



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: 119043
Issued This Date: 10/17/2025
This permit is hereby given to: Jeffery and Anne Reynolds

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

924 HIGHVIEW ST
CANYON LAKE, TX 78133

Subdivision: Canyon Lake Mobile Home Estates
Unit: 3
Lot: 358
Block: -
Acreage: 0.2300

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic
Drip 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.



ON-SITE SEWAGE FACILITY APPLICATION

Date _____

Permit Number 119043

1. APPLICANT / AGENT INFORMATION

Owner Name Jeffery E. Reynolds and Anne M. Reynolds
Mailing Address 924 Highview St
City, State, Zip Canyon Lake, TX 78133
Phone # _____
Email _____

Agent Name Doug Dowlearn R.S.
Agent Address PO BOX 212
City, State, Zip Bulverde, TX 78163
Phone # 210-878-8100
Email TXSEPTIC@GMAIL.COM

2. LOCATION

Subdivision Name Canyon Lake Mobile Home Estates Unit 3 Lot 358 Block _____
Survey Name / Abstract Number _____ Acreage .23
Address 924 Highview St 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 4

Indicate Sq Ft of Living Area <3500

☐ 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: \$ 0 (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 ☐ Rainwater

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

08/19/2025



ON-SITE SEWAGE FACILITY APPLICATION

Planning Materials & Site Evaluation as Required Completed By Doug Dowlearn R.S.

System Description Aerobic with drip disposal

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

Tank Size(s) (Gallons) 600 Absorption/Application Area (Sq Ft) 1500

Gallons Per Day (As Per TCEQ Table III) 300

(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 R.S. or P.E. 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 appropriate regional office.)

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

If yes, indicate the city:

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

9/22/2025

Date

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**COUNTY OF COMAL
STATE OF TEXAS**

AFFIDAVIT TO THE PUBLIC

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

According to Texas Commission on Environmental Quality (TCEQ) 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, give 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 owners 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):

Canyon Lake Mobile Home Estates, Unit 3, Lot 358

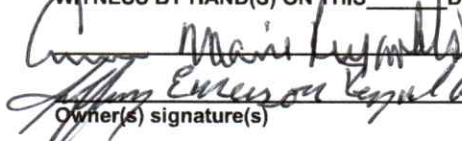
The property is owned by (Insert owner's full name):

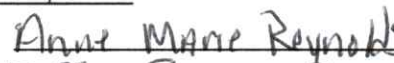
Jeffery E. Reynolds and Anne M. Reynolds

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 OSSF may be obtained from **Comal County Engineer's Office**.

WITNESS BY HAND(S) ON THIS _____ DAY OF _____

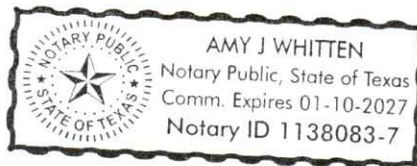

Owner(s) signature(s)



(PRINTED NAME) /TITLE

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 19th DAY OF September 2025


Notary Public, State of Texas
Notary's Printed Name: Amy J. Whitten
My Commission Expires: 01/10/2027



Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
09/19/2025 08:27:52 AM
TERRI 1 Page(s)
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WASTEWATER TREATMENT SYSTEM MAINTENANCE CONTRACT

Customer

Jeff and Anne Reynolds

Residential



Initial Contract



Site Address

924 Highview St. Canyon Lake, TX 78133

Agency

Email

jeffreynoldsbs@gmail.com

Phone

254-251-0886

Permit Number

System Details

Aerobic with drip disposal

MAINTENANCE AGREEMENT

I. General:

This work for hire agreement (hereinafter referred to as "Agreement") is entered into by and between the Client and Luna Environmental, LLC (hereinafter referred to as "Contractor"), located at 9595 Ranch Rd 12 Suite #1, Wimberley, TX 78676. By this agreement, Contractor agrees to render services, as described herein, and Client agrees to fulfill his/her/their responsibilities under the agreement as described herein.

II. Dates & Fees:

This agreement commences upon receipt by the Contractor of notice that the Local Regulatory Agency has given final approval of the installation (for a new or modified system), or on License to Operate for an existing system, provided the Contractor has received payment in full of Fee(s) as agreed herein. The fees for this agreement are Included and shall be prepaid per the payment terms outlined herein.

III. Renewal Terms:

The term of this Agreement is 2 year(s) but in no case shall the Fee to the Contractor be for less than **one (1) year**. This Agreement is non-expiring and automatically renews without need for signing of any additional document(s) – provided Client continues to timely pay the Fee(s) when due. Agreements paid monthly are paid using Contractor's system for automatic debit or automatic draft. Agreements that are prepaid will be invoiced by Contractor before the due date and must be timely paid by Client. If not timely paid before the due date, the Contractor has the right to terminate this Agreement.

IV. Services by Contractor:

1. Inspect and perform routine maintenance on the part with "On-Site Sewage Facility" ("OSSF" or "the system") in compliance with code, regulations, and/or rules of the Texas Commission on Environmental Quality ("TCEQ") and county in which the OSSF is located and the manufacturer's requirements, at a frequency of approximately once every four (4) months.
2. Inspection, adjustment, and servicing of the mechanical, electrical, and other components to ensure proper functioning. This includes inspecting control panels, air pumps, air filters, diffusers, floats, and spray heads.
3. Effluent Inspection will include the following: effluent quality (color, turbidity, overflow, and odor), testing effluent chlorine and pH levels, when necessary, alarm function, filters, operation of effluent pump and chlorinator. Unless otherwise agreed to, Contractor does not provide chlorine. BOD and TSS annually on commercial accounts, additional charges apply.
4. Notify Client of any repairs needed to keep OSSF in proper working condition and up to regulatory standards. Items under warranty may be repaired while the technician is on-site. Replacement, Replenishment, and

Repairs are additional services not covered by the Fee. Regarding all such work, Contractor shall abide by Client's election in Section V of this agreement.

5. Report to the appropriate regulatory agency and to Client, as required by the State of Texas' on-site rules and, if required, TCEQ or County rules. All findings must be reported to the appropriate regulatory agency within 14 days.
6. Visit site within 48 hours of a service request.
7. Provide Customer Support line at (855) 560-9909

V. Client Responsibilities:

1. Maintain a current License to Operate and abide by the conditions and limitations of that license and all requirements for OSSF from the State and Local Regulatory Agency as well as manufacturer's recommendations.
2. Maintain disinfection unit and at all times provide proper and adequate chlorine supply or operating disinfection component, if OSSF is equipped with same.
3. Provide all necessary site, yard, or lawn maintenance and removal of obstacles, including dogs and other animals, as needed to allow the system and its components to function properly and to allow Contractor safe and easy access to all parts of the system and its components.
4. Maintain site drainage to prevent adverse effects on OSSF.
5. Provide for pumping of tanks, when and as suggested by Contractor, at Client's own expense. Typically, every 3 years.
6. Do not exceed the system's physical, hydraulic, or biological limitations
7. Notify Contractor within 24 hours of the occurrence of any and all alarms or problems with any component or with the system.
8. Be available by text, phone, or in person when the Contractor is on-site in case of required repair approvals or questions.
9. Promptly pay Contractor's bills, fees, and invoices in full.
10. Elect one of the following: ☒

Yes, I authorize. If during the Contractor's time of the maintenance check any component of the system is found to need replacement, replenishment, or repair, then Client authorizes Contractor to perform the service per the above and bill or charge the Client for such additional services without further approval by Client so long as the service is \$150 or less and the Contractor has the necessary materials to perform the replacement, replenishment, or repair.

☒ **No, I do not authorize.** If, during the Contractor's maintenance check, any component of the system is found to be in need of replacement, replenishment, or repair, Contractor will notify Client of repairs needed and, where feasible, provide an estimate of costs. No replacement, replenishment, or repairs will be performed without express approval of Client. Additional Service fees will apply for return visits to perform repairs.

VI. Authority

In signing this Agreement, the Client: (1) hereby affirms ownership to the Property as well as the OSSF that is the subject of this Agreement. (2) represents that he/she has authority to permit Contractor's entry upon property to monitor, service, or repair and agrees to hold Contractor and its agents harmless for entry upon such real property for these purposes, and (3) represents to have the authority to bind all owners of the property to the terms of this agreement, or to accept personal responsibility for these terms.

VII. Access By Contractor

Contractor is hereby granted access to the system and all related components for the purposes of performing the Services or Additional Services. Unless other arrangements have been made in advance in writing, Contractor's personnel may enter the property at reasonable times without any form of notice for the purpose of performing the Services or Additional Services. Contractor will require free, unrestricted access to the system and related components for the purpose of performing all work. If upon arrival at the site, Contractor determines that access is prevented, blocked, or restricted, Contractor is not required to perform any of the steps, and will be credited with completion of that maintenance check. Additional maintenance checks to complete the Services shall be billed to Client as an Additional Service.

VIII. Payment Terms:

The fee for this agreement only covers the services described herein. This fee does not cover equipment or labor for non-warranty repairs, labor for warranty repairs, or service charges resulting from unscheduled, Client requested trips to the Client's OSSF. Payments not received within 30 days from the date of invoicing will be subject to a \$30.00 late penalty and or a 1.5% monthly carrying charge, whichever is greater. By signing this contract, the Client authorizes the Contractor to remove any parts which were installed but not paid for at the end of 30 days. The Client is still responsible for any labor costs associated with the installation and removal of said parts. All invoices are due upon receipt by Client. Under no condition shall prepayment of Fee, or the sum of monthly payments of Fee, be for less than **a one-year term**. After **2 year(s)**, prepaid agreements (other than monthly) may be prorated using monthly increments, less other charges as discussed elsewhere in this Agreement.

IX. Application or Transfer of Payment:

The Fee paid for this Agreement may transfer to the subsequent owner(s), however, this Agreement will not transfer. Client will advise subsequent owner(s) of the regulatory requirement for a replacement Agreement. Regulations require that replacement Agreements be signed and received within 30 days of transfer of ownership. Contractor will apply all funds received from Client first to any past-due obligations arising from this Agreement including late charges, returned check charges, and charges for repairs or services not paid within 10 days of invoicing. Unpaid balances on Client's account may lead to the extension of the monthly drafting or debiting program, if applicable, to complete payment of Client's account balance(s).

X. Termination of Agreement:

After a minimum of **2 year(s)**, in order to provide sufficient time to comply with the regulatory requirement for notices from the Contractor to the Local Regulatory Agency, this Agreement may be terminated for any reason by either party with a minimum 30 day written notice, without fault of the terminating party. Contractor shall be due a Fee equal to at least the first year and may also deduct for any other work performed by Contractor but not yet paid by Client, whether invoiced prior to termination or not. Contractor will notify the appropriate Local Regulatory Agency of this termination.

XI. Limitation of Liability:

In no event shall the Contractor be liable for indirect, consequential, incidental, or punitive damages, whether in contract, tort, or any other theory of liability. In no event shall the Contractor's liability for the direct damages exceed payments by the Client under this agreement.

XII. Severability:

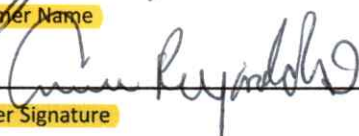
If any provision of this agreement shall be held to be invalid or unenforceable for any reason the remaining provisions shall continue to be held valid and enforceable. If a court finds that any provision of this agreement is invalid or unenforceable, by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

Jeff Reynolds



Customer Name

ANNE REYNOLDS



Customer Signature

Luna Environmental / Logan Leppo

Signed by: Maintenance Provider Name



License # MP0002494

Maintenance Provider Signature

Additional Comments / Special Terms

Preliminary Field Check For Drip Systems

Date: 9/22/2025

Applicant Information:

Name: Jeffery and Anne Reynolds

Address: 924 Highview St

City, State & Zip Code: Canyon Lake, TX 78133

Phone:

Email:

Site Evaluator Information:

Name: Douglas R. Dowlearn

Company: D.A.D. Services, Inc.

Address: 703 Oak Drive

City, State & Zip: Blanco, TX 78606

Phone: (210)240-2101 **Fax:** (866)260-7687

Email: txseptic@gmail.com

Property Location:

Subdivision: Canyon Lake Mobile Home Estates **Unit:** 3

Lot: 358

Street/Road Address: 924 Highview St

City: Canyon Lake **Zip:** 78133

Additional Info: Comal County

Depth	Texture Class	Soil Texture	Structure (For Class III – blocky, platy or massive)	Drainage (Mottles/Water Table)	Restrictive Horizon	Observation
Soil Boring #1 60"	III	0-13" Clay Loam	Blocky	<30% Gravel	13"+ Limestone	CLEAR SURFACE ROCK AND BOULDERS FROM DRAINFIELD AREA, AND ENSURE THAT THERE IS AT MINIMUM 12" OF SUITABLE SOIL BETWEEN THE BOTTOM OF THE DRIP LINES, AND THE RESTRICTIVE HORIZON. CLASS II SOIL MAY NEED TO BE IMPORTED IN ORDER TO MAINTAIN THE MINIMUM 12" OF SOIL BETWEEN THE BOTTOM OF THE DRIP LINES AND RESTRICTIVE HORIZON
Soil Boring #2 60"		Same as above				

DESIGN SPECIFICATIONS

Application Rate (RA): 0.2

OSSF is designed for: 4 Bedroom <3500 Sq. Ft House
300 gallons per day

An aerobic treatment/drip disposal system is to be utilized based on the site evaluation.
1500 sq. ft. disposal area required
600 Gallon / Day aerobic tank required

Calculations: Absorption Area: $Q/RA = 300/0.2 = 1500$ Sq. Ft.

FEATURES OF SITE AREA

Presence of 100-year flood zone: NO

Existing or proposed water well in nearby area: NO

Presence of adjacent ponds, streams, water impoundments: NO

Presence of upper water shed: NO

Organized sewage service available to lot: NO

I certify that the findings of this report are based on my field observations and are accurate to the best of my ability. The site evaluation and OSSF design are subject to approval by the TCEQ or the local authorized agent. The planning materials and the OSSF design should not be considered final until a permit to construct has been issued.

Site Evaluator:

NAME: Douglas R. Dowlearn, R.S.

Signature:



License No. OS9902 – Exp. 6/30/2026

TDH: #2432 – Exp. 2/28/2027

An inspector will be on-site 10/17/2025 for a preliminary visit.
Additional comments may follow.

D.A.D SERVICES, INC.
DOUG DOWLEARN
PO BOX 212, BULVERDE, TX 78163
Designed for:
Reynolds Jeffery E & Anne M

The installation site is on lot 358 of the Canyon Lake Mobile Home Estates 3 Subdivision in Comal County, TX. The proposed OSSF will treat the wastewater from a 4 Bedroom (< 3500 sq. ft.) residence. The proposed method of wastewater treatment is aerobic treatment with drip irrigation. This method was chosen because of unsuitable soil conditions.

PROPOSED SYSTEM:

A 3" or 4" PVC pipe will discharge from the structure to an Aquaklear AKA600CA aerobic treatment plant, containing a 500 gallon pre-treatment tank, a 600 gpd aerobic treatment plant, and a 800 gallon pump tank equipped with a 20 gpm submersible pump. The pump is activated by a time controller allowing the distribution 8 times per day with a 10 minute run time per dose, with float switches set to pump 300 gallons per day. A high level audible and visual alarm will activate should the pump fail. Distribution from the pump is through a self flushing 100 micron, 140 mesh disc filter, then through a 1" SCH-40 manifold to a 783 L.F. drip tubing field, with drip lines set approximately two feet apart with 0.61 gph emitters set every two feet, as per the attached schematic. A threaded union will be installed in the pump tank on the supply manifold to the drip field, and a pressure regulator will be installed on the supply manifold to maintain a pressure of 30 psi. A 1" SCH-40 return line is installed to periodically flush the system by cycling a 1" ball valve. Solids caught in the spin filter are flushed each cycle back to the pre-treatment tank. Vacuum breakers installed at the highest point on each manifold will prevent siphoning of effluent from higher to lower parts of the field. The placement of the drip tubing will be on soil that has been scarified, and enough class II soil will be added so that there is 12" of soil under the drip tubing. The tubing will be covered with 6" of Class II soil.

DESIGN SPECIFICATIONS:

Daily Waste Flow: 300 gpd
Application rate: 0.2
Application area required: $300/.2 = 1500$ sq. ft
Application area utilized: 1566 sq. ft. - 9 sq. ft(impermeable lids) = 1557 sq. ft
Pump tank reserve capacity: 100 gal minimum



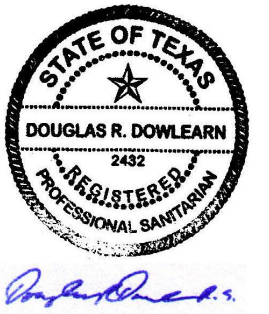
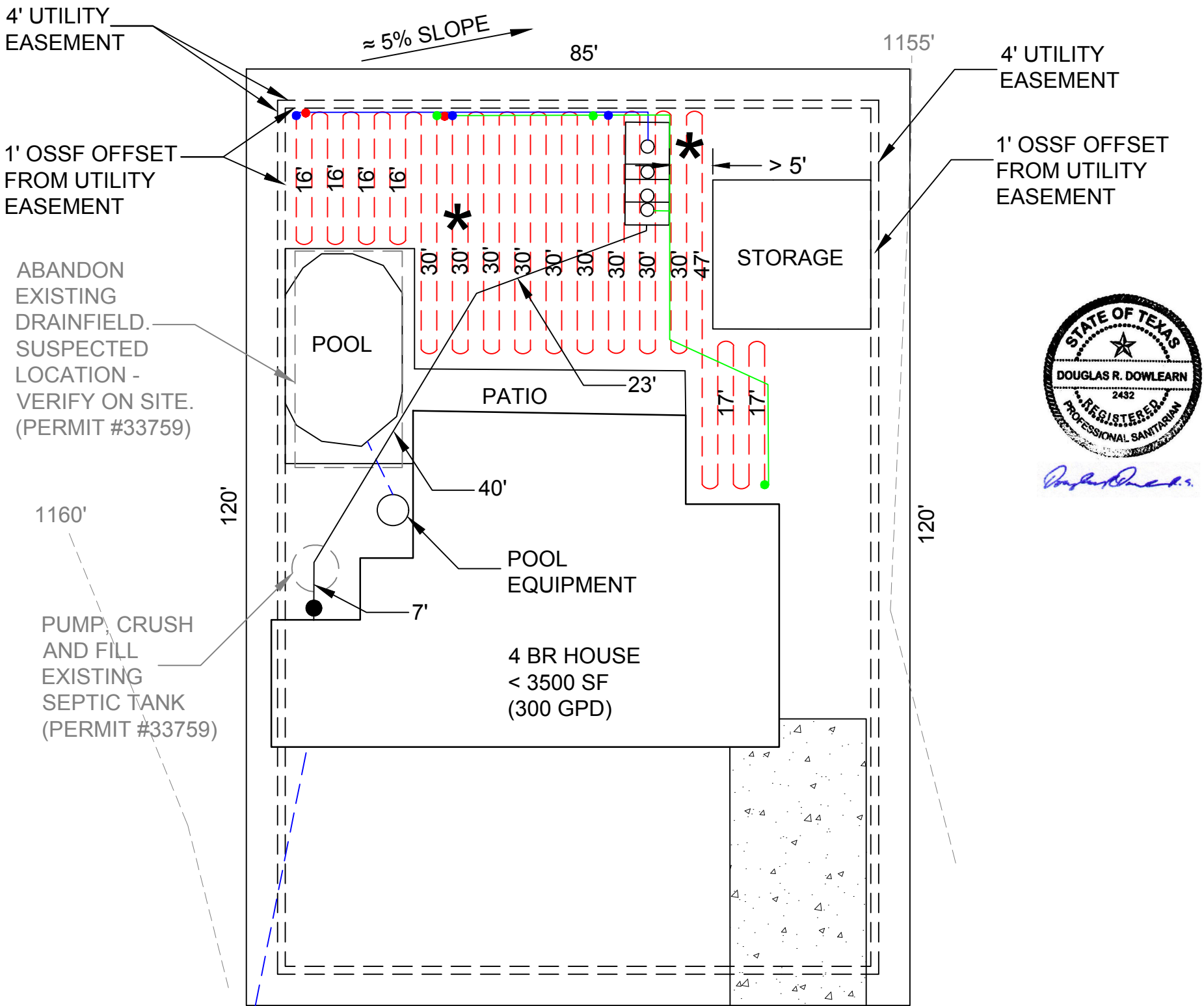
Douglas R. Dowlearn

SYSTEM COMPONENTS:

SCH 40 PVC sewer line
Aquaklear AKA600CA
 500 gallon pre treatment tank
 600 gpd aerobic treatment plant
 800 gallon pump tank with timed controls
 C1 Series, 20Xgpm - 0.5hp/115V, Model No. 20C1X-05P4-2W115 (or equivalent)
1" purple PVC supply line
30 PSI pressure regulator - Model PMR30MF
Netafim Bioline Drip tubing

LANDSCAPING:

The native vegetation in the distribution area should consist of low level shrubs, plains grass, bluestem or bermuda. The entire area of the drip disposal must be covered with a ground cover such as grass seed or sod prior to the final inspection.

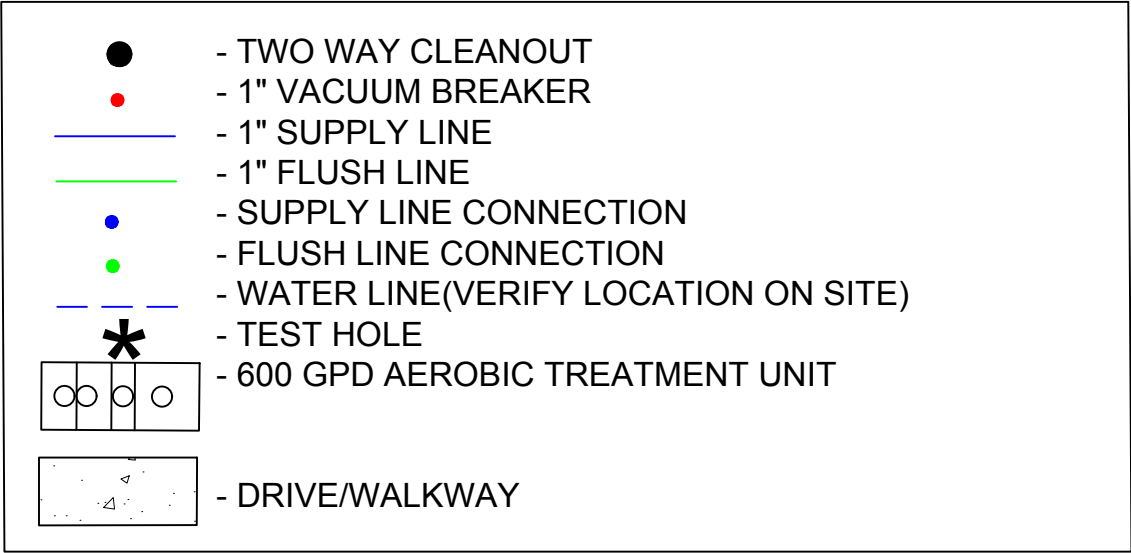


783 L.F. OF DRIP TUBING SPACED 2' APART.
8 ROWS @ 16 L.F. EACH
18 ROWS @ 30 L.F. EACH
1 ROW @ 47 L.F.
4 ROWS @ 17 L.F. EACH

NOTES:

- USE 3" OR 4" SCH 40 SEWER PIPE TO CONNECT STRUCTURE TO TANK.
- CLEANOUT WITHIN 3' OF STRUCTURE.
- SEWER PIPE CONNECTING THE STRUCTURE TO THE TANK MUST HAVE AT MINIMUM 1/8" FALL PER 1'.
- SEWER LINES WILL BE SLEEVED OR WILL BE SCHEDULED 80 PVC WHERE THEY CROSS AND ARE WITHIN 10' OF POOL WATER LINES. THIS WILL PROVIDE EQUIVALENT PROTECTION TO THE SETBACK REQUIREMENTS IN TAC 290 CONCERNING WATER LINES.
- SEWER LINE WILL BE SCH 80 PVC OR SLEEVED WITH SCH 40 PVC WHERE IT IS WITHIN 5' OF OR CROSSES UNDER DRIVE, WALKWAY, SURFACE IMPROVEMENTS AND 5' BEYOND TO PROVIDE EQUIVALENT PROTECTION UNDER SETBACK REQUIREMENTS OF TAC 285.
- 1" SCH 40 SUPPLY AND FLUSH LINES WILL BE SLEEVED IN SCH 40 PVC PIPE OR WILL BE SCH 80 PVC PIPE WHERE THEY ARE WITHIN 5' OF SURFACE IMPROVEMENTS, DRIVE AND WALKWAY. THIS WILL PROVIDE EQUIVALENT PROTECTION FOR THE OSSF SETBACK REQUIREMENTS OF TAC 285.
- AEROBIC TREATMENT UNIT TO BE BURIED AT DEPTH TO ALLOW FOR 12" SEPARATION BETWEEN TOP OF THE AEROBIC TREATMENT UNIT AND BOTTOM OF DRIP LINES.
- INSTALL 1" VACUUM BREAKERS AT HIGHEST POINTS ON SUPPLY AND FLUSH LINES.
- TANK TO BE > 5' FROM STRUCTURES AND SURFACE IMPROVEMENTS. THIS WILL PROVIDE EQUIVALENT PROTECTION FOR THE SETBACK REQUIREMENTS OF TAC 285.
- TANK WILL BE WATER TIGHT AND MANUFACTURED ACCORDING TO ASTM DESIGNATION: C 1227.
- DRAINFIELD SHALL BE GREATER THAN 100' FROM PRIVATE WELLS, AND GREATER THAN 150' FROM PUBLIC WELLS. VERIFY WELL LOCATION(S) ON SITE.
- CLEAR SURFACE ROCK AND BOULDERS FROM DRAINFIELD AREA, AND ENSURE THAT THERE IS AT MINIMUM 12" OF SUITABLE SOIL BETWEEN THE BOTTOM OF THE DRIP LINES, AND THE RESTRICTIVE HORIZON. CLASS II SOIL MAY NEED TO BE IMPORTED IN ORDER TO MAINTAIN THE MINIMUM 12" OF SOIL BETWEEN THE BOTTOM OF THE DRIP LINES AND RESTRICTIVE HORIZON.

KEY



REYNOLDS JEFFERY E & ANNE M
924 HIGHVIEW ST
CANYON LAKE, TX 78133
CANYON LAKE MOBILE HOME ESTATES 3
LOT 358
COMAL COUNTY



SCALE 1" = 16'
PRINT SIZE 11" X 17"

ASSEMBLY DETAILS

Dimensions:

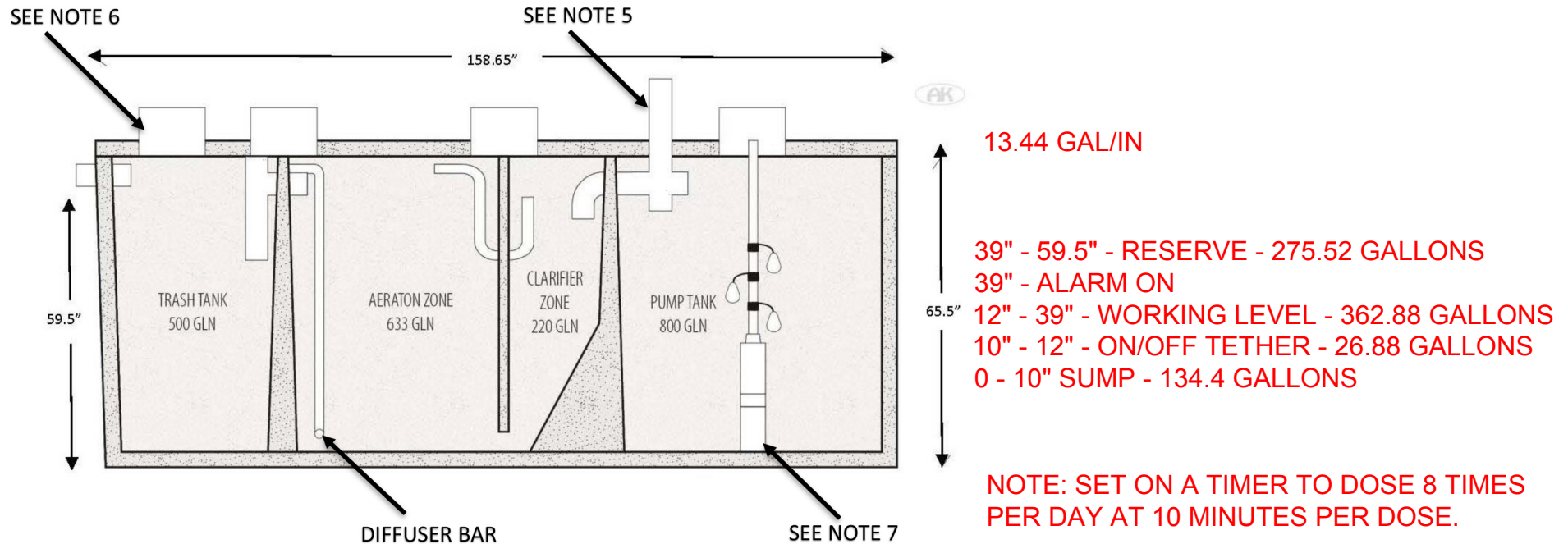
Outside Height: 65.5"

Outside Width: 77"

Outside Length: 158.65

General Notes:

1. Structure material to be precast concrete and steel.
2. Maximum burial depth is 30" from slab top to grade.
3. Treatment Capacity is 600 GPD. Trash Tank is 500 gallons. Pump Tank is 800 gallons.
4. BOD Loading = 1.2-1.8 lbs./day
5. Standard tablet chlorinator or optional liquid chlorinator. NSF approved chlorinators available.
6. 20" access riser with lid. Extension risers available.
7. 20 GPM, ½ HP effluent pump.
8. Thomas/HiBlow Air Compressor connected with ½" Sch 40 PVC pipe (Max. 50 Lft from plant).
9. AKA600CA with timed spray application (AKT Panel).



AKA600CA

NOT TO SCALE

DESIGNED TO TREAT 600 GALLONS PER DAY

TRASH TANK: 500 GALLONS

AERATION ZONE: 633 GALLONS

CLARIFIER ZONE: 220 GALLONS

PUMP TANK: 800 GALLONS



AquaKlear, Inc.

876 N. Bierdeman Rd.
Pearl, MS 39208
877-936-7711

C1 SERIES

CISTERN PUMPS

Designed for use in gray water / filtered effluent service applications, the C1 Series cistern pump provides high performance and long life in less than ideal water conditions. The C1 Series pump is able to pass solids up to 1/8" without having a negative effect on the internal hydraulic components.

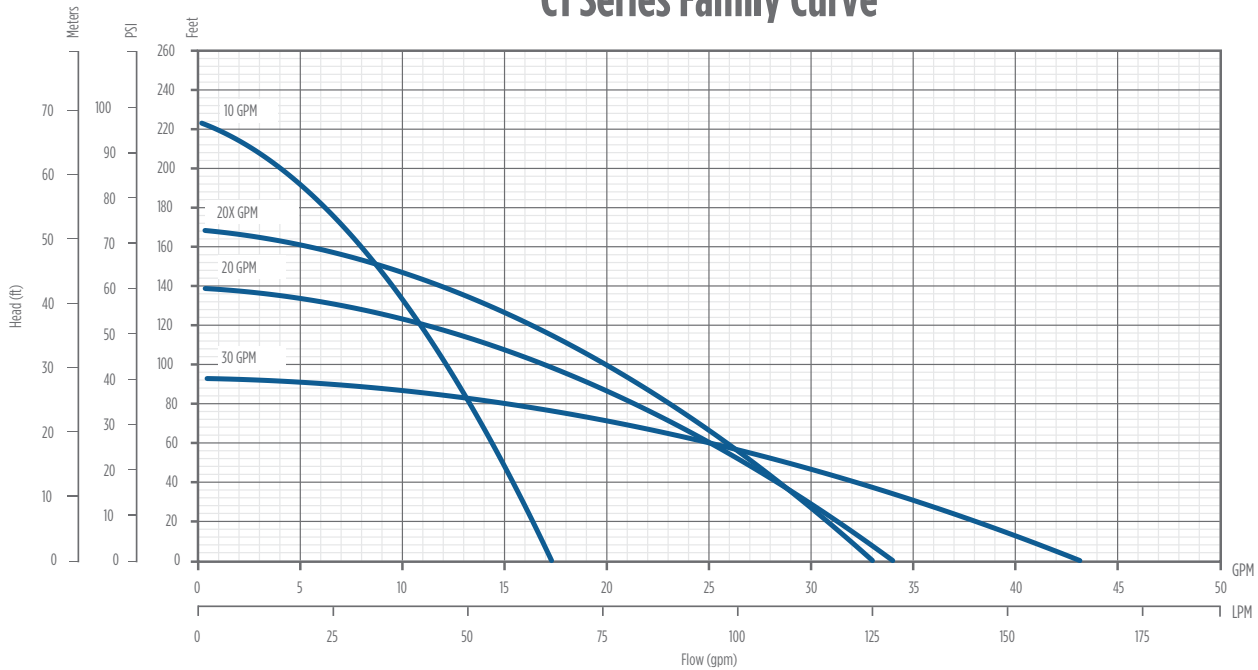
The pump's unique bottom suction design allows for maximum fluid drawdown without compromising durability or overall life, and it does not require the use of a flow induction sleeve. Intended specifically for use in a cistern or tank, C1 Series pumps are suitable for use in agricultural, residential, and commercial installations.



Franklin Electric

franklinwater.com

C1 Series Family Curve



FEATURES

- Supplied with a removable 5" base for secure and reliable mounting
- Bottom suction design
- Robust thermoplastic discharge head design resists breakage during installation and operation
- Single shell housing design provides a compact unit while ensuring cool and quiet operation
- Hydraulic components molded from high quality engineered thermoplastics
- Optimized hydraulic design allows for increased performance and decreased power usage
- All metal components are made of high grade stainless steel for corrosion resistance
- Available with a high quality 115 V or 230 V, ½ hp motor
- Fluid flows of 10, 20, and 30 gpm, with a max shut-off pressure of over 100 psi
- Heavy duty 600 V 10 foot SJ00W jacketed lead

APPLICATIONS

- Gray water pumping
- Filtered effluent service water pumping
- Water reclamation projects such as pumping from rain catchment basins
- Aeration and other foundation or pond applications
- Agriculture and livestock water pumping

ORDERING INFORMATION

C1 Series Pumps							
GPM	HP	Volts	Stage	Model No.	Order No.	Length (in)	Weight (lbs)
10	1/2	115	7	10C1-05P4-2W115	90301005	26	17
		230	7	10C1-05P4-2W230	90301010	26	17
20		115	5	20C1-05P4-2W115	90302005	25	16
		230	5	20C1-05P4-2W230	90302010	25	16
20X		115	6	20XC1-05P4-2W115	90302015	26	17
		230	6	20XC1-05P4-2W230	90302020	26	17
30		115	4	30C1-05P4-2W115	90303005	25	16
		230	4	30C1-05P4-2W230	90303010	25	16

Note: All units have 10 foot long SJ00W leads.



Franklin Electric

franklinwater.com

M1698 07-14



201306031533 07/25/2013 01:23:57 PM 1/3

Warranty Deed with Vendor's Lien

Date: July 25, 2013

Grantor: Galen F. Zeigler, Sr.

Grantor's Mailing Address:

3
CS

Galen F. Zeigler, Sr.
438 Flintstone Drive
Canyon Lake, Texas, 78133
Comal County

Grantee: Jeffery E. Reynolds and Anne M. Reynolds, husband and wife

Grantee's Mailing Address:

Jeffery E. Reynolds and Anne M. Reynolds
924 Highview Street
Canyon Lake, Texas, 78133
Comal County

Consideration:

Cash and a note of even date executed by Grantee and payable to the order of Grantor in the principal amount of TEN THOUSAND, THREE HUNDRED FIVE DOLLARS AND 97/100 DOLLARS (\$10, 305.97). The note is secured by a first and superior vendor's lien and superior title retained in this deed and by a first-lien deed of trust of even date from Grantee to Charles W. Sullivan, trustee.

Property (including any improvements):

Lot 358, CANYON LAKE MOBILE HOME ESTATES, UNIT NO.3, according to map or plat thereof recorded in Volume 3, Page 47, of the Map and Plat Records of Comal County, Texas.

Reservations from Conveyance:

None

Exceptions to Conveyance and Warranty:

None

Liens described as part of the Consideration and any other liens described in this deed as

being either assumed or subject to which title is taken; validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing instruments, other than conveyances of the surface fee estate, that affect the Property; and taxes for 2013, which Grantee assumes and agrees to pay. And subsequent assessments for that and prior years due to change in land usage, ownership, or both, the payment of which Grantee assumes.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever, without express or implied warranty. All warranties that might arise by common law as well as the warranties in section 5.023 of the Texas Property Code (or its successor) are excluded.

The vendor's lien against and superior title to the Property are retained until each note described is fully paid according to its terms, at which time this deed will become absolute.

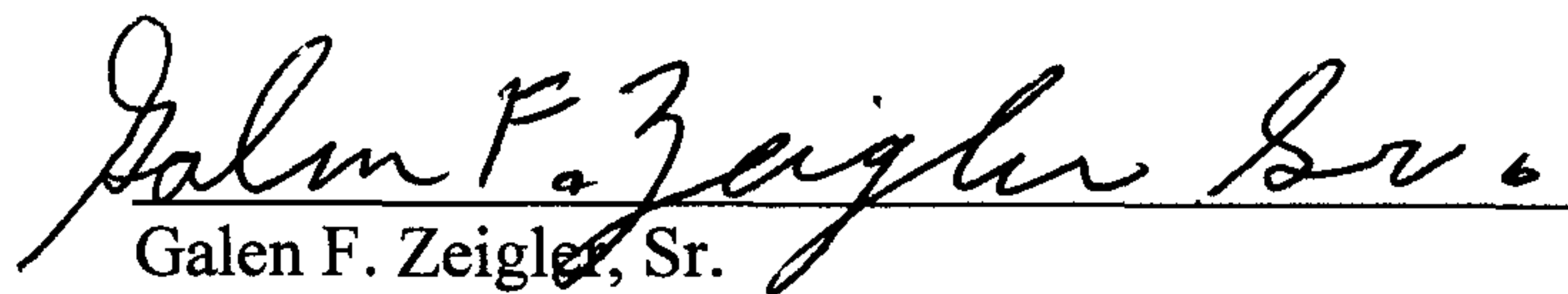
GRANTEE IS TAKING THE PROPERTY IN AN ARM'S-LENGTH AGREEMENT BETWEEN THE PARTIES. THE CONSIDERATION WAS BARGAINED ON THE BASIS OF AN "AS IS, WHERE IS" TRANSACTION AND REFLECTS THE AGREEMENT OF THE PARTIES THAT THERE ARE NO REPRESENTATIONS OR EXPRESS OR IMPLIED WARRANTIES, EXCEPT FOR THOSE CONTAINED IN THE PURCHASE CONTRACT, THIS DEED, AND THE OTHER CLOSING DOCUMENTS.

THE PROPERTY IS BEING CONVEYED TO GRANTEE IN AN "AS IS, WHERE IS" CONDITION, WITH ALL FAULTS. GRANTOR MAKES NO WARRANTY OF CONDITION, MERCHANTABILITY, OR SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE FIXTURES AND PERSONAL PROPERTY. ALL WARRANTIES ARE DISCLAIMED.

GRANTEE ACKNOWLEDGES AND AGREES THAT GRANTEE HAS NOT RELIED ON ANY INFORMATION OTHER THAN GRANTEE'S INSPECTION AND THE REPRESENTATIONS AND WARRANTIES EXPRESSLY CONTAINED IN THE PURCHASE CONTRACT, THIS DEED, AND THE OTHER CLOSING DOCUMENTS.

When the context requires, singular nouns and pronouns include the plural.

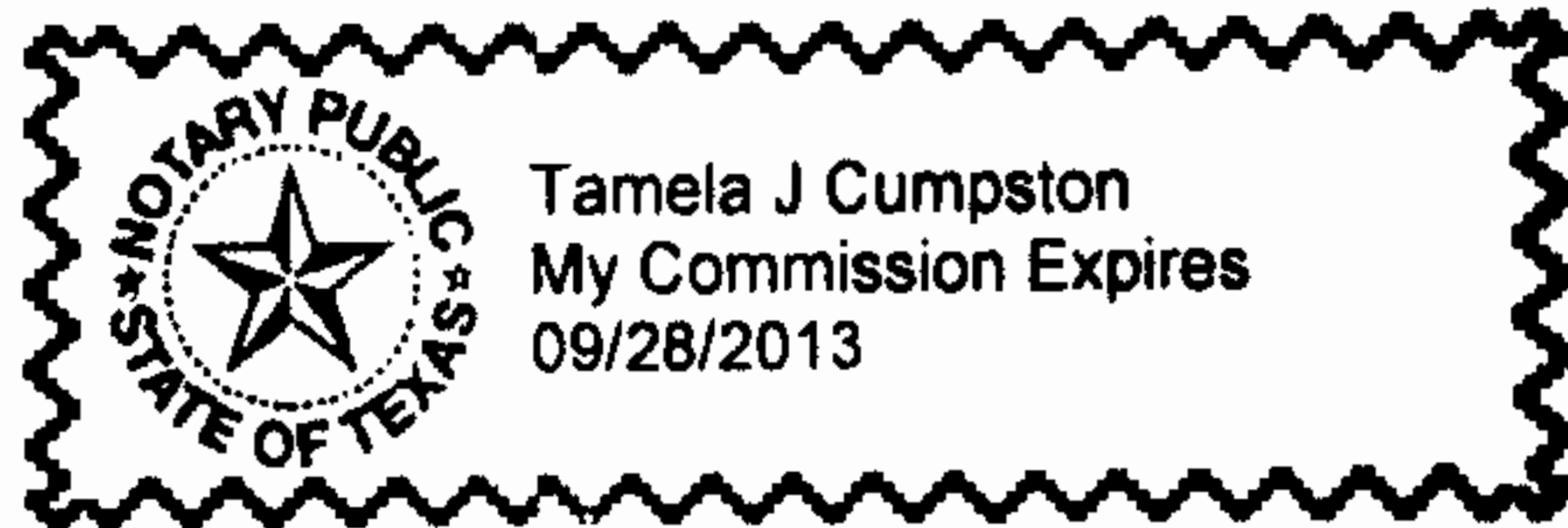
This instrument was prepared based on information furnished by the parties, and no independent title search has been made.


Galen F. Zeigler, Sr.

STATE OF TEXAS)

COUNTY OF COMAL)

This instrument was acknowledged before me on July 25th, 2013, by
Galen F. Zeigler, Sr.



Tamela J. Cumpston
Notary Public, State of Texas
My commission expires:
9/28/2013

PREPARED IN THE OFFICE OF:

Sullivan & Associates, PLLC
8115 FM 2673
Canyon Lake, Texas, 78133

Filed and Recorded
Official Public Records
Joy Streater, County Clerk
Comal County, Texas
07/25/2013 01:23:57 PM
KATHY 3 Page(s)
201306031533



Joy Streater

AFTER RECORDING RETURN TO:

Sullivan & Associates, PLLC
8115 FM 2673
Canyon Lake, Texas, 78133



COMAL COUNTY

ENGINEER'S OFFICE

Address: _____

Legal Description: _____

Dear Property Owner & Agent,

Thank you for your submission. We have reviewed the planning materials for the referenced permit application, and unfortunately, they are insufficient. To proceed with processing this permit, we require the following:

119043.pdf Markup Summary

Efrain Gallegos (1)



Subject: Text Box
Page Label: 7
Author: Efrain Gallegos
Date: 10/16/2025 12:29:41 PM
Status:
Color: ■
Layer:
Space:

An inspector will be on-site 10/17/2025 for a preliminary visit. Additional comments may follow.



COMAL COUNTY
ENGINEER'S OFFICE

**OSSF DEVELOPMENT APPLICATION
CHECKLIST**

Staff will complete shaded items

--	--

Date Received

Initials

119043

Permit Number

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

9/22/2025

Date

___ COMPLETE APPLICATION

Check No. _____ Receipt No. _____

INCOMPLETE APPLICATION

___ (Missing Items Circled, Application Refused)