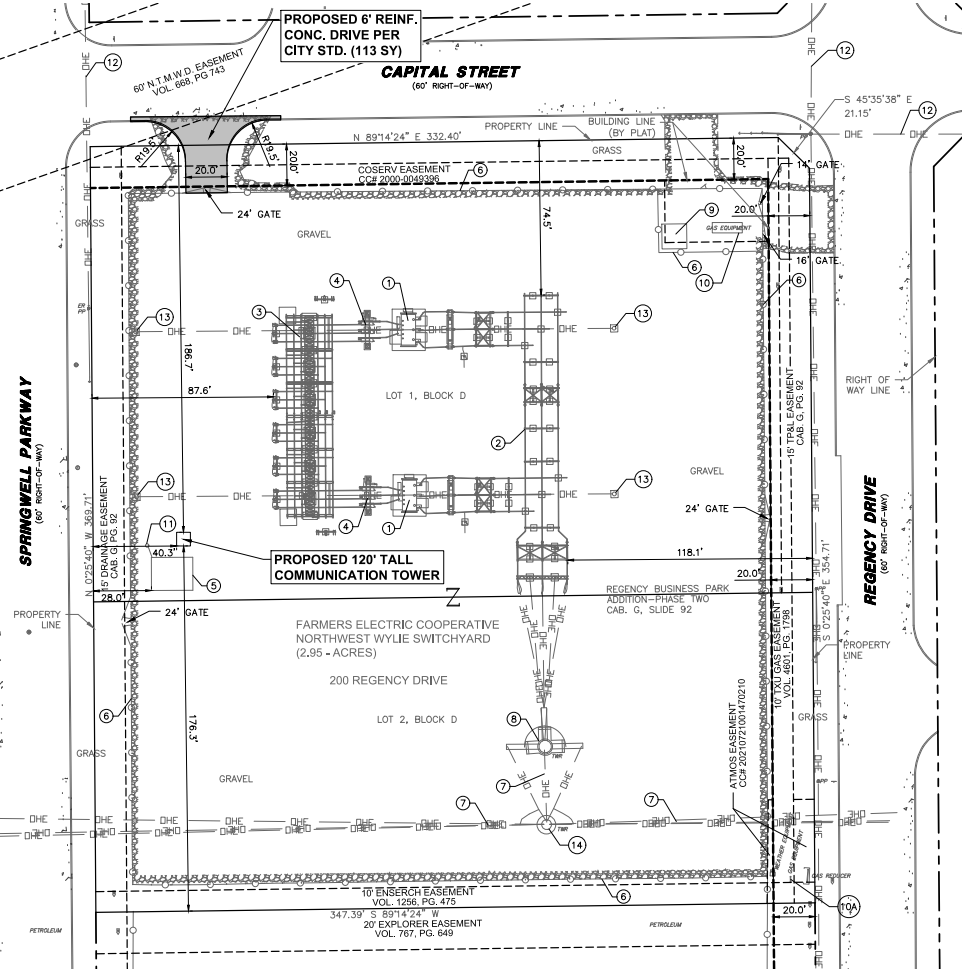


VICINITY MAP

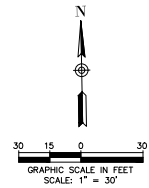
SITE DATA TABLE		
EXISTING ZONING	U-LIGHT INDUSTRIAL	
EXISTING USE	HIGH VOLTAGE ELECT. SUBSTATION	
	REQUIRED	PROPOSED
LOT AREA	N/A	128,465 SF (2.95 AC)
FRONT SETBACK	25 FT	187 FT
REAR SETBACK	25 FT	176 FT
SIDE SETBACK NOT ADJ./STREET	10 FT	40 FT
BUILDING FOOTPRINT	N/A	N/A
MAX. BUILDING COVERAGE	50%	0.86%
MAX. BUILDING HEIGHT	50 FT	
PARKING	N/A	N/A

SPRINGWELL PARKWAY
(60' RIGHT-OF-WAY)



NOTES:

1. PROPERTY TO BE REPLANTED INTO ONE LOT CONCURRENT WITH SUP ZONING.
2. ALL IMPROVEMENTS SHOWN ARE EXISTING WITH THE EXCEPTION OF THE PROPOSED 120-FOOT TALL COMMUNICATION TOWER.



LEGEND

- PROPOSED CONCRETE PAVING
- EXISTING GRAVEL SURFACING
- EXISTING CONCRETE PAVING
- ① EXISTING POWER TRANSFORMER
- ② EXISTING 138KV BUSWORK AND EQUIPMENT
- ③ EXISTING OPEN AIR DISTRIBUTION STRUCTURE
- ④ EXISTING DISTRIBUTION METERING STRUCTURE
- ⑤ EXISTING 20'X16' EQUIPMENT ENCLOSURE
- ⑥ EXISTING 7-FOOT CHAIN LINK PERIMETER FENCE WITH 3-STRAND BARBED WIRE
- ⑦ EXISTING OVERHEAD 138KV TRANSMISSION LINE
- ⑧ EXISTING 138KV SWITCH STRUCTURE 105' HIGH
- ⑨ EXISTING 12'X12' CO-SERV EQUIPMENT ENCLOSURE
- ⑩ EXISTING CO-SERV PIPELINE APPURTENANCE
- ⑩A EXISTING ATMOS PIPELINE APPURTENANCE
- ⑪ EXISTING COMMUNICATION MAST 60' HIGH - TO BE REMOVED
- ⑫ EXISTING OVERHEAD DISTRIBUTION LINES
- ⑬ 65' TALL SHIELD POLE
- ⑭ 95' TRANSMISSION POLE

0	10/15/2021	RDE	FAP	RDE	ISSUED FOR SUP ZONING APPLICATION
1	12/28/2021	RDE	FAP	RDE	UPDATED TO REFLECT SUP ZONING REGULATIONS
REV	DATE	REV.BY	P.M.	ENG.	REVISION/RELEASE

Farmers Electric Cooperative

618 Main Street
Garland, TX 75040
Ph. (972) 494-5031
Fax (972) 487-2270
www.rdelta.com
TBPE No. F-1515

rdelta
ENGINEERS

SEAL

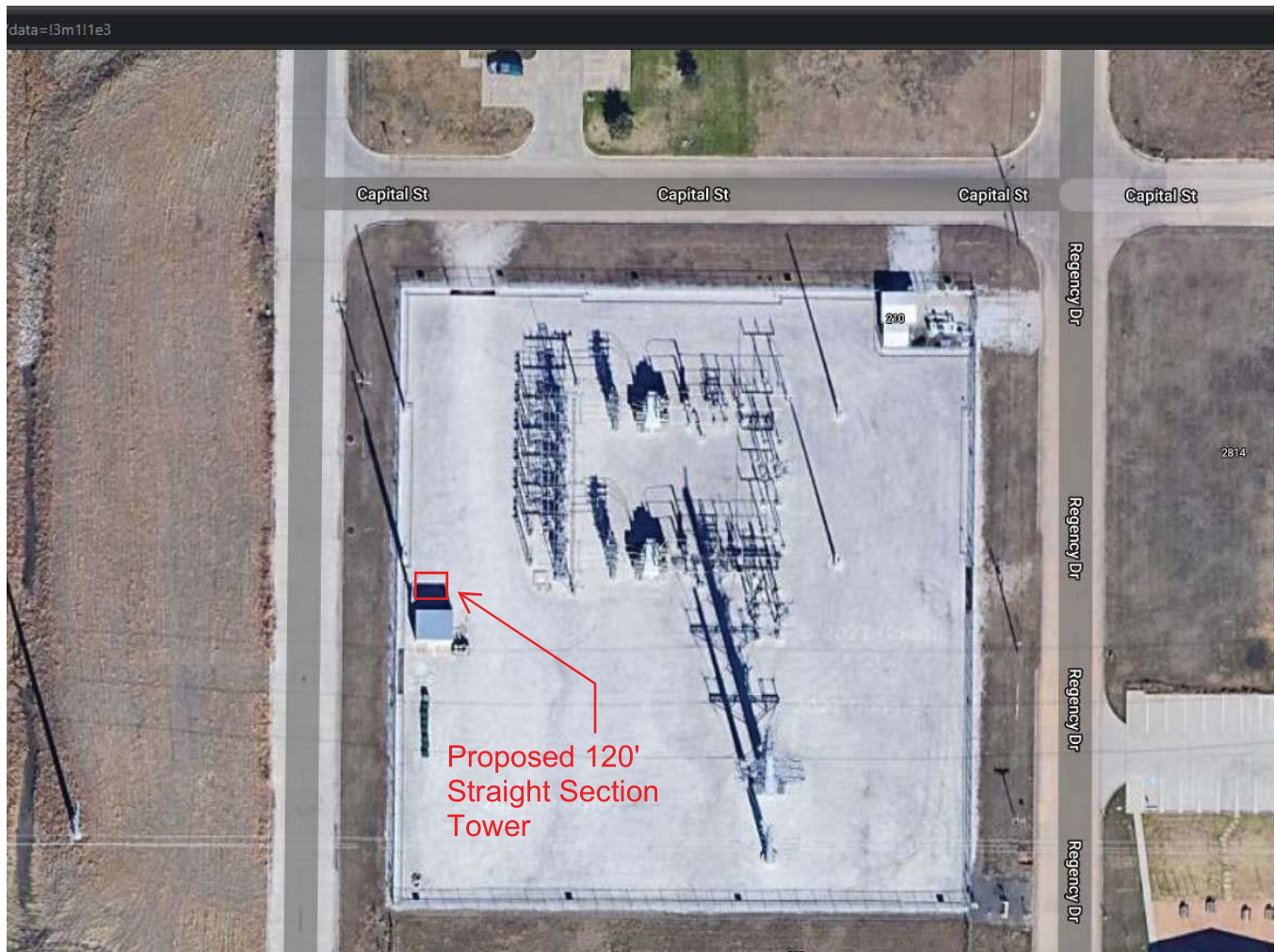
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY FRANK A. POLMA, P.E. 00274 ON OCTOBER 15, 2021. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

JOB NO. 2997-21	DESIGN BY FAP
CREATED	CODE
PLOTTED 12/28/2021	CHECKED BY RDE
LAST UPDATE BY	
DRAWN: RDE	SCALE: 1" = 30'
CHECKED:	DRAWING NO. 1
APPROVED:	ISSUE: 1
FILENAME:	

NW WYLIE SUBSTATION
200 REGENCY DR
WYLIE, TX

SITE PLAN FOR SUP

Farmer's Electric Cooperative
N.W. Wylie Substation, 200 Regency Street



Scope of Work

Farmer's Electric Cooperative (FEC) is seeking approval to replace the existing concrete pole located next to the substation control house with a 120' straight section tower. The upgrades will allow for better control of the electrical grid and enhanced security monitoring of the premises.

If approved the new tower will be installed and the existing concrete pole used for communications will be removed at the conclusion of the project.

Sample picture of tower design from another substation

