

Texas Commission on Environmental Quality

Edwards Aquifer Application Cover Page

Our Review of Your Application

The Edwards Aquifer Program staff conducts an administrative and technical review of all applications. The turnaround time for administrative review can be up to 30 days as outlined in 30 TAC 213.4(e). Generally administrative completeness is determined during the intake meeting or within a few days of receipt. The turnaround time for technical review of an administratively complete Edwards Aquifer application is 90 days as outlined in 30 TAC 213.4(e). Please know that the review and approval time is directly impacted by the quality and completeness of the initial application that is received. In order to conduct a timely review, it is imperative that the information provided in an Edwards Aquifer application include final plans, be accurate, complete, and in compliance with [30 TAC 213](#).

Administrative Review

1. [Edwards Aquifer applications](#) must be deemed administratively complete before a technical review can begin. To be considered administratively complete, the application must contain completed forms and attachments, provide the requested information, and meet all the site plan requirements. The submitted application and plan sheets should be final plans. Please submit one full-size set of plan sheets with the original application, and half-size sets with the additional copies.

To ensure that all applicable documents are included in the application, the program has developed tools to guide you and web pages to provide all forms, checklists, and guidance. Please visit the below website for assistance: <http://www.tceq.texas.gov/field/eapp>.

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.
3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.
4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

An appointment should be made to resubmit the application. The application is re-examined to ensure all deficiencies are resolved. The application will only be deemed administratively complete when all administrative deficiencies are addressed.

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.
6. If the geologic assessment was completed before October 1, 2004 and the site contains “possibly sensitive” features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.
2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.

3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **the application fee will be forfeited.**
4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

Mid-Review Modifications

It is important to have final site plans prior to beginning the permitting process with TCEQ to avoid delays.

Occasionally, circumstances arise where you may have significant design and/or site plan changes after your Edwards Aquifer application has been deemed administratively complete by TCEQ. This is considered a “Mid-Review Modification”. Mid-Review Modifications may require redistribution of an application that includes the proposed modifications for public comment.

If you are proposing a Mid-Review Modification, two options are available:

- If the technical review has begun your application can be denied/withdrawn, your fees will be forfeited, and the plan will have to be resubmitted.
- TCEQ can continue the technical review of the application as it was submitted, and a modification application can be submitted at a later time.

If the application is denied/withdrawn, the resubmitted application will be subject to the administrative and technical review processes and will be treated as a new application. The application will be redistributed to the affected jurisdictions.

Please contact the regional office if you have questions. If your project is located in Williamson, Travis, or Hays County, contact TCEQ’s Austin Regional Office at 512-339-2929. If your project is in Comal, Bexar, Medina, Uvalde, or Kinney County, contact TCEQ’s San Antonio Regional Office at 210-490-3096

Please fill out all required fields below and submit with your application.

1. Regulated Entity Name: Liberty Hill Cell Tower TX-801					2. Regulated Entity No.: New Entity					
3. Customer Name: 4M Towers, LP					4. Customer No.:					
5. Project Type: (Please circle/check one)	New		Modification			Extension		Exception XXX		
6. Plan Type: (Please circle/check one)	WPAP	CZP XXX	SC S	UST	AST	EXP	EXT	Technical Clarification Optional Enhanced Measures		
7. Land Use: (Please circle/check one)	Residential No		Non-residential Yes - Cell Tower			8. Site (acres):		0.129 Acres		
9. Application Fee:	\$ 500.00		10. Permanent BMP(s):				Yes - Proposed Vegetative Filter Strips on Downstream Side of Cell Tower Lease Area.			

11. SCS (Linear Ft.):	No	12. AST/UST (No. Tanks):	No
13. County:	Williamson	14. Watershed:	South Fork San Gabriel River

Application Distribution

Instructions: Use the table below to determine the number of applications required. One original and one copy of the application, plus additional copies (as needed) for each affected incorporated city, county, and groundwater conservation district are required. Linear projects or large projects, which cross into multiple jurisdictions, can require additional copies. Refer to the "Texas Groundwater Conservation Districts within the EAPP Boundaries" map found at:

http://www.tceq.texas.gov/assets/public/compliance/field_ops/eapp/EAPP%20GWCD%20map.pdf

For more detailed boundaries, please contact the conservation district directly.

Austin Region			
County:	Hays	Travis	Williamson
Original (1 req.)	—	—	—
Region (1 req.)	—	—	—
County(ies)	—	—	—
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Barton Springs/ Edwards Aquifer <input type="checkbox"/> Hays Trinity <input type="checkbox"/> Plum Creek	<input type="checkbox"/> Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	<input type="checkbox"/> Austin <input type="checkbox"/> Buda <input type="checkbox"/> Dripping Springs <input type="checkbox"/> Kyle <input type="checkbox"/> Mountain City <input type="checkbox"/> San Marcos <input type="checkbox"/> Wimberley <input type="checkbox"/> Woodcreek	<input type="checkbox"/> Austin <input type="checkbox"/> Bee Cave <input type="checkbox"/> Pflugerville <input type="checkbox"/> Rollingwood <input type="checkbox"/> Round Rock <input type="checkbox"/> Sunset Valley <input type="checkbox"/> West Lake Hills	<input type="checkbox"/> Austin <input type="checkbox"/> Cedar Park <input type="checkbox"/> Florence <input type="checkbox"/> Georgetown <input type="checkbox"/> Jerrell <input type="checkbox"/> Leander <input checked="" type="checkbox"/> Liberty Hill <input type="checkbox"/> Pflugerville <input type="checkbox"/> Round Rock

San Antonio Region					
County:	Bexar	Comal	Kinney	Medina	Uvalde
Original (1 req.)	—	—	—	—	—
Region (1 req.)	—	—	—	—	—
County(ies)	—	—	—	—	—
Groundwater Conservation District(s)	<input type="checkbox"/> Edwards Aquifer Authority <input type="checkbox"/> Trinity-Glen Rose	<input type="checkbox"/> Edwards Aquifer Authority	<input type="checkbox"/> Kinney	<input type="checkbox"/> EAA <input type="checkbox"/> Medina	<input type="checkbox"/> EAA <input type="checkbox"/> Uvalde
City(ies) Jurisdiction	<input type="checkbox"/> Castle Hills <input type="checkbox"/> Fair Oaks Ranch	<input type="checkbox"/> Bulverde <input type="checkbox"/> Fair Oaks Ranch	NA	<input type="checkbox"/> San Antonio ETJ (SAWS)	NA

<input type="checkbox"/> Helotes	<input type="checkbox"/> Garden Ridge			
<input type="checkbox"/> Hill Country Village	<input type="checkbox"/> New Braunfels			
<input type="checkbox"/> Hollywood Park	<input type="checkbox"/> Schertz			
<input type="checkbox"/> San Antonio (SAWS)				
<input type="checkbox"/> Shavano Park				

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review.

Steven B. Sylliaasen, P.E.

Print Name of Customer/Authorized Agent

[Handwritten Signature]

MARCH 5, 2026

Signature of Customer/Authorized Agent

Date

FOR TCEQ INTERNAL USE ONLY			
Date(s) Reviewed:		Date Administratively Complete:	
Received From:		Correct Number of Copies:	
Received By:		Distribution Date:	
EAPP File Number:		Complex:	
Admin. Review(s) (No.):		No. AR Rounds:	
Delinquent Fees (Y/N):		Review Time Spent:	
Lat./Long. Verified:		SOS Customer Verification:	
Agent Authorization Complete/Notarized (Y/N):		Fee Check:	Payable to TCEQ (Y/N):
Core Data Form Complete (Y/N):			Signed (Y/N):
Core Data Form Incomplete Nos.:			Less than 90 days old (Y/N):

Contributing Zone Exception Request Form

Texas Commission on Environmental Quality

for Regulated Activities on the Contributing Zone to the Edwards Aquifer and Relating to 30 TAC §213.24(1), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Contributing Zone Exception Request Form** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Steven B. Sylliaasen, P.E. - Consulting Civil Engineer, LLC

Date: March 5, 2026

Signature of Customer/Agent: 



Regulated Entity Name: Liberty Hill Cell Tower TX-801

Project Information

1. County: Williamson
2. Stream Basin: South Fork San Gabriel River
3. Groundwater Conservation District (if applicable): N/A
4. Customer (Applicant):

Contact Person: Mr. Doak Leggett

Entity: 4M Towers, L.P.

Mailing Address: 7800 Washington Avenue, Suite 700

City, State: Houston, Texas

Zip: 77007

Telephone: (713) 806-0629

Fax: _____

Email Address: dleggett@4mtowers.com

5. Agent/Representative (If any):

Contact Person: Steven B. Sylliaasen, P.E.

Entity: Steven B. Sylliaasen, P.E. - Consulting Civil Engineer, LLC

Mailing Address: 10720 Thoroughbred Drive

City, State: Austin, Texas

Zip: 78748

Telephone: (512) 280-7103

Fax: _____

Email Address: stevesylli@sbcglobal.net

6. Project Location

This project is inside the city limits of _____.

This project is outside the city limits but inside the ETJ (extra-territorial jurisdiction) of Liberty Hill, Tx.

This project is not located within any city limits or ETJ.

7. The location of the project site is described below. Sufficient detail and clarity has been provided so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

1007 North U.S. Highway 183, Liberty Hill, Texas 78642

8. **Attachment A - Road Map.** A road map showing directions to and location of the project site is attached. The map clearly shows the boundary of the project site.

9. **Attachment B - USGS Quadrangle Map.** A copy of the USGS Quadrangle Map (Scale: 1" = 2000') is attached. The map(s) should clearly show:

Project site boundaries.

USGS Quadrangle Name(s).

10. **Attachment C - Project Narrative.** A detailed narrative description of the proposed project is provided at the end of this form. The project description is consistent throughout the application and contains, at a minimum, the following details:

Area of the site

Offsite areas

Impervious cover

Permanent BMP(s)

Proposed site use

Site history

Previous development

Area(s) to be demolished

11. Existing project site conditions are noted below:

Existing commercial site

Existing industrial site

Existing residential site

Existing paved and/or unpaved roads

- Undeveloped (Cleared)
- Undeveloped (Undisturbed/Not cleared)
- Other: Undeveloped (Cleared) at Proposed Cell Tower Location

12. **Attachment D - Nature Of Exception.** A narrative description of the nature of each exception requested is attached. All provisions of 30 TAC §213 Subchapter B for which an exception is being requested have been identified in the description.
13. **Attachment E - Equivalent Water Quality Protection.** Documentation demonstrating equivalent water quality protection for surface streams which enter the Edwards Aquifer is attached.

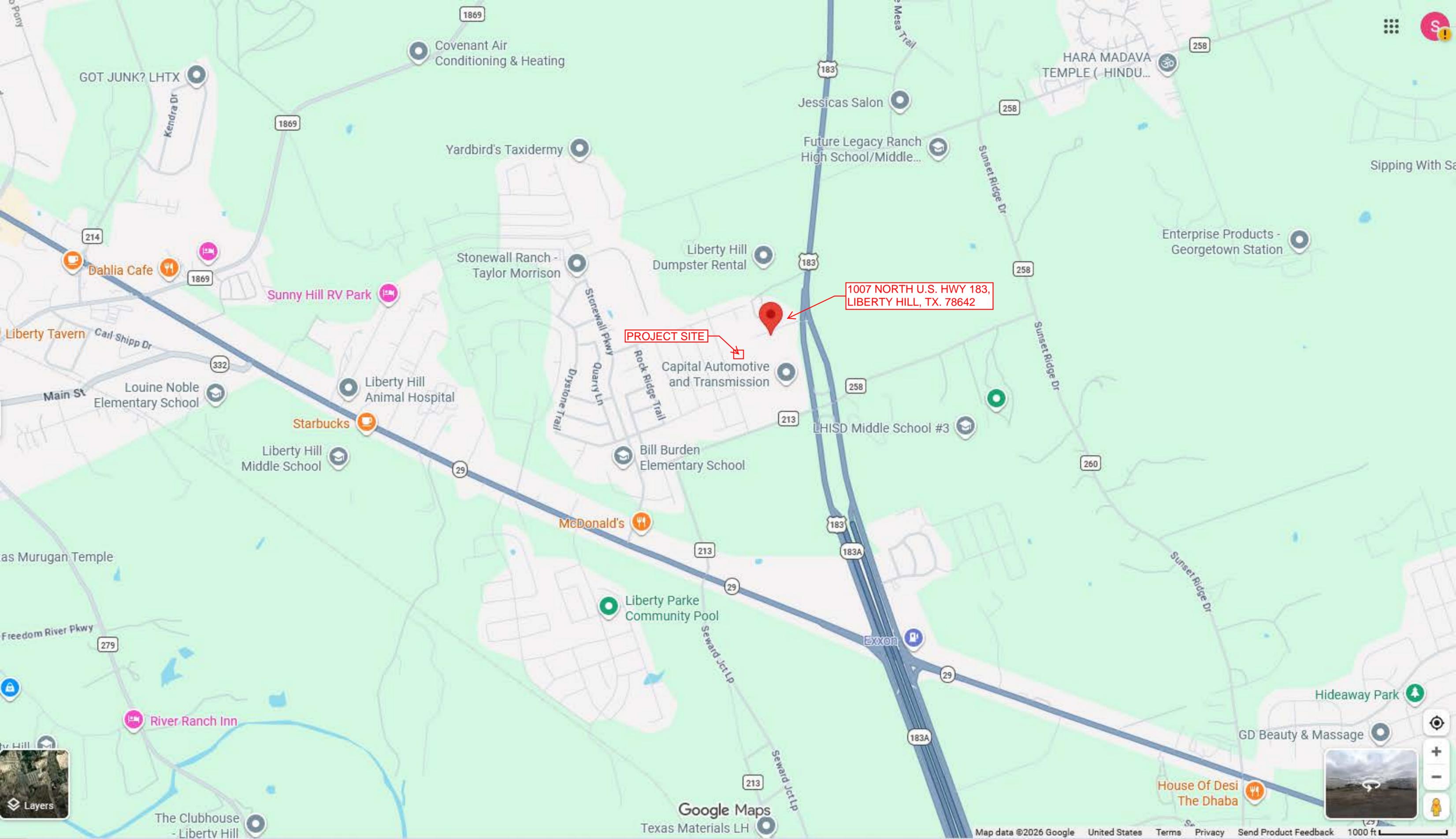
Administrative Information

14. Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions.
15. The applicant understands that prior approval under this section must be obtained from the executive director for the exception to be authorized.

EDWARDS AQUIFER APPLICATION
CONTRIBUTING ZONE EXCEPTION REQUEST
Liberty Hill Cell Tower - TX-801
1007 N. U.S. Highway 183, Liberty Hill, Texas 78642

**EDWARDS AQUIFER APPLICATION -
CONTRIBUTING ZONE EXCEPTION REQUEST
CONTRIBUTING ZONE EXCEPTION REQUEST FORM (TCEQ-10262)**

ATTACHMENT A – ROAD MAP



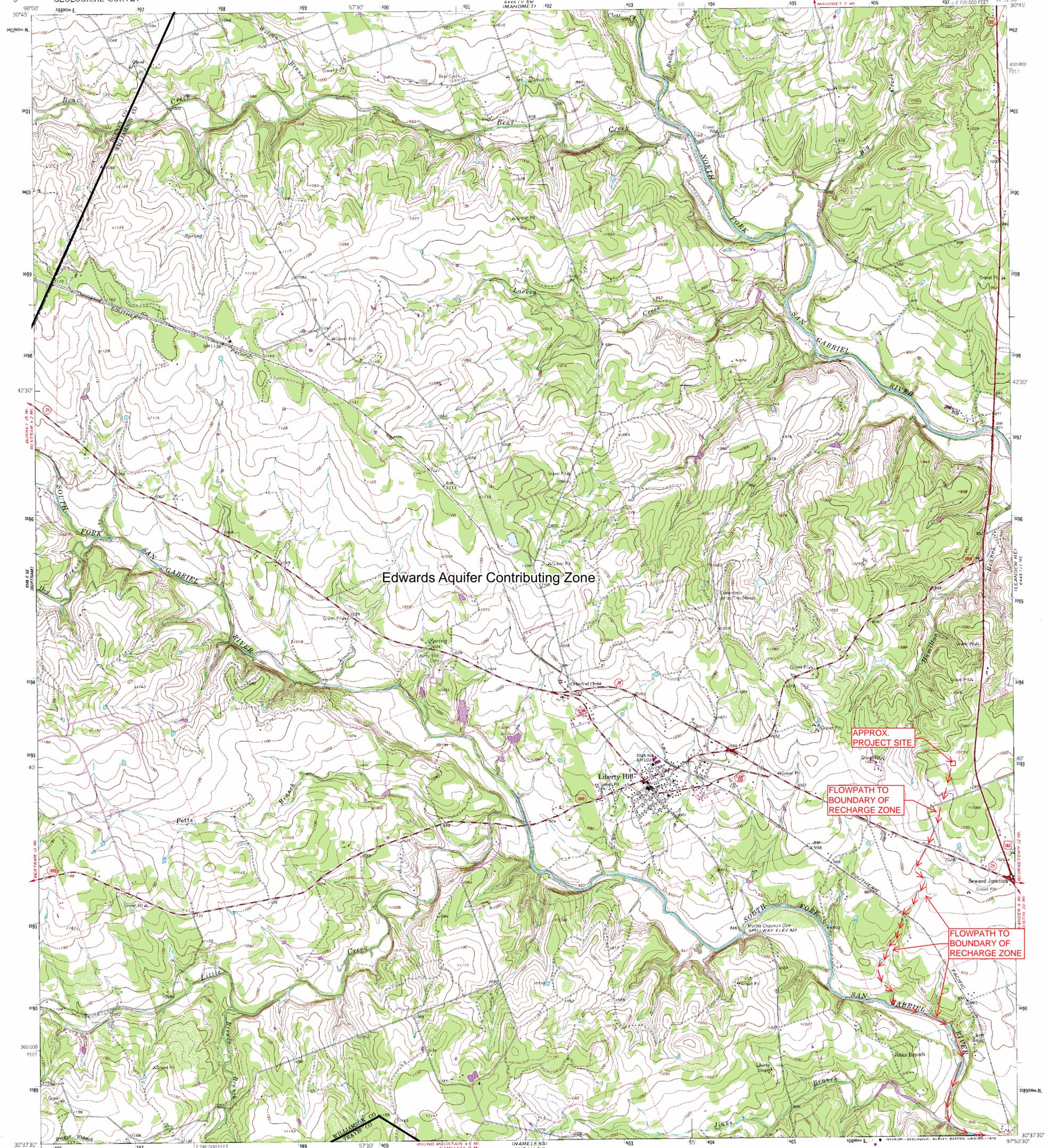
1007 NORTH U.S. HWY 183,
LIBERTY HILL, TX. 78642

PROJECT SITE

EDWARDS AQUIFER APPLICATION
CONTRIBUTING ZONE EXCEPTION REQUEST
Liberty Hill Cell Tower - TX-801
1007 N. U.S. Highway 183, Liberty Hill, Texas 78642

**EDWARDS AQUIFER APPLICATION -
CONTRIBUTING ZONE EXCEPTION REQUEST
CONTRIBUTING ZONE EXCEPTION REQUEST FORM (TCEQ-10262)**

ATTACHMENT B – USGS / EDWARDS RECHARGE ZONE MAPS



Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial photographs taken 1962. Field checked 1962
 Polyconic projection. 1927 North American datum
 10,000-foot grid based on Texas coordinate system, central zone
 1000-meter Universal Transverse Mercator grid ticks, zone 14, shown in blue
 Fine red dashed lines indicate fence lines
 Revisions shown in purple and woodland compiled from aerial photographs taken 1976 and other source data
 This information not field checked. Map edited 1979

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24,000
 CONTOUR INTERVAL 10 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION
 Heavy-duty ——— Light-duty ———
 Medium-duty ——— Unimproved dirt ———
 U.S. Route State Route

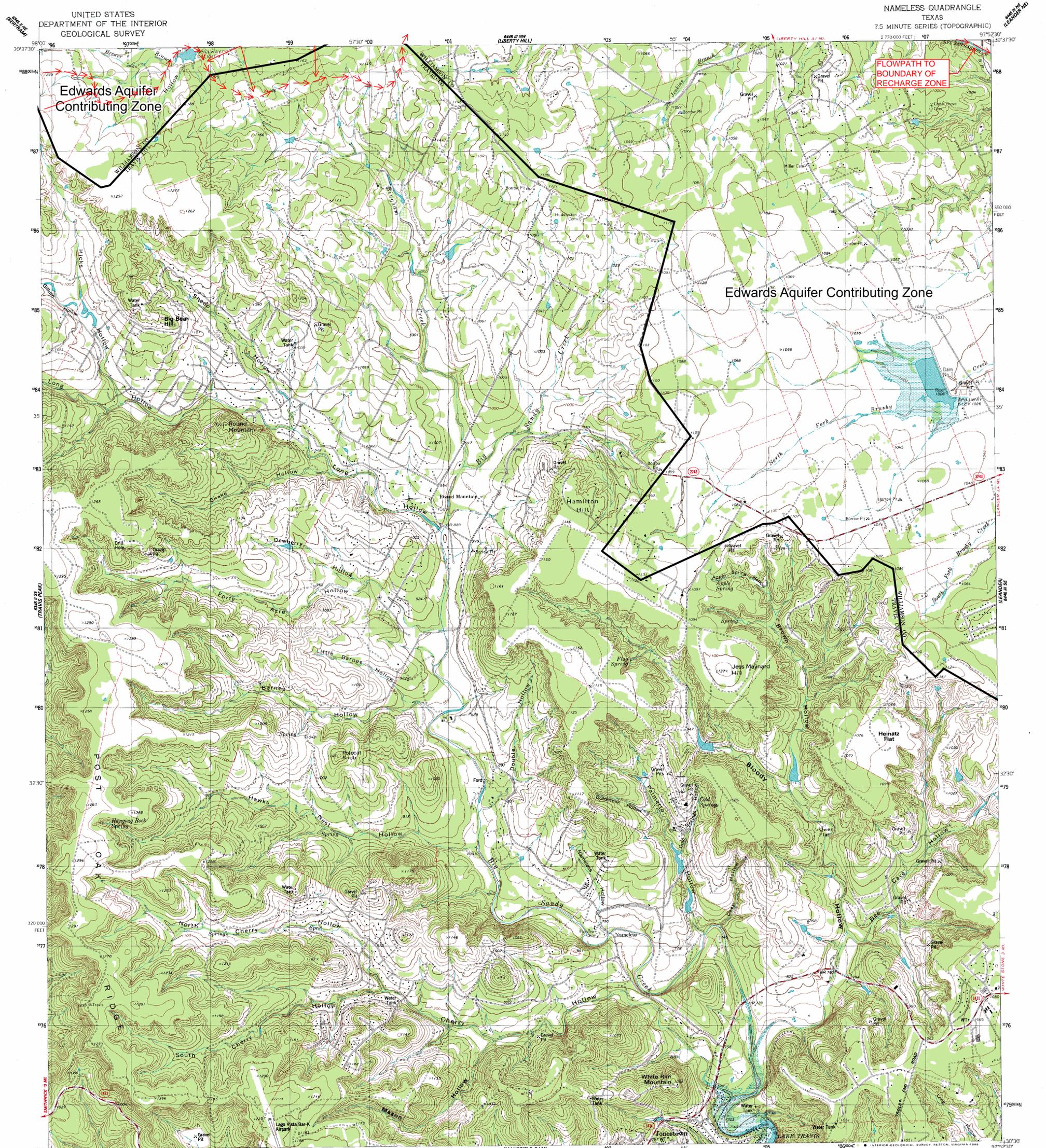
LIBERTY HILL, TEX.
 N3037.5 - W9752.5 / 7.5
 1962
 PHOTOREVISED 1979
 AMS 5445 111 NW-SERIES V.802



Texas Commission on Environmental Quality
Edwards Aquifer Protection Program

Regulatory Zones
30 TAC Chapter 213- Edwards Aquifer
Effective March 1974

This map was produced by the Groundwater Planning and Assessment Team of the Texas Commission on Environmental Quality to detail the boundaries of the regulatory zones of the Edwards Aquifer Protection Program, as described in Texas Administrative Code Title 30, Part 1, §213.3. No other claims are made to the accuracy or completeness of the data or to its suitability for a particular use. For more information about the Edwards Aquifer Protection Program, please contact the TCEQ Regional Offices in San Antonio or Austin. Printed June 2006.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

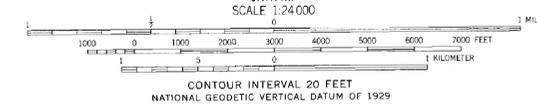
NAMELESS QUADRANGLE
TEXAS
7.5 MINUTE SERIES (TOPOGRAPHIC)
2 270 000 FEET

Edwards Aquifer
Contributing Zone

Edwards Aquifer Contributing Zone

FLOWPATH TO
BOUNDARY OF
RECHARGE ZONE

Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs
taken 1962. Field checked 1962. Revised from aerial photographs
taken 1985. Field checked 1986. Map edited 1986
Projection and 10,000-foot grid ticks: Texas
coordinate system, central zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 14
1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 17 meters south and
28 meters east as shown by dashed corner ticks
Fine red dashed lines indicate selected fence lines



ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route
	State Route



NAMELESS, TEX.
30097-E8-TF-024
1986
DMA 0445 III SW-SERIES V882

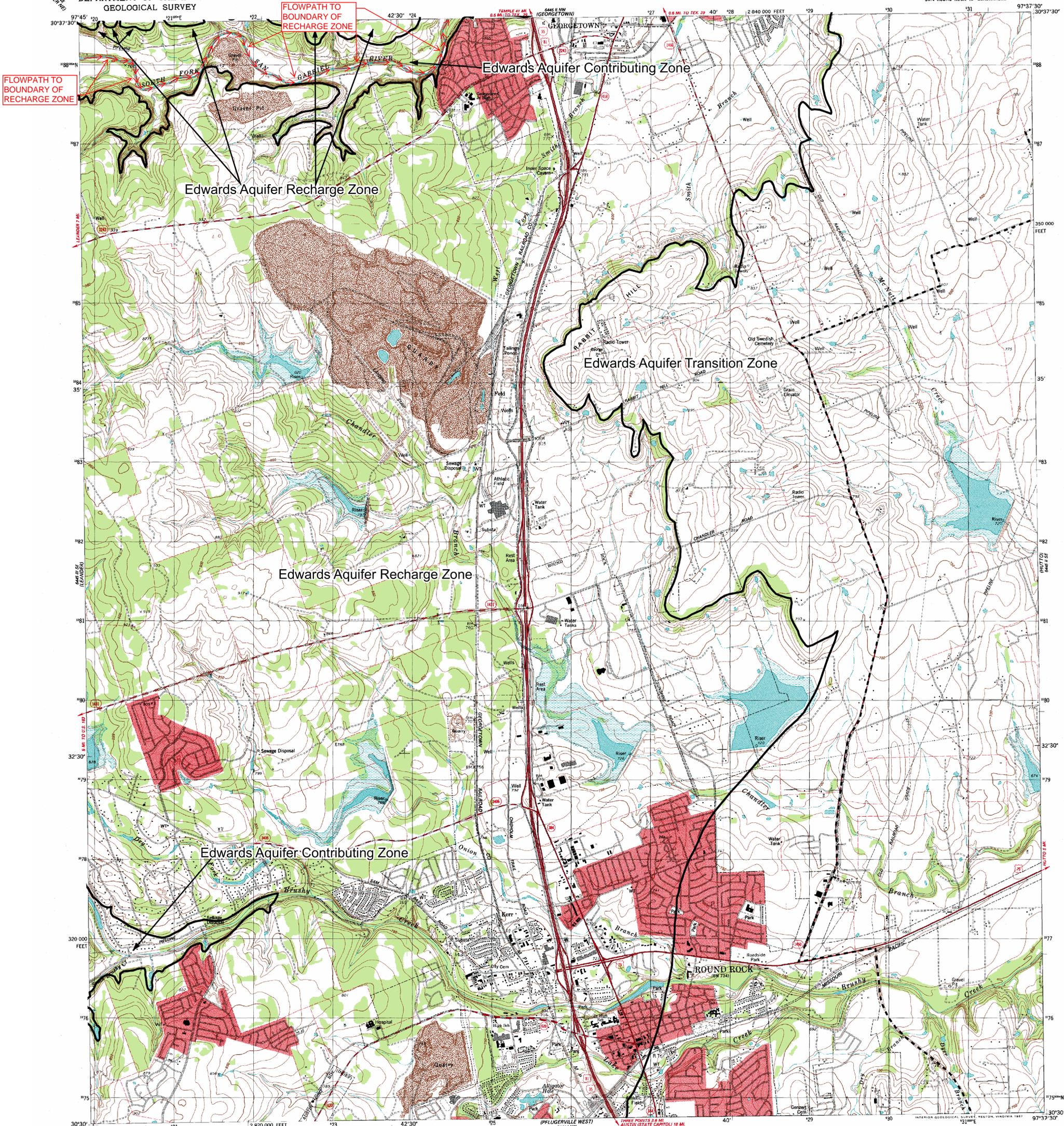
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



Regulatory Zones

30 TAC Chapter 213- Edwards Aquifer Effective March 1974

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FLOWPATH TO
BOUNDARY OF
RECHARGE ZONE

FLOWPATH TO
BOUNDARY OF
RECHARGE ZONE

Edwards Aquifer Recharge Zone

Edwards Aquifer Contributing Zone

Edwards Aquifer Transition Zone

Edwards Aquifer Recharge Zone

Edwards Aquifer Contributing Zone

ROUND ROCK

Mapped, edited and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs
taken 1974. Field checked 1975. Revised from aerial photographs
taken 1985. Field checked 1986. Map edited 1987
Projection and 10,000-foot grid ticks: Texas
coordinate system, central zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 14
1927 North American Datum
To place on the predicted North American Datum 1983
move the projection lines 17 meters south and
28 meters east as shown by dashed corner ticks
Fine red dashed lines indicate selected fence lines
Red tint indicates areas in which only landmark buildings are shown

UTM GRID AND 1987 MAGNETIC NORTH
DECLINATION AT CENTER OF MAP
DIAGRAM IS APPROXIMATE

SCALE 1:24,000
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
0 1 2 3 4 5 6 7 8 9 10 KILOMETER
CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Primary highway, hard surface
Secondary highway, hard surface
Interstate Route
U. S. Route
State Route
Light-duty road, hard or improved surface
Unimproved road
ROAD CLASSIFICATION

QUADRANGLE LOCATION

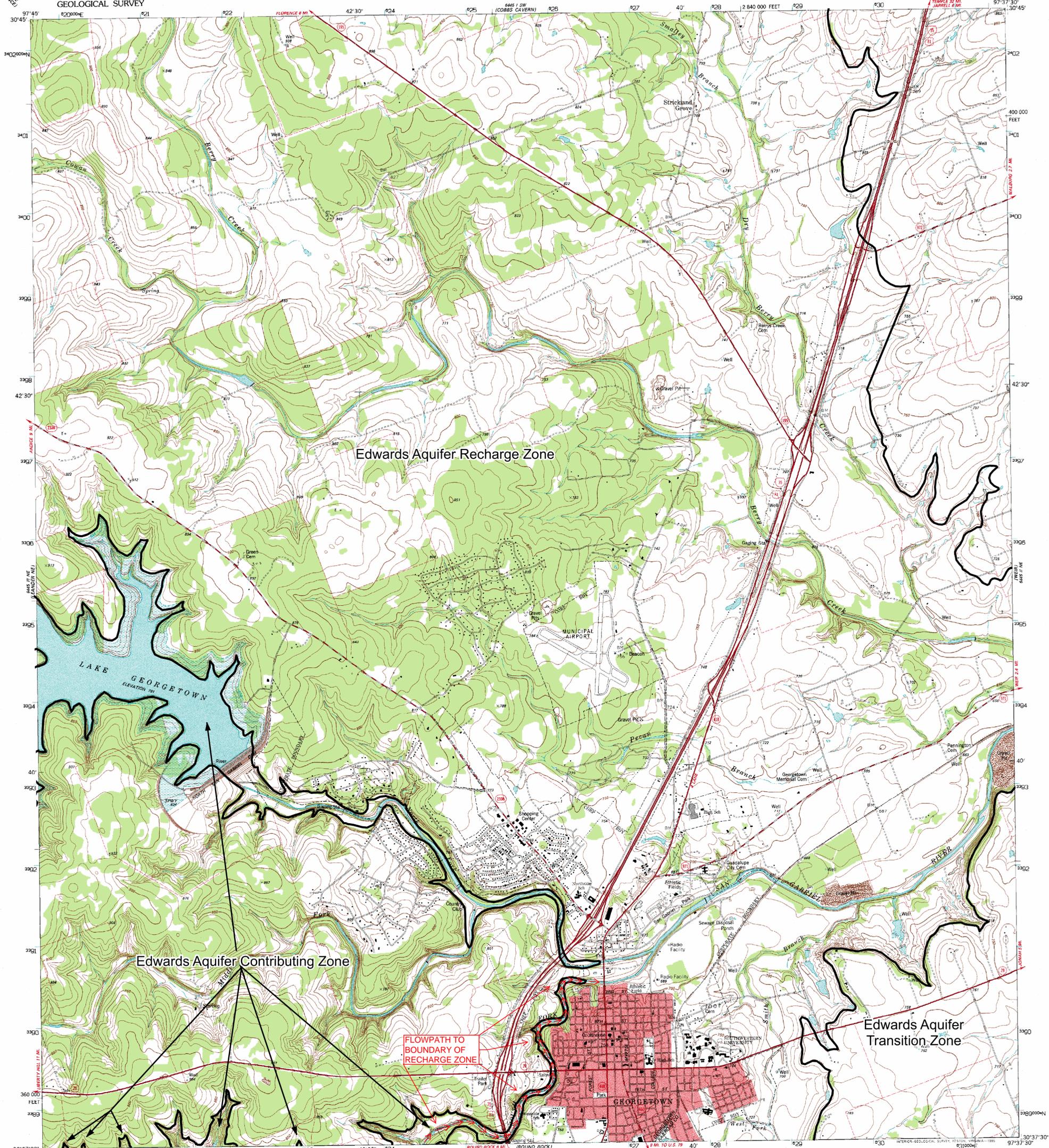
ROUND ROCK, TEX.
SW/4 ROUND ROCK 15' QUADRANGLE
30097-E6-TF-024
1987
DMA 6445 II SW-SERIES V882



Regulatory Zones

30 TAC Chapter 213- Edwards Aquifer Effective March 1990

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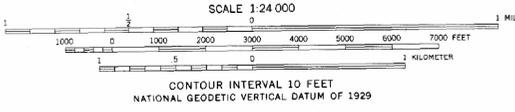
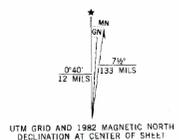
Edwards Aquifer Recharge Zone

Edwards Aquifer Contributing Zone

Edwards Aquifer Transition Zone

FLOWPATH TO BOUNDARY OF RECHARGE ZONE

Produced by the United States Geological Survey
Control by USGS and NOS/NOAA
Compiled from aerial photographs taken 1974. Field checked 1975
Map edited 1982
North American Datum of 1927 (NAD 27). Projection and
10 000-foot ticks. Texas Coordinate System, central zone
(Lambert Conformal Conic)
Blue 1000-meter Universal Transverse Mercator ticks, zone 14
North American Datum of 1983 (NAD 83) is shown by dashed
corner ticks. The values of the shift between NAD 27 and NAD 83
for 7.5-minute intersections are obtainable from National Geographic
Survey NADCON software
Red tint indicates areas in which only landmark buildings are shown
Fine red dashed lines indicate selected fence lines
Areas covered by dashed light-blue pattern are subject to
controlled inundation



ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
Interstate Route	U. S. Route
	State Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

GEORGETOWN, TX
30097-6-1F-024
1982
DMA 6445 II NW-SERIES V882



Regulatory Zones
30 TAC Chapter 213- Edwards Aquifer
Effective March 1990

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**EDWARDS AQUIFER APPLICATION -
CONTRIBUTING ZONE EXCEPTION REQUEST
CONTRIBUTING ZONE EXCEPTION REQUEST FORM (TCEQ-10262)**

ATTACHMENT C – PROJECT DESCRIPTION or NARRATIVE

The project is proposing to construct a wireless telecommunications facility within a 75' x 75' lease area in the southwestern corner of a 6.89 acre tract of land located at 1007 North U.S. Highway 183, Liberty Hill, Texas.

Description of Existing 6.89 Acre Industrial Site

The existing 6.89 acre tract of land located at 1007 North U.S. Highway 183, Liberty Hill, Texas is currently developed as an industrial site, with eight (8) existing industrial buildings. The legal description of the existing 6.89 acre tract of land is: Kellyville Addition, Lot 1, Abstract No. 52 of the John B. Robinson Survey in Williamson County, Texas, conveyed to North 183, LLC, by Instrument No. 2016110321 of the official public records of Williamson County, Texas. The property is located with the City of Liberty Hill's 2-mile extra-territorial jurisdiction (ETJ) and not zoned because it is outside of the City of Liberty Hill's full-purpose jurisdiction. The subject property is located within the Edwards Aquifer Contributing Zone as defined by the Texas Commission on Environmental Quality (TCEQ) and it appears from U.S.G.S. topographic information that the subject property is located within the South Fork San Gabriel River Watershed.

The existing 6.89 acre site consists of a developed lot that is situated on the western side of U.S. Highway 183, approximately 1,300 feet north of County Road 213 and approximately 2,600 feet south of the County Road 258 and Long Run intersection. Access to the site is taken from the eastern side of the site by a concrete driveway adjacent to the U.S. Highway 183 right-of-way.

The existing site has eight (8) medium sized industrial buildings and a non-paved driveway that is along the center of the site, with four (4) buildings on each side. Near each building are non-paved parking areas and non-paved 'lay-down' areas for material storage. In addition, the existing site also has temporary storage containers in the western portion of the property. Some of which will be removed for the proposed cell tower improvements.

The existing topography of the 6.89 acre property is such that the approximate center of the property is on a ridge and the property drains in two (2) directions, an eastern direction and a western direction. There are no offsite drainage areas tributary to the existing 6.89 acre property.

The eastern portion of the 6.89 acre property is flat and the site slopes from approximately 0.50% to 1.25% from the property's ridge near the center of the property towards the eastern side of the site adjacent to the U.S. Highway 183 right-of-way. No proposed cell tower improvements will be within the eastern portion of the 6.89 acre tract, therefore no calculations are presented with this drainage report.

The western portion of the 6.89 acre property has two (2) drainage areas, Onsite Drainage Area #1 and Onsite Drainage Area #2. These drainage areas are separated by a mild ridge that runs in a southwesterly direction across the western portion of the 6.89 acre property. Both of these drainage areas are also flat

EDWARDS AQUIFER APPLICATION
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Liberty Hill Cell Tower - TX-801
1007 N. U.S. Highway 183, Liberty Hill, Texas 78642

and the site slopes from approximately 0.75% to 1.50% from the property's ridge near the center of the property towards the western side of the site adjacent to a drainage lot easement associated with the existing Amended Plat of the Stonewall Ranch, Section 8 subdivision.

Description of Existing Site Conditions of the Proposed Cell Tower Lease Area

As mentioned above, all of the proposed cell tower improvements will be within the 75' x 75' lease area in the southwestern corner of the western portion of the 6.89 acre property. In addition, as mentioned above, the western portion of the 6.89 acre property has two (2) drainage areas, Onsite Drainage Area #1 and Onsite Drainage Area #2. All of the proposed cell tower improvements will be within the Onsite Drainage Area #1.

The Onsite Drainage Area #1 in the southwestern portion of the 6.89 acre property is flat and the drainage area slopes from approximately 0.75% to 1.50% from the property's ridge near the center of the property towards the western side of the site adjacent to a drainage lot easement associated with the existing Amended Plat of the Stonewall Ranch, Section 8 subdivision.

Description of Proposed Improvements

The project proposes to construct an unmanned telecommunications facility in one (1) phase, within the 75' x 75' lease area in the southwestern corner of the western portion of the 6.89 acre tract. The site improvements propose no demolition to the existing open-space area. Only the removal of some of the temporary storage containers, that have already been removed from the 75' x 75' lease area.

The project proposes to construct a wireless telecommunications facility consisting of a 250' self-support telecommunications tower, platform space for carrier equipment and a utility backboard within a 6' tall chain-link fenced 60' x 65' compound area, an access driveway and vegetative filter strips within the 75' x 75' lease area in the southwestern corner of a 6.89 acre tract of land. The project does not propose any water or wastewater utility services or connections.

The proposed cell tower improvements will be within a 65' x 60' fenced area, located within the 75' x 75' lease area in the southwestern portion of the proposed project site. In addition, a 15' wide access driveway providing access to the cell tower's fenced area, consisting of 554 s.f. will also be located within the 75' x 75' lease area in the southwestern portion of the proposed project site. The proposed improvements for both the cell tower's 65' x 60' fenced area and the 15' wide access driveway's area will consist of placing 3" to 4" large rock material over the reconditioned existing soil.

The proposed cell tower improvements will be within a 65' x 60' fenced area, located within the 75' x 75' lease area in the southwestern portion of the proposed project site. Outside of and on the downstream side of the cell tower's fenced area and access driveway, will be 10' wide and 15' wide vegetative filter strips for water quality purposes, consisting of 2,298 s.f., also located within the 75' x 75' lease area in the southwestern portion of the proposed project site.

The proposed conditions tributary drainage areas are exactly the same as the existing conditions tributary drainage areas, consisting of one (1) eastern onsite drainage area and two (2) western onsite drainage areas. There are no offsite drainage areas tributary to the existing 6.89 acre property. The eastern onsite

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drainage area of the 6.89 acre property proposes no cell tower improvements and therefore no calculations are presented. The western onsite drainage areas of the 6.89 acre property is separated by a mild ridge that runs in a southwesterly direction across the western portion of the property and creates two (2) drainage areas, Onsite Drainage Area #1 and Onsite Drainage Area #2.

Per the Impervious Cover Notes and Summary Chart shown on Sheet CIV-4 of the plan set, the proposed wireless telecommunications facility does not add any additional impervious cover to the Onsite Drainage Area #1, which contains all of the wireless telecommunications facility's improvements. Therefore, water quality BMPs should technically not be required for the wireless telecommunications facility's improvements.

The proposed wireless telecommunications facility within the 75' x 75' lease area proposes to have less impervious cover within the Onsite Drainage Area #1 in the proposed condition than that of the existing condition. The proposed conditions drainage calculations produce storm water run-off quantities for the 2-year, 10-year, 25-year and 100-year storm events that are less than that of the existing conditions drainage calculations. Therefore, storm water detention will not be required for this cell tower site improvements.

The proposed cell tower site improvements within the 75' x 75' lease area in the southwestern portion of the proposed project site, can be summarized as follows:

1. We are removing 2,238 s.f. of temporary storage containers, impervious cover, from the proposed cell tower site and 75' x 75' lease area in the southwestern portion of the proposed project site.
2. The proposed project, the cell tower site area and the 15' wide access driveway areas are adding 3" to 4" large rock material over the existing reconditioned soil and/or ground. The void ratio associated with the 3" to 4" large rock material is estimated to be 40%. In other words, the 3" to 4" large rock material is estimated to be 60% impervious cover over the cell tower site area and the 15' wide access driveway area.
3. The proposed project is converting 2,298 s.f. of the existing soil and/or ground to a very good condition grass with the proposed vegetative filter strips.
4. Because of these improvements, it should be noted and recognized that the proposed conditions composite C-Values for the 2, 10, 25 and 100-year storm events are less than that of the existing conditions composite C-Values for the 2, 10, 25 and 100-year storm events. Therefore, one should expect the storm water run-off from the proposed cell tower site to be less than that of the existing conditions.

As mentioned above, the proposed wireless telecommunications facility will provide its own water quality treatment system, consisting of 10' wide and 15' wide vegetative filter strips, totaling 2,298 s.f., on the downstream side of the cell tower's fenced area and access driveway, within the 75' x 75' lease area in the southwestern portion of the proposed project site.

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ATTACHMENT D – NATURE OF EXCEPTION

The project is proposing to construct a wireless telecommunications facility within a 75' x 75' lease area in the southwestern corner of a 6.89 acre tract of land located at 1007 North U.S. Highway 183, Liberty Hill, Texas.

The existing 6.89 acre tract of land located at 1007 North U.S. Highway 183, Liberty Hill, Texas is currently developed as an industrial site, with eight (8) existing industrial buildings. The subject property is located within the Edwards Aquifer Contributing Zone as defined by the Texas Commission on Environmental Quality (TCEQ) and it appears from U.S.G.S. topographic information that the subject property is located within the South Fork San Gabriel River Watershed.

The existing 6.89 acre tract of land and industrial developed site does not have a known Water Pollution Abatement Plan (WPAP) approved by Texas Commission on Environmental Quality (TCEQ), in compliance with 30 Texas Administrative Code, Chapter 213, the Edwards Aquifer Protection Program.

The existing industrial developed site has eight (8) medium sized industrial buildings and a non-paved driveway that is along the center of the site, with four (4) buildings on each side. Near each building are non-paved parking areas and non-paved 'lay-down' areas for material storage. In addition, the existing site also has temporary storage containers in the western portion of the property. Some of which will be removed for the proposed cell tower improvements.

The project proposes to construct an unmanned telecommunications facility, within the 75' x 75' lease area in the southwestern corner of the western portion of the 6.89 acre tract. The site improvements propose no demolition to the existing open-space area. Only the removal of some of the temporary storage containers, that have already been removed from the 75' x 75' lease area.

The project proposes to construct a wireless telecommunications facility consisting of a 250' self-support telecommunications tower, platform space for carrier equipment and a utility backboard within a 6' tall chain-link fenced 60' x 65' compound area, an access driveway and vegetative filter strips within the 75' x 75' lease area in the southwestern corner of a 6.89 acre tract of land. The project does not propose any water or wastewater utility services or connections.

The project will provide its own water quality system in the form of vegetative filter strips installed on the outside of and on the downstream side of the cell tower's fenced area and access driveway.

As described above, in Attachment C - Project Description or Narrative, and per Impervious Cover Notes and Summary Chart shown on Sheet CIV-4 of the plan set, the proposed wireless telecommunications facility does not add any additional impervious cover to the Onsite Drainage Area #1, which contains all of the wireless telecommunications facility's improvements.

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The proposed wireless telecommunications facility's improvements within the 75' x 75' lease area proposes to have less impervious cover within the Onsite Drainage Area #1 in the proposed condition than that of the existing condition. The proposed conditions drainage calculations produce storm water run-off quantities for the 2-year, 10-year, 25-year and 100-year storm events that are less than that of the existing conditions drainage calculations. Therefore, water quality BMPs should technically not be required for the wireless telecommunications facility's improvements.

However, as mentioned above, the proposed wireless telecommunications facility will provide its own water quality treatment system, consisting of 10' wide and 15' wide vegetative filter strips, totaling 2,298 s.f., on the downstream side of the cell tower's fenced area and access driveway, within the 75' x 75' lease area in the southwestern portion of the proposed project site.

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ATTACHMENT E – DOCUMENTATION OF EQUIVALENT WATER QUALITY PROTECTION

The project proposes to construct an unmanned telecommunications facility, within the 75' x 75' lease area in the southwestern corner of the western portion of the 6.89 acre tract. The site improvements propose no demolition to the existing open-space area. Only the removal of some of the temporary storage containers, that have already been removed from the 75' x 75' lease area.

The project proposes to construct a wireless telecommunications facility consisting of a 250' self-support telecommunications tower, platform space for carrier equipment and a utility backboard within a 6' tall chain-link fenced 60' x 65' compound area, an access driveway and vegetative filter strips within the 75' x 75' lease area in the southwestern corner of a 6.89 acre tract of land. The project does not propose any water or wastewater utility services or connections.

The project will provide its own water quality system in the form of vegetative filter strips installed on the outside of and on the downstream side of the cell tower's fenced area and access driveway.

As described above, in Attachment C - Project Description or Narrative, and per Impervious Cover Notes and Summary Chart shown on Sheet CIV-4 of the plan set, the proposed wireless telecommunications facility does not add any additional impervious cover to the Onsite Drainage Area #1, which contains all of the wireless telecommunications facility's improvements.

The proposed wireless telecommunications facility's improvements within the 75' x 75' lease area proposes to have less impervious cover within the Onsite Drainage Area #1 in the proposed condition than that of the existing condition. The proposed conditions drainage calculations produce storm water run-off quantities for the 2-year, 10-year, 25-year and 100-year storm events that are less than that of the existing conditions drainage calculations. Therefore, water quality BMPs should technically not be required for the wireless telecommunications facility's improvements.

However, as mentioned above, the proposed wireless telecommunications facility will provide its own water quality treatment system, consisting of 10' wide and 15' wide vegetative filter strips, totaling 2,298 s.f., on the downstream side of the cell tower's fenced area and access driveway, within the 75' x 75' lease area in the southwestern portion of the proposed project site.

Temporary Stormwater Section

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(A), (B), (D)(I) and (G); Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Temporary Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: Steven B. Sylliaasen, P.E. - Consulting Civil Engineer, LLC

Date: March 5, 2026

Signature of Customer/Agent:



Regulated Entity Name: Liberty Hill Cell Tower TX-801

Project Information

Potential Sources of Contamination

Examples: Fuel storage and use, chemical storage and use, use of asphaltic products, construction vehicles tracking onto public roads, and existing solid waste.

1. Fuels for construction equipment and hazardous substances which will be used during construction:

The following fuels and/or hazardous substances will be stored on the site: _____

These fuels and/or hazardous substances will be stored in:

- Aboveground storage tanks with a cumulative storage capacity of less than 250 gallons will be stored on the site for less than one (1) year.

- Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.
- Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.
- Fuels and hazardous substances will not be stored on the site.
- 2. **Attachment A - Spill Response Actions.** A site specific description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is attached.
- 3. Temporary aboveground storage tank systems of 250 gallons or more cumulative storage capacity must be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature.
- 4. **Attachment B - Potential Sources of Contamination.** A description of any activities or processes which may be a potential source of contamination affecting surface water quality is attached.

Sequence of Construction

- 5. **Attachment C - Sequence of Major Activities.** A description of the sequence of major activities which will disturb soils for major portions of the site (grubbing, excavation, grading, utilities, and infrastructure installation) is attached.
 - For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given.
 - For each activity described, include a description of appropriate temporary control measures and the general timing (or sequence) during the construction process that the measures will be implemented.
- 6. Name the receiving water(s) at or near the site which will be disturbed or which will receive discharges from disturbed areas of the project: South Fork San Gabriel River

Temporary Best Management Practices (TBMPs)

Erosion control examples: tree protection, interceptor swales, level spreaders, outlet stabilization, blankets or matting, mulch, and sod. Sediment control examples: stabilized construction exit, silt fence, filter dikes, rock berms, buffer strips, sediment traps, and sediment basins. Please refer to the Technical Guidance Manual for guidelines and specifications. All structural BMPs must be shown on the site plan.

- 7. **Attachment D – Temporary Best Management Practices and Measures.** TBMPs and measures will prevent pollution of surface water, groundwater, and stormwater. The construction-phase BMPs for erosion and sediment controls have been designed to retain sediment on site to the extent practicable. The following information is attached:

- A description of how BMPs and measures will prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site.
 - A description of how BMPs and measures will prevent pollution of surface water or groundwater that originates on-site or flows off site, including pollution caused by contaminated stormwater runoff from the site.
 - A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.
 - A description of how, to the maximum extent practicable, BMPs and measures will maintain flow to naturally-occurring sensitive features identified in either the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.
8. The temporary sealing of a naturally-occurring sensitive feature which accepts recharge to the Edwards Aquifer as a temporary pollution abatement measure during active construction should be avoided.
- Attachment E - Request to Temporarily Seal a Feature.** A request to temporarily seal a feature is attached. The request includes justification as to why no reasonable and practicable alternative exists for each feature.
 - There will be no temporary sealing of naturally-occurring sensitive features on the site.
9. **Attachment F - Structural Practices.** A description of the structural practices that will be used to divert flows away from exposed soils, to store flows, or to otherwise limit runoff discharge of pollutants from exposed areas of the site is attached. Placement of structural practices in floodplains has been avoided.
10. **Attachment G - Drainage Area Map.** A drainage area map supporting the following requirements is attached:
- For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.
 - For areas that will have more than 10 acres within a common drainage area disturbed at one time, a smaller sediment basin and/or sediment trap(s) will be used.
 - For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin or other equivalent controls are not attainable, but other TBMPs and measures will be used in combination to protect down slope and side slope boundaries of the construction area.
 - There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.

- There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. Erosion and sediment controls other than sediment basins or sediment traps within each disturbed drainage area will be used.
11. **Attachment H - Temporary Sediment Pond(s) Plans and Calculations.** Temporary sediment pond or basin construction plans and design calculations for a proposed temporary BMP or measure have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer. All construction plans and design information must be signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed temporary BMPs and measures are attached.
- N/A
12. **Attachment I - Inspection and Maintenance for BMPs.** A plan for the inspection of each temporary BMP(s) and measure(s) and for their timely maintenance, repairs, and, if necessary, retrofit is attached. A description of the documentation procedures, recordkeeping practices, and inspection frequency are included in the plan and are specific to the site and/or BMP.
13. All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.
14. If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain).
15. Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50%. A permanent stake will be provided that can indicate when the sediment occupies 50% of the basin volume.
16. Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls, picked up daily).

Soil Stabilization Practices

Examples: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, or preservation of mature vegetation.

17. **Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices.** A schedule of the interim and permanent soil stabilization practices for the site is attached.

18. Records must be kept at the site of the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
19. Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

Administrative Information

20. All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.
21. If any geologic or manmade features, such as caves, faults, sinkholes, etc., are discovered, all regulated activities near the feature will be immediately suspended. The appropriate TCEQ Regional Office shall be immediately notified. Regulated activities must cease and not continue until the TCEQ has reviewed and approved the methods proposed to protect the aquifer from any adverse impacts.
22. Silt fences, diversion berms, and other temporary erosion and sediment controls will be constructed and maintained as appropriate to prevent pollutants from entering sensitive features discovered during construction.

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ATTACHMENT A – SPILL RESPONSE ACTIONS

Responsibility for adequate cleanup of any chemical spills during construction will be placed on the CONTRACTOR. All cleanup will be to the standards of the Texas Commission on Environmental Quality (TCEQ). The CONTRACTOR will notify TCEQ of any chemical, hydrocarbons or hazardous substance spills within 24 hours of the incident.

Spill Prevention, Cleanup and Disposal:

1. The CONTRACTOR shall be prepared to contain or dike spills to prevent spreading. Smaller areas are easier to cleanup than larger ones. Keep absorbent materials such as clay (cat litter), polypropylene brooms, pads, rags and sawdust on hand for cleanup of spilled liquids.
2. Hydrocarbons or hazardous substances spilled during construction will be cleaned up immediately upon discovery. Waterways will be swept and vacuumed as required. Contaminated soils will be excavated and removed to an approved TCEQ disposal site.
3. Absorbent materials may be needed to effectively cleanup various materials spilled on the pavement, waterways and soil. Soil or other media or materials that have been contaminated with petroleum based products or other pollutants should be excavated and remediated to prevent contaminate discharges to a storm drain or waterway. Excavated contaminated materials should be stored in containers or in areas covered with plastic, so that the contamination does not infiltrate back into the ground during a rainstorm.
4. Contaminated materials shall be disposed of properly. proper disposal of the materials depends on the type of contaminate(s). Hazardous wastes are considered regulated wastes and should be placed in containers for transport and disposal by a permitted company. Disposal is also dependent on the amount of the contaminate d materials.
5. Contact the Williamson County Emergency Services District #4 to report an accident.

The objective of this section is to describe measures to prevent and/or reduce discharge of pollutants to drainage systems or watercourses from leaks and spills by reducing the chance for spills, stopping the source of the spills, minimizing, containing and cleaning up the spills, properly disposing of the contaminated materials and training those responsible for the spills.

The following measures will help to reduce the storm water impacts of the leaks and spills.

Education:

1. Be aware that different materials pollute in differing amounts. Make sure that Contractor's employees knows what a "significant spill" is for each material they utilize, and what are the appropriate responses and actions for "significant" and "insignificant" spills. Contractor's employees should be aware of when a spill must be reported to TCEQ. This information is available in 30 TAC 327.4 and 40 CFR 302.4.

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2. It is the Contractor's responsibility to educate employees and subcontractors on potential dangers to humans and the environment from spills and leaks.
3. The Contractor shall hold regular safety meetings to discuss and reinforce appropriate disposal procedures.
4. The Contractor shall establish a continuing education program for all of its employees.
5. The Contractor's superintendant or representative shall oversee and enforce proper spill prevention and control measures.

General Measures:

1. To the extent that the work can be accomplished safely, spills of oil(s), petroleum products, substances listed in 40 CFR - Parts 110, 117 and 302, sanitary sewer wastes and septic wastes should be contained and cleaned up immediately.
2. Store hazardous materials and wastes in covered containers and protect from vandalism.
3. Place a stockpile of spill cleanup materials where it is readily accessible and available.
4. Contractor shall educate its employees and subcontractors in spill prevention and cleanup.
5. Contractor shall designate responsible individuals to oversee and enforce spill control measures.
6. Spills should be covered and protected from storm water during a rainfall to the extent that it does not compromise the cleanup activities.
7. Do not bury spills.
8. Do not wash spills with water.
9. Store and dispose of used cleanup materials, contaminated materials and recovered spill materials that are no longer suitable for their intended purpose in conformance with the provisions of the applicable BMPs.
10. Do not allow water utilized for cleaning and decontamination to enter storm drains or watercourses. Collect and dispose of contaminated water in accordance with applicable TCEQ regulations.
11. Contain water overflow and/or minor spillage and do not allow it to discharge into drainage facilities, storm drains or watercourses.
12. Place Material Safety Data Sheets (MSDS), as well as proper storage, cleanup and spill response reporting instructions for hazardous materials stored and/or utilized on the project site in an open and accessible location.
13. Keep waste storage areas clean, well organized and equipped with an ample amount of cleanup supplies for the materials being stored.

14. Perimeter controls, containment structures, covers and liners should be repaired and/or replaced as needed to maintain proper function.

Cleanup:

1. Clean up spills and leaks immediately.
2. Use a rag for small spills on paved surfaces, a damp mop for general cleanup and absorbent materials for larger spills.
3. If a spilled material is hazardous, than the used cleanup materials are considered hazardous as well and must be disposed of as hazardous waste.
4. Never hose down or bury material spills. Cleanup as much of the material as possible and dispose of properly.

Minor Spills:

1. Minor spills typically involve small quantities of oil, gasoline, paint and petroleum products, etc. which can be controlled by the first responder at the location of the spill.
2. Use absorbent materials on small spills rather than hosing down or burying the spilled material.
3. Absorbent materials should be promptly removed and disposed of properly.
4. Follow the below steps for a minor spill:
 - a. Contain the spread of the spill.
 - b. Recover spilled materials.
 - c. Clean the contaminated area and properly dispose of contaminated materials.

Semi-Significant Spills:

1. Semi-significant spills can be controlled by the first responder along with the aid of other personnel, such as laborers and the foreman, etc., at the location of the spill. This response may require the cessation of all other activities.
2. Spills should be cleaned up immediately following these steps:
 - a. Contain the spread of the spill.
 - b. Notify the project foreman immediately.
 - c. If the spill occurs on pavement or impermeable surfaces, clean up utilizing "dry" methods, absorbent materials, cat litter and/or rags. Contain the spill or contaminated area by encircling the spill or contaminated area with absorbent materials and do not let the spill spread widely.
 - d. If the spill occurs in dirt areas, immediately contain the spill by constructing an earthen berm or dike. Dig up and properly dispose of the contaminated soil(s).
 - e. If the spill occurs during rain, cover the spill with tarps or other similar materials to prevent contaminating the storm runoff.

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Significant and/or Hazardous Spills:

1. Notify the TCEQ by telephone as soon as possible and within 24 hours at 512-339-2929 (Austin Office) or 210-490-3096 (San Antonio Office) between 8:00 a.m. and 5:00 p.m. After hours, contact the Environmental Release Hotline at 1-800-832-8224. It is the Contractor's responsibility to have all emergency telephone numbers at the construction site.
2. For spills of Federal reportable quantities, in conformance with the requirements listed in 40 CFR - Parts 110, 119 and 302, the Contractor should notify the National Response Center at 1-800-424-8802.
3. Notification should first be made by a telephone call and followed up with a written report.
4. Construction personnel should not attempt to clean up the spill or contamination until the appropriate and qualified persons have arrived at the project site.
5. The services of a Spills Contractor or a Hazardous Materials Team should be obtained immediately.
6. Other agencies may need to be consulted, which may include but are not limited to the Local Police Department, County Sheriff Office, Fire Departments, Emergency Management Services Districts, etc.

More information on spill response rules and technical guidance is available on the TCEQ website at:

<http://www.tceq.texas.gov/response/spills/>

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ATTACHMENT B – POTENTIAL SOURCES OF CONTAMINATION

Potential sources of contamination are those typically associated with a construction site.

Fuel, chemical and hazardous substance storage will not be allowed on the site.

Construction vehicles on the site and tracking soils onto public roads are a potential source of contamination as well as solid waste from construction workers.

It should be noted that the responsibility for adequate cleanup of any construction debris and/or chemical spills during construction will be placed on the CONTRACTOR. All cleanup will be to the standards of the Texas Commission on Environmental Quality (TCEQ). The CONTRACTOR will notify TCEQ of any chemical, hydrocarbons or hazardous substance spills within 24 hours of the incident.

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ATTACHMENT C – SEQUENCE OF MAJOR ACTIVITIES

The proposed total limits of construction for this project site is 5,625 s.f. = 0.1291 acres.

1. Install temporary erosion controls per approved plans.
2. Contact Williamson County and City of Liberty Hill as required to schedule a pre-construction conference.
3. Hold pre-construction conference.
4. If necessary, revise erosion controls as directed by Williamson County and City of Liberty Hill Environmental Inspectors.
5. Begin site clearing and site excavation.
6. Begin construction of onsite improvements. To include but not be limited to; installing vegetative filter strip system via site grading and sodding grass, site improvements, concrete pad installation, cell tower installation, equipment installation, fencing installation and other site improvements.
7. Restore and revegetate disturbed areas, if necessary. Or, complete a Developer's Contract for the site revegetation along with the Engineer's Concurrence Letter.
8. Project Engineer observes site improvement installations and issues Engineer's Concurrence Letter to Williamson County, the City of Liberty Hill and TCEQ.
9. Final inspection of site improvements is schedule upon receipt of the Engineer's Concurrence Letter.
10. Remove temporary erosion/sedimentation controls only after Williamson County and City of Liberty Hill Environmental Inspectors have accepted the permanent erosion controls.

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ATTACHMENT D – TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

The temporary silt fence material and a stabilized construction entrance/exit is to be installed prior to construction activities.

All temporary and/or construction storm water runoff from the site will pass through the proposed permanent BMP, a vegetative filter strip system, and then flow through the temporary silt fence material.

The proposed cell tower site is designed such that storm water run-off will not have any adverse effect on the existing industrial site's storm run-off patterns.

Temporary Construction Entrance/Exit:

The purpose of a temporary construction entrance/exit is to provide a stable entrance/exit condition from the construction site, for the purpose of preventing mud and sediment from being transported to the public roads and right-of-ways.

A temporary construction entrance/exit is a stabilized pad and/or area of crushed stone that is located on the construction site, where the construction vehicles are required to enter and exit, to and from the public roads and right-of-ways. This practice should be utilized at all locations of construction site access and construction vehicle ingress and egress. To minimize the amount of mud and sediment to the adjacent roadways the number of construction site access points and temporary construction entrance/exit should be as few as possible.

As the construction vehicles drive over the area of crushed stone, the mud and sediment that is sticking to the vehicle's tires will fall off of the tires and onto the crushed stone. Thus, preventing the mud and sediment from being transported to the public roads and right-of-ways. It should be noted that excessive amounts of mud and sediment can present a safety hazard to the roadway users. The temporary construction entrance/exit should be inspected and replaced when the crushed stone has become filled with mud and sediment.

Silt Fence Material:

The silt fence is a barrier consisting of geotextile fabric supported by metal posts to prevent soil and sediment loss from a site. When properly utilized, silt fences can be highly effective at controlling sediment from disturbed areas. They cause storm runoff to pond allowing heavier solids to settle out. If not properly installed, silt fences are not likely to be effective. The purpose of the silt fence is to intercept and detain water-borne sediment from unprotected areas of a limited extent. Silt fence is utilized during the construction of a disturbed area of land and near the perimeter of the disturbed area, to intercept sediment while allowing water to flow through the geotextile fabric. The silt fence should remain in place until the disturbed area is permanently stabilized. The silt fence shall not be utilized where there is a concentration of water, such as in a channel or drainage way. If concentrated flows occur after installation corrective action must be taken, such as placing a rock berm in the areas of concentrated flow. A silt fence within the site area may be temporarily relocated during a short time period to allow for construction activity to take place. If so, it should be re-installed and properly anchored to the ground after the construction activity has taken place. Silt fences installed around the perimeter of the site or along the edges of drainage ways should not be removed at any time.

EDWARDS AQUIFER APPLICATION
CONTRIBUTING ZONE EXCEPTION REQUEST
Liberty Hill Cell Tower - TX-801
1007 N. U.S. Highway 183, Liberty Hill, Texas 78642

**EDWARDS AQUIFER APPLICATION -
CONTRIBUTING ZONE EXCEPTION REQUEST
TEMPORARY STORMWATER SECTION (TCEQ-0602)**

ATTACHMENT E – REQUEST TO TEMPORARILY SEAL A FEATURE

There is no request to temporarily seal an existing naturally-occurring sensitive environmental feature.

EDWARDS AQUIFER APPLICATION
CONTRIBUTING ZONE EXCEPTION REQUEST
Liberty Hill Cell Tower - TX-801
1007 N. U.S. Highway 183, Liberty Hill, Texas 78642

**EDWARDS AQUIFER APPLICATION -
CONTRIBUTING ZONE EXCEPTION REQUEST
TEMPORARY STORMWATER SECTION (TCEQ-0602)**

ATTACHMENT F – STRUCTURAL PRACTICES

The temporary silt fence material and a stabilized construction entrance/exit is to be installed prior to construction activities.

Refer to the approved construction plans for the required erosion controls and Attachment D - Temporary Best Management Practices and Measures.

EDWARDS AQUIFER APPLICATION
CONTRIBUTING ZONE EXCEPTION REQUEST
Liberty Hill Cell Tower - TX-801
1007 N. U.S. Highway 183, Liberty Hill, Texas 78642

**EDWARDS AQUIFER APPLICATION -
CONTRIBUTING ZONE EXCEPTION REQUEST
TEMPORARY STORMWATER SECTION (TCEQ-0602)**

ATTACHMENT G – DRAINAGE AREA MAP

Refer to the submitted construction plans for the drainage area associated with the proposed cell tower facility.

EDWARDS AQUIFER APPLICATION
CONTRIBUTING ZONE EXCEPTION REQUEST
Liberty Hill Cell Tower - TX-801
1007 N. U.S. Highway 183, Liberty Hill, Texas 78642

**EDWARDS AQUIFER APPLICATION -
CONTRIBUTING ZONE EXCEPTION REQUEST
TEMPORARY STORMWATER SECTION (TCEQ-0602)**

ATTACHMENT H – TEMPORARY SEDIMENT POND(S) PLANS AND CALCULATIONS

There are no proposed temporary sedimentation control ponds.

**EDWARDS AQUIFER APPLICATION -
CONTRIBUTING ZONE EXCEPTION REQUEST
TEMPORARY STORMWATER SECTION (TCEQ-0602)**

ATTACHMENT I – INSPECTION AND MAINTENANCE OF BMPs

The CONTRACTOR is required to inspect all erosion controls, BMPs and silt fencing at weekly intervals and after significant rainfall events to insure that the erosion controls are functioning as intended. The CONTRACTOR is responsible for the maintenance of the erosion controls and silt fencing. The CONTRACTOR shall immediately make any necessary repairs to the damaged erosion controls or impacted areas. Silt accumulation at erosion controls must be removed when the depth reaches six inches.

The CONTRACTOR shall keep a weekly log sheet with the onsite Water Pollution Abatement Plan (WPAP) documentation that has a schedule of routine erosion control inspections, dates of significant rainfall events, repairs needed, actions taken to repair the erosion controls and CONTRACTOR's representative who was responsible for the inspections.

**EDWARDS AQUIFER APPLICATION -
CONTRIBUTING ZONE EXCEPTION REQUEST
TEMPORARY STORMWATER SECTION (TCEQ-0602)**

**ATTACHMENT J – SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION
PRACTICES**

Interim Stabilization Practices:

Stabilization measures must be initiated as soon as practical in portion of the site where construction activities have temporarily or permanently ceased, and except as provided below, must be initiated no more than fourteen (14) days after construction activity in that portion of the project has temporarily or permanently ceased.

- Where the initiation of stabilization measures by the fourteenth (14th) day after construction temporarily or permanently ceased is precluded by snow cover or frozen ground conditions, stabilization measures must be initiated as soon as practical.
- Where construction activity on a portion of the site is temporarily ceased and earth disturbing activities will be resumed within twenty-one (21) days, temporary stabilization measures do not have to be initiated on that portion of the construction site.
- In arid areas (areas of average rainfall of 1 to 10 inches), semi arid areas (areas of average rainfall of 10 to 20 inches), and areas experiencing droughts where the initiation of stabilization measures by the fourteenth (14th) day after construction activity has temporarily or permanently ceased is precluded by seasonable arid conditions, stabilization measures must be initiated as soon as practical.

It is not anticipated for any portion of this construction project to be idle for more than twenty-one (21) days.

Termination and Final Stabilization:

Coverage under this general permit must be terminated through the submittal of the Notice of Termination in Section 3, within thirty (30) days of:

- Final stabilization has been achieved on all portions of the construction site that is the responsibility of the Permittee; or
- Another Permitted Operator has assumed control over all areas of the construction site that have not been finally stabilized; and
- All inlet protections and other temporary erosion controls have either been removed, scheduled for removal, or transferred to a new operator, if the new operator has sought permit coverage. Erosion controls that are designed to remain in place for an indefinite period, such as mulches and fiber matting, are not required to be removed or scheduled for removal.

EDWARDS AQUIFER APPLICATION
CONTRIBUTING ZONE EXCEPTION REQUEST
Liberty Hill Cell Tower - TX-801
1007 N. U.S. Highway 183, Liberty Hill, Texas 78642

Final stabilization is achieved when:

- All soil disturbing activities at the construction site have been completed and a uniform (i.e., evenly distributed, without large bare areas) perennial vegetative cover with a density of 70% of the native background vegetative cover for the area has been established on all unpaved areas not covered by permanent structures, or equivalent permanent stabilization measures (such as the use of riprap, gabions, or geotextiles) have been employed.

Final stabilization will be achieved by promoting vegetation for all areas not covered by permanent structures. Most areas of disturbance will be landscaped.

A copy of the Notice of Termination must be submitted to TCEQ as required.

A "Secondary" Operator is not required to submit a Notice of Termination at the completion of the project.



Owner Authorization Form

Edwards Aquifer Protection Program

Instructions

Complete the following form by adding the requested information in the fields below. The form must be notarized for it to be considered complete. Attach it to other programmatic submittals required by 30 Texas Administrative Code (30 TAC), Chapter 213, and provide it to TCEQ's Edwards Aquifer Protection Program (EAPP) as part of your application.

If you have questions on how to fill out this form or about EAPP, please contact us by phone at 512-339-2929 or by e-mail at eapp@tceq.texas.gov.

Landowner Authorization

I, Lawrence Gabel of 183 North LLC

am the owner of the property located at:

1007 N US 183 Unit 100, Liberty Hill, TX 78642

and am duly authorized in accordance with 30 TAC 213.4(c)(2) and 213.4(d)(1), or 30 TAC 213.23(c)(2) and 213.23(d), relating to the right to submit an application, signatory authority, and proof of authorized signatory.

I do hereby authorize 4M Towers LP
To conduct Wireless Communications Facility
At 1007 N US 183 Unit 100, Liberty Hill, TX 78642

Landowner Acknowledgement

I understand that 183 North LLC

is ultimately responsible for the compliance with the approved or conditionally approved Edwards Aquifer protection plan and any special conditions of the approved plan through all phases of plan implementation even if the responsibility for compliance and the right to possess and control the property referenced in the application has been contractually assumed by another legal entity. I further understand that any failure to comply with any condition of the executive director's approval is a violation and subject to administrative rule or orders and penalties as provided under 30 TAC 213.10, relating to enforcement. Such violations may also be subject to civil penalties.

Landowner Signature

[Handwritten Signature]

Landowner Signature

3/4/26

Date

THE STATE § OF Texas

County § of Williamson

BEFORE ME, the undersigned authority, on this day personally appeared

Larry Gable,

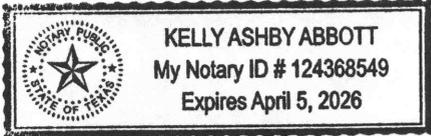
known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 4 day of March 2026

[Handwritten Signature: Kelly Ashby Abbott]

NOTARY PUBLIC

MY COMMISSION EXPIRES: 4/5/26



Optional Attachments

Select All that apply:

- Lease Agreement
- Signed Contract
- Deed Restricted Easement

Other legally binding documents

Agent Authorization Form
For Required Signature
Edwards Aquifer Protection Program
Relating to 30 TAC Chapter 213
Effective June 1, 1999

I M. Doak Leegett,
Print Name

Vice President-Development,
Title - Owner/President/Other

of 4M Towers LP,
Corporation/Partnership/Entity Name

have authorized Vincent Huebinger
Print Name of Agent/Engineer

of Vincent Gerard & Associates
Print Name of Firm

to represent and act on the behalf of the above named Corporation, Partnership, or Entity for the purpose of preparing and submitting this plan application to the Texas Commission on Environmental Quality (TCEQ) for the review and approval consideration of regulated activities.

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to \$10,000 per day per violation.
2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.
3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.
4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.
5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:


Applicant's Signature

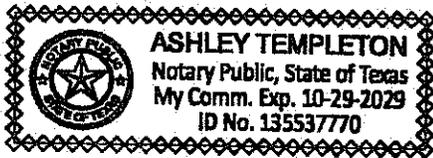
3/5/20
Date

THE STATE OF TEXAS §

County of TRAVIS §

BEFORE ME, the undersigned authority, on this day personally appeared M. Doak Leggett known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 5th day of March, 2020.



Ashley Templeton
NOTARY PUBLIC

Ashley Templeton
Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 10-29-2029

Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: Liberty Hill Cell Tower TX-801

Regulated Entity Location: 1007 North U.S. Highway 183, Liberty Hill, Texas 78642

Name of Customer: 4M Towers, L.P.

Contact Person: Mr. Doak Leggett

Phone: (713) 806-0629

Customer Reference Number (if issued): CN _____

Regulated Entity Reference Number (if issued): RN New Customer

Austin Regional Office (3373)

Hays

Travis

Williamson

San Antonio Regional Office (3362)

Bexar

Medina

Uvalde

Comal

Kinney

Application fees must be paid by check, certified check, or money order, payable to the **Texas Commission on Environmental Quality**. Your canceled check will serve as your receipt. **This form must be submitted with your fee payment.** This payment is being submitted to:

Austin Regional Office

San Antonio Regional Office

Mailed to: TCEQ - Cashier

Overnight Delivery to: TCEQ - Cashier

Revenues Section

12100 Park 35 Circle

Mail Code 214

Building A, 3rd Floor

P.O. Box 13088

Austin, TX 78753

Austin, TX 78711-3088

(512)239-0357

Site Location (Check All That Apply):

Recharge Zone

Contributing Zone

Transition Zone

<i>Type of Plan</i>	<i>Size</i>	<i>Fee Due</i>
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	\$
Sewage Collection System	L.F.	\$
Lift Stations without sewer lines	Acres	\$
Underground or Aboveground Storage Tank Facility	Tanks	\$
Piping System(s)(only)	Each	\$
Exception	1 Each	\$ 500
Extension of Time	Each	\$

Signature: 

Date: March 5, 2026

Application Fee Schedule

Texas Commission on Environmental Quality

Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

Project	Project Area in Acres	Fee
One Single Family Residential Dwelling	< 5	\$650
Multiple Single Family Residential and Parks	< 5	\$1,500
	5 < 10	\$3,000
	10 < 40	\$4,000
	40 < 100	\$6,500
	100 < 500	\$8,000
	≥ 500	\$10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1	\$3,000
	1 < 5	\$4,000
	5 < 10	\$5,000
	10 < 40	\$6,500
	40 < 100	\$8,000
	≥ 100	\$10,000

Organized Sewage Collection Systems and Modifications

Project	Cost per Linear Foot	Minimum Fee- Maximum Fee
Sewage Collection Systems	\$0.50	\$650 - \$6,500

Underground and Aboveground Storage Tank System Facility Plans and Modifications

Project	Cost per Tank or Piping System	Minimum Fee- Maximum Fee
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

Exception Requests

Project	Fee
Exception Request	\$500

Extension of Time Requests

Project	Fee
Extension of Time Request	\$150



TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)			
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		<i>If new Customer, enter previous Customer below:</i>	
183 North LLC			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
801025980	32037897215	82-398993	
11. Type of Customer:	<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees		13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant			
15. Mailing Address:	183 North LLC		
	925 N Hwy 183, Bldg E		
	City	Cedar Park	State TX ZIP 78642 ZIP + 4
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		larryjgabel@gmail.com	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(512) 844-9884		() -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)							
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information							
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>							
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)							
Liberty Hill Cell Tower TX 801							
23. Street Address of the Regulated Entity: (No PO Boxes)	1007 N US 183 Unit 100						
	City	Liberty Hill	State	TX	ZIP	78642	ZIP + 4
24. County	Williamson						

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	n/a						
26. Nearest City	State				Nearest ZIP Code		
Liberty Hill	TX				78642		
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
27. Latitude (N) In Decimal:		30.665878			28. Longitude (W) In Decimal:		-97.883556
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
30	39	57.16	97	53	00.80		
29. Primary SIC Code	30. Secondary SIC Code		31. Primary NAICS Code		32. Secondary NAICS Code		
(4 digits)	(4 digits)		(5 or 6 digits)		(5 or 6 digits)		
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
Unmanned wireless facility							
34. Mailing Address:	4M address here						
	7800 Washington Ave, Suite 700						
	City	Houston	State	TX	ZIP	77007	ZIP + 4
35. E-Mail Address:	dleggett@4mtowers.com						
36. Telephone Number	37. Extension or Code			38. Fax Number (if applicable)			
(713) 806-629				() -			

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

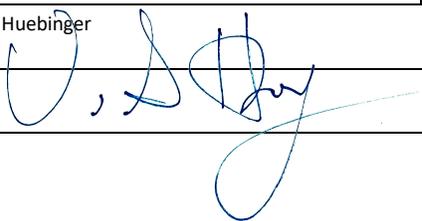
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input checked="" type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Vincent G Huebinger Vincent Gerard & Associates	41. Title:	President Vincent Gerard & Assoc
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 328-2693		() -	vinceh@vincentgerard.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Vincent Gerard & Associates Inc.	Job Title:	President
Name (In Print):	Vincent G. Huebinger	Phone:	(512) 328- 2693
Signature:		Date:	3/5/2026



TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)			
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		<i>If new Customer, enter previous Customer below:</i>	
4M Towers LP			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
805771210	32097433612	33-1857729	
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:
12. Number of Employees		13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant			
15. Mailing Address:	4M Towers LP		
	7800 Washington Ave Suite 700		
	City	Houston	State TX ZIP 77007 ZIP + 4
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		dleggett@4mtowers.com	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(713) 806-0629		() -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)							
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information							
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>							
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)							
Liberty Hill Cell Tower TX 801							
23. Street Address of the Regulated Entity: (No PO Boxes)	1007 N US 183 Unit 100						
	City	Liberty Hill	State	TX	ZIP	78642	ZIP + 4
24. County	Williamson						

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	n/a							
26. Nearest City					State	Nearest ZIP Code		
Liberty Hill					TX	78642		
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:	30.665878			28. Longitude (W) In Decimal:	-97.883556			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
30	39	57.16	97	53	00.80			
29. Primary SIC Code	30. Secondary SIC Code	31. Primary NAICS Code	32. Secondary NAICS Code					
(4 digits)	(4 digits)	(5 or 6 digits)	(5 or 6 digits)					
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
Unmanned Wireless Facility								
34. Mailing Address:	4M Towers, LLC							
	7800 Washington Ave, Suite 700							
	City	Houston	State	TX	ZIP	77007	ZIP + 4	
35. E-Mail Address:	dleggett@4mtowers.com							
36. Telephone Number	37. Extension or Code			38. Fax Number (if applicable)				
(713) 806-629				() -				

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

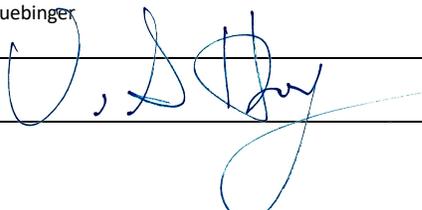
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input checked="" type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Vincent G. Huebinger	41. Title:	President
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 328-2693		() -	vinceh@vincentgerard.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Vincent Gerard & Associates Inc.	Job Title:	President
Name (In Print):	Vincent G. Huebinger	Phone:	(512) 328- 2693
Signature:		Date:	3/5/2026

SITE INFORMATION

TOWER OWNER: 4M TOWERS, LP
7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007

SITE ADDRESS: 1007 N US 183 UNIT 100
LIBERTY HILL, TX 78642

COUNTY: WILLIAMSON COUNTY

LATITUDE (NAD 83): 30° 39' 57.16", (30.665878°) N
LONGITUDE (NAD 83): 97° 53' 00.80", (-97.883556°) W

GROUND ELEVATION: 1069.0' AMSL

OCCUPANCY TYPE: UNMANNED

TOWER: 250' SELF-SUPPORT TOWER
OVERALL TOWER HEIGHT: 250'-0" W/ 10' LIGHTNING ROD

ZONING: N/A

POWER PROVIDER: PEDERNALES ELECTRIC COOP
PHONE: 512-778-5470

FIBER PROVIDER: AT&T (TO BE VERIFIED)

CONTACT INFORMATION

PROPERTY OWNER: 183 NORTH LLC
987 U.S. 183
LIBERTY, TX 78642
CONTACT: LARRY GABLE
PHONE: 512-844-9884

APPLICANT: 4M TOWERS, LP
7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007
CONTACT: DOAK LEGGETT
PHONE: 713-806-0629

SURVEYOR: POINT TO POINT LAND SURVEYORS
100 GOVERNORS TRAE, STE. 103
PEACHTREE CITY, GA 30269
JUSTIN KYLE LAWRENCE, R.P.L.S.
PHONE: 678-565-4440

CONTACT: JUSTIN KYLE LAWRENCE, R.P.L.S.
PHONE: 678-565-4440

ENGINEER: ALLPRO CONSULTING GROUP, INC.
9221 LYNDON B. JOHNSON FREEWAY
SUITE 204
DALLAS, TX 75243
CONTACT: CHIYU ZHANG, P.E.
OFFICE: 972-231-8893
FAX: 866-364-8375

VERIZON WIRELESS 6696 TRI COUNTY PKWY STE.100
SCHERTZ, TX 78154

VZW CONSTRUCTION ENGINEER - TIM CALETKA (210) 834-1664
VZW CONSTRUCTION MGR - BENJAMIN ALCANTERA

SCOPE OF WORK

4M TOWERS SCOPE OF WORK:
NEW SITE TO BE DEVELOPED BY 4M TOWERS. ALL ITEMS TO BE PROVIDED AND INSTALLED BY 4M TOWERS CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE. INCLUDING BUT NOT LIMITED TO:

- NEW GRAVEL ROAD EXTENSION
- NEW 250' SELF-SUPPORT TOWER
- NEW 75'X75' LEASE AREA (5,625 SQ.FT.)
- NEW 65'X60' 6' CHAIN-LINK FENCED COMPOUND
- NEW CRUSHED ROCK BASE INSIDE COMPOUND
- NEW OVERHEAD POWER
- NEW UTILITY H-FRAME WITH METER CENTER
- NEW DEDICATED FIBER CONDUIT FROM ROW TO VZW H-FRAME
- NEW BURIED FIBER FROM MMP AT ROW TO SITE
- NEW 11'X4' CONCRETE EQUIPMENT PAD
- NEW FIBER AND ELECTRICAL FEEDS FROM METER TO EQUIPMENT

VERIZON SCOPE OF WORK:
VERIZON WIRELESS CONTRACTOR TO INSTALL, BUT NOT LIMITED TO:

- NEW 12'X25' LEASE AREA EQUIPMENT AREA
- NEW EQUIPMENT CABINETS - NEW 10'X13' AWNING KIT
- NEW 6'-5"X4' UTILITY RACK WITH AC LOAD CENTER
- NEW ICE BRIDGE
- NEW ANTENNAS AND REMOTE RADIOS AT RAD CENTER
- NEW HYBRID CABLES



4M TOWERS SITE NAME: LIBERTY HILL

4M TOWERS SITE #: TX-801

VZW SITE NAME: SEWARD_JUNCTION_REPL

VZW FUZE ID #: 17510913

VZW MDG LOCATION ID #: 5000932524

1007 N US 183 UNIT 100

LIBERTY HILL, TX 78642

WILLIAMSON COUNTY

**NEW 250' SELF-SUPPORT TOWER
RAWLAND TELECOMMUNICATION SITE**

SATELLITE MAP



ENLARGED VICINITY MAP



DRIVING DIRECTIONS

DIRECTIONS FROM 4M TOWERS OFFICE:
FROM 7800 WASHINGTON AVE SUITE 700 SUITE 400, HOUSTON, TX 77007 TAKE WASHINGTON AVE TO I-10 W 2 MIN (0.6 MI)
FOLLOW I-10 TO STATE HWY 71 W/TX-71 W IN COLUMBUS. TAKE EXIT 695 FROM I-10 1 HR 1 MIN (69.9 MI)
GET ON US-183 N IN AUSTIN FROM STATE HWY 71 W/TX-71 W 1 HR 11 MIN (81.7 MI)
CONTINUE ON US-183 N. TAKE 183A TOLL RD N TO US-183 N IN WILLIAMSON COUNTY 31 MIN (35.8 MI)
CONTINUE ON US-183 N TO YOUR DESTINATION 2 MIN (0.6 MI)
ARRIVE AT 1007 N US HWY 183 LIBERTY HILL, TX 78642

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

Perry C. Steger, P.E.
City Engineer

David Stallworth, Senior Director of Planning
City of Liberty Hill, Texas

Wayne Bonnet, Director of Public Works
City of Liberty Hill, Texas

If in Williamson County,

J. Terron Everton, P.E. County Engineer
Williamson County, Texas

DRAWING INDEX

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C-2	ENLARGED SITE PLAN	7
CIV-1	TEMPORARY EROSION & SEDIMENTATION CONTROL PLAN (BY OTHERS)	
CIV-2	EXISTING CONDITIONS DRAINAGE AREA MAP (BY OTHERS)	
CIV-3	PROPOSED CONDITIONS DRAINAGE AREA MAP (BY OTHERS)	
CIV-4	SITE DIMENSIONS & GRADING PLAN (BY OTHERS)	
CIV-5	TCEQ VEGETATIVE FILTER STRIP PLAN & CALCULATIONS (BY OTHERS)	
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C-6	SITE SIGNAGE DETAILS	7
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EQ-1	SITE DETAILS	7
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G-1	GROUNDING PLAN	7
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S-1	VERIZON EQUIPMENT FOUNDATION DETAILS	7
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GN-2	GENERAL NOTES	7
GN-3	GENERAL NOTES	7
GN-4	GENERAL NOTES	7
	PLAT (3 SHEETS) (BY OTHERS)	

APPLICABLE CODES

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALL IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

1. INTERNATIONAL BUILDING CODE (2021 IBC)
2. TIA-222-H OR LATEST EDITION
3. NFPA 780 - LIGHTNING PROTECTION CODE
4. 2020 NATIONAL ELECTRICAL CODE OR LATEST EDITION
5. ANY OTHER NATIONAL OR LOCAL APPLICABLE CODES MOST RECENT EDITIONS
6. TX BUILDING CODE
7. LOCAL BUILDING CODE
8. CITY/COUNTY ORDINANCES



9221 Lyndon B Johnson Fwy
Suite 204, Dallas, TX 75243
Phone: 972-231-8893 Fax: 866-364-8375
www.allprocg.com Registration No. 8242

ACGI NO: 25-3461

DRAWN BY: CG

CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR



SITE INFORMATION
**4M TOWERS SITE NAME:
LIBERTY HILL**

**4M TOWERS SITE #:
TX-801**

**VZW SITE NAME:
SEWARD_JUNCTION_REPL**

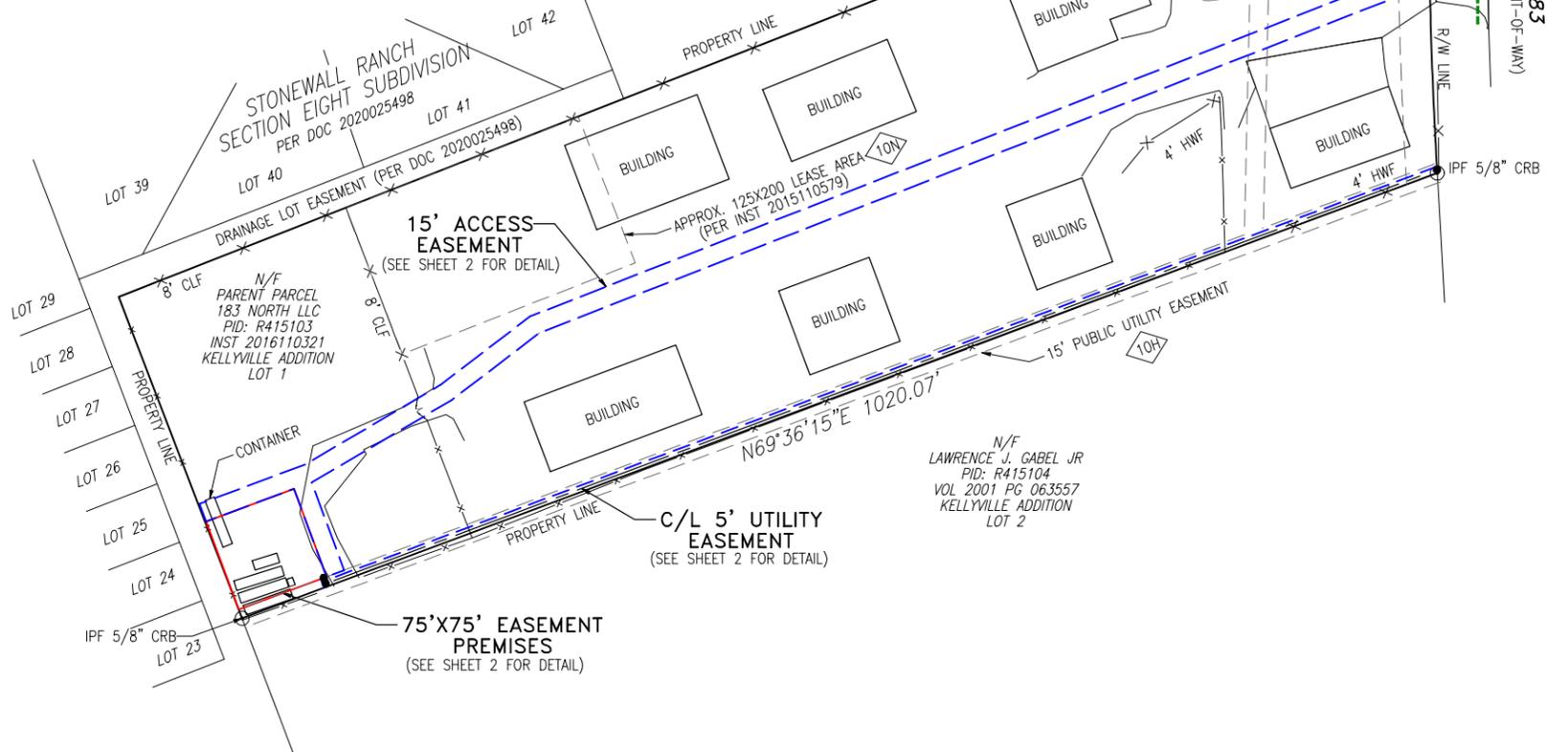
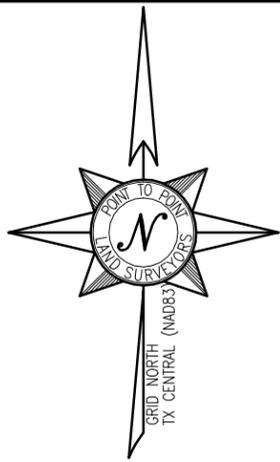
**VZW FUZE ID #:
17510913**

**VZW MDG LOCATION ID #:
5000932524**

**ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY**

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1



VICINITY MAP
NOT TO SCALE

GENERAL NOTES

* THIS SPECIFIC PURPOSE SURVEY IS FOR THE LEASED PREMISES AND EASEMENTS ONLY. THIS SPECIFIC PURPOSE SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF 4M TOWERS AND EXCLUSIVELY FOR THE TRANSFERRAL OF THE LEASED PREMISES AND THE RIGHTS OF EASEMENT SHOWN HEREON AND SHALL NOT BE USED AS AN EXHIBIT OR EVIDENCE IN THE FEE SIMPLE TRANSFERRAL OF THE PARENT PARCEL NOR ANY PORTION OR PORTIONS THEREOF. BOUNDARY INFORMATION SHOWN HEREON HAS BEEN COMPILED FROM TAX MAPS AND DEED DESCRIPTIONS ONLY. NO BOUNDARY SURVEY OF THE PARENT PARCEL WAS PERFORMED.

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY.

BASIS OF BEARING: GNSS OBSERVATIONS CONDUCTED AT THE TIME OF SURVEY.

BASIS OF ELEVATION: GNSS OBSERVATIONS CONDUCTED AT THE TIME OF SURVEY.

EQUIPMENT USED FOR ANGULAR & LINEAR MEASUREMENTS: GEOMAX ZOOM ROBOTIC AND CARLSON BRX7 BASE AND ROVER [DATE OF LAST FIELD VISIT: 05/13/2025]. SEE GNSS NOTES FOR GNSS EQUIPMENT.

THE 1' CONTOURS AND SPOT ELEVATIONS SHOWN ON THIS SPECIFIC PURPOSE SURVEY ARE ADJUSTED TO NAVD 88 DATUM (COMPUTED USING GEOID18) AND HAVE A VERTICAL ACCURACY OF ± 0.5'. CONTOURS OUTSIDE THE IMMEDIATE SITE AREA ARE APPROXIMATE.

BEARINGS SHOWN ON THIS SPECIFIC PURPOSE SURVEY ARE BASED ON TEXAS GRID NORTH (NAD 83) CENTRAL ZONE.

PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X (AREA OF MINIMAL FLOOD HAZARD). COMMUNITY PANEL NO. : 48491C0245F DATED: 12/20/2019

NO WETLAND AREAS HAVE BEEN INVESTIGATED BY THIS SPECIFIC PURPOSE SURVEY.

ALL ZONING INFORMATION SHOULD BE VERIFIED WITH THE PROPER ZONING OFFICIALS.

ANY UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM ABOVE GROUND FIELD SURVEY INFORMATION. THE SURVEYOR MAKES NO GUARANTEES THAT ANY UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT ANY UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED ANY UNDERGROUND UTILITIES.

GNSS NOTES

THE FOLLOWING GNSS STATISTICS UPON WHICH THIS SURVEY IS BASED HAVE BEEN PRODUCED AT THE 95% CONFIDENCE LEVEL:

POSITIONAL ACCURACY: 0.02 FEET (HORZ) 0.24 FEET (VERT)
 TYPE OF EQUIPMENT: CARLSON BRX7 BASE AND ROVER, MULTI-FREQUENCY
 TYPE OF GNSS FIELD PROCEDURE: ONLINE POSITION USER SERVICE
 DATE OF SURVEY: 05/13/2025
 DATUM / EPOCH: NAD_83(2011)(EPOCH:2010.0000)
 PUBLISHED / FIXED CONTROL USE: N/A
 GEOD MODEL: 18
 COMBINED GRID FACTOR(S): 0.99985173
 CENTERED ON THE BASE POINT AS SHOWN HEREON.
 CONVERGENCE ANGLE: 1.26187222°
 BENCHMARKS USED: DM4151, DG5763, DH3770



I DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND UNDER MY SUPERVISION. THE HORIZONTAL DATUM (COORDINATES) ARE IN THE TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND ARE EXPRESSED AS DEGREES, MINUTES AND SECONDS, TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (HEIGHTS) ARE IN TERMS OF NORTH AMERICAN VERTICAL DATUM OF 1988 AND ARE DETERMINED TO THE NEAREST TENTH OF A FOOT. I HEREBY CERTIFY THAT THIS MAP IS CORRECT AND THAT ANY VISIBLE ENCROACHMENTS ARE SHOWN HEREON.

DATE: 06/03/2025
 JUSTIN KYLE LAWRENCE TEXAS PROFESSIONAL LAND SURVEYOR LICENSE NO. 6589

THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS. THIS MAP IS ONLY INTENDED FOR THE PARTIES AND PURPOSES SHOWN. THIS MAP IS NOT FOR RECORDATION.

* SPECIFIC PURPOSE SURVEY PREPARED BY:



Texas Registration No. 10194197
 100 Governors Trace, Ste. 103
 Peachtree City, GA 30269
 (p) 678.565.4440 (f) 678.565.4497 (w) p2pls.com

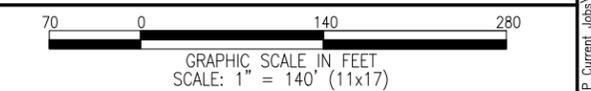
SPECIFIC PURPOSE SURVEY PREPARED FOR:

4MTOWERS 7800 WASHINGTON AVENUE SUITE 700 HOUSTON, TEXAS 77007

LIBERTY HILL
 SITE NO. TX-801
 KELLYVILLE ADDITION, LOT 1,
 ABSTRACT 52, JOHN B. ROBINSON SURVEY,
 WILLIAMSON COUNTY, TEXAS

PARENT PARCEL

OWNER: 183 NORTH LLC
 SITE ADDRESS: 987 U.S. 183, LIBERTY HILL, TX 78642
 PARCEL ID: R415103
 AREA: 6.980 ACRES (PER TAX ASSESSOR)
 REFERENCE: INSTRUMENT 2016110321

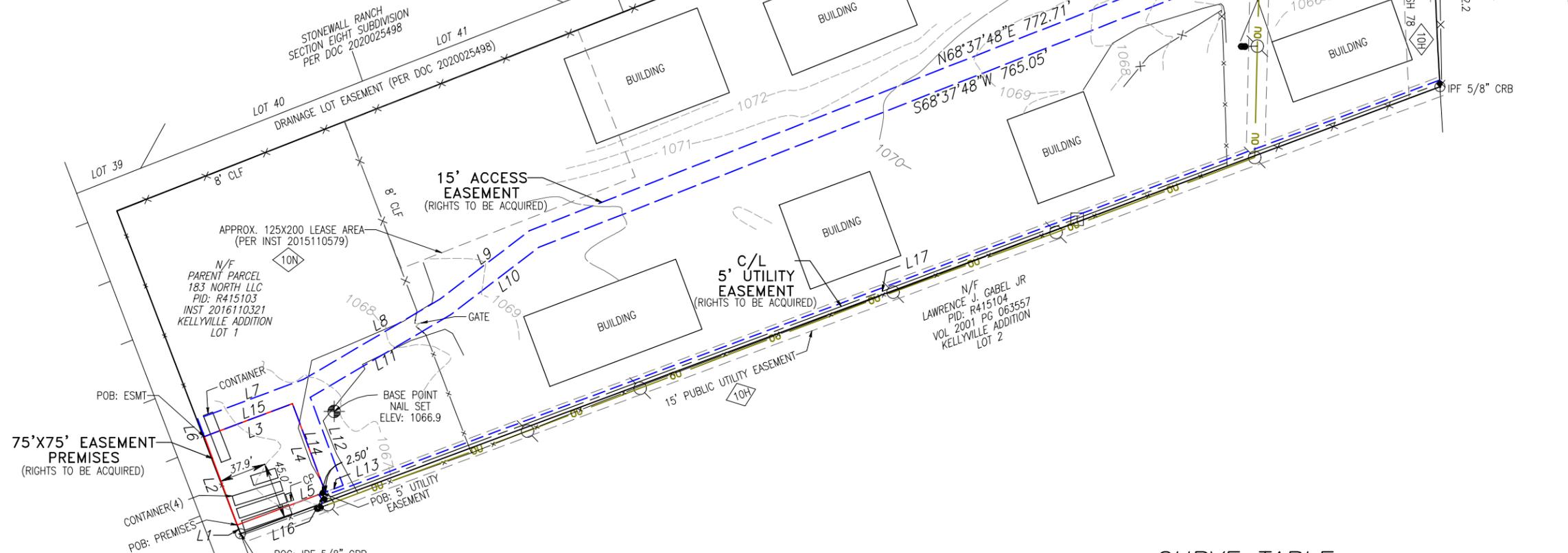
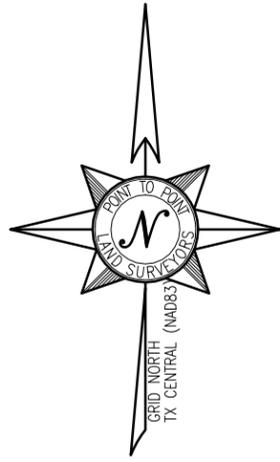


NO.	DATE	REVISION	DRAWN BY: MK	SHEET:
1.	06/03/25	ADD 5' UTILITY ESM	CHECKED BY: JKL	1
			APPROVED: D. MILLER	
			DATE: MAY 30, 2025	
			P2P JOB #: 250641TX	OF 3

- LEGEND
- POB POINT OF BEGINNING
 - POC POINT OF COMMENCEMENT
 - IPS IRON PIN SET
 - IPF IRON PIN FOUND
 - CRB CAPPED REBAR
 - RB REBAR
 - OTP OPEN TOP PIPE
 - SSMH SANITARY SEWER MANHOLE
 - SDMH STORM DRAIN MANHOLE
 - INV INVERT
 - EP EDGE OF PAVEMENT
 - BC BACK OF CURB
 - OU OVERHEAD UTILITY
 - CMP CORRUGATED METAL PIPE
 - RCP REINFORCED CONCRETE PIPE
 - PVC POLYVINYL CHLORIDE PIPE
 - TR TRANSFORMER
 - CLF CHAIN LINK FENCE
 - BWF BARBED WIRE FENCE
 - WV WATER VALVE
 - WM WATER METER
 - CO SEWER CLEAN-OUT
 - GV GAS VALVE
 - HH HANDHOLE
 - CP CONCRETE PAD
 - BFO BURIED FIBER OPTIC
 - N/F NOW OR FORMERLY
 - R/W RIGHT-OF-WAY
 - FH FIRE HYDRANT
 - CMF CONCRETE MONUMENT FOUND
 - TELCO TELCO PEDESTAL
 - UP UTILITY POLE
 - GW GUY WIRE ANCHOR
 - LP LIGHT POLE
 - BEN BENCHMARK



CALL BEFORE YOU DIG



LEGEND

- POB POINT OF BEGINNING
- POC POINT OF COMMENCEMENT
- IPF IRON PIN SET
- IPF IRON PIN FOUND
- CRB CAPPED REBAR
- RB REBAR
- OTP OPEN TOP PIPE
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- FIRE HYDRANT
- CONCRETE MONUMENT FOUND
- TELCO PEDESTAL
- UTILITY POLE
- GUY WIRE ANCHOR
- LIGHT POLE
- BENCHMARK

CURVE TABLE

LINE	ARC	RADIUS	CHD. BRG.	CHD.
C1	16.00'	3875.65'	S01°02'20"E	16.00'

LINE TABLE

LINE	BEARING	DISTANCE
L1	N21°01'06"W	7.50'
L2	N20°23'45"W	75.00'
L3	N69°36'15"E	75.00'
L4	S20°23'45"E	75.00'
L5	S69°36'15"W	75.00'
L6	N20°23'45"W	15.00'
L7	N69°36'15"E	90.00'
L8	N59°34'59"E	126.09'
L9	N52°38'32"E	89.59'
L10	S52°38'32"W	88.39'
L11	S59°34'59"W	129.65'
L12	S20°23'45"E	74.77'
L13	S69°36'15"W	15.00'
L14	N20°23'45"W	75.00'
L15	S69°36'15"W	75.00'
L16	S20°23'45"E	5.00'
L17	N69°36'15"E	948.41'



I DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND UNDER MY SUPERVISION. THE HORIZONTAL DATUM (COORDINATES) ARE IN THE TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND ARE EXPRESSED AS DEGREES, MINUTES AND SECONDS, TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (HEIGHTS) ARE IN TERMS OF NORTH AMERICAN VERTICAL DATUM OF 1988 AND ARE DETERMINED TO THE NEAREST TENTH OF A FOOT. I HEREBY CERTIFY THAT THIS MAP IS CORRECT AND THAT ANY VISIBLE ENCROACHMENTS ARE SHOWN HEREON.

DATE: 06/03/2025
 JUSTIN KYLE LAWRENCE TEXAS PROFESSIONAL LAND SURVEYOR LICENSE NO. 6589

THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS. THIS MAP IS ONLY INTENDED FOR THE PARTIES AND PURPOSES SHOWN. THIS MAP IS NOT FOR RECORDATION.

* SPECIFIC PURPOSE SURVEY PREPARED BY:



Texas Registration No. 10194197
 100 Governors Trace, Ste. 103
 Peachtree City, GA 30269
 (p) 678.565.4440 (f) 678.565.4497 (w) p2pls.com

SPECIFIC PURPOSE SURVEY PREPARED FOR:

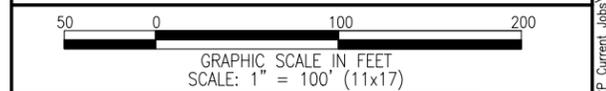


7800 WASHINGTON AVENUE
 SUITE 700
 HOUSTON, TEXAS 77007

LIBERTY HILL
 SITE NO. TX-801
 KELLYVILLE ADDITION, LOT 1,
 ABSTRACT 52, JOHN B. ROBINSON SURVEY,
 WILLIAMSON COUNTY, TEXAS

SITE INFORMATION

EASEMENT PREMISES = 5,625 SQUARE FEET (0.1291 ACRES)
 AT CENTER OF EASEMENT PREMISES:
 LATITUDE: 30°39'57.16" (NAD 83) (30.665878°)
 LONGITUDE: -97°53'00.80" (NAD 83) (-97.883556°)
 ELEVATION = 1066.0' A.M.S.L.
 VERTICAL DATUM: NAVD 1988 (COMPUTED USING GEOID18)
 HORIZONTAL DATUM: NAD83
 BEARINGS ARE BASED ON TEXAS GRID NORTH (CENTRAL ZONE)



NO.	DATE	REVISION	DRAWN BY: MK	SHEET:
1.	06/03/25	ADD 5' UTILITY ESMT	CHECKED BY: JKL	2
			APPROVED: D. MILLER	
			DATE: MAY 30, 2025	
			P2P JOB #: 250641TX	OF 3

PARENT PARCEL

PER COMMITMENT NO. H25206952-H

TRACT 1: (FEE SIMPLE)

ALL OF THAT CERTAIN TRACT OR PARCEL BEING 75.0 FEET IN WIDTH AND 75.0 FEET IN LENGTH BEING OUT OF AND A PART OF LOT ONE (1) OF KELLYVILLE ADDITION, AN ADDITION IN WILLIAMSON COUNTY, TEXAS ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN CABINET U, SLIDE 78, OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS.

METES AND BOUNDS TO BE PROVIDED PRIOR TO CLOSING.

TRACT 2: (EASEMENT ESTATE)

ALL OF THAT CERTAIN 15 FOOT WIDE ACCESS EASEMENT BEING OUT OF AND A PART OF LOT ONE (1) OF KELLYVILLE ADDITION, AN ADDITION IN WILLIAMSON COUNTY, TEXAS ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN CABINET U, SLIDE 78, OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS.

METES AND BOUNDS TO BE PROVIDED PRIOR TO CLOSING.

TITLE EXCEPTIONS

THIS SURVEY WAS COMPLETED WITH THE AID OF TITLE WORK PREPARED BY OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY, COMMITMENT DATE OF APRIL 17, 2025, BEING COMMITMENT NO. H25206952-H, FOR THE PARENT PARCEL, TO DETERMINE THE IMPACTS OF EXISTING TITLE EXCEPTIONS.

EXCEPTIONS 1-10G ARE STANDARD AND NOT THE TYPE TO BE PLOTTED

H. THE FOLLOWING MATTERS REFLECTED ON THE RECORDED MAP/PLAT RECORDED IN CABINET U, SHEET 78, OF THE PLAT RECORDS OF WILLIAMSON, COUNTY, TEXAS:

A PUBLIC UTILITY EASEMENT 7.5 FEET WIDE ALONG A PORTION OF THE SOUTHERLY PROPERTY LINE; A PUBLIC UTILITY EASEMENT 15 FEET WIDE TRAVERSING A PORTION OF THE SUBJECT PROPERTY; A SANITARY EASEMENT WITH A 100 FOOT RADIUS TRAVERSING A PORTION OF THE SUBJECT PROPERTY; AND A BUILDING SET BACK LINE 25 FEET WIDE ALONG THE EASTERLY PROPERTY LINE (ALONG U.S. HIGHWAY 183).

[THIS ITEM IS APPLICABLE TO THE PARENT PARCEL AND SHOWN HEREON]

I. AN UTILITY EASEMENT 20 FEET IN WIDTH LOCATED OVER AND ACROSS THE SUBJECT PROPERTY, TOGETHER WITH ANY UNOBSTRUCTED AERIAL EASEMENTS, AS GRANTED TO PEDERNALES ELECTRIC COOPERATIVE, INC, IN INSTRUMENT RECORDED UNDER COUNTY CLERK'S FILE NO. 2015039305, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS.

[THIS ITEM IS APPLICABLE TO THE PARENT PARCEL BUT IT IS NOT PLOTTED HEREON BECAUSE THE DESCRIPTION OF THIS EASEMENT IS VAGUE AND THEREFORE, WE ARE NOT ABLE TO ASCERTAIN THE EXACT LOCATION THEREOF.]

J. INTEREST IN AND TO ALL COAL, LIGNITE, OIL, GAS AND OTHER MINERALS, AND ALL RIGHTS INCIDENT THERETO, CONTAINED IN INSTRUMENT RECORDED IN VOLUME 726, PAGE 675, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS. REFERENCE TO WHICH INSTRUMENT IS HERE MADE FOR PARTICULARS. NO FURTHER SEARCH OF TITLE HAS BEEN MADE AS TO THE INTEREST(S) EVIDENCED BY THIS INSTRUMENT, AND THE COMPANY MAKES NO REPRESENTATION AS TO THE OWNERSHIP OR HOLDER OF SUCH INTEREST(S).

[THIS ITEM IS APPLICABLE TO THE PARENT PARCEL BUT IS NOT PLOTTED HEREON BECAUSE IT IS BLANKET IN NATURE.]

K. TERMS, CONDITIONS AND STIPULATIONS CONTAINED IN OIL, GAS AND MINERAL LEASE DATED FEBRUARY 26, 1931, RECORDED IN VOLUME 264, PAGE 447, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, BY AND BETWEEN J. O. MUNRO AND WIFE, EDNA MUNRO, AS LESSOR AND H. A. MCLEAN, AS LESSEE. TITLE TO SAID INTEREST HAS NOT BEEN INVESTIGATED SUBSEQUENT TO THE DATE OF THE AFORESAID INSTRUMENT.

[THIS ITEM IS APPLICABLE TO THE PARENT PARCEL BUT IS NOT PLOTTED HEREON BECAUSE IT IS BLANKET IN NATURE.]

L. TERMS, CONDITIONS AND STIPULATIONS CONTAINED IN OIL, GAS AND MINERAL LEASE DATED FEBRUARY 26, 1934, RECORDED IN VOLUME 268, PAGE 428, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, BY AND BETWEEN J. O. MUNRO AND WIFE, EDNA MUNRO, AS LESSOR AND MRS. J. M. ALLEN, AS LESSEE. TITLE TO SAID INTEREST HAS NOT BEEN INVESTIGATED SUBSEQUENT TO THE DATE OF THE AFORESAID INSTRUMENT.

[THIS ITEM IS APPLICABLE TO THE PARENT PARCEL BUT IS NOT PLOTTED HEREON BECAUSE IT IS BLANKET IN NATURE.]

M. TERMS, CONDITIONS AND STIPULATIONS CONTAINED IN OIL, GAS AND MINERAL LEASE DATED DECEMBER 27, 1966, RECORDED IN VOLUME 496, PAGE 258, OF THE DEED RECORDS OF WILLIAMSON COUNTY, TEXAS, BY AND BETWEEN GARTH AUSTIN AND WIFE, MARTHA VIRGINIA AUSTIN, AS LESSOR AND JOHN E. FLOYD, AS LESSEE. TITLE TO SAID INTEREST HAS NOT BEEN INVESTIGATED SUBSEQUENT TO THE DATE OF THE AFORESAID INSTRUMENT.

[THIS ITEM IS APPLICABLE TO THE PARENT PARCEL BUT IS NOT PLOTTED HEREON BECAUSE IT IS BLANKET IN NATURE.]

N. TERMS, CONDITIONS AND PROVISIONS CONTAINED IN THAT CERTAIN OPTION AND LEASE AGREEMENT, AS SET FORTH IN INSTRUMENT FILED FOR RECORD UNDER COUNTY CLERK'S FILE NO. 2015110579, OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS. REFERENCE IS HEREBY MADE TO SAID DOCUMENT(S) FOR FULL PARTICULARS.

[THIS ITEM IS APPLICABLE TO THE PARENT PARCEL. APPROXIMATE LOCATION SHOWN HEREON.]

75'X75' EASEMENT PREMISES

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN ABSTRACT 51, JOHN B. ROBINSON SURVEY, WILLIAMSON COUNTY, TEXAS, AND BEING A PORTION OF THE LANDS OF 183 NORTH LLC, AS RECORDED IN INSTRUMENT 2016110321, WILLIAMSON COUNTY RECORDS, BEING LOT 1 OF KELLYVILLE ADDITION, AS RECORDED IN CABINET U SLIDE 78, WILLIAMSON COUNTY RECORDS, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TO FIND THE POINT OF BEGINNING, COMMENCE AT A 5/8-INCH REBAR FOUND AT THE SOUTHWEST CORNER OF SAID LANDS, SAID REBAR HAVING A TEXAS GRID NORTH, NAD 83, NORTH ZONE VALUE N: 10214336.0892 E: 3066684.5160;

THENCE RUNNING ALONG THE WESTERLY PROPERTY LINE, NORTH 21°01'06" WEST, 7.50 FEET TO A POINT ON THE PREMISES AND THE TRUE POINT OF BEGINNING;

THENCE LEAVING SAID PROPERTY LINE AND RUNNING ALONG SAID PREMISES, NORTH 20°23'45" WEST, 75.00 FEET TO A POINT;

THENCE, NORTH 69°36'15" EAST, 75.00 FEET TO A POINT;

THENCE, SOUTH 20°23'45" EAST, 75.00 FEET TO A POINT;

THENCE, SOUTH 69°36'15" WEST, 75.00 FEET TO A POINT AND THE POINT OF BEGINNING.

BEARINGS BASED ON TEXAS GRID NORTH, NAD 83, NORTH ZONE.

SAID TRACT CONTAINS 0.1291 ACRES (5,625 SQUARE FEET), MORE OR LESS.

15' ACCESS EASEMENT

TOGETHER WITH A 15-FOOT ACCESS EASEMENT LYING AND BEING IN ABSTRACT 51, JOHN B. ROBINSON SURVEY, WILLIAMSON COUNTY, TEXAS, AND BEING A PORTION OF THE LANDS OF 183 NORTH LLC, AS RECORDED IN INSTRUMENT 2016110321, WILLIAMSON COUNTY RECORDS, BEING LOT 1 OF KELLYVILLE ADDITION, AS RECORDED IN CABINET U SLIDE 78, WILLIAMSON COUNTY RECORDS, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TO FIND THE POINT OF BEGINNING, COMMENCE AT A 5/8-INCH REBAR FOUND AT THE SOUTHWEST CORNER OF SAID LANDS, SAID REBAR HAVING A TEXAS GRID NORTH, NAD 83, NORTH ZONE VALUE N: 10214336.0892 E: 3066684.5160;

THENCE RUNNING ALONG THE WESTERLY PROPERTY LINE, NORTH 21°01'06" WEST, 7.50 FEET TO A POINT ON THE PREMISES;

THENCE LEAVING SAID PROPERTY LINE AND RUNNING ALONG SAID PREMISES, NORTH 20°23'45" WEST, 75.00 FEET TO A POINT AND THE TRUE POINT OF BEGINNING;

THENCE LEAVING SAID PREMISES AND RUNNING, NORTH 20°23'45" WEST, 15.00 FEET TO A POINT;

THENCE, NORTH 69°36'15" EAST, 90.00 FEET TO A POINT;

THENCE, NORTH 59°34'59" EAST, 126.09 FEET TO A POINT;

THENCE, NORTH 52°38'32" EAST, 89.59 FEET TO A POINT;

THENCE, NORTH 68°37'48" EAST, 772.71 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF U.S. 183, HAVING 120-FOOT PUBLIC RIGHT-OF-WAY;

THENCE ALONG SAID RIGHT-OF-WAY, 16.00 FEET ALONG THE ARC OF A CURVE TO THE LEFT, HAVING A RADIUS OF 3875.65 FEET AND BEING SCRIBED BY A CHORD BEARING, SOUTH 01°02'20" EAST, 16.00 FEET TO A POINT;

THENCE LEAVING SAID RIGHT-OF-WAY, SOUTH 68°37'48" WEST, 765.05 FEET TO A POINT;

THENCE, SOUTH 52°38'32" WEST, 88.39 FEET TO A POINT;

THENCE, SOUTH 59°34'59" WEST, 129.65 FEET TO A POINT;

THENCE, SOUTH 20°23'45" EAST, 74.77 FEET TO A POINT;

THENCE, SOUTH 69°36'15" WEST, 15.00 FEET TO A POINT ON THE PREMISES;

THENCE ALONG SAID PREMISES, NORTH 20°23'45" WEST, 75.00 FEET TO A POINT;

THENCE, SOUTH 69°36'15" WEST, 75.00 FEET TO A POINT AND THE POINT OF BEGINNING.

BEARINGS BASED ON TEXAS GRID NORTH, NAD 83, NORTH ZONE.

SAID TRACT CONTAINS 0.3963 ACRES (17,261 SQUARE FEET), MORE OR LESS.

5' UTILITY EASEMENT

TOGETHER WITH A 5-FOOT UTILITY EASEMENT (LYING 2.5 FEET EACH SIDE OF CENTERLINE), LYING AND BEING IN ABSTRACT 51, JOHN B. ROBINSON SURVEY, WILLIAMSON COUNTY, TEXAS, AND BEING A PORTION OF THE LANDS OF 183 NORTH LLC, AS RECORDED IN INSTRUMENT 2016110321, WILLIAMSON COUNTY RECORDS, BEING LOT 1 OF KELLYVILLE ADDITION, AS RECORDED IN CABINET U SLIDE 78, WILLIAMSON COUNTY RECORDS, AND BEING MORE PARTICULARLY DESCRIBED BY THE FOLLOWING CENTERLINE DATA:

TO FIND THE POINT OF BEGINNING, COMMENCE AT A 5/8-INCH REBAR FOUND AT THE SOUTHWEST CORNER OF SAID LANDS, SAID REBAR HAVING A TEXAS GRID NORTH, NAD 83, NORTH ZONE VALUE N: 10214336.0892 E: 3066684.5160;

THENCE RUNNING ALONG THE WESTERLY PROPERTY LINE, NORTH 21°01'06" WEST, 7.50 FEET TO A POINT ON THE PREMISES;

THENCE RUNNING ALONG SAID PREMISES, NORTH 20°23'45" WEST, 75.00 FEET TO A POINT;

THENCE, NORTH 69°36'15" EAST, 75.00 FEET TO A POINT;

THENCE RUNNING ALONG SAID PREMISES, SOUTH 20°23'45" EAST, 75.00 FEET TO A POINT;

THENCE, SOUTH 69°36'15" WEST, 2.50 FEET TO A POINT AND THE TRUE POINT OF BEGINNING;

THENCE LEAVING SAID PREMISES, SOUTH 20°23'45" EAST, 5.00 FEET TO A POINT;

THENCE, NORTH 69°36'15" EAST, 948.41 FEET TO THE ENDING AT A POINT ON THE WEST RIGHT-OF-WAY LINE OF U.S. 183, HAVING 120-FOOT PUBLIC RIGHT-OF-WAY.

BEARINGS BASED ON TEXAS GRID NORTH, NAD 83, NORTH ZONE.



I DO HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND AND UNDER MY SUPERVISION. THE HORIZONTAL DATUM (COORDINATES) ARE IN TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND ARE EXPRESSED AS DEGREES, MINUTES AND SECONDS, TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (HEIGHTS) ARE IN TERMS OF NORTH AMERICAN VERTICAL DATUM OF 1988 AND ARE DETERMINED TO THE NEAREST TENTH OF A FOOT. I HEREBY CERTIFY THAT THIS MAP IS CORRECT AND THAT ANY VISIBLE ENCROACHMENTS ARE SHOWN HEREON.

Justin Kyle Lawrence

DATE: 06/03/2025

JUSTIN KYLE LAWRENCE TEXAS PROFESSIONAL LAND SURVEYOR LICENSE NO. 6589

THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS. THIS MAP IS ONLY INTENDED FOR THE PARTIES AND PURPOSES SHOWN. THIS MAP IS NOT FOR RECORDATION.

* SPECIFIC PURPOSE SURVEY PREPARED BY:



Texas Registration No. 10194197
100 Governors Trace, Ste. 103
Peachtree City, GA 30269
(p) 678.565.4440 (f) 678.565.4497 (w) p2pls.com

SPECIFIC PURPOSE SURVEY PREPARED FOR:



7800 WASHINGTON AVENUE
SUITE 700
HOUSTON, TEXAS 77007

LIBERTY HILL
SITE NO. TX-801
KELLYVILLE ADDITION, LOT 1,
ABSTRACT 52, JOHN B. ROBINSON SURVEY,
WILLIAMSON COUNTY, TEXAS

LEGAL DESCRIPTION & TITLE REVIEW SHEET

NO.	DATE	REVISION	DRAWN BY:	SHEET:
1.	06/03/25	ADD 5' UTILITY ESM	MK	3
			CHECKED BY: JKL	
			APPROVED: D. MILLER	
			DATE: MAY 30, 2025	
			P2P JOB #: 250641TX	OF 3

E:\Point to Point\Dropbox\P2P Current Jobs\2025\250641TX-Liberty Hill\250641TX.dwg



SITE PHOTOGRAPH

SCALE:
NTS 1



SITE PHOTOGRAPH

SCALE:
NTS 2



SITE PHOTOGRAPH

SCALE:
NTS 3



SITE PHOTOGRAPH

SCALE:
NTS 4

verizon
600 HIDDEN RIDGE
IRVING, TX 75038

4M TOWERS
7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007

ALLPRO
CONSULTING GROUP, INC.

9221 Lyndon B Johnson Fwy
Suite 204, Dallas, TX 75243
Phone: 972-231-8893 Fax: 866-364-8375
www.allprocgi.com Registration No. 8242

ACGI NO: 25-3461

DRAWN BY: CG

CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

STAMP



ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION
4M TOWERS SITE NAME:
LIBERTY HILL

4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

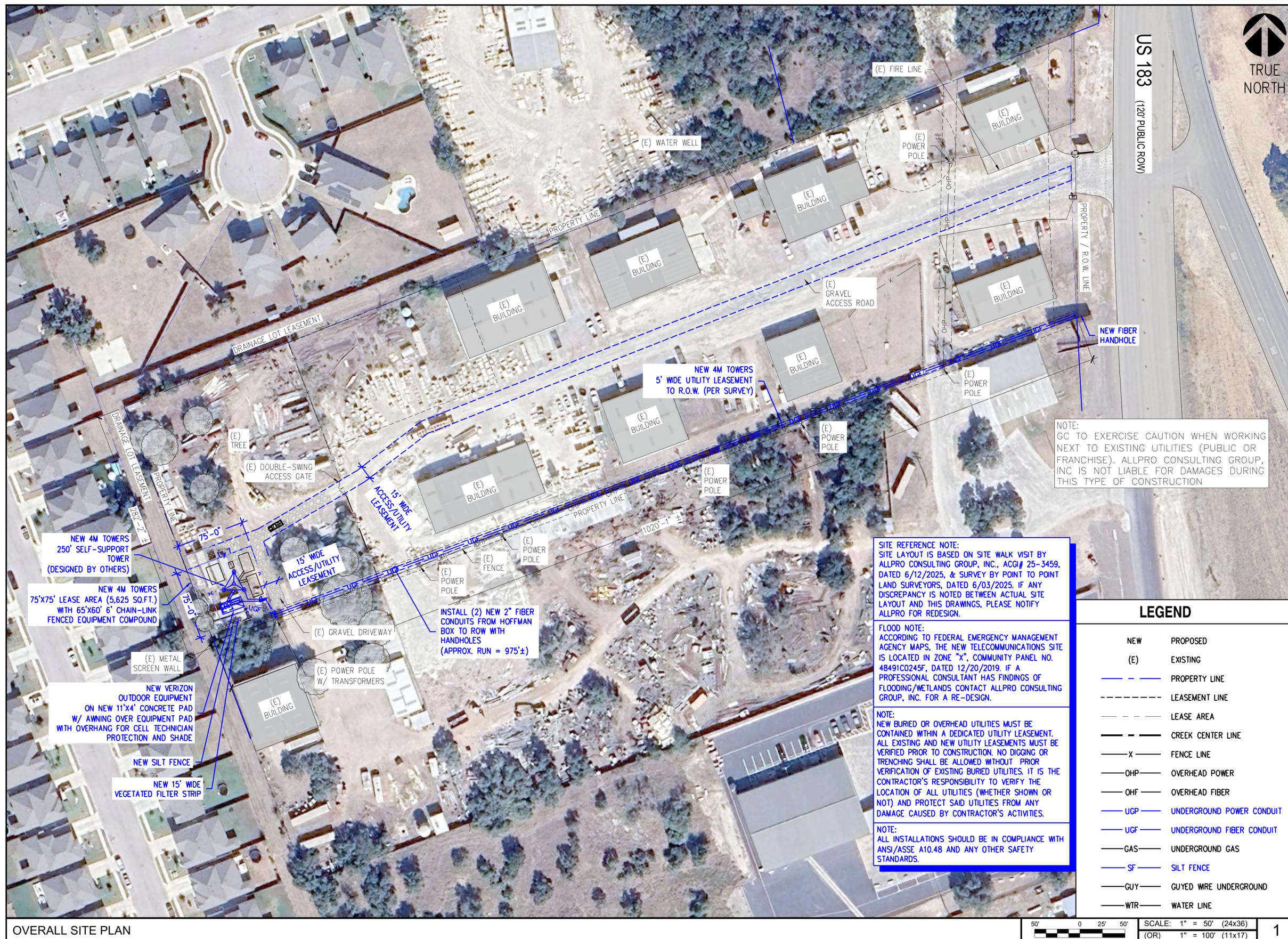
ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:

SITE PHOTOS

SHEET NUMBER:

P-1



US 183
(120' PUBLIC ROW)

NOTE:
GC TO EXERCISE CAUTION WHEN WORKING NEXT TO EXISTING UTILITIES (PUBLIC OR FRANCHISE). ALLPRO CONSULTING GROUP, INC IS NOT LIABLE FOR DAMAGES DURING THIS TYPE OF CONSTRUCTION

SITE REFERENCE NOTE:
SITE LAYOUT IS BASED ON SITE WALK VISIT BY ALLPRO CONSULTING GROUP, INC., ACGI# 25-3459, DATED 6/12/2025, & SURVEY BY POINT TO POINT LAND SURVEYORS, DATED 6/03/2025. IF ANY DISCREPANCY IS NOTED BETWEEN ACTUAL SITE LAYOUT AND THIS DRAWING, PLEASE NOTIFY ALLPRO FOR REDESIGN.

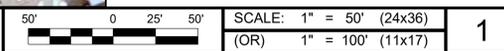
FLOOD NOTE:
ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY MAPS, THE NEW TELECOMMUNICATIONS SITE IS LOCATED IN ZONE "X", COMMUNITY PANEL NO. 48491C0245F, DATED 12/20/2019. IF A PROFESSIONAL CONSULTANT HAS FINDINGS OF FLOODING/METLANDS CONTACT ALLPRO CONSULTING GROUP, INC. FOR A RE-DESIGN.

NOTE:
NEW BURIED OR OVERHEAD UTILITIES MUST BE CONTAINED WITHIN A DEDICATED UTILITY LEASEMENT. ALL EXISTING AND NEW UTILITY LEASEMENTS MUST BE VERIFIED PRIOR TO CONSTRUCTION. NO DIGGING OR TRENCHING SHALL BE ALLOWED WITHOUT PRIOR VERIFICATION OF EXISTING BURIED UTILITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE CAUSED BY CONTRACTOR'S ACTIVITIES.

NOTE:
ALL INSTALLATIONS SHOULD BE IN COMPLIANCE WITH ANSI/ASSE A10.48 AND ANY OTHER SAFETY STANDARDS.

LEGEND

NEW	PROPOSED
(E)	EXISTING
---	PROPERTY LINE
---	LEASEMENT LINE
---	LEASE AREA
---	CREEK CENTER LINE
---	FENCE LINE
---	OHP --- OVERHEAD POWER
---	OHF --- OVERHEAD FIBER
---	UGP --- UNDERGROUND POWER CONDUIT
---	UGF --- UNDERGROUND FIBER CONDUIT
---	GAS --- UNDERGROUND GAS
---	SF --- SILT FENCE
---	GUY --- GUYED WIRE UNDERGROUND
---	WTR --- WATER LINE



600 HIDDEN RIDGE
IRVING, TX 75038

7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007

9221 Lyndon B Johnson Fwy
Suite 204, Dallas, TX 75243
Phone: 972-231-8893 Fax: 866-364-8375
www.allprocg.com Registration No. 8242

ACGI NO: 25-3461
DRAWN BY: CG
CHECKED BY: SZ

REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

STAMP

ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION

4M TOWERS SITE NAME:
LIBERTY HILL

4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

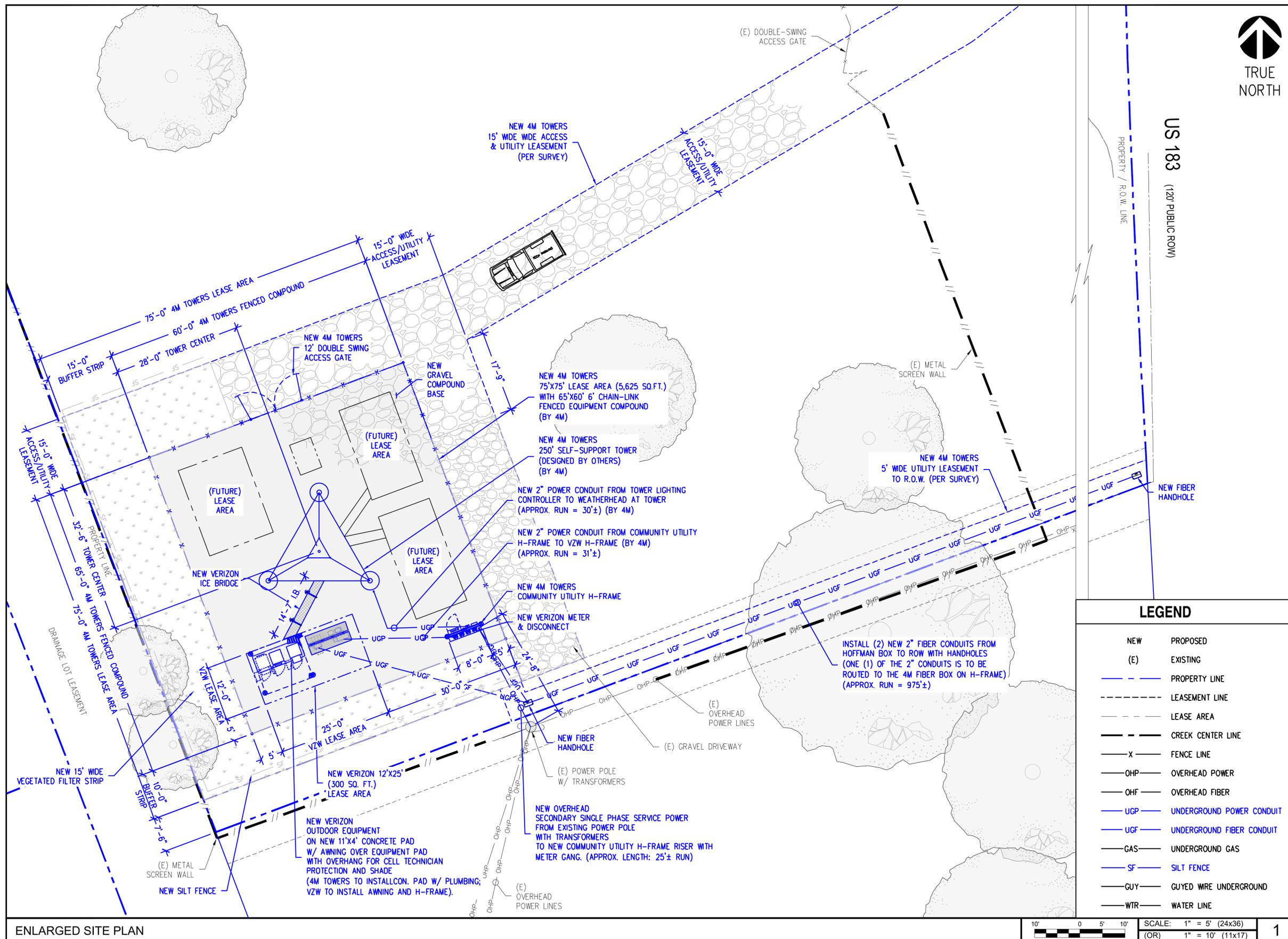
VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:
OVERALL SITE PLAN

SHEET NUMBER:
C-1



US 183
(120' PUBLIC ROW)

PROPERTY / R.O.W. LINE

LEGEND

- NEW PROPOSED
- (E) EXISTING
- PROPERTY LINE
- LEASEMENT LINE
- LEASE AREA
- CREEK CENTER LINE
- FENCE LINE
- OHP --- OVERHEAD POWER
- OHF --- OVERHEAD FIBER
- UGP --- UNDERGROUND POWER CONDUIT
- UGF --- UNDERGROUND FIBER CONDUIT
- GAS --- UNDERGROUND GAS
- SF --- SILT FENCE
- GUY --- GUYED WIRE UNDERGROUND
- WTR --- WATER LINE

SCALE: 1" = 5' (24x36)
(OR) 1" = 10' (11x17)

verizon
600 HIDDEN RIDGE
IRVING, TX 75038

4M TOWERS
7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007

ALLPRO
CONSULTING GROUP, INC.

9221 Lyndon B Johnson Fwy
Suite 204, Dallas, TX 75243
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ACGI NO: 25-3461
DRAWN BY: CG
CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

STAMP

02/25/26

ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION

4M TOWERS SITE NAME:
LIBERTY HILL

4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:
ENLARGED SITE PLAN

SHEET NUMBER:
C-2

ENLARGED SITE PLAN

PID: R415103
 INST 2016110321
 KELLYVILLE ADDITION



LEGEND

○	1/2" REBAR FOUND
○	1/2" CAPPED REBAR SET
○	1/2" IRON PIPE FOUND
○	600 NAL FOUND
○	600 NAL SET
○	CAPPED REBAR FOUND
○	"X" SET IN CONCRETE
○	"X" FOUND IN CONCRETE
○	SPRINKLE FOUND
○	PUNCH HOLE FOUND
○	CHAIN LINK FENCE
○	WOOD FENCE
○	METAL FENCE
○	B.L. BUILDING LINE
○	P.U.E. PUBLIC UTILITY EASEMENT
○	D.E. DRAINAGE EASEMENT
○	P.P. PER PLAT
○	C.M. CONTROL MONUMENT
○	R.O.W. RIGHT OF WAY
○	P.O.B. PLACE OF BEGINNING
○	O.V. OVERHEAD UTILITY LINE
○	P.P. POWER POLE
○	A.C. AIR CONDITIONER
○	B.W.S. BREAK IN SCALE

PROPOSED LIMITS OF CONSTRUCTION

INSTALL 15' WIDE VEGETATED FILTER STRIP AS DIMENSIONED

INSTALL 15' WIDE ACCESS ROAD AS DIMENSIONED

INSTALL STABILIZED CONSTRUCTION ENTRANCE TO BE REPLACED AS 15' ACCESS ROAD WITH 3" AGGREGATE ROCK.

INSTALL 35 L.F. OF SILT FENCE

PROPOSED LIMITS OF CONSTRUCTION

PROPOSED LIMITS OF CONSTRUCTION

INSTALL 90 L.F. OF SILT FENCE

INSTALL PROPOSED CELL TOWER SITE AS SHOWN ON ENLARGED SITE PLAN SHEET C-2

INSTALL APPROX. 15' WIDE VEGETATED FILTER STRIP AS DIMENSIONED

PROPOSED LIMITS OF CONSTRUCTION

PROPOSED LIMITS OF CONSTRUCTION

INSTALL 75 L.F. OF SILT FENCE

INSTALL 10' WIDE VEGETATED FILTER STRIP AS DIMENSIONED

IMPERVIOUS COVER NOTES and SUMMARY:

1. THIS SITE IS CONSIDERED DETENTION EXEMPT PER WILLIAMSON COUNTY FLOOD DAMAGE PREVENTION ORDER, ARTICLE 5, SECTION 6C, WHICH STATES THAT A COMMERCIAL, INDUSTRIAL OR MULTI-FAMILY DEVELOPMENT MAY BE CONSIDERED EXEMPT FROM PROVIDING ONSITE STORM WATER DETENTION IF THE PROPOSED DEVELOPMENT WILL HAVE LESS THAN 20% OF IMPERVIOUS COVER PER LOT.
2. EXISTING IMPERVIOUS COVER INSTALLED PRIOR TO APRIL 2021 IS 'GRANDFATHERED' FROM THE ONSITE 20% IMPERVIOUS COVER LIMIT.
3. IMPERVIOUS COVER IS DEFINED AS THE AREA OF ANY SURFACE THAT PREVENTS THE INFILTRATION OF WATER INTO THE GROUND, SUCH AS ROADS, DRIVEWAYS, PARKING AREAS, CONCRETE SIDEWALKS, STRUCTURES AND BUILDINGS. ANY BASE MATERIAL, LIMESTONE, GRAVEL, ETC. PLACED IN ORDER TO DRIVE, PARK, STORED VEHICLES OR OTHERWISE WILL BE CONSIDERED IMPERVIOUS COVER.

SITE CALCULATIONS WITHIN ONSITE DRAINAGE AREA No. 1 ONLY - WHERE THE PROPOSED CELL TOWER IS TO BE INSTALLED

ONSITE DRAINAGE AREA No. 1 = 98,095 S.F. = 2.2520 Acres

EXISTING IMPERVIOUS COVER WITHIN ONSITE DRAINAGE AREA No. 1

BUILDINGS = 14,434 S.F.
 EXISTING STORAGE CONTAINERS (2,238 S.F. TO BE REMOVED) = 3,976 S.F.
 EXISTING DRIVEWAY (ROAD BASE MATERIAL) = 45,119 S.F.
 TOTAL EXISTING IMPERVIOUS COVER = 63,529 S.F. = 1.4584 Acres
 = 64.76% OF DA #1

PROPOSED IMPERVIOUS COVER WITHIN ONSITE DRAINAGE AREA No. 1

BUILDINGS = 14,434 S.F.
 PROPOSED STORAGE CONTAINERS (AFTER 2,238 S.F. REMOVED) = 1,738 S.F.
 PROPOSED DRIVEWAY (ROAD BASE MATERIAL) (455 S.F. LESS THAN EXISTING ON CELL TOWER SITE) = 44,664 S.F.
 PROPOSED CELL TOWER & ACCESS ROAD
 PROPOSED ROCK OVER EXISTING GROUND (60% IMPERVIOUS COVER, 40% VOID RATIO) 60% OF 3,900 S.F. + 554 S.F. = 0.60 x 4,454 S.F. = 2,672 S.F.
 TOTAL PROPOSED IMPERVIOUS COVER = 63,508 S.F. = 1.4579 Acres
 = 64.74% OF DA #1

NOTE: PROPOSED IMPERVIOUS COVER WITHIN ONSITE DRAINAGE AREA No. 1 IS 21 S.F. LESS THAN EXISTING IMPERVIOUS COVER WITHIN ONSITE DRAINAGE AREA No. 1.

APPROVED BY:

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 EDWARDS AQUIFER CONTRIBUTING ZONE EXCEPTION

APPROVED BY:

WILLIAMSON COUNTY CERTIFICATE OF COMPLIANCE DATE

APPROVED BY:

CITY OF LIBERTY HILL STORM WATER PERMIT DATE

LIBERTY HILL CELL TOWER - TX-801
 1007 NORTH U.S. HIGHWAY 183
 LIBERTY HILL, TEXAS 78642



STEVEN B. SYLLIAASEN, P.E.
 CONSULTING CIVIL ENGINEER L.L.C.
 LAND DEVELOPMENT SERVICES
 10720 THOROUGHBRID DRIVE
 AUSTIN, TEXAS 78748
 (512) 280-7103
 (512) 739-6629 (CELL)
 REG. # F-10800

Date: Feb. 2026
 Drawn by: SBS
 File:
 Xref:

Project: 4M TOWERS
 SHEET
CIV-1
 1 OF 5

DRAINAGE CALCULATION CHART										
2-YEAR FREQUENCY EXISTING CONDITIONS										
AREA NO.	AREA (Acres)	C	T.C. (Min.)	I (In/Hr)	Q (C.F.S.)	COMBINED AREA NO.	AREA (Acres)	C	T.C. (Min.)	Q (C.F.S.)
ONSITE DA 1	2.25	0.59	15	4.23	5.62					
ONSITE DA 2	0.83	0.36	10	5.02	1.50	ONSITE 1 + ONSITE 2	3.08	0.53	15	6.88

DRAINAGE CALCULATION CHART										
10-YEAR FREQUENCY EXISTING CONDITIONS										
AREA NO.	AREA (Acres)	C	T.C. (Min.)	I (In/Hr)	Q (C.F.S.)	COMBINED AREA NO.	AREA (Acres)	C	T.C. (Min.)	Q (C.F.S.)
ONSITE DA 1	2.25	0.66	15	6.31	9.37					
ONSITE DA 2	0.83	0.41	10	7.51	2.56	ONSITE 1 + ONSITE 2	3.08	0.59	15	11.52

DRAINAGE CALCULATION CHART										
25-YEAR FREQUENCY EXISTING CONDITIONS										
AREA NO.	AREA (Acres)	C	T.C. (Min.)	I (In/Hr)	Q (C.F.S.)	COMBINED AREA NO.	AREA (Acres)	C	T.C. (Min.)	Q (C.F.S.)
ONSITE DA 1	2.25	0.70	15	7.77	12.27					
ONSITE DA 2	0.83	0.44	10	9.22	3.39	ONSITE 1 + ONSITE 2	3.08	0.63	15	15.13

DRAINAGE CALCULATION CHART										
100-YEAR FREQUENCY EXISTING CONDITIONS										
AREA NO.	AREA (Acres)	C	T.C. (Min.)	I (In/Hr)	Q (C.F.S.)	COMBINED AREA NO.	AREA (Acres)	C	T.C. (Min.)	Q (C.F.S.)
ONSITE DA 1	2.25	0.78	15	10.23	18.07					
ONSITE DA 2	0.83	0.52	10	12.14	5.19	ONSITE 1 + ONSITE 2	3.08	0.71	15	22.44



0 20 40 60 80

LEGEND

- 1/2" REBAR FOUND
- 1/2" CAPPED REBAR SET
- 1/2" IRON PIPE FOUND
- 600 NAIL SET
- CAPPED REBAR FOUND
- "X" SET IN CONCRETE
- "X" FOUND IN CONCRETE
- SPRINKLE FOUND
- PUNCH HOLE FOUND
- CHAIN LINK FENCE
- WOOD FENCE
- METAL FENCE
- B.L. BUILDING LINE
- P.U.E. PUBLIC UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- () PER PLAN
- C.M. CONTROL MONUMENT
- R.O.W. RIGHT OF WAY
- P.O.B. PLACE OF BEGINNING
- OH OVERHEAD UTILITY LINE
- PP POWER POLE
- AC AIR CONDITIONER
- BREAK IN SCALE

4 M TOWERS L.P.
7800 WASHINGTON AVENUE, STE. 700
HOUSTON, TEXAS 77007

LIBERTY HILL CELL TOWER - TX-801
1007 NORTH U.S. HIGHWAY 183
LIBERTY HILL, TEXAS 78642
EXISTING CONDITIONS
DRAINAGE AREA MAP



STEVEN B. SYLLIAASEN, P.E.
CONSULTING CIVIL ENGINEER L.L.C.
LAND DEVELOPMENT SERVICES
10720 THOROUGHSHIRE DRIVE
AUSTIN, TEXAS 78748
(512) 280-7103
(512) 739-8629 (CELL)
REG. # F-10800

APPROVED BY: _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
EDWARDS AQUIFER CONTRIBUTING ZONE EXCEPTION

APPROVED BY: _____

WILLIAMSON COUNTY
CERTIFICATE OF COMPLIANCE

APPROVED BY: _____

CITY OF LIBERTY HILL
STORM WATER PERMIT

DATE _____

DATE _____

DRAINAGE CALCULATION CHART											
2-YEAR FREQUENCY PROPOSED CONDITIONS											
AREA NO.	AREA (Acres)	C	T.C. (Min.)	I (In/Hr)	Q (C.F.S.)	COMBINED AREA NO.	AREA (Acres)	C	T.C. (Min.)	Q (C.F.S.)	
ONSITE DA 1	2.25	0.59	15	4.23	5.59						
ONSITE DA 2	0.83	0.36	10	5.02	1.50	ONSITE 1 + ONSITE 2	3.08	0.53	15	4.23	6.86

DRAINAGE CALCULATION CHART											
10-YEAR FREQUENCY PROPOSED CONDITIONS											
AREA NO.	AREA (Acres)	C	T.C. (Min.)	I (In/Hr)	Q (C.F.S.)	COMBINED AREA NO.	AREA (Acres)	C	T.C. (Min.)	Q (C.F.S.)	
ONSITE DA 1	2.25	0.66	15	6.31	9.33						
ONSITE DA 2	0.83	0.41	10	7.51	2.56	ONSITE 1 + ONSITE 2	3.08	0.59	15	6.31	11.48

DRAINAGE CALCULATION CHART											
25-YEAR FREQUENCY PROPOSED CONDITIONS											
AREA NO.	AREA (Acres)	C	T.C. (Min.)	I (In/Hr)	Q (C.F.S.)	COMBINED AREA NO.	AREA (Acres)	C	T.C. (Min.)	Q (C.F.S.)	
ONSITE DA 1	2.25	0.70	15	7.77	12.23						
ONSITE DA 2	0.83	0.44	10	9.22	3.39	ONSITE 1 + ONSITE 2	3.08	0.63	15	7.77	15.08

DRAINAGE CALCULATION CHART											
100-YEAR FREQUENCY PROPOSED CONDITIONS											
AREA NO.	AREA (Acres)	C	T.C. (Min.)	I (In/Hr)	Q (C.F.S.)	COMBINED AREA NO.	AREA (Acres)	C	T.C. (Min.)	Q (C.F.S.)	
ONSITE DA 1	2.25	0.78	15	10.23	18.01						
ONSITE DA 2	0.83	0.52	10	12.14	5.19	ONSITE 1 + ONSITE 2	3.08	0.71	15	10.23	22.38



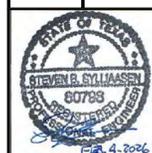
0 20 40 60 80

LEGEND

- 1/2" REBAR FOUND
- 1/2" CAPPED REBAR SET
- 1/2" IRON PIPE FOUND
- 600 NAIL FOUND
- 600 NAIL SET
- CAPPED REBAR FOUND
- "X" SET IN CONCRETE
- "X" FOUND IN CONCRETE
- SPINDLE FOUND
- PUNCH HOLE FOUND
- CHAIN LINK FENCE
- WOOD FENCE
- METAL FENCE
- B.L. BUILDING LINE
- P.U.E. PUBLIC UTILITY EASEMENT
- D.E. DRAINAGE EASEMENT
- () PER PLAN
- C.M. CONTROL MONUMENT
- R.O.W. RIGHT OF WAY
- P.O.B. PLACE OF BEGINNING
- OH OVERHEAD UTILITY LINE
- PP POWER POLE
- AC AIR CONDITIONER
- BREAK IN SCALE

4 M TOWERS LP.
 7800 WASHINGTON AVENUE, STE. 700
 HOUSTON, TEXAS 77007

LIBERTY HILL CELL TOWER - TX-801
 1007 NORTH U.S. HIGHWAY 183
 LIBERTY HILL, TEXAS 78642
 PROPOSED CONDITIONS
 DRAINAGE AREA MAP



STEVEN B. SYLLIAASEN, P.E.
 CONSULTING CIVIL ENGINEER L.L.C.
 LAND DEVELOPMENT SERVICES
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 (512) 280-7103
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 REG. # F-10800

APPROVED BY: _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 EDWARDS AQUIFER CONTRIBUTING ZONE EXCEPTION

APPROVED BY: _____

WILLIAMSON COUNTY
 CERTIFICATE OF COMPLIANCE _____ DATE _____

APPROVED BY: _____

CITY OF LIBERTY HILL
 STORM WATER PERMIT _____ DATE _____

PID: R415103
 INST 2016110321
 KELLYVILLE ADDITION



LEGEND

1/2" REBAR FOUND
1/2" CAPPED REBAR SET
1/2" IRON PIPE FOUND
600 NAL FOUND
600 NAL SET
CAPPED REBAR FOUND
"X" SET IN CONCRETE
"X" FOUND IN CONCRETE
SPRINKLE FOUND
PUNCH HOLE FOUND
CHAIN LINK FENCE
WOOD FENCE
METAL FENCE
B.L. BUILDING LINE
P.U.E. PUBLIC UTILITY EASEMENT
D.E. DRAINAGE EASEMENT
C.M. CONTROL MONUMENT
R.O.W. RIGHT OF WAY
P.O.B. PLACE OF BEGINNING
O.V. OVERHEAD UTILITY LINE
P.P. POWER POLE
A.C. AIR CONDITIONER
— BREAK IN SCALE

IMPERVIOUS COVER NOTES and SUMMARY:

- THIS SITE IS CONSIDERED DETENTION EXEMPT PER WILLIAMSON COUNTY FLOOD DAMAGE PREVENTION ORDER, ARTICLE 5, SECTION 6C, WHICH STATES THAT A COMMERCIAL, INDUSTRIAL OR MULTI-FAMILY DEVELOPMENT MAY BE CONSIDERED EXEMPT FROM PROVIDING ONSITE STORM WATER DETENTION IF THE PROPOSED DEVELOPMENT WILL HAVE LESS THAN 20% OF IMPERVIOUS COVER PER LOT.
- EXISTING IMPERVIOUS COVER INSTALLED PRIOR TO APRIL 2021 IS 'GRANDFATHERED' FROM THE ONSITE 20% IMPERVIOUS COVER LIMIT.
- IMPERVIOUS COVER IS DEFINED AS THE AREA OF ANY SURFACE THAT PREVENTS THE INFILTRATION OF WATER INTO THE GROUND, SUCH AS ROADS, DRIVEWAYS, PARKING AREAS, CONCRETE SIDEWALKS, STRUCTURES AND BUILDINGS. ANY BASE MATERIAL, LIMESTONE, GRAVEL, ETC. PLACED IN ORDER TO DRIVE, PARK, STORED VEHICLES OR OTHERWISE WILL BE CONSIDERED IMPERVIOUS COVER.

SITE CALCULATIONS WITHIN ONSITE DRAINAGE AREA No.1 ONLY - WHERE THE PROPOSED CELL TOWER IS TO BE INSTALLED

ONSITE DRAINAGE AREA No. 1 = 98,095 S.F. = 2.2520 Acres

EXISTING IMPERVIOUS COVER WITHIN ONSITE DRAINAGE AREA No. 1

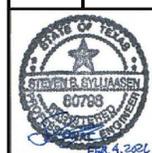
BUILDINGS = 14,434 S.F.
 EXISTING STORAGE CONTAINERS (2,238 S.F. TO BE REMOVED) = 3,976 S.F.
 EXISTING DRIVEWAY (ROAD BASE MATERIAL) = 45,119 S.F.
 TOTAL EXISTING IMPERVIOUS COVER = 63,529 S.F. = 1.4584 Acres
 = 64.76% OF DA #1

PROPOSED IMPERVIOUS COVER WITHIN ONSITE DRAINAGE AREA No. 1

BUILDINGS = 14,434 S.F.
 PROPOSED STORAGE CONTAINERS (AFTER 2,238 S.F. REMOVED) = 1,738 S.F.
 PROPOSED DRIVEWAY (ROAD BASE MATERIAL) (455 S.F. LESS THAN EXISTING ON CELL TOWER SITE) = 44,664 S.F.
 PROPOSED CELL TOWER & ACCESS ROAD
 PROPOSED ROCK OVER EXISTING GROUND (60% IMPERVIOUS COVER, 40% VOID RATIO) 60% OF 3,900 S.F. + 554 S.F. = 0.60 x 4,454 S.F. = 2,672 S.F.
 TOTAL PROPOSED IMPERVIOUS COVER = 63,508 S.F. = 1.4579 Acres
 = 64.74% OF DA #1

NOTE: PROPOSED IMPERVIOUS COVER WITHIN ONSITE DRAINAGE AREA No.1 IS 21 S.F. LESS THAN EXISTING IMPERVIOUS COVER WITHIN ONSITE DRAINAGE AREA No.1.

LIBERTY HILL CELL TOWER - TX-801
 1007 NORTH U.S. HIGHWAY 183
 LIBERTY HILL, TEXAS 78642



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 (512) 280-7103
 (512) 739-6629 (CELL)
 REG. # F-10800

Date: Feb. 2026
 Drawn by: SBS
 File:
 Xref:

Project: 4M TOWERS
 SHEET
CIV-4
 4 OF 5

MATCH EXISTING GROUND WITH CORNER OF PROPOSED ACCESS ROAD AND VEGETATIVE FILTER STRIP
 F.G.=±1066.2

INSTALL 15' WIDE VEGETATED FILTER STRIP AS DIMENSIONED

INSTALL 15' WIDE ACCESS ROAD AS DIMENSIONED

MATCH EXISTING GROUND WITH ACCESS ROAD
 F.G.=±1066.9

MATCH EXISTING GROUND WITH ACCESS ROAD
 F.G.=±1066.7

MATCH EXISTING GROUND WITH CORNER OF PROPOSED CELL TOWER SITE COMPOUND BASE MATERIAL.
 F.G.=±1066.7

MATCH EXISTING GROUND WITH FLOWLINE OF PROPOSED CELL TOWER SITE
 F.G.=±1066.4

MATCH EXISTING GROUND WITH CORNER OF PROPOSED CELL TOWER SITE COMPOUND BASE MATERIAL.
 F.G.=±1066.3

MATCH EXISTING GROUND WITH CORNER OF PROPOSED VEGETATIVE FILTER STRIP
 F.G.=±1066.2

INSTALL PROPOSED CELL TOWER SITE AS SHOWN ON ENLARGED SITE PLAN SHEET C-2

INSTALL 10' WIDE VEGETATED FILTER STRIP AS DIMENSIONED

MATCH EXISTING GROUND WITH CORNER OF PROPOSED VEGETATIVE FILTER STRIP
 F.G.=±1065.5

MATCH EXISTING GROUND WITH FLOWLINE OF PROPOSED VEGETATIVE FILTER STRIP
 F.G.=±1065.7

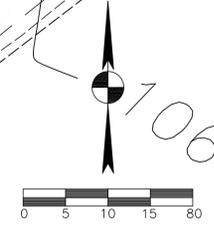
MATCH EXISTING GROUND WITH PROPOSED VEGETATIVE FILTER STRIP
 F.G.=±1065.8

MATCH EXISTING GROUND WITH CORNER OF PROPOSED VEGETATIVE FILTER STRIP
 F.G.=±1065.8

MATCH EXISTING GROUND WITH CORNER OF PROPOSED CELL TOWER SITE COMPOUND BASE MATERIAL.
 F.G.=±1065.8

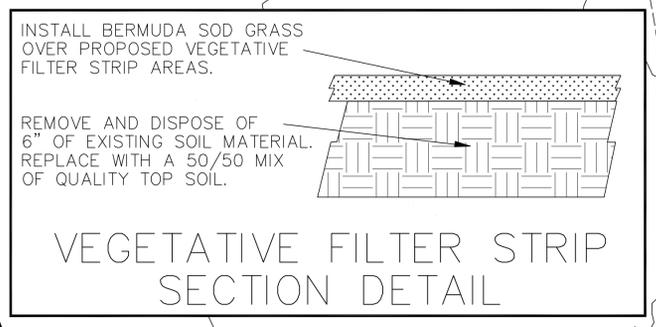
MATCH EXISTING GROUND WITH CORNER OF PROPOSED CELL TOWER SITE COMPOUND BASE MATERIAL.
 F.G.=±1065.7

PID: R415103
 INST 2016110321
 KELLYVILLE ADDITION



LEGEND

- 1/2" REBAR FOUND
- 1/2" CAPPED REBAR SET
- 1/2" IRON PIPE FOUND
- 600 NAIL FOUND
- 600 NAIL SET
- CAPPED REBAR FOUND
- "X" SET IN CONCRETE
- "X" FOUND IN CONCRETE
- SPINDLE FOUND
- PUNCH HOLE FOUND
- CHAIN LINK FENCE
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- B.L. BUILDING LINE
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- () PER PLAN
- () CONTROL MONUMENT
- R.O.W. RIGHT OF WAY
- P.O.B. PLACE OF BEGINNING
- OH OVERHEAD UTILITY LINE
- POWER POLE
- AIR CONDITIONER
- BREAK IN SCALE



PROPOSED LIMITS OF CONSTRUCTION

INSTALL 15' WIDE VEGETATED FILTER STRIP AS DIMENSIONED

INSTALL 15' WIDE ACCESS ROAD AS DIMENSIONED

INSTALL STABILIZED CONSTRUCTION ENTRANCE TO BE REPLACED AS 15' ACCESS ROAD WITH 3" AGGREGATE ROCK.

INSTALL 35 L.F. OF SILT FENCE

PROPOSED LIMITS OF CONSTRUCTION

INSTALL 90 L.F. OF SILT FENCE

PROPOSED LIMITS OF CONSTRUCTION

INSTALL PROPOSED CELL TOWER SITE AS SHOWN ON ENLARGED SITE PLAN SHEET C-2

LOT 24

INSTALL APPROX. 15' WIDE VEGETATED FILTER STRIP AS DIMENSIONED

PROPOSED LIMITS OF CONSTRUCTION

PROPOSED LIMITS OF CONSTRUCTION

INSTALL 75 L.F. OF SILT FENCE

INSTALL 10' WIDE VEGETATED FILTER STRIP AS DIMENSIONED

Texas Commission on Environmental Quality
 TSS Removal Calculations 03-20-2009
 Project Name: Onsite Drainage Area #1 - Liberty Hill Cell Tower - No. TX-801
 Date Prepared: 2/2/2008

1. The Required Load Reduction for the total project. Calculations from RC-348 Page 3-27 to 3-30

Page 3-29 Equation 3.3: $L_d = 27.26A_p \times P^2$

where:
 L_d = Required TSS removal resulting from the proposed development = 90% of increased load
 A_p = Net increase in impervious area for the project
 P = Average annual precipitation, inches

Site Data: Determine Required Load Reduction Based on the Entire Project

Total project area included in plan	=	2.26	acres
Predevelopment impervious area within the limits of this plan	=	1.46	acres
Total post-development impervious area within the limits of this plan	=	1.46	acres
Total post-development impervious cover fraction	=	0.65	
P	=	32	inches
L_d (required)	=	0	lbs

The values entered in these fields should be for the total project area.

Number of drainage basins / outlets areas leaving the plan area = 1

2. Drainage Basin Parameters (This information should be provided for each basin)

Drainage Basin/Outlet Area No.	=	1	
Total drainage basin/outlet area	=	2.26	acres
Predevelopment impervious area within drainage basin/outlet area	=	1.46	acres
Post-development impervious area within drainage basin/outlet area	=	1.46	acres
Post-development impervious cover fraction within drainage basin/outlet area	=	0.65	
L_d (required)	=	0	lbs

3. Indicate the proposed BMP Code for this basin.

Proposed BMP	BMP Code	BMP Type
VF	VF	Vegetative Filter Strip
RE	RE	Retention / Infiltration
CS	CS	Construction Stormwater
SW	SW	Swales
ED	ED	Extended Detention
IS	IS	Grassy Swales
RF	RF	Retention / Infiltration
SF	SF	Sand Filter
VF	VF	Vegetative Filter Strip
VS	VS	Vegetative Swale
VV	VV	Vegetative Vault

4. Calculate Maximum TSS Load Removed (L_d) for this Drainage Basin by the selected BMP Type.

RC-348 Page 3-33 Equation 3.7: $L_d = (BMP\ efficiency) \times P \times (A_p \times 34.6 + A_p \times 1.05)$

where:
 A_p = Total On-Site drainage area in the BMP catchment area
 A_p = Impervious area proposed in the BMP catchment area
 A_p = Permeable area remaining in the BMP catchment area
 L_d = TSS Load removed from this catchment area by the proposed BMP

A_p	=	2.26	acres
A_p	=	1.46	acres
A_p	=	0.78	acres
L_d	=	1400	lbs

5. Calculate Fraction of Annual Runoff to Treat the drainage basin / outlet area

Desired L_d per basin	=	0	lbs
L_d	=	1400	lbs
F	=	0.00	

6. Calculate Capture Volume required by the BMP Type for this drainage basin / outlet area. Calculations from RC-348 Page 3-34 to 3-37

Off-site area draining to BMP	=	0.00	acres
Off-site impervious cover draining to BMP	=	0.00	acres
Impervious fraction of off-site area	=	0	

7. Vegetated Filter Strip

Designed as Required in RC-348 Page 3-35 to 3-37

There are no calculations required for determining the load or size of vegetative filter strips. The 90% removal is provided when the contributing drainage area does not exceed 7.5 feet (interception of flow) and the sheet flow leaving the impervious cover is directed across 18 feet of engineered filter strips with maximum slope of 20% to a slope of 6% of natural vegetation with a maximum slope of 10%. There can be a break in grade as long as no slope exceeds 20%.

If vegetative filter strips are proposed for an interim permit BMP, they may be sized as described on Page 3-36 of RC-348.

APPROVED BY:

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
 EDWARDS AQUIFER CONTRIBUTING ZONE EXCEPTION

APPROVED BY:

WILLIAMSON COUNTY
 CERTIFICATE OF COMPLIANCE

APPROVED BY:

CITY OF LIBERTY HILL
 STORM WATER PERMIT

LIBERTY HILL CELL TOWER - TX-801
 1007 NORTH U.S. HIGHWAY 183
 LIBERTY HILL, TEXAS 78642
 TCEQ VEGETATIVE FILTER STRIP PLAN
 & CALCULATIONS

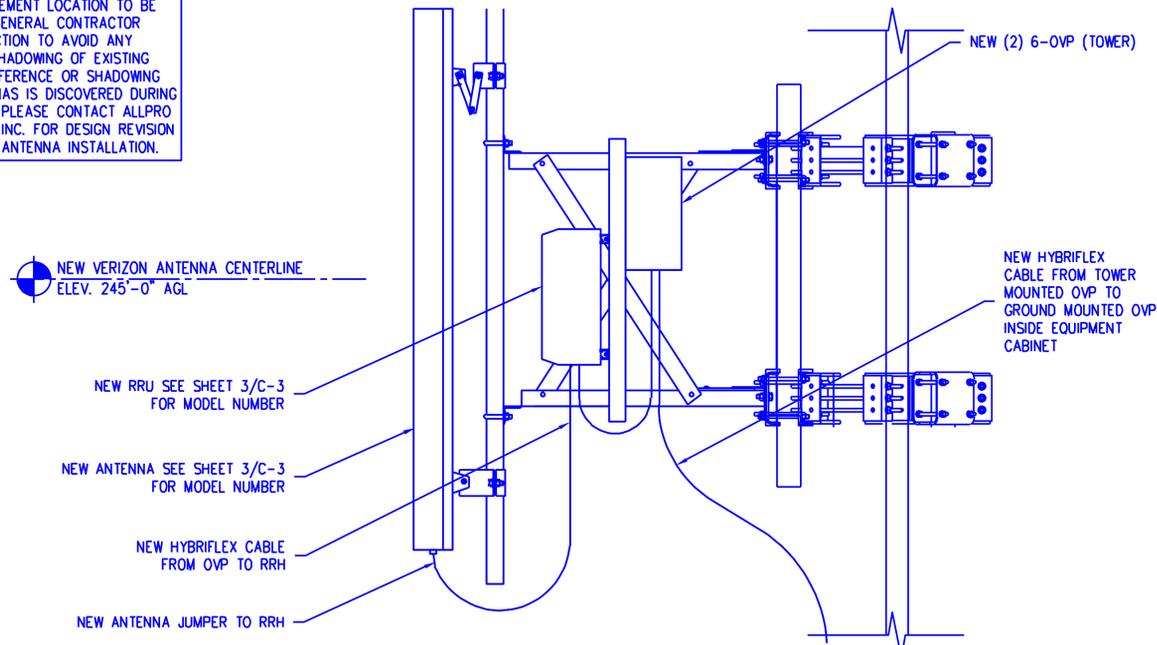


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 (512) 280-7103
 (512) 739-6629 (CELL)
 REG. # E-10800

Date: Feb. 2008
 Drawn by: SBS
 File:
 Xref:

SHEET
 CIV-5
 5 OF 5

NOTE:
NEW ANTENNA PLACEMENT LOCATION TO BE FIELD VERIFIED BY GENERAL CONTRACTOR PRIOR TO CONSTRUCTION TO AVOID ANY INTERFERENCE OR SHADOWING OF EXISTING ANTENNAS. IF INTERFERENCE OR SHADOWING OF EXISTING ANTENNAS IS DISCOVERED DURING FIELD VERIFICATION, PLEASE CONTACT ALLPRO CONSULTING GROUP INC. FOR DESIGN REVISION PRIOR TO ANY NEW ANTENNA INSTALLATION.



TOWER DESIGN IS PENDING BY OTHERS

STRUCTURAL ANALYSIS NOTE:
AN ANALYSIS OF THE TOWER OR STRUCTURE IS PENDING BY OTHERS

MOUNT ANALYSIS NOTE (PMI REQUIREMENTS):
IS PENDING BY OTHERS

NO EQUIPMENT TO BE INSTALLED ON THE MOUNT WITHOUT THE APPROVAL OF A STRUCTURAL ENGINEER.

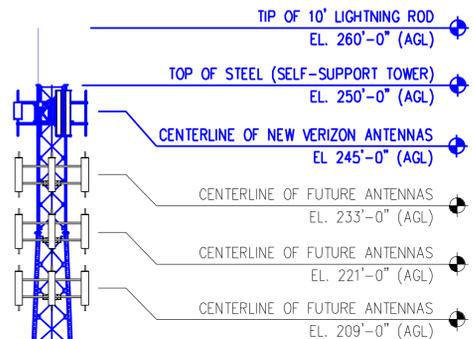
NOTE:
ELEVATION PLAN IS MEANT TO DEPICT TOWER HEIGHT AND IS NOT TO BE USED FOR CONSTRUCTION. FOR CONSTRUCTION SEE TOWER DRAWINGS AND/OR STRUCTURAL ANALYSES PREPARED BY OTHERS

NOTE:
CLIMBERS SHOULD NOT LATCH OR TIE THEIR SUPPORT LANYARD OR GEAR ON TO ANTENNAS, RADIOS, ALL TYPES OF MOUNTS, ETC. UNLESS APPROVED BY THE ORIGINAL DESIGN ENGINEER. THEY SHOULD ONLY TIE TO THEIR SUPPORT LANYARDS OR GEAR TO OR ATTACH TO TOWER STRUCTURAL MEMBERS THAT HAVE VISIBLE BOLTING AND CONNECTION TO THE LARGER STRUCTURE.

NOTE:
THE LATEST ANTENNA DESIGN IS TO BE REFERENCED PRIOR TO TOWER WORK TO VERIFY THE LATEST EQUIPMENT IS ACCOUNTED FOR.

NOTE:
PLATFORM/ MOUNT DRAWING FOR REFERENCE ONLY. MOUNT ANALYSIS BY OTHERS. NO NEW ANTENNAS OR EQUIPMENT LOADS TO BE INSTALLED ON THE MOUNT WITHOUT THE APPROVAL OF STRUCTURAL ENGINEER.

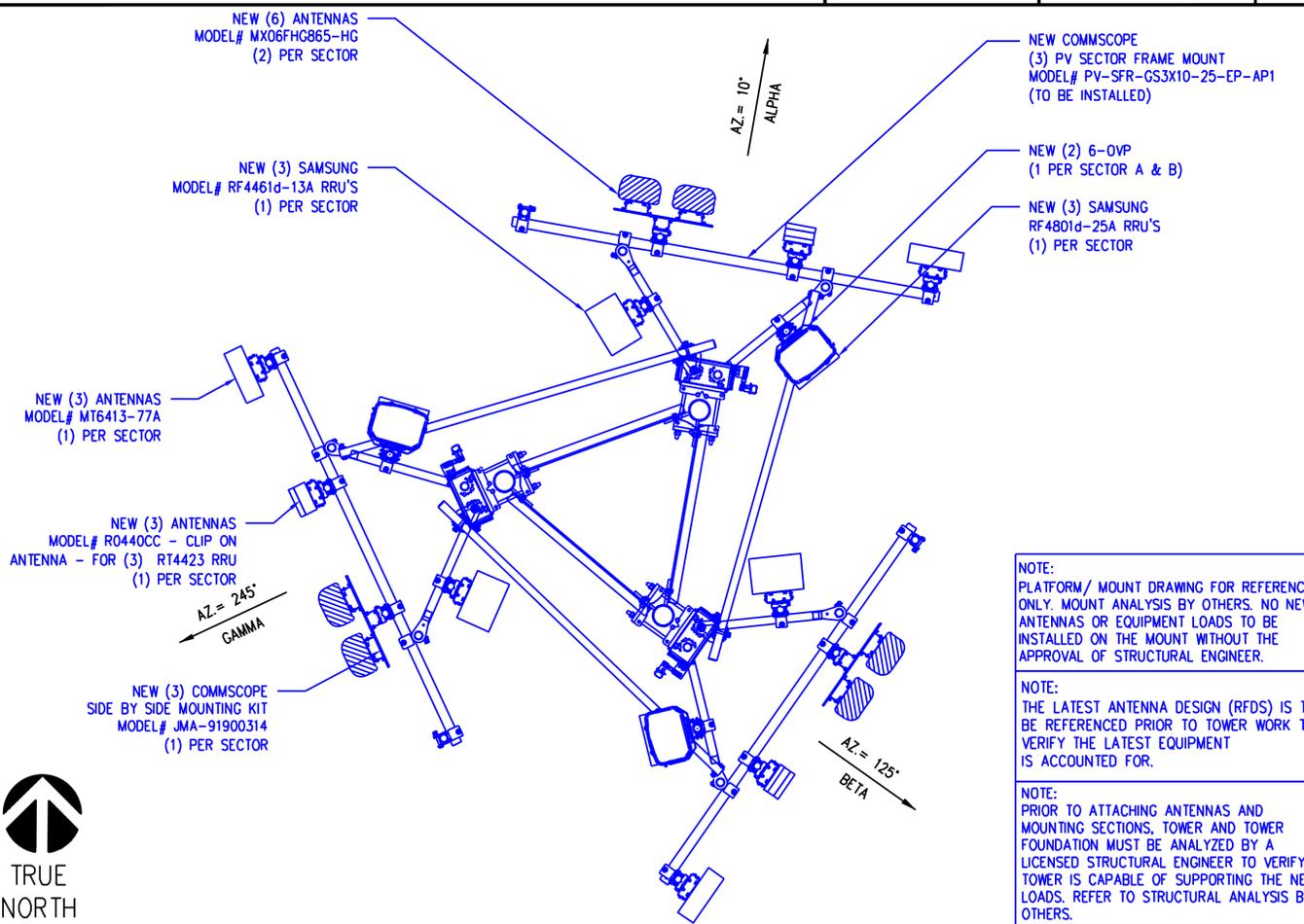
NOTE:
PRIOR TO ATTACHING ANTENNAS AND MOUNTING SECTIONS, TOWER AND TOWER FOUNDATION MUST BE ANALYZED BY A LICENSED STRUCTURAL ENGINEER TO VERIFY TOWER IS CAPABLE OF SUPPORTING THE NEW LOADS. REFER TO STRUCTURAL ANALYSIS BY OTHERS.



SECTION THRU ANTENNA SECTOR

SCALE: 1 1/2" = 1'-0" (24x36)
(OR) 3/4" = 1'-0" (11x17)

2



ANTENNA SECTORS

SCALE: 1/2" = 1'-0" (24x36)
(OR) 1/4" = 1'-0" (11x17)

3

TOWER ELEVATION

SCALE: 1" = 15' (24x36)
(OR) 1" = 30' (11x17)

1



4M TOWERS
7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007



9221 Lyndon B Johnson Fwy
Suite 204, Dallas, TX 75243
Phone: 972-231-8893 Fax: 866-364-8375
www.allprocg.com Registration No. 8242

ACGI NO: 25-3461

DRAWN BY: CG

CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

STAMP



ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION
4M TOWERS SITE NAME:
LIBERTY HILL

4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:

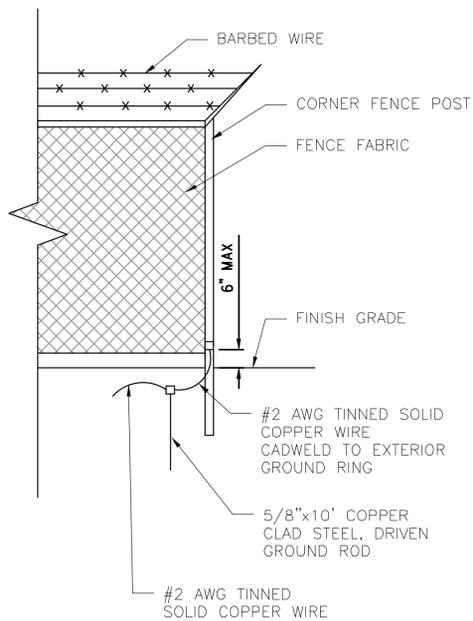
ELEVATION

SHEET NUMBER:

C-3



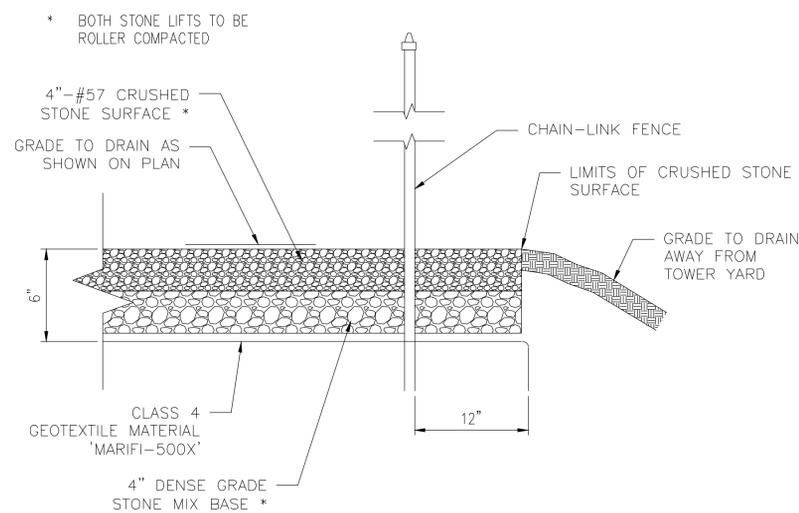
TRUE
NORTH



FENCE GROUNDING DETAIL

SCALE: NTS

4

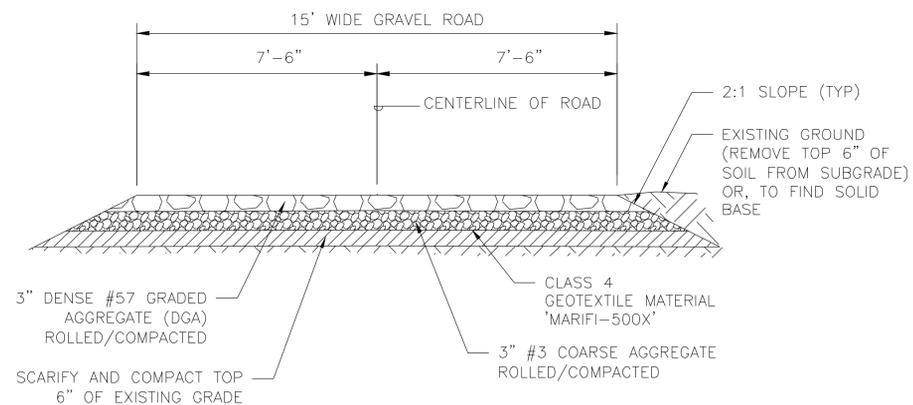


SITE COMPOUND DETAIL

SCALE: NTS

3

- NOTES:
- CLEAR AND GRUB EXISTING VEGETATION
 - MAINTAIN EXISTING DRAINAGE PATTERNS
 - MINIMUM OF 6" OF 1-1/2" CRUSHED ROCK SUBGRADE TO BE COMPACTED TO 95% (MINIMUM) STANDARD PROCTOR DENSITY
 - THE NEW ACCESS ROAD OUTSIDE THE FENCED COMPOUND SHALL BE SURFACED AS FOLLOWS:
 - MIN 4" CRUSHER RUN FINISHED DRIVING SURFACE
 - 2"-3" MINIMUM CRUSHER RUN OVER THE SUB-BASE AND ROLLED
 - 3" #3 GRAVEL ROLLED SUB-BASE COURSE SUBGRADE COMPACTED TO 95% STANDARD PROCTOR DENSITY
- NOTES:
- WHERE REWORKING OR EXTENDING EXISTING ROAD, MATCH EXISTING CONSTRUCTION OR AS DETAILED ABOVE AS A MINIMUM ACCEPTABLE STANDARD.
 - TO BE USED FOR GRADES 0-4%
 - IF DETERMINED NECESSARY DURING GRADING AND CONSTRUCTION OF THE ACCESS ROAD BY THE 4M TOWERS PROJECT MANAGER, THE CONTRACTOR SHALL INSTALL 5" BASE OF SURGE STONE OR RAILROAD BALLAST (2" TO 4" STONE TYP)

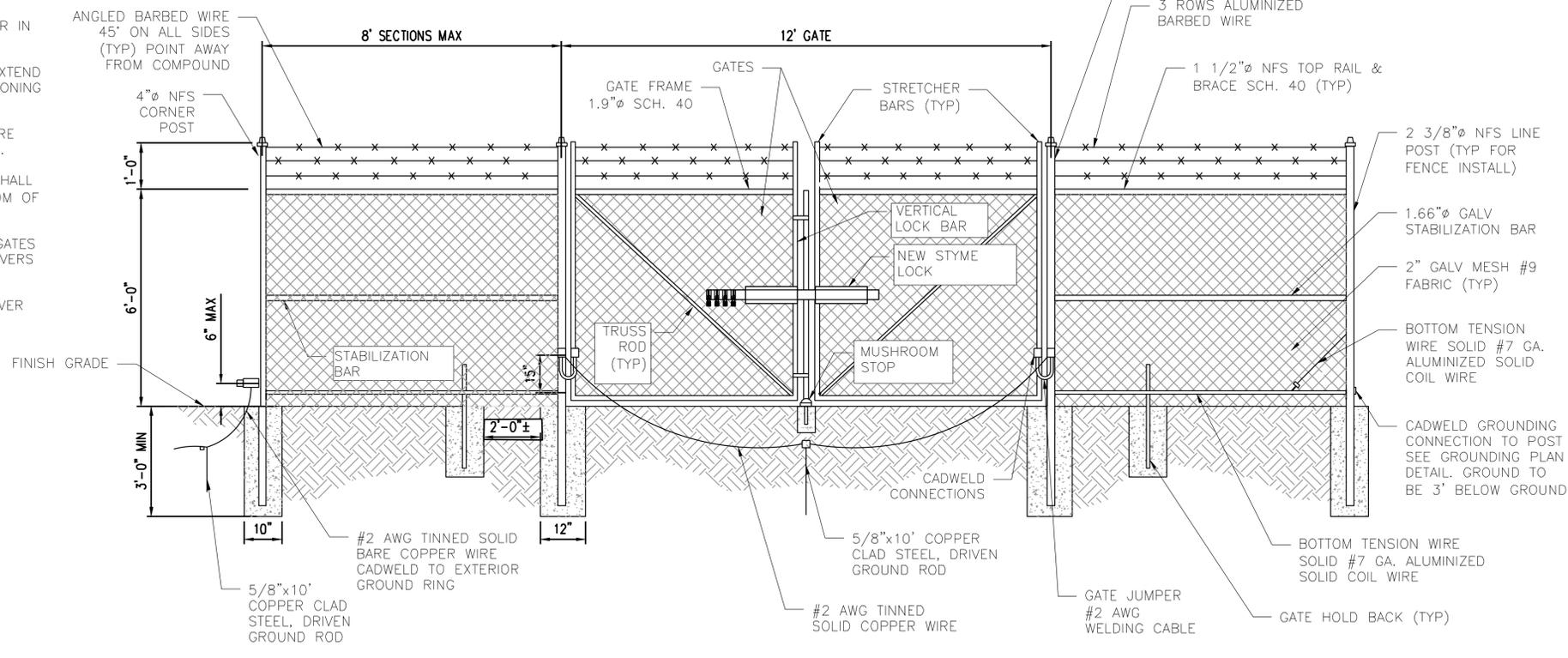


ACCESS ROAD DETAIL

SCALE: NTS

1

- NOTES:
- USE 3,000-PSI CONCRETE, FULLY CONSOLIDATED AROUND THE POST.
 - WHERE THE POST IS SET IN ROCK OR CONCRETE, CORE A HOLE 12" DEEP AND 1" LARGER IN DIAMETER THAN THE POST. SET THE POST AND GROUT IN PLACES USING NON-SHRINK GROUT.
 - ALL POSTS MUST BE PLUMB AND ALIGNED WITH ONE ANOTHER IN BOTH HORIZONTAL AND VERTICAL PLANES.
 - CORNERS AND GATEPOSTS FOR CHAIN-LINK FENCES SHALL EXTEND ABOVE THE TOP STRAND OF BARBED WIRE TO PROVIDE TENSIONING FOR THE BARBED WIRE.
 - PROVIDE MIDRAILS AND BRACING AT ALL CORNERS POST WHERE THE FENCE CHANGES DIRECTION BY MORE THAN 30 DEGREES.
 - THE GRADE OF THE SITE AND INSTALLATION OF THE FENCE SHALL PROVIDE FOR NO MORE THAN A 1" GAP BETWEEN THE BOTTOM OF THE FENCE MATERIAL AND FINISH GRADE.
 - CONTRACTOR SHALL PROVIDE HOLD OPEN DEVICES FOR ALL GATES AT THE SPECIFIED OPEN POSITIONS, DRIVEN PIPE TYPE RECEIVERS ARE NOT AUTHORIZED.
 - CONTRACTOR SHALL ALSO PROVIDE A MUSHROOM TYPE RECEIVER AT THE CLOSE POSITION.



MUSHROOM STOP

SCALE: NTS

5

FENCE DETAIL

SCALE: NTS

2

verizon
600 HIDDEN RIDGE
IRVING, TX 75038

4MTOWERS
7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007

ALLPRO
CONSULTING GROUP, INC.

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Phone: 972-231-8893 Fax: 866-364-8375
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DRAWN BY: CG

CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

STAMP

02/25/26

SHIQIANG ZHANG
137482
LICENSED PROFESSIONAL ENGINEER

ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION

4M TOWERS SITE NAME:
LIBERTY HILL

4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:
SITE DETAILS

SHEET NUMBER:
C-4

- ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE APPLICABLE STATE ADOPTED "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE STATE ENVIRONMENTAL PROTECTION AGENCY.
- A SOIL EROSION CONTROL FENCE SHALL BE INSTALLED BEFORE DISTURBING THE GROUND AND SHALL BE PROVIDED AS SHOWN ON THE PLAN. THE CONDITION OF THE FENCE SHALL BE INSPECTED REGULARLY AND AFTER EVERY RAINSTORM THAT MIGHT PRODUCE RUNOFF. DAMAGED OR DETERIORATED ITEMS SHALL BE REPLACED AND MAINTAINED IN AN EFFECTIVE CONDITION.
- SOIL EROSION CONTROL MEASURES SHALL BE INCLUDED IN CONTRACTOR BID AND PRICING.
- THE ENTIRE SITE SHALL BE GRADED SO THAT NO STORM WATER RUNOFF AND LIKEWISE SOIL SEDIMENT CAN FLOW UNRESTRICTED FROM THE SITE.
- ALL INLETS, STRUCTURES, PIPES, SWALES, AND ROADS SHALL BE KEPT CLEAN AND FREE OF DIRT AND SILT.
- MAINTAIN SOIL EROSION CONTROL MEASURES THROUGH THE DURATION OF THIS PROJECT.
- SEDIMENT DEPOSITS SHALL BE REMOVED WHEN REACHING ONE HALF THE HEIGHT OF THE BARRIER.
- ALL SOIL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN PAVED OR VEGETATED.
- ANY EXCESS TOPSOIL THAT IS TO BE STOCKPILED FOR A PERIOD LONGER THAN 2 WEEKS SHALL BE PROTECTED BY EXCAVATING A TRENCH COMPLETELY AROUND THE STOCKPILE TO PREVENT THE ESCAPE OF SOIL MATERIAL THROUGH STORM WATER RUNOFF. STOCKPILES THAT ARE TO REMAIN LONGER THAN 14 DAYS SHALL BE SEEDED WITH AN APPROPRIATE GROUND COVER.
- TO PREVENT SOIL FROM LEAVING THE SITE ON CONSTRUCTION VEHICLE WHEELS, TEMPORARY GRAVEL ROADS AT WORK ENTRANCES SHALL BE CONSTRUCTED AND SHALL EXTEND INTO JOB SITE. THE EXISTING PAVEMENT SURFACES SHALL BE INSPECTED DAILY FOR SOIL DEBRIS AND SHALL BE CLEANED WHEN NECESSARY.
- REPLACE SOIL EROSION CONTROL MEASURES WITH SEED, SOD AND TOPSOIL AT THE COMPLETION OF THE PROJECT.
- SOIL EROSION CONTROL MEASURES SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN PROJECT IS COMPLETED.

SOIL EROSION AND SEDIMENT CONTROL NOTES

SCALE: 4
NTS

NOT USED

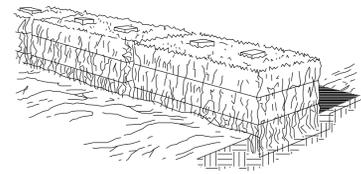
SCALE: 3
NTS

NOT USED

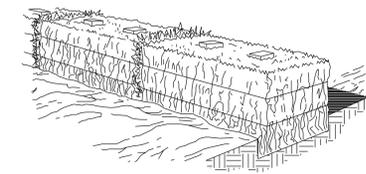
SCALE: 2
NTS



1. EXCAVATE THE TRENCH.

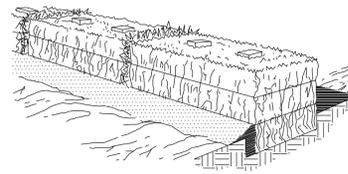


2. PLACE AND STAKE STRAW BALES.



3. WEDGE LOOSE STRAW BETWEEN BALES.

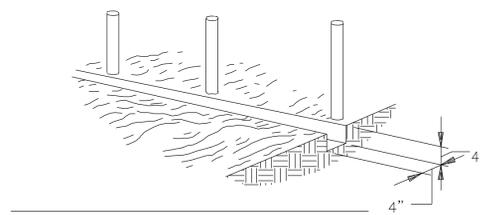
STRAW BALE BARRIER



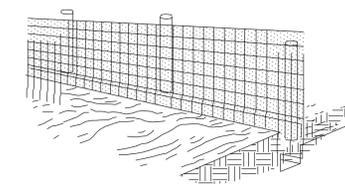
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

GRADING NOTES:

- THE CONTRACTOR SHALL REWORK (DRY, SCARIFY, ETC...) ALL MATERIAL NOT SUITABLE FOR SUB GRADE IN ITS PRESENT STATE. IF THE MATERIAL, AFTER REWORKING, REMAINS UNSUITABLE THEN THE CONTRACTOR SHALL UNDERCUT THIS MATERIAL AND REPLACE WITH APPROVED MATERIAL AT HIS EXPENSE. ALL SUB GRADES SHALL BE PROOF ROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO PAVING. ANY SOFT MATERIAL SHALL BE REWORKED OR REPLACED.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL DITCHES, PIPES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION UNTIL WORK IS ACCEPTABLE BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO MAINTAIN DRAINAGE STRUCTURES IN OPERABLE CONDITION.
- ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE (1) YEAR FROM DATE OF ACCEPTANCE.
- ALL DIMENSIONS SHALL BE VERIFIED WITH THE PLANS (LATEST REVISION) PRIOR TO COMMENCING CONSTRUCTION. NOTIFY THE OWNER IMMEDIATELY IF DISCREPANCIES ARE DISCOVERED. THE CONTRACTOR SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHEN WORK IS BEING PRE FORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS.

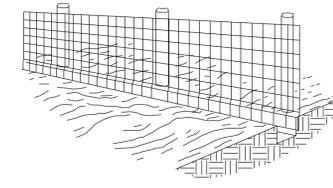


1. SET POSTS AND EXCAVATE A 4"x4" TRENCH UPSLOPE ALONG POSTS.

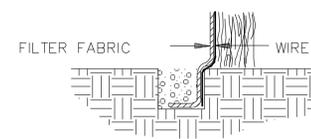


3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.

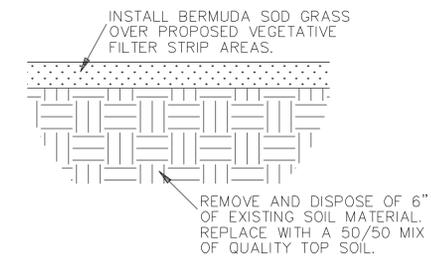
SILT FENCE



2. STAPLE WIRE FENCING TO THE LINE OF POSTS.



4. EXTENSION OF FABRIC AND WIRE INTO THE TRENCH



VEGETATIVE FILTER STRIP SECTION DETAIL

EROSION CONTROL DETAIL

SCALE: 1
NTS

verizon
600 HIDDEN RIDGE
IRVING, TX 75038

4MTOWERS
7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007

ALLPRO
CONSULTING GROUP, INC.

9221 Lyndon B Johnson Fwy
Suite 204, Dallas, TX 75243
Phone: 972-231-8893 Fax: 866-364-8375
www.allprocgi.com Registration No. 8242

ACGI NO: 25-3461

DRAWN BY: CG

CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
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5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

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ALLPRO CONSULTING GROUP, INC.
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TX-801

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VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

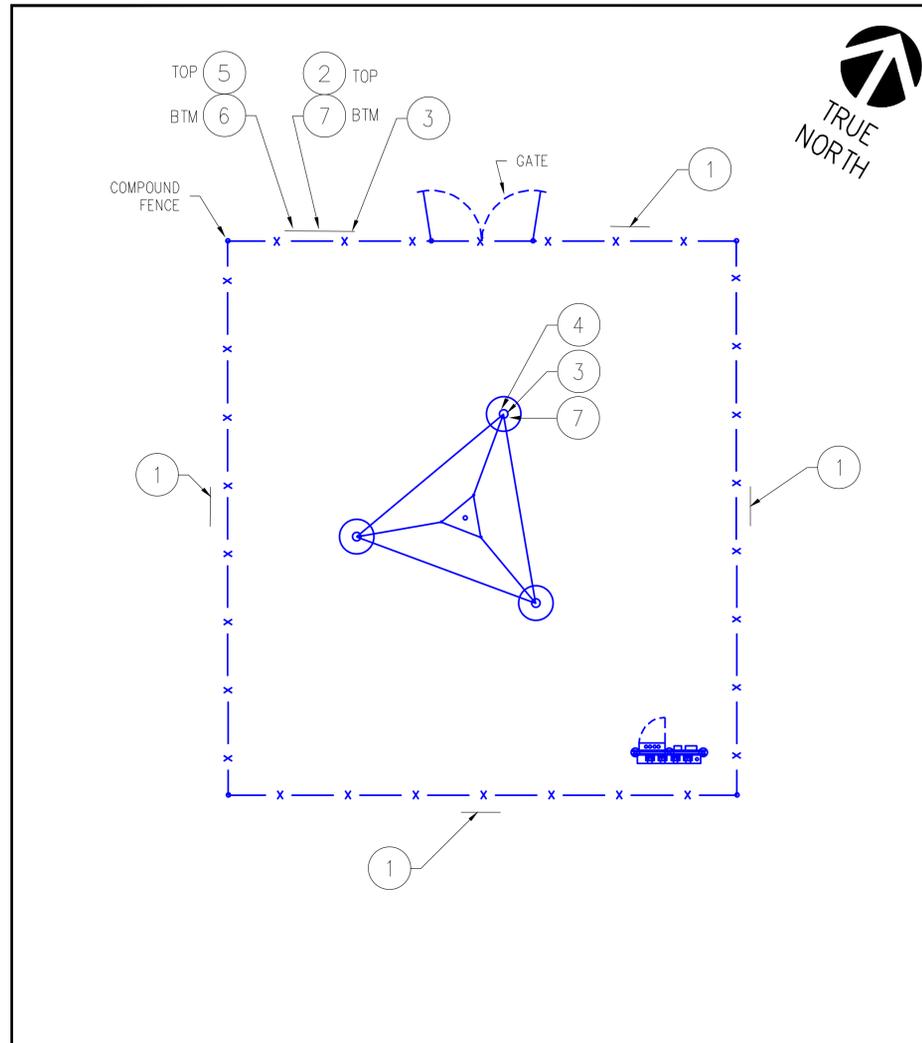
ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:

**SITE
DETAILS**

SHEET NUMBER:

C-5



TRUE NORTH

① NO-TRESPASSING SIGN
18" HIGH X 24" WIDE
(OPERATIONS PROVIDED)

② VERTICAL BRIDGE - SITE ID SIGN
(OPERATIONS PROVIDED)

③ NOTICE-RFE SIGN
12" HIGH X 18" WIDE
(OPERATIONS PROVIDED)

④ WARNING-RF SIGN (RED)
12" WIDE X 18" HIGH

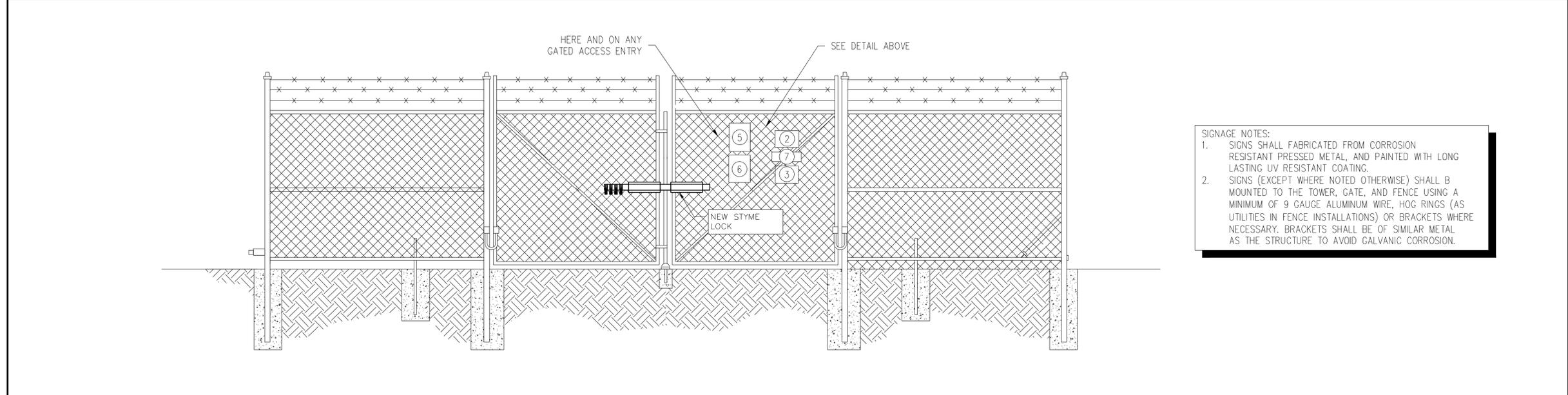
⑤ CAUTION-RF SIGN (YELLOW)
12" WIDE X 18" HIGH

⑥ NOTICE-RF SIGN (BLUE)
12" WIDE X 18" HIGH

⑦ FCC REGISTRATION SIGN
20 WIDE X 4" HIGH

SIGN PLACEMENT PLAN VIEW SCALE: NTS 1

TYPICAL SIGNS AND SPECIFICATIONS SCALE: NTS 2



SIGN PLACEMENT FRONT GATE VIEW SCALE: NTS 3

600 HIDDEN RIDGE
IRVING, TX 75038

7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007

9221 Lyndon B Johnson Fwy
Suite 204, Dallas, TX 75243
Phone: 972-231-8893 Fax: 866-364-8375
www.allprocgi.com Registration No. 8242

ACGI NO:	25-3461		
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7	02/25/26	FINAL CD REVISIONS	DR

STAMP

02/25/26

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17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:
**SITE SIGNAGE
DETAILS**

SHEET NUMBER:
C-6



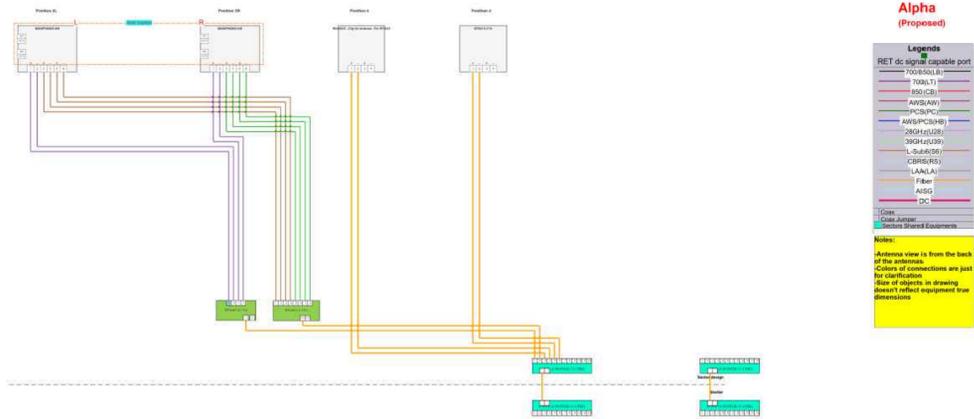
SOUTH > South Coast > Central Texas > Austin > SEWARD_JUNCTION_REPL
 Bendele, Shelia - shelia.bendele@verizonwireless.com - 20250507_124652

Project Details		Location Information	
Carrier Aggregation	N	Site Id	617404505
Ecip	N	Search Ring#	
Project Name	TRADITIONAL RELO	E-NodeB ID#	null
Project Alt Name	SEWARD_JUNCTION_REPL	PSLC#	0
Project Id	17510913	Switch Name	Austin
Designed Sector Carrier 4G	9	Tower Type	
Designed Sector Carrier 5G	9	Site Type	MACRO
Additional Sector Carrier 4G	0	Street Address	1007 N US 183
Additional Sector Carrier 5G	0	City	Liberty Hill
Suffix		State	TX
FP Solution Type & Tech Type	MCR-4G_700.4G_AWS-4G_AWS3-4G_CBRS-5G_L-Sub6-5G_PCS	Zip Code	78642
		County	Williamson
		Latitude	30.66595/ 30° 39' 57.060"
		Longitude	-97.883542/ 97° 53' 0.751"

Project Scope
 New build macro to replace SEWARD_JUNCTION due to loss of lease.
 Three sector site with 700/PCS/AWS/AWS3/CBRS/C-band

Proprietary and Confidential. Not for disclosure outside of Verizon.

Page 1 of 14



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Page 14 of 14

Antenna Summary												
700	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Center line	Tip Height	Azimuth	Install Type	Quantit
					5G	Samsung	MT6413-77A	243.5	244.7	10(A),125(B),245(C)	PHYSICAL	3
LTE	5G	LTE	LTE			JMA Wireless	MX06FHG965-HG	245	249	10(A),125(B),245(C)	PHYSICAL	6
					5G	Samsung	R9440CC - Clip On Antenna - For RT4423	246.5	246.9	10(A),125(B),245(C)	PHYSICAL	3

Removed Antenna												
700	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Center line	Tip Height	Azimuth	Install Type	Quantit

Retained Antenna												
700	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Center line	Tip Height	Azimuth	Install Type	Quantit

Added: 12 Removed: 0 Retained: 0

Non Antenna Summary												
Equipment Type	Locatio	700	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Install Type	Quantity	
OVP	Tower	LTE	5G	LTE	LTE		5G		6 OVP (6 POWER/12 CPRI)	PHYSICAL	2	
OVP	Shelter	LTE	5G	LTE	LTE		5G		6 OVP (6 POWER/12 CPRI)	PHYSICAL	2	
Hybrid Cable	Tower	LTE	5G	LTE	LTE		5G	N/A	6x12 Hybridflex	PHYSICAL	2	
Mount	Tower	LTE	5G	LTE	LTE			JMA	JMA-91900314	PHYSICAL	3	
RRU	Tower						5G	Samsung	MT6413-77A	PHYSICAL	0	
RRU	Tower	LTE						Samsung	RF4461d-13A	PHYSICAL	3	
RRU	Tower		5G	LTE	LTE			Samsung	RF4801d-25A	PHYSICAL	3	
RRU	Tower					5G		Samsung	RT4423-48A	PHYSICAL	3	

Removed Non Antenna												
Equipment Type	Locatio	700	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Install Type	Quantity	

Retained Non Antenna												
Equipment Type	Locatio	700	1900	AWS	AWS3	CBRS	L-Sub6	Make	Model	Install Type	Quantity	

Added: 18 Removed: 0 Retained: 0

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Page 2 of 14

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Page 3 of 14



9221 Lyndon B Johnson Fwy
 Suite 204, Dallas, TX 75243
 Phone: 972-231-8893 Fax: 866-364-8375
 www.allprocg.com Registration No. 8242

ACGI NO: 25-3461

DRAWN BY: CG

CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

STAMP



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 TX-801

VZW SITE NAME:
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VZW FUZE ID #:
 17510913

VZW MDG LOCATION ID #:
 5000932524

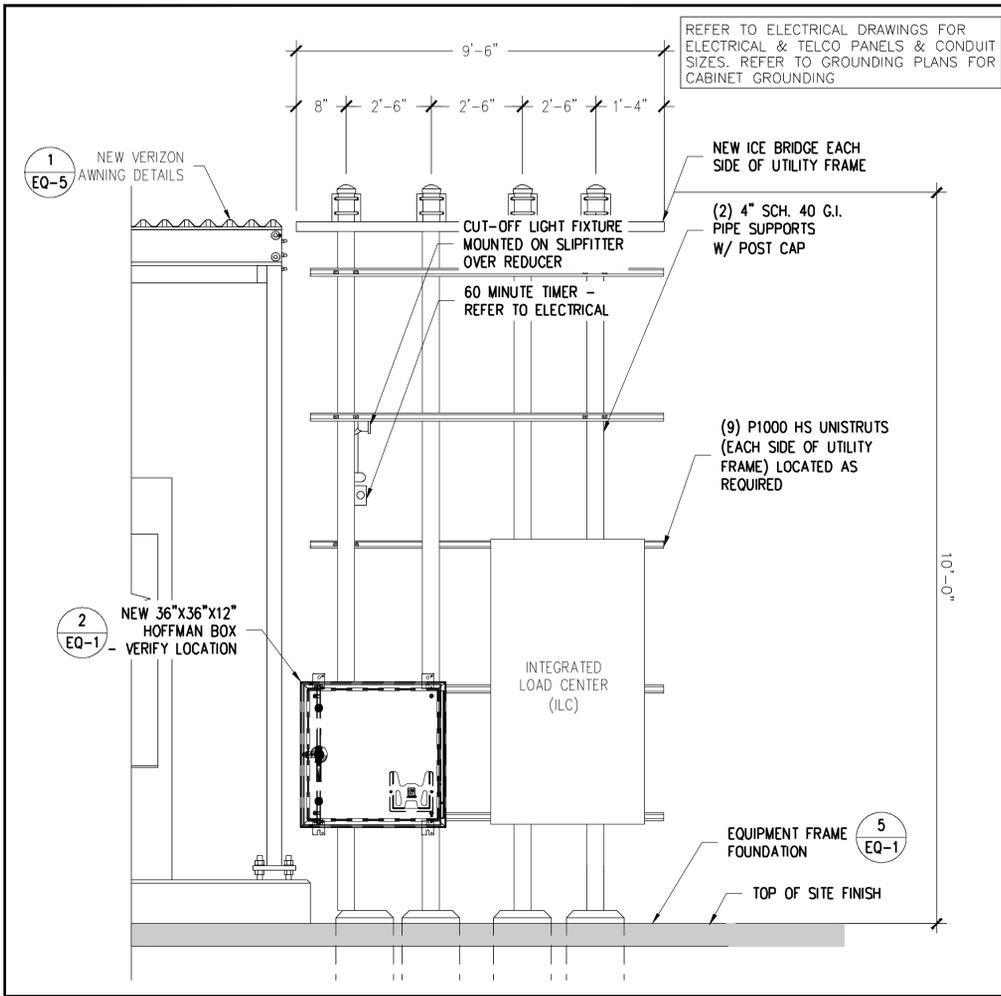
ADDRESS:
 1007 N US 183 UNIT 100
 LIBERTY HILL, TX
 WILLIAMSON COUNTY

SHEET TITLE:

RFDS

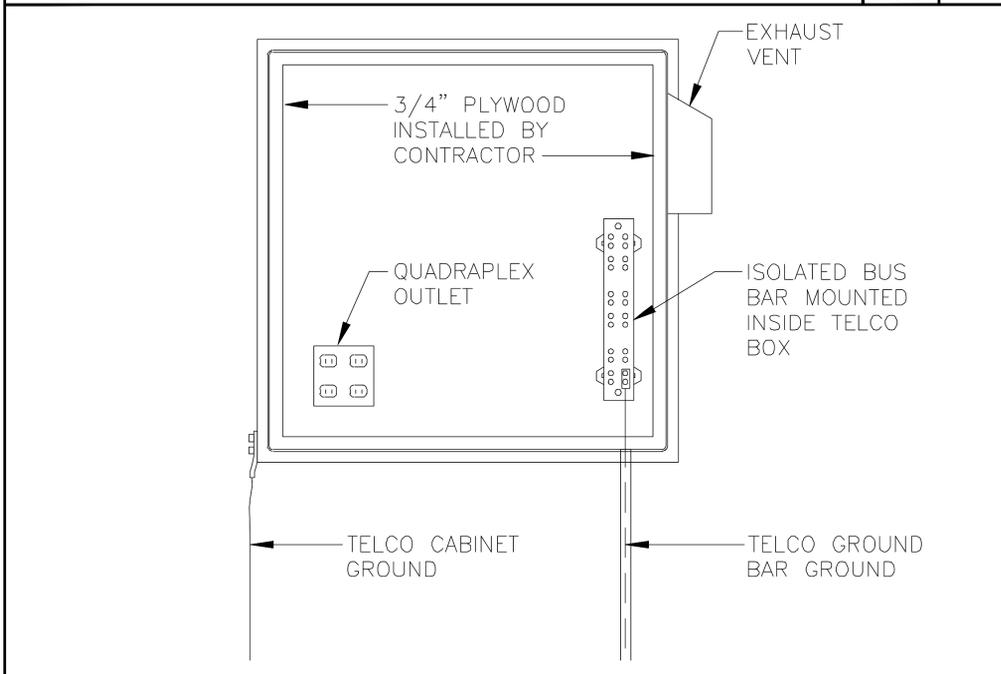
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RF-1



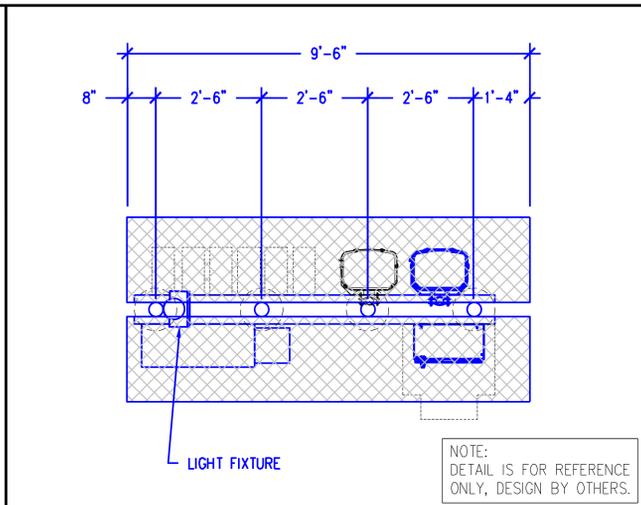
VERIZON EQUIPMENT FRAME - FRONT ELEVATION

SCALE: NTS 3



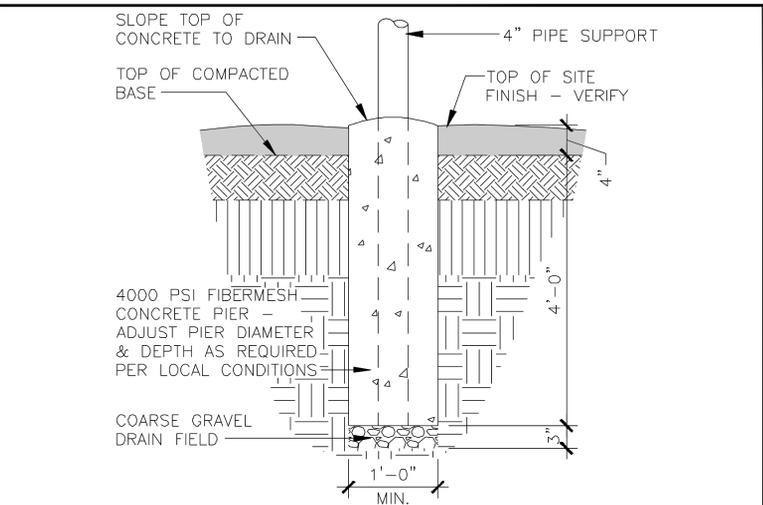
HOFFMAN TELCO BOX DETAIL

SCALE: NTS 2



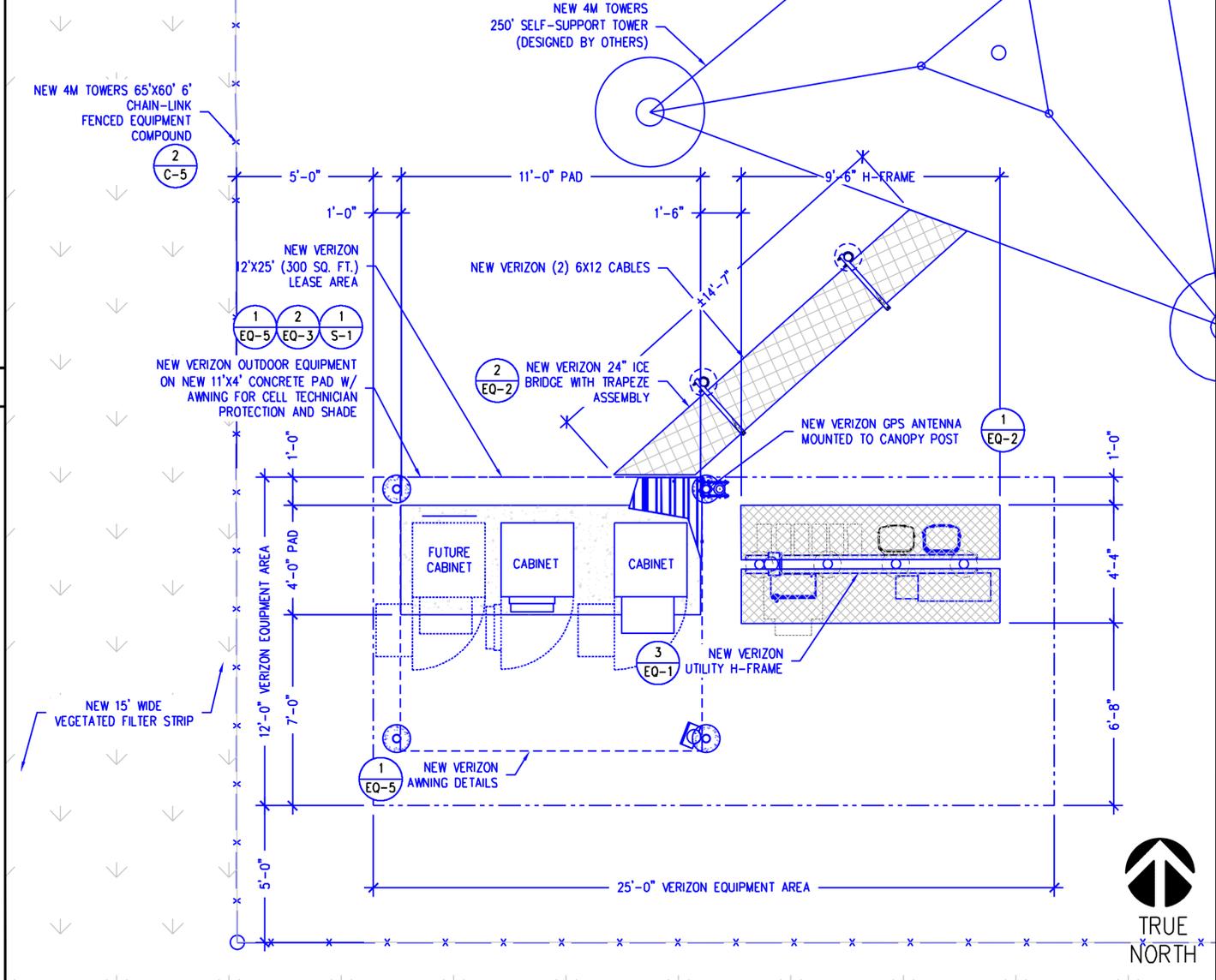
VERIZON EQUIPMENT FRAME - PLAN VIEW

SCALE: NTS 4



VERIZON EQUIPMENT FRAME - FOUNDATION

SCALE: NTS 5



EQUIPMENT PLAN

SCALE: 3/8" = 1'-0" (24x36) (OR) 3/16" = 1'-0" (11x17) 1



Phone: 972-231-8893 Fax: 866-364-8375 www.allproci.com Registration No. 8242

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7	02/25/26	FINAL CD REVISIONS	DR



ALLPRO CONSULTING GROUP, INC. FIRM NO.: F-8242

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VZW FUZE ID #: 17510913

VZW MDG LOCATION ID #: 5000932524

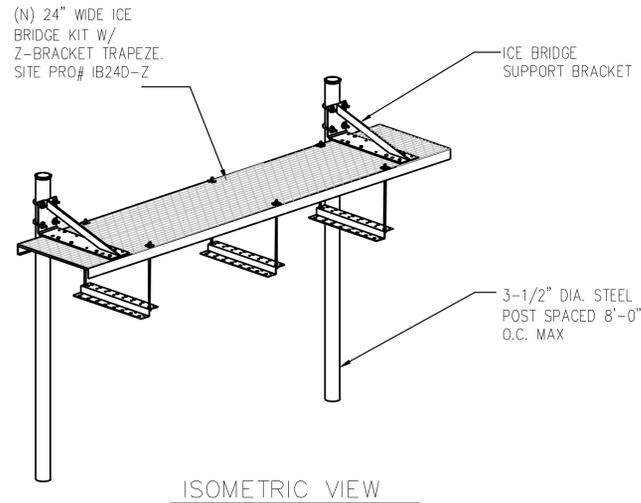
ADDRESS: 1007 N US 183 UNIT 100 LIBERTY HILL, TX WILLIAMSON COUNTY

SHEET TITLE: EQUIPMENT DETAILS

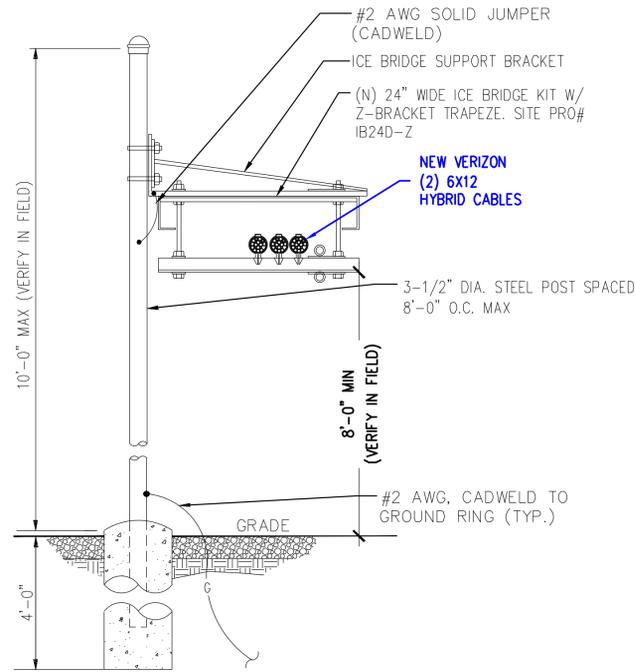
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NOTE:
DETAIL IS FOR
REFERENCE ONLY

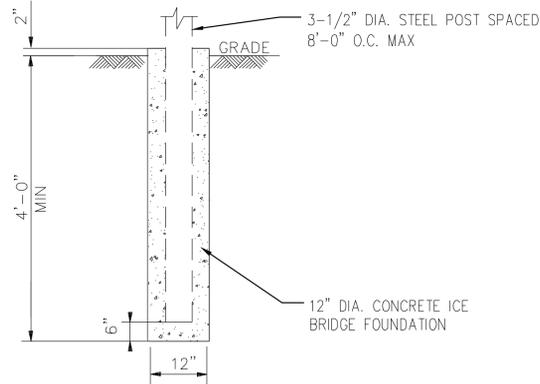
NOTE:
ALL MOUNTING HARDWARE IS
INCLUDED IN ICE BRIDGE KIT.
CONTRACTOR TO VERIFY



ISOMETRIC VIEW



FRONT VIEW



SECTION DETAIL

NOTE:
TO BE INSTALLED BY VZW

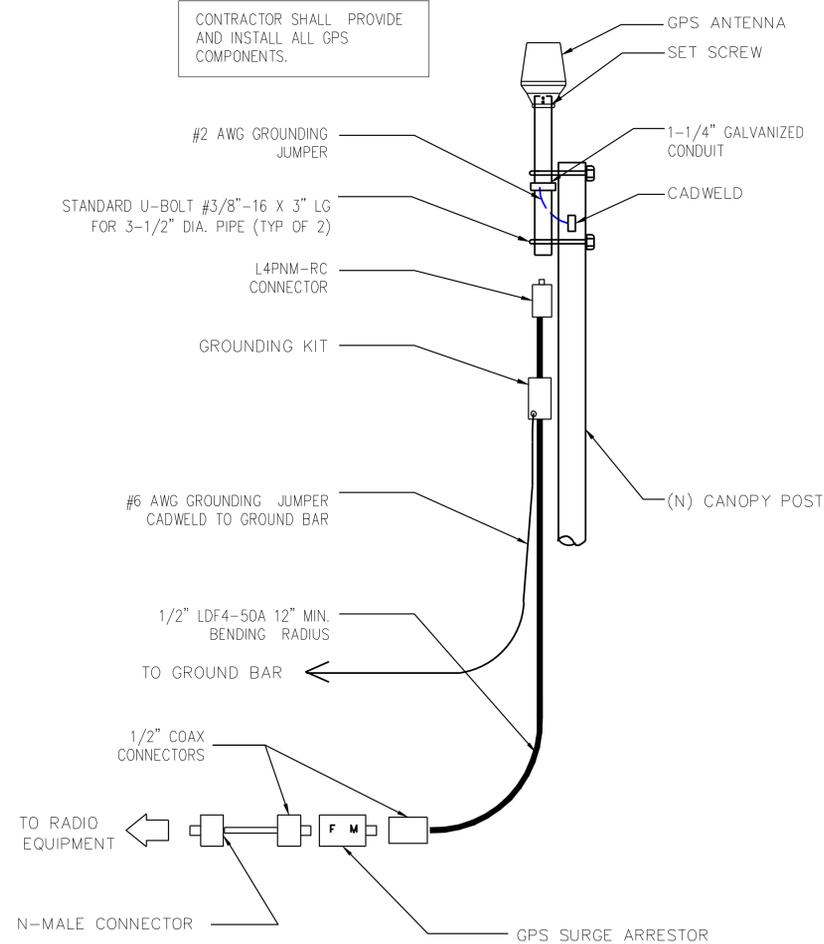
NOTES:

1. WHEN USING COMPONENTS AS SHOWN IN STANDARD DETAIL, MAXIMUM ALLOWABLE SPAN BETWEEN SUPPORTS ON A CONTINUOUS SINGLE SECTION OF BRIDGE CHANNEL SHALL BE 8'-0"
2. WHEN USING COMPONENTS FOR SPLICING BRIDGE CHANNEL SECTIONS, THE SPLICE SHOULD BE PROVIDED AT THE SUPPORT, IF POSSIBLE, OR AT A MAXIMUM OF 2 FEET FROM THE SUPPORT.
3. WHEN USING COMPONENTS, SUPPORT SHOULD BE PROVIDED AS CLOSE AS POSSIBLE TO THE END OF THE ICE BRIDGE, WITH A MAXIMUM CANTILEVER OF 2' FROM THE SUPPORT AT THE END.

4. DEVIATIONS FROM STANDARDS FOR COMPONENT INSTALLATIONS ARE PERMITTED WITH THE RESPECTIVE MANUFACTURER'S APPROVAL.
5. CUT BRIDGE CHANNEL SECTIONS SHOULD HAVE RAW EDGES TREATED WITH A MATERIAL TO RESTORE THE CUT EDGES TO THE ORIGINAL CHANNEL, OR EQUIVALENT, FINISH.

NOT USED

SCALE:
NTS 3



ICE BRIDGE DETAILS

SCALE:
NTS 2

GPS ANTENNA

SCALE:
NTS 1

verizon
600 HIDDEN RIDGE
IRVING, TX 75038

4MTOWERS
7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007

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CONSULTING GROUP, INC.

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7	02/25/26	FINAL CD REVISIONS	DR

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WILLIAMSON COUNTY

SHEET TITLE:

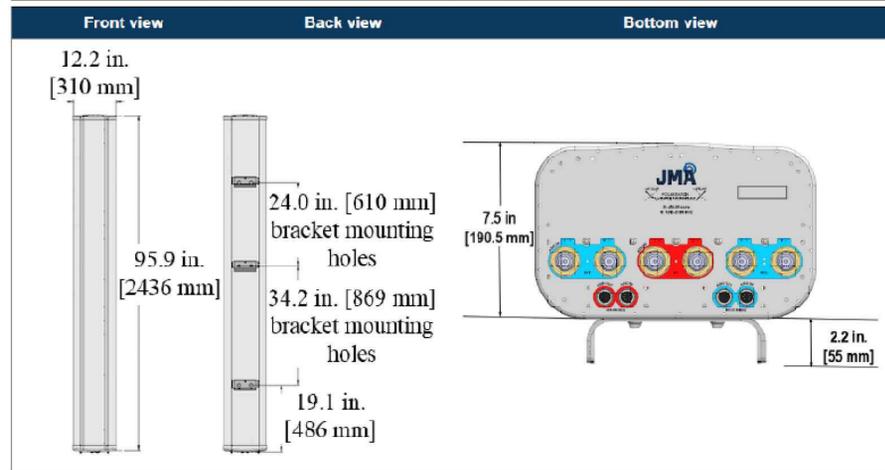
DETAILS

SHEET NUMBER:

EQ-2

JMA MX06FHG865-HG
NWAIV™ X-Pol Hex-Port Antenna

Mechanical specifications	
Dimensions height/width/depth, inches (mm)	95.9/ 12.2/ 7.5 (2436/ 310/ 191)
Shipping dimensions length/width/height, inches (mm)	106/ 20/ 15 (2692/ 508/ 381)
No. of RF input ports, connector type, and location	6 x 4.3-10 female, bottom
RF connector torque	96 lbf-in (10.85 N-m or 8 lbf-ft)
Net antenna weight, lb (kg)	51 (23.1)
Shipping weight, lb (kg)	100 (45.3)
Antenna mounting and downtilt kit included with antenna	91900318, 91900319 (middle bracket)
Net weight of the mounting and downtilt kit, lb (kg)	26 (11.82)
Range of mechanical up/down tilt	-2° to 12°
Rated wind survival speed, mph (km/h)	150 (241)
Frontal and lateral wind loading @ 150 km/h, lbf (N)	50.5 (402.6), 81.2 (361.2)
Equivalent flat plate @ 100 mph and Cd=2, sq ft	2.27
EPA frontal and lateral, ft², (m²)	4.1 (0.38), 2.2 (0.20)



ANTENNA FRONT

SECTOR ANTENNA		
EQUIPMENT	DIMENSIONS	WEIGHT
MAKE: SAMSUNG MODEL: MT6413-77A	35.1" h x 16.1" w x 5.5" d (NOT TO EXCEED)	87 LBS. (NOT TO EXCEED)
CLEARANCES AND SERVICE AREA		
TOP:	31.5"	HORIZONTAL DISTANCE: (ANT. TO ANT.) 31.5"
FRONT, SIDES & BOTTOM:	15.7"	VERTICAL DISTANCE: (ANT. TO ANT.) 63.0"
NOTES: 1. THIS ANTENNA HAS ITS OWN BUILT-IN RRH.		

ANTENNA & RRU SPECIFICATION

SCALE: 1
NTS

ANTENNA SPECIFICATION

SCALE: 2
NTS

NOT USED

SCALE: 3
NTS



NOTE:
SOLAR SHIELD NOT SHOWN

MANUFACTURER: SAMSUNG
MODEL: RF4801D-25A
BRAND: B25(PCS), B66(AWS)
DIMENSIONS: 13.78 X 8.46 X 2.95 INCH (13L)
(NO BRACKETS)
WEIGHT: 74.7 LB



NOTE:
SOLAR SHIELD NOT SHOWN

MANUFACTURER: SAMSUNG
MODEL: RF4461D-13A
BRAND: B13(700MHZ), B5(850MHZ)
DIMENSIONS: 14.96 X 14.96 X 9.05 INCH (33.2L)
(NO BRACKETS)
WEIGHT: 70.33 LB



MANUFACTURER: RAYCAP
MODEL: RCMDC-6627-PF-48
DIMENSIONS: DEPTH = 320.04 mm | 12.69"
HEIGHT = 749.30 mm | 29.50"
WIDTH = 419.10 mm | 16.50"
WEIGHT = 14.51 KG mm | 32.00 LB

91900314

Dual-mount antenna bracket

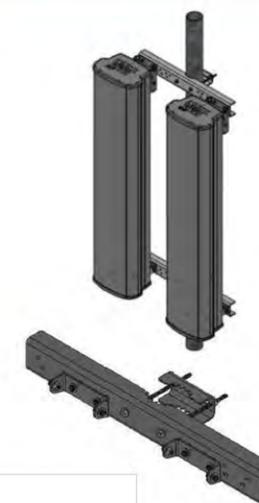


Dual-mount antenna bracket

- Enables optimal spacing for low-band 4T4R beamforming by allowing for two of the same antenna on one bracket
- Mechanical tilt in line with specified antenna
- Spacing achieved can be 3/4", 2", or 12" (edge-to-edge) dependent on antenna model
- Compatible with MX*, MC*, X7C*, C7C* antenna ranges

Spacing options between dual antennas

X7C* and C7C* models	2 of same antennas locked at 2" spacing Example: (2) X7CQAP-FRO-645-V can be locked at 2" of spacing
MX*, MC* models	2 of same antennas locked at 3/4", 2", or 12" spacing Example: (2) MX08FRO660-02 can be locked at 2" or 12" spacing (see above image)



REMOTE RADIO HEAD (RRH)

SCALE: 4
NTS

REMOTE RADIO HEAD (RRH)

SCALE: 5
NTS

OVP DETAIL

SCALE: 6
NTS

SIDE-BY-SIDE MOUNT DETAIL

SCALE: 7
NTS



9221 Lyndon B Johnson Fwy
Suite 204, Dallas, TX 75243
Phone: 972-231-8893 Fax: 866-364-8375
www.allprocg.com Registration No. 8242

ACGI NO: 25-3461

DRAWN BY: CG

CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

STAMP



ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION
4M TOWERS SITE NAME:
LIBERTY HILL

4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:

EQUIPMENT
DETAILS

SHEET NUMBER:

EQ-3

ACGI NO: 25-3461
DRAWN BY: CG
CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
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4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

STAMP

02/25/26

SHIQIANG ZHANG
137482
LICENSED PROFESSIONAL ENGINEER

ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION
4M TOWERS SITE NAME:
LIBERTY HILL

4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

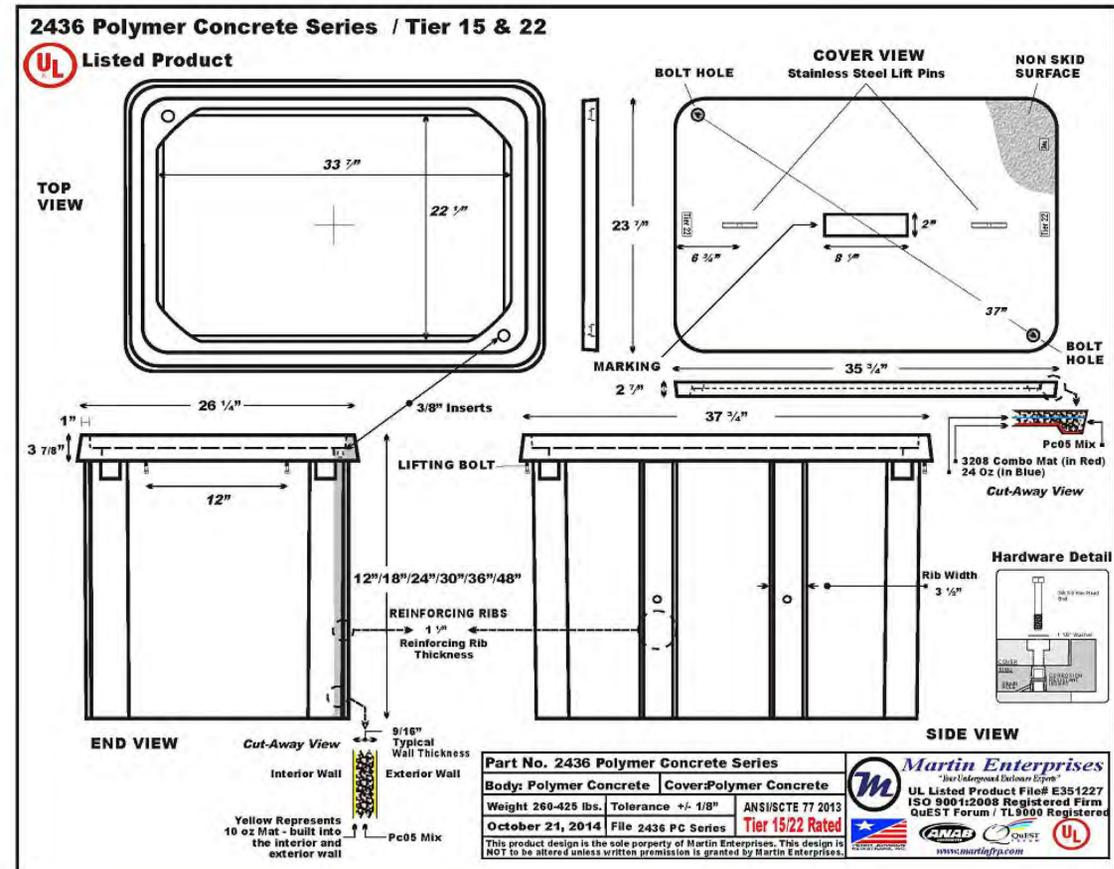
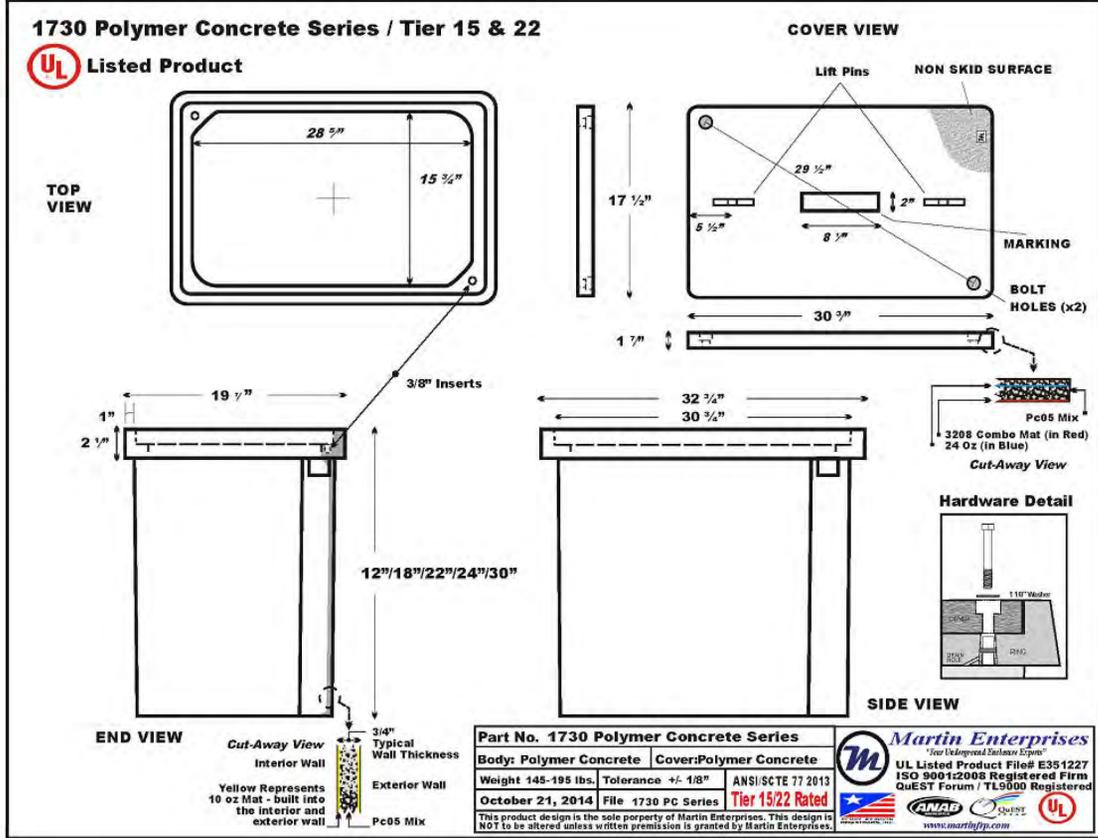
VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:
HAND HOLE SPECIFICATION

SHEET NUMBER:
EQ-4

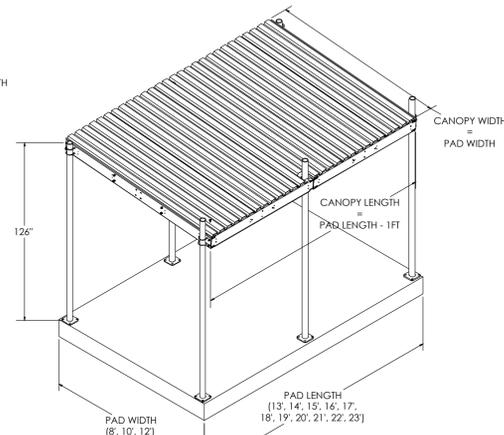
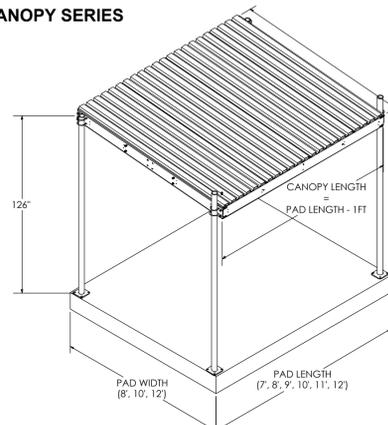


NOTE: GC TO FIELD VERIFY EXACT LOCATION TO PLACE HANDHOLE(S)

GENERAL CONTRACTOR NOTE:
G.C. TO VERIFY HH SIZE, THAT WILL BE DECIDED WHICH TO USE ON A SITE BY SITE BASIS.

WEATHER CANOPY SERIES

SERIES OVERVIEW



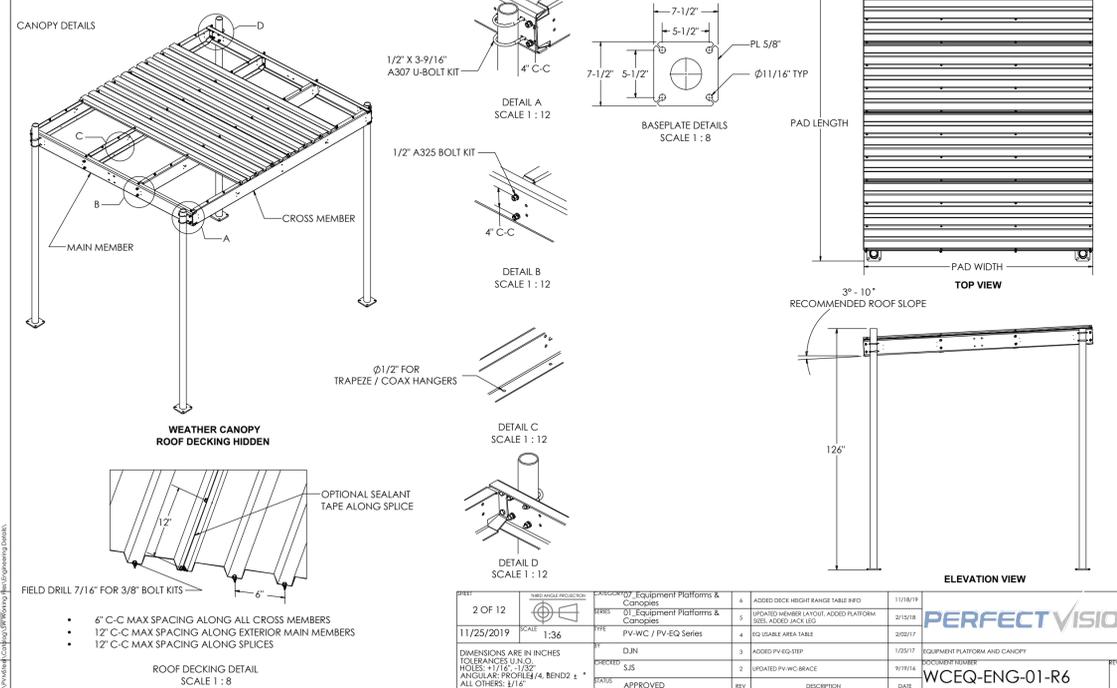
4 POST WEATHER CANOPY

6 POST WEATHER CANOPY

Weather Canopy Size Options					
Pad Length	Pad Width (Roof Slope Direction)	8'		12'	
7'		PV-EQ0807-B	455 lbs	PV-EQ1007-B	1005 lbs
8'		PV-EQ0808-B	735 lbs	PV-EQ1008-B	1125 lbs
9'		PV-EQ0809-B	815 lbs	PV-EQ1009-B	1255 lbs
10'		PV-EQ0810-B	895 lbs	PV-EQ1010-B	1375 lbs
11'		PV-EQ0811-B	975 lbs	PV-EQ1011-B	1495 lbs
12'		PV-EQ0812-B	1055 lbs	PV-EQ1012-B	1625 lbs
13'		PV-EQ0813-B	1221 lbs	PV-EQ1013-B	1878 lbs
14'		PV-EQ0814-B	1229 lbs	PV-EQ1014-B	1999 lbs
15'		PV-EQ0815-B	1382 lbs	PV-EQ1015-B	2128 lbs
16'		PV-EQ0816-B	1440 lbs	PV-EQ1016-B	2249 lbs
17'		PV-EQ0817-B	1538 lbs	PV-EQ1017-B	2370 lbs
18'		PV-EQ0818-B	1620 lbs	PV-EQ1018-B	2499 lbs
19'		PV-EQ0819-B	1698 lbs	PV-EQ1019-B	2619 lbs
20'		PV-EQ0820-B	1776 lbs	PV-EQ1020-B	2741 lbs
21'		PV-EQ0821-B	1859 lbs	PV-EQ1021-B	2869 lbs
22'		PV-EQ0822-B	1937 lbs	PV-EQ1022-B	2991 lbs
23'		PV-EQ0823-B	2016 lbs	PV-EQ1023-B	3113 lbs

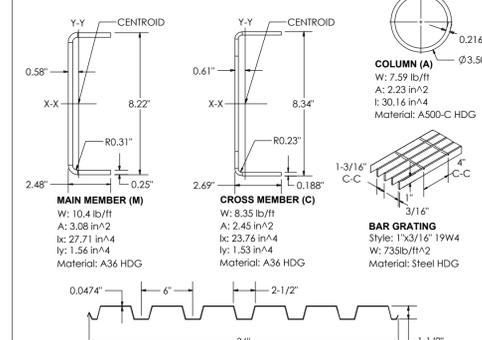
WEATHER CANOPY SERIES

CANOPY DETAILS



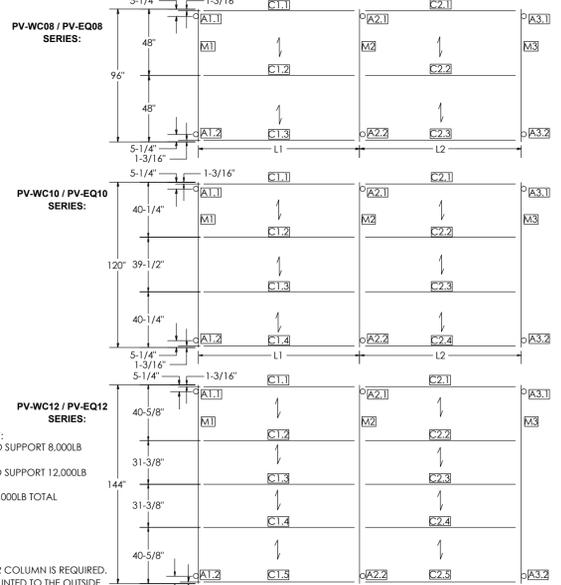
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SECTION PROPERTIES AND FRAMING PLAN



Canopy	L1	L2	Canopy	L1	L2	Canopy	L1	L2
PV-WC0807-B	6'	-	PV-WC1007-B	6'	-	PV-WC1207-B	6'	-
PV-WC0808-B	7'	-	PV-WC1008-B	7'	-	PV-WC1208-B	7'	-
PV-WC0809-B	8'	-	PV-WC1009-B	8'	-	PV-WC1209-B	8'	-
PV-WC0810-B	9'	-	PV-WC1010-B	9'	-	PV-WC1210-B	9'	-
PV-WC0811-B	10'	-	PV-WC1011-B	10'	-	PV-WC1211-B	10'	-
PV-WC0812-B	11'	-	PV-WC1012-B	11'	-	PV-WC1212-B	11'	-
PV-WC0813-B	6'	6'	PV-WC1013-B	6'	6'	PV-WC1213-B	6'	6'
PV-WC0814-B	7'	6'	PV-WC1014-B	7'	6'	PV-WC1214-B	7'	6'
PV-WC0815-B	7'	7'	PV-WC1015-B	7'	7'	PV-WC1215-B	7'	7'
PV-WC0816-B	8'	7'	PV-WC1016-B	8'	7'	PV-WC1216-B	8'	7'
PV-WC0817-B	8'	8'	PV-WC1017-B	8'	8'	PV-WC1217-B	8'	8'
PV-WC0818-B	9'	8'	PV-WC1018-B	9'	8'	PV-WC1218-B	9'	8'
PV-WC0819-B	9'	9'	PV-WC1019-B	9'	9'	PV-WC1219-B	9'	9'
PV-WC0820-B	10'	9'	PV-WC1020-B	10'	9'	PV-WC1220-B	10'	9'
PV-WC0821-B	10'	10'	PV-WC1021-B	10'	10'	PV-WC1221-B	10'	10'
PV-WC0822-B	11'	10'	PV-WC1022-B	11'	10'	PV-WC1222-B	11'	10'
PV-WC0823-B	11'	11'	PV-WC1023-B	11'	11'	PV-WC1223-B	11'	11'

STANDARD POST PLATFORM CAPACITY:
 • 4 POST PLATFORMS DESIGNED TO SUPPORT 8,000LB TOTAL EQUIPMENT LOAD.
 • 6 POST PLATFORMS DESIGNED TO SUPPORT 12,000LB TOTAL EQUIPMENT LOAD.
 • EACH ADDITIONAL POST ADDS 2,000LB TOTAL DISTRIBUTED LOAD CAPACITY.
 PV-EQ-JACK-B:
 • CAPACITY
 • 3000LB LIFT
 • 5000LB STATIC
 • IF JACKS ARE TO BE USED, (1) PER COLUMN IS REQUIRED. ADDITIONAL JACKS MAY BE MOUNTED TO THE OUTSIDE OF THE PLATFORM FRAMING AS REQUIRED



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NOTE:
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verizon
 600 HIDDEN RIDGE
 IRVING, TX 75038

4M TOWERS
 7800 WASHINGTON AVENUE, SUITE 700
 HOUSTON, TX 77007

ALLPRO
 CONSULTING GROUP, INC.

9221 Lyndon B Johnson Fwy
 Suite 204, Dallas, TX 75243
 Phone: 972-231-8893 Fax: 866-364-8375
 www.allprocg.com Registration No. 8242

ACGI NO: 25-3461
 DRAWN BY: CG
 CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

STATE OF TEXAS
 SHIQIANG ZHANG
 137482
 LICENSED PROFESSIONAL ENGINEER

ALLPRO CONSULTING GROUP, INC.
 FIRM NO.: F-8242

SITE INFORMATION
4M TOWERS SITE NAME:
 LIBERTY HILL

4M TOWERS SITE #:
 TX-801

VZW SITE NAME:
 SEWARD_JUNCTION_REPL

VZW FUZE ID #:
 17510913

VZW MDG LOCATION ID #:
 5000932524

ADDRESS:
 1007 N US 183 UNIT 100
 LIBERTY HILL, TX
 WILLIAMSON COUNTY

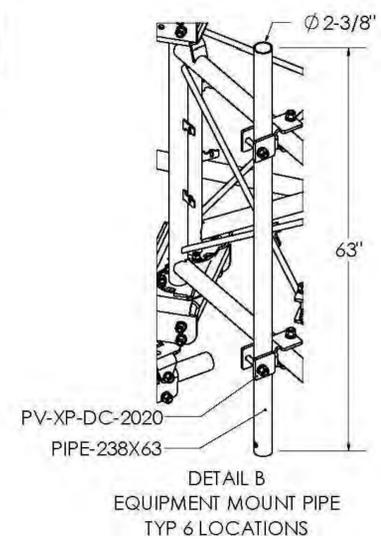
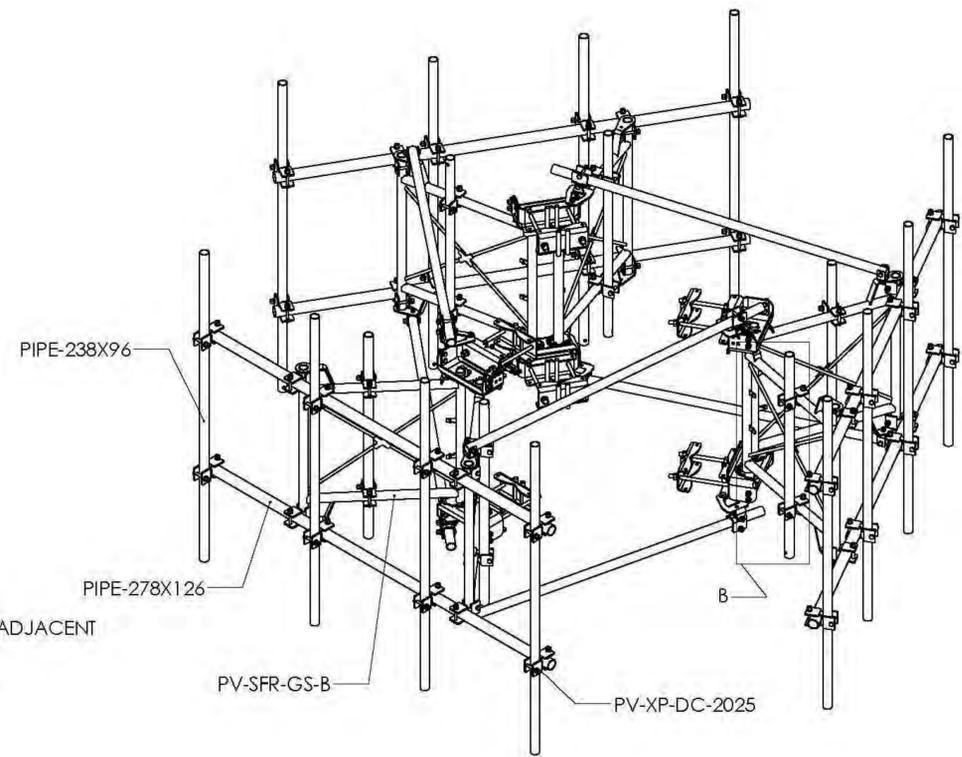
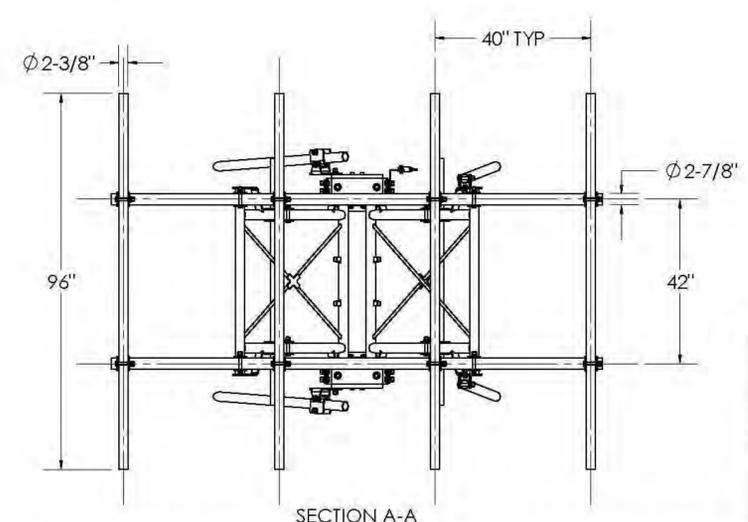
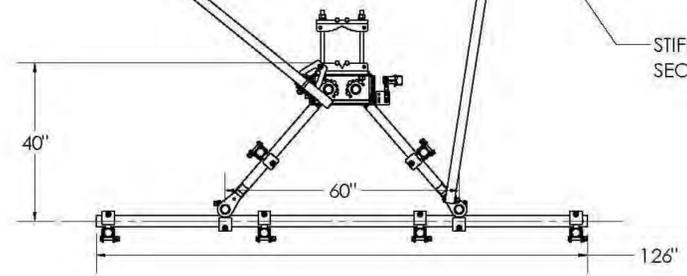
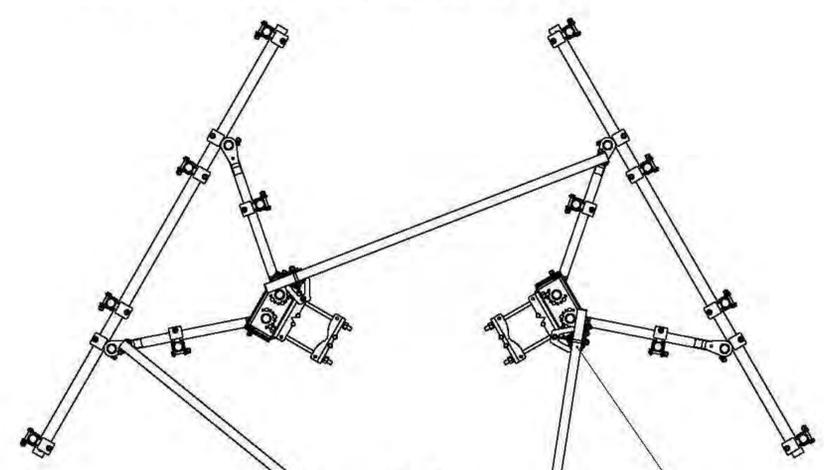
SHEET TITLE:
**AWNING DETAILS -
 DESIGNED BY OTHERS**

SHEET NUMBER:
EQ-5

NOTE:
FOR REFERENCE ONLY.
MOUNT REVIEW BY OTHERS.

PV-SFR-GS3X10-25-EP-AP1 (LATTICE TOWER)
PV-SFRGS-MP10M-25-EP-AP1 (MONOPOLE)

10' 6" FACE SECTOR FRAME, INCLUDED EQUIPMENT MOUNT PIPE



SHEET	THIRD ANGLE PROJECTION	CATEGORY	01_Lattice Tower	4			
1 OF 4		SERIES	01_Sector Frames	3			
7/25/2023	SCALE 1:36	TYPE	PV-SFR-GS_Guardian	2			
DIMENSIONS ARE IN INCHES TOLERANCES U.N.O. HOLES: +1/16", -1/32" ANGULAR: PROFILE ±1/4°, BEND ±2° ALL OTHERS: ±1/16"		BY	DJN	1			
		CHECKED	SJS	0	INITIAL RELEASE	7/24/23	
		STATUS	APPROVED	REV	DESCRIPTION	DATE	
				SECTOR FRAME		DOCUMENT NUMBER	REV
						SFR-ENG-35-R0	0

C:\PVA\Steel\Catalog\SW_Windload_Files\Engineering_Details\

PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PERFECTVISION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PERFECTVISION IS PROHIBITED.

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600 HIDDEN RIDGE
IRVING, TX 75038

4MTOWERS
7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007

ALLPRO
CONSULTING GROUP, INC.

9221 Lyndon B Johnson Fwy
Suite 204, Dallas, TX 75243
Phone: 972-231-8893 Fax: 866-364-8375
www.allprocgi.com Registration No. 8242

ACGI NO: 25-3461
DRAWN BY: CG
CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

02/25/26

ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION
4M TOWERS SITE NAME:
LIBERTY HILL

4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:
MOUNT
SPECIFICATION
SHEET

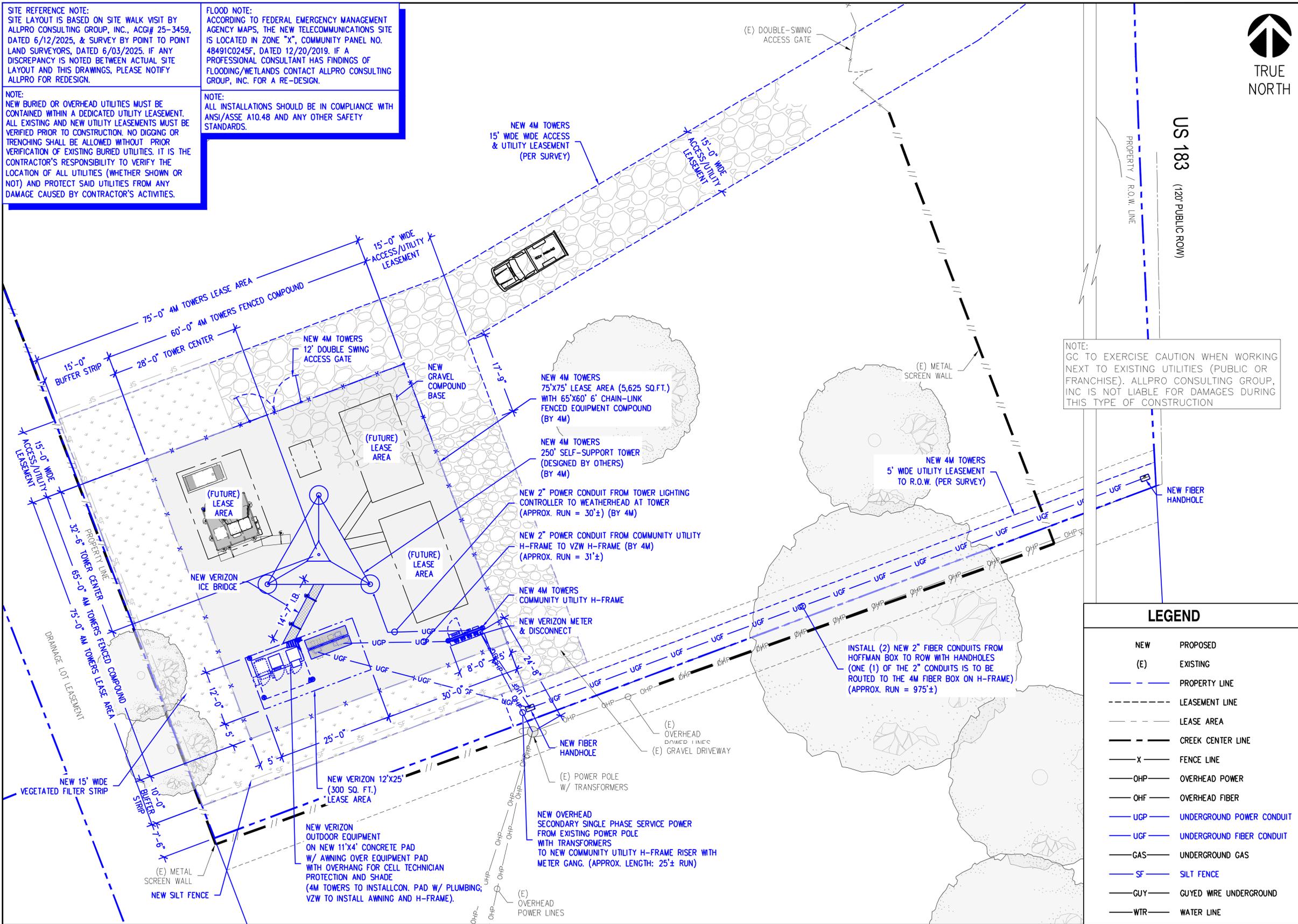
SHEET NUMBER:
EQ-6

SITE REFERENCE NOTE:
 SITE LAYOUT IS BASED ON SITE WALK VISIT BY ALLPRO CONSULTING GROUP, INC., ACG# 25-3459, DATED 6/12/2025, & SURVEY BY POINT TO POINT LAND SURVEYORS, DATED 6/03/2025. IF ANY DISCREPANCY IS NOTED BETWEEN ACTUAL SITE LAYOUT AND THIS DRAWINGS, PLEASE NOTIFY ALLPRO FOR REDESIGN.

FLOOD NOTE:
 ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY MAPS, THE NEW TELECOMMUNICATIONS SITE IS LOCATED IN ZONE "X", COMMUNITY PANEL NO. 48491C0245F, DATED 12/20/2019. IF A PROFESSIONAL CONSULTANT HAS FINDINGS OF FLOODING/WETLANDS CONTACT ALLPRO CONSULTING GROUP, INC. FOR A RE-DESIGN.

NOTE:
 NEW BURIED OR OVERHEAD UTILITIES MUST BE CONTAINED WITHIN A DEDICATED UTILITY LEASEMENT. ALL EXISTING AND NEW UTILITY LEASEMENTS MUST BE VERIFIED PRIOR TO CONSTRUCTION. NO DIGGING OR TRENCHING SHALL BE ALLOWED WITHOUT PRIOR VERIFICATION OF EXISTING BURIED UTILITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE CAUSED BY CONTRACTOR'S ACTIVITIES.

NOTE:
 ALL INSTALLATIONS SHOULD BE IN COMPLIANCE WITH ANSI/ASSE A10.48 AND ANY OTHER SAFETY STANDARDS.



US 183
 (120' PUBLIC ROW)

NOTE:
 GC TO EXERCISE CAUTION WHEN WORKING NEXT TO EXISTING UTILITIES (PUBLIC OR FRANCHISE). ALLPRO CONSULTING GROUP, INC IS NOT LIABLE FOR DAMAGES DURING THIS TYPE OF CONSTRUCTION

LEGEND

- NEW PROPOSED
- (E) EXISTING
- PROPERTY LINE
- - - LEASEMENT LINE
- - - LEASE AREA
- - - CREEK CENTER LINE
- X - FENCE LINE
- OHP - OVERHEAD POWER
- OHF - OVERHEAD FIBER
- UGP - UNDERGROUND POWER CONDUIT
- UGF - UNDERGROUND FIBER CONDUIT
- GAS - UNDERGROUND GAS
- SF - SILT FENCE
- GUY - GUYED WIRE UNDERGROUND
- WTR - WATER LINE

verizon
 600 HIDDEN RIDGE
 IRVING, TX 75038

4M TOWERS
 7800 WASHINGTON AVENUE, SUITE 700
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REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
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7	02/25/26	FINAL CD REVISIONS	DR

STAMP

02/25/26

ALLPRO CONSULTING GROUP, INC.
 FIRM NO.: F-8242

SITE INFORMATION

4M TOWERS SITE NAME:
 LIBERTY HILL

4M TOWERS SITE #:
 TX-801

VZW SITE NAME:
 SEWARD_JUNCTION_REPL

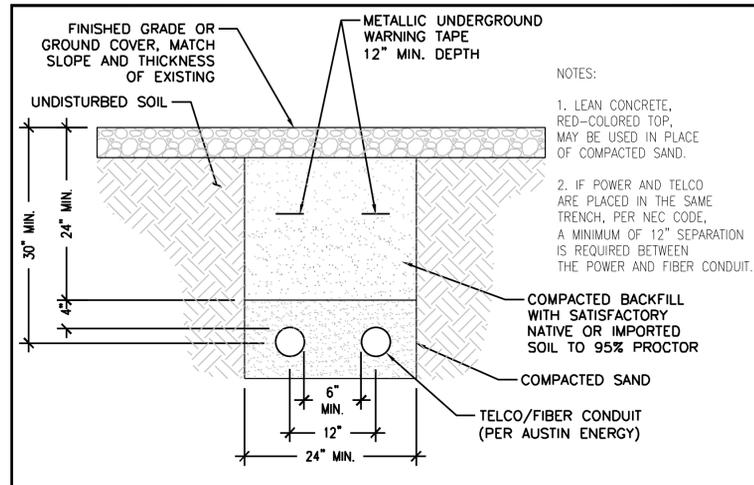
VZW FUZE ID #:
 17510913

VZW MDG LOCATION ID #:
 5000932524

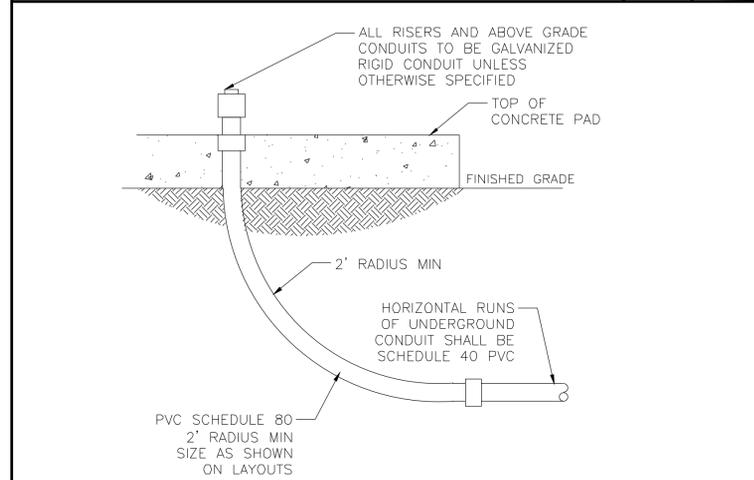
ADDRESS:
 1007 N US 183 UNIT 100
 LIBERTY HILL, TX
 WILLIAMSON COUNTY

SHEET TITLE:
UTILITY ROUTE PLAN

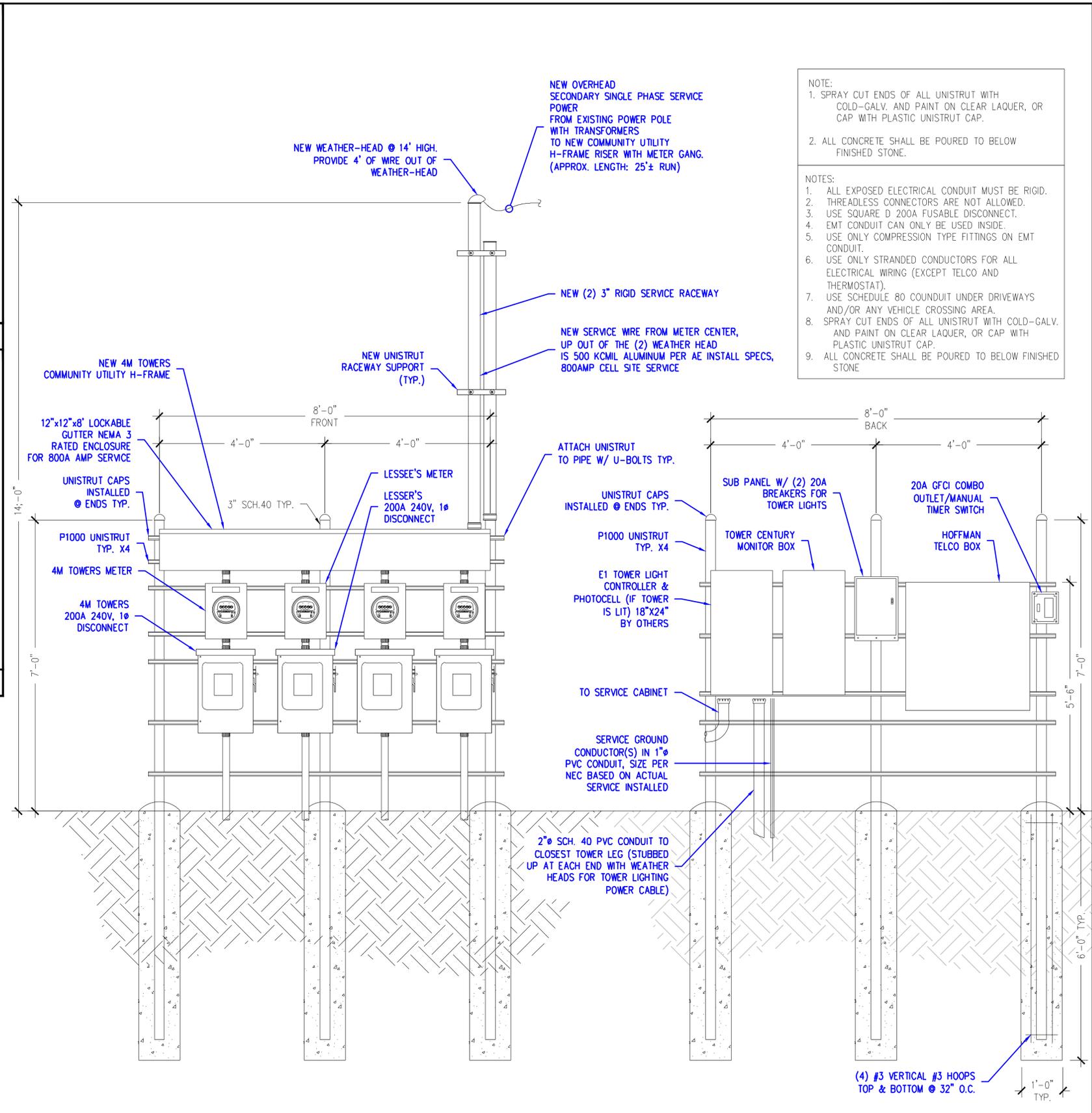
SHEET NUMBER:
E-1



SCALE: NTS 2



SCALE: NTS 3



NOTE:
 1. SPRAY CUT ENDS OF ALL UNISTRUT WITH COLD-GALV. AND PAINT ON CLEAR LAQUER, OR CAP WITH PLASTIC UNISTRUT CAP.
 2. ALL CONCRETE SHALL BE POURED TO BELOW FINISHED STONE.

NOTES:
 1. ALL EXPOSED ELECTRICAL CONDUIT MUST BE RIGID.
 2. THREADLESS CONNECTORS ARE NOT ALLOWED.
 3. USE SQUARE D 200A FUSABLE DISCONNECT.
 4. EMT CONDUIT CAN ONLY BE USED INSIDE.
 5. USE ONLY COMPRESSION TYPE FITTINGS ON EMT CONDUIT.
 6. USE ONLY STRANDED CONDUCTORS FOR ALL ELECTRICAL WIRING (EXCEPT TELCO AND THERMOSTAT).
 7. USE SCHEDULE 80 CONDUIT UNDER DRIVEWAYS AND/OR ANY VEHICLE CROSSING AREA.
 8. SPRAY CUT ENDS OF ALL UNISTRUT WITH COLD-GALV. AND PAINT ON CLEAR LAQUER, OR CAP WITH PLASTIC UNISTRUT CAP.
 9. ALL CONCRETE SHALL BE POURED TO BELOW FINISHED STONE.

SCALE: NTS 1

verizon
 600 HIDDEN RIDGE
 IRVING, TX 75038

4MTOWERS
 7800 WASHINGTON AVENUE, SUITE 700
 HOUSTON, TX 77007

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ACGI NO: 25-3461
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 CHECKED BY: SZ

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REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

STAMP

02/25/26

STATE OF TEXAS
 SHIQIANG ZHANG
 137482
 LICENSED PROFESSIONAL ENGINEER

ALLPRO CONSULTING GROUP, INC.
 FIRM NO.: F-8242

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VZW SITE NAME:
 SEWARD_JUNCTION_REPL

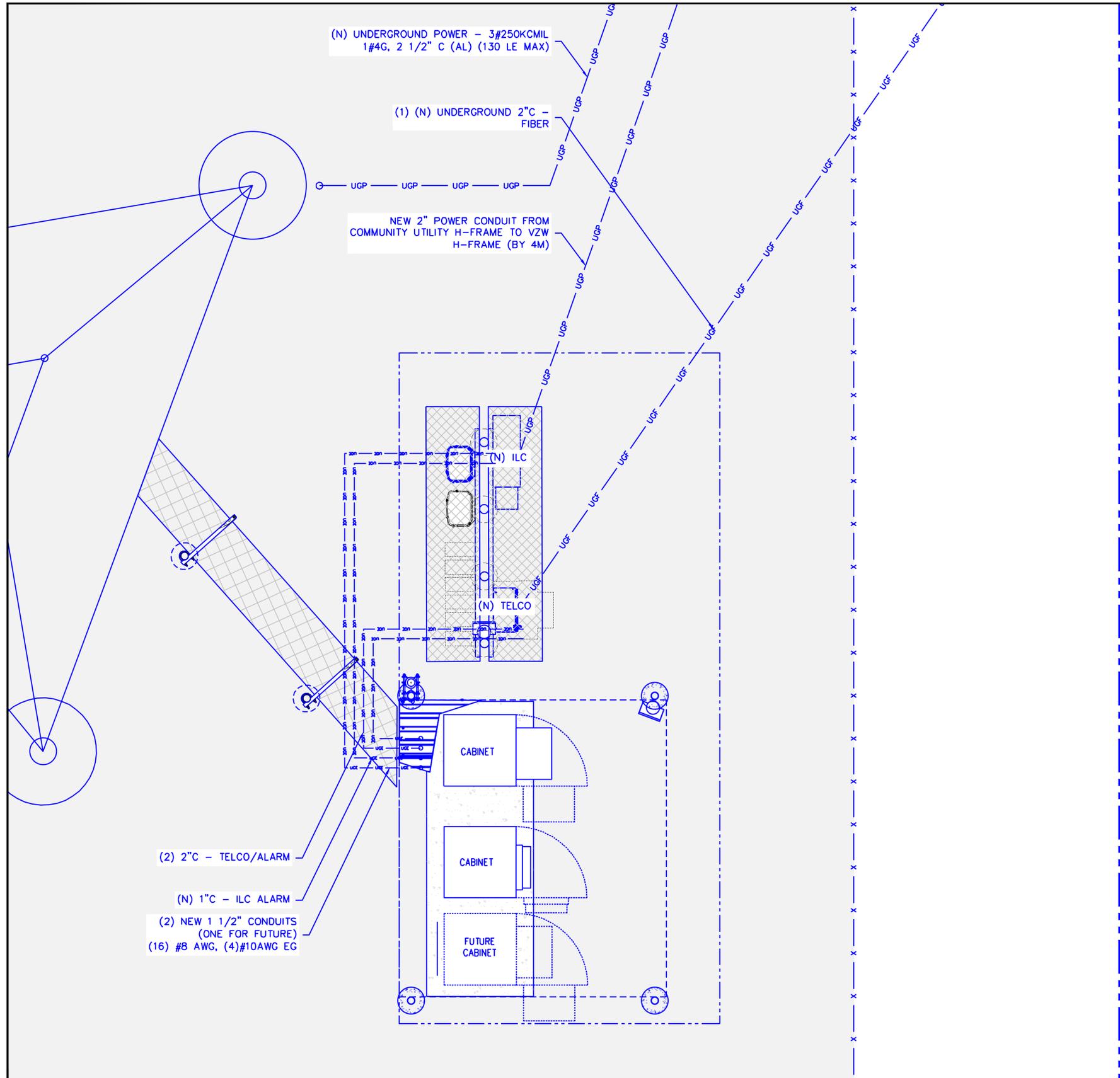
VZW FUZE ID #:
 17510913

VZW MDG LOCATION ID #:
 5000932524

ADDRESS:
 1007 N US 183 UNIT 100
 LIBERTY HILL, TX
 WILLIAMSON COUNTY

SHEET TITLE:
COMMUNITY RACK DETAILS

SHEET NUMBER:
E-2



NOTE:
CONTINUATION OF ALL CABLING TO EQUIPMENT CABINETS IS NOT SHOWN DUE TO VARIABLE SITE REQUIREMENTS AND SEQUENCING OF CONSTRUCTION WITHIN EACH COMPOUND, THIS CONTRACTOR SHALL EXTEND ALL CABLING TO EQUIPMENT CABINETS IN THE MOST DIRECT ROUTE IN EITHER RIGID OR FLEXIBLE CONDUITS, ALL AS PER APPLICABLE CODES.

NOTE: FOR REFERENCE ONLY
TYPICAL CONDUIT DIAGRAM, ADJUST ACCORDINGLY OR MIRROR IF NEEDED PER SITE

NOTE:
ALL CONDUITS SHALL BE PROVIDED WITH PULL WIRES.

NOTE: FOR REFERENCE ONLY
TYPICAL METER CENTER - TYPE MIGHT VARY FROM SITE TO SITE

NOTE: FOR REFERENCE ONLY
TYPICAL METER CENTER - TYPE MIGHT VARY FROM SITE TO SITE

NOTE:
ALL CONDUITS SHALL BE PROVIDED WITH PULL WIRES.

LEGEND

- ELECTRICAL METER
- J-BOX/PULL BOX
- DUPLEX RECEPTACLE
- DISCONNECT, AMPS, FUSED OR NON-FUSED AS NOTED
- ATS AUTOMATIC TRANSFER SWITCH
- SPD SURGE PROTECTION DEVICE
- UNDERGROUND CONDUIT
- ABOVE GROUND CONDUIT
- OHT OVERHEAD TELEPHONE
- OHE OVERHEAD ELECTRICAL
- UGE UNDERGROUND ELECTRICAL; SIZE AS SHOWN
- UGT UNDERGROUND TELEPHONE; SIZE AS SHOWN
- UGF UNDERGROUND FIBER; SIZE AS SHOWN
- (N) NEW
- (E) EXISTING
- (F) FUTURE
- KEYED NOTE - NUMBER AS NOTED
- G GROUND
- EP EMERGENCY POWER
- P POWER
- T TELCO

SCALE: 1/2" = 1'-0" (24x36)
(OR) 1/4" = 1'-0" (11x17)

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Phone: 972-231-8893 Fax: 866-364-8375
www.allprocg.com Registration No. 8242

ACGI NO: 25-3461
DRAWN BY: CG
CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

02/25/26

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FIRM NO.: F-8242

SITE INFORMATION
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4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

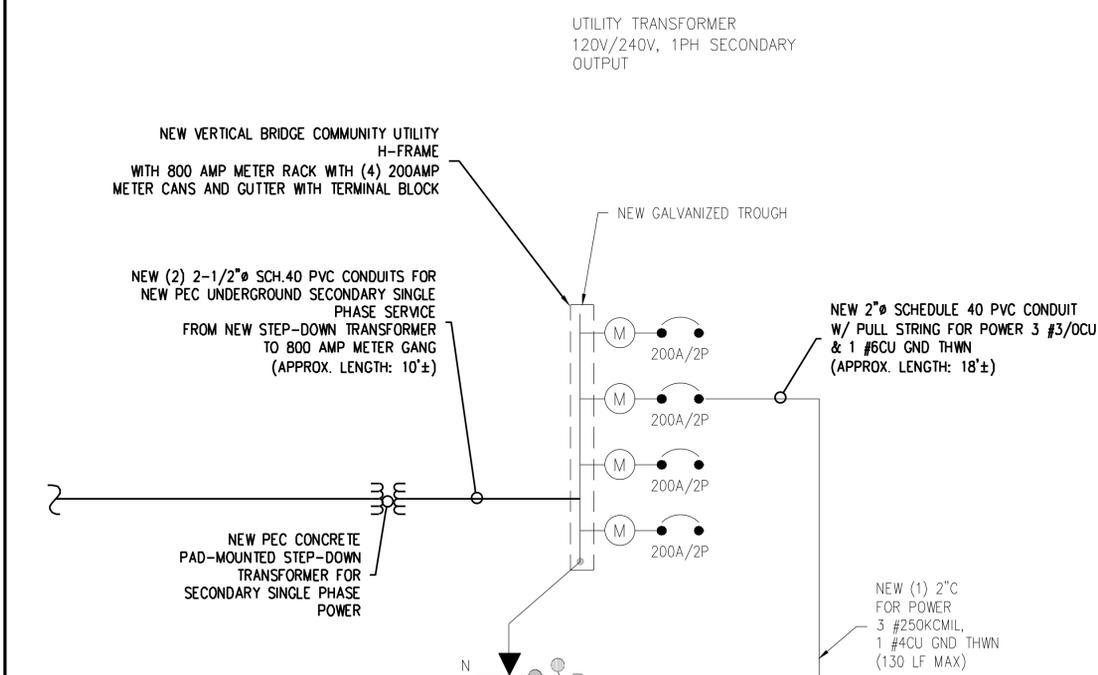
SHEET TITLE:
**EQUIPMENT CONDUIT
PROPOSED ROUTING**

SHEET NUMBER:
E-3

PANEL DESIGNATION	Verizon	TYPE	LIGHTING & APPLIANCE	SYSTEM:	120/240V, 3W, 30 CKT	LOCATION:	VERIZON LEASE AREA
		MOUNTING:	SURFACE	MAIN BREAKER (MB):	MLO		
		ENCLOSURE:	NEMA 3R	MAIN BUS RATING:	200A	PANEL NOTES:	ASCO D300L SERIES
				MIN. A.I.C. RATING:	65K		

CONNECTED LOAD (KVA)		BRIEF DESCRIPTION	FEEDER OR BRANCH CIRCUIT				FEEDER OR BRANCH CIRCUIT				CONNECTED LOAD (KVA)	
A	B		BREAKER		POLE NO.	CIRCUIT NOTES	POLE NO.	BREAKER		A	B	
		AMPS	POLES							AMPS		
2.88		RECTIFIER	30	2	1		2			0.00		
	2.88				3		4				0.00	
2.88		RECTIFIER	30	2	5		6			0.00		
	2.88				7		8				0.00	
2.88		RECTIFIER	30	2	9		10			0.00		
	2.88				11		12				0.00	
2.88		(FUTURE) RECTIFIER	30	2	13		14			0.00		
	2.88				15		16				0.00	
0.68		GFI RECEPT / LIGHT	20	1	17		18			0.00		
	1.92	GEN BLOCK HEATER	20	1	19		20			0.00	0.00	
	1.92	BATTERY CHARGER	20	1	21		22			0.00		
	0.00	SPACE			23		24			0.00		
	0.00	SPACE			25		26			0.00		
	0.00	SPACE			27		28			0.00	0.00	
	0.00	SPACE			29		30			0.00		
14.1	13.4									0.0	0.0	
										CONNE CONNECTED LOAD (KVA)		
										DEMAND DEMAND LOAD (KVA)		
										DERATING FACTOR (80%)		
										DEMANDLOAD SIZING: 147 AMPS		

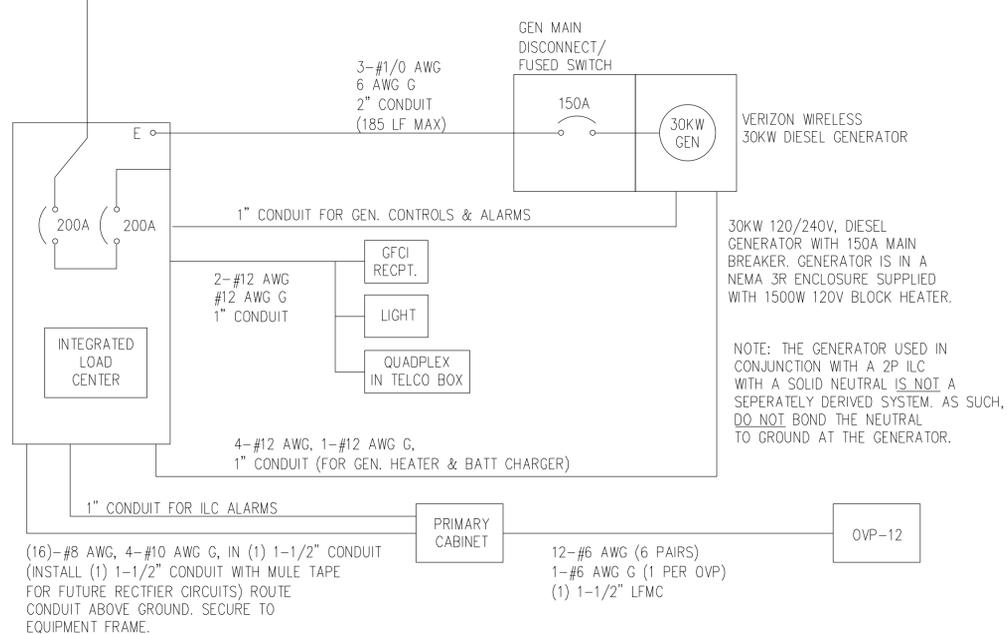
PANEL SCHEDULE



- NOTES:
- CONTRACTOR IS TO FIELD VERIFY ALL EXISTING ITEMS SHOWN ON THE ELECTRICAL ONE-LINE DIAGRAM AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
 - ALL NEW CONDUCTOR WIRE TO BE INSTALLED SHALL BE COPPER. ALL WIRE LARGER THAN #10 SHALL BE THWN-2, THW-2, RHW-2, OR XHHW-2 WIRE UNLESS NOTED OTHERWISE.
 - ALL GROUNDING AND BONDING TO BE PER THE RECOGNIZED EDITION OF THE NATIONAL ELECTRIC CODE (NEC)

ELECTRICAL SINGLE LINE DIAGRAM

- NOTES:
- ALL EQUIPMENT SHALL BE NEMA 3R RATED.
 - ALL EQUIPMENT SHALL BE LIGHTNING PROTECTED IN ACCORDANCE WITH TIA-222-G AND VERIZON WIRELESS STANDARDS.
 - CONDUCTOR SIZES AND DISTANCES HAVE BEEN SIZED FOR 3% MAX VOLTAGE DROP (TOTAL SYSTEM VOLTAGE DROP ON BOTH FEEDERS AND BRANCH CIRCUITS TO THE FARTHEST DEMAND SHALL NOT EXCEED 5%). BELOW GRADE CONDUIT SHALL BE SCHEDULE 40 PVC. ABOVE GRADE CONDUIT SHALL BE GALVANIZED RIGID CONDUIT. BELOW GRADE PVC CONDUIT SHALL TRANSITION TO GRC PRIOR TO RISING ABOVE GRADE. ALL BENDS SHALL HAVE A MINIMUM 24" RADIUS. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT. VERIFY CONDUIT TYPE WITH LOCAL CONSTRUCTION MANAGER AND ADJUST IF NECESSARY. ALL CONDUIT SHALL MEET NEC, STATE, AND LOCAL CODE REQUIREMENTS AS REQUIRED.



- NOTES:
- ALL CONDUCTORS ARE TYPE THWN (75°C) COPPER.
 - MAXIMUM LENGTH OF RUN FOR RECTIFIER CIRCUITS IS 50FT.
 - ASCO INTEGRATED LOAD CENTER INCLUDES 200 AMP MAIN DISCONNECT AND TRANSFER SWITCH FOR PORTABLE OR PERMANENT GENERATOR.
 - RECTIFIER LOADS ARE CONSIDERED TO BE NON-CONTINUOUS.
 - IF ADDITIONAL FUTURE LOADS ARE ADDED WHICH CAUSE TOTAL DEMAND TO EXCEED GENERATOR BREAKER SIZE, BACKUP POWER SYSTEM SHALL BE EVALUATED AND UPGRADED AS NECESSARY.

ELECTRICAL MATERIAL AND EQUIPMENT NO ELECTRICAL MATERIALS, APPARATUS, DEVICES, APPLIANCES, FIXTURES, OR EQUIPMENT SHALL BE SOLD OR INSTALLED IN THE CITY UNLESS THEY ARE IN CONFORMANCE WITH THE PROVISIONS OF THIS CODE, THE LAWS OF THE STATE OF TEXAS AND ANY APPLICABLE RULES AND REGULATIONS ISSUED UNDER THE AUTHORITY OF THE STATE STATUTES. THE MAKER'S NAME, TRADEMARK, OR OTHER IDENTIFICATION SYMBOL SHALL BE PLACED ON ALL ELECTRICAL MATERIALS, APPARATUS, DEVICES, APPLIANCES, FIXTURES, AND EQUIPMENT USED OR INSTALLED UNDER THE PROVISIONS OF THIS CODE. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE LISTED AND LABELED FOR THE INTENDED USE AND SHALL BE INCLUDED IN A LIST PUBLISHED BY AN APPROVED AGENCY.

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7	02/25/26	FINAL CD REVISIONS	DR

STAMP

02/25/26

STATE OF TEXAS
SHIQIANG ZHANG
137482
LICENSED PROFESSIONAL ENGINEER

ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION

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TX-801

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VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:
ELECTRICAL ONE-LINE DIAGRAM

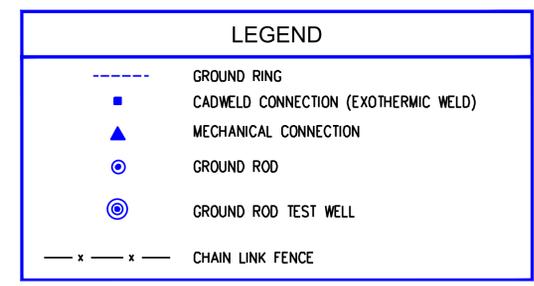
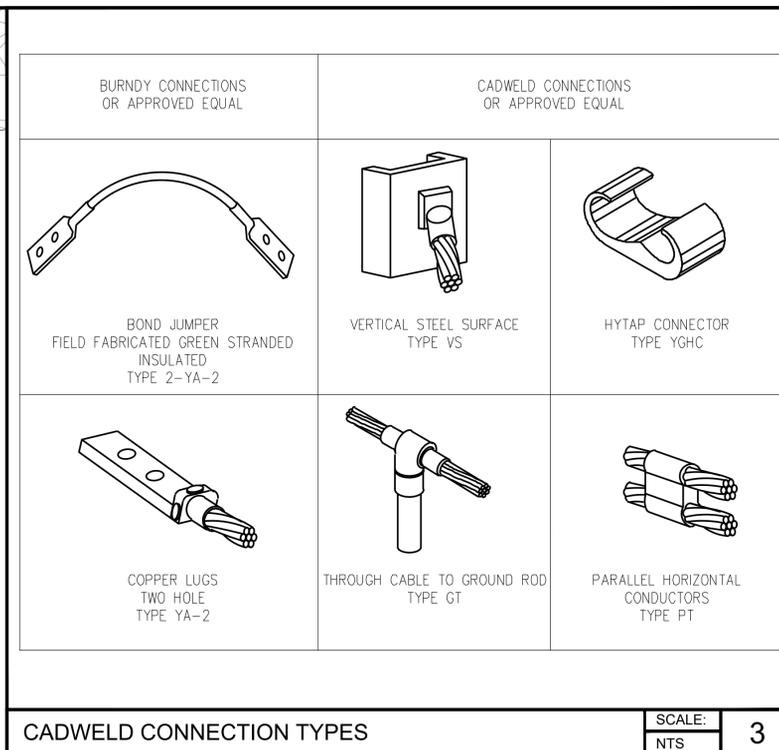
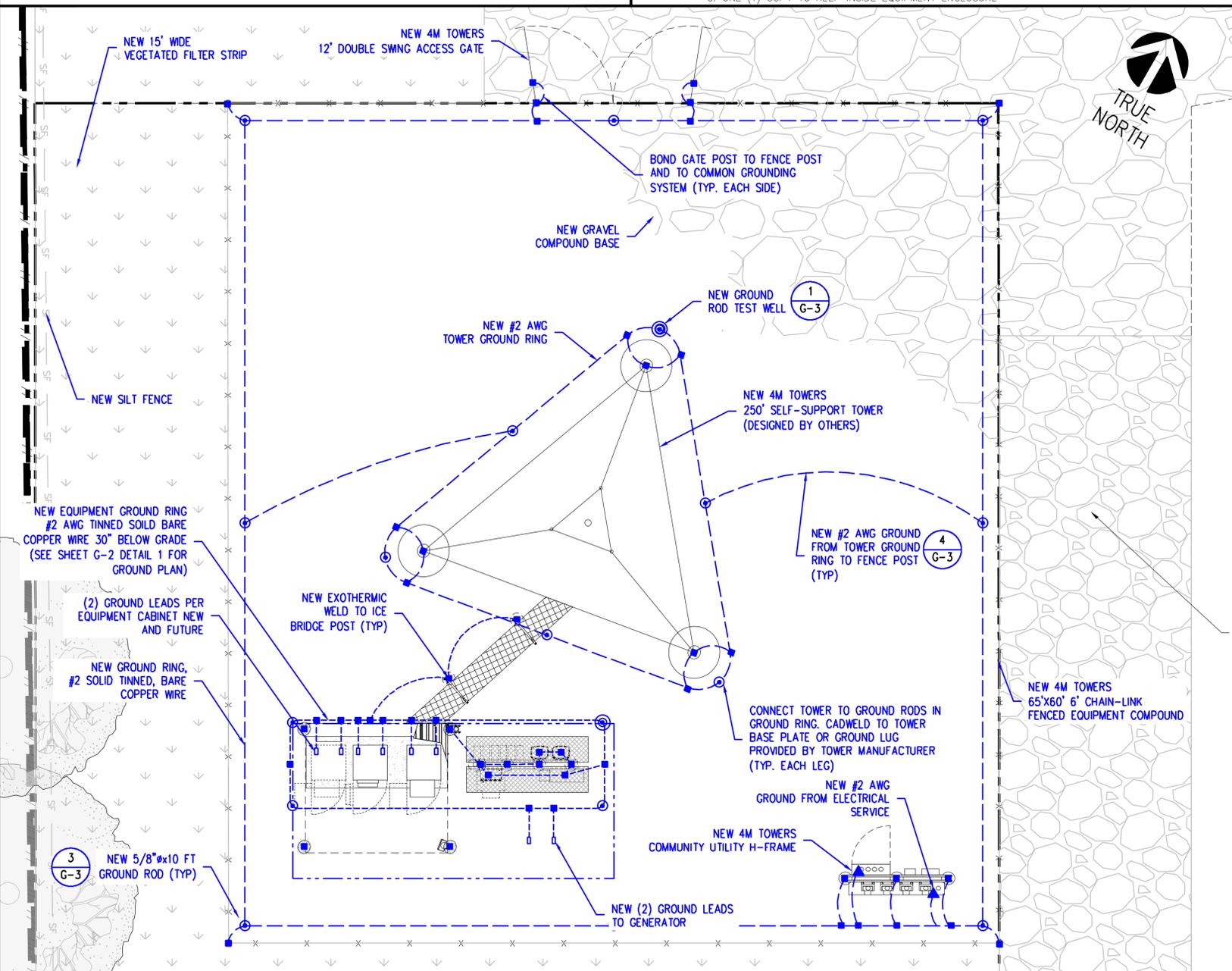
SHEET NUMBER:
E-4

GENERAL GROUNDING NOTES

- GROUNDING SHALL COMPLY WITH NEC, VERIZON AND NSN STANDARDS. ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
- GROUND ALL ANTENNA BASES, FRAMES, CABLE RUNS AND OTHER METALLIC COMPONENTS USING GROUND WIRES AND CONNECT TO SURFACE MOUNTED BUS BARS. FOLLOW ANTENNA AND BTS MANUFACTURE PRACTICES FOR GROUNDING REQUIREMENTS. GROUND COAX SHIELD AT BOTH ENDS AND EXIT FROM TOWER OR POLES USING MFR'S PRACTICES.
- ALL GROUND CONNECTIONS SHALL BE CADWELD. ALL WIRES SHALL BE COPPER THHN/THWN/ ALL GROUND WIRE SHALL BE GREEN INSULATED WIRE ABOVE GROUND. CONTRACTOR TO VERIFY AND TEST GROUND TO SOURCE GROUNDING AND OTHER OPERATIONAL TESTING WILL BE WITNESSED BY CARRIER REPRESENTATIVE.
- REFER TO DIVISION 16 GENERAL ELECTRIC; GENERAL ELECTRICAL PROVISION AND COMPLY WITH ALL REQUIREMENTS OF GROUNDING STANDARDS.
- ELECTRICAL CONTRACTOR TO PROVIDE DETAILED DESIGN OF GROUNDING SYSTEM, AND RECEIVE APPROVAL OF DESIGN BY AUTHORIZED CARRIER REPRESENTATIVE, PRIOR TO INSTALLATION OF GROUNDING SYSTEM. PHOTO DOCUMENT ALL CADWELDS AND GROUND RING.
- NOTIFY CONSTRUCTION MANAGER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.
- TO AVOID TOWER FOUNDATION, GROUND RODS MAY BE INSTALLED AT AN ANGLE OR TOWER GROUND RING MAY BE EXTENDED AS NEEDED.
- COORDINATE WITH LANDOWNER FOR REQUIRED RESISTANCE IN OHMS TO REMOTE EARTH.

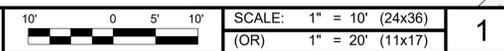
GROUNDING ELECTRODE SYSTEM

- CONNECTIONS
ALL GROUNDING CONNECTIONS SHALL BE MADE BY THE "CADWELD" PROCESS CONNECTIONS SHALL INCLUDE ALL CABLE TO CABLE, SPLICES, ETC. ALL CABLE TO GROUND RODS, GROUND RODS SPLICES AND LIGHTNING PROTECTION SYSTEM AS INDICATED. GROUND FOUNDATION ONLY AS INDICATED BY PM. ALL MATERIALS USED (MOLDS, WELDING, METAL, TOOLS, ETC.) SHALL BE "CADWELD" PROCESS AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES. GROUND CONDUCTOR SHALL HAVE A MINIMUM 24" BENDING RADIUS.
- ALL CADWELD CONNECTIONS ON GALVANIZED SURFACES SHALL BE CLEANED THOROUGHLY AND COLORED TO MATCH SURFACE WITH (2) TWO COATS OF SHERWIN-WILLIAMS GALVITE (WHITE) PAINT B50W3 (OR EQUAL) OR SHERWIN-WILLIAMS SILVERBRITE (ALUMINUM) B59S11 (OR EQUAL).
- ALL ELECTRICAL & MECHANICAL GROUND CONNECTIONS SHALL HAVE ANTIOXIDANT COMPOUND APPLIED TO CONNECTION.
- FENCE / GATE:
GROUND FENCE POSTS WITHIN 6 FEET OF ENCLOSURE AND 25 FEET OF TOWER AS INDICATED ON DRAWINGS. GROUND ALTERNATING GATE POSTS AND ALL CORNER POSTS. GROUND CONNECTIONS TO FENCE POSTS SHALL BE MADE BY THE "CADWELD" PROCESS AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES. ALL OTHER CONNECTIONS FOR THE GROUND GRID SYSTEM SHALL BE MADE BY THE "CADWELD" PROCESS, AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES.
- AUSTIN ENERGY COORDINATION:
ELECTRICAL CONTRACTOR SHALL CONFIRM THAT ALL WORK IS IN ACCORDANCE WITH THE RULES OF THE LOCAL AUSTIN ENERGY BEFORE SUBMITTING THE BID, THE CONTRACTOR SHALL CHECK WITH THE UTILITY COMPANIES SUPPLYING SERVICE TO THIS PROJECT AND SHALL DETERMINE FROM THEM ALL EQUIPMENT AND CHARGES WHICH THEY WILL REQUIRE AND SHALL INCLUDE THE COST IN THE BID.
- GROUND TESTS:
GROUND TESTS SHALL BE PERFORMED AS REQUIRED BY LESSEE STANDARD PROCEDURES. GROUND GRID RESISTANCE SHALL NOT EXCEED 5-OHMS.
CONTRACTOR SHALL SUBMIT THE GROUND RESISTANCE TEST REPORT AS FOLLOWS:
 - ONE (1) COPY TO OWNER REPRESENTATIVE
 - ONE (1) COPY TO ENGINEER
 - ONE (1) COPY TO KEEP INSIDE EQUIPMENT ENCLOSURE



NOTE:
ALL GROUND RINGS TO BE
DONE BY 4M TOWERS.

GROUNDING PLAN



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7	02/25/26	FINAL CD REVISIONS	DR

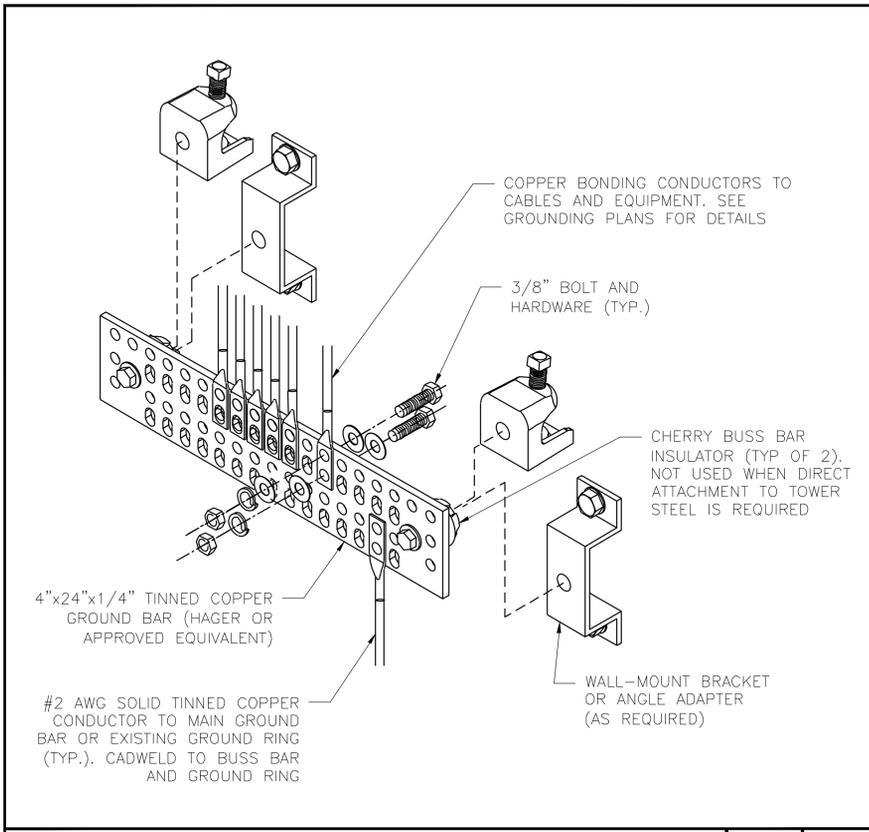


ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

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4M TOWERS SITE #:
TX-801
VZW SITE NAME:
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VZW FUZE ID #:
17510913
VZW MDG LOCATION ID #:
5000932524
ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

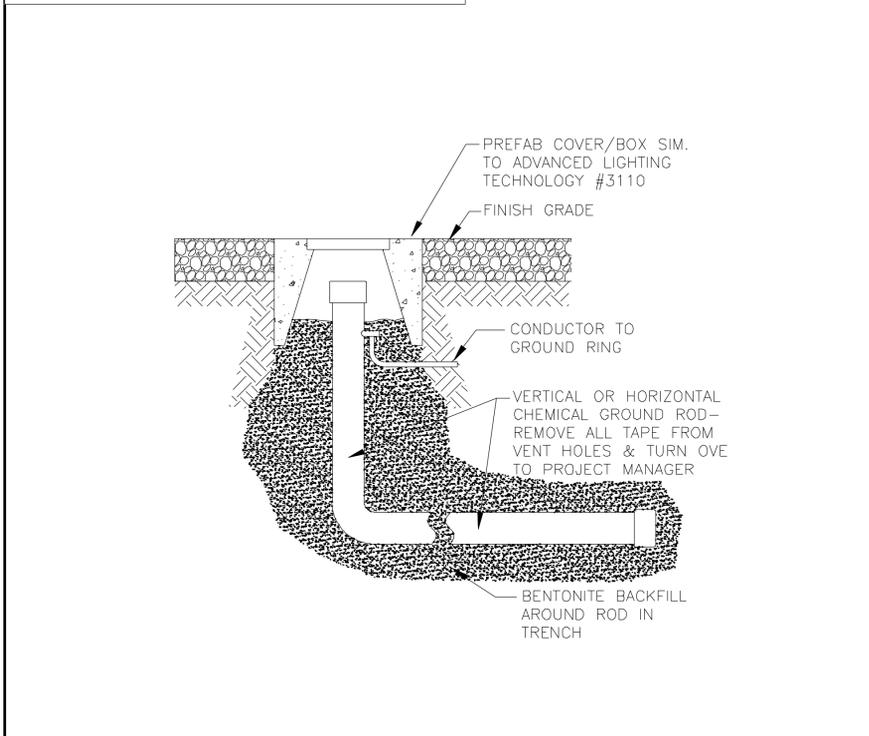
SHEET TITLE:
GROUNDING PLAN

SHEET NUMBER:
G-1

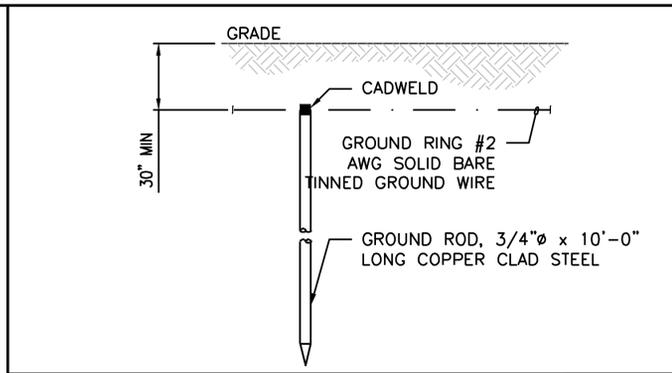


GROUND BAR DETAIL SCALE: NTS 6

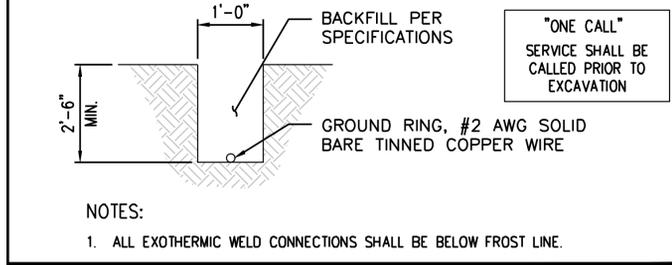
NOTE: PROVIDE CHEMICAL GROUND RODS WHEN DRIVEN RODS ARE NOT PRACTICAL OR WHERE A STANDARD 5 OHMS RESISTANCE CANNOT BE OBTAINED AT THE SITE. LOCATION SHALL BE DETERMINED ON SITE BY PROJECT MANAGER.



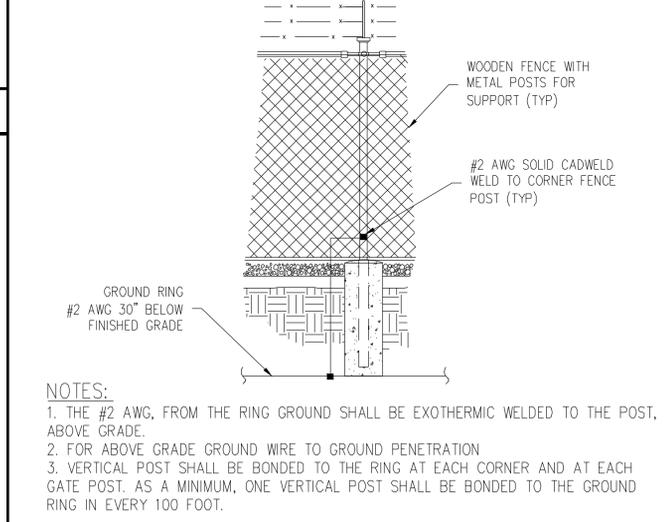
CHEMICAL GROUND ROD INSPECTION WELL DETAIL SCALE: NTS 7



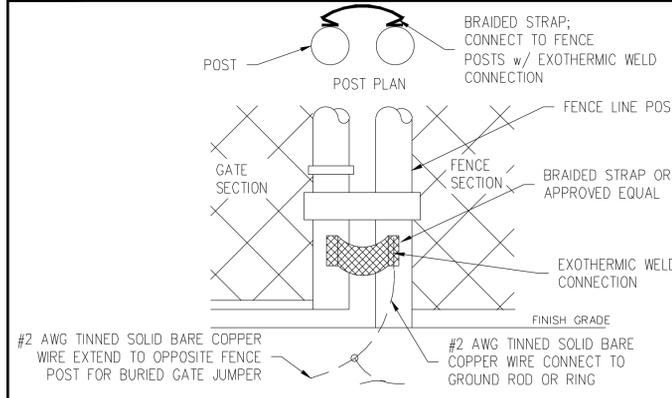
GROUND ROD DETAIL SCALE: NTS 3



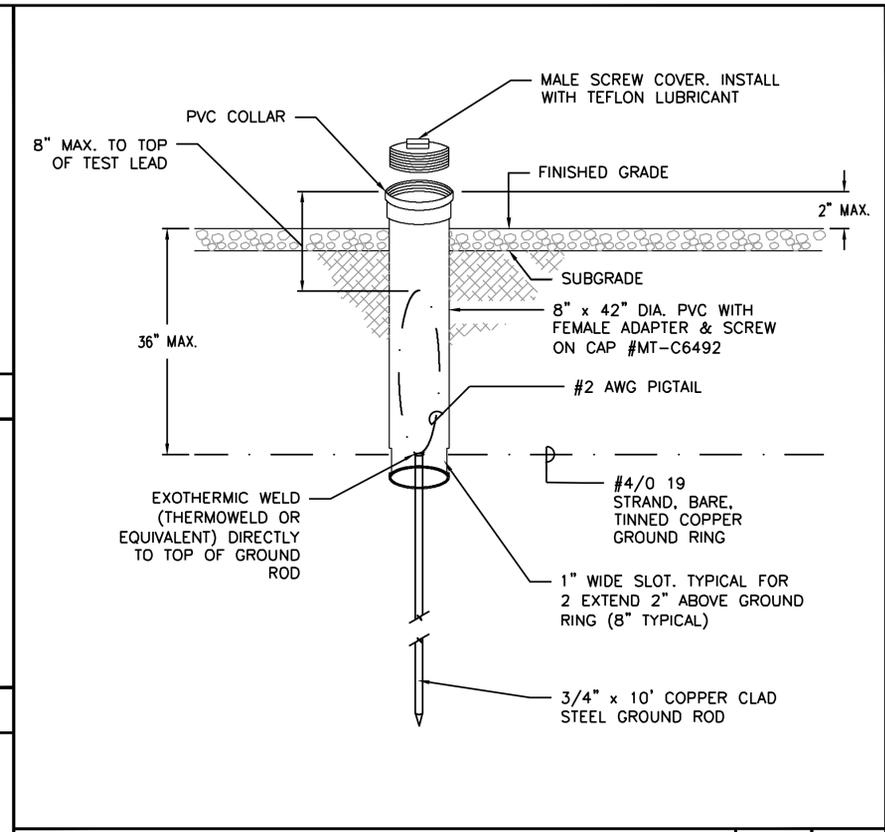
GROUND RING TRENCH DETAIL SCALE: NTS 4



FENCE POST GROUNDING SCALE: NTS 5

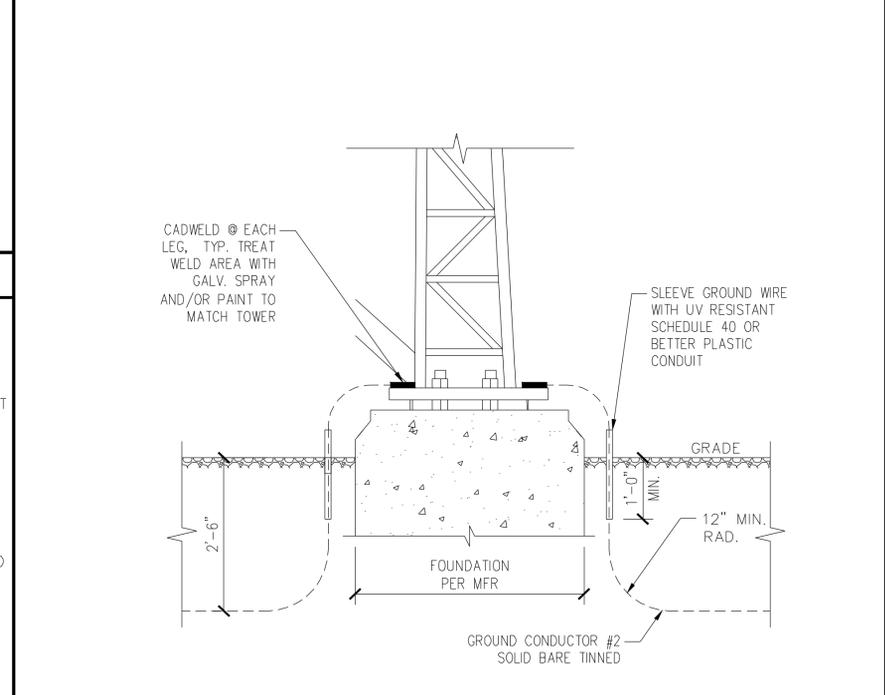


CHAIN LINK GATE SWING GROUNDING SCALE: NTS 8



INSPECTION WELL DETAIL SCALE: NTS 1

NOTE: EACH GROUND LEAD IS TO HAVE AN INDEPENDENT SWEEP CONNECTION FROM THE TOWER LEG TO THE GROUND RING.



TOWER BASE GROUNDING SCALE: NTS 2

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02/25/26

SHIQIANG ZHANG
137482
LICENSED PROFESSIONAL ENGINEER

ALLPRO CONSULTING GROUP, INC.
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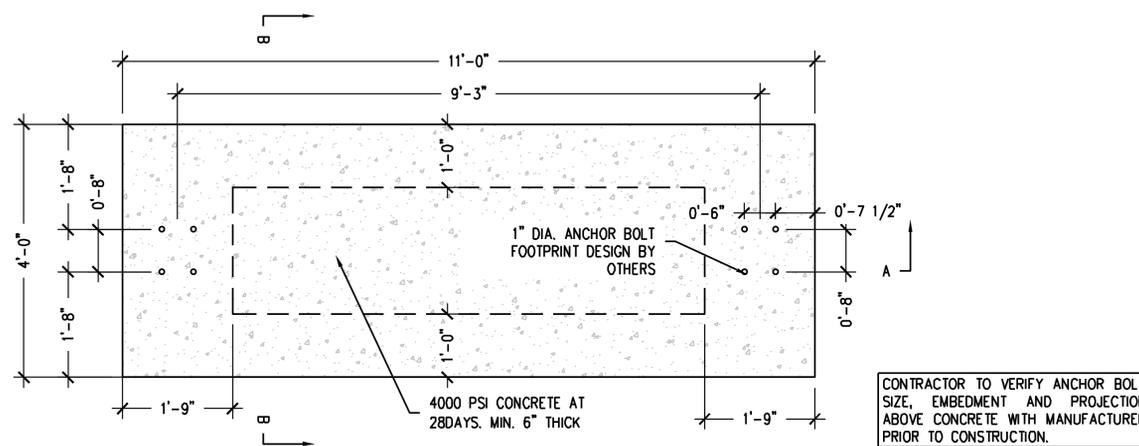
SHEET TITLE:
GROUNDING DETAILS

SHEET NUMBER:
G-2

DESIGN CONSIDERATIONS	
BASIC WIND SPEED (MPH)	115
EXPOSURE	C
SOIL TYPE(PRESUMPTIVE SOILS TYPE AS PER IBC TABLE 1806.2)	CLASS 5 (CLAY)
MINIMUM ALLOWABLE BEARING CAPACITY (PSF)	1500
MINIMUM ALLOWABLE LATERAL BEARING RESISTANCE (PSF/FT)	100
MINIMUM COHESION (PSF)	-

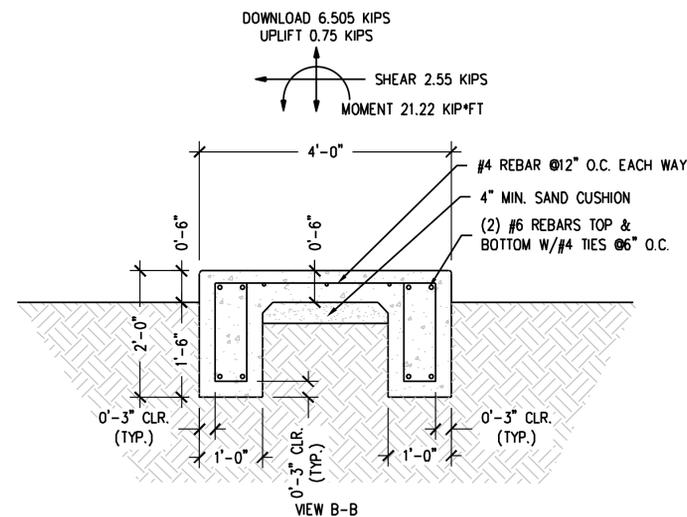
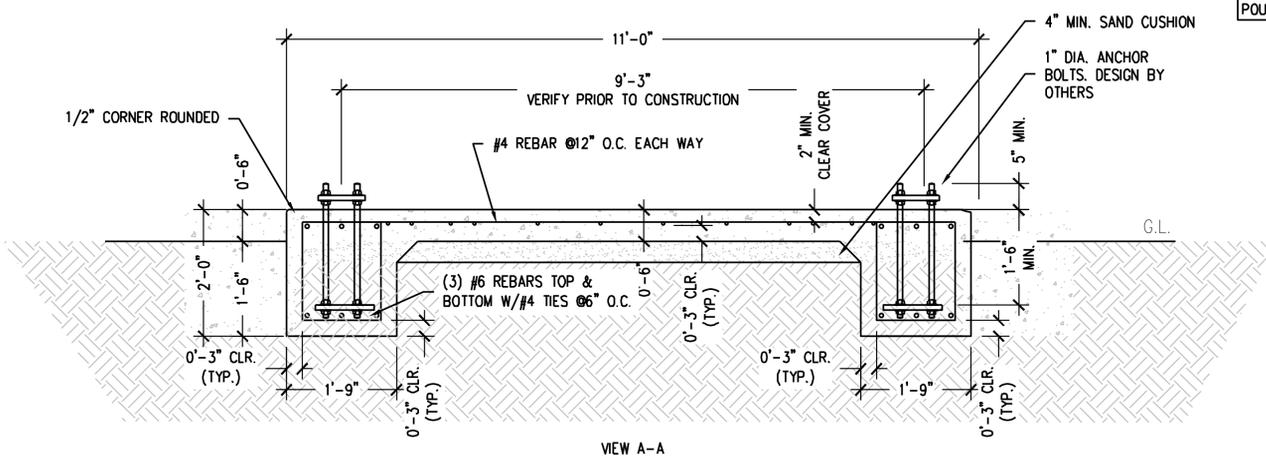
FOUNDATION NOTES:

- CANOPY DESIGN AND DRAWING BY OTHERS.
- SOIL DATA AS PER IBC TABLE 1806.2 (PRESUMPTIVE SOIL VALUES). ALLOWABLE SOIL BEARING PRESSURE SHALL BE 1500 PSF MINIMUM. IF DIFFERENT, PLEASE NOTIFY ALLPRO CONSULTING GROUP, INC FOR A REDESIGN.
- COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 4000-PSI AT 28-DAY CURE, AND SHALL MEET SPECIFICATION FOR READY-MIXED CONCRETE (ASTM C94-96). CONCRETE SHALL BE PLACED AND CURED AS PER ACI-318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
- CONCRETE SLUMP SHALL RANGE BETWEEN 4 INCHES TO 6 INCHES.
- ALL CONCRETE WORK SHALL CONFORM TO ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
- THE SURFACE, OVER WHICH THE CONCRETE WILL BE POURED, SHALL BE CLEAN OF LOOSE MATERIAL AND LEVELED PRIOR TO CONCRETE PLACEMENT.
- CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS AND OTHER OCCURRENCES THAT MAY DECREASE THE STRENGTH OR DURABILITY OF THE FOUNDATION.
- MECHANICALLY VIBRATE CONCRETE, PARTICULARLY WHEN POURED IN DIFFERENT LIFTS, TO ENSURE CONSOLIDATION AND TO AVOID JOINTS.
- ALL REINFORCING STEEL BARS SHALL BE DOMESTIC, NEW BILLET STEEL, ASTM A-615, GRADE 60. REINFORCING SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH ACI 315-LATEST EDITION - "MANUAL OF STANDARD FOR DETAILING REINFORCED CONCRETE".
- ALL LOAD BEARING FOOTING SHALL BEAR ON TOP OF COMPACTED SOIL.
- WELDING OF REINFORCING BARS AND DOWEL BARS IS PROHIBITED UNLESS OTHERWISE APPROVED BY ENGINEER.
- PRIOR TO THE EXCAVATION, CHECK AREA FOR LOCATION OF UNDERGROUND PIPES, CABLES, ETC.



CONTRACTOR TO VERIFY ANCHOR BOLT SIZE, EMBEDMENT AND PROJECTION ABOVE CONCRETE WITH MANUFACTURER PRIOR TO CONSTRUCTION.

GC TO VERIFY ANCHOR BOLT LOCATIONS PRIOR TO POURING CONCRETE.



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WILLIAMSON COUNTY

SHEET TITLE:
VERIZON EQUIPMENT FOUNDATION DETAILS

SHEET NUMBER:
S-1

GENERAL

- 1. THE CONSTRUCTION DOCUMENT DRAWINGS ARE INTERRELATED. WHEN PERFORMING THE WORK, EACH CONTRACTOR MUST REFER TO ALL DRAWINGS. COORDINATION IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- 2. CONSTRUCTION DRAWINGS TO OVERRIDE SPECIFICATIONS ON THE ITEMS OF CONFLICT BETWEEN THE TWO

SITE WORK

SECTION – EARTHWORK AND DRAINAGE

PART 1 – GENERAL

- 1. WORK INCLUDED: SEE SITE PLAN.
- 2. DESCRIPTIONS
 - ACCESS DRIVE W/ TURNAROUND AREA, LEASE AREA, AND IF APPLICABLE UNDERGROUND UTILITY LEASEMENTS ARE TO BE CONSTRUCTED TO PROVIDE A WELL DRAINED, EASILY MAINTAINED, EVEN SURFACE FOR MATERIAL AND EQUIPMENT DELIVERIES AND MAINTENANCE PERSONNEL ACCESS.
- 3. QUALITY ASSURANCE
 - A. APPLY SOIL STERILIZER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS (AS NEEDED).
 - B. APPLY AND MAINTAIN GRASS SEED AS RECOMMENDED BY THE SEED PRODUCER (IF REQUIRED).
 - C. PLACE AND MAINTAIN VEGETATION LANDSCAPING, IF INCLUDED WITHIN THE CONTRACT, AS RECOMMENDED BY NURSERY INDUSTRY STANDARDS.
- 4. SEQUENCING
 - A. CONFIRM SURVEY STAKES AND SET ELEVATION STAKES PRIOR TO ANY CONSTRUCTION.
 - B. COMPLETELY GRUB THE ACCESS DRIVE W/TURNABOUT, UNDERGROUND UTILITY LEASEMENTS, (IF APPLICABLE) AND LICENSE AREA PRIOR TO FOUNDATION CONSTRUCTION, PLACEMENT OF BACKFILL AND SUB-BASE MATERIAL.
 - C. CONSTRUCT TEMPORARY CONSTRUCTION AREA ALONG ACCESS DRIVE.
 - D. BRING THE LEASE AREA AND ACCESS DRIVE W/TURNAROUND TO BASE COURSE ELEVATION PRIOR TO INSTALLING FOUNDATION.
 - E. APPLY SOIL STERILIZER PRIOR TO PLACING BASE MATERIALS.
 - F. GRADE, SEED, FERTILIZE, AND MULCH ALL AREAS DISTURBED BY CONSTRUCTION (INCLUDING UNDERGROUND UTILITY LEASEMENTS) IMMEDIATELY AFTER BRINGING LEASE AREA AND ACCESS DRIVE W/TURNAROUND TO BASE COURSE ELEVATION, WATER TO ENSURE GROWTH.
 - G. REMOVE GRAVEL FROM TEMPORARY CONSTRUCTION ZONE TO AN AUTHORIZED AREA OR AS DIRECTED BY PROJECT MANAGER.
 - H. AFTER APPLICATIONS OF FINAL SURFACES, APPLY SOIL STERILIZER TO STONE SURFACES.
- 5. SUBMITTALS
 - A. BEFORE CONSTRUCTION
 - IF LANDSCAPING IS APPLICABLE TO THE CONTRACT, SUBMIT TWO COPIES OF THE LANDSCAPE PLAN UNDER NURSERY LETTERHEAD. IF A LANDSCAPE ALLOWANCE WAS INCLUDED IN THE CONTRACT, PROVIDE AN ITEMIZED LISTING OF PROPOSED COSTS OR NURSERY LETTERHEAD (REFER TO PLANS FOR LANDSCAPING REQUIREMENTS).
 - B. AFTER CONSTRUCTION
 - 1. MANUFACTURER'S DESCRIPTION OF PRODUCT AND WARRANTY STATEMENT ON SOIL STERILIZED.
 - 2. MANUFACTURER'S DESCRIPTION OF PRODUCT ON GRASS SEED AND FERTILIZER.
 - 3. LANDSCAPING WARRANTY STATEMENT.
- 6. WARRANTY
 - A. IN ADDITION TO THE WARRANTY ON ALL CONSTRUCTION COVERED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL REPAIR ALL DAMAGE AND RESTORE AREA AS CLOSE TO ORIGINAL CONDITION AS POSSIBLE AT SITE AND SURROUNDINGS.
 - B. SOIL STERILIZATION APPLICATION TO GUARANTEE VEGETATION FREE ROAD AND SITE AREAS FOR ONE YEAR FROM DATE OF FINAL INSPECTION.
 - C. DISTURBED AREAS WILL REFLECT GROWTH OF NEW GRASS COVER PRIOR TO FINAL INSPECTION.

- D. LANDSCAPING, IF INCLUDED WITHIN THE SCOPE OF THE CONTRACT, WILL BE GUARANTEED FOR ONE YEAR FROM DATE OF FINAL INSPECTION.

PART 2 – PRODUCTS

- 1. MATERIALS
 - A. SOIL STERILIZER SHALL BE EPA-REGISTERED, PRE-EMERGENCE LIQUID.
 - B. ROAD AND SITE MATERIALS SHALL CONFORM TO DOT SPECIFICATIONS FILL MATERIAL (UNLESS OTHERWISE NOTED) – ACCEPTABLE SELECT FILL SHALL BE IN ACCORDANCE WITH LOCAL JURISDICTION
 - C. SOIL STABILIZER FABRIC SHALL BE MIRAFI – 500X.

PART 3 – EXECUTION

- 1. INSPECTIONS
 - LOCAL BUILDING INSPECTORS SHALL BE NOTIFIED NO LESS THAN 48 HOURS IN ADVANCE OF CONCRETE POURS, UNLESS OTHERWISE SPECIFIED BY JURISDICTION.
- 2. PREPARATIONS
 - A. CLEAR TREES, BRUSH AND DEBRIS FROM LEASE AREA, ACCESS DRIVE W/TURNAROUND AND UNDER GROUND UTILITY LEASEMENTS AS REQUIRED FOR CONSTRUCTION.
 - B. PRIOR TO OTHER EXCAVATION AND CONSTRUCTION, GRUB ORGANIC MATERIAL TO A MINIMUM OF SIX INCHES (6") BELOW GRADE.
 - C. UNLESS OTHERWISE INSTRUCTED BY VERIZON WIRELESS, TRANSPORT ALL REMOVED TREES, BRUSH AND DEBRIS FROM THE PROPERTY TO AN AUTHORIZED LANDFILL.
 - D. PRIOR TO PLACEMENT OF FILL OR BASE MATERIALS, ROLL THE SOIL.
 - E. WHERE UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED, LINE THE AREAS WITH STABILIZER MAT PRIOR TO PLACEMENT OF FILL OR BASE MATERIAL.
- 3. INSTALLATION
 - A. GRADE ELEVATION FOR THE LEASE AREA AND ACCESS DRIVE UPON DISTRIBUTION OF SPOILS, RESULTING FROM EXCAVATIONS, SHALL CORRESPOND WITH SAID SUB-BASE COURSE. ELEVATIONS ARE TO BE CALCULATED FROM BENCHMARK, FINISHED GRADES, OR INDICATED SLOPES.
 - B. CLEAR EXCESS SPOILS, IF ANY, FROM JOB SITE AND DO NOT SPREAD BEYOND THE LIMITS OF PROJECT AREA UNLESS AUTHORIZED BY PROJECT MANAGER AND AGREED TO BY LANDOWNER.
 - C. BRING THE ACCESS DRIVE W/ TURNAROUND TO BASE COURSE ELEVATION TO FACILITATE CONSTRUCTION AND OBSERVATION DURING CONSTRUCTION OF THE SITE.
 - D. AVOID CREATING DEPRESSIONS WHERE WATER MAY POND.
 - E. THE CONTRACT SHALL INCLUDE GRADING, BANKING, AND DITCHING, UNLESS OTHERWISE INDICATED.
 - F. WHEN IMPROVING AN EXISTING ACCESS DRIVE, GRADE THE EXISTING DRIVE TO REMOVE ANY ORGANIC MATTER AND SMOOTH THE SURFACE BEFORE PLACING FILL OR STONE.
 - G. PLACE FILL OR STONE IN SIX INCHES (6") MAXIMUM LIFTS, AND COMPACT BEFORE PLACING NEXT LIFT.
 - H. THE TOP SURFACE COURSE, SHALL EXTEND A MINIMUM OF ONE FOOT (1') BEYOND THE SITE FENCE (UNLESS OTHERWISE NOTED) AND SHALL COVER THE AREA AS INDICATED.
 - I. APPLY RIPRAP TO THE SIDE SLOPES OF ALL FENCED SITE AREAS, PARKING AREAS, AND ALL OTHER SLOPES GREATER THAN 2:1.
 - J. APPLY RIPRAP TO THE SIDES OF DITCHES OR DRAINAGE SWALES.
 - K. RIPRAP ENTIRE DITCH FOR SIX FEET (6') IN ALL DIRECTIONS AT CULVERT OPENINGS.
 - L. APPLY SEED, FERTILIZER AND STRAW COVER TO ALL OTHER DISTURBED AREAS, DITCHES, AND DRAINAGE SWALES, NOT OTHERWISE RIPRAPPED.
 - M. UNDER NO CIRCUMSTANCES WILL DITCHES, SWALES, OR CULVERTS BE PLACED SO THAT THEY DIRECT WATER TOWARDS, OR PERMIT STANDING WATER IMMEDIATELY ADJACENT TO EQUIPMENT. IF ELEVATIONS ARE IN CONFLICT WITH THIS, ADVISE CONSTRUCTION MANAGER IMMEDIATELY.
 - N. IN DITCHES WITH SLOPES GREATER THAN 10%, MOUND DIVERSIONARY HEADWALLS IN THE DITCH AT CULVERT ENTRANCES. POSITION THE HEADWALL AT AN ANGLE NO GREATER THAN 60° OFF THE DITCH LINE. RIPRAP THE UPSTREAM SIDE OF THE HEADWALL AS WELL AS THE DITCH FOR SIX FEET (6') ABOVE THE CULVERT ENTRANCE.
 - O. APPLY SEED AND FERTILIZER TO SURFACE CONDITIONS WHICH WILL ENCOURAGE ROOTING. RAKE AREAS TO BE SEEDED TO EVEN THE SURFACE AND LOOSEN THE SOIL.

- P. SOW SEED IN TWO DIRECTIONS IN TWICE THE QUANTITY RECOMMENDED BY THE SEED PRODUCER.
- Q. ENSURE GROWTH OF SEEDED AND LANDSCAPED AREAS, BY WATERING, UP TO THE POINT OF RELEASE FROM THE CONTRACT. CONTINUE TO REWORK THE BARE AREAS UNTIL COMPLETE COVERAGE IS OBTAINED.

- 4. FIELD QUALITY CONTROL
 - COMPACT SOILS TO MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D-1557. AREAS SUBJECT TO SETTLEMENT WILL BE EXCAVATED AND REFILLED AT CONTRACTOR'S EXPENSE. INDICATE PERCENTAGE OF COMPACTION ACHIEVED ON AS-BUILT DRAWINGS.

ALL FILL SHOULD BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AT NEAR OPTIMUM MOISTURE CONTENTS AS DETERMINED BY ASTM D1557. THE LIFT THICKNESS FOR THE FILL SOILS WILL VARY DEPENDING ON THE TYPE OF COMPACTION EQUIPMENT USED, FILL SHOULD GENERALLY BE PLACED IN UNIFORM LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS. IN CONFINED AREAS, THE LOOSE LIFT THICKNESS SHOULD BE 6 INCHES OR LESS AND EACH LIFT SHOULD BE COMPACTED WITH SUFFICIENT PASSES OF HAND OPERATED VIBRATORY OR IMPACT COMPACTION EQUIPMENT. A GEOTECHNICAL ENGINEER WITH APPROPRIATE FIELD AND LABORATORY SUPPORT SHOULD INSPECT ALL FOOTING SUBGRADES, APPROVE MATERIALS FOR USE AS FILL, AND TEST BACKFILL MATERIALS FOR COMPLIANCE WITH THE RECOMMENDED COMPACTION.

- 5. PROTECTION
 - A. PROTECT SEEDED AREAS FROM EROSION BY SPREADING STRAW TO A UNIFORM LOOSE DEPTH OF 1-2 INCHES, STAKE AND TIE DOWN AS REQUIRED. USE OF EROSION CONTROL MESH OR MULCH NET WILL BE AN ACCEPTABLE ALTERNATE.
 - B. ALL TREES PLACED IN CONJUNCTION WITH A LANDSCAPE CONTRACT WILL BE WRAPPED, TIED WITH HOSE PROTECTED WIRE, AND SECURED TO 2" X 2" X 4'-0" WOODEN STAKES EXTENDING TWO-FEET INTO THE GROUND ON FOUR SIDES OF THE TREE.
 - C. PROTECT ALL EXPOSED AREAS AGAINST WASHOUTS AND SOIL EROSION. PLACE STRAW BALES AT THE INLET APPROACH TO ALL NEW OR EXISTING CULVERTS. WHERE THE SITE OR ROAD AREAS HAVE BEEN ELEVATED IMMEDIATELY ADJACENT TO THE RAIL LINE, STAKE EROSION CONTROL FABRIC FULL LENGTH IN THE SWALE TO PREVENT CONTAMINATION OF THE RAIL BALLAST. ALL EROSION CONTROL METHODS SHALL CONFORM TO APPLICABLE BUILDING CODE REQUIREMENTS.

SECTION – FENCING AND GATE(S)

PART 1 – GENERAL

- 1. WORK INCLUDED
 - SEE PLAN FOR SITE AND LOCATION OF FENCE AND GATE(S).
- 2. QUALITY ASSURANCE
 - ALL STEEL MATERIALS UTILIZED IN CONJUNCTION WITH THIS SPECIFICATION WILL BE GALVANIZED OR STAINLESS STEEL. WEIGHT OF ZINC COATING ON THE FABRIC SHALL NOT BE LESS THAN 12 OUNCES PER SQUARE FOOT OF MATERIAL COVERED. POSTS SHALL BE HOT-DIPPED IN GRADE "E" ZINC, 18 OUNCES PER SQUARE FOOT.
- 3. SEQUENCING
 - IF THE SITE AREA HAS BEEN BROUGHT UP TO SURFACE COURSE ELEVATION (PRIOR TO THE FENCE CONSTRUCTION), FENCE POST EXCAVATION SPOILS MUST BE CONTROLLED TO PRECLUDE CONTAMINATION OF SAID SURFACE COURSE.
- 4. SUBMITTALS
 - A. MANUFACTURER'S DESCRIPTIVE LITERATURE.
 - B. CERTIFICATION OF STATEMENT OF COMPLIANCE WITH THE SPECIFICATIONS.

PART 2 – PRODUCTS

- 1. FENCE MATERIAL
 - A. ALL FABRIC WIRE, RAILS, HARDWARE, AND OTHER STEEL MATERIALS SHALL BE HOT-DIPPED GALVANIZED.
 - B. FABRIC SHALL BE SIX-FOOT (6') HIGH OR TO MATCH EXISTING FENCE TWO-INCH (2") VINYL COVERED MESH OF NO. 9 GAUGE (0.130") WIRE. THE FABRIC SHALL HAVE A KNUCKLED FINISH FOR THE TOP SELVAGES. FABRIC SHALL CONFORM TO THE SPECIFICATIONS OF ASTM A-392 CLASS 1.
 - C. BARBED WIRE SHALL BE DOUBLE-STRAND, 12-1/2 GAUGE TWISTED WIRE, WITH 14-GAUGE, 4-POINT ROUND BARBS SPACED ON FIVE-INCH CENTERS.



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REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR



ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION
4M TOWERS SITE NAME:
 LIBERTY HILL

4M TOWERS SITE #:
 TX-801

VZW SITE NAME:
 SEWARD_JUNCTION_REPL

VZW FUZE ID #:
 17510913

VZW MDG LOCATION ID #:
 5000932524

ADDRESS:
 1007 N US 183 UNIT 100
 LIBERTY HILL, TX
 WILLIAMSON COUNTY

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
GN-1

D. ALL POSTS SHALL BE SCHEDULE - 40 MECHANICAL SERVICE PIPE AND SHALL BE TYPE 1 ASTM A-128 AND OF THE FOLLOWING DIAMETER

LINE	2" SCHEDULE 40 (2 3/8" O.D.)
CORNER	3" SCHEDULE 40 (3 1/2" O.D.)
GATE	3" SCHEDULE 40 (3 1/2" O.D.)

E. GATE POSTS SHALL BE EXTENDED 12 INCHES (12"), INCLUDING DOME CAP, TO PROVIDE FOR ATTACHMENT OF BARBED WIRE.

F. ALL TOP AND BRACE RAILS SHALL BE 1-1/2 DIAMETER SCHEDULE - 40 MECHANICAL - SERVICE PIPE.

G. GATE FRAMES AND BRACES SHALL BE 1-5/8 INCH DIAMETER SCHEDULE 40 MECHANICAL - SERVICE PIPE. FRAMES SHALL HAVE WELDED CORNERS.

H. GATE FRAMES SHALL HAVE A FULL-HEIGHT VERTICAL BRACE, AND A FULL-WIDTH HORIZONTAL BRACE, SECURED IN PLACE BY USE OF GATE BRACE CLAMPS.

I. GATE HINGES SHALL BE MERCHANTS METAL MODEL 64385 HINGE ADAPTER WITH MODEL 6409, 188-DEGREE ATTACHMENT.

J. THE GUIDE (LATCH ASSEMBLY) SHALL BE HEAVY INDUSTRIAL DOUBLE GATE LATCH. SEE DETAIL.

K. LATCHES AND STOPS SHALL BE PROVIDED FOR ALL GATES.

L. PLUNGER ROD COMPLETE WITH RECEPTOR TO BE PROVIDED AT THE INACTIVE LEAF OF ALL DOUBLE GATE INSTALLATIONS.

M. ALL STOPS SHALL HAVE KEEPERS CAPABLE OF HOLDING THE GATE LEAF IN THE OPEN POSITION.

N. A NO. 7 GAUGE ZINC COATED TENSION WIRE SHALL BE USED AT THE BOTTOM OF THE FABRIC. TERMINATED WITH BANK CLIPS AT CORNER AND GATE POSTS.

O. A SIX-INCH BY 1/2 -INCH DIAMETER EYEBOLT TO HOLD TENSION WIRE SHALL BE PLACED AT LINE POSTS.

P. STRETCHER BARS SHALL BE 3/16-INCH BY 3/4-INCH OR HAVE EQUIVALENT CROSS-SECTIONAL AREA.

Q. ALL CORNER GATE AND PANELS SHALL HAVE A 3/8-INCH TRUSS ROD WITH TURNBUCKLES.

R. ALL POSTS EXCEPT GATE POSTS SHALL HAVE A COMBINATION CAP AND BARBED WIRE SUPPORTING ARM. GATE POSTS SHALL HAVE A DOME CAP.

S. OTHER HARDWARE INCLUDES BUT MAY NOT BE LIMITED TO TIE CLIPS, BAND CLIPS AND TENSION BAND CLIPS.

T. BARBED WIRE GATE GUARDS SHALL BE FITTED WITH DOME CAPS.

U. BARBED WIRE SUPPORT ARMS SHALL BE PRESSED STEEL COMPLETE WITH SET BOLT AND LOCK WIRE IN THE ARM.

V. ALL CAPS SHALL BE MALLEABLE IRON, DOME OR ACORN SHAPED AS REQUIRED BY PIPE SIZE.

W. WHERE THE USE OF CONCERTINA HAS BEEN SPECIFIED, 24-INCH (24") DIAMETERS COIL, BARBED TAPE, STAINLESS STEEL, CYCLONE FENCE MODEL C8B TO TYPE III SHALL BE FURNISHED. IT SHALL BE SUPPORTED ABOVE THE TOP RAIL BY USE OF SIX (6) WIRE BARBED WIRE ARMS POSITIONED ATOP EACH LINE/CORNER POST.

PART 3 - EXECUTION

1. INSPECTION

TO CONFIRM PROPER DEPTH AND DIAMETER OF POST HOLE EXCAVATIONS. ALL POST HOLES WILL BE EXCAVATED AS PER CONSTRUCTION DOCUMENTS.

2. INSTALLATION

A. FOUNDATIONS SHALL HAVE A MINIMUM SIX INCH (6") CONCRETE COVER UNDER POSTS.

B. ALL FENCE POSTS SHALL BE VERTICALLY PLUMB: ONE QUARTER INCH (1/4").

C. AT CORNER POSTS, GATE POSTS, AND SIDES OF GATE FRAME, FABRIC SHALL BE ATTACHED WITH STRETCHER AND TENSION BAND-CLIPS AT FIFTEEN INCH (15") INTERVALS.

D. AT LINE POSTS, FABRIC SHALL BE ATTACHED WITH BAND-CLIPS AT FIFTEEN INCH (15") INTERVALS.

E. FABRIC SHALL BE ATTACHED TO BRACE RAILS, TENSION WIRE AND TRUSS RODS WITH TIE-CLIPS AT TWO FEET (2') INTERVALS.

F. A MAXIMUM GAP OF ONE INCH (1") WILL BE PERMITTED BETWEEN THE CHAIN LINE FABRIC AND THE FINAL GRADE.

G. GATE SHALL BE INSTALLED SO LOCKS ARE ACCESSIBLE FROM BOTH SIDES.

H. GATE HINGE BOLTS SHALL HAVE THEIR THREADS PINNED OR WELDED TO PREVENT UNAUTHORIZED REMOVAL.

I. CONCRETE TO BE A MINIMUM OF 4,000 PSI AT 7 DAYS. CEMENT SHALL EXCEED ASTM C150, TYPE IIIA.

3. PROTECTION

UPON COMPLETION OF ERECTION, INSPECT FENCE MATERIAL AND PAINT FIELD CUTS OR GALVANIZING BREAKS WITH ZINC-BASED PAINT, COLOR TO MATCH THE GALVANIZED METAL.

APPLICABLE STANDARDS

ASTM-F1083 SPECIFICATION FOR PIPE, STEEL BLACK AND HOT-DIPPED ZINC COATED (GALVANIZED) WELDED AND SEAMLESS, FOR ORDINARY USES.

ASTM-A123 ZINC (HOT-DIP GALVANIZED) COATING ON IRON AND STEEL PRODUCT.

ASTM-A153 STANDARD SPECIFICATION FOR ZINC COATING (HOT-DIP) ON IRON AND STEEL HARDWARE.

ASTM-A392 SPECIFICATION FOR ZINC-COATED STEEL VINYL FENCE FABRIC.

ASTM-A491 SPECIFICATION FOR ALUMINUM-COATED VINYL FENCE FABRIC.

ASTM-A525 STANDARD SPECIFICATION FOR STEEL SHEET ZINC COATED (GALVANIZED) BY THE HOT-DIPPED PROCESS.

ASTM-A570 SPECIFICATION FOR HOT-ROLLED CARBON STEEL SHEET AND STRIP. STRUCTURAL QUALITY.

ASTM-A535 SPECIFICATION FOR ALUMINUM COATED STEEL BARBED WIRE.

BASIC CONCRETE MATERIALS AND METHODS PART 1 - GENERAL

1. WORK INCLUDED

FORMWORK, REINFORCEMENT, ACCESSORIES, CAST-IN-PLACE, CONCRETE, FINISHING, AND CURING.

2. INSPECTIONS

A. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING BUILDING DEPARTMENT INSPECTIONS REQUIRED FOR HIS SCOPE OF WORK.

B. ALL REINFORCING STEEL SHALL BE INSPECTED AND APPROVED BY THE LESSEE CONSTRUCTION MANAGER PRIOR TO PLACEMENT OF CONCRETE.

C. LESSEE CONSTRUCTION MANAGER SHALL BE NOTIFIED NO LESS THAN 48 HOURS IN ADVANCE OF CONCRETE POURS.

3. QUALITY ASSURANCE

A. CONSTRUCT AND ERECT CONCRETE FORMWORK IN ACCORDANCE WITH ACI 301 AND ACI 318.

B. PERFORM CONCRETE REINFORCING WORK IN ACCORDANCE WITH ACI 301, ACI 318, AND ASTM A184.

C. PERFORM CAST-IN-PLACE CONCRETE WORK IN ACCORDANCE WITH ACI 301, ACI 318, AND ACI 117-90.

D. OPEN FOUNDATION TRENCHES SHALL BE INSPECTED PRIOR TO CONCRETE INSTALLATION.

4. SUBMITTALS

SUBMIT CONCRETE MIX AND REINFORCING STEEL SHOP DRAWINGS FOR APPROVAL BY VERIZON WIRELESS CONSTRUCTION MANAGER/ENGINEER. THE SHOP DRAWINGS SHALL BE SUBMITTED IN THE FORM OF TWO (2) CONCRETE MIX DESIGN INFORMATION SHEETS AND TWO (2) BLUELINE DRAWINGS FOR REINFORCING STEEL.

PART 2 - PRODUCTS

1. REINFORCEMENT MATERIALS

A. REINFORCEMENT STEEL, ASTM A615, 60 YIELD GRADE, DEFORMED BILLET STEEL BARS, PLAIN FINISH.

B. WELDED STEEL WIRE FABRIC ASTM A185 PLAIN TYPE, IN FLAT SHEETS, PLAIN FINISH.

C. CHAIRS, BOLSTERS, BAR SUPPORTS, SPACERS, SIZED AND SHAPED FOR SUPPORTS OF REINFORCING.

D. FABRICATE CONCRETE REINFORCING IN ACCORDANCE WITH ACI 315, ACI 318, ASTM A184.

2. CONCRETE MATERIALS

A. CEMENT: ASTM C150, PORTLAND TYPE.

B. FINE AND COURSE AGGREGATES ASTM C33 - MAXIMUM SIZE OF CONCRETE AGGREGATE SHALL NOT EXCEED : ONE INCH (1") SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED OR ONE-THIRD CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING.

C. WATER: POTABLE CLEAN AND NOT DETRIMENTAL TO CONCRETE.

D. AIR ENTRAINING ADMIXTURE: ASTM C260.

E. BONDING AGENT: LATEX EMULSION FOR BONDING NEW TO OLD CONCRETE AS MANUFACTURED BY DAYTON SUPERIOR.

F. NON-SHRINK GROUT: PREMIXED COMPOUND CONSISTING OF NONMETALLIC AGGREGATE, CEMENT WATER REDUCING AND PLASTICIZING AGENTS.

3. CONCRETE MIX

A. CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE A.C.I. REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE.

B. MIX AND DELIVER CONCRETE IN ACCORDANCE WITH ASTM C94, ALT. 3.

C. PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 CHAPTER 4 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE. PROVIDE CONCRETE AS FOLLOWS:

1. COMPRESSIVE STRENGTH: 4000 PSI AT 7 DAYS.

2. SLUMP: 3 INCHES

PART 3 - EXECUTION

1. INSERTS, EMBEDDED COMPONENTS AND OPENINGS

A. THE CONTRACTOR SHALL COORDINATE AND CROSS-CHECK ARCHITECTURAL, BUILDING & ELECTRICAL DRAWINGS FOR OPENINGS, SLEEVES, ANCHORS, HANGERS, AND OTHER ITEMS RELATED TO CONCRETE WORK AND SHALL ASSUME FULL RESPONSIBILITY FOR THE PROPER LOCATION BEFORE PLACING CONCRETE.

B. PROVIDE FORMED OPENINGS WHERE REQUIRED FOR WORK TO BE EMBEDDED IN AND PASSING THROUGH CONCRETE MEMBERS.

C. COORDINATE WORK OF OTHER SECTIONS IN FORMING AND SETTING OPENING, SLOTS, RECESSES, CHASES, SLEEVES, BOLTS, ANCHORS, AND OTHER INSERTS.

D. INSTALL CONCRETE ACCESSORIES STRAIGHT, LEVEL AND PLUMB.

2. REINFORCEMENT PLACEMENT

A. PLACE REINFORCEMENT, SUPPORTED AND SECURED AGAINST DISPLACEMENT.

B. ENSURE REINFORCING IS CLEAN, FREE OF LOOSE SCALE, DIRT, OR OTHER FOREIGN COATINGS.

C. WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENT.

D. MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.

E. CONCRETE COVER FROM TOP OF FOUNDATION TO ENDS OF VERTICAL REINFORCEMENT SHALL NOT EXCEED 3 INCHES (3") NOR BE LESS THAN 2 INCHES (2").

3. PLACING CONCRETE

A. VIBRATE ALL CONCRETE TO COMPACTION

B. ALL CONCRETE WORK SHALL ADHERE TO THE LATEST A.C.I. STANDARDS FOR WINTER POURING AND CURING PROCEDURES IF SEASONAL CONDITIONS APPLY.

4. CURING

A. AFTER PLACEMENT, PROTECT CONCRETE FROM PREMATURE DRYING, AND/OR AGAINST FREEZING.

B. MAINTAIN CONCRETE WITH MINIMAL MOISTURE LOSS AT RELATIVELY CONSTANT TEMPERATURE FOR A PERIOD NECESSARY FOR HYDRATION OF CEMENT AND HARDENING OF CONCRETE.

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REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

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ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION
4M TOWERS SITE NAME:
LIBERTY HILL

4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

GN-2

5. PROVIDE HAND RUBBED SMOOTH FINISH TO ALL EXPOSED VERTICAL FORMED CONCRETE SURFACES.
6. FIELD QUALITY CONTROL
- A. SUBMIT THREE (3) CONCRETE TEST CYLINDERS— TAKEN FOR EVERY 15 CUBIC YARD OR LESS. SUBMIT CONCRETE TESTS TO THE PROJECT MANAGER IN ACCORDANCE WITH ASTM, C-31 AND C-39.
- B. SUBMIT ONE (1) ADDITIONAL TEST CYLINDER – TAKEN DURING COLD WEATHER POURS, AND CURED ON JOB SITE UNDER SAME CONDITIONS AS CONCRETE IT REPRESENTS.
- C. SUBMIT ONE (1) SLUMP TEST – TAKEN FOR EACH SET OF TEST CYLINDERS TAKEN.
7. DEFECTIVE CONCRETE
MODIFY OR REPLACE CONCRETE NOT CONFORMING TO REQUIRED LINES, DETAILS OR ELEVATIONS AT COST OF GC. AS DIRECTED BY ARCHITECT/ENGINEER.

METALS

PART 1 – GENERAL

1. SECTION INCLUDES:
STRUCTURAL STEEL FRAMING MEMBERS, BASE PLATES, BARS AND GROUTING UNDER BASE PLATES.
2. SUBMITTALS:
SHOP DRAWINGS: INDICATE SIZES, SPACING AND LOCATIONS OF STRUCTURAL MEMBERS, OPENINGS, CONNECTIONS, CAMBERS, LOADS, AND WELDED SECTIONS.
3. QUALITY ASSURANCE
- A. FABRICATE STRUCTURAL STEEL MEMBERS IN ACCORDANCE WITH AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- B. PERFORM DESIGN UNDER DIRECT SUPERVISION OF A PROFESSIONAL STRUCTURAL ENGINEER LICENSED IN THE STATE.

PART 2 – PRODUCTS

1. MATERIALS
- A. STRUCTURAL STEEL MEMBERS: ASTM A572, GRADE 50
- B. STRUCTURAL TUBING: ASTM A500, GRADE B
- C. PIPE: ASTM A53, TYPE E OR S, GRADE B
- D. BOLTS, NUTS AND WASHERS: ASTM A325
- E. ANCHOR BOLTS: ASTM A307
- F. WELDING MATERIALS: AWS D1.1, TYPE REQUIRED FOR MATERIALS BEING WELDED
- G. GROUT: NON-SHRINK TYPE, PREMIXED COMPOUND CONSISTING OF NONMETALLIC AGGREGATE, CEMENT, WATER REDUCING AND PLASTICIZING ADDITIVES, CAPABLE OF DEVELOPING A MINIMUM COMPRESSIVE STRENGTH OF 7000 PSI AT 28 DAYS.
- H. SHOP AND TOUCH-UP PRIMER: SSPC 15, TYPE 1, RED OXIDE
- I. TOUCH-UP PRIMER FOR GALV. SURFACES: ZINC RICH TYPE
2. FABRICATION:
CONTINUOUSLY SEAL JOINTED MEMBERS BY CONTINUOUS WELDS. GRIND EXPOSED WELDS SMOOTH.
3. FINISH:
- A. PREPARE STRUCTURAL COMPONENT SURFACES IN ACCORDANCE WITH SSPC SP-1 TO SP-10 PROCEDURES.
- B. STRUCTURAL STEEL MEMBERS SHALL BE HOT DIPPED GALVANIZED.

PART 3 – EXECUTION

1. EXAMINATION AND PREPARATION:
VERIFY THAT THE FIELD CONDITIONS ARE ACCEPTABLE.
2. ERECTION:
A. ALLOW FOR ERECTION LOADS. PROVIDE TEMPORARY BRACING TO

MAINTAIN FRAMING IN ALIGNMENT UNTIL COMPLETION OR ERECTION AND INSTALLATION OF PERMANENT BRIDGING AND BRACING.

- B. FIELD WELD COMPONENTS INDICATED ON SHOP DRAWINGS.
- C. DO NOT FIELD CUT OR ALTER STRUCTURAL MEMBERS WITHOUT APPROVAL OF THE ARCHITECT/ENGINEER.
- D. AFTER ERECTION, TOUCH-UP WELDS, ABRASIONS, AND SURFACES NOT SHOP PRIMED OR GALVANIZED WITH TOUCH-UP PRIMERS AS SPECIFIED UNDER SECTION 05000-METALS, PART 2 – PRODUCTS, H & I, SURFACES TO BE IN CONTACT WITH CONCRETE NOT INCLUDED.
3. FIELD QUALITY CONTROL:
FIELD INSPECTION OF MEMBERS, CONNECTIONS, WELDS AND TORQUING.

**DIVISION 16 ELECTRICAL
BASIC ELECTRICAL MATERIALS AND METHODS**

1. CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS PRIOR TO ORDERING THE ELECTRICAL EQUIPMENT AND STARTING THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE ARCHITECT LISTING ANY DISCREPANCIES OR CONFLICTING INFORMATION.
2. ELECTRICAL PLANS, DETAILS AND DIAGRAMS ARE DIAGRAMMATIC ONLY. VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL EQUIPMENT WITH OWNER PRIOR TO INSTALLATION.
3. EACH CONDUCTOR OF EVERY SYSTEM SHALL BE PERMANENTLY TAGGED IN EACH PANEL-BOARD, PULLBOX JUNCTION BOX, SWITCH BOX, ETC. THE TYPE OF TAGGING METHODS SHALL BE IN COMPLIANCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.).
4. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND IN GOOD WORKING CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR GROUP OF EQUIPMENT. MATERIALS SHALL BE LISTED "J" WHERE APPLICABLE. MATERIALS SHALL MEET WITH APPROVAL OF ALL GOVERNING BODIES HAVING JURISDICTION. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA, NBFU AND "UL" LISTED.
5. ALL CONDUIT SHALL HAVE A PULL CORD.
6. PROVIDE PROJECT MANAGER WITH ONE SET OF COMPLETE ELECTRICAL "AS INSTALLED" DRAWINGS AT THE COMPLETION OF THE JOB, SHOWING ACTUAL DIMENSIONS, ROUTINGS, AND CIRCUITS.
7. ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED, AND A MINIMUM OF 10,000 A.I.C.
8. THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY IBC, NEC AND ALL APPLICABLE CODES.
9. PATCH, REPAIR AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK.
10. PLASTIC PLATES FOR ALL SWITCHES, RECEPTACLES, TELEPHONE AND BLANKED OUTLETS SHALL HAVE ENGRAVED LETTERING WHERE INDICATED ON THE DRAWINGS. WEATHERPROOF RECEPTACLES SHALL HAVE SIERRA #WPD-8 LIFT COVER-PLATES.

SERVICE AND DISTRIBUTION

1. WIRE AND CABLE CONDUCTORS SHALL BE ALUMINUM, 600V, TYPE THHN OR THWN, WITH A MIN. SIZE OF #12 AWG, COLOR CODED. ALL RECTIFIER DROPS SHALL BE STRANDED TO ACCEPT CRIMP CONNECTORS.
2. ALL CHEMICAL GROUND RODS SHALL BE "UL" APPROVED.
3. METER SOCKET AMPERES, VOLTAGE, NUMBER OF PHASES SHALL BE AS NOTED ON THE DRAWINGS. MANUFACTURED BY MILBANK OR APPROVED EQUAL AND SHALL BE AUSTIN ENERGY APPROVED.
4. CONDUIT:
- A. SCH 80 CONDUIT SHALL BE U.L. LABEL AND SHALL BE USED WHEN INSTALLED IN OR UNDER CONCRETE SLABS, IN CONTACT WITH THE EARTH, UNDER PUBLIC ROADWAYS, IN MASONRY WALLS OR EXPOSED ON BUILDING EXTERIOR.
- B. ELECTRICAL METALLIC TUBING SHALL HAVE U.L. LABEL, FITTING SHALL BE GLAND RING COMPRESSION TYPE.
- C. FLEXIBLE METALLIC CONDUIT SHALL HAVE U.L. LISTED LABEL AND MAY BE USED WHERE PERMITTED BY CODE. FITTINGS SHALL BE "JAKE" OR "SQUEEZE" TYPE. ALL FLEXIBLE CONDUITS SHALL HAVE FULL LENGTH GROUND WIRE.

D. ALL UNDERGROUND CONDUIT SHALL BE AS NOTED ON THE DRAWINGS AT A MINIMUM DEPTH OF 30" BELOW GRADE. IT IS REQUIRED AND WILL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO NOTIFY 811 OR SUCH DIGGING AGENCY 48 HRS PRIOR TO DIGGING.

5. CONTRACTOR TO COORDINATE WITH AUSTIN ENERGY FOR CONNECTION OF TEMPORARY AND PERMANENT POWER TO THE SITE. THE TEMPORARY POWER AND ALL HOOKUP COSTS ARE TO BE PAID BY THE CONTRACTOR.
6. ALL ELECTRICAL EQUIPMENT SHALL BE LABELED WITH PERMANENT ENGRAVED PLASTIC LABELS WITH WHITE ON BLUE BACKGROUND LETTERING (MINIMUM LETTER HEIGHT SHALL BE 1/4"). NAMEPLATES SHALL BE FASTENED WITH STAINLESS STEEL SCREWS, NOT ADHESIVE.
7. UPON COMPLETION OF WORK, CONTINUITY, SHORT CIRCUIT, AND FALL POTENTIAL GROUNDING TESTS BY AN INDEPENDENT TESTING SERVICE ENGAGED BY THE CONTRACTOR SHALL BE SUBMITTED FOR APPROVAL. SUBMIT TEST REPORTS TO PROJECT MANAGER. CLEAN PREMISES OF ALL LEAVE WORK IN A COMPLETE AND UNDAMAGED CONDITION.

B. GROUNDING ELECTRODE SYSTEM

A. PREPARATION

1. SURFACE PREPARATION:

ALL CONNECTIONS SHALL BE MADE TO BARE METAL. ALL PAINTED SURFACES SHALL BE FIELD INSPECTED AND MODIFIED TO ENSURE PROPER CONTACT. NO WASHERS ARE ALLOWED BETWEEN THE ITEMS BEING GROUNDED. ALL CONNECTIONS ARE TO HAVE A NON-OXIDIZING AGENT APPLIED PRIOR TO INSTALLATION.

2. GROUND BAR PREPARATION:

ALL GALV STEEL GROUND BARS SHALL BE CLEANED, AND NON-OXIDIZING AGENT APPLIED.

3. SLEEVES:

ALL GROUNDING CONDUCTORS SHALL RUN THROUGH PVC SLEEVES WHEREVER CONDUCTORS RUN THROUGH WALLS, FLOORS OR CEILINGS. IF CONDUCTORS MUST RUN THROUGH EMT, BOTH ENDS OF CONDUIT SHALL BE GROUNDED. SEAL BOTH ENDS OF CONDUIT WITH SILICONE CAULK.

B. GROUND BARS

1. ALL GROUND BARS SHALL BE 1/4" THICK GALV. STEEL PLATE AND OF SIZE INDICATED ON DRAWINGS.

2. ALL CONNECTIONS TO THE GROUND BAR SHALL OBSERVE THE FOLLOWING SEQUENCE:

- A. BOLT-HEAD
B. 2-HOLE LUG
C. TINNED BUSS BAR
D. STAR WASHER
E. NUT
F. EXTERNAL CONNECTIONS

3. ALL BURIED GROUNDING CONNECTIONS SHALL BE MADE BY THE EXOTHERMIC WELD PROCESS. CONNECTIONS SHALL INCLUDE ALL CABLE, SPLICES, TEE'S, CROSSED, ETC. ALL CABLE TO GROUND RODS, GROUND ROD SPLICES AND LIGHTNING PROTECTION SYSTEMS ARE TO BE AS INDICATED. ALL MATERIALS USED (MOLDS, WELDING METAL, TOOLS, ETC.) SHALL BE BY PROCEDURES.

4. ALL ABOVE GRADE GROUNDING AND BONDING CONDUCTORS SHALL BE CONNECTED BY TWO HOLE CRIMP TYPE (COMPRESSION) CONNECTIONS (EXCEPT FORTH ACEG AND GROUND ROD) MECHANICAL CONNECTIONS, FITTINGS OR CABLE TO CABLE CONNECTIONS SHALL BE HIGH PRESSURE DOUBLE CRIMP TYPE CONNECTIONS. CONNECTION TO STRUCTURAL STEEL SHALL BE EXOTHERMIC WELDS.

C. GROUND RODS

ALL GROUND RODS SHALL BE 5/8-INCH DIAMETER X 10'-0" LONG "COPPERWELD" OR APPROVED EQUAL, OF THE NUMBER AND LOCATIONS INDICATED. GROUND RODS SHALL BE DRIVEN FULL LENGTH VERTICAL IN UNDISTURBED EARTH.



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Phone: 972-231-8893 Fax: 866-364-8375
www.allprocgi.com Registration No. 8242

ACGI NO: 25-3461

DRAWN BY: CG

CHECKED BY: SZ

REVISIONS			
REV	DATE	DESCRIPTION	BY
3	02/03/26	FINAL CD REVISIONS	JJ
4	02/09/26	FINAL CD REVISIONS	DR
5	02/11/26	FINAL CD REVISIONS	DR
6	02/11/26	FINAL CD REVISIONS	DR
7	02/25/26	FINAL CD REVISIONS	DR

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ALLPRO CONSULTING GROUP, INC.
FIRM NO.: F-8242

SITE INFORMATION
4M TOWERS SITE NAME:
LIBERTY HILL

4M TOWERS SITE #:
TX-801

VZW SITE NAME:
SEWARD_JUNCTION_REPL

VZW FUZE ID #:
17510913

VZW MDG LOCATION ID #:
5000932524

ADDRESS:
1007 N US 183 UNIT 100
LIBERTY HILL, TX
WILLIAMSON COUNTY

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

GN-3

D. GROUND CONDUCTORS

ALL GROUND CONDUCTORS SHALL BE STANDARD TINNED SOLID BARE COPPER ANNEALED, AND OF SIZE INDICATED ON DRAWINGS UNLESS NOTED OTHERWISE.

E. LUGS

1. LUGS SHALL BE 2-HOLE, LONG BARREL, STRAND COPPER UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS. LUGS SHALL BE THOMAS AND BETTS SERIES #548 x x BE OR EQUIVALENT.

- A. 535 MCM DLO 54880BE
- B. 262 MCM DLO 54872BE
- C. #1/0 DLD 54862BE
- D. #4/0 THWN AND BARE 54866BE
- E. #2/0 THWN 54862BE
- F. #2 THHN 54207BE
- G. #6 DLO 54205BE

2. WHEN THE DIRECTION OF CONDUCTOR MUST CHANGE, IT SHALL BE DONE GRADUALLY. THE CURVATURE OF THE TURN SHALL BE DONE IN ACCORDANCE WITH THE FOLLOWING CHART:

GROUNDING CONDUCTOR SIZE	MINIMUM BENDING RADIUS TO INSIDE EDGE
NO. 6 AWG TO NO. 4 AWG	6 INCHES
NO. 2 AWG TO NO. 1/0 AWG	8 INCHES
NO. 2/0 AWG TO 4/0 MCM	12 INCHES
250 MCM TO 750 MCM	24 INCHES

F. GROUND RING

1. THE EXTERNAL GROUND RING ENCIRCLING THE TOWER IF APPLICABLE) AND BETWEEN THE EQUIPMENT SHELTER PLATFORM ANCHORS SHALL BE MINIMUM NO. 2 A.W.G. SOLID TINNED BARE COPPER CONDUCTOR IN DIRECT CONTACT WITH THE EARTH AT THE DEPTH INDICATED ON THE DRAWINGS. CONDUCTOR BENDS SHALL HAVE A MINIMUM BENDING RADIUS OF EIGHT (8) INCHES.

2. ALL EXTERNAL GROUND RINGS ARE TO BE JOINED TOGETHER AND ALL CONNECTIONS MUST BE EXOTHERMIC WELDED. NO LUGS OR CLAMPS WILL BE ACCEPTED.

G. FENCE /GATE

GROUND EACH GATE POST, CORNER POST AND GATE AS INDICATED ON DRAWING GROUND CONNECTIONS TO FENCE POSTS AND ALL OTHER CONNECTIONS FOR THE GROUND GRID SYSTEM SHALL BE MADE BY EXOTHERMIC WELD PROCESS, AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES, AND SPRAYED WITH COLD-GALVANIZED PAINT.

9. I.E.E.E. FALL POTENTIAL TESTS

A. FOR RAW LAND SITE

1. GROUND TEST SHALL BE PERFORMED AS INDICATED ON DRAWINGS. A BIDDLE GROUND OHMER OR THE METHOD OF USING TWO AUXILIARY GROUND RODS (AS DESCRIBED IN I.E.E.E. STANDARDS NO. 81-18-983, PART 1) MAY BE USED. THE I.E.E.E. METHOD REQUIRES THE USE OF AN A.C. TEST CURRENT. THE AUXILIARY TEST RODS MUST BE SUFFICIENTLY FAR AWAY FROM THE ROD UNDER TEST SO THAT THE REGIONS IN WHICH THEIR RESISTANCE IS LOCALIZED DO NOT OVERLAP. THE TEST POINT WILL BE THE GROUND ROD AND WILL CONSIST OF THE THREE POINT FALL OF POTENTIAL MEGGER TEST METHOD, USING THE BIDDLE NULL-BALANCE EARTH TESTER (MEGGER #250220-2 OR EQUIVALENT).
2. CONTRACTOR TO CONDUCT GROUND RESISTANCE TEST IN THE FORMAT AS FOLLOWS:

B. EQUIPMENT PAD

1. FIRST TEST - SHALL BE WITH FOUR GROUND RODS INSTALLED, ONE AT EACH CORNER OF THE PAD BUT NOT CONNECTED TO THE MAIN GROUNDING BUS. FURNISH WIRE TO CONNECT (TEMPORARY CLAMP) ALL FOUR GROUND RODS TOGETHER TO MAKE A SYSTEM TEST AFTER EACH ROD IS INDIVIDUALLY TESTED. IF ANY INDIVIDUAL ROD TESTS 25 OHMS OR MORE, THE ELECTRICAL CONTRACTOR AND OWNER'S REPRESENTATIVE SHOULD BE NOTIFIED SO THAT THE ROD CAN BE DRIVEN DEEPER UNTIL ALL FOUR RODS HAVE A RESISTANCE OF 10 OHMS OR LESS ON A DRY DAY.

2. SECOND TEST - SHALL BE WITH THE GROUND RODS CONNECTED, WITH DRY SOIL AND WHEN NO STANDING WATER HAS BEEN PRESENT FOR THE PAST TEN (10) DAYS. THE MAXIMUM ALLOWABLE READING IS 5 OHMS TO GROUND. IF THE RESISTANCE OF THE ENTIRE SYSTEM EXCEEDS 5 OHMS, NOTIFY THE CONTRACTOR AND OWNER'S REPRESENTATIVE SO THAT ADDITIONAL AND/OR DEEPER RODS CAN BE INSTALLED.

C. TOWER

1. FIRST TEST - SHALL BE WITH THREE GROUND RODS INSTALLED (MINIMUM), EQUALLY SPACED AROUND THE TOWER FOUNDATION, BUT NOT CONNECTED TO THE SHELTER PAD EXTERNAL GROUND RING. FURNISH WIRE TO CONNECT (TEMPORARY CLAMP) ALL THREE GROUND RODS TOGETHER TO MAKE A SYSTEM TEST AFTER EACH ROD IS INDIVIDUALLY TESTED. IF ANY INDIVIDUAL ROD TESTS 25 OHMS OR MORE, NOTIFY THE CONTRACTOR AND OWNER'S REPRESENTATIVE SO THAT THE ROD CAN BE DRIVEN DEEPER UNTIL ALL THREE (3) RODS HAVE A RESISTANCE OF 10 OHMS OR LESS ON A DRY DAY.

2. SECOND TEST - SHALL BE WITH THE GROUND RODS CONNECTED, WITH DRY SOIL AND WHEN NO STANDING WATER HAS BEEN PRESENT FOR THE PAST TEN (10) DAYS. THE MAXIMUM ALLOWABLE READING IS 5 OHMS TO GROUND. IF THE RESISTANCE OF THE ENTIRE SYSTEM EXCEEDS 5 OHMS THE ELECTRICAL CONTRACTOR AND OWNER'S REPRESENTATIVE SHOULD BE NOTIFIED SO THAT EITHER ADDITIONAL AND/OR DEEPER RODS CAN BE INSTALLED.

D. EQUIPMENT PAD AND TOWER

1. AFTER THE EQUIPMENT PAD AND TOWER GROUND RESISTANCE TEST IS COMPLETED, CONTRACTOR SHALL TIE EQUIPMENT PAD EXTERNAL GROUND RING AND TOWER EXTERNAL GROUND RING TOGETHER. AFTER FIRST AND SECOND TEST ALL CONNECTIONS MUST BE MADE USING EXOTHERMIC WELD. NO LUGS OR CLAMPS WILL BE ACCEPTED.
2. AFTER ALL THE EXTERNAL GROUND RINGS ARE TIED TOGETHER, A COMPLETE MEGGER CHECK OF THE GROUND SYSTEM SHOULD BE DONE. THE MAXIMUM ALLOWABLE LEADING IS 5 OHMS TO GROUND.

10. GROUNDING RESISTANCE TEST REPORT

UPON COMPLETION OF THE TESTING FOR EACH SITE, A TEST REPORT SHOWING RESISTANCE IN OHMS WITH AUXILIARY POTENTIAL ELECTRODES AT 5 FEET AND 10 FEET INTERVALS UNTIL THE AVERAGE RESISTANCE STARTS INCREASING AND ALSO NOTE THAT 10-15 PHOTOS MUST BE TAKEN TO PROOF ENTIRE EXTERNAL GROUND RING SYSTEM BEFORE BACKFILL. TWO (2) SETS OF TEST DOCUMENTS ARE OF THE INDEPENDENT TESTING SERVICE TO BE BOUND AND SUBMITTED WITHIN ONE (1) WEEK OF WORK COMPLETION.

POLES, POSTS, AND STANDARDS
SINGLE MAST AND MONOPOLES

1. GENERAL

- A. APPURTENANCES, TO BE FURNISHED BY OWNER, IF REQUIRED.
- B. PROVIDE TEMPORARY LIGHTING FOR TOWER AS PER FAA REGULATIONS DURING CONSTRUCTION, IF REQUIRED.
- C. GROUNDING:
GROUND TOWER WITH A MINIMUM OF #2 AWG TINNED SOLID BARE COPPER CONDUCTOR EXOTHERMIC WELDED TO TOWER BASE PLATE. TWO (2) GROUNDING LEADS PER TOWER BASE PLATE.

NO EXOTHERMIC WELDS SHALL BE ATTACHED DIRECTLY TO THE MONOPOLE TOWER SHAFT.

verizon
600 HIDDEN RIDGE
IRVING, TX 75038

4M TOWERS
7800 WASHINGTON AVENUE, SUITE 700
HOUSTON, TX 77007

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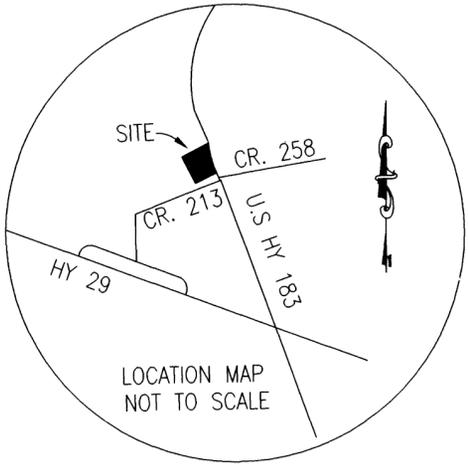
SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

GN-4

KELLYVILLE ADDITION



Rip Rowan, et al
Doc # 9722485

1095 HWY NO. 183 NORTH
LIBERTY HILL, TEXAS 78642

SCALE: 1" = 100'

APPROX. SOUTHWEST
CORNER OF THE
B. MANLOVE SURVEY,
ABSTRACT 417

6.98 Acres
LOT 1

6.43 Acres
LOT 2

5.98 Acres
LOT 3

5.61 Acres
LOT 4

Ching Ruth Hsu Chang
and Tony Chu
Doc. No. 9915569

13010 RESEARCH BLVD.
AUSTIN, TEXAS 78750

DAVID A. BARNARD
DOC. NO. 997338

200 BARNARD LANE
LEANDER, TEXAS 78641-9375

LEGEND

- IRON PIN SET
 - IRON PIN FOUND
 - CONCRETE MONUMENT SET
 - CONCRETE MONUMENT FOUND
 - B.L. BUILDING SETBACK LINE
 - P.U.E. PUBLIC UTILITY EASEMENT
 - D.E. DRAINAGE EASEMENT
- OWNER: Ching Ruth Hsu Chang & Tony Chu
ACREAGE: 25.81 ACRES
SURVEY: John B. Robinson Survey, Abs. 521
NO. OF LOTS: 4
NO. OF BLOCKS: 1
F.E.M.A. MAP NO. 48491C-0225D DATE: 11-02-95
WILLIAMSON COUNTY, TEXAS
DATE: FEBRUARY 21, 2001

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD DISTANCE	CHORD BEARING	DELTA
C1	3875.65'	280.03'	140.07'	279.96'	S12°02'20"E	04°08'23"
C2	3875.65'	291.10'	145.62'	291.03'	S07°49'03"E	04°18'12"
C3	3875.65'	296.19'	148.17'	296.12'	S03°28'35"E	04°22'44"
C4	3875.65'	312.56'	156.36'	312.47'	S01°01'24"W	04°37'15"

LINE TABLE

LINE	DISTANCE	BEARING
L1	32.53'	N70°30'27"E
L2	30.11'	S70°57'47"W

SHEET 1 OF 3

Carlson, Brigrance & Doering, Inc.
Civil Engineering • Surveying
3401 Slaughter Lane West • Austin, Texas 78748
PH: (512) 280-5160 • FAX: (512) 280-5165

Cabinet U Slide 78 Doc. # 2001017420

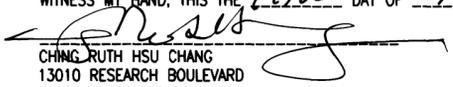
KELLYVILLE ADDITION

STATE OF TEXAS:
COUNTY OF WILLIAMSON:

KNOW ALL MEN BY THESE PRESENTS: THAT CHING RUTH HSU CHANG AND TONY CHU, AND BEING OWNERS OF THOSE CERTAIN 87.183 ACRES OF LAND OUT OF AND A PART OF THE NOAH SMITHWICK SURVEY, ABSTRACT 590, SITUATED IN WILLIAMSON COUNTY, TEXAS, CONVEYED BY DEED OF RECORD IN DOCUMENT NUMBER 9915569, WILLIAMSON COUNTY, TEXAS OFFICIAL RECORDS, DOES HEREBY SUBDIVIDE 25.81 ACRES OF LAND, IN ACCORDANCE WITH THE ATTACHED MAP OR PLAT, SUBJECT TO ANY EASEMENTS OR RESTRICTIONS HERETOFORE GRANTED, TO BE KNOWN AS "KELLYVILLE ADDITION" AND DO HEREBY DEDICATE TO THE PUBLIC THE USE OF THE STREETS AND EASEMENTS FOREVER. PRIOR TO GRADING, ANY TYPE OF EARTH MOVING, CONSTRUCTION OF, ON OR UNDER THE LAND IN THIS SUBDIVISION, A DRAINAGE PLAN DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER SHALL BE SUBMITTED FOR THE PROPOSED DEVELOPMENT, AND MODIFICATION THEREOF TO WILLIAMSON COUNTY FOR REVIEW AND APPROVAL. IT IS FURTHER UNDERSTOOD THAT THE ENFORCEMENT OF THE PLAT RESTRICTIONS IS THE RESPONSIBILITY OF THE DEVELOPER/OWNER; HOWEVER, THE COUNTY SHALL HAVE THE RIGHT AND AUTHORITY TO ENFORCE THE PLAT RESTRICTIONS THROUGH APPROPRIATE LEGAL PROCEDURE TO PROHIBIT THE CONSTRUCTION, CONNECTION OF UTILITIES OR ISSUING PERMITS UNLESS OR UNTIL THE REQUIREMENTS OF THE PLAT RESTRICTIONS HAVE BEEN ACHIEVED.

THERE ARE NO LIENHOLDERS FOR THAT CERTAIN 87.183 ACRE TRACT OF LAND, CONVEYED BY DEED OF RECORD IN DOCUMENT NUMBER 9915569, WILLIAMSON COUNTY, TEXAS.

WITNESS MY HAND, THIS THE 19th DAY OF May, 2000, A.D.

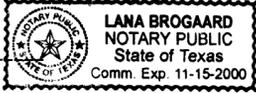

CHING RUTH HSU CHANG
13010 RESEARCH BOULEVARD
AUSTIN, TEXAS 78750

STATE OF TEXAS:
COUNTY OF WILLIAMSON:

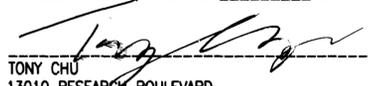
BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED CHING RUTH HSU CHANG, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT OF WRITING, AND SHE ACKNOWLEDGED TO ME THAT SHE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

WITNESS MY HAND AND SEAL OF OFFICE, THIS THE 19 DAY OF May, 2000, A.D.


LANA BROGAARD
NOTARY PUBLIC, STATE OF TEXAS



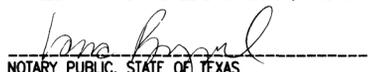
WITNESS MY HAND, THIS THE 19th DAY OF May, 2000, A.D.

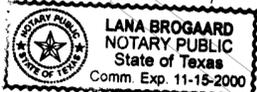

TONY CHU
13010 RESEARCH BOULEVARD
AUSTIN, TEXAS 78750

STATE OF TEXAS:
COUNTY OF WILLIAMSON:

BEFORE ME, THE UNDERSIGNED AUTHORITY, ON THIS DAY PERSONALLY APPEARED TONY CHU, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT OF WRITING, AND HE ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED AND IN THE CAPACITY THEREIN STATED.

WITNESS MY HAND AND SEAL OF OFFICE, THIS THE 19 DAY OF May, 2000, A.D.


LANA BROGAARD
NOTARY PUBLIC, STATE OF TEXAS



COMMISSIONER'S COURT APPROVAL (WILLIAMSON COUNTY):

IN APPROVING THIS PLAT BY THE COMMISSIONERS' COURT OF WILLIAMSON COUNTY, TEXAS, IT IS UNDERSTOOD THAT THE BUILDING OF ALL STREETS, ROADS, AND OTHER PUBLIC THOROUGHFARES AND ANY BRIDGES OR CULVERTS NECESSARY TO BE CONSTRUCTED OR PLACED IS THE RESPONSIBILITY OF THE OWNERS OF THE TRACT OF LAND COVERED BY THIS PLAT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS PRESCRIBED BY THE COMMISSIONERS' COURT OF WILLIAMSON COUNTY, TEXAS. SAID COMMISSIONERS' COURT ASSUMES NO OBLIGATION TO BUILD OR MAINTAIN ANY OF THE STREETS, ROADS, OR OTHER PUBLIC THOROUGHFARES SHOWN ON THIS PLAT OR OF CONSTRUCTING ANY OF THE BRIDGES OR DRAINAGE IMPROVEMENTS IN CONNECTION THEREWITH. IT IS FURTHER UNDERSTOOD THAT UPON COMPLETION OF THE AFORESAID OBLIGATIONS OF THE DEVELOPER AND EITHER 60% OCCUPANCY OF THE LOTS ALONG THE ROADWAYS AND STREETS IN THE SUBDIVISION HAS BEEN ACHIEVED, OR TWO YEARS FROM THE DATE OF COMPLETION OF THE STREETS HAS ELAPSED, ON WRITTEN PERMISSION FROM THE COMMISSIONERS' COURT, THE COUNTY WILL ASSUME FULL RESPONSIBILITY FOR MAINTENANCE OF SAID STREETS AND ROADS. THE COUNTY WILL ASSUME NO RESPONSIBILITY FOR DRAINAGE WAYS OR EASEMENTS IN THE SUBDIVISION, OTHER THAN THOSE DRAINING OR PROTECTING THE ROAD SYSTEM AND STREETS.

THE COUNTY ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF REPRESENTATIONS BY OTHER PARTIES IN THIS PLAT. FLOOD PLAIN DATA, IN PARTICULAR, MAY CHANGE DEPENDING ON SUBSEQUENT DEVELOPMENT.

IT IS FURTHER UNDERSTOOD THAT THE OWNERS OF THE TRACT OF LAND COVERED BY THIS PLAT MUST INSTALL AT THEIR OWN EXPENSE ALL TRAFFIC CONTROL DEVICES AND SIGNAGE THAT MAY BE REQUIRED BEFORE THE STREETS IN THE SUBDIVISION HAVE FINALLY BEEN ACCEPTED FOR MAINTENANCE BY THE COUNTY.

STATE OF TEXAS:
COUNTY OF WILLIAMSON:

KNOW ALL MEN BY THESE PRESENTS: I, JOHN C. DOERFLER, COUNTY JUDGE OF WILLIAMSON, TEXAS, DO HEREBY CERTIFY THAT THIS MAP OR PLAT, WITH FIELD NOTES HEREON, THAT "KELLYVILLE ADDITION", HAVING BEEN FULLY PRESENTED TO THE COMMISSIONERS' COURT OF WILLIAMSON COUNTY, TEXAS, AND BY SAID COURT DULY CONSIDERED, WAS ON THIS DAY APPROVED, AND SAID PLAT IS AUTHORIZED TO BE REGISTERED AND RECORDED IN THE OFFICIAL RECORDS OF THE COUNTY CLERK OF WILLIAMSON COUNTY, TEXAS.

 3-15-01 2-27-01
JOHN C. DOERFLER DATE
COUNTY JUDGE, WILLIAMSON COUNTY, TEXAS

STATE OF TEXAS:
COUNTY OF WILLIAMSON:

KNOW ALL MEN BY THESE PRESENTS: THAT I, NANCY RISTER, CLERK OF THE COUNTY COURT OF SAID COUNTY, DO HEREBY CERTIFY THAT THE FOREGOING INSTRUMENT IN WRITING, WITH ITS CERTIFICATION OF AUTHENTICATION, WAS FILED FOR RECORD IN MY OFFICE ON THE 15 DAY OF March, A.D., 2001, AT 3:16 O'CLOCK P. M., AND DULY RECORDED ON THE 16 DAY OF March, A.D., 2001, AT 9:48 O'CLOCK A. M., IN THE OFFICIAL RECORDS OF SAID COUNTY, IN DOCUMENT NUMBER 2001017420.

WITNESS MY HAND AND SEAL OF THE COUNTY COURT OF SAID COUNTY, AT OFFICE IN GEORGETOWN, TEXAS, THE DATE LAST ABOVE WRITTEN.

NANCY RISTER, CLERK, COUNTY COURT WILLIAMSON COUNTY, TEXAS


BY: DEPUTY



 Carlson, Brigance & Doering, Inc.
Civil Engineering • Surveying
3401 Slaughter Lane West • Austin, Texas 78748
PH: (512) 280-5160 • FAX: (512) 280-5165

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KELLYVILLE ADDITION

FIELD NOTES

BEING ALL OF THAT CERTAIN TRACT OR PARCEL OF LAND OUT OF AND A PART OF THE JOHN B. ROBINSON SURVEY, ABSTRACT NO. 521, SITUATED IN WILLIAMSON COUNTY, TEXAS, SAID TRACT OF LAND BEING A PORTION OF THAT CERTAIN TRACT OF LAND CONVEYED TO CHING RUTH HSU CHANG AND TONY CHU IN DOCUMENT NO. 9915569 OF THE OFFICIAL RECORDS OF WILLIAMSON COUNTY, TEXAS, SAID TRACT OF LAND BEING 25.81 ACRES OF LAND MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING, at a concrete monument set in the west right-of-way line of U.S. Highway No. 183, a varying width right-of-way, being also at the southeast corner of that certain 10.10 acre tract of land described in a deed to Rip Rowan, recorded in Document No. 9722485 of the Official Records of Williamson County, Texas, for the northeast corner and POINT OF BEGINNING of the herein described 25.81 acre tract of land, from which point the approximate southwest corner of the B. Manlove Survey, Abstract 417 bears, S36°50'E, a distance of 6,840 feet,

THENCE, with the curving west right-of-way line of said U.S. Highway No. 183, being also the east line of said Chang tract, with said curve to the left having a radius of 3870.65 feet, an arc length of 1180.03 feet and whose chord bears, S05°22'08"E, a distance of 1175.46 feet to an iron rod found at the southeast corner of said Chang tract, being also at the northeast corner of that certain 6.00 acre tract of land as described in a deed to David A. Barnard, recorded in Document No. 9907338 of the Official Records of Williamson County, Texas, for the southeast corner of the herein described tract,

THENCE, departing the west right-of-way line of said U.S. Highway No. 183, with the south line of said Chang tract, being also the north line of said Barnard tract, S70°57'47"W, a distance of 881.06 feet to an iron rod found at the northwest corner of said Barnard tract, being also an interior ell corner of said Chang tract, for the southwest corner of the herein described tract,

THENCE, crossing said Chang tract, the following two (2) courses and distances, numbered 1 and 2,

1. N19°02'32"W, a distance of 1132.96 feet to an iron rod set, and
2. N70°30'27"E, a distance of 433.70 feet to an iron rod found at an interior ell corner of said Chang tract, being also at the southwest corner of said Rowan tract,

THENCE, with the north line of said Chang tract, being also the south line of said Rowan tract, N70°30'27"E, a distance of 725.26 feet to the POINT OF BEGINNING and containing 25.81 Acres of Land.

FLOOD PLAIN NOTE: NO PORTION OF THIS TRACT IS IN THE 100 YEAR FLOOD PLAIN AS SHOWN ON THE FEDERAL FLOOD INSURANCE ADMINISTRATION FIRM PANEL NO. 48491C-0225D, DATED NOVEMBER 02, 1991, FOR WILLIAMSON COUNTY, TEXAS.

STATE OF TEXAS:
COUNTY OF TRAVIS:

THAT I, CHARLES R. BRIGANCE, JR., P.E., DO HEREBY CERTIFY THAT THIS PLAT IS NOT WITHIN THE EDWARDS AQUIFER RECHARGE ZONE AND THAT NO LOT WITHIN THIS SUBDIVISION IS ENCROACHED BY ANY AREA WHICH IS SUBJECT TO A 1% CHANCE OF FLOODING DURING ANY GIVEN YEAR.

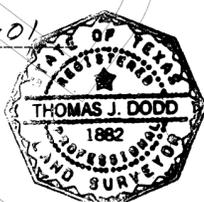
ENGINEERING BY: *Charles R. Brigance Jr.* DATE *2/14/01*
CHARLES R. BRIGANCE, JR., P.E. NO. 64346
CARLSON, BRIGANCE & DOERING, INC.
3401 SLAUGHTER LANE WEST
AUSTIN, TEXAS 78748



STATE OF TEXAS:
COUNTY OF TRAVIS:

THAT I, THOMAS J. DODD, DO HEREBY CERTIFY THAT I PREPARED THIS PLAT FROM AN ACTUAL AND ACCURATE ON-THE-GROUND SURVEY OF THE LAND AND THAT THE CORNER MONUMENTS SHOWN THEREON WERE PROPERLY PLACED UNDER MY PERSONAL SUPERVISION, IN ACCORDANCE WITH THE SUBDIVISION REGULATIONS OF WILLIAMSON COUNTY, TEXAS.

SURVEYED BY: *Thomas J. Dodd* DATE *2.15.01*
THOMAS J. DODD, R.P.L.S. NO. 1882
CARLSON, BRIGANCE & DOERING, INC.
3401 SLAUGHTER LANE WEST
AUSTIN, TEXAS 78748



BASED UPON THE REPRESENTATIONS OF THE ENGINEER OR SURVEYOR WHOSE SEAL IS AFFIXED HERETO, AND AFTER REVIEW OF THE PLAT AS REPRESENTED BY THE SAID ENGINEER OR SURVEYOR, I FIND THAT THIS PLAT COMPLIES WITH THE REQUIREMENTS OF EDWARDS AQUIFER REGULATIONS FOR WILLIAMSON COUNTY, THE WILLIAMSON COUNTY FLOOD PLAIN REGULATIONS AND WILLIAMSON COUNTY ON-SITE SEWERAGE FACILITY REGULATIONS. THIS CERTIFICATION IS MADE SOLELY UPON SUCH REPRESENTATIONS AND SHOULD NOT BE RELIED UPON FOR VERIFICATIONS OF THE FACTS ALLEGED. THE WILLIAMSON COUNTY AND CITIES HEALTH DISTRICT AND WILLIAMSON COUNTY DISCLAIMS ANY RESPONSIBILITY TO ANY MEMBER OF THE PUBLIC FOR INDEPENDENT VERIFICATION OF THE REPRESENTATIONS, FACTUAL OR OTHERWISE, CONTAINED IN THIS PLAT AND THE DOCUMENTS ASSOCIATED WITHIN IT.

PPD 35 DATE *2/22/01*
PAULO PINTO
DIRECTOR ENVIRONMENTAL SERVICES

NOTES:

1. DRIVEWAY LOCATIONS ARE SUBJECT TO APPROVAL BY THE TEXAS DEPARTMENT OF TRANSPORTATION.
2. WATER FOR EACH LOT IN THIS SUBDIVISION SHALL BE SERVICED BY AN ONSITE WELL.
3. THIS SUBDIVISION CONTAINS ADEQUATE AREA FOR DRAINFIELDS AND REPLACEMENT AREAS.
4. POSITIVE DRAINAGE WILL OCCUR THROUGHOUT THE ENTIRE TRACT AND IMPROVEMENTS WILL BE MADE IF DRAINAGE PROBLEMS BECOME APPARENT.
5. NO STRUCTURE OR LAND ON THIS SURVEY SHALL HEREAFTER BE LOCATED OR ALTERED WITHOUT FIRST SUBMITTING A CERTIFICATE OF COMPLIANCE APPLICATION FORM TO THE WILLIAMSON COUNTY FLOOD PLAIN ADMINISTRATOR.

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