

Dwayn Boos  
On-Site Sewage Facilities  
101 W. Main St, Mail Unit #9  
Fredericksburg, TX 78624

On-Site Sewage Facility

emailed  
10/11/22

Edwin Vale, Jr.  
PO Box 460  
Florence, Tx 76527

### PERMIT #8905

Property Location: 820 Old San Antonio Rd Fredericksburg, Tx

#### GILLESPIE COUNTY, TEXAS

This serves to notify all persons that the on-site sewage facility owned by the above has satisfied design, construction, and installation requirements of the Texas Commission on Environmental Quality (TCEQ) and Gillespie County. This Gillespie County On-Site Sewage Facility Permit is issued for the operation of the above-identified on-site sewage facility.

**ANY MODIFICATIONS TO THE STRUCTURE, SYSTEM COMPONENTS, OR CHANGES OF OWNERSHIP MAY REQUIRE A NEW PERMIT.** The owner must notify this office of the aforementioned changes.

600 GPD / WEEK = 12-BEDROOM SIZE AT 100 GAL / BEDROOM (6 UNITS)  
WEEKLY FLOW IS 3600 G / WK ÷ 7 DAYS / PER = 514.29 G / DAY

Title 30 of the Texas Administrative Code, Chapter 285 Order Adopting Rules of Gillespie County, Texas For On-Site Sewage Facilities requires an on-going maintenance contract for an aerobic surface application OSSF.

Inspector and Gillespie County Designated Representatives:

Dwayn C Boos

Dwayn C Boos OS0011257

Linda A Page OS0036695

10/10/2022 Date



GILLESPIE COUNTY

Permit Application for On-Site Sewage Facility

(Permit application is good for 1 year from purchase date.)

Permit # 8905 Date: 8-15-2022 Fee: \$600

Reason For Permit (Circle one): New Construction System Replacement System Repair

Name of Landowner: Vale Jr. Edwin H

Mailing Address: P.O. Box 460 Florence TX 76527

Daytime Phone Number(s): 254-394-3740 Cell Number(s): 254-394-3740

\*\*\*Email Mandatory eviedalan1@gmail.com

Physical Address/Location of new Septic System: 820 Old San Antonio Rd Fredericksburg TX 78624 \*\*\*GATE CODE: 1199

Legal Description: Gillespie CAD Property ID #: 2246 Volume Page Instrument#

Subdivision Name: Lot#: Blk Phase Tract or Abstract: 488 Survey Name and #: W.O. MERRIWETHER #36

Total Acreage: 15.02 Private Well Public Well (Supplier's Name):

Name & License # of person installing the Septic System: Mack Holland OS# 6223

Email: mack.holland@gmail.com Cell #: 512-748-2101

Information on a Single Family Residence: House Mobile Home Manufactured Total Square Footage of Living Area: # of bedrooms 12 # of bathrooms (Full) 20 (Half) 0 Does it have or will it have water saving devices... Water Softener (Demand Initiated Regeneration): Y or N

Information on a Non-Single Family Residence or Commercial/Institutional Facility (including Multi-Family residences) Describe usage: 12 BEDROOMS @ 100GPD EACH, 3 DAYS PER WEEK ONLY LAUNDRY INCLUDED FOR ALL 12 UNIT (24BR'S)

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to Gillespie County OSSF Department to enter upon the above described property for the purpose of soil/site evaluation and investigation of an on-site sewage facility.

(Signature of Landowner)

8-15-2022 (Date)

EAST PHASE

Office Use Only: Daily wastewater usage rate: Q=600 (gallons/day) Q: 600GPD, WEEKLY AVERAGE/DAY [checked] Site Evaluation [checked] Planning Materials submitted by: [checked] R.S. [checked] AUTHORIZATION to CONSTRUCT DR: Dwayne C Boos DATE: Sept 2, 2022

EAST

Certification of Approval

Final Inspection PERMIT # 8905

Date: 10/10/2022 Approved by: Dwight C Brown

I. Sewer (House Drain)  3" Sch 40  4" Sch 40  Other: SCH 80 (BETWEEN BUILDING)  
 Slope of sewer pipe to tank  minimum of 1/8"/ft.  
 Cleanouts every <100' and within 5' of 90° bends

II. Treatment: Conventional Tanks  Aerobic Other: \_\_\_\_\_

TANKS SIZE AND COMPARTMENTS	SERIAL#	RISERS	MANUFACTURER
1. 1000/S	96224	Y/N	BUCHANAN
2. 1750/S	92021	Y/N	"
3. 1750/S	91921	Y/N	"
4. AA 800	AA5281	Y/N	"

III. Disposal Field:  Conventional Gravel  Leaching Chambers (Brand) \_\_\_\_\_  
 Low-Pressure Pipe  Mounds  Gravel-Less Pipe  Pressure Emitters (drip)  
 ET Beds  Other: \_\_\_\_\_

Subsurface Disposal:				SQUARE FEET	
LENGTH OF TRENCH	WIDTH	HEIGHT OF MEDIA	CREDIT	AREA	LENGTH X CREDIT
1. _____ ft.	_____ ft.	_____ ft.	_____	_____	_____ Sq.ft.
2. _____ ft.	_____ ft.	_____ ft.	_____	_____	_____ Sq.ft.
3. _____ ft.	_____ ft.	_____ ft.	_____	_____	_____ Sq.ft.

IV. Surface Disposal (Application):  
 Loading Rate: 0.064 Area Required in Sq. ft. \_\_\_\_\_  
 Timer installed ----- Y/N Area Designed in Sq. ft. 9,650  
 Anti-siphon Hole used ----- Y/N  
 Check valve used ----- Y/N

V. Map of System: GPS UTM 14 R \_\_\_\_\_ Not to Scale

SEE DESIGN

E.Q. TANK DOSE 5 GALLONS PER MINUTES

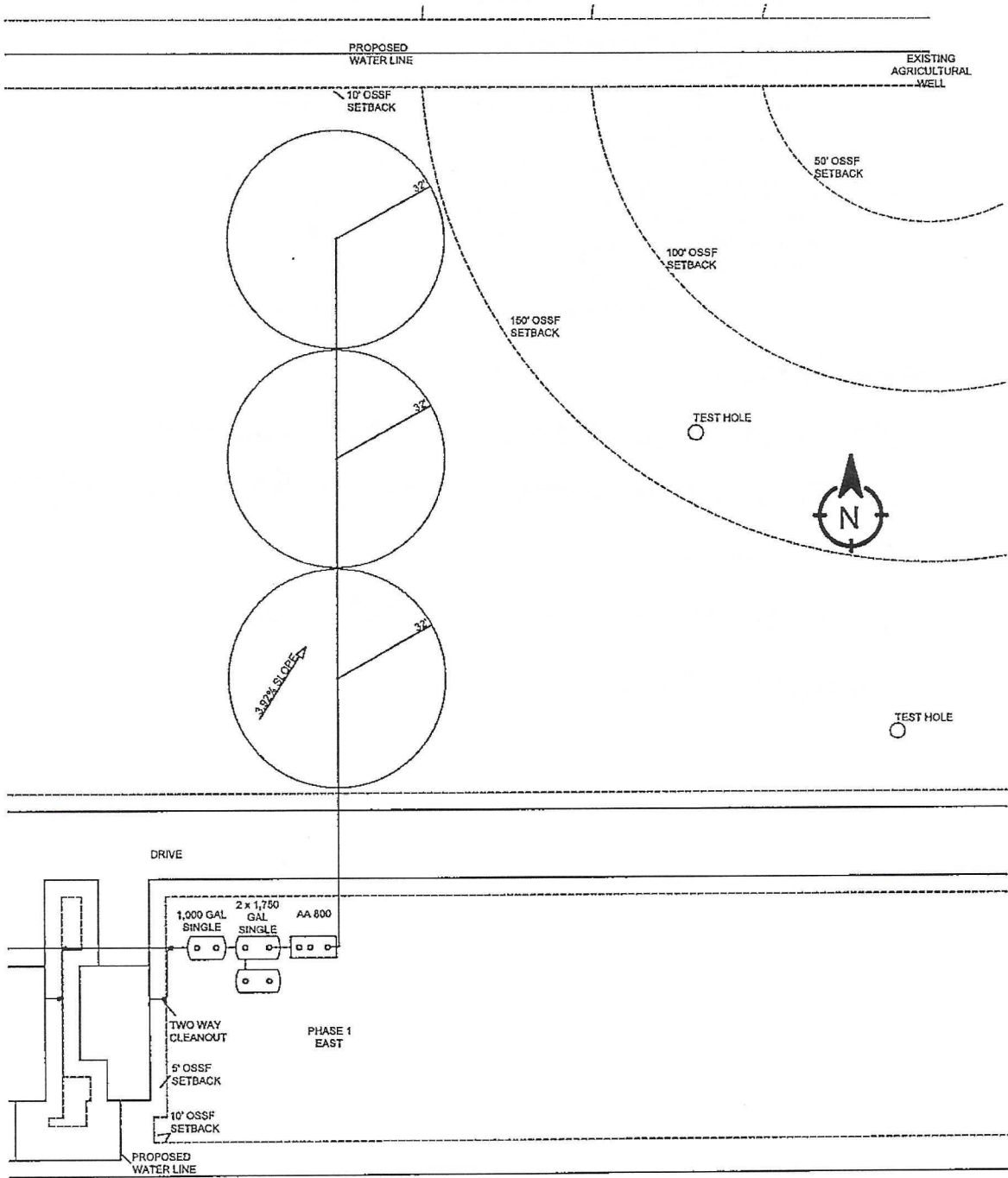
RUN TIME = 5 MINUTES (5 MIN. x 5 GAL/MIN = 25 GAL DOSE)

OFF TIME = 1 HR

MAX DOSE PER DAY = 600 GALLONS

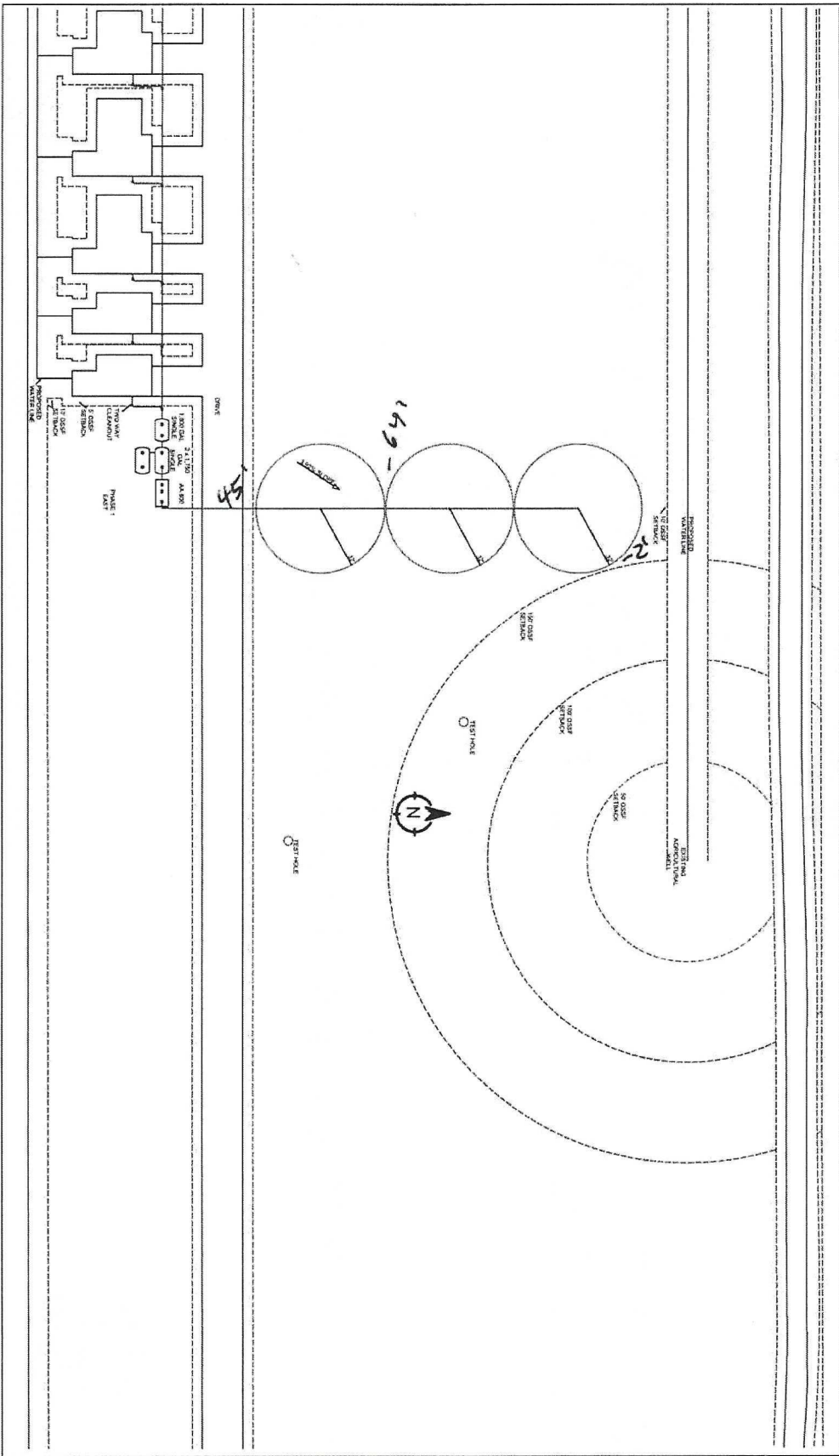
NIGHT SPRAY

820 OLD SAN ANTONIO ROAD IN GILLESPIE COUNTY, TEXAS  
 ABS A0488 W O MERRIWETHER #36, 15.02 ACRES



HILL COUNTRY SEPTIC AND ENVIRONMENTAL, LLC 432 WINDING HOLLOW LANE, GEORGETOWN, TEXAS 78628 (512) 775-0338 hdarling@hcseptic.com	DESIGNED BY: HDARLING DATE: 08/15/2022 ADDRESS: 820 OLD SAN ANTONIO RD	SCALE 1" = 30'	REVISIONS: 08/30/2022
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820 OLD SAN ANTONIO ROAD IN GILLESPIE COUNTY, TEXAS  
 ABS A0488 W O MERRIWETHER #36, 15.02 ACRES



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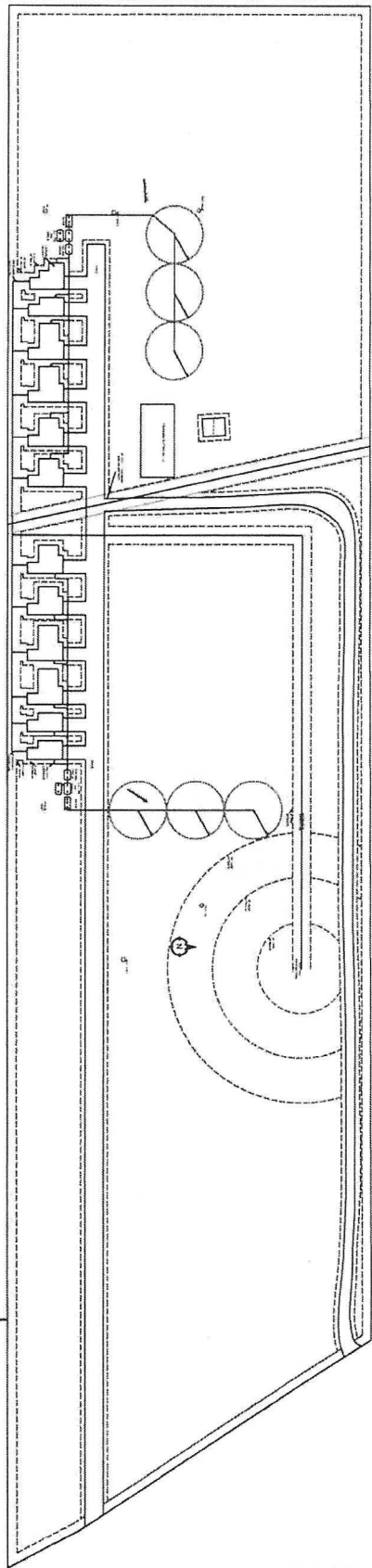
DESIGNED BY: HDARLING  
 DATE: 08/15/2022  
 ADDRESS: 820 OLD SAN ANTONIO RD

SCALE  
 1" = 50'

REVISIONS:  
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820 OLD SAN ANTONIO ROAD IN GILLESPIE COUNTY, TEXAS  
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EAST  
PHASE



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*E.Q. TANK, WEEKLY AVE FLOW SIZE FOR 600 GPD*

THIS DESIGN IS FOR PHASE ONE OF A MULTI-PHASE PROJECT CONSISTING OF RENTAL CABINS. THE CABINS WILL BE OCCUPIED THREE DAYS A WEEK. THE CABINS SPAN FROM ONE TO THREE BEDROOM UNITS WITHOUT A KITCHEN. THE LAUNDRY FACILITY ONSITE WILL NOT BE MADE AVAILABLE TO GUESTS AND IS TO BE USED FOR HOUSEKEEPING PURPOSES ONLY ONCE PER WEEK.

EACH CABIN HAS A DESIGNED FLOW OF 100 GPD PER BEDROOM. PHASE ONE IS SPLIT INTO TWO SIDES BY THE WATER MAIN EASEMENT RUNNING THROUGH THE PROPERTY. EACH SIDE, REFERRED TO ON THE DESIGN AS "PHASE 1 EAST" AND "PHASE 1 WEST", CONSISTS OF TWELVE BEDROOMS. THE LAUNDRY FACILITY IS ON PHASE 1 WEST, WITH A MAX FLOW RATE OF 1,600 GPD WHILE PHASE 1 EAST IS 1,200 GPD.

THREE DAYS AT 1,200 GPD EACH GIVES A TOTAL WEEKLY FLOW OF 3,600 GALLONS, AVERAGED OUT TO 514.29 GPD FOR PHASE 1 EAST WHILE THE WEEKLY FLOW OF 4,000 GALLONS, AVERAGES OUT TO 571.43 GPD FOR PHASE 1 WEST. IN ORDER TO TAKE A CONSERVATIVE APPROACH, EACH SYSTEM IS SIZED TO TREAT AN AVERAGE OF 600 GPD. THE TREATMENT AND DISPOSAL UNITS FOR PHASE 1 EAST AND PHASE 1 WEST ARE IDENTICAL. TREATMENT CONSISTS OF A BUCHANAN SEPTIC TANKS 1,000 GALLON SINGLE COMPARTMENT TRASH TANK, TWO BUCHANAN SEPTIC TANKS 1,750 GALLON SINGLE COMPARTMENT TANKS MAINFOLDED TOGETHER AS AN EQUALIZATION TANK, AND AN AQUA AIRE AA800-00110 ATU WITH AN ATTACHED 1,096 GALLON PUMP TANK.

DUAL LIBERTY LE41 PUMPS WILL DOSE THE ATU HOURLY (24 TIMES A DAY) AT 5 GPM DELIVERING UP TO 25 GALLONS PER DOSE USING AN R/R ALI-DI-LA CONTROL PANEL. A STA-RITE DOMINATOR 20DOM5121 4" SUBMERSIBLE PUMP IN THE PUMP TANK WILL DELIVER THE EFFLUENT THROUGH 1" SCH40 PVC TO THREE 32' RADIUS K-RAIN PROPULSUS ROTORS IN THE FILED OPERATED BY AN ECOLOGICAL TANKS, INC. MODEL 203 CONTROL PANEL.

*Q = 1200*  
*Laundry*  
*D = 1600 GPD MAX FLOW*



SITE SUMMARY PH 1 EAST		SITE SUMMARY PH 1 WEST	
NO. BEDROOMS	12	NO. BEDROOMS	12
WATER SAVING DEVICES	YES	WATER SAVING DEVICES	YES
SOIL TYPE	CLASS IV	SOIL TYPE	CLASS IV
FLOODPLAIN	NO	FLOODPLAIN	NO
EDWARDS AQUIFER RECHARGE ZONE	NO	EDWARDS AQUIFER RECHARGE ZONE	NO
RECHARGE FEATURES WITHIN 100'	NO	RECHARGE FEATURES WITHIN 100'	NO
WATER SOURCE	PUBLIC	WATER SOURCE	PUBLIC

- INSTALLER SHALL INSTALL THE OSSF IN ACCORDANCE WITH TCEQ AND LOCAL GOVERNMENT CODES
- THE OWNER OR CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL PROPERTY LINES, EASEMENTS, WELLS, AND OTHER RELATED IMPROVEMENTS EITHER ACTUAL OR PROPOSED AND VERIFY THAT THE SEPTIC SYSTEM INSTALLATION DOES NOT VIOLATE ANY REGULATION OR LAW
- PVC FROM THE CABINS TO THE TANK SHALL BE SCH40 STANDARD AND HAVE A MINIMUM OF 1/8" PER FOOT OF FALL, AND THE LINE SHALL CONTAIN A 3-4" SCH40 TWO-WAY CLEANOUT WITHIN 3' OF THE STRUCTURE WITH ADDITIONAL CLEANOUTS REQUIRED EVERY 50' FROM THE STRUCTURE TO THE TANK AS NECESSARY
- ALL OSSF COMPONENTS MUST MAINTAIN A MINIMUM 10' SETBACK TO ANY WATER LINE
- THERE SHALL BE NOTHING IN THE SURFACE APPLICATION AREA WITHIN TEN FEET OF THE SPRINKLERS WHICH WOULD INTERFERE WITH THE UNIFORM APPLICATION OF EFFLUENT
- BARE AREAS AND EXPOSED ROCK SHALL BE BACKFILLED WITH IMPORTED CLASS II OR III TOPSOIL TO AN ADEQUATE DEPTH TO SUPPORT VEGETATION IN THE SURFACE APPLICATION AREA
- VEGETATION IN THE SURFACE APPLICATION AREA SHALL BE CAPABLE OF GROWTH BEFORE SYSTEM START-UP

**DESIGN CALCULATIONS**

ABSORPTIVE AREA =  $Q/Ra$   
 $Q = 600.00$  GALLONS  
 $Ra = 0.064$  GPD  
 $A = 9,375.00$  SF

REQUIRED AREA = 9,375.00 SF  
 DESIGNED AREA = 9,650.97 SF  
 \*CALCULATIONS ARE THE SAME FOR PH 1 EAST AND PH 1 WEST

NO. OF NOZZLES	3
RADIUS	32'
ROTATION	360°
AREA PER NOZZLE	3,216.99 SF
TOTAL AREA	9,650.97 SF

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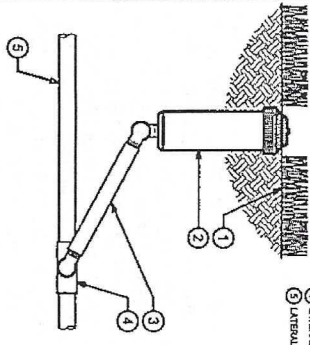
DESIGNED BY: HDARLING  
 DATE: 08/15/2022  
 ADDRESS: 820 OLD SAN ANTONIO RD

NOT TO SCALE

REVISIONS:  
 08/30/2022

820 OLD SAN ANTONIO ROAD IN GILLESPIE COUNTY, TEXAS  
 ABS A0488 W O MERRIWETHER #36, 15.02 ACRES

**K** MANUFACTURING



- ① Head Gasket
- ② Head Gasket O-ring
- ③ Head Gasket O-ring
- ④ Head Gasket O-ring
- ⑤ Head Gasket O-ring

K-RAIN PROPULS ROTOR WITH 4" POP-UP

- MODEL NO. 11003
- MODEL HAS A PURPLE TOP TO INDICATE WASTEWATER USE ONLY
- LOW ANGLE 12° NOZZLES TO BE USED AT ALL TIMES

LOW ANGLE PERFORMANCE DATA

NOZZLE	PRESSURE (PSI)	RADIUS (FT.)	FLOW (GPM)
# 1.0	30/40/50/60	22/24/26/28	1.2/1.7/1.8/2.0
# 3.0	30/40/50/60	29/32/35/37	3.0/3.1/3.5/3.8
# 4.0	30/40/50/60	31/34/37/38	3.4/3.9/4.4/4.7
# 6.0	40/50/60/70	38/40/42/44	6.5/7.3/8.0/8.6

PUMP HEAD CALCULATIONS:  
 OPERATING HEAD: 92.40'

OPERATING HEAD - A  
 PRESSURE REGULATOR SHALL BE SET TO MAINTAIN A PRESSURE OF 40 PSI IN THE DRAINFIELD

FRICITION LOSS CALCULATIONS  
 PH 1 EAST:  
 PH1 EAST: 104.20'  
 PH1 WEST: 118.64'

SUPPLY LINE NO.	LENGTH	PIPE DIAMETER	FLOW (GPM)	FITTINGS	HEAD LOSS
1	81.33'	1"	9.3	90° TEE	4.6'
2	64.50'	1"	6.2	TEE	1.7'
3	64.50'	1"	3.1	90°	0.5'
TOTAL	210.33'	N/A	N/A	N/A	6.8'

SUPPLY LINE NO.	LENGTH	PIPE DIAMETER	FLOW (GPM)	FITTINGS	HEAD LOSS
1	128.40'	1"	9.3	90° 2 X 45° TEE	7.1'
2	64.50'	1"	6.2	TEE	1.7'
3	64.50'	1"	3.1	90°	0.5'
TOTAL	257.40'	N/A	N/A	N/A	9.3'

OWNER GUIDANCE

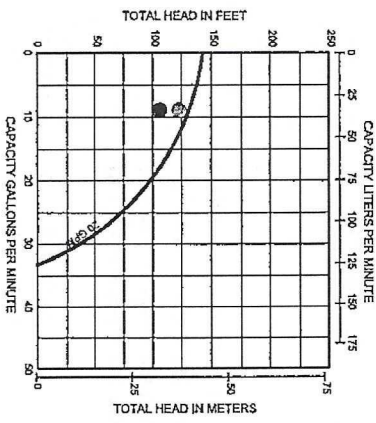
- USE OF WATER SOFTENERS CAN DAMAGE SYSTEM COMPONENTS AND VOID SYSTEM WARRANTY
- ONLY FLUSH ITEMS INTENDED FOR SEPTIC USE
- USE OF GARAGE DISPOSALS IS PROHIBITED
- DISPOSAL OF GREASE INTO THE SYSTEM IS PROHIBITED
- KEEP THE SPRAY AREA FREE OF OBSTRUCTIONS
- KEEP DISPOSAL AREA MOWED AND IN GOOD OPERATING CONDITION
- IT IS RECOMMENDED TO PUMP THE PRETREATMENT TANK EVERY TWO TO THREE YEARS TO AVOID SUBSIDING AND UPSETTING THE CHLORINE SYSTEM
- THE OWNER IS RESPONSIBLE FOR MAINTAINING APPROPRIATE GROUND COVER IN THE DISPOSAL AREA, INCLUDING OVERSEEDING WITH SEASONAL GRASSES DURING WINTER MONTHS
- IF ANY PROBLEMS PERSIST, CONTACT YOUR MAINTENANCE PROVIDER OR LICENSED CERTIFIED TECHNICIAN.

PUMP SELECTION CRITERIA:

PHASE 1 EAST:  
 9.3 GPM AT 104.20' HEAD  
 PHASE 1 WEST:  
 9.3 GPM AT 118.64' HEAD

PUMP SELECTION:  
 STAR-RITE DOMINATOR  
 MODEL NO: 20D0M05121 4"  
 SUBMERSIBLE PUMP

PUMP PERFORMANCE: 20 GPM



- PHASE 1 EAST
- PHASE 1 WEST

SERVICE AGREEMENT AND AFFIDAVIT

- MUST BE PROVIDED BY THE INSTALLER
- REQUIREMENTS AND SAMPLE COLLECTION MUST MEET THE MINIMUM REQUIREMENTS REQUIRED BY TCEQ AND THE LOCAL PERMITTING AUTHORITY
- AN AFFIDAVIT DETAILING THE USE OF SURFACE SPRAY MUST BE FILED IN THE COUNTY CLERK'S OFFICE



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 (512) 775-0338 hdarling@hcseptic.com

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REVISIONS:  
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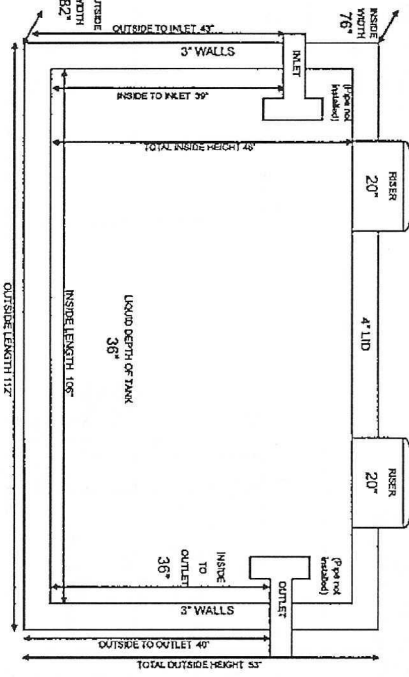
**820 OLD SAN ANTONIO ROAD IN GILLESPIE COUNTY, TEXAS**  
**ABS A0488 W O MERRIWETHER #36, 15.02 ACRES**

EQUALIZATION TANK SHALL BE EQUIPPED WITH AN AIR ALT-DT-LA CONTROL PANEL (OR EQUIVALENT)

- TIMER SETTINGS**
  - SET TIME TO DELIVER TWENTY-FOUR EQUAL-DURATION DOSES LASTING 5 MINUTES EACH. EACH DOSE SHALL DELIVER 25 GALLONS. REST FOR 55 MINUTES.

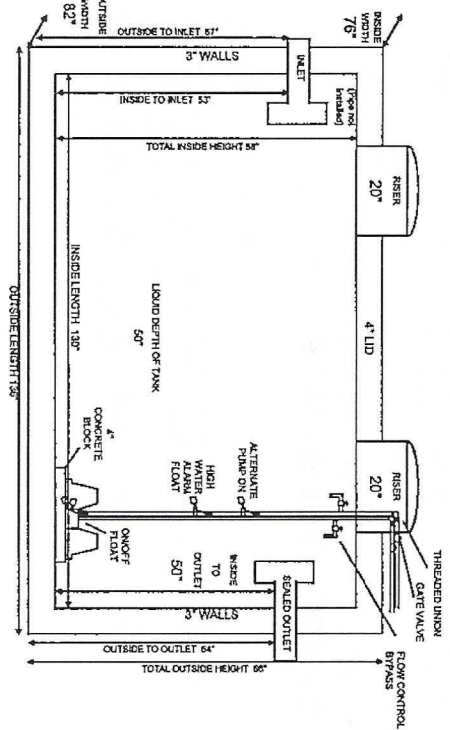
TRANSFER LINE VOLUME: 8.69 GALLONS

60.34 GALLONS PER INCH (53.0" USABLE VOLUME)  
 ALTERNATE PUMP ON AT 44" ABOVE FLOOR  
 ALARM ON AT 43" ABOVE FLOOR (603.40 GALLONS ALARM VOLUME)  
 PUMP ON AT 10.0" ABOVE FLOOR (603.40 GALLONS)



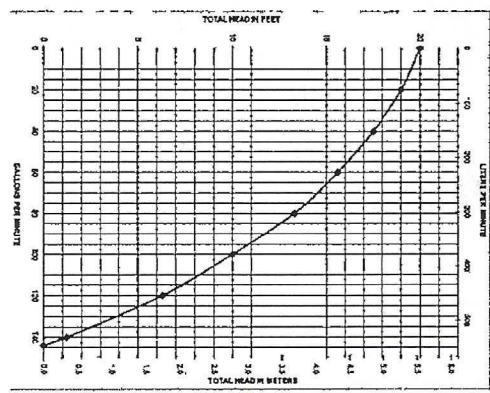
Buchanan Septic Tanks, Inc.  
 P.O. Box 2971, 15648 Hwy. 29  
 Buchanan Dam, TX 78602  
 P: (512) 793-3100 | F: (512) 793-4047

1000 GALLON SINGLE COMPARTMENT  
 LONG OVAL SEPTIC TANK  
 27.77 GALLONS PER INCH



Buchanan Septic Tanks, Inc.  
 P.O. Box 2971, 15648 Hwy. 29  
 Buchanan Dam, TX 78602  
 P: (512) 793-3100 | F: (512) 793-4047

1750 GALLON SINGLE COMPARTMENT  
 LONG OVAL SEPTIC TANK  
 55 GALLONS PER INCH



**Liberty Pumps**  
**Pump Specifications**  
**LE40 Series**  
**4/10 HP Submersible Sewage Pump**



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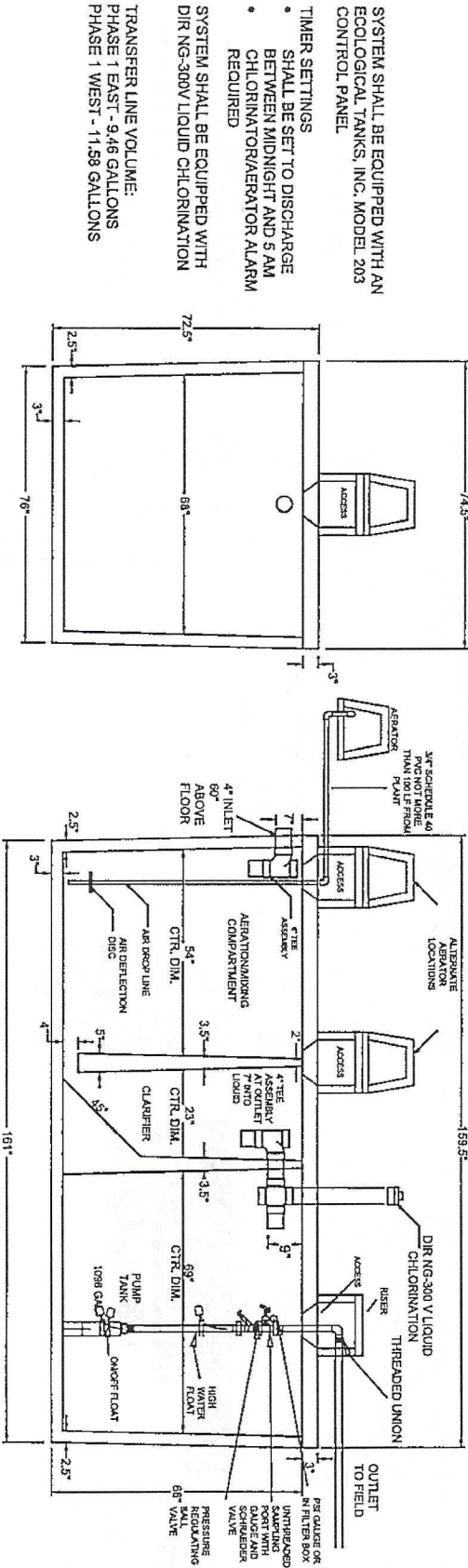
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820 OLD SAN ANTONIO ROAD IN GILLESPIE COUNTY, TEXAS  
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- CONSTRUCTION NOTES:**
- ALL COMPONENTS MUST BE AT LEAST 10' FROM ANY WATER LINE, PRIVATE OR PUBLIC
  - ALL COMPONENTS MUST BE AT LEAST 10' FROM AND PRIVATE WATER WELL AND 150' FROM ANY PUBLIC WATER WELL
  - PIPING FROM THE HOUSE TO THE TANK SHALL CONTAIN A TWO-WAY CLEANOUT AND LINE MUST HAVE POSITIVE GRADE AT OR EXCEEDING 1/8" PER FOOT TO THE TANK
  - THE TANK SHALL BE SET LEVEL WITHIN 1"
  - THE TANK SHALL BE PLACED ON 4" OR SAND OR PEA GRAVEL FREE OF ROCK LARGER THAN PEA GRAVEL
  - TANK DECK SHALL BE EXCAVED UNLESS A RISER IS INSTALLED ON EACH CLEANOUT AND EXTENDS TO WITHIN 6" OF THE GROUND SURFACE
  - ALL ACCESS RISERS WILL EXCEED A SECONDARY RISER'S INSTALLED BELOW THE RISER CAP TO PREVENT TANK ENTRY IF THE CAP IS UNKNOWNLY DAMAGED OR REMOVED
  - THE RISER LID MUST BE PERMANENTLY FASTENED TO THE TANK, BE WATER TIGHT AT THE LID AND INTERFACE, AND HAVE A PADLOCK OR COVER THAT REQUIRES TOOLS OR BE RECESSED WITH A MINIMUM HEIGHT OF 65 LB.
  - THE ALARM SHALL BE WIRED ON A SEPARATE CIRCUIT FROM THE PUMP
  - ALL PIPING AND VALVE BOXES MUST BE PERMANENTLY COLORED PURPLE TO SIGNIFY RECLAIMED WATER

**AquaAire SEWAGE TREATMENT SYSTEM  
 AA800-00110 ONE PIECE WITH LID**



SYSTEM SHALL BE EQUIPPED WITH AN ECOLOGICAL TANKS, INC. MODEL 203 CONTROL PANEL

**TIMER SETTINGS**

- SHALL BE SET TO DISCHARGE BETWEEN MIDDNIGHT AND 5 AM
- CHLORINATOR/AERATOR ALARM REQUIRED

SYSTEM SHALL BE EQUIPPED WITH DIR NG-300V LIQUID CHLORINATION

TRANSFER LINE VOLUME:  
 PHASE 1 EAST - 9.46 GALLONS  
 PHASE 1 WEST - 11.58 GALLONS

18.27 GALLONS PER INCH (60.0" USABLE VOLUME)  
 ALARM ON AT 46" ABOVE FLOOR (255.78 GALLONS ALARM VOLUME)  
 START PUMP AT 9.0" ABOVE FLOOR (164.43 GALLONS)  
 STOP PUMP AT 8.0" ABOVE FLOOR (146.16 GALLONS)

TOTAL DISCHARGE TIME  
 • 600 GALLONS/9.3 GPM = 64.52 MINUTES

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# OSSF Soil & Site Evaluation

Page 1 (Soil & Site Evaluation)

Date Performed: 08/13/2022

Property Owner: Edwin H. Vale Jr.

Site Location: 820 Old San Antonio Road Proposed Excavation Depth: \_\_\_\_\_

REQUIREMENTS: Fredericksburg, Texas 78624

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area. Locations of soil borings 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 disposal field excavation depth. For surface disposal, the surface horizon must be evaluated. Describe each soil horizon and identify any restrictive features on this form. Indicate depths where features appear.

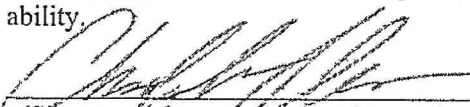
Soil Boring Number: <u>1</u>					
Depth (Feet)	Texture Class	Gravel Analysis (If Applicable)	Drainage (Mottles/Water Table)	Restrictive Horizon	Observations
1 FT.	<u>CLASSTII</u>	<u>less than 30% Rock</u>	<u>None</u>	<u>None</u>	<u>Reddish/Brown</u>
2 FT.					<u>Silty Clay Loam</u>
3 FT.					
4 FT.					
<u>62"</u>					

Soil Boring Number: <u>N/A</u>					
Depth (Feet)	Texture Class	Gravel Analysis (If Applicable)	Drainage (Mottles/Water Table)	Restrictive Horizon	Observations
1 FT.					
2 FT.					
3 FT.					
4 FT.					
5 FT.					

### FEATURES OF SITE AREA

- Presence of 100 year flood zone  Yes  No
- Presence of upper water shed  Yes  No
- Presence of adjacent ponds, streams, water impoundments  Yes  No
- Existing or proposed water well in nearby area (within 150 feet)  Yes  No
- Ground Slope 4 1/2 %

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

  
 (Signature of person performing evaluation)  
 Form # PA5/030204-Final Chris A. Moreno

08/13/2022  
 (Date)

050037372 Site Evaluator  
 Registration Number and Type

## OSSF Soil & Site Evaluation

Page 2 (Soil & Site Evaluation)

Date Performed: 08/13/2022

Property Owner: Edwin H. Vale Jr.

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Soil Boring Number: <u>2</u>					
Depth (Feet)	Texture Class	Gravel Analysis (If Applicable)	Drainage (Mottles/Water Table)	Restrictive Horizon	Observations
1 FT.	<u>Class III</u>	<u>Less than 30% Rock</u>	<u>None</u>	<u>None</u>	<u>Reddish Brown</u>
2 FT.					<u>Silty Clay Loam</u>
3 FT.					
4 FT.					
<del>5 FT.</del> <u>52"</u>					

Soil Boring Number: <u>3</u>					
Depth (Feet)	Texture Class	Gravel Analysis (If Applicable)	Drainage (Mottles/Water Table)	Restrictive Horizon	Observations
1 FT.	<u>Class III</u>	<u>Less than 30% Rock</u>	<u>None</u>	<u>None</u>	<u>Reddish Brown</u>
2 FT.					<u>Silty Clay Loam</u>
3 FT.					
4 FT.					
<del>5 FT.</del> <u>56"</u>					

### FEATURES OF SITE AREA

- Presence of 100 year flood zone  Yes  No
- Presence of upper water shed  Yes  No
- Presence of adjacent ponds, streams, water impoundments  Yes  No
- Existing or proposed water well in nearby area (within 150 feet)  Yes  No
- Ground Slope 4 1/2 %

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

Chris A. Moreno  
 (Signature of person performing evaluation)  
 Form # PA5/030204-Final

08/13/2022  
 (Date)

050037372 Site Evaluator  
 Registration Number and Type

Chris A. Moreno

Date Performed: 08 / 13 / 2022

Site Location: 820 Old San Antonio Blvd  
Fredericksburg, Texas 78624

Subsurface Disposal     Surface Disposal

Schematic of Lot or Tract

Show:

Compass North, adjacent streets, property lines, property dimensions, location of buildings, easements, swimming pools, water lines, and any other structures where known, all to scale.

Location of existing or proposed water wells within 150 feet of the property.

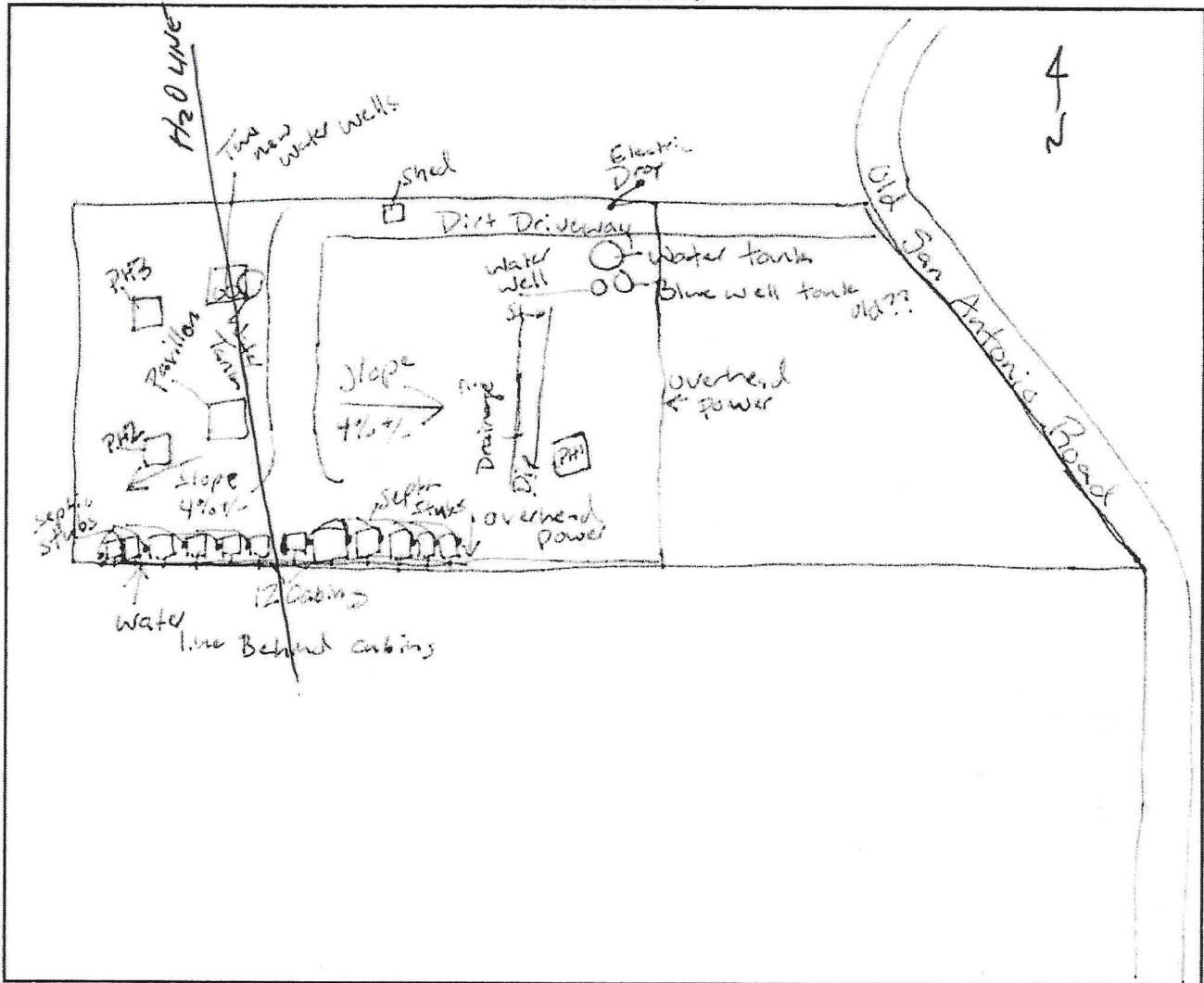
Indicate slope or provide contour lines from the structure to the farthest location of the proposed disposal field.

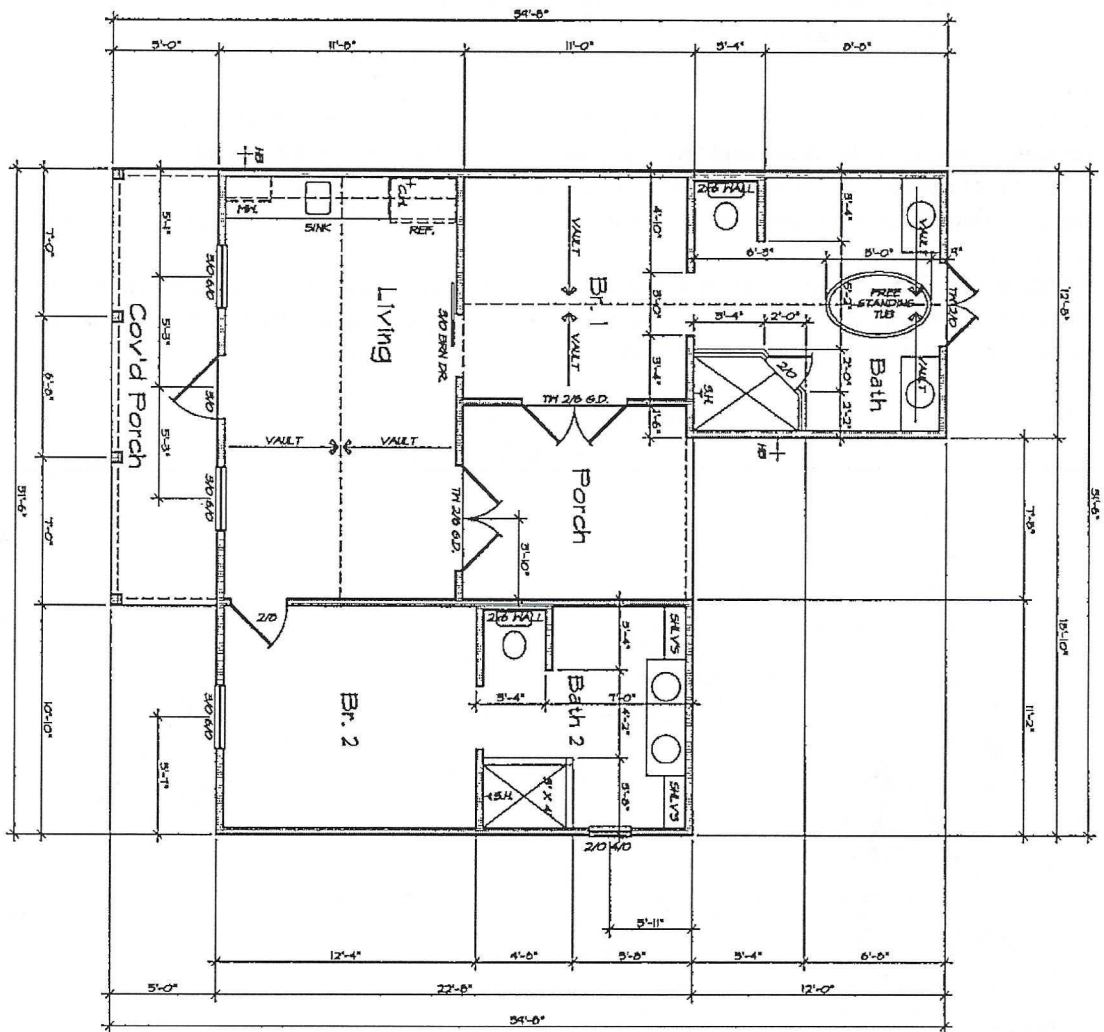
Location of soil boring or excavation pits (show location with respect to a known reference point).

Location of natural, constructed, or proposed drainage ways (ditches, streams, ponds, lakes, rivers, etc.), water impoundment areas, cut or fill bank, sharp slopes and breaks.

Lot Size: \_\_\_\_\_ or Acreage: 15.02

SITE DRAWING



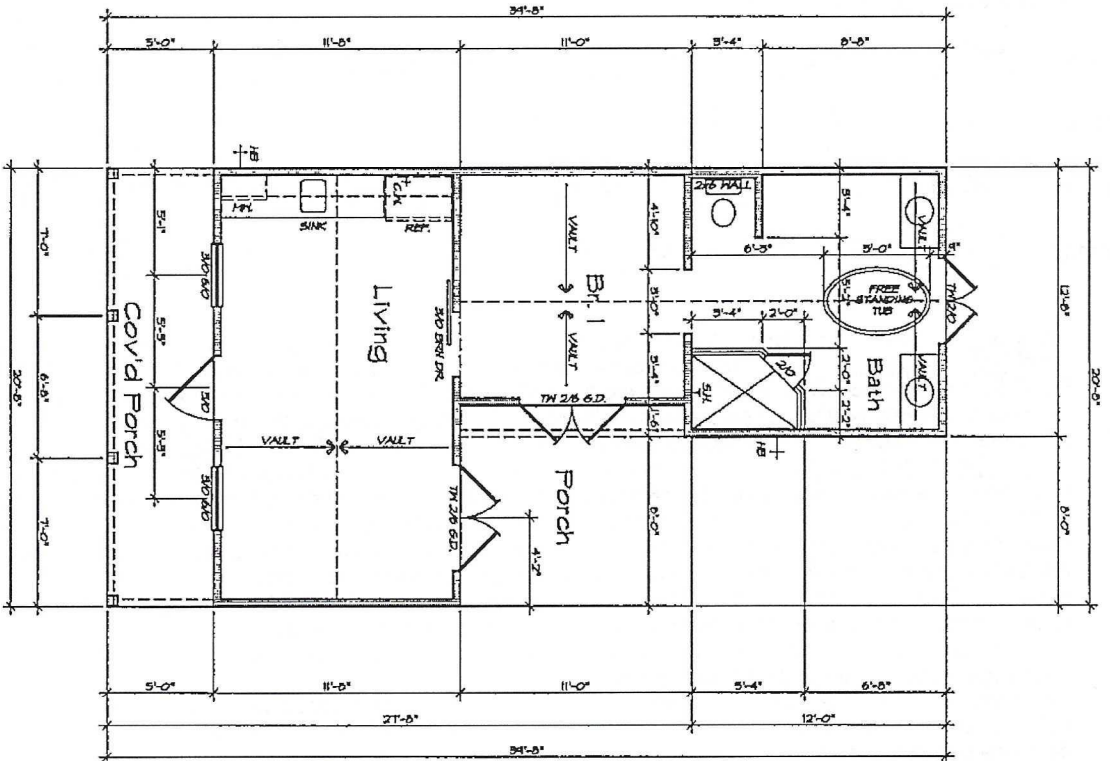


\$FLA.FLJ                    07125  
 FRONT PORCH SF.        01000  
 BACK PORCH SF.        01000  
 TOTAL SLAB              03015

NOTE:  
 9'-0" CEILING TYPICAL UNLESS NOTED OTHERWISE.  
 WINDOW HEADERS @ 1'-10" AFF. UNLESS NOTED OTHERWISE.

**FLOOR PLAN**  
 1/4" = 1'-0"  
 SC

<b>VALE/IRVIN BUILDERS</b> <b>PLAN BY</b> <b>CENTRAL TEXAS DESIGNS</b> 234 N. MAIN ST. BELTON, TX 76503 (254-335-6500)	COPYRIGHT © 2021 CENTRAL TEXAS DESIGNS	DRAIN BY DIM	CHECKED BY DIM	DATE 01/03/22	PLAN NO. VH082A	SHEET NO. <b>1</b>	REVISIONS
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SF.FLA. FLI 0515  
 FRONT PORCH SF. 0100  
 BACK PORCH SF. 0105  
 TOTAL SLAB 0120  
 NOTE:  
 9'-0" CEILING TYPICAL UNLESS  
 NOTED OTHERWISE.  
 WINDOW HEADERS @ 1'-10" AFF.  
 UNLESS NOTED OTHERWISE.  
**FLOOR PLAN**  
 1/4" = 1'-0"

REVISIONS	<b>VALE/IRVIN BUILDERS</b> <b>PLAN BY</b> <b>CENTRAL TEXAS DESIGNS</b> 234 N. MAIN ST. BELTON, TX. 76815 (734-335-6500)	COPYRIGHT © 2021 CENTRAL TEXAS DESIGNS	DRAWN BY CDR	CHECKED BY CDR	DATE 07/03/21	VII-082 PLAN NO.	SHEET NO. <b>1</b>
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# J BAR C SEPTIC SERVICES LLC

PO BOX 3465, Fredericksburg, TX 78624 (830) 998-2582 or (325) 244-5894

ibarcsepticervices@gmail.com

## ON-SITE SEWAGE FACILITY (OSSF) SERVICE AGREEMENT

REGULATORY AUTHORITY: GILLESPIE COUNTY PERMIT/LICENSE#: 8905  
CLIENT: Eddie Vale  
SITE ADDRESS: 820 Old San Antonio Rd  
CITY: Fredericksburg, TX COUNTY: Gillespie ZIP: 78624  
MAILING ADDRESS: P.O. Box 460  
CITY: Florence, TX ZIP: 76527 PHONE#: 254-394-3740  
EMAIL: eviedaban1@gmail.com GATE CODE: 1199

- General:** This Work for Hire Agreement (hereinafter referred to as "Agreement") is entered into by and between: Eddie Vale (hereinafter referred to as "Client") and J Bar C Septic Services LLC (hereinafter referred to as "Contractor") agree to render services at the site address stated above, as described herein, and the Client agreed to fulfill his/her/their responsibilities, as described herein.
- Effective Dates:** This Agreement commences on 10/10/2022 and ends on 10/10/2024 for a total of two (2) years (new installation) ~~\$1000.00~~ or (1) year (renewal) \$500.00.
- Payments:** Payments for such additional services for repairs are due when service is provided or rendered. Payment of invoice(s) for any other service or repair provided by the Contractor is due upon receipt of invoice(s). Payment not received within thirty (30) days from the invoice date will be subject to a \$25.00 late penalty and a 1.5% per month carrying charge, in addition to any reasonable attorney's fees and all collection and court cost incurred by Contractor in collection of any unpaid debts(s). If for any reason a check is returned to the Contractor, a \$30.00 return check fee will be assessed. The Contractor may terminate this agreement at any time for nonpayment for services.
- Fees for Service:** The fee does not include any equipment, labor or parts necessary for non-warranty repairs OR for unscheduled visit to the site per Client's request.
- Renewal:** This Agreement shall automatically renew each at the same terms, conditions, and costs, unless either party gives notice of terminations a minimum of thirty (30) days prior to end of first agreement period.
- Services by Contractor:**
  - Inspect and perform routine maintenance on the On-Site Sewage Facility (hereinafter referred to as OSSF) as recommended by the treatment system manufacturer, and in compliance with state and/or local regulation. There will be three (3) scheduled visits per calendar year (approximately once every four (4) months).
  - Provide a written notification of the visit - notification will be left at the site either by an inspection tag attached to the control panel or with site personnel upon completion of inspection.
  - Report to the appropriate regulatory authority and to the Client, as is required by both the State's on-site rules and the Regulatory Agency's rules. All findings must be reported to the Regulatory Agency within fourteen (14) days.
  - If any components of the OSSF are found to be in need of repair or replacement during the inspection and are not covered by warranty, the Client authorized the Contractor to do minor repairs to prevent other problems and bill Client for services performed; however, the Contractor will notify the Client of any major repairs and the associated cost the major repair.
  - Visit Site in response to Client's request(s) for unscheduled services(s) within two (2) business days from the date of Contractor's receipt of Client's request. The cost for unscheduled visits will be billed to the Client unless covered by warranty.

Client's Initials: EV





Edwin H. Vale Jr.

Legibly Print Landowner Name

TO THE PUBLIC

AFFIDAVIT

**COPY**

COUNTY OF GILLESPIE

§

THE STATE OF TEXAS

§

CERTIFICATION OF ON-SITE SEWAGE FACILITY REQUIRING MAINTENANCE

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

I

The Texas Health and Safety Code, Chapter 366 authorizes the Texas Commission on Environmental Quality (TCEQ) to regulate On-Site Sewage Facilities (OSSFs). Additionally, the Texas Water Code (TWC), § 5.012 and §5.013, gives the Commission primary responsibility for implementing the laws of the State of Texas relating to water and adopting rules necessary to carry out its powers and duties under the TWC. The Commission, under the authority of the TWC and the Texas Health and Safety Code, requires owner(s) to provide notice to the public that certain types of OSSFs are located on specific pieces of property. To achieve this notice, the Commission requires a deed recording. Additionally, the owner must provide proof of the recording to the OSSF permitting authority. This recorded affidavit is not a representation or warranty by the Commission of the suitability of this OSSF, nor does it constitute any guarantee by the Commission that the appropriate OSSF was installed.

II

An OSSF requiring a maintenance contract, according to 30 Texas Administrative Code § 285.91 (12) will be installed on the property described as: (Attached Legal Description Exhibits). Or Subdivision Name ABS A-488 w/o Merriwether  
Lot # 820 Old San Antonio Rd # 36, 15-02 acres

The property is owned by: Edwin H. Vale Jr.

This OSSF shall be covered by a continuous service policy 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 Gillespie County Sanitation Department.

WITNESSED BY MY HAND ON THIS 15<sup>th</sup> DAY OF August, 2022.

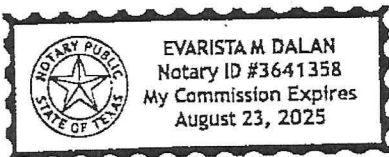
[Signature]  
(Owner(s) Signature(s))

THE STATE OF TEXAS §

COUNTY OF GILLESPIE §

SWORN TO AND SUBSCRIBED BEFORE ME ON THIS 15<sup>th</sup> DAY OF August, 2022.

[Signature]  
Notary Public in and for the State of Texas



- Maintain a current license to operate and abide by the conditions and limitations of that license and all requirements for OSSF from the state and/or local regulatory agency, as well as, the proprietary system's manufacturer recommendations.
  - Commercial systems only: The sample collection & laboratory testing of BOD & TSS on a yearly basis is required by this permit & you the Client are responsible for these fees. BOD & TSS results: If the results, state system overload, additional testing may be required and you the Client will be responsible for all additional testing fees.
- Provide the Contractor with water usage records, upon request, for the evaluation by the Contractor of the OSSF.  
Only if the design criteria state such request. Initial JS

7. Client's Responsibilities:

- The responsibility to maintain the chlorinator and to provide any necessary chemicals is that of the Client. Initial \_\_\_\_\_
  - Protect equipment from any physical damage by lawnmowers/yard maintainers. Including by not limited to that damage caused by insects.
  - Provide and maintain all necessary yard or lawn maintenance and removal of obstacles, including the following but not limited to animals, brush, debris, trash, trees, and vehicles, as needed to allow the OSSF to function properly and to allow the Contractor easy and safe access to all part of the OSSF system.
  - Client should allow for samples at both the inlet and outlet to the OSSF to be obtained by the Contractor for the purpose of evaluating, the OSSF's performance. If these samples are sent to the lab for testing, with the exception of the service provided to Commercial Systems only as stated above in Section 7. The Client agrees to pay the Contractor for the following: sample collection, transportation, portal top portal, at the rate of \$40.00 per hour plus the associated fees for lab testing.
  - Notify the Contractor of any and all problems with, including failure of the OSSF.
  - Prevent the backwash from water treatment or water conditioning equipment to enter the OSSF.
  - Provide for pumping and cleaning of tanks when recommended, at Client's expense.
  - Maintain site drainage to prevent adverse effects of OSSF.
  - Promptly and fully pay Contractor's bills, fees, or invoices as described herein.
8. Access by Contractor: By signing this agreement the Client is allowing the Contractor access to the OSSF equipment during the Contractor's normal business hours or other reasonable hours without prior notice to the Client for the purpose to perform, the Services and/or repairs to the OSSF. Contractor will require access to the OSSF electrical and physical component, including tanks and treatment units, by means of man ways, or risers, for the purpose of evaluation as required by State and/or local rules and by manufacturer. If such man ways or risers are not in place, excavation together with labor and materials will be required and will be billed to Client as an additional fee, plus material at list price. Excavated soil is to be replaced as best as reasonably possible by Contractor at the time such service is provided or rendered. Under NO circumstances is the Contractor liable for damages to bushes, grass, landscaping, ornamental objects, roots, sod, or for the uneven settling of the soil and any unmarked underground items, such as: air, cable, electrical, gas, telephone, or water lines, etc.
9. If contractor cannot access the OSSF system: There will be a \$50.00 return trip fee due for the following, access code or lock changed, vegetation overgrowth around tank and spray heads and must return to re-inspect. It is your responsibility to inform J bar C Septic Services LLC of any gate code changes. Initial JS
10. Application or Transfer of Payments: This agreement is NON-TRANSFERABLE; however, the fees paid for the agreement may transfer to the subsequent property owner(s). This replacement Agreement must be signed and returned to the Contractor within fifteen (15) business days of transfer of property ownership. The subsequent property owner(s) must sign a similar agreement authorizing the Contractor to perform the above-described Services and accepting the Client's responsibilities. All funds received from first Client to Contractor will first go to pay for all past due obligations arising from this agreement, including all late fees, return check fees, penalties and repairs or services rendered and not yet paid within thirty (30) days of invoicing.
11. Limits of Liability: In NO event shall the Contractor be liable for indirect, consequential or punitive damages, whether in contract tort or any theory. The Contractor shall not be liable in an amount exceeding the price for the Services described in this Agreement.
12. Termination of Agreement: This Agreement may be terminated by either party with thirty (30) days written notice for any reason or in the event of substantial failure to perform in accordance with its terms, without fault or liability of the terminating party. The party terminating this agreement will immediately notify the other party, the equipment manufacturer, and the appropriate regulatory agency of the termination. If this Agreement is so terminated, Contractor will be paid at a rate of \$105.00 per hour for any work performed, but not yet paid.
13. Entire Agreement: This Agreement contains the entire Agreement of the parties, and there no other conditions or promises, in any other agreement, oral or written.

Joshua Smith  
Joshua Smith MP#0001868

Eddie Vele 8-24-22  
Client's Signature Date

Client's Initials: JS