

May 29, 2024 AVO 37449.004

Ms. Ramie Hammonds Development Services Director/Building Official City of Sanger 201 Bolivar Street P.O. Box 1729 Sanger, Texas 76266

Re: Sanger Circle Phase 7 Preliminary Plat -Review #1

Dear Ms. Hammonds,

Halff Associates, Inc. was requested by the City of Sanger to review the <u>Preliminary Plat</u> for Sanger Circle Phase 7. The submittal was prepared by Middleton and Associates, LLC and was dated May 15, 2024.

We have completed our review and offer the following comments:

Please address comments on attached markups and provide annotated responses on markups. Please note, not all comments are written on letter since some comments are easier to show and explain on the markups. Please annotate markup with responses.

Cover

1. For clarity remove numbers as they are not used as identifiers on the sheets

Preliminary Plat Comments

1. Provide an additional drainage easement for the proposed swale shown in the grading plan.

Grading Plan/Grading Details Comments

- 1. Flume invert does not match the contours.
- 2. For clarity, be consistent with the naming convention of the flume in the detail and profile.

Storm Drain Detail Comments

1. Provide a Y inlet detail

Sanitary Sewer Plan and Profiles Comments

1. Line 1 does not meet TCEQ standards for water crossings. Specify how TCEQ will be met.

Ms. Ramie Hammonds July 14, 2023 Page 2 of 2

If you have any questions or need additional information, please do not hesitate to call me at (214) 937-3928.

Sincerely,

Jamie Akomer, PE, PMP

HALFF ASSOCIATES, INC.

Firm No. 0312

Attachments: Plat markups

CONSTRUCTION PLANS FOR PAVING, GRADING, EROSION CONTROL, STORM DRAINAGE, WATER & SANITARY SEWER

SANGER CIRCLE, PHASE 7 CITY OF SANGER, TEXAS

PROJECT DIRECTORY

SURVEYOR

JOHN COWAN & ASSOCIATES, INC.

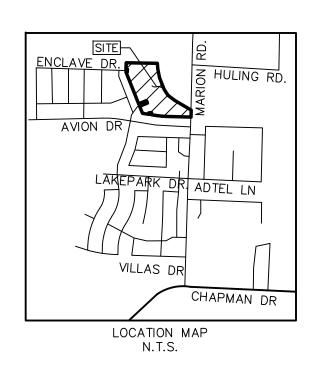
10147 CR 135

FLINT, TEXAS 75762

903-581-2238

OWNER - DEVELOPER:
SANGER LAND DEVELOPMENT LLC
101 FOREST BEND DRIVE
COPPELL, TEXAS 75019
JONATHAN WANG
214-316-2256

GEOTECHNICAL ENGINEER: FARGO CONSULTANTS, INC. 2324 FABENS ROAD DALLAS, TEXAS 75229 214-352-4100



SECOND SUBMITTAL 5-15-24 For Review Only FPT1 PRELIMINARY PLAT
FPT2 PRELIMINARY PLAT
NOTE1 GENERAL CONSTRUCTION NOTES

PAVING PLAN & PROFILES
P1 ENCLAVE DRIVE STA. 16+51.90-21+50
P2 THISTLE DRIVE STA. 21+50-27+50
P3 THISTLE DRIVE STA. 27+50-END
P4 BRIDLE PATH STA. 3+09.00-END
P5 OLIVIA LANE STA. 1+67.36-END
P6 FIRELANE DEMOLITION PLAN

PAVING DETAILS
DT-P1 PAVING DETAILS

LOT GRADING PLANS G1 LOT GRADING PLAN G2 LOT GRADING PLAN

LOT GRADING DETAILS
DT-GR1 GRADING DETAILS

EROSION CONTROL PLAN
ERO1 EROSION CONTROL PLAN
ERO2 EROSION CONTROL DETAILS
ERO3 EROSION CONTROL DETAILS

DRAINAGE
DAM1 DRAINAGE AREA MAP — EX. CONDITIONS
DAM2 DRAINAGE AREA MAP — DEVELOPED
CALC1 DRAINAGE AREA & INLET CALCS.
CALC2 HYDRAULIC CALCS.

STORM DRAIN PLAN & PROFILE
ST-ALL OVERALL STORM DRAIN PLAN
ST1 ST LINE A & B
ST2 ST LINE C & C4
ST3 ST LINE E
ST4 ST LINE D

STORM DRAIN DETAILS
DT-ST1 STORM DRAIN DETAILS
DT-ST2 STORM DRAIN DETAILS

SANITARY SEWER PLAN & PROFILE
SS-ALL OVERALL SEWER PLAN
SS1 SS LINE 1 STA. 4+33-9+00
SS2 SS LINE 1 STA. 9+00-END
SS3 SS LINE 2
SS4 SS LINE 3
SS5 SS LINE 8

<u>SEWER DETAILS</u> DT-SS1 SEWER DETAILS

SS6 SS LINE 6

WATER PLAN
W-ALL OVERALL WATER PLAN
W1 WATER PLAN
W2 WATER PLAN

WATER DETAILS
DT-W1 WATER DETAILS
DT-W2 WATER DETAILS

SIDEWALK, STREET LIGHT, & SIGNAGE PLAN



THE CONTRACTOR SHALL USE THE CITY OF SANGER'S STANDARD CONSTRUCTION DETAILS FOR THIS PROJECT.

CAUTION!!! UNDERGROUND UTILITIES!!!

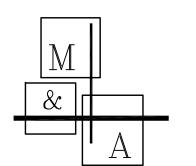
EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE IFORMATION SUPPLIED BY VARIOUS OWNERS OF THE FACILITIES. THE ENGINEER DOES NOT ACCEPT THE RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING FACILITIES. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE BY THE CONTRACTOR TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE. CONTACT ALL

POSSIBLE UTILITY AND UNDERGROUND FACILITY OWNERS.



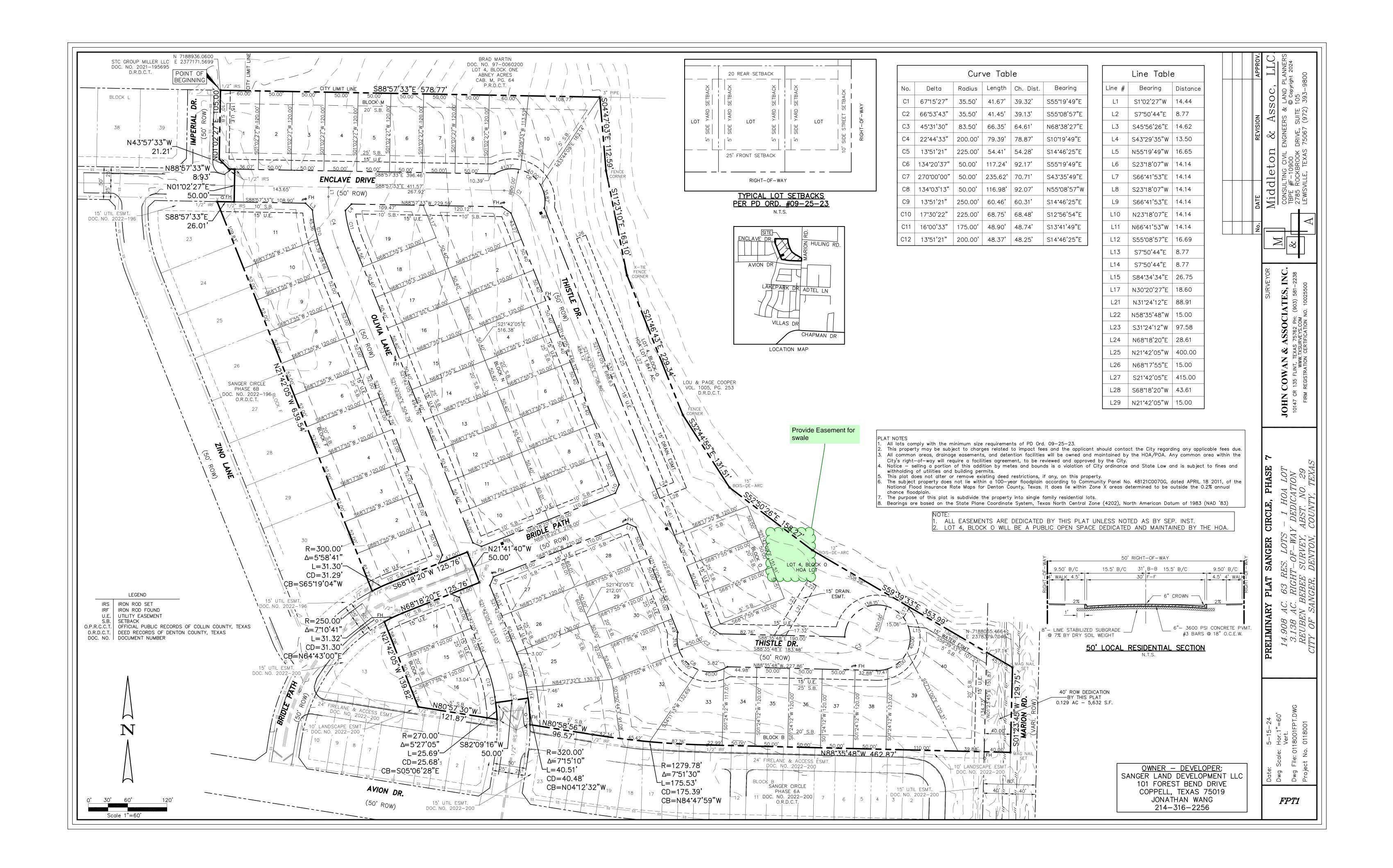
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY FLOYD E. MIDDLETON, JR., PE REGISTRATION #67449 ON 5-15-24. ANY ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

PROJECT ENGINEER:



Middleton & Associates, LLC.

CONSULTING CIVIL ENGINEERS & LAND PLANNERS
TBPE #F-10900 © Copyright 2024
2785 ROCKBROOK DRIVE, SUITE 105
LEWISVILLE, TEXAS 75067 (972) 393-9800



OWNERS CERTIFICATE

STATE OF TEXAS COUNTY OF DENTON

WHEREAS, Sanger Land Development LLC is the owner of that certain lot, tract, or parcel of land, being part of the Reuben Bebee Survey, Abstract No. 29, Denton County, Texas, and being part of that certain called 223.35 acre tract described in a deed from North Park Estates Trust to Sanger Land Development LLC on February 15, 2019, recorded in Denton County Clerk's File No. (DCCFN) 2019—16167 of the Official Public Records of Denton County, Texas, and being more completely described as follows, to-wit:

BEGINNING at a ½" iron rod (set) for the Northeast terminus of Imperial Drive as shown on the plat of Sanger Circle, Phase 6B, recorded in DCCFN 2022-196, in the North line of the above mentioned 223.35 acre tract, in the South line of the STC Group Miller, LLC 202.69 acre tract recorded in DCCFN 2021-00195695;

THENCE South 88 deg. 57 min. 33 sec. East with the South line of the 202.69 acre tract, the South line of Lot 4, Block 1 of Abney Acres, as shown by plat of same recorded in Volume M, Page 64 of the Plat Records of Denton County, Texas (PRDCT), the North line of the 223.35 acre tract, a distance of 578.77 ft. to a 3" pipe fence corner post (found) for the Northeast corner of same, the Northwest corner of the Lou Henry Cooper 9.297 acre tract recorded in Volume 1005, Page 253;

THENCE southerly and generally with a fence, with the East line of the 223.35 acre tract, the West line of the 9.297 acre tract as follows:

South 04 deg. 47 min. 03 sec. East a distance of 112.59 ft. to a fence corner (found) for corner, South 11 deg. 23 min. 10 sec. East a distance of 163.10 ft. to a x-tie fence corner (found) for corner,

South 21 deg. 46 min. 43 sec. East a distance of 229.34 ft. to a 3" bois d'arc fence corner (found) for corner,

South 32 deg. 44 min. 55 sec. East a distance of 131.51 ft. to a 15" twin bois d'arc tree for corner,

South 52 deg. 50 min. 26 sec. East a distance of 158.27 ft. to a 12" triple bois d'arc tree for corner,

and South 59 deg. 39 min. 33 sec. East a distance of 353.99 ft. to a mag nail (set) for an angle corner of the 223.35 acre tract, the South corner of the 9.297 acre tract, near the centerline of Marion Road;

THENCE South 01 deg. 23 min. 45 sec. West with the centerline of Marion Road, the East line of the 223.35 acre tract, a distance of 129.75 ft. to a mag nail (set) for the Northeast corner of 0.152 acre right of way dedication shown on the plat of Sanger Circle, Phase 6A, recorded in Document No. 2022-200, PRDCT;

THENCE North 88 deg. 35 min. 48 sec. West with the North line of the 0.152 acre right of way, at 39.97 ft. pass a ½" iron rod (found) for the Northwest of same, the Northeast corner of Block B of Sanger Circle, Phase 6A, and continue a total distance of 462.87 ft. to a ½" iron rod (found) for corner at the p.c. of a curve to the right;

THENCE westerly with the North line of Block B, with a curve to the right having a radius of 1279.78 ft., a chord of North 84 deg. 47 min. 59 sec. West — 175.39 ft., a distance of 175.53 ft. to a ½" iron rod (found) for corner at the p.t. of same;

THENCE North 80 deg. 58 min. 56 sec. West with the North line of Block B, a distance of 96.57 ft. to a ½" iron rod (set) for corner in the East right of way of Olivia Lane and a curve to the left;

THENCE with the East right of way of Olivia Lane, with a curve to the left having a radius of 320.00 ft., a chord of North 04 deg. 12 min. 32 sec. West - 40.48 ft., a distance of 40.51 ft. to a ½" iron rod (set) for corner, the Northeast terminus of Olivia Lane;

THENCE South 82 deg. 09 min. 16 sec. West with the North terminus of Oliva Lane, a distance of 50.00 ft. to a ½" iron rod (set) for corner at the Northwest terminus of same, in a curve to the right;

THENCE with the West right of way of Olivia Lane, with a curve to the right having a radius of 270.00 ft., a chord of South 05 deg. 06 min. 28 sec. East - 25.68 ft., a distance of 25.69 ft. to a ½" iron rod (set) for the Northeast corner of Block C;

THENCE with the Northeast line of Block C, North 80 deg. 57 min. 30 sec. West a distance of 121.87 ft. to a ½" iron rod (set) for and angle corner and North 21 deg. 42 min. 05 sec. West a distance of 139.82 ft. to a ½" iron rod (set) for the North corner of Block C, in the Southeast right of way of Bridle Path, in a curve to the right;

THENCE northeasterly with the Southeast right of way of Bridle Path, with a curve to the right having a radius of 250.00 ft., a chord of North 64 deg. 43 min. 00 sec. East — 31.30 ft., a distance of 31.32 ft. to a ½" iron rod (set) for corner at the p.t. of same;

THENCE North 68 deg. 18 min. 20 sec. East with the Southeast right of way of Bridle Path, a distance of 125.76 ft. to a ½" iron rod (set) for corner at the Southeast terminus of same;

THENCE North 21 deg. 41 min. 40 sec. West with the Northeast terminus of Bridal Path, a distance of 50.00 ft. to a ½" iron rod (set) for the North

THENCE South 68 deg. 18 min. 20 sec. West with the Northwest right of way of Bridal Path, a distance of 125.76 ft. to a ½" iron rod (set) for corner at the p.c. of a curve to the left;

THENCE southwesterly with the Northwest right of way of Bridal Path, with a curve to the left having a radius of 300.00 ft., a chord of South 65 deg. 19 min. 04 sec. West — 31.29 ft., a distance of 31.30 ft. to a ½" iron rod (found) for corner, the Southeast corner of Block F of Sanger Circle, Phase 6B;

THENCE North 21 deg. 42 min. 05 sec. West with the East line of Block F, a distance of 639.54 ft. to a ½" iron rod (found) for the Northeast corner of same, in the South right of way of Imperial Drive;

THENCE South 88 deg. 57 min. 33 sec. East with the South right of way of Imperial Lane, a distance of 26.01 ft. to a ½" iron rod (set) for corner at the Southeast terminus of same;

THENCE northerly with the East right of way of Imperial Drive as follows:

North 01 deg. 02 min. 27 sec. East with a distance of 50.00 ft. to a ½" iron rod (set) for corner,

North 88 deg. 57 min. 33 sec. West a distance of 8.93 ft. to a ½" iron rod (set) for corner,

North 43 deg. 57 min. 33 sec. West a distance of 21.21 ft. to a ½" iron rod (set) for corner, and North 01 deg. 02 min. 27 sec. East a distance of 105.00 ft. to the place of beginning, containing 14.908 acres or 649,410 square feet of land.

STATE OF TEXAS

I HEREBY CERTIFY THAT THIS PLAT IS TRUE AND CORRECT AND WAS PREPARED FROM AN ACTUAL SURVEY OF THE PROPERTY MADE ON THE GROUND UNDER MY SUPERVISION.



REGISTERED PUBLIC LAND SURVEYOR TEXAS R.P.L.S. NO. 5515

NOW,	THEREFORE,	KNOW	ALL	PERSONS	BY	THESE	PRESENTS:

THAT, Jonathan Wang acting herein by and through its duly authorized officer, does hereby adopt this plat designating the hereinabove described property as SANGER CIRCLE, PHASE 7, an addition to the City of Sanger. Texas, and does hereby dedicate to the public use forever by fee simple title, free and clear of all liens and encumbrances, all streets, thoroughfares, alleys, fire lanes, drive aisles, parks, and watercourses, and to the public use forever easements for sidewalks, storm drainage facilities, utilities and any other property necessary to serve the plat and to implement the requirements of the subdivision regulations and other City codes and do hereby bind ourselves, our heirs, successors and assigns to warrant and to forever defend the title on the land so dedicated. Further, the undersigned covenants and agrees that he/she shall maintain all easements and facilities in a state of good repair and functional condition at all times in accordance with City codes and regulations. No buildings, fences, trees, shrubs, or other improvements or growths shall be constructed or placed upon, over, or across the easements as shown, except that landscape improvements may be installed, if approved by the City of Sanger. The City of Sanger and public utility entities shall have the right to access and maintain all respective easements without the necessity at any time of procuring permission from

WITNESS MY HAND this day of	,	2024.
	Owner	
,	Title and Company	
State of Texas County of Denton		
Before me, the undersigned authority, on the whose name is subscribed to the foregoing the same for the purposes and consideration	instrument, and acknowled	dged to me that he/she execute
Given under my hand and seal of office this	s day of	, 2024.
Notary Public in and for the State of Texas		
Print Notary's Name		
My Commission Expires		

Preliminary Plat for Review Purposes Only Approved for Preparation of Final Plat City of Sanger, TX

Planning & Zoning Commission

INC.

FXAS ASSOCIATES, I LEXAS 75762 PH: (903) 581-; ATSSURVEYS.COM

JOHN 10147 CF

FPT2

