Llano County Permitting and Emergency Management 100 W Sandstone, Ste 200A Llano, Texas 78643 325/247-2039 FAX: 325/247-3785

NOTICE OF APPROVAL OF ON-SITE SEWAGE FACILITY

| ALAN ISBELL PERMIT # 3 PO BOX 1049 KINGSLAND, TX 78639 | 2870 | |
|--|------------|----------------|
| KINGSLAND, TX 78639 | | |
| Property Location: FRENCH John | Creek Jr/2 | 355 FRENCH SOL |
| | 8-14 | (Vee) |

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 Llano County Department of Permitting and Emergency Management. This 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. Please keep this document in a safe place with other important documents. These documents must transfer with the sale of this property.

ADDITIONAL INFORMATION: Chapter 285.39 of the Texas OSSF Rules states the following: Owners shall not allow driveways, storage buildings, or other structures to be constructed over the treatment or disposal systems.

Chapter 285.91 (10) of the Texas OSSF Rules states the following: Minimum required separation distances for On-Site Sewage Facilities. Private water lines may not be closer than 10 feet to the tank or drainfield. If a waterline crosses an OSSF line, it will need to be sleeved up to 10 feet.

Designated Representative

Date: 7-2-19

| Posted: Yes / No |
|---|
| LLANO COUNTY OSSF INSPECTION REPORT |
| R#: 56663 Property Owner: ALAN ISBELL |
| Property Location: FREWEH John Creek TV12, 355 FRENCH John Creek |
| Installer Name & OSSF Certification #: Sidney HARAIS # 002 6 224 |
| Inspection 1 2 3 Re-Inspection fee due before next inspection: Final Inspection: Yes / No |
| Final As Built in hand: Yes / No |
| PROFILE HOLES |
| # of holes: A Soil Classification: T |
| SEPTIC/TREATMENT TANK |
| Capacity: 1000 2/C Type of Tank: CONCrete Manufacturer: BUCHANAN |
| Number of Clean Outs: / Distance b/w Cleanouts: /// |
| Slope from house to tank: (atleast 1/8 in.) Inlet: Outlet: Filler: Foam Silicone FOAM |
| PUMP TANK AS A |
| Capacity: Pump make & model: |
| Audio/Visual High Water Alarm: |
| DRAINFIELD INFORMATION |
| Minimum Sq. Ft. Required: 300 Actual Total Sq. Ft. Provided: 310 |
| # of Trenches |
| End Cap Check: Probe: (trench#: Depth:) |
| Liner/Gravel: Yes No Leaching Chambers: Yes / No |
| Beds – Absorption or ET (circle one) N |
| Minimum Sq. Ft. Required: Actual Total Sq. Ft. Provided: |
| Dimension of Bed 1:xBed 2:x Bed 3:x Bed 4:x |
| Liner/Gravel: Yes / No Leaching Chambers: Yes / No |
| Drip Irrigation Systems NA |
| Minimum Sq. Ft. Required: Actual Total Sq. Ft. Provided: |
| Linear Feet – Field 1 Field 2 Bed 3 Bed 4 Line Spacing: |
| Surface Irrigation Systems |
| Minimum Sq. Ft. of Surface Irrigation Area Required: Actual Total Sq. Ft. Provided: |
| Number of Sprinklers: Irrigation Area of Sprinkler Head: |
| Compressor Failure cheek: DR# 3/0/8 SH1: SH2: SH3: SH4: SH5: |
| Llano County Inspector |

Llano County Permitting and Emergency Management

100 W Sandstone, Ste 200A Llano, TX 78643

(325) 247-2039 phone / (325) 247-3785 fax

@ 10,00

Fee: \$225.00

Floodplain: No

<3500 sq ft

APPLICATION FOR ON-SITE SEWAGE FACILITY NEW CONSTRUCTION AND MODIFICATION

Permit number: 32870

() Modification

R# 56663

Site Address: French John Creek, Tr12, 355 French John Creek Rd

Mailing address: P.O. Box 1049, Kingsland, Tx 78639

Description of structure to be served: New Home, Single

Number of Bedrooms: 4 Number of Bathrooms: 2

Owner's Authorized Agent: Sidney Harris

(X) New Installation

Owner: Isbell, Alan Phone: 254-338-2111

Date: 4/18/2019

| Commercial/Institutional: Number of Employees/Occupants/Units: Number of Days occupied per week: Source of Water: Private Well |
|--|
| I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to the Texas Commission on Environmental Quality and/or it's Authorized Agent's designated representative to enter upon the above described property for the purpose of lot evaluation and inspection of the installed system which indicates that the system was installed in compliance with Rules of Llano County, Texas for On-Site Sewage Facilities. |
| Issued to: Mahaw Berris Date: 5///9 Owner or Authorized Agent |
| Issued by: Llano County Designated Representative Date: 418-19 |
| Do not begin construction prior to application approval. Unauthorized construction can result in civil, criminal and/or administrative penalties. |
| *THIS PERMIT IS VALID FOR 360 DAYS |
| OFFICIAL USE ONLY |
| SITE EVALUATION |
| Date: 6-27-19 Permit No Fee: |
| TYPE SOIL - Rocky Gravel Sand Other Flood Zone Date: Other Sloping Dr.# AUTHORIZATION TO CONSTRUCT IS: GRANTED DENIED |
| Llano County Permitting and Emergency Management 100 W Sandstone St., Ste A Llano, Texas 78643 Phone (325) 247-2039 Fax (325) 247-3785 Designated Representative TCEQ License# OS0027336 TAPIK 1000 2/C 1500 Fax (325) 247-3785 Designated Representative TCEQ License# OS0027336 TAPIK 1000 2/C 1500 Fax (325) 247-3785 Designated Representative TCEQ License# OS0027336 TAPIK 1000 2/C 1500 Fax (325) 247-3785 |

CERTIFICATION OF APPROVAL

| <u>FINAL INSPECTION</u> | | Floodplain: <u>N</u> | <u>o</u> |
|--|-------------------------|---------------------------------|--------------|
| Date: 6 27-19 | Permit no: <u>32870</u> | Fee: \$225.00 | |
| Manufacturer BUCHANA | - | Harangestication and an arrange | |
| Tank#1 SN# 561 91 | Tank#2 | SN# N/A | _ |
| Size Tank #1 1000 2/C Gals. | | | Concrete |
| Absorption Trench () length _ | 310' | width | |
| Absorption bed area () Square | e feet | | |
| GrPipe LeachLowPrs | DosAbsMndsI | DripEmitEvopB | ed_SrfIrrig_ |
| Commercial () Private | Residence ()// F | t. from well to drain | field |
| Installer or Contractor: Sidney Harris | | | |
| Address | | Phone # | # |
| Date 677-19 Final Inspection m | nade by Sindle | de DR# | 3/0/8 |

OSSF FIELD DRAWING (Not to scale)

LLANO COUNTY On Site Sewage Facilities SITE EVALUATION FORM

| | 0 4112 | | ~40 |
|--|-------------------------------|---------------|-------------------|
| | R56lde3 | # 7 | 32810 |
| LLANO COUNTY On Site S | Sewage Facilities | 1 | |
| SITE EVALUATION | VEORM | NITH | 102 |
| Date: 4-18-19 | ess: 10 Box 1049 Already Exis | Jori | (Vland) |
| Property Owner: Alan Isbell Addr | 1.0.Box 1049 | Kland | Chr |
| Telephone 4 Area 335- 2/// Needs Development Permit? | Already Exis | ts# 3.27 | 67 |
| Telephone 4 Area 335 2/// Needs Development Permit? Site Evaluator Name & Certification #: Kotho y Young Installer Name & Certification#: Solvey Halls | 10.21 | 24 | |
| Installer Name & Certificcation#: Solvey Halls | 5-0026224 | Phone#_ | BO-385-5325 |
| Legal Description of Property: | | | |
| Subdivision: French John Creek | Sec | Lot | RIk |
| Survey: | Sec | Abstract: | DIK |
| Survey: 15.00 Ac | ž, | - | res: |
| Existing or proposed structure to be served: | | | |
| 4 Bedrooms 2 Bathrooms Square Footage | -Lowthan 3500. | sy foot | |
| Topography: (Circle) | | | |
| Slope: Flat (under 2%) Slight (under 4%) | Severe (d | Nor50/a) | |
| Vegetation: Grass/Brush Lightly Wooded | Heavily | | |
| Site Drainage: Poor Adequate Good | Other | W Oodea | |
| · · · · · · · · · · · · · · · · · · · | · · | | |
| Note: If slope is severe a Topo Survey with half foot contours | must be provided wit | h this form | on the design. If |
| the site drainage is poor or slope is flat then a detailed drainage | plan must be provide | ed on the de | esign. |
| Flood Hazard: (Check) | | | |
| Property is Located: (Outside 100 Year Flood Plain | () In 100 Year F | Slood Plain | |
| | ood Plain and Floodw | | |
| Note: Attach a FEMA Flood Insurance Rate Map (FIRM) with | | | or current survey |
| with Flood Plain determination. | p p , | | |
| *** | | | |
| Water Supply: (Circle) Public Community Name of Water Supplier: | Private | | |
| Note: If well is on-site, complete the following: | | | |
| Size of WellDepth of Well | ft. Ye | ar Drilled | |
| Driller: | , | | |
| | 4 2 3 3 7 7 11 7 | , D | |
| (Check all that apply) () Sealing Block Present () Well Log is Available (Attach if available) | () Well I | Touse Prote | ecting Well |
| () Neighboring Wells Within 100 Feet of Property Line (must be) | ne included on the de | sign if above | rked) |
| The final root eet of Property Line (must t | a mended on the de | aign ii chec | Acci) |
| | | | |
| Jelly - | 4 | F-19 | |
| Signature of Licensed Site Evaluator/Installer | Date | , | |
| Clusty laught # 2733/ | | | |
| | | | |

LLANO COUNTY OSSF SOIL EVALUATION FORM

| Owner's Name: Alan Isbell | |
|--|----------------------------------|
| Physical Address: 355 French John Cast | 0.10 |
| Site Evaluator: Kathan A. Koung (Kan) | |
| | Proposed Excavation Depth: 5 12. |

- At least two soil evaluations must be performed on the site, at the opposite ends of the proposed disposal
 area. Please show the results of each soil evaluation on a separate table. Locations of soil evaluations must
 be shown on the site drawing.
- for subsurface disposal, soil evaluations must be performed to a depth of at least 2 ft below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated.
- Please describe each soil horizon and identify any restrictive features in the space provided below. Draw lines at the appropriate depths.

| Depth (ft) | Textural Class | Structure (If app) | Drainage Mottles/ Water Table | Restrictive Horizon | Comments |
|---------------|----------------|-----------------------|--|------------------------|--|
| 0 | I | NIA | none | None | Souly loon to 5 feet |
| 1 | | | Notes | notel | The state of the s |
| 2 | | | to 5 lest | to 5-lest | |
| 3 | | | | 1 | |
| 4 | | | | | |
| 5 | 1 | | | | |
| 6 | | | | | |

| Depth (ft) | Textural Class | Structure (If app) | Drainage Mottles/ Water Table | Restrictive Horizon | Comments |
|---------------|----------------|-----------------------|--|------------------------|-----------------|
| 0 | TIT | Blacka | None | None | Sandy Clay loam |
| 1 | | | Note 2 | noted | to Sleet |
| 2 | | | to 5 last | | |
| 3 | | | V. | | |
| 4 | | | | | |
| 5 | 1 | | | | |
| 6 | | | | | |

| V . | |
|--|---------|
| K-00 | |
| - rachyn / | 3-22-19 |
| Signature of Licensed Site Evaluator/Installer | Date |

Oursty Vaught#27336

Form5-05

aush Vaught #27336

H Kathryn Young

CONVENTIONAL DRAINFIELD CROSS SECTION

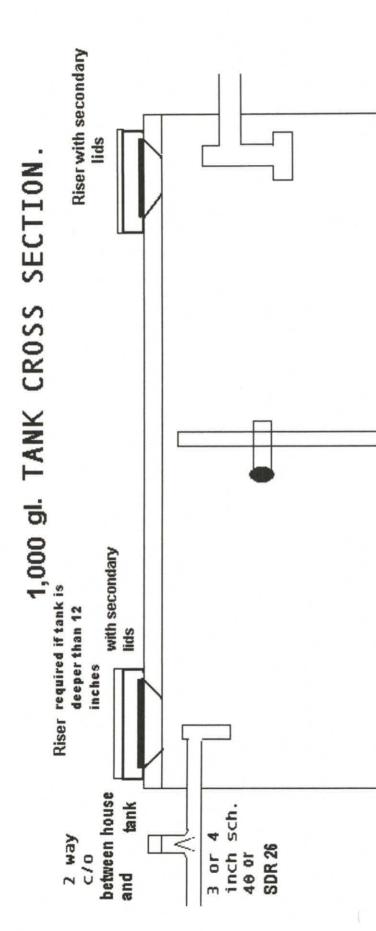
NATIVE SOIL

TRENCHES
18" to 26"
DEEP WITH
12" UNIFORM
GRAVEL

12"

3' WIDE







4 inch sand pad minimum.

CONSTRUCTION NOTES

- 1. Construction materials, specifications and all construction methods shall conform to the requirements set forth in the Construction Standards for On-site Sewage Facilities, Texas Natural Resource Conservation Commission, for March 22nd 2019 and the County of Llano Construction Standards.
- 2. The home owner or an installer, who is licensed by the State of Texas, may install the system, and have the governing authority to inspect the system at the required construction intervals.
- 3. Schedule 40 PVC or SDR 26 must be used for the trunk line, inlets and outlets inside the tanks. The size pipe cannot be smaller than 3" diameter. A minimum of 1/8 inch per foot of fall is required from the house foundation to the tank.
- 4. Low-flow fixtures must be installed in faucets and shower heads. The use of 1.28- or 1.6-gallon flush toilets are required.
- 5. All water supply lines must maintain a minimum of 10' from any septic components.
- 6. Vegetation must be immediately established on the drain field. Proper care (regular mowing, watering and fertilization of the vegetation) is a necessity for effective evapotranspiration.
- 7. An automatic sprinkler system cannot be installed over the drain field area. All sprinkler system components must maintain a minimum of 10' from distance from all septic components. This includes the pipes, tanks and drain field.
- 8. Tanks buried more than 12 inches shall be equipped with risers.
- 9. All septic tank inlets and outlets shall be sealed thoroughly with waterproof sealant.
- 10. A two-way clean out is required every 50 feet between the foundation of each structure and the septic tank. Clean outs must also be placed anywhere the sewer pipe has more than a total 45-degree bend (from building to tank).
- 11. The bottom of the drain field trenches must be level, plus or minus 1 inch every 25 feet.
- 12. The piping, shall be SDR 35 in the drain field.



THE DRAIN FIELD

The drain field size will be based on a Ra of .20 and a daily waste-water flow of 180 gallons a day, (300 divided by .20 = 1,500 sq. ft. it is recommended that a single drain field, consisting of 4 trenches, 75 feet length, the trench will not exceed 3 ft. in depth. Minimum depth will not be less than 18". The trenches shall be level + or - 1 inch every 25 feet not to exceed 3 inches per trench. The bottom of the trench must be a minimum of 1 foot below the outlet of the tank. A minimum of 5' between the drain-field and any surface improvement is required. There is a slight slope at the drain field site.

SEPTIC TANKS

Based on Table II. Septic tank minimum liquid capacity, a 1,000-gallon two compartment tank will be used. The tank must sit on at least 4 inches of sand or pea gravel pad. The tank must be full of water at least 24 hours before the inspection. The tees must be in place on the inlet and outlet and a 2 way clean out located between the house and septic tank. A 3- or 4-inch PVC pipe is required from the house either SCH. 40 or SDR 26 with a fall of 1/8 inch per foot of fall is required

SETBACKS

The drain field will be at least 5' from all property lines and ground easements and house foundation. The drain field will be at least 100' from all private wells and 150' from all public wells and the tanks shall be 50'. There must be 10' minimum from all components of the septic system and any water line.

SYSTEM MAINTENANCE

- 1. Water conservation is very important in protecting this septic system from failure. Low flow toilets (1.6 gal. Flush or less) and water restricting shower heads and faucets are required for this system.
- 2. Avoid using garbage grinders as this tends to increase the amount of fats, grease and floating scum in the tanks as these can clog the lateral lines.
- 3. Septic tanks require periodic pumping. It is recommended that the tanks be pumped every three to five years, depending on usage
- 4. The owner should not use any additives to the septic tanks, i.e. commercial enzymes.
- 5. Vegetation to the drain fields is a necessity. Greases help in the evapotranspiration process. Keep grass mowed and maintain a healthy lawn over the drain field.
- 6. Don't allow vehicles or heavy equipment to drive over the drain field.

March 22nd, 2019

Ms. Cristi Vaught, D.R. Llano County Environmental Services Director 100 East Sandstone Llano, Texas 78685

Dear Ms. Vaught,

I have designed a conventional system for a 4 bedroom house less than 3,500 square feet for a Mr. Alan Isbell, the property is located at 355 French John Creek in Llano County. The design is based on the profile holes evaluated on-site. Based on a Ra of .20 and a water usage of 300 gallons a day with the use of low flow devices, this system will be a gravity flow to a single drain field of pipe and gravel. The drain field will have a total square footage of 1,500 square feet with 4 trenches 75 feet in length.

Please call me with any concerns or questions you may have at (512) 423-6237.

Sincerely,

Kathryn A. Young R.S.

Kathryn A 77 R.S.



■ Property Details

| Account | |
|--------------------|--|
| Property ID: | 56663 |
| Legal Description: | FRENCH JOHN CREEK TR 12 15.000 AC |
| Geographic ID: | 10458-000-0012-0 |
| Agent Code: | |
| Type: | Real |
| Location | |
| Address: | 355 FRENCH JOHN CREEK RD TX |
| Map ID: | J5 |
| Neighborhood CD: | FJC |
| Owner | |
| Owner ID: | 79844 |
| Name: | ISBELL ALAN & SHARON |
| Mailing Address: | PO BOX 1049 KINGSLAND, TX 78639 |
| % Ownership: | 100.0% |
| Exemptions: | For privacy reasons not all exemptions are shown online. |

■ Property Values

| Improvement Homesite Value: | NV |
|---------------------------------|-----|
| Improvement Non-Homesite Value: | NVA |
| Land Homesite Value: | NVA |
| Land Non-Homesite Value: | N\A |
| Agricultural Market Valuation: | NVA |
| Market Value: | NVA |
| Ag Use Value: | NVA |
| Appraised Value: | NVA |
| Homestead Cap Loss: 🛭 | NVA |
| Assessed Value: | NVA |

DISCLAIMER Information provided for research purposes only. Legal descriptions and acreage amounts are for appraisal district use only and should be verified prior to using for legal purpose and or documents. Please contact the Appraisal District to verify all information for accuracy.

■ Property Taxing Jurisdiction

| Entity | Description | Tax Rate | Market Value | Taxable Value | Estimated Tax | Freeze Ceiling |
|--------|--------------------|-------------|-----------------|------------------|------------------|-------------------|
| CAD | CAD | N\A | N\A | N\A | N\A | N\A |
| GLL | LLANO COUNTY | N\A | N\A | N\A | N\A | N\A |
| RDB | ROAD AND BRIDGE | N\A | NVA | NVA | NVA | NVA |
| SLL | LLANO ISD | NVA | NVA | NVA | N\A | N\A |

Total Tax Rate: NVA Estimated Taxes With Exemptions: NVA Estimated Taxes Without

Exemptions: N\A

■ Property Improvement - Building

■ Property Land

| Туре | Description | Acres | Sqft | Eff Front | Eff Depth | Market Value | Prod. Value |
|------|----------------|-------|------------|-----------|-----------|--------------|-------------|
| A10 | NATIVE PASTURE | 15 | 653,400.00 | 0.00 | 0.00 | N\A | N\A |

■ Property Roll Value History

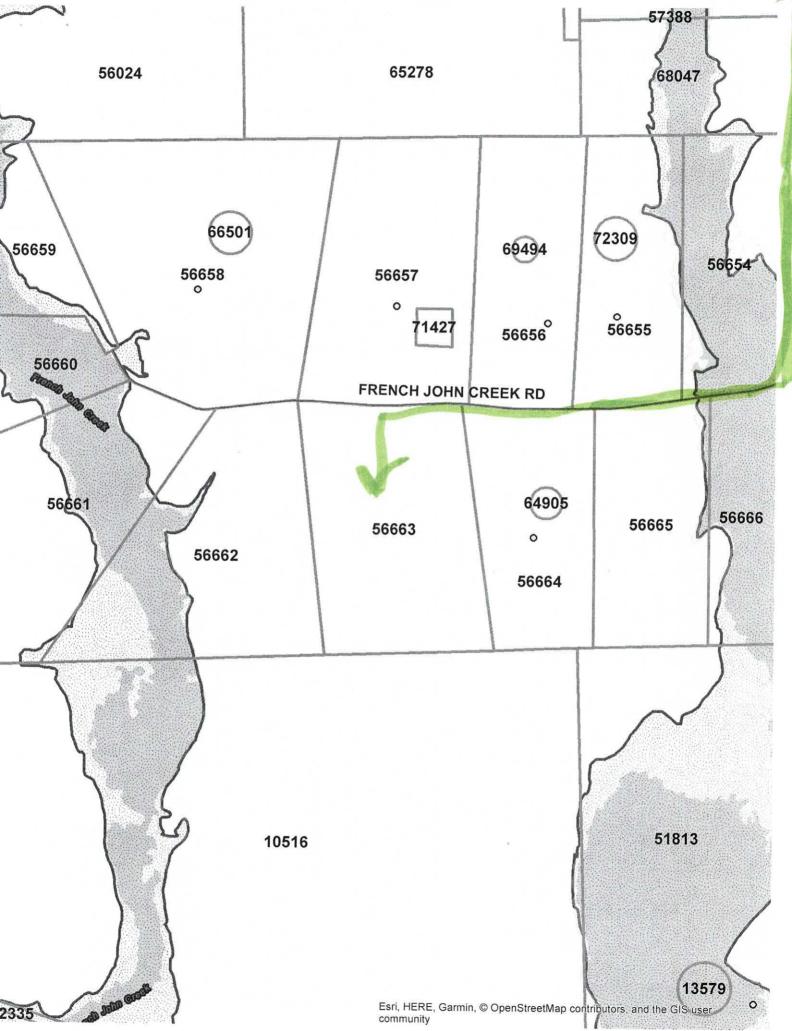
| Year | Improvements | Land Market | Ag Valuation | Appraised | HS Cap Loss | Assessed |
|------|--------------|-------------|--------------|-----------|-------------|----------|
| 2019 | N\A | N\A | NVA | N\A | N\A | NVA |
| 2018 | \$0 | \$100,170 | \$1,100 | \$1,100 | \$0 | \$1,100 |
| 2017 | \$0 | \$100,170 | \$1,100 | \$1,100 | \$0 | \$1,100 |
| 2016 | \$0 | \$100,170 | \$1,100 | \$1,100 | \$0 | \$1,100 |
| 2015 | \$0 | \$100,170 | \$1,100 | \$1,100 | \$0 | \$1,100 |
| 2014 | \$0 | \$100,170 | \$1,120 | \$1,120 | \$0 | \$1,120 |
| 2013 | \$0 | \$104,900 | \$1,110 | \$1,110 | \$0 | \$1,110 |
| 2012 | \$0 | \$105,000 | \$1,100 | \$1,100 | \$0 | \$1,100 |
| 2011 | \$0 | \$69,000 | \$1,110 | \$1,110 | \$0 | \$1,110 |

■ Property Deed History

| Deed Date | Туре | Description | Grantor | Grantee | Volume | Page | Number |
|--------------|------|---------------------------------------|-------------------------------------|-------------------------------------|--------|------|--------|
| 5/16/2018 | WD | WARRANTY DEED | FORNOS PETER S | ISBELL ALAN & SHARON | 1580 | 4685 | |
| 2/25/2010 | SWD | SPECIAL WARRANTY DEED | FORNOS PETER S & JOY | FORNOS PETER S | 1522 | 1429 | |
| 6/1/2007 | WD | WARRANTY DEED | MARR RICHARD AND RHONDA | FORNOS PETER S & JOY | 1428 | 0487 | 0 |
| 6/5/2006 | WDL | WARRANTY DEED W/VENDORS LIEN | HOERSTER JOHN STEVEN & HOLMES PETER | MARR RICHARD AND RHONDA | 1370 | 0362 | 0 |
| | ОТ | OTHER | HOERSTER H J ESTATE | HOERSTER JOHN STEVEN & HOLMES PETER | | | 0 |

DISCLAIMER

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DATE ISSUED 4-19

PERMIT TO CONSTRUCT LLANO COUNTY OSSF

From John Orek, Tr 12, 356 Frond John Orek & This permit must be posted where visible to Inspector PERMIT NO.

This permit is valid for 360 days from date of issuance.



Austh Vauelt

OSSF Administrator 325-247-2039 Llano, Texas