

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
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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
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: 118462
Issued This Date: 04/11/2025
This permit is hereby given to: EVAN SIEGEL

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

380 HIDDEN POINTE
NEW BRAUNFELS, TX 78132

Subdivision: RIVER CHASE
Unit: 4
Lot: 394
Block: 0
Acreage: 4.1500

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

		118462
Date Received	Initials	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

03/11/2025

Date

___ COMPLETE APPLICATION

Check No. _____ Receipt No. _____

INCOMPLETE APPLICATION

___ (Missing Items Circled, Application Refused)

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

Page 1 of 2
Revised January 2021

#118462



COMAL COUNTY
ENGINEER'S OFFICE

Received
Brandon Mark Olvera
09/30/2025 3:58:14 PM

RIVER CHASE, UNIT 4, LOT 394

ICATION

195 DAVID JONAS DR
NEW BRAUNFELS, TX 78132
(830) 608-2090
WWW.CCEO.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) SOLAR 54800 10000 Absorption/Application Area (Sq Ft) 6842

Gallons Per Day (As Per TCEQ Table 111) 420

(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

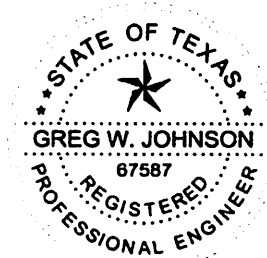
(if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP.)

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

December 11, 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 (OSSF's), 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):

4 UNIT/PHASE/SECTION BLOCK 394 LOT RIVER CHASE SUBDIVISION

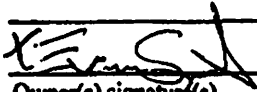
IF NOT IN SUBDIVISION: ACREAGE SURVEY

The property is owned by (insert owner's full name): EVAN SIEGEL

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 1st DAY OF JANUARY, 2025

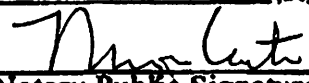

Owner(s) signature(s)

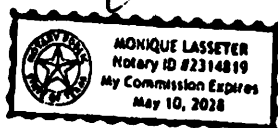
EVAN SIEGEL
Owner (s) Printed name (s)

EVAN SIEGEL

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 1 DAY OF

JAN, 2025


Notary Public Signature



Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
03/07/2025 10:46:48 AM
TERRI 1 Pages(s)
202506006480



Bobbie Koepp



SOTX SEPTIC SERVICES
15656 CRANES MILL RD.
CANYON LAKE, TX 78133
(830) 481-3249
SOTXSERVICES@GMAIL.COM

PERMIT#

On-Site Sewage Facility (OSSF) Service Agreement

- I. **General:** This Work for Hire Agreement (hereinafter referred to as "Agreement") is entered into by and between EVAN SIEGEL, (hereinafter referred to as "Client") and SOTX Septic Services (hereinafter to as "Contractor"). By this agreement, Contractor agrees to render services, as described herein, and the Client agrees to fulfill his/her/their responsibilities under this agreement as described herein.
- II. **Effective Dates:** This agreement commences on receipt of full payment and runs for two (2) years. Agreement's... Starting Date: (Date License to Operate is Issued) Ending Date: (2yrs. From Date of LTO)
- III. **Services by Contractor:** Contractor will provide the following services (hereinafter referred to as the "Services"):
 1. In compliance with Agency (TCEQ and/or County) and manufacturer's requirements, inspect and perform routine maintenance on the On-Site Sewage Facility (hereinafter referred to as the "OSSF") three (3) times per year (approximately once every four (4) months).
 2. Report to the appropriate regulatory authority and to the Client, as is required by both the State's on-site rules and the local Agency's rules, if more stringent. All findings must be reported to the local Agency within 14 days.
 3. If any components of the OSSF are found to need repair during the inspection, the Contractor will notify the Client of the repairs needed.
 4. Visit in response to Client's request(s) for unscheduled service(s) within two business days from the date of Contractor's receipt of Client's request. All unscheduled responses are in addition to the fee covered by this Agreement and will be billed to the Client.
 5. Provide notification of arrival to site to the homeowner or to site personnel. Additionally, written notification of the visit will be left at the site or with site personnel upon completion or inspection, as well as, forwarded to agency within 14 days.
- IV. **Site Location:** The Services are to be performed at the property located at:
380 HIDDEN POINTE, NEW BRAUNFELS, TX 78132
RIVER CHASE, UNIT 4, LOT 394
- V. **Payment(s):** The fee for this Agreement only covers the Services describes herein. This fee does not cover equipment, parts or labor supplied for the repairs or charges for unscheduled Client-request trips to the site. Payments for such additional services are due when service is provided or rendered. Payments not received within 30 days from due date will be subjected to a \$20.00 late penalty and / or a 1.5% carrying charge, whichever is greater, in addition the reasonable attorney's fees and all costs of collection incurred by Contractor in collection of any unpaid debt(s). By signing this contract, the Client is authorizing 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 remove of said parts.

Initials...

Customer: ES

Contractor: CDH

Client's Responsibilities: The Client is responsible for each and all the following:

1. Maintain chlorinator and provide proper chlorine supply, if OSSF is equipped with same.
 2. Provide all necessary yard or lawn maintenance and removal of obstacles as needed to allow the OSSF to function properly, and to allow Contractor easy access to all parts of the OSSF.
 3. Maintain a current license to operate and abide by the conditions and limitations of that license and all requirements for on-site sewage facilities (OSSF's) from the State and local regulatory agency, as well as manufacturer's recommendations.
 4. Immediately notify the Contractor and Agency of all problems with, including the failure of the OSSF.
 5. Upon receiving a written notification of services needed from the Contractor, it becomes the Client's responsibility to contact the Contractor to authorize the service. If the Client chooses to use a different contractor to perform the service, the Client's responsible for ensuring the contractor holds the proper license (installer II) and is certified by the manufacturer. Also, the Client is responsible for ensuring proper notification is given to the Agency, as required by the State and local Agency rules.
 6. Provide the Contractor with water usage records, upon request, for evaluation by the Contractor of the OSSF performance.
 7. Clients residing in Harris County should allow for samples at both the inlet and outlet to the OSSF to be obtained by the Contractor for the purpose of evaluating the OSSF's performance when requested by the Client. If these samples are sent to the lab for testing, the Client will directly pay the lab for the cost of the testing plus pay the Contractor for all man-hours expended in providing this additional service at the rate of \$75.00 per hour measured from office to site, site to lab, and lab to office, otherwise known as portal to portal.
 8. Not allow the backwash from water treatment or water conditioning equipment to enter the OSSF.
 9. Provide for pumping of tanks, when needed, at Clients expense.
 10. Maintain site drainage to prevent adverse effects on OSSF.
 11. Promptly and fully pay Contactor's bills, fees, or invoices as described herein.
- VI. Access by Contractor:** Contractor, or personnel authorized by the Contractor, may enter the property at reasonable times without prior notice for the purpose of performing the above-described Services. Contractor will require access to the OSSF electrical and physical components, including tanks, by means of manways or risers for the purpose of evaluations required by manufacturer, and/ or rules. If such manways or risers are not in place, excavation together with other labor and materials will be required and will be billed to Client as additional service at the rate of \$75.00 per hour, plus materials billed at list price. Excavated soil is to be replaced as best as reasonably possible.
- VII. Application or Transfer of Payments:** The fees paid for this agreement may transfer to subsequent owner(s); however, this agreement will not transfer. The subsequent owner(s) must sign a similar agreement authorizing Contractor to perform the above-described Services and accepting Client's responsibilities. This replacement Agreement must 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, return check charges, and charges for repairs or services not paid within 30 days of invoicing. The consumption of the payment in this manner may lead to early termination of the agreement by Contractor.
- VIII. Termination of Agreement:** This Agreement may be terminated by either party within 30 days written notice in the event of substantial failure to perform in accordance with its terms by the other party without fault of the terminating party. If this Agreement is so terminated, Contractor shall be paid at the rate of \$75.00 per hour for any work performed, but not yet paid. The party terminating will immediately notify the other party, the equipment manufacturer, and the regulatory agency of the termination.
- IX. Limits 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. In no event the Contractor's liability for direct damages exceed the price for the Services described in this Agreement.
- X. Severability:** If any provision in the Agreement shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If court finds that any provision of this

Initials...

Customer:



Contractor:



Agreement is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be written, construed, and enforced as so limited.

- XI. **Performance of Agreement:** Commencement of performance by Contractor under this agreement is contingent on the following conditions (1) Contractor receiving a fully execute original copy of this agreement. (2) Contractor receiving payment in full for the fee as described in Section V. If the above conditions are not met, then Contractor is not obligated to perform any portion of this agreement.
- XII. **Entire Agreement:** This agreement contains the entire agreement parties, and there are no other promises or conditions in any other agreement, oral or written.

Client... (And/or authorized agent)

Printed Name: EVAN SIEGEL Signature: *E. Siegel* Date: 12-23-24

Printed Name: _____ Signature: _____ Date: _____

Physical Address: 380 HIDDEN POINTE, NEW BRAUNFELS Zip: 78132

Mailing Address: _____ Zip: _____

Phone # _____ Cell# _____ County: COMAL

Email: _____ Gate Code: _____

=====Contractor=====Contractor=====

SOTX Septic Services

15656 Cranes Mill Rd.

Canyon Lake, TX 78133

830-481-3249

sotxservices@gmail.com

Clarence D. Hinds Jr

Clarence D Hinds Jr.

Lic #: OSSF Installer II #: OS0030965

Maintenance Provider #: MP0002439

Installer Name: BRAD PARKER

Phone #: 830-310-2344

Email: parker.construction@yahoo.com

Lic #: OS#0035249

Manufacturer: CLEARSTREAM

GPD: 600 800 1000 Other: _____

Disposal: Spray Drip Other: _____

Initials...

Customer: *ES*

Contractor: *CDH*

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

December 11, 2024

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

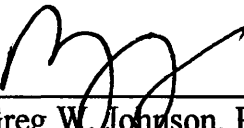
RE- SEPTIC DESIGN
380 HIDDEN POINTE
RIVER CHASE, UNIT 4, LOT 394
NEW BRAUNFELS, TX 78132
SIEGEL RESIDENCE

Brandon /Brenda,

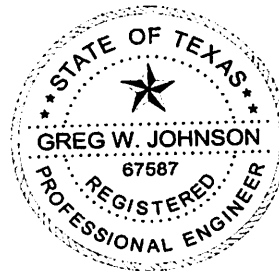
The referenced property is located within the Edwards Aquifer Recharge Zone. This OSSF design will comply with requirements in the WPAP.

Temporary erosion and sedimentation controls should be utilized as necessary prior to construction. If any sensitive feature (caves, solution cavities, sink holes, etc.) is discovered during construction, activities must be suspended immediately and the applicant or his agent must immediately notify the TCEQ Regional Office. After that operations can only proceed after the Executive Director approves required additional engineered impact plans.

Designed in accordance with Chapter 285, Subchapter D, §285.40, 285.41, & 285.42, Texas Commission on Environmental Quality (Effective December 29, 2016).

 12/11/24

Greg W. Johnson, P.E. No. 67587 / F#2585
170 Hollow Oak
New Braunfels, Texas 78132 - 830/905-2778



ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed: December 10, 2024

Site Location: RIVER CHASE, UNIT 4, LOT 394

Proposed Excavation Depth: N/A

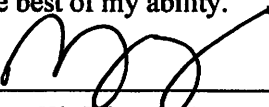
Requirements:

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						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	IV	CLAY	N/A	NONE OBSERVED	LIMESTONE @ 8"	BROWN
1						
2						
3						
4						
5						

SOIL BORING NUMBER <u> </u> SURFACE EVALUATION						
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

12/10/24

Date

FORMATION

Date: December 11, 2024

Applicant Information:

09/30/2025 3:58:24 PM

Name: **EVAN SIEGEL**
Address: **c/o 1141 DUNLAP DRIVE**
City: **NEW BRAUNFELS** State: **TEXAS**
Zip Code: **78130** Phone: **(830) 666-0154**

Additional 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 394 **Unit** 4 **Blk** _____ **Subd.** RIVER CHASE
Street Address: 380 HIDDEN POINTE
City: NEW BRAUNFELS **Zip Code:** 78132
Additional Info.:

Installer Information:

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

Topography: Slope within proposed disposal area: 12 %

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

Design Calculations for Aerobic Treatment with Spray Irrigation:

Commercial

0 = _____ GPD

Residential Water conserving fixtures to be utilized? Yes X No

Number of Bedrooms the septic system is sized for: 6 Total sq. ft. living area 4730

$$Q \text{ gal/day} = (\text{Bedrooms} + 1) * 75 \text{ GPD} - (20\% \text{ reduction for water conserving fixtures})$$
$$Q = (6 + 1) * 75 - (20\%) = 420$$

Trash Tank Size 461 Gal.

TCEQ Approved Aerobic Plant Size 800 G.P.D.

Req'd Application Area = $Q/R_i = \frac{420}{0.064} = 6563$ sq. ft.

Application Area Utilized = 6842 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 = 1000 Gal. 18.9 Gal/inch.

Reserve Requirement = 140 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

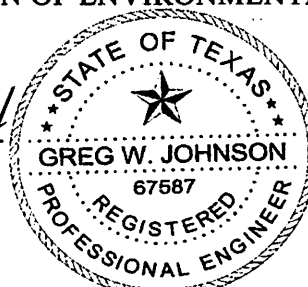
APPLICATION AREA SHOULD BE SEEDED AND MAINTAINED WITH VEGETATION.

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

DATE _____

**FIRM #2585**

#118462

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Brandon Mark Olvera

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HIDDEN POINT

91.89'

20' UTILITY EASEMENT

20' UTILITY EASEMENT

20' UTILITY EASEMENT

440.43'

LOT 394

DRIVEWAY

6 BDRM RES.
4730sf

POOL

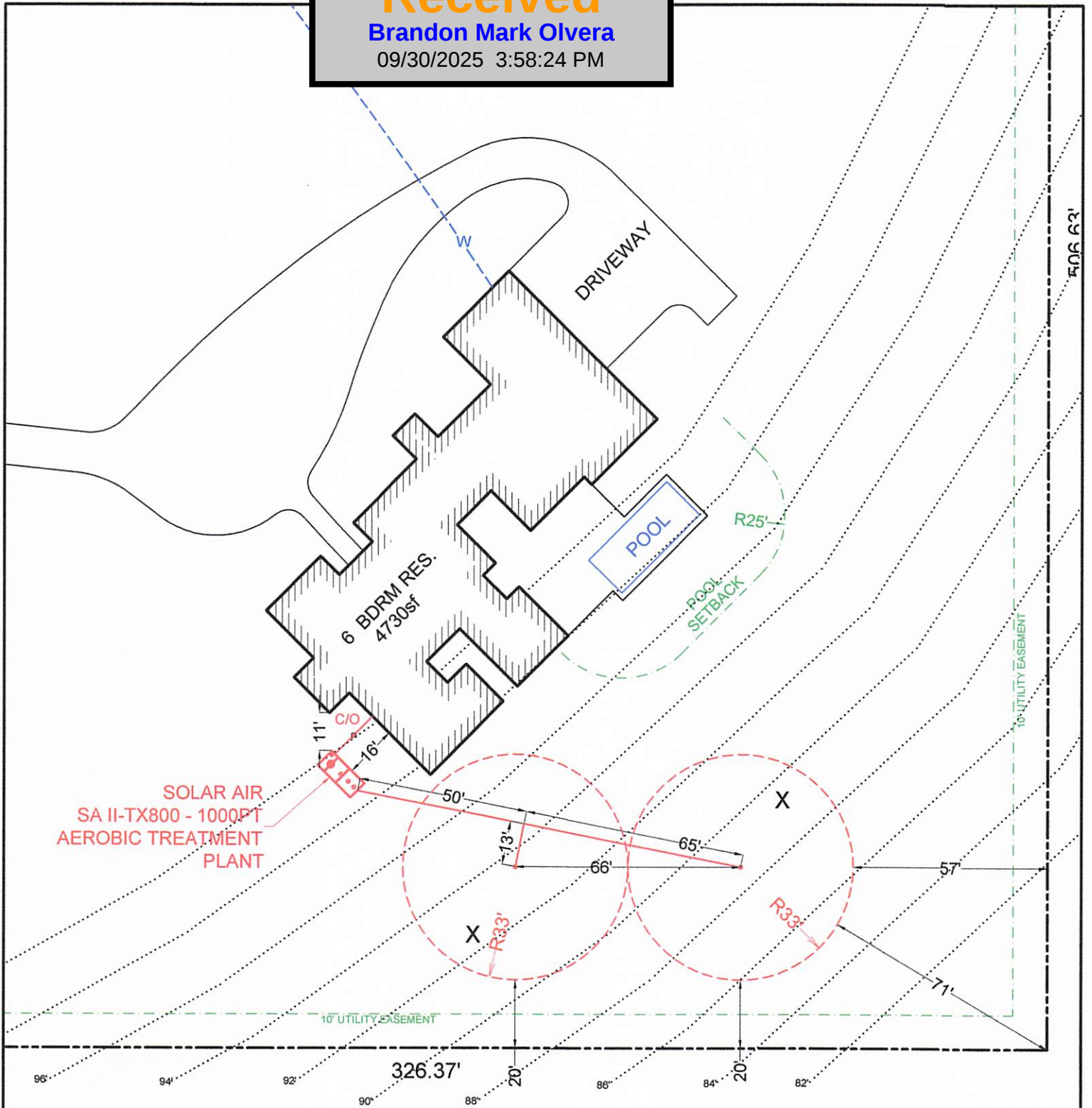
SOLAR AIR
SA II-TX800 - 1000FT
AEROBIC TREATMENT
PLANT

SPRAY AREA = 6842sf
X= TEST HOLES



OWNER: EVAN SIEGEL		DRAWN BY: EJS III	
STREET ADDRESS: 380 HIDDEN POINTE			
LEGAL DESC: RIVER CHASE		UNIT/SECTION/PHASE: 4	LOT: 394
PREPARED BY: GREG W. JOHNSON, P.E. F#002585		SCALE: 1"=60'	DATE: 12/11/2024
		REVISED: 9/11/2025	

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SPRAY AREA = 6842sf
X= TEST HOLES



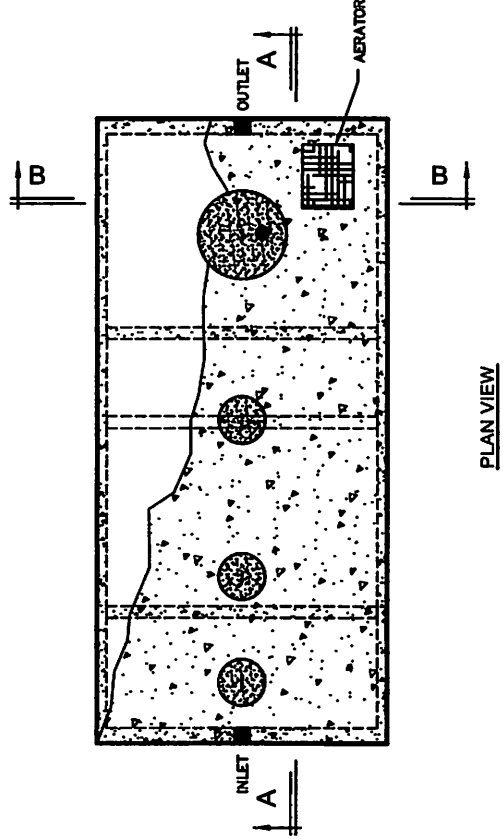
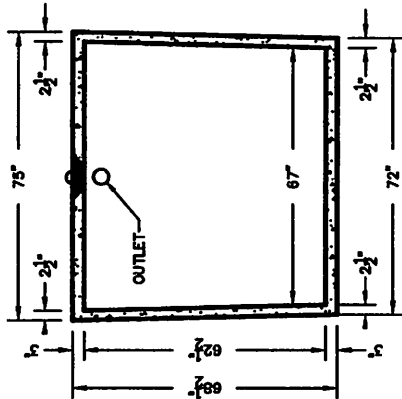
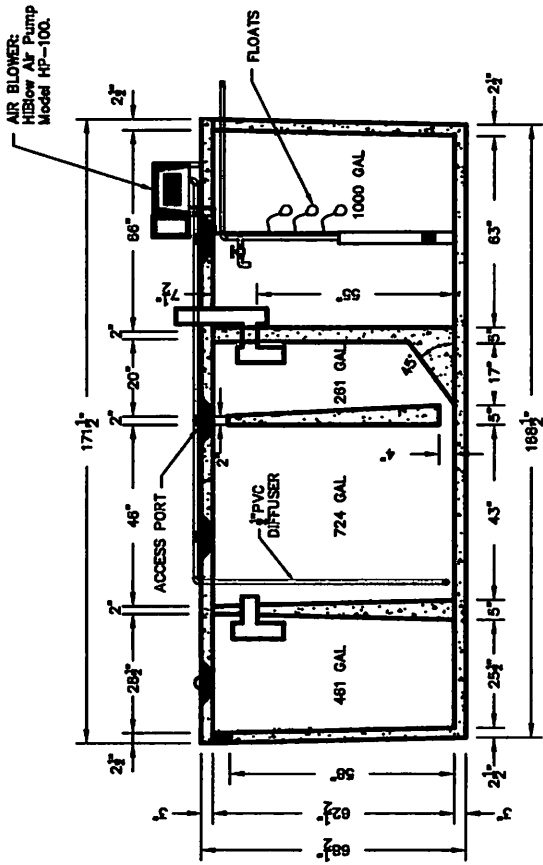
OWNER: EVAN SIEGEL		DRAWN BY: EJS III	
STREET ADDRESS: 380 HIDDEN POINTE			
LEGAL DESC: RIVER CHASE	UNIT/SECTION/PHASE: 4	BLOCK:	LOT: 394
PREPARED BY: GREG W. JOHNSON, P.E. F#002585	SCALE: 1"=60'	DATE: 12/11/2024	REVISED: 9/11/2025

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800-1000PT
 TREATMENT SYSTEM

SOLAR AERATION
 6754 HWY
 LAKE CHARLES
 PHONE: (337)

TREATMENT PLANT
 SA-5
 JULY 2021
 NONE



Received

Brandon Mark Olvera

09/30/2025 3:58:24 PM

TANK NOTES:

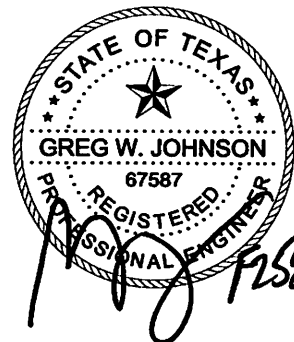
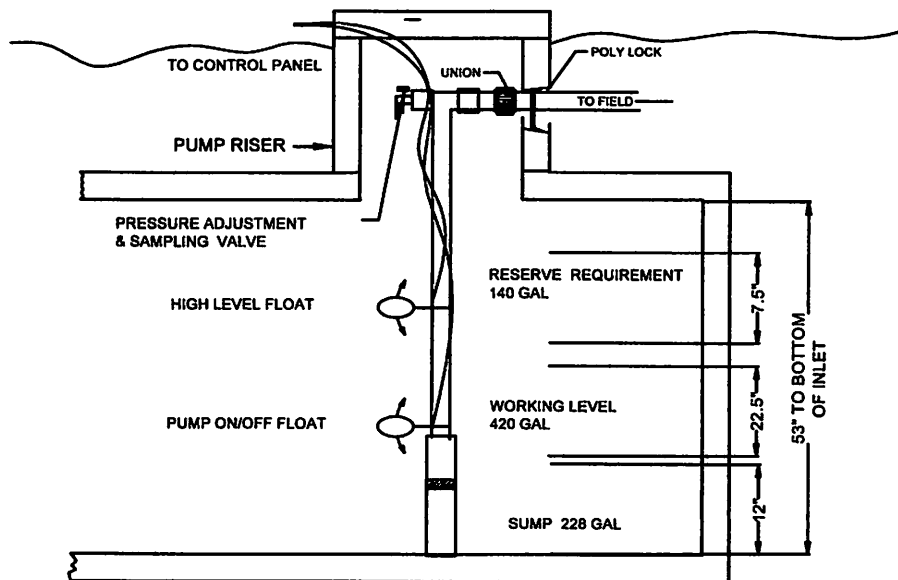
Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

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



TYPICAL PUMP TANK CONFIGURATION
1000 GAL PUMP TANK - SAIITX-800 1000 PT

E-Series

FPS

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Environmental Series Pumps

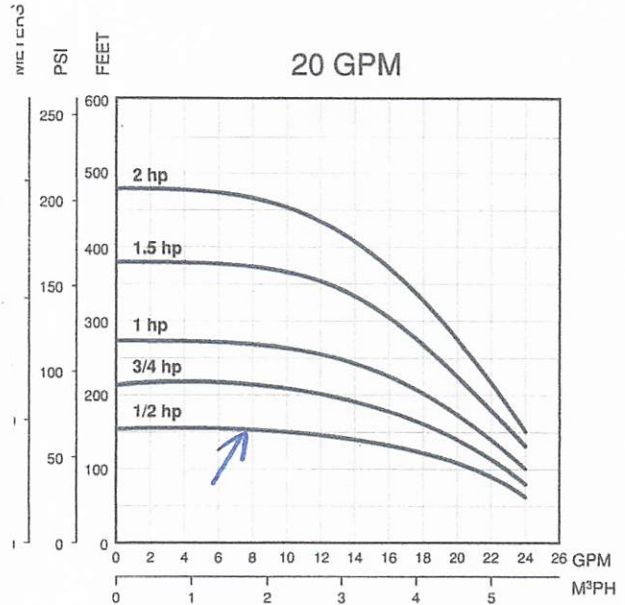
Thermoplastic Performance

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
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



COMALCOUNTY
ENGINEER'S OFFICE

ON-SITE SEWAGE FACILITY APPLICATION

RIVER CHASE, UNIT 4, LOT 394

195 DAVID JONAS DR
NEW BRAUNFELS, TX 78132
(830) 608-2090
WWW.CCEO.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) CLEARSTREAM 850 NC2 & 1080 PUMP Absorption/Application Area (Sq Ft) 6842

Gallons Per Day (As Per TCEQ Table 111) 420

(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 WP 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 WP.)

Is there at least one acre of irrigable land as per 285.40? ☒ Yes ☐ No

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

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

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

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

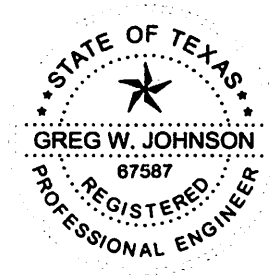
(if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP.)

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

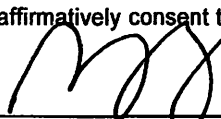
If yes, indicate the city: _____



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 of Designer

December 11, 2024
Date

FIRM #2585

OWNER: EVAN SIEGEL		DRAWN BY: EJS III	
STREET ADDRESS: 380 HIDDEN POINTE			
LEGAL DESC: RIVER CHASE		UNIT/SECTION/PHASE: 4	BLOCK: LOT: 394
PREPARED BY: GREG W. JOHNSON, P.E. F#002585		SCALE: 1"=60'	DATE: 12/11/2024 REVISED:

VOID

CLEARSTREAMING
AEROBIC TREATMENT

1080 GAL
PUMP TANK

DRIVEWAY

POOL

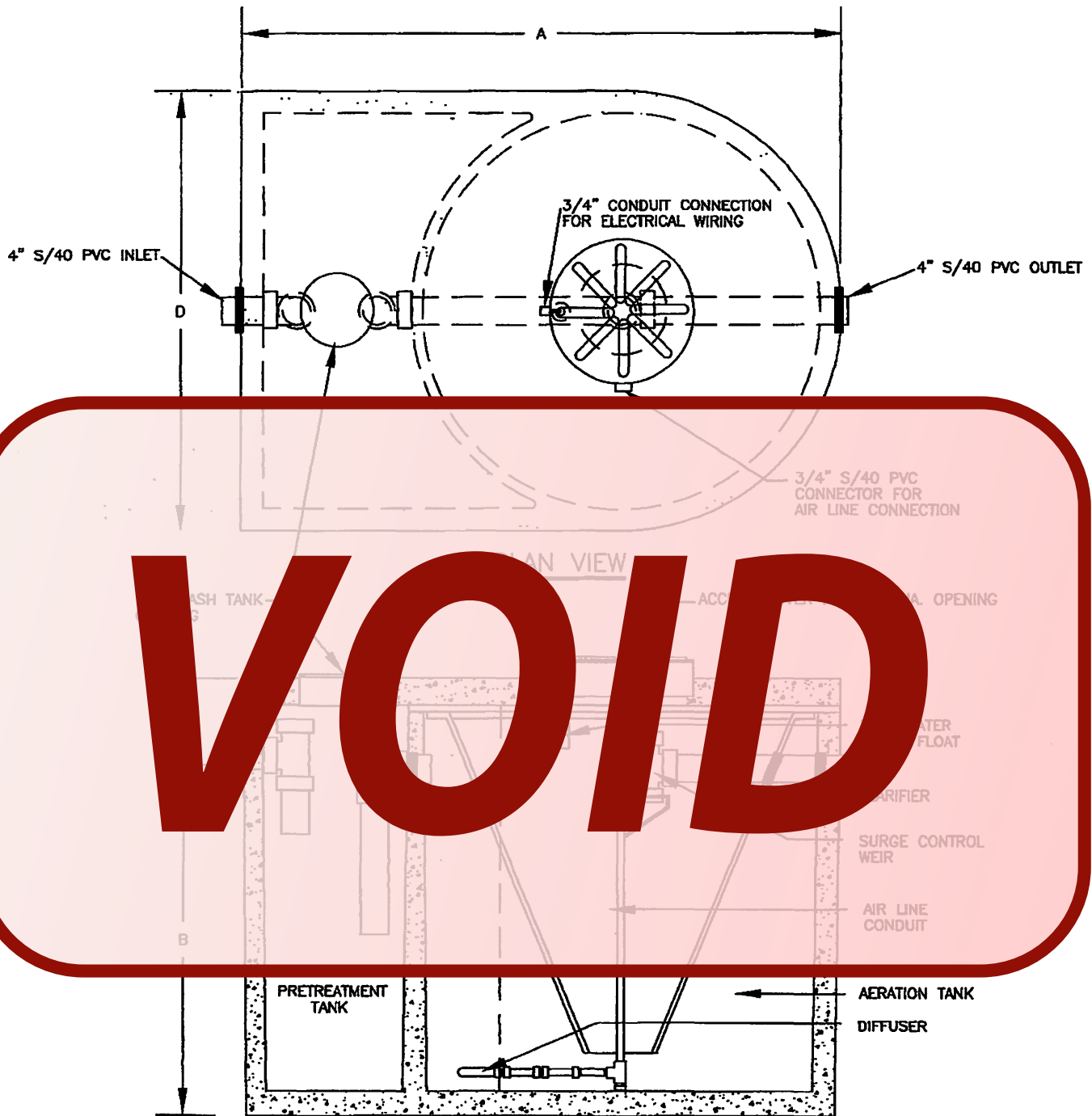
10" UTILITY EASEMENT

SPRAY AREA = 6842sf
X= TEST HOLES



OWNER: EVAN SIEGEL		DRAWN BY: EJS III	
STREET ADDRESS: 380 HIDDEN POINTE			
LEGAL DESC: RIVER CHASE	UNIT/SECTION/PHASE: 4	BLOCK:	LOT: 394
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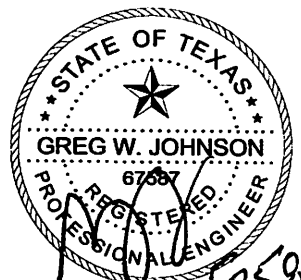
DESIGN DRAWINGS



MODEL NC2
SECTION

DIMENSIONAL DATA

MODEL	A	B	C	D
500 NC2	104"	60"	10-1/2"	75"
600 NC2	107"	60"	10-1/2"	82"
750 NC2	107"	70"	10-1/2"	82"
800 NC2	107"	72"	8-1/2"	82"



12/11/21

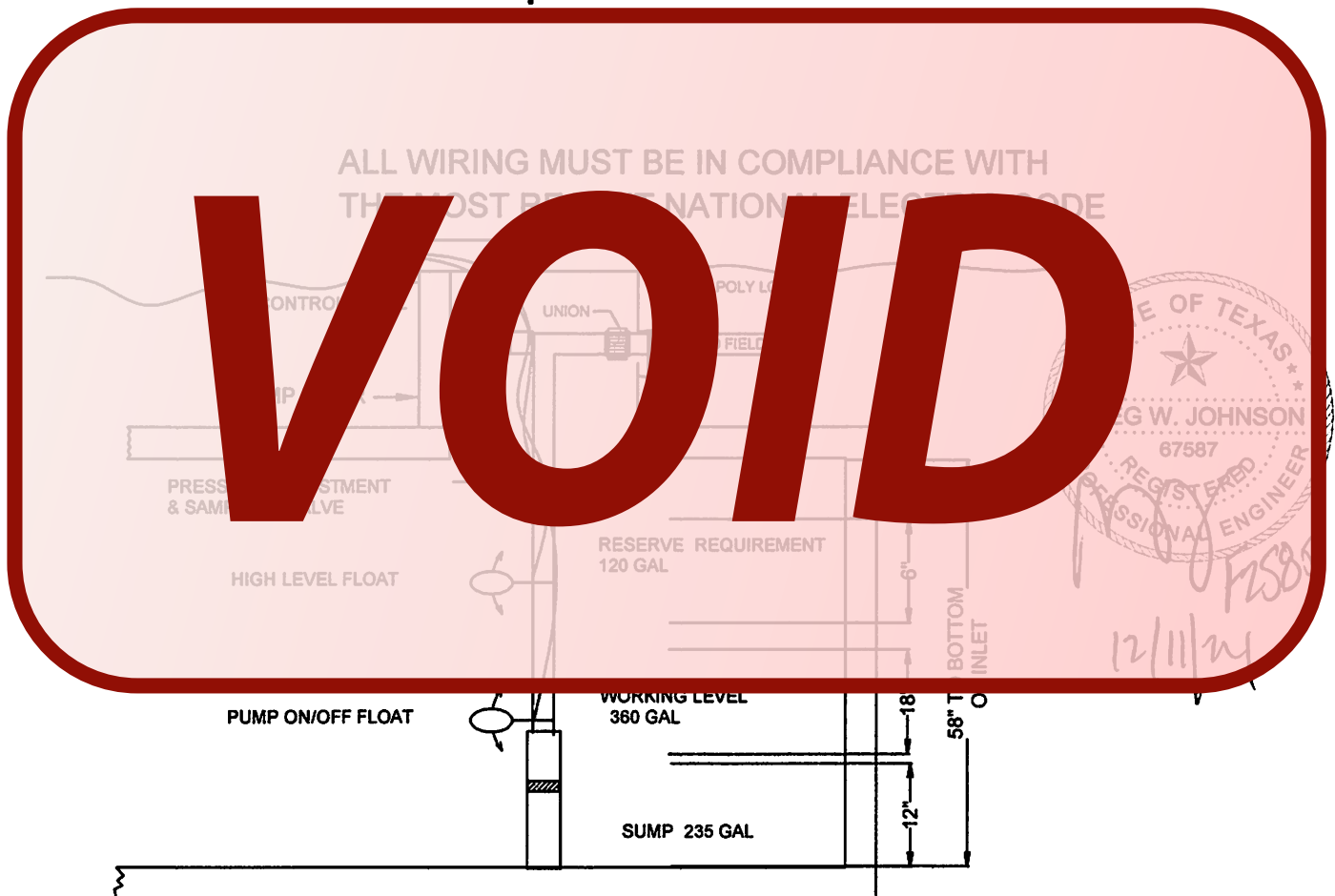
TANK NOTES:

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
CLEARSTREAM 1080 GAL PUMP TANK

OPERATION

1. The pump must be submerged at all times during normal operation. Do not run pump dry.
2. Make sure that the float switches are set so that the pump stops before the pump runs dry or breaks suction. If necessary, adjust float switches to achieve this.
3. The motor bearings are lubricated internally. No maintenance is required or possible on the pump.

Table 1: Recommended Fusing Data
60 Hz/1 Phase 2-Wire Cable

Model	HP	Voltz/Hz/ Phase	Max Load Amps	Locked Rotor Amps	Fuse Size Standard/ Dual Element
P10D	1/2	115/60/1	11.0	30.0	15
P20D	1/2	115/60/1	9.5	30.0	15
P30D	1/2	115/60/1	9.5	30.0	15

VOID

Figure 1: Insert a piece of PVC pipe in the bottom of the motor to raise the pump in the tank.

Figure 2: Performance Chart showing Flow Rate (Gallons Per Minute (GPM)) vs. Total Head (Feet (M)).

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
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	60	38'	4.7
#6	40	38'	6.5
	50	40'	7.3
	60	42'	8.0
	70	44'	8.6

KRAIN
K-2 Plus

X

22-661565-KA

After Recording, Return To:
Evan Siegel
4849 Leeds St.
SIMI VALLEY, CA 93063

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
(Cash)

THE STATE OF TEXAS §
 COMAL § KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF ~~BEXAR~~ §

THAT THE UNDERSIGNED, ALAN ROSS HASTINGS and TERESA DAVIS HASTINGS hereinafter referred to as "Grantor," whether one or more, for and in consideration of the sum of TEN DOLLARS (\$10.00) cash, and other good and valuable consideration in hand paid by the Grantee, herein named, the receipt and sufficiency of which is hereby fully acknowledged and confessed, has GRANTED, SOLD, and CONVEYED, and by these presents does hereby GRANT, SELL, and CONVEY unto EVAN SIEGEL, herein referred to as "Grantee," whether one or more, the real property described as follows, to-wit:

Lot 394 of RIVER CHASE UNIT FOUR, a subdivision in Comal County, Texas, according to the plat recorded in Volume 14, Page(s) 12-19 of the Map and Plat Records of Comal County, Texas.

This conveyance, however, is made and accepted subject to any and all validly existing encumbrances, conditions, and restrictions, relating to the hereinabove described property as now reflected by the records of the County Clerk of Comal County, Texas.

TO HAVE AND TO HOLD the above described premises, together with all the rights and appurtenances lawfully accompanying it, by the Grantee, Grantee's heirs, executors, administrators, successors, and/or assigns forever; and Grantor does hereby bind Grantor, Grantor's heirs, executors, administrators, successors, and/or assigns to WARRANT AND FOREVER DEFEND all the said premises unto the said Grantee, Grantee's heirs, executors, administrators, successors, and/or assigns, against every person whomever claiming or to claim the same or any part thereof.

Current ad valorem taxes on said property having been prorated, the payment thereof is assumed by Grantee.

Grantee: Evan Siegel
4849 Leeds St.
Simi Valley, CA 93063

EXECUTED this 17th day of March, 2022.

GRANTOR:

By: [Signature]
Name: ALAN ROSS HASTINGS

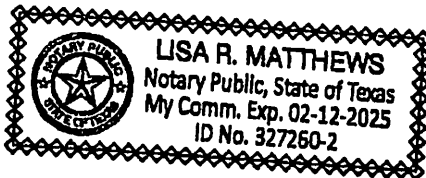
By: [Signature]
Name: TERESA DAVIS HASTINGS

THE STATE OF TEXAS

COUNTY OF COMAL

§
§
§

The foregoing instrument was acknowledged before me on the 17th day of March, 2022 by
ALAN ROSS HASTINGS and TERESA DAVIS HASTINGS.



[Signature]
NOTARY PUBLIC IN AND FOR
THE STATE OF TEXAS

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
03/21/2022 08:40:49 AM
TERRI 2 Pages(s)
202206012977



Bobbie Koepp

