



P.O. Box 369 (Mail)
303 E. Pecan Dr. (Physical)
Johnson City, TX 78636
830.868.7111 (Phone)
830.868.7718 (Fax)

APPLICATION DATE: 10/23/23

APPLICATION FOR VARIANCE Municipal Code of Ordinances

NAME OF APPLICANT: Andrew Creel, Just Right Engineering (for Hill Country Wireless)

MAILING ADDRESS: 231 Dillo Trail, Liberty Hill, TX 78642

PHONE NO.: 512-300-1312 EMAIL: acreel@just-right.co

STATUS OF APPLICANT: OWNER: AGENT: X
(IF AGENT, ATTACH LETTER OF AUTHORIZATION FROM PROPERTY OWNER)

PROPERTY DESCRIPTION

PHYSICAL ADDRESS: 901 N Avenue N

LEGAL DESCRIPTION: N Avenue N right-of-way

CURRENT ZONING: Street Right-of-way EXISTING USE: Street Right-of-way

ACRES/SQ. FT.: NA DOES OWNER OWN ADJACENT PROPERTIES? YES NO

CODE SECTION SEEKING VARIANCE / RELIEF FROM:
Chapter 10 Subdivision Regulations, Appendix B Design Standards and Specifications Manual Section 1.6

TYPE OF VARIANCE REQUESTED (EXPLAIN IN DETAIL):
The City staff has indicated that a variance will be required to install one (1) new communications pole within the N Avenue N ROW for the purposes of installing new fiber optic cable to provide nearby residents with high-speed internet
The proposed pole is in line with existing overhead communications and power infrastructure in the existing neighborhood. Approval of this variance will allow for faster community access to high-speed fiber optic internet, less construction noise and disruption, and less impact to tree root zones and existing utilities.

I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS APPLICATION AND KNOW THE INFORMATION I HAVE PROVIDED TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS APPLICATION WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. THE GRANTING OF A VARIANCE OR SPECIAL EXCEPTION DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF ANY OTHER STATE OR LOCAL LAW REGULATING THE USE OF PROPERTY.

Andrew Creel
APPLICANT'S SIGNATURE

10/23/2023
DATE

OFFICE USE ONLY:

PO Box 2137
Johnson City, Texas 78636



www.hcwireless.com
830.225.1465

August 29, 2023

Re: Hill Country Wireless – Agent Authorization Letter

To whom it may concern,

I, David McCullough of Hill Country Wireless, do hereby authorize representatives of Just Right Engineering to act as my Agent in submitting permit applications on behalf of my company, within the corporate limits of the Johnson City, TX. I understand that I am responsible for any applications/documents as submitted by my Agent and that the individual must exhibit this authorization form to the permitting staff upon request. It is agreed that the Agent may act as the primary contact for request of information by City staff to complete applications. I understand that it is my responsibility to update my file with Johnson City upon change of authorized agent status.

Sincerely,

David McCullough

David McCullough
Owner/President

APPENDIX B – DESIGN STANDARDS AND SPECIFICATIONS MANUAL

Table of Contents

Section 1 GENERAL REQUIREMENTS	3
1.1 Introduction	3
1.2 Standards of Design	3
1.3 Standard Specifications for Construction.....	3
1.4 Standard Details.....	3
1.5 Materials Testing and Quality Control	4
1.6 Utilities to be Underground	4
1.7 Submittal to Utility Companies	4
1.8 Requirements of the Final Engineering Drawings	4
1.9 Final Acceptance.....	4
1.10 Warranty.....	4
Section 2 STREETS	5
2.1 General.....	5
2.2 Street Arrangement	5
2.3 Thoroughfare and Street Geometry.....	5
2.4 Turn Lanes.....	5
2.5 Median Openings, Width, Location and Spacing.....	11
2.6 Driveway Locations.....	11
2.7 Block Lengths.....	11
2.8 Street Intersections	11
2.9 Relation to Adjoining Streets	12
2.10 Dead End Streets, Cul-de-Sacs and Courts	12
2.11 Street Grades	12
2.12 Pavement Design	13
2.13 Parkways, Grades and Sidewalks	18
2.14 Driveways	18
2.15 Traffic Information and Control Devices	18
2.16 Street Lighting	19
2.17 Barrier Free Ramps	19
2.18 Off-Street Parking	19
Section 3 STORM DRAINAGE FACILITIES	27
3.1 Introduction	27
3.2 Storm Drainage Design Criteria	27
Section 4 VEGETATION	28

1.5 Materials Testing and Quality Control

Testing of materials and quality control for all development construction shall be performed by a material testing laboratory and payment for such services shall be made by the contractor. It is the contractor's responsibility to show, through test procedures and results, that the work is in conformance with these design standards. All testing shall be completed with an employee or representative of the City of Johnson City present.

1.6 Utilities to be Underground

All utilities within a residential development shall be placed underground. Utilities are defined for this purpose as water pipelines, wastewater pipelines, storm water pipelines, natural gas pipelines, telephone wires, cable TV wires and electric wires. All rough grading must be completed prior to the installation of utilities. In case of special or unique circumstances, the City may grant variances or exceptions to this requirement. Any request for variance or exception should be submitted in writing to the City of Johnson City setting forth the justification for an exception. The granting of a variance or exception by the City will be in writing. No work will be accepted without written approval from the Director of Public Works or City designee, or in the case of franchise utilities, the City Council. Commercial developments may have overhead utilities as approved by the City.

1.7 Submittal to Utility Companies

The developer shall be responsible for submittal of information needed to design private utilities for the development. This information shall be submitted to franchise's and any other appropriate utility.

Written confirmation shall be submitted with the final engineering drawings, verifying that the affected Utility companies have reviewed the final plat and easement description and agree that the easement locations and sizes are adequate and consistent with the design requirements of the utilities.

1.8 Requirements of the Final Engineering Drawings

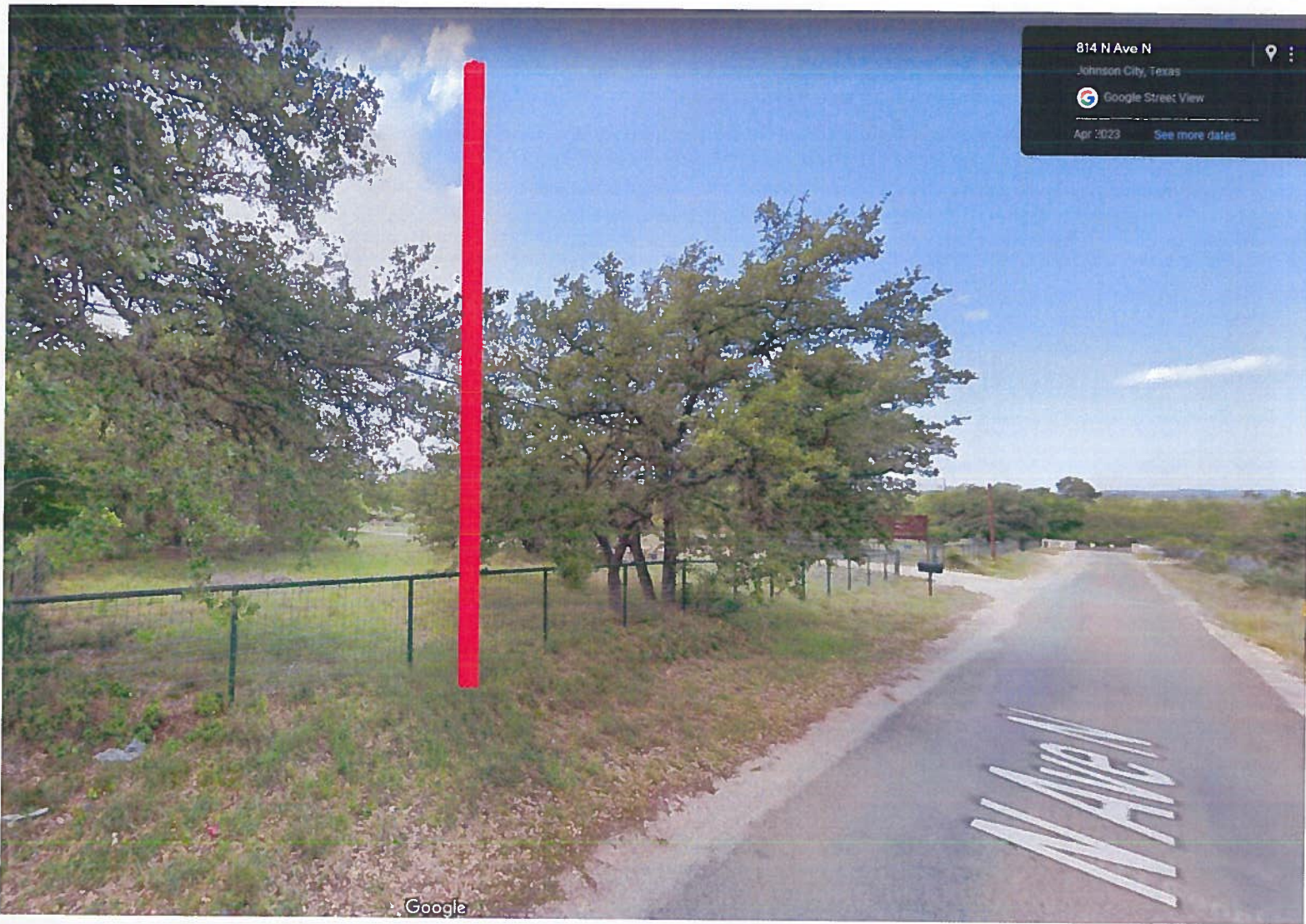
The final engineering drawings will consist of drawings showing all information necessary to completely review the engineering design of improvements proposed for or affected by the site and sealed by a Registered Professional Engineer, licensed in the State of Texas.

1.9 Final Acceptance

After improvements have been constructed, the developer shall be responsible for providing to the City "As Built" or "Record Drawings" mylars and one (1) set of "Black line prints". The City will not accept the subdivision until the mylars and prints are submitted to the City. Mylars and prints shall be sized 24" x 36". The City shall also be furnished pdf images of each sheet named according to the sheet title and sheet number and AutoCAD 2018 or later format drawings on a CD-ROM (No XREFS) of the "As Built" or "Record Drawings" (digital).

1.10 Warranty

As a condition of final acceptance, the contractor shall furnish a two (2) year maintenance bond in the amount of 110% of the public improvements, which shall become effective from the date of acceptance.



814 N Ave N
Johnson City, Texas
Google Street View
Apr 2023 See more dates

Google

SHEET INDEX:

- G-100 COVER SHEET
- G-101 JOHNSON CITY NOTES
- C-100 UTILITY PLAN 1
- C-101 UTILITY PLAN 2
- C-102 UTILITY PLAN 3
- C-103 UTILITY PLAN 4
- C-104 UTILITY PLAN 5
- C-105 UTILITY PLAN 6
- C-106 UTILITY PLAN 7
- C-107 UTILITY PLAN 8
- C-108 UTILITY PLAN 9
- C-109 UTILITY PLAN 10
- C-200 TXDOT TCP

ASSOCIATED TXDOT PERMIT(S):

00002/20230915/15551/27176/UP

CONTACT INFORMATION:

OWNER:
 DAVID MCCULLOUGH
 HILL COUNTRY WIRELESS & TECHNOLOGY
 206 N HWY 281
 JOHNSON CITY, TX 78636
 830-225-1465
 INFO@HCWIRELESS.COM

ENGINEER:
 ANDREW CREEL, P.E.
 JUST RIGHT ENGINEERING, LLC
 ACREEL@JUST-RIGHT.CO



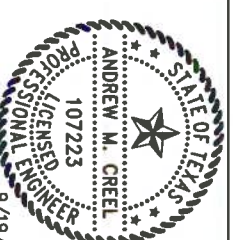
VICINITY MAP
N.T.S.

HILL COUNTRY WIRELESS

WEST JOHNSON CITY AERIAL STRAND

JOHNSON CITY, TX

30°16'26.34"N, 98°25'17.41"W



Andrew Creel
9/19/23

WEST JOHNSON CITY
AERIAL STRAND

COVER SHEET

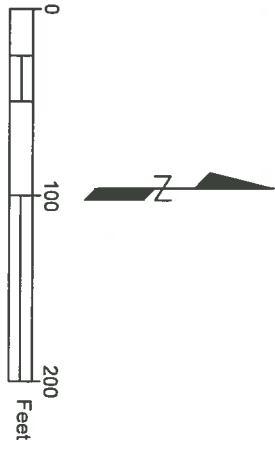
REVISION: 0

DATE: 9/19/23

SHEET #: G-100

SHEET COUNT: 1 OF 13





NOTES:

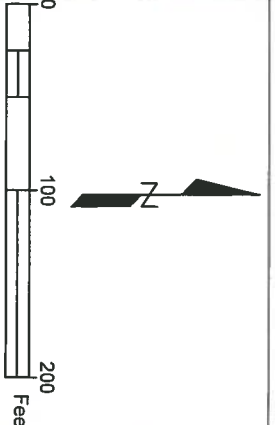
1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLAN IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
2. THE LOCATION OF THE RIGHT-OF-WAY, IF SHOWN, IS BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY.
3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING

- TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
4. ALL EXCAVATIONS SHALL BE BACKFILLED BY END OF DAY. NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.
6. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS AND OSHA.

- LEGEND**
- NEW STRAND AND/OR FIBER
 - NEW OR EXISTING POLE

© 2023 Microsoft Corporation © 2023 Maxar © CNES (2023) Distribution Airbus DS

WEST JOHNSON CITY
AERIAL STRAND
UTILITY PLAN 1
REVISION: 0
DATE: 9/19/23
SHEET #: C-100
SHEET COUNT: 3 OF 13



NOTES:

1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLANS IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
2. THE LOCATION OF THE RIGHT-OF-WAY, IF SHOWN, IS BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY.
3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING

TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.

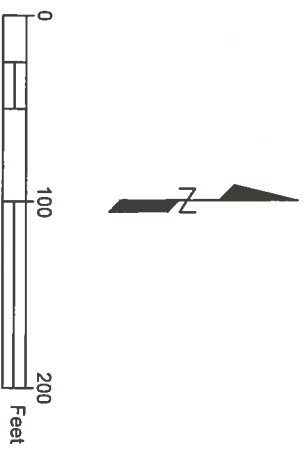
4. ALL EXCAVATIONS SHALL BE BACKFILLED BY END OF DAY. NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.
6. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS, AND OSHA.

LEGEND

- NEW STRAND AND/OR FIBER
- NEW OR EXISTING POLE



WEST JOHNSON CITY
AERIAL STRAND
UTILITY PLAN 2
REVISION: 0
DATE: 9/19/23
SHEET #: C-101
SHEET COUNT: 4 OF 13



NOTES:

1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLAN IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
2. THE LOCATION OF THE RIGHT-OF-WAY, IF SHOWN, IS BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY.
3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING

4. TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
5. ALL EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.
7. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS AND OSHA.

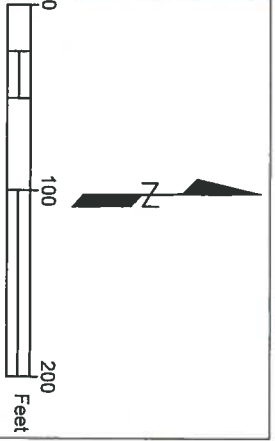
LEGEND

- NEW STRAND AND/OR FIBER
- NEW OR EXISTING POLE

Andrew Greel
9/19/23

WEST JOHNSON CITY
AERIAL STRAND
UTILITY PLAN 3
REVISION: 0
DATE: 9/19/23
SHEET #: C-102
SHEET COUNT: 5 OF 13

JUST RIGHT ENGINEERING
TEXAS ENGINEERING FIRM NO. F-24472
WIRELESS & TECHNOLOGY



MATCH LINE -- SHEET 4

MATCH LINE -- SHEET 7

MATCH LINE -- SHEET 11

NOTES:
 1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLANS IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
 2. THE LOCATION OF THE RIGHT-OF-WAY, IF SHOWN, IS BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY.
 3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING

TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
 4. ALL EXCAVATIONS SHALL BE BACKFILLED BY END OF DAY. NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.
 6. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS AND OSHA.

LEGEND
 — NEW STRAND AND/OR FIBER
 ● NEW OR EXISTING POLE

Andrew Creel
 9/19/23

WEST JOHNSON CITY
AERIAL STRAND
UTILITY PLAN 4
REVISION: 0
DATE: 9/19/23
SHEET #: C-103
SHEET COUNT: 6 OF 13

JUST RIGHT ENGINEERING
 TEXAS ENGINEERING FIRM NO. F-24472
HCS
 WIRELESS & TECHNOLOGY

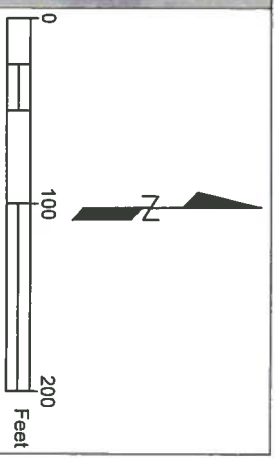


MATCH LINE --- SHEET 8

MATCH LINE --- SHEET 5

MATCH LINE --- SHEET 6

MATCH LINE --- SHEET 12



NOTES:
 1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLAN IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
 2. THE LOCATION OF THE RIGHT-OF-WAY, IF SHOWN, IS BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY.
 3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING

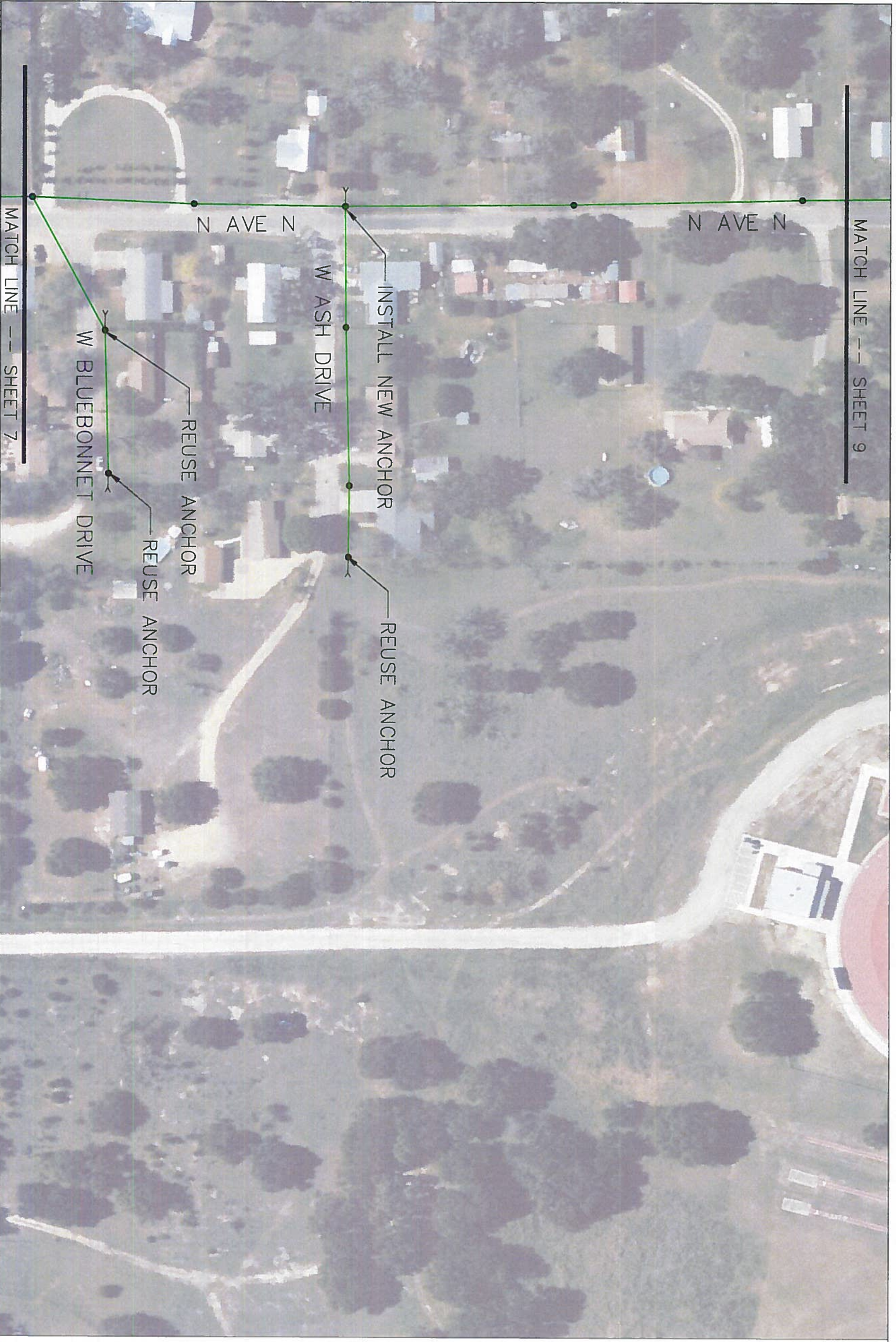
TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
 4. ALL EXCAVATIONS SHALL BE BACKFILLED BY END OF DAY. NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.
 6. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS AND OSHA.

LEGEND
 — NEW STRAND AND/OR FIBER
 ● NEW OR EXISTING POLE



WEST JOHNSON CITY
AERIAL STRAND
UTILITY PLAN 5
REVISION: 0
DATE: 9/19/23
SHEET #: C-104
SHEET COUNT: 7 OF 13

JUST RIGHT ENGINEERING
 TEXAS ENGINEERING FIRM NO. F-24472
 WIRELESS & TECHNOLOGY



MATCH LINE -- SHEET 9

N AVE N

N AVE N

INSTALL NEW ANCHOR

W ASH DRIVE

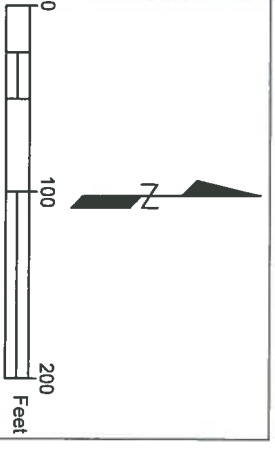
REUSE ANCHOR

REUSE ANCHOR

REUSE ANCHOR

W BLUEBONNET DRIVE

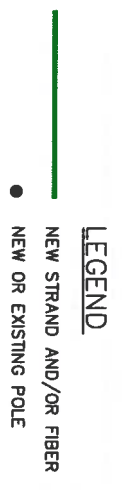
MATCH LINE -- SHEET 7



NOTES:

1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLANS IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
2. THE LOCATION OF THE RIGHT-OF-WAY, IF SHOWN, IS BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY.
3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING

4. TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
5. ALL EXCAVATIONS SHALL BE BACKFILLED BY END OF DAY. NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.
7. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS, AND OSHA.

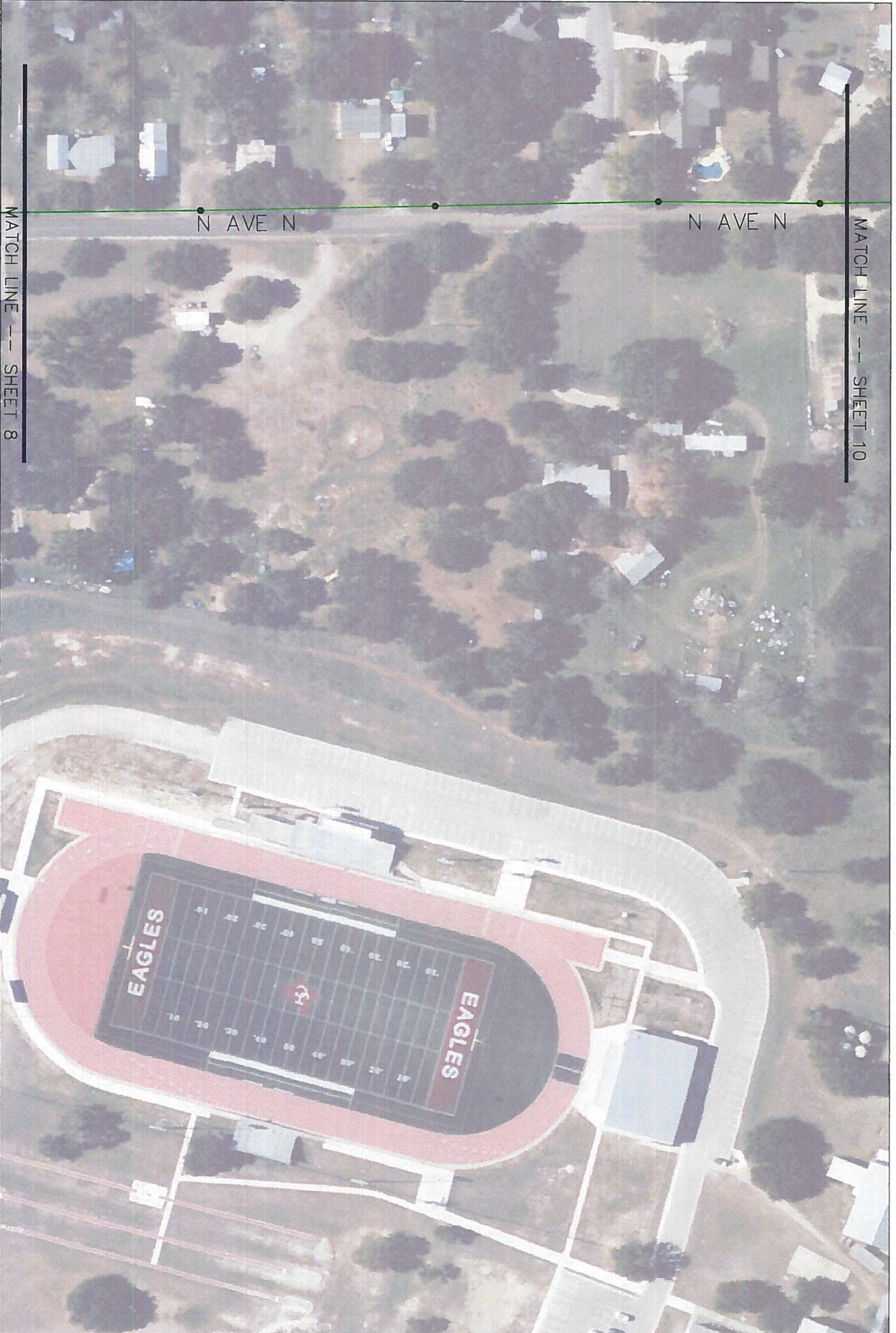


STATE OF TEXAS
 ANDREW M. CREEL
 107223
 PROFESSIONAL ENGINEER
 9/19/23
 Andrew Creel

WEST JOHNSON CITY
AERIAL STRAND
UTILITY PLAN 6
REVISION: 0
DATE: 9/19/23
SHEET #: C-105
SHEET COUNT: 8 OF 13

JUST RIGHT ENGINEERING
 TEXAS ENGINEERING FIRM NO. F-24472

HC
 WIRELESS & TECHNOLOGY

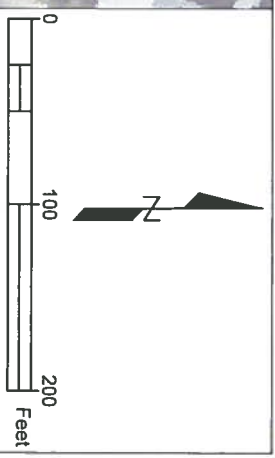


MATCH LINE --- SHEET 10

N AVE N

N AVE N

MATCH LINE --- SHEET 8



- NOTES:**
1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLAN IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
 2. THE LOCATION OF THE RIGHT-OF-WAY, IF SHOWN, IS BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY.
 3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING

4. TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
5. ALL EXCAVATIONS SHALL BE BACKFILLED BY END OF DAY. NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOOLS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.
7. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS AND OSHA.

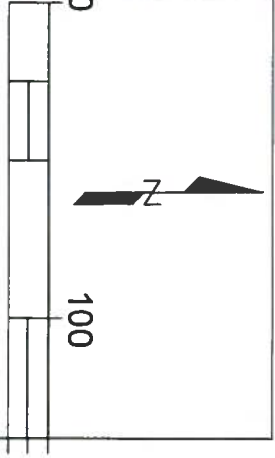
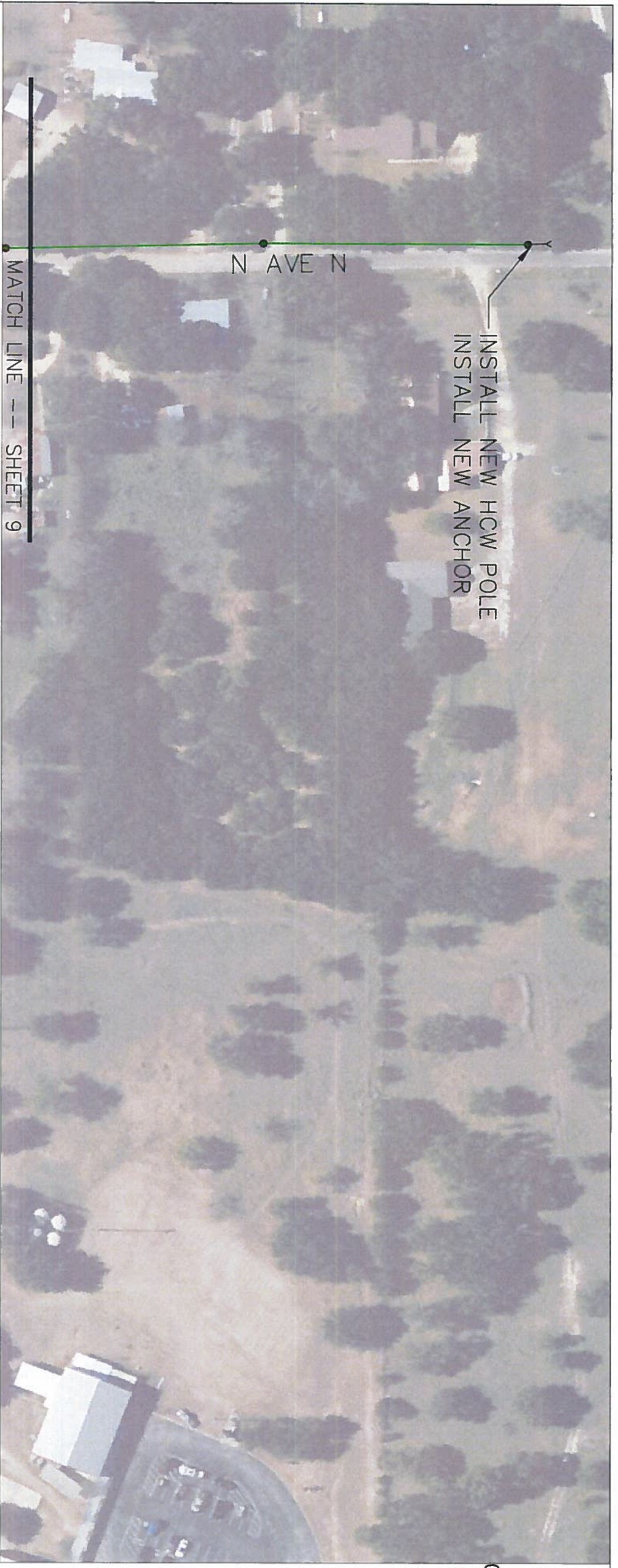
LEGEND

- NEW STRAND AND/OR FIBER
- NEW OR EXISTING POLE



Andrew Creel

WEST JOHNSON CITY
AERIAL STRAND
UTILITY PLAN 7
REVISION: 0
DATE: 9/19/23
SHEET #: C-106
SHEET COUNT: 9 OF 13



NOTES:

1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLAN IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
2. THE LOCATION OF THE RIGHT-OF-WAY, IF SHOWN, IS BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY.
3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING

TO THE UTILITY OWNER'S CONSTRUCTION STANDARDS. IF THERE IS A CONFLICT BETWEEN THE CONSTRUCTION STANDARDS AND THESE PLANS OR THERE ARE NO UTILITY OWNER CONSTRUCTION STANDARDS, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.

4. ALL EXCAVATIONS SHALL BE BACKFILLED BY END OF DAY. NO EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.
6. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS AND OSHA.

LEGEND

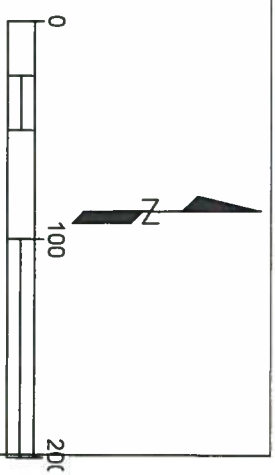
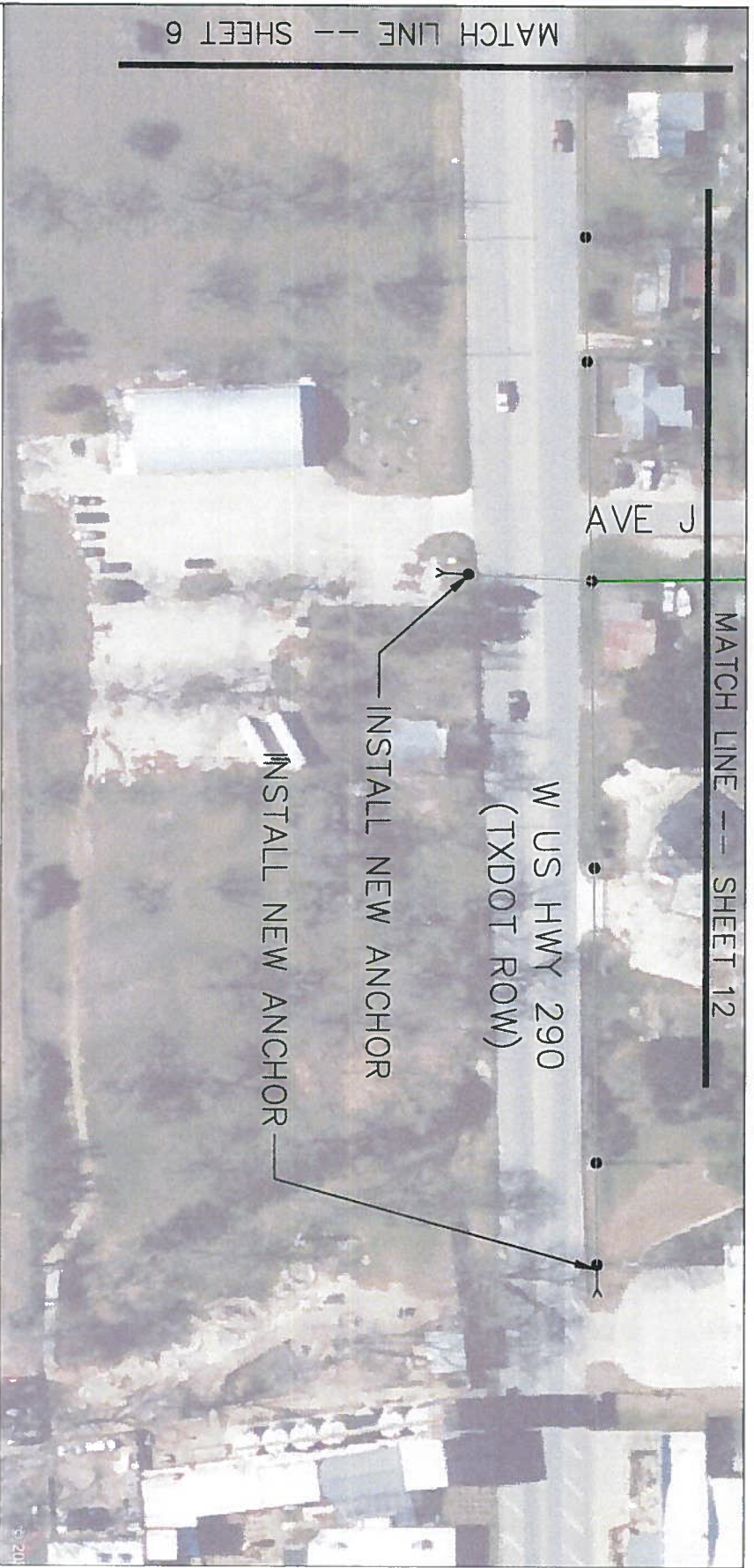
— NEW STRAND AND/OR FIBER

● NEW OR EXISTING POLE



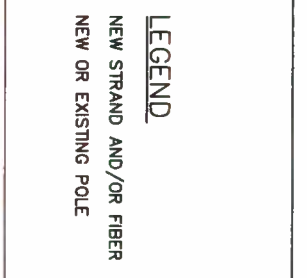
WEST JOHNSON CITY
AERIAL STRAND
UTILITY PLAN 8
REVISION: 0
DATE: 9/19/23
SHEET #: C-107
SHEET COUNT: 10 OF 13





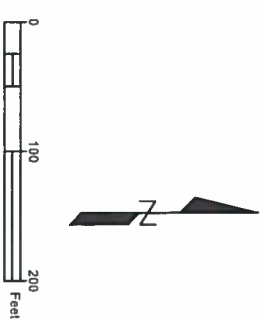
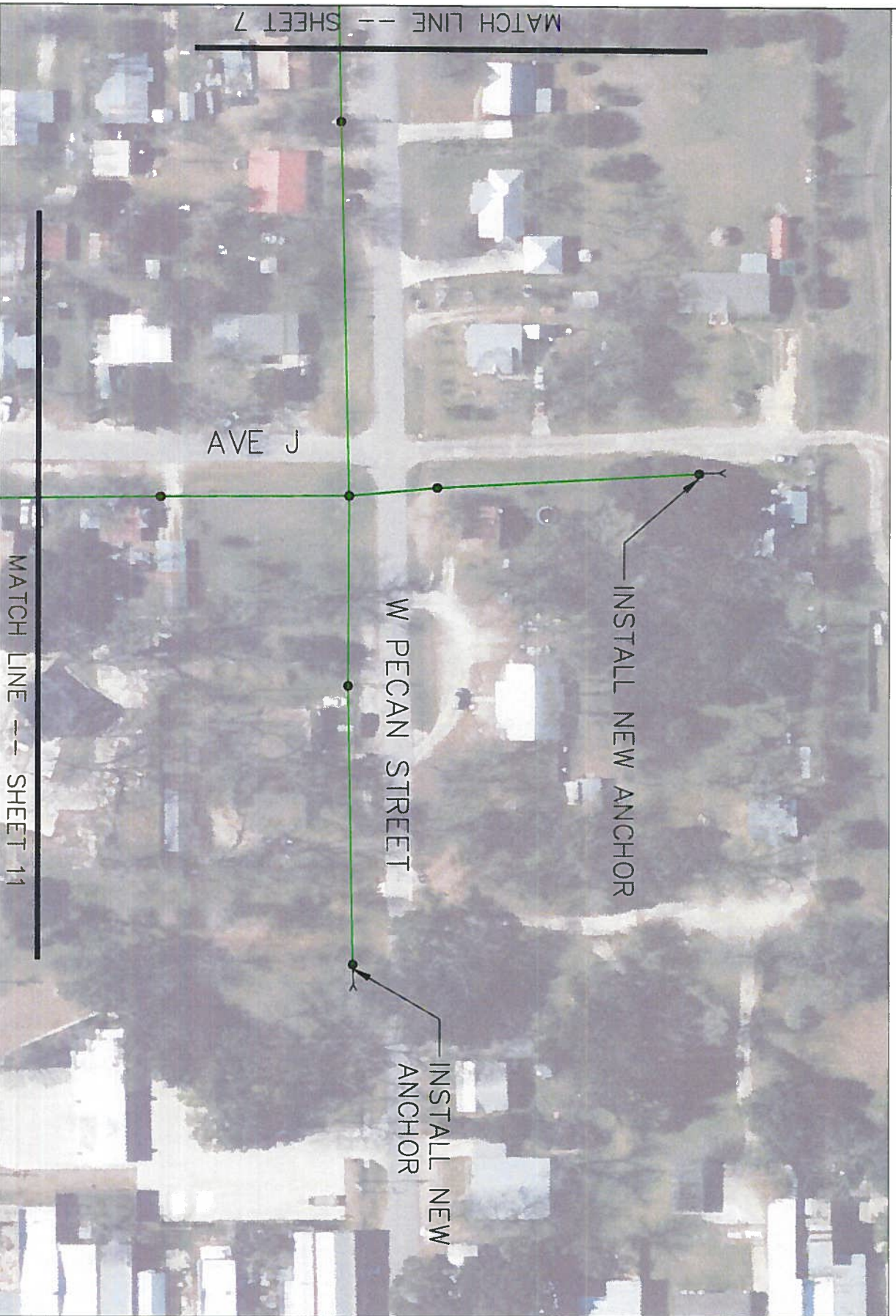
- NOTES:**
1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLAN IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
 2. THE LOCATION OF THE RIGHT-OF-WAY, IF SHOWN, IS BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY.
 3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING

4. ALL EXCAVATIONS SHALL BE LEFT OPEN OVERNIGHT. NO SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.
6. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS AND OSHA.



WEST JOHNSON CITY
AERIAL STRAND
UTILITY PLAN 9
REVISION: 0
DATE: 9/19/23
SHEET #: C-108
SHEET COUNT: 11 OF 13





- NOTES:**
1. THE LOCATION OF ANY UTILITIES SHOWN ON THESE PLAN IS APPROXIMATE AND SHOULD NOT BE CONSIDERED TO BE EXACT. THESE PLANS MAY NOT SHOW ALL UTILITIES PRESENT IN THE RIGHT-OF-WAY. CONTRACTOR SHALL MAKE ALL REASONABLE EFFORTS TO IDENTIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT TEXAS 811 AT LEAST 72 HOURS IN ADVANCE OF CONSTRUCTION.
 2. THE LOCATION OF THE RIGHT-OF-WAY, IF SHOWN, IS BASED ON PUBLICLY AVAILABLE GIS DATA AND SHOULD NOT BE CONSIDERED TO BE EXACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL IMPROVEMENTS ARE INSTALLED IN THE RIGHT-OF-WAY.
 3. CONTRACTOR SHALL INSTALL ALL IMPROVEMENTS ACCORDING

4. ALL EXCAVATIONS SHALL BE BACKFILLED BY END OF DAY. SPOILS SHALL BE STORED IN THE RIGHT-OF-WAY OVERNIGHT.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING PROJECT AREA TO ORIGINAL OR BETTER CONDITION.
6. CONTRACTOR SHALL UNDERSTAND AND ADHERE TO THE ALL REQUIREMENTS OF THE RIGHT-OF-WAY OWNER, EXISTING UTILITY OWNERS AND OSHA.

LEGEND

— NEW STRAND AND/OR FIBER

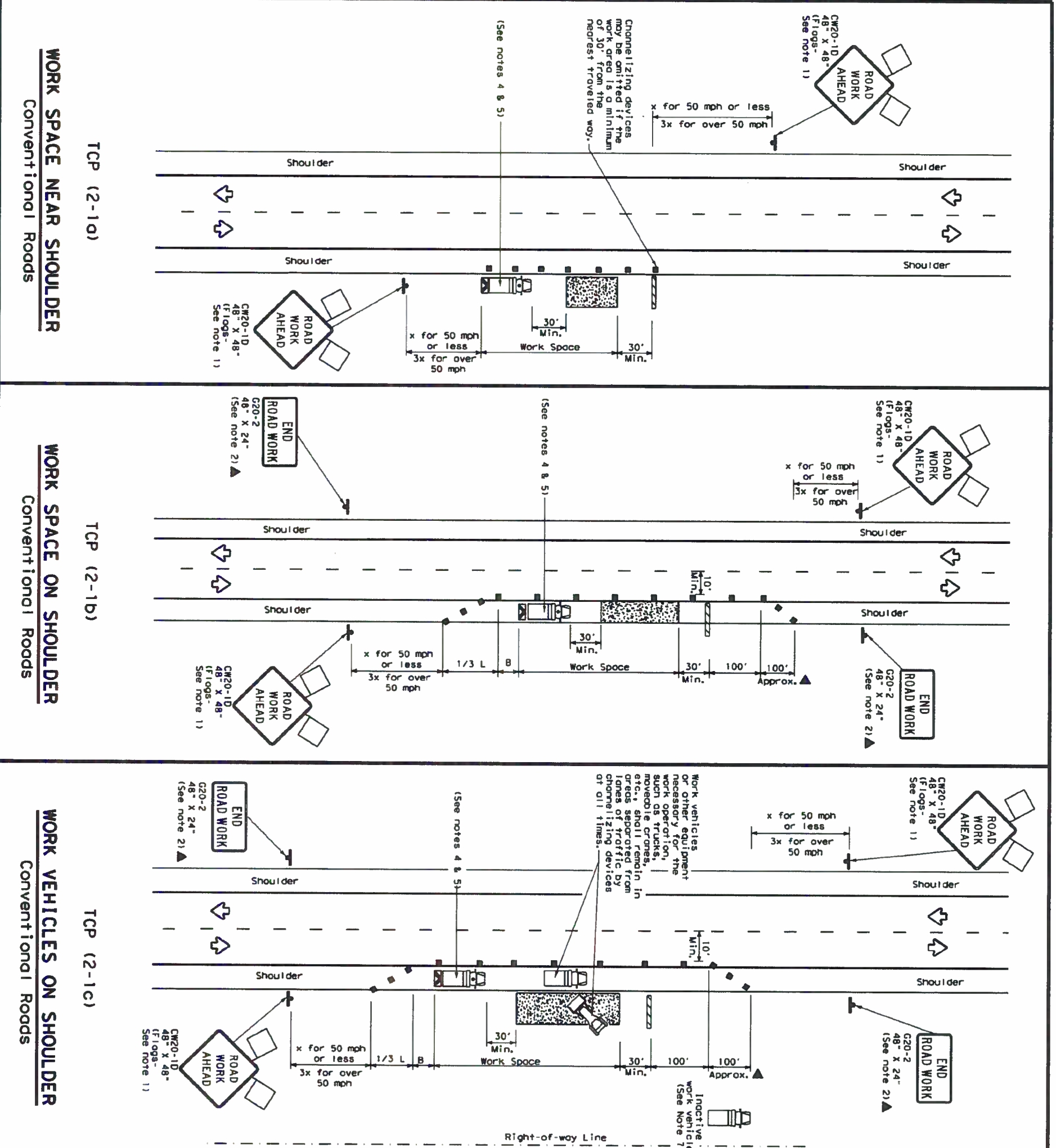
● NEW OR EXISTING POLE

Andrew Creel

WEST JOHNSON CITY
AERIAL STRAND
UTILITY PLAN 10
REVISION: 0
DATE: 9/19/23
SHEET #: C-109
SHEET COUNT: 12 OF 13

DISCLAIMER:
The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

DATE:
FILE:



WORK SPACE NEAR SHOULDER
Conventional Roads
TCP (2-1a)

WORK SPACE ON SHOULDER
Conventional Roads
TCP (2-1b)

WORK VEHICLES ON SHOULDER
Conventional Roads
TCP (2-1c)

LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed	Formula	Minimum Desirable Taper Lengths		Suggested Maximum Spacing of Channelizing Devices		Minimum Sign Spacing		Suggested Longitudinal Buffer Space
		ft	m	ft	m	ft	m	
30	WS	150'	165'	180'	30'	60'	120'	90'
35	WS	205'	225'	245'	35'	70'	160'	120'
40	L = WS	265'	295'	320'	40'	80'	240'	155'
45	L = WS	450'	495'	540'	45'	90'	320'	195'
50	L = WS	500'	550'	600'	50'	100'	400'	240'
55	L = WS	550'	605'	660'	55'	110'	500'	295'
60	L = WS	600'	660'	720'	60'	120'	600'	295'
65	L = WS	650'	715'	780'	65'	130'	700'	410'
70	L = WS	700'	770'	840'	70'	140'	800'	475'
75	L = WS	750'	825'	900'	75'	150'	900'	540'

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓	✓	✓

- GENERAL NOTES**
- Flags attached to signs where shown, are REQUIRED.
 - All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol, which are optional.
 - Stockpiled material should be placed a minimum of 30 feet from nearest traveled way.
 - Shoulder vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights. A Shoulder Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shoulder Vehicle and TMA.
 - Additional Shoulder Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect a wider work space. See TFRP-11 for shoulder work on divided highways, expressways and freeways.
 - Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
 - CW21-5 "SHOULDER WORK" signs may be used in place of CW20-1D "ROAD WORK AHEAD" signs for shoulder work on conventional roadways.

Texas Department of Transportation
Traffic Operations Division
Standard

TRAFFIC CONTROL PLAN
CONVENTIONAL ROAD
SHOULDER WORK

TCP(2-1)-18

FILE#	TCP2-1-18.001	DATE	12/18/01
REV#	1	DATE	12/18/01
DESIGNED BY	JMB	CHECKED BY	JMB
DATE	2-94	REVISED	8-95, 2-12, 1-97, 2-16
PROJECT NO.	0151	SHEET NO.	181