



COMAL COUNTY

ENGINEER'S OFFICE

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: 06/17/2020 Permit Number: 110539

Location Description: 1115 CEDAR BEND
CANYON LAKE, TX 78133

Subdivision: Scenic Terrace
Unit: 1
Lot: 33
Block: 3
Acreage:

Type of System: Aerobic
Drip Irrigation

Issued to: Construction by Design, Inc. dba Jeff Walne Homes

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

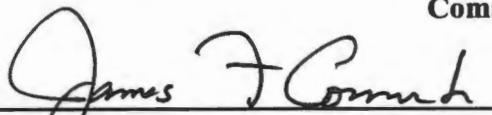
may require a new permit. **It is the responsibility of the owner to apply for a new permit, if applicable.**

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: Countryside OSSF Installer #: OS0002929
 1st Inspection Date: 5/14/20 2nd Inspection Date: 6/4/20 3rd Inspection Date: 06-05-2020 6/17/20
 Inspector Name: CONNOR Inspector Name: Connor Inspector Name: B. Olvera Connor
 Permit#: 110539 Address: Scenic Terrace 1115 Cedar Bend

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	X	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)		X		
2	SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback Distances Meet Minimum Standards	X	285.91(10) 285.30(b)(4) 285.31(d)		X		
3	SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, SDR 26)	X	285.32(a)(1)		X		
4	SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per Foot	X	285.32(a)(3)		X		
5	SEWER PIPE Two Way Sanitary - Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 degree bends)	X	285.32(a)(5)		X		
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)				

TANK SET. LEVEL. NO LEAKS. Cover.

6/4/20 drip field only partial working. fails

06-05-2020 BMO: Ready for Cover

6/17/20 JC covered

**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	X	285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)		X		
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	X			X		
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	X X		Clearstream 600NC3T	X X		
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	X	285.33(c)(3)(A)-(F)		X		
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)				
25	DRAINFIELD Absorptive Drainline 3" PVC or 4" PVC						
26	DRAINFIELD Area Installed						
27	DRAINFIELD Level to within 1 inch per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
28	DRAINFIELD Excavation Width DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation DRAINFIELD Depth of Porous Media DRAINFIELD Type of Porous Media						
29	DRAINFIELD Pipe and Gravel - Geotextile Fabric in Place		285.33(b)(1)(E)				
30	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End Plates w/Splash Plate, Inspection Port & Closed End Plates in Place (per manufacturers spec.)		285.33(c)(2)				
31	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length & Width, and Adequate Separation Distance between Trenches		285.33(d)(1)(C)(i)				

**Comal County Environmental Health
OSSF Inspection Sheet**

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart		285.33(b)(3)(A) 285.33(b)(3)(A) 285.33(b)(3)(B) 285.91(13) 285.33(b)(3)(D) 285.33(b)(3)(F)				
33	AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.		285.32(c)(1)				06-05-20
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)				06-05-20
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	X	285.33(d)(2)(G)(i) 285.33(d)(2)(A) 285.33(d)(2)(F)				x (final
42	APPLICATION AREA Area Installed	X			X		
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: 110539
Issued This Date: 03/23/2020
This permit is hereby given to: Construction by Design, Inc. dba Jeff Walne Homes

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

1115 CEDAR BEND
CANYON LAKE, TX 78133

Subdivision: Scenic Terrace
Unit: 1
Lot: 33
Block: 3
Acreage:

APPROVED MINIMUM SIZES AS PER ATTACHED DESIGN

Type of System: Aerobic
Drip Irrigation

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

Call (830) 608-2090 to schedule inspections.



COMAL COUNTY
ENGINEER'S OFFICE

**OSSF DEVELOPMENT APPLICATION
CHECKLIST**

Staff will complete shaded items

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

Instructions:

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

OSSF Permit

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

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

Signature of Applicant

03/17/2020

Date

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

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

*** COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH ***

APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE

Date November 8, 2019 Permit # 110539 CONSTRUCTION BY DESIGN, INC dba JEFF

Owner Name WALNE HOMES Agent Name GREG W. JOHNSON, P.E. Mailing Address 614 S BUSINESS IH 35 SUITE C Agent Address 170 HOLLOW OAK City, State, Zip NEW BRAUNFELS TEXAS 78130 City, State, Zip NEW BRAUNFELS, TX 78132 Phone# 830-708-4288 Phone # (830) 905-2778 Email jwalne@earthlink.net Email gregjohnsonpe@yahoo.com

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

Subdivision Name SCENIC TERRACE Unit/Phase/Section SEC 1 Lot 33 Block 3

Acreage/Legal

Street Name/Address 1115 CEDAR BEND City CANYON LAKE Zip 78133

RECEIVED

Type of Development:

MAR 17 2020

[X] Single Family Residential Type of Construction (House, Mobile, RV, Etc.) HOUSE COUNTY ENGINEER Number of Bedrooms 3 Indicate Sq Ft of Living Area 1566

[] Non-Single Family Residential (Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area) Type of Facility Offices, Factories, Churches, Schools, Parks, Etc. - Indicate Number Of Occupants Restaurants, Lounges, Theaters - Indicate Number of Seats Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds Travel Trailer/RV Parks - Indicate Number of Spaces Miscellaneous

Estimated Cost of Construction: \$ 175,000 (Structure Only)

Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement? [] Yes [X] No (if yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)

Source of Water [X] Public [] Private Well Are Water Saving Devices Being Utilized Within the Residence? [X] 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 also understand that a permit of authorization to construct will not be issued until the Floodplain Administrator has performed the reviews required by the Comal County Flood Damage Prevention Order. - I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Owner

Date 3/11/2020

*** 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 GREG W. JOHNSON, P.E.

System Description PROPRIETARY; AEROBIC TREATMENT AND DRIP TUBING

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

Tank Size(s) (Gallons) CLEARSTREAM 600NC3T Absorption/Application Area (Sq Ft) 2000

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 [X] 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 [X] 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 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.)

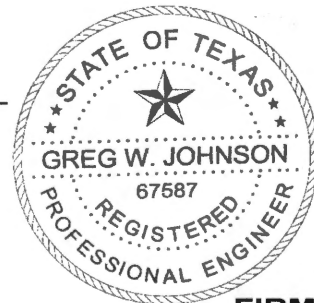
Is the property located over the Edwards Contributing Zone? [X] Yes [] No

Is there an existing TCEQ approval CZP for the property? [] Yes [X] No
(if yes, the P.E. or R.S. shall certify that the OSSF design complies with all provisions of the existing CZP)

Is there is no existing CZP, does the proposed development activity require a TCEQ approved CZP? [] Yes [X] No
(if yes, the P.E. or R.S. shall certify that the OSSF design will comply with all provisions of the proposed CZP. A Permit to construct will not be issued for the proposed OSSF until the CZP has been approved by the appropriate regional office.)

Is this property within an incorporated city? [] Yes [X] No

If yes, indicate the city:



FIRM #2585

By signing this application, I certify that:

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

Signature of Designer

Date November 13, 2019

RECEIVED MAR 17 2020 COUNTY ENGINEER

AFFIDAVIT



202006010258 03/17/2020 11:03:42 AM 1/1

THE COUNTY OF COMAL
STATE OF TEXAS

Handwritten initials

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.

RECEIVED

MAR 17 2020

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):

COUNTY ENGINEER

1 UNIT/PHASE/SECTION 3 BLOCK 33 LOT SCENIC TERRACE SUBDIVISION

IF NOT IN SUBDIVISION: _____ ACREAGE _____ SURVEY

The property is owned by (insert owner's full name): CONSTRUCTION BY DESIGN, INC. dba Jeff Walne Homes

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 13 DAY OF March, 20~~19~~²⁰ *KH*

[Signature]
Owner(s) Signature(s)

JEFF WALNE - MANAGER
Owner (s) Printed name (s)

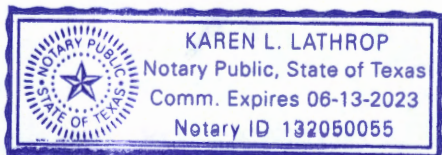
JEFF WALNE
March, 20~~19~~²⁰

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 13 DAY OF

[Signature]
Notary Public Signature

THIS AREA FOR COMAL COUNTY CLERK RECORDING PURPOSES ONLY

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
03/17/2020 11:03:42 AM
TERRI 1 Page(s)
202006010258



(Notary Seal Here)



Bobbie Koepf

Countryside Construction, Inc.
300 Chapman Parkway, Canyon Lake, TX. 78133
Phone: 830-899-2615 or 1-888-379-3721 Fax: 830-899-6662
Septic System Service Agreement

In consideration of payment for this service contract, we will abide by and agree to its terms and conditions:

Name: CONSTRUCTION BY DESIGN, INC. Address: 1115 CEDAR BEND
Sub-Div./County: SCENIC TERRACE / COMAL City, State-Zip: CANYON LAKE, TX 78133
Permit #: _____ Model #: CLEARSTREAM 600NC3T Serial #: _____
Phone #: 830-708-4288

(X) Initial Two Year Service Agreement & Two Year Limited Warranty () One Year Service Agreement

The effective date of this initial maintenance contract shall be the date the License to Operate is issued.

Legal Description: SCENIC TERRACE, SECTION 1, BLOCK 3, LOT 33

RECEIVED

MAR 17 2020

This contract will be in effect FROM LTO TO _____ and will provide the following:

COUNTY ENGINEER

- A: An inspection/service call every (4) four months which will include: inspection, adjustments and servicing of the mechanical & electrical components as necessary to insure proper function of the system.
- B: An effluent quality inspection consisting of a visual check for color, turbidity, scum, overflow and odor.
- C: The property owner is responsible for "purchasing and keeping chlorine" in the chlorinator, (if applicable). If the chlorine test reveals "No Chlorine" in the system, the property owner may incur an additional cost.
- D: If any improper operation is observed (which cannot be corrected at that time) the property owner will be notified immediately of the conditions and the estimated cost.
- E: The response time to a complaint by the property owner regarding operation of the system, shall be within "48 hours," from the time of notification.
- F: ANY PARTS, WARRANTY OR NON-WARRANTY, OR FREIGHT CHARGES, LABOR OR SERVICE CALLS DUE NOT PAID FOR REMAIN THE PROPERTY OF COUNTRYSIDE CONSTRUCTION AND COULD RESULT IN REPOSSION OF PARTS BY COUNTRYSIDE CONSTRUCTION.
- G: THE SIGNING OF THIS SERVICE AGREEMENT AUTHORIZES COUNTRYSIDE CONSTRUCTION TO ENTER THE PROPERTY TO EXECUTE ALL TERMS OF THIS CONTRACT.

Countryside Construction, Inc., will warranty installation of the septic system to be according to state and county regulations and the designs approved by the county. **HOMEOWNER WILL BE RESPONSIBLE FOR SERVICE CALLS, LABOR AND SHIPPING COSTS ON ANY "WARRANTED PARTS" EXCHANGED DURING WARRANTY.** All other components will be according to manufacture's warranties.

Important: As Countryside Construction, Inc. cannot control what or how much effluent goes into this septic system, we cannot warranty how the system will function. Refer to manufacturers or installer's instructions, for suggestions on septic operation. This service agreement does not cover the cost of "Service Calls, Labor or Materials that are required or parts out of warranty, the failure to maintain electrical power to the system, sprinklers that are broken, leaking, stopped-up or otherwise mal-functioning; or sewage flows exceeding the hydraulic/organic design capabilities and the input of non-biodegradable materials (solvents, grease, oil, paints, etc.), or any usage contrary to the requirements as advised by authorized service representative. Laboratory test work is available at an additional cost. Chlorine, filters, or parts that are out of warranty are available at a reasonable cost.

This contract does not include the pumping of a tank or of any compartment of a tank, or settlement of soil on or around any part of the system regardless of reason:

Violations of the warranty also include: Disconnecting the alarm, restricting ventilation to the aerator, over loading the system above its rated capacity; or flooding by external means. Rodent, insect or Fire Ant damage or any other form of unusual abuse is a violation.

A renewal service contract should be "**Activated**" (30) thirty days before expiration of existing contract. We will contact property owner prior to expiration of existing contract.

Served by: Countryside Construction Inc.
Walker Chapman - Operator Licensee #2929

(X) [Signature] Print Name (X) JEFF WALNE Date: 3/11/2020
Property Owner Signature

(X) [Signature] Date: 3/11/2020 Authorized Service Representative (revised 10/9/09)

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

Date Soil Survey Performed: November 12, 2019

Site Location: SCENIC TERRACE, SECTION 1, BLOCK 3, LOT 33

Proposed Excavation Depth: N/A

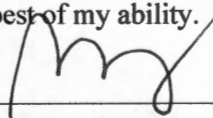
Requirements:

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area.
Locations of soil boring or dug pits must be shown on the site drawing.
For subsurface disposal, soil evaluations must be performed to a depth of at least two feet below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated.
Describe each soil horizon and identify any restrictive features on the form. Indicate depths where features appear.

SOIL BORING NUMBER <u> </u> SURFACE EVALUATION <u> </u>						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/Water Table)	Restrictive Horizon	Observations
0	III	CLAY LOAM	N/A	NONE OBSERVED	LIMESTONE @ 89"	BROWN RECEIVED MAR 17 2020 COUNTY ENGINEER
1						
2						
3						
4						
5						

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

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



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

11/12/19

Date

OSSF SOIL EVALUATION REPORT INFORMATION

Date: November 13, 2019

Applicant Information:

Name: CONSTRUCTION by DESIGN, INC. dba JEFF WALNE
Address: 614 S. BUSINESS IH 35 SUITE "C"
City: NEW BRAUNFELS State: TEXAS
Zip Code: 78130 Phone: (830) 708-4288

Site Evaluator Information:

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

Property Location:

Lot 33 Unit 1 Blk 3 Subd. SCENIC TERRACE
Street Address: 1115 CEDAR BEND
City: CANYON LAKE Zip Code: 78133
Additional Info.: _____

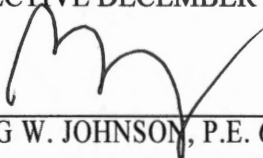
Installer Information:

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

Topography: Slope within proposed disposal area: 20 %
Presence of 100 yr. Flood Zone: YES ___ NO X
Existing or proposed water well in nearby area. YES ___ NO X
Presence of adjacent ponds, streams, water impoundments YES ___ NO X
Presence of upper water shed YES ___ NO X
Organized sewage service available to lot YES ___ NO X

RECEIVED
MAR 17 2020
COUNTY ENGINEER

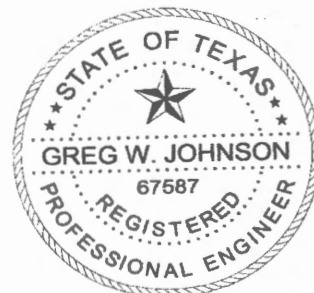
I HAVE PERFORMED A THOROUGH INVESTIGATION BEING A REGISTERED PROFESSIONAL ENGINEER AND SITE EVALUATOR IN ACCORDANCE WITH CHAPTER 285, SUBCHAPTER D, §285.30, & §285.40 (REGARDING RECHARGE FEATURES), TEXAS COMMISSION OF ENVIRONMENTAL QUALITY (EFFECTIVE DECEMBER 29, 2016).



GREG W. JOHNSON, P.E. 67587 - S.E. 11561

11/13/19

DATE



FIRM #2585

**AEROBIC TREATMENT
DRIP TUBING SYSTEM**

DESIGNED FOR:

CONSTRUCTION BY DESIGN, INC. dba Jeff Walne Homes
614 S. BUSINESS IH 35, SUITE C
NEW BRAUNFELS, TEXAS 78130

RECEIVED

MAR 17 2020

COUNTY ENGINEER

SITE DESCRIPTION:

Located in Scenic Terrace, Section 1, Block 3, Lot 33, at 1115 Cedar Bend, the proposed system will serve a three bedroom residence (1566 sf.) situated in an area with shallow Type III soil as described in the Soil Evaluation Report. Native grasses, mountain cedar, and oak trees were found throughout this property. An aerobic treatment plant utilizing drip irrigation was chosen as the most appropriate system to serve the conditions on this lot.

PROPOSED SYSTEM:

A 3-inch SCH-40 pipe discharges from the residence into a Clearstream 600NC3T aerobic plant containing a 400-gallon pretreatment tank, an aerobic treatment plant and a 700-gallon pump chamber containing a submersible (0.5 HP Dominator or equivalent) well pump. The well pump is activated by a time controller allowing the distribution ten times per day with an 10 minute run time with float setting at 240 gallons. A high level audible and visual alarm will activate should the pump fail. Distribution is through a self flushing 100 mesh spin filter then through a 1" SCH-40 manifold to a 2000 sf. drip tubing field, with *Netifim Bioline* drip lines set approximately two feet apart with **0.61 gph** emitters set every two feet, as per the attached schematic. A pressure gauge and hose bib installed in the pump tank on the manifold to the field will maintain pressure at 30 psi. A 1" SCH-40 return line is installed to continuously flush the system by cycling a 1" ball valve. Solids caught in the spin filter are flushed each cycle. Vacuum breakers installed at the highest point on each manifold will prevent siphoning of effluent from higher to lower parts of the field. Type II or III soil will be built up ~4" on the scarified ground then the drip tubing will be laid and capped with ~6" of Type II or Type III soil (**NOT SAND**). The field area will be sodded with grass prior to system startup.

Tank must have at grade risers on each opening with watertight caps that must be at least 65# or have a padlock or can only be removed with tools. A secondary plug, cap, or suitable restraint must be provided below riser cap to prevent tank entry should the cap be damaged or removed, in compliance with Chapter §285.38.

DESIGN SPECIFICATIONS:

Daily waste flow: 3 Br. Res $Q=(3+1)*75-(20\%) = 240$ GPD

Pretreatment tank size: 400 Gal

Plant Size: Clearstream 600NC3T (TCEQ Approved)

Pump tank size: 700 Gal
Reserve capacity after High Level: 80 Gal (1/3 day Req'd)
Application Rate: Ra = 0.2 gal/sf
Total absorption area: Q/Ra = 240 GPD/0.20 = 1200 sf. (Actual 2000 sf.)
Total linear feet drip tubing: 1000' *Netifim Bioline* drip tubing .61 GPH
Pump requirement: 500 emitters @ .61 gph @ 20 psi = 5.0833 gpm
Pump Requirement (cont.): (0.5 HP Dominator well pump or equiv.)
MINIMUM SCOUR VELOCITY (MSV) > 2 FPS
IN DRIP TUBING W/ NOM. DIA. 0.55" ID

$$\text{MSV} = 2 \text{ FPS } (\Pi d^2) / 4 * 7.48 \text{ gal/cf} * 60 \text{ sec/min}$$
$$\text{MSV} = 2(3.14159((.55/12)^2) / 4) * 7.48 * 60$$
$$\text{MSV} = 1.5 \text{ gpm PER LINE} * 3 \text{ LINES} = 4.5 \text{ GPM MIN FLOW RATE}$$

IN RETURN MANIFOLD W/ NOM. DIA 1.049" ID
MSV = 2 FPS $(\Pi d^2) / 4 * 7.48 \text{ gal/cf} * 60 \text{ sec/min}$
MSV = 2(3.14159((1.049/12)^2) / 4) * 7.48 * 60
MSV = 5.4 GPM

PIPE AND FITTINGS:

All pipes and fittings in this drip tubing system shall be 1" schedule 40 PVC. All joints shall be sealed with approved solvent-type PVC cement. Clipper type cutters are recommended to prevent PVC burrs during cutting of pipes causing possible plugging.

Designed in accordance with Chapter 285, Subchapter D, §285.30 and §285.40 Texas Commission on Environmental Quality (Effective December 29, 2016)

 11/13/19

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

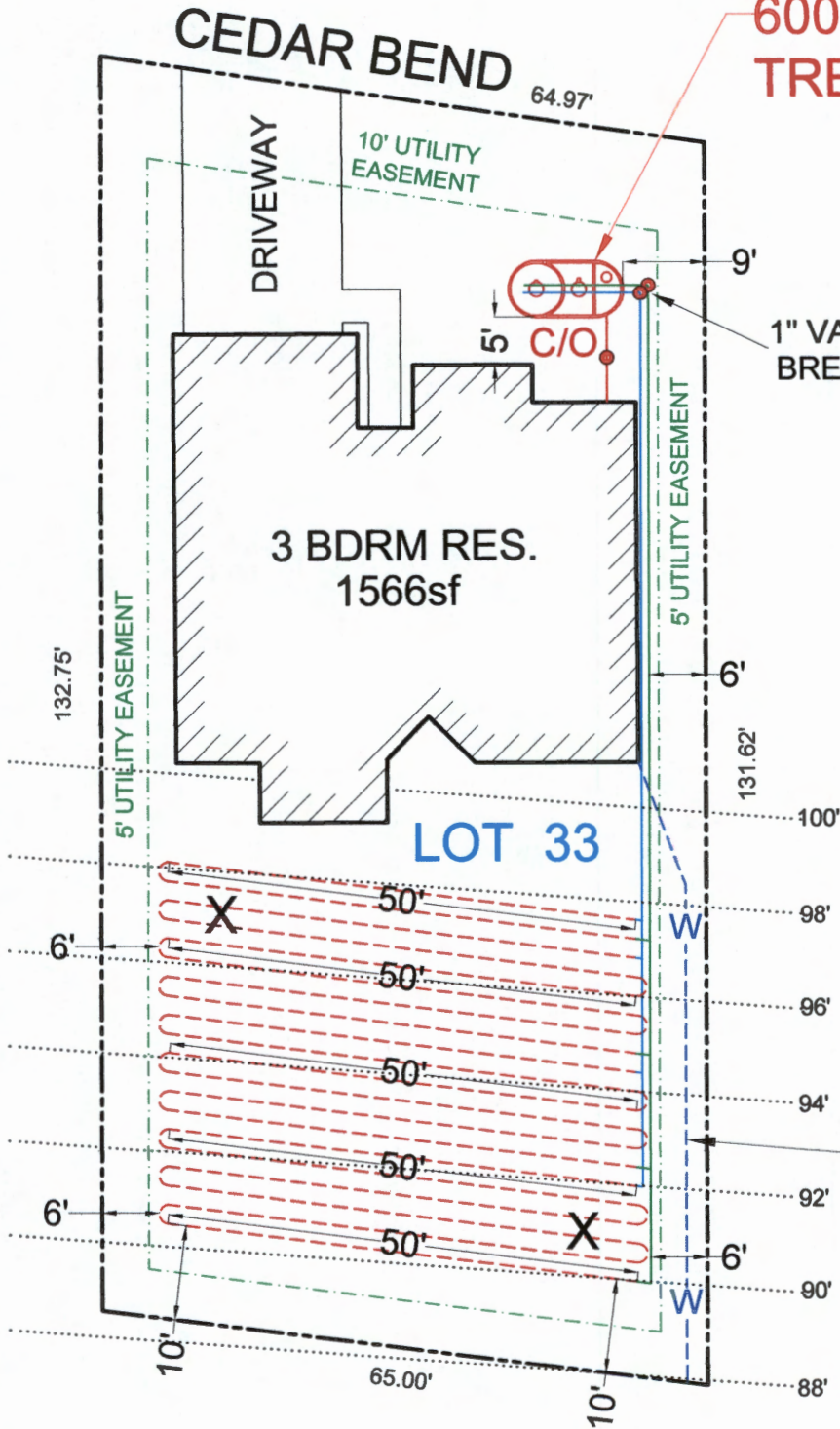


RECEIVED

MAR 17 2020

COUNTY ENGINEER

CLEARSTREAM 600NC3T AEROBIC TREATMENT PLANT



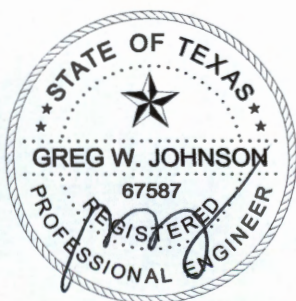
RECEIVED
MAR 17 2020
COUNTY ENGINEER

INSTALL 2000sf OF FIELD USING 1000' OF DRIP TUBING. THERE SHALL BE NO PARKING, DRIVING OR STORAGE ON THE SEPTIC FIELD AT ANY TIME FOR ANY REASON.

*USE TWO WAY CLEANOUT
**USE SCH-40 OR SDR-26 TO TANK

X= TEST HOLE

SLEEVE WATER LINE WITH 2"-SCH-40 PVC PIPE WHEN ENTERING CLOSER THAN 10' FROM SEPTIC SYSTEM OR SEPTIC FIELD.



OWNER:	CONSTRUCTION by DESIGN, INC. dba JEFF WALNE HOMES			DRAWN BY:	EJS III
STREET ADDRESS:	1115 CEDAR BEND				
LEGAL DESC:	SCENIC TERRACE	UNIT/SECTION/PHASE:	1	BLOCK:	3
				LOT:	33
PREPARED BY:	GREG W. JOHNSON, P.E. F#002585	SCALE:	1"=20'	DATE:	11/13/2019
				REVISED:	

TANK NOTES:

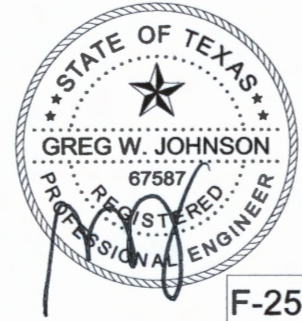
Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

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

Tanks must be left uncovered and full of water for inspection by the permitting authority.



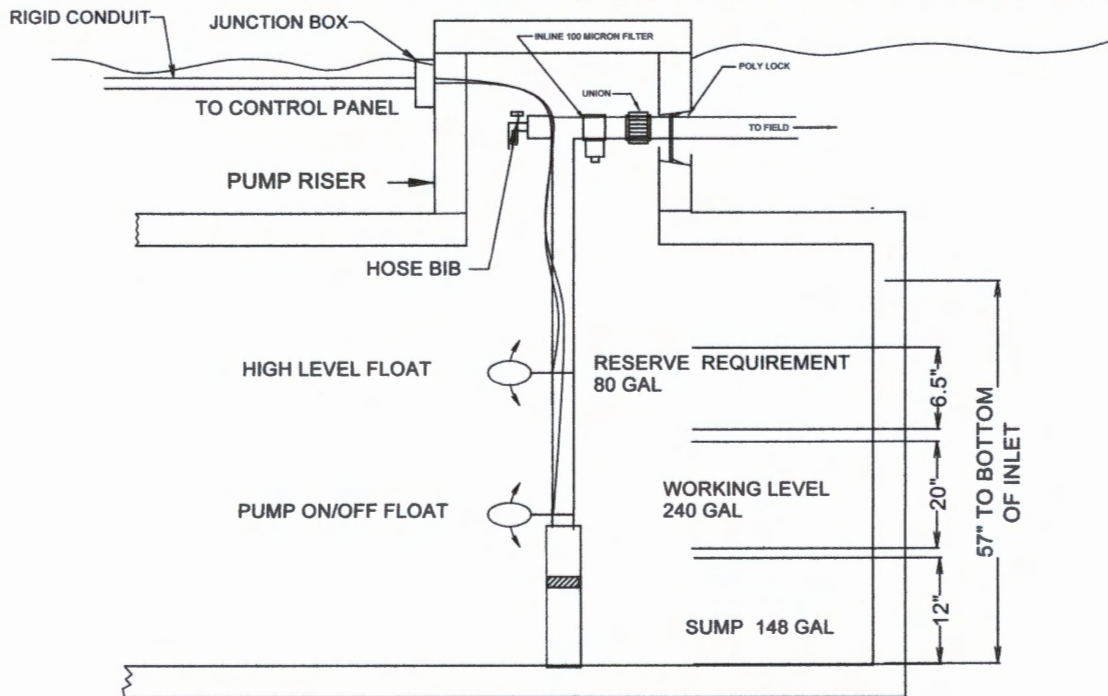
F-2585

11/13/19
RECEIVED

MAR 17 2020

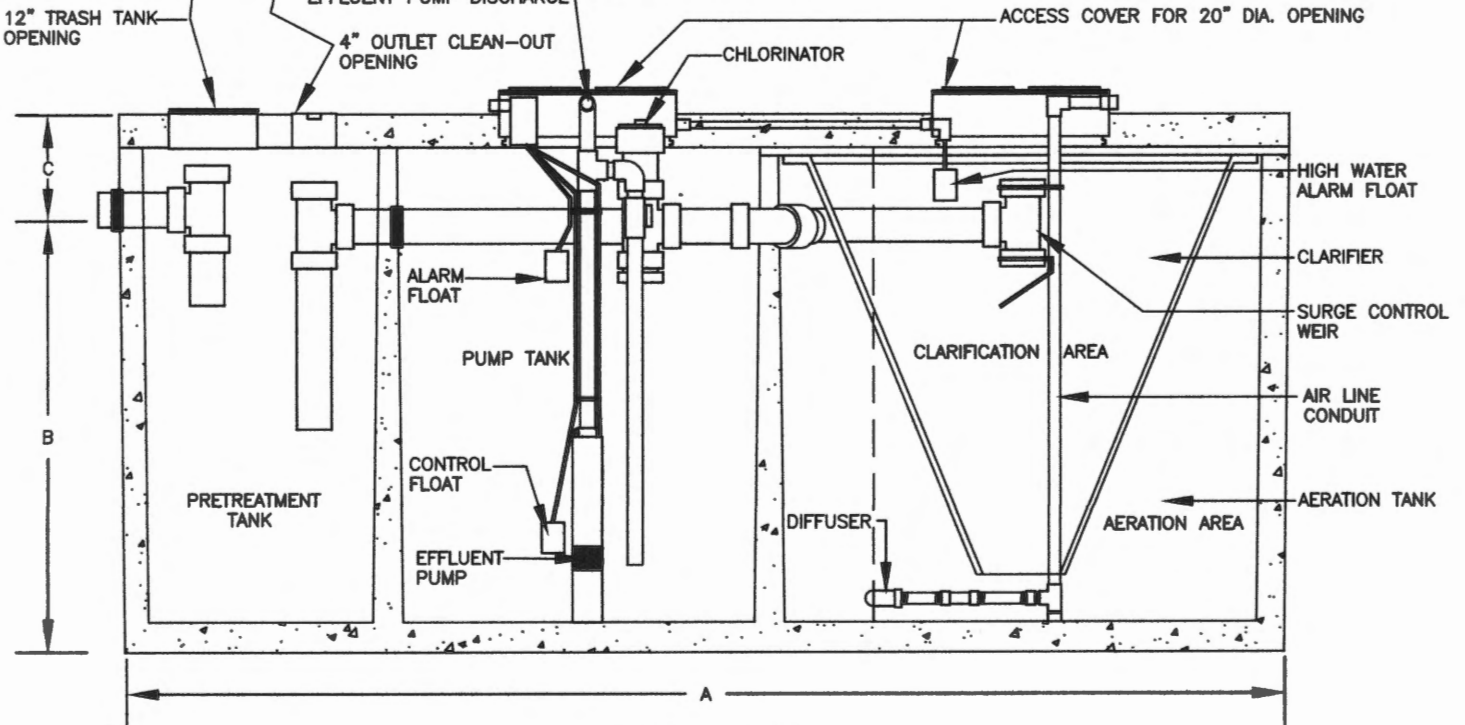
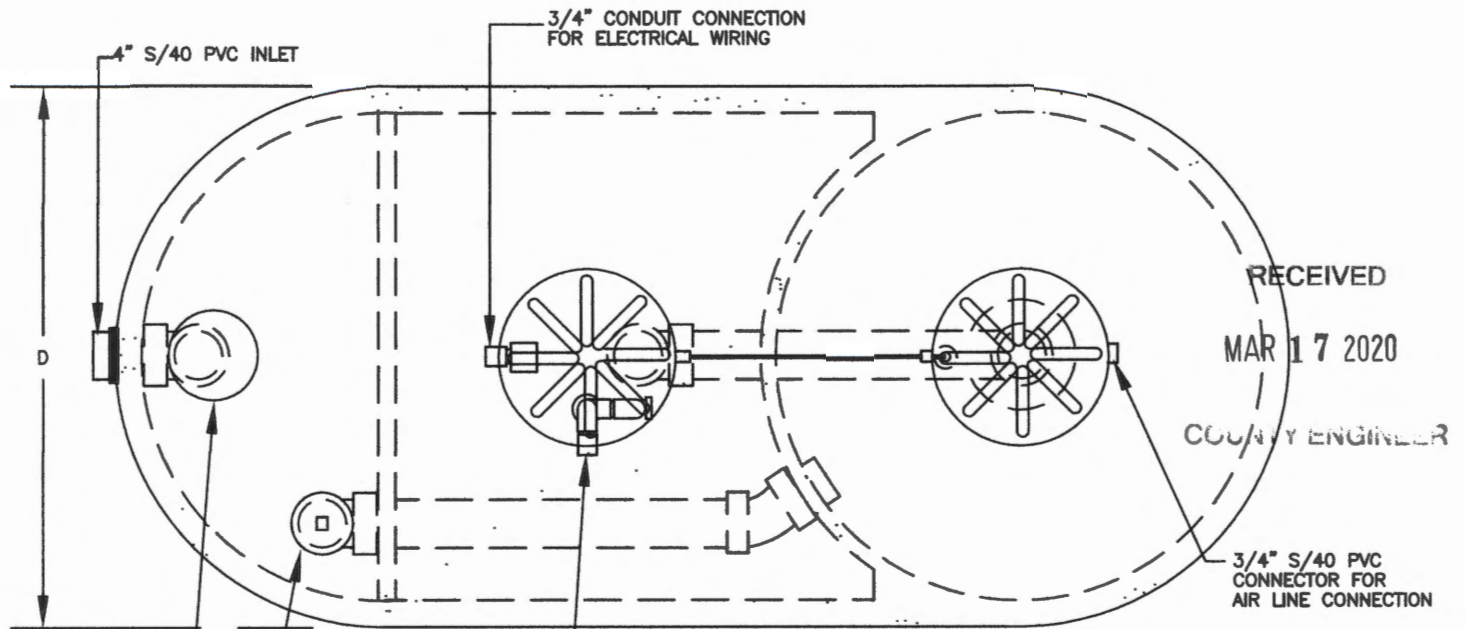
COUNTY ENGINEER

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



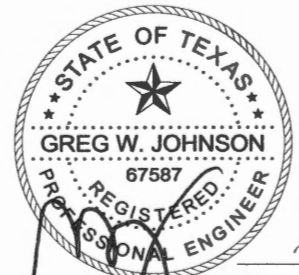
**TYPICAL PUMP TANK CONFIGURATION
CLEARSTREAM 600NC3T W/ 700 GAL PUMP TANK**

DESIGN DRAWINGS



DIMENSIONAL DATA

MODEL	A	B	C	D
500NC3-500	12'-2"	60"	10"	75"
500NC3-750	13'-5"	60"	10"	75"
600NC3	12'-7"	60"	10"	82"



F-2585

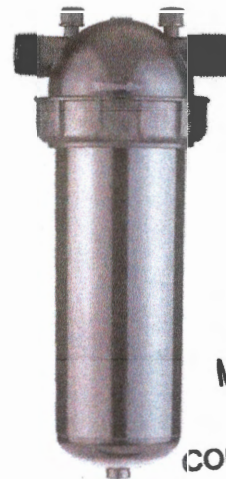
11/13/19

Arkal 1" Super Filter

Catalog No. 1102 0 _ _ _

Features

- ◆ A "T" shaped filter with two 1" male threads.
- ◆ A "T" volume filter for in-line installation on 1" pipelines.
- ◆ The filter prevents clogging due to its enlarged filtering area that collects sediments and particles.
- ◆ Manufactured entirely from fiber reinforced plastic.
- ◆ A cylindrical column of grooved discs constitutes the filter element.
- ◆ Spring keeps the discs compressed.
- ◆ Screw-on filter cover.
- ◆ Filter discs are available in various filtration grades.

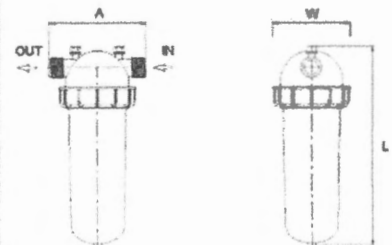


RECEIVED
MAR 17 2020

COUNTY ENGINEER

Technical Data

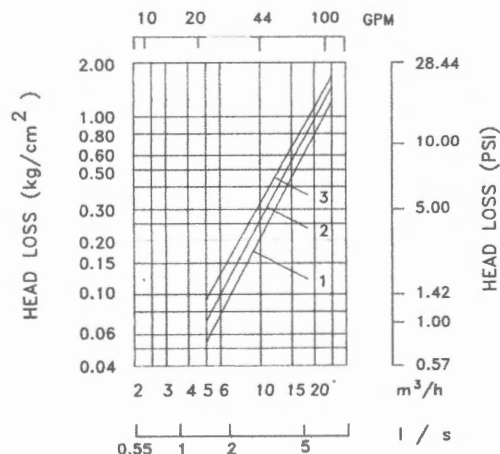
Inlet/outlet diameter	1" BSPT (male)	1" NPT (male)
	25.0 mm – nominal diameter	
	33.6 mm – pipe diameter (O. D.)	
Maximum pressure	10 atm	145 psi
Maximum flow rate	8 m ³ /h (1.7 l/sec)	35 gpm
General filtration area	500 cm ²	77.5 in ²
Filtration volume	600 cm ³	37 in ³
Filter length L	340 mm	13 13/32"
Filter width W	130 mm	5 3/32"
Distance between end connections A	158 mm	6 7/32"
Weight	1.420 kg	3.13 lbs.
Maximum temperature	70° C	158 °F
pH	5-11	5-11



Filtration Grades

- Blue (400 micron / 40 mesh)
- Yellow (200 micron / 80 mesh)
- Red (130 micron / 120 mesh)
- Black (100 micron / 140 mesh)
- Green (55 micron)

Head Loss Chart



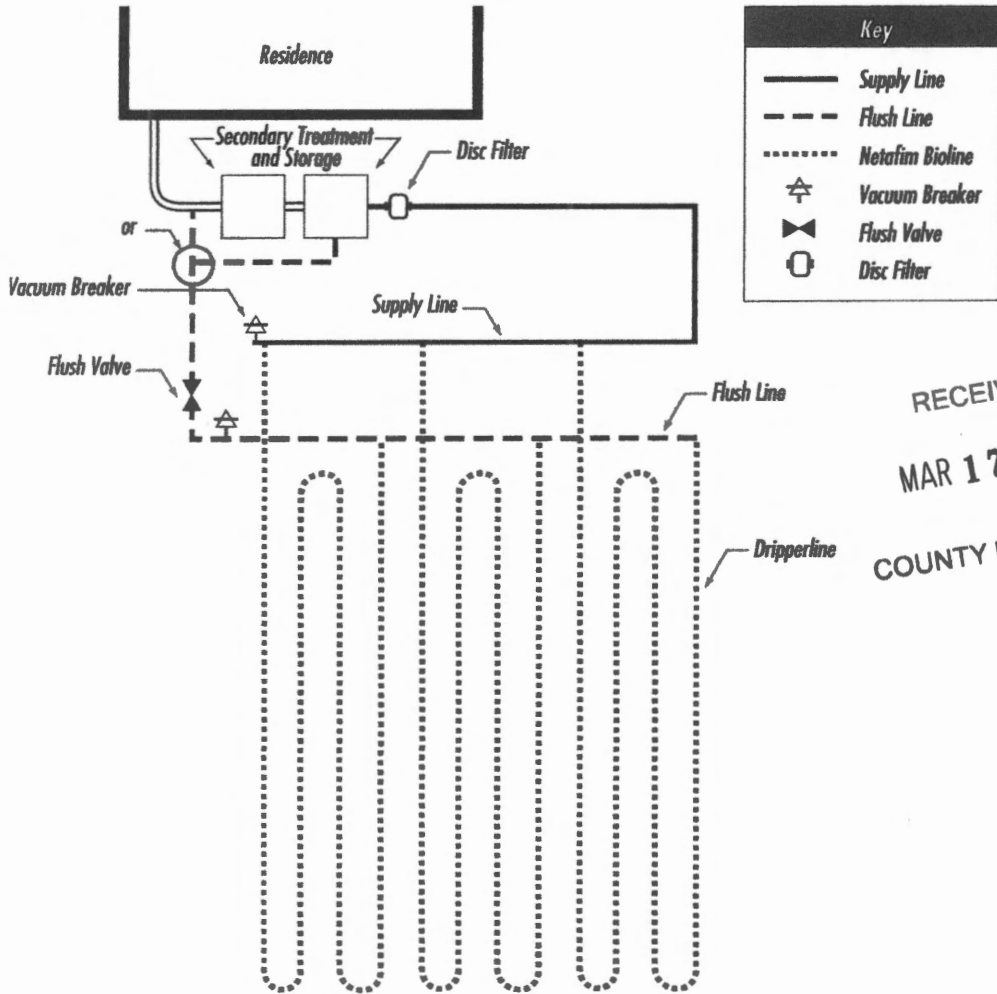
NETAFIM WASTEWATER DISPERSAL SYSTEM DESIGN GUIDE

SAMPLE DESIGNS

SINGLE TRENCH LAYOUT

Rectangular field with supply and flush manifold on same side and in same trench;

- Locate supply and flush manifold in same trench
- Dripperlines are looped at the end opposite the supply and flush manifolds
- The longest Bioline length should not exceed 400 ft. Drip fields 200 ft. in length might loop the Bioline once; drip dispersal fields under 100 ft. might be looped twice, as illustrated

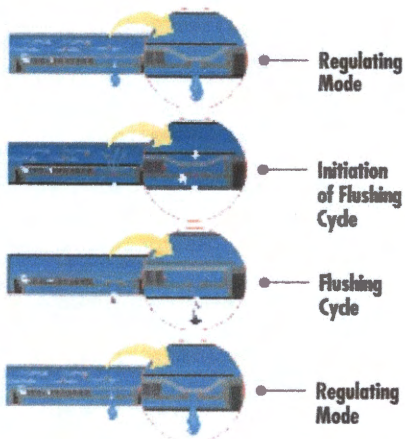


RECEIVED
MAR 17 2020
COUNTY ENGINEER



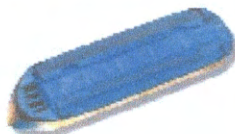
Bioline® Dripperline

Pressure Compensating Dripperline for Wastewater



Bioline's Self-Cleaning, Pressure Compensating Dripper is a fully self-contained unit molded to the interior wall of the dripper tubing.

As shown at left, BioLine is continuously self-cleaning during operation, not just at the beginning and end of a cycle. The result is dependable, clog free operation, year after year.



Product Advantages

The Proven Performer

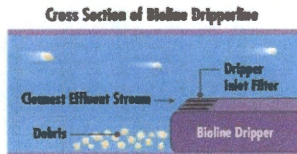
- Tens of millions of feet used in wastewater today.
- Bioline is permitted in every state allowing drip disposal.
- Backed by the largest, most quality-driven manufacturer of drip products in the U.S.
- Preferred choice of major wastewater designers and regulators.
- Proven track record of success for many years of hard use in wastewater applications.

Quality Manufacturing with Specifications Designed to Meet Your Needs

- Pressure compensating drippers assure the highest application uniformity - even on sloped or rolling terrain.
- Excellent uniformity with runs of 400 feet or more - reducing installation costs.
- Highest quality-control standards in the industry: Cv of 0.25 (coefficient of manufacturer's variation).
- A selection of flows and spacings to satisfy the designer's demand for almost any application rate.

Long-Term Reliability

- Protection against plugging:
 - Dripper inlet raised 0.27" above wall of tubing to prevent sediment from entering dripper.
 - Drippers impregnated with Vinyzene to prevent buildup of microbial slime.
 - Unique self-flushing mechanism passes small particles before they can build up.



Root Safe

- A physical barrier on each Bioline dripper helps prevent root intrusion.
- Protection never wears out - never depletes - releases nothing to the environment.
- Working reliably for up to 15 years in subsurface wastewater installations.
- Additional security of chemical root inhibition with Techfilter - supplies Trifluralin to the entire system, effectively inhibiting root growth to the dripper outlets.



Applications

- For domestic strength wastewater disposal.
- Installed following a treatment process.
- Can be successfully used on straight septic effluent with proper design, filtration and operation.
- Suitable for reuse applications using municipally treated effluent designated for irrigation water.

Specifications

Wall thickness (mil): 45*

Nominal flow rates (GPH): .4, .6, .9*

Common spacings: 12", 18", 24"*

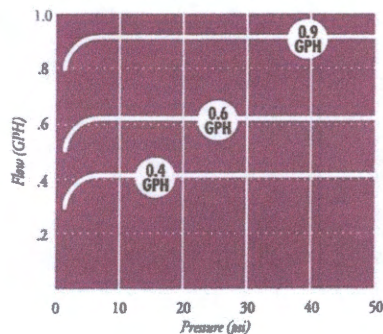
Recommended filtration: 120 mesh

Inside diameter: .570"

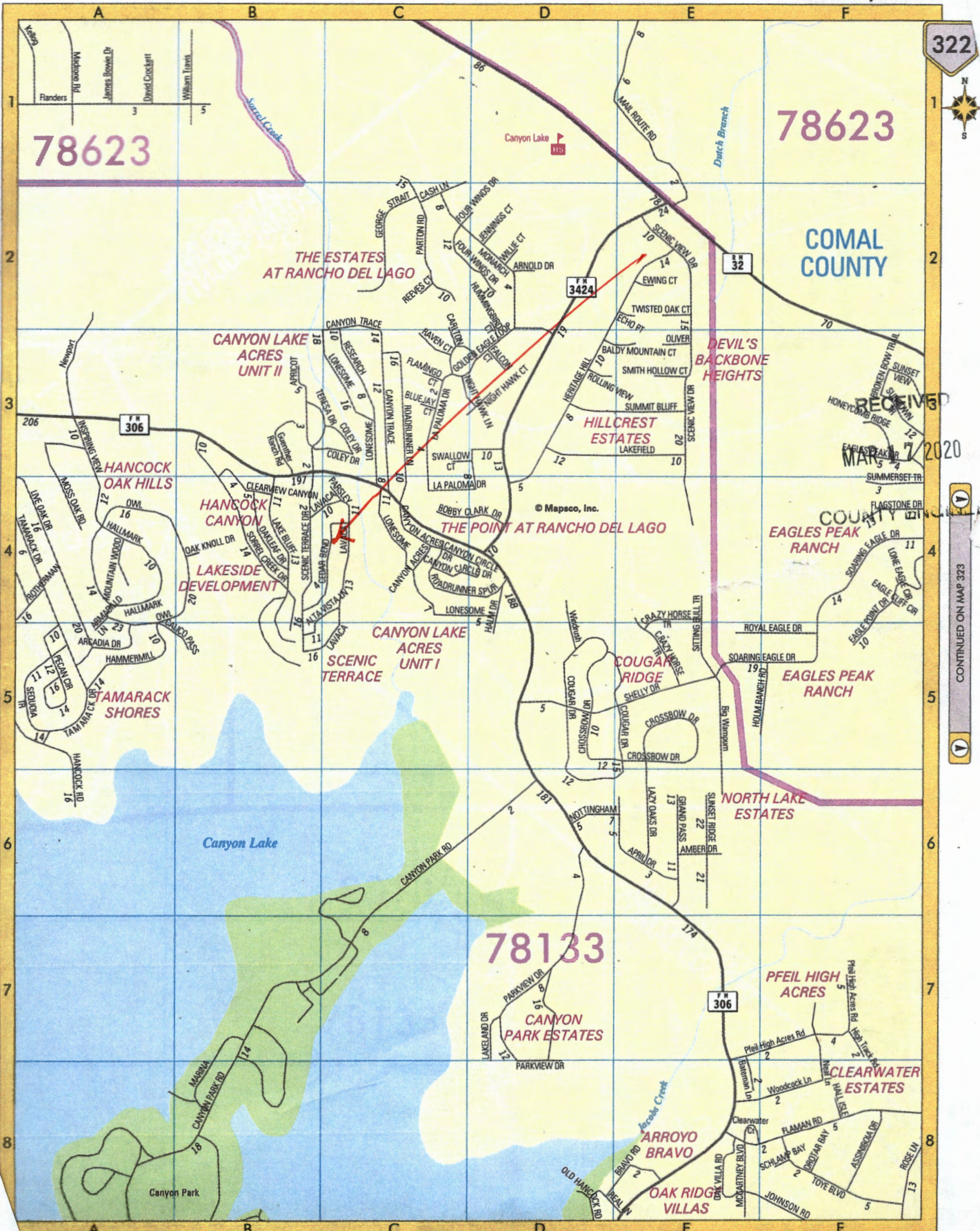
Color: Purple tubing indicates non-potable source

*Additional flows, spacings, and pipe sizes available by request. Please contact Netafim USA Customer Service for details.

BIOLINE Flow Rate vs. Pressure



NETAFIM USA
 5470 E. Home Ave. • Fresno, CA 93727
 888.638.2346 • 559.453.6800
 FAX 800.695.4753
www.netafimusa.com



322

78623

78623

COMAL COUNTY

CANYON LAKE ACRES UNIT II

THE ESTATES AT RANCHO DEL LAGO

HILLCREST ESTATES LAKEFIELD

DEVIL'S BACKBONE HEIGHTS

HANCOCK CANYON

THE POINT AT RANCHO DEL LAGO

EAGLES PEAK RANCH

LAKESIDE DEVELOPMENT

CANYON LAKE ACRES UNIT I
SCENIC TERRACE

EAGLES PEAK RANCH

TAMARACK SHORES

COUGAR RIDGE

NORTH LAKE ESTATES

Canyon Lake

78133

CANYON PARK ESTATES

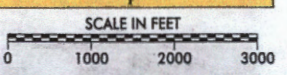
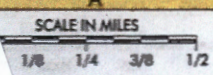
PFEIL HIGH ACRES

CLEARWATER ESTATES

Canyon Park

ARROYO BRAVO

OAK RIDGE VILLAS



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

STATE OF TEXAS

§

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF COMAL

§

THAT TLHS CORP f/k/a TEXAS LANDHOME SALES CORPORATION, as Trustee for the Scenic Business Trust, dated December 15, 1997, 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 **CONSTRUCTION BY DESIGN, INC., d/b/a JEFF WALNE HOMES**, 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:

Lot 32 & 33, Block 3, SCENIC TERRACE, SECTION ONE, Comal County, Texas, according to the plat thereof recorded in Volume 2, pages 84-85, 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.

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 17th day of April, 2019.

RECEIVED

TLHS CORP f/k/a TEXAS LANDHOME SALES CORPORATION, as Trustee for the Scenic Business Trust, dated December 15, 1997

MAR 17 2020

COUNTY ENGINEER

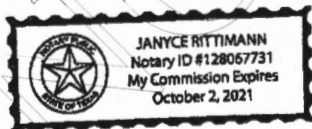
BY: *Vaughn Halfacre* President
Vaughn Halfacre

Its: President

STATE OF TEXAS
COUNTY OF Kerr

§
§

This instrument was acknowledged before me on this the 17th day of April, 2019, by Vaughn Halfacre, President of TLHS CORP f/k/a TEXAS LANDHOME SALES CORPORATION, as Trustee for the Scenic Business Trust, dated December 15, 1997.



Janyce Rittmann
Notary Public, State of Texas

GRANTEE'S MAILING ADDRESS:

104 South Business FH 35 Suite C

New Braunfels, TX 76130

63.deeds
New Braunfels Title Co. CL
GF #87982NBT

Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
04/18/2019 03:31:12 PM
LAURA 2 Pages(s)
201906013226



Bobbie Koepf

COUNTRYSIDE CONSTRUCTION, INC.
 300 CHAPMAN PARKWAY
 CANYON LAKE, TX 78133

Phone: 830-899-2615
 Fax: 830-899-6662

TESTING AND REPORTING RECORD

This Testing and Reporting Record shall be completed, signed and dated after each inspection.

1. Inspection Date: OCTOBER 17, 2020 Installed: 6/17/2020 Service Expires: 6/17/2022

BILLING ADDRESS:
 * CONSTRUCTION BY DESIGN
 614 BUSINESS IH35, STE C
 NEW BRAUNFELS, TX 78130

PHYSICAL ADDRESS:
 1115 CEDAR BEND
 CANYON LAKE, TX 78133

TELEPHONE:
 ALT. PHONE:

LOT: ; T 33,

PERMIT#: 110539
 COUNTY: COMAL
 SN: 19110771
 MAPSCO: N/A

SUBDIVISION: SCENIC TERRACE MFG: CLEARSTREAM-600

NOTES:
 TYPE OF SYSTEM: DRIP

Inspected Item: Operational Inoperative

Inspected Item:	Operational	Inoperative
Aerators		
SCFM/Compressors PSI (Record Pressure Reading)	1.25	
Filters	/	
Irrigation Pumps	/	
Recirculation Pumps	N/A	
Disinfection Device	/	
Chlorine Supply	/	
Electrical Circuits	/	
Distribution System	/	
Sprayfield Vegetation	N/A	
Back Flush Drip Field, if applicable	/	
Other as Noted	/	

2. Action taken or Repairs or
 Needed repairs to system (list all
 components replaced):

CHECKED pump
 Alarm, FLOATS,
 MICRON FILTER,
 Compressor

SYSTEM OPERATING AS DESIGNED? Y N

Access Posts are Secured

Yes

No

3. Tests required and results:

	Required		Results ng/l mpn/100mi or Trace	Test Method
	Yes	No		
BOD (Grab)				
TSS (Grab)		/	CLEAR	
Cl (Grab)	/			
Fecal Coliform				

Copies of this report have been forwarded to the following: COMAL county / homeowner.

Maintenance Technician: Thomas

11

Date of completion: 10/17/20 Start Job Time: 12:05 Stop Job Time: 12:20

Maintenance Provider: Walker Superior

COUNTRYSIDE CONSTRUCTION, INC.
 300 CHAPMAN PARKWAY
 CANYON LAKE, TX 78133

Phone: 830-899-2615
 Fax: 830-899-6662

TESTING AND REPORTING RECORD

This Testing and Reporting Record shall be completed, signed and dated after each inspection.

1. Inspection Date: FEBRUARY 17, 2021 Installed: 6/17/2020 Service Expires: 6/17/2022

BILLING ADDRESS:
 DEREK & RACHEL SOUSEK
 1115 CEDAR BEND
 CANYON LAKE, TX 78133

PHYSICAL ADDRESS:
 1115 CEDAR BEND
 CANYON LAKE, TX 78133

TELEPHONE: 920-217-4833
 ALT. PHONE:

LOT: AT 33.

PERMIT#: 110539

COUNTY: COMAL

SN: 19110771

SUBDIVISION: SCENIC TERRACE NEB. CLEARSTREAM-600

MAPSIC: N/A

NOTES:
 TYPE OF SYSTEM: DRIP

Inspected Item:	Operational	Inoperative	2. Action taken or Repairs or Needed repairs to system. List all components replaced.
Aerators			
SCFM/Compressor PSI (Record Pressure Reading)	1.0		CHECKED PUMP.
Filters	/		
Irrigation Pumps	/		ALARMS, FLOATS,
Recirculation Pumps	N/A		5 MICRON,
Disinfection Device	/		COMPRESSOR,
Chlorine Supply	/		
Electrical Circuits	/		
Distribution System	/		
Sprayfield Vegetation	N/A		
Back Flush Drip Field, if applicable	/		
Other as Noted	/		
Access Points are Secured			SYSTEM OPERATING AS DESIGNED <input checked="" type="radio"/> Y <input type="radio"/> N <input checked="" type="radio"/> Yes <input type="radio"/> No

3. Tests required and results:

	Required		Results mg/l mpn/100ml or Trace	Test Method
	Yes	No		
BOD (Grab)				
TSS (Grab)		/		
Cl (Grab)	/			
Fecal Coliform				

Copies of this report have been forwarded to the following: COMAL county / homeowner.

Maintenance Technician: Thomas

811

Date of completion: 2/17/21 Start Job Time: _____ Stop Job Time: _____

Maintenance Provider: WALKER CLYMER

COUNTRYSIDE CONSTRUCTION, INC.
 300 CHAPMAN PARKWAY
 CANYON LAKE, TX 78133

Phone: 830-899-2515
 Fax: 830-899-6662

TESTING AND REPORTING RECORD

This Testing and Reporting Record shall be completed, signed and dated after each inspection.

1. Inspection Date: JUNE 17, 2021 Installed: 6/17/2020 Service Expires: 6/17/2022

BILLING ADDRESS:
 DEREK & RACHEL SOUSEK
 1115 CEDAR BEND
 CANYON LAKE, TX 78133

PHYSICAL ADDRESS:
 1115 CEDAR BEND
 CANYON LAKE, TX 78133

TELEPHONE: 920-217-4833
 ALT. PHONE:

LOT: ;T 33,

PERMIT#: 110539
 COUNTY: COMAL
 SN: 19110771
 MAPSCO: N/A

SUBDIVISION: SCENIC TERRACE MFG: CLEARSTREAM-600

NOTES:
 TYPE OF SYSTEM: DRIP

Inspected Item:	Operational	Inoperative
Aerators		
SCFM/Compressors PSI (Record Pressure Reading)	1.25	
Filters	/	
Irrigation Pumps	/	
Recirculation Pumps	NA	
Disinfection Device	/	
Chlorine Supply	/	
Electrical Circuits	/	
Distribution System	/	
Sprayfield Vegetation	NA	
Back Flush Drip Field, if applicable	/	
Other as Noted		
Access Posts are Secured		

2. Action taken or Repairs or
 Needed repairs to system (list all
 components replaced):

Chd pump & floats
 Cleaned filter
 Chd alarms & drip field
 Need Buzzer & Bulb next
 inspection

SYSTEM OPERATING AS DESIGNED? Y/N

Yes

No

3. Tests required and results:

	Required		Results mg/l mpn/100ml or Trace	Test Method
	Yes	No		
BOD (Grab)				
TSS (Grab)	/		Clear	Grab
Cl (Grab)	/		1.0	OTO
Fecal Coliform				

Copies of this report have been forwarded to the following: COMAL county / homeowner.

Maintenance Technician: Cory G...

56

Date of completion: 7-30-21 Start Job Time: _____ Stop Job Time: _____

Maintenance Provider: Walker Chapin

COUNTRYSIDE CONSTRUCTION, INC.
300 CHAPMAN PARKWAY
CANYON LAKE, TX 78133

Phone: 830-899-2615
Fax: 830-899-6562

TESTING AND REPORTING RECORD

This Testing and Reporting Record shall be completed, signed and dated after each inspection.

1. Inspection Date: **OCTOBER 17, 2021** Installed: **6/17/2020** Service Expires: **6/17/2022**

BILLING ADDRESS:
DEREK & RACHEL SOUSEK
1115 CEDAR BEND
CANYON LAKE, TX 78133

PHYSICAL ADDRESS:
1115 CEDAR BEND
CANYON LAKE, TX 78133

TELEPHONE: **920-217-4833**
 ALT. PHONE:

LOT: ;T 33,

PERMIT#: **110539**
 COUNTY: **CIMAL**
 SN: **19110771**
 MAPSCO: **N/A**

SUBDIVISION: **SCENIC TERRACE** MFG: **CLEARSTREAM-600**

NOTES:
 TYPE OF SYSTEM: **DRIP**

Inspected Item: Operational Inoperative

Inspected Item:	Operational	Inoperative
Aerators		
SCFM/Compressors PSI (Record Pressure Reading)	✓	
Filters	✓	
Irrigation Pumps	✓	
Recirculation Pumps	✓	
Disinfection Device	✓	
Chlorine Supply	✓	
Electrical Circuits	✓	
Distribution System	✓	
Sprayfield Vegetation		
Back Flush Drip Field, if applicable		
Other as Noted		
Access Posts are Secured		

2. Action taken or Repairs or Needed repairs to system (list all components replaced):

pump and alarm test
good drips working,
compressor filter cleaned

SYSTEM OPERATING AS DESIGNED? Y/N

Yes

No

3. Tests required and results:

	Required		Results mg/l apn/100mi or Trace	Test Method
	Yes	No		
BOD (Grab)				
TSS (Grab)				
Cl (Grab)				
Fecal Coliform				

Copies of this report have been forwarded to the following: CIMAL county / homeowner.

Maintenance Technician: Cayenne

Date of completion: 10/17 Start Job Time: 12:00 Stop Job Time: 12:30 PM

Maintenance Provider: Walker Chapman

COUNTRYSIDE CONSTRUCTION, INC.
 300 CHAPMAN PARKWAY
 CANYON LAKE, TX 78133

Phone: 830-899-2615
 Fax: 830-899-6662

TESTING AND REPORTING RECORD

This Testing and Reporting Record shall be completed, signed and dated after each inspection.

1. Inspection Date: FEBRUARY 17, 2022 Installed: 6/17/2020 Service Expires: 6/17/2022

BILLING ADDRESS:
 DEREK & RACHEL SOUSEK
 1115 CEDAR BEND
 CANYON LAKE, TX 78133

PHYSICAL ADDRESS:
 1115 CEDAR BEND
 CANYON LAKE, TX 78133

TELEPHONE: 920-217-4833
 ALT. PHONE:

LOT: ;T 33,

PERMIT#: 110539
 COUNTY: COMAL
 SN: 19110771
 MAPSCO: N/A

SUBDIVISION: SCENIC TERRACE MFG: CLEARSTREAM-600

NOTES:

TYPE OF SYSTEM: DRIP

Inspected Item:	Operational	Inoperative	2. Action taken or Repairs or Needed repairs to system (list all components replaced):
Aerators			
SCFM/Compressors PSI (Record Pressure Reading)	28PSI		Pump and alarm test good
Filters	✓		All floats work, micro
Irrigation Pumps	✓		filter and compressor filter
Recirculation Pumps	✓		cleaned. Drips work
Disinfection Device	✓		
Chlorine Supply	✓		
Electrical Circuits	✓		
Distribution System	✓		
Sprayfield Vegetation			
Back Flush Drip Field, if applicable	✓		
Other as Noted			
Access Posts are Secured			SYSTEM OPERATING AS DESIGNED? <input checked="" type="radio"/> Yes <input type="radio"/> No

3. Tests required and results:

	Required		Results mg/l mpn/100mi or Trace	Test Method
	Yes	No		
BOD (Grab)				
TSS (Grab)				
Cl (Grab)				
Fecal Coliform				

Copies of this report have been forwarded to the following: COMAL county / homeowner.

Maintenance Technician: Agenda 10

Date of completion: Mar. 8 Start Job Time: 1:23 PM Stop Job Time: 1:45 PM

Maintenance Provider: Walker Chapman

COUNTRYSIDE CONSTRUCTION, INC.
 300 CHAPMAN PARKWAY
 CANYON LAKE, TX 78133

Phone: 830-899-2615
 Fax: 830-899-6662

TESTING AND REPORTING RECORD

This Testing and Reporting Record shall be completed, signed and dated after each inspection.

1. Inspection Date: JUNE 17, 2022 Installed: 6/17/2020 Service Expires: 6/17/2022

BILLING ADDRESS:
 DEREK & RACHEL SOUSEK
 1115 CEDAR BEND
 CANYON LAKE, TX 78133

PHYSICAL ADDRESS:
 1115 CEDAR BEND
 CANYON LAKE, TX 78133

TELEPHONE: 920-217-4833
 ALT. PHONE:
 GATE CODE:
 SUBDIVISION: SCENIC TERRACE

LOT: ;T 33, PERMIT#: 110539
 COUNTY: COMAL
 SN: 19110771
 MAPSCO: N/A
 Manufacturer: CLEARSTREAM-600

NOTES:
 TYPE OF SYSTEM: DRIP

Inspected Item: Operational Inoperative

Aerators		
SCFM/Compressors PSI Record Pressure Reading	3.0 PSI	
Filters	✓	
Irrigation Pumps	✓	
Recirculation Pumps	N/A	
Disinfection Device	✓	
Chlorine Supply	✓	
Electrical Circuits	✓	
Distribution System	✓	
Sprayfield Vegetation		
Back Flush Drip Field, if applicable	N/A	
Other as Noted		

2. Action taken or Repairs or
 Needed repairs to system (list all
 components replaced):
 Pump and alarm Best Good.
 All Plants work, Compressor
 Filter cleared. System
 running as designed

SYSTEM OPERATING AS DESIGNED? Y/N
 Yes No

3. Tests required and results:

	Required		Results mg/l mpn/100mi or Trace	Test Method
	Yes	No		
BOD (Grab)				
TSS (Grab)		✓		
Cl (Grab)		✓		
Fecal Coliform				

Copies of this report have been forwarded to the following: COMAL county / homeowner.

Maintenance Technician: Casper We 10
 Date of completion: JUN 17 Start Job Time: 3:10 PM Stop Job Time: 3:30 PM
 Maintenance Provider: Wauka Chopra