

Comal County

OFFICE OF COMAL COUNTY ENGINEER

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: 07/26/2019 Permit Number: 109291

Location Description: 415 FLANDERS
FISCHER, TX 78623

Subdivision: Legends at Rancho Del Lago

Unit: 3

Lot: 268R

Block:

Acreage:

Type of System: Aerobic
Surface Irrigation

Issued to: William J. & Susan C. Wright

This license is authorization for the owner to operate and maintain a private facility at the location described in accordance to the rules and regulations for on-site sewerage facilities of Comal County, Texas, and the Texas Commission on Environmental Quality.

The license grants permission to operate the facility. It does not guarantee successful operation. It is the responsibility of the owner to maintain and operate the facility in a satisfactory manner.

Alterations to this permit including, but not limited to:

- Increase in the square feet of living area
- Increase in the number of bedrooms
- A change of use (i.e. residential to commercial)
- Relocation of system components (including the relocation of spray heads)
- Installation of landscaping
- Adding new structures to the system

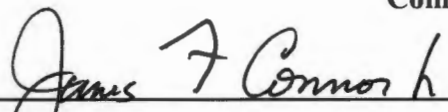
may require a new permit. **It is the responsibility of the owner to apply for a new permit, if applicable.**

Inspection and licensing of a facility indicates only that the facility meets certain minimum requirements. It does not impede any governmental entity in taking the proper steps to prevent or control pollution, to abate nuisance, or to protect the public health.

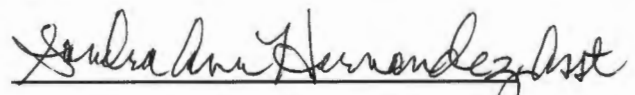
This license to operate is valid for an indefinite period. The holder may transfer it to a succeeding owner, provided the facility has not been remodeled and is functioning properly.

Licensing Authority

Comal County Environmental Health


ENVIRONMENTAL HEALTH INSPECTOR

OS0032485


ENVIRONMENTAL HEALTH COORDINATOR
OS 0025599

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: DAVID BARKER OSSF Installer #: DS0008287
 1st Inspection Date: 7-23-19 2nd Inspection Date: _____ 3rd Inspection Date: 7-26-19 *final*
 Inspector Name: CONNOR Inspector Name: _____ Inspector Name: Connor

Permit#: 109791 Address: 415 FLANDERS LEGENDS AT RANCHO DEL LAGO

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)(iii) 285.32(b)(1)(E)(i) 285.32(b)(1)(E)(ii)(i)				
7	PRETREATMENT Grease Interceptors if required for commercial		285.34(d)				

7-23-19 JC
 TANK SET LEVELED
 OPERATIONAL COVER-

Covered 7-26-19 JC

**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 Environmental Health OSSF Inspection Sheet

Installer Name: DAVID BARKER OSSF Installer #: DS0008287
 1st Inspection Date: 7-23-19 2nd Inspection Date: _____ 3rd Inspection Date: _____
 Inspector Name: CONNOR Inspector Name: _____ Inspector Name: _____

Permit#: 109291 Address: 415 FLANDERS / LEGENDS AT RANCHO DEL LAGO

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)				

7-23-19 JC

TANK SET LEVELED
OPERATIONAL COVER.

**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	✓		SOLAR 600			
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**

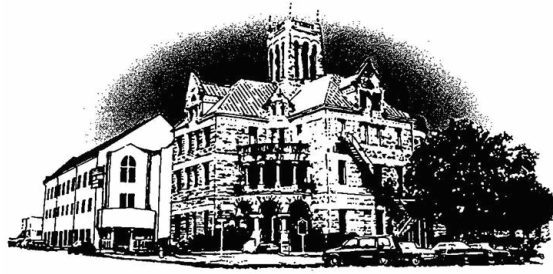
No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
19	DISPOSAL SYSTEM Drip Irrigation		285.33(c)(3)(A)-(F)				
20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(3) 285.33(a)(1) 285.33(a)(2)				
22	DISPOSAL SYSTEM Gravelless Pipe		285.33(a)(3)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

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart		285.33(b)(3)(A) 285.33(b)(3)(A) 285.33(b)(3)(B) 285.91(13) 285.33(b)(3)(D) 285.33(b)(3)(F)				
33	AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.	<input checked="" type="checkbox"/>	285.32(c)(1)		<input checked="" type="checkbox"/>		
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	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		
35	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
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

OFFICE OF COMAL COUNTY ENGINEER

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

Permit Number: 109291
Issued This Date: 06/24/2019
This permit is hereby given to: William J. & Susan C. Wright

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

415 FLANDERS
FISCHER, TX 78623

Subdivision: Legends at Rancho Del Lago
Unit: 3
Lot: 268R
Block:
Acreage:

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.

OSSF DEVELOPMENT APPLICATION CHECKLIST

Staff will complete shaded

items 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
- 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

RECEIVED

JUN 19 2019

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

Date

<input type="checkbox"/> COMPLETE APPLICATION	
Check No. _____	Receipt No. _____

<input type="checkbox"/> INCOMPLETE APPLICATION
(Missing Items Circled, Application Refused)

*** COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH ***
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN
ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

REVISED
8:33 am, Jun 24, 2019

Date 06/06/19

Permit # _____

Owner Name William J. Wright AND SUSAN C. WRIGHT Agent Name John J. Haag, P.E.
Mailing Address 257 E. Garza Agent Address 15831 Secret Trail
City, State, Zip New Braunfels, Tx. 78130 City, State, Zip San Antonio, Tx. 78247
Phone # 512-696-4321 Phone # 210-705-4268
Email bigbud705@yahoo.com Email jhaag@satx.rr.com

All correspondence should be sent to: Owner Agent Both Method: Mail Email

Subdivision Name Legends at Rancho del Lago Unit 3 Lot 268R Block _____
Acreage/Legal 2.02
Street Name/Address 415 Flanders City Fischer Zip 78623

Type of Development:

Single Family Residential

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

Number of Bedrooms 3

Indicate Sq Ft of Living Area 1810

Commercial or Institutional Facility

(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: \$ 225,000 (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

Are Water Saving Devices Being Utilized Within the Residence? Yes No

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.
- 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.

W J Wright / Susan Wright Date 6-17-19
Signature of Owner _____

* * * **COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH** * * *
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN
ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Planning Materials & Site Evaluation as Required Completed By John J. Haag, P.E.

System Description Proprietary aerobic treatment with surface spray disposal

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

Tank Size(s) (Gallons) 500 gpd min. Absorption/Application Area (Sq Ft) 3750 min.

Gallons Per Day (As Per TCEQ Table III) 240

(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.)

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: _____

RECEIVED
JUN 19 2019
COUNTY ENGINEER

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.

John J. Haag, P.E.
Signature of Designer

06/19/19
Date

1/3

THE COUNTY OF COMAL



201906021098 06/19/2019 03:01:40 PM 1/1

STATE OF TEXAS

CERTIFICATION OF OSSF REQUIRING MAINTENANCE

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

I

The Texas Health and Safety Code, Chapter 366 authorizes the TCEQ to regulate on-site sewage facilities (OSSFs). Additionally, the Texas Water Code (TWC), § 5.012 and § 5.013, gives the TCEQ 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 TCEQ, 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 TCEQ 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 TCEQ of the suitability of this OSSF, nor does it constitute any guarantee by the TCEQ 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):

Legal Description: Lot 268R, The Legends of Rancho del Lago, Phase 3

This property is owned by: William J. Wright

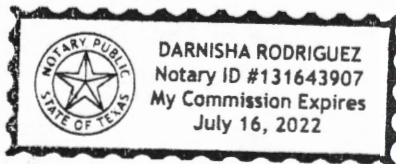
This OSSF must be covered by a continuous maintenance contract for the first two years. After the initial two year service policy, the owner of an aerobic system for a single family residence shall either obtain a maintenance contract within 30 days or maintain the system personally.

The owner will, upon any sale or transfer of the above-described property, request a transfer of the permit for the OSSF to the buyer or new owner. A copy of the planning materials for the OSSF can be obtained from Comal County.

WITNESS BY HAND(S) ON THIS 17 DAY OF JUNE 2019.

William J. Wright
William J. Wright (Owner)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 17 DAY OF June, 2019.



Darnisha Rodriguez
Notary Public, State of Texas

RECEIVED

JUN 19 2019

COUNTY ENGINEER

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
06/19/2019 03:01:40 PM
TERRI 1 Page(s)
201906021098



Bobbie Koepf

Rocky Ridge Septic



TREATMENT SYSTEM INITIAL SERVICE POLICY

This Service Policy ("Agreement") entered into this day of by and between William J. Wright ("Home Owner") and Rocky Ridge Septic ("Service Provider") Service Provider agrees to operate and maintain the Hoot Aerobic System located at Lot 268R, Legends at Rancho del Lago, (legal description only) Permit # for the period of two (2) years beginning and ending pursuant to the terms below:

This Agreement will provide for all required inspections, testing and service of your HOOT Aerobic Treatment System. Service Provider and Home Owner agree to the following:

1. Service Provider shall perform 3 inspections a year/service calls (at least one every 4 months), for a total of 1 over the two-year period including inspection, adjustment and servicing of the mechanical, electrical and other applicable component parts to ensure proper function. This includes inspecting the control panel, air pumps, air filters, diffuser operation, and replacing or repairing any component not found to be functioning correctly.
2. Such inspections shall include an effluent quality inspection consisting of a visual check for color, turbidity, scum overflow and examination for odors. A test for chlorine residual and pH will be taken and reported as necessary.
3. If any improper operation is observed by Service Provider, which cannot be corrected at the time of the service visit, Home Owner will be notified immediately in writing of the conditions and estimated date of correction.
4. Home Owner agrees to maintain a chlorine residual of at least 0.1 mg/L in the pump tank for surface irrigation systems. This can be accomplished by using chlorine tablets designed for wastewater use, NOT SWIMMING POOL TABLETS. Upon inspection by Service Provider, if the system needs chlorine tablets the Service Provider will add them and charge the Home Owner.
5. In the event that the Home Owner fails in their responsibility to add the chlorine tablets, it shall be considered a breach of this Agreement and the Home Owner's duties as agreed to in the Hoot Homeowners Manual. Additionally, such failure may be considered an unlawful act in some jurisdictions, and Service Provider will contact the appropriate governmental authorities to report such violation.
Initials of Service Provider Initials of Homeowner
6. Home Owner agrees to maintain a factory authorized service provider for the lifetime of the system, as required by state law applicable to aerobic systems. Service Provider agrees to make available, for purchase on an annual basis, a continuing service policy to cover labor for normal inspection, maintenance and repair.
7. Service Provider agrees that within 48 hours of a request for service, Home Owner's system will be visited by the Service Provider listed below or their authorized agent. If there are any items which need correction that can not be immediately remedied, the service provider will inform the Home Owner, in writing, of the conditions and the estimated repair date.
8. Any additional visits, inspections or sample collections required by specific Municipalities, Water/River Authorities, County Agencies the State or any other regulatory agency in your jurisdiction will be covered by this Agreement.

Disclaimer: The HOOT Homeowners Manual must be strictly followed or all warranties are subject to invalidation. Pumping of sludge build-up, for reasons other than due to warranted mechanical failure, are not covered by this Agreement and will result in additional charges. By signing this Agreement, both Service Provider and Homeowner agree to the terms contain herein. Further, By signing this Agreement, both the Service Provider and the Home Owner swear that the Home Owner has received a copy of the Homeowners Manual and the Service Provider has made a reasonable effort to explain all pertinent information to the Homeowner.

RECEIVED
JUN 19 2019

Home Owner agrees that HOOT Aerobic Systems, Inc. is not a party to this Agreement, and shall bear no responsibility for service or any terms, obligations, or duties contained herein.

ENGINEER

HOME OWNER

William J. Wright *& Susan E. Wright*
 Name 257 E. Garza
 Address New Braunfels, Tx. 78130
 City
 Phone () 512-696-4321
 Signature of Home Owner WJ Wright / Susan Wright

SERVICE PROVIDER

Dave Barker
 Name of Service Company Representative 2449 Rocky Ridge Loop
 Address Canyonlake, TX 78133
 City
 Phone 830, 935 - 2750
 Signature of Service Provider and License #. D Barker MP 000557

THIS BOX MUST BE COMPLETED BY THE SERVICE PROVIDER		
HOOT Model # _____	Blower/Panel Serial # _____	HOOT Mold # _____

White Copy - Home Owner Yellow Copy - Installer Pink Copy - HOOT Goldenrod Copy - Regulatory Agency Rev 5/05

** The effective date of this initial maintenance contract shall be the date the license to operate is issued.*

ON-SITE SEWAGE FACILITY (OSSF) SITE EVALUATION FORM

1. OWNER INFORMATION	
Property Owner's Full Legal Name: William J. Wright	

2. PROPERTY INFORMATION				
City: Fischer			Zip Code: 78623	
Legal Description:				
Lot: 268R	Block:	Subdivision: Legends at Rancho del Lago	Sec:	Unit: 3
If not located in subdivision: Survey:				
Abstract:			Recorded (Vol/Pg):	

3. SITE EVALUATION INFORMATION:	
Name of Site Evaluator: John J. Haag	PE #: 90158
Date Performed: 03/28/19	Proposed Excavation Depth: Surface

4. REQUIREMENTS:

- At least two soil evaluations must be performed on the site at opposite ends of the proposed disposal area. Locations of soil evaluations must be shown on the application site drawing or designer's site drawing.
- For subsurface disposal, soil evaluations must be performed to a depth of at least 2 feet below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated.

RECEIVED

JUN 19 2019

COUNTY ENGINEER

Soil Profile Hole Number: 1					
Depth (ft.)	Textural Class	Gravel Analysis	Drainage (Mottles/Water Table)	Restrictive Horizon	Observations
0	III	<30%	No	Yes	Type III to 6" then probe refusal at 8"
1					
2					
3					
4					
5					

ON-SITE SEWAGE FACILITY (OSSF) SITE EVALUATION FORM

Soil Profile Hole Number: 2					
Depth (ft.)	Textural Class	Gravel Analysis	Drainage (Mottles/Water Table)	Restrictive Horizon	Observations
0	III	<30%	No	Yes	Type III to 6" then probe refusal at 8"
1					
2					
3					
4					
5					

5. FEATURES OF SITE AREA:

- | | |
|---|---|
| Presence of 100 year flood zone: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Presence of adjacent ponds, streams or water impoundments | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Existing or proposed water well in nearby area | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Organized sewage available to lot or tract | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Recharge features within 150 feet | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (None observed) |

6. I certify that the above statements are true and correct and are based on my own field observations.

RECEIVED

JUN 19 2019

COUNTY ENGINEER



J. J. Haag, P.E.

03/28/19

Haag Engineering Consultants, Inc.
Firm: F-5789

REVISED
1:35 pm, Jul 09, 2019

Aerobic With Surface Disposal

by Felix I. Bernal, P.E. (c) 2002 - 2013

SITE EVALUATION PERFORMED ON:

28-Mar-19 by John J. Haag, P.E.



Date: 07/09/19
 APPLICANT: William J. Wright
 MAILING ADDRESS:
 CITY, ST, ZIP
 CONTRACTOR
 SITE ADDRESS: 415 Flanders
 CITY, ST, ZIP Fischer, Texas 78623
 LEGAL DESCRIPTION: Lot 268R, Legends at Rancho del Lago 3
 WATER SOURCE: Public

SOIL TYPE 3 AT SLOPE OF <15% BEDROOMS 3 Sq. Ft. 1810
 Normally Required 300 GPD 300 GPD

WATER SAVING DEVICES? Y
 APPLICATION RATE = 0.064 GALLONS PER SQ. FT. PER DAY
 USAGE FLOW = 240 GALLONS PER DAY WHICH IS 80% OF 300 GPD
 SEPTIC TANK VOLUME = 750 GALLONS TWO COMPARTMENT TANK REQUIRED
 RESERVE CAPACITY = 80 (8 HOURS USAGE AFTER HIGH LEVEL ALARM)

AREA REQUIRED = 3,750 SQ. FT. OF ABSORPTION AREA OR 0.09 ACRES
WITHOUT WATER SAVING DEVICES 4,688 SQ. FT. OF ABSORPTION AREA OR 0.11 ACRES
 Use a 600 GPD Treatment Plant Model SA600 by Solar Aerobic
 Nozzle # PSI (K-Rain ProPlus Low Angle Sprinkler Nozzle)

3 30 PSI WITH A 29 FOOT RADIUS AND 3.0 GPM/ SPRINKLER WITH A TOTAL OF 6.0 GPM FOR THE SYSTEM

AREA COVERED BY PROPOSED SPRINKLER HEADS

LINEAR FEET OF DISTRIBUTION = 133.0 FT. OF 1 INCH SCH-40 PURPLE PIPE 150 C (HAZEN-WILLIAMS)
 SPACE BETWEEN SPRINKLER HEADS = 58 FT

2 SPRINKLERS FOR A DOSE TIME OF 40 MINUTES
 WITH ANGLE OF DISTRIBUTION = 360 AREA PER SPRINKLER = 2,642 sf

SPRINKLERS	LENGTH OF PIPE	Dist. Angle	Flow GPM	Q GPM	Hf ft of head	Area
2	75 FT	360	3	6.000	2.00	2642.0
1	58 FT	360	3	3.000	0.43	2642.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
SUM=	133 feet of pipe		6.000		2.43 ft of head	5284.0 sf

(Note: 0.4335= 62.424/144 for water at 39.2°F)

fittings factor	1.20
	2.92 ft of head
Hf for Dist Line	3.5503926 ft of head
30.00 psi divided by 0.4335 =	69.20 ft of head
elevation difference	14.00 ft of head
head required for sprinkling	89.67 ft of head
pressure required for sprinkling	38.87 psi

GENERAL NOTES:

1. NO VEHICULAR TRAFFIC IS ALLOWED ON ANY PORTION OF THE DISPOSAL SYSTEM, UNLESS THE DESIGN SPECIFIES OTHERWISE.
2. PIPE ALIGNMENT TO THE DISPOSAL BEDS MAY BE ALTERED AS REQUIRED. ANY CHANGE FROM THE PLANS MUST BE APPROVED BY THE ENGINEER AND THE APPROPRIATE GOVERNMENTAL AGENCY(IES).
3. CONTRACTOR SHALL PROTECT TREES WHICH ARE NOT IN THE EXCAVATED CONSTRUCTION AREAS. CONTRACTOR SHALL MINIMIZE ROOT DAMAGE AND REASONABLY ADHERE TO THE DESIGN.
4. CONTRACTOR IS RESPONSIBLE FOR VERIFYING A MINIMUM OF 1/4" PER FOOT OF FALL FROM THE BUILDING TO THE SEPTIC TANK.
5. NO AUTOMATIC SPRINKLER SYSTEM SHALL BE INSTALLED OVER THE DISPOSAL AREAS. ANY WATERING IN THESE AREAS SHALL BE DONE BY HAND AND ONLY WHEN REQUIRED TO MAINTAIN GRASS COVER.
6. ALL CONSTRUCTION SHALL CONFORM TO THE RULES AND REGULATIONS OF THE APPROPRIATE AUTHORITY - TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) AND ANY APPLICABLE LOCAL BUILDING AND SAFETY CODES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY THE CONSTRUCTION OF THIS SYSTEM.
8. SPRAY APPLICATION AREAS SHALL BE COVERED WITH PERENNIAL GRASSES TO TAKE ADVANTAGE OF TRANSPIRATION. IF GRASSES ARE USED WHICH HAVE DORMANT PERIODS, STEPS SHOULD BE TAKEN TO PROVIDE SOME TYPE OF VEGETATION ON THE BEDS DURING THESE PERIODS.
 - 8.1. RECOMMENDED COVERAGE:
 - 8.1.1. BERMUDA: 1 LB/1000 S.F.
 - 8.1.2. RYE: 10 LB/1000 S.F.
 - 8.1.3. OR ST. AUGUSTINE SOD.
9. SPRAY APPLICATION AREAS MUST BE MOWED AT REGULAR INTERVALS. FAILURE TO PROPERLY MAINTAIN VEGETATIVE COVER MAY RESULT IN SYSTEM FAILURE AND SHALL BE THE RESPONSIBILITY OF THE OWNER.
10. ALL PIPES SHALL BE SCHEDULE 40 PVC OR APPROVED EQUAL, UNLESS NOTED OTHERWISE. ALL JOINTS SHALL BE CLEANED WITH THE APPROPRIATE SOLVENT AND GLUED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.
11. ALL POTABLE WATER LINES SHALL BE A MINIMUM OF 10 FEET FROM ANY DISPOSAL SYSTEM OR SEWERAGE PIPE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF WATER LINES LESS THAN 10 FEET FROM THE DISPOSAL AREA.
12. HIGH WATER ALARM SHALL BE LOCATED IN A NOTICEABLE LOCATION. THE ALARM SHALL BE A VISUAL AND AUDIBLE ALARM AND WIRED ON A SEPARATE CIRCUIT FROM THE PUMPS. ALL EXTERIOR CONTROLS AND CONNECTIONS SHALL BE ENCLOSED IN A WEATHER-PROOF HOUSING. ELECTRICAL CONSTRUCTION SHALL COMPLY WITH ALL LOCAL ELECTRICAL AND BUILDING CODES.
13. NO EXCAVATION IS PERMITTED NEAR THE DISPOSAL AREAS THAT WILL RESULT IN THE NONCOMPLIANCE OF APPLICABLE SETBACKS STATED IN THE RULES AND REGULATIONS OF THE APPROPRIATE AUTHORITY.
14. ONLY GOOD QUALITY SANDY LOAM SHALL BE APPLIED OVER THE DISPOSAL AREAS. CLAY LOAM IS UNACCEPTABLE AND WILL CAUSE SYSTEM FAILURE. SANDY LOAM SHALL BE DEFINED AS SHOWN IN TABLE VI (USDA SOIL TEXTURAL CLASSIFICATIONS) OF THE RULES AND REGULATIONS OF THE TCEQ. THE INSTALLER IS RESPONSIBLE FOR VERIFYING THE QUALITY OF EACH LOAD OF LOAM PLACED ON THE SYSTEM.
15. STORM WATER (RAINFALL RUNOFF) SHOULD NOT BE ALLOWED TO FLOW OVER THE DISPOSAL FIELDS OR THE TANKS. DIVERSION BERMS, SWALES AND/OR RAIN GUTTERS SHOULD BE INSTALLED AS NECESSARY TO PREVENT SUCH RUNOFF.
16. THE CONTRACTOR IS RESPONSIBLE FOR STAKING AND VERIFYING THE GRADES PRIOR TO EXCAVATION. ANY DISCREPANCIES OF MORE THAN 6 INCHES SHALL BE REPORTED TO THE ENGINEER PRIOR TO EXCAVATION. THE CONTRACTOR SHALL NOT DEVIATE FROM THESE PLANS WITHOUT THE WRITTEN CONSENT OF THE APPROPRIATE AUTHORITY AND THE ENGINEER.
17. WATER SOFTENER SHALL NOT BE CONNECTED TO THE SEPTIC TANK.
18. CONTRACTOR SHALL REPORT TO THE ENGINEER ANY ELEVATION DIFFERENCES GREATER THAN 4 FEET BETWEEN THE HIGHEST AND LOWEST TRENCH IN THE FIELD. THIS SHOULD BE CHECKED PRIOR TO INSTALLING THE LATERALS AND MANIFOLD.
19. THIS DISPOSAL SYSTEM HAS BEEN DESIGNED TO OPERATE PROPERLY AT SPECIFICATIONS NOTED IN THESE PLANS. ALTERATIONS TO THE SYSTEM BY THE OWNER, INCLUDING BUT NOT LIMITED TO LANDSCAPING, DRAINAGE, BUILDING AND/OR WATER USAGE, MAY CAUSE PREMATURE FAILURE AND SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLUMBING FIXTURES ARE CONNECTED TO THE DESIGNATED SEPTIC TANK(S). LOW FLOW TOILETS (1.6 GAL), SHOWERHEADS AND FAUCETS SHALL BE USED IN THE STRUCTURES.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR JOBSITE SAFETY AND PROTECTION OF THE PUBLIC FROM INJURY DURING CONSTRUCTION. THE OWNER SHALL BE RESPONSIBLE FOR THE PREVENTION OF PERSONAL INJURY TO ANYONE ON OR NEAR THE DISPOSAL SYSTEM.
22. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL TANKS HAVE ADEQUATE STRENGTH AND INTEGRITY TO PERFORM SATISFACTORILY AS SHOWN ON THESE PLANS.
23. THE WASTEWATER FLOW TO THE SEPTIC SYSTEM SHALL NOT EXCEED THE DESIGN FLOW SHOWN ON THIS PLAN.

ASSUMED LOCATION OF WATER SERVICE METER/LINE ALIGNMENT. NOTE: WATER SERVICE LINE SHALL BE SLEEVED WITH SCH. 40 PVC WHEREVER IT IS 10' OR CLOSER TO PROPOSED OSSF DISPOSAL AREA LIMITS AND/OR ANY SYSTEM COMPONENT(S). EXTEND PVC SLEEVING 10' MIN. BEYOND EACH SIDE OF OSSF DISPOSAL AREA LIMITS AND/OR SYSTEM COMPONENTS.

SLOPE NOTE:

INSTALLER SHALL CUT OR FILL EXIST. GROUND WITHIN SPRAY DISPOSAL LIMITS SO THAT TOP OF FINISHED GROUND SLOPES WITHIN SAID LIMITS DO NOT EXCEED 15%.

ADD'L. NOTES:

1. SPRINKLER OPERATION SHALL BE TIMED TO DOSE BETWEEN MIDNIGHT AND 5:00 a.m.
2. DESIGN DAILY WASTEWATER FLOW = 240 GPD (WATER SAVING DEVICES WERE ASSUMED FOR SEPTIC SYSTEM DESIGN).
3. TOPOGRAPHIC DATA SOURCE: FEMA 2011 DATA
4. THE OSSF INSTALLER SHALL FIELD VERIFY ALL PROPERTY LINE LOCATIONS THAT THIS DESIGN REFERENCES PRIOR TO ANY OSSF INSTALLATIONS.

NOTE: OSSF IS NOT WITHIN FEMA 100 YEAR FLOODPLAIN.

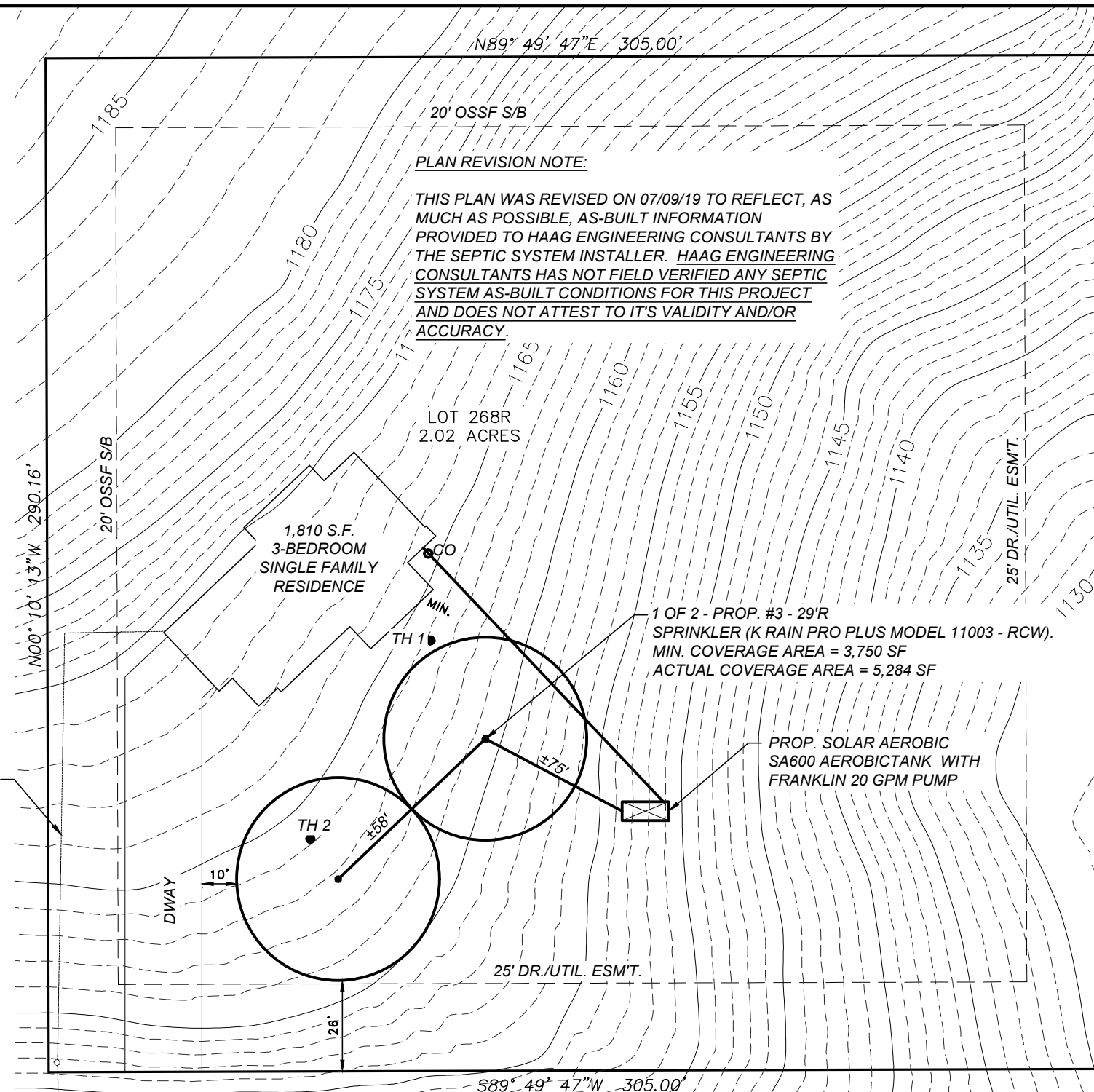
OSSF IS NOT WITHIN THE EDWARDS AQUIFER RECHARGE ZONE.

SITE EVALUATION BY JOHN J. HAAG, P.E. ON 03/28/19

DRAWN BY: JJH
 CHECKED BY: JJH
 DATE: 07/09/19
 JOB NO. BARR19008

SHEET 1 OF 1

**OSSF LAYOUT
 LOT 268R, FLANDERS
 LEGENDS AT RANCHO DEL LAGO, UNIT 3
 FISCHER, TEXAS**

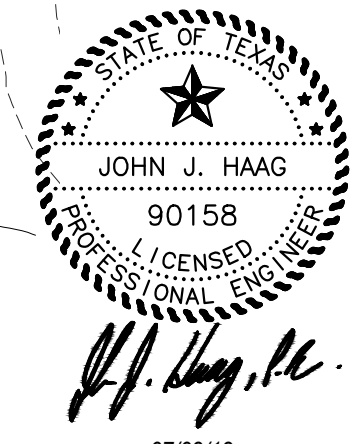


REVISED
 1:36 pm, Jul 09, 2019

WILLIAM TRAVIS



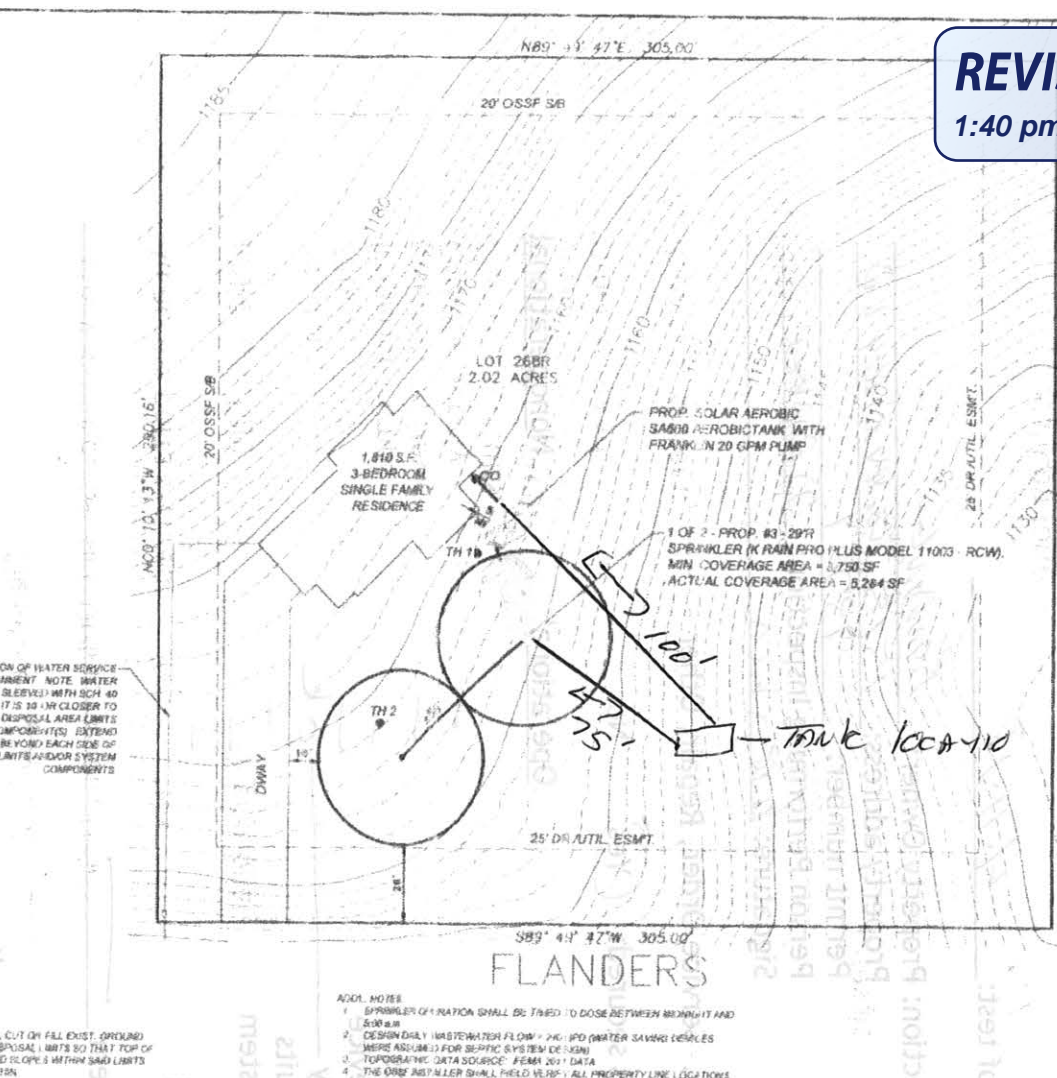
1" = 40'



HAAG ENGINEERING CONSULTANTS
 15831 SECRET TRAILS
 SAN ANTONIO, TEXAS 78247
 FIRM: F-5789
 © COPYRIGHT 2019 HAAG ENGINEERING CONSULTANTS; ALL RIGHTS RESERVED
 TEL: (210) 705-4268

REVISED
 1:40 pm, Jul 09, 2019

- GENERAL NOTES**
- NO VEHICULAR TRAFFIC IS ALLOWED ON ANY PORTION OF THE DISPOSAL SYSTEM UNLESS THE DESIGN SPECIFIES OTHERWISE.
 - PIPE ALIGNMENT TO THE SPECIAL NEEDS MAY BE ALTERED AS REQUIRED. ANY CHANGE FROM THE PLANS MUST BE APPROVED BY THE ENGINEER AND THE APPROPRIATE GOVERNMENTAL AGENCY.
 - CONTRACTOR SHALL PROTECT TREES WHICH ARE NOT IN THE EXCAVATED CONSTRUCTION AREA. CONTRACTOR SHALL MINIMIZE ROOT DAMAGE AND REASONABLY ADHERE TO THE DESIGN.
 - CONTRACTOR IS RESPONSIBLE FOR VERIFYING A MINIMUM OF 1/4" PER FOOT OF FALL FROM THE BUILDING TO THE SEPTIC TANK.
 - NO AUTOMATIC SUPPLEMENT SYSTEM SHALL BE INSTALLED OVER THE DISPOSAL AREAS. ANY WATERING OF THESE AREAS SHALL BE DONE BY HAND AND ONLY WHEN NECESSARY TO MAINTAIN GRASS COVER.
 - ALL CONSTRUCTION SHALL CONFORM TO THE RULES AND REGULATIONS OF THE APPROPRIATE AUTHORITY. TEXAS' COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) AND ANY APPLICABLE LOCAL BUILDING AND SAFETY CODES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY THE CONSTRUCTION OF THIS SYSTEM.
 - SPRAY APPLICATION AREAS SHALL BE COVERED WITH PERENNIAL GRASSES TO TAKE ADVANTAGE OF TRANSPORATION. IF GRASSES ARE USED WHICH HAVE DOMINANT PERIODS, STEPS SHOULD BE TAKEN TO PROVIDE EQUAL TYPE OF COVERAGE THROUGH THE SEASONS DURING THESE PERIODS.
 - RECOMMENDED COVERAGE:
 - BERMUDA 1 LB/1000 SF
 - RYE 10 LB/1000 SF
 - OR ST. AUGUSTINE SOG
 - SPRAY APPLICATION AREAS MUST BE MOWED AT REGULAR INTERVALS. FAILURE TO PROPERLY MAINTAIN VEGETATIVE COVER MAY RESULT IN SYSTEM FAILURE AND SHALL BE THE RESPONSIBILITY OF THE OWNER.
 - ALL PIPES SHALL BE SCHEDULE 40 PIPE OF APPROXIMATE EQUAL, UNLESS NOTED OTHERWISE. ALL JOINTS SHALL BE CLEANED WITH AN APPROPRIATE SOLVENT AND GLUED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.
 - ALL POTABLE WATER LINES SHALL BE A MINIMUM OF 10 FEET FROM ANY DISPOSAL SYSTEM OR SEWERAGE PIPE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF WATER LINES LESS THAN 10 FEET FROM THE DISPOSAL AREA.
 - HIGH WATER ALARM SHALL BE LOCATED IN A NOTICEABLE LOCATION. THE ALARM SHALL BE A VISUAL AND AUDIBLE ALARM AND WIRED TO A SEPARATE CIRCUIT FROM THE PUMPS. ALL EXTERIOR CONTROLS AND CONNECTIONS SHALL BE ENCLOSED IN A WEATHER-PROOF HOUSING. ELECTRICAL CONSTRUCTION SHALL COMPLY WITH ALL LOCAL ELECTRICAL AND BUILDING CODES.
 - NO EXCAVATION IS PERMITTED NEAR THE DISPOSAL AREAS THAT WILL RESULT IN THE NONCOMPLIANCE OF APPLICABLE SETBACKS STATED IN THE RULES AND REGULATIONS OF THE APPROPRIATE AUTHORITY.
 - ONLY GOOD QUALITY SANDY LOAM SOILS BE APPLIED OVER THE DISPOSAL AREAS. CLAY, LOAM FLUNK ACCEPTABLE AND WILL CAUSE SYSTEM FAILURE. SANDY LOAM SHALL BE DEFINED AS SHOWN IN TABLE 18. USDA SOIL TEXTURAL CLASSIFICATION OF THE PIPES AND REGULATIONS OF THE TCEQ. THE INSTALLER IS RESPONSIBLE FOR VERIFYING THE QUALITY OF EACH LOAD OF LOAM PLACED ON THE SYSTEM.
 - STORM WATER (RAIN-FALL RUNOFF) SHOULD NOT BE ALLOWED TO FLOW OVER THE DISPOSAL AREAS OF THE TANKS. DIVERSION IN THE SHARLES SANDY SANDY CUTTERS SHOULD BE INSTALLED AS NECESSARY TO PREVENT SUCH RUNOFF.
 - THE CONTRACTOR IS RESPONSIBLE FOR STAKING AND VERIFYING THE LOCATIONS PRIOR TO EXCAVATION. ANY INCONGRUENCIES OF MORE THAN 6 INCHES SHALL BE REPORTED TO THE ENGINEER PRIOR TO EXCAVATION. THE CONTRACTOR SHALL NOT DEVIATE FROM THESE PLANS WITHOUT THE WRITTEN CONSENT OF THE APPROPRIATE AUTHORITY AND THE ENGINEER.
 - WATER SUMP TRENCH SHALL NOT BE CONNECTED TO THE SEPTIC TANK.
 - CONTRACTOR SHALL REPORT TO THE ENGINEER ANY ELEVATION DIFFERENCE GREATER THAN 4 FEET BETWEEN THE HIGHEST AND LOWEST TRENCH IN THE FIELD. THIS SHOULD BE CORRECTED PRIOR TO INSTALLING THE LATERALS AND MANHOLES.
 - THIS DISPOSAL SYSTEM HAS BEEN DESIGNED TO OPERATE PROPERLY AT SPECIFICATIONS NOTED IN THESE PLANS. ALTERATIONS TO THE SYSTEM BY THE OWNER, INCLUDING BUT NOT LIMITED TO LANDSCAPING, DRAINAGE, BUILDING ANCHOR WATER USAGE, MAY CAUSE PREMATURE FAILURE AND SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLUMBING FIXTURES ARE CONNECTED TO THE DESIGNATED SEPTIC TANKS. LOW FLOW TOILETS (1.8 GALLONS PER FLUSH) SHALL BE USED BY THE STRUCTURES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SITE SAFETY AND PROTECTION OF THE PUBLIC FROM BULKY DURING CONSTRUCTION. THE OWNER SHALL BE RESPONSIBLE FOR THE PRESENTATION OF PERSONAL BELONGINGS TO ANYONE ON OR NEAR THE DISPOSAL SYSTEM.
 - CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL TANKS HAVE ADEQUATE STRENGTH AND INTEGRITY TO PERFORM SATISFACTORILY AS SHOWN ON THESE PLANS.
 - THE MAXIMUM FLOW TO THE SEPTIC SYSTEM SHALL NOT EXCEED THE DESIGN FLOW SHOWN ON THIS PLAN.



WILLIAM TRAVIS

RECEIVED
 JUN 19 2019

1" = 40'

STATE OF TEXAS
 JOHN J. HAAG
 90158
 LICENSED PROFESSIONAL ENGINEER

H. J. Haag, P.E.

06/19/19

OSSF LAYOUT
LOT 268R, FLANDERS
LEGENDS AT RANCHO DEL LAGO, UNIT 3
FISCHER, TEXAS

NOTE: OSSF IS NOT WITHIN FEMA 100 YEAR FLOODPLAIN

OSSF IS NOT WITHIN THE EDWARDS AQUIFER RECHARGE ZONE

SITE EVALUATION BY JOHN J. HAAG, P.E. ON 03/25/19

DRAWN BY: JJH
CHECKED BY: JJH
DATE: 06/12/19
JOB NO: SA/R/19003

SHEET 1 OF 1

HAAG ENGINEERING CONSULTANTS

15831 SECRET TRAILS
 SAN ANTONIO, TEXAS 78247
 PHONE: F-5789

TEL: (210) 705-4268

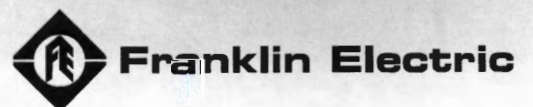
© COPYRIGHT 2018 HAAG ENGINEERING CONSULTANTS; ALL RIGHTS RESERVED

C1 SERIES

CISTERN PUMPS

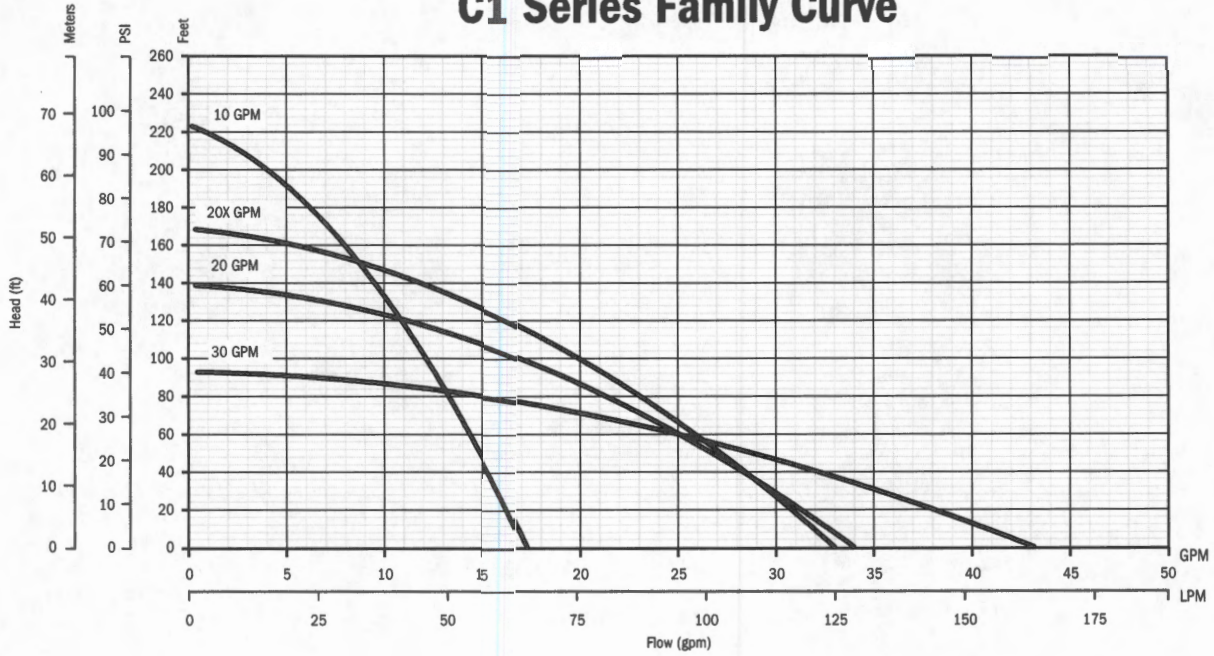
Designed for use in gray water / filtered effluent service applications, the C1 Series cistern pump provides high performance and long life in less than ideal water conditions. The C1 Series pump is able to pass solids up to 1/8" without having a negative effect on the internal hydraulic components.

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.



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, 1/2 hp motor
- Fluid flows of 10, 20, and 30 gpm, with a max shut-off pressure of over 110 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

RECEIVED

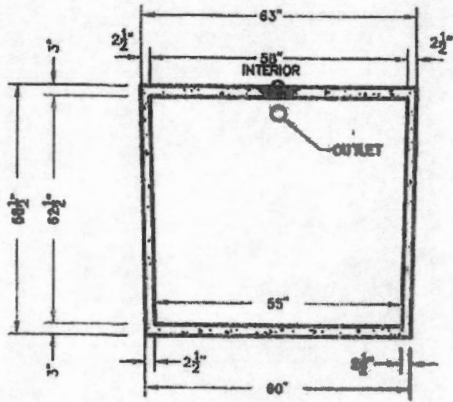
JUN 19 2019

COUNTY ENGINEER

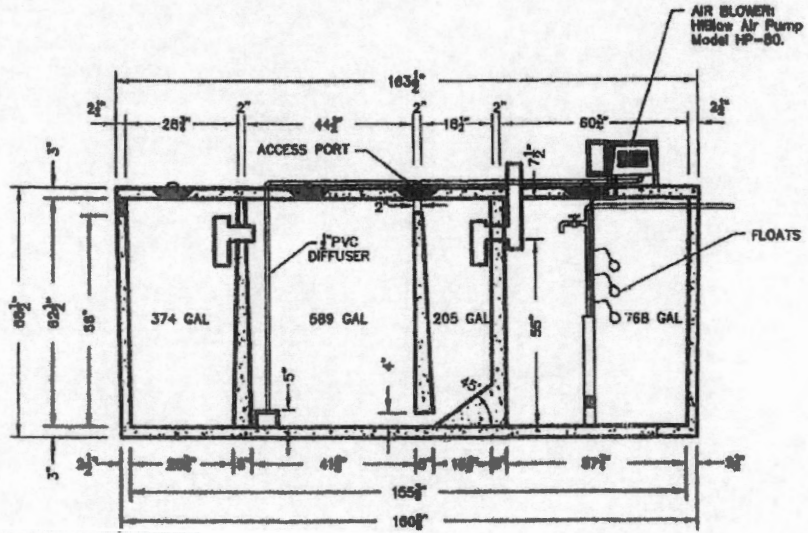
ORDERING INFORMATION

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	1/2	115	5	20C1-05P4-2W115	90302005	25	16
		230	5	20C1-05P4-2W230	90302010	25	16
20X	1/2	115	6	20XC1-05P4-2W115	90302015	26	17
		230	6	20XC1-05P4-2W230	90302020	26	17
30	1/2	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.



SECTION B-B



SECTION A-A

Pump float settings for min. 240 gpd design flow and min. 80 gal reserve:
 Pump off position: 12" above tank bott. (approx. 166 gal)
 Pump on position: 30" above tank bott. (approx. 419 gal)
 Alarm on position: 36" above tank bott. (approx. 502 gal)
 Approx. 265 gal. reserve at 55" above tank bott.

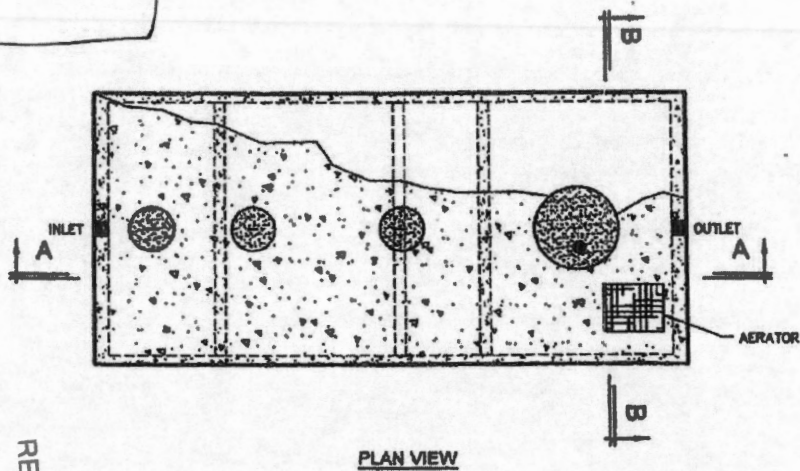


John J. Haag, P.E.
 01/29/19

COUNTY ENGINEER

JUN 19 2019

RECEIVED



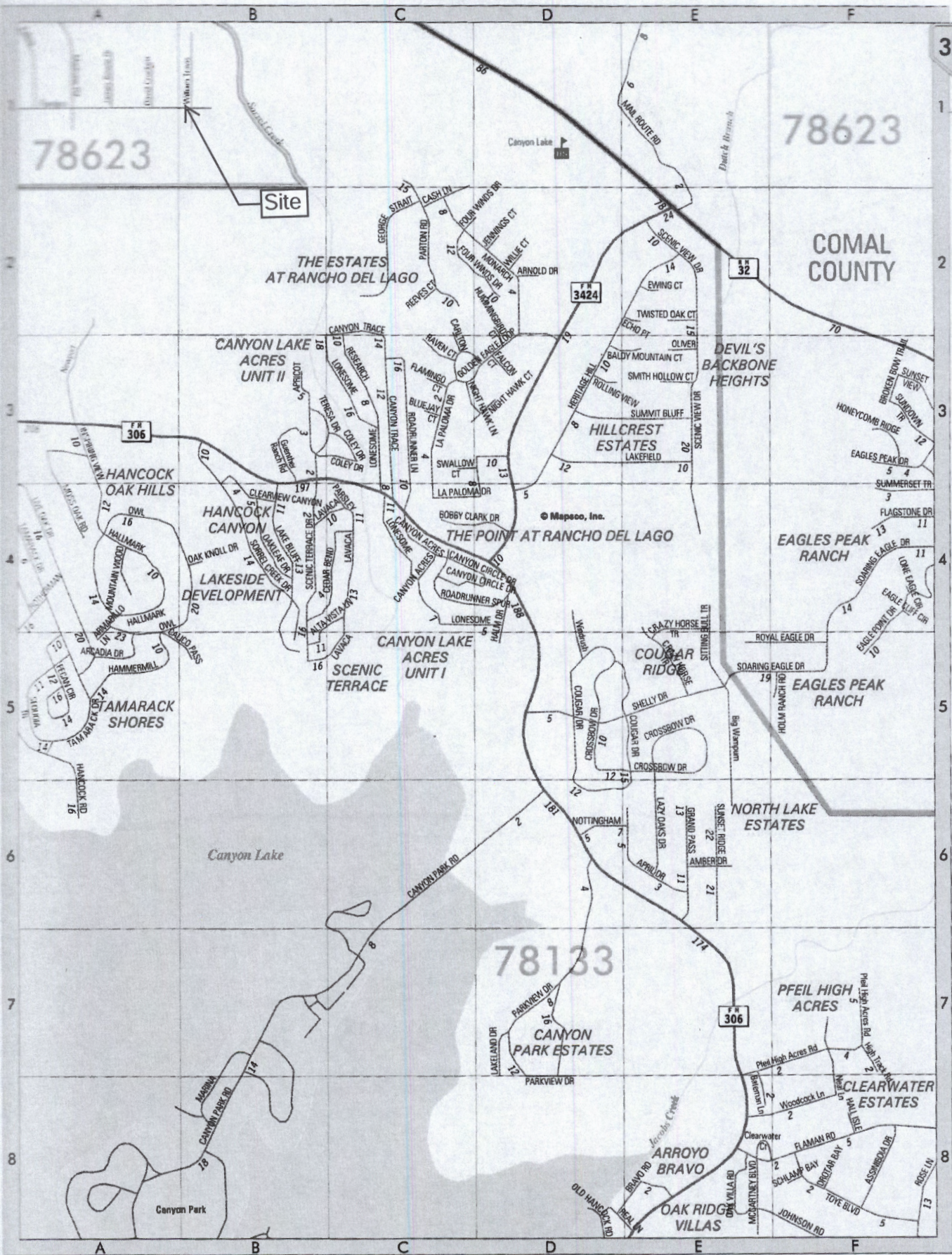
PLAN VIEW

DESIGNED BY	
CHECKED BY	
DATE	
SCALE	

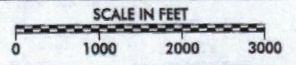
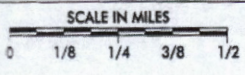
MODEL SA600-768PT
 SEWER TREATMENT SYSTEM

SOLAR AEROBIC
 6754 HWY 90 EAST
 LAKE CHARLES, LA 70615
 PHONE: (337) 439-0680

TREATMENT PLAN	
NO.	SA-3
DATE	JULY 2011



CONTINUED ON MAP 323



*** COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH ***
APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN
ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Date 06/06/19

VOID

Permit # 109291

Owner Name William J. Wright

Agent Name John J. Haag, P.E.

Mailing Address 257 E. Garza

Agent Address 15831 Secret Trail

City, State, Zip New Braunfels, Tx. 78130

City, State, Zip San Antonio, Tx. 78247

Phone # 512-696-4321

Phone # 210-705-4268

Email bigbud705@yahoo.com

Email jhaag@satx.rr.com

All correspondence should be sent to: Owner Agent Both Method: Mail Email

Subdivision Name Legends at Rancho del Lago Unit 3 Lot 268R Block _____

Acreage/Legal 2.02

Street Name/Address 415 Flanders City Fischer Zip 78623

Type of Development:

Single Family Residential

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

Number of Bedrooms 3

Indicate Sq Ft of Living Area 1810

Commercial or Institutional Facility

(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: \$ 225,000 (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

Are Water Saving Devices Being Utilized Within the Residence? Yes No

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.
- 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.

William J. Wright
Signature of Owner

6-17-19
Date

RECEIVED
JUN 19 2019

COUNTY ENGINEER

VOID

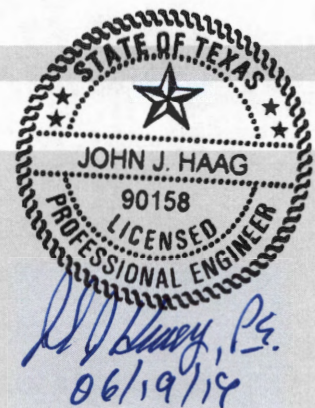
Aerobic With Surface Disposal

by Felix I. Bernal, P.E. (c) 2002 - 2013

VOID

SITE EVALUATION PERFORMED ON:

by John J. Haag, P.E.



Date: 06/19/19
 APPLICANT: William J. Wright
 MAILING ADDRESS:
 CITY, ST, ZIP
 CONTRACTOR
 SITE ADDRESS: 415 Flanders
 CITY, ST, ZIP Fischer, Texas 78623
 LEGAL DESCRIPTION: Lot 268R, Legends at Rancho del Lago 3
 WATER SOURCE: Public

SOIL TYPE 3 AT SLOPE OF <15% BEDROOMS 3 Sq. Ft. 1810
 Normally Required 300 GPD 300 GPD

WATER SAVING DEVICES? Y
 APPLICATION RATE = 0.064 GALLONS PER SQ. FT. PER DAY
 USAGE FLOW = 240 GALLONS PER DAY WHICH IS 80% OF 300 GPD
 SEPTIC TANK VOLUME = 750 GALLONS TWO COMPARTMENT TANK REQUIRED
 RESERVE CAPACITY = 80 (8 HOURS USAGE AFTER HIGH LEVEL ALARM)

AREA REQUIRED = 3,750 SQ. FT. OF ABSORPTION AREA OR 0.09 ACRES
WITHOUT WATER SAVING DEVICES 4,688 SQ. FT. OF ABSORPTION AREA OR 0.11 ACRES

Use a 600 GPD Treatment Plant Model SA600 by Solar Aerobic
 Nozzle # PSI (K-Rain ProPlus Low Angle Sprinkler Nozzle)
 3 30 PSI WITH A 29 FOOT RADIUS AND 3.0

GPM/ SPRINKLER WITH A TOTAL OF 6.0 GPM FOR THE SYSTEM

AREA COVERED BY PROPOSED SPRINKLER HEADS

LINEAR FEET OF DISTRIBUTION = 91.0 FT. OF 1 INCH SCH-40 PURPLE PIPE 150 C (HAZEN-WILLIAMS)
 SPACE BETWEEN SPRINKLER HEADS = 58 FT

WITH ANGLE OF DISTRIBUTION = 360 PER SPRINKLER = 2,642 sf
 OF ABSORPTION AREA

SPRINKLERS	LENGTH OF PIPE	Dist. Ang	Flow GPM	Q GPM	Hf ft of head	Area
2	33 FT	360	3	6.000	0.88	2642.0
1	58 FT	360	3	3.000	0.43	2642.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
0			0	0.000	0.00	0.0
SUM=	91 feet of pipe		6.000		1.31 ft of head	5284.0 sf

VOID

RECEIVED
 JUN 19 2019
 COUNTY ENGINEER

(Note: 0.4335= 62.424/144 for water at 39.2°F)

5284.0 sf Provided
 fittings factor 1.20
 1.57 ft of head
 Hf for Dist Line 2.429216 ft of head
 30.00 psi divided by 0.4335 = 69.20 ft of head
 elevation difference 5.00 ft of head
head required for sprinkling 78.21 ft of head
pressure required for sprinkling 33.90 psi

GENERAL NOTES:

- NO VEHICULAR TRAFFIC IS ALLOWED ON ANY PORTION OF THE DISPOSAL SYSTEM, UNLESS THE DESIGN SPECIFICS OTHERWISE.
- PIPE ALIGNMENT TO THE DISPOSAL BEDS MAY BE ALTERED AS REQUIRED. ANY CHANGE FROM THE PLANS MUST BE APPROVED BY THE ENGINEER AND THE APPROPRIATE GOVERNMENTAL AGENCY(IES).
- CONTRACTOR SHALL PROTECT TREES WHICH ARE NOT IN THE EXCAVATED CONSTRUCTION AREAS. CONTRACTOR SHALL MINIMIZE ROOT DAMAGE AND REASONABLY ADHERE TO THE DESIGN.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING A MINIMUM OF 1/4" PER FOOT OF FALL FROM THE BUILDING TO THE SEPTIC TANK.
- NO AUTOMATIC SPRINKLER SYSTEM SHALL BE INSTALLED OVER THE DISPOSAL AREAS. ANY WATERING IN THESE AREAS SHALL BE DONE BY HAND AND ONLY WHEN REQUIRED TO MAINTAIN GRASS COVER.
- ALL CONSTRUCTION SHALL CONFORM TO THE RULES AND REGULATIONS OF THE APPROPRIATE AUTHORITY - TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) AND ANY APPLICABLE LOCAL BUILDING AND SAFETY CODES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY THE CONSTRUCTION OF THIS SYSTEM.
- SPRAY APPLICATION AREAS SHALL BE COVERED WITH PERENNIAL GRASSES TO TAKE ADVANTAGE OF TRANSPiration. IF GRASSES ARE USED WHICH HAVE DORMANT PERIODS, STEPS SHOULD BE TAKEN TO PROVIDE SOME TYPE OF VEGETATION ON THE BEDS DURING THESE PERIODS.
- RECOMMENDED COVERAGE:
 - BERMUDA: 1 LB/1000 S.F.
 - RYE: 10 LB/1000 S.F.
 - OR ST. AUGUSTINE SOD
- SPRAY APPLICATION AREAS MUST BE MOWED AT REGULAR INTERVALS. FAILURE TO PROPERLY MAINTAIN VEGETATIVE COVER MAY RESULT IN SYSTEM FAILURE AND SHALL BE THE RESPONSIBILITY OF THE OWNER.
- ALL PIPES SHALL BE SCHEDULE 40 PVC OR APPROVED EQUAL, UNLESS NOTED OTHERWISE. ALL JOINTS SHALL BE CLEANED WITH THE APPROPRIATE SOLVENT AND GLEED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.
- ALL POTABLE WATER LINES SHALL BE A MINIMUM OF 10 FEET FROM ANY DISPOSAL SYSTEM OR SEWERAGE PIPE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF WATER LINES LESS THAN 10 FEET FROM THE DISPOSAL AREA.
- HIGH WATER ALARM SHALL BE LOCATED IN A NOTICEABLE LOCATION. THE ALARM SHALL BE A VISUAL AND AUDIBLE ALARM AND WIRED ON A SEPARATE CIRCUIT FROM THE PUMPS. ALL EXTERIOR CONTROLS AND CONNECTIONS SHALL BE ENCLOSED IN A WEATHER-PROOF HOUSING. ELECTRICAL CONSTRUCTION SHALL COMPLY WITH ALL LOCAL ELECTRICAL AND BUILDING CODES.
- NO EXCAVATION IS PERMITTED NEAR THE DISPOSAL AREAS THAT WILL RESULT IN THE NONCOMPLIANCE OF APPLICABLE SETBACKS STATED IN THE RULES AND REGULATIONS OF THE APPROPRIATE AUTHORITY.
- ONLY GOOD QUALITY SANDY LOAM SHALL BE APPLIED OVER THE DISPOSAL AREAS. CLAY LOAM IS UNACCEPTABLE AND WILL CAUSE SYSTEM FAILURE. SANDY LOAM SHALL BE DEFINED AS SHOWN IN TABLE VI (USDA SOIL TEXTURAL CLASSIFICATIONS) OF THE RULES AND REGULATIONS OF THE TCEQ. THE INSTALLER IS RESPONSIBLE FOR VERIFYING THE QUALITY OF EACH LOAD OF LOAM PLACED ON THE SYSTEM.
- STORM WATER (RAINFALL RUNOFF) SHOULD NOT BE ALLOWED TO FLOW OVER THE DISPOSAL FIELDS OR THE TANKS. DIVERSION BERMS, SWALES AND/OR RAIN GUTTERS SHOULD BE INSTALLED AS NECESSARY TO PREVENT SUCH RUNOFF.
- THE CONTRACTOR IS RESPONSIBLE FOR STAKING AND VERIFYING THE GRADES PRIOR TO EXCAVATION. ANY DISCREPANCIES OF MORE THAN 8 INCHES SHALL BE REPORTED TO THE ENGINEER PRIOR TO EXCAVATION. THE CONTRACTOR SHALL NOT DEVIATE FROM THESE PLANS WITHOUT THE WRITTEN CONSENT OF THE APPROPRIATE AUTHORITY AND THE ENGINEER.
- WATER SOFTENER SHALL NOT BE CONNECTED TO THE SEPTIC TANK.
- CONTRACTOR SHALL REPORT TO THE ENGINEER ANY ELEVATION DIFFERENCES GREATER THAN 4 FEET BETWEEN THE HIGHEST AND LOWEST TRENCH IN THE FIELD. THIS SHOULD BE CHECKED PRIOR TO INSTALLING THE LATERALS AND MANIFOLD.
- THIS DISPOSAL SYSTEM HAS BEEN DESIGNED TO OPERATE PROPERLY AT SPECIFICATIONS NOTED IN THESE PLANS. ALTERATIONS TO THE SYSTEM BY THE OWNER, INCLUDING BUT NOT LIMITED TO LANDSCAPING, DRAINAGE, BUILDING AND/OR WATER USAGE, MAY CAUSE PREMATURE FAILURE AND SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLUMBING FIXTURES ARE CONNECTED TO THE DESIGNATED SEPTIC TANK(S). LOW FLOW TOILETS (1.6 GAL), SHOWERHEADS AND FAUCETS SHALL BE USED IN THE STRUCTURES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR JOBSITE SAFETY AND PROTECTION OF THE PUBLIC FROM INJURY DURING CONSTRUCTION. THE OWNER SHALL BE RESPONSIBLE FOR THE PREVENTION OF PERSONAL INJURY TO ANYONE ON OR NEAR THE DISPOSAL SYSTEM.
- CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL TANKS HAVE ADEQUATE STRENGTH AND INTEGRITY TO PERFORM SATISFACTORILY AS SHOWN ON THESE PLANS.
- THE WASTEWATER FLOW TO THE SEPTIC SYSTEM SHALL NOT EXCEED THE DESIGN FLOW SHOWN ON THIS PLAN.

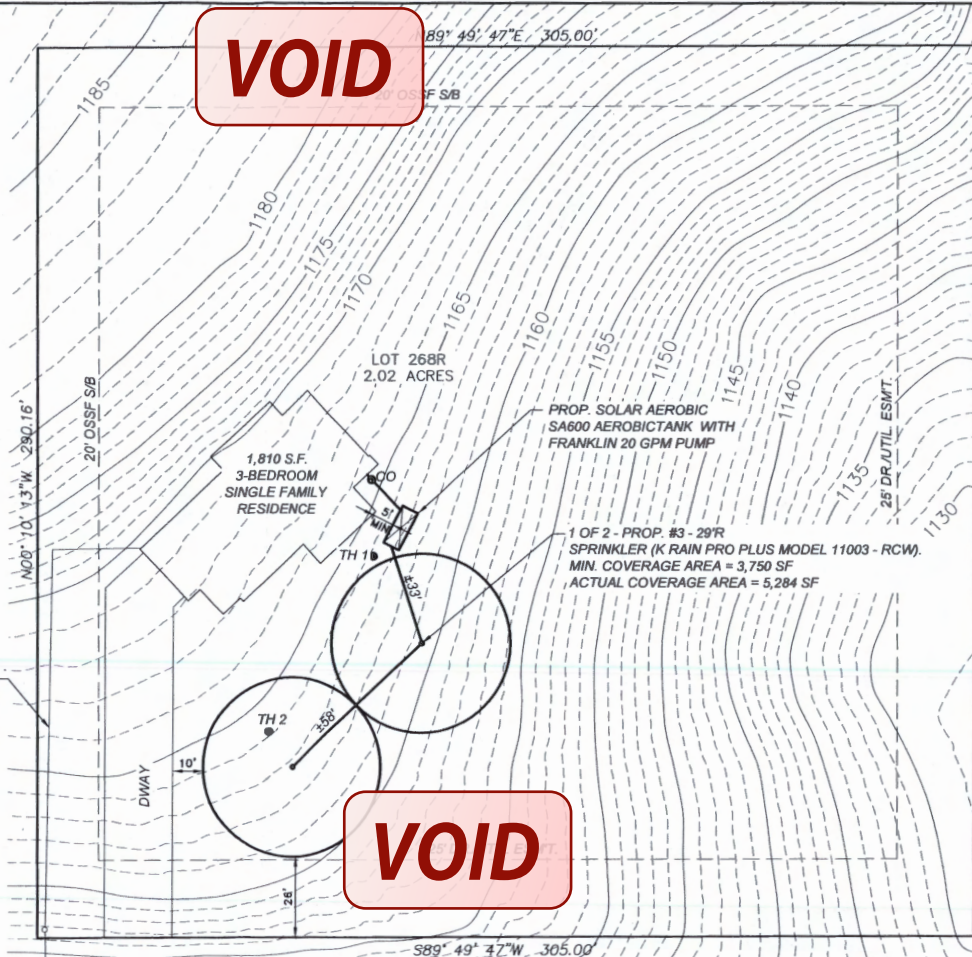
ASSUMED LOCATION OF WATER SERVICE-METERLINE ALIGNMENT. NOTE: WATER SERVICE LINE SHALL BE SLEEVED WITH SCH. 40 PVC WHEREVER IT IS 10' OR CLOSER TO PROPOSED OSSF DISPOSAL AREA LIMITS AND/OR ANY SYSTEM COMPONENT(S). EXTEND PVC SLEEVING 10' MIN. BEYOND EACH SIDE OF OSSF DISPOSAL AREA LIMITS AND/OR SYSTEM COMPONENTS.

SLOPE NOTE:

INSTALLER SHALL CUT OR FILL EXIST. GROUND WITHIN SPRAY DISPOSAL LIMITS SO THAT TOP OF FINISHED GROUND SLOPES WITHIN SAID LIMITS DO NOT EXCEED 15%.

VOID

VOID



ADD'L. NOTES:

- SPRINKLER OPERATION SHALL BE TIMED TO DOSE BETWEEN MIDNIGHT AND 5:00 a.m.
- DESIGN DAILY WASTEWATER FLOW = 340 GPD (WATER SAVING DEVICES WERE ASSUMED FOR SEPTIC SYSTEM DESIGN).
- TOPOGRAPHIC DATA SOURCE: FEMA 2011 DATA
- THE OSSF INSTALLER SHALL FIELD VERIFY ALL PROPERTY LINE LOCATIONS THAT THIS DESIGN REFERENCES PRIOR TO ANY OSSF INSTALLATIONS.

NOTE: OSSF IS NOT WITHIN FEMA 100 YEAR FLOODPLAIN.
 OSSF IS NOT WITHIN THE EDWARDS AQUIFER RECHARGE ZONE.
 SITE EVALUATION BY JOHN J. HAAG, P.E. ON 03/28/19

DRAWN BY: JJJ
 CHECKED BY: JJJ
 DATE: 06/12/19
 JOB NO. BARR19008

SHEET 1 OF 1

**OSSF LAYOUT
 LOT 268R, FLANDERS
 LEGENDS AT RANCHO DEL LAGO, UNIT 3
 FISCHER, TEXAS**

HAAG ENGINEERING CONSULTANTS
 15831 SECRET TRAILS
 SAN ANTONIO, TEXAS 78247
 FIRM: F-5789
 © COPYRIGHT 2019 HAAG ENGINEERING CONSULTANTS; ALL RIGHTS RESERVED

TEL: (210) 705-4268



J.J. Haag, P.E.
 06/12/19

RECEIVED
 JUN 19 2019
 COUNTY ENGINEER

WILLIAM TRAVIS

TTT/GR# 4042/Closer NE/S
NE

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

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

THAT ROLAND SOTELO, SR. and wife, DENISE SOTELO, hereinafter called Grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) cash and other good and valuable consideration in hand paid by **WILLIAM J. WRIGHT** and wife, **SUSAN C. WRIGHT**, hereinafter called Grantee, the receipt and sufficiency of which is hereby acknowledged;

HAS GRANTED, SOLD and CONVEYED, and by these presents does GRANT, SELL and CONVEY unto the said Grantee the following described property situated in Comal County, Texas, to-wit:

Lots 268 and 269, THE LEGENDS OF RANCHO DEL LAGO, UNIT 3, a subdivision in Comal County, Texas, according to the plat recorded in Volume 14, Pages 381-383, Map and Plat Records, Comal County, Texas.

This conveyance is made subject to, all and singular, the restrictions, conditions, easements and covenants, if any, applicable to and enforceable against the above described property as reflected by the records of the County Clerk of Comal County, Texas.

Taxes for the current year have been prorated and are thereafter assumed by Grantee.

TO HAVE AND TO HOLD the above described premises, together with, all and singular, the rights and appurtenances thereto in anywise belonging unto the said Grantee, Grantee's heirs, executors, administrators, successors, or assigns forever.

RECEIVED
JUN 19 2019
COUNTY ENGINEER


Ritzen, Brenda

From: Ritzen, Brenda
Sent: Friday, June 21, 2019 1:06 PM
To: 'bigbud705@yahoo.com'
Cc: 'jhaag@satx.rr.com'
Subject: Permit 109291
Attachments: Page from 109291.pdf

Re: William J. Wright
The Legends Of Rancho Del Lago Unit 3 Lot 268R
Application for Permit for Authorization to Construct an On-Site Sewage Facility

Dear property owner & agent,

The following information is needed before I can continue processing the referenced permit submittal:

-  The owner name(s) on the permit application must match the owner name(s) as described on the recorded warranty deed.
2. Revise application as needed and resubmit.

Thank you,

Brenda Ritzen, OS0007722
Environmental Health Coordinator
Comal County Engineers Office
195 David Jonas Drive
New Braunfels, Texas 78132
830-608-2090
www.cceo.org

Grantor does hereby bind Grantor, Grantor's heirs, executors, administrators, and successors to warrant and forever defend, all and singular, the said premises unto the said Grantee, Grantee's heirs, executors, administrators, successors, and assigns against any person whomsoever claiming or to claim the same or any part thereof.

DATED this the 27 day of March, 2017.

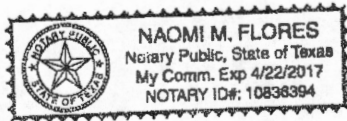
Roland Sotelo Sr.
ROLAND SOTELO, SR.

Denise Sotelo
DENISE SOTELO

STATE OF TEXAS
COUNTY OF COMAL

§
§

This instrument was acknowledged before me on this the 27 day of March, 2017, by ROLAND SOTELO, SR. and wife, DENISE SOTELO.



Naomi M. Flores
Notary Public, State of Texas

GRANTEE'S MAILING ADDRESS:

17811 Linkview Dr.
Dripping Springs, Tx 78620

8096.deeds
Trinity Title Co. (BG)
GF #4042 NB

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
03/27/2017 04:05:16 PM
TERRI 2 Pages(s)
201706014566



Bobbie Koepf

A/c



201706051120 11/21/2017 09:43:47 AM 1/4

AMENDMENT TO PLAT

OWNER(S) (as shown on deed(s)): William J. Wright and wife Susan C. Wright
MAILING ADDRESS: 17011 Linkview Dr, Dripping Springs, Tx 78620

LEGAL DESCRIPTION OF PROPERTY:

NAME OF RECORDED SUBDIVISION PLAT (& UNIT NUMBER, if any): Legends @ Rancho Del Lago
Unit 3

COMAL COUNTY MAP & PLAT RECORDS VOLUME: 245 PAGE: 827 (or) DOC# 200406014499
LOTS OR TRACTS TO BE COMBINED: 268 & 269 RESULTING LOT #: 268R

The signatures affixed below will certify that the owner of the described property hereby amends the plat of the property so as to combine the referenced lots or tracts into a single lot or tract. The property owner acknowledges that this Amendment to Plat may not dissolve or alter any existing easements or other property interests that may exist within the boundaries of this property, and that obtaining release or permission from any owner or beneficiary of easement(s) or other property interest(s) affected by this process shall be the responsibility of the property owner. The owner also certifies that any and all lienholders have acknowledged this Amendment to Plat as per the attached Lienholder Acknowledgment(s), if applicable.

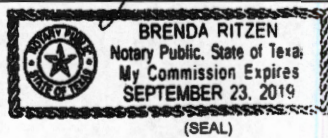
RECEIVED
NOV 14 2017
COMAL COUNTY ENGINEER

William J. Wright
OWNER SIGNATURE
William J. Wright
NAME PRINTED (& title, if applicable)

Susan C. Wright
OWNER SIGNATURE
Susan C. Wright
NAME PRINTED (& title, if applicable)

STATE OF Texas
COUNTY OF Comal

SWORN TO AND SUBSCRIBED before me by William J. Wright & Susan C. Wright
on the 14th day of November, 2017



Brenda Ritzen
NOTARY PUBLIC

APPROVED BY COMMISSIONERS COURT on the 21st day
of November, 2017

[Signature]
COUNTY JUDGE

ATTEST: Bobbie Koepf
COUNTY CLERK



Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
11/21/2017 09:43:47 AM
CASHFOUR 4 Page(s)
201706051120

Bobbie Koepf

Rev. Aug. 2015

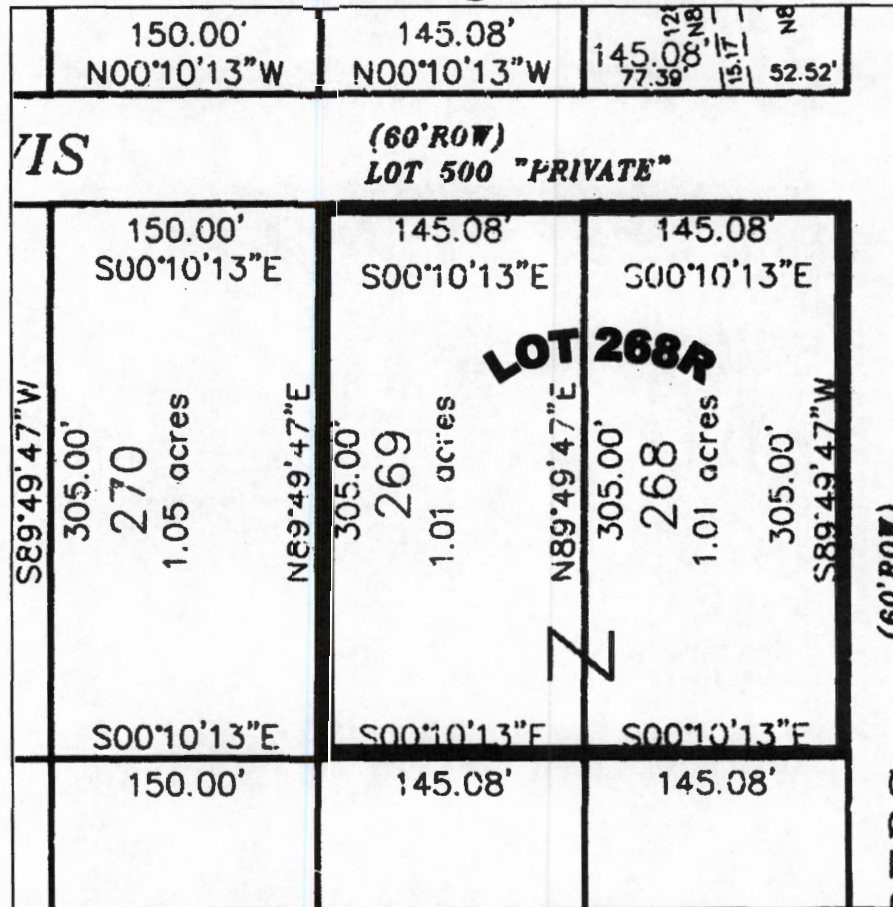
RECEIVED
JUN 19 2019
COUNTY ENGINEER

Amendment to Plat

THE LEGENDS AT RANCHO DEL LAGO, UNIT 3

(Document #200406014499, Map and Plat Records, Comal County, Texas)

Combining Lots 268 and 269 Establishing Lot 268R



RECEIVED
JUN 19 2019

COUNTY ENGINEER

Please refer to the recorded subdivision plat, *The Legends at Rancho Del Lago, Unit 3* (Document #200406014499, Map and Plat Records, Comal County, Texas), for original lot dimensions and further information.

ROCKY RIDGE SEPTIC

AEROBIC SERVICE AND INSPECTION FORM

1. Actual date of test: 11-02-19
2. System inspection: Property Owner: WRIGHT
 Property address: 415 FLANDERS
 Permit number: 109891
 Person Performing Inspection: D BARKER
 Signature: [Signature]

Scheduled Insp. Service Order, Repair, Other

All access ports secured: Yes No

<u>Inspected Item</u>	<u>Operational</u>	<u>Nonoperational</u>
Aerators	—	
Filters	—	
Irrigation Pumps	—	
Disinfection Device	✓	
Chlorine Supply	<u>OK</u>	
Electrical Circuits	—	
Distribution System	—	
Spray field	—	
Other as noted	—	

3. Repairs to system: _____

4. Tests required and results:

<u>Test</u>	<u>Required Yes-No</u>	<u>Result</u>
BOD	—	
TSS	—	
Cl1	—	0.1
Fecal Coli form	—	

5. General comments:

ROCKY RIDGE SEPTIC

AEROBIC SERVICE AND INSPECTION FORM

1. Actual date of test: 3-9-20
2. System inspection: Property Owner: WALTON
 Property address: 415 Flanders
 Permit number: 109291
 Person Performing Inspection: L L9000
 Signature: [Signature]

Scheduled Insp. Service Order, Repair, Other

All access ports secured: Yes No

<u>Inspected Item</u>	<u>Operational</u>	<u>Nonoperational</u>
Aerators	—	
Filters	—	
Irrigation Pumps	—	
Disinfection Device	—	
Chlorine Supply	OK	
Electrical Circuits	—	
Distribution System	—	
Spray field	—	
Other as noted		

3. Repairs to system: _____

4. Tests required and results:

<u>Test</u>	<u>Required</u> Yes-No	<u>Result</u>
BOD	—	
TSS	—	
Cl1	—	
Fecal Coli form	—	0.1

5. General comments:

ROCKY RIDGE SEPTIC

AEROBIC SERVICE AND INSPECTION FORM

1. Actual date of test: 7-23-20
2. System inspection: Property Owner: WRIGHT
 Property address: 415 FLANDERS
 Permit number: 109291
 Person Performing Inspection: L L GARD
 Signature: [Signature]

Scheduled Insp. Service Order, Repair, Other

All access ports secured: Yes No

<u>Inspected Item</u>	<u>Operational</u>	<u>Nonoperational</u>
Aerators	✓	
Filters	—	
Irrigation Pumps	—	
Disinfection Device	—	
Chlorine Supply	OC	
Electrical Circuits	—	
Distribution System	—	
Spray field	—	
Other as noted		

3. Repairs to system: _____

4. Tests required and results:

<u>Test</u>	<u>Required</u> Yes-No	<u>Result</u>
BOD	✓	
TSS	—	
Cl1	—	0.1
Fecal Coli form	—	

5. General comments:

ROCKY RIDGE SEPTIC

AEROBIC SERVICE AND INSPECTION FORM

1. Actual date of test: 12-1-20

2. System inspection: Property Owner: WRIGHT
 Property address: 415 FLANDERS
 Permit number: 109291
 Person Performing Inspection: L LEPPO
 Signature: [Signature]

Scheduled Insp. Service Order, Repair, Other

All access ports secured: Yes No

<u>Inspected Item</u>	<u>Operational</u>	<u>Nonoperational</u>
Aerators	—	
Filters	—	
Irrigation Pumps	—	
Disinfection Device	—	
Chlorine Supply	—	
Electrical Circuits	<u>OK</u>	
Distribution System	—	
Spray field	—	
Other as noted		

3. Repairs to system: _____

4. Tests required and results:

<u>Test</u>	<u>Required</u> Yes-No	<u>Result</u>
BOD	—	
TSS	—	
Cl1	—	0.1
Fecal Coli form	—	

5. General comments:

ROCKY RIDGE SEPTIC

AEROBIC SERVICE AND INSPECTION FORM

1. Actual date of test: 3-5-21
2. System Inspection: Property Owner: WRIGHT
 Property address: 415 FLANDERS
 Permit number: 109291
 Person Performing Inspection: LEDDO
 Signature: [Signature]

Scheduled Insp. Service Order, Repair, Other

All access ports secured: Yes No

<u>Inspected Item</u>	<u>Operational</u>	<u>Nonoperational</u>
Aerators	—	
Filters	—	
Irrigation Pumps	—	
Disinfection Device	—	
Chlorine Supply	<u>OK</u>	
Electrical Circuits	—	
Distribution System	—	
Spray field	—	
Other as noted		

3. Repairs to system: _____

4. Tests required and results:

<u>Test</u>	<u>Required</u> <u>Yes-No</u>	<u>Result</u>
BOD	—	
TSS	—	
Cl1	—	<u>0.1</u>
Fecal Coli form	—	

5. General comments:

WORK ORDER

Aerobic Services of South Texas
15188 FM 306
Canyon Lake, TX 78133
(830) 964-2365
www.aerobicservices.com



Customer ID		Scheduled		Serviced	
174171		8/31/22		8/31/22	
Customer Name and SITE Address			Contact		Customer Email Address
Sandra & Charles Wolff 415 Flanders Dr. Fischer, TX Mailing: 415 Flanders Dr., Fischer TX 78623			Sandra & Charles Wolff		sandyswolff@yahoo.com
			Main Phone		Secondary Phone
			(512) 751-7083		
System Permit #		Brand of System			
109291		SA 600			
Work Order Type		Assigned Technician		HEALTH DEPT	
Real Estate Inspection		Jeff		CCEH	
DESCRIPTION OF THE WORK ORDER (REASON OF CALL)					
Real Estate Inspection- Design is in documents. CC on file					
RESULTS OF THE WORK ORDER					
Performed real estate inspection.					
DIRECTIONS OR INSTRUCTIONS TO THE TECHNICIAN					

gnab

Date: 8/31/22

Customer's Signature

Employee's Signature

Aerobic Services of South Texas
15188 FM 306
Canyon Lake, TX 78133



(830) 964-2365
Fax: (830) 964-2659
www.aerobicservices.com

To: Sandra & Charles Wolff
415 Flanders Dr.
Fischer, TX 78623
Agency: Comal
County: Comal
Permit No: 109291

Tech: Jeff
Phone: (512) 751-7083 Date: 2022-08-31
Alt Ph: _____ Service Due: _____

Inspection Type: Real Estate

Item	Operational	Inoperative	N/A	
Aerator:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Air Pressure: 64
Irrigation pump:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Air compressor:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Disinfection device:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Chlorine supply:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Spray field vegetation:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sprinkler / Drip backwash:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Controls / Electric Circuits:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Test Results and observations: (As Required)

Chlorine Residual: .33
Test Method: DPD
BOD: _____
TSS: _____
Access Ports Secured: Yes [X] / NO []
Repairs Made: Yes [] / NO [X]

Mixed Liquor Aeration: 42
Sludge Levels
Clarifier: 24
Pump: 1

Repairs and Comments:
Head closest to system does not rotate and needs to be replaced. Chlorinator needs attention, please add bleach. Moderate to heavy sludge build up in clarifier. Design on file appears to be correct.

John

Inspector: _____ Date: 2022-08-31

Tom Hampton VP
MP349/OS24597