

Comal County

OFFICE OF COMAL COUNTY ENGINEER

License to Operate On-Site Sewage Treatment and Disposal Facility

Issued This Date: 02/21/2019 Permit Number: 108003

Location Description: 1341 MIRA MONTE BULVERDE, TX 78163
Subdivision: Monteola
Unit:
Lot: 18
Block: 1
Acreage:

Type of System: Aerobic Surface Irrigation

Issued to: Kerry & Marie Kirby

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

Michael Lopez OS8497
ENVIRONMENTAL HEALTH INSPECTOR

Sandra Ann Hernandez, Asst.
ENVIRONMENTAL HEALTH COORDINATOR
OS 0025599

Comal County Environmental Health OSSF Inspection Sheet

Installer Name: Buddy's Septic OSSF Installer #: _____
 1st Inspection Date: 11/17/18 2nd Inspection Date: _____ 3rd Inspection Date: 2/21/19
 Inspector Name: Mike T. Inspector Name: _____ Inspector Name: ~~Mike T.~~ Mike T.
 Permit#: 108003 Address: Monteola / 1341 Mira Monte Dr.

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)		11/17/18		
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)				

Tank set, leveled.
 operational ✓
 Ready For Cover

MT-2/21/19
 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		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	✓		800	11/7/18		
15	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number	✓		nuWater	/		
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**

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20	DISPOSAL SYSTEM Soil Substitution		285.33(d)(4)				
21	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(4) 285.33(a)(3) 285.33(a)(1)				
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	<p>EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling</p> <p>EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0%</p> <p>EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom)</p> <p>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</p> <p>EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size) 5 ft. Apart</p>	✓	<p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(A)</p> <p>285.33(b)(3)(B)</p> <p>285.91(13)</p> <p>285.33(b)(3)(D)</p> <p>285.33(b)(3)(F)</p>		11/7/18		
33	<p>AEROBIC TREATMENT UNIT is Aerobic Unit Installed According to Approved Guidelines.</p>	✓	285.32(c)(1)		11/7/18		
34	<p>AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided</p> <p>AEROBIC TREATMENT UNIT Secondary restraint system provided</p> <p>AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank</p> <p>AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions</p>	✓					
35	<p>AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.</p>	✓					
36	<p>PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction</p> <p>PUMP TANK Sampling Port Provided in the Treated Effluent Line</p> <p>PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required</p> <p>PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump</p>						
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Comal County Environmental Health
OSSF Inspection Sheet

39	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried	✓			11/7/18		
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**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)		11/7/18 		
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: Buddy's Septic OSSF Installer #: _____

1st Inspection Date: 11/7/18 2nd Inspection Date: _____ 3rd Inspection Date: _____

Inspector Name: Mike T. Inspector Name: _____ Inspector Name: _____

Permit#: 108003 Address: Monteola / 1341 Mira Monte Dr.

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**Comal County Environmental Health
OSSF Inspection Sheet**

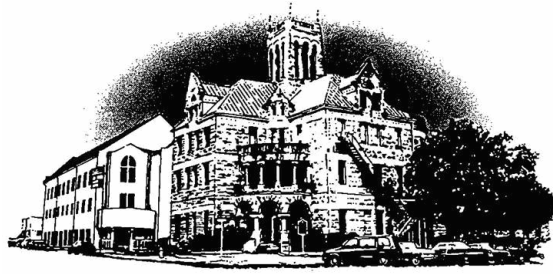
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33	<p>AEROBIC TREATMENT UNIT Is Aerobic Unit Installed According to Approved Guidelines.</p>	✓	285.32(c)(1)		11/7/18		
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35	<p>AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.</p>	✓					
36	<p>PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction</p> <p>PUMP TANK Sampling Port Provided in the Treated Effluent Line</p> <p>PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required</p> <p>PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump</p>						
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Comal County Environmental Health
OSSF Inspection Sheet

39	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried				11/7/18		
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**Comal County Environmental Health
OSSF Inspection Sheet**

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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: 108003
Issued This Date: 09/20/2018
This permit is hereby given to: Kerry & Marie Kirby

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

1341 MIRA MONTE
BULVERDE, TX 78163

Subdivision: Monteola

Unit:

Lot: 18

Block: 1

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.

RECEIVED

AUG 22 2018

REVISED

3:04 pm, Sep 05, 2018

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

REVISED

COMAL COUNTY ENGINEER

8-23-2018

Permit # 108003

Owner Name Marie Kirby Kerry Kirby Agent Name Toad Glowka Bldr
 Mailing Address 1970 Oakland Bend Agent Address PO Box 478
 City, State, Zip San Antonio Tx 78258 City, State, Zip Kendalia, Tx 78027
 Phone # 210-367-0632 Phone # 830 229-5565
 Email Kirby@ArchDiv8.com Email Jeanne@Tqbullder.com

All correspondence should be sent to: Owner Agent Both

Method: Mail Email

Subdivision Name Monteola Unit _____ Lot _____ Block _____
 Acreage/Legal Lot 18 Block 1 Monteola, Comal City TEXAS
 Street Name/Address 1341 Mira Monte City Bulverde Zip 78163

Type of Development:

Single Family Residential

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

Number of Bedrooms 4

Indicate Sq Ft of Living Area 5116

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: \$ _____ (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.

K Kirby
Signature of Owner

8-23-18
Date

*** 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 STEPHEN MANGOLD, P.E.

System Description AEROBIC W/ SPRAY IRRIGATION

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

Tank Size(s) (Gallons) 800 GPD ATU Absorption/Application Area (Sq Ft) 6842

Gallons Per Day (As Per TCEQ Table III) 420

(Sites generating more than 5000 gallons per day are required to obtain a permit through TCEQ.)

Is the property located over the Edwards Recharge Zone? Yes No
(If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))

RECEIVED

AUG 20 2018

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.)

COUNTY ENGINEER

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:

I certify that the information provided above is true and correct to the best of my knowledge.

Stephen Mangold
Signature of Designer

7/15/18
Date



201806031714 08/13/2018 08:24:27 AM 1/1

THE COUNTY OF COMAL
STATE OF TEXAS

COPY

AFFIDAVIT

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.

The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (commission) 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.

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):

Martecia Subdivision, lot 18, block 1,
or commonly known as 1341 Mira Monte, Bulverde, TX 78163

The property is owned by (insert owner's full name): Kerry Kirby

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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 6 DAY OF August, 2018

[Signature]
Kerry Kirby
Owner(s) signature(s)

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 6 DAY OF August, 2018

[Signature]
Notary Public, State of Texas

Notary's Printed Name: Misty L Matthews
My Commission Expires: 07/03/2021



Filed and Recorded
Official Public Records
Bobbie Koepf, County Clerk
Comal County, Texas
08/13/2018 08:24:27 AM
JESSICA 1 Page(s)
201806031714



Bobbie Koepf

REGULATORY AUTHORITY Polk County PERMIT/LICENSE NUMBER _____

email: Kirby@archdiv8.com

WASTEWATER TREATMENT FACILITY MONITORING AGREEMENT

Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006
Off. (210)385-6396
Fax (210)579-6073
Website: www.lonestaras.com
E-Mail: wadecloud@lonestaras.com

Customer Kerry Kirby
Site Address 1341 Mica Monte
City Bulverde Zip 78163 Map # _____
Mailing Address 177 Oakland Blvd
City San Antonio Zip 78258 AUG 20 2018
Day Phone 210-671-1632
Home Phone _____
Emergency Phone _____ COUNTY ENGINEER

0680

- I. General: This Work for Hire Agreement (hereinafter referred to as "Agreement") is entered into by and between Kerry Kirby (hereinafter referred to as "Customer") and Lonestar Aerobic Services, LLC and its employees (hereinafter inclusively referred to as "Contractor") agree to render services at the site address stated above, as described herein, and the Customer agrees to fulfill his/her/their responsibilities, as described herein. The designed flow rate for this system is a maximum of 420 gallons per day.
- II. Effective Dates: This agreement commences on _____ and ends on _____ for a total of two (2) years (initial agreement) or one (1) year (there after). If this is an initial agreement (new installation), the Customer will notify the Contractor within two (2) business days of the system's first use to establish the date of commencement. If no notification is received by Contractor within ninety (90) days after completion of installation or where county authority mandates, the date of commencement will be the date the "License to Operate" (Notice of Approval) was issued by the permitting authority. This agreement may or may not commence at the same time as any warranty period of installed equipment, but in no case shall it extend the specified warranty.
- III. Renewal: This Agreement shall automatically renew each year at the same terms, conditions, and costs, unless either party gives notice of termination a minimum of thirty (30) days prior to end of first agreement period. See Section IV.
- IV. Termination of Agreement: This Agreement may be terminated by either party with thirty (30) days written notice for any reason, including for example, substantial failure to perform in accordance with its terms, without fault or liability of the terminating party. If this Agreement is so terminated, Contractor will be paid at the rate of \$75 per hour for any work performed and for which compensation has not been received. After the deduction of all outstanding charges, any remaining monies from prepayment for services will be refunded to customer within thirty (30) days. Either party terminating this agreement for any reason, including non-renewal, shall notify in writing the equipment manufacturer and the appropriate regulatory agency a minimum of thirty (30) days prior to the date of such termination. Nonpayment of any kind shall be considered breach of contract and a termination of contract.
- V. Services: Contractor will:
 - A. Inspect and perform routine upkeep on the On-Site Sewage Facility (hereinafter referred to as OSSF) as recommended by the treatment system manufacturer, and required by state and/or local regulations, for a total of three visits to site per year.
 - B. Provide a written record of visits to the site by means of an inspection tag attached to or contained in the control panel.
 - C. Repair or replace, if Contractor has necessary materials at site, any component of the OSSF found to be failing or inoperative during the course of a routine monitoring visit. If such services are not covered by warranty, and service costs are \$100.00 or less, Customer hereby authorizes Contractor to perform the service and bill Customer for said service. When service costs are greater than \$100.00, or if Contractor does not have necessary supplies at the site, Contractor will notify Customer of required service(s) and associated cost(s). Customer must notify Contractor of arrangements to effect repair of system within two (2) business days after said notification.
 - D. Provide sample collection and laboratory testing of TSS and BOD on a yearly basis (commercial systems only).
 - E. Forward copies of this Agreement and all reports to the regulatory agency and the customer.
 - F. Visit site in response to Customer's request for unscheduled service within forty-eight (48) hours of the date of notification (weekends and holidays excluded) of said request. Unless otherwise covered by warranty, costs for such unscheduled responses will be billed to Customer.
- VI. Disinfection: Not Required. Required. The responsibility to maintain the disinfection device(s) and provide any necessary chemicals is that of the KK Customer. Initial
- VII. Electronic Monitoring is not included in this Agreement.
- VIII. Performance of Agreement: Commencement of performance by Contractor under this agreement is contingent on the following conditions:
 - A. If this is an initial agreement (new installation):
 - 1. Contractor's receipt of a fully executed original copy or facsimile of this agreement and all documentation requested by Contractor.
 - 2. Contractor's receipt of payment of the wastewater monitoring fee in accordance with the terms as described in Section XIV of this Agreement.
 - B. If this is not an initial agreement (existing system):
 - 1. Contractor's receipt of a fully executed original copy of this agreement and all documentation requested by Contractor.
 - 2. Contractor's receipt of payment of the wastewater monitoring fee in accordance with the terms as described in Section XIV of this Agreement.
 - C. If the above conditions are not met, Contractor is not obligated to perform any portion of this agreement.
- IX. Customer's Responsibilities: The Customer is responsible for each and all of the following:
 - A. Provide all necessary yard or lawn maintenance and the removal of all obstacles, including but not limited to dogs and other animals, vehicles, trees, brush, trash or debris, as needed to allow the OSSF to function properly, and to allow Contractor safe and easy access to all parts of the OSSF.
 - B. Protect equipment from physical damage including but not limited to that damage caused by insects.
 - C. Maintain a current license to operate, and abide by the conditions and limitations of that license, and all requirements for an on-site sewage facility (OSSF) from the State and/or local regulatory agency, whichever are more stringent, as well as proprietary system's manufacturer recommendations.
 - D. Notify Contractor immediately of any and all alarms, and/or any and all problems with, including failure of, the OSSF.
 - E. Provide, upon request by Contractor, water usage records for evaluation by Contractor as to the performance of the OSSF.
 - F. Allow for samples at both the inlet and outlet of the OSSF to be obtained by Contractor for the purpose of evaluating the OSSF's performance. If these samples are taken to a laboratory for testing, with the exception of the service provided under Section V, sub-section D, above, Customer agrees to pay Contractor for sample collection and transportation, portal to portal, at a rate of \$35 per hour, plus the associated fees for laboratory testing.
 - G. Prevent the backwash or flushing of water treatment or conditioning equipment from entering the OSSF.
 - H. Prevent the condensate from air conditioning or refrigeration units, or the drains of ice makers, from hydraulically overloading the aerobic treatment units. Drain lines may discharge into the surface application pump tank if approved by system designer.
 - I. Provide for pumping and cleaning of tanks and treatment units, when and as recommended by Contractor, at Customer's expense.
 - J. Maintain site drainage to prevent adverse effects on the OSSF.
 - K. Pay promptly and fully, all Contractor's fees, bills, or invoices as described herein.
- X. Access by Contractor: Contractor is hereby granted an easement to the OSSF for the purpose of performing services described herein. Contractor may enter the property during Contractor's normal business hours and/or other reasonable hours without prior notice to Customer to perform the Services and/or repairs described herein. Contractor shall have access to the OSSF electrical and physical components. Tanks and treatment units shall be accessible by means of man ways, or risers and removable covers, for the purpose of evaluation as required by State and/or local rules and the proprietary system manufacturer. If not an initial agreement (new installation) and this access is not in place or provided for by the customer, the costs for the labor of excavation, and possibly other labor and materials costs, will be required. These costs shall be billed to Customer as an additional service at a rate of \$35 per hour, plus materials at list price. Excavated soil shall be replaced as best as Contractor can at the time such service is performed and under no circumstances is Contractor responsible for damages to sod, grass, roots, landscaping, or any unmarked underground items (telephone, television, or electric cables, water, air, or gas lines, etc.), or for the uneven settling of the soil.
- XI. Limit of Liability: Contractor shall not be held liable for any incidental, consequential, or special damages, or for economic loss due to expense, or for loss of profits or income, or loss of use to Customer, whether in contract tort or any other theory. In no event shall Contractor be liable in an amount exceeding the total Fee for Services amount paid by Customer under this Agreement.
- XII. Severability: If any provision of this "Proposal and Contract" shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court finds that any provision of this "Agreement" is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.
- XIII. Fee for Services: The fee does not include any equipment, materials, or labor necessary for non-warranty repairs or for unscheduled, Customer requested visits to the site.
- XIV. Payment: Full amount due upon signature (Required of new Customer). Payment of invoice(s) for any other service or repair provided by contractor is due upon receipt of invoice. Invoices are mailed on the date of invoice. All payments not received within thirty (30) days from the invoice date will be subject to a \$29.00 late penalty and a 1.5% per month carrying charge, as well as any reasonable attorney's fees, and all collection and court costs incurred by Contractor in collection of unpaid debt(s). Contractor may terminate contract at any time for nonpayment for services. Any check returned to Contractor for any reason will be assessed a \$30.00 returned check fee.
- XV. Application or Transfer of payment: The fees paid for this agreement may transfer to the subsequent property owner(s); however this agreement is not transferable. Customer will advise subsequent property owner(s) of the state requirement that they sign a replacement agreement authorizing Contractor to perform the herein described Services, and accepting Customer's Responsibilities. This replacement Agreement must be signed and received in Contractor's offices within ten (10) business days of date of transfer of property ownership. Contractor will apply all funds received from Customer first to any past due obligations arising from this Agreement including late fees or penalties, returned check fees, and/or charges for services or repairs not paid within thirty (30) days of invoice date. Any remaining monies shall be applied to the funding of the replacement Agreement. The consumption of funds in this manner may cause a reduction in the termination date of effective coverage per this agreement. See Section IV.
- XVI. Entire Agreement: This agreement contains the entire agreement of the parties, and there are no other promises or conditions in any other agreement, oral or written.

Wade A Cloud Date _____ Texas Installer II License number OS24590. Kerry Kirby Customer Signature Date 7-1-12

KIRBY RESIDENCE

1341 MIRA MONTE
MONTEOLA SUBDIVISION
BULVERDE, TEXAS 78163

<h1 style="font-size: 2em;">A.1</h1>	SHEET TITLE COVER SHEET	JOB NO.: 4823 - CP04 DATE: APRIL 09, 2018 REVISED DATE: JANUARY 06, 2019 DESIGN / CHECKED BY: C.F.	<h2 style="font-size: 1.5em;">KIRBY RESIDENCE</h2> <p>1341 MIRA MONTE MONTEOLA SUBDIVISION BULVERDE, TEXAS 78163</p>	<p>OF DS OSCAR E FLORES DESIGN STUDIO</p> <p>1100 W. 19th Street, Suite 100, Fort Worth, Texas 76116 Phone: 817.339.4666 Fax: 817.339.4671 oscar@ofdsdesignstudio.com www.ofdsdesignstudio.com</p>	<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ISSUED</td> <td>04-09-18</td> </tr> <tr> <td>2</td> <td>REVISED</td> <td>01-06-19</td> </tr> <tr> <td>3</td> <td>REVISED</td> <td>01-06-19</td> </tr> <tr> <td>4</td> <td>REVISED</td> <td>01-06-19</td> </tr> </tbody> </table>	NO.	REVISION DESCRIPTION	DATE	1	ISSUED	04-09-18	2	REVISED	01-06-19	3	REVISED	01-06-19	4	REVISED	01-06-19	 <p>todd glowika builder inc.</p>	<p><small>THIS DOCUMENT IS THE PROPERTY OF OSCAR E FLORES DESIGN STUDIO. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR DISTRIBUTION OF THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF OSCAR E FLORES DESIGN STUDIO IS STRICTLY PROHIBITED. © 2018 OSCAR E FLORES DESIGN STUDIO. ALL RIGHTS RESERVED.</small></p>
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4	REVISED	01-06-19																				
				EXPIRATION DATE: SEPTEMBER 2019																		

SITE EVALUATION AND CALCULATIONS

Site Evaluation:

Soil Texture: Silty clay loam
Soil Structure: Blocky
Soil Depth: 0" to 24"
Restrictive Horizon: Rock Horizon from 0" to 24" below surface
Groundwater: None encountered
Topography: More than 2% slope on site of drainfield

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Determination: Site was determined to have a Class III soil. There was no encountered groundwater. Due to the rock over the drainfield area an aerobic treatment unit followed by spray irrigation will be installed. The spray area will be controlled by a commercial irrigation timer.

Calculations:

System is designed for a 4 bedroom residence with a living area of 5116 sq. ft. Water saving devices are used throughout.

$$Q = 420 \text{ gpd}$$

A NuWater Model B-800 aerobic treatment system, or equal, shall be installed. It has built in pre-treatment, and pump tanks. The aerobic unit shall be followed by a spray irrigation system. (Reference the System Layout) Chlorinator is required for water entering pump tank compartment. Liquid type chlorination shall be used.

$$R_i = 0.061 \text{ gal. / sq. ft. / day, (For location in Comal County)}$$

$$A = Q / R_i, \quad A = (420 \text{ gal. / day}) / (0.061 \text{ gal. / sq. ft. / day}) = 6563 \text{ sq. ft.}$$

calculations continued on next page....

Owner Kerry Kirby

Drawn by: Corey E. Mangold

Location Comal County, Texas

Drawing No. 100-6934



MANGOLD Engineering Company

5596 CR 5710

Devine, TX 78016

Phone: (830) 931-0400

FIRM NO. 5549

Date: 7/15/18

Scale: None

Sheet 1 of 6



SITE EVALUATION AND CALCULATIONS

Calculations:

Install 2 sprinklers. The sprinklers are Hunter low angle type, with nozzle and spray radii as shown on the System Layout. See System Layout for spray pattern.

Proposed total area = 6842 sq. ft.

Overlap and masked area: 0 sq. ft.

Actual covered area = 6842 sq. ft. (Covered area is greater than required area.)

A 1" ball valve will be installed just downstream of the pump either inside of or outside of the pump tank compartment. The ball valve shall be used to adjust the spray radius(radii) of the sprinkler(s) to the value(s) shown on the System Layout. (Reference the attached data for pump curves and nozzle data.)

NOTES FOR INSTALLER (if applicable):

Do not connect water softener back-wash to septic system.

The TCEQ allows washing machine water to be discharged without treatment into a separate gray water system, unless the water contains human waste. Running this water out separate from the septic system can prolong the life of the system.

Areas where tanks and drainfields / spray areas are located shall be built-up or drained so that no ponding of water occurs in these areas.

The design application rate is 0.061 gallons / sq. ft. / day

Dosing cycle quantity is 420 gallons, average. Use a commercial irrigation timer.

The number of dosing cycles per day is one (1).

Owner Kerry Kirby

Location Comal County, Texas

Drawn by: Corey E. Mangold

Drawing No. 100-6934



MANGOLD Engineering Company

5596 CR 5710
Devine, TX 78016
Phone: (830) 931-0400

FIRM NO. 5549

Date: 7/15/18

Scale: None

Sheet 2 of 6



SITE EVALUATION AND CALCULATIONS

The design pressure at each sprinkler head is 30 to 40 psig.

The total length of supply pipe is as shown on the System Layout

Means of preventing siphoning is an anti-siphon valve.

Diameter of supply line is as shown on the System Layout.

Flow control valve is required downstream of the pump.

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NOTES TO OWNER OF SYSTEM:

MAINTENANCE AND MANAGEMENT PRACTICES (if applicable):

An OSSF should not be treated as if it were a normal city sewer system.

The excessive use of in-sink garbage grinders and grease discarding should be avoided.

Do not use the toilet to dispose of cleaning tissues, cigarette butts, or other trash.

Septic tanks shall be cleaned before sludge accumulates to a point where it approaches the bottom of the outlet device, to prevent solids from exiting the tank with the liquid.

Septic tanks should be cleaned every two-to-three years to prevent excessive sludge buildup.

Do not build driveways, storage buildings, or other structures over the treatment works or its disposal field.

Chemical additives or the so-called enzymes are not necessary for the operation of a septic tank. Some of these additives may be harmful to the tank's operation.

continued next page.....

Owner Kerry Kirby

Drawn by: Corey E. Mangold

Location Comal County, Texas

Drawing No. 100-6934



MANGOLD Engineering Company

5596 CR 5710

Devine, TX 78016

Phone: (830) 931-0400

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SITE EVALUATION AND CALCULATIONS

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Soaps, detergents, bleaches, drain cleaners, and other household cleaning materials will very seldom affect the operation of the system. However, moderation should be exercised in the use of such materials.

It is not advisable to allow water softener back flush to enter into any portion of the OSSF.

Except for Aerobic systems, the liquid from the OSSF is still heavily laden with bacteria. Contact with this liquid should be avoided, if it surfaces.

WATER CONSERVATION MEASURES (if applicable):

Showers usually use less water than baths. Install a water saving shower head that uses less than 2 1/2 gallons per minute and saves both water and energy.

If you take a tub bath, reduce the level of water in the tub from the level to which you customarily fill it.

Leaky faucets and faulty toilet fill-up mechanisms should be repaired as quickly as possible.

Check toilets for leaks that may not be apparent. Add a few drops of food coloring to the tank. Do not flush. If the color appears in the bowl within a few minutes, the toilet fill or ball-cock valve needs to be adjusted to prevent water from overflowing the stand pipe, or the flapper at the bottom of the toilet tank needs to be replaced.

Reduce the amount of water used for flushing the toilet by installing one of the following: a new toilet (1.6 gallon); a toilet tank dam; or filling and capping one-quart plastic bottles with water (usually one is all that will fit in smaller toilet tanks) and lowering them into the tank of the existing 3.5 gallon or larger toilet. Do not use bricks since they may crumble and cause damage to the fixture.

continued next page.....

Owner Kerry Kirby

Drawn by: Corey E. Mangold

Location Comal County, Texas

Drawing No. 100-6934



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Devine, TX 78016
Phone: (830) 931-0400

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Date: 7/15/18

Scale: None

Sheet 4 of 6

SITE EVALUATION AND CALCULATIONS

Try to run the dishwasher with a full load, whenever possible.

Avoid running the water continuously for brushing teeth, washing hands, rinsing kitchen utensils, or for cleaning vegetables.

Use faucet aerators that restrict flow to no more than 2.2 gallons per minute to reduce water consumption.

Keep a container of drinking water in the refrigerator instead of running the faucet until the water turns cool.

Insulate all hot water pipes to avoid long delays of wasted water while waiting for the heated water.

Ask your city, county, or local government about their programs to conserve water, and how they can help you save water.

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Owner Kerry Kirby

Drawn by: Corey E. Mangold

Location Comal County, Texas

Drawing No. 100-6934



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Phone: (830) 931-0400

FIRM NO. 5549

Date: 7/15/18

Scale: None

Sheet 5 of 6



MANGOLD ENGINEERING COMPANY WILL NOT BE RESPONSIBLE FOR THE CONSEQUENCES OF THE USE OF ANY PART OF THE ENGINEERING OF THIS SEPTIC SYSTEM BEFORE THE ENGINEERING HAS BEEN COMPLETELY AND FINALLY APPROVED BY THE APPROPRIATE COUNTY AUTHORITY IN THE COUNTY FOR WHICH IT IS INTENDED. IF TEST HOLES WERE NOT PRESENT DURING THE SITE-EVALUATION, THE OWNER/INSTALLER SHALL BE RESPONSIBLE FOR DIGGING TEST HOLES AND CONTACTING MANGOLD ENGINEERING COMPANY PRIOR TO ANY USE OF THIS ENGINEERING DESIGN.

1" FLOW CONTROL VALVE TO ADJUST THE SPRAY RADIUS OF THE SPRINKLER TO THE VALUE SHOWN ON THIS DRAWING. INSTALL IN PUMP TANK.

FLOAT SETTINGS & DISTANCES ABOVE THE INSIDE BOTTOM OF THE PUMP COMPT. ARE AS FOLLOWS:

ON: 17" - 274 GAL.
OFF: 16" - 258 GAL.
ALARM LEVEL: 44" - 710 GAL.
TANK INLET: 53" - 854 GAL.

DISTANCE BETWEEN ALARM LEVEL & TANK INLET IS 9" WHICH CORRESPONDS TO 145 GAL.

SOIL EVALUATION POINTS

HUNTER #9 LOW ANGLE NOZZLE (TYP.)

APPROXIMATE LOCATION OF DRAINAGE EASEMENT. SCALED PER PLAT.

THERE ARE NO SHARP SLOPES WHERE SEEPS MAY OCCUR, AND NO FLOWS W/ VELOCITIES WHICH WOULD DAMAGE THE SYSTEM. PIPES SHALL BE MARKED ACCORDING TO TCEQ REQUIREMENTS WHEN ENTERING AND EXITING THE EASEMENT.

NUWATER MODEL B-800 AEROBIC TREATMENT SYSTEM W/ PRE-TREATMENT TANK & 854 GAL. PUMP TANK.

TWO WAY CLEANOUT BETWEEN HOUSE & ATU

SYSTEM LAYOUT

Scale: 1" = 60'

WHERE A WATER LINE IS CLOSER THAN 10' TO A WASTEWATER MAIN, THE WATER LINE SHALL BE CASED INSIDE OF A SCH 40 PVC PIPE SUCH THAT THE ENDS OF THE CASING ARE AT LEAST 10' AWAY FROM THE WASTEWATER MAIN. IN ADDITION, IF THE LINES CROSS, THE WATER LINE SHALL BE AT LEAST 6" ABOVE THE WASTEWATER MAIN.

ALL SPRINKLERS ARE HUNTER PGP TYPE W/ LOW ANGLE NOZZLES

THE DISTRIBUTION LINE TO THE SPRINKLERS IS A 1" DIA. SCH 40 PVC LINE

SOIL SHALL BE PRESENT OVER ENTIRE SEPTIC SYSTEM SPRAY AREA. SPRAY AREA SHALL BE SEEDED WITH GRASS, EVERGREEN SHRUBS, BUSHES, TREES, OR LANDSCAPED BEDS CONTAINING MIXED VEGETATION MAY ALSO BE ADDED TO THE SPRAY AREA.

NOTES:

SLOPE OF INFLOW LINE TO TANK IS 1/8 INCH PER FOOT RUN. PIPE IS 4" DIA. SCH 40 PVC.

PRE-TREATMENT TANK IS BUILT ONTO THE AEROBIC TREATMENT UNIT. NO ADDITIONAL TRASH TANK IS REQUIRED IN THIS SYSTEM.

SYSTEM WILL BE INSPECTED BY COUNTY INSPECTOR IN ACCORDANCE WITH CURRENT COUNTY INSPECTION PROCEDURES.

I CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THIS OSSF DEISGN WILL COMPLY WITH ALL PROVISIONS OF THE PROPOSED CONTRIBUTING ZONE PLAN.

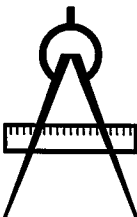
- * Septic tank must be a minimum of 50' from any water well. Closest distance from any part of spray area to water well must be 100' minimum, unless well is pressure cemented.
- Minimum setback of spray area from property lines is 20'.
- Minimum separation distance between septic tank or spray area and water supply lines is 10'.
- Setback of spray area from lakes, streams, ponds, and rivers is 50' minimum.

Owner Kerry Kirby

Drawn by: Corey E. Mangold

Location See sheet #1

Drawing No. 100-6934A



MANGOLD Engineering Company
5596 CR 5710
Devine, TX 78016
Phone: (830) 931-0400

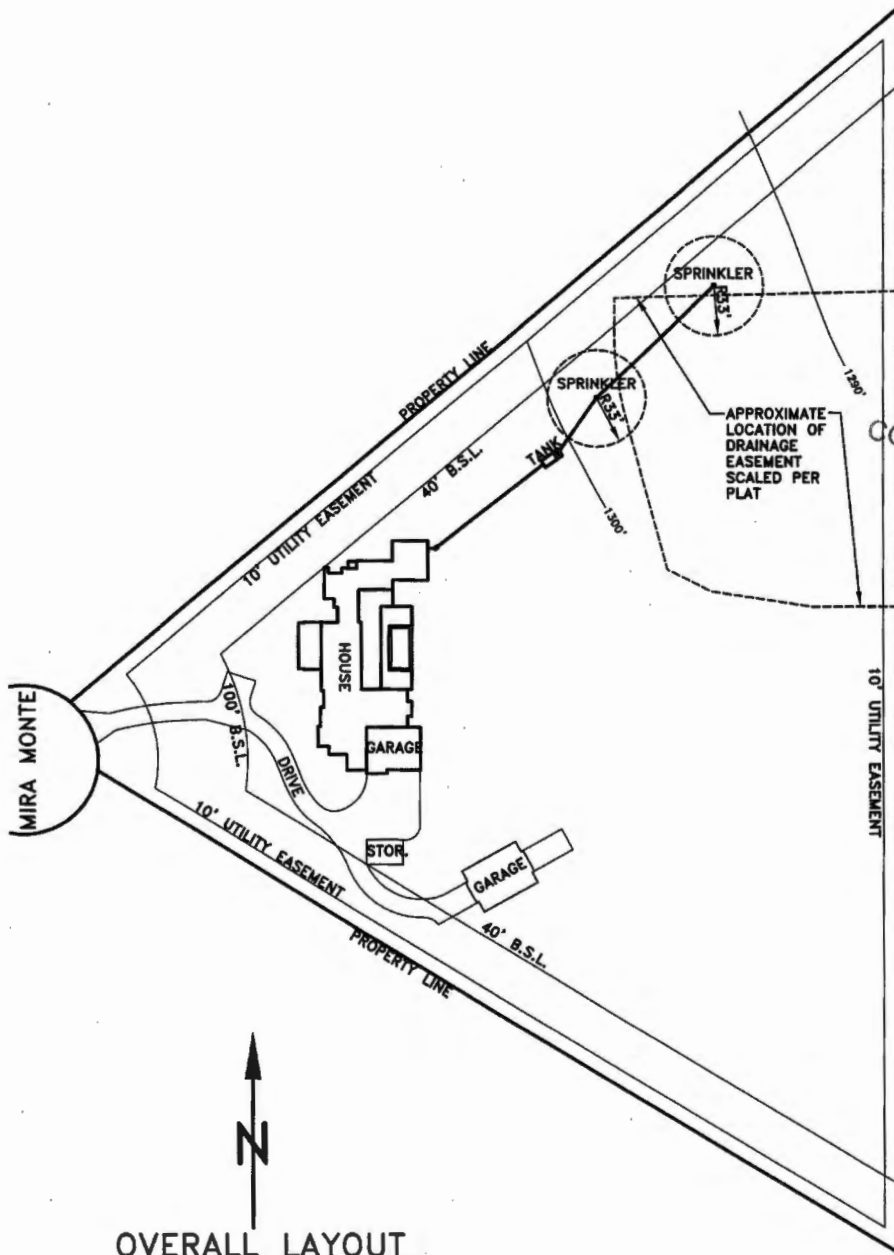
FIRM NO. 5549

Date: 9/19/18

Scale: Noted

Sheet 6 of 6





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OVERALL LAYOUT
 Scale: 1" = 100'

MANGOLD Engineering Company
 Owner Kerry Kirby
 Location Comal County, Texas
 Drawing No. 100-6934-OA
 Date: 7/15/18
 Scale: 1" = 100'
 Drawn by: Corey E. Mangold
 Sheet 1 of 1



FIRM NO. F-554.9

Assembly Details

OSSF

DIMENSIONS:

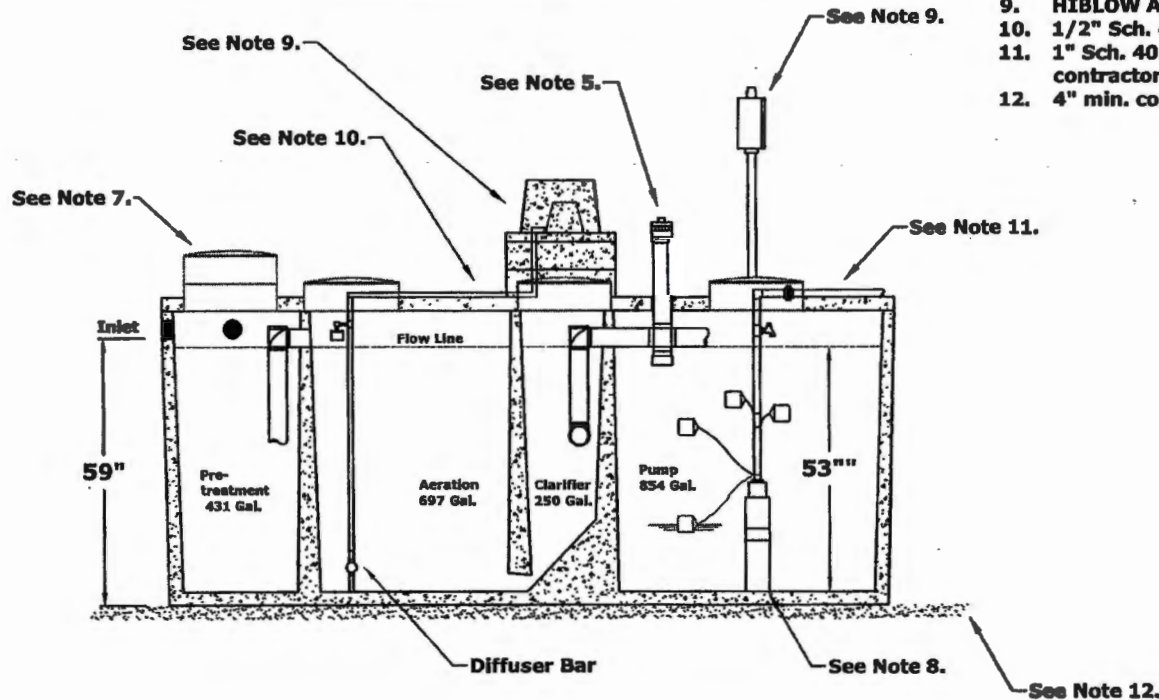
Outside Height: 67"
 Outside Width: 75"
 Outside Length: 164.5"

MINIMUM EXCAVATION DIMENSIONS:

Width: 87"
 Length: 177"

GENERAL NOTES:

1. Plant structure material to be precast concrete and steel.
2. Maximum burial depth is 30" from slab top to grade.
3. Weight = 16,700 lbs.
4. Treatment capacity is 800 GPD. Pump compartment set-up for a 420 GPD Flow Rate (5 bedroom, < 4,501 sq/ft living area). Please specify for additional set-up requirements. BOD Loading = 2.60 lbs. per day.
5. Standard tablet chlorinator or Optional Liquid chlorinator. NSF approved chlorinators (tablet & liquid) available.
6. Bio-Robix B-800 Control Center w/ Timer for night spray application. Optional Micro Dose (min/sec) timer available for drip applications. Electrical Requirement to be 115 Volts, 60 Hz, Single Phase, 30 AMP, Grounded Receptacle.
7. 20" Ø access riser w/ lid (Typical 4). Optional extension risers available.
8. 20 GPM 1/2 HP, high head effluent pump.
9. HIBLOW Air Compressor w/ concrete housing.
10. 1/2" Sch. 40 PVC Air Line (Max. 50 Lft from Plant).
11. 1" Sch. 40 PVC pipe to distribution system provided by contractor.
12. 4" min. compacted sand or gravel pad by Contractor



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AUG 20 2018

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NO WATER

Bio-Robix B-800
Aerobic Treatment Plant (Assembled)

Model: B-800

March, 2010
 By: A.S.

Scale:
 * All dimensions subject to allowable specification tolerances.

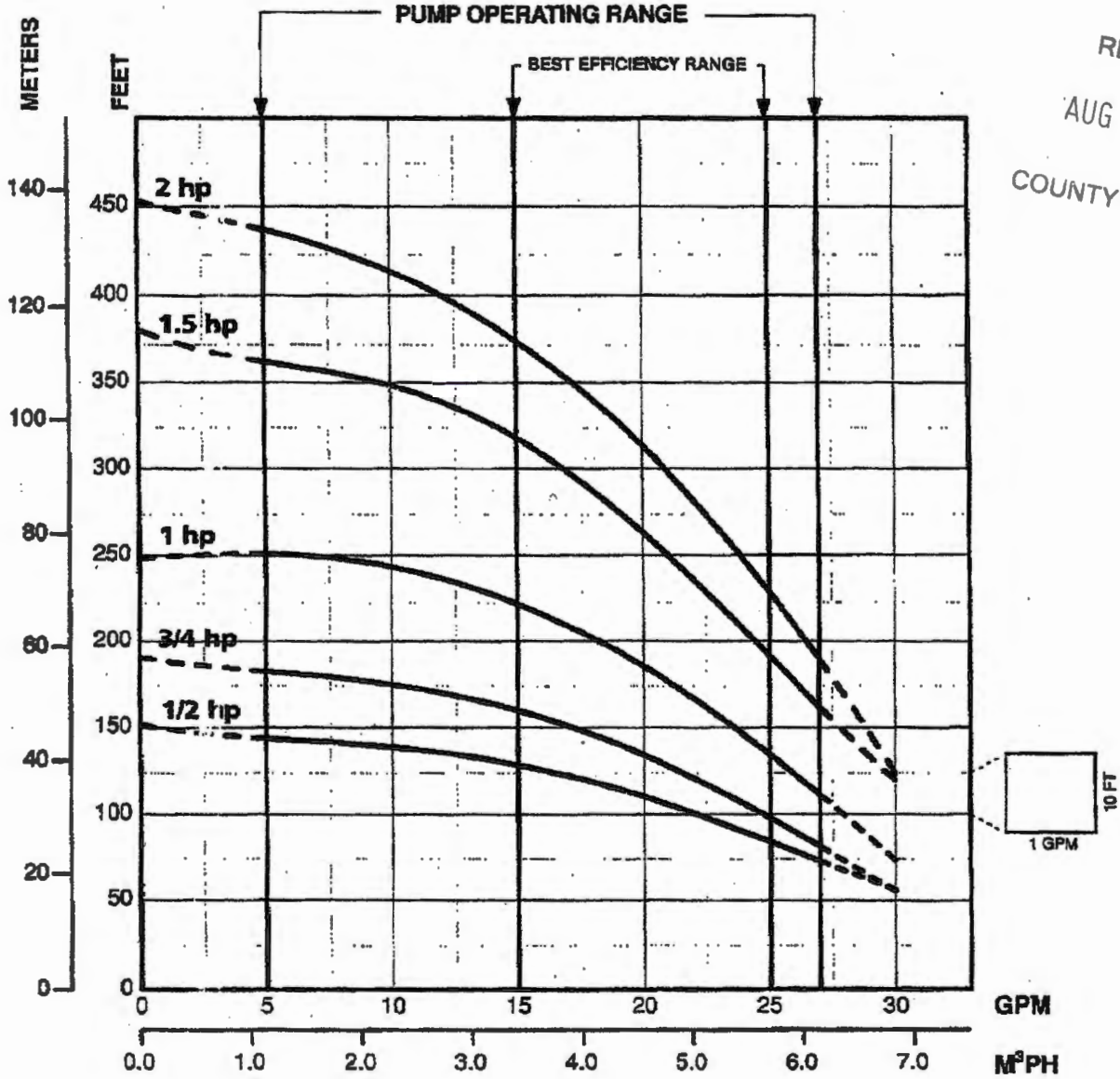
Dwg. #: ADV-B800-2

Advantage
 Wastewater Solutions LLC

Advantage Wastewater Solutions LLC
 444 A Old Hwy No 9
 Comfort, TX 78013
 830-995-3189
 fax 830-995-4051

Submersible Pumps

E-Series Environmental Pumps Thermoplastic - 20 GPM Performance Curves



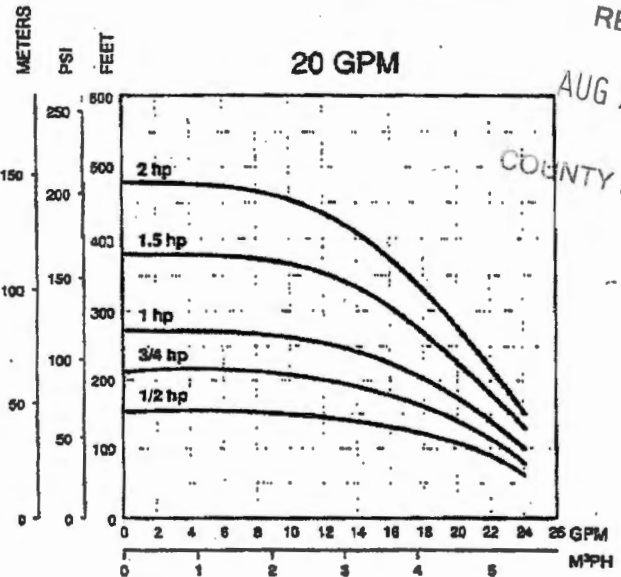
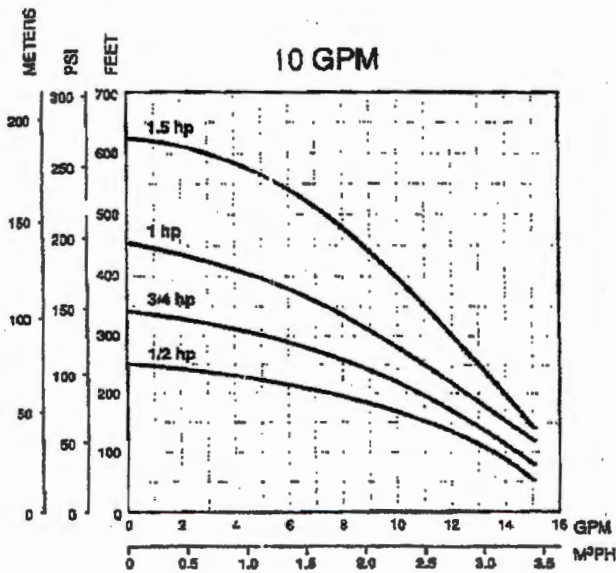
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Thermoplastic Performance

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Thermoplastic Units Ordering Information

1/2 - 1.5 HP Single-Phase Units

Order No.	Model	GPM	HP	Volt	Wire	Wt.
94741005	10FE05P4-2W115	10	1/2	115	2	24
94741010	10FE05P4-2W230	10	1/2	230	2	24
94741015	10FE07P4-2W230	10	3/4	230	2	28
94741020	10FE1P4-2W230	10	1	230	2	31
94741025	10FE15P4-2W230	10	1.5	230	2	46
94742005	20FE05P4-2W115	20	1/2	115	2	25
94742010	20FE05P4-2W230	20	1/2	230	2	25
94742015	20FE07P4-2W230	20	3/4	230	2	28
94742020	20FE1P4-2W230	20	1	230	2	31
94742025	20FE15P4-2W230	20	1.5	230	2	40

Thermoplastic 1/2 - 2 HP Pump Ends

Order No.	Model	GPM	HP	Volt	Wire	Wt.
94751005	10FE05P4-PE	10	1/2	N/A	N/A	6
94751010	10FE07P4-PE	10	3/4	N/A	N/A	7
94751015	10FE1P4-PE	10	1	N/A	N/A	8
94751020	10FE15P4-PE	10	1.5	N/A	N/A	12
94752005	20FE05P4-PE	20	1/2	N/A	N/A	6
94752010	20FE07P4-PE	20	3/4	N/A	N/A	7
94752015	20FE1P4-PE	20	1	N/A	N/A	8
94752020	20FE15P4-PE	20	1.5	N/A	N/A	10
94752025	20FE2P4-PE	20	2	N/A	N/A	11

PGP Low Angle Nozzle (Gray) Performance Data

Nozzle	Pressure	Radius	Flow	Precip in/hr	
	PSI	ft.	GPM	■	▲
4	30	22'	1.4	0.56	0.64
	40	24'	1.7	0.57	0.66
	50	26'	1.8	0.51	0.59
	60	28'	2.0	0.49	0.57
5	30	25'	1.6	0.49	0.57
	40	27'	1.9	0.50	0.58
	50	28'	2.1	0.52	0.60
	60	30'	2.3	0.49	0.57
6	30	27'	2.1	0.55	0.64
	40	30'	2.5	0.53	0.62
	50	33'	2.8	0.49	0.57
	60	35'	3.0	0.47	0.54
7	30	29'	2.8	0.64	0.74
	40	32'	3.1	0.58	0.67
	50	35'	3.5	0.55	0.64
	60	37'	3.8	0.53	0.62
8	30	31'	3.4	0.68	0.79
	40	34'	3.9	0.65	0.75
	50	37'	4.4	0.62	0.71
	60	38'	4.7	0.63	0.72
9	30	33'	4.3	0.76	0.88
	40	37'	5.0	0.70	0.81
	50	40'	5.6	0.67	0.78
	60	42'	6.1	0.67	0.77
10	40	38'	6.5	0.87	1.00
	50	40'	7.3	0.88	1.01
	60	42'	8.0	0.87	1.01
	70	44'	8.6	0.86	0.99

P Blank nozzle plug for turning off selected sprinklers during repairs, maintenance, etc.

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DATA SHEET

No. of Bedrooms or explanation: 4 bedroom residence

Acres: Unknown

Name and Mailing: Kerry Kirby
Address of owner 1970 Oak Land Bend
San Antonio, Tx 78258

Phone Number(s): 830-229-5565

Subdivision: Monteola

Lot, Block, Unit: Lot 18, Block 1

9-1-1 Address: 1341 Mira Monte
Bulverde, Tx 78163

County: Comal

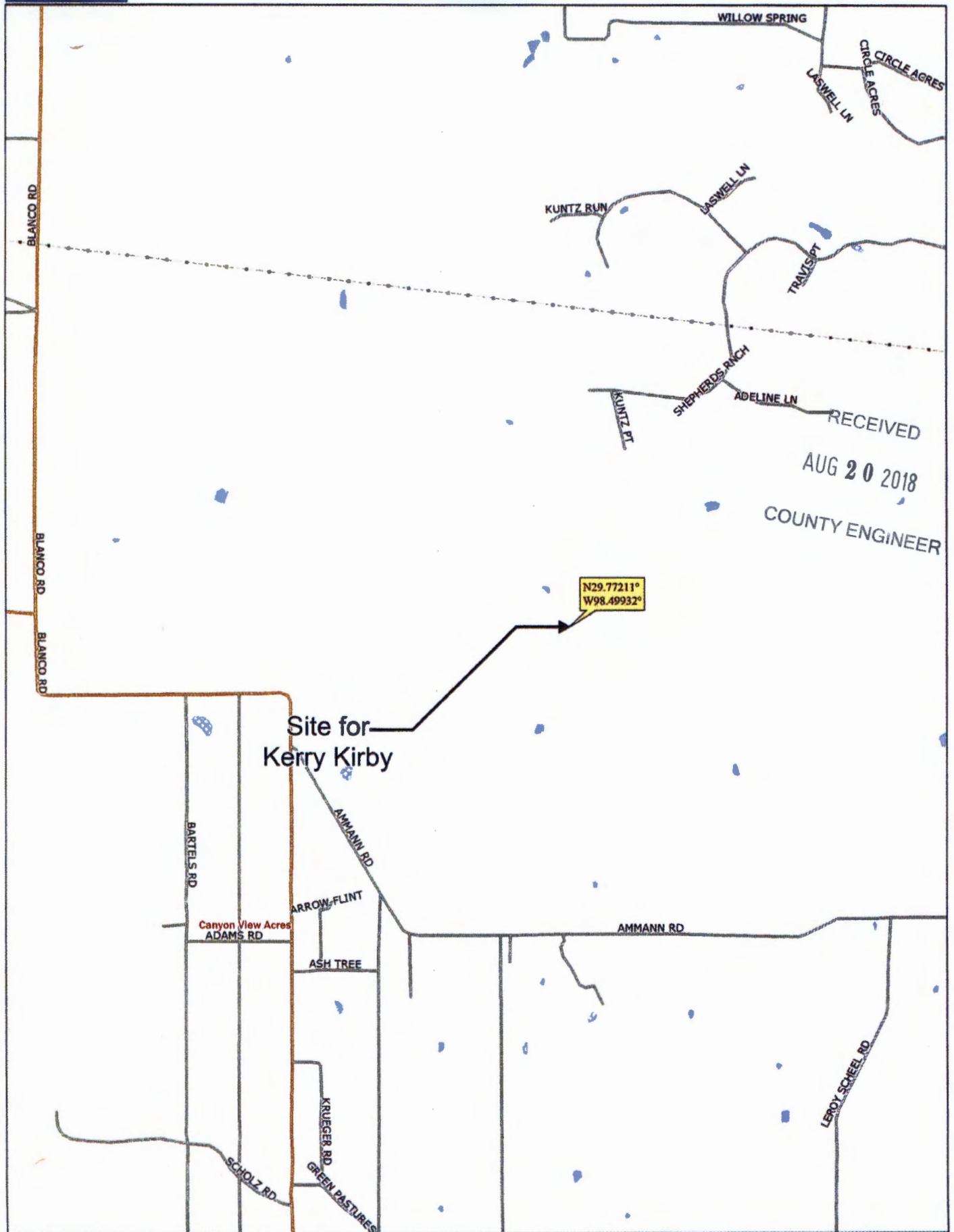
Type of system: Aerobic NuWater B-800

Installer: Charles L. Byrd

House size: 5116 Sq. Ft.

This septic system is located in the Edwards Aquifer Contributing Zone

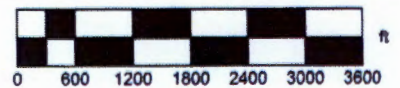
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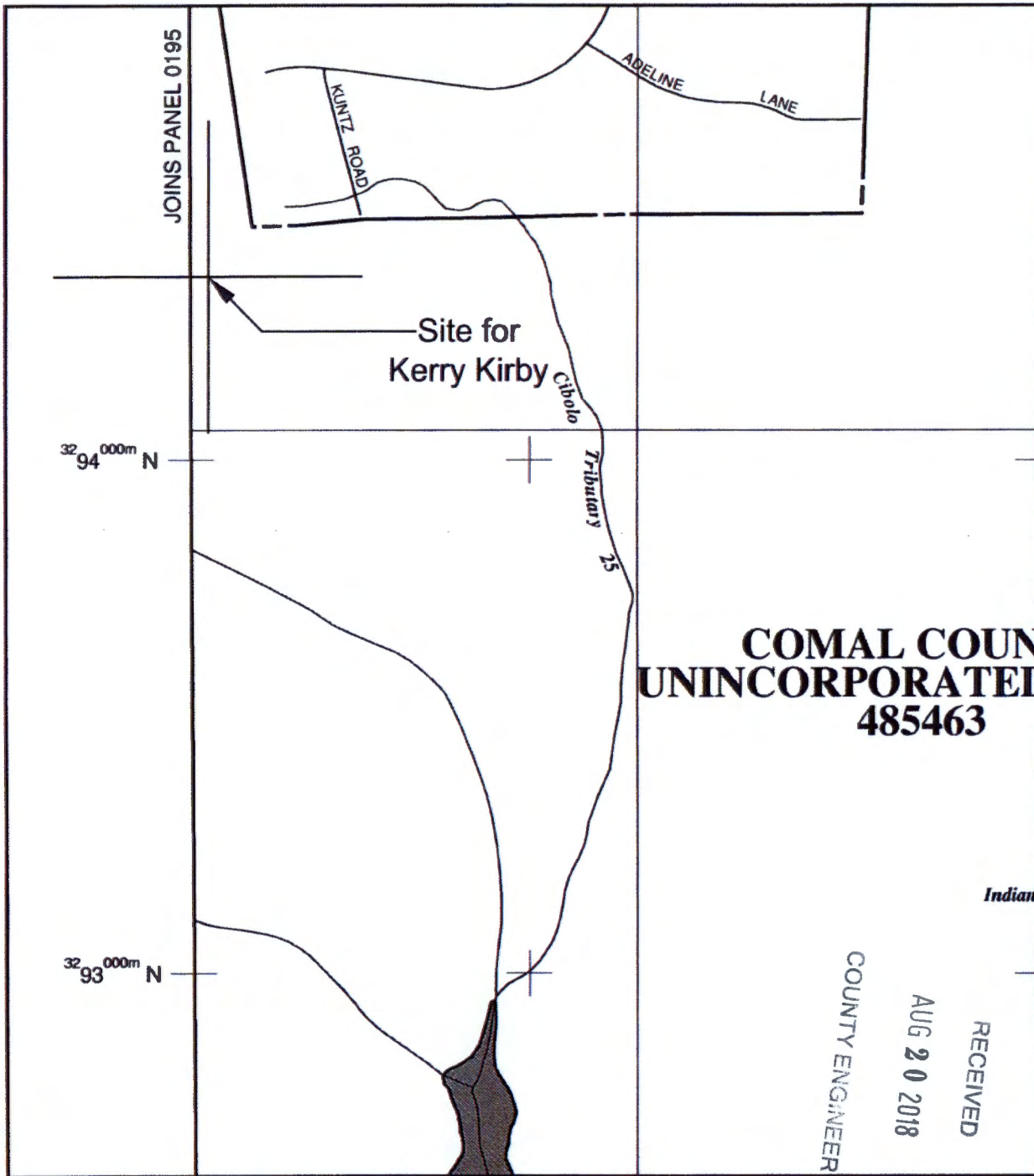
Data use subject to license.

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www.delorme.com



Data Zoom 13-1



COMAL COUNTY UNINCORPORATED AREAS
485463

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Indian

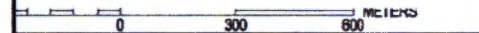
NATIONAL FLOOD INSURANCE PROGRAM

the Flood Insurance Study report for this jurisdiction.

Information is available in this community, contact your insurance agent or the National Flood Insurance Program at 1-800-638-6620.



MAP SCALE 1" = 1000'



PANEL 0215F

FIRM
FLOOD INSURANCE RATE MAP
COMAL COUNTY,
TEXAS
AND INCORPORATED AREAS

PANEL 215 OF 505
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
COMAL COUNTY	485463	0215	F
BULMERDE, CITY OF	481681	0215	F

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
48091C0215F
 EFFECTIVE DATE
SEPTEMBER 2, 2009

Federal Emergency Management Agency





This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

From: Ritzen, Brenda
To: ["kirby@archdiv8.com"](mailto:kirby@archdiv8.com)
Cc: ["jeanne@tgbuilder.com"](mailto:jeanne@tgbuilder.com)
Subject: Permit 108003
Date: Tuesday, August 28, 2018 4:01:00 PM
Attachments: [Page from 108003.pdf](#)

Re: Kerry & Marie Kirby
Monteola Lot 18 Block 1
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:

1.  The owner name on the permit application must match the owner name as described on the recorded warranty deed. Add Marie to the permit application.
2.  Submit a pump tank detail identifying the location and height of all pump tank settings, and indicating the minimum reserve capacity required.
3.  Show the 20 ft. setback to the property lines and correct the statement on the design from 10 ft. to 20 ft.
4.  A portion of the system is within the drainage easement. Indicate if there are any sharp slopes where seeps may occur or any flows with a velocity that may damage the system. Also, indicate that the pipe will be marked according to TCEQ requirements when entering and exiting the easement.
5. Revise 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

MANGOLD ENGINEERING COMPANY WILL NOT BE RESPONSIBLE FOR THE CONSEQUENCES OF THE USE OF ANY PART OF THE ENGINEERING OF THIS SEPTIC SYSTEM BEFORE THE ENGINEERING HAS BEEN COMPLETELY AND FINALLY APPROVED BY THE APPROPRIATE COUNTY AUTHORITY IN THE COUNTY FOR WHICH IT IS INTENDED. IF TEST HOLES WERE NOT PRESENT DURING THE SITE-EVALUATION, THE OWNER/INSTALLER SHALL BE RESPONSIBLE FOR DIGGING TEST HOLES AND CONTACTING MANGOLD ENGINEERING COMPANY PRIOR TO ANY USE OF THIS ENGINEERING DESIGN.

VOID

1" FLOW CONTROL VALVE TO ADJUST THE SPRAY RADIUS OF THE SPRINKLER TO THE VALUE SHOWN ON THIS DRAWING. INSTALL IN PUMP TANK.

I CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THIS OSSF DESIGN WILL COMPLY WITH ALL PROVISIONS OF THE PROPOSED CONTRIBUTING ZONE PLAN.

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HUNTER #9 LOW ANGLE NOZZLE (APP.)
COUNTY ENGINEER

APPROXIMATE LOCATION OF DRAINAGE EASEMENT. SCALED PER PLAT.

NUWATER MODEL B-800 AEROBIC TREATMENT SYSTEM W/ PRE-TREATMENT TANK & 854 GAL. PUMP TANK.

TWO WAY CLEANOUT BETWEEN HOUSE & ATU

SYSTEM LAYOUT
Scale: 1" = 60'

VOID

WHERE A WATER LINE IS CLOSER THAN 10' TO A WASTEWATER MAIN, THE WATER LINE SHALL BE CASED INSIDE OF A SCH 40 PVC PIPE SUCH THAT THE ENDS OF THE CASING ARE AT LEAST 10' AWAY FROM THE WASTEWATER MAIN. IN ADDITION, IF THE LINES CROSS, THE WATER LINE SHALL BE AT LEAST 6" ABOVE THE WASTEWATER MAIN.

ALL SPRINKLERS ARE HUNTER POP TYPE W/ LOW ANGLE NOZZLES

THE DISTRIBUTION LINE TO THE SPRINKLERS IS A 1" DIA. SCH 40 PVC LINE

SOIL SHALL BE PRESENT OVER ENTIRE SEPTIC SYSTEM SPRAY AREA. SPRAY AREA SHALL BE SEEDED WITH GRASS, EVERGREEN SHRUBS, BUSHES, TREES, OR LANDSCAPED BEDS CONTAINING MIXED VEGETATION MAY ALSO BE ADDED TO THE SPRAY AREA.

* Septic tank must be a minimum of 50' from any water well. Closest distance from any part of spray area to water well must be 100' minimum, unless well is pressure cemented.
Minimum setback of spray area from property lines is 10'.
Minimum separation distance between septic tank or spray area and water supply lines is 10'.
Setback of spray area from lakes, streams, ponds, and rivers is 50' minimum.

NOTES:

SLOPE OF INFLOW LINE TO TANK IS 1/8 INCH PER FOOT RUN. PIPE IS 4" DIA. SCH 40 PVC.

PRE-TREATMENT TANK IS BUILT ONTO THE AEROBIC TREATMENT UNIT. NO ADDITIONAL TRASH TANK IS REQUIRED IN THIS SYSTEM.

SYSTEM WILL BE INSPECTED BY COUNTY INSPECTOR IN ACCORDANCE WITH CURRENT COUNTY INSPECTION PROCEDURES.

Owner Kerry Kirby	Drawn by: Corey E. Mangold	
Location See sheet #1	Drawing No. 100-6934	
<p>MANGOLD Engineering Company 5596 CR 5710 Devine, TX 78016 Phone: (830) 931-0400</p>	Date: 7/15/18	
	Scale: Noted Sheet 6 of 6	
FIRM NO. 5549		

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

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

Date 6.28.2018

VOID

Permit # 168003

Owner Name Kerry Kirby
Mailing Address 1970 Oakland Bend
City, State, Zip San Antonio TX 78258
Phone # 210 367-0432
Email Kirby@archdiv8.com

Agent Name Todd Glowka Builder, Inc
Agent Address POBox 478
City, State, Zip Kendaalia TX 78027
Phone # 830 229 5545
Email Jeanne@tgbuilder.com

All correspondence should be sent to: Owner Agent Both

Method: Mail Email

Subdivision Name Montecola Unit _____ Lot 18 Block 1
Acreage/Legal lot 18, Block 1, Montecola, Comal City Texas
Street Name/Address 1341 Mira Monte City Bulverde Zip 78143

Type of Development:

Single Family Residential

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

Number of Bedrooms 4

Indicate Sq Ft of Living Area 5114

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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 _____

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

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.

Signature of Owner Kerry Kirby

Date 7-1-2018

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.

SPECIAL WARRANTY DEED

Date: March 23, 2018

Grantor: SCHROEDER VENTURES, LLC, a Texas limited liability company

Grantor's Mailing Address:

SCHROEDER VENTURES, LLC
257 W. Turbo
San Antonio, TX 78216
Bexar County

Grantee: Kerry Kirby and Marie Kirby

Grantee's Mailing Address:

Kerry Kirby and Marie Kirby
1970 Oakland Bend
San Antonio, TX 78258
Bexar County

Consideration: Cash and other consideration, the receipt and sufficiency of which are hereby acknowledged and confessed.

Property (including any improvements):

Lot 18, Block 1, MONTEOLA SUBDIVISION, situated in Comal County, Texas, according to the map or plat thereof recorded in Document No. 200806017064 of the Official Records of Comal County, Texas.

Reservations from Conveyance: For Grantor and Grantor's heirs, successors, and assigns forever, a reservation of all oil, gas, and other minerals in and under and that may be produced from the Property. If the mineral estate is subject to existing production or an existing lease, this reservation includes the production, the lease, and all benefits from it.

Exceptions to Conveyance and Warranty: Validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing instruments, other than conveyances of the surface fee estate, that affect the Property; and taxes for the current year, which Grantee assumes and agrees to pay, and subsequent assessments for

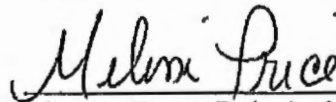
that and prior years due to change in land usage, ownership, or both, the payment of which Grantee assumes.

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof when the claim is by, through, or under Grantor but not otherwise, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

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

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

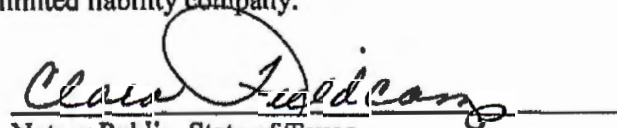
SCHROEDER VENTURES, LLC, a Texas limited liability company



MELISSA PRICE, Duly Authorized Representative

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

~~2017~~ This instrument was acknowledged before me on this 2nd day of April, 2017, by MELISSA PRICE, duly authorized representative of SCHROEDER VENTURES, LLC, a Texas limited liability company, on behalf of said limited liability company.



Notary Public, State of Texas

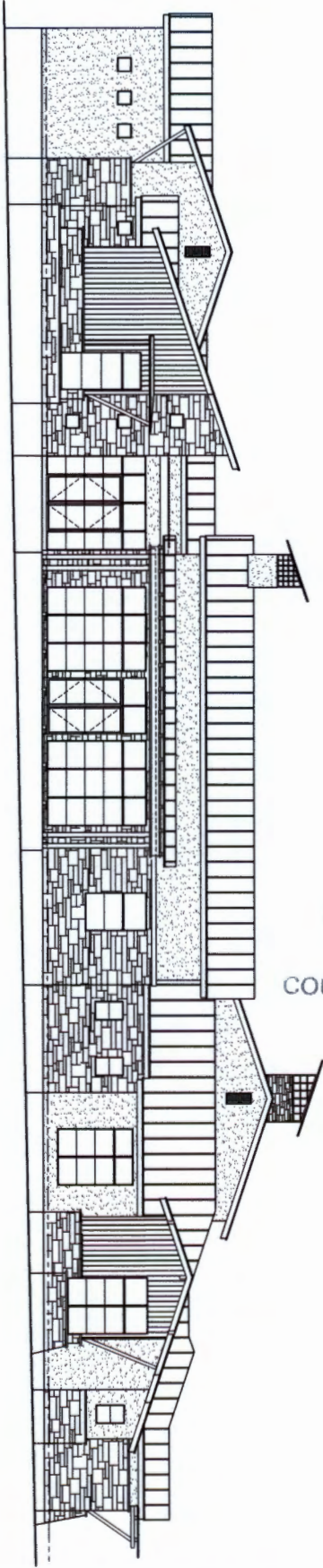
AFTER RECORDING RETURN TO:

Kerry Kirby and Marie Kirby
1970 Oakland Bend
San Antonio, TX 78258

Filed and Recorded
Official Public Records
Bobbie Koepp, County Clerk
Comal County, Texas
04/03/2018 08:23:46 AM
JESSICA 3 Pages(s)
201806012283



Bobbie Koepp



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GENERAL PROJECT NOTES

GENERAL PROJECT NOTES:

1. SEE ARCHITECTURAL AND MECHANICAL CONTRACTS FOR DETAILS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AGENCIES.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MCGRAW-HILL BUILDING CODES AND ALL APPLICABLE REGULATIONS.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES AT ALL TIMES.
5. PROTECT ALL EXISTING UTILITIES AND STRUCTURES PRIOR TO THE START OF WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING LANDSCAPE AND VEGETATION.
7. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A SAFE AND SOUND CONDITION AT ALL TIMES.
8. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
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R402.4.1.1 INSULATION

COMPONENT	INSULATION	INSTALLATION	NOTES
ROOF	R-30	SEE ARCHITECTURAL CONTRACT	SEE ARCHITECTURAL CONTRACT FOR DETAILS.
WALLS	R-15	SEE ARCHITECTURAL CONTRACT	SEE ARCHITECTURAL CONTRACT FOR DETAILS.
FLOOR	R-10	SEE ARCHITECTURAL CONTRACT	SEE ARCHITECTURAL CONTRACT FOR DETAILS.
CEILING	R-15	SEE ARCHITECTURAL CONTRACT	SEE ARCHITECTURAL CONTRACT FOR DETAILS.

2015 IRC AND IECC GENERAL NOTES:

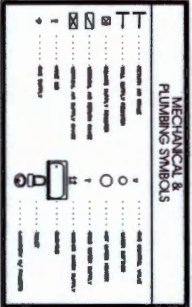
2015 IRC AND IECC GENERAL NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2015 INTERNATIONAL RESIDENTIAL CODE (IRC) AND THE 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC).
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AGENCIES.
3. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
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ELECTRICAL SYMBOLS



MECHANICAL & PLUMBING SYMBOLS



GENERAL NOTES

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24. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL UTILITIES AND ADJACENT PROPERTIES AT ALL TIMES.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXISTING LANDSCAPE AND VEGETATION.
26. THE CONTRACTOR SHALL MAINTAIN THE SITE IN A SAFE AND SOUND CONDITION AT ALL TIMES.

AREA TABULATION

AREA	AREA (SQ. FT.)	PERCENT OF TOTAL AREA
FIRST FLOOR	1,800	45.0%
SECOND FLOOR	1,800	45.0%
ROOF	1,800	45.0%
CEILING	1,800	45.0%
FLOOR	1,800	45.0%
CEILING	1,800	45.0%
FLOOR	1,800	45.0%
CEILING	1,800	45.0%
FLOOR	1,800	45.0%
CEILING	1,800	45.0%
FLOOR	1,800	45.0%
CEILING	1,800	45.0%

SHEET INDEX

SHEET NO.	SHEET TITLE
A.1	COVER SHEET
A.2	THIS SHEET
A.3	MECHANICAL & PLUMBING SYMBOLS
A.4	ELECTRICAL SYMBOLS
A.5	GENERAL NOTES
A.6	GENERAL PROJECT NOTES
A.7	MECHANICAL & PLUMBING PLAN
A.8	ELECTRICAL PLAN
A.9	MECHANICAL & PLUMBING PLAN
A.10	ELECTRICAL PLAN

KIRBY RESIDENCE

1341 MIRA MONTE
 MONTICLOA SUBDIVISION
 BULLVERDE, TEXAS 76163

OF DS
OSCAR E FLORES
DESIGN STUDIO
 1341 MIRA MONTE, SUITE 100
 MONTICLOA, TEXAS 76163
 TEL: 817-845-8800 FAX: 817-845-8801
 WWW.OFDSDESIGNSTUDIO.COM

NO.	REVISION DESCRIPTION	DATE
1	ISSUED FOR PERMITS	09-10-18
2	ISSUED FOR CONSTRUCTION	09-10-18
3	ISSUED FOR CONSTRUCTION	09-10-18
4	ISSUED FOR CONSTRUCTION	09-10-18

EXPIRATION DATE: SEPTEMBER 2019

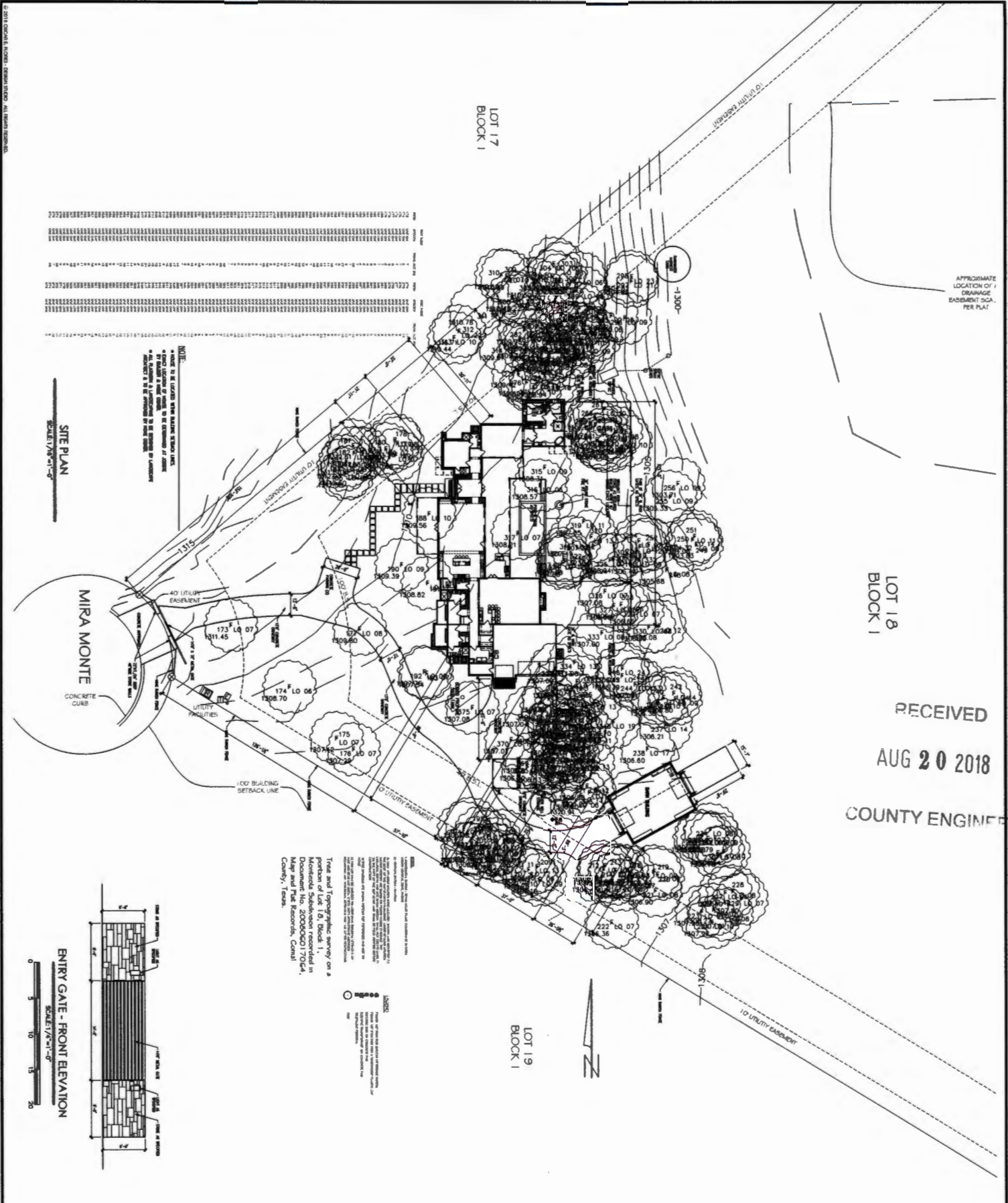


NO.	REVISION DESCRIPTION	DATE
1	ISSUED FOR PERMITS	09-10-18
2	ISSUED FOR CONSTRUCTION	09-10-18
3	ISSUED FOR CONSTRUCTION	09-10-18
4	ISSUED FOR CONSTRUCTION	09-10-18

A.2
 SHEET 2 OF 12

SHEET TITLE
COVER SHEET

JOB NO.: 8897 - 4883 - 0701
 DATE: APRIL 04, 2018
 REVISION DATE: JANUARY 04, 2017
 DESIGN / CHECKED BY: O.E.F.



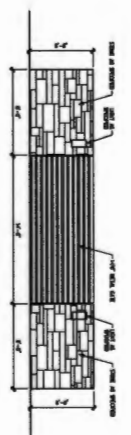
APPROXIMATE LOCATION OF DRAINAGE EASEMENT SCA. PER PLAN

LOT 18
BLOCK 1

RECEIVED
AUG 20 2018
COUNTY ENGINEER

NOTE:
 1. THIS PLAN IS TO BE USED FOR PERMITS ONLY.
 2. THE LOCATION OF ALL UTILITIES SHALL BE DETERMINED BY THE ENGINEER OR SURVEYOR.
 3. THE LOCATION OF ALL UTILITIES SHALL BE DETERMINED BY THE ENGINEER OR SURVEYOR.
 4. THE LOCATION OF ALL UTILITIES SHALL BE DETERMINED BY THE ENGINEER OR SURVEYOR.

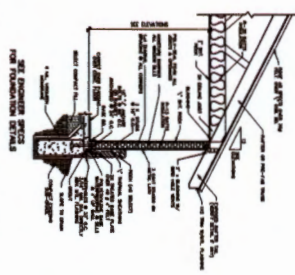
This and Topographic survey on a portion of Lot 18, Block 1, and in Document No. 2008000217004, Map and Plat Records, Central County, Texas.



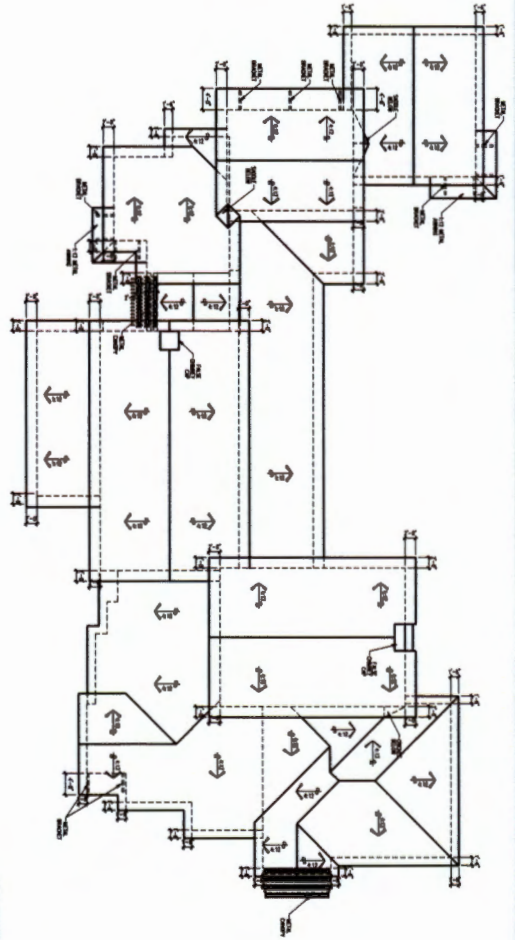
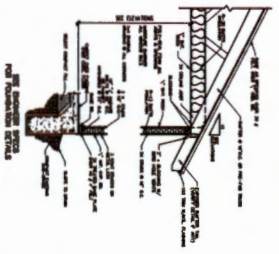
0 5 10 15 20

<p>A.3</p> <p>SCALE: 3/8" = 1'-0"</p>	<p>SHEET TITLE</p> <p>SITE PLAN ENTRY GATE DESIGN</p>	<p>JOB No.: KIRBY - 4833 - OFCS</p> <p>DATE: APRIL 01, 2018</p> <p>REVISED DATE: JANUARY 06, 2019</p> <p>DESIGN / CHECKED BY: D.F.</p>	<p>KIRBY RESIDENCE</p> <p>1341 MIRA MONTE MONTEOLA SUBDIVISION SULVERDE, TEXAS 78163</p>	<p>OF DS OSCAR E FLORES DESIGN STUDIO</p> <p>11000 N. LOOP WEST, 100 UNIT SUITE 1000 DALLAS, TEXAS 75243 PHONE: 214.363.8888 FAX: 214.363.8888 www.oscarfloresdesignstudio.com email: oscar@ofds.com</p>	<table border="1"> <thead> <tr> <th>NO.</th> <th>REVISION CHECKED BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OSCAR FLORES</td> <td>04/01/18</td> </tr> <tr> <td>2</td> <td>OSCAR FLORES</td> <td>04/01/18</td> </tr> <tr> <td>3</td> <td>OSCAR FLORES</td> <td>04/01/18</td> </tr> <tr> <td>4</td> <td>OSCAR FLORES</td> <td>04/01/18</td> </tr> </tbody> </table> <p>EXPIRATION DATE: SEPTEMBER 2019</p>	NO.	REVISION CHECKED BY	DATE	1	OSCAR FLORES	04/01/18	2	OSCAR FLORES	04/01/18	3	OSCAR FLORES	04/01/18	4	OSCAR FLORES	04/01/18	<p>todd glowka builder, inc.</p>	<p>STATE OF TEXAS COUNTY OF TARRANT CITY OF FORT WORTH</p>
	NO.	REVISION CHECKED BY	DATE																			
1	OSCAR FLORES	04/01/18																				
2	OSCAR FLORES	04/01/18																				
3	OSCAR FLORES	04/01/18																				
4	OSCAR FLORES	04/01/18																				

TYP. STONE WAINSCOT WALL SECTION W/ EXP. RAFTERS
N.E.S.

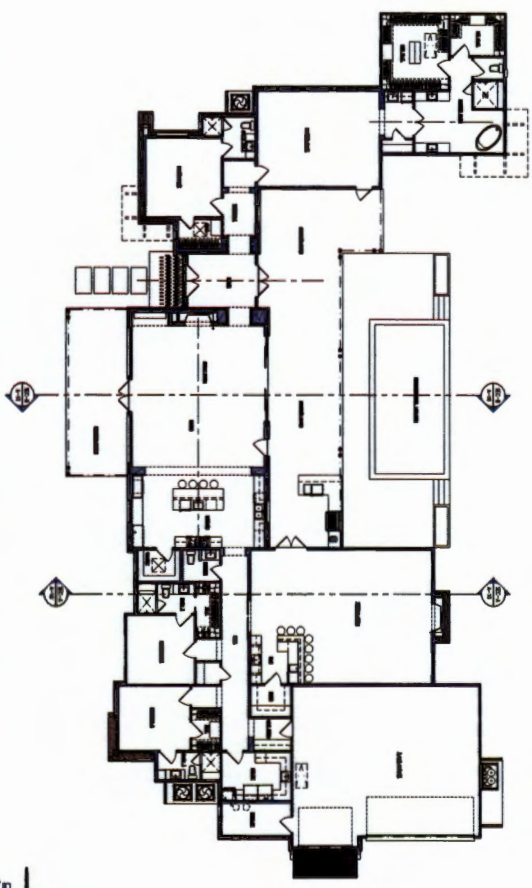


TYP. STUCCO WALL SECTION W/ EXP. RAFTERS
N.E.S.



ROOF PLAN
SCALE: 1/8" = 1'-0"

RECEIVED
AUG 20 2018
COUNTY ENGINEER



OVERALL FLOOR PLAN
SCALE: 1/8" = 1'-0"

A.4
SHEET 1 OF 11

SHEET TITLE
**ROOF PLAN,
OVERALL FLOOR PLAN,
& TYPICAL DETAILS**

JOB No.: KIRBY - 0223 - CPD
DATE: APRIL 09, 2018
REVISED DATE: JANUARY 06, 2019
DRAWN / CHECKED BY: OJL

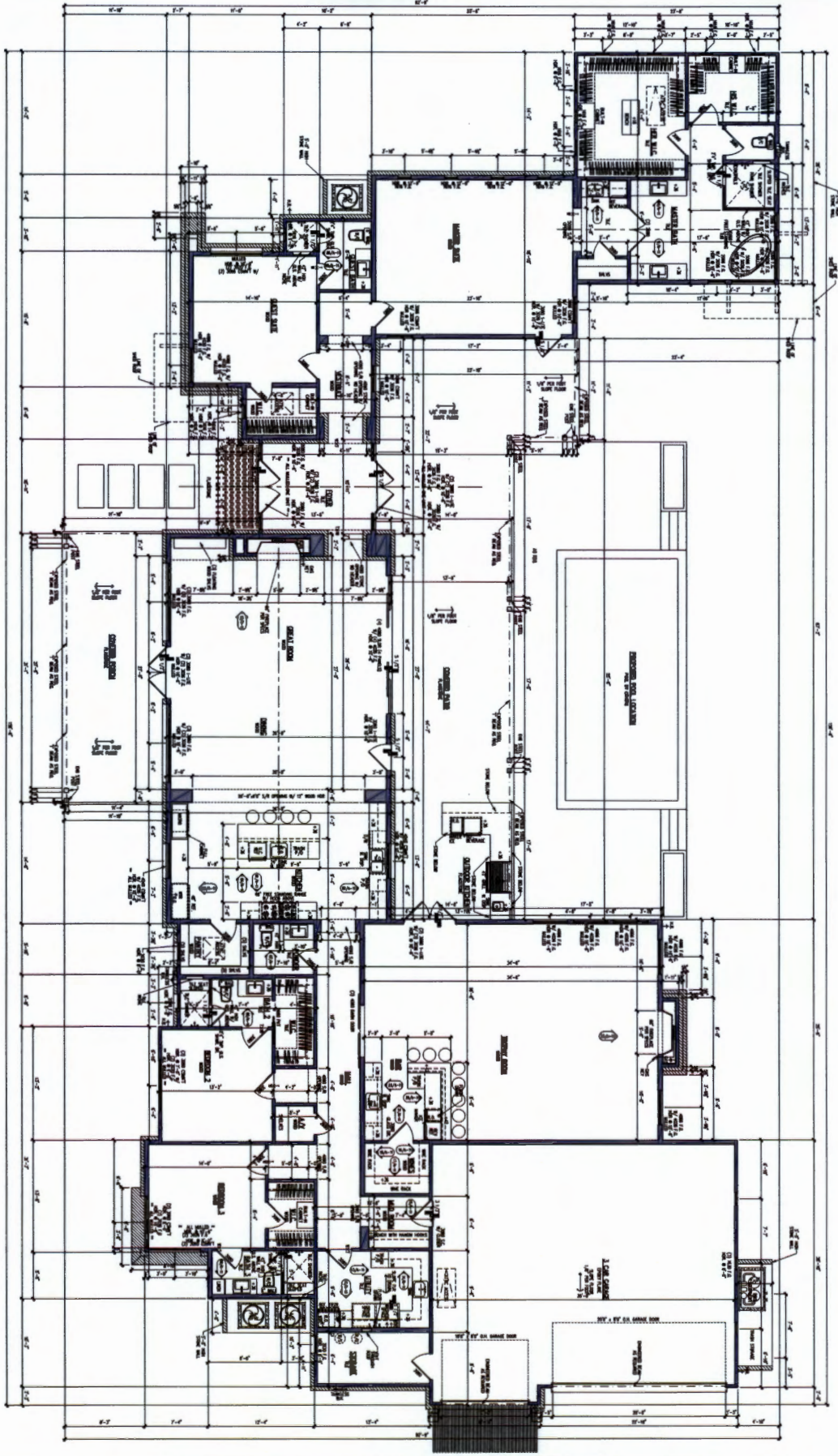
**KIRBY
RESIDENCE**
1341 MIRRA MONTE
MCHIREOLA SUBDIVISION
BULVERDE, TEXAS 78163

**OF
DS**
**OSCAR E FLORES
DESIGN STUDIO**
11000401 10001 0001 1st FLOOR APPROVED, TEXAS PERM
ISSUED: 07/27/2018, 09:02, 07/27/2018
www.oscarfloresdesign.com

NO.	REVISION / OBSERVATION	DATE
1	ISSUE PERMITS	08/16/18
2	FOR PERMITS	08/16/18
3	REVISED	08/16/18
4	REVISION PERMITS	08/16/18
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10/1/2018 10:00:00 AM 1st FLOOR APPROVED, TEXAS PERM
ISSUED: 07/27/2018, 09:02, 07/27/2018
www.oscarfloresdesign.com



A.5
SHEET 3 OF 12

SHEET TITLE
FLOOR PLAN

JOB NO.: 1007 - 4033 - CP02
DATE: APRIL 04, 2016
REVISED DATE: JANUARY 04, 2017
DRAWN / CHECKED BY: C.A.

KIRBY RESIDENCE
1341 MIRA MONTE
MONTECALA SUBDIVISION
SILVERDOR TEXAS 78163

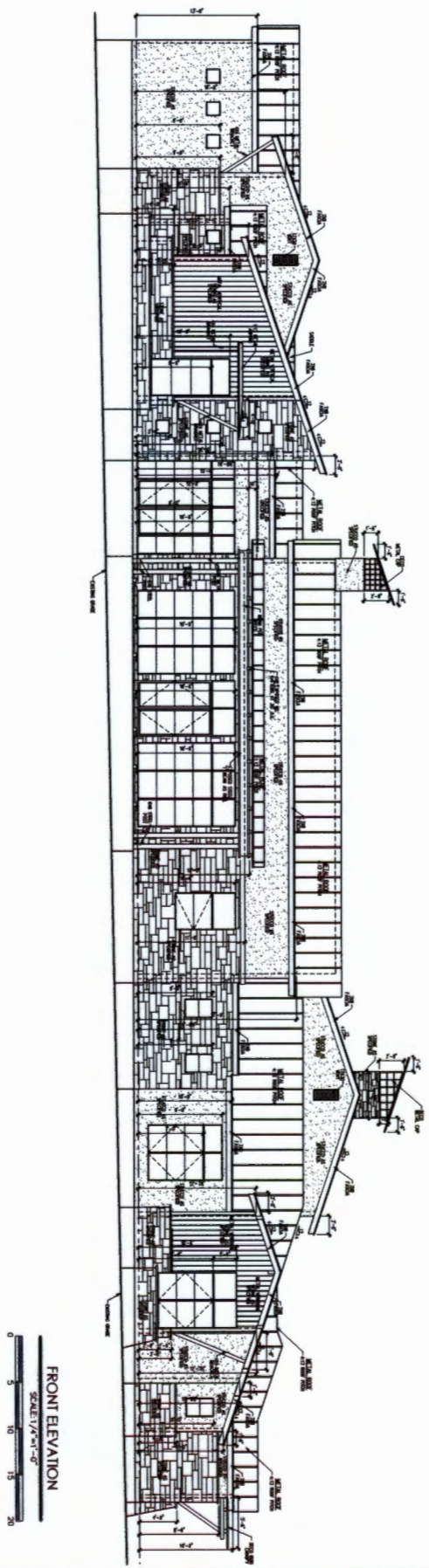
OF DS
OSCAR E FLORES
DESIGN STUDIO
11005 CEDAR LANE, WILLOW PARK, TEXAS 75077
TEL: 214-231-8888, FAX: 214-231-8889
WWW.OSCARDESIGNSTUDIO.COM, WWW.OSCARDESIGNSTUDIO.COM

NO.	REVISION/CHANGES	DATE
1	PLAN DATE	04-04-16
2	ISSUE SET	JAN-16
3	REV.	04-04-16
4	ISSUE SET	04-04-16

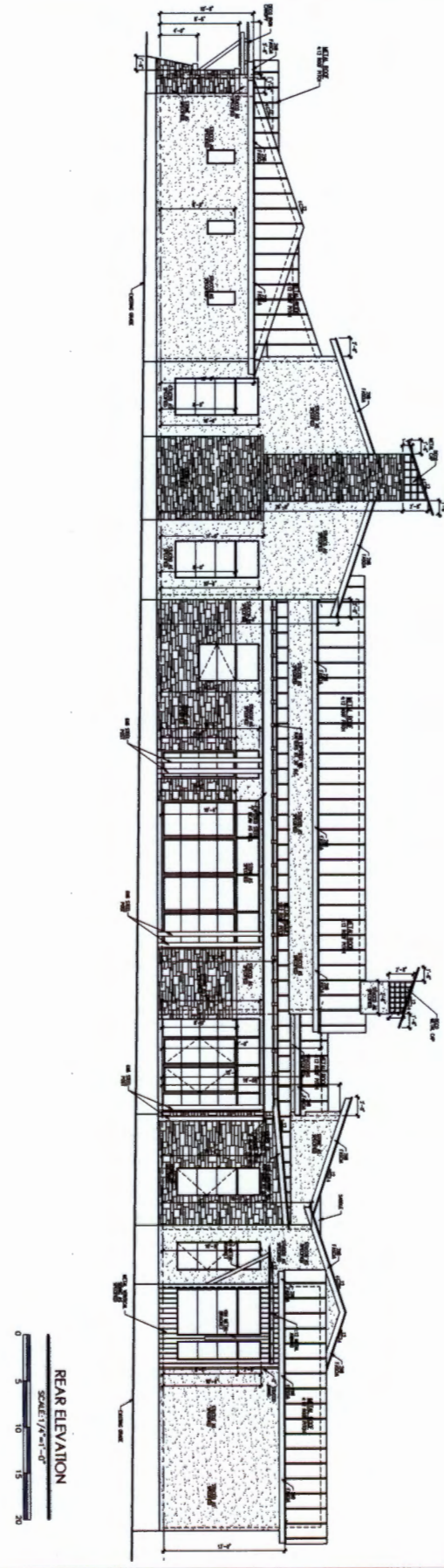
ELIMINATION DATE: SEPTEMBER 2019



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FRONT ELEVATION
SCALE: 1/8" = 1'-0"



REAR ELEVATION
SCALE: 1/8" = 1'-0"

A.8

SHEET TITLE
FRONT & REAR ELEVATIONS

JOB No.: EBR - 4828 - CPDS
DATE: APRIL 01, 2018
REVISED DATE: JANUARY 04, 2019
DESIGN / CHECKED BY: O.A.

KIRBY RESIDENCE
1341 MIRA MONTE
MONTEOLA SUBDIVISION
BULVERDE, TEXAS 78143

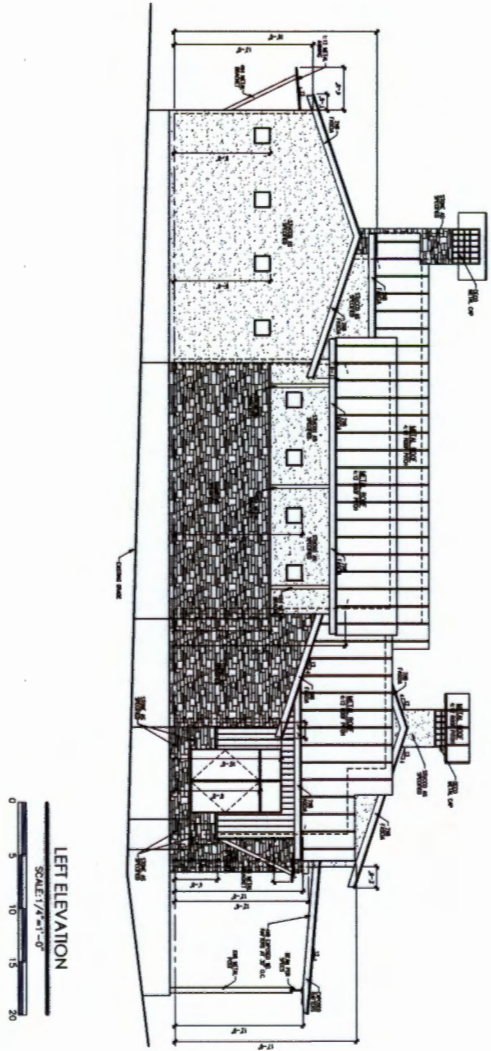
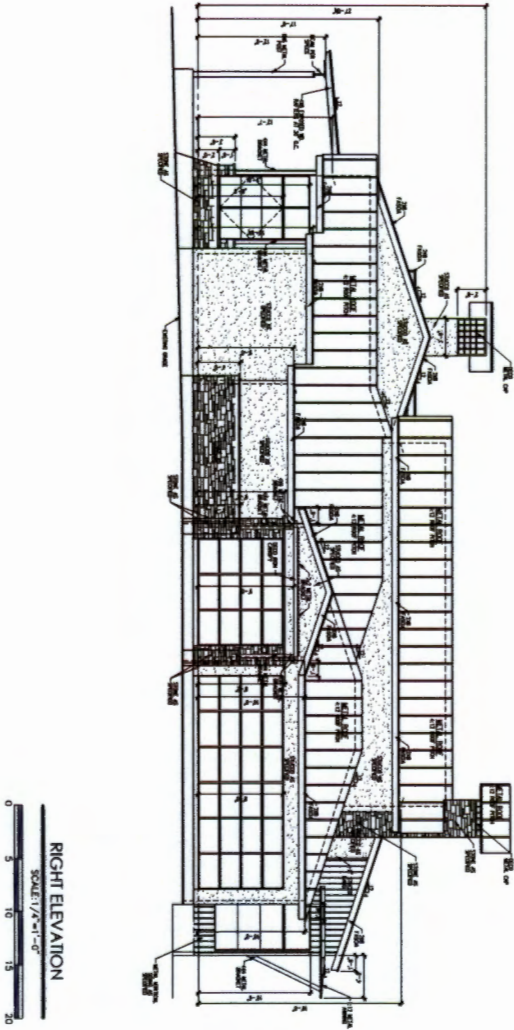
OF DS
OSCAR E FLORES DESIGN STUDIO
1120241 - 11 LAKER CIRCLE, FARMERS ROAD, SUITE 7000
DALLAS, TEXAS 75242 (972) 242-1946
oscar@ofdsdesignstudio.com www.ofdsdesignstudio.com

NO.	REVISION / OBSERVATIONS	DATE
1	ISSUED FOR PERMITS	02-14-18
2	ISSUED BY	04/01/18
3	ISSUED BY	04/01/18
4	ISSUED BY	04/01/18

EXPIRATION DATE: SEPTEMBER 2019



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A.9

SHEET TITLE
LEFT & RIGHT ELEVATIONS

JOB NO.: 0887 - 0823 - 0956
DATE: APRIL 09, 2010
REVISED DATE: JANUARY 06, 2011
DRAWN / CHECKED BY: C.A.T.

KIRBY RESIDENCE
1341 MIRA MONTE
MONTEOLA SUBDIVISION
BULVERDE, TEXAS 78143

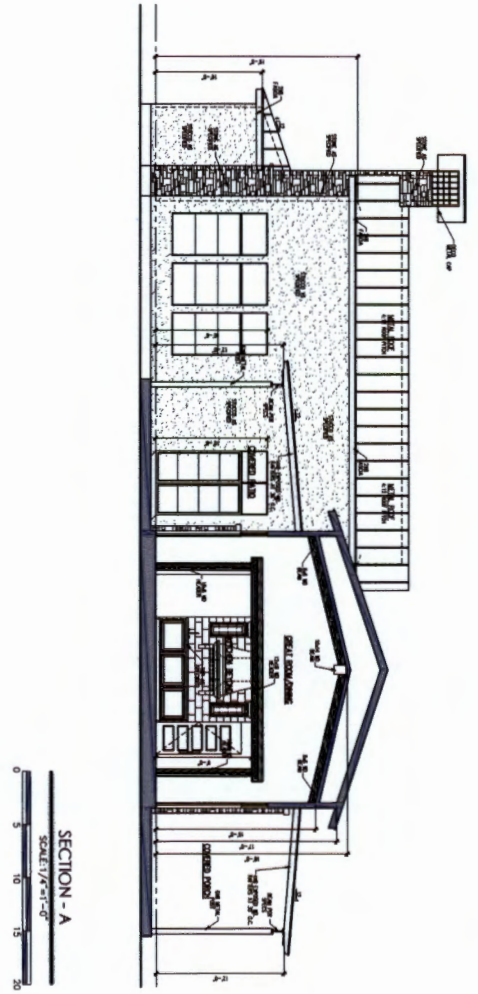
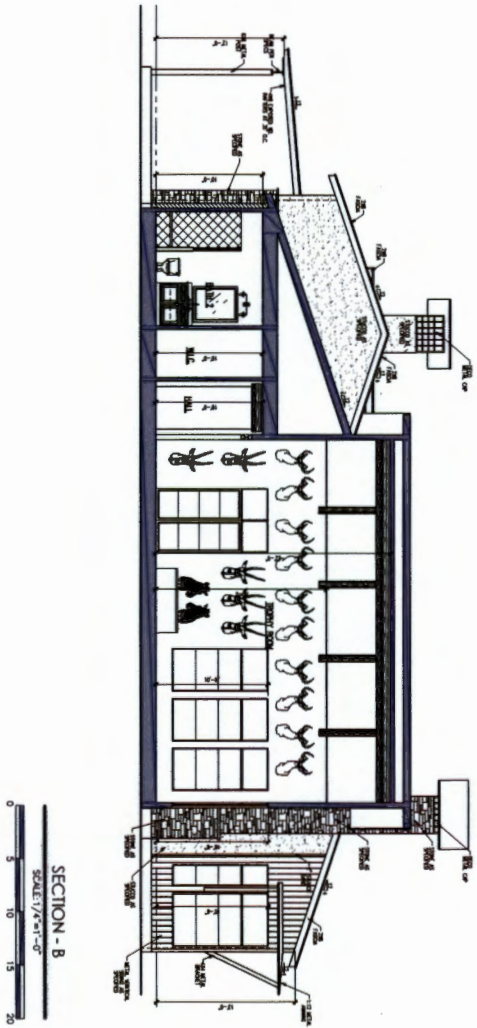
OF DS
OSCAR E FLORES DESIGN STUDIO
11022 N. 110TH AVE. SUITE 100, DALLAS, TEXAS 75243
PHONE: 214.353.4747 FAX: 214.353.4747
WWW.OSCARFLORESDESIGNSTUDIO.COM

NO.	REVISION / DESCRIPTION	DATE
1	CONCEPT	APRIL 09
2	CONCEPT	MAY 14
3	PLAN	MAY 14
4	ROOF PLAN	JANUARY 06

EMPHASIS DATE: SEPTEMBER 2014



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A.10

SHEET TITLE
BUILDING SECTIONS

JOB No.: HWY - 483 - 0101
DATE: APRIL 04, 2013
REVISED DATE: JANUARY 04, 2011
DESIGN / CHECKED BY: GJA

KIRBY RESIDENCE
1341 MIRRA MONTE
MONTECLA SUBDIVISION
SULVERDE, TEXAS 78163

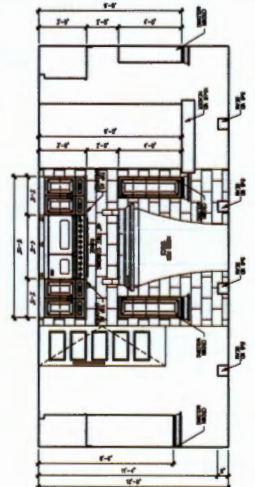
OF DS
OSCAR E FLORES DESIGN STUDIO
1105 N. D. WOOD AVE. SUITE 100 AND BOUTIQUE, NEWARK, TEXAS 75761
PHONE: 214-261-8888 - FAX: 214-261-8889
WWW.OSCARFLORESDESIGNSTUDIO.COM

NO.	REVISION / DESCRIPTION	DATE
1	ISSUED DRAWING	07-2014
2	CHECK BY	08-2014
3	FILE	08-2014
4	ARCHIVE FILE	08-2014

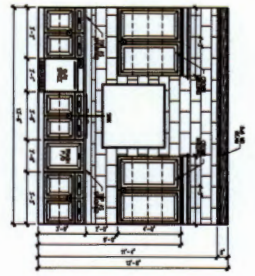
REWORK DATE: SEPTEMBER 2014



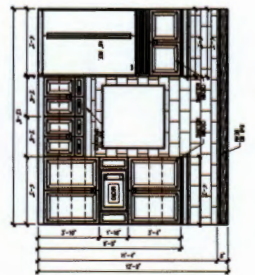
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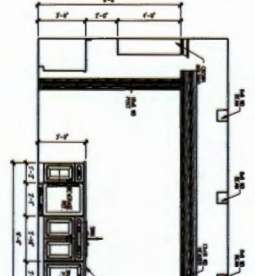
01 Kitchen
12'0" x 11'0"



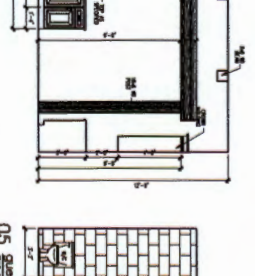
02 Kitchen
12'0" x 11'0"



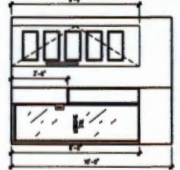
03 Kitchen
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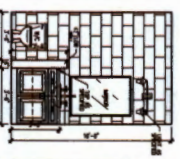
04 Kitchen
12'0" x 11'0"



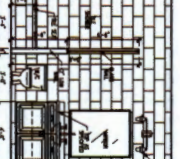
05 Guest bath
10'0" x 7'0"



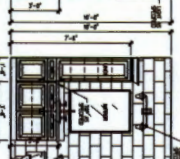
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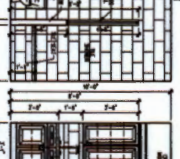
07 Powder
10'0" x 7'0"



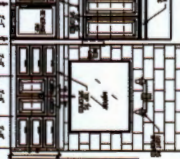
08 Bath 2
10'0" x 7'0"



09 Bath 3
10'0" x 7'0"



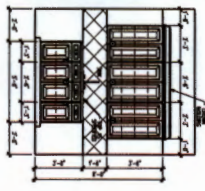
10 Coffee bar
10'0" x 7'0"



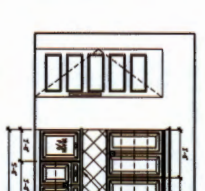
11 Master bath
10'0" x 7'0"



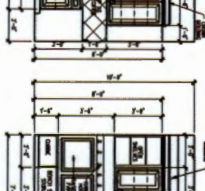
12 Utility
10'0" x 7'0"



13 Utility
10'0" x 7'0"



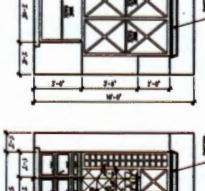
14 Utility
10'0" x 7'0"



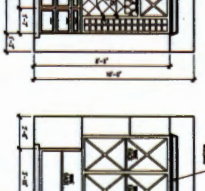
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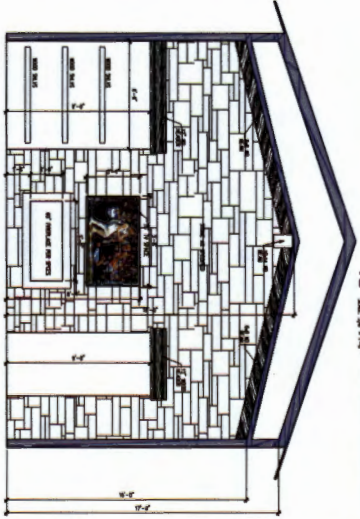
16 Whdg
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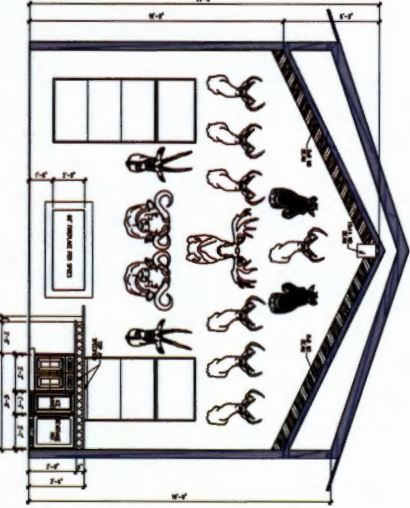
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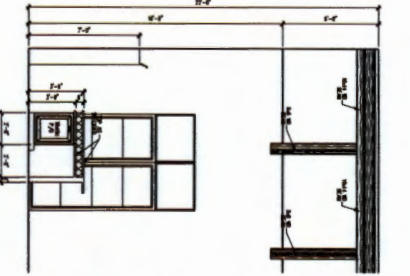
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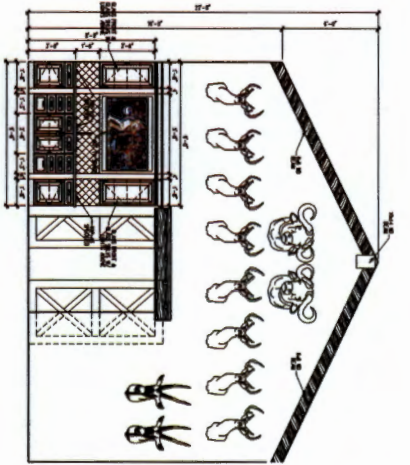
19 Grand room
12'0" x 11'0"



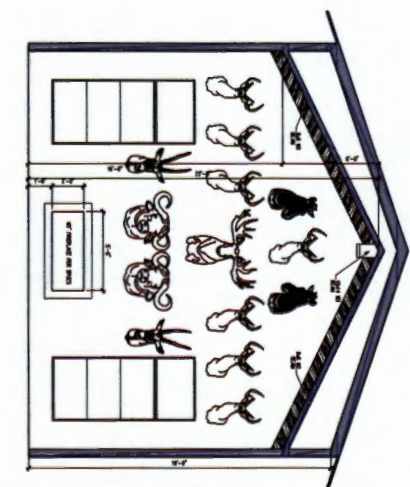
20 Box of hospitality room
12'0" x 11'0"



21 Box of hospitality room
12'0" x 11'0"



22 Box of hospitality room
12'0" x 11'0"



23 Hospitality room
12'0" x 11'0"

NO.	REVISION/DESCRIPTION	DATE
1	ISSUED	09/16/19
2	REVISED	09/16/19
3	REVISED	09/16/19
4	REVISED	09/16/19
5	REVISED	09/16/19

OPERATION DATE: SEPTEMBER 2019



100% SATISFACTION GUARANTEE
 We stand behind our work and our clients. If you are not 100% satisfied with our work, we will redo it at no charge. This guarantee is void if the work is not completed according to the contract documents.

A.11
 SHEET 11 OF 12

SHEET TITLE
LEFT & RIGHT ELEVATIONS

JOB NO.: 1809 - 0023 - 0100
 DATE: APRIL 09, 2018
 REVISED DATE: JANUARY 04, 2019
 DESIGN / CHECKED BY: G.J.

KIRBY RESIDENCE
 1341 MIRIA MONTE
 MONTECITA SUBDIVISION
 SILVERDLE, TEXAS 78163

OF DS
OSCAR E FLORES DESIGN STUDIO
 1341 MIRIA MONTE, MONTECITA SUBDIVISION, SILVERDLE, TEXAS 78163
 WWW.OSCARFLORESDESIGNSTUDIO.COM

RECEIVED
AUG 22 2018

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

REVISED

COMAL COUNTY ENGINEER
8-23-2018

Permit # 108003

VOID

Owner Name	Kerry Kirby	Agent Name	Tooo Glowka Bldr
Mailing Address	1970 Oakland Blvd	Agent Address	PO Box 478
City, State, Zip	San Antonio TX 78258	City, State, Zip	Kendalia, TX 78027
Phone #	210-367-0632	Phone #	830 229-5565
Email	Kirby@ArchDiv8.com	Email	Jeanne@Tqbuilder.com

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

Subdivision Name Monteola Unit _____ Lot _____ Block _____
 Acreage/Legal Lot 18 Block 1 Monteola, Comal City TEXAS
 Street Name/Address 1341 Mira Monte City Bulverde Zip 78163

Type of Development:

Single Family Residential
 Type of Construction (House, Mobile, RV, Etc.) House
 Number of Bedrooms 4
 Indicate Sq Ft of Living Area 5116

VOID

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: \$ _____ (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.

Signature of Owner Kerry Kirby

Date 8-23-18

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

Date 6.28.2018

Permit # 168003

Owner Name Kerry Kirby
 Mailing Address 1970 Oakland Bend
 City, State, Zip San Antonio TX 78258
 Phone # 210 367-0432
 Email Kirby@archdivs.com

Agent Name Todd Glowka Builder, Inc
 Agent Address PO Box 478
 City, State, Zip Kendaalia TX 78027
 Phone # 830 229 5545
 Email Jeanne@tgbuilder.com

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

Subdivision Name Monteola Unit _____ Lot 18 Block 1
 Acreage/Legal Lot 18, Block 1, Monteola, Comal City Texas
 Street Name/Address 1341 Mira Monte City Bulverde Zip 78163

Type of Development:

Single Family Residential

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

Number of Bedrooms 4

Indicate Sq Ft of Living Area 5114

RECEIVED

AUG 20 2018

COUNTY ENGINEER

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 _____

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

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.

Signature of Owner 

Date 7-1-2018

Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

To: Kerry/Marie Kirby
1970 Oakland Bend
San Antonio, TX 78258

Printed: 6/17/2019
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2019 - 2/28/2021
Scheduled Date: 6/30/2019 Inspection 1 of 6
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Warranty End: 11/7/2020

Service Type: Scheduled Inspection

Visit Date: 6/17/2019

This counts as a type of "Scheduled Inspection"

Entered By: David W. Boaz

Technician: David W. Boaz

Maint. Provider: Wade A Cloud

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1:

For Tank 2:

For Tank 3:

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure:

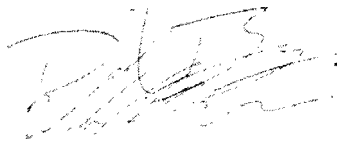
Comments

System in good working order. Adjusted timer.

Service Completed

Insp ID #: 45575

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com



Technician: David W. Boaz
Maint. Technician
MT0001147
www.lonestaras.com

License #: MP0000406

Expires: 10/31/2020

License #: MT0001147

Expires: 3/31/2019

Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

To: Kerry/Marie Kirby
1970 Oakland Bend
San Antonio, TX 78258

Printed: 2/27/2020
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2019 - 2/28/2021
Scheduled Date: 2/28/2020 Inspection 3 of 6
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"
Entered By: Donald Barbour

Visit Date: 2/27/2020

Method: Grab

Technician: Donald Barbour

Maint. Provider: Wade A Cloud

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.1mg/L

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

Comments

- Chlorinator needs attention, please add bleach. - System in good working order.

Service Completed

Insp ID #: 49266

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com

Technician: Donald Barbour
Maint. Technician
MT0000412
www.lonestaras.com



Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

To: Kerry/Marie Kirby
1970 Oakland Bend
San Antonio, TX 78258

Printed: 7/1/2020
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**

Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2019 - 2/28/2021
Scheduled Date: 6/30/2020 Inspection 4 of 6
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 7/1/2020

Entered By: Donald Barbour

Method: Grab

Technician: Donald Barbour

Maint. Provider: Wade A Cloud

Aerators: Operational

Sludge Levels

Filters: Operational

For Tank 1: 1+22

Irrigation Pumps: Operational

For Tank 2: 25

Disinfection Device: Operational

For Tank 3: 0+0

Chlorine Supply: Operational

Chlorine Residual: 0.1mg/L

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.1

Comments

Service Completed

- Moderate Sludge build up in trash & clarifier tanks. - Chlorinator needs attention, please add bleach.

Insp ID #: 51018

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com

Technician: Donald Barbour
Maint. Technician
MT0000412
www.lonestaras.com



Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

To: Kerry/Marie Kirby
1970 Oakland Bend
San Antonio, TX 78258

Printed: 2/22/2021
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2019 - 2/28/2021
Scheduled Date: 2/28/2021 Inspection 6 of 6
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection
Visit Date: 2/22/2021

This counts as a type of "Scheduled Inspection"
Entered By: David W. Boaz

Technician: David W. Boaz
Maint. Provider: Wade A Cloud
Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: 0.1mg/L

Sludge Levels
For Tank 1: 1+22
For Tank 2: 0+24
For Tank 3: 0+0

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.2

Comments

Moderate sludge build up in trash compartment and clarifier. Adjusted timer. System in good working order.

Service Completed

Insp ID #: 54250

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com



Technician: David W. Boaz
Maint. Technician
MT0001147
www.lonestaras.com

Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

(830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

February 26, 2021

Kerry/Marie Kirby
1970 Oakland Bend
San Antonio, TX 78258

Permit No: 108003

Contract Dates: 02/28/21-02/28/22

Site: 1341 Mira Monte Bulverde, TX 78163

This is to Certify that the above RESIDENTIAL sewage system has RENEWED their monitoring agreement per Texas Commission on Environmental Quality (TCEQ) standards for on site sewerage facilities as required.

This agreement does not include the cost of repairs.



Certified Inspector: _____
Wade A Cloud

Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com

Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

To: Kerry/Marie Kirby
1970 Oakland Bend
San Antonio, TX 78258

Printed: 6/14/2021
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**

Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2021 - 2/28/2022
Scheduled Date: 6/30/2021 Inspection 1 of 3
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection

Visit Date: 6/14/2021

This counts as a type of "Scheduled Inspection"
Entered By: Jeffrey A Washek

Technician: Jeffrey A Washek

Maint. Provider: Wade A Cloud

Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: 0.1mg/L

Sludge Levels
For Tank 1: 1+22
For Tank 2: 0+10
For Tank 3: 0+0

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.1

Comments

- Adjusted timer. - Moderate Sludge build up in trash tank. - System in good working order.

Service Completed

Insp ID #: 55924

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com



Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

To: Kerry/Marie Kirby
1970 Oakland Bend
San Antonio, TX 78258

Printed:10/8/2021
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2021 - 2/28/2022
Scheduled Date: 10/28/2021 Inspection 2 of 3
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection

Visit Date: 10/8/2021

This counts as a type of "Scheduled Inspection"

Entered By: David W. Boaz

Technician: David W. Boaz

Maint. Provider: Wade A Cloud

Aerators: Operational

Filters: Operational

Irrigation Pumps: Operational

Disinfection Device: Operational

Chlorine Supply: Operational

Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1: 1+24

For Tank 2: 0+36

For Tank 3: 0+0

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational

Distribution System: Operational

Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.5

Comments

Service Completed

Heavy sludge build up in trash compartment and clarifier. Recommend pumping system within next 4 months, due to sludge levels. - Recommended Aerobic Septic System Pumper: David with Precision Pumping @ 210-264-8738 or RW Septic Pumping @ 830-377-3995. Please let the office know when completed.

Insp ID #:57635

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com



Technician: David W.Boaz
Maint. Technician
MT0001147
www.lonestaras.com

Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

To: Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

Printed: 2/2/2022
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2021 - 2/28/2022
Scheduled Date: 2/28/2022 Inspection 3 of 3
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection

Visit Date: 2/2/2022

This counts as a type of "Scheduled Inspection"

Entered By: Donald Barbour

Technician: Donald Barbour

Maint. Provider: Wade A Cloud

Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: 0.1mg/L

Sludge Levels
For Tank 1: 0+4
For Tank 2: 0+0
For Tank 3: 0+0

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.3

Comments

- System in good working order. Recently pumped.

Service Completed

Insp ID #: 59284

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com

Technician: Donald Barbour
Maint. Technician
MT0000412
www.lonestaras.com



Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

To: Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

Printed: 6/3/2022
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**

Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039

Contract Dates: 2/28/2022 - 2/28/2023
Scheduled Date: 6/30/2022 Inspection 1 of 3
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 6/3/2022

Entered By: Donald Barbour

Technician: Donald Barbour

Maint. Provider: Wade A Cloud

Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1: 2+4
For Tank 2: 6
For Tank 3: 0+0

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.4

Comments

Service Completed

- Adjusted timer. - Chlorinator needs attention, please add liquid bleach. 4" inlet pipe in trash tank has backfall.

Insp ID #: 61052

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com

Technician: Donald Barbour
Maint. Technician
MT0000412
www.lonestaras.com



Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

To: Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

Printed:8/11/2022
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2022 - 2/28/2023
Scheduled Date: 10/31/2022
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Repair
Visit Date: 8/11/2022

Entered By: David W. Boaz

Technician: David W. Boaz
Maint. Provider: Wade A Cloud

Aerators: Corrected on site

Sludge Levels

For Tank 1:
For Tank 2:
For Tank 3:

Tank Lid / Riser: Secured

Comments

- Repaired compressor with rebuild kit, 30 day warranty, S/N 357739.

Service Completed

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com



Technician: David W.Boaz
Maint. Technician
MT0001147
www.lonestaras.com

Insp ID #:61953

Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559
Fax: (210) 579-6073
www.lonestaras.com

To: Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

Printed: 10/24/2022
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2022 - 2/28/2023
Scheduled Date: 10/31/2022 Inspection 2 of 3
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Aerator S/N: rebuilt 357739 Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 10/24/2022

Entered By: Donald Barbour

Technician: Donald Barbour

Maint. Provider: Wade A Cloud

Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: 0.1mg/L

Sludge Levels
For Tank 1: 1+8
For Tank 2: 20
For Tank 3: 1

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.4

Comments

Service Completed

- Chlorinator needs attention, please add liquid bleach. 4" inlet pipe in trash tank has backfall & some roots are present. For root removal call Camille Dewinne @ 210-362-8762 - Moderate Sludge build up in clarifier.

Insp ID #: 63047

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com

Technician: Donald Barbour
Maint. Technician
MT0000412
www.lonestaras.com



Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559

www.lonestaras.com

To: Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

Printed: 3/15/2023
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2023 - 2/28/2024
Scheduled Date: 6/30/2023
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Aerator S/N: rebuilt 357739 Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Repair
Visit Date: 3/15/2023

Entered By: David W. Boaz

Technician: David W. Boaz
Maint. Provider: Wade A Cloud

Sludge Levels

For Tank 1:
For Tank 2:
For Tank 3:

Tank Lid / Riser: Secured

Distribution System: Corrected on site

Comments

Repaired broken sprinkler line at tank and brought line through riser, to prevent future breakage.

Service Completed

Insp ID #: 65182

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com



Technician: David W. Boaz
Maint. Technician
MT0001147
www.lonestaras.com

Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559

www.lonestaras.com

To: Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

Printed:6/16/2023
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2023 - 2/28/2024
Scheduled Date: 6/30/2023 Inspection 1 of 3
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Aerator S/N: rebuilt 357739 Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection
Visit Date: 6/16/2023

This counts as a type of "Scheduled Inspection"
Entered By: Kyle P Borgerding

Technician: Kyle P Borgerding
Maint. Provider: Wade A Cloud

Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: .1

Sludge Levels
For Tank 1: 0+14
For Tank 2: 0+24
For Tank 3: 0+2

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.3

Comments

Service Completed

Adjusted timer. Replaced failed compressor alarm. Moderate sludge build up in clarifier tank, no action is required at this time. System is in good working order. - You will be receiving an invoice for parts or services via email/mail following your inspection. Please be on the lookout and provide prompt payment.

Insp ID #:66641

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com

Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559

www.lonestaras.com

To: Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

Printed:10/25/2023
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2023 - 2/28/2024
Scheduled Date: 10/31/2023 Inspection 2 of 3
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Aerator S/N: rebuilt 357739 Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 10/25/2023

Entered By: Kyle P Borgerding

Technician: Kyle P Borgerding

Maint. Provider: Wade A Cloud

Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1: 1+16
For Tank 2: 0+24
For Tank 3: 0+6

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.1

Comments

Service Completed

Adjusted timer. Moderate to heavy sludge build up in all tanks. No action is required at this time. System is in good working order.

Insp ID #:68676

Provider: Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com



Lonestar Aerobic Services, LLC
PO Box 228
Boerne, TX 78006

Phone: (830) 443-4559

www.lonestaras.com

To: Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

Printed: 2/8/2024
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2023 - 2/28/2024
Scheduled Date: 2/29/2024 Inspection 3 of 3
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Aerator S/N: rebuilt 357739 Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection

This counts as a type of "Scheduled Inspection"

Visit Date: 2/8/2024

Entered By: Kyle P Borgerding

Technician: Kyle P Borgerding

Maint. Provider: Wade A Cloud

Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: 0.1mg/L

Sludge Levels

For Tank 1: 1+14
For Tank 2: 0+22
For Tank 3: 0+6

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.2

Comments

Service Completed

Adjusted timer. Replaced cracked sprinkler head casing with used part (no charge). Moderate sludge build up in all tanks. No action is required at this time. System is now in good working order.

Insp ID #:70333

Provider: Wade A Cloud
Main. Provider
MP0000406

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Boerne, TX 78006

Phone: (830) 443-4559

www.lonestaras.com

To: Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

Printed:6/21/2024
Site: 1341 Mira Monte
Bulverde, TX 78163

Permit #: **108003**
Agency: Comal County Environmental Health
County: Comal Sub: Monteola
Mfg / Brand: Enviro-Flo Inc. - NuWater B-0800, 800 GPD
Treatment Type: Aerobic With Chlorine System S/N: B5010
Disposal: Surface Application

Customer ID: 3039
Contract Dates: 2/28/2024 - 2/28/2025
Scheduled Date: 6/30/2024 Inspection 1 of 3
Aerator: Thomas AP-080-110 Installed: 11/7/2018
Aerator S/N: rebuilt 357739 Warranty End: 11/7/2020
GPS Coordinates - Latitude: 29.77160 Longitude: -98.50010

Service Type: Scheduled Inspection
Visit Date: 6/21/2024

This counts as a type of "Scheduled Inspection"
Entered By: Kyle P Borgerding

Technician: Kyle P Borgerding
Maint. Provider: Wade A Cloud

Aerators: Operational
Filters: Operational
Irrigation Pumps: Operational
Disinfection Device: Operational
Chlorine Supply: Operational
Chlorine Residual: 0.1mg/L

Sludge Levels
For Tank 1: 2+16
For Tank 2: 0+2
For Tank 3: 0+1

Chlorinator: Op

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Sprayfield Veg: Operational

Alarm: Operational

PSI Pressure: 2.3

Comments

Adjusted timer. System is in good working order.

Service Completed

Provider: Wade A Cloud
Main. Provider
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Insp ID #:72350

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Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

February 8, 2024

Permit No: 108003

02/28/24-02/28/25

Site: 1341 Mira Monte Bulverde, TX 78163

This is to Certify that the above RESIDENTIAL sewage system has RENEWED their monitoring agreement per Texas Commission on Environmental Quality (TCEQ) standards for on site sewerage facilities as required.

This agreement does not include the cost of repairs.



Certified Inspector: _____
Wade A Cloud

Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com

Lonestar Aerobic Services, LLC

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Boerne, TX 78006

(830) 443-4559
www.lonestaras.com

Printed:10/9/2024

Permit: 108003

Site: 1341 Mira Monte, Bulverde, TX 78163

Cell Phone: 2103670632

Kerry Kirby
1341 Mira Monte
Bulverde, TX 78163

Alt Cell: 2148939591
Agency: Comal County Environmental Health
County: Comal
Subdivision: Monteola

System Info: MFG: Enviro-Flo Inc. Brand: NuWater B-0800, 800 GPD Aerator: Thomas AP-080-110 Customer ID: 3039
Treatment Type: Aerobic With Chlorine Disposal Type: Surface Application Aerator S/N: rebuilt 357739 Insp ID: 74185
Installed: 11/7/2018 Warranty Expiration: 11/7/2020 System S/N: B5010

Visit Details <----->
Visit Date: 10/9/2024 Entered By: Mario Ramirez GPS Lat: 29.77160 GPS Long: -98.50010

Scheduled Date: 10/31/2024 Contract Starts: 2/28/2024
Entered On: 10/9/2024 Contract Ends: 2/28/2025

Visit Results

Service Type: Scheduled Inspection

Count: Inspection 2 of 3

Technician: <u>Mario Ramirez</u>	License # <u>MT0002789</u>	Expires <u>7/31/2027</u>	
Provider: <u>Wade A Cloud</u>	<u>MP0000406</u>	<u>10/31/2026</u>	<input checked="" type="checkbox"/> Service Completed

Aerators: <u>Operational</u>	Sludge Level Tank 1: <u>2+18</u>
Filters: <u>Operational</u>	Sludge Level Tank 2: <u>0+16</u>
Irrigation Pumps: <u>Operational</u>	Sludge Level Tank 3: <u>0+1</u>
Disinfection Device: <u>Operational</u>	
Chlorine Supply: <u>Operational</u>	Floats: <u>OP</u>
Chlorine Residual: <u>0.1</u>	Timer: <u>OP</u>
Chlorinator: <u>OP</u>	

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Drip/Sprayfield Veg: Operational

Alarm: Operational PSI Pressure: 2.5

Comments

- Adjusted timer. When activating sprayheads technician noticed a crack by the tank in the sprinkler line at the 90 elbow. Technician was able to repair the crack in the line. - System is now in good working order. - You will be receiving an invoice for parts or services via email/mail following your inspection. Please be on the lookout and provide prompt payment. - Technician Secured the Tank Lid and/or Riser prior to leaving location.

Provider: Wade A Cloud
Main. Provider
MP0000406



Technician: Mario Ramirez
OSSF Maint Technician
MT0002789
www.lonestaras.com
License Number: MT0002789 Exp: 7/31/27

License: Number: MP0000406 Exp: 10/31/2026

License: Number: MT0002789 Exp: 7/31/2027

Lonestar Aerobic Services, LLC

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www.lonestaras.com

Printed:9/26/2024

Permit: 108003

Site: 1341 Mira Monte, Bulverde, TX 78163

Cell Phone: 2103670632

Kerry/Marie Kirby
1341 Mira Monte
Bulverde, TX 78163

Alt Cell: 2148939591
Agency: Comal County Environmental Health
County: Comal
Subdivision: Monteola

System Info: MFG: Enviro-Flo Inc. Brand: NuWater B-0800, 800 GPD Aerator: Thomas AP-080-110 Customer ID: 3039
Treatment Type: Aerobic With Chlorine Disposal Type: Surface Application Aerator S/N: rebuilt 357739 Insp ID: 73941
Installed: 11/7/2018 Warranty Expiration: 11/7/2020 System S/N: B5010

Visit Details <----->
Visit Date: 9/26/2024 Entered By: Kyle P Borgerding GPS Lat: 29.77160 GPS Long: -98.50010

Scheduled Date: 10/31/2024 Contract Starts: 2/28/2024
Entered On: 9/26/2024 Contract Ends: 2/28/2025

Visit Results

Service Type: Unable To Service

Count: Inspection 2 of 3

Technician: <u>Kyle P Borgerding</u>	License # <u>MT0002357</u>	Expires <u>8/31/2025</u>	<input checked="" type="checkbox"/> Service Completed
Provider: <u>Wade A Cloud</u>	<u>MP0000406</u>	<u>10/31/2026</u>	

Comments

Invalid house gate code or keypad is not functioning (no sound when hitting buttons). Could not make contact with home owner via cellphone or call button on gate. Please call the office to possibly reschedule your inspection.

Provider: Wade A Cloud
Main. Provider
MP0000406



Technician: Kyle Borgerding
OSSF Maint. Technician
MT0002357
www.lonestaras.com
Licence Number MT0001257 Exp: 8/31/25

License: Number: MP0000406 Exp: 10/31/2026

License: Number: MT0002357 Exp: 8/31/2025

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Kerry Kirby
1341 Mira Monte
Bulverde, TX 78163

February 6, 2025

Permit No: 108003

02/08/25-02/28/26

Site: 1341 Mira Monte Bulverde, TX 78163

This is to Certify that the above RESIDENTIAL sewage system has RENEWED their monitoring agreement per Texas Commission on Environmental Quality (TCEQ) standards for on site sewerage facilities as required.

This agreement does not include the cost of repairs.

Certified Inspector: _____



Wade A Cloud

Wade A Cloud
Main. Provider
MP0000406
www.lonestaras.com
2/6/2025

Lonestar Aerobic Services, LLC

PO Box 228
Boerne, TX 78006

(830) 443-4559
www.lonestaras.com

Printed:2/5/2025

Permit: 108003

Site: 1341 Mira Monte, Bulverde, TX 78163

Cell Phone: 2103670632

Kerry Kirby
1341 Mira Monte
Bulverde, TX 78163

Alt Cell: 2148939591
Agency: Comal County Environmental Health
County: Comal
Subdivision: Monteola

System Info: MFG: Enviro-Flo Inc. Brand: NuWater B-0800, 800 GPD Aerator: Thomas AP-080-110 Customer ID: 3039
Treatment Type: Aerobic With Chlorine Disposal Type: Surface Application Aerator S/N: rebuilt 357739 Insp ID: 76032
Installed: 11/7/2018 Warranty Expiration: 11/7/2020 System S/N: B5010

Visit Details <----->
Visit Date: 2/5/2025 Entered By: Kyle P Borgerding GPS Lat: 29.77160 GPS Long: -98.50010

Scheduled Date: 2/28/2025 Contract Starts: 2/28/2024
Entered On: 2/5/2025 Contract Ends: 2/28/2025

Visit Results

Service Type: Scheduled Inspection

Count: Inspection 3 of 3

Technician: <u>Kyle P Borgerding</u>	License # <u>MT0002357</u>	Expires <u>8/31/2025</u>	<input checked="" type="checkbox"/> Service Completed
Provider: <u>Wade A Cloud</u>	<u>MP0000406</u>	<u>10/31/2026</u>	

Aerators: <u>Operational</u>	Sludge Level Tank 1: <u>1+20</u>
Filters: <u>Operational</u>	Sludge Level Tank 2: <u>0+18</u>
Irrigation Pumps: <u>Operational</u>	Sludge Level Tank 3: <u>0+1</u>
Disinfection Device: <u>Operational</u>	
Chlorine Supply: <u>Operational</u>	Floats: <u>OP</u>
Chlorine Residual: <u>.1</u>	Timer: <u>OP</u>
Chlorinator: <u>OP</u>	

Tank Lid / Riser: Secured

Electric Circuits: Operational
Distribution System: Operational
Drip/Sprayfield Veg: Operational

Alarm: Operational PSI Pressure: 2.2

Comments

Adjusted timer. Moderate sludge build up in trash tank. No action is required at this time. System is in good working order. - Technician Secured the Tank Lid and/or Riser prior to leaving location.

Provider: Wade A Cloud
Main. Provider
MP0000406



Technician: Kyle Borgerding
OSSF Maint. Technician
MT0002357
www.lonestaras.com
Licence Number MT0001257 Exp: 8/31/25

License: Number: MP0000406 Exp: 10/31/2026

License: Number: MT0002357 Exp: 8/31/2025