

Approved

Commissioners Court

MAY **09** 2016

Variance Request for Septic System

Johnson County Subdivision Rules and Regulations state only one septic system per one (1) acre, Section VII A. To request a variance for the purpose of:
installing a septic system on a lot or tract of less than an acre or
two residences / structures on one (1) septic system or
installing a second septic system on a lot less than 2 acres
Please provide the following information. This request will be presented to the Commissioner's Court for their decision. Owner Date 3-14-16 Contact Information: Phone no. NA C(12-2) 10-5-6-7-7
Contact Information: Phone no. NA
cell no. 817-240-5977 Email address Stacywell 1973@ yoh ov. com
Property Information for Variance Request:
Property 911 address 2604 S. Chase Court
Subdivision name <u>Sorth Chase</u> Block 1 Lot 11
Lot size: 0.5 acres Size of existing residence: 2398 sq. ft.
Does this lot currently have a septic system? (
ETJ: (X) Yes - City Rullon (_) No
Is a part of the property located in a FEMA designated Floodplain? () Yes (\(\bigvee \)) No
Reason for request POO WUSC
Provide the following with this request:
Copy of your plat if property has been platted
Copy of property deed
Survey or drawing showing existing home, buildings, existing & proposed septic system locations

F:/Platting/Variances/Septic System Variance Request App



JOHNSON COUNTY Department of Public Works

1 North Main Street/Suite 305, Cleburne, TX 76033 development@iohnsoncountytx.org - (817) 556-6380 -- Fax (817) 556-6391 Application for 'Authorization to Construct' OSSF System

			anik B		Date	
Office use only	Authorization to Const	ruct Peri	mir #			
FIRM Panel #	Precin	ct				
1					10	
This is to certify that	t: Aerobic Septic Systems			has paid	1.8	
500 of 17 \$475 00 A	erobic Septic Systems		р \$375.00 A	ll other Septi	ic Systems	
10 994	ici data sapras y				4	
waste disposal syste	ith the rules and regulation m – address and owner lis ON TO CONSTRUCT is only unless revoked for non-con	and the suit	LE INCOFCTOR	PPROVAL	nd is valid for 1 year from the	
ra ha completed and	signed by Property owner			_	_	
	Large Inv		Dh #	አነገ-24	10-5977	
Property Owner's Nam	ne: Stucy Cox		PII. W		JUDIL C MACE	سدم
	14 5. Chase Ct	Buil	um Curre	ent mailing a	ddress: 2604 S. Chase of Burles m 760 stract	20
911 site address: gruc	1 ,), 04 4 50 4 4	16028	0.5	/	Burleson 160	100
Legal Description: 🗆 1	Metes and Bounds:	Acreage	: <u>U·</u>		-	
cogui vicini	ume 5 Page _	109	Survey	Abs	stractor-	
Recorded deed: Volu	ime		11		_ Phase / Section #:	
M'subdivision	MANN I MUSE		LOT#:			
Please atta	ch verification of legal descrip	otion such	n as a copy of: De	ed and Surve	y or other documentation	
Type of Home / Build	ing: D New Vo Existi	ing	☐ Site Built	□ Manutac	tured 🗆 Bldg. Sq. Ft	
اده در در از	A Multi-Fai	milv #B	drms	□ Comme	ercial #Employees	
M Single-Family # 80	T Notes	,,,,, ,,,,			-	
)	Nivater Co. Bellus	da	_			
. D Meli -or-	With the property				Ath animation is horoby gives	n
Logotify that the above	ve statements are true and	d correct	tto the best of	my knowled	ge. Authorization is hereby given he purpose of site evaluation and	।। ਨ
for Johnson County P	Ablic Works to enter upon	the abo	ve described p	roperty for ti	he purpose of site evaluation and	u
involving of an of	ste sewage facility.					
(UASPERSTION OF STATE	thu			.1.	-14-16	
1 byth	T WX					
(4)	ature of Owner)		-	(0	Pate)	
() (Algin	ature of Ottifati				18 18 18 18 18 18 18 18 18 18 18 18 18 1	888
* 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	************************			1 (1-75)		
Site Fugliator:	BYLE CUIP		License No	6910		
Phone No: 81/	297-2342					
	Po 986 CRowle	's city	一尺	State	Zip. 76036	
Mailing Address:	PO TOY CROWIS)_City_			·	
			License No.			
Installer:						
Dhone No:			Other No			
- -				Combo	7in	
Malling Address:		City_		51816	Zip	

****System must be installed according to specifications on attached design****



JOHNSON COUNTY Department of Public Works

1 North Main Street/Suite 305 Cleburne, Texas 76033 – (817) 556-6380 – Fax (817-556-6391 development@johnsoncountybx.org

ON-SITE SEWAGE FACILITY TECHNICAL INFORMATION FOR PERMIT

	s 🗆 No If Yes, professional design attached: 🕦 Yes 🗆 No
Designer Name: Doyle Culp	License Type and No. 3949 ES
Phone No. 817- 897- 2342	Other or Fax No.
Mailing Address: 10 986	City: Clouley State: 77 Zip: 76034
I. TYPE AND SIZE OF PIPING FROM: (Exa	ample: 4: SCH 40 PVC)
Stub out to treatment tank: 3" A	1c 5ch 40
Treatment tank to disposal system:	18" per Foot
II. DAILY WASTEWATER USAGE RATE: O	
Water Saving Devices: Æ Yes □ No	
III. TREATMENT UNIT(S): Septic Tank	
A. Tank Dimensions:	Liquid Depth (bottom of tank to outlet): 52
Size proposed: .500	(gal)* Manufacturer:
Material/Model#	
Pretreatment Tank:	
Pump/Lift Tank: Yes	s Size: (gal) \square No \square NA
B. OTHER	o If yes, please attach description.
IV. DISPOSAL SYSTEM: Disposal Type: Drip live	
Manufacturer and Model	
Area Proposed: 1500 59Ft	Area Required: 1500 59/7
A. Soil/Site Evaluation B. P.	E ATTACHED FOR REVIEW TO BE COMPLETED. Planning materials (If Applicable).
O NOT BEGIN CONSTRUCTION PRIOR TO	O OBTAINING AUTHORIZATION TO CONSTRUCT. UNAUTHOR
ONSTRUCTION CAN RESULT IN CIVIL AN	ID/OR ADMINISTRATIVE PENALITIES.
IGNATURE OF INSTALLER OR DESIGNER:	NhW.Cf DATE: 4//8/16
	ORIGINAL
	UNIUINAL

JOHNSON COUNTY - OSSF SOIL EVALUATION FORM 4/11/16 **Date Performed** Owner's Name South Chase Bullesa **Physical Address** O.S. Number **Site Evaluator Proposed Excavation Depth** *At least two soil evaluations must be performed on the site, at opposite ends of the disposal area. Please show the results of each soil evaluation on a separate table. Locations of soil evaluations must be shown on 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. Soil Boring Number **Drainage/Mottles** Restrictive Depth Horizon **Comments Water Table** Inches Textural Class SitAble MA MA 12 suitable NR NA 24 <u>36</u> <u>48</u> 60 **Soil Boring Number** Drainage/Mottles Restrictive Depth **Water Table** Horizon **Textural Class** Inches svitable MA MA 12 sutable 24 <u> 36</u> 48 60 I certify that the allove statements are true and are based on my own field observations.

The test data and other information on this report is required by Johnson County. The design, construction and installation of each system is based upon specific conditions affecting each lot or tract and must be subsequently approved by Johnson County

ATTESTED BY:

Signature

FILE COPY

Site Evaluator No

Revised 7/10/2012

DRIP IRRIGATION FOR ON-SITE WASTEWATER DISPOSAL

Stacie Cox 2604 South Chase Ct. Burleson, Texas

House 3 BRM = 240 Gallons A Day Plus Pool House 8gals x 6 people = 288 Gals 300 Gals Water Saving Devices

Pretreatment Tank

500 Gallon

Aerobic Tank

500 Gallon

Pump Tank

500 Gallon

300 Gals. /.20 = 1500 Sq. Ft. Proprietary System

1500 Sq. Ft. / 2 Ft. Spacing = 750 L.F.

750 L. Ft. / 2 Ft. Spacing Emitters = 375 Emitters

Flow Rate 15 P.S.I. = 1.13 G.P.H.

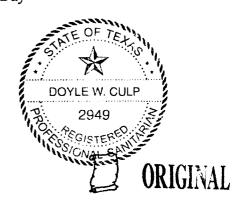
375 Emitters x 1.13 = 423.75 G.P.H. 424 / 60 = 7.06 G.P.M.

Irrigation Time

300 Gallons / 7.06 G.P.M. = 42 Minutes Per Day

300 Gallons / 6 = 50 Gallons Per Dosing

Pump Size 15 Ft. Head At 30 to 45 P.S.I.



150 Mesh Filter Screen & Disc 1 Inch

Depth Of System

6 To 8 Inches

Cover

Native Grass

Chlorinator

Yes

Flush Valve & Vacuum Breaks

Each field if 8 Ft. difference in Elevation

Clean Filters Every Three months

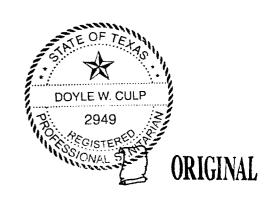
This design is representative of the current "state of the art" in effluent disposal system design. It should function within normal limits and expectations and without causing significant threat or harm to existing water supply systems, the public health or the threat of pollution or nuisance conditions. However, due to the vagaries of both nature and man, no warranty of this design performance is expressed or implied.

SEE ATTACHED PAGES

Drip Line Design

Site Evaluations

Example Designs



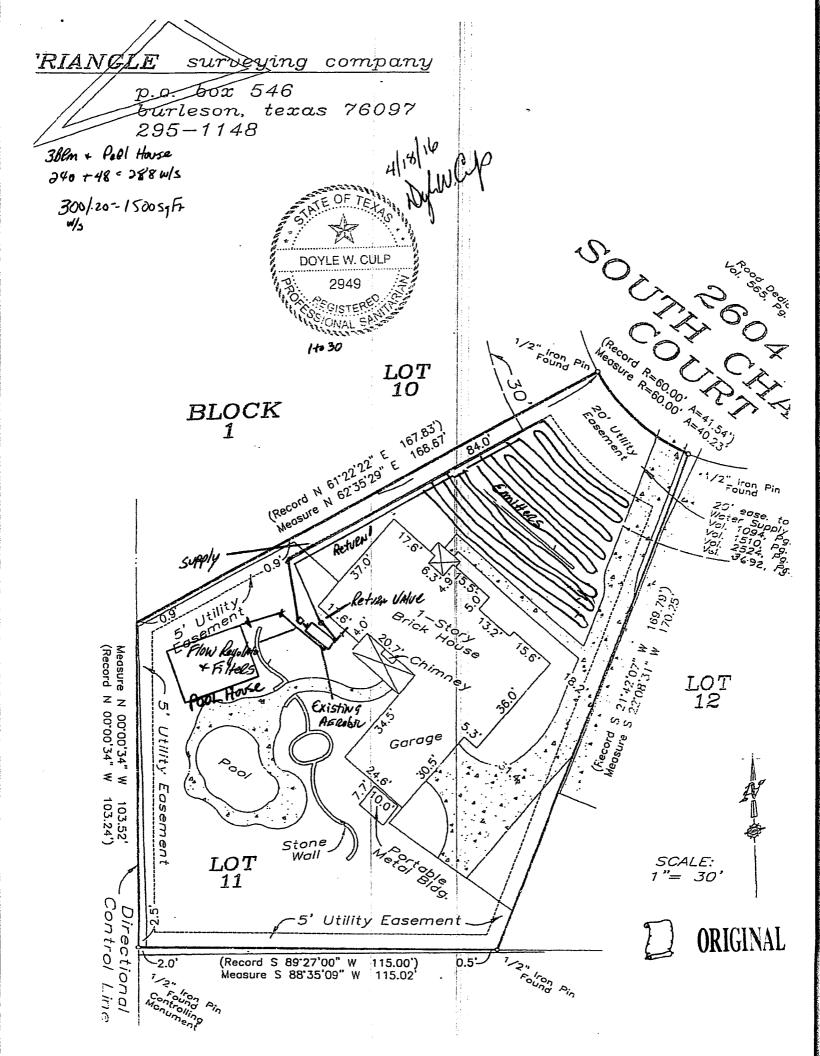
DRIP IRRIGATION

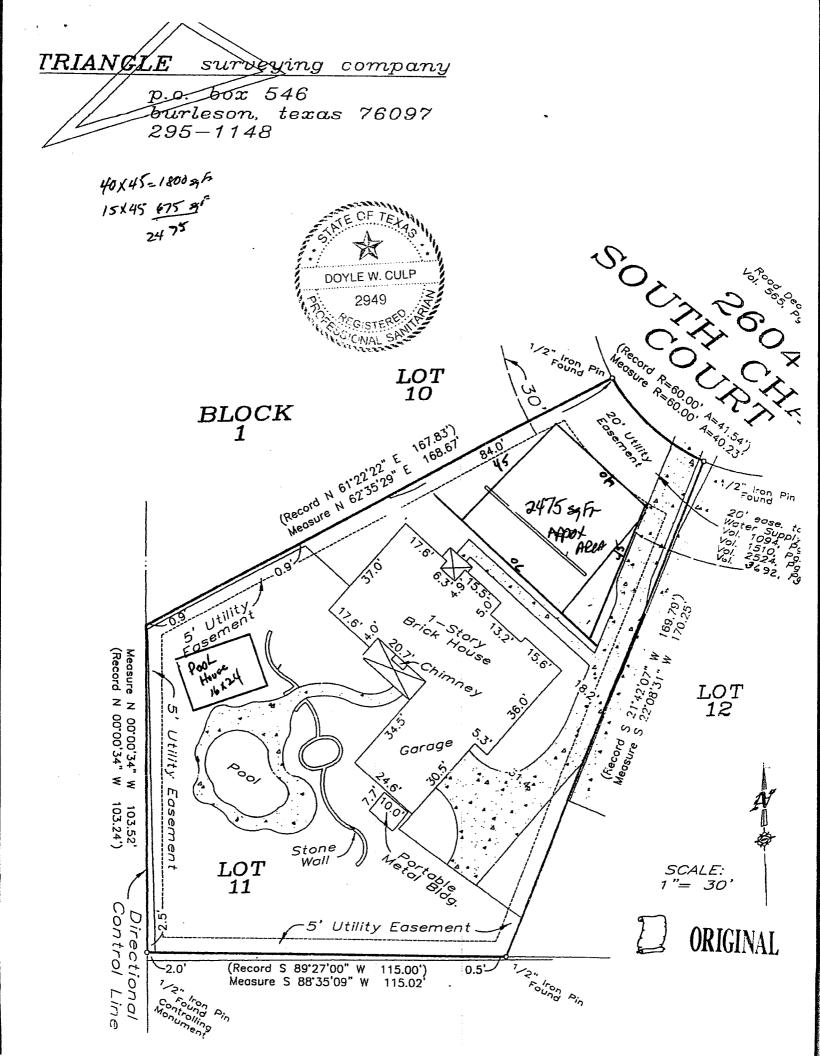
A subsurface drip line irrigation would typically consist of a septic tank, an aerobic unit, a pumping tank, filtration system and the irrigation lines with emitters. The effluent will flow from the residence to the septic tank for settling the solid waste. An aerobic unit will further reduce the effluent by providing a rapid and complete decomposition of organic waste materials and greater reduction of pathogens. The treated effluent will then pass into the pumping tank to be dosed out through the filtration system and into the lines at a predetermined dosing rate. The drainfield shall consist of a matrix of lines and emitters arranged in almost any configuration where the layout would ensure equal distribution throughout the drainfield.

The drip irrigation system consist of small diameter pressurized lines buried in the soil. The lines contain pressure reducing emitter spaced at intervals. The purpose of the pressure reducing emitter is to restrict the flow of effluent from the pipe into the surrounding soil to a very low rate. This distribution method promotes uniform wetting of the soil in the root zone of surface vegetation. The shallow depth of installation is an advantage of the drip irrigation system since the topsoil or surface soil is generally the most permeable soil for accepting water.

All irrigation systems are dependent on a vegetative cover to prevent erosion from the field and utilize the water applied to the rooting zone. Sites should be quickly sodded or seeded and mulched with appropriate lawn grasses immediately after installation.

This design is representative of the current "state of the art" in effluent disposal system design. It should function within normal limits and expectations and without causing significant threat or harm to existing water supply systems, the public health or the threat of pollution or nuisance conditions. However, the to the vagaries of both nature and man, no warranty of this design performance is a convergence of the current "state of the art" in effluent disposal system design. It should function within normal limits and expectations and without causing significant threat or harm to existing water supply systems, the public health or the threat of pollution or nuisance conditions. However, the expressed or implied.





JOHNSON COUNTY HEALTH DEPARTMENT

Quality Control

A.	GENERAL	INFORMATION	

1. Applicants Name

MR. CHARLES MASSEY 121 N. W. Renfro Street Burleson, Texas 76028

295-2211

3. Dwelling Information

New_xx_ Existing	· ·
Number of Bedrooms	3
Number of Bathrooms	2
Washer Connection	Ves
Dishwasher	véa
Garbage Disposal	yes

2. Location of Property

Lots 4 - 11 - 12 - 13 - 14 - 15, Block 1 SOUTH CHASE

4. Property Information:

Size of Lot or	number of	acres:
1071 x 185!	I	
Dimensions of l	Lot:	•

(Attach survey or plat if available)

B. INDIVIDUAL SEWAGE DISPOSAL SYSTEM: (To be completed by person qualified to make percolation test)

I have made a percolation test on this property and on this day, in accordance with the latest guidelines published by the Texas Department of Health. Based on this percolation test, I find the percolation rate for this property is:

HOLE NO.	DEPTH	RATE (Minutes per inch)
4	26 ⁴⁴	14.5
11.	: 26"	36.0
12 F OF)	26"	480.0
13	26"	36.9 ←
14 2	26"	24.0
15	26"	16.0
2001		
30(61	0/2	6 5000

Based on the above percolation test result, I recommend the following design of the septic system:

Septic Tank Capacity Two 500 Gallon Tanks In Series	Gallons.
Length of Lateral Line 380'	Feet
Width of Lateral Line Trenches 24" "	Inches
Area of Absorbtion Beds, (If Used)	Square Fee

ALTERNATE DESIGN: Install a pressurized subsurface effluent dosing system consisting of a 1,200 gallon acrobic treatment unit along with a 500 gallon dosing tank equipped with a low pressure effluent dosing pump. Install a minimum of 760 linear feet of perforated drainline in trenches on 2 foot centers, and backfill with native soil. The trenches shall not be dug deeper than 24" deep. Trenches are not required to follow level contour lines. Use of a "Jet, Inc." system or equal is adequate. 1200 of 144"

A local distributor for Jet, Inc. is: TEXAS WASTEMATER TREATMENT SYSTEMS, INC. 1125 South I-35 West (P. O. Box 40) Burleson, Texas 76028

(817) 295-0161

Metro: 572-4481

Aerator pumps shall be flood proof.

FILE COPY

JOHNSON COUNTY - SITE EVALUATION REPORT

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ate <u>4/19/16</u> ameddress	-	_,		
ame		Pho)ne	
ROPERTY LOCATION		Subdivicion		
ROPERTY LOCATION ot treet/Road Address	Block	The Subdivision	esa TX	
reet/Road Address	0004 301	A MAR ENGLE		
dditional Information				
	SC	HEMATIC OF LOT OR TE	RACT	
ompass North, adjacent street ocation of natural, constructed ocation of existing or propose ocation of (numbered) soil bot	d or proposed drainage \	ways, water impoundment o		
				
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	JAIA		+	
	rive way	7-1-11	++++//	
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	_ 	+++++++	1-01	
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		++++		EO TEXAS
	-+-+			56
				1. 1
				DOYLE W. CULP
 				2949
				ON PEGISTERE IN
				SS/ONAL SA
Presence of 100 year flood 20	one	Yes	No_	Firm Panel #
Presence of upper water she	:đ	Yes		
Presence of adjacent ponds, Existing or proposed water v	streams, water impound	dment area Yes Yes	No	
ATTESTED BY:		•	,	1.10-
Signature	WW)	Site Evaluate	or No. <u>6470</u>
Pn 986	CRowly 7	12 76036	817-29	97-2342
	Address			Phone
The information on this repo	ort is required by Johnson	County. The design,	EII!	E COPRevised 7/10/20:
construction and installation affecting each lot or tract at	i of each system is based ad must be subsequently	rupon specific conditions approved by Johnson Count	ry. FIL	L UU Red sed 7/10/20:

SON COUNTY HEALTH DEPAR LENT

Quality Control Division Inspection Report of Private Sewage Disposal System _ Permit No. <u>5294</u> Name Hesidence Lot Subdivision ☐ **Business** Blk Mew, □ Existing Phase ☐ Fiberglass □ Other SEPTIC TANKS: Number of Tanks 1700 Total Capacity . Gal. Inlet Capacity Gai. **EFFLUENT DISPOSAL:** □ Lateral Lines □ Absorption bed □ Evapotranspiration beds □ Graveless Pipe □ 6" □ 10" □ Pressure Dose
Nearest Lot Line at: □ Front □ Side □ Rear □ ______ Trench Depth: | 18" | 24" | 28" | 36" | Other | Trench Depth: | 18" | 20" | 24" | 28" | 30" | Other | Gravel amount: Beneath Pipe: | 6" | 8" | 12" | Other | Other | Total effective absorption (Trench Bottom) area | Number of Beds | one | 1 two | 1 three | Other | Size of Beds | ft. X | ft Remarks: This information obtained from others and on site inspection with no visible problems noted. The system can be expected to function if not abused.

This inspection is for materials, construction and installation. Johnson County makes no guarantee, nor is responsible either express or implied that the system will work if not properly maintained or if system is abused.

Installed By:	Zexas Wastervaller	7- 88
•	NA - 0-	9-7-88
Inspected By:	Lkunnel	Date: 7-7-6 G

Electronically Recorded Instrument: 13346 Page: 1 of 4

PROVIDENCE TITLE GF NO. BL2745

WARRANTY DEED WITH VENDOR'S LIEN with Mineral Reservation

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.

Date:

JUNE 11, 2012

Grantor:

RICHARD W. FAIRCHILD AND WIFE, ALYSON K. FAIRCHILD AKA

ALYSON FAIRCHILD

Grantor's Address (including County):

Grantee:

STACEY LEIGH WEBB, A SINGLE PERSON

Grantee's Address (including County):

2604 SOUTH CHASE COURT BURLESON, TEXAS 76028 JOHNSON COUNTY

Consideration: TEN AND NO/100------(\$10.00)------DOLLARS;

and other good and valuable considerations in hand paid by the GRANTEE herein named, the receipt of which is hereby acknowledged;

AND; THE FURTHER CONSIDERATION of the execution and delivery by GRANTEE of that one certain promissory note in the original principal sum of TWO HUNDRED THIRTY THOUSAND SEVEN HUNDRED FORTY-THREE AND NO/100 DOLLARS (\$230,743.00), bearing interest as therein specified and being due and payable as therein provided to the order of CENDERA FUNDING, INC., A TEXAS CORPORATION, and providing for the acceleration of maturity in event of default and for attorney's fees; and secured by the Vendor's Lien and Superior Title retained herein; and being additionally secured by a Deed of Trust of even date therewith to MICHAEL W. BROOME, as Trustee; on the condition that this Vendor's Lien is cumulative of and without prejudice of or to said Deed of Trust;

Property (including any improvements):

BEING LOT 11, BLOCK 1, OF SOUTH CHASE, AN ADDITION TO JOHNSON COUNTY, TEXAS, AS SHOWN ON THE PLAT THEREOF RECORDED IN VOLUME 5, PAGE 69 OF THE PLAT RECORDS, JOHNSON COUNTY, TEXAS.

Reservations from Conveyance:

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

Grantor waives and conveys to Grantee the right of ingress and egress to and from the surface of the Property relating to the portion of the mineral estate owned by Grantor.

Nothing herein, however, restricts or prohibits the pooling or unitization of the portion of the mineral estate owned by Grantor with land other than the Property; or the exploration or production of the oil, gas and other minerals by means of wells that are drilled or mines that open on land other than the Property but enter or bottom under the Property, provided that these operations in no manner interfere with the surface or subsurface support of any improvements constructed or to be constructed on the Property.

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; validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded in validly existing restrictions, reservations, covenants, conditions, oil and gas leases, mineral interests and water interests outstanding in persons other than Grantor, and other instruments, other than conveyances of the surface fee estate, that affect the Property; validly existing rights of adjoining owners in any walls and fences situated on a common boundary; any discrepancies, conflicts, or shortages in area or boundary lines; any encroachments or overlapping of improvements; all rights, obligations, and other matters arising from and existing as the same appear of record in the Office of the County Clerk of the County in which the above described property is situated.

GRANTOR, for and in consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, GRANTS, SELLS, and CONVEYS to GRANTEE the property, together with all and singular the rights and appurtenances thereto in any wise belonging, to have and hold it to GRANTEE, GRANTEE'S heirs, executors, administrators, successors, or assigns forever. GRANTOR binds GRANTOR and GRANTOR'S successors, administrators, and successors to warrant and forever defend all and singular the property to GRANTEE and GRANTEE'S heirs, executors, administrators, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

CENDERA FUNDING, INC., A TEXAS CORPORATION, at Grantee's request, has paid cash to Grantor that portion of the purchase price of the Property that is evidenced by the note. The first and superior vendor's lien against and superior title to the Property are retained for the benefit of CENDERA FUNDING, INC., A TEXAS CORPORATION and are transferred to CENDERA FUNDING, INC., A TEXAS CORPORATION without recourse against Grantor.

The vendor's lien against and superior title to the property herein conveyed are retained until each note described herein is fully paid according to its terms, at which time this Deed shall become absolute.

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

MADE EFFECTIVE THE DATE FIRST HEREINABOVE SPECIFIED.

Richard W. Fairchild by and th	rough	-	
This agent and atterney in fact,	alyson	X. Faichel	AKA alysa
RICHARD W. FAIRCHILD, BY AND THROUGH HIS AGENT AND ATTORNEY-IN-FACT,	ALYSON K	L FAIRCHILD AKA AIRCHILD	Sarchib
ALYSON K. FAIRCHILD AKA ALYSON FAIRCHILD			

ACKNOWLEDGMENT

THE STATE OF TEXAS

COUNTY OF JOHNSM

The foregoing instrument was acknowledged before me on this the ______ day of JUNE, 2012, by ALYSON K. FAIRCHILD AKA ALYSON FAIRCHILD, INDIVIDUALLY, AND AS AGENT AND ATTORNEY-IN-FACT FOR HER HUSBAND, RICHARD W. FAIRCHILD.

FALON MARIE CARPENTER
Notary Public
STATE OF TEXAS
My Camm. Exp. 04/07/2015

NOTARY PUBLIC, STATE OF TEXAS

My Commission Expires: Printed Name of Notary:

ACKNOWLEDGED AND ACCEPTED:

TACEY LIGH WEBB

AFTER RECORDING RETURN TO:

STACEY LEIGH WEBB, A SINGLE PERSON 2604 SOUTH CHASE COURT BURLESON, TEXAS 76028

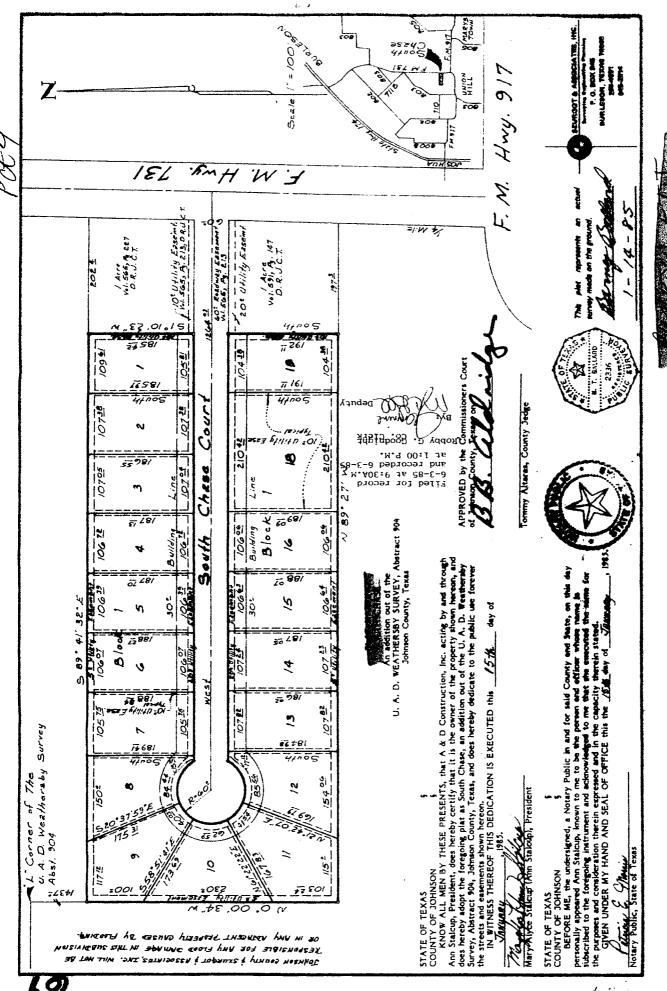
PREPARED IN THE LAW OFFICE OF:

RAMSEY & FOSTER, P.C. 5001 HWY 287 SOUTH, STE. 105 ARLINGTON, TEXAS 76017

WARRANTY DEED WITH VENDOR'S LIEN WITH MINERAL RESERVATION

Page 4 of 4

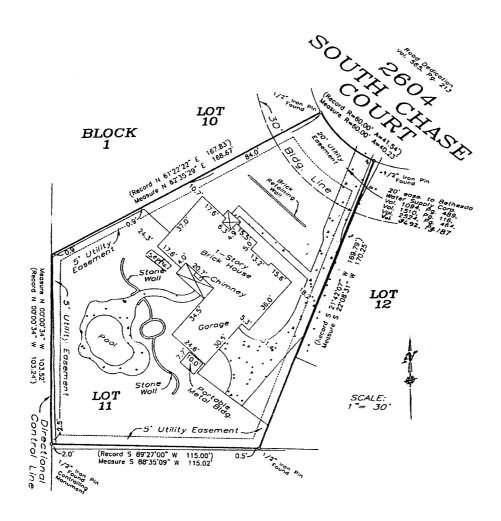




9 ac.

1. "

TRIANGLE surveying company
p.o. box 546
burleson, texas 76097
295-1148



According to the Flood Insurance Rate Map for Johnson County Unincorporated Areas no. 480879 0039 F, effective September 27, 1991, this lot appears to be in Zone "%" (areas determined to be outside 500—year flood plain).

Survey of Lot 11, Block 1, South Chase, an addition in Johnson County, Texas, according to the plat recorded in Volume 5, Page 69, of the Plat Records of Johnson County, Texas.

2604 South Chase Court

THIS SURVEY VALID ONLY WITH AN ORIGINAL SIGNATURE IN RED INK.

BURVEYOR'S DECLARATION

The plat horson is a laws, correct and encurate representation of the property se determined by a survey on the ground, the lines and dimensions of said property being as buildings by the plat. The sites, bossion and type of buildings and improvements are as shown! All suprovement are self-back those the property lines the distance buildings of these are no enconsolvents assemble as should be

