

Greg W. Johnson

170 Hollow Oak

New Braunfels, Texas 78132

830.905.2778

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SERVICE INVOICE

SERVICE FOR:

DAVID PAUL SOLDANO & KASSIE ANN SOLDANO

& EDGAR ROSS BARTON, JR. & TINA MAE BARTON

115 WOODLAND RANCH ROAD / WOODLAND RANCH ESTATES, LOT 5A

BOERNE, TX 78006

INVOICE NUMBER B17368

JOB DESCRIPTION SEPTIC DESIGN

DATE August 13, 2020

BILL TO:

THOMAS WARREN

4210 US HWY 281N

SPRING BRANCH, TX 78070

DATE	SERVICE DESCRIPTION	QUANTITY	RATE	AMOUNT
8/13/20	SEPTIC DESIGN	1	850.00	850.00
8/13/20	PERMIT FEE & AFFIDAVIT	1	230.00	230.00
<i>Please Pay Warren Construction on this Invoice</i>				
				1,080.00
				TOTAL DUE

MAKE CHECKS PAYABLE TO:
GREG W. JOHNSON, P.E.

PAYMENT IS DUE UPON RECEIPT

KENDALL COUNTY
SEPTIC REGISTRATION APPLICATION
(Permit effective for 1 year from the Authorization to Construct)

Development Management
201 E. San Antonio Ave, Suite 101 / Boerne, Texas 78006
(830) 331-8251 or (830) 331-8253
(830) 249-6206 fax

S
Septic Registration #
Q&A _____ List _____
Precinct# _____

I hereby make application to construct and operate a private sewage facility in Kendall County, Texas as required by the Texas Commission on Environmental Quality (TCEQ) and Kendall County OSSF Construction Standards.

If the installer does not request a construction inspection by the permitting authority within one year of the issuance of the authorization to construct, the authorization to construct expires, and the owner will be required to submit a new application and application fee before an OSSF can be installed.

Authorization is hereby given to Kendall County, TCEQ, or their agents or designees, singly or jointly, to enter upon the property on which the proposed private sewage facility that I am applying for in this application is located, for the purpose of inspections of the private sewage facility, or any health problems caused by the private sewage facility herein for which application has been applied. I understand the Kendall County permitting authority shall either approve or deny an application within 30 days of receiving an application.

I understand that the county of Kendall, TCEQ, or their agents of Designees, make no representation that facilities herein applied for will provide satisfactory service to the premises served. It will be my responsibility to make any changes or modifications which operating experience may show to be necessary in order to provide satisfactory service.

REASON FOR APPLICATION: New ☒ Repair _____ Modified _____ Replacing Failed OSSF _____

SEPTIC SYSTEM TYPE: Conventional _____ LPD _____ Evapotranspiration (ET) Drainfield _____ Aerobic ☒

*****Design required by Registered Sanitarian or Licensed Engineer as applicable in State & County rules on all septic types. Maintenance contract & recorded affidavit required for Aerobics*****

INSTALLER THOMAS WARREN **AEROBIC SYSTEM**
OSSF LICENSE # OS0000341 **MAINTENANCE PROVIDER** THOMAS WARREN

Name of Owner DAVID PAUL & KASSIE ANN SOLDANO / TINA MAE & EDGAR ROSS BARTON, JR.
Owner

Mailing Address: c/o 4210 US HWY 281N City/State/Zip SPRING BRANCH, TX 78070

Owner _____ Owner _____ Owner _____
Phone # _____ Cell# 210-771-7490 Fax# _____

e-mail address (owner/agent) : tomwarren74@gmail.com

Name of *Agent: _____ Phone: _____ Cell: _____
(*agent designation form required)

LOCATION OF PROPERTY: Gate Combination: _____

911 Address: 115 WOODLAND RANCH ROAD City/Zip BOERNE, TX 78006

WOODLAND RANCH ESTATES	5A	7.33
Name of Subdivision	Unit	Blk
	Lot	Acreage

Signature _____
owner / agent (agent designation form required) Date _____

AFFIDAVIT TO THE PUBLIC

The County of Kendall:

STATE OF TEXAS

Before me, the undersigned authority, on this day personally appeared

DAVID PAUL SOLDANO & KASSIE ANN SOLDANO & EDGAR ROSS BARTON, JR. & TINA MAE BARTON

owner(s)

who, after being by me duly sworn, upon oath states that he/she is the owner of record of that certain tract or parcel of land lying and being situated in Kendall County, Texas and being more particularly described as follows:

115 WOODLAND RANCH ROAD / WOODLAND RANCH ESTATES, LOT 5A

property location/description

The undersigned further states that he/she will, upon sale or transfer of the above-described property, request a transfer of the permit to operate such surface application system to the buyer or transferee.

Any buyer or transferee is hereby notified that the OSSF on this property requires a maintenance contract with an approved maintenance company for use of the system.

State of Texas
County of Kendall County

This instrument was acknowledged before me on: ____ Day of _____, 20 20

Owner Signature

Owner Signature

Owner Signature

Owner Signature

Notary Public, State of Texas

This Affidavit must be recorded at the County Clerks office, return a recorded copy to the Kendall County Development Management office*

ON-SITE SEWERAGE FACILITY SOIL EVALUATION REPORT INFORMATION

Date Soil Survey Performed: August 12, 2020

Site Location: WOODLAND RANCH ESTATES, LOT 5A

Proposed Excavation Depth: N/A

Requirements:

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area.

Locations of soil boring or dug pits must be shown on the site drawing.

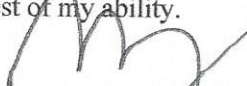
For subsurface disposal, soil evaluations must be performed to a depth of at least two feet below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated.

Describe each soil horizon and identify any restrictive features on the form. Indicate depths where features appear.

SOIL BORING NUMBER <u> </u> SURFACE EVALUATION <u> </u>						
Depth (Feet)	Texture Class	Soil Texture	Gravel Analysis	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0	III	CLAY LOAM	N/A	NONE OBSERVED	LIMESTONE @ 8"	BROWN
1						
2						
3						
4						
5						

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

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



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

08/12/2020

Date

Date: August 13, 2020

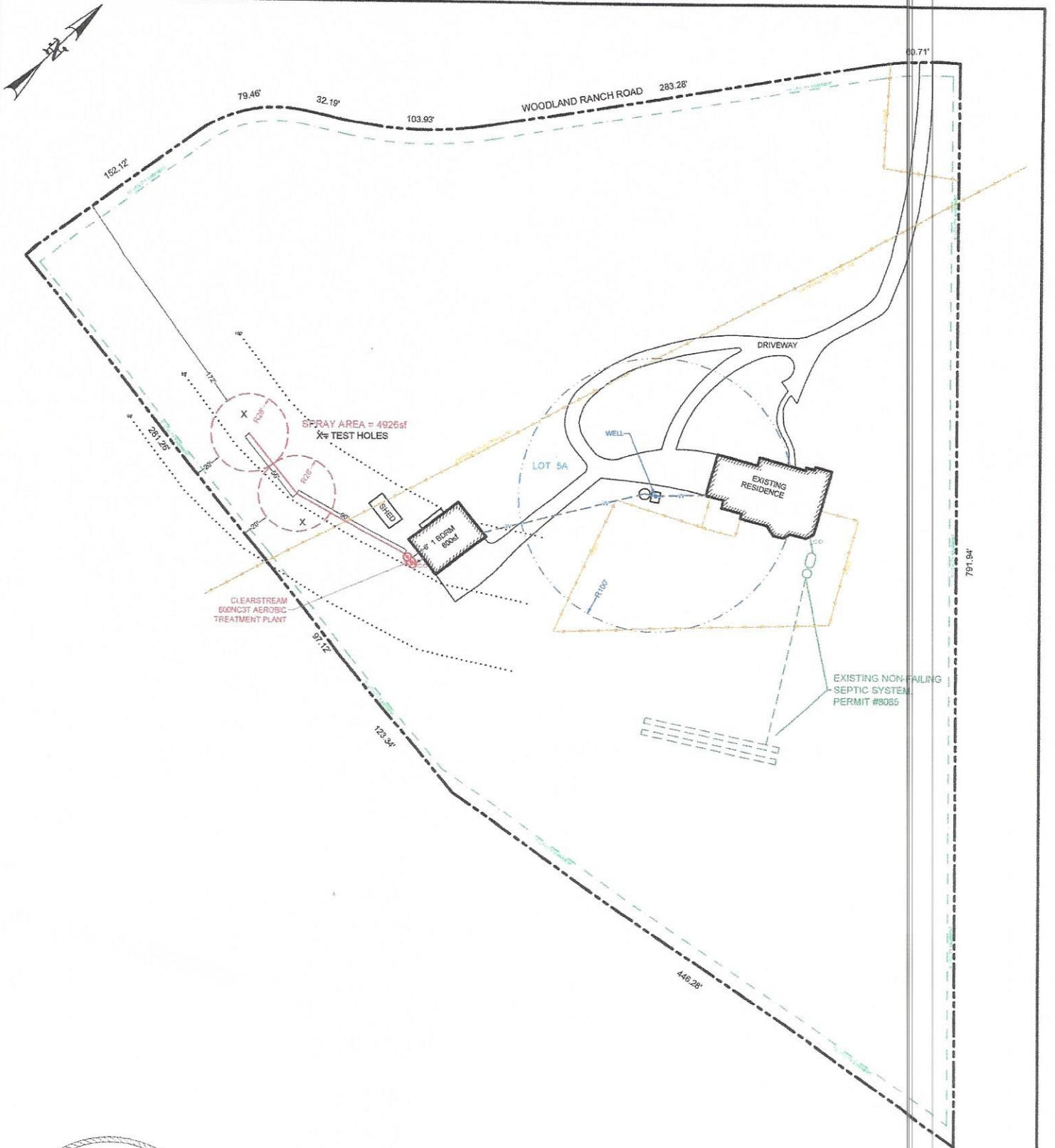
Name: DAVID PAUL & KASSIE ANN SOLDANO with EDGAR ROSS BARTON Jr. & TINA MAE BARTON
Address: c/o 4210 U.S. HWY. 281 NORTH
City: SPRING BRANCH State: TEXAS
Zip Code: 78006 Phone: (210) 771-7490

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

Lot 5A Unit Blk Subd. WOODLAND RANCH ESTATES
Street Address: 115 WOODLAND RANCH ROAD
City: BOERNE Zip Code: 78006
Additional Info.:

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

FIRM #2585



OWNER: DAVID PAUL & KASSIE ANN SOLDANO with EDGAR ROSS BARTON Jr. & TINA MAE BARTON				DRAWN BY: EJS III	
STREET ADDRESS: 115 WOODLAND RANCH ROAD					
LEGAL DESC: WOODLAND RANCH ESTATES			UNIT/SECTION/PHASE:		BLOCK:
					LOT: 5A
PREPARED BY: GREG W. JOHNSON, P.E. F#002585		SCALE: N.T.S.	DATE: 8/13/2020		REVISED:

TANK NOTES:

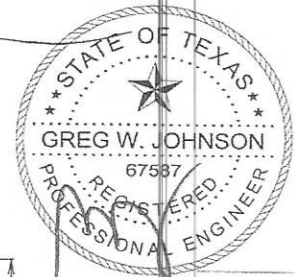
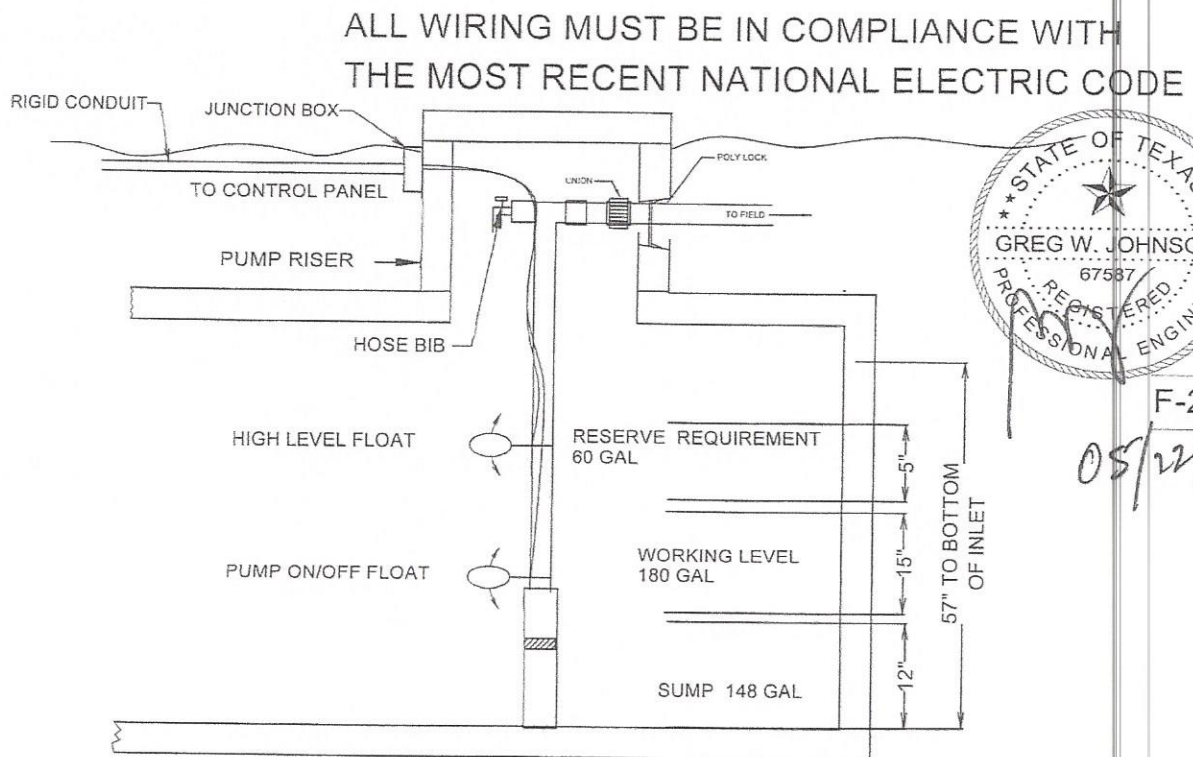
Tanks must be set to allow a minimum of 1/8" per foot fall from the residence.

Tightlines to the tank shall be SCH-40 PVC.

A two way sanitary tee is required between residence and tank.

A minimum of 4" of sand, sandy loam, clay loam free of rock shall be placed under and around tanks

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



F-2585

05/22/19

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

OPERATION

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

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

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



Figure 1: Insert a piece of 3" PVC pipe in the bottom of the motor to raise the pump in the tank.

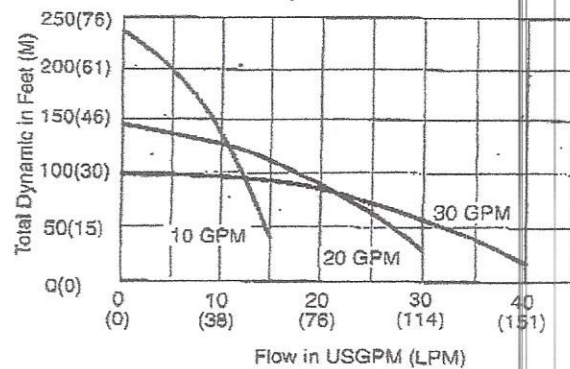


Figure 2: Performance in Feet of Head at Gallons Per Minute (GPM).

LOW ANGLE NOZZLE PERFORMANCE CHART

Nozzle	PSI	Radius	GPM
#1	30	22'	1.5
	40	24'	1.7
	50	26'	1.8
	60	28'	2.0
#3	30	29'	3.0
	40	32'	3.1
	50	35'	3.5
	60	37'	3.8
#4	30	31'	3.4
	40	34'	3.9
	50	37'	4.4
	60	38'	4.7
#6	40	38'	6.5
	50	40'	7.3
	60	42'	8.0
	70	44'	8.6

KRAIN
K-2 PLUS

X