

Filing Receipt

Received - 2022-08-13 12:01:00 PM Control Number - 53445 ItemNumber - 18

DOCKET NO. 53445

APPLICATION OF UNDINE TEXAS,	§	PUBLIC UTILITY COMMISSION
LLC TO AMEND ITS CERTIFICATE	§	
OF CONVENIENCE AND NECESSITY	§	OF TEXAS
IN FORT BEND COUNTY	§	
	§	

UNDINE RESPONSE TO COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

COMES NOW, Applicant, Undine Texas, LLC, and files this Response to Commission Staff's Second Request for Information, providing the responsive information as Exhibit A.

Respectfully submitted,

Gregg Law PC

Peter T. Gregg

State Bar No. 00784174 910 West Ave., No. 3 Austin, Texas 78701

Phone: 512-522-0702 Fax: 512-727-6070

pgregg@gregglawpc.com

Attorneys for Petitioners

DOCKET NO. 53445

CERTIFICATE OF SERVICE

I certify by my signature above that unless otherwise ordered by the presiding officer, notice of the filing of this document was provided to all parties of record on August 13, 2022 in accordance with the Order Suspending Rules filed in Project No. 50664.

EXHIBIT A

Jon Niermann, Chairman Emily Lindley, Commissioner Bobby Janecka, Commissioner Toby Baker, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 17, 2021

Mr. Jerry G. Ince, P.E. Ward, Getz & Associates, PLLC 2500 Tanglewilde, Suite 120 Houston, Texas 77063

Re:

Tejas Lakes Subdivision - PWS ID No. 0790504

Request for an Exception to the Sanitary Control Easement Requirement

Proposed Well No. 3 (TCEQ Well ID: Unassigned) Latitude: 29°26′11.34″N | Longitude 95°50′06.16″W

Fort Bend County, Texas

RN 105447775 | CN 605397827

Dear Mr. Ince:

On September 16, 2021, the Texas Commission on Environmental Quality (TCEQ) received your letter dated September 13, 2021, requesting an exception to the requirement that all public water supply wells have properly recorded sanitary control easements as specified in Title 30 of the Texas Administrative Code (30 TAC) §290.41(c)(1)(F). This request is for the Tejas Lakes Subdivision public water system (PWS) proposed Well No. 3 (TCEQ Well ID: Unassigned). The submittal indicated that the well is currently unconstructed. In an email correspondence dated December 14, 2021 with Mr. Eric Simon of my staff, your associate, Mr. Paul Tilly E.I.T., indicated that the well will be located at the coordinates 29°26'11.34" north latitude, 95°50'06.16" west longitude.

According to your submittal, the PWS solicited sanitary control easements for two properties within 150 feet of proposed Well No. 3, but received no responses from the property owners. The TCEQ has determined that the inability to secure sanitary control easements indicates that this groundwater source may be susceptible to fecal contamination and may result in a risk to public health. You provided a copy of a signed Letter of Agreement Between Undine Texas LLC (the PWS owner) and Tejas Landing Development LLC (the subdivision developer) indicating that the well site property has not yet transferred ownership. Please note that a copy of the warranty deed must be provided to the TCEQ Plan Review Team at the time well construction or well completion data is submitted for approval to use the well, as indicated in Condition 1 below.

Mr. Jerry G. Ince, P.E. Page 2 of 4 December 17, 2021

In order to allow monitoring of the well to determine if the well has been impacted by lack of sanitary control, we are **granting your request** for an exception to the sanitary control easement requirement, **until December 17, 2024**, under the conditions listed below. This exception applies to the Foerster School road right-of-way, and all of the property owned by Jose A Perez and Leonila Carona-Avalos [Legal descriptions: 0573 H FOERSTER, ACRES 1, Sec 70, (Part of a 5.1504 Acre Tract) and 0573 H FOERSTER, ACRES 4.1504, Sec 70, (Part of a 5.1504 Acre Tract)]; and Centerpoint Energy Houston Electric LLC [Legal Description: 0240 H AND TC RY, TRACT 1-G (PT), ACRES 11.444, (PT OLD SOUTHERN PACIFIC RR)] within a 150-foot radius of proposed Well No. 3. In accordance with 30 TAC §290.46(b) and §290.109(d)(4)(E), the PWS is required to fulfill the conditions of approval outlined below.

Condition 1:

 An official copy of the warranty deed indicating that Undine Texas, LLC has taken ownership of the property must be provided to the TCEQ Plan Review Team at the time well construction or well completion data is submitted for approval to use the well.

Condition 2:

After receiving approval to use the well as a source, and upon placing the well
into service, the PWS must begin collecting one raw water sample per month
from proposed Well No. 3. The PWS must submit the sample for bacteriological
analysis at a TCEQ-accredited laboratory with a current National Environmental
Laboratory Accreditation Program (NELAP) certification, and maintain these
records on site.

Please note that this monitoring requirement does not imply approval to use this well as a source. You must receive approval to use the well from the TCEQ Plan Review Team. Once you receive approval, a TCEQ Source ID will be assigned to the well by the TCEQ. If for any reason the well is put in use prior to approval from the TCEQ, you may be subject to enforcement action.

The sampling procedure should be the same as the one used when collecting routine distribution samples. Please ensure that the sample is delivered to the laboratory clearly labeled "RAW." Once the well is assigned an official State-issued well identification number, ensure the sample is labeled with the assigned TCEQ Well ID and marked "RAW."

For a list of TCEQ-accredited laboratories see our website at:

www.tceq.texas.gov/assets/public/compliance/compliance_support/qa/txnelap_lab_list.pdf

These-samples-are-in-addition-to-the-normally-required-monthly-distribution-bacteriological-samples and must be collected at a point prior to the disinfectant injection point. The sample results should be submitted in the same manner as the results of the monthly distribution bacteriological samples.

Once twelve (12) consecutive monthly bacteriological sample results have been received and reviewed, the TCEQ will evaluate the results and reissue, if appropriate, an exception without an expiration date. Based on the results of the raw water bacteriological samples the TCEQ may modify the current monitoring requirement, require a more stringent disinfection protocol, or require treatment.

Unless otherwise directed by the TCEQ, the PWS must continue to collect and analyze the monthly raw water samples as required in this letter for as long as proposed Well No. 3 is used as a public water supply well. Please note that at a minimum, a monthly monitoring requirement will remain in effect should an exception without an expiration date be granted following the review of the bacteriological sample results.

Mr. Jerry G. Ince, P.E. Page 3 of 4 December 17, 2021

If any of the samples yields a positive result, please follow the instructions specified in Enclosure 1: *Instructions for Positive Bacteriological Samples*.

Please update your system's monitoring plan to reflect the monitoring requirements outlined in this letter and mail to the TCEQ Monitoring Plan Coordinator at the following address:

Monitoring Plan Coordinator (MC 155) Texas Commission on Environmental Quality P.O. Box 13087 Austin, TX 78711

Additional information is available in TCEQ's Regulatory Guidance No. 384 (RG-384), *How to Develop a Monitoring Plan for a Public Water System*, or on our website at:

https://www.tceq.texas.gov/drinkingwater/monitoring_plans

All PWS monitoring plans are required to be kept up-to-date and on file at the system at all times and must be presented to TCEQ staff upon request.

Condition 3:

• This exception will expire 36 months from the date of this letter (December 17, 2024).

In support of your exception request, you provided the following information:

- A general location map and detailed site map;
- A statement that the adjacent property owners identified above would not grant easements;
- Copies of attempted correspondence with the adjoining landowners, substantiated with United States Postal Service certified mail delivery receipts;
- A signed and countersigned letter of agreement between Tejas Landing Development, LLC (developer) and Undine Texas, LLC (PWS owner), dated July 9, 2021, stating that the developer will deed the well site parcel to the PWS owner; and
- A statement that sanitary hazards prohibited by the required sanitary easement are not located within a 150-foot radius of proposed Well No. 3.

A copy of this letter and all related monitoring data must be maintained with the water system's records for as long as this exception is in effect. These records must be made available to TCEQ staff upon request. If contamination of a well occurs which is not remediated through treatment, a new properly constructed well may be required at another location and abandonment, proper plugging, and sealing of the abandoned well will be required.

All exceptions are subject to review. If new information indicates that this exception compromises the public health or degrades service or water quality, the exception may be revoked as specified in 30 TAC §290.39(l)(2). Noncompliance with any condition stated in this exception letter may result in enforcement action as specified in 30 TAC §290.39(l)(5). This exception is not intended to waive compliance with any other TCEQ requirement in 30 TAC Chapter 290. This exception cannot be used as a defense in any enforcement action resulting from noncompliance with any other requirement of 30 TAC Chapter 290.

Mr. Jerry G. Ince, P.E. Page 4 of 4 December 17, 2021

If you have questions concerning this letter, or if we can be of additional assistance, please contact Eric Simon at james-eric.simon@tceq.texas.gov, by telephone at (512) 239-4599, or by correspondence at the following address:

Technical Review and Oversight Team (MC 159) Texas Commission on Environmental Quality P.O. Box 13087 Austin, Texas 78711-3087

If you are unable to contact Mr. Simon, please contact another member of the Technical Review and Oversight Team at PTRS@tceq.texas.gov.

Sincerely,

Stephanie Escobar, Team Leader

Technical Review and Oversight Team

Sephanic Escobar

Plan and Technical Review Section

Water Supply Division

Texas Commission on Environmental Quality

SJE/es

Enclosure 1: Instructions for Positive Bacteriological Samples

cc: Mr. Thomas Carey, Senior Vice President, Undine Texas LLC, 17681 Telge Road, Cypress, TX 77429-7080

<u>Instructions for Positive Bacteriological Samples</u>

If multiple raw water samples are found to be **positive** for total coliform and **negative** for *E. coli* and other fecal indicators, a new exception with revised conditions may be required. TCEQ personnel recommend reviewing the sample collection protocol to ensure proper sample collection methods are in place. Personnel also recommend well disinfection according to American Water Works Association (AWWA) well disinfection standards.

If a raw water sample is found to be **positive** for total coliform and **positive** for *E. coli* or other fecal indicators, Ground Water Rule requirements include:

- A. Issuance of a Public Notice to water system customers in accordance with 30 TAC §290.122(a) within 24 hours of being notified of the positive result.
- B. Notification to all consecutive systems served by the well within 24 hours of being notified of the positive result.
- C. Notification to TCEQ Drinking Water Assessment Team personnel at 512-239-4691 or GWRdata@tceq.texas.gov within 24 hours of being notified of the positive result.
- D. Implementation of one or more of the Corrective Actions described in 30 TAC §290.116 as indicated by TCEQ Drinking Water Assessment Team personnel.

Additionally, the current exception may be revoked and a new exception with revised conditions may be required

Information on the Ground Water Rule can be found by calling 512-239-4691 and asking to speak to a member of the Drinking Water Assessment Team or at the following website:

https://www.tceq.texas.gov/drinkingwater/gwr_main.html

Jon Niermann, *Chairman*Emily Lindley, *Commissioner*Bobby Janecka, *Commissioner*Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 26, 2022

Mr. Jerry G. Ince, P.E. Ward, Getz & Associates, LLP 2500 Tanglewilde, Suite 120 Houston, TX 77063

Re: Tejas Lakes Subdivision - Public Water System ID No. 0790504

Proposed - Distribution Line

Engineer Contact Telephone: (713) 352-7232

Plan Review Log No. P-11292021-171

Fort Bend County, Texas

CN605397827; RN105447775

Dear Mr. Ince:

On November 29, 2021, the Texas Commission on Environmental Quality (TCEQ) received planning material with your letter dated November 24, 2021 for the proposed distribution line. Based on our review of the information submitted, the project generally meets the minimum requirements of Title 30 Texas Administrative Code (TAC) Chapter 290 - Rules and Regulations for Public Water Systems and is approved for construction.

Please note: dechlorination of disinfecting water shall be in strict accordance with current American Water Works Association (AWWA) Standard C655.

The submittal consisted of 30 sheets of engineering drawings and technical specifications. The approved project consists of:

- Approximately 265 linear feet (lf) of 6-inch, AWWA Standard C900, dimension ratio (DR) 25, polyvinyl chloride (PVC) pipe;
- Approximately 1,765 lf of 8-inch, AWWA Standard C900, DR 25, PVC pipe; and,
- Various valves, fittings, and appurtenances.

This approval is for the construction of the above listed items only. Any wastewater components contained in this design were not considered.

The Tejas Lakes Subdivision public water supply system provides water treatment. The authorization provided in this letter does not relieve a Public Water System from the need to comply with other applicable state and federal regulations.

This line is located on Foerster School Road from the existing water plant (at the intersection Jaske Road and State Highway 36) to the proposed water plant in Fort Bend County, Texas. An appointed engineer must notify the TCEQ's Region 12 Office in Houston at (713) 767-3500 when construction will start. Please keep in mind that upon completion of the water works project, the engineer or owner will notify the commission's Water Supply Division, in writing, as to its completion and attest to the fact that the completed work is substantially in accordance

Mr. Jerry G. Ince, P.E. Page 2 January 26, 2022

with the plans and change orders on file with the commission as required in 30 TAC §290.39(h)(3).

Please refer to the Plan Review Team's Log No. P-11292021-171 in all correspondence for this project.

Please complete a copy of the most current Public Water System Plan Review Submittal form for any future submittals to TCEQ. Every blank on the form must be completed to minimize any delays in the review of your project. The document is available on TCEQ's website at the address shown below. You can also download the most current plan submittal checklists and forms from the same address.

https://www.tceq.texas.gov/drinkingwater/udpubs.html

For future reference, you can review part of the Plan Review Team's database to see if we have received your project. This is available on TCEQ's website at the following address:

https://www.tceq.texas.gov/drinkingwater/planrev.html/#status

You can download the latest revision of 30 TAC Chapter 290 – <u>Rules and Regulations for Public</u> Water Systems from this site.

If you have any questions concerning this letter or need further assistance, please contact Ms. Fatima Selami at (512) 239-5259 or by email at Fatima.Selami@tceq.texas.gov. If you are unable to contact Ms. Selami, please contact another member of the Plan Review Team at (512) 239-4691 or by correspondence at the following:

Plan Review Team, MC-159
Texas Commission on Environmental Quality
P.O. Box 13087
Austin. Texas 78711-3087

Sincerely,

David H. Yager, P.E. Plan Review Team

Plan and Technical Review Section

Water Supply Division

Texas Commission on Environmental Quality

Vera Poe, P.E., Team Leader

Plan Review Team

Plan and Technical Review Section

Water Supply Division

Texas Commission on Environmental Quality

VP/DHY/fs/av

cc: Tejas Lakes Subdivision, Attn: Carey Thomas, 17681 Telge Road, Cypress, TX 77429-7080

Mr. Jerry G. Ince, P.E. Page 3 January 26, 2022

TCEQ Central Records PWS File 0790504 (P-11292021-171/Tejas Lakes Subdivision) TCEQ Region No. 12 Office - Houston TCEQ PWSINVEN, MC-155 bcc:

Jon Niermann, Chairman Emily Lindley, Commissioner Bobby Janecka, Commissioner Toby Baker, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 18, 2022

Mr. Jerry G. Ince, P.E. Ward, Getz & Associates, LLP 2500 Tanglewilde, Suite 120 Houston, TX 77063

Re:

Tejas Lakes Subdivision - Public Water System ID No. 0790504 Proposed Water Plant No. 2 and Water Well No. 3 Engineer Contact Telephone: (713) 352-7232

Plan Review Log No. P-01192022-109

Fort Bend County, Texas

CN: 605397827; RN: 105447775

Dear Mr. Ince:

On January 19, 2022, the Texas Commission of Environmental Quality (TCEQ) received planning material for the proposed water well and water plant. Based on our review of the information submitted, the project generally meets the minimum requirements of Title 30 Texas Administrative Code (TAC) Chapter 290 – <u>Rules and Regulations for Public Water Systems</u> and is **conditionally approved for construction** if the project plans and specifications meet the following requirement(s):

- 1. The proposed water plant is not currently located within the Certificate of Convenience and Necessity (CCN) of Undine Texas LLC CCN No. 13260. Retail public water service cannot be provided until Public Utility Commission (PUC) has granted a CCN for the area.
- 2. Corrosive indices will be used to calculate corrosivity of the water from new source(s). Corrosive or aggressive water could result in aesthetic problems, increased levels of toxic metals, and deterioration of household plumbing and fixtures. If the water appears to be corrosive, the system will be required to conduct a study and submit an engineering report that addresses corrosivity issues or may choose to install corrosion control treatment before use may be granted. All changes in treatment require submittal of plans and specifications for approval by TCEQ.
- 3. Samples for pH must be tested immediately. If samples cannot be measured directly in the field, they must be measured within 15 minutes of collection (Standard Methods, table 1060:I).
- 4. The authorization provided in this letter does not relieve a Public Water System from the need to comply with other applicable state and federal regulations.

- 5. If a new public water system ID is going to be requested in the future for this site, the following information must be provided:
 - Engineering Report on your letterhead describing this project and the request.
 - TCEQ Core Data Form (Form No. 10400): The Core Data Form (TCEQ-10400) is part of the TCEQ Central Registry to consolidate information for companies and individuals and their notifications, registrations, licenses, and permits including Public Water Systems (PWS). The completed Core Data form must be reviewed by the Public Drinking Water program before registering a PWS (with the assignment of a PWS identification number) and transferring the registration data to Central Registry. At that time, an individual owner (verified by county appraisal districts at a minimum) or legal entity (must be in Secretary of State) will receive a Customer Number (CN), if it doesn't already have one, and the PWS site will receive a Regulated Entity Number (RN), if it does not already have one. The core data form can be downloaded at the following website:

https://www.tceq.texas.gov/permitting/central_registry/guidance.html

- A business plan that contains, at a minimum, all the elements listed in 30 TAC Section 290.39(f)(1) to (13). The business plan must include projected rate revenues (directly or indirectly fees used to operate the water system such as homeowner association fees, property owner association fees, taps fees, water line fees charged to homeowner, contributions from common community ownership, etc.), pro forma income, expense, and cash flow statements. Additionally, please include an operations and maintenance plan which includes sufficient detail (chemical cost, certificated operator cost, electric expenses, repair and maintains, etc.) to support the budget estimated for operation and maintenance of the facilities.
- The Public Water System (PWS) must evaluate the feasibility of regionalization before a new public water system ID number is assigned. The public water system must request service and pay any associated fees from all Retail Public Utilities which have a CCN within 2 miles if a community system. If service is not denied an exception must be requested from the TCEQ Technical Review and Oversight Team (TROT) prior to submitting the request to assign a new public water system ID number. Please include any and all request along with the response from all utilities within 2 miles of the proposed service area.

Texas Water Code Section 36.0015 allows for the creation of groundwater conservation districts (GCDs) as the preferred method of groundwater management. GCDs manage groundwater in many counties and are authorized to regulate production and spacing of water wells. Public water systems drilling wells within an existing GCD are responsible for meeting the GCD's requirements. The authorization provided in this letter does not affect GCD authority to manage groundwater or issue permits.

The design engineer or water system representative is required to notify the Plan Review Team in writing by fax at (512) 239-6972 or by emailing brian.dickey@tceq.texas.gov and cc: vera.poe@tceq.texas.gov at least 48 hours before the well casing pressure cementing begins. If pressure cementing is to begin on Monday, then they must give notification on the preceding Thursday. If pressure cementing is to begin on Tuesday, then they must give notification on the preceding Friday.

Mr. Jerry G. Ince, P.E. Page 3 March 18, 2022

The TCEQ does not approve this well for use as a public water supply at this time. We have enclosed a copy of the "Public Well Completion Data Checklist for Approval (Step 2)". We provide this checklist to help you in obtaining approval to use this well.

The submittal consisted of 12 sheets of engineering drawings, technical specifications and an engineering summary. The proposed project consists of:

- One public water supply well drilled to approximately 396 feet with approximately 366 linear feet (l.f.) of 5-inch Polyvinyl Chloride (PVC) casing; and 30 l.f. of 3-inch slotted PVC screen. The 5 horsepower, submersible pump is set at 160 feet. The design capacity of the pump is 64 gallon per minute (gpm);
- Well head concrete sealing block and discharge piping;
- One (1) 2,000-gallon American Society of Mechanical Engineers (ASME) Section VIII, Division 1, hydropneumatic tank;
- One (1) 22,362-gallon American Water Works Association (AWWA) D103 bolted steel ground storage tank
- Sodium hypochlorite disinfection system consisting of 30-gallon polyethylene tank and peristaltic metering pump with a capacity of 0.05 to 5.0 gpd;
- Two (2) 15 HP 200 gpm end suction centrifugal booster pumps;
- Intruder resistance fence; and,
- Various valves, fittings, controls, and related appurtenances.

This approval is for the construction of the above listed items only. Any wastewater components contained in this design were not considered.

The TEJAS Lakes Subdivision public water system provides water treatment.

The project is located at the intersection of Foster School Road and Williams School Road in Fort Bend County, Texas.

An appointed engineer must notify the TCEQ's Region 12 Office in Houston at (713) 767-3500 when construction will start. Please keep in mind that upon completion of the water works project, the engineer or owner will notify the commission's Water Supply Division, in writing, as to its completion and attest to the fact that the completed work is substantially in accordance with the plans and change orders on file with the commission as required in 30 TAC §290.39(h)(3).

Please refer to the Plan Review Team's Log No. P-01192022-109 in all correspondence for this project.

Please complete a copy of the most current Public Water System Plan Review Submittal form for any future submittals to TCEQ. Every blank on the form must be completed to minimize any delays in the review of your project. The document is available on TCEQ's website at the address shown below. You can also download the most current plan submittal checklists and forms from the same address.

Mr. Jerry G. Ince, P.E. Page 4 March 18, 2022

https://www.tceq.texas.gov/drinkingwater/udpubs.html

For future reference, you can review part of the Plan Review Team's database to see if we have received your project. This is available on TCEQ's website at the following address:

https://www.tceq.texas.gov/drinkingwater/planrev.html/#status

You can download the latest revision of 30 TAC Chapter 290 - Rules and Regulations for Public Water Systems from this site.

If you have any questions regarding this letter, please contact Mr. Brian Dickey at (512)239-0963 or by email at "brian.dickey@tceq.texas.gov" or if by correspondence at the following address:

> Plan Review Team, MC-159 Texas Commission on Environmental Quality P.O. Box 13087 Austin, Texas 78711-3087

Sincerely,

Vera Poe, P.E., Team Leader

Plan Review Team

Plan and Technical Review Section

Water Supply Division

Texas Commission on Environmental Quality

VP/BDD/av

Enclosure:

"Public Well Completion Data Checklist for Approval (Step 2)"

CC:

Tejas Lakes Subdivision, Attn: Carey Thomas, 17681 Telge Road, Cypress, TX 77429-

7080

Public Well Completion Data Checklist for Approval to Use (Step 2)

		Approval to 0	se (Step 2)
Water Su Plan Rev	ıpply Divi iew Team		Public Water System I.D. NoTCEQ Log No. P
regardin delay pr St, Austi	g propose oject appr n, TX, 787	ed Water Supply Well Completion	or Public Water Systems", 30 TAC Chapter 290 a. Failure to submit the following items may obtained from Texas Register, 1019 Brazos or downloaded from the html
construction of well of	ction by Tompletion	CEO. Please include the well con:	ic water supply must have plans approved for struction approval letter with your submittal luation. Based on review of this submitted
1.	Site map	o(s) at appropriate scales showing Final location of the well with c	g the following: [§290.41(c)(3)(A)]
	(ii) (iii)	Named roadways; All property boundaries within	150 feet of the final well location and the
	☐ (iv)	property owners' names; Concentric circles with the fina 10 feet, 50 feet, 150 feet, and ½	well location as the center point with radii of mile;
	(v)	Any site improvements and exis	sting buildings;
	(vi)	Any existing or potential pollut	ion hazards; and
	∐ (vii)	Map must be scalable with a no	rth arrow. erty on which the well is located showing the
2.	A copy (Public M	Inter System (PWS) as the landow	mer, and/or any of the following:
		1(c)(1)(F)(iv)]	
	(i)	Sanitary control easements (file county clerk's stamp) covering by the PWS (for a sample easem	ed at the county courthouse and bearing the all land within 150 feet of the well not owned next see TCEO Form 20698):
	[] (ii)	For a political subdivision, a coadonted and enforced by the pe	py of an ordinance or land use restriction olitical subdivision which provides an nitary protection to the well as a sanitary
	[] (iii)	A copy of a letter granting an e issued by TCEQ's Technical Rev	xception to the sanitary control easement rule view and Oversight Team.
3.	Construct	ion data on the completed well:	[§290.41(c)(3)(A)]
	☐ (i)	Final installed pump data inclu	ding capacity in gallons per minute (gpm), t, motor horsepower, and setting depth;
	☐ (ii)	Rore hole diameter(s) (must be	3" larger than casing OD) and total well depth;
	(iii)	Casing size, length, and materi	al (e.g. 200 lf of 12" PVC ASTM F480 SDR-17);
	(iv)	Length and material of any scre	eens, blanks, and/or gravel packs utilized;
	(v)	Cementing depth and pressure	method (one of the methods in latest revision endix C, excluding the dump bailer and tremie

Revised 12/2019 Page 1 of 3

(vi) Driller's geologic log of strata penetrated during the drilling of the well;

methods);

(vii) Cementing certificate; and

Public Well Completion Data Checklist for Approval to Use (Step 2)

	(viii) Copy of the official State of Texas Well Report (some of the preceding data is included on the Well Report).
4.	A U.S. Geological Survey 7.5-minute topographic quadrangle map (include quadrangle
	name and number) or a legible copy showing the location of the completed well;
	[§290.41(c)(3)(A)]
5.	Record of a 36-hour continuous pump test on the well showing stable production at the
	well's rated capacity. Include the following: [§290.41(c)(3)(G)]
	\square (i) Test pump capacity in gpm, tdh in feet, and horsepower of the pump motor;
	[(ii) Test pump setting depth;
	[(iii) Static water level (in feet); and
	(iv) Draw down (in feet).
6.	Three bacteriological analysis reports for samples collected on three successive days
	showing raw well water to be free of coliform organisms. Reports must be for samples
	of raw (untreated) water from the disinfected well and submitted to a laboratory
	accredited by TCEQ, accredited to perform these test; and [§290.41(c)(3)(F)(i)]
7.	Chemical analysis reports for well water samples showing the water to be of acceptable
	quality for the most problematic contaminants listed below. Reports must come from a
	laboratory accredited by TCEQ; accredited to perform these tests. Maximum
	contaminant level (MCL) and secondary constituent level (SCL) units are in milligrams
	per liter (except arsenic which is in micrograms per liter). [§290.41(c)(3)(G) and§290.104
	and §290.1051

Table 1: Primary Constituents with Maximum Contaminant Level (MCL)

PRIMARY	MCL
Nitrate	10 (as N)
Nitrite	1 (as N)
Arsenic	10
Fluoride	4.0

Table 2: Secondary Constituents with Secondary Contaminant Level (SCL)

SECONDARY	SCL	
Aluminum	0.2	
Copper	1.0	
Iron	0.3	
Manganese	0.05	
Zinc	5.0	
Total Dissolved Solids	1,000	
Fluoride	2.0	
Sulfate	300	
Chloride	300	
pH	> 7.0	

Public Well Completion Data Checklist for Approval to Use (Step 2)

Table 3: Water Quality Parameters

PARAMETER	UNITS
Alkalinity as CaCO3	mg/L
Calcium as CaCO3	mg/L
Sodium	mg/L
Lead*	mg/L

Lead is regulated by the lead and copper rule. This analyte is to document the amount of lead in the source water. The level shall be less than 0.010 mg/L for approval to use.

All systems located in a high-risk county (see page 3) shall submit radiological analysis reports for water samples showing the water to be of acceptable quality for the contaminants listed below. Reports must come from a TCEQ accredited laboratory for approval to use of the well.

Table 4: Radionuclides with Maximum Contaminant Level (MCL)

CONTAMINANT	MCL
Gross alpha	15 pCi/L
Radium-226/228	5 pCi/L
Beta particle	50 pCi/L
Uranium	30 μg/L

WHERE: pCi/L = pico curies per liter, $\mu g/L = micrograms$ per liter

Please be aware when you review your radiological data that if the report has gross alpha over 15 pCi/L and individual uranium isotopes are not reported, you will have to resample or reanalyze and resubmit radionuclide results. If you see gross alpha plus radium-228 over 5 pCi/L, and don't have radium-226, you will have to resample or reanalyze and resubmit complete results.

List of Counties Where Radionuclide Testing Is required

Please be aware that we have added the requirement for analysis for radionuclides for high risk counties. For elevated levels of any contaminants found in a test well, treatment or blending may be required.

Table 5: List of Counties where Radionuclide Testing is required

COUNTY				
Atascosa	Bandera	Bexar	Bosque	Brazoria
Brewster	Burnet	Concho	Culberson	Dallam
Dawson	Erath	Fort Bend	Frio	Garza
Gillespie	Gray	Grayson	Harris	Hudspeth
Irion	Jeff Davis	Jim Wells	Kendall	Kent
Kerr	Kleberg	Liberty	Llano	Lubbock
McCulloch	Mason	Matagorda	Medina	Midland
Montgomery	Moore	Parker	Pecos	Polk
Presidio	Refugio	San Jacinto	San Saba	Tarrant
Travis	Tyler	Upton	Val Verde	Victoria
Walker	Washington	Wichita	Williamson	Zavala

		- T
		3.
		5.

STATE OF TEXAS COUNTY OF FORT BEND

We, TEJAS LANDING DEVELOPMENT, LLC, a Texas limited liability company, acting by and through Scott Lease and James Garrett, Managing Memebers, hereinafter referred to as Owners of the 94.248 acre tract described in the above and foregoing plat of TEJAS LANDING SUBDIVISION, do hereby make and establish said subdivision of said property according to all lines, dedications, restrictions and notations on said plat and hereby dedicate to the use of the public forever, all streets, alleys, parkes, watercourses, drains, easements and public places shown thereon for the purposes and considerations therein expressed; and do hereby bind ourselves, our heirs, successors and assigns to warrant and forever defend the title to the land so dedicated.

FURTHER, Owners do hereby declare that all parcels of land designated as lots on this plat are intended for the construction of single family residential dwelling units thereon (or the placement of mobile homes) and shall be restricted for same under the terms and conditions of such restrictions filed seperately.

FURTHER, Owners do hereby covenant and agree that all of the property within the boundaries of this plat is hereby restricted to prevent the drainage of any septic tanks into any public or private street, permanent access easement, road or alley or any drainage ditch, either directly or indirectly.

FURTHER, Owners do hereby covenant and agree that all of the property within the boundaries of this plat and adjacent to any drainage easement, ditch, gully, creek or natural drainage way shall hereby be restricted to keep such drainage ways and easements clear of fences, buildings, planting and other obstructions to the operations and maintenance of the drainage facility and that such abutting property shall not be permitted to drain directly into this easement except by means of an approved drainage structure.

FURTHER, we do hereby acknowledge the receipt of the "Orders for Regulation of Outdoor Lighting in the Unincorporated Areas of Fort Bend County, Texas", and do hereby covenant and agree that this site has complied with or has exceeded all lighting regulations as defined within this order as adopted by Fort Bend County Commissioners' Court on March 23, 2004, and any subsequent amendments.

IN TESTIMONY WHEREOF, the TEJAS LANDING DEVELOPMENT, LLC, a Texas limited liability company, has caused these presents to be signed by Scott Lease, Managing Member, and James Garrett, Managing Member, hereunto authorized this the ____ day of .

By: TEJAS LANDING DEVELOPMENT, LLC, a Texas limited liability company

Scott Lease, Managing Member

James Garrett, Managing Member

STATE OF TEXAS

Before me, the undersigned authority, on this day personally appeared Scott Lease and James Garrett, Managing Members of TEJAS LANDING DEVELOPMENT, LLC, a Texas limited liability company, respectively, known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged to me that they executed the same for the purposes and considerations therein expressed and in the capacity therein and herein stated, and as the act and deed of said corporation

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the _____ day of ____, 20____.

> Notary Public in and for the State of Texas

My Commission Expires:

I, Robert Kness, am authorized under the laws of the State of Texas to practice the profession of surveying and hereby certify that the above subdivision is true and accurate; was prepared from an actual survey of the property made under my supervision on the ground; that, except as shown all boundary corners, angle points, points of curvature and other points of reference have been marked with iron (or other objects of a permanent nature) pipes or rods having an outside diameter of not less than five eighths (5/8) inch and a length of not less than three (3) feet; and that the plat boundary corners have been tied to the Texas Coordinate System of 1983, south central zone.



Registered Professional Land Surveyor Texas Registration No. 6486

ENGINEER'S PLAT AFFIDAVIT

, a Professional Engineer registered in the State of Texas do hereby certify that this plat meets all requirements of Fort Bend County to the best of my knowledge.

(Signature and Title)

BENCHMARK PUBLISHED ELEVATION - 88.2' N.G.S. HGCSD 71 (1987) [PID AW5478] — TOP OF STAINLESS STEEL ROD IN CAP OF NORTHEAST SIDE OF STATE HIGHWAY NO. 36 NEAR NORTHEAST END OF SOUTHERNMOST DRIVEWAY ENTRANCE TO AMERICAN LEGION HALL (CURRENTLY KNIGHTS OF COLUMBUS HALL No. 7067) IN NEEDVILLE. (NAVD88)

TBM 1 ELEVATION = 89.68'SET COTTON PICKER SPINDLE IN POWER POLE AT SOUTHEAST CORNER OF TRACT: LOCATED ON SOUTHWEST SIDE OF FOERSTER SCHOOL ROAD AT 2000 FEET SOUTHEAST OF WILLIAMS SCHOOL ROAD. X = 2,975,846.3

TBM 2 ELEVATION = 88.88'SET COTTON PICKER SPINDLE IN POWER POLE AT NORTHEAST CORNER OF TRACT; LOCATED ON SOUTHWEST SIDE OF FOERSTER SCHOOL ROAD AT 2000 FEET SOUTHEAST OF WILLIAMS SCHOOL ROAD.

Y = 13,791,888.5'

X = 2,975,390.4

Y = 13,721,197.5'

ABBREVIATIONS

A.E. - AERIAL EASEMENT D.E. - DRAINAGE EASEMENT ESMT. - EASEMENT FND — FOUND F.B.C.C.F. - FORT BEND COUNTY CLERKS FILE

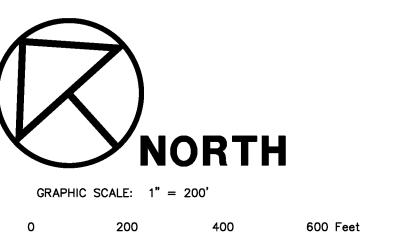
F.B.C.D.R. - FORT BEND COUNTY DEED RECORDS F.B.C.P.R. - FORT BEND COUNTY PLAT RECORDS IP - IRON PIPE IR - IRON ROD

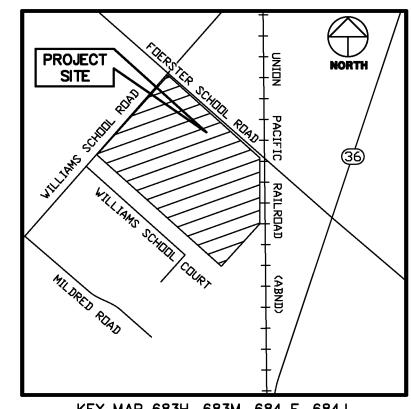
NO. - NUMBER PG. – PAGE R.O.W. - RIGHT-OF-WAY AC. - ACRES

SQ. FT. - SQUARE FEET VOL. - VOLUME B.L. - BUILDING LINE TBM - TEMPORARY BENCHMARK W.L.E. - WATER LINE EASEMENT

S.S.E. - SANITARY SEWER EASEMENT UTILITY EASEMENT - SET 5/8" CAPPED IR "WINDROSE"







KEY MAP 683H, 683M, 684 E, 684J FORT BEND COUNTY, TEXAS **VICINITY MAP** SCALE: 1" = 1.500'

I, J. Stacy Slawinski, P.E., Fort Bend County Engineer, do hereby certify that the plat of this subdivision complies with all the existing rules and regulations of this Office as adopted by the Fort Bend County Commissioners' Court. However, no certification is hereby given as to the effect of drainage from this subdivision on the intercepting drainage artery, parent stream, or any other area or subdivision within the watershed.

> J. Stacy Slawinski, P.E. Fort Bend County Engineer

APPROVED by the Commissioners' Court of Fort Bend County, Texas, this, the _____

KP George

County Judge

Vincent M. Morales, Jr.

W. A. "Andy" Meyers

Commissioner, Precinct 3

Ken R. DeMerchant Commissioner, Precinct 4

____, 20__, at _____ o'clock___.M. , and duly recorded on

Grady Prestage

Commissioner, Precinct 2

I, Laura Richard, County Clerk in and for Fort Bend County, hereby certify that the foregoing instrument with its certificate of authentication was filed for recordation in my

_, 20__, in Plat No. ______ of the Map Records of Fort Bend County, for said county.

Witness my hand and seal of office, at Richmond, Texas, the day and date last above written.

Laura Richard Clerk of the County Court of Fort Bend County, Texas

TEJAS LANDING SUBDIVISION

A SUBDIVISION OF 94.248 ACRES OR 4,105,425 SQUARE FEET SITUATED IN THE H&TC RR CO SURVEY, ABSTRACT NO. 240 FORT BEND COUNTY, TEXAS

1 BLOCK 5 RESERVES 96 LOTS

MAY 2022

Owner

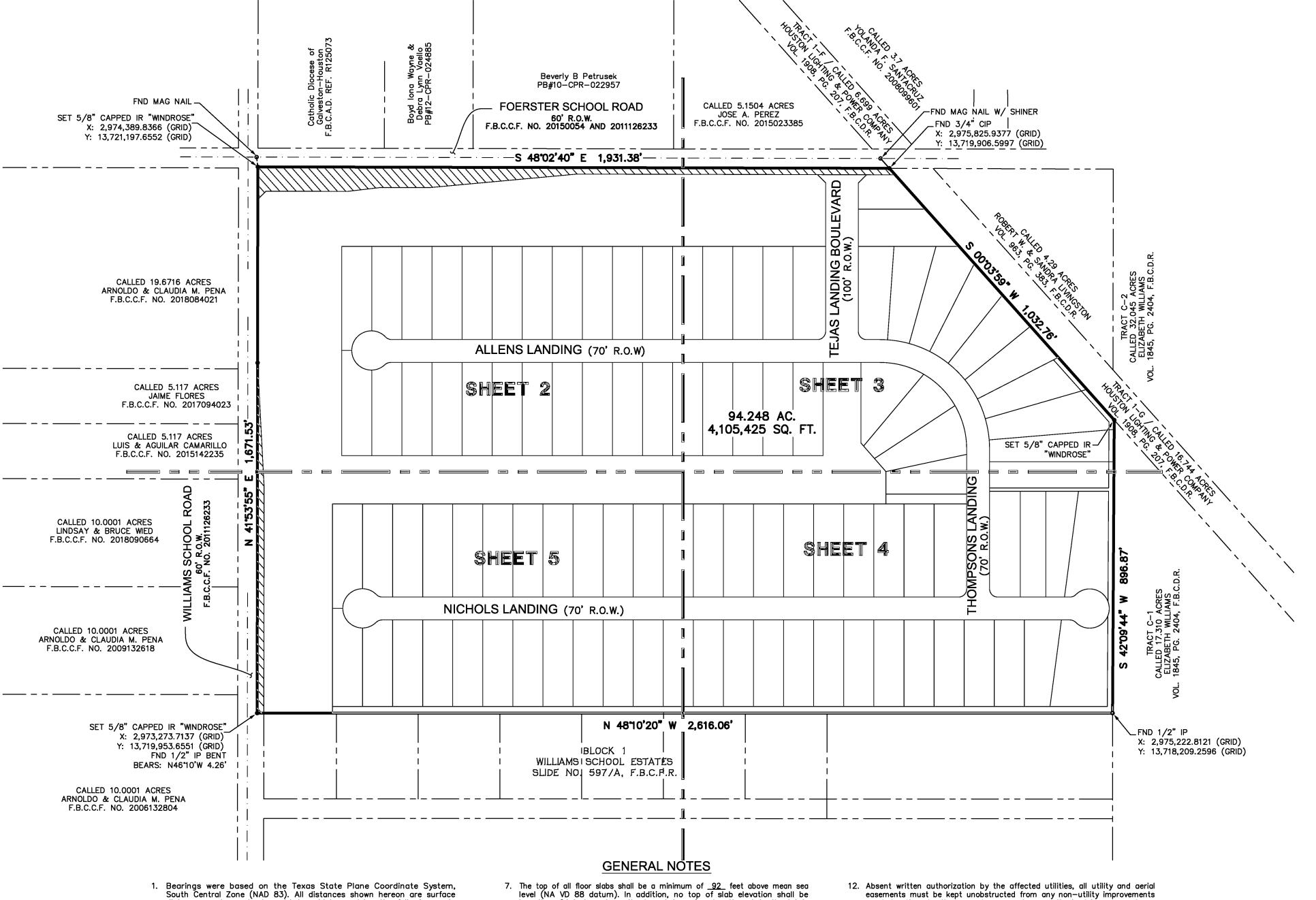
TEJAS LANDING DEVELOPMENT, LLC. A TEXAS LIMITED LIABILITY COMPANY

> 1860 FM 369, #123 RICHMOND, TEXAS 77406 832-236-6180

> > Surveyor



LAND SURVEYING I PLATTING 11111 RICHMOND AVE., SUITE 150 | HOUSTON, TX 77082 | 713.458.2281 FIRM REGISTRATION NO. 10108800 | WINDROSESERVICES.COM



distances and may be brought to grid by applying the follwoing scale factor: 0.99986486.

- 2. According to the Federal Emergency Agency (FEMA), Flood Insurance Rate Map (FIRM) for Fort Bend County, Texas, Map No. 48157C0400M revised/dated January 29, 221, the subject tract appears to lie within unshaded zone "X". This determination was done by geographic plotting and is approximate only, and has not been field verified. This flood statement does not imply that the property or structures thereon willbe free from flooding or flood damage. On rare occasions floods can and will occur and flood heights may be increased by man—made or natural causes. This flood statemement shall not create liability on the part of Windrose Land Services.
- 3. All of the property located in this plat is within Fort Bend County, Wharton County Jr College, County Assistance District 20, and City of Needville Independent School District.
- 4. All pipeline easements within the subject property are shown heron, based on the title research provided in the City Planning Letter prepared by Texas American Title Company dated, August 13, 2021.
- 5. This property lies within Light Zone LZ2 of the Fort Bend County 6. All drainage easements shall be kept clear of fences, building,

maintenance of the drainage facility.

vegetation, and other obstructions for the purpose of the operation and

- less than 24 inches above the lowest top of curb adjacent to the lot in which it lies. In the absence of a curb, the top of slab elevation shall be no less than 24 inches above the highest natural ground along the perimeter of the building foundation and 12 inches above any down gradient roadway or drainage restraint, whichever is higher.
- 8. The drainage system for this subdivision shall be designed to meet the requirements of the Fort Bend County drainage criteria manual which allows for street ponding with intense rainfall events.

9. All property to drain into a drainage easement only through an approved

- drainage structure.
- 10. Subject to Section 7 (Greenspace Regulations) of the Fort Bend County Regulations of Subdivisions
- 11. Unless otherwise indicated, the building lines (B.L.), whether one or more, shown on this subdivision plat are established to evidence compliance with the applicable provisions of Chapter 42, Code of Ordinances. City of Houston, Texas, in effect at the time this plat was approved, which may be amended from time to time.
- or obstructions by the property owner. Any unauthorized improvements or obstructions may be removed by any public utility at the property owner's expense. While wooden posts and paneled wooden fences along the perimeter and back to back easements and alongside rear lots lines are permitted, they too may be removed by public utilities at the property owner's expense should they be an obstruction. Public Utilities may put said wooden posts and paneled wooden fences back up, but generally will

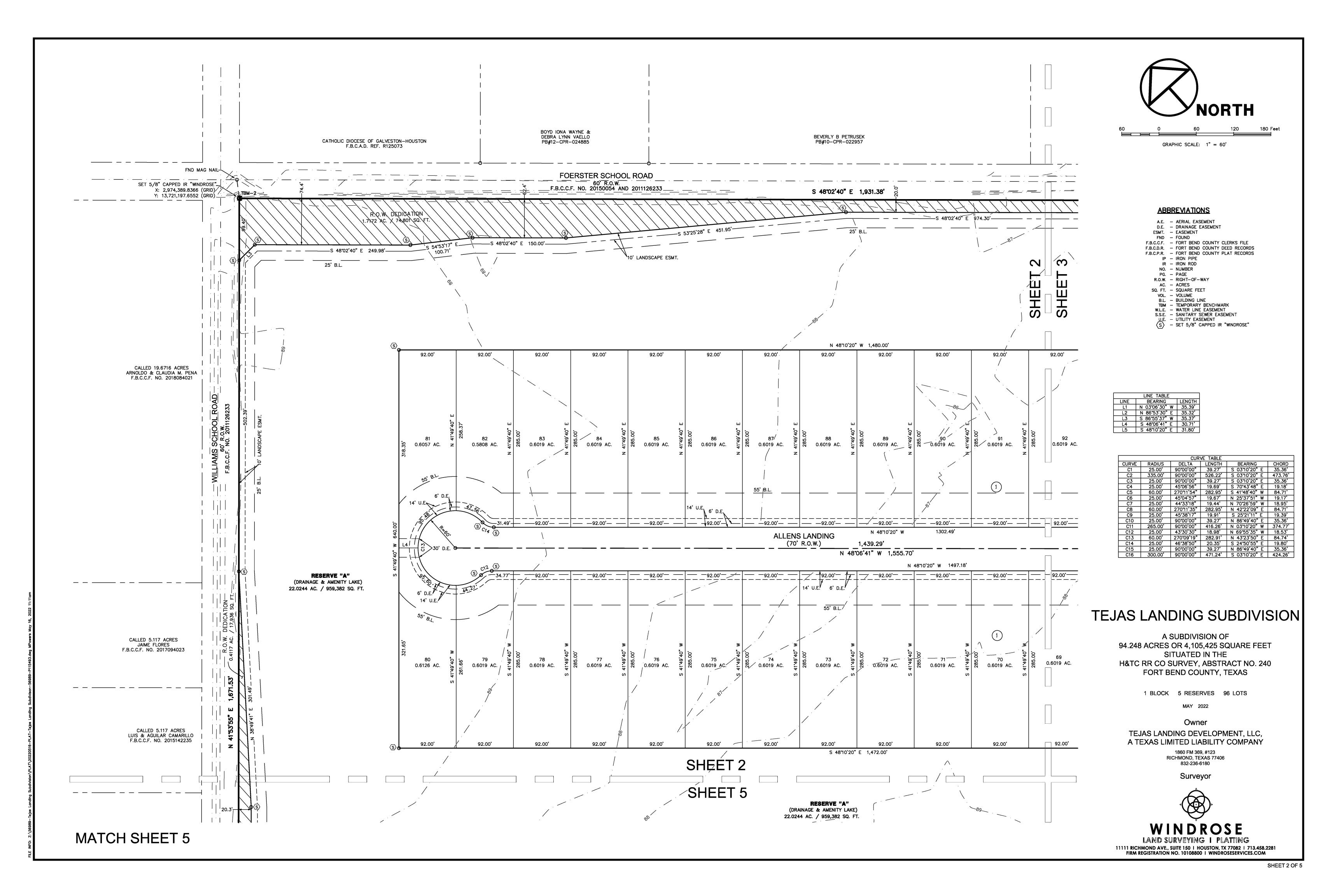
not replace with new fencing.

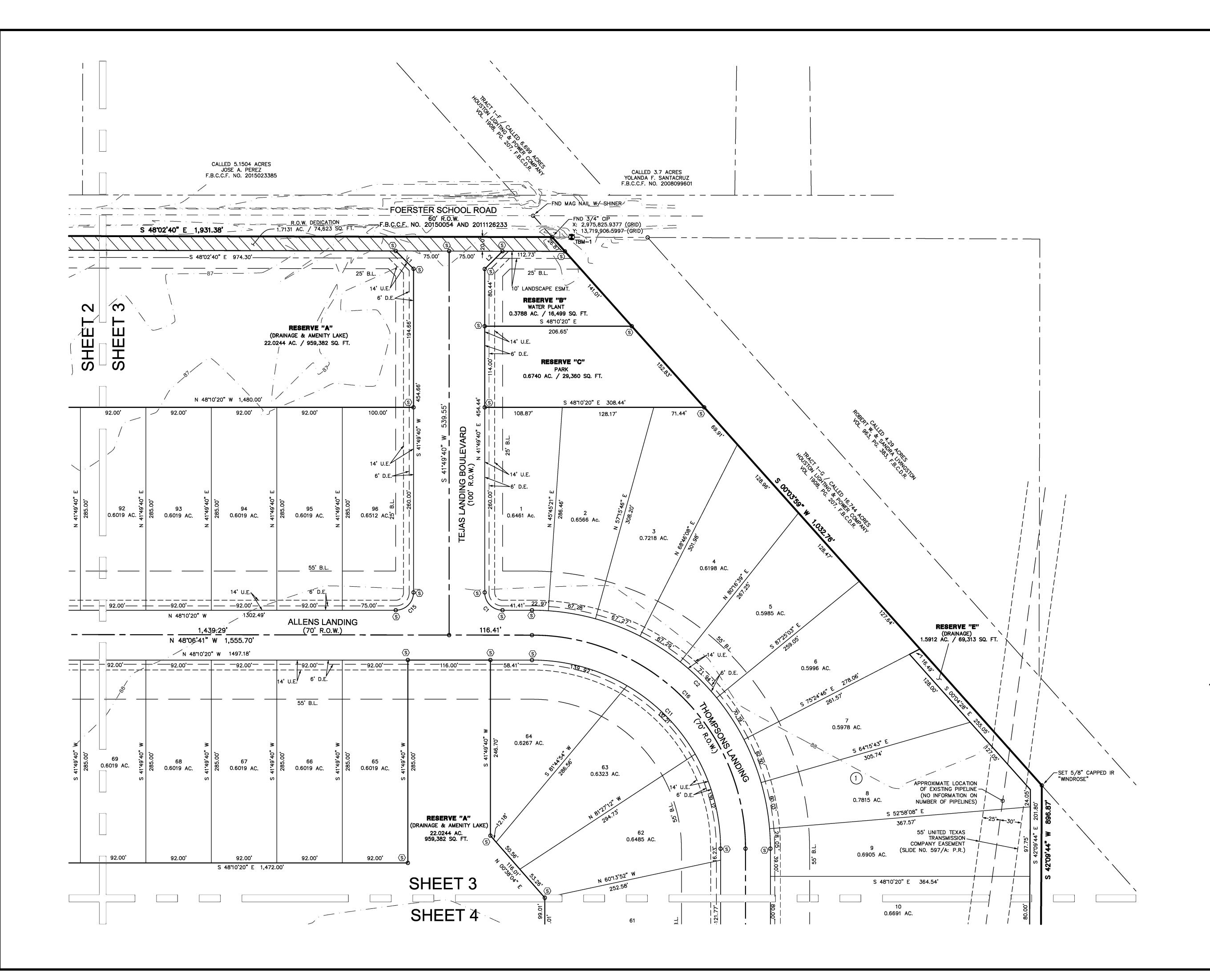
does hereby affect the tract.

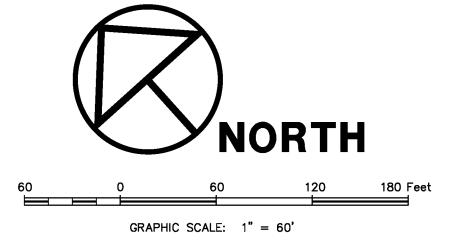
- 13. A minimum distance of 10' shall be maintained between residential dwellings.
- 14. Site plans shall be submitted to Fort Bend County and any other applicable jurisdiction fro review and approval to obtain a Development Permit. Development Permits and all other applicable permits shall be obtained from Fort Bend County prior to beginning construction.
- 15. All drainage and detention reserves shall be maintained by the Municipal Utility District. However, Fort Bend County reserves the right to maintain these drainage facilities, if necessary.
- between a front facing garage and the edge of the sidewalk. 17. An unlocated pipeline easement granted to Houston Gulf Gas Company, as set forth by instrument recorded in Volume 112, Page 137, of the Deed Records of Fort Bend County, Texas

16. The minimum distance of twenty—two (22) feet shall be maintained

18. An unlocated pipeline easment granted to N.C. McGowen, Trustee, as set forth by instrument recorded in Volume 134, Page 278, of the Deed Records of Fort Bend County, Texas and assigned to Houston Gulf Gas Company, by instrument recorded in Volume 151, Page 81, of the Deed Records of Fort Bend County, Texas does hereby affect the tract.







LINE TABLE				
LINE	BEARING	LENGTH		
L1	N 03°06'30" W	35.39		
L2	N 86°53'30" E	35.32		
L3	S 86°55'37" W	35.37		
L4	S 48°06'41" E	30.71		
L5	S 4810'20" E	31.80'		
•				

CURVE TABLE					
CURVE	RADIUS	DELTA	LENGTH	BEARING	CHORD
C1	25.00'	90'00'00"	39.27	S 03'10'20" E	35.36'
C2	335.00'	90'00'00"	526.22'	S 0310'20" E	473.76'
C3	25.00'	90°00'00"	39.27'	S 0310'20" E	35.36'
C4	25.00'	45*06'56"	19.69'	S 70°43'48" E	19.18'
C5	60.00'	27011'54"	282.95'	S 41°48'40" W	84.71'
C6	25.00'	45*04'57"	19.67'	N 25'37'51" W	19.17'
C7	25.00'	44'33'18"	19.44'	N 70°26'59" W	18.95'
C8	60.00'	27011'35"	282.95'	N 42°22'09" E	84.71'
C9	25.00'	45'38'17"	19.91'	S 25°21'11" E	19.39'
C10	25.00'	90'00'00"	39.27'	N 86°49'40" E	35.36'
C11	265.00'	90'00'00"	416.26'	N 0310'20" W	374.77
C12	25.00'	43°30'30"	18.98'	N 69*55'35" W	18.53'
C13	60.00'	270'09'19"	282.91	N 43°23'50" E	84.74'
C14	25.00'	46'38'50"	20.35'	S 24°50'55" E	19.80'
C15	25.00'	90'00'00"	39.27'	N 86'49'40" E	35.36'
C16	300.00'	90'00'00"	471.24'	S 03"10'20" E	424.26'

TEJAS LANDING SUBDIVISION

A SUBDIVISION OF
94.248 ACRES OR 4,105,425 SQUARE FEET
SITUATED IN THE
H&TC RR CO SURVEY, ABSTRACT NO. 240
FORT BEND COUNTY, TEXAS

1 BLOCK 5 RESERVES 96 LOTS

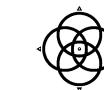
MAY 2022

Owner

TEJAS LANDING DEVELOPMENT, LLC, A TEXAS LIMITED LIABILITY COMPANY

1860 FM 369, #123 RICHMOND, TEXAS 77406 832-236-6180

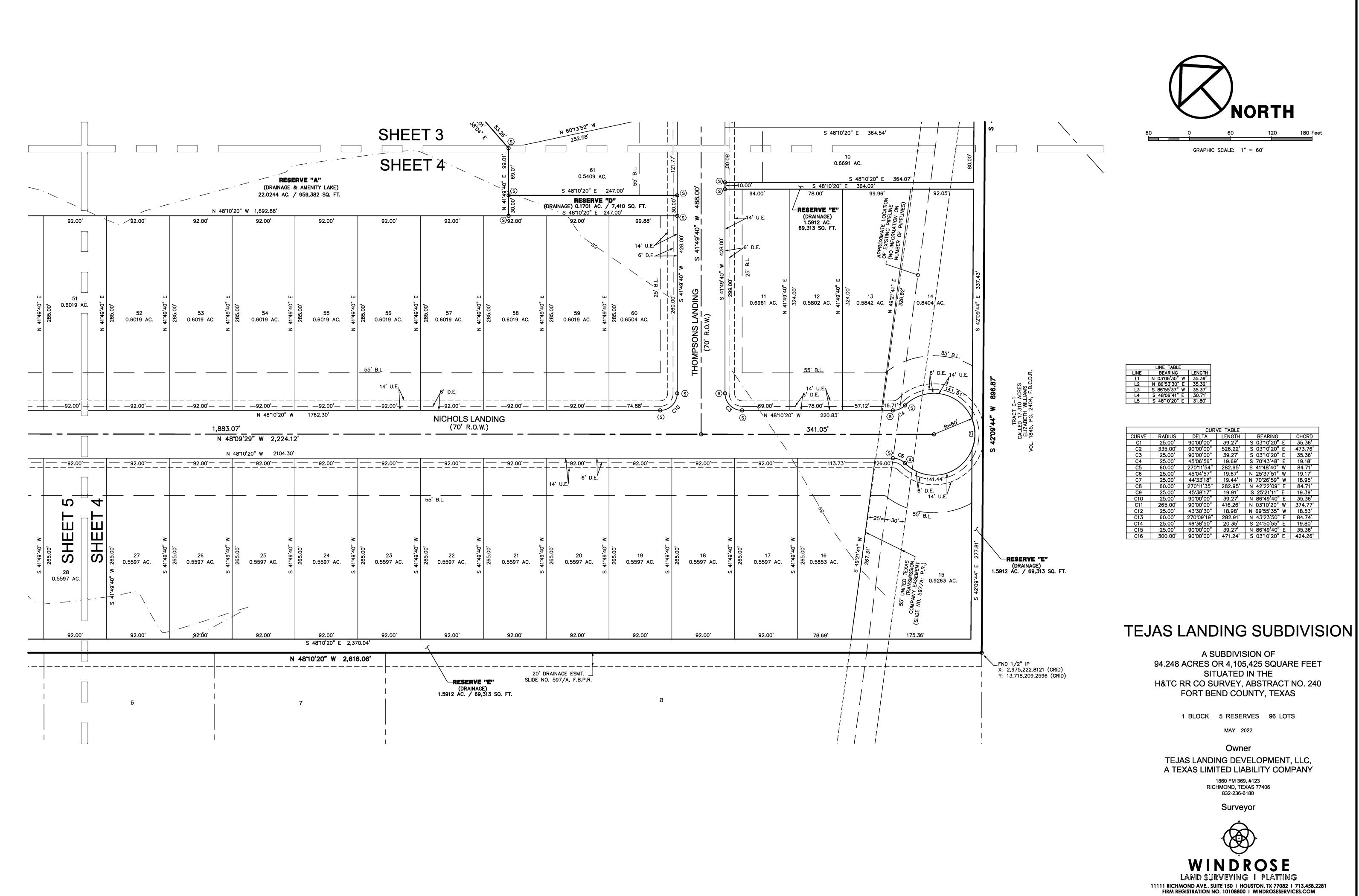
Surveyor

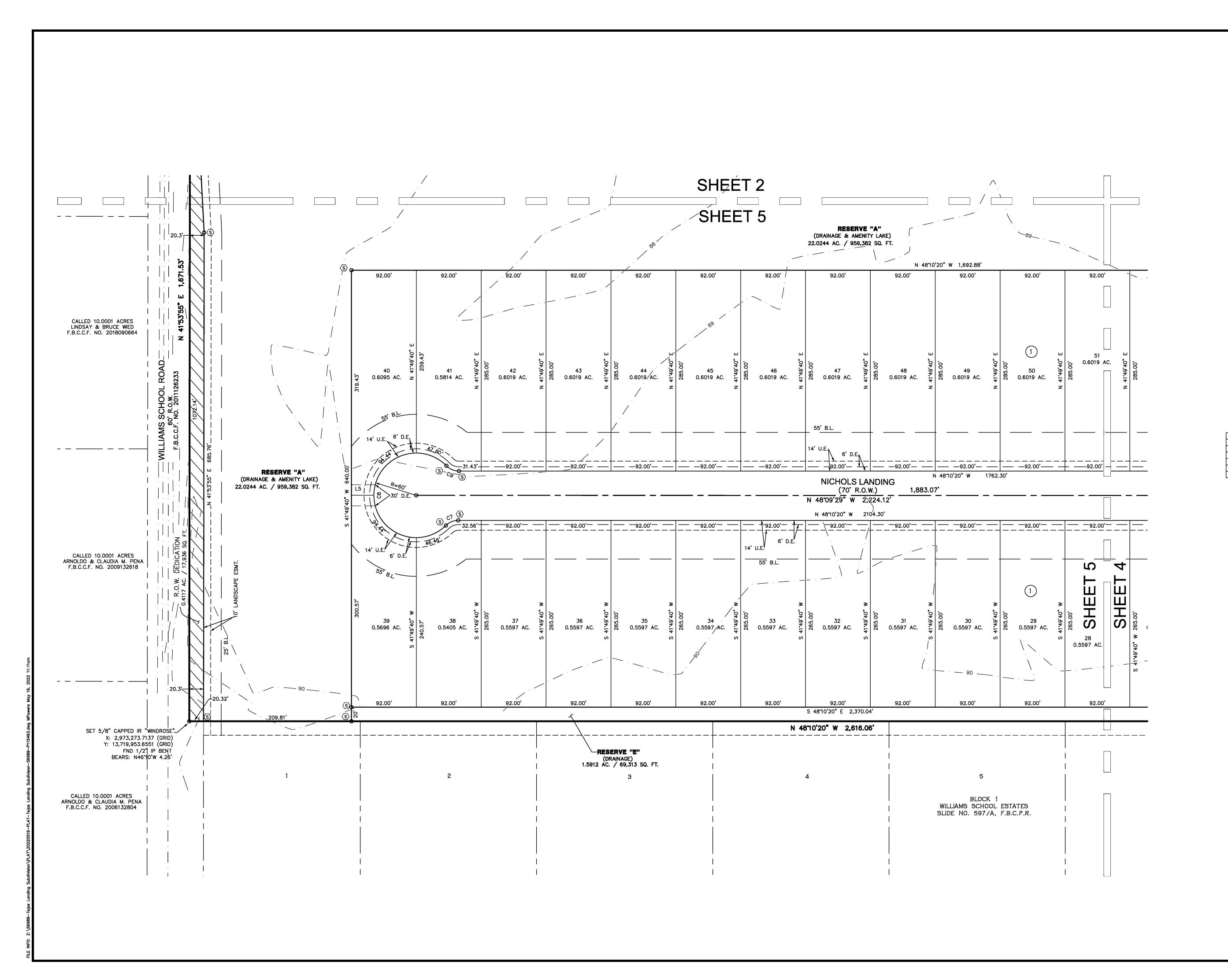


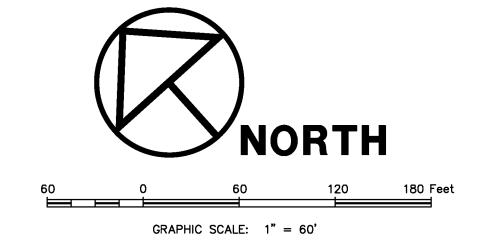
WINDROS

LAND SURVEYING I PLATTING

11111 RICHMOND AVE., SUITE 150 I HOUSTON, TX 77082 I 713.458.2281
FIRM REGISTRATION NO. 10108800 I WINDROSESERVICES.COM







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MAY 2022

Owner
AS LANDING DEVELOPME

TEJAS LANDING DEVELOPMENT, LLC, A TEXAS LIMITED LIABILITY COMPANY

1860 FM 369, #123 RICHMOND, TEXAS 77406 832-236-6180



Surveyor

WINDROSE LAND SURVEYING I PLATTING

LAND SURVEYING I PLATTING

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