Installer Name:	OSSF Installer #:	
1st Inspection Date:	2nd Inspection Date:	3rd Inspection Date:
Inspector Name:	Inspector Name:	Inspector Name:

Permit#: Address: No. Description Answer Citations 1st Insp. 2nd Insp. 3rd Insp. Notes SITE AND SOIL CONDITIONS & 285.31(a) SETBACK DISTANCES Site and Soil 285.30(b)(1)(A)(iv) Conditions Consistent with Submitted Planning Materials 285.30(b)(1)(A)(v) 285.30(b)(1)(A)(iii) 285.30(b)(1)(A)(ii) 285.30(b)(1)(A)(i) SITE AND SOIL CONDITIONS & SETBACK DISTANCES Setback 285.91(10) Distances 285.30(b)(4) Meet Minimum Standards 285.31(d) SEWER PIPE Proper Type Pipe from Structure to Disposal System (Cast Iron, Ductile Iron, Sch. 40, 285.32(a)(1) SDR 26) 3 SEWER PIPE Slope from the Sewer to the Tank at least 1/8 Inch Per 285.32(a)(3) Foot SEWER PIPE Two Way Sanitary -Type Cleanout Properly Installed (Add. C/O Every 100' &/or 90 285.32(a)(5) degree bends) PRETREATMENT Installed (if required) TCEQ Approved List 285.32(b)(1)(G) PRETREATMENT Septic Tank(s) 285.32(b)(1)(E)(iii) Meet Minimum Requirements 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) 6 PRETREATMENT Grease Interceptors if required for 285.34(d) commercial

**Inspector Notes:** 

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
8	SEPTIC TANK Tank(s) Clearly Marked SEPTIC TANK If SingleTank, 2Compartments Provided withBaffle SEPTIC TANK Inlet Flowline Greater than3" and " T " Provided on Inlet and OutletSEPTIC TANK Septic Tank(s) MeetMinimum 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) (I)285.32(b)(1)(E)(ii) (I)285.32(b)(1)(E) (i)285.32(b)(1)(C) (ii)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)				
	ALL TANKS Installed on 4" Sand Cushion/ Proper Backfill Used		285.32(b)(1)(F) 285.32(b)(1)(G) 285.34(b)				
	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 providedSEPTIC TANK Riser permanently fastened to lid or cast into tank SEPTIC TANK Riser cap protected against unauthorized intrusions		285.38(d) 285.38(e)				
	SEPTIC TANK Tank Volume Installed						
	PUMP TANK Volume Installed						
	AEROBIC TREATMENT UNIT Size Installed						
14	AEROBIC TREATMENT UNIT Manufacturer AEROBIC TREATMENT UNIT Model Number						
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)				

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	DISPOSAL SYSTEM Drip Irrigation						
			285.33(c)(3)(A)-(F)				
19							
	DISPOSAL SYSTEM Soil		205 22(4)(4)				
20	Substitution		285.33(d)(4)				
	DISPOSAL SYSTEM Pumped Effluent		285.33(a)(4)				
			285.33(a)(3) 285.33(a)(1)				
24			285.33(a)(1) 285.33(a)(2)				
21	DISPOSAL SYSTEM Gravelless Pipe						
			285.33(a)(3)				
			285.33(a)(2)				
			285.33(a)(4) 285.33(a)(1)				
22							
	DISPOSAL SYSTEM Mound		285.33(a)(3)				
			285.33(a)(1)				
			285.33(a)(2) 285.33(a)(4)				
23	DISPOSAL SYSTEM Other						
	(describe) (Approved Design)		285.33(d)(6) 285.33(c)(4)				
24			265.55(0)(4)				
	DRAINFIELD Absorptive Drainline 3" PVC						
	or 4" PVC						
25	DRAINFIELD Area Installed						
26							
	DRAINFIELD Level to within 1 inch						
	per 25 feet and within 3 inches over entire excavation		285.33(b)(1)(A)(v)				
27							
	DRAINFIELD Excavation Width						
	DRAINFIELD Excavation Depth DRAINFIELD Excavation Separation						
	DRAINFIELD Depth of Porous Media						
	DRAINFIELD Type of Porous Media						
28							
	DRAINFIELD Pipe and Gravel -		205 22/5//4//5/				
29	Geotextile Fabric in Place		285.33(b)(1)(E)				
	DRAINFIELD Leaching Chambers DRAINFIELD Chambers - Open End						
	Plates w/Splash Plate, Inspection						
	Port & Closed End Plates in Place		285.33(c)(2)				
	(per manufacturers spec.)						
30							
	LOW PRESSURE DISPOSAL SYSTEM Adequate Trench Length						
	& Width, and Adequate		285.33(d)(1)(C)(i)				
	Separation Distance between						
31	Trenches						

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
32	EFFLUENT DISPOSAL SYSTEM Utilized Only by Single Family Dwelling EFFLUENT DISPOSAL SYSTEM Topographic Slopes < 2.0% EFFLUENT DISPOSAL SYSTEM Adequate Length of Drain Field (1000 Linear ft. for 2 bedrooms or Less & an additional 400 ft. for each additional bedroom ) EFFLUENT DISPOSAL SYSTEM Lateral Depth of 18 inches to 3 ft. & Vertical Separation of 1ft on bottom and 2 ft. to restrictive horizon and ground water respectfully EFFLUENT DISPOSAL SYSTEM Lateral Drain Pipe (1.25 - 1.5" dia.) & Pipe Holes (3/16 - 1/4" dia. Hole Size ) 5 ft. Apart		285.33(b)(3)(A) 285.33(b)(3)(A) 285.33(b)(3) (B)285.91(13) 285.33(b)(3)(D) 285.33(b)(3)(F)				
33	AEROBIC TREATMENT UNIT IS Aerobic Unit Installed According to Approved Guidelines.		285.32(c)(1)				
34	AEROBIC TREATMENT UNIT Inspection/Clean Out Port & Risers Provided AEROBIC TREATMENT UNIT Secondary restraint system provided AEROBIC TREATMENT UNIT Riser permanently fastened to lid or cast into tank AEROBIC TREATMENT UNIT Riser cap protected against unauthorized intrusions						
35	AEROBIC TREATMENT UNIT Chlorinator Properly Installed with Chlorine Tablets in Place.						
	PUMP TANK Is the Pump Tank an approved concrete tank or other acceptable materials & construction PUMP TANK Sampling Port Provided in the Treated Effluent Line PUMP TANK Check Valve and/or Anti- Siphon Device Present When Required PUMP TANK Audible and Visual High Water Alarm Installed on Separate Circuit From Pump						
37	PUMP TANK Inspection/Clean Out Port & Risers Provided PUMP TANK Secondary restraint system provided PUMP TANK Riser permanently fastened to lid or cast into tank PUMP TANK Riser cap protected against unauthorized intrusions						
	PUMP TANK Secondary restraint system provided						
	PUMP TANK Electrical Connections in Approved Junction Boxes / Wiring Buried						

No.	Description	Answer	Citations	Notes	1st Insp.	2nd Insp.	3rd Insp.
	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)(iv) 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)				
	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						
	PUMP TANK Meets Minimum Reserve Capacity Requirements						
44	PUMP TANK Material Type & Manufacturer						
45	PUMP TANK Type/Size of Pump Installed						

## COUNTY OF COMAL

## COUNTY ENGINEER'S OFFICE

## **OSSF DEVELOPMENT APPLICATION CHECKLIST**

Staff will complete shaded						
items Date Received	Initials					
117862						

Permit Number

#### Instructions:

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

OSSF Permit

Completed Application for Permit for Authorization to Construct an On-Site Sewage Facility and License to Operate

\_ Site/Soil Evaluation Completed by a Certified Site Evaluator or a Professional Engineer

Planning Materials of the OSSF as Required by the TCEQ Rules for OSSF Chapter 285. Planning Materials shall consist of a scaled design and all system specifications.

\_ Required Permit Fee

Copy of Recorded Deed

Surface Application/Aerobic Treatment System

Recorded Certification of OSSF Requiring Maintenance/Affidavit to the Public

Signed Maintenance Contract with Effective Date as Issuance of License to Operate

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

Signature of Applicant

Date

COMPLETE APPLICATION

Check No.\_\_\_\_ Receipt No.

INCOMPLETE APPLICATION

(Missing Items Circled, Application Refused)

Revised: January 2015

# **RECEIVED**

\*\*\* COMAL COUNTY OFFICE OF ENVIRONN <u>APPLICATION FOR PERMIT FOR AUTHORIZATION</u> By Brandon Olvera at 9:31 am, Oct 21, 2024

/ , ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE
Date 7/9/24 Permit #
Owner Name RISCHIN Skolant Piley Skolant Agent Name R.
Mailing Address 470 Wind Aust Agent Address
City, State, Zip New Brannells TX 78130 City, State, Zip
Phone # <u>850-857-6193</u> Phone # Email <u>the skolands of gmail.com</u> Email
All correspondence should be sent to: 🕒 Owner 🔲 Agent 🗍 Both 👘 Method: 🗍 Mail 🕞 Email
Subdivision Name Pinnade Subdivision Unit Lot 62 Block
Acreage/Legal / ALIC
Street Name/Address 534 Pinnalle Plant City New Branafels zip 78132
Type of Development:
Single Family Residential
Type of Construction (House, Mobile, RV, Etc.)
Number of Bedrooms
Indicate Sq Ft of Living Area 2576
Non-Single Family Residential
(Planning materials must show adequate land area for doubling the required land needed for treatment units and disposal area)
Type of Facility
Offices, Factories, Churches, Schools, Parks, Etc Indicate Number Of Occupants
Restaurants, Lounges, Theaters - Indicate Number of Seats
Hotel, Motel, Hospital, Nursing Home - Indicate Number of Beds
Travel Trailer (D) ( Darke Indiante Number of Oppon
Miscellaneous
Estimated Cost of Construction: \$ 530,000 (Structure Only)
Is any portion of the proposed OSSF located in the United States Army Corps of Engineers (USACE) flowage easement?
Yes X No (If yes, owner must provide approval from USACE for proposed OSSF improvements within the USACE flowage easement)
Source of Water Public Private Well
Are Water Saving Devices Being Utilized Within the Residence?
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. I certify that I am the property owner or I possess the appropriate land rights necessary to make the permitted improvements on said property
property 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 require
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.
7/9/24

Signature of Owner Reley Holeet Date 79/9/24

Page 1 of 2

**Revised February 2020** 

195 David Jonas Dr., New Braunfels, Texas 78132-3760 (830) 608-2090 Fax (830) 608-2078

## \* \* \* COMAL COUNTY OFFICE OF ENVIRONMENTAL HEALTH \* \* \* <u>APPLICATION FOR PERMIT FOR AUTHORIZATION TO CONSTRUCT AN</u> <u>ON-SITE SEWAGE FACILITY AND LICENSE TO OPERATE</u>

Planning Materials & Site Evaluation as Required Completed By Valegh Crandall
System Description <u>Allobic</u> W Surface spray
Size of Septic System Required Based on Planning Materials & Soil Evaluation
Tank Size(s) (Gallons) 600 gallon ATL Absorption/Application Area (Sq Ft) 408842
Gallons Per Day (As Per TCEQ Table III)
Is the property located over the Edwards Recharge Zone? Yes No (If yes, the planning materials must be completed by a Registered Sanitarian (R.S.) or Professional Engineer (P.E.))
Is there an existing TCEQ approved WPAP for the property? X Yes No (If yes, the R.S. or P.E. shall certify that the OSSF design complies with all provisions of the existing WPAP.)
If there is no existing WPAP, does the proposed development activity require a TCEQ approved WPAP?  Yes  No (If yes, the R.S. or P.E. shall certify that the OSSF design will comply with all provisions of the proposed WPAP. A Permit to Construct will not be issued for the proposed OSSF until the proposed WPAP has been approved by the appropriate regional office.)
Is the property located over the Edwards Contributing Zone? 🔲 Yes 🔯 No
Is there an existing TCEQ approval CZP for the property?  Yes X 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: New Brillunfels ETJ

By signing this application, I certify that:

- The information provided above is true and correct to the best of my knowledge.

- I affirmatively consent to the online posting/public release of my e-mail address associated with this permit application, as applicable.

Signature of Designer

Date

Page 2 of 2

195 David Jonas Dr., New Braunfels, Texas 78132-3760 (830) 608-2090 Fax (830) 608-2078

#### AFFIDAVIT TO THE PUBLIC

#### THE COUNTY OF COMAL STATE OF TEXAS

### CERTIFICATION OF OSSF REQUIRING MAINTENANCE

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

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 représentation 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.

IF

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): \_\_\_\_\_\_

innacle 5d VISION ċ. innacle VARKY smal Count The property is owned by (insert owner's full name): Keschen Trovis

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 THE DAY OF QUEUSE , 20 24	Filed and Recorded
0	Official Public Records
	Bobbie Koepp, County Clerk
A.C.	Comal County, Texas
Owner(s) signature(s)	08/14/2024 01:11:15 PM LAURA 1 Pages(s)
SWORN TO AND SUBSCRIBED BEFORE ME ON THIS TO DAY OF	202406024592
(Im	Babbie Koepp
Notary Public, State of Texas	
Notary's Printed Name: <u>Angula M. Gaway</u> () My Commission Expires: <u>1201-2026</u> Notary NOTA	Edam Edwartus Public, State of Texas minission Expires amber 01, 2028 BY ID 12524053-0



Maintenance Provider MP0002312

www.commenter.com

Property Address:	534 Pinnacle Parkway Canyon Lake, TX 78130					
Permit #:	Contract Start Date:	LTO DATE	Contract End Date:			
Customer Name:	Reschea Skolaut	Phone #	830-837-6193			

#### INTIAL TWO YEAR MAINTENANCE SERVICE AGREEMENT Apollo Septic & Services, LLC will maintain the OSSF system for a period of 2 years.

- 1. An Inspection one every 4 months (three inspections a year), for a total of 6 over the two year period including inspection, adjustment and servicing of mechanical, electrical and other applicable component parts to ensure proper function. This includes inspecting control panel, air pumps, air filters, diffuser operation, and replacing or repairing any component not found to be functioning correctly. Any alarm situation effecting the proper function of the Aerobic process will be addressed within a 48-hour timeframe for a service fee of \$\$35.00.
- An effluent quality inspection consisting of a visual check for color, turbidity, scum overflow and examination for odors, A test for chlorine residual and PH will be taken and reported as necessary.
- 3. A sample shall be pulled from the aeration tank every 4 months to determine if there is an excess of solids in the treatment plant. If the test results determine a need for solids removal, the user will bear the cost and responsibility for doing so.
- 4. If any improper operation is observed, which cannot be corrected at the time of the service visit, you shall be notified immediately in writing of the conditions and the estimated date of correction.

5. Customer is responsible for chlorine tablets; they must be filled before/during the service visit. This contract does not include additional services including; replacement of components, laboratory test work, and pumping of unit. This will be done upon approval from the customer for an additional charge. The Homeowners Manual must be strictly followed or warranties are subject to invalidation. ACCESS BY CONTRACTOR:

The contractor or anyone authorized by the Contractor may enter the property at reasonable times without prior notice for the purpose of the above-described Services. The contractor may access the System components including the tanks by means of excavation for the purpose of evaluations if necessary. Soil is to be replaced with the excavated material as best as possible.

Acceptance of Agreement Owner Signature: Date Maintenance Provider: Date:

P.O. BOX 1057 Castroville, TX 78009 Office: 830-368-4144 service@apolloseptics.com

## Site Evaluation:

Soil Texture:	Stony clay
Soil Structure:	Blocky
Soil Depth:	0" to 13"
<b>Restrictive Horiz</b>	on: Rock Horizon from 0" to 13" below surface
Groundwater:	None encountered
Topography:	More than 2% slope on site of drainfield
Determination:	Site was determined to have a Class IV soil. There was no encountered groundwater. Due to the clayey soil and 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 3 bedroom residence with a living area of 2576 sq. ft. Water saving devices are used throughout.

## Q = 300 gpd

A 600 gallon aerobic treatment system, or equal, shall be installed. It has built in pretreatment, 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.

Ri = 0.064 gal. / sq. ft. / day, (For location in Comal County)

A = Q / Ri, A = (300 gal. / day) / (0.064 gal. / sq. ft. / day) = 4688 sq. ft.

calculations continued on next page....

Owner Reschen Skolaut Drawn by:		Corey E. Mangold	
Location Comal County, Texas	Drawing No. 100-9678		Kael K Chandall
MANGOLD Engineer	ing Company	Date: 7/15/24	KAELEIGH ROSE CRANDALL
5596 CR 5710 Devine, TX 78016	8 1 7	Scale: None	134570 CENSE
Phone: (830) 931-0400	RM NO. 5549	Sheet <u>1</u> of <u>6</u>	7 IS 24 SONAL ENDER

**Calculations:** 

Install 3 sprinklers. The sprinklers are a low angle type, with nozzle and spray radius as shown on the System Layout. See System Layout for spray pattern.

Proposed total area = 5341 sq. ft.

Overlap and masked area: 532 sq. ft.

Actual covered area = 4809 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 0.062 gallons / sq. ft. / day

Dosing cycle quantity is 300 gallons, average. Use a commercial irrigation timer.

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

Owner Reschen Skolaut	Drawn by:(	Corey E. Mangold	
Location Comal County, Texas	Drawing No.	100-9678	Kaeling & Gandall
MANGOLD Engineer	ing Company	Date: 7/15/24	KAELEIGH ROSE CRANDALL
5596 CR 5710 Devine, TX 78016		Scale: None	134570 CENSE
Phone: (830) 931-0400	RM NO. 5549	Sheet <u>2</u> of <u>6</u>	7 IS CASCONAL END

The design pressure at eac	The design pressure at each sprinkler head is 30 to 40 psig.								
The total length of supply	The total length of supply pipe is as shown on the System Layout								
Means of preventing sipho	Means of preventing siphoning is an anti-siphon valve.								
Diameter of supply line is a	as shown on t	he System Layout.							
Flow control valve is requi	red downstrea	im of the pump.							
			전 문화 문 문 문 문 문						
NOTES TO OWNER OF SY	STEM:								
MAINTENANCE AND MAN	AGEMENT PR	ACTICES (if applicab	le):						
An OSSF should not be tre	ated as if it we	ere a normal city sew	ver system.						
The excessive use of in-sin avoided.	nk garbage gri	nders and grease dis	scarding should be						
Do not use the toilet to dis	pose of cleani	ng tissues, cigarette	butts, or other trash.						
Septic tanks shall be clean approaches the bottom of with the liquid.		-							
Septic tanks should be cle buildup.	aned every tw	o-to-three years to p	revent excessive sludge						
Do not build driveways, ste works or its disposal field.		s, or other structures	s over the treatment						
Chemical additives or the septic tank. Some of these									
	continued n	ext page							
Owner Reschen Skolaut	Drawn by:	Corey E. Mangold	1/ - 20000						
Location Comal County, Texas	Drawing No.	100-9678	Kaeli K Mardall						
MANGOLD Engineeri 5596 CR 5710 Devine, TX 78016 Phone: (830) 931-0400	ing Company RM NO. 5549	Date: 7/15/24 Scale: None Sheet 3 of 6	KAELEIGH ROSE CRANDALL 134570 CENSE NONAL ENGINE						

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 Reschen Skolaut	Drawn by:(	Corey E. Mangold	
Location Comal County, Texas	Drawing No.	100-9678	Kaeling K. Chardall
MANGOLD Engineer	ing Company	Date: 7/15/24	KAELEIGH ROSE CRANDALL
5596 CR 5710 Devine, TX 78016	5 1 7	Scale: None	134570 CENSE
Phone: (830) 931-0400	RM NO. 5549	Sheet 4 of 6	7 IS SECONAL ENGLAND

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.

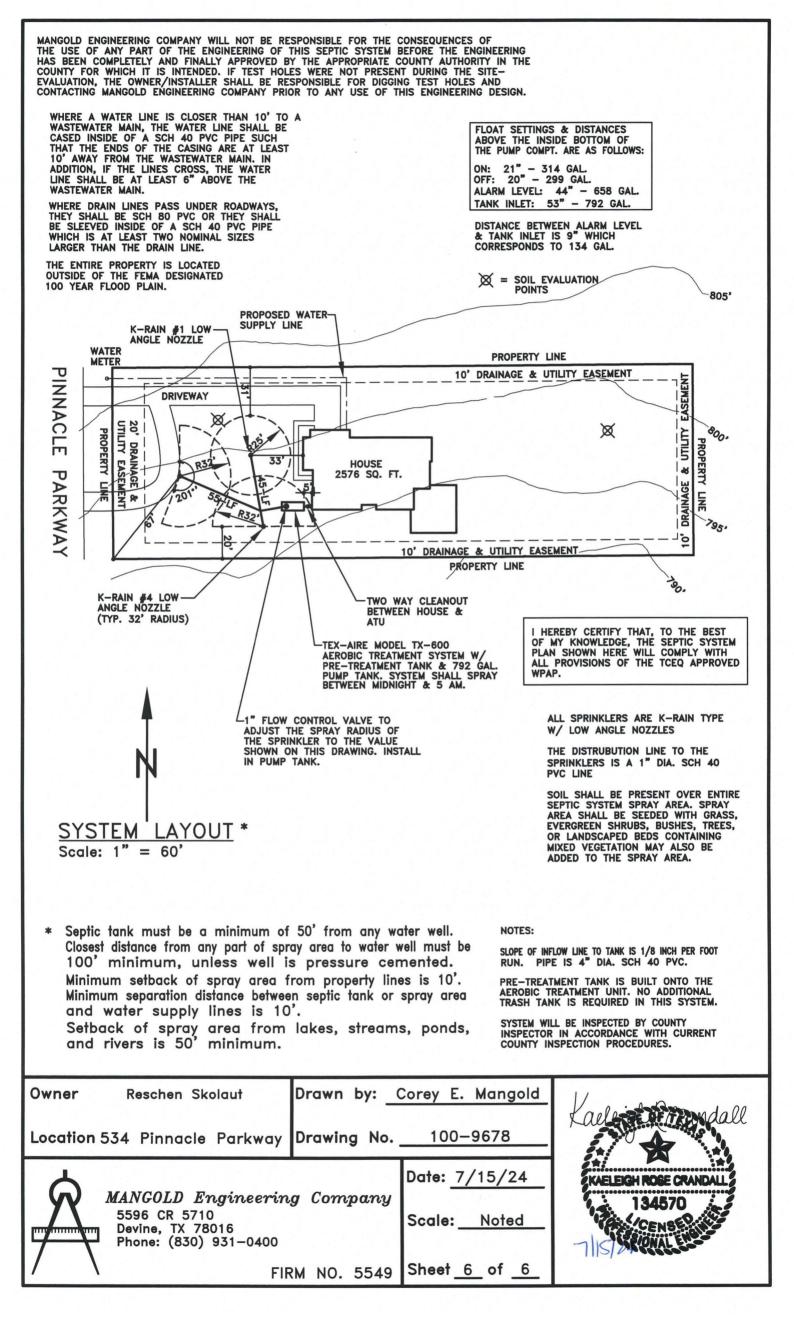
Use faucet aerators that restrict flow to no more than 2.2 gallons per minute to reduce water consumption.

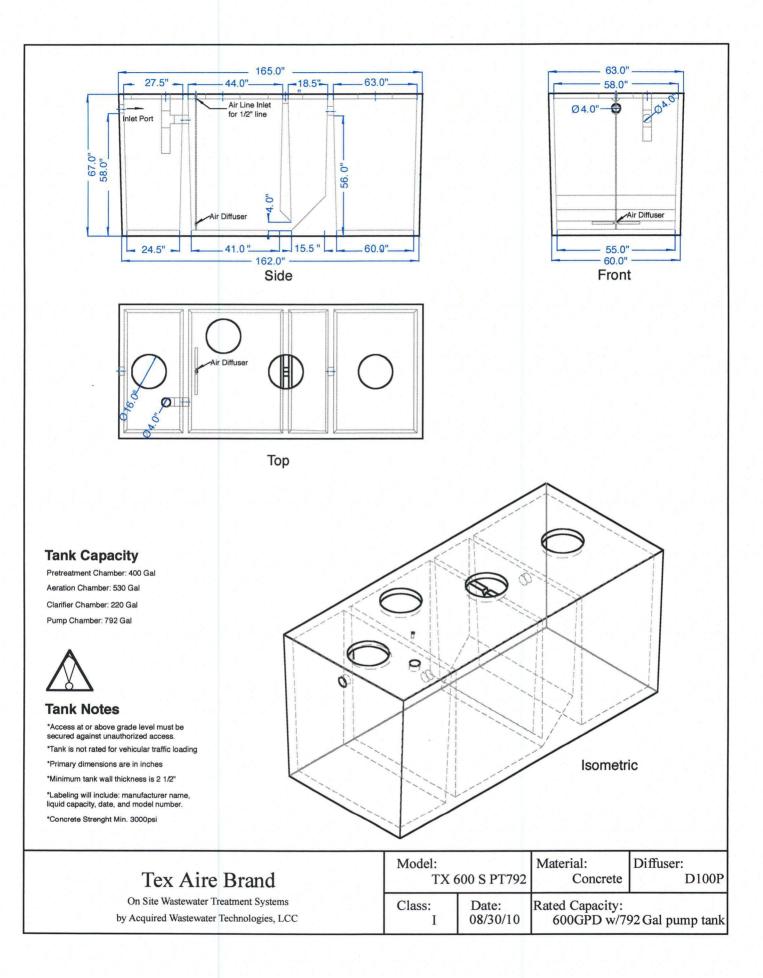
Keep a container of drinking water in the refrigerator instead of running the faucet until the water turns cool.

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.

Owner Reschen Skolaut	Drawn by: _(	Corey E. Mangold				
Location Comal County, Texas	Drawing No.	100-9678	Kael			
MANGOLD Engineer	ing Company	Date: 7/15/24	KAELEIGH ROSE CRANDALL			
5596 CR 5710 Devine, TX 78016		Scale: None	134570 CENSE			
Phone: (830) 931-0400	RM NO. 5549	Sheet <u>5</u> of <u>6</u>	7/16/24 SOMAL ENDER			





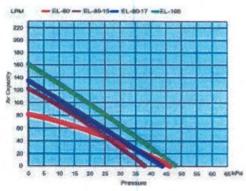


## Specifications

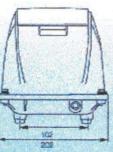
Mode1	1	EL-60	EL-80-15	EL-80-17	EL-100		
Voltage	V	110/115					
Frequency	Hz	50/60					
Rated pressure	psi (kPa)	2.13	(14.7)	2.42 (	(16, 7)		
Rated air flow	LFM	62/64	80/80	85/95	105/115		
Amperage	Amp.	1.6	2.6	1.8	2.5		
Bore diameter	etarch .		00:19	ID:11			
Net weight	1bs. (kg)	18.7 ( 8.5 )					
Accessory		L-joint hose					

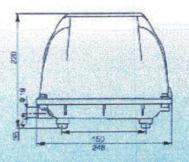
Performance have ± 10% deviation

#### Performance Curve:



Dimensions(mm):





RapidFlo®						4" De	Rite and a second second	ell Su forma			Pump		
Deret H		Power	*	Flow M <sup>3</sup> /H	0	1	2	2.6	3.2	3.6	4.2	4.5	Weight
Part #	HP	Volt	Amp	Flow (GPM)	0	4.6	9.1	11.5	14	16	18.4	20	(lbs)
MA0343X-4	1/2	115	6.5	Head (ft)	154	142	120	103	80	56	27	5	26
MA0343X-4A	1/2	230	3.3	Head (ft)	154	142	120	103	80	56	27	5	26

## Features & Technical Specifications:

- 4" deep well submersible pump, 150 feet max head (open tank no pressure).
- Patented impeller provides heavy duty high flow: 25 GPM. That is greater than almost all other 1/2 HP well pumps.

(32~113°F)

Water temperature:

A

25.3'

R

14.3

C

11

D

1-1/4

NPT

E

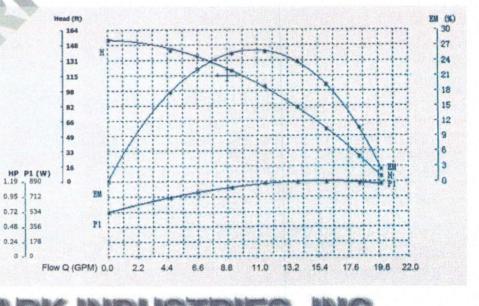
3.8'

+ Max+

MAX

4.0"

- Trans medium's Ph: 6.5~ 8.5
- Solid stainless steel body with heavy duty cast iron discharge
- Industrial grade heavy duty, also good for home usage
- Built in capacitor start, and thermal protection for longer life and powerful start.
- Built in control box. This pump DOES NOT require an external control box!
- This pump uses high quality UI approved motor, UL file No.: E233961
- This is a 2 wire pump with 3-Wire (2 wires + ground wire)
- 10' long electric cord comes with this submersible deep well pump.
- 11/4" NPT discharge
- Designed to fit inside 4" ID or larger pipe/well casing
- Heavy-duty thermoplastic impellers, diffusers, and intake screen.
- High efficiency, hermetically sealed motor is thermally protected to prevent overheating
- Submersible design eliminates the need for priming and creates quiet operation



624 Estes Ave, Schaumburg, IL 60193, USA • Ph: 847-301-8050 • www.hallmarkind.com

# **PROPLUS** GEAR DRIVEN SPRINKLER SETTING INSTRUCTIONS

## SPRINKLER INSTALLATION

### **1** INSTALL AND BURY

Do not use pipe dope. Thread the sprinkler on the pipe. Bury the sprinkler flush to grade. **NOTE:** Gear driven sprinklers and pop-up sprays should not be installed on the same watering zone.

### 2 INSPECTING THE FILTER

Unscrew the top and lift the complete sprinkler assembly out of the housing can. The filter is located on the bottom of the sprinkler assembly and can easily be pulled out, cleaned and re-installed.

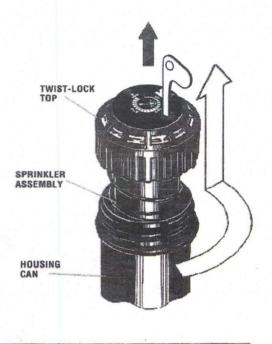
### **3** WINTERIZATION TIPS

When using an air compressor to remove water from the system please note the following:

- 1) Do not exceed 30 PSI.
- Always introduce air into the system gradually to avoid air pressure surges. Sudden release of compressed air into the sprinkler can cause damage.
- 3) Each zone should run no longer than 1 minute on air. Sprinklers turn 10 to 12 times faster on air than on water. Over spinning rotors on air can cause damage to the internal components.

### **STANDARD NOZZLE PERFORMANCE**

	U	.S.				METRIC		
Nozzle	Pressure PSI	Radius Ft.	Flow GPM	Pres KPa	sure Bars	Radius Meters	FI	MI/H
#2.5	30	38'	2.5	206	2.04	11.6	9.46	.57
Factory	40	39'	2.8	275	2.72	11.9	10.60	.64
Installed	50	40'	3.2	345	3.40	12.2	12.11	.73
Nozzle	60	41'	3.6	413	4.08	12.5	13.25	.79
#0.5	30	28'	0.5	206	2.0	8.5	1.89	.11
	40	29'	0.6	275	3.0	8.8	2.27	.14
	50	29'	0.7	345	3.5	8.8	2.65	.16
	60	30'	0.8	413	4.0	9.1	3.03	.18
#0.75	30	29'	0.7	205	2.0	8.8	2.65	.16
	40	30'	0.8	275	3.0	9.1	3.03	.18
	50	31'	0.9	345	3.5	9.4	3.41	.20
	60	32'	1.0	413	4.0	9.8	3.79	.23
<i>\$</i> 1	30	32'	1.3	206	2.0	9.8	4.92	.14
	40	33'	1.5	275	3.0	10.1	5.68	.18
	50	34'	1.6	345	3.5	10.4	6.05	.20
	60	35'	1.8	413	4.0	10.7	6.81	.23
#2	30	37'	2.4	206	2.0	11.3	9.08	.54
	40	40'	2.5	275	3.0	12.2	9.46	.56
	50	42'	3.0	345	3.5	12.8	11.35	.68
	60	43'	3.3	413	4.0	13.1	12.49	.75
#3	30	38'	3.6	206	2.0	11.6	13.63	.75
	40	39'	4.2	275	3.0	11.9	15.89	.95
	50	41'	4.6	345	3.5	12.5	17.41	1.04
	60	42'	5.0	413	4.0	12.8	18.92	1.13
#4	30	43'	4.4	206	2.0	13.1	16.65	.99
	40	44'	5.1	275	3.0	13.4	19.30	1.15
	50	46'	5.6	345	3.5	14.0	21.19	1.27
	60	49'	5.9	413	4.0	14.9	22.33	1.33
#6	40	45'	5.9	206	3.0	13.7	22.33	1.33
	50	46'	6.0	275	3.5	14.0	22.71	1.36
	60	48'	6.3	345	4.0	14.6	23.85	1.43
	70	49'	6.7	413	5.0	14.9	25.35	1.52
#8	40	42'	8.0	206	3.0	12.8	30.28	1.81
	50	45'	8.5	275	3.5	13.7	32.12	1.92
	60	49'	9.5	345	4.0	14.8	35.95	2.15
	70	50'	10.0	413	5.0	15.3	37.85	2.27



K-RAIN

### LOW ANGLE NOZZLE PERFORMANCE

	U	.S.				METRIC		
Nozzle	Pressure	Radius	Flow	Pres	ssure	Radius	FI	OW
	PSI	Ft.	GPM	KPa	Bars	Meters	L/M	M³∕H
#1	30	22'	1.2	207	2.04	6.71	4.54	.34
	40	24'	1.7	275	2.72	7.32	5.43	.39
	50	26'	1.8	344	3.40	7.92	6.80	.41
	60	28'	2.0	413	4.08	8.53	7.56	.46
#3	30	29'	3.0	207	2.04	8.84	11.34	.68
	40	32'	3.1	275	2.72	9.75	11.72	.71
	50	35'	3.5	344	3.40	10.67	13.23	.80
	60	37'	3.8	413	4.08	11.58	14.36	.87
#4	30	31'	3.4	207	2.04	9.45	12.85	.78
	40	34'	3.9	275	2.72	10.36	14.74	.89
	50	37'	4.4	344	3.40	11.28	16.63	1.00
	60	38'	4.7	413	4.08	11.58	17.77	1.07
#6	40	38'	6.5	275	2.72	11.58	24.57	1.68
	50	40'	7.3	344	3.40	12.19	27.59	1.76
	60	42'	8.0	413	4.08	12.80	30.24	1.82
	70	44'	8.6	482	4.76	13.41	32.51	1.96

Data represents test results in zero wind for ProPlus. Adjust for local conditions. Radius may be reduced with nozzle retention screw.



K-RAIN MANUFACTURING CORP. 1640 Australian Avenue Riviera Beach, FL 33404 USA PH: 1-561-844-1002 / 1-800-735-7246 FAX: 1-561-842-9493 WEB: http://www.krain.com

@ K-RAIN Manufacturing Corp. L-58921

# **PROPLUS** GEAR DRIVEN SPRINKLER SETTING INSTRUCTIONS

NOTE: The ProPlus is factory preset with a 90° arc setting, and includes a pre-installed #2.5 nozzle.

## **CHANGING A NOZZLE**

### ▲ REMOVING THE NOZZLE RETENTION SCREW

Use your K-Key or a small flat blade screwdriver to remove the nozzle retention screw by turning counter-clockwise to remove and clockwise to re-install.

## **2** PULL UP THE RISER

Insert the K-Key in the keyhole on the top of the nozzle turret and turn the key 1/4 turn to insure that the key does not slip out of the keyhole when you pull it up. Firmly pull up the entire spring-loaded riser to access the nozzle socket. Hold the riser assembly up with one hand.

## **3** REMOVING THE NOZZLE

With the nozzle retention screw removed, insert the K-Key into the slot directly under the nozzle "prongs" at the top of the nozzle. Now, turn the key 1/4 turn to "hook" the nozzle and pull the nozzle out.

### **4** INSTALLING A NOZZLE

Press the desired nozzle into the nozzle socket. Make sure the nozzle number is visible and the nozzle "prongs" are up. Then, re-install the nozzle retention screw. **NOTE:** The nozzle retention screw is also a break-up screw and used to adjust the distance of the spray.

## SETTING THE ARC ADJUSTMENT

## FINDING THE LEFT START POSITION

Place your finger on the top center of the nozzle turret. Rotate the turret to the right until it stops and then back to the left until it stops. Notice the position of the nozzle arrow. This is the "Left Start" position. The sprinkler will begin spraying from this position and rotate clockwise until it reaches the right Adjustable Stop-Return Point.

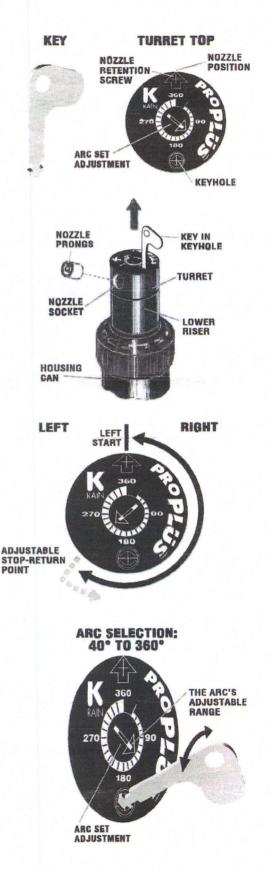
### 2 ORIENTING THE LEFT START POSITION

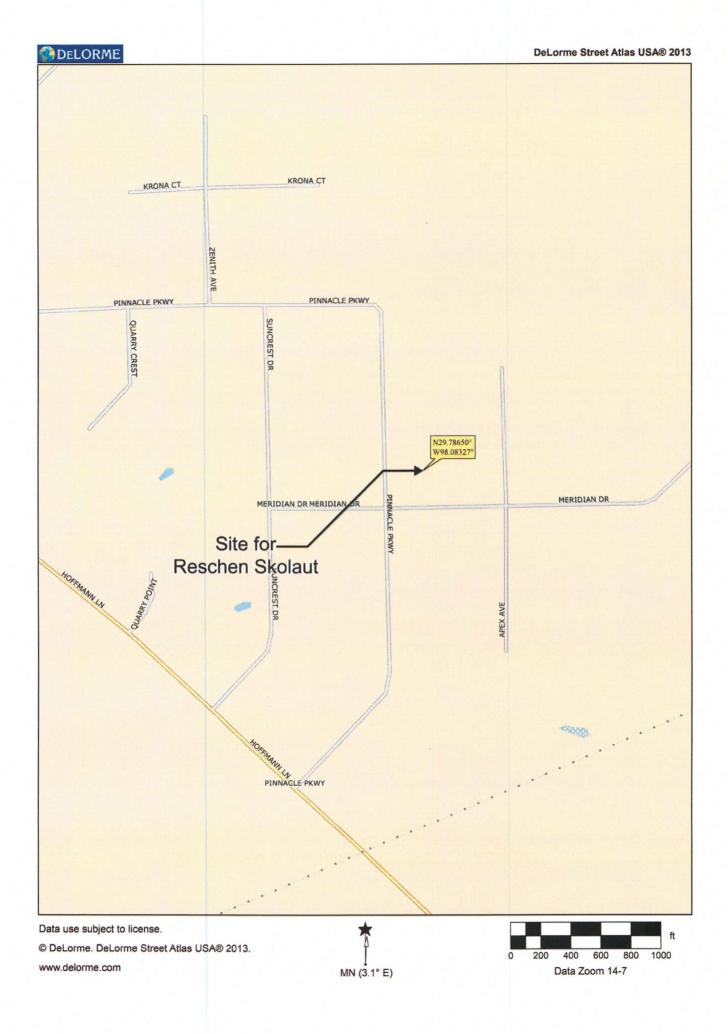
Insert the K-Key in the keyhole on the top of the nozzle turret and turn the key 1/4 turn to insure that the key does not slip out of the keyhole when you pull it up. Being careful not to allow the nozzle turret to turn, firmly pull up the entire spring-loaded riser. Hold the lower riser assembly up with one hand. Now turn only the lower riser clockwise or counterclockwise until the nozzle arrow is pointing where you want the sprinkler to begin spraying.

### **3** CHANGING THE ARC

Insert the K-Key or a smal flat blade screwdriver into the Arc Set Adjustment slot. Turn clockwise to increase the arc or counter-clockwise to decrease the arc.

WHEN SET AT 360°, THE PROPLUS WILL ROTATE CONTINUOUSLY IN A CLOCKWISE DIRECTION.

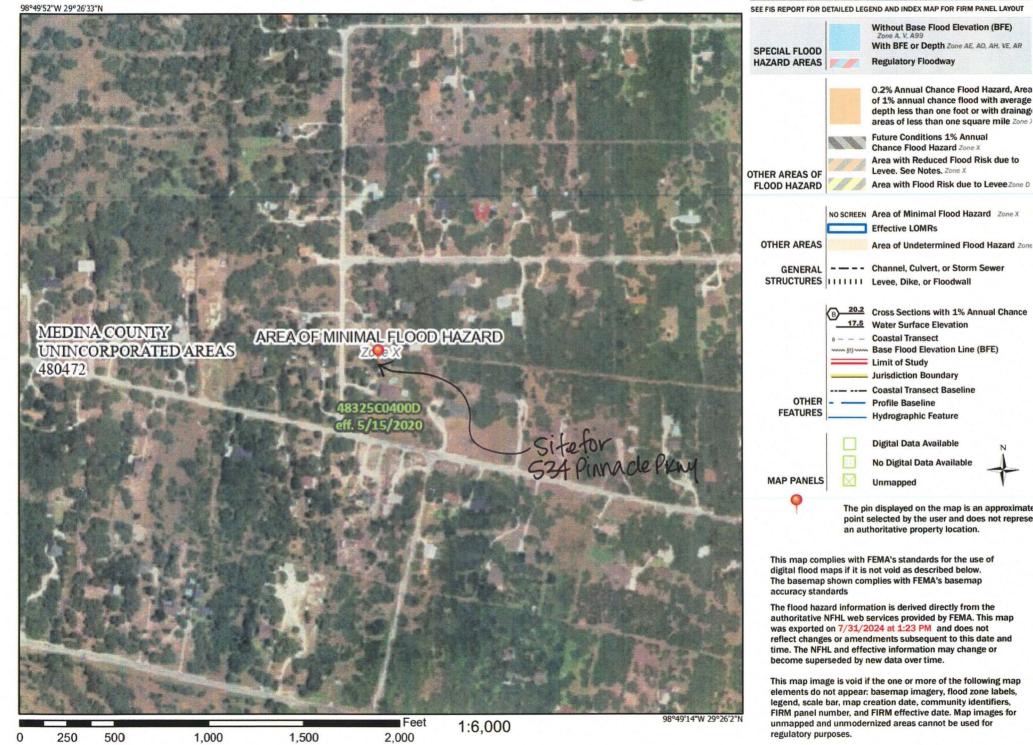




# National Flood Hazard Layer FIRMette



## Legend





September 20, 2024

Permit: 117862

RE: 534 Pinnacle Parkway Pinnacle (The) **Plot 62** 

Dear Property Owner & Agent,

Thank you for your submission. We have reviewed the planning materials for the referenced permit application, and unfortunately, they are insufficient. To proceed with processing this permit, we require the following:

Both owners of the property need to be on the application. **W**. Both owners need to sign the application.

- 3. Revise accordingly and resubmit.

If you have any questions, you can email me or call the office.

Thank You,



RECEIVED By Kathy Griffin at 11:13 am, Aug 28, 2024 * * COMAL COUNTY OFFICE OF	ENVIRONMEN	TAL HEALTH * *	×
APPLICATION FOR PERMIT FOR AU	THORIZATION TO C	CONSTRUCT AN	
Date 7/9/24	AND LICENSE TO OI		17862
Owner Name Reschen Skelant	Agent Name		
Mailing Address 470 Wind gust	Agent Address	/	
City, State, Zip New Brownells TX 78130	City, State, Zip	<u> </u>	
Phone # <u>830-837-6193</u>	Phone #	4	
Email the skolants (a) gmail.com	Email	/	
All correspondence should be sent to: Owner D Age	ent 🗌 Both	Method: 🔲 Mai	I D Email
Subdivision ame 710000 SUBCINSION	Unit	Lot 62	Block Z
Acreage Legal / ACIC		DAC	
Street Jame/Address 534 Pinnade Plant	City New	-Brunfels	Zip 78132
Type Development:			
Maingle Family Residential			
The of Construction use, Mobile , Etc.			
Number of Bedroom			
In icate Sq Ft of Livian ba6_			
Ion-Single Family			
(Plaining materials must a second ate land are publing the	d lang ed fo	or ent units -	osal area)
Type of Facility			
O ices, Factories, Churches, Schools, Parks, Etc mulcate I	Number Of Occupar	nts	
R staurants, Lounges, Theaters - Indicate Number of Seats			
Houl, Motel, Hospital, Nursing Home - Indicate Number of Be			
Traver Scaller/RV Parks - Indicate Number of Spaces			
Miscellaneous			
Estimated Cost of Construction: \$ 330,000 (Structu	ire Only)		
	ne Only)		
Is any portion of the proposed OSSF located in the United State	s Army Corps of En	igineers (USACE) flow	age easement?
Yes X No (If yes, owner must provide approval from USACE for	proposed OSSF improve	ments within the USACE flo	wage 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 facts. I certify that I am the property owner or I possess the appropriate property.	s not contain any false land rights necessary	information and does no to make the permitted in	t conceal any material provements on said
- Authorization is hereby given to the permitting authority and designated	agents to enter upon	the above described prop	perty 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	d until the Floodplain A	Administrator has perform	ed the reviews required
by the Comal County Flood Damage Prevention Order. - I affirmatively consent to the online posting/public release of my e-mail a			
	7/9/2	24	
Signature of Owner	Date	1	Page 1 of 2

195 David Jonas Dr., New Braunfels, Texas 78132-3760 (830) 608-2090 Fax (830) 608-2078

Page 1 of 2

Revised February 2020

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.

GF#NT09-20241067

#### SPECIAL WARRANTY DEED

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STATE OF TEXAS

COUNTY OF COMAL

Date: July 0, 2024

Grantor: Lyman Skolaut

Grantor's Mailing Address:



Grantee: Riley E. Skolaut a/k/a Riley Elizabeth Skolaut and Reschen T. Skolaut a/k/a Reschen Travis Skolaut, married to each other

#### Grantee's Mailing Address:

Riley E. Skolaut a/k/a Riley Elizabeth Skolaut and Reschen T. Skolaut a/k/a Reschen Travis Skolaut 470 WINZ CUST New Braunfus, TX T&130

#### **Consideration:**

TEN AND NO/100 DOLLARS (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged.

#### Property (including any improvements):

LOT 62, OF THE PINNACLE SUBDIVISION, A SUBDIVISION IN COMAL COUNTY, TEXAS, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 12, PAGE 359, OF THE PLAT RECORDS OF COMAL COUNTY, TEXAS.

#### **Exceptions to Conveyance and Warranty:**

Liens described as part of the Consideration and any other liens described in this deed as being either assumed or subject to which title is taken; any prior reservations or conveyances for oil gas or other minerals that may be produced from the Property; validly existing restrictive covenants common to the platted subdivision in which the Property is located or which appear of record and affect the Property; standby fees, taxes, and assessments by any taxing authority for the current year taxes and subsequent years, and subsequent taxes and assessments by any taxing authority for prior years due to change in land usage or ownership; validly existing easements created by dedication deed or plat of the subdivision in which the Property is located; any discrepancies, conflicts, or shortages in area or boundary lines, or any encroachments or protrusions, or any overlapping of improvements; and any validly existing titles or rights asserted by anyone, including but not limited to persons, the public, corporations, governments, or other entities, to (a) tidelands or lands comprising the shores or beds of navigable or perennial rivers and streams, lakes, bays, gulfs, or oceans, (b) lands beyond the line of the harbor or bulkhead lines as established or changed by any government, (c) filled-in lands or artificial islands, (d) water rights, including riparian rights, or (e) the area extending from the line of mean low tide to the line of vegetation or the right of access to that area or easement along and across that area.

Grantor, for the Consideration and subject to 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 Exceptions to Conveyance and Warranty.

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

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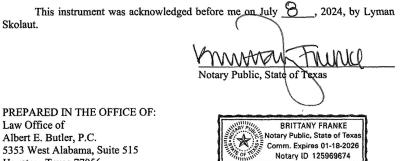
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Lyman Skolaut plul

STATE OF TEXAS

Skolaut.

COUNTY OF COMML



Law Office of Albert E. Butler, P.C. 5353 West Alabama, Suite 515 Houston, Texas 77056 Tel: (713) 369-6500 Fax: (713) 758-0207

AFTER RECORDING RETURN TO:

Rescen Travis Skolowt and Riley Elizobeth Skolout

470 Wind Crest New Braunfels, TV 78130

> **Filed and Recorded Official Public Records Bobbie Koepp, County Clerk Comal County, Texas** 07/10/2024 10:29:43 AM TERRI 2 Pages(s) 202406020582

Bobbie Keepp