

Site Name: Robinson Water Tower

Site ID #: OK23XC117

AMENDMENT NO. 1 TO LEASE AGREEMENT

This Amendment No. 1 to Lease Agreement (this "**Amendment**"), effective as of the date last signed below ("**Effective Date**"), amends a certain Lease Agreement between Sprint Spectrum Realty Company, L.P., a Delaware limited partnership, successor in interest to Sprint Spectrum L.P., a Delaware limited partnership ("**Lessee**"), and Norman Utilities Authority, a Public Trust ("**Lessor**"), dated April 24, 2007 (the "**Agreement**").

BACKGROUND

WHEREAS, Lessee desires to modify its installation on the Leased Premises by adding or swapping out antennas and other equipment to the equipment, as more particularly described in Exhibit A-1 annexed hereto, and Lessee and Lessor desire to modify the provisions of the Agreement as provided below.

AGREEMENT

For good and valuable consideration the receipt and sufficiency of which are acknowledged, Lessor and Lessee agree as follows:

1. **Modification to The Equipment.** Exhibit A to the Agreement is hereby amended to include the modifications identified on Exhibit A-1, a copy of which is attached and made a part hereof. Exhibit A-1 supplements Exhibit A to the Agreement, and shall not be deemed to supersede or otherwise modify Exhibit A or any part thereof except to the extent specifically set forth in Exhibit A-1. Upon full execution of this Amendment, Lessee is permitted to do all work necessary to prepare, maintain and alter the **Leased** Premises to install or otherwise modify the equipment, all as more fully described and contemplated in Exhibit A-1

2. **Frequency Use.** Provided that any frequencies used by Lessee will not cause interference with the properly licensed and permitted pre-existing frequencies in use or in operation at the equipment and notwithstanding anything to the contrary contained herein, Lessee may operate the equipment at any frequencies for which it has all requisite permits, leases or licenses.

3. **Modification to Monthly Rental.** As additional consideration for the modification and other rights set forth in this Amendment, starting on the date that is 30 days after the start of construction of the modifications to the equipment, the monthly rent will be increased by Eight Hundred Six and No/100 Dollars (\$806.00). Notwithstanding anything set forth in the Agreement, commencing on the anniversary date of the Agreement, the monthly rent will be increased annually by Four Percent (4%) of the then current monthly rent.

4. **Notice Address.** The notice addresses in Section Article XIII of the Agreement or referenced therein for the party or parties listed below are hereby deleted in their entirety and replaced with the following:

To Lessee: Sprint/Nextel Property Services
Sprint Site ID: OK23XC117
Mailstop KSOPHT0101-Z2650
6391 Sprint Parkway
Overland Park, Kansas 66251-2650

With a mandatory copy to: Sprint/Nextel Law Department
Sprint Site ID: OK23XC117
Mailstop KSOPHT0101-Z2020
6391 Sprint Parkway
Overland Park, Kansas 66251-2020
Attn.: Real Estate Attorney

Site Name: Robinson Water Tower

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5. General Terms and Conditions.

- a. All capitalized terms used in this Amendment, unless otherwise defined herein, will have the same meaning as the terms contained in the Agreement.
- b. In case of any inconsistencies between the terms and conditions contained in the Agreement and the terms and conditions contained in this Amendment, the terms and conditions herein will control. Except as set forth below, all provisions of the Agreement are ratified and remain unchanged and in full force and effect.
- c. This Amendment may be executed in duplicate counterparts, each of which will be deemed an original.
- d. Each of the parties represents and warrants that it has the right, power, legal capacity and authority to enter into and perform its respective obligations under this Amendment.

*****SIGNATURES ON FOLLOWING PAGE*****

Site Name: Robinson Water Tower

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The parties have executed this Amendment as of the Effective Date.

Lessor:

Norman Utilities Authority,
a Public Trust

Lessee:

Sprint Spectrum Realty Company, L.P.,
a Delaware limited partnership

By: _____
Printed Name: Jim Griffith
Title: Vice-Chairman
Date: _____
(Date must be completed)

By: Matthew Bell
Printed Name: Matthew Bell
Title: Manager Real Estate
Date: 6/25/2013
(Date must be completed)

APPROVED BY CITY OF NORMAN LEGAL DEPARTMENT
BY [Signature] DATE 7/17/13

ATTEST:

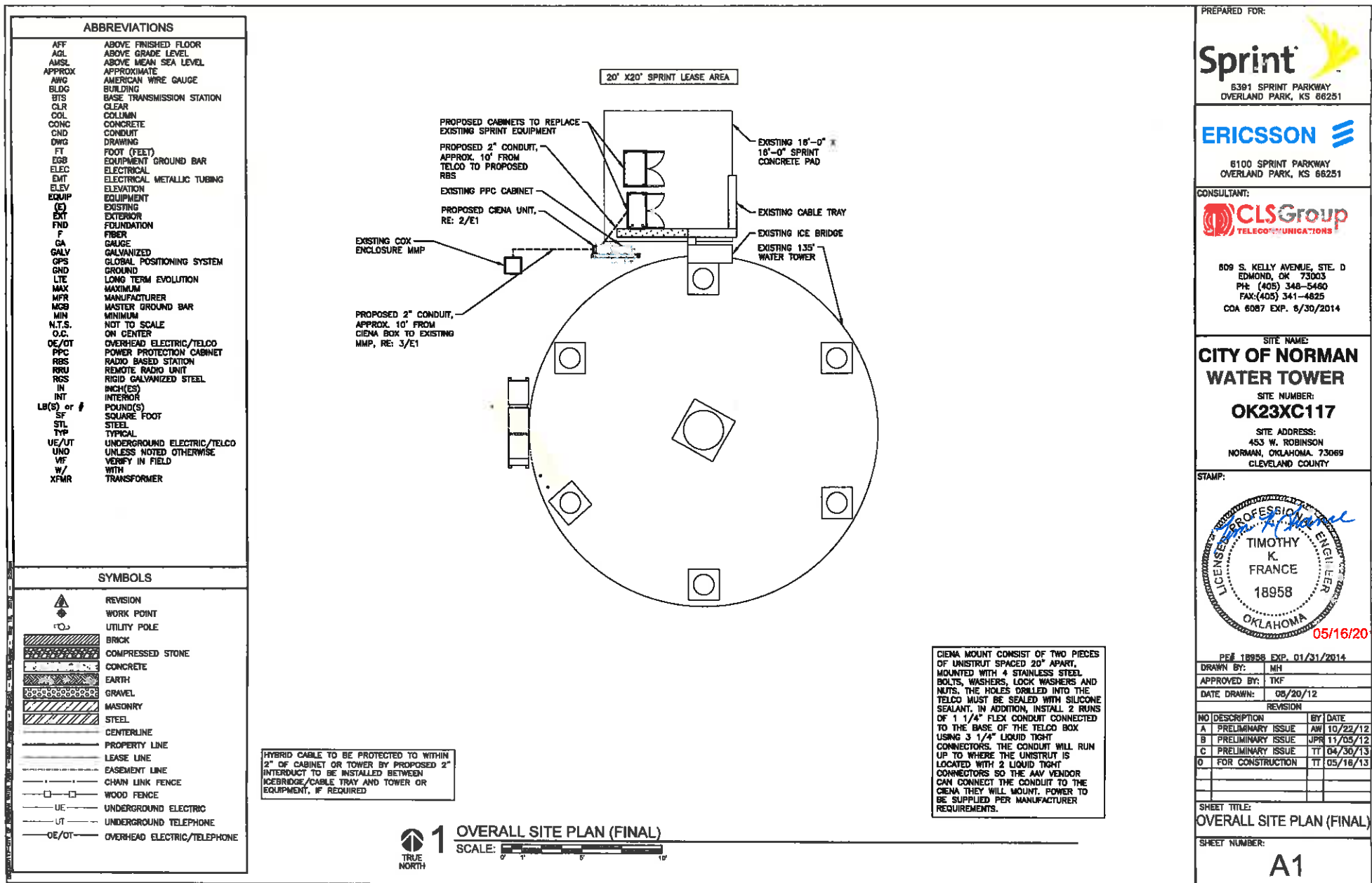
Secretary

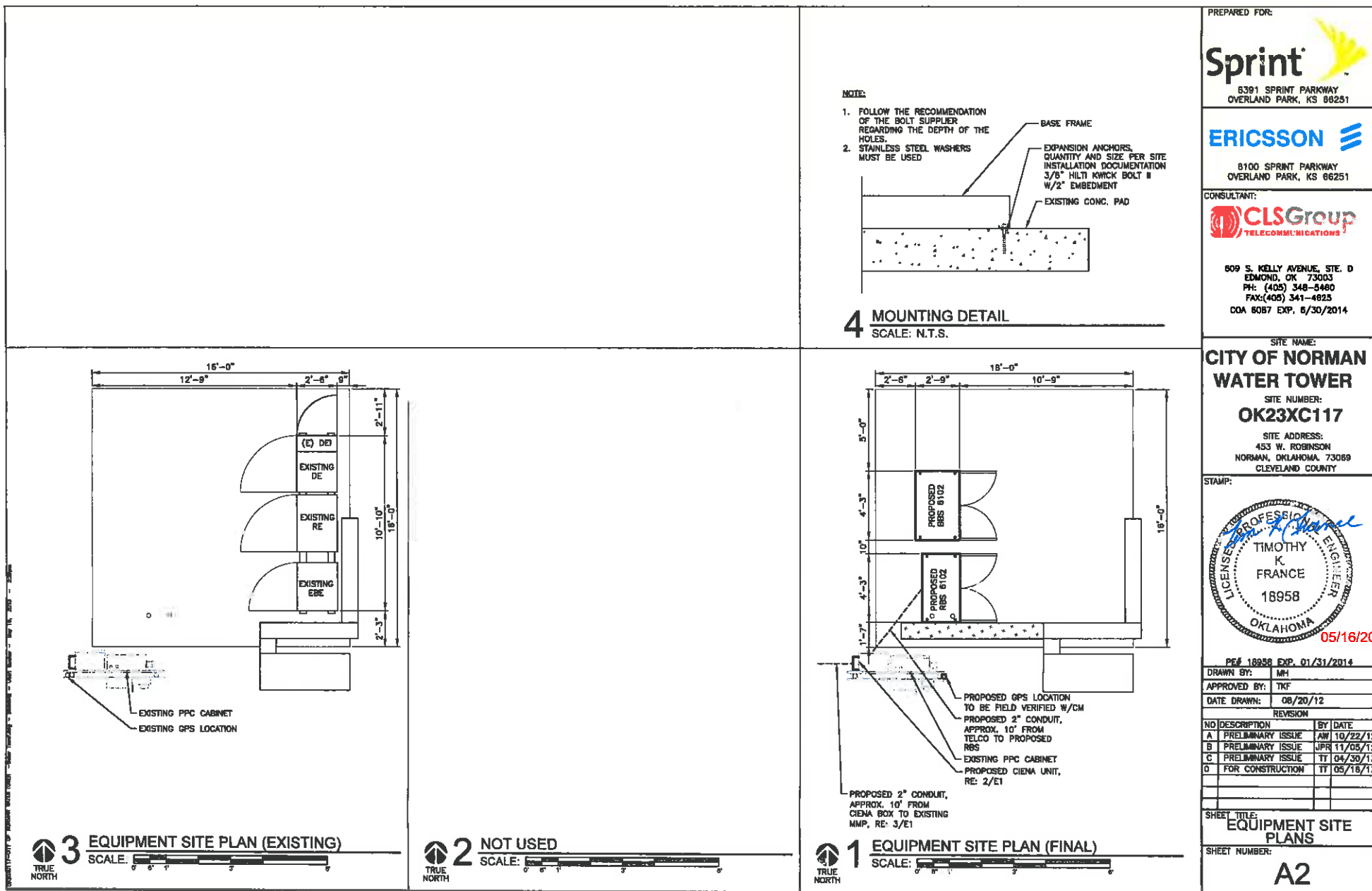
Site Name: Robinson Water Tower

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Exhibit A-1

[see attached]





PREPARED FOR:



6391 SPRINT PARKWAY
OVERLAND PARK, KS 66251

ERICSSON

8100 SPRINT PARKWAY
OVERLAND PARK, KS 66251

CONSULTANT:



609 S. KELLY AVENUE, STE. D
OVERLAND PARK, KS 66203
PH: (405) 348-5480
FAX: (405) 341-4825
COA 6087 EXP. 6/30/2014

CITY OF NORMAN
WATER TOWER

SITE NAME:
SITE NUMBER:
OK23XC117

SITE ADDRESS:
453 W. ROBINSON
NORMAN, OKLAHOMA 73069
CLEVELAND COUNTY

PROFESSIONAL ENGINEER

TIMOTHY K. FRANCE
18958
OKLAHOMA

05/16/2014

DRAWN BY: MH
APPROVED BY: TIF
DATE: 08/20/12
REVISION: 08/20/12

NO. DESCRIPTION DATE BY DATE
A1 PRELIMINARY ISSUE JAN 10/22/12
B1 PRELIMINARY ISSUE APR 17/05/12
C1 PRELIMINARY ISSUE IT 04/30/13
01 FOR CONSTRUCTION IT 05/16/13

SHEET TITLE: SITE ELEVATION & ANTENNA DETAILS
SHEET NUMBER: A3

NOTES:

- CONTRACTOR TO FIELD VERIFY ANTENNA CABLE LENGTHS.
- ALL CABLES MUST BE COLORED TO IDENTIFY THEIR LOCATIONS.
- COLOR CODE ALL ANTENNA AND COAX WITH 2" WIDE BANDS OF COLORED TAPE WITH 1" SEPARATION BETWEEN BANDS.
- COLOR CODE ALL TOP AND BOTTOM GROUND RITS WITH 1" WIDE BANDS OF COLORED TAPE WITH 1/2" SEPARATION BETWEEN BANDS.
- START COLOR BANDS 2" BEYOND WEATHERPROOFING.
- START SECTOR COLOR NEXT TO END CONNECTOR.
- ALL MAIN CABLES WILL BE GROUNDING W/ COAXIAL CABLE GROUND RITS.
- THE ANTENNA LEVEL:
 - MID LEVEL IF TOWER IS OVER 200'
 - BASE OF TOWER PRIOR TO TURNING HORIZONTAL
- ALL TOWER AND ANTENNA DOWNLEADS ARE TO BE CUMULATED TO THE EXISTING ADJACENT GROUND BAR DOWNLEADS A MINIMUM DISTANCE OF 4FT BELOW GROUND BAR.

COAXIAL ANTENNA CABLE NOTES:

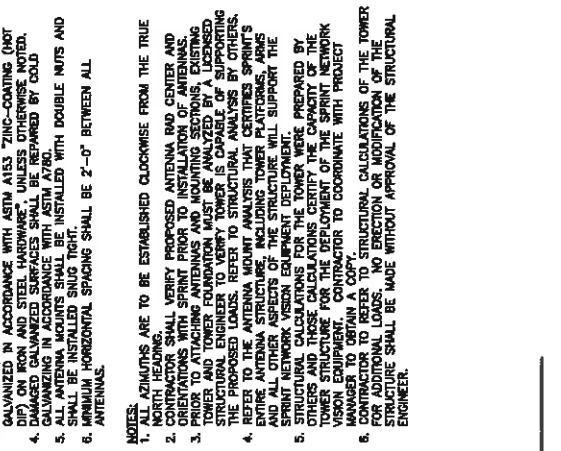
- THE ANTENNA COAXIAL CABLE INSTALLER SHALL BE RESPONSIBLE FOR PERFORMING AND SUPPLYING SPRINT WITH 3 TYPEWRITTEN SWEEP TESTS (ANTENNA RETURN LOSS TEST). THIS TEST SHALL BE PERFORMED TO THE SPECIFICATIONS AND PARAMETERS OBTAINED BY THE SPRINT NETWORK VISION EQUIPMENT DEPARTMENT.
- PERFORMED PRIOR TO FINAL ACCEPTANCE OF THE SITE.
- THE COAXIAL ANTENNA CABLE INSTALLER SHALL BE RESPONSIBLE FOR PERFORMING AND SUPPLYING SPRINT WITH 3 TYPEWRITTEN TIME DOMAIN REFLECTOMETER (TDR) TESTS TO VERIFY CABLE LENGTH AND TO CHECK FOR WATER DAMAGES.
- WATER WIPER WILL BE USED TO SEAL ALL CONNECTIONS.
- ALL JUMPEES TO THE ANTENNAS FROM THE MAIN TRANSMISSION LINE WILL BE 1/2" JUMPEES AND SHALL NOT EXCEED 6'-0". MAXIMUM LENGTH FOR THE JUMPEES AT WMAX BITS UNITS WILL BE 6'-0".
- IF COAX IS BEING RE-USED FOR THIS INSTALLATION, PRE AND POST ANTENNA LINE SWEEPS ARE REQUIRED.

ANTENNA MOUNTING NOTES:

- DESIGN AND CONSTRUCTION OF ANTENNA SUPPORTS SHALL CONFORM TO CURRENT SPRINT ANTENNA MOUNTING STANDARDS AND ANTENNA STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES OR APPLICABLE LOCAL CODES.
- ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIPPED GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS" UNLESS OTHERWISE SPECIFIED.
- ALL STEEL ANTENNA SUPPORTS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT DIP) ON IRON AND STEEL HARDWARE" UNLESS OTHERWISE NOTED.
- DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING IN ACCORDANCE WITH ASTM A790.
- ALL ANTENNA MOUNTING SURFACES SHALL BE INSTALLED WITH DOUBLE NUTS AND SHALL BE INSTALLED AND TIGHTENED.
- MINIMUM HORIZONTAL SPACING SHALL BE 2'-0" BETWEEN ALL ANTENNAS.

NOTES:

- ALL AZIMUTHS ARE TO BE ESTABLISHED CLOCKWISE FROM THE TRUE NORTH READING.
- CONTRACTOR SHALL FIELD VERIFY PROPOSED ANTENNA END CENTER AND ORIENTATIONS WITH SPRINT PRIOR TO INSTALLATION OF ANTENNAS.
- PRIOR TO ATTACHING ANTENNAS AND MOUNTING SECTIONS, EXISTING TOWER AND TOWER FOUNDATION MUST BE ANALYZED BY A LICENSED STRUCTURAL ENGINEER. THE PROPOSED LOADS REFER TO STRUCTURAL ANALYSIS BY OTHERS. THE PROPOSED LOADS REFER TO STRUCTURAL ANALYSIS BY OTHERS.
- REFER TO THE ANTENNA MOUNT ANALYSIS THAT CERTIFIES SPRINT'S ENTIRE ANTENNA STRUCTURE, INCLUDING TOWER PLATFORMS, ARMS AND ALL OTHER ASPECTS OF THE STRUCTURE WILL SUPPORT THE SPRINT NETWORK VISION EQUIPMENT DEPARTMENT.
- ALL ANTENNA MOUNTING AND TOWER STRUCTURE PREPARED BY OTHERS AND THOSE CALCULATIONS CERTIFY THE CAPACITY OF THE TOWER STRUCTURE FOR THE DEPLOYMENT OF THE SPRINT NETWORK VISION EQUIPMENT.
- CONTRACTOR TO COORDINATE WITH PROJECT MANAGER TO OBTAIN A COPY.
- STRUCTURAL CALCULATIONS OF THE TOWER FOR ADDITIONAL LOADS. NO ERECTION OR MODIFICATION OF THE STRUCTURE SHALL BE MADE WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER.



OVERALL HEIGHT = 145'
TOP OF WATER TANK = 135'

PROPOSED SPRINT ANTENNA ELEV = 130'

PROPOSED SPRINT 6'-0" 800/1900 MHz ANTENNA FOR SECTOR 3 (TOTAL), PROPOSED SPRINT 6'-0" 800/1900 MHz ANTENNA FOR SECTOR 12 (TOTAL) REF 4/23 FOR DETAILS

(3) PROPOSED HYBRID CABLE TO PROPOSED ANTENNAS

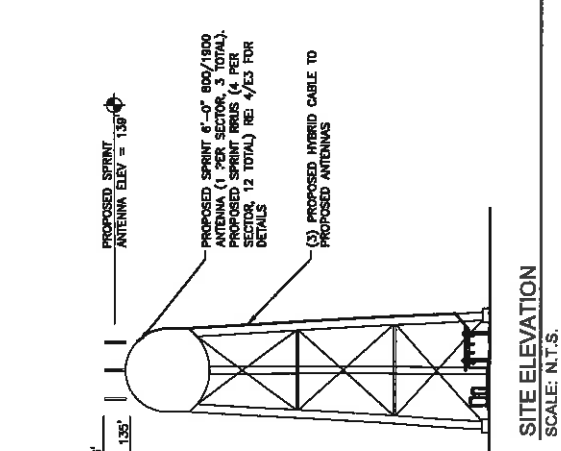
HYBRID CABLE TO BE PROTECTED TO WITHIN 2" OF CABINET OR TOWER BY PROPOSED 2" INTERDUCT TO BE INSTALLED BETWEEN ICEBROS/CABLE TRAY AND TOWER OR EQUIPMENT, IF REQUIRED

PROPOSED HYBRID CABLE LENGTH			
SECTOR	ALPHA	BETA	GAMMA
HORIZONTAL	40'±	40'±	40'±
VERTICAL	140'±	140'±	140'±
10% EXTRA	+10%	+10%	+10%
TOTAL	208'±	208'±	208'±

*ALL DIMENSIONS SHOULD BE FIELD VERIFIED

3 HYBRID SCHEDULE

SCALE: N.T.S.



MANUFACTURER: RPS
MODEL: APAPER18-C
WEIGHT W/O MOUNTING HARDWARE: 50 LBS
DIMENSIONS: HWWD: 72.0"x11.8"x7.0"
FREQUENCY: REFER TO RF DATA SHEET

FRONT SIDE BOTTOM

1'-0"

2 DUAL 800/1900 MHZ ANTENNA DETAIL

SCALE: N.T.S.

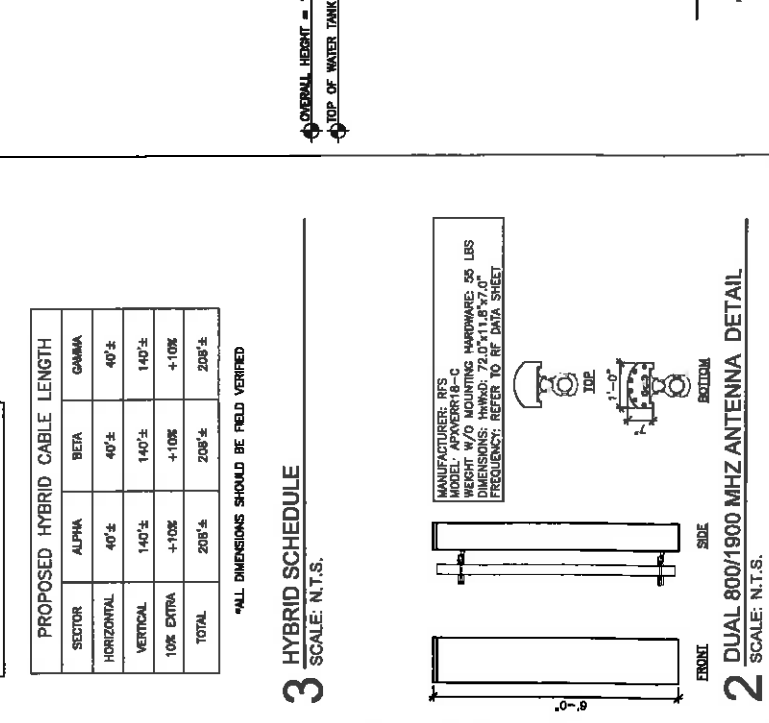


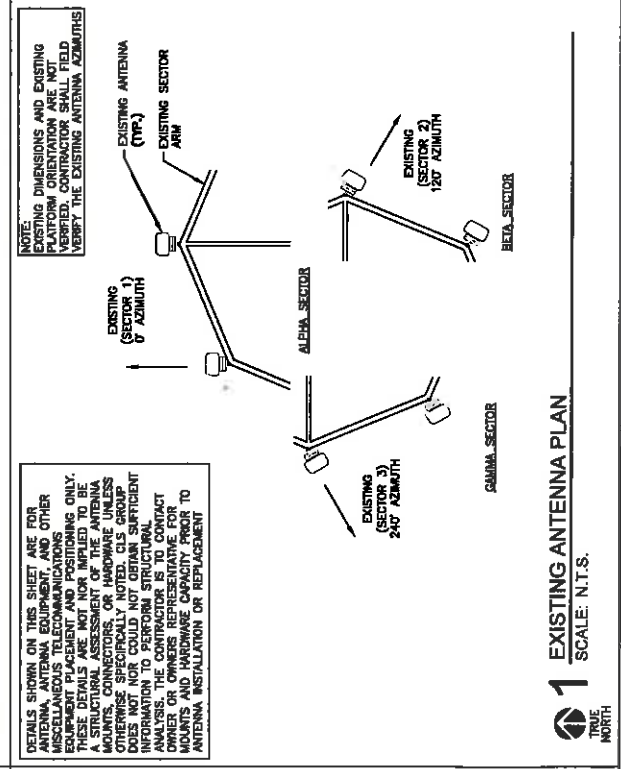
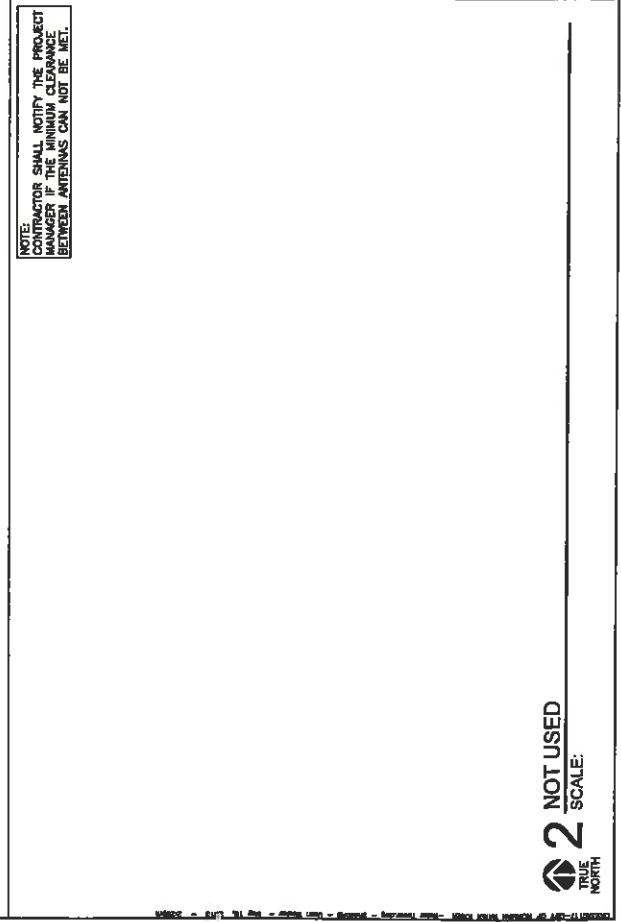
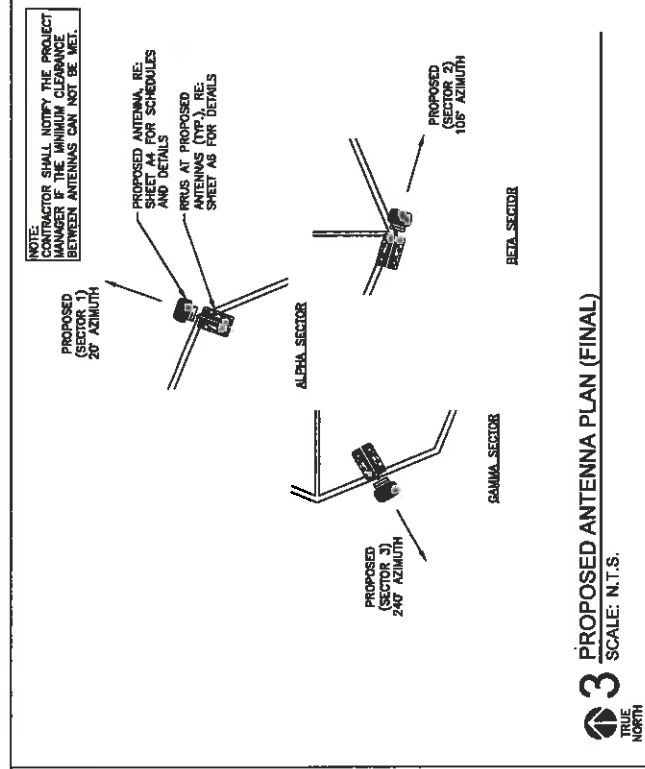
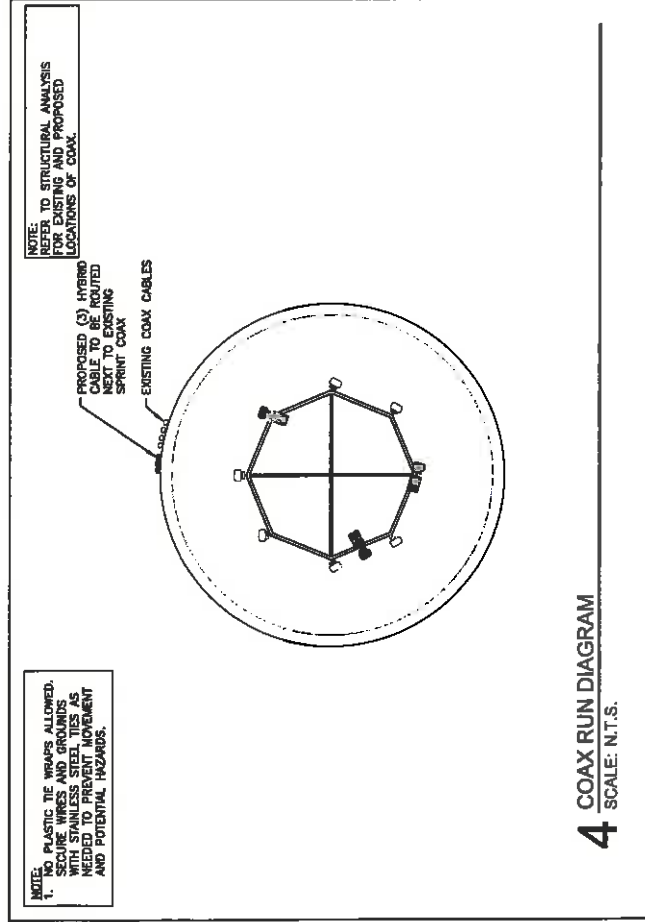
FRONT SIDE BOTTOM

1'-0"

1 SITE ELEVATION

SCALE: N.T.S.





PREPARED FOR:

Sprint
6391 SPRINT PARKWAY
OVERLAND PARK, KS 66251

ERICSSON
8100 SPRINT PARKWAY
OVERLAND PARK, KS 66251

CONSULTANT:

CLSGROUP
TELECOMMUNICATIONS
608 S. KELLY AVENUE, STE. D
NORMAN, OKLAHOMA 73069
PH: (405) 348-4400
FAX: (405) 341-4825
COA 6087 EXP. 6/30/2014

CITY OF NORMAN
WATER TOWER
SITE NUMBER: **OK23XC117**
SITE ADDRESS:
453 W. ROBINSON
NORMAN, OKLAHOMA 73069
CLEVELAND COUNTY

SITE NAME:

STAMP:

ENGINEER
TIMOTHY K. FRANCE
18958
OKLAHOMA
LICENSED PROFESSIONAL ENGINEER

05/16/2013

REAL 18958 EXP. 01/31/2014

DRAWN BY: AM

APPROVED BY: TNF

DATE DRAWN: 09/20/12

REVISION:

NO	DESCRIPTION	BY	DATE
A	PRELIMINARY ISSUE	AM	10/22/12
B	PRELIMINARY ISSUE	JPM	11/05/12
C	PRELIMINARY ISSUE	MT	04/30/13
D	FOR CONSTRUCTION	TT	05/16/13

SHEET TITLE:
ENLARGED ANTENNA PLANS AND COAX RUN DIAGRAM

SHEET NUMBER:
A8