

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:

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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)				

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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)				

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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
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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: 117950
Issued This Date: 10/17/2024
This permit is hereby given to: WILSIN & LISA HANEY

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

1265 KINGS COVE DR
CANYON LAKE, TX 78133

Subdivision: KINGS COVE
Unit: 1
Lot: 14
Block: 2
Acreage: 1.5300

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

**OSSF DEVELOPMENT APPLICATION
CHECKLIST**

Staff will complete shaded items

		117950
<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

09/27/2024

Date

___ COMPLETE APPLICATION Check No. _____ Receipt No. _____

INCOMPLETE APPLICATION (Missing Items Circled, Application Refused)
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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 August 5, 2024

Permit Number 117950

1. APPLICANT / AGENT INFORMATION

Owner Name WILSON & LISA HANEY
Mailing Address c/o 17310 FM 306
City, State, Zip CANYON LAKE TEXAS 78133
Phone # 830-935- 2098
Email lars@havenbrooktx.com

Agent Name GREG JOHNSON, P.E.
Agent Address 170 HOLLOW OAK
City, State, Zip NEW BRAUNFELS, TEXAS 78132
Phone # 830-905-2778
Email gregjohnsonpe@yahoo.com

2. LOCATION

Subdivision Name KINGS COVE Unit 1 Lot 14 Block 2

Survey Name / Abstract Number _____ Acreage _____

Address 1265 KINGS COVE DRIVE 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 3

Indicate Sq Ft of Living Area 2383

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: \$ 500,000 (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 Collection

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.

Lisa Haney/Wilson
Signature of Owner

9/5/24
Date



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) SOLAR AIR SA600LP Absorption/Application Area (Sq Ft) 4241

Gallons Per Day (As Per TCEQ Table 111) 4241

(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

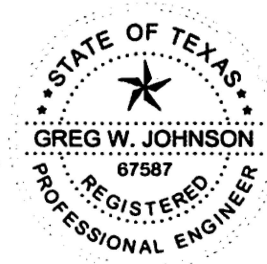
(if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP.)

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 UP has been approved by the appropriate reg

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]
Signature of Designer

August 28, 2024
Date

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):

1 UNIT/PHASE/SECTION 2 BLOCK 14 LOT KINGS COVE SUBDIVISION

IF NOT IN SUBDIVISION: _____ ACREAGE _____ SURVEY

The property is owned by (insert owner's full name): WILSON HANEY & LISA HANEY

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 SEPTEMBER, 2024

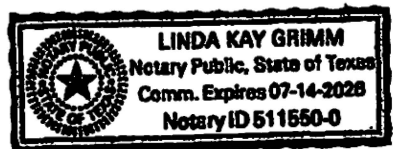
X [Signature]
X [Signature]
Owner(s) signature(s)

WILSON HANEY
LISA HANEY
Owner (s) Printed name (s)

WILSON & LISA HANEY SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 5th DAY OF

September, 2024
[Signature]
Notary Public Signature

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
09/18/2024 04:05:10 PM
TERRI 1 Pages(s)
202406028304



Bobbie Koepp



WASTEWATER TREATMENT SYSTEM MAINTENANCE CONTRACT

Customer	Residential	Initial Contract
Wilson & Lisa Haney	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Site Address	Agency	
1265 Kings Cove Drive, Canyon Lake, TX 78133	Comal County	
Email	Phone	Permit Number
lars@havenbrooktx.com	(830) 935-4936	
System Details		
Treatment: Aerobic Surface Application Liquid Bleach / System: Solar Air - National Wastewater Systems 600 Max GPD		

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 9/23/2025 for an existing system, provided the Contractor has received payment in full of Fee(s) as agreed herein. The fees for this agreement are \$450.00 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: Not Authorized

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.

Wilson & Lisa Haney

Luna Environmental / Logan Leppo

Signed by: Customer Name

Wilson & Lisa Haney

E7AE9D0B6E1B466...

Customer Signature

Maintenance Provider Name

LOGAN LEPPA
License # MP0002494

Maintenance Provider Signature

Additional Comments / Special Terms

ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed: August 12, 2024

Site Location: KINGS COVE, UNIT 1, BLOCK 2, LOT 14

Proposed Excavation Depth: N/A

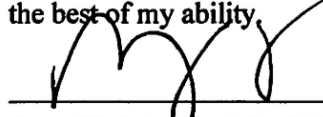
Requirements:

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 @ 6"	BROWN
6"						
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	
6"						
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

08/12/24

 Date

OSSF SOIL EVALUATION REPORT INFORMATION

Date: August 13, 2024

Applicant Information:

Name: WILSON & LISA HANEY
Address: c/o 17310 F.M. 306
City: CANYON LAKE State: TEXAS
Zip Code: 78133 Phone: (830) 935-2098

Site Evaluator Information:

Name: Greg W. Johnson, P.E., R.S., S.E. 11561
Address: 170 Hollow Oak
City: New Braunfels State: Texas
Zip Code: 78132 Phone & Fax (830)905-2778

Property Location:

Lot 14 Unit 1 Blk 2 Subd. KINGS COVE
Street Address: 1265 KINGS COVE DRIVE
City: CANYON LAKE Zip Code: 78133
Additional Info.: _____

Installer Information:

Name: _____
Company: _____
Address: _____
City: _____ State: _____
Zip Code: _____ Phone _____

Topography: Slope within proposed disposal area: 8 %

Presence of 100 yr. Flood Zone: YES X NO _____
Existing or proposed water well in nearby area. YES _____ NO X
Presence of adjacent ponds, streams, water impoundments YES _____ NO X
Presence of upper water shed YES _____ NO X
Organized sewage service available to lot YES _____ NO X

Design Calculations for Aerobic Treatment with Spray Irrigation:

Commercial

Q = _____ GPD _____

Residential Water conserving fixtures to be utilized? Yes X No _____

Number of Bedrooms the septic system is sized for: 3 Total sq. ft. living area 2383

Q gal/day = (Bedrooms +1) * 75 GPD - (20% reduction for water conserving fixtures)

Q = (3 +1)*75-(20%)= 240

Trash Tank Size 376 Gal.

TCEQ Approved Aerobic Plant Size 600 G.P.D.

Req'd Application Area = Q/Ri = 240 / 0.064 = 3750 sq. ft.

Application Area Utilized = 4241 sq. ft.

Pump Requirement 12 Gpm @ 41 Psi (Redjacket 0.5 HP 18 G.P.M. series or equivalent)

Dosing Cycle: ON DEMAND or X TIMED TO DOSE IN PREDAWN HOURS

Pump Tank Size = 778 Gal. 18.75 Gal/inch.

Reserve Requirement = 80 Gal. 1/3 day flow.

Alarms: Audible & Visual High Water Alarm & Visual Air Pump malfunction

With Chlorinator NSF/TCEQ APPROVED

SCH-40 or SDR-26 3" or 4" sewer line to tank

Two way cleanout

Pop-up rotary sprinkler heads w/ purple non-potable lids

1" Sch-40 PVC discharge manifold

APPLICATION AREA SHOULD BE SEEDED AND MAINTAINED WITH VEGETATION.

EXPOSED ROCK WILL BE COVERED WITH SOIL .

I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL ENGINEER AND SITE EVALUATOR IN ACCORDANCE WITH CHAPTER 285, SUBCHAPTER D, §285.30, & §285.40 (REGARDING RECHARGE FEATURES), TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (EFFECTIVE DECEMBER 29, 2016)


GREG W. JOHNSON, P.E. F#002585 - S.E. 11561

08/13/24
DATE



FIRM #2585

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

August 13, 2024

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

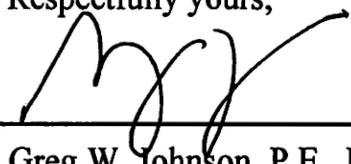
RE- Septic Design
1265 KINGS COVE DRIVE
KINGS COVE, UNIT 1, BLOCK 2, LOT 14
CANYON LAKE, TX 78133
HANEY RESIDENCE

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,

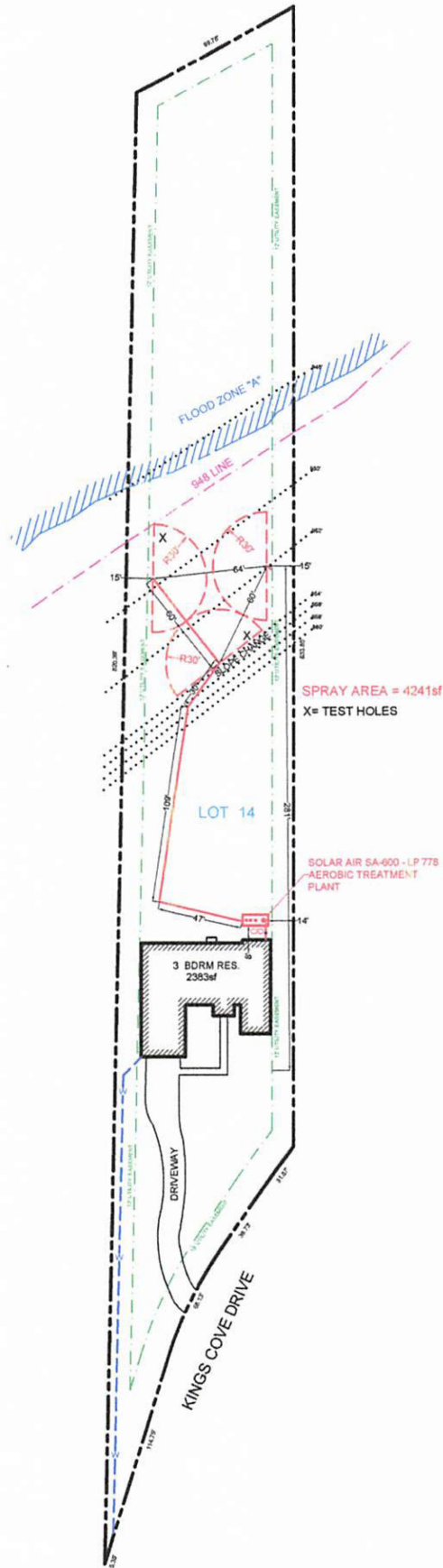


Greg W. Johnson, P.E., F#2585

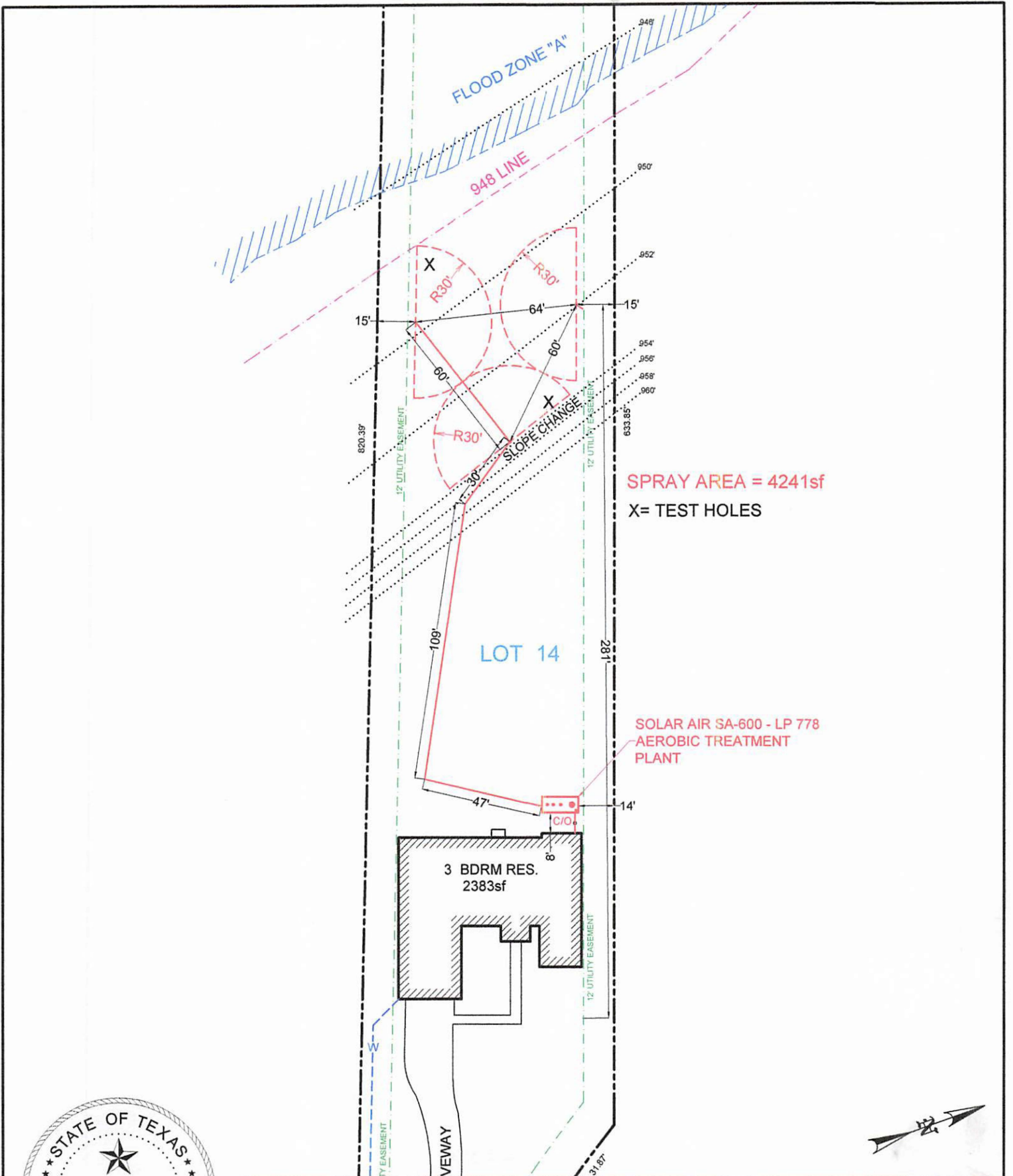
August 13, 2024

Date





OWNER: WILSON & LISA HANEY		DRAWN BY: EJS III		
STREET ADDRESS: 1265 KINGS COVE DRIVE				
LEGAL DESC: KINGS COVE	UNIT/SECTION/PHASE: 1	BLOCK: 2	LOT: 14	
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: N.T.S.	DATE: 8/13/2024	REVISED: 8/28/2024	



SPRAY AREA = 4241sf

X= TEST HOLES

SOLAR AIR SA-600 - LP 778
AEROBIC TREATMENT
PLANT

LOT 14

3 BDRM RES.
2383sf



OWNER: WILSON & LISA HANEY		DRAWN BY: EJS III		
STREET ADDRESS: 1265 KINGS COVE DRIVE				
LEGAL DESC: KINGS COVE	UNIT/SECTION/PHASE: 1	BLOCK: 2	LOT: 14	
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=50'	DATE: 8/13/2024	REVISED: 8/28/2024	

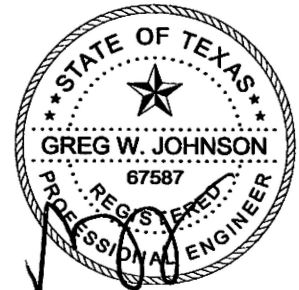
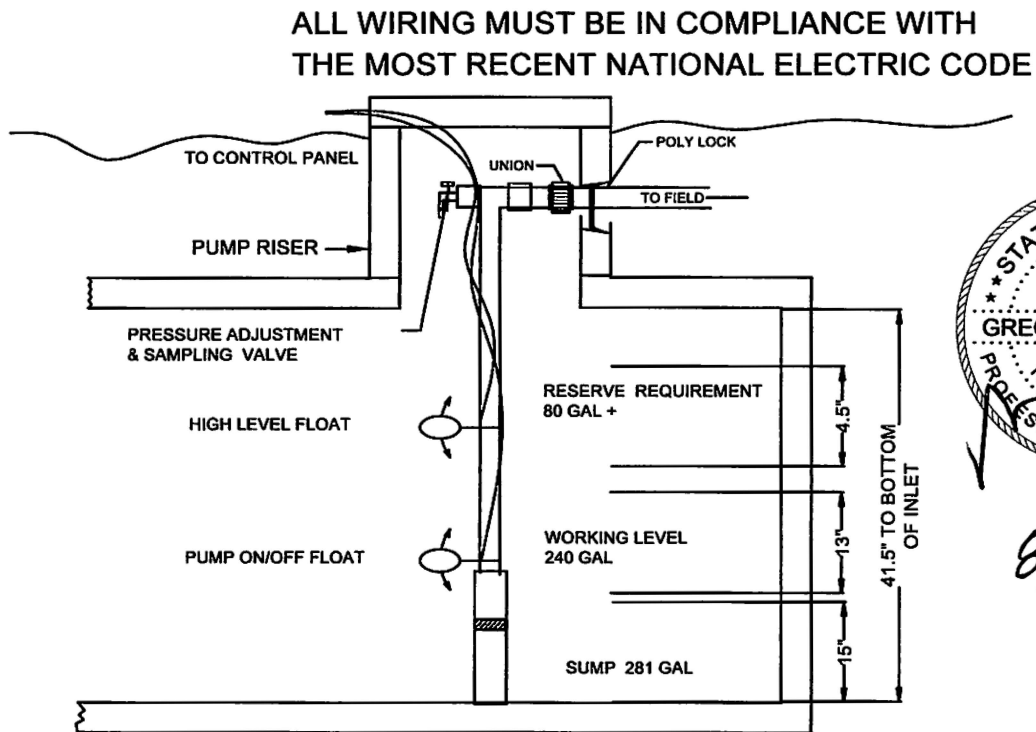
TANK NOTES:

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



F#2585

8/28/21

**TYPICAL PUMP TANK CONFIGURATION
SOLAR-AIR SA-600 LP 778 GAL PUMP TANK**

E-Series

Environmental Series Pumps

FPS

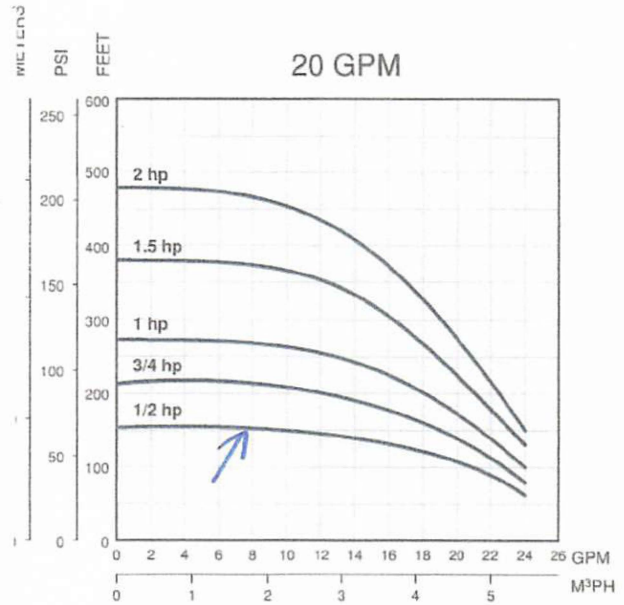
Thermoplastic Performance

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

Capital Title
GF# 16-283878-RV

General Warranty Deed

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.

Date: December 22, 2016

Grantor: Richard A. Prange and Rachel R. Smith, husband and wife

Grantor's Mailing Address: 415 McKinney Falls Lane, Georgetown, Texas 78663

Grantee: Wilson Haney and Lisa Haney

Grantee's Mailing Address: 10905 La Estrella Cove, Austin, Texas 78739

Consideration: the sum of TEN DOLLARS (\$10.00) cash, and other good and valuable consideration

Property (including any improvements):

Lot 14, Block 2, KINGS COVE UNIT ONE, Comal County, Texas, according to the Map or Plat recorded in Volume 11, Pages 367-370, Map and Plat Records of Comal County, Texas

Reservations from Conveyance: None

Exceptions to Conveyance and Warranty:

This conveyance, however, is made and accepted subject to any and all restrictions, encumbrances, easements, covenants and conditions, if any, relating to the hereinabove described property as the same are filed for record in the County Clerk's Office of Comal County, Texas.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, 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. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

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

POOR QUALITY

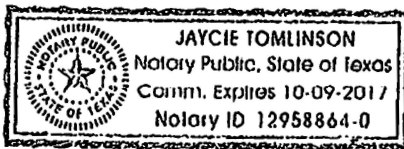
EXECUTED this 27 day of December, 2016.


Richard A. Prange


Rachel R. Smith

THE STATE OF TEXAS §
 §
COUNTY OF Tarrant §

The foregoing instrument was acknowledged before me on the 27 day of December, 2016 by Richard A. Prange and Rachel R. Smith.




NOTARY PUBLIC, STATE OF TEXAS

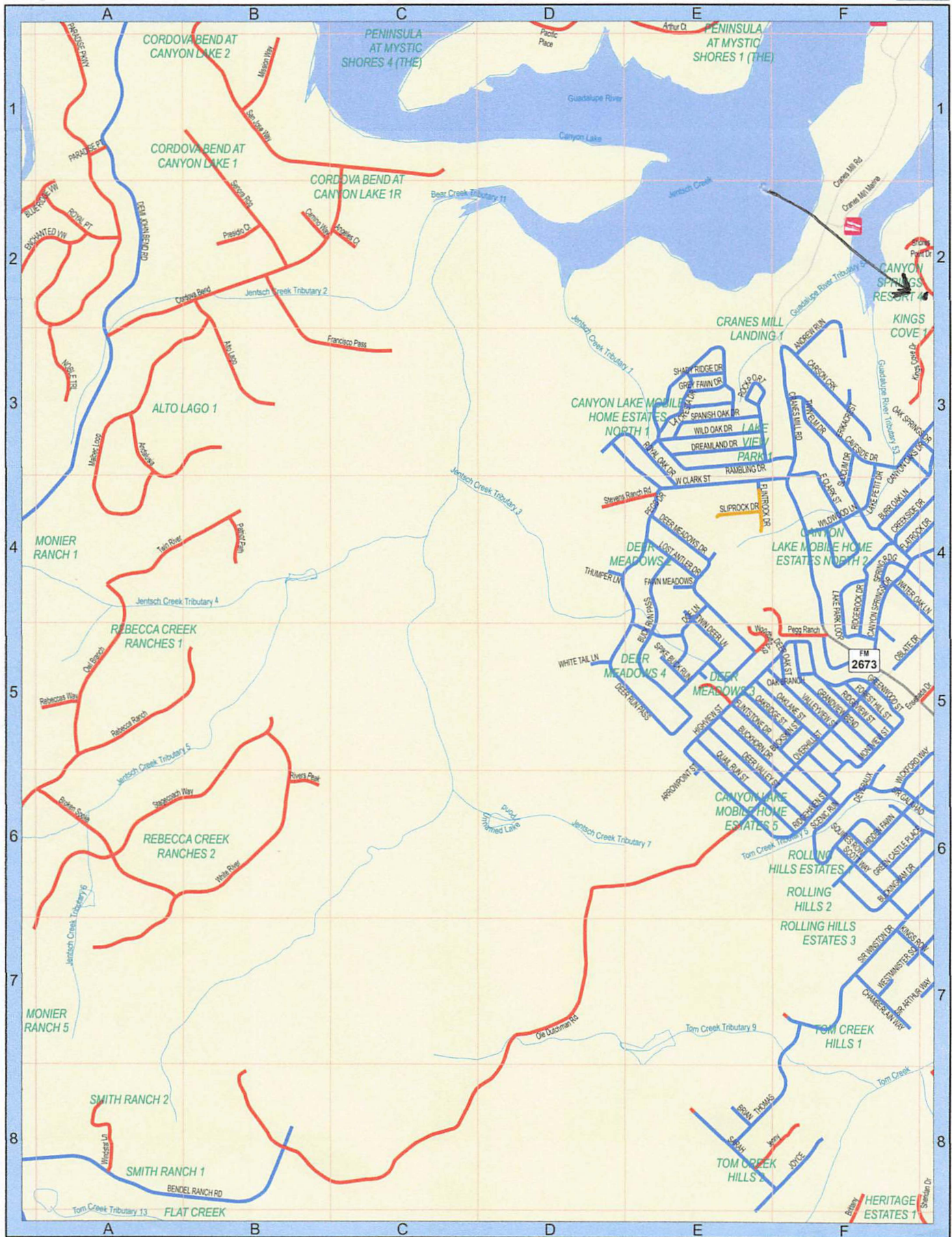
AFTER RECORDING, RETURN TO:
10905 La Estrella Cove
Austin, TX 78739

PREPARED IN THE LAW OFFICE OF
Shaddock & Associates, P. C.
2400 N. Dallas Parkway, Ste. 560
Plano, Texas 75093

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
12/28/2016 11:36:23 AM
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201606048914



Bobbie Koepp



SEE PAGE 29