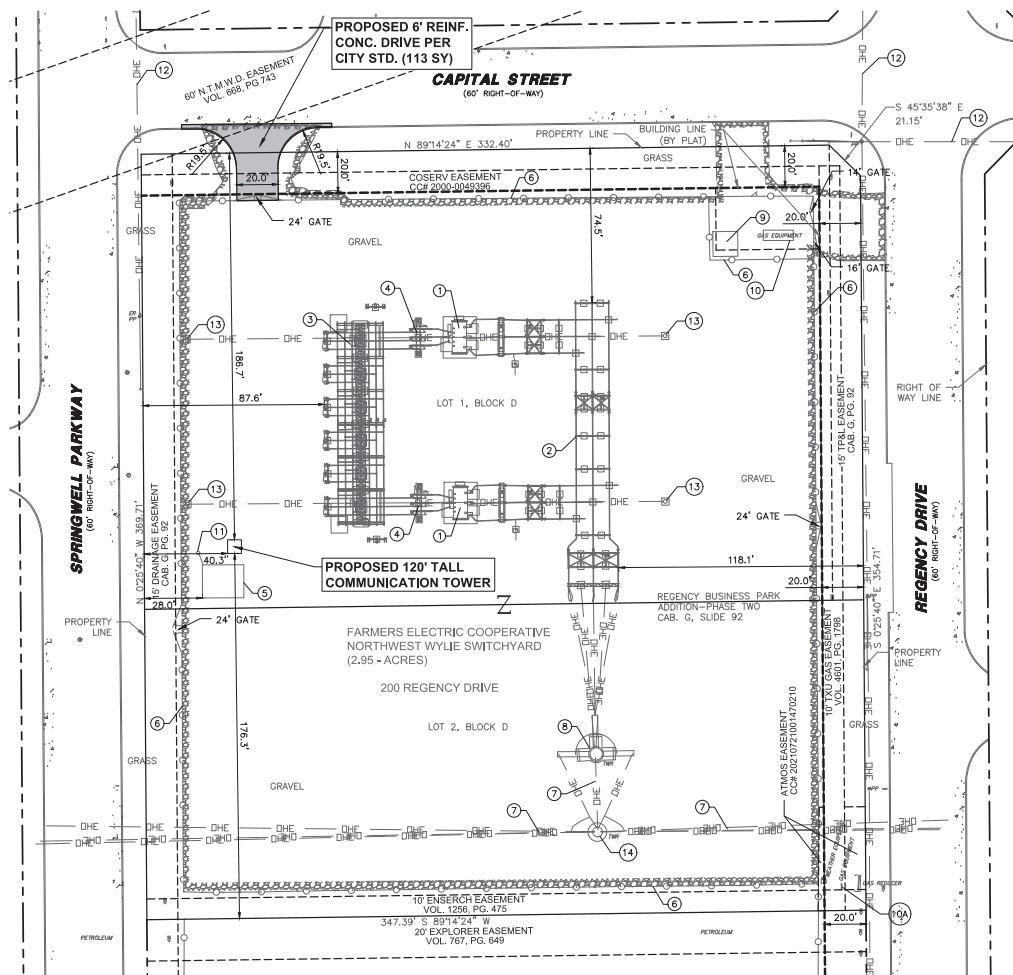
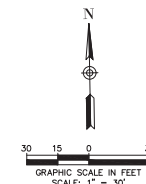




| SITE DATA TABLE                 |                                |                     |
|---------------------------------|--------------------------------|---------------------|
| EXISTING ZONING                 | LI-LIGHT INDUSTRIAL            |                     |
| EXISTING USE                    | HIGH VOLTAGE ELECT. SUBSTATION |                     |
|                                 | REQUIRED                       | PROPOSED            |
| LOT AREA                        | N/A                            | 128.46 SF (2.95 AC) |
| FRONT SETBACK                   | 25 FT                          | 187 FT              |
| REAR SETBACK                    | 25 FT                          | 176 FT              |
| SIDE SETBACK<br>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                 |



1. PROPERTY TO BE REPLATTED 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-STRAIN 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                               |
| ⑪                                                                                   | EXISTING ATMOS PIPELINE APPURTENANCE                                 |
| ⑫                                                                                   | EXISTING COMMUNICATION MAST 60' HIGH - TO BE REMOVED                 |
| ⑬                                                                                   | EXISTING OVERHEAD DISTRIBUTION LINES                                 |
| ⑭                                                                                   | 65' TALL SHIELD POLE                                                 |
| ⑮                                                                                   | 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                          |



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



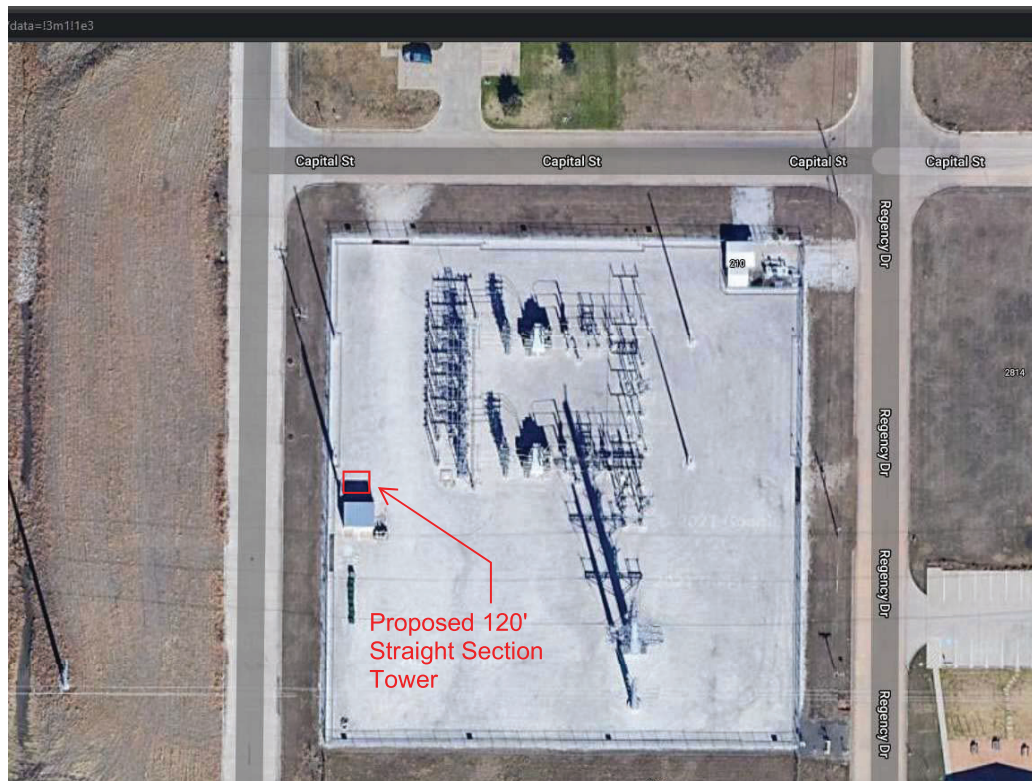
THE SEAL APPEARING ON THIS DOCUMENT WAS  
AUTHORIZED BY FRANK A. POLMA, P.E. 80274 ON  
OCTOBER 15, 2021. ALTERATION OF A SEALED  
DOCUMENT WITHOUT PROPER NOTIFICATION TO  
THE RESPONSIBLE ENGINEER IS AN OFFENSE  
UNDER THE TEXAS ENGINEERING PRACTICE ACT.

|                |              |                 |      |
|----------------|--------------|-----------------|------|
| 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.: |                 | ISSU |
| APPROVED:      | <b>SP-1</b>  |                 | 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

