05P4-PE	20	1/2	N/A	N/A	6
94752010	20FE07P4-PE	20	3/4	N/A	N/A	7
94752015	20FE1P4-PE	20	1	N/A	N/A	8
94752020	20FE15P4-PE	20	1.5	N/A	N/A	10
94752025	20FE2P4-PE	20	2	N/A	N/A	11

54C 1130387 mw

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

GENERAL WARRANTY DEED
(With Third Party Vendor's Lien)

THE STATE OF TEXAS

§

COUNTY OF COMAL

§

THAT DANIEL S. BAUMGARTNER AND WIFE, IRENE LOPEZ BAUMGARTNER, hereinafter referred to as "Grantor" (whether one or more), for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable consideration to Grantor in hand paid by SAMIR SOLANKI, A MARRIED MAN, hereinafter referred to as "Grantee" (whether one or more), the receipt and sufficiency of which are hereby acknowledged and confessed, and for the further consideration of the execution and delivery by Grantee of one certain Promissory Note of even date herewith, in the original principal sum of One Hundred Eighty-One Thousand Five Hundred Thirty And No/100 Dollars (\$181,530.00), payable to the order of SPROUT MORTGAGE, LLC, hereinafter called "Mortgagee"; said Promissory Note being secured by a Vendor's Lien and the Superior Title herein retained and reserved in favor of Grantor and assigned and conveyed, without recourse, to Mortgagee, and also being secured by a Deed of Trust of even date herewith from Grantee to THOMAS E. BLACK, JR, Trustee, reference to said Promissory Note and Deed of Trust being hereby made for all purposes; Grantor has GRANTED, SOLD AND CONVEYED, and by these presents does GRANT, SELL AND CONVEY, unto Grantee, the following described real property, to-wit:

LOT ONE THOUSAND THREE HUNDRED THIRTY (1330) AND ONE THOUSAND THREE HUNDRED THIRTY-ONE (1331), CANYON LAKE HILLS, UNIT NO. 3, A SUBDIVISION IN COMAL COUNTY, TEXAS, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 2, PAGE 19, OF THE MAP AND PLAT RECORDS OF COMAL COUNTY, TEXAS.

together with all improvements thereon, if any, and all rights, privileges, tenements, hereditaments, rights of way, easements, appendages and appurtenances, in anyway appertaining thereto, and all right, title, and interest of Grantor in and to any streets, ways, alleys, strips or gores of land adjoining the above described property or any part thereof (hereinafter referred to as the "Property").

TO HAVE AND TO HOLD the Property, together with all and singular the rights and appurtenances thereto in any wise belonging, unto Grantee and Grantee's heirs or assigns FOREVER. Grantor does hereby bind Grantor and Grantor's heirs, executors, and administrators TO WARRANT AND FOREVER DEFEND all and singular the said Property unto Grantee and Grantee's heirs and assigns against every person whomsoever lawfully claiming or to claim the same, or any part thereof.

But it is expressly agreed that Grantor reserves and retains for Grantor, and Grantor's heirs and assigns, a Vendor's Lien, as well as the Superior Title, against the Property until the above described Promissory Note and all interest therein have been fully paid according to the terms thereof, when this Deed shall become absolute.

WHEREAS, Mortgagee, at the special instance and request of Grantee, having paid to Grantor a portion of the purchase price of the Property, as evidenced by the above described Promissory Note, Grantor hereby assigns, transfers, conveys and delivers, without recourse, to Mortgagee said Vendor's Lien and Superior Title against said Property to secure the payment of said Promissory Note, and subrogates Mortgagee to all rights and remedies of Grantor in the Property by virtue thereof.

To the extent applicable to and enforceable against the Property, this Deed is executed, delivered and accepted subject to the following: any liens described herein; ad valorem taxes for the current and all subsequent years, and subsequent assessments for prior years due to changes in land usage or ownership; zoning ordinances, utility district assessments, and standby fees, if any; all valid utility easements created by the dedication deed or plat of the platted subdivision in which the Property is located, covenants and restrictions common to the platted subdivision in which the Property is located, mineral reservations, and maintenance or assessment liens (if any), all as shown by the real property records of the County Clerk of the County in which said Property is located; and any title or rights asserted by anyone (including, but not limited to, persons, corporations, governments or other entities) to tidelands, or lands comprising the shores or beds of navigable or perennial rivers and streams, lakes, bays, gulfs or oceans, or to any land extending from the line of the harbor or bulkhead lines as established or changed by any government or to filled-in lands, or artificial islands, or to riparian rights or other statutory water rights, or the rights or interests of the State of Texas or the public generally in the area extending from the line of mean low tide to the line of vegetation or the right of access thereto, or right of easement along and across the same, if any.

The contract between Grantor, as the seller, and Grantee, as the buyer, may contain limitations as to warranties. To the extent said contract provides for such limitations to survive this conveyance, they shall be deemed incorporated herein by reference. However, the warranty of title contained in this Deed is hereby expressly excluded from any limitations as to warranties contained in the contract referenced in this paragraph.

When this Deed is executed by more than one person, or when Grantee is more than one person, the instrument shall read as though pertinent verbs, nouns and pronouns were changed correspondingly, and when executed by or to a legal entity other than a natural person, the words "heirs, executors and administrators" or "heirs and assigns" shall be construed to mean "successors and assigns". Reference to any gender shall include either gender and in the case of a legal entity other than a natural person, shall include the neuter gender, all as the case may be. The term "Mortgagee" shall include the Mortgagee's heirs, successors and assigns, as applicable.

DATED the 19TH day of MARCH, 2021.



DANIEL S. BAUMGARTNER



IRENE LOPEZ BAUMGARTNER

After Recording Return To Grantee
At GRANTEE'S MAILING ADDRESS:

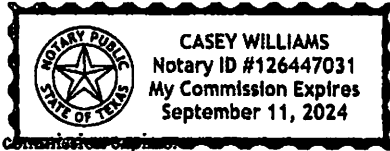
SAMIR SOLANKI
4210 SCENIC VALLEY LANE
SUGAR LAND, TX 77479

ACKNOWLEDGMENTS

The State of TEXAS §

County of COMAL §

This instrument was acknowledged before me on the 19 day of March, 2021, by DANIEL S. BAUMGARTNER and IRENE LOPEZ BAUMGARTNER.



My commission expires on

9-11-24

Casey Williams
Notary Public

Casey Williams
Notary's Name (printed)

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
03/23/2021 10:33:55 AM
LAURA 3 Pages(s)
202106015051



Bobbie Koepp



COMAL COUNTY
ENGINEER'S OFFICE

**OSSF DEVELOPMENT APPLICATION
CHECKLIST**

Staff will complete shaded items

		118667
<i>Date Received</i>	<i>Initials</i>	<i>Permit Number</i>

Instructions:

Place a check mark next to all items that apply. For items that do not apply, place "N/A". This OSSF Development Application Checklist **must** accompany the completed application.

OSSF Permit

- ☒ Completed Application for Permit for Authorization to Construct an On-Site Sewage Facility and License to Operate
- ☒ Site/Soil Evaluation Completed by a Certified Site Evaluator or a Professional Engineer
- ☒ Planning Materials of the OSSF as Required by the TCEQ Rules for OSSF Chapter 285. Planning Materials shall consist of a scaled design and all system specifications.
- ☒ Required Permit Fee - See Attached Fee Schedule
- ☒ Copy of Recorded Deed
- ☒ Surface Application/Aerobic Treatment System
 - ☒ Recorded Certification of OSSF Requiring Maintenance/Affidavit to the Public
 - ☒ Signed Maintenance Contract with Effective Date as Issuance of License to Operate

I affirm that I have provided all information required for my OSSF Development Application and that this application constitutes a completed OSSF Development Application.

Signature of Applicant

05/19/2025

Date

___ COMPLETE APPLICATION	
Check No. _____	Receipt No. _____

INCOMPLETE APPLICATION	
___ (Missing Items Circled, Application Refused)	