VILLAGE OF GILBERTS

KANE COUNTY

STATE OF ILLINOIS

ORDINANCE NUMBER 19-2016

An Ordinance amending a Lease Agreement (T-Mobile, Water Tower at 320 Raymond Drive)

ADOPTED BY THE
PRESIDENT AND BOARD OF TRUSTEES
OF THE
VILLAGE OF GILBERTS
KANE COUNTY
STATE OF ILLINOIS

2016

Published in pamphlet form by authority of the President and Board of Trustees of the Village of Gilberts, Kane County, Illinois this 6 day of day of 2016

An Ordinance Amending a Lease Agreement (T-Mobile, Water Tower at 320 Raymond Drive)

(1-Mobile, water Tower at 320 Raymond Drive)

WHEAREAS, on March 2, 2004, the Board of Trustees of the Village of Gilberts adopted Ordinance 04-07 authorizing and approving a lease agreement ("Lease") with VoiceStream GSM I Operating Company, LLC, c/o T-Mobile USA, Inc. ("T-Mobile"); and

WHEREAS, T-Mobile has requested certain amendments to the Lease, and the Village Board has determined that it is in the best interests of the Village to amend the Lease, as set forth in this Ordinance ("Amendment").

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF TRUSTEES OF THE VILLAGE OF GILBERTS, IN KANE COUNTY, ILLINOIS, as follows;

<u>Section 1.</u> <u>Amendment of Lease.</u> The Village Board of Gilberts hereby approves the Amendment of the Lease, in the form and substance attached to this Ordinance as Exhibit A ("Amendment") and authorizes the Village President and Village Clerk to execute the Amendment and such other documents as are necessary.

Section 2. Continued Effective of Lease. Except as expressly amended by the Amendment in Exhibit A, the Lease will remain in full force and effect.

Section 3. Effective Date. This Ordinance shall be in full force and effect from and after its approval in the manner provided by law.

PASSED BY ROLL CALL VOTE OF THE BOARD OF TRUSTEES of the Village of Gilberts, Kane County, Illinois, this 6th day of 2016.

	Ayes	<u>Nays</u>	Absent	Abstain
Trustee Dan Corbett	V			
Trustee Elissa Kojzarek	V	/		
Trustee Nancy Farrell	V			
Trustee Dave LeClercq Trustee Löu Häcker	1	8	4	
Trastee Ouy Lambetti.	1	3	<u></u>	
President Rick Zirk		====	(
/ / \ \ \			A	
INCORPORATED	APPROVI	ED THIS 6	DAY OF OR	c. , 2016
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E ILLINOIS /s/			>	
ATON ER	Vil	lage President, I	Rick Zirk	
OF GHE LINE				
ATTEST:	MAN	Land		
Village Clerk,	Debra Mea	dows		
1	er 7.20			

FIRST AMENDMENT TO SITE LEASE AGREEMENT

This **FIRST AMEDNMENT TO SITE LEASE AGREEMENT** dated 12/6/20/6 (this "First Amendment") is made and entered into effective the date of the last signature on this First Amendment (the "Effective Date") by and between Village of Gilberts, a municipal corporation ("Landlord") and T-Mobile Central LLC, a Delaware Limited Liability Company, as successor in interest to VoiceStream GSM | Operating Company ("Tenant").

WHEREAS, Landlord and Tenant entered into a Site Lease Agreement with an Effective Date of March 15, 2004 (the "Agreement") with respect to the Premises that is near, at, on, or part of the Property located at 320 Raymond Drive, Gilberts, IL 60136; and

WHEREAS, Landlord and Tenant desire to entire into this First Amendment in order to modify and amend certain provisions of the Agreement;

NOW, THEREFORE, in consideration of the mutual covenants and agreement herein contained and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Landlord and Tenant covenant and agree as follows:

- 1. The Premises, as identified in Paragraph 1 and Exhibit B of the Agreement, are hereby modified to reflect what is shown on Exhibit A to this First Amendment.
- 2. The drawings and plans attached to this First Amendment as Exhibit A are preliminary, and are subject to final engineering review and approval by Landlord prior to the installation or construction of any Antenna Facilities on the Property. Tenant shall pay for the cost of this engineering review by an engineer chosen by Landlord, in an amount not to exceed \$2,500.00
- 3. "Rent," as defined in Paragraph 4 of the Agreement, shall increase by \$500.00/month, or bringing total rent to \$2,483.75 per month, upon execution of this First Amendment.
- 4. Tenant agrees to protect, indemnify, save, defend, and hold harmless Landlord, and its officers, officials, volunteers, employees, and agents, from and against any and all liabilities, claims, damages, causes of action, costs, and expenses, including reasonable attorneys' fees, arising out of or related to Tenant's use of the Premises, including, but not limited to, the installation, maintenance, operation, or removal of the Antenna Facilities, except to the extent attributable to the negligence or willful misconduct of Landlord.
- 5. Unless otherwise defined herein, all capitalized terms used in this First Amendment shall have the same meaning as in the Agreement.
- 6. Except as modified by this First Amendment, the Agreement shall remain in full force and effect and is ratified and confirmed by the parties. Any further amendments to the Agreement must be in writing and executed by both parties.

IN WITNESS WHEREOF, the parties have executed this First Amendment effective as of the latter of the two dates set forth below.

LANDLORD: Village of Gilberts
a municipal corporation
Ву:
Printed Name: RICK ZICK
Title: Village President
Date: 12/6/2016
Acknowledged as to form by:
Weller Meadows
Depra Meadows
Printed Name
TENANT: T-Mobile Central, LLC
a Delaware limited liability coறிpany
ву:
Printed Name: Falsal Afridi
Printed Name:Falsal Afridi Area Director, Engineering & Operations Title:
Date: 2-16-17

T-Mobile Legal Approval

Site Number:

CHCH47687A

Site Name:

Gilberts Water Tank

Market:

CH

-2-

STATE OF TALINOIS	_) _) cc							
COUNTY OF Lane) ss.)							
	nowledged before me on 12/4/2016 by Little] Village of Gilberts, a							
Dated: 12/1/2011	6							
-	Nula head							
I U	Iotary Public rint Name Dobra Meadows							
I I	Ny commission expires 12/33/2017							
STATE OF Thingis) ss.							
I certify that I know or have satisfactory evidence that								
Dated: 12/7/2016								
Pr	otary Public int Name Doma Mearle y commission expires 123/2017							
Sannannannannannan								

Site Number:

CHCH47687A

Site Name:

Gilberts Water Tank

Market:

CH

STATE OF	
COUNTY OF) ss.)
This instrument was	acknowledged before me on by Village of Gilberts, a
municipal corporation.	
Dated:	
]
	Notary Public
	Print Name
	My commission expires
STATE OF <u>Illinois</u>	
<u> </u>) ss.
COUNTY OF) Falsal Afridi
	Area Director, Engineering & Operations
	or have satisfactory evidence that is the
• • •	e me, and said person acknowledged that he signed this that he was authorized to execute the instrument and
	Grant of T-Mobile Central LLC, a Delaware limited liablity
company, to be the free and v	oluntary act of such party for the uses and purposes mentioned
in the instrument.	
Dated: <u>2-16-1</u>	7 for 11 11
	Note per 1, h
	Print Name Joans M. Algr
	My commission expires 8-4-2020
JOANNE M PILGRIM Official Seal	
Notary Public - State of Illinois	\
My Commission Expires Aug 4, 2020	L

Site Number:

CHCH47687A

Site Name:

Gilberts Water Tank

Market:

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Site Lease - version 6.4.1

EXHIBIT A

Subject to the terms and conditions of this First Amendment, the location of the Premises is generally described and depicted as shown below or in the immediately following attachment(s).

4821-2889-1709, v. 1

Site Number: CHCH47687A

Site Name:

Gilberts Water Tank

Market:

CH

stick together

T = Mobile stick together
store ARD DEPARTMENT OF THE STORE STOR

SITE NUMBER: CH47687A

SITE NAME: **GILBERTS WATER TANK**

WATER TANK

VICINITY MAP

SITE TYPE:

JURISDICTION: VILLAGE OF GILBERTS

CITY: **GILBERTS**

COUNTY: KANE COUNTY

EXBTING BULD OUT: 12 ANTENNAS ÉRRUMODULES 3 THA'S 2 COMPS, 1 HOS 12 COAX 1 STT 3 SYSTEM MODULES ON SSC PROJECT DESCRIPTION

L700

PROJECT

CONTACTS

FINAL BUILD OUT:

SCORE OF WORK 12 ANTENNAS, 8 RRU MODULES 3 TIVA'S, 2 COMP S, 1 HCS, 12 COAX, 1 STE SUPPO 4 SYSTEM MODULES & 1 RF MODULE ON CUBE, 3 RF MODULES ON NODE 8 POST

J HCS

INC. THORPIE EQUIPMENT CABINET PLINTH

INC. THORPIE EQUIPMENT CABINET PLINTH

CUBE, AT GRADE

NIG. LINT'S FEMILE

LITE PCCS. FEMILE

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APPLICANT
T-MOBILE USA
BESO BRYM MAWR AVE, SUITE 100
CHICAGO, ILLINO'S 90001
TEL (773) 444-5400
CONTACT: TBD

BOPGITY OWNER CONTACT

ANTENNA PLANS & SCHEDULE
EQUIPMENT SPECIFICATIONS
EQUIPMENT SPECIFICATIONS
EQUIPMENT SPECIFICATIONS TOWER ELEVATION SHEET INDEX

COORDNATES (NAD83): LAT: 42,08605605* LONG: -89.9525110* SITE ADDRESS: 320 RAYWOND DR. GILBERTS, IL 90136 PROJECT LOCATION

APPLICABLE CODES

PROJECT TEAM

AERIAL MAP

ANCHTECT/ENCONERY

NFT COMMUNICATION DESIGN GROUP, ILLO
2015 PRAY (TUM AREAS)
2016 PRAY (TUM AREAS)
2017 PRAY

STRUCTURAL ENCAREN
ASSOCIATED ENGINEERING INC
2705 NORTH MAIN STREET
OMANA, NE 88022
PH (402) 289-5045
FAX (402) 289-5045

APPROVALS

DON'S SOTANCE

320 RAYMOND DRIVE GILBERTS, IL 80136 WIT JOS NAMES THO:300 SHEET TITLE:

CH47687A TANK

TITLE SHEET

REFERENCED MATERIALS

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GILBERTS WATER

GENERAL REQUIREMENTS:

- 1.1N/TEM; THESE SPECIFICATIONS AND CONSTRUCTION DRAWINGS ACCOMPANYING THEM DESCRIBE THE WORK TO BE DONE AND THE MATERIALS TO BE FURNISHED FOR CONSTRUCTION
- THE DRAWNOS AND SPECIFICATIONS ARE INTENDED TO BE FULLY EXPLANATORY AND SUPPLEMENTARY, KNOWENER, SHOULD ANYTHING BE SHOWN HICKLYTED OR SPECIFIED ON ONE AND NOT THE OTHER, IT SHALL BE DONE THE SAME AS IF SHOWN INDICATED OR SPECIFIED IN BOTH. E INTENTION OF THE DOCUMENTS IS TO INCLUDE ALL LABOR AND MATERIALS REASONABLY SESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS STIPULATED IN COMPRACTI.
- THE PURPOSE OF THE SPECIFICATIONS IS TO INTERPRET THE INTERF OF THE DRAWNOS AND TO DESIGNATE THE METHOD OF THE PROCEDURE. TYPE AND CHALTY OF MATERIALS REQUIRED TO COMPLETE THE WORK.
- MINOR DEVATIONS FROM THE DESIGN LAYOUT ARE ANTIGNATED AND SHALL BE CONSIDERED AS DART OF THE WORK NO CHANGES THAT ALTER THE CHANACTER OF THE WORK WILL BE MADE OR PERMITTED BY THE OWNER WITHOUT ISSUING A CHANGE ORDER.
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- THE BOOSER IF AWARDED THE CONTRACT, WILL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY MATTER OR THING CONCERNING WHICH SUCH BIDDER MIGHT MAVE FULLY INFORMED THEMSELVES PRIOR TO THE BIDDING.
- 1.3 CONTRACTS AND WARRIANTIES
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 AND BONDS
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 THE RUBBIS THE RUBBIS CLEAN HORSE FROM
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REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES.

- INTERIOR IVISUALLY INSPECT INTERIOR SURFACE AND REMOVE ALL TRACES OF SOIL WASTE MATERIALS. SMUDGES AND OTHER FOREIGN MATTER FROM WALLSFLOORICEILING. JF NECESSARY TO ACHIEVE A UNIFORM DEGREE OF CLEANLINESS, HOSE DOWN THE EXTERIOR OF THE STRUCTURE
- MEMORY ALL TRACES OF SPLASHED MATERIAL FROM ACCACENT SURFACES
- REMOVE PAINT DROPPINGS, SPOTS, STAINS AND DIRT FROM FINISHED SURFACES.

- LEDANCE, CHARLES MANCOTTEME.

 1 CONTROL CONTRO
- THE DAZQUENTS AND COORGINATION ENERAL CARPENTRY, ELECTRICAL AND AVTENNA DRAWNASS ARE INTERRELATED, IN ERFORMANCE OF THE WORK, THE CONTRACTOR MUST REFER TO ALL DRAWNINGS ALL CONDINATION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS REQUIRED AND LISTED IN THESE SPECIFICATIONS TO THE OWNER FOR APPROVAL
- ALL SHOP DRAWINGS SHALL BE REVIEWED. CHECKED AND CORRECTED BY CONTRACTOR PRIOR TO SUBMITTAL TO THE OWNER
- A EMBOAGES AND AMERICATION OF THE ADDRESS FOR SUBSTITUTION IN EACH RECKET IDENTIFY THE 1 SUBSTITUTION FOR THE EACH RECKET FOR SISTEMATION HERCOLT DES RESEAUCED BY THE SUBSTITUTION AND EMBOATION OF RESTAULT ON SECTION AND DEAVING AUMBERS AND COMPLETE DOCUMENTATION SHOWNED COMPLIANCE WITH THE RECLIREMENTS FOR SUBSTITUTIONS.
- SUBJUT ALL RECESSION PRODUCT DATA AND DUT SHEETS WHICH PROPERLY INDICATE AND DESCRIBE THE TEXAS PRODUCTS AND INTERPALS BEING INSTALLED. THE CONTRACTION SHALL TO EAST TO THE OWNER FOR APPROVAL IN LIEU OF OUT SHEET'S.
- ALL WORK SHALL BE IN ACCORDANCE WITH APP REGULATIONS. CABLE LOCAL STATE AND FEDERAL

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 PROJECT WHICH WILL BE SUBMITTED TO THE OWNER PROOF TO THE COMMENCIATION OF ANY

 WORK.
- O'COMBROUNA CONSTRUCTION, THE OWNER SHALL SCHEDULE AN ON-SITE METING MACOR PARTIES. THIS WOULD INCLUDE (THOUSH NOT LIMITED TO) THE OWNER, MANAGER CONTRACTOR, LAND CHARER REPRESENTATIVE_LOCAL TELEPHONE MANAGER CONTRACTOR, LAND CHARER REPRESENTATIVE_LOCAL TELEPHONE V, TOWER ERECTION POREMAN (IF SUBCONTRACTED)
- CONTRACTOR SHALL BE EQUIPPED WITH SOME MEANS OF CONSTANT COMMUNICATIONS, SUCH AS A MOBILE PROVICE OR A BEEFOR THE SCHEMENT WILL NOT BE SUPPLIED BY THE DWARF AND WILL WEELER ADDITIONS.
- SUBCONTRACTION WEAK HARD HATS AT ALL TIMES, CONTRACTOR WILL COMPLY WITH SAFETY REQUIREMENTS IN THEIR AGREEMENT
- PROVIDE WITTEN DALY UPDATES ON SITE PRODUEDS TO THE OWNER.
- NOTIFY THE OWNER / PROJECT MANAGER IN WRITING NO LESS THAN 49 HOURS IN ADVANCE OF CONCRETE POURS, TOWER ERECTIONS, AND EQUIPMENT CABINET PLACEMENTS COMPLETE INVENTORY OF CONSTRUCTION MATERIALS AND EQUIPMENT IS REQUIRED PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR MUST PROVIDE PROOF OF INSURANCE SHOOMER PHYTHE WHITE WAS SECURED BY WE SECURED BY THE SECURED BY T

ANTENNA INSTALLATION:

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- INSTALL ANTENIA CAPIES GOUNDING SISTEM IN ACCORDANCE WITH DRAWNOS AND SECRIFICATION IN EFFECT AT PROJECT LOCATION AND RECOMMENDATIONS OF STATE AND LOCAL BUILDING CODES SPECIAL CODES HAVING LARISDICTION OFFR SPECIAL CODES HAVING LARISDICTION OFFR SPECIAL CODES HAVING LARISDICTION OFFR SPECIAL CODES SATISTATIONS OF WORK THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
- TIA TELECOMMUNICATIONS WOUSTRY ASSOCIATION TH-SIZES STRUCTURES. STANDARDS FOR STEE, ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES.
- FAA FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULAR AC 70/7480-IH OBSTRUCTION MARKING AND LIGHTING
- FEDERAL COMMUNICATIONS COMMISSION RULES AND REGULATIONS FORM 715. REACTION MARKING AND LIGHTING SPECIFICATIONS FOR AFTENING STRUCTURES FORM 7154, HIGH INTENSITY OBSTRUCTION LIGHTING SPECIFICATIONS FOR YMA STRUCTURES.
- AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM AZ25 OR A480 BOLTS
- NEG NATIONAL ELEGIRICAL CODE ON TOMER LIGHTING STR.
- IN ALL CASES, PART 77 OR THE FAA RULES AND PARTS 17 AND 72 OF THE FOC RULES ARE APPLICABLE AND IN THE EVENT OF CONFLICT, SUPERSEDE ANY OTHER STANDARDS OR SPECIFICATIONS. INDERWRITER'S LABORATORIES APPROVED ELECTRICAL PRODUCTS

GENERAL ELECTRIC PROVISION:

- SUBMITTAL OF BID INDICATES CONTRACTOR IS COCNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT.
- CONTRACTOR SHALL PERFORM ALL VERIFICATION OBSERVATIONS TEST, AND EXAMINATION WORK PRORT OTHE ORDERWAS OF THE ELECTRICAL EQUIPMENT AND THE ACTUAL CONSTRUCTION CONTRACTOR SHALL ISSUE A WATERNEON OTHER OF ALL FINDINGS TO THE ARCHITECT LISTING ALL MALFUNCTIONS FAULTY EQUIPMENT AND DISCREPANCIES
- N' CONDUCTOR DE EVERY SYSTEM SWALL BE PERMANENTLY TAGGED IN EACH PANEL RD, PULL BOX, JBOX, SWITCH BOX, ETC, IN COMPLIANCE WITH COCUPATIONAL SAFETY I HEALTH ACT (D.S.H.A.)
- CONTRACTOR SWILL PROVIDE ALL LABOR MATERIALS, INSURANCE, ECUIPMENT, INSTALLATION CONSTRUCTION TOOLS, TRANSPORTATION, ETC., FOR A COMPLETE AND PROPERLY OPERATIVE SYSTEM INFRACEDED THROCHOCYL FAID AS INDICATED ON DRAWN AS SPECIFIED HERBIN, ANDOR AS OTHERWISE REQUIRED.
- ALL CONDUIT INSTALLED SHALL BE SURFACE MOUNTED OR DIRECT BURIAL UNILESS OTHERWISE NOTED
- CONTRACTION SHALL CARRY OUT THEIR WORK IN ACCORDANCE WITH ALL GOVERNING STATE COLLARY AND LOCAL COCKED AND DISTAL.
- COMPLETE OF SHALL BE CAMMATEED FOR A PRINCE OF DUE IN YEAR AFTER THE DAYE OF DE ACCEPTANCE BY COMMER, AND WORK, WATERIAL OR EQUIPMENT FORMOTO BY FARLTY CURING THAT REBOOD SHALL BE CORRECTED AT CHICK UPON WATTEN NOTIFICATION, AT THE EXPENSE OF THE CONTRACTOR. TRACTOR TO OBTAIN ALL PERMITS, PAY PERMIT FEES, AND BE RESPONSIBLE FOR DULING INSPECTIONS
- PROVIDE PROJECT MANAGER WITH ONE SET OF COMPLETE ELECTROM, WE INSTALLED CHANNES AT THE COMPLETON OF THE JOIL SHOWING ACTUAL CHENNOONE, ROUTINGS CHOCKTS.
- ALL BROCHURES, OPERATING MANUALS, CATALOGS, SHOP DRAWINGS, ETC., SHALL BE TURNED OVER TO THE OWNER AT JOS COMPLETION
- LIGHTHM CONNECTIONS ON ALL MULTI-CIRCUITS WITH COMMON NEUTRAL, CONDUCTOR FOR LIGHTHM PROTURES.
- WIT CONDUCTORS SHALL BIS COUNTRY
- ALL CRICUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRAPTING SHORT CRICUIT CURRENT TO WHICH THEY MAY BE SUBJECTED, AND A MINIMUM OF 10,000 A I C
- THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES
- PATCH, REPARE AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK.
- PENETRATIONS IN FIRE RATED WALLS SHALL BE FIRE STOPPED IN ACCORDANCE WITH A SHALL COLL BUILDING COOCS WEST, AND CHALLS CONDUCTORS SHALL SIE COPPUS BY AND MININGA UNLESS SPECIFICALLY NOTED OTHERWISE ON DISAMBAGE.
- ALL MATERIALS SHALL BE U.L. LISTED.

- NECO COMMENT SHALL BE VILL WARE, DAN VINZED SHOT CONTEX WITH SHE HISTORY AND SHALL BE VIDEN WERE INSTITULED BY ONE DOCUMENT SHALL BE NO CONTACT.
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- PARALLEL L'ANDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40 (UNLESS NOTED) OTHERWISS) AT A MINIMUM (DETH) OF 30 BELCW GRADE: STACKED UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40 (UNLESS NOTED OTHERWISE) AT A MINIMUM DEPTH OF 24" BELCW GRADE
- ALL ELECTRICAL EQUIPMENT SHALL BE LABELED WITH PERMANENT ENGRAVED PLASTIC LABELS. ABOVE GROUND CONDUIT SHALL BE PLY C. SCHEDULE BD (UNLESS NOTED OTHERWISE
- UPON COMPLETION OF WORK CONDUCT CONTINUITY, SHORT CIRCUIT, AND FALL DE POTENTIAL GROUND TESTS FOR APPROVAL. SUBMIT TEST REPORTS TO PROLIECT MANAGER. CLEMPREMISES OF ALL DEBRIS RESULTING FROM WORK AND LEAVE WORK IN A COMPLETE AND UNDAMAGED CONDITION.

Know what's below. Call before you dig.

> T··Mobile· stick together

LAMS PREPARED BY: 5

W-T COMMENSCATION
DESIGN GROUP, LLC.

PECONING PROPERTY OF THE PROPE

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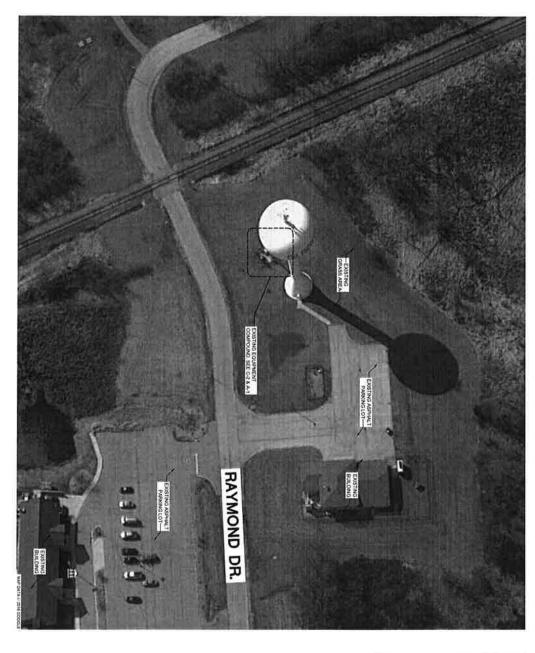
GILBERTS WATER TANK

330 RAYMOND DRIVE GILBERTS, IL 60136 W-7 CO NAMED 190130 SHEET TITLE:

CH47687A

SPECIFICATIONS NOTES & GENERAL

HEET NUMBER: -



GENERAL CONTRACTOR WILL NOT START
CONSTRUCTION UNTIL AFTER THEY HAVE RECEIVED
THE PRE-CON PACKAGE AND HAVE A PRE-CON
WALK WITH THE PROJECT MANGER

GENERAL CONTRACTOR TO HIRE PUBLIC (811) AND PRIVATE LOCATING SERVICE IN ORDER TO LOCATE AND PROTECT ALL SURFACE UTILITIES. DO NOT SCALE OFF THESE PLANS FOR ANY BELOW GRADE UTILITIES.

ONTRACTOR TO VERIFY ALL HEIGHTS AND SUMLTHS IN FIELD PRIOR TO CONSTRUCTION ONTRACTOR SHALL NOTIFY T-MOBILE AND NCINCERING FIRM OF ANY DISCREPANCIES FFORE PROCEEDING.

TransMobile stick together stick together some norther sure to otherwise some to other some to other

знеет нимвея: —— С-1

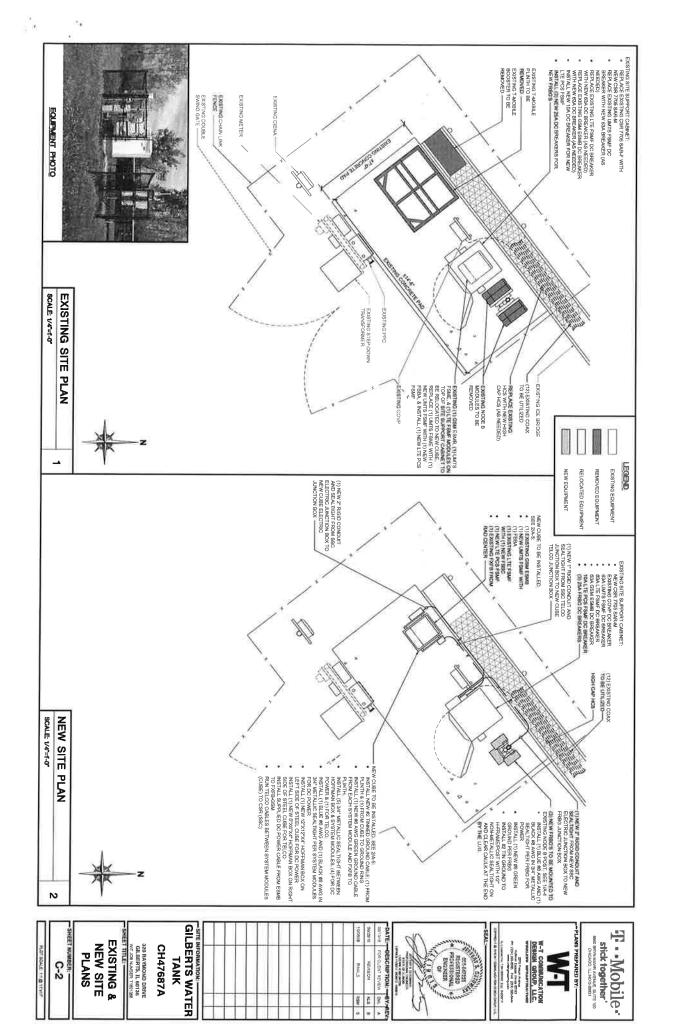
OVERALL SITE PLAN

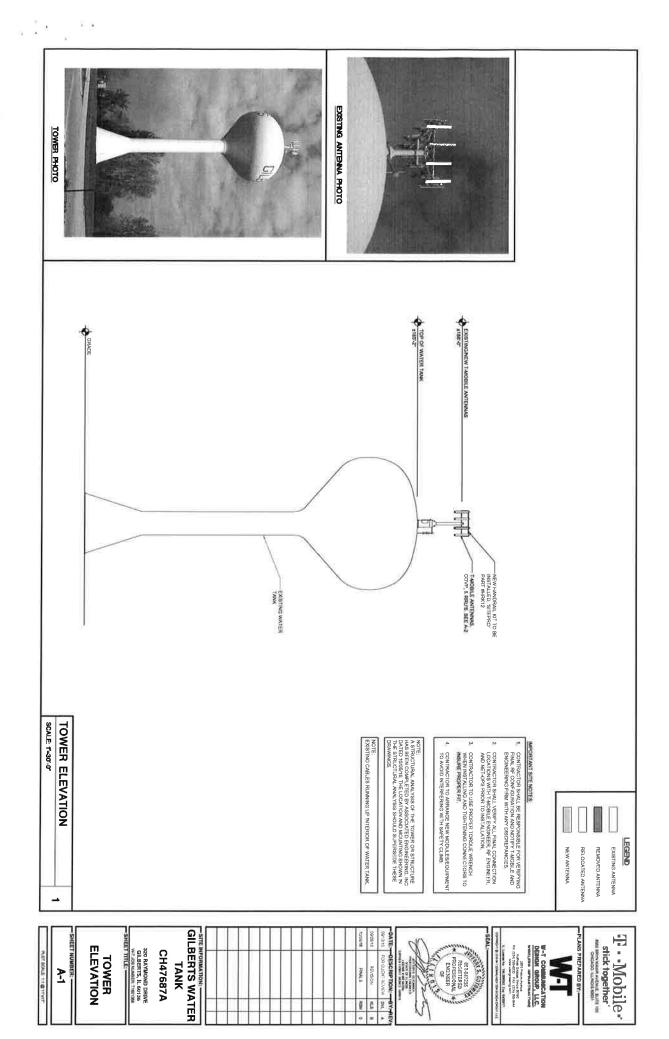
OVERALL SITE PLAN

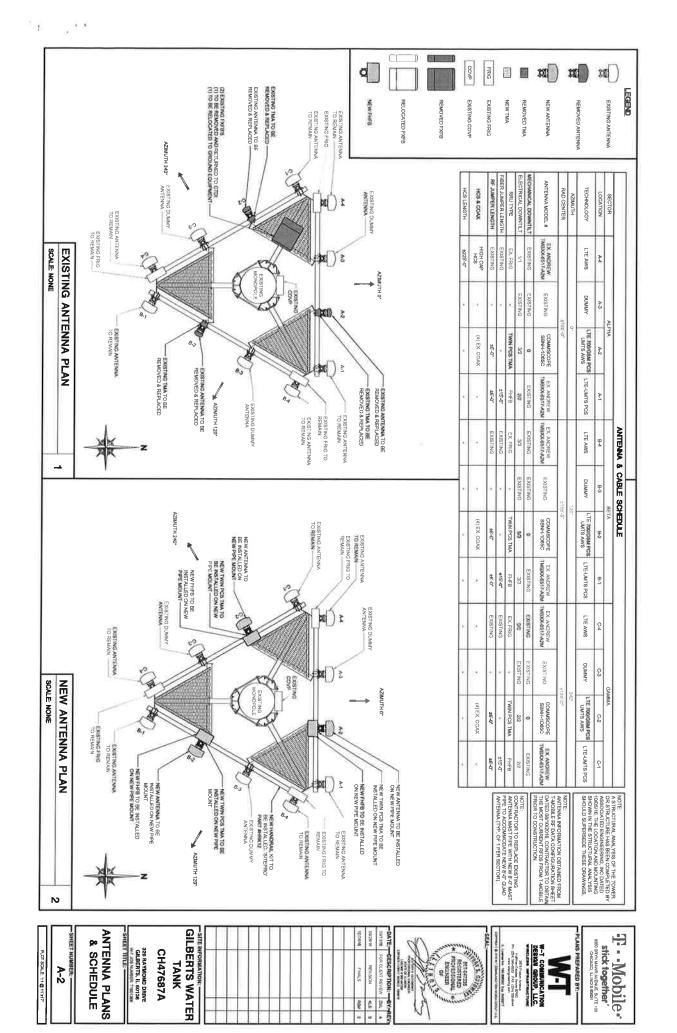
320 RAYMOND DRIVE GILBERTS, IL 60136 W7 JOHNJUSER T1001308

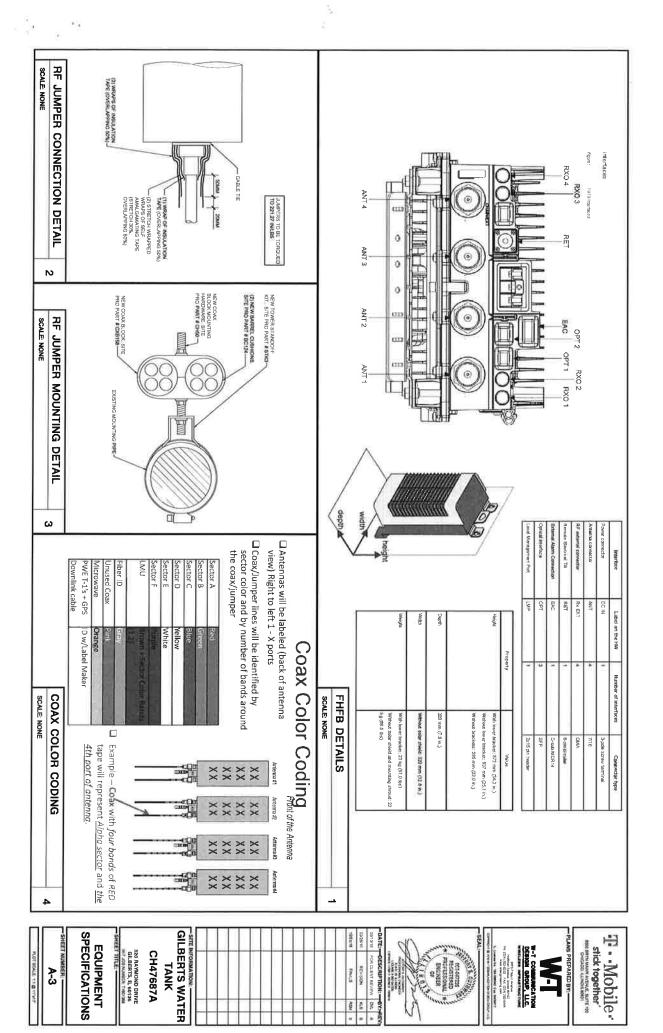
CH47687A

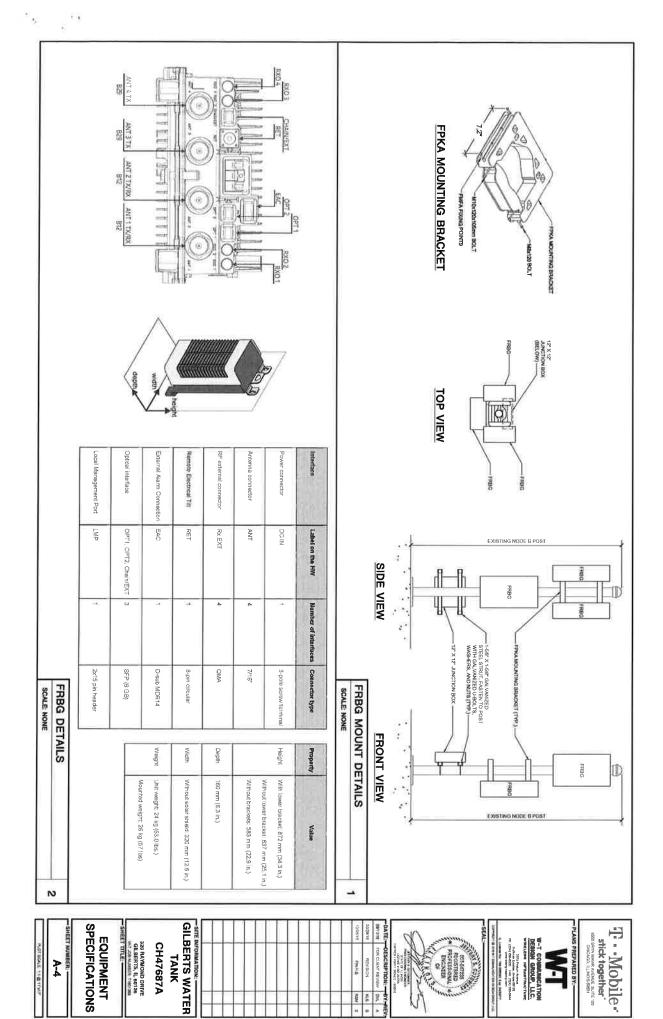
GILBERTS WATER
TANK

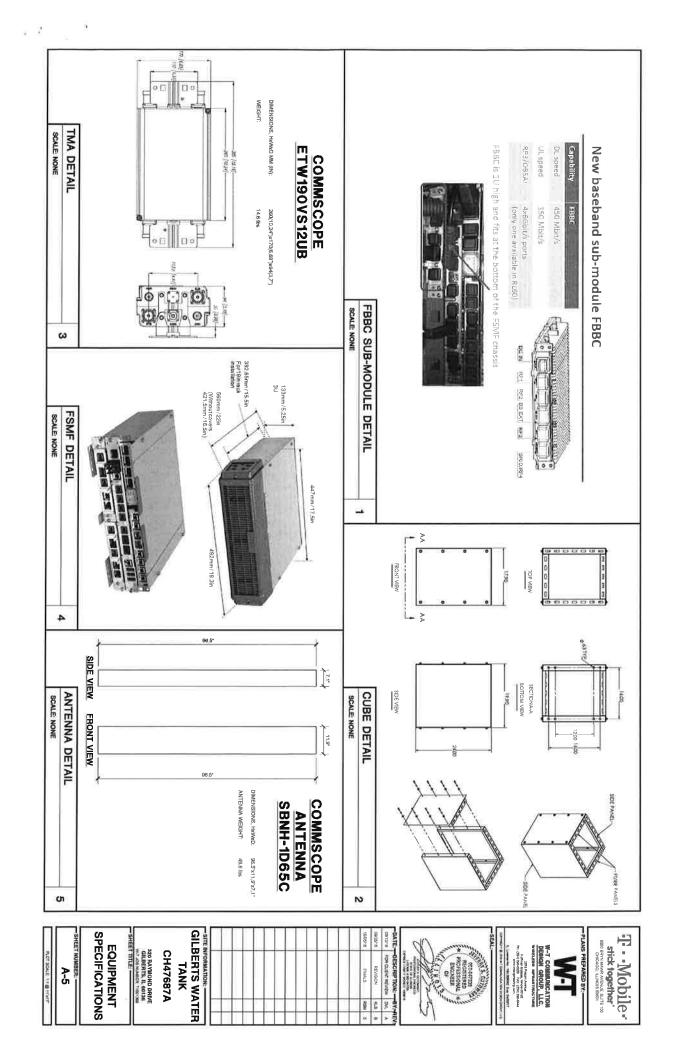


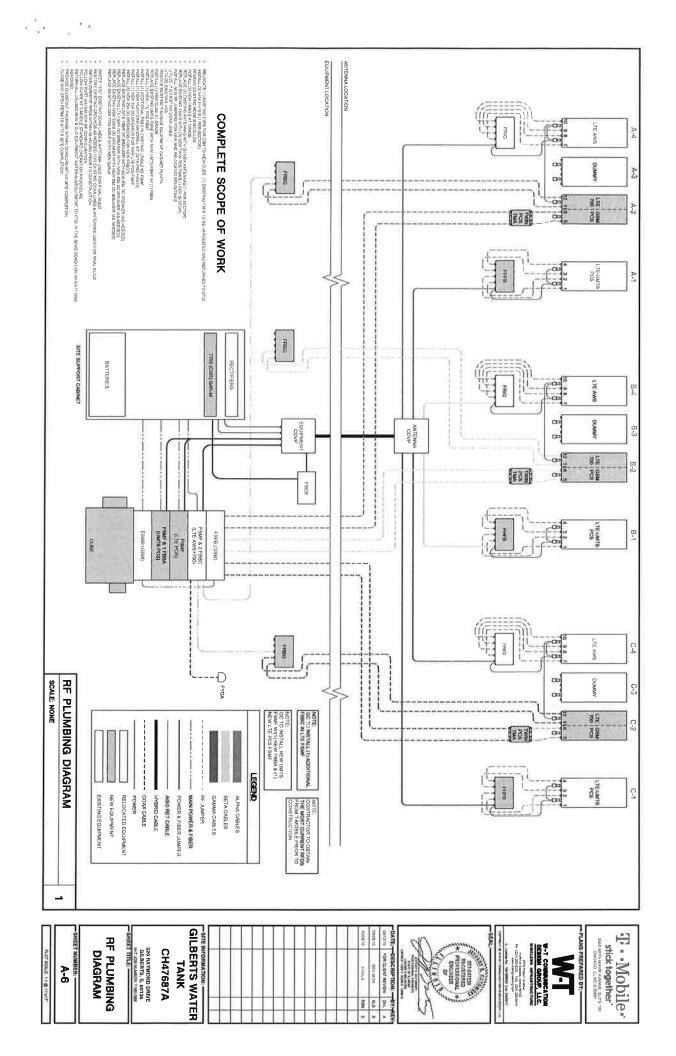












THE MATERIAL REPORT OF THE PROPRIES OF THE ATTENNA GOOD AND AS IS SHOWN. THE CONTROL OF THE PROPRIES OF THE PROPRIES OF THE ATTENNA GOOD AND AS IS SHOWN. THE CONTROL OF THE PROPRIES OF THE 1.0.DEFINITIONS AGB: ANTENNA GROUND BAR GROUNDING STANDARDS: 1. IMATERIALS TO TAKE A BASE SOLD TIMED COPERS WAS EVANUE STEAD OF CONDUCTORS AND TO TAKE A BASE SOLD TIMED COPIEST ON SO THERWAS EVANUED CROUNDED TO THE TO THE BASE SOLD TIME COPIEST ON THE TO THE COPIEST OF THE COPIEST WHET TO THE USE SALE IF CAREFUL ANGETED TO THE GROUND RANGE ON A COMETTED TO THE SIASS BASE AND CONNECTED TO THE GROUND RANGE ON A GROUND RANGE OF THE SIASS BASE AND CONNECTED TO THE GROUND RANGE ON A 3.0 STATION GROUNDING SYSTEM WASTER GEOLOGY BEALENDS). THE PUPPOSE OF THE WASTER GEOCHD MARK 18 TO GROWN THE TREAT DATA OF CREEK THAT LOCK GESTER SHOULDNESS. HE WAN DIS IS NOT RECIPIENCE ANY ZELF. IN INC. CONTRESAS DECIPIENT THE TRACE POSSESS AT THE BEALEN WASTER OF THE TRACE OF T ALCERGAMENT AT THE GROWNING STEET THE ALCERANCE REPORTED AND, ISE SETTING THE CONTRIBUTION OF THE CONTRIBU LIGHT NO. CHANGE HET NO. LIGHTINNS DAMAGE COCHES FROM ETHER NOUTTON OR THE TOTAL THREE TO THE TOTAL THREE TO THE BUDDING. ISALIVE J'ARREN THROUGH THE TOWER AND RAITENINAS STRIKES TO OTHER NUGARE FLUCTUR. SHOUGH HOF THE FROM THE BUDDING. ISALIVE J'ARREN THE BUDDING SALIVE JUDGING THE STREET HET CHANGE TO THE BUDDING. THIS TYPE OF EFFECT HISTOROCALLY CHANGES MOST OF THE DAMAGET TO THE BUDDING WHO SOCKIENTS. AREAS OF CONCERN: WHEN DESIGNING A GROUNDING SYSTEM FOR A MOBILE RADIO FACILITY THERE ARE FOUR INTERRELATED AREAS OF CONCERN THE BASIC OBJECTIVE FOR EACH IS. ALL LUG TUBE FASTENERS SHALL PROVIDE TWO HOLES TO ALLOW A DOUBLE BOLT CONNECTION. BOLTS, NUTS AND SCREWS USED TO FASTEN MECHANICAL CONNECTORS SHALL BE STAINLESS STEEL WITH STAR TYPE STAINLESS STEEL LOCK WASHERS. MECHANION, FASTENIERS (E., DOUBLE LUGS, SPILT BOLTS PARALLEL CONNECTORS) SPALL DE BRONZE, BOANS COPPER ON STANLESS STEEL AND HAVE NOALOX BETWEEN CONDUCTOR AND CONNECTION. DOUG CONSER PLATEII OF WARMEN THAT HE SEE AS SPECIFIED. ABOVE GRADE CONNECTIONS SHALL HE BURNDY HYGROLIND COMPRESSION BELOW GRADE CONNECTIONS SHALL BE BURNEY HYGROLIND COMPRESSION BELOW EXOTHER APPROVED EXOTHERMIC WELD NOT HER APPROVED EXOTHERMIC WELDING SYSTEM FOR BONDING AS SPECIFIED. NOALOX OR APPROVED EQUAL CONDUCTIVE MEDIUM MATERIAL SHALL BE USED IN ALL MECHANICAL CONNECTIONS. SW X 10 GROUND RODS OF SOLID COPPER, STAINLESS STEEL OR COPSTRENGTH STEEL ELECTROSTATIC CONTROL TO REDUCE ELECTROSTATIC DISCHASSIC PROBLEMS XIT OR ADVANCED GROUNDING ELECTRODE (AGE), ALL CHEWICAL GROUND RODS SHALL BE UL APPROVED. #2 AWG INSULATED STRANDED COPPER CABLE IS ACCEPTABLE FOR INTERIOR GROUND BAR CONDUCTORS ON TENANT IMPROVEMENT SITES. PERSONNEL SAFETY JO MAINTAIN A MINIMUM VOLTAGE DIFFERENCE BETWEEN ANY TWO METALLIC OBJECTS WHICH PERSONNEL MIGHT CONTACT SMULTANEOUSLY. RFI FOR NOISE INDUCTION CONTROL-TO ESTABLISH THE LOWEST POSSIBLE IMPEDANCE AMONG ALL EQUIPMENT. LIGHTNING PROTECTION -TO MAINTAIN ALL EQUIPMENT AT THE SAME POTENTIAL DURING A LIGHTNING IMPULSE. TOWER GROUND BAR RADIO FREQUENCY INTERFERENCE INTERNATIONAL BALBYIN 3.10 GENERAL, NOTES: ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE 35. ANTENNA GROUNDING BACH ANTENNA CHAKKAL CABLE SHALL THROLLLY BE GROUNDED AT THREE POINTS USING A HARD-SHELL CHARLE KET FROM THE MAILIFACTURER O THE ANTENNA CHIEL B. THROPAL INSTALLATION SHALL BE AS FOLLOWS. 10 TERMO, THE OUTSIES ER ONLE DIN ON SAME RESTORMERS HER HESTLANTON ON FRIEND AND THE AND THE PROPERTY OF THE ORDER OF THE PROPERTY OF THE ORDER ORDER OF THE ORDER ORD ALL SUPERACES REQUIRED FROM TO A FROM TO A FROM TO A FROM TO A FROM TO SOUTHING OF EITHER SOUTHERNOW, BLOD BY BURNOY FASTERINESS, CHANNIZED SURFACES SHALL BE GROUND OR SUNEET OF THE POWY OF EXPOSING THE STEEL SURFACE BELOW, PRIOR TO BONDING THE GROUND COMPETE SUFFICIENCY COMPETED FROM TO BONDING THE GROUND COMPETED FOR CITIER SURFACES NOT LIBITION COMPETED. GOOTHEMALORIEGA. BENNOT CARRESTICAS SANLI BOND AL LINCERGROLPO AND ESCRIPTORIS AND ENTRE PERESTIA ARTERIANA GRADADE MASS I ACES IS RESELVATORIS AND ENTRE PROPERTION DE ANO TIEM ACESTE ROCCUDIO NA MARIE IN ESCANACIA. CONNECTIONES SANLI BET PROPLATI VISED TO SANO ALI. IN TERRIS EQUANICIA. CONNECTIONES TOTIS AND BONDA SANLI BET PROPLATI FOR THE PROPERTIES OTTIS AND ENTRE PROPLATI FOR THE PROPLATION OF THE PROPERTIES OTTIS AND ENTRE PROPLATION OF THE PROPLA SIGNET, MARKETSKYCHOON, MAN, THE PLANDERS OF HE'S SIRKET MARKETSKY OR ORD, MAN SHA KE SIRKET MARKETSKY OR ORD, MAN SHA KE SIRKET MAT STILL THE STATE S <u>LIMTS OF BEND RADIUS</u> IT IS IMPORTANT THAT THE GROUNDING CONDUCTOR CONNECTING THE INSIDE AND OUTSIDE GROUND SYSTEMS BE AS STRAIGHT AS POSSIBLE CONNECTING THE INSIDE AND OUTSIDE GROUND SYSTEMS BE AS STRAIGHT AND THE FOOT RADIUS MITH AN TURN OR BEND SHAPETER THAILONE COT RADIUS WITH A THREE FOOT RADIUS PREFERRED, NO RIGHT ANGLE OR SHARP BENDS SHALL BE ALLONED CONNECT COAX GROUND KITS TO GROUND BUS AT TOP OF TOWER. CONNECT RF MODULE GROUND TO GROUND BUS AT TOP OF TOWER. CONNECT COAX GROUND KITS TO MASTER GROUND BAR AT BASE OF TOWER WIT ETSCLANDE LIENT SHAFT BE INT PAGEOMODIS CREEKED. "HE THEODRIAGO SHALLE (IN THE SOURLE MEMBETICE CHILAND TO BE AT A THEOD TO THE CABLE IN A STRONG IT RUNS HAVE THE WHITE MEMBET AND BE WEST-REPROCED FOR THE WAN HAVE LIVERED SECTIFICATIONS. THE SURGE ARRESTORS SHALL BE GROUNDED TO THE GROWN DEAR. THE WAS SHALL THE TOWER SHALL BE CHILDED TO SHALL DECREASED IN PROCEDE SHALL HAVE THE TOWER SHALL BE CARREST HAVE CHARGE SHALL BE CONTROL THE STRONG SHALL THE TOWER GROUND ANCE, THESE SHALL BE CROSSED IN PROCEDE THE COMMUNICATION OF THE BEST OF THE STREAM THE FIRST GROUND CONNECTION SHALL OCCUR AS CLOSE TO THE ANTENNA AS POSSIBLE BELOW THE FIRST POINT THE COCAX CUBLE BEGINS TO RUN VERTICAL DOWN THE TOWNER THE SCRUCING SHALL TERMINATE DIRECT TO THE TOP AGE ON A CONTROL OF THE ADMINISTRATION OF PLAN DRAWNICK SICHEN HEISEN ARE DIADRAMMATIC AND DO NOT HIGHSTARKY SEPCET THE EXACT SICHENSITY CLANSTERS, LOCATION, LAYOUT AND CONTIQUATION REFIELD ABOUTECTIONAL PLANS FOR EXACT SCHEMENT LOCATION, LAYOUT AND CONTIQUANTON GROUND COAXIAL CABLE SHIELDS AT BOTH ENDS WITH COAX CABLE GROUNDING KITS A INSTALL WEATHER PROOFING KIT AT EACH CONNECTION. PROVIDE ALL LABOR AND MATERIAL DESCRIBED ON THIS DRAWING, AND ALL ITEMS INCIDENTAL TO COMPLETING AND PRESENTING THIS PROJECT AS FULLY OPERATIONA NUMBER OF ANTENNAS REPRESENTED IN THIS DETAIL ARE FOR SHOWING CLARITY OF GROUND SYSTEM REQUIREMENTS ONLY. SEE RF INFO FOR ANTENNA QUANTITY. PLAN DRAWINGS SHOWN HEREIN DO NOT NEGESGARLY DEPICT ELECTRICAL REQUIREMENTS OF NUXYIDUAL EQUIPMENT AND DEVICES SUCH AS THE EQUIPMENT GROUNDING RECUIREMENTS, POWER REQUIREMENTS AND TELCO RACEWAY RECUIREMENTS. AL, EQUINAGE FANNASED DY OFFICE SALE IS PROVIDED WITH FROMER MOTORS SPECIAL NO SOME THAN SELECT OF THE SALE IS PROVIDED WITH FROME MOTORS SPECIAL NO SOME THAN SALE IS TO THAN SECURITION OF MOTOR AND SELECT OFFICE AND SELECT OFFI CONTRACTOR TO OBTAIN ALL PERMITS, PAY PERMIT FEES, AND BE RESPONSIBLE FOR SCHEDULING INSPECTIONS ALL EXOTHERMIC WELDS ABOVE FINISHED GRADE SHALL BE PAINTED WITH CO-GALVANIZED ZING ENRIGHED PAINT TO MATCH COLOR OBJECT BONDED TO AGRIUNDING CONNECTIONS SHALL BE EXOTHERMIC TYPE ("EXOTHERMIC WELD) TO ANTENNA MASTIS, AND THE GROUND BARS, REMAINING GROUNDING CONNECTIONS SHALL BE SOME THE CONNECTIONS." MICHIG COMDUCTIORS SHALL BE COPPER OR SOLID TINNED COPPER ALL ECTIONS MADE BELOW GRADE SHALL BE SOLID TINNED COPPER ALL ECTIONS ABOVE CRADE STRANDED IS PERMITTED. NDING SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE nen . TAME J FREG TYPICAL ANTENNA SECTOR EXETTING ANTENNA GROUND BAR (NO. 1 PER SECTION) (TYP OF 1 PER ANTENNA PIPE MOUNT) NEW AT AWO SOLID TINNED GROUND WIRE FROM NEW ANTENNA MAST PIPE TO ANTENNA SECTOR GROUND BAR (TYP.) NEW MEAND STRANDED CHEEN JACKETED GROUND WIRE TO NEW FIFE & THA FROM ANTENNA SECTOR GROUND BAR (TVP.) EXISTING GROUND WIRE TO LOWER TOWER CHOUND BUR GROUNDING RISER SCALE: NONE COVP EXISTING GROUND RING SSCRWIN RESTORE EXISTING GROUNDS AS NEEDED FOR EXISTING COAX LINES AND ANTENNAS USED FOR FINAL BUILD. 0 DELTA SSC TO SSC PLINTH. #2 AWG STRANDED GREEN JACKETED GROUND WIRE UNISTRUT COVPIFSEB FRAME TO GROUND RING: #2 AWG SOLID TINNED COPPER GROUND WIRE IN 1/2" NON-METALLIC SEALTIGHT, AND CAULKED. COVP TO MASTER GROUND BAR: #2 AWG STRANDED GREEN JACKETED GROUND WIRE FSEB TO MASTER GROUND BAR: #6 AWG STRANDED GREEN JACKETED GROUND WIRE SSC PLINTH TO GROUND RING: #2 AWG SOLID TINNED COPPER GROUND WIRE IN 1/2' NON-METAILIC SEALTIGHT, AND CAULKED. SYSTEM MODULES TO SYSTEM MODULE PLINTH: #5 AWG STRANDED GREEN JACKETED GROUND WIRE LTE FSMF LTE FSMF CUBE NEW GROUNDING WIRE NEW ANTENNA/EQUIPMENT EXISTING ANTENNA/EQUIPMENT EXOTHERMIC WELD EXISTING GROUNDING WIRE RELOCATED ANTENNA/EQUIPMENT MECHANICAL CONNECTION/DOUBLE HOLE LUG TYPE CONNECTION NOTE CONTRACTOR TO INSTALL/REPLACE NEW OR MISSING GROUND BARS AS REQUIRED ECEND OATE OESCRIPTION: ON AEVA GILBERTS WATER 320 RAYMOND DRIVE GILBERTS, IL 60136 WY COLUMBIE 198536 SHEET TITLE: T··Mobile·

GROUNDING

DETAILS

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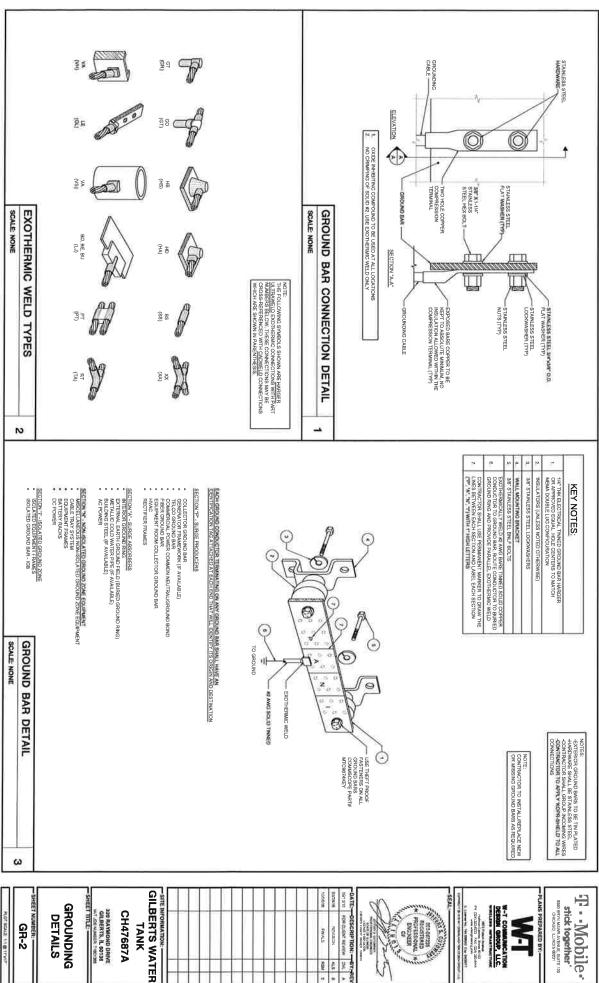
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PH (224) 222-0244

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