MINUTES OF COMMISSIONERS COURT MEETING

I.

Attached hereto is/are public notice(s) posted for the meeting of **July 22, 2021.**

II.

The minutes of the Regular Meeting of Fayette County, Texas, Commissioners Court held in the Commissioners Courtroom (3rd floor - Room 303) at the Fayette County Courthouse located at 151 North Washington Street, La Grange, Texas.

III.

Attendance: County Judge Joe Weber _____
County Commissioner – Precinct No. 1, Jason McBroom _____
County Commissioner – Precinct No. 2, Luke Sternadel _____
County Commissioner – Precinct No. 3, Harvey Berckenhoff_____
County Commissioner – Precinct No. 4, Drew Brossmann_____

IV.

County Officials/County Personnel present during all or any part of the meeting:

V.

Persons in attendance during all of any part of the meeting:

VI.

Meeting opened at _____ __.m. on motion by Commissioner _____, seconded by Commissioner _____, votes for _____, votes against _____.

VII.

PLEDGE OF ALLEGIANCE
PLEDGE OF ALLEGIANCE TO THE AMERICAN FLAG
PLEDGE OF ALLEGIANCE TO THE TEXAS FLAG
"Honor the Texas Flag; I pledge allegiance to thee, Texas, one state under God, one and indivisible."
I N V O C A T I O N

AGENDA ACTION:

1. **SUBJECT: Consider and take appropriate action in approving the following minutes from previous meetings:**

    i. **July 7, 2021 – Special Meeting**
    ii. **July 8, 2021 – Regular Meeting**
    iii. **July 15, 2021 – Special Meeting**

ACTION:

PERSONS APPEARING BEFORE THE COURT: Brenda Fietsam

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

2. SUBJECT: Open public comments – petitions, requests or statements by the public. Close.

ACTION:

PERSONS APPEARING BEFORE THE COURT:

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

3. SUBJECT: Hear report from EMS Director Josh Vandever.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Josh Vandever

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

4. SUBJECT: Consider and take appropriate action authorizing the County Auditor to advertise for proposals for a Texas based billing, bill collection, and records services for Fayette County Emergency Medical Services.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Josh Vandever

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

5. SUBJECT: Consider the purchase of specialized medical equipment from Stryker Emergency Equipment to include 1 - power load system, 1 stretcher and 3 – Lucas 3 Mechanical CPR Devices and authorizing the County Judge and/or EMS Director to sign all necessary documents.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Josh Vandever

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

stryker

3 Lucas, power pro and power load

Quote Number: 10398678

Version: 1

Prepared For: FAYETTE COUNTY EMS

Attn:

Remit to: **Stryker Medical**
P.O. Box 93308
Chicago, IL 60673-3308

Rep: Lauren Kuhner

Email: lauren.kuhner@stryker.com

Phone Number: 2812179301

Mobile: 281-217-9301

Quote Date: 07/08/2021

Expiration Date: 10/06/2021

Delivery Address		**End User - Shipping - Billing**		**Bill To Account**	
Name:	FAYETTE COUNTY EMS	Name:	FAYETTE COUNTY EMS	Name:	FAYETTE COUNTY AUDITOR
Account #:	1077934	Account #:	1077934	Account #:	1515614
Address:	1721 VON MINDEN RD	Address:	1721 VON MINDEN RD	Address:	119 W COLORADO ST
	LA GRANGE		LA GRANGE		LA GRANGE
	Texas 78945-2400		Texas 78945-2400		Texas 78945-2203

Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	639005550001	MTS POWER LOAD	1	$22,415.39	$22,415.39
2.0	99576-000063	LUCAS 3, v3.1 Chest Compression System, Includes Hard Shell Case, Slim Back Plate, (2) Patient Straps, (1) Stabilization Strap, (2) Suction Cups, (1) Rechargeable Battery and Instructions for use With Each Device	3	$13,453.89	$40,361.67
3.0	11576-000060	LUCAS Desk-Top Battery Charger	3	$1,049.75	$3,149.25
4.0	11576-000071	LUCAS External Power Supply	3	$332.35	$997.05
5.0	11576-000080	LUCAS 3 Battery - Dark Grey - Rechargeable LiPo	3	$641.75	$1,925.25
6.0	6506000000	Power-PRO XT	1	$17,460.00	$17,460.00
6.1	6085033000	PR Cot Retaining Post		$0.00	$0.00
6.2	7777881669	3 Yr X-Frame Powertrain Wrnty		$0.00	$0.00
6.3	7777881670	2 Yr Bumper to Bumper Warranty		$0.00	$0.00
6.4	6506026000	Power Pro Standard Components		$0.00	$0.00
6.5	6500001430	X-RESTRAINT PACKAGE		$0.00	$0.00
6.6	0054030000	DOM SHIP (NOT HI, AK, PR, GM)		$0.00	$0.00
6.7	6506600000	English Manual		$0.00	$0.00
6.8	6085031000	Trendelenburg		$0.00	$0.00
6.9	6506037000	No Steer Lock Option		$0.00	$0.00
6.10	6092036018	J Hook		$0.00	$0.00
6.11	6506127000	Power-LOAD Compatible Option		$1,546.49	$1,546.49

stryker

3 Lucas, power pro and power load

Quote Number: 10398678

Version: 1

Prepared For: FAYETTE COUNTY EMS

Attn:

Remit to: **Stryker Medical**
P.O. Box 93308
Chicago, IL 60673-3308

Rep: Lauren Kuhner

Email: lauren.kuhner@stryker.com

Phone Number: 2812179301

Mobile: 281-217-9301

Quote Date: 07/08/2021

Expiration Date: 10/06/2021

#	Product	Description	Qty	Sell Price	Total
6.12	6500028000	120V AC SMRT Charging Kit		$0.00	$0.00
6.13	6506041000	GREY XPS MATTRESS OPTION		$0.00	$0.00
6.14	6506040000	XPS Option		$1,825.71	$1,825.71
6.15	6085046000	Retractable Head Section O2		$167.86	$167.86
6.16	0054200994	NO RUNNER		$0.00	$0.00
6.17	6500315000	3 Stage IV Pole PR Option		$314.95	$314.95
6.18	6506012003	STANDARD FOWLER		$0.00	$0.00
6.19	639000010902	LABEL, WIRELESS		$0.00	$0.00
6.20	6500128000	Head End Storage Flat		$127.14	$127.14
6.21	6500147000	Equipment Hook		$48.20	$48.20
			Equipment Total:		$90,338.96

Price Totals:

Grand Total:	$90,338.96

Prices: In effect for 60 days.

Terms: Net 30 Days

Contact your local Sales Representative for more information about our flexible payment options.

stryker

3 Lucas, power pro and power load

Quote Number: 10398678

Version: 1

Prepared For: FAYETTE COUNTY EMS

Attn:

Quote Date: 07/08/2021

Expiration Date: 10/06/2021

Remit to: **Stryker Medical**
P.O. Box 93308
Chicago, IL 60673-3308

Rep: Lauren Kuhner

Email: lauren.kuhner@stryker.com

Phone Number: 2812179301

Mobile: 281-217-9301

_____

AUTHORIZED CUSTOMER SIGNATURE

Capital Terms and Conditions:
Deal Consummation: This is a quote and not a commitment. This quote is subject to final credit, pricing, and documentation approval. Legal documentation must be signed before your equipment can be delivered. Documentation will be provided upon completion of our review process and your selection of a payment schedule. Confidentiality Notice: Recipient will not disclose to any third party the terms of this quote or any other information, including any pricing or discounts, offered to be provided by Stryker to Recipient in connection with this quote, without Stryker's prior written approval, except as may be requested by law or by lawful order of any applicable government agency. A copy of Stryker Medical's Acute Care capital terms and conditions can be found at https://techweb.stryker.com/Terms_Conditions/index.html. A copy of Stryker Medical's Emergency Care capital terms and conditions can be found at https://www.strykeremergencycare.com/terms.

6. SUBJECT: Consider the purchase of specialized medical equipment from Henry Schein to include 1 – transport ventilator and authorizing the County Judge and/or EMS Director to sign all necessary documents.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Josh Vandever

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

QUOTE

HENRY SCHEIN®

Bill To: 01189511 **Ship To:** 01189512

Fayette Co Auditor Office Fayette Co Auditor Office 230 W Colorado St La Grange, TX 789452206	Fayette Co EMS Fayette Co EMS 1721 Von Minden Rd La Grange, TX 789452400	**Sent:** **Reference#:** QT200541720210716111751 **Note:**

Qty	Product	Description	UOM	Unit Price	Extended Price
1	7002158	E700 Transport Ventilator Ea	EA	6,755.00	6,755.00

Sub Total: 6,755.00

This quote is valid for 30 days after which this pricing may expire.

7. SUBJECT: Hear presentation from Kent Babcock concerning Groundwater Management Area 12's (GMA-12) proposed amendments to the existing Desired Future Conditions (DFC).

ACTION:

PERSONS APPEARING BEFORE THE COURT: Kent Babcock, Andrew Weir

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

Water —

It’s what’s for life!

Considerations

- "In regions experiencing aquifer depletion, planning for groundwater sustainability requires . . . an assessment of future conditions, with changes in recharge and pumping."

- Planning for groundwater sustainability accounting for uncertainty and costs: An application to California's Central Valley
- *Journal of Environmental Management* 2020 Jun 15

Challenges

- "Hydrologic variability, climate change effects on water flows, changing water infrastructure operations, and inherent uncertainties in modeling, challenge the plans to achieve groundwater sustainability."

- Planning for groundwater sustainability accounting for uncertainty and costs: An application to California's Central Valley
- *Journal of Environmental Management* 2020 Jun 15

Results

- “Results from both groundwater models show significant inter-annual variability in flows affecting groundwater storage . . . “
- “The analysis of the probabilities of achieving sustainability . . . show . . . that greater variance in annual groundwater storage increases uncertainties in ending overdraft . . . “

- Planning for groundwater sustainability accounting for uncertainty and costs: An application to California's Central Valley
- *Journal of Environmental Management* 2020 Jun 15

Recharge of an aquifer

- ". . . the alluvial aquifer recharge due to precipitation was calculated (recharge values range from 21.78 to 68.52 mm) . . . this amount of recharge corresponds to 10% of the amount of annual rainfall.

- Groundwater recharge estimation using HYDRUS 1D model in Alaşehir sub-basin of Gediz Basin in Turkey
- *Environmental Monitor Assessment* 2019 Sep 5

Future Direction

- An essential resource is precariously balanced with less than 100% recharge/replenishment
- There is increasing evidence of the current drawdowns depleting the aquifers as evidenced by the increasing number of wells needing mitigation
- Data from actual pumping tests needs to be frequently analyzed so that decreased pumping is mandated to prevent an untenable situation

Water —

It’s what’s for life!

8. SUBJECT: Consider and take appropriate action in signing a Resolution providing comments to Groundwater Management Area 12 during joint planning to adopt Desired Future Conditions.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Kent Babcock, Andrew Weir

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

FAYETTE COUNTY, TEXAS

RESOLUTION NO. 2021-XX-XX-X

A RESOLUTION OF THE FAYETTE COUNTY, TEXAS COMMISSIONERS COURT TO THE FAYETTE COUNTY GROUNDWATER CONSERVATION DISTRICT REGARDING ADOPTION OF NEW OR AMENDED DESIRED FUTURE CONDITIONS

WHEREAS, the Conservation Amendment of the Texas Constitution makes clear that the conservation and development of the natural resources of Texas, including its water, are public rights and duties, and authorizes the Legislature to create conservation districts to accomplish these purposes; and

WHEREAS, Chapter 36 of the Texas Water Code empowers groundwater conservation districts to protect property rights, balance conservation of groundwater against groundwater pumping to meet the needs of this state, and use the best available science to guide conservation and development of groundwater; and

WHEREAS, the Texas Water Code requires groundwater districts, grouped into Groundwater Management Areas (GMAs), to periodically plan how to manage our groundwater resources for the future, to include adopting new or amended descriptions of the "future desired condition" of our aquifers (Desired Future Conditions, or DFCs) that are compatible throughout the management area; and

WHEREAS, the Texas Water Code requires that the DFCs must balance groundwater production with the conservation, protection, recharging, and prevention of waste of ground-water, and control of subsidence; and

WHEREAS, the Texas Water Code requires GMAs, when setting DFCs, to document impacts on aquifer conditions, water supply needs, hydrological conditions, spring flows, interactions between groundwater and surface water, socioeconomic conditions, property rights, groundwater availability model run results, and other relevant factors, to demonstrate the required balance will be maintained between production, and the conservation and protection of groundwater; and

WHEREAS, Fayette County is in the Fayette County Groundwater Conservation District (FCGCD), which is a member of Groundwater Management Area 12 (GMA 12); and

WHEREAS, Fayette County residents within FCGCD and GMA 12 rely on the Carrizo-Wilcox, Sparta, Queen City, Yegua-Jackson and Colorado Alluvium Aquifers, and the Colorado River located in FCGCD to maintain their economic, human and environmental needs; and

WHEREAS, the proposed Desired Future Conditions for the Carrizo-Wilcox, Sparta, and Queen City Aquifers are not adequately supported by documentation of factors required to be considered under the Texas Water Code; and

WHEREAS, the proposed DFCs will increase the allowable drawdowns for water levels in the Carrizo-Wilcox Queen City Aquifers within FCGCD; and

WHEREAS, significant increases in drawdown in the Carrizo-Wilcox Aquifer by GMA-12 member districts threaten the Colorado River and its ecosystem by reducing groundwater inflows to the river and the Colorado Alluvium Aquifer; and

WHEREAS, sudden and significant failures of domestic and livestock wells already have occurred in the Carrizo-Wilcox Aquifer in neighboring districts during 2020-2021; and

WHEREAS, significantly increased allowable drawdowns in the Carrizo-Wilcox impairs the ability of individual districts to appropriately manage production within the district by moving the thresholds for such management rules; and

WHEREAS, each district is required to hold at least one public hearing and receive public comments for a minimum 90-day period, before taking a final vote on the proposed DFCs; and

WHEREAS, the Fayette County, Texas Commissioners Court may submit comments to FCGCD and fellow districts within GMA 12 through the end of the public comment period on August 23, 2021;

NOW, THEREFORE, BE IT RESOLVED by the Fayette County, Texas Commissioners Court:

We find that the proposed Desired Future Conditions do not establish the required balance between development of groundwater resources, and conservation and protection of those resources.

We support conservation and sustainable management of our aquifers and not management to depletion (mining) of their waters.

On behalf of the citizens of Fayette County, we request that FCGCD and other GMA-12 member districts reject the proposed 2022 DFCs and instead maintain the current DFCs to protect the aquifers during the next five years.

At the least, Fayette County, Texas requests that any new or amended DFCs should not significantly increase the allowable drawdowns in the aquifers over those in the current DFCs.

PASSED AND APPROVED THIS _____ DAY OF JULY, 2021,
with _____ ayes, _____ nays, and _____ abstentions.

[APPROPRIATE SIGNATURE BLOCK FOR PUBLIC BODY]

9. SUBJECT: Consider and take appropriate action concerning erecting a monument at the Fayette County Old Jail.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Charles Murray

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

10. SUBJECT: Presentation by GrantWorks on grant opportunities, as well as services provided.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Brett Payne

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

11. SUBJECT: Acknowledge and accept geotechnical report for Colorado Riverfront, LLC regarding the proposed Belota-Walla Road.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Clint Sternadel

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

MLA Geotechnical "put us to the test"

A Division of MLA Labs, Inc.

GEOTECHNICAL INVESTIGATION
PAVEMENT THICKNESS
RECOMMENDATIONS - REVISED

2340 Belota-Walla Road
Plum, Texas

Report For:

Colorado Riverfront, LLC
15 Pascal Lane
Austin, Texas 78746

April 2021

Engineer's Job # 21101100.023

MLA Geotechnical TBPE FIRM # F-2684
Geotechnical Engineering and Construction Materials Testing
"put us to the test"

Christopher P. Elliott
Vice President

Timothy R. Weston, P.E.
President

Matthew J. Rodriguez, P.E.
Senior Engineer 4/21/21

STATE OF TEXAS
MATTHEW J. RODRIGUEZ
128160
LICENSED
PROFESSIONAL ENGINEER

TABLE OF CONTENTS

GEOTECHNICAL INVESTIGATION
PAVEMENT THICKNESS RECOMMENDATIONS - REVISED

2340 Belota-Walla Road
Plum, Texas

BACKGROUND

The purpose of this investigation was to determine subsurface conditions relative to the establishment and design pavement thickness sections for the *2340 Belota-Walla Road* subdivision located in Plum, Texas. Authorization to perform this exploration and analysis was by Agreement for Engineering Services signed by Mr. Ryan Foster of Colorado Riverfront, LLC on February 26, 2021.

More specifically, the purposes of this investigation were to determine the soil profile, the engineering characteristics of the foundation soil and to provide criteria for use by the design engineers in preparing the pavement thickness designs for the subdivision streets. The scope included a review of geologic literature, a reconnaissance of the immediate site, the subsurface exploration, field and laboratory testing, and an engineering analysis and evaluation of the foundation materials.

Index and engineering properties of the different soil types encountered on this project were determined and used as a basis for assigning parameters for pavement thickness designs. Pavement thicknesses were then designed using the computerized procedure adopted by the City of Austin, March 24, 1988, "Municipal Pavement Structural Design and Life Cycle Cost Analysis System[(1)]." Input data and assumptions as well as results are listed in later sections of this report. Output from the computer analysis is enclosed in ***Appendix C***.

The exploration and analysis of the subsurface conditions reported herein is considered in sufficient detail and scope to form a reasonable basis for the preliminary pavement thickness designs. The recommendations submitted are based on the available soil information and the assumed preliminary design for the proposed streets. Any revision in the plans for the proposed

street system from those stated in this report should be brought to the attention of the geotechnical engineer so that he may determine if changes in the recommendations are required.

MLA Geotechnical should be retained to monitor site work and construction so that these preliminary recommendations may be finalized, and so that deviations from expected conditions can be properly evaluated.

This report has been prepared for the exclusive use of the client and their design professionals for specific application to the proposed project in accordance with generally accepted soils and pavement engineering practice. This report is not intended to be used as a specification or construction contract document, but as a guide and information source to those qualified professionals who prepare such documents.

FIELD AND LABORATORY INVESTIGATION

Three test pits were excavated to various depths spaced at locations as shown on the enclosed Logs of Test Pits and Plan of Test Pits using a backhoe. Water was not introduced into the test pits. The field investigation included completing the soil test pits, performing field tests, and recovering samples. Representative soil samples were selected for laboratory index tests including Atterberg Limits, sieve analysis, and moisture content tests. The results of these tests and stratigraphy are presented on the Logs of Test Pits found in ***Appendix A***. A key to the Soil Classification and symbols is located behind the last Log of Test Pits. See ***Appendix B*** for details of field and laboratory procedures, as applicable.

SITE TOPOGRAPHY, DRAINAGE AND VEGETATION

The pavement areas are situated on gently sloping topography with natural slopes ranging up to approximately 1 percent. The vegetation at this site consists primarily of wild grasses and crops. Regionally this site drains to the north into the Colorado River.

SUBSURFACE CONDITIONS AND LOCAL GEOLOGY

Soil Profiles

The soil profile revealed in the test pits generally consists of an upper layer of dark brown low plasticity clay (CL) that varies in color to reddish brown.

Geology

Geologic maps indicate an outcrop of Alluvium, *Qal*, at this site [2,3]. This alluvium is of fluvial origin and consists primarily of clay with variable amounts of sand and silt with occasional gravel layers. These deposits are part of the floodplain of the Colorado River and its tributaries. They are characterized as consisting of an upper zone of clay soil underlain by increasingly sandy clay soil that varies to clayey sand. These soils often vary from dark brown at the surface and become lighter brown, occasionally reddish brown, with depth. Alluvium can store and transmit ground water, particularly through their gravel layers and along the surface of limestone bedrock, where present.

Faults

Geologic maps do not indicate the presence of a fault on the subject site and faulted conditions were not noted in the test pits.

Ground Water

Ground water was not noted in any of the test pits during this investigation. However, this formation can produce varying quantities of ground water depending upon the antecedent rainfall conditions.

MFPS ANALYSIS AND DESIGN

Pavement thickness sections were developed using the computerized pavement analysis software called "*Municipal Pavement Structural Design and Life Cycle Cost Analysis*" also known as MFPS [(1)]. This program accepts a number of input variables and predicts the performance of the pavement section including the number and type of overlays required for the specified pavement design life. The different sections are ranked on total cost, overlay cost, user cost, routine maintenance cost, and salvage value.

Minimum layer thicknesses were taken from the City of La Grange's *Code of Ordinances* [(4)]. Pavement layer properties and costs used are shown in ***Appendix C*** in the program output. The traffic inputs used for the residential streets are shown in Table 1 below.

Table 1 – Traffic Input Data

Street Classification	Design Life	Initial Avg. Daily Traffic (ADT)	Average Growth Rate	% Trucks in the ADT	Truck Factor	Initial/ Terminal Serviceability
Rural	20 years	100 vpd	3 %	2 %	0.40	4.2 / 1.0

Pavement options for the expected subgrade conditions are presented in the following table. Final pavement sections should be evaluated in the field by the Geotechnical Engineer.

RECOMMENDATIONS - PAVEMENT THICKNESS SECTIONS

Street Classification	Subgrade Material	Hot Mix Asphaltic Concrete, in	Two-Course Surface Treatment	Crushed Limestone Base, in
Rural Street	Subgrade PI > 25*	1.5	-	6
		-	X	8

Notes:

1. *Proof-roll the subgrade in accordance with TxDOT Item 216. If the proof-roll passes, then continue with the installation of the base course. If the proof-roll fails, cement stabilization may be necessary prior to base installation. Six to eight inches of cement stabilization may be required to provide a stable subgrade for constructability of the crushed limestone base section.
2. If cement stabilization is necessary, it should be extended 18 inches beyond the edge of pavement.
3. These pavement thickness designs are intended to transfer the load from the anticipated traffic conditions.
4. The responsibility of assigning street classification to the streets in this project is left to the civil engineer.
5. If pavement designs other than those listed above are desired, please contact MLA Geotechnical.

CONSTRUCTION CONSIDERATIONS

Ground Water

Should ground water become a problem during excavation, or if surface water accumulates during a rainy period, saturated soil should be dried out and/or removed and replaced with crushed limestone base.

Pavement

1. Subgrade and Foundation Soil Preparation
   a. Strip and remove from construction area any top soil, organics and vegetation to a minimum depth of 6 inches below the existing natural ground surface.
   b. Fill sections may be composed of on-site material excluding top soil, vegetation, and organics. Fills should be compacted in lifts not exceeding 8 inches after compaction and meet TXDOT Standard Specification Items 132 and 210 as applicable.
   c. Compaction of cut areas, on-grade areas, and fill sections should be to 95 percent of TxDOT TEX-114-E. Compaction should be performed with the moisture content of the soil adjusted to within 3 percent of optimum moisture content.
2. Cement Stabilized Subgrade
   a. Mix 6% (by weight) Portland Cement with the upper 6 to 8 inches of existing subgrade by disking the Portland Cement into the subgrade. The 6% Portland Cement was chosen using Figure 36 of the Portland Cement Association's Short-Cut Test Procedures for Sandy Soils from their Soil Cement Handbook. Please note that 2% has been subtracted from the 8% arrived at using Figure 36. The 6% Portland Cement should be considered a starting point for field operations. This may need to be increased if compaction does not perform well. The geotechnical engineer should be involved in the first section of cement-modified subgrade to determine if the percent Portland Cement needs to be modified.

b. Apply water and mix in general accordance with City of Austin's current "Standard Specifications" Item 204. (5)

c. Use a light flat wheel roller to compact the cement modified subgrade to avoid breaking through the layer. Compaction of the soil-cement mixture shall be 92% of TxDOT TEX-113-E using 13.26 ft. lbs./cu.in. compaction effort. The moisture content during compaction shall be maintained within 3 percent of optimum moisture content. Density control by means of field density determination shall be exercised.

d. Curing of this mixture is not required. The base course shall be constructed as soon as a stable platform is obtained.

e. At this time, no heavy proof-rolling-type equipment should be allowed on the soil-cement mixture because it may break it up.

3. Base Course

a. Base material shall meet the specifications outlined by TxDOT Item 247.

b. Thickness of the base course should be as shown on the enclosed ***Recommendations - Pavement Thickness Sections***.

c. Base course compaction shall be 100 percent of TxDOT TEX-113-E using 13.26 ft. lbs./cu.in. compaction effort. The moisture content during compaction shall be maintained within 3 percent of optimum moisture content. Density control by means of field density determination shall be exercised.

d. After compaction, testing, and curing of the base material, the surface shall be primed using an Asphalt Emulsified Petroleum (AE-P) primer as per TxDOT Item 310, and being MC-30 at a rate of 0.2 gallons per square yard.

4. Surface Course Options

a. **Hot Mix Asphaltic Concrete** - The surfacing option consists of hot-mix asphalt. This surfacing shall consist of a hot-mix asphaltic concrete (HMAC) meeting the requirement of Item 340, Type "D" of the current TXDOT Standard. Thickness

should be as shown on the included ***Recommendations - Pavement Thickness Sections***.

b. **Two-Course Surface Treatment** - This surfacing shall consist of a wearing surface composed of a double application of asphaltic material, each covered with aggregate constructed on a prepared base course. The two-course surface treatment shall meet the specifications outlined by Fayette County Minimum Road Specifications as follows:

"Two Course Surface Treatment shall be in accordance with TxDOT Specification Item 316 at the following rates:

First Course
Asphalt: AC-5, 10, or CRS2 @3.0 Gal/SY
Aggregate: B-3 @ 1CY/100SY
Second Course
Asphalt: AC-5, 10, or CRS2 @3.0 Gal/SY
Aggregate: PB-4 @ 1CY/110SY

The first course of the two course surface treatment shall be rolled with one pass of the three to six ton flat wheel roller with the approval of the Engineer. The remaining rolling, for the first and second course, shall be done with a medium pneumatic roller. The second course surface treatment shall be applied the same day or immediately after placement of the first course."

5. General Conditions

a. Should at any stage in the construction of the street pavements a non-stable or weaving condition of the subgrade or base course be noted under loads of construction equipment, such areas should be delineated and the Geotechnical Engineer consulted for remedial action before completing the pavement section.

b. Seepage areas or unusual subgrade soil conditions should be similarly brought to the Geotechnical Engineer's attention before proceeding with pavement completion.

c. Where existing pavements are trenched for utilities, a thickness of compacted flexible sub-base should be placed below the new crushed stone base. The sub-base should meet the specifications outlined by TXDOT Item 247. This sub-base should be compacted in 8 inch lifts to 95 percent of TEX-113-E and be a minimum of 18 inches thick or twice the design base thickness (if greater).

d. Trenches beneath pavements should be strategically backfilled with borrow or suitable material excavated from the trench and free of stone or rock over 8 inches in diameter. The backfill should be compacted to 95 percent of the maximum dry density when determined by TxDOT test method Tex-114-E. The moisture content should be within 2 percent of the optimum moisture content at the time of compaction. If stormwater trenches are backfilled with freely draining materials such as crushed stone, pea gravel or sand, the trench must be sloped a minimum of 0.5 percent to provide positive drainage to daylight.

e. If ground water or seepage is encountered at the time of construction, French drains may be required to drain or intercept the flow of water from the subsurface pavement materials. These drains should be sloped a minimum of 0.5 percent to provide positive drainage to daylight. French drains should be constructed in general accordance with ASTM D 2321 "Standard Practice for Underground Installation of Thermoplastic Pipe of Sewer and Other Gravity Flow Applications [(6)]." The French drain design should be reviewed by the geotechnical engineer prior to installation.

f. All pavements should be constructed with a curb and gutter or bar ditch system on all sides such that water drains away from the pavement system and does not pond near the pavement system.

QUALITY ASSURANCE CONSIDERATIONS

Type of Work	Item	Sample Frequency	Sample Size	Minimum Testing
General Earthwork and Fill Material	Soil	1 per Soil Type	110 lbs.	♦ Sieve ♦ P.I. ♦ Moisture Density Relationship
Base Course	Compaction	1 per 5000 ft^2 per lift (min. of 3 per lift)	300 lbs.	♦ Field Density Test ♦ Proof rolling w/25-ton pneumatic roller
Subgrade	Compaction	----------		
Concrete or HMAC	Mix Design	1 per concrete class		♦ Review & approval with confirmatory cylinders/cores ♦ Plant & materials approval, testing, if questionable
	Aggregates (coarse & fine)	1 per 500 cu. Yd. Min. 1 per job	30 lbs.	Sieve, organic impurities, specific gravity
HMAC Surface Course	HMAC	1 per 500 tons or each days laydown		♦ 3 cores for density ♦ Extraction/gradation tests ♦ Stability tests ♦ Thickness ♦ Temperature

REFERENCES

1. "Municipal Pavement Structural Design and Life Cycle Cost Analysis", City of Austin, Austin, Texas, December 1992.

2. Local geologic maps published by The Bureau of Economic Geology. Austin, Texas including:
   "Geologic Atlas of Texas" 15-minute quadrangles. March 9, 2004 geospatial data.
   "Geologic Map of the Austin Area, Texas 1992" Geology of Austin Area Plate VII.
   "Geologic Map of the West Half of Taylor Texas, 30 x 60 min quad. 2005. misc. map 43
   "Geologic Map of the New Braunfels, Texas 30 x 60 min quad" 2000. misc. map 39

3. "The Geology of Texas, Volume I, Stratigraphy", The University of Texas Bulletin No. 3232: August 22, 1932, The University of Texas, Austin, Texas, 1981.

4. "Code of Ordinances", City of La Grange, Latest Adopted Revision.

5. "City of Austin Standard Specifications", Latest Adopted Revision.

6. "ASTM D-2321-89 Standard Practice for Underground Installation of Thermoplastic Pipe Sewers and Other Gravity Flow Applications", ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, Pennsylvania, USA 19428-2959.

LIMITATION OF REPORT

Conditions of the site at locations other than the test pit locations are not expressed or implied, and conditions may be different at different times from the time of this investigation. Contractors or others desiring more complete information are advised to secure their own supplemental test pits. The analysis and recommendations contained herein are based on the available data as shown in this report and the writer's professional expertise, experience and training, and no other warranty is expressed or implied concerning the satisfactory use of these recommendations or data.

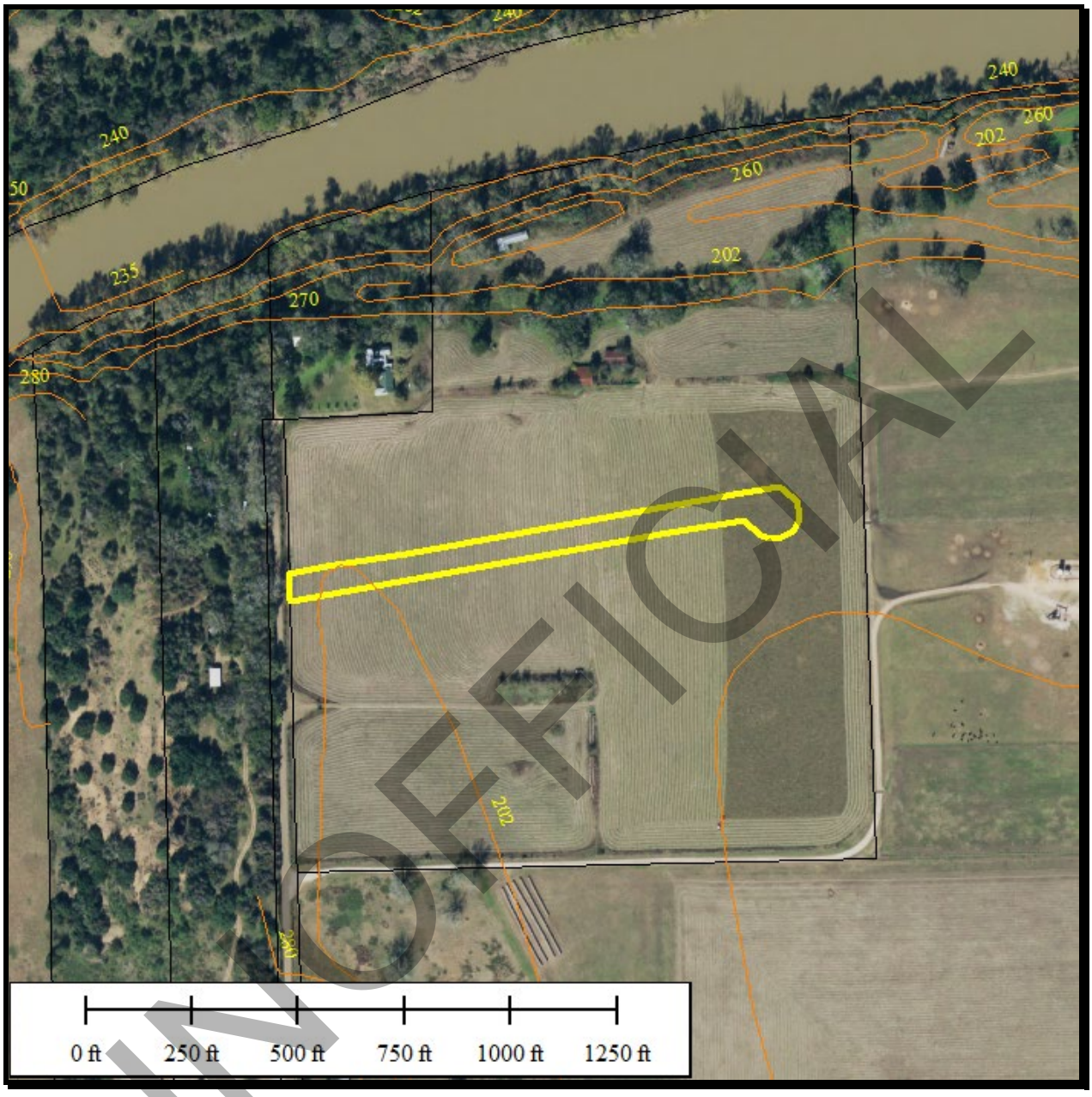
APPENDIX A

GEOTECHNICAL DATA

Approximate location of site in yellow
CAPCOG contours (2008) in orange
Fayette County parcels (2019) in black

NAPP Aerial Photograph of Site – 1995

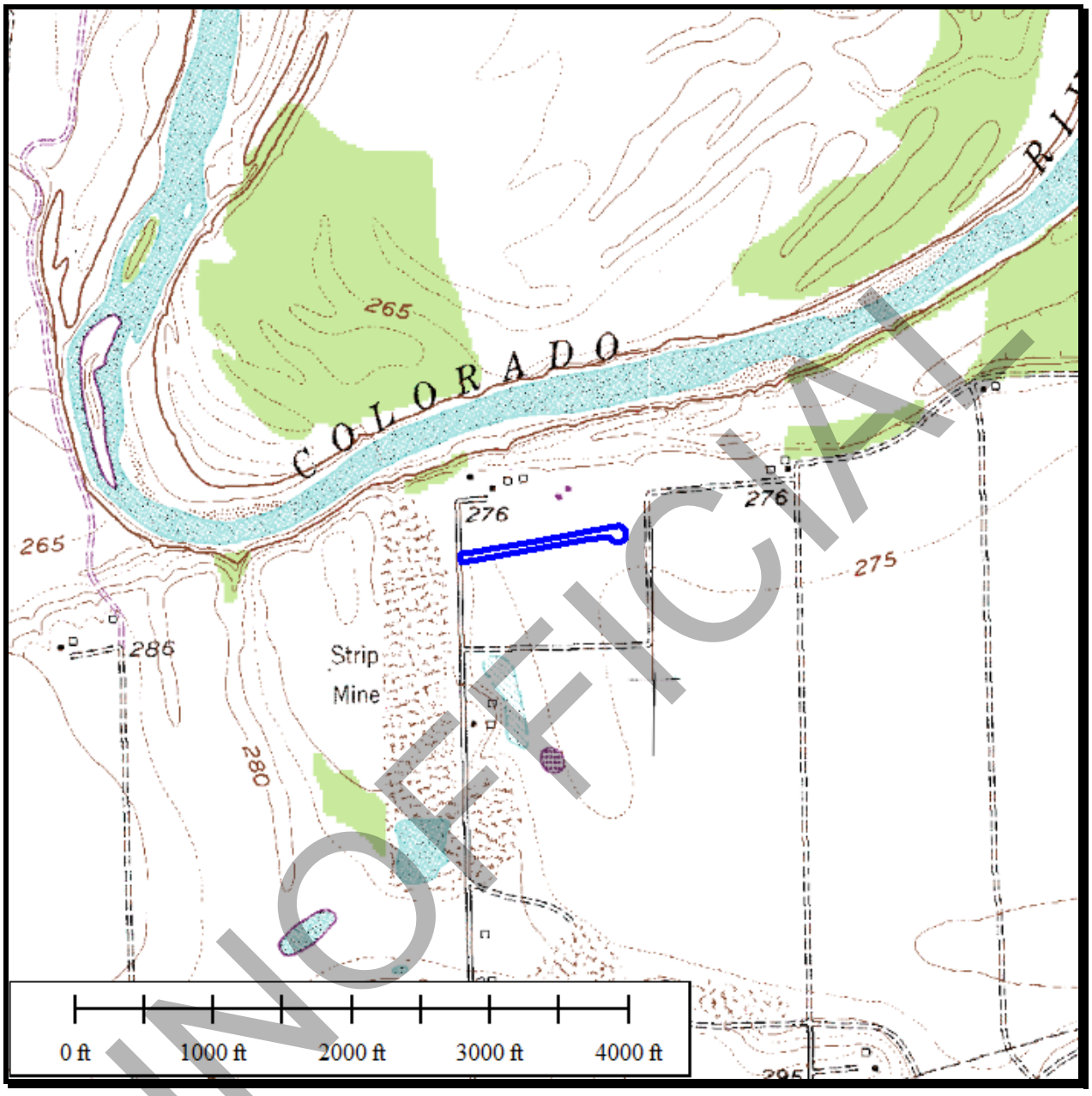
Source: TEXAS NATURAL RESOURCES INFORMATION SYSTEM
3.75-minute DOQQ. 1-meter ground resolution. apx. date 1995-6
(http://www.tnris.state.tx.us/digital.htm)



Approximate location of site in yellow
CAPCOG contours (2008) in orange
Fayette County parcels (2019) in black

Aerial Photograph of Site – 2018

Source: TEXAS NATURAL RESOURCES INFORMATION SYSTEM
Apx. Date - 2018
(https://tnris.org/)

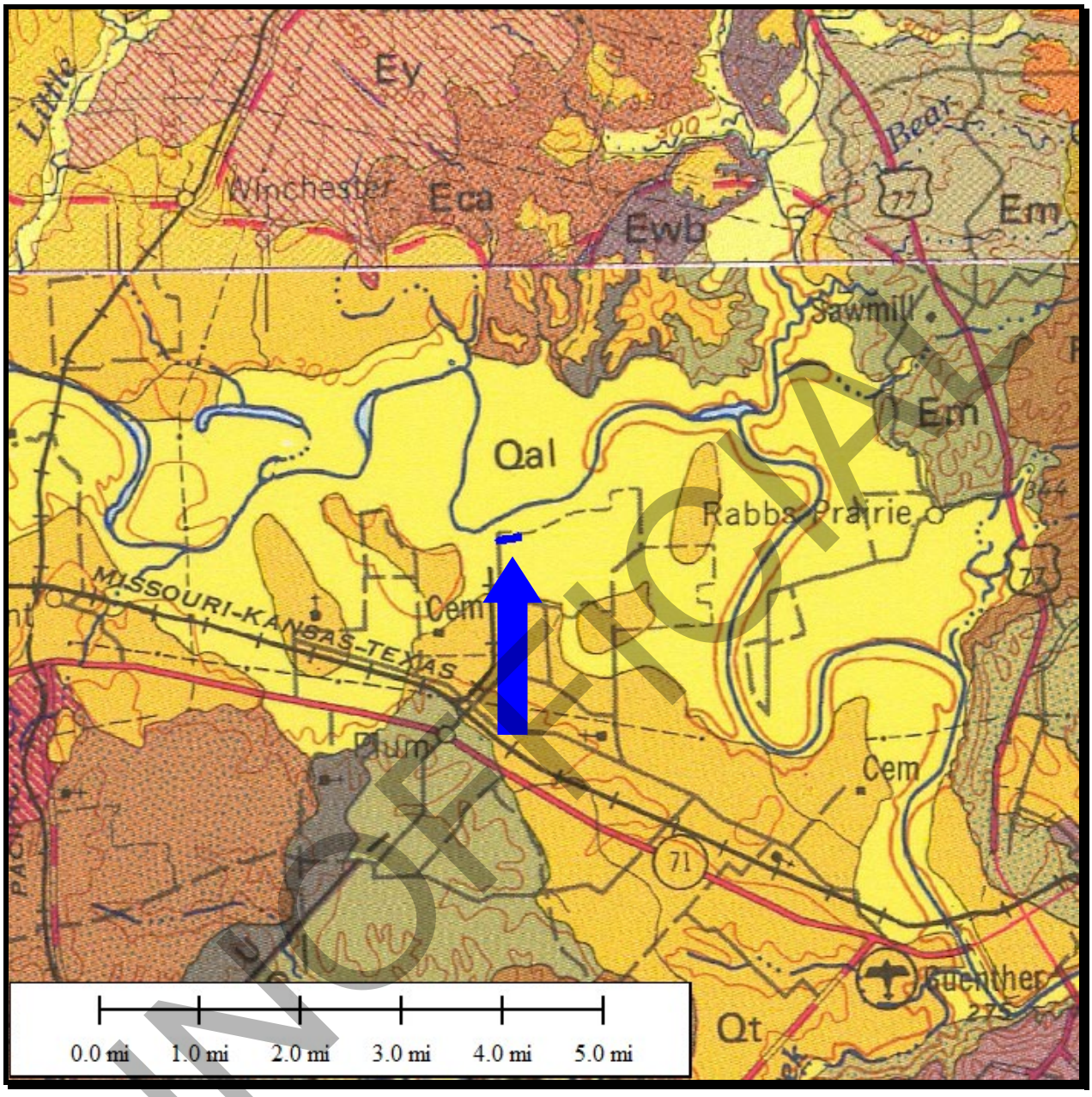


Approximate location of site in blue

U.S. 7.5 Minute Series Topographic Map
La Grange West Quadrangle, Texas
Contour Interval = 10 feet

Source: TEXAS NATURAL RESOURCES INFORMATION SYSTEM
(http://www.tnris.state.tx.us/digital.htm)

N



Approximate location of site in blue

Geologic Setting of Site
Geologic Atlas of Texas
Contour Interval = 50 feet

Original Source: Bureau of Economic Geology, The University of Texas at Austin, latest version
Digital Source: 15-minute Digital GAT Quads. TCEQ March 9, 2004

SCALE = N.T.S.

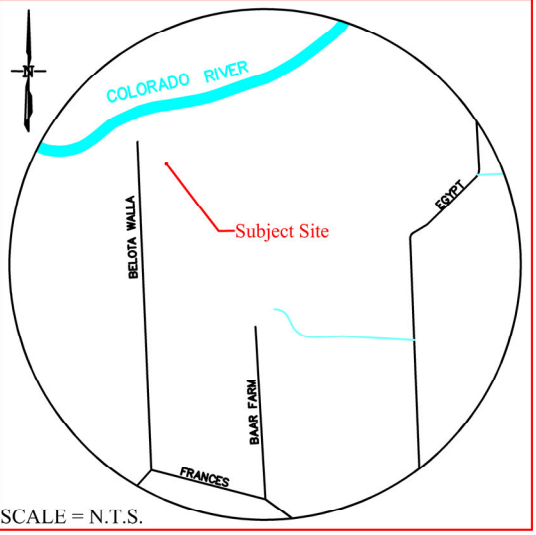
PLAN OF BORINGS

2340 Belota-Walla Road
Plum, Texas
Job. No.: 21101100.023
Client: Colorado Riverfront, LLC

LEGEND

B-#	Boring Number
⊕	Approx. Boring Location

VICINITY MAP



SCALE = N.T.S.

MLA Geotechnical

"put us to the test"

LOG OF BORING

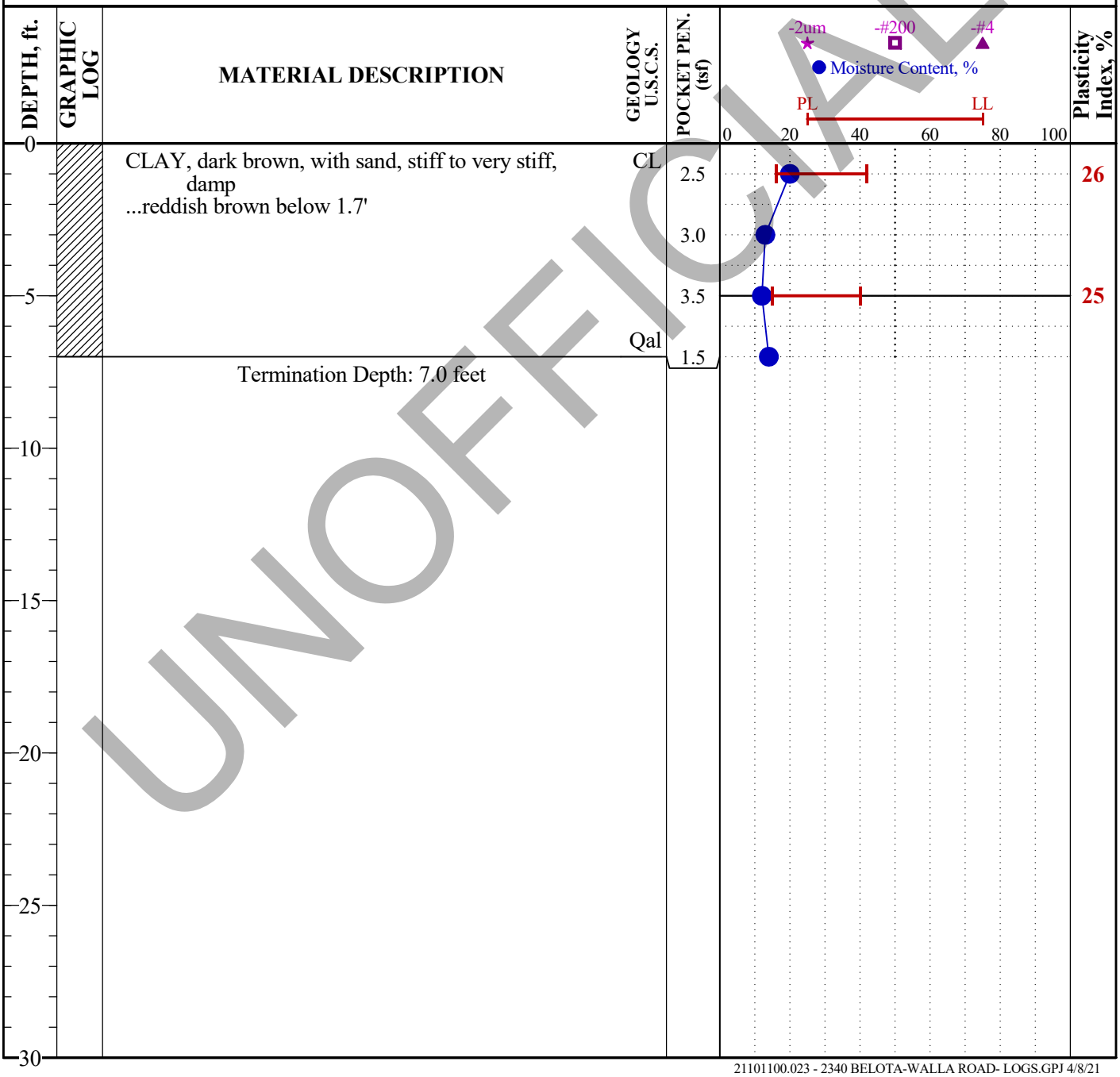
Boring B-1
PAGE 1 OF 1

Job Name: 2340 Belota-Walla Road
Job Location: Plum, Texas
Engineer's Job #: 21101100.023
Client: Colorado Riverfront, LLC

Drill Date: March 9, 2021
Hole Size: 4.5 in.
Ground Elevation: n/a

Ground Water Levels:
AT TIME OF DRILLING: ---
AT END OF DRILLING: ---
AFTER DRILLING: ---

Notes:



21101100.023 - 2340 BELOTA-WALLA ROAD- LOGS.GPJ 4/8/21

MLA Geotechnical

"put us to the test"

LOG OF BORING

Boring B-2
PAGE 1 OF 1

Job Name: 2340 Belota-Walla Road
Job Location: Plum, Texas
Engineer's Job #: 21101100.023
Client: Colorado Riverfront, LLC

Drill Date: March 9, 2021
Hole Size: 4.5 in.
Ground Elevation: n/a

Ground Water Levels:
AT TIME OF DRILLING: ---
AT END OF DRILLING: ---
AFTER DRILLING: ---

Notes:

DEPTH, ft.	GRAPHIC LOG	MATERIAL DESCRIPTION	GEOLOGY U.S.C.S.	POCKET PEN. (tsf)	-2um / -#200 / -#4 / Moisture Content, % / PL / LL (0 20 40 60 80 100)	Plasticity Index, %
0		CLAY, dark brown, with sand, very stiff, damp	CL	2.5		
		...reddish brown below 1.6'		3.0		
5				3.5		
			Qal	3.0		
		Termination Depth: 7.0 feet				
10						
15						
20						
25						
30						

MLA Geotechnical

"put us to the test"

LOG OF BORING

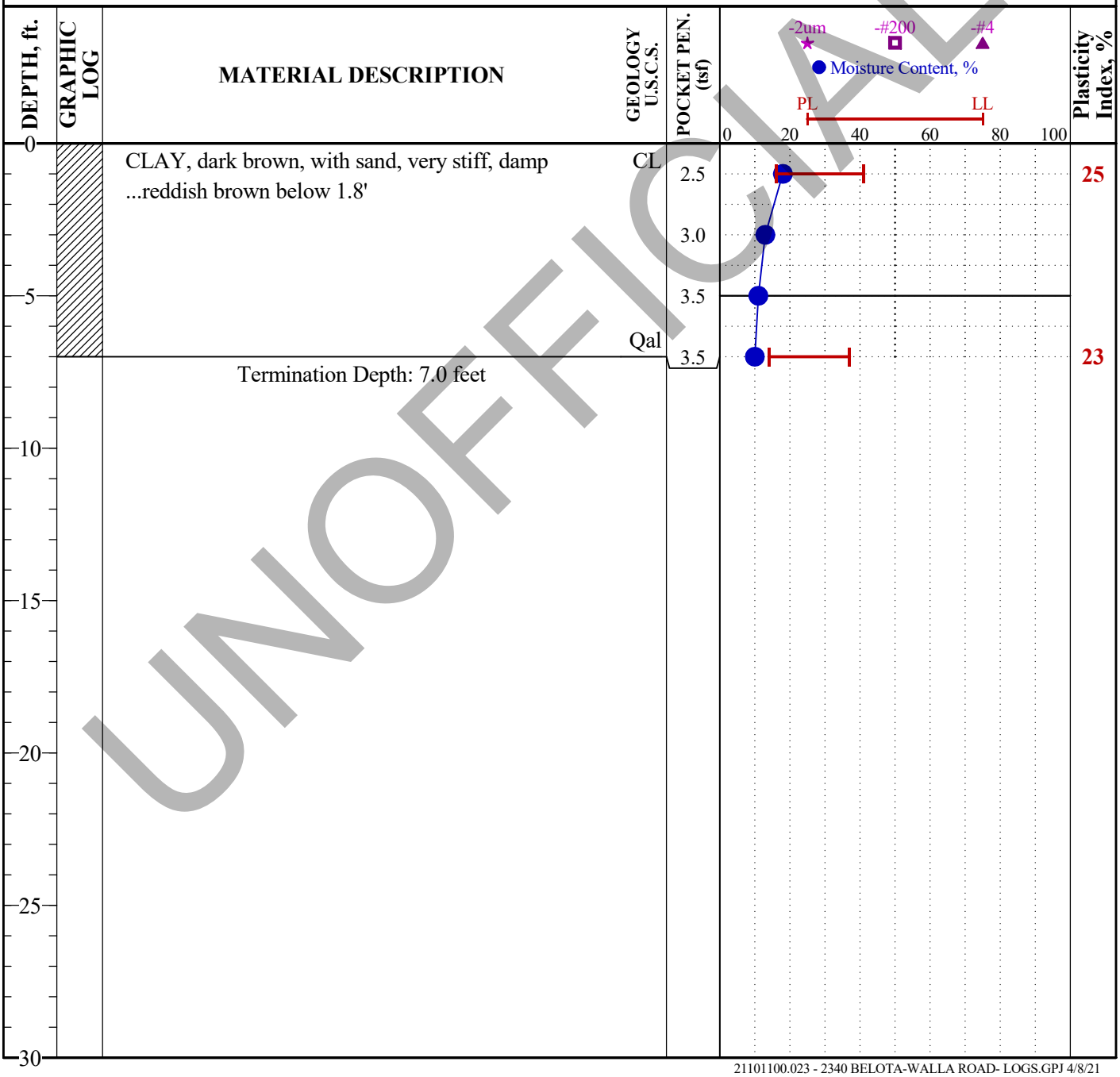
Boring B-3
PAGE 1 OF 1

Job Name: 2340 Belota-Walla Road
Job Location: Plum, Texas
Engineer's Job #: 21101100.023
Client: Colorado Riverfront, LLC

Drill Date: March 9, 2021
Hole Size: 4.5 in.
Ground Elevation: n/a

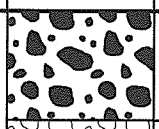
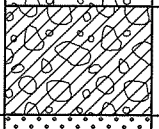
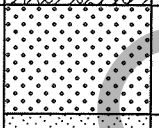
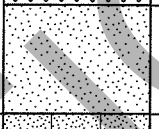
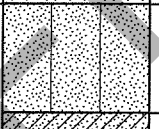
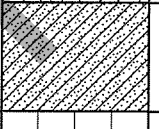
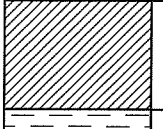
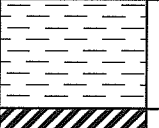
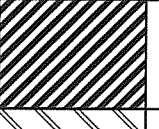
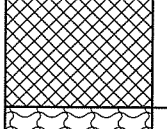
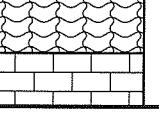
Ground Water Levels:
AT TIME OF DRILLING: ---
AT END OF DRILLING: ---
AFTER DRILLING: ---

Notes:



21101100.023 - 2340 BELOTA-WALLA ROAD- LOGS.GPJ 4/8/21

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	CLAYS	LIQUID LIMIT GREATER THAN 50		CH	INORGANIC CLAYS OF HIGH PLASTICITY
SOILS OF MODERATE PLASTICITY				CL-CH	LOW PI CLAYS WITH APPRECIABLE HIGH PI MOTTLING, CLAY WITH BORDERLINE CLASSIFICATION
OTHER MATERIALS				FILL	MATERIAL NOT NATURALLY DEPOSITED
				LS	WEATHERED LIMESTONE INTACT LIMESTONE

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

Key to Terms and Abbreviations

Descriptive Terms Characterizing Soils and Rock	Standard Description Abbreviations and Terms	Symbols and Abbreviations for Test Data
Argillaceous – having appreciable amounts of clay in the soil or rock mass. Used most often in describing limestones, occasionally sandstones. **Calcareous** – containing appreciable quantities of calcium carbonate. Can be either nodular or "powder." **Crumbly** – cohesive soils which break into small blocks or crumbs on drying. **Evaporite** – deposits of salts and other soluble compounds. Most commonly calcium carbonate or gypsum. May be in either "powder" or visible crystal form. **Ferruginous** – having deposits of iron or nodules, typically oxidized and dark red in color. **Ferrous –** see Ferruginous **Fissured** – containing shrinkage cracks frequently filled with fine sand or silt, usually more or less vertical. **Fossiliferous –** containing appreciable quantities of fossils, fossil fragments, or traces of fossils **Laminated** – composed of thin layers of varying color or texture. Layers are typically distinct and varying in composition from sand to silt and clay. **Mottled** – characterized as having multiple colors organized in a marbled pattern. **Slickensided** – having inclined planes of weakness that are slick and glossy in appearance. **Varved** – see Laminated.	brn = brown dk = dark lt = light wx = weathered calc = calcareous sw = severely weathered cw = completely weathered n/a = not available b. = below **Engineering Units** pcf = pounds per cubic foot psf = pounds per square foot tsf = tons per square foot pF = picofarad psi = pounds per square inch kips = thousand pounds (force) ksf = kips per square foot	LL = Liquid Limit PL = Plastic Limit PI = Plasticity Index (LL-PL) NP = non-plastic γ_d = dry unit weight q_u = unconfined compressive strength q_c = confined compressive strength SPT = standard penetration test TCP = Texas cone penetration test (Texas Highway Department) N or N_{SPT} = blows per foot from SPT N_{TCP} = blows per foot from TCP SCR = standard core recovery RQD = rock quality designation RQI = see RQD

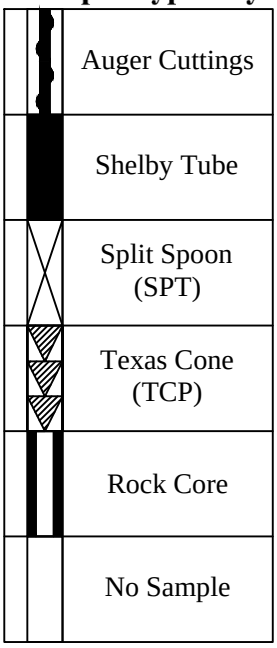
Terms Describing Consistency of Soil and Rock

COARSE GRAINED MATERIAL		SEDIMENTARY ROCK	
DESCRIPTIVE TERM	BLOWS/FT (SPT)	DESCRIPTIVE TERM	STRENGTH, TSF
very loose	0 – 4	soft	4 – 8
loose	4 – 10	medium	8 – 15
firm (medium)	10 – 30	hard	15 – 50
dense	30 – 50	very hard	over 50
very dense	over 50		

Describing Consistency of Fine Grained Soil

DESCRIPTIVE TERM	BLOWS/FT (SPT)	UNCONFINED COMPRESSION, TSF
very soft	< 2	< 0.25
soft	2 – 4	0.25 – 0.50
medium stiff	4 – 8	0.50 – 1.00
stiff	8 – 15	1.00 – 2.00
very stiff	15 – 30	2.00 – 4.00
hard	over 30	over 4.00

Sample Type Key



Revised: October 2018

APPENDIX B

STANDARD FIELD AND LABORATORY PROCEDURES

STANDARD FIELD AND LABORATORY PROCEDURES

STANDARD FIELD PROCEDURES

Drilling and Sampling

Borings and test pits are typically staked in the field by the drillers, using simple taping or pacing procedures and locations are assumed to be accurate to within several feet. Unless noted otherwise, ground surface elevations (GSE) when shown on logs are estimated from topographic maps and are assumed to be accurate to within a foot. A Plan of Borings or Plan of Test Pits showing the boring locations and the proposed structures is provided in the Appendix.

A log of each boring or pit is prepared as drilling and sampling progressed. In the laboratory, the driller's classification and description is reviewed by a Geotechnical Engineer. Individual logs of each boring or pit are provided in the Appendix. Descriptive terms and symbols used on the logs are in accordance with the Unified Soil Classification System (ASTM D-2487). A reference key is also provided. The stratification of the subsurface material represents the soil conditions at the actual boring locations, and variations may occur between borings. Lines of demarcation represent the approximate boundary between the different material types, but the transition may be gradual.

A truck-mounted rotary drill rig utilizing rotary wash drilling or continuous flight hollow or solid stem auger procedures is used to advance the borings, unless otherwise noted. A backhoe provided by others is used to place test pits. Test pits are advanced to the required depth, refusal (typically bedrock) or to the limits of the equipment. Samples of soil are obtained from the borings or test pit spoils for subsequent laboratory study. Samples are sealed in plastic bags and marked as to depth and boring/pit locations in the field. Cores are wrapped in a polyethylene wrap to preserve field moisture conditions, placed in core boxes and marked as to depth and core runs. Unless notified to the contrary, samples and cores will be stored for 90 days, then discarded.

Standard Penetration Test and Split-Barrel Sampling of Soils (ASTM D-1586) (SPT)

This sampling method consists of driving a 2 inch outside diameter split barrel sampler using a 140 pound hammer freely falling through a distance of 30 inches. The sampler is first seated 6 inches into the material to be sampled and then driven an additional 12 inches. The number of blows required to drive the sampler the final 12 inches is known as the Standard Penetration Resistance. The results of the SPT is recorded on the boring logs as "N" values.

Thin-Walled Tube Sampling of Soils (ASTM D-1587) (Shelby Tube Sampling)

This method consists of pushing thin walled steel tubes, usually 3 inches in diameter, into the soils to be sampled using hydraulic pressure or other means. Cohesive soils are usually sampled in this manner and relatively undisturbed samples are recovered.

Soil Investigation and Sampling by Auger Borings (ASTM D-1452)

This method consists of auguring a hole and removing representative soil samples from the auger flight or bit at intervals or with each change in the substrata. Disturbed samples are obtained and this method is, therefore, limited to situations where it is satisfactory to determine the approximate subsurface profile and obtain samples suitable for Index Property testing.

Diamond Core Drilling for Site Investigation (ASTM D-2113)

This method consists of advancing a hole into hard strata by rotating a single or double tube core barrel equipped with a cutting bit. Diamond, tungsten carbide, or other cutting agents may be used for the bit. Wash water or air is used to remove the cuttings and to cool the bit. Normally, a 3 inch outside diameter by 2-1/8 inch inside diameter coring bit is used unless otherwise noted. The rock or hard material recovered within the core barrel is examined in the field and in the laboratory and the cores are stored in partitioned boxes. The intactness of all rock core specimens is evaluated in two ways. The first method is the Standard Core Recovery (SCR) expressed as the length of the total core recovered divided by the length of the core run, expressed as a percentage:

$$SCR = \frac{\text{total core length recovered}}{\text{length of core run}} \times 100\%$$

This value is exhibited on the boring logs as the Standard Core Recovery (SCR).

The second procedure for evaluating the intactness of the rock cores is by Rock Quality Designation (RQD). The RQD provides an additional qualitative measure of soundness of the rock. This index is determined by measuring the intact recovered core unit which exceed four inches in length divided by the total length of the core run:

$$RQD = \frac{\text{all core lengths greater than 4”}}{\text{length of core run}} \times 100\%$$

The RQD is also expressed as a percentage and is shown on the boring logs.

Vane Shear Tests

In-situ vane shear tests may be used to determine the shear strength of soft to medium cohesive soil. This test consists of placing a four-bladed vane in the undisturbed soil and determining the torsional force applied at the ground surface required to cause the cylindrical perimeter surface of the vane to be sheared. The torsional force sufficient to cause shearing is converted to a unit of shearing resistance or cohesion of the soil surrounding the cylindrical surface.

THD Cone Penetrometer Test

The THD Cone Penetrometer Test is a standard field test to determine the relative density or consistency and load carrying capacity of foundation soils. This test is performed in much the same manner as the Standard Penetration Test described above. In this test, a 3 inch diameter penetrometer cone is used in place of a split-spoon sampler. This test calls for a 170-pound weight falling 24 inches. The actual test in hard materials consists of driving the penetrometer cone and accurately recording the inches of penetration for the first and second 50 blows for a total of 100 blows. These results are then correlated using a table of load capacity vs. number of inches penetrated per 100 blows.

Pocket Penetrometer Test

A pocket penetrometer or hand penetrometer is a small device used to estimate the shear capacity or unconfined compressive strength of a soil sample. The device consists of a spring-loaded probe which measures the pressure required to penetrate the probe into a soil sample for specified depth. This test can only be performed on cohesive soil samples. This pressure is reported in tons per square foot (tsf) on the Logs of Boring. A hyphen (-) indicates that the soil sample was too loose or too soft to perform the test. This test is considered rudimentary and too inaccurate to be used for direct design parameters; however, this test is useful for correlations among soil strata and general stiffness descriptions.

Ground Water Observation

Ground moisture observations are made during the operations and are reported on the logs of boring or pit. Moisture condition of cuttings are noted, however, the use of water for circulation precludes direct observation of wet conditions. Water levels after completing the borings or pits are noted. Seasonal variations, temperatures and recent rainfall conditions may influence the levels of the ground water table and water may be present in excavations, even though not indicated on the logs.

STANDARD LABORATORY PROCEDURES

To adequately characterize the subsurface material at this site, some or all of the following laboratory tests are performed. The results of the actual tests performed are shown graphically on the Logs of Boring or Pit.

Moisture Content - ASTM D-2216

Natural moisture contents of the samples (based on dry weight of soil) are determined for selected samples at depths shown on the respective boring logs. These moisture contents are useful in delineating the depth of the zone of moisture change and as a gauge of correlation between the various index properties and the engineering properties of the soil. For example, the relationship between the plasticity index and moisture content is a source of information for the correlation of shear strength data.

Dry Density - ASTM D-7263

The dry density, γ_d, (bulk density or unit weight) of the samples is determined for selected samples at depths shown on the respective boring logs using Method B of the aforementioned ASTM standard. The in-situ density was determined from undisturbed SPT samples and the dry density was calculated using moisture content results. These dry density values are useful for calculating other characteristic values such as porosity, void ratio, and mass composition of soil. Additionally, these values can also be used to assess the degree of compaction or consolidation of fill materials.

Atterberg Limits - ASTM D-4318

The Atterberg Limits are the moisture contents at the time the soil meets certain arbitrarily defined tests. At the moisture content defined as the plastic limit, Pw, the soil is assumed to change from a semi-solid state to a plastic state. By the addition of more moisture, the soil may be brought up to the moisture content defined as the liquid limit, Lw, or that point where the soil changes from a plastic state to a liquid state. A soil existing at a moisture content between these two previously described states is said to be in a plastic state. The difference between the liquid limit, Lw, and the plastic limit, Pw, is termed the plasticity index, Iw. As the plasticity index increases, the ability of a soil to attract water and remain in a plastic state increases. The Atterberg Limits that were determined are plotted on the appropriate log.

The Atterberg Limits are quite useful in soil exploration as an indexing parameter. Using the Atterberg Limits and grain size analysis, A. Casagrande developed the Unified Soils Classification System (USCS) which is widely used in the geotechnical engineering field. This system related the liquid limit to the plasticity index by dividing a classification chart into various zones according to degrees of plasticity of clays and silts. Although the Atterberg Limits are an indexing parameter, K. Terzaghi has related these limits to various engineering properties of a soil. Some of these relationships are as follows:

1. As the grain size of the soil decreases, the Atterberg Limits increase.
2. As the percent clay in the soil increases, the Atterberg Limits increase.
3. As the shear strength increases, the Atterberg Limits decrease.
4. As the compressibility of a soil increases, the Atterberg Limits increase.

Free Swell Test - ASTM D-4546-96

The free swell test assesses the potential for swell of soil. This value is useful for the design of various structures such as slab-on-ground foundations, piers and piles, and underground utilities. Method B of the aforementioned ASTM standard determines the amount of swell (vertical heave) of a sample. This is done by placing the sample in a consolidometer under a seating load equal to the overburden pressure and giving the sample free access to water. The height is measured and the swell is calculated as the vertical displacement divided by the original height of the specimen. The results of these tests are presented on the Logs of Boring at the depth of the samples tested.

Swell Pressure Test - ASTM D-4546-96

The swell pressure test assesses the potential for swell of soil. This value is useful for the design of various structures such as slab-on-ground foundations, piers and piles, and underground utilities. Method C of the aforementioned ASTM standard determines the pressure required to keep a soil sample at equilibrium under swelling conditions. This is done by placing the sample in a consolidometer under a seating load and giving the sample free access to water. A constant height of the sample is maintained and the vertical pressure on the sample is adjusted until equilibrium is reached. The vertical pressure on the sample at equilibrium is reported as the swell pressure. The results of these tests are presented on the Logs of Boring at the depth of the samples tested.

Soil Suction Test - ASTM D-5298-94

Soil suction (potential) tests are performed to determine both the matric and total suction values for the samples tested. Soil suction measures the free energy of the pore water in a soil. In a practical sense, soil suction is an indication of the affinity of a given soil sample to retain water. Soil suction provides useful information on a variety of characteristics of the soil that are affected by the soil water including volume change, deformation, and strength.

Soil suction tests are performed using the filter paper method per ASTM D-5298. Results of these tests are shown graphically on the logs of boring and tabulated in summary sheet of laboratory data.

For matric suction values found using this method, it should be noted that when the soil is in a dry state adequate contact between the filter paper and the soil may not be possible. This lack of contact may result in the determination of total suction instead of matric suction.

Triaxial Shear Test - ASTM D-2850-70

Triaxial tests may be performed on samples that are approximately 2.83 inches in diameter, unless a smaller diameter sample was necessary to achieve a more favorable length:diameter (L:D) ratio. A minimum length to diameter ratio (L:D) of 2.0 is maintained to reduce end effects.

The triaxial tests are typically unconsolidated-undrained using nitrogen gas for chamber confining pressure. Confining pressures are selected to conform to in-situ hydrostatic pressure considering the earth to be a fluid of 120 pcf. In this test, undisturbed Shelby tube samples are trimmed so that their ends are square and then pressed in a triaxial compression machine. The load at which failure occurs is the compressive strength. The results of the triaxial tests and the correlated hand penetrometer strengths can be utilized to develop soil shear strength values. These test provide the confined compressive strength, q_c, which are presented on the Logs of Boring at the depth of the samples tested.

Unconfined Compressive Strength of Rock Cores - ASTM D-2938

The unconfined compressive strength, q_u, is a valuable parameter useful in the design of foundation footings. This value, qu, is related to the shearing resistance of the rock and thus to the capacity of the rock to support a load. In completing this test it is imperative that the length:diameter ratio of the core specimens are maintained at a minimum of 2:1. This ratio is set so that the shear plane will not extend through either of the end caps. If the ratio is less than 2.0 a correction is applied to the result.

Grain Size Analysis - ASTM D-421 and D-422

Grain size analysis tests are performed to determine the particle size and distribution of the samples tested. The grain size distribution of the soils coarser than the Standard Number 200 sieve is determined by passing the sample through a standard set of nested sieves, and the distribution of sizes smaller than the No. 200 sieve is determined by a sedimentation process, using a hydrometer. The results are given on the log of Boring/Pit or on Grain Size Distribution semi-log graphs within the report.

Slake Durability Test - ASTM D-4644

The slake durability test provides an index for the durability of a shale, or similar rock, considering the effects of wetting, drying, and abrasion. This index is used to quantify the strength of weak rock formations when exposed to natural wetting and drying cycles, especially in the context of underground tunneling and excavation. The index, $I_d(2)$, represents the percentage, by mass, of rock material retained after two wetting and drying cycles. These cycles are simulated by oven drying the sample followed by ten minutes of tumbling and soaking in water within a drum and trough apparatus. After tumbling and soaking, the sample is oven-dried and the mass of the sample is recorded. The results of these tests are presented on the Logs of Boring at the depth of the samples tested.

Brazilian Tensile Strength - ASTM D-3967

The Brazilian (splitting) tensile strength, σ_t, is useful in rock mechanics design, especially in regard to tunneling. This value is an indirect representation of the true uniaxial tensile strength. The Brazilian test is typically used more commonly than direct tensile strength tests because it is less difficult, more cost effective, and more represented of in-situ conditions. The test is conducted by mechanically compressing a rock core sample along its vertical diameter, causing the sample to fail due to tension along the horizontal diameter caused by the Poisson effect.

CERCHAR Abrasivity Index (CAI) Test - ASTM D-7625

The CERCHAR Abrasivity Index (CAI) is used to determine the abrasivity of rocks. This is particularly useful in assessing the potential wearing on cutting tools during excavation. The CAI of a rock is determined by the CERCHAR test, which consists of scraping steel pins across a rock surface and measuring the wear of each pin. The rock specimen is held in a mechanical vice, while a conical steel pin fastened to a 15-pound head is drug across the face of the specimen using a lever being pulled 1 centimeter in 1 second. The CAI is calculated based on the resultant diameter on the end of the pin.

APPENDIX C

MFPS COMPUTER OUTPUT

```
MM     MM  FFFFFFFFF  PPPPPPPP     SSSSS      11
MMM   MMM  FFFFFFFFF  PPPPPPPPP   SSSSSSS    111
MMMM MMMM  FF         PP     PP  SS     SS  1111
MMMMMMMMM  FF         PP     PP  SS           11
MM MMM MM  FFFFFFF    PPPPPPPPP   SSSSSS      11
MM  M  MM  FFFFFFF    PPPPPPPP     SSSSSS     11
MM     MM  FF         PP                SS    11
MM     MM  FF         PP          SS    SS    11
MM     MM  FF         PP           SSSSSSS   111111
MM     MM  FF         PP            SSSSS    111111
```

MUNICIPAL FLEXIBLE PAVEMENT DESIGN SYSTEM
VERSION 1.0, SEPTEMBER 1983
MOVED TO MICROCOMPUTER OCTOBER 1985 (P.J.- BRE)

NOTICE --

THIS COMPUTER PROGRAM REPRESENTS AN ADAPTATION OF THE ORIGINAL TEXAS STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION FLEXIBLE PAVEMENT DESIGN SYSTEM (FPS-11) FOR THE DESIGN AND CONSIDERATION OF LIFE-CYCLE COSTS OF MUNICIPAL STREETS AND THOROUGHFARES IN AUSTIN, TEXAS. THIS PROGRAM WAS DEVELOPED BY ARE, INC (512/327-3520) FOR SOLE USE BY THE CITY OF AUSTIN. BECAUSE OF THE NATURE OF THE DEVELOPMENT OF THE MFPS-1 PROGRAM AND CERTAIN BUILT-IN REGIONAL FACTORS, USE BY ANY OTHER CITY OR AGENCY REQUIRES A THOROUGH UNDESTANDING OF THE PROGRAM OPERATION AND ITS INHERENT ASSUMPTIONS.

CAUTION IS RECOMMENDED IN APPLYING THIS FIRST VERSION OF THE MUNICIPAL FLEXIBLE PAVEMENT DESIGN SYSTEM. THE USER SHOULD ACCEPT ULTIMATE RESPONSIBILITY FOR THE ACCURACY OF THE INPUTS AND THE VALIDITY OF THE RESULTS.

MFPS-1 MUNICIPAL FLEXIBLE PAVEMENT DESIGN SYSTEM, VERSION 1.0, 8/83
ADAPTED FROM TEXAS SDHPT FPS-11 PROGRAM FOR CITY OF AUSTIN
BY ARE INC, CONSULTING ENGINEERS, AUSTIN, TEXAS

PROBLEM TITLE (DESCRIPTION)
21101100.023 - 2340 Belota-Walla Road, Rural Street

***** PAVEMENT *****

TOTAL NUMBER OF LANES IN FACILITY	2
TOTAL NUMBER OF CURBS IN FACILITY	2
NUMBER OF LAYERS CONSIDERED IN THIS PROBLEM	2
LANE WIDTH (FEET)	13.50
CURB HEIGHT (INCHES)	6.00
CONCRETE CURB CONSTRUCTION COST ($/LF)	5.50
THICKENED EDGE FIXED COST ($/LF)	.00
THICKENED EDGE INCREMENTAL COST ($/IN/LF)	.00

***** LAYER *****

LAYER NO.	LAYER CODE	LAYER DESCRIPTION	MIN. DEPTH (IN.)	MAX. DEPTH (IN.)	THICK. INCR. (IN.)	COST ($/CY)	COST ($/SY)	SALV. VALUE (%)	STIFF. COEF.
1	H	HMAC	.00	4.00	.50	84.00	.00	30.0	.960
2	F	FLEX. BASE	6.00	18.00	1.00	20.00	.00	20.0	.500

***** SUBGRADE *****

SWELLING PROBABILITY	1.00
SWELLING RATE CONSTANT	.12
POTENTIAL VERTICAL RISE (INCHES)	1.50
SUBGRADE EXCAVATION COST ($/CY)	7.50
SUBGRADE COST ($/SY)	.00
SUBGRADE STIFFNESS COEFFICIENT	.170

***** AC OVERLAY *****

MINIMUM AC OVERLAY THICKNESS (INCHES)	1.50
MAXIMUM ACCUMULATED OVERLAY THICKNESS (INCHES)	3.00
AVERAGE LEVEL-UP THICKNESS (INCHES)	.50
OVERLAY COST ($/CY)	55.00
OVERLAY COST ($/SY)	.00
OVERLAY SALVAGE VALUE (%)	30.00
AC OVERLAY STIFFNESS COEFFICIENT	.960
OVERLAY EDGE TAPERING COST ($/LF)	.00
OVERLAY EDGE MILLING COST ($/LF)	3.25
AC OVERLAY PRODUCTION RATE (CY/HR)	40.0

```
MFPS-1  MUNICIPAL FLEXIBLE PAVEMENT DESIGN SYSTEM, VERSION 1.0, 8/83
        ADAPTED FROM TEXAS SDHPT FPS-11 PROGRAM FOR CITY OF AUSTIN
        BY ARE INC, CONSULTING ENGINEERS, AUSTIN, TEXAS

PROBLEM        TITLE (DESCRIPTION)
21101100.023 - 2340 Belota-Walla Road, Rural Street

      *****  DESIGN CONSTRAINTS  *****

      CONFIDENCE LEVEL (%). . . . . .  90.00
      LENGTH OF ANALYSIS PERIOD (YEARS) . . . . . .  20.0
      MINIMUM TIME TO FIRST OVERLAY (YEARS) . . . . .  20.0
      MINIMUM TIME BETWEEN OVERLAYS (YEARS) . . . . .   5.0
      MAXIMUM THICKNESS OF INITIAL CONSTR. (INCHES) . .  22.00
      MAXIMUM FUNDS AVAILABLE FOR INITIAL CONSTR. ($) .  50.00
      DISCOUNT RATE (%) . . . . . .   5.00

      *****  PERFORMANCE  *****

      SERVICEABILITY INDEX AFTER INITIAL CONSTRUCTION .   4.20
      TERMINAL SERVICEABILITY INDEX . . . . . .   1.00
      SERVICEABILITY INDEX AFTER OVERLAY CONSTRUCTION .   4.00

      *****  MAINTENANCE  *****

      FIRST YEAR COST OF ROUTINE MAINTENANCE. . . . . .   .00
      ANNUAL INCREMENTAL INCREASE IN MAINTENANCE COST . 150.00

      *****  TRAFFIC  *****

      AVERAGE DAILY TRAFFIC GROWTH RATE (%) . . . . . .   3.00
      DIRECTIONAL DISTRIBUTION FACTOR (%) . . . . . .  50.00
      LANE DISTRIBUTION FACTOR (%). . . . . . 100.00
      PERCENT TRUCKS IN AVERAGE DAILY TRAFFIC . . . . .   2.00
      18-KIP EQUIVALENCY FACTOR FOR STD. CITY TRUCK . .    .40
      INITIAL ADT ON FACILITY (VPD) . . . . . .    100.

      *****  TRAFFIC DELAY  *****

      INDEX TO DETOUR MODEL . . . . . .  2
      NO. OF OPEN LANES THROUGH OVERLAY ZONE
           IN OVERLAY DIRECTION . . . . . .  1
           IN NON-OVERLAY DIRECTION . . . . . .  1
      AVERAGE APPROACH SPEED TO OVERLAY ZONE (MPH). . .    15.
      AVERAGE SPEED THROUGH OVERLAY ZONE (MPH)
           IN OVERLAY DIRECTION . . . . . .    15.
           IN NON-OVERLAY DIRECTION . . . . . .    15.
      DISTANCE OVER WHICH TRAFFIC IS SLOWED (MILES)
           IN OVERLAY DIRECTION . . . . . .    .20
           IN NON-OVERLAY DIRECTION . . . . . .    .20
      DETOUR DISTANCE (MILES) . . . . . .   1.00
      NO. OF HOURS PER DAY OVERLAY CONSTRUCTION OCCURS.   7.00
      ADT ARRIVING EACH HOUR OF CONSTRUCTION (%). . . .  14.00
```

MFPS-1 MUNICIPAL FLEXIBLE PAVEMENT DESIGN SYSTEM, VERSION 1.0, 8/83
ADAPTED FROM TEXAS SDHPT FPS-11 PROGRAM FOR CITY OF AUSTIN
BY ARE INC, CONSULTING ENGINEERS, AUSTIN, TEXAS

PROBLEM TITLE (DESCRIPTION)
21101100.023 - 2340 Belota-Walla Road, Rural Street

SUMMARY OF THE BEST DESIGN STRATEGIES
IN ORDER OF INCREASING TOTAL COST

	1	2	3	4
MATERIAL ARRANGEMENT	HF	HF	HF	H
SUBGRADE EXC. COST	1.67	1.56	1.46	.83
CURB CONSTR. COST	3.67	3.67	3.67	3.67
THICKENED EDGE COST	.00	.00	.00	.00
TAPERING COSTS	.00	.00	.00	.00
MILLING COSTS	.00	.00	.00	.00
INIT. CONST. COST	9.78	10.28	10.79	13.83
OVERLAY CONST. COST	.00	.00	.00	.00
USER COST	.00	.00	.00	.00
ROUTINE MAINT. COST	1.96	1.96	1.96	1.96
SALVAGE VALUE	-.34	-.43	-.52	-1.06
TOTAL COST	11.40	11.82	12.24	14.74
LAYER DEPTH (INCHES)				
D(1)	.00	.50	1.00	4.00
D(2)	8.00	7.00	6.00	.00
OVERLAY POLICY(INCH) (INCLUDING LEVEL-UP)				
PERF. TIME (YEARS)				
T(1)	22.03	21.79	21.59	20.50
SWELLING CLAY LOSS (SERVICEABILITY)				
SC(1)	.47	.47	.46	.46

THE TOTAL NUMBER OF FEASIBLE DESIGNS ENCOUNTERED WAS 115

12. SUBJECT: Consider and take appropriate action concerning the application from Judy Baker, requesting a variance to allow the division of their real property.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Clint Sternadel

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

Judy Baker
7230 Mach Rd
La Grange, TX 78945

Sirs, July 22, 2021

This letter will serve as notice that a variance has been **GRANTED** / **DENIED** from the Fayette County Subdivision Platting Requirements for the division of a 15.907 acre tract of land in the S.M. Williams League, Abstract A-112, Precinct #3, Fayette County, Texas.

The Parent Tract is to be divided as follows: Tract #1- 8.00 acres, Tract #2-7.907 acres,

1.) Any further development of either tract for residential or commercial purposes is subject to all existing permitting and regulatory codes concerning On Site Sewage Facility installation, the placement and drilling of water wells and the Flood Plain Ordinance.

_____

Joseph F. Weber
Fayette County Judge

FAYETTE COUNTY SUBDIVISION PLAT APPLICATION FACT SHEET

1) NAME OF SUBDIVIDER Judy Baker

ADDRESS 7230 Mach Rd

CITY La Grange STATE TX ZIP 78945

2) NAME OF COMPANY OR AGENCY Heart Lands Real Estate

OFFICE 979.968.3892 CELL 979.966-3296

3) WHEN WAS PROPERTY PURCHASED BY SUBDIVIDER? 1995

4) DESCRIPTION OF TRACT TO BE DIVIDED. LEAGUE OR SURVEY AND ABSTRACT
15.907 AC Samuel M. Williams LG #2 A-112

4a) FAYETTE COUNTY PRECINCT IN WHICH PROPERTY IS LOCATED.# 3 - ?

5) TOTAL NUMBER OF ACRES IN PARENT TRACT 15.907 (16±)

6) PROPOSED NUMBER OF TRACTS IN THE DIVISION 2

7) SIZE OF SMALLEST TRACT (IN ACRES) 8 Ac.

8) SIZE OF LARGEST TRACT IN (IN ACRES) ±8 Ac

9) WILL RURAL WATER BE AVAILABLE YES ✓ NO ___

10) IF YES, NAME OF WATER SUPPLY COMPANY F.C.W.S. Corp.

11) IS THE SUBDIVISION TO INCLUDE ANY ROADS CONSTRUCTED BY THE SUBDIVIDER? YES ___ NO ✓

12) WILL SAID ROADS BE DESIGNATED FOR PUBLIC ___ OR PRIVATE ___ USE?

13) HAS A PRELIMINARY PLAT BEEN INCLUDED WITH THIS APPLICATION?
YES ✓ NO ___

14) IS IT THE INTENT OF THE SUBDIVIDER TO PROVIDE ANY INFRASTRUCTURE AT ALL FOR THIS DIVISION? YES ___ NO ✓ IF YES, PROVIDE A DETAILED DESCRIPTION OF INTENT AND ATTACH TO THIS FORM.

15) ARE THERE ANY HISTORICALLY SIGNIFICANT SITES OR BUILDINGS ON THE PROPERTY THAT IS TO BE SUBDIVIDED? (ie: cemeteries, homes or other structures, Native American sites or mounds etc...) YES ___ NO ✓ IF YES PLEASE ATTACH A DESCRIPTION.

M. Cook - Heart Lands Real Estate — 7-1-2021

SIGNATURE OF SUBDIVIDER — DATE

Cont'd on page 2

16) WHAT IS THE PURPOSE OR INTENT OF THIS DIVISION?

FAMILY DIVISION OF PROPERTY____ COMMERCIAL DEVELOPMENT____

RESIDENTIAL DEVELOPMENT✓ OTHER____(DESCRIBE BELOW)

17) HAS A FLOOD PLAIN SURVEY BEEN DONE ON THIS PROPERTY TO DETERMINE THE TOTAL USABILITY OF THE SEPARATE TRACTS? YES____NO✓

18) IS THERE ANY INFRASTRUCTURE ALREADY PRESENT ON THE PROPERTY, SUCH AS OIL FIELD SITES, PIPELINES, ELECTRIC OR TELEPHONE LINES ETC...?
YES✓ NO___ IF YES PLEASE DESCRIBE BELOW>
Water, Electric, CVTV. on Road Front.

19) WHAT PERCENTAGE OF THE PROPERTY, IF ANY IS INVOLVED IN AGRICULTURE OR RANCHING? ____% OR NONE✓

20) DOES THE PARENT TRACT HOLD ANY TAX EXEMPT STATUS SUCH AS:
AGRICULTURAL____WILDLIFE___OTHER H.S. Tax NONE✓

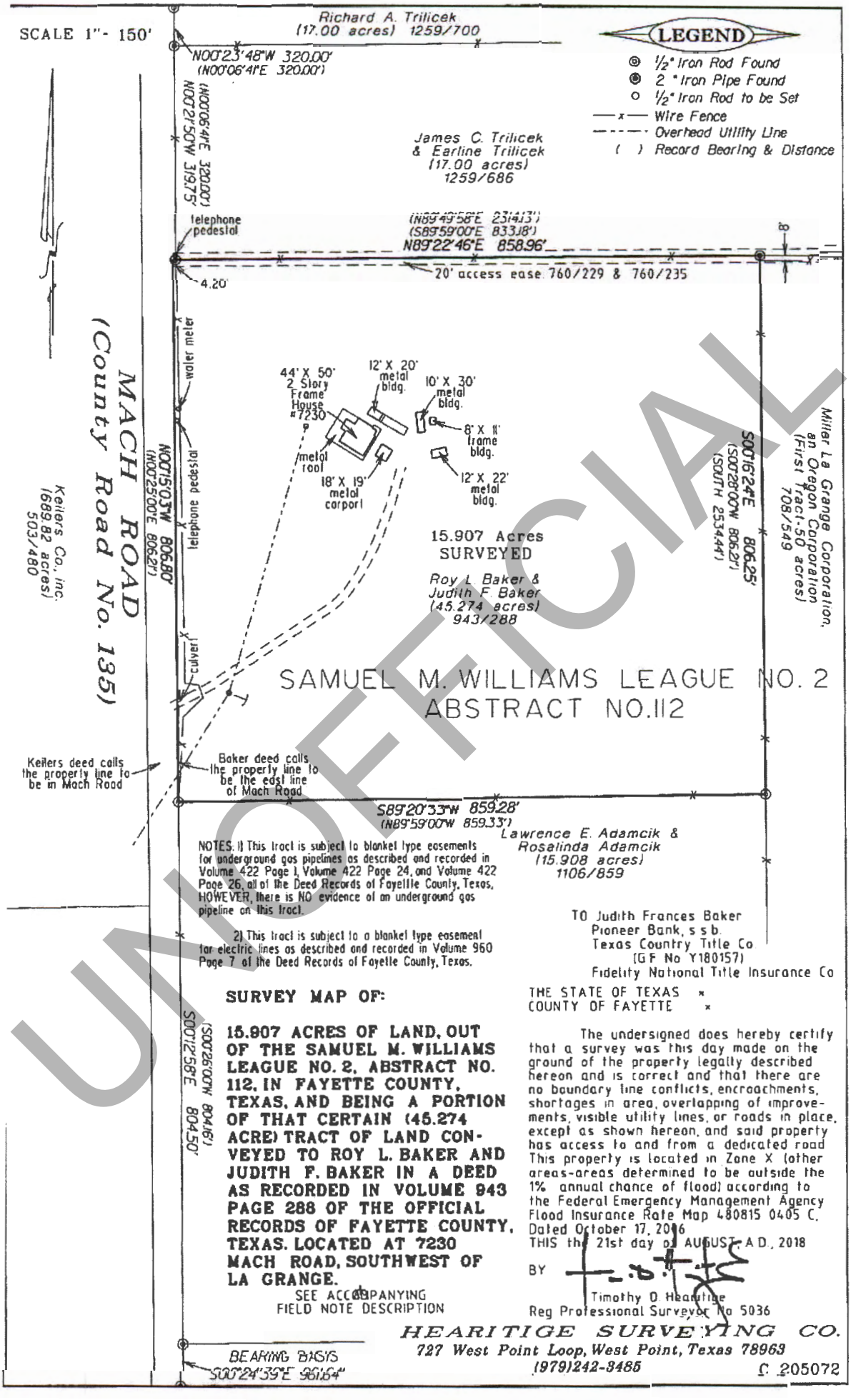
21) ARE THERE ANY ROADWAYS ON THE PROPERTY THAT ARE CURRENTLY IN USE? YES____NO✓

22) ARE THERE ANY DEED RESTRICTIONS THAT WILL BE RECORDED AS AN OFFICIAL PART OF THE DEED DOCUMENTS? YES____NO✓ IF YES PLEASE DESCRIBE BELOW.

23) IS THERE ANY OTHER INFORMATION THAT YOU FEEL MAY BE PERTINENT OR NECESSARY TO INCLUDE WITH THIS APPLICATION? YES____NO✓ IF YES PLEASE LIST BELOW.

M. Corder 7-1-2024

SIGNATURE OF SUBDIVIDER DATE



NOTES. 1) This tract is subject to blanket type easements for underground gas pipelines as described and recorded in Volume 422 Page 1, Volume 422 Page 24, and Volume 422 Page 26, all of the Deed Records of Fayette County, Texas, HOWEVER, there is NO evidence of an underground gas pipeline on this tract.

2) This tract is subject to a blanket type easemeal for electric lines as described and recorded in Volume 960 Page 7 of the Deed Records of Fayette County, Texas.

TO Judith Frances Baker
Pioneer Bank, s s b.
Texas Country Title Co
(G F No Y180157)
Fidelity National Title Insurance Co

SURVEY MAP OF:

15.907 ACRES OF LAND, OUT OF THE SAMUEL M. WILLIAMS LEAGUE NO. 2, ABSTRACT NO. 112, IN FAYETTE COUNTY, TEXAS, AND BEING A PORTION OF THAT CERTAIN (45.274 ACRE) TRACT OF LAND CONVEYED TO ROY L. BAKER AND JUDITH F. BAKER IN A DEED AS RECORDED IN VOLUME 943 PAGE 288 OF THE OFFICIAL RECORDS OF FAYETTE COUNTY, TEXAS. LOCATED AT 7230 MACH ROAD, SOUTHWEST OF LA GRANGE.

SEE ACCOMPANYING
FIELD NOTE DESCRIPTION

THE STATE OF TEXAS ×
COUNTY OF FAYETTE ×

The undersigned does hereby certify that a survey was this day made on the ground of the property legally described hereon and is correct and that there are no boundary line conflicts, encroachments, shortages in area, overlapping of improvements, visible utility lines, or roads in place, except as shown hereon, and said property has access to and from a dedicated road This property is located in Zone X (other areas-areas determined to be outside the 1% annual chance of flood) according to the Federal Emergency Management Agency Flood Insurance Rate Map 480815 0405 C, Dated October 17, 2006
THIS the 21st day of AUGUST, A.D., 2018

BY

Timothy D Heartige
Reg Professional Surveyor No 5036

HEARITIGE SURVEYING CO.
727 West Point Loop, West Point, Texas 78963
(979)242-8485

C 205072

13. SUBJECT: Consider and take appropriate action concerning the application from Ron Behrens, requesting a variance to allow the division of their real property.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Clint Sternadel

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

Ron Behrens
701 Bordovsky
La Grange, TX 78945

Sirs, July 22, 2021

This letter will serve as notice that a variance has been **GRANTED** / **DENIED** from the Fayette County Subdivision Platting Requirements for the division of a 40.21 acre tract of land in the J. Castleman League, Abstract A-031, Precinct #3, Fayette County, Texas.

The Parent Tract is to be divided as follows: Tract #1- 2.50 acres, Tract #2-37.71 acres,

1.) Any further development of either tract for residential or commercial purposes is subject to all existing permitting and regulatory codes concerning On Site Sewage Facility installation, the placement and drilling of water wells and the Flood Plain Ordinance.

_____

Joseph F. Weber
Fayette County Judge

FAYETTE COUNTY SUBDIVISION PLAT APPLICATION FACT SHEET

1) NAME OF SUBDIVIDER Ron Behrens

ADDRESS 701 Bordovsky Rd

CITY La Grange STATE Tx ZIP 78945

2) NAME OF COMPANY OR AGENCY _____

OFFICE _____ CELL _____

3) WHEN WAS PROPERTY PURCHASED BY SUBDIVIDER? 2007 ±

4) DESCRIPTION OF TRACT TO BE DIVIDED. LEAGUE OR SURVEY AND ABSTRACT
2½ acre as shown on Survey

4a) FAYETTE COUNTY PRECINCT IN WHICH PROPERTY IS LOCATED.# 3.

5) TOTAL NUMBER OF ACRES IN PARENT TRACT 40.21

6) PROPOSED NUMBER OF TRACTS IN THE DIVISION Original + one

7) SIZE OF SMALLEST TRACT (IN ACRES) 2.50

8) SIZE OF LARGEST TRACT IN (IN ACRES) _____

9) WILL RURAL WATER BE AVAILABLE YES ____ NO X

10) IF YES, NAME OF WATER SUPPLY COMPANY _____

11) IS THE SUBDIVISION TO INCLUDE ANY ROADS CONSTRUCTED BY THE SUBDIVIDER? YES ____ NO X

N/A 12) WILL SAID ROADS BE DESIGNATED FOR PUBLIC ____ OR PRIVATE ____ USE?

13) HAS A PRELIMINARY PLAT BEEN INCLUDED WITH THIS APPLICATION?
YES X NO ____

14) IS IT THE INTENT OF THE SUBDIVIDER TO PROVIDE ANY INFRASTRUCTURE AT ALL FOR THIS DIVISION? YES ____ NO ____ IF YES, PROVIDE A DETAILED DESCRIPTION OF INTENT AND ATTACH TO THIS FORM.

15) ARE THERE ANY HISTORICALLY SIGNIFICANT SITES OR BUILDINGS ON THE PROPERTY THAT IS TO BE SUBDIVIDED? (ie: cemeteries, homes or other structures, Native American sites or mounds etc...) YES ____ NO X IF YES PLEASE ATTACH A DESCRIPTION .

Ron Behrens _____ 7-5-21 _____
SIGNATURE OF SUBDIVIDER DATE

16) WHAT IS THE PURPOSE OR INTENT OF THIS DIVISION?

FAMILY DIVISION OF PROPERTY X COMMERCIAL DEVELOPMENT___

RESIDENTIAL DEVELOPMENT___ OTHER___(DESCRIBE BELOW)

17) HAS A FLOOD PLAIN SURVEY BEEN DONE ON THIS PROPERTY TO DETERMINE THE TOTAL USABILITY OF THE SEPARATE TRACTS? YES___NO___

18) IS THERE ANY INFRASTRUCTURE ALREADY PRESENT ON THE PROPERTY, SUCH AS OIL FIELD SITES, PIPELINES, ELECTRIC OR TELEPHONE LINES ETC...?
YES X NO___ IF YES PLEASE DESCRIBE BELOW>
2 mobile homes, septic, Electric,

19) WHAT PERCENTAGE OF THE PROPERTY, IF ANY IS INVOLVED IN AGRICULTURE OR RANCHING? ___% OR NONE X

20) DOES THE PARENT TRACT HOLD ANY TAX EXEMPT STATUS SUCH AS:
AGRICULTURAL ∝ WILDLIFE___OTHER_____NONE___

21) ARE THERE ANY ROADWAYS ON THE PROPERTY THAT ARE CURRENTLY IN USE? YES___NO ∝

22) ARE THERE ANY DEED RESTRICTIONS THAT WILL BE RECORDED AS AN OFFICIAL PART OF THE DEED DOCUMENTS? YES___NO ∝ IF YES PLEASE DESCRIBE BELOW.

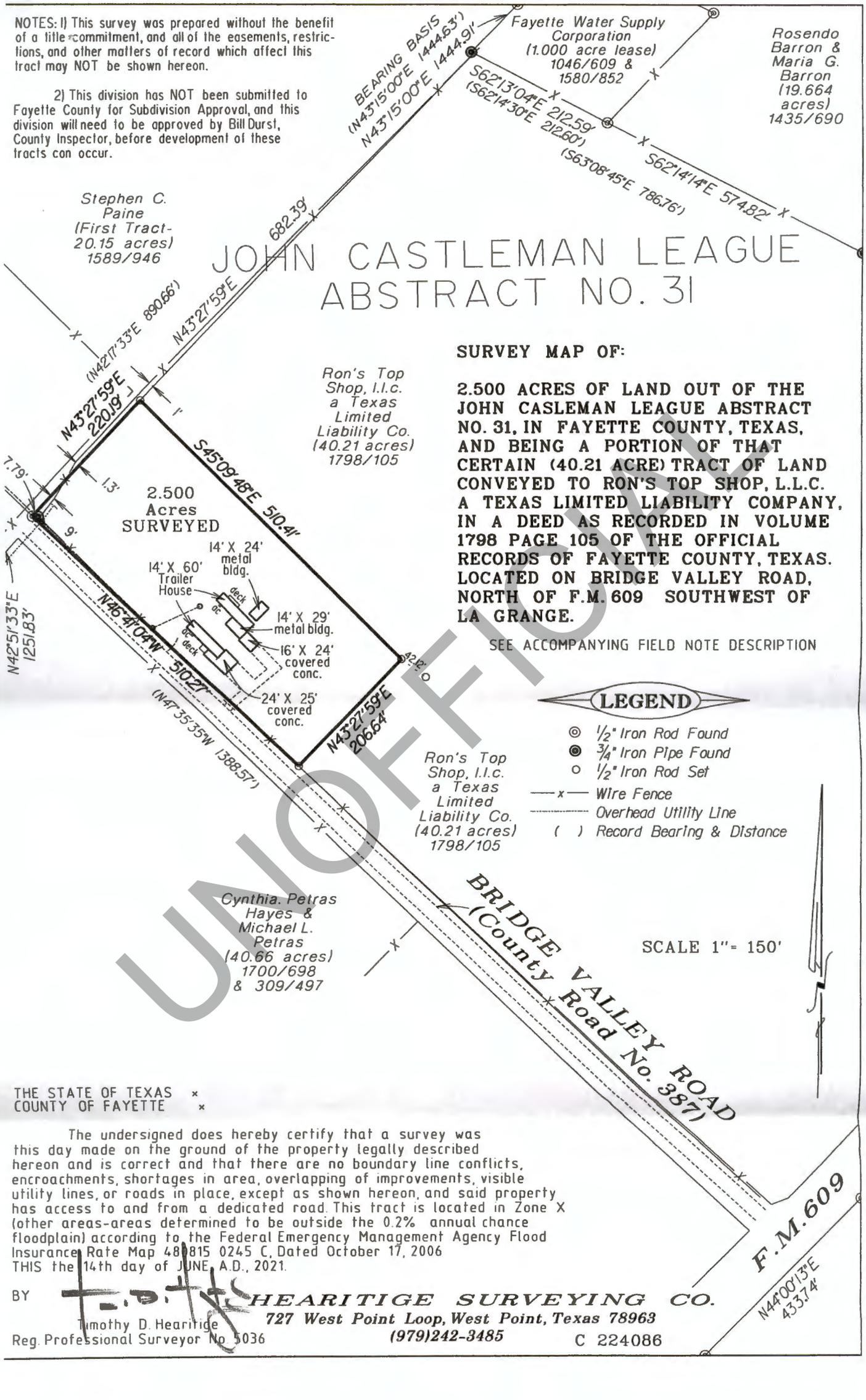
23) IS THERE ANY OTHER INFORMATION THAT YOU FEEL MAY BE PERTINENT OR NECESSARY TO INCLUDE WITH THIS APPLICATION? YES___NO___ IF YES PLEASE LIST BELOW.

Roy Beham 7-5-21

SIGNATURE OF SUBDIVIDER DATE

NOTES: 1) This survey was prepared without the benefit of a title commitment, and all of the easements, restrictions, and other matters of record which affect this tract may NOT be shown hereon.

2) This division has NOT been submitted to Fayette County for Subdivision Approval, and this division will need to be approved by Bill Durst, County Inspector, before development of these tracts can occur.



SURVEY MAP OF:

2.500 ACRES OF LAND OUT OF THE JOHN CASLEMAN LEAGUE ABSTRACT NO. 31, IN FAYETTE COUNTY, TEXAS, AND BEING A PORTION OF THAT CERTAIN (40.21 ACRE) TRACT OF LAND CONVEYED TO RON'S TOP SHOP, L.L.C. A TEXAS LIMITED LIABILITY COMPANY, IN A DEED AS RECORDED IN VOLUME 1798 PAGE 105 OF THE OFFICIAL RECORDS OF FAYETTE COUNTY, TEXAS. LOCATED ON BRIDGE VALLEY ROAD, NORTH OF F.M. 609 SOUTHWEST OF LA GRANGE.

SEE ACCOMPANYING FIELD NOTE DESCRIPTION

LEGEND

- ◎ 1/2" Iron Rod Found
- ◉ 3/4" Iron Pipe Found
- o 1/2" Iron Rod Set
- —x— Wire Fence
- ..... Overhead Utility Line
- ( ) Record Bearing & Distance

SCALE 1"= 150'

THE STATE OF TEXAS ×
COUNTY OF FAYETTE ×

The undersigned does hereby certify that a survey was this day made on the ground of the property legally described hereon and is correct and that there are no boundary line conflicts, encroachments, shortages in area, overlapping of improvements, visible utility lines, or roads in place, except as shown hereon, and said property has access to and from a dedicated road. This tract is located in Zone X (other areas-areas determined to be outside the 0.2% annual chance floodplain) according to the Federal Emergency Management Agency Flood Insurance Rate Map 480815 0245 C, Dated October 17, 2006
THIS the 14th day of JUNE, A.D., 2021.

BY T.D. Hearitige

Timothy D. Hearitige
Reg. Professional Surveyor No. 5036

HEARITIGE SURVEYING CO.
727 West Point Loop, West Point, Texas 78963
(979)242-3485
C 224086

HEARITIGE SURVEYING, CO.

TIM. D. HEARITIGE
27 West Point Loop
Vest Point, Texas 78963

Registered Professional Land Surveyor No. 5036
Licenced State Land Surveyor
Phone (979)242-3485

June 21, 2021

FIELD NOTE DESCRIPTION OF 2.500 ACRES OF LAND OUT OF THE JOHN CASLEMAN LEAGUE ABSTRACT NO. 31, IN FAYETTE COUNTY, TEXAS, AND BEING A PORTION OF THAT CERTAIN (40.21 ACRE) TRACT OF LAND CONVEYED TO RON'S TOP SHOP, L.L.C. A TEXAS LIMITED LIABILITY COMPANY, IN A DEED AS RECORDED IN VOLUME 1798 PAGE 105 OF THE OFFICIAL RECORDS OF FAYETTE COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING at a ½" iron rod found at the intersection of the northeasterly and northwesterly right-of-way lines of BridgeValley Road (County Road No. 387), and being at the most westerly corner of that certain (40.21 acre) tract of land conveyed to Ron's Top Shop, l.l.c., a Texas Limited Liability Company in a deed as recorded in Volume 1798 Page 105 of the Official Records of Fayette County, Texas, and also being at the most southerly corner of that certain (First Tract-20.15 acre) tract of land conveyed to Stephen C. Paine, in a deed as recorded in Volume 1589 Page 946, of the Records of Fayette County, Texas, and being for the most westerly corner of the tract, herein described,

THENCE, leaving the right-of-way lines of Bridge Valley Road, and with the common line between the Ron's tract and the Paine tract, **N 43 deg. 27' 59" E 220.19 feet**, to a ½" iron rod set for the most northerly corner of this tract, and from which a 3/4" iron pipe found bears **N 43 deg. 27' 59" E 682.39 feet**,

THENCE, leaving the common line between the Ron's tract, and the Paine tract, **S 45 deg. 09' 48" E 510.41 feet**, to a ½" iron rod set in the interior of the Ron's tract, being for the most easterly corner of this tract,

THENCE, **S 43 deg. 27' 59" W 206.64 feet** to a ½" iron rod set in the northeasterly right-of-way line of Bridge Valley Road, being the southwesterly line of the Ron's tract, and being for the most southerly corner of t his tract,

THENCE, with the northeasterly right-of-way line of Bridge Valley Road, being the southwesterly line of the Ron's tract, **N 46 deg. 41' 04" W 510.27 feet**, to the **PLACE OF BEGINNING**, in all containing **2.500 acres** of land.

SURVEYED: June 14, 2021

BY: T.D. Hearitige

STATE OF TEXAS REGISTERED TIMOTHY D. HEARITIGE 5036 PROFESSIONAL LAND SURVEYOR

Timothy D. Hearitige
Registered Professional Land Surveyor No. 5036

see accompanying map no. C 224086

14. SUBJECT: Consider and take appropriate action concerning the application from Michael & Robin Murphy, requesting a variance to allow the division of their real property.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Clint Sternadel

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

Michael & Robin Murphy
1618 W SH 71
La Grange, TX 78945

Sirs, July 22, 2021

This letter will serve as notice that a variance has been **GRANTED** / **DENIED** from the Fayette County Subdivision Platting Requirements for the division of a 13.372 acre tract of land in the R. Fischer Survey, Abstract A-181, Precinct #1, Fayette County, Texas.

The Parent Tract is to be divided as follows: Tract #1- 2.50 acres, Tract #2-2.50 acres, Tract #3- 8.372

1.) Any further development of either tract for residential or commercial purposes is subject to all existing permitting and regulatory codes concerning On Site Sewage Facility installation, the placement and drilling of water wells and the Flood Plain Ordinance.

_____

Joseph F. Weber
Fayette County Judge

FAYETTE COUNTY SUBDIVISION PLAT APPLICATION FACT SHEET

1) NAME OF SUBDIVIDER Micheal K + Robin E. Murphy

ADDRESS 1618 w State Hiway 71, #231

CITY La Grange STATE Tx ZIP 78945

2) NAME OF COMPANY OR AGENCY _____

OFFICE _____ CELL 2102685208

3) WHEN WAS PROPERTY PURCHASED BY SUBDIVIDER? April 2021

4) DESCRIPTION OF TRACT TO BE DIVIDED. LEAGUE OR SURVEY AND ABSTRACT
13.372 acres, Rueben Fisher Survey, Abstract 181
property address - 600 E Loop 543, West Point, Tx 78963

4a) FAYETTE COUNTY PRECINCT IN WHICH PROPERTY IS LOCATED.# 1

5) TOTAL NUMBER OF ACRES IN PARENT TRACT 13.372

6) PROPOSED NUMBER OF TRACTS IN THE DIVISION 2, 2.5 acres each

7) SIZE OF SMALLEST TRACT (IN ACRES) 2.5 acs

8) SIZE OF LARGEST TRACT IN (IN ACRES) 2.5 acs.

9) WILL RURAL WATER BE AVAILABLE YES ✓ NO ____

10) IF YES, NAME OF WATER SUPPLY COMPANY Fayette Water Supply

11) IS THE SUBDIVISION TO INCLUDE ANY ROADS CONSTRUCTED BY THE SUBDIVIDER? YES ____ NO ✓

12) WILL SAID ROADS BE DESIGNATED FOR PUBLIC ____ OR PRIVATE ____ USE?

13) HAS A PRELIMINARY PLAT BEEN INCLUDED WITH THIS APPLICATION?
YES ✓ NO ____

14) IS IT THE INTENT OF THE SUBDIVIDER TO PROVIDE ANY INFRASTRUCTURE AT ALL FOR THIS DIVISION? YES ____ NO ✓ IF YES, PROVIDE A DETAILED DESCRIPTION OF INTENT AND ATTACH TO THIS FORM.

15) ARE THERE ANY HISTORICALLY SIGNIFICANT SITES OR BUILDINGS ON THE PROPERTY THAT IS TO BE SUBDIVIDED? (ie: cemeteries, homes or other structures, Native American sites or mounds etc...) YES ____ NO ✓ IF YES PLEASE ATTACH A DESCRIPTION .

Micheal K Murphy — 7/9/21

SIGNATURE OF SUBDIVIDER — DATE

FAYETTE COUNTY SUBDIVISION PLAT APPLICATION FACT SHEET PAGE 2

16) WHAT IS THE PURPOSE OR INTENT OF THIS DIVISION?

FAMILY DIVISION OF PROPERTY____ COMMERCIAL DEVELOPMENT____

RESIDENTIAL DEVELOPMENT ✓ OTHER____(DESCRIBE BELOW)

17) HAS A FLOOD PLAIN SURVEY BEEN DONE ON THIS PROPERTY TO DETERMINE THE TOTAL USABILITY OF THE SEPARATE TRACTS? YES____NO____

18) IS THERE ANY INFRASTRUCTURE ALREADY PRESENT ON THE PROPERTY, SUCH AS OIL FIELD SITES, PIPELINES, ELECTRIC OR TELEPHONE LINES ETC...?
YES___ NO___ IF YES PLEASE DESCRIBE BELOW>

19) WHAT PERCENTAGE OF THE PROPERTY, IF ANY IS INVOLVED IN AGRICULTURE OR RANCHING? ____% OR NONE____

20) DOES THE PARENT TRACT HOLD ANY TAX EXEMPT STATUS SUCH AS:
AGRICULTURAL____WILDLIFE____OTHER_____NONE___

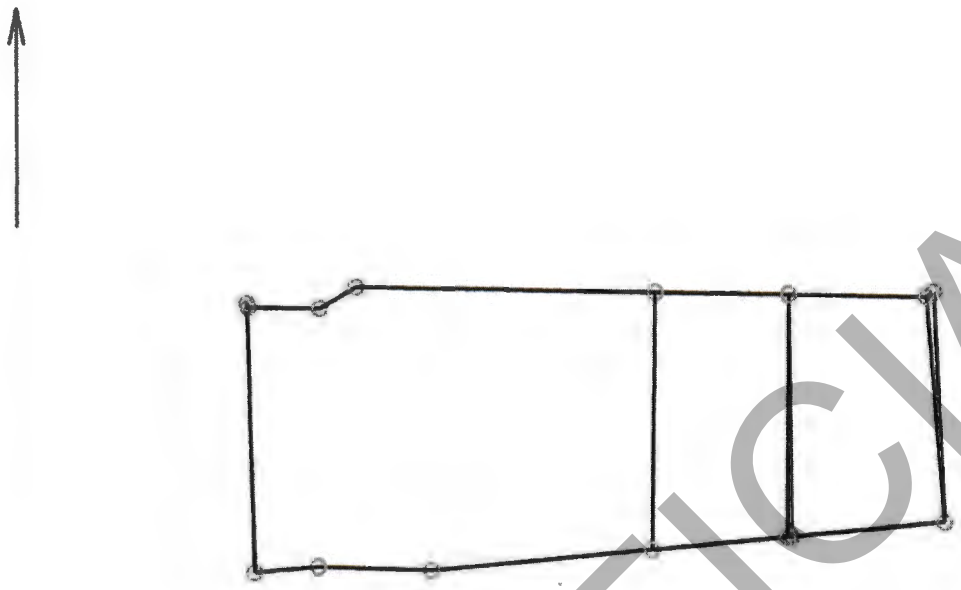
21) ARE THERE ANY ROADWAYS ON THE PROPERTY THAT ARE CURRENTLY IN USE? YES____NO____

22) ARE THERE ANY DEED RESTRICTIONS THAT WILL BE RECORDED AS AN OFFICIAL PART OF THE DEED DOCUMENTS? YES ✓ NO____ IF YES PLEASE DESCRIBE BELOW.
no mobile homes
1 animal per 3 acres

23) IS THERE ANY OTHER INFORMATION THAT YOU FEEL MAY BE PERTINENT OR NECESSARY TO INCLUDE WITH THIS APPLICATION? YES____NO___ IF YES PLEASE LIST BELOW.

Michael K Conroy Ty
SIGNATURE OF SUBDIVIDER

7/9/21
DATE



3/19/2021

Scale: 1 inch= 330 feet | File: 13 ac plat.ndp

Tract 1: 13.3082 Acres, Closure: s18.1101e 8.03 ft. (1/422), Perimeter=3390 ft.
Tract 2: 2.5325 Acres (110318 Sq. Feet), Closure: n00.0000e 0.00 ft. (1/380540), Perimeter=1368 ft.
Tract 3: 2.5029 Acres (109025 Sq. Feet), Closure: s31.4224e 0.01 ft. (1/205893), Perimeter=1386 ft.

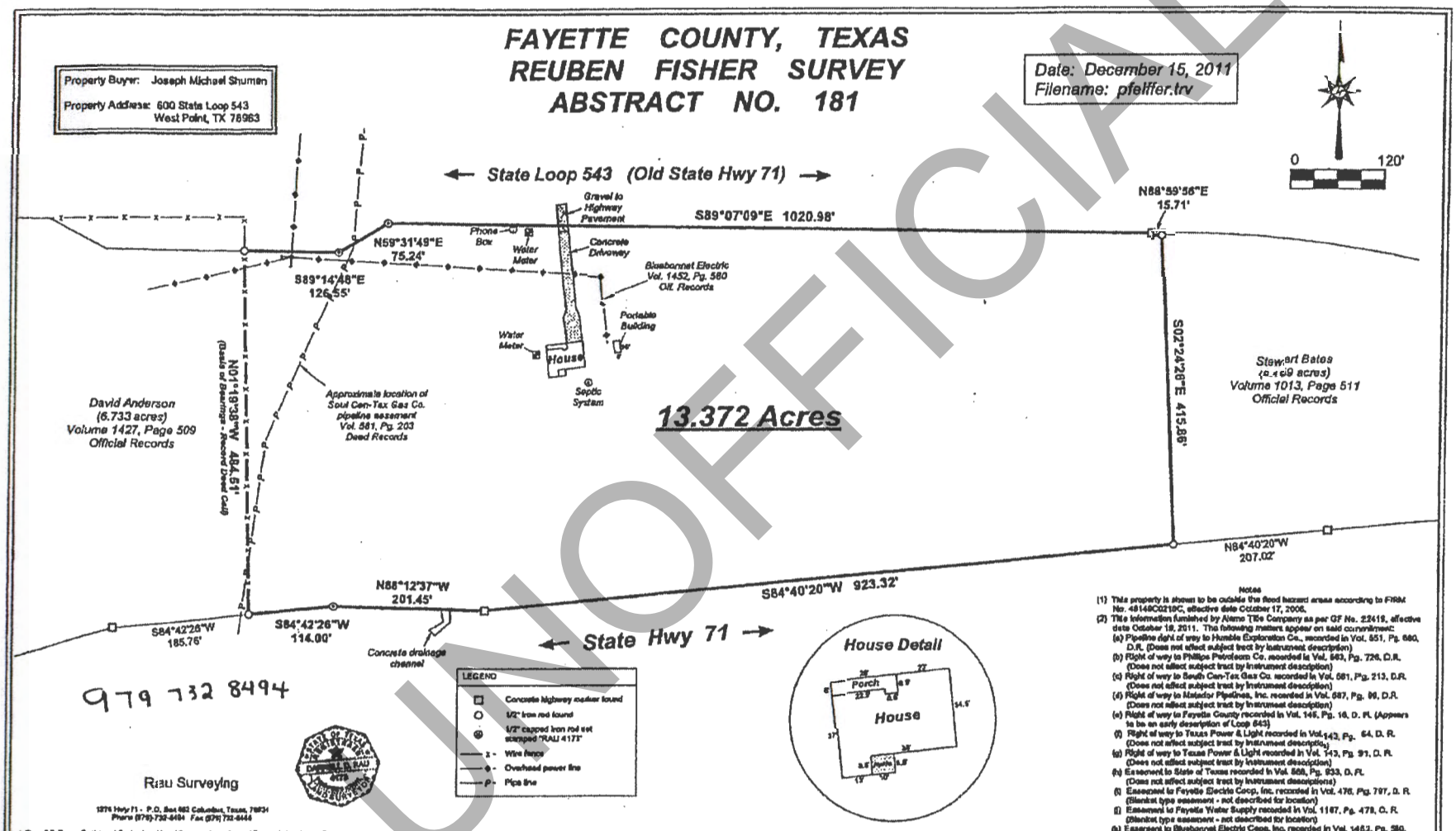
01 s89.1448e 126.55
02 n59.3149e 75.24
03 s89.0709e 1026.98
04 n56.5956e 15.71
05 s02.2425e 415.86
06 s84.4020w 929.32
07 n88.1237w 201.45
08 s84.4226w 114
09 n01.1938w 484.51
10 @0 MouseTract
11 e1218.25 n20.70
12 n89.0709w 247.88
13 s00.3114e 436.37
14 n84.4020e 275.72
15 n04.1821w 408.09
16 @0 MouseTract
17 e970.34 n24.51
18 n89.0709w 240.65
19 s00.4932w 463.53
20 n84.4020e 244.92
21 n00.2701e 437.06

FAYETTE COUNTY, TEXAS
REUBEN FISHER SURVEY
ABSTRACT NO. 181

Property Buyer: Joseph Michael Shumen

Property Address: 600 State Loop 543
West Point, TX 78963

Date: December 15, 2011
Filename: pfeiffer.trv



LEGEND

- Concrete highway marker found
- 1/2" iron rod found
- 1/2" capped iron rod set stamped "RAU 4173"
- x - Wire fence
- o - Overhead power line
- P - Pipe line

979 732 8494

Rau Surveying

1376 Hwy 71 - P.O. Box 462 Columbus, Texas, 78934
Phone (979) 732-8494 Fax (979) 732-8444

I, Darrell D. Rau, a Registered Professional Land Surveyor in the State of Texas, do hereby certify that this survey was this day made on the ground, under my supervision, of the property described hereon.

Darrell D. Rau, Registration No. 4173

Survey Plat of a 13.372 acre tract of land situated in Reuben Fisher Survey, Abstract No. 181, Fayette County, Texas, and being all of that same land described as 13.374 acres in Deed dated October 3, 2002, from Richard G. Cernosek, et al, to Bennie Pfeiffer, Jr., recorded in Volume 1189, Page 65, Fayette County Official Records.

Notes

(1) This property is shown to be outside the flood hazard areas according to FIRM No. 48149C0210C, effective date October 17, 2006.
(2) Title information furnished by Alamo Title Company as per GF No. 22419, effective date October 18, 2011. The following matters appear on said commitment:
(a) Pipeline right of way to Humble Exploration Co., recorded in Vol. 551, Pg. 680, D.R. (Does not affect subject tract by instrument description)
(b) Right of way to Phillips Petroleum Co. recorded in Vol. 563, Pg. 726, D.R. (Does not affect subject tract by instrument description)
(c) Right of way to South Cen-Tex Gas Co. recorded in Vol. 561, Pg. 213, D.R. (Does not affect subject tract by instrument description)
(d) Right of way to Matador Pipelines, Inc. recorded in Vol. 587, Pg. 96, D.R. (Does not affect subject tract by instrument description)
(e) Right of way to Fayette County recorded in Vol. 146, Pg. 16, D. R. (Appears to be an early description of Loop 543)
(f) Right of way to Texas Power & Light recorded in Vol. 143, Pg. 64, D. R. (Does not affect subject tract by instrument description)
(g) Right of way to Texas Power & Light recorded in Vol. 143, Pg. 91, D. R. (Does not affect subject tract by instrument description)
(h) Easement to State of Texas recorded in Vol. 568, Pg. 933, D. R. (Does not affect subject tract by instrument description)
(i) Easement to Fayette Electric Coop, Inc. recorded in Vol. 476, Pg. 797, D. R. (Blanket type easement - not described for location)
(j) Easement to Fayette Water Supply recorded in Vol. 1187, Pg. 478, O. R. (Blanket type easement - not described for location)
(k) Easement to Bluebonnet Electric Coop, Inc. recorded in Vol. 1452, Pg. 580, O. R. (As shown and noted on this survey plat)
(3) This survey was completed without the benefit of an abstract of title.
(4) This property is subject to the rights of the public to any area located within a public roadway, street, or alley.
(5) Property description to accompany this plat.
(6) This survey is valid for this transaction only.

Traverse PC

STATE OF TEXAS

COUNTY OF FAYETTE

Land Description
13.372 Acres

BEING a tract or parcel containing 13.372 acres of land situated in the Reuben Fisher Survey, Abstract No. 181, Fayette County, Texas, and being that same land described as 13.374 acres in Deed dated October 3, 2002, from Richard G. Cernosek, et al, to Bennie Pfeiffer, Jr., recorded in Volume 1189, Page 65, Fayette County Official Records. Said 13.372 acre tract being more particularly described by metes and bounds as follows:

BEGINNING at a ½" iron rod found for the Northwest corner of the original 13.374 acre tract and the Northwest corner of the herein described 13.372 acre tract, located on the South line of State Loop 543 (Old Highway 71), said iron rod also being the Northeast corner of the David Anderson 6.733 acre tract described in Volume 1427, Page 509, Official Records;

THENCE along the South line of State Loop 543, the following calls:

- S 89° 14' 48" E a distance of 126.55 feet to a ½" iron rod set for angle corner, and
- N 59° 31' 49" E a distance of 75.24 feet to a ½" iron rod set for angle corner, and
- S 89° 07' 09" E a distance of 1020.98 feet to a concrete highway marker found for angle corner, and
- N 88° 59' 56" E a distance of 15.71 feet to a ½" iron rod found for the Northeast corner of the original tract and the herein described tract, also being the Northwest corner of the Stewart Bates 8.159 acre tract as described in Volume 1013, Page 511, Official Records;

THENCE along the East line of the original Pfieffer tract, common with the West line of the Bates tract, S 02° 24' 26" E a distance of 415.86 feet to a ½" iron rod found on the North line of State Highway 71 for the Southwest corner of the Bates tract and being the Southeast corner of the original tract and the herein described tract;

THENCE along the North line of State Highway 71, the following calls:

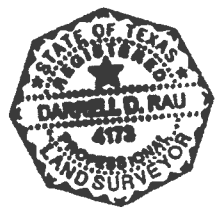
- S 84° 40' 20" W a distance of 923.32 to a concrete highway marker found for angle corner, and
- N 88° 12' 37" W a distance of 201.45 feet to a ½" iron rod set for angle corner, and
- S 84° 42' 26" W a distance of 114.00 feet to a ½" iron rod found for the Southeast corner of the Anderson 6.733 acre tract and being the Southwest corner of the original tract and the herein described tract;

THENCE along West line of the original Pfeiffer tract, common with the East line of the Anderson tract, N 01° 19' 38" W (Basis of Bearings – Record Deed Call) a distance of 484.51 feet to the **POINT OF BEGINNING**, containing 13.372 acres of land.

Notes:
(1) A survey plat to accompany this description.

Darrell D. Rau
Registered Professional Land Surveyor
Registration No. 4173

Date: December 15, 2011



15. SUBJECT: Consider and take appropriate action concerning the application from Schuster Rd, LLC, requesting a variance to allow the division of their real property.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Clint Sternadel

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

Schuster Rd LLC
Open Doors Development LLC
5212 Jason Street
Houston, TX 77096

Sirs, July 22, 2021

This letter will serve as notice that a variance has been **GRANTED / DENIED** from the Fayette County Subdivision Platting Requirements for the division of a 30.50 acre tract of land in the J. G. Wilkinson League, Abstract A-108, Precinct #1, Fayette County, Texas.

The Parent Tract is to be divided as follows: Tract #1- 6.00 acres, Tract #2-8.50 acres, Tract #3-6.50 acres, Tract #4-6.50 acres, Tract #5-3.00 acres

1.) Any further development of either tract for residential or commercial purposes is subject to all existing permitting and regulatory codes concerning On Site Sewage Facility installation, the placement and drilling of water wells and the Flood Plain Ordinance.

_____

Joseph F. Weber
Fayette County Judge

FAYETTE COUNTY SUBDIVISION PLAT APPLICATION FACT SHEET

1) NAME OF SUBDIVIDER Schuster Road LLC & Open Doors Development Company LLC

ADDRESS 5215 Jason Street

CITY Houston STATE Tx ZIP 77096

2) NAME OF COMPANY OR AGENCY _____

OFFICE _____ CELL 713-557-0196

3) WHEN WAS PROPERTY PURCHASED BY SUBDIVIDER? 5/7/[redacted] 2021

4) DESCRIPTION OF TRACT TO BE DIVIDED. LEAGUE OR SURVEY AND ABSTRACT
30.078 Acres Wilkinson JG No. 108 Fayette County

4a) FAYETTE COUNTY PRECINCT IN WHICH PROPERTY IS LOCATED.# 1.

5) TOTAL NUMBER OF ACRES IN PARENT TRACT 30.078

6) PROPOSED NUMBER OF TRACTS IN THE DIVISION 5

7) SIZE OF SMALLEST TRACT (IN ACRES) 3

8) SIZE OF LARGEST TRACT IN (IN ACRES) 8.5

9) WILL RURAL WATER BE AVAILABLE YES ✓ NO ____

10) IF YES, NAME OF WATER SUPPLY COMPANY Fayette County Water Corp.

11) IS THE SUBDIVISION TO INCLUDE ANY ROADS CONSTRUCTED BY THE SUBDIVIDER? YES ✓ NO ____

12) WILL SAID ROADS BE DESIGNATED FOR PUBLIC ____ OR PRIVATE ✓ USE?

13) HAS A PRELIMINARY PLAT BEEN INCLUDED WITH THIS APPLICATION?
YES ✓ NO ____

14) IS IT THE INTENT OF THE SUBDIVIDER TO PROVIDE ANY INFRASTRUCTURE AT ALL FOR THIS DIVISION? YES ✓ NO ____ IF YES, PROVIDE A DETAILED DESCRIPTION OF INTENT AND ATTACH TO THIS FORM.

15) ARE THERE ANY HISTORICALLY SIGNIFICANT SITES OR BUILDINGS ON THE PROPERTY THAT IS TO BE SUBDIVIDED? (ie: cemeteries, homes or other structures, Native American sites or mounds etc...) YES ____ NO ✓ IF YES PLEASE ATTACH A DESCRIPTION .

DocuSigned by: Chris Schuster DocuSigned by: James Kastleman DocuSigned by: Melanie H. Promerene
SIGNATURE OF SUBDIVIDER

7/12/2021
DATE

16) WHAT IS THE PURPOSE OR INTENT OF THIS DIVISION?

FAMILY DIVISION OF PROPERTY___ COMMERCIAL DEVELOPMENT___

RESIDENTIAL DEVELOPMENT_✓_ OTHER___(DESCRIBE BELOW)

17) HAS A FLOOD PLAIN SURVEY BEEN DONE ON THIS PROPERTY TO DETERMINE THE TOTAL USABILITY OF THE SEPARATE TRACTS? YES_✓_NO___

18) IS THERE ANY INFRASTRUCTURE ALREADY PRESENT ON THE PROPERTY, SUCH AS OIL FIELD SITES, PIPELINES, ELECTRIC OR TELEPHONE LINES ETC...?
YES_✓_ NO___ IF YES PLEASE DESCRIBE BELOW>

pipelines

19) WHAT PERCENTAGE OF THE PROPERTY, IF ANY IS INVOLVED IN AGRICULTURE OR RANCHING? ___% OR NONE_✓_

20) DOES THE PARENT TRACT HOLD ANY TAX EXEMPT STATUS SUCH AS:
AGRICULTURAL___ WILDLIFE_✓_ OTHER___________ NONE___

21) ARE THERE ANY ROADWAYS ON THE PROPERTY THAT ARE CURRENTLY IN USE? YES___ NO_✓_

22) ARE THERE ANY DEED RESTRICTIONS THAT WILL BE RECORDED AS AN OFFICIAL PART OF THE DEED DOCUMENTS? YES_✓_NO___ IF YES PLEASE DESCRIBE BELOW.

Deed restrictions will be available as the subdivision progresses

23) IS THERE ANY OTHER INFORMATION THAT YOU FEEL MAY BE PERTINENT OR NECESSARY TO INCLUDE WITH THIS APPLICATION? YES___NO_✓_ IF YES PLEASE LIST BELOW.

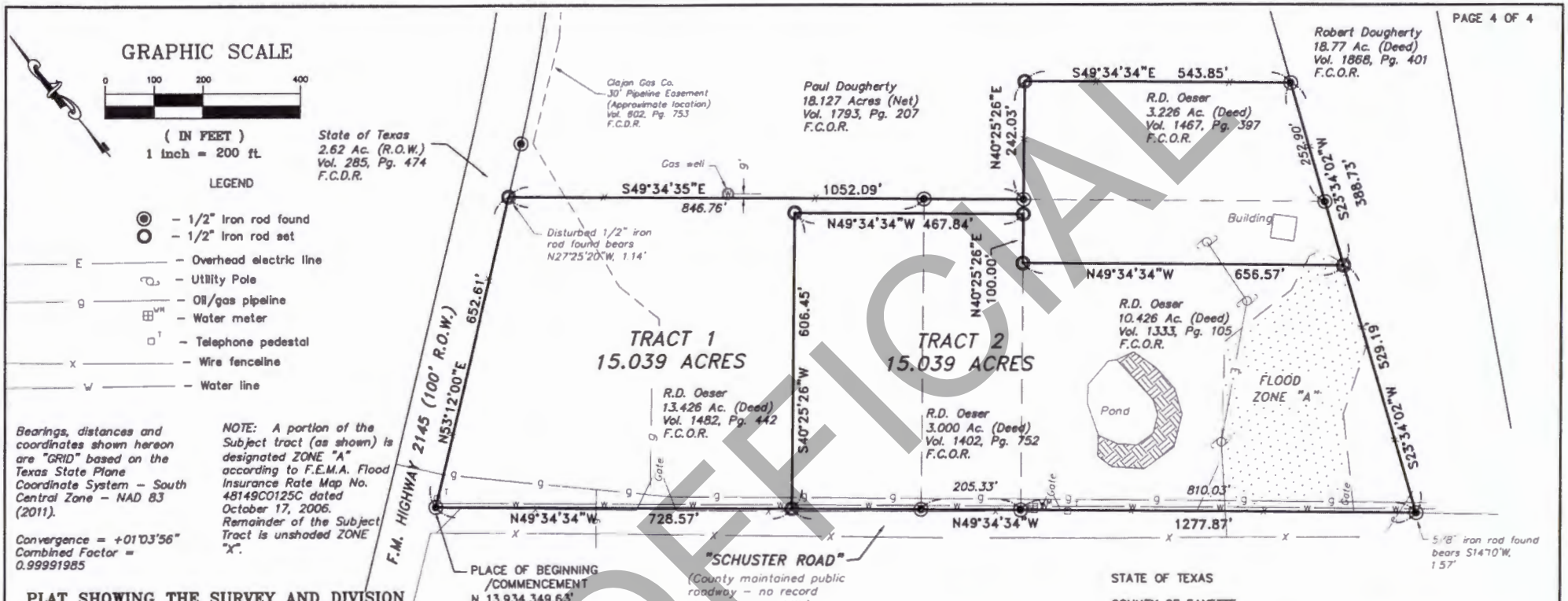
DocuSigned by: Chris Promecene — F8040C51827A4B3...
DocuSigned by: James Eastlerman — ACD224551DD6436...
DocuSigned by: Melanie H. Promecene — DE2F39B5F2E04A4

SIGNATURE OF SUBDIVIDER

7/12/2021

DATE


6 Acres
Site 1
8.5 Acres
Site 2
6.5
Acres
Site 3
6.5 Acres
Site 4
3 Acres
Site 5
BOMBAY RD
Base Layers
Area
2.87 acres
6.63 acres
8.57 acres
8.4 acres
8.23 acres
Powered by
MAPRIGHT



Bearings, distances and coordinates shown hereon are "GRID" based on the Texas State Plane Coordinate System - South Central Zone - NAD 83 (2011).

Convergence = +01°03'56"
Combined Factor = 0.99991985

NOTE: A portion of the Subject tract (as shown) is designated ZONE "A" according to F.E.M.A. Flood Insurance Rate Map No. 48149C0125C dated October 17, 2006. Remainder of the Subject Tract is unshaded ZONE "X".

PLAT SHOWING THE SURVEY AND DIVISION OF A 30.078 ACRE TRACT SITUATED IN THE J.G. WILKINSON LEAGUE, A-108 IN FAYETTE COUNTY, TEXAS, BEING COMPRISED OF THE FOLLOWING:

ALL OF THAT TRACT DESCRIBED AS 10.426 ACRES IN A DEED FROM DELVIN MEINERS TO R.D. OESER DATED NOVEMBER 18, 2005 AND RECORDED IN VOLUME 1333, PAGE 105 OF THE OFFICIAL RECORDS OF FAYETTE COUNTY;

ALL OF THAT TRACT DESCRIBED AS 3.000 ACRES IN A DEED FROM DELVIN MEINERS TO R.D. OESER DATED JULY 2, 2007 AND RECORDED IN VOLUME 1402, PAGE 752 OF THE OFFICIAL RECORDS OF FAYETTE COUNTY

ALL OF THAT TRACT DESCRIBED AS 3.226 ACRES IN A DEED FROM VADIE OESER TO ROGER OESER DATED JANUARY 16, 2009 AND RECORDED IN VOLUME 1467, PAGE 397 OF THE OFFICIAL RECORDS OF FAYETTE COUNTY;

ALL OF THAT TRACT DESCRIBED AS 13.426 ACRES IN A DEED FROM DELVIN MEINERS TO ROGER OESER DATED MAY 29, 2009 AND RECORDED IN VOLUME 1482, PAGE 442 OF THE OFFICIAL RECORDS OF FAYETTE COUNTY;

UNDERGROUND UTILITIES NOTE: Location of underground utilities shown hereon is approximate only and is based on a combination of "record" easement descriptions, visible evidence found at time of survey, and "Texas Railroad Commission Public GIS Viewer" mapping. Other underground facilities may exist on the property and actual location may differ from those shown hereon.

STATE OF TEXAS

COUNTY OF FAYETTE

I, Kevin Von Minden, a Registered Professional Land Surveyor, do hereby certify that this survey was made on the ground, that this plat correctly represents the facts found at the time of the survey, and that this survey substantially complies with the current Texas Society of Professional Surveyors Manual of Practice requirements for a Category 1B, Condition III TSPS Standard Land Survey.

Kevin Von Minden, R.P.L.S.
Registration No. 4438
BEFCO ENGINEERING, INC.
Firm No. 10001700
La Grange, Texas
979-968-6474
April 9, 2021

STATE OF TEXAS
REGISTERED
KEVIN VON MINDEN
4438
PROFESSIONAL
LAND SURVEYOR

Field Book 545
S\Kevin\Land Projects 3\05-4192\dwg\21-7990A
BEFCO Job No. 21-7990

16. SUBJECT: Hear monthly report from Clint Sternadel, County Inspector & Office of Development & Permitting.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Clint Sternadel

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

Septic and Subdivision Monthy Report

June 2021

Septic Permits Issued		26
	Previous month	24
Septic Inspections Completed		24
	Previous month	16
Development Permits		25
	Previous month	13
Divisions of Property		10
	Previous month	13

17. SUBJECT: Consider and take appropriate action concerning Application for Permit to Lay Temporary Water Line in Road Right-of-Way, submitted by GeoSouthern Operating II, LLC, for said water line to be placed along Gebhard Rd, (Precinct 2), a public county road located in Fayette County, Texas.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Clint Sternadel

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

18. SUBJECT: Consider and take appropriate action concerning Application for Permit to Lay Temporary Water Line in Road Right-of-Way, submitted by GeoSouthern Operating II, LLC, for said secondary water line to be placed along Gebhard Rd, (Precinct 2), a public county road located in Fayette County, Texas.

ACTION:

PERSONS APPEARING BEFORE THE COURT: Clint Sternadel

MOVED BY COMMR. _____, SECONDED BY COMMR. _____
Commr. McBroom, vote for ____, vote against _____
Commr. Sternadel, vote for ___, vote against _____
Commr. Berckenhoff, vote for ____, vote against _____
Commr. Brossmann, vote for ____, vote against _____
Judge Weber, vote for _____, vote against _____

FOR COUNTY USE ONLY

PERMIT # 33
APPLICATION DATE : 7-22-21
DATE OF EXPIRATION: 10-22-21

FAYETTE COUNTY APPLICATION FOR PERMIT TO LAY TEMPORARY WATER LINE IN ROAD RIGHT OF WAY

TO: THE COMMISSIONERS COURT OF FAYETTE COUNTY, TEXAS

COMES NOW GeoSouthern Operating II, LLC (company name) (hereafter "Company"), a Texas (state) Limited Liability Company (type – corporation, partnership, sole proprietorship, etc.) with the right to transact business in Texas, acting by and through its duly authorized representative, and hereby petitions Fayette County (hereafter "County") for the right to lay a temporary water line over and/or along certain County Roads and rights of way as shown on map(s) and lists(s) attached hereto in the following manner: (insert description of line, Example "10 inch poly"):

10 or 12 inch lay-flat poly water hose

Within a length along the right of way of approximately 2,290.46 feet, along (describe and name County roads with length along each road)

Gebhard Road (.43 Miles)-Line 1

We propose to begin our operations on or about 7/15/21 (mm/dd/yyyy) and complete our operations by 10/15/21 (mm/dd/yyyy) .

Company agrees that:

1) To induce the County to grant the requested permit, Company agrees, and stipulates as follows:

a. That it is expressly understood that Fayette County does not grant any right, claim, title, or easement in, to, or upon the County right of way.

b. The temporary waterline will be laid on the surface, as close to the edge of the County Road right of way or fence line, as is possible.

c. Where necessary, Company agrees to remove, and dispose of, at its own expense, brush, debris, and other such impediments when installing the temporary water line. Company also agrees, upon request of the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, to trim, mow or otherwise control grass and vegetation growth along the temporary water line laid in the County right of way until temporary water line is removed.

d. Company will cross a County Road right of way, or culvert, only with the permission of the Fayette County Commissioners Court. Temporary water lines crossing a County road may use existing County road drainage structures. If no existing County drainage structure is available, applicant shall bore under the roadway using a steel casing. Open cuts of the roadway will not be permitted. If a bore is used, a separate crossing permit is required, contact the County Attorney's Office. If an existing drainage structure is used to cross a roadway, the following is the allowable number and size pipe for each drainage structure. This information shall also be shown on the attached location map.

24" drainage structure:	one 8" or one 10" temporary water pipe(s).
36" drainage structure:	three 8", two 10", or one 12" temporary water pipe(s).
48" drainage structure:	four 8", three 10", or two 12" temporary water pipe(s).

e. The temporary water line shall not be laid or maintained by the Company in such manner as to interfere with the use, construction, maintenance or repair of roads, or utilities, and in the event it shall develop that the line, in the opinion of the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, in any manner interferes with the use, construction, maintenance or repair of any existing road, or utility, because of the depth at which the same has been laid, or for any other reason, the Company, upon request of the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, shall promptly change or alter, at Company's sole expense, the temporary water line, in such manner that the same will no longer interfere with such construction, maintenance or repair.

f. Company will not maintain any pump, engines, switch, storage facility, or anything else, except the above described temporary water line, in the County Road right of way. Any booster pump connected to the temporary water line

subject to this application must maintain a minimum distance of twenty (20) feet from the edge of the pavement or traveled portion of the road.

g. Fayette County may require Company to relocate, or to permanently or temporarily remove the temporary waterline, or any portion of the temporary waterline, when deemed necessary, for any reason, by Fayette County, by the County giving 5 calendar day's notice.

h. Fayette County may require Company to relocate, or to, permanently or temporarily, immediately remove the temporary waterline, if adverse weather, or other factors, create an emergency condition, or if, in the opinion of the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, the Company is in any way in violation of this permit.

i. That the temporary waterline be maintained in such a manner that is acceptable to the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, or its designee.

j. Adequate signs, barricades, flares, flagmen, etc., shall be maintained as necessary to protect the traveling public during installation, moving, maintenance, or any other situation and or emergency that may arise. Company shall comply with the Texas Manual of Uniform Traffic Control Devices.

k. Company must not interfere with the free and safe flow of traffic, along the County Road right of way, or to and from driveways. All driveways shall be crossed by using road crossings. The intent is to not cause damage to a driveway. The traveling surface of the road crossing must extend the entire width of the driveway.

l. When operations are immediately adjacent to the County Road right of way, all equipment should be parked and/or operating on one side of the roadway only.

m. Operations will be postponed when the ground conditions are such that operations within the County Road right of way would, in the opinion of the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, cause extensive rutting and/or tracking of mud onto the roadway surface.

n. Company agrees to indemnify and hold County harmless from any personal injury, property damage, subservient estate, mineral estate related claims, or other tort claims, against County, its officers, agents or employees, that result from Company's operations under this permit, or the County's action in granting this permit, EVEN IF SUCH CLAIMS RESULT IN WHOLE OR PART FROM THE

NEGLIGENCE (INCLUDING FAILING TO TAKE AN ACTION REQUIRED BY THE TEXAS UTILITY CODE) OF COUNTY, ITS OFFICERS, AGENTS OR EMPLOYEES, OR FROM THE INTENTIONAL CONDUCT OF THE COUNTY, ITS OFFICERS, AGENTS OR EMPLOYEES, IN RELOCATING, OR REMOVING, THE LINE, OR ANY ASSOCIATED EQUIPMENT OR MATERIAL, IF AN EMERGENCY CONDITION EXISTS, OR IF COMPANY IS, IN THE OPINION OF THE FAYETTE COUNTY COMMISSIONER(S) IN WHOSE PRECINCT(S) THIS PERMIT WOULD APPLY, OR HIS DESIGNEE, IN VIOLATION OF THIS PERMIT, OR IF COMPANY HAS NOT COMPLIED WITH A STOP WORK ORDER, OR IF COMPANY HAS NOT COMPLIED WITH A NOTICE TO REMOVE, OR RELOCATE, THE TEMPORARY WATERLINE, OR OTHER OBJECTS PLACED IN THE COUNTY ROAD RIGHT OF WAY.

o. Company agrees to release the County, its officers, agents and employees, any utility, or the officers, agents and employees of such utility, and any emergency services organization, or emergency services personnel, operating on behalf of the County, from any and all claims for damages done to Company's property, during emergency operations, road maintenance operations, or utility installation, removal or maintenance operations.

p. Company will promptly and fully reimburse the injured party for any damage to utility lines, utility property, or other real or personal property, or personal injury, arising out of the installation, use or removal of the temporary waterline.

q. Company will submit with this application a current Certificate of Insurance in the amount of not less than $1,000,000.00, naming Fayette County, Texas as an additional insured, and a certificate of Workers Compensation insurance. Company will insure, and shall demonstrate to the County, that such insurance remains in full force and effect, while any operations continue under the permit. Such insurance policy will list Fayette County, Texas as an additional insured.

r. The permit, if granted, will give Company permission to conduct allowed operations within County Road rights of way only, and does not authorize Company to conduct any operations on other property.

s. Company shall arrange an onsite inspection of the proposed route of the temporary water line, by the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, before approval may be granted.

t. Company shall notify the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, at least 48 hours before any operations begin under this permit. Notice shall be face-to-face or by direct voice communication, no voice-mail notice shall be accepted.

u. Posting of Permit. A copy of the permit, including the full Application, shall be posted, in a rain proof form, at the jobsite, before any work is begun, and shall remain posted until after all operations have been completed. If the line runs along the County Road right of way for more than 100 feet, additional copies of the permit shall be posted at each location where the line enters, or leaves, the County Road right of way.

v. Education about Permit. Company shall insure that all of its employees, agents, contractors, and sub-contractors, are familiar with all terms of the permit.

w. Issuing Stop Work Order. If, at any time the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, believes that Company is in violation of the terms of the permit, they may issue a Stop Work Order. A Stop Work Order shall be in writing, shall include the date, and time, it was issued, shall describe generally the violation, and shall include the name, and telephone number, of the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, who is empowered to release it. The Stop Work Order shall be either delivered personally to the Company representative at the job site, or to any employee, or agent, of the Company, or any contractor, or subcontractor, present at the job site. If no one is present to accept the Stop Work Order, a copy will be sent by electronic mail to the Company addresses listed below.

x. Effect of Stop Work Order. No work, except emergency operations designed to protect human life, or property, shall take place under the permit, until the Stop Work Order is released.

y. Release of Stop Work Order. When the Company has presented a satisfactory plan to the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, to remediate the violation, both the Company, and the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, shall sign a Release of Stop Work Order that allows operations to resume under the permit.

z. The provisions about Stop Work Orders, and Release of Stop Work Orders, do not in any way impair the County's right to take any action under any other section of the permit.

aa. Revocation of Permit. The County may revoke the permit at any time for failure to pay permit fees, failure to comply with any sections of this permit application, failure to maintain insurance, or any other violation which may arise regarding the temporary water lines.

bb. Company shall, on or before 10/15/21 (mm/dd/yyyy), remove the temporary water line, such date not to exceed ninety calendar days from date of permit issuance. Company shall restore the right-of-way to its original condition, free of any damage, with any ruts or any injury to vegetation repaired to the satisfaction of the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, except that brush, debris and other impediments need not be restored. Any costs incurred by the County for replacement signs, delineators, etc., for the removal of debris, or for any other necessary restoration work performed by the County to place the County right-of-way into a condition equal to that prior to survey operations will be billed to the company at cost.

cc. "Company" includes the Company, and all officers, agents, employees, contractors and sub-contractors, and its heirs, assigns and successors.

dd. Renewal of temporary water line permit. In the event Company anticipates exceeding the ninety day issuance of the temporary water line permit, the Company shall apply to renew permit with the Fayette County Attorney's Office. The renewal notice must be submitted to the Fayette County Attorney's Office no later than ten days (10) before the expiration of the existing permit. If all information in existing permit remains the same, Company shall just sign declaration page certifying to all information in previous application. In the event information from original application has changed, Company shall be required to complete application again in full.

ee. Renewal Fees and Insurance. In the event Company applies for a renewal of the existing permit, Company shall provide at time of renewal notice an updated Certificate of Insurance and shall submit the renewal fees as listed below.

ff. Private Land Owners: In the event that any of the permitted temporary water lines cross real property owned by a private citizen of Fayette County, Company agrees that it will properly notify and obtain the right from all necessary land owners prior to laying the temporary waterlines.

gg. The Company agrees that the public's use of the public county road for travel and transportation shall be of primary importance. The rights granted to Company by subsequent acceptance and approval of this Application shall be subordinate to the rights of the public to use the road.

hh. No temporary waterline shall ever be laid, constructed, installed, maintained, operated, used and/or repaired in such a manner as to interfere with the use, operation, construction, maintenance, drainage, or repair of an existing public county or state road. Company agrees that, should a temporary water line interfere with public use, Company will, at the request of Fayette County Commissioners Court, or the Fayette County Commissioner(s) in whose precinct(s) this permit would apply, or his designee, and at its own expense, make all changes, alterations, and modifications to said temporary waterline subject to this Application.

ii. The Company agrees to give the County Commissioner of the Precinct in which is located the temporary water line(s) which is subject to this Application, at least forty-eight (48) hours actual notice prior to the time of beginning any work with reference to any such public right of way, road, or highway.

jj. Company agrees that it will adhere to all County, State, and federal laws, statutes, codes, orders, rules, and regulations applicable to the laying, constructing, installing, maintaining, and operating the temporary waterline that is subject to this Application.

2) On the attached maps (three copy sets attached, each with a maximum size of 8.5" x 14"), Company has:

a. Outlined the area of proposed operations

b. Highlighted, in color, the county right of way(s) to be used.

c. Labeled each County Road with its road name.

d. Depicted and listed all private driveways the temporary water line will cross.

3) On the attached list(s), Company has listed in sequential order each County Road where company plans to lay temporary water lines.

4) The application fee is $1,000.00 for temporary water lines occupying up to one mile of County Road right of way, plus $500.00 for each additional mile, or portion of a mile. If Company has installed any portion of the proposed temporary waterline on a County Road right

of way without an approved permit, the application fee is $6,000.00 for temporary water lines occupying up to one mile of County Road right of way, plus $500.00 for each additional mile, or portion of a mile.

5) The renewal fee is $1,000.00, for temporary water lines occupying up to one mile of County Road right of way, plus $500.00 for each additional mile, or portion of a mile. The renewal fee is due ten days prior to the expiration of the existing permit.

6) Violation of permit requirements. In the event Company fails to perform permit requirements as listed above, the following administrative penalties are due and payable, and must be paid prior to when the Company applies for ANY application or renewal permit for ANY right of way:

ADMINISTRATIVE PENALTY :

1.	Failure to place required signs as required.	up to $500.00
2.	Failure to repair water leaks within 24 hours of notification.	up to$500.00
3.	Failure to remove pipe and other materials when complete.	up to $500.00
4.	Failure to meet other requirements of the permit.	up to $500.00

7) In the event the Company, during the existence of the Permit, violates a provision of the Permit a second, or more, time, the penalty for the violation doubles in amount of the previous penalty amount, so that the Company is required to pay the following amounts:

ADDITIONAL ADMINISTRATIVE PENALTIES :

1.	Failure to place required signs as required.	up to $1,000.00
2.	Failure to repair water leaks within 24 hours of notification.	up to $1,000.00
3.	Failure to remove pipe and other materials when complete.	up to $1,000.00
4.	Failure to meet other requirements of the permit.	up to $1,000.00

8) Permit application, supporting documentation, and fee are to be submitted to the Fayette County Attorney's Office, 151 N. Washington Street #204, La Grange, Texas 78945. Incomplete applications will not be accepted.

FOR COUNTY USE ONLY

PERMIT # 33
APPLICATION DATE : 7-22-21
DATE OF EXPIRATION: 10-22-21

CONTACT PERSON FOR PERMIT APPLICATION

Questions regarding the Temporary Waterline Permit Application should be addressed to:

Print or type name	Billy Guinn
Title	Crew Chief, Fayetteville Surface Operations
Office Telephone	713-464-3699
Office Fax	N/A
Cell Phone	318-207-2447
Address	5851 San Felipe, Ste. 755
City, State, Zip	Houston, Texas, 77057
Email Address	g2bars@aol.com

FOR COUNTY USE ONLY

PERMIT # 33
APPLICATION DATE : 7-22-21
DATE OF EXPIRATION: 10-22-21

PRIMARY 24 HOUR CONTACT PERSON(S) FOR EMERGENCIES

During the period of operation under the permit, Fayette County may contact this agent of Company at any time:

Print or type name	Blake Henry
Title	Operations Superintendent
Office Telephone	979-520-0298
Office Fax	979-836-7499
Cell Phone	1-844-733-6205
Address	5416 Hwy 290 West
City, State, Zip	Brenham, Texas, 77833
Email Address	bhenry@geosouthernenergy.com

SECONDARY 24 HOUR CONTACT PERSON(S) FOR EMERGENCIES

During the period of operation under the permit, Fayette County may contact this agent of Company at any time the primary contact cannot be reached:

Print or type name	Taylor Schleier
Title	Company Landman in Charge
Office Telephone	(281)363-9161
Office Fax	
Cell Phone	
Address	1425 Lake Front Circle, Suite 200
City, State, Zip	The Woodlands, Texas 77380
Email Address	tschleier@geosouthernenergy.com

FOR COUNTY USE ONLY

PERMIT # 33
APPLICATION DATE : 7-22-21
DATE OF EXPIRATION: 10-22-21

SUBMITTED this the 9th day of July, 20 21.

SWORN TO, SUBSCRIBED, AND ALL TERMS AND CONDITIONS AGREED TO:

Company Name	GeoSouthern Operating II, LLC
Print or type Representative Name	Devin Dansby
Title	Vice-President, Land & Business Development
Office Telephone	281-363-9161
Office Fax	
Cell Phone	
Address	1425 Lake Front Circle, Suite 200
City, State, Zip	The Woodlands, Texas, 77380
Email Address	

THE STATE OF TEXAS §

COUNTY OF Montgomery §

BEFORE ME, the undersigned authority on this day personally appeared Devin Dansby (Name), Vice-President, Land & Business Development (Title) known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of GeoSouthern Operating II (Company) of The Woodlands, Texas (City and State), and that he/she executed the same as the act of such Company for the purposes and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 9th day of July, 2021.

LASCA L. REZNICEK
Notary Public, State of Texas
Comm. Expires 02-06-2022
Notary ID 125535420

FOR COUNTY USE ONLY

PERMIT # 33
APPLICATION DATE : 7-22-21
DATE OF EXPIRATION: 10-22-21

Notary Public Signature

ACTION OF THE FAYETTE COUNTY COMMISSIONERS COURT CONCERNING THE APPLICATION

The Foregoing Application is Approved and granted by Order of the Fayette County Commissioners Court on this the _____ day of _____, 20___:

_____
Joseph F. Weber
Fayette County Judge

ATTEST:

_____
Brenda Fietsam
Fayette County Clerk and
Clerk of Commissioners Court


Gebhard Rd
Premit needed
309
Google Earth


Area to mulch 12' wide
Schlabach source pump
Wickel pump 1 per Schlabach Agreement
Run pipe through culvert only if no rain events
Schlabach pump 1-per Bruening Agreement can place pump anywhere in this tract
Gebhard Rd
permit needed
Millsap deposition
964
Google Earth

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 9/11/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	Commercial Global Insurance Services of CA, LLC 20 Pacifica, Suite 450 Irvine, CA 92618	CONTACT NAME:	Commercial Global Insurance Services of CA, LLC
		PHONE (A/C, No, Ext): 949-600-7995	FAX (A/C, No): 949-600-7998
		E-MAIL ADDRESS:	
www.cgisllc.com	CA DOI License No. 0G13559	INSURER(S) AFFORDING COVERAGE	NAIC #
		INSURER A : Federal Insurance Company	20281
INSURED	GeoSouthern Operating II, LLC 1425 Lake Front Circle The Woodlands TX 77380	INSURER B :	
		INSURER C : Texas Mutual Insurance Company	22945
		INSURER D :	
		INSURER E :	
		INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** 57510147 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	✓ COMMERCIAL GENERAL LIABILITY	✓		3581-69-51	7/15/2020	7/15/2021	EACH OCCURRENCE	$ 1,000,000
	☐ CLAIMS-MADE ☑ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 1,000,000
							MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 2,000,000
	✓ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$ 1,000,000
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	☐ ANY AUTO						BODILY INJURY (Per person)	$
	☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	☐ UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE	$
	☐ EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$
	☐ DED ☐ RETENTION $							$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N			TSF0001081789	9/14/2020	9/14/2021	✓ PER STATUTE ☐ OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ N/A (Mandatory in NH)						E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: Application for permit to lay temporary water line in road right of way - Klaus Rd, Haw Creek Rd, Coufal Rd, Sykora Rd, Fayette County, TX
Certificate holder is included as an additional insured per attached form 42-02-1678 10/01 but only if required by written contract with the named insured prior to an occurrence and subject to all policy terms/conditions.

CERTIFICATE HOLDER

Application for permit to lay temporary water line in road right of way

Fayette County, Texas
Attn: County Atty's Office
151 N. Washington Street #204
La Grange TX 78945

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Bart J. Le Fevre

Bart J. Le Fevre/KSK