



BOARD OF SUPERVISORS AGENDA ITEM REPORT **CONTRACTS / AWARDS / GRANTS**

☐ Award ☒ Contract ☐ Grant

Requested Board Meeting Date: September 3, 2019

* = Mandatory, information must be provided

or Procurement Director Award ☐

***Contractor/Vendor Name/Grantor (DBA):**

New Cingular Wireless PCS, LLC, a Delaware limited liability company (by AT&T Mobility Corporation, its Manager) ("Licensee").

***Project Title/Description:**

Non-Exclusive Right-of-Way Use License / Seventh Amendment

***Purpose:**

The purpose of this Amendment is to add a new co-location site at approximately the southeast intersection of Mile Wide and Sandario Roads, 2232 N. Sandario Road (Licensee Site No. AZL04873)
Lic-0285

***Procurement Method:**

Exempt per Pima County Code Section 11.04.020

***Program Goals/Predicted Outcomes:**

To allow an additional site for AT&T's use of Pima County Right-of-Way, to provide telecommunications services to Pima County residents for revenue.

***Public Benefit:**

Licensee will continue to provide high quality cellular service to its customers in Pima County at a new site.

***Metrics Available to Measure Performance:**

Licensee will pay an annual fee for the term of 9/24/2019-9/23/2020 in the amount of \$7,657.69, and have already paid their application fee of \$2,600.00 for a total of \$10,257.69 for the first year.

***Retroactive:**

No.

To: COB- 9-20-19
Ver. 5
pgs. - 14
(2)

Contract / Award Information

Document Type: _____ Department Code: _____ Contract Number (i.e., 15-123): _____

Effective Date: _____ Termination Date: _____ Prior Contract Number (Synergen/CMS): _____

☐ Expense Amount: \$* _____ ☐ Revenue Amount: \$ _____***Funding Source(s) required:**Funding from General Fund? ☐ Yes ☐ No If Yes \$ _____ % _____Contract is fully or partially funded with Federal Funds? ☐ Yes ☐ No**If Yes, is the Contract to a vendor or subrecipient?** _____Were insurance or indemnity clauses modified? ☐ Yes ☐ No*If Yes, attach Risk's approval.*Vendor is using a Social Security Number? ☐ Yes ☐ No*If Yes, attach the required form per Administrative Procedure 22-73.***Amendment / Revised Award Information**Document Type: CTN Department Code: IT Contract Number (i.e., 15-123): 15*003Amendment No.: Seven (7) AMS Version No.: Four (5)Effective Date: 9/3/2019 New Termination Date: _____

Prior Contract No. (Synergen/CMS): _____

☐ Expense or ☒ Revenue ☒ Increase ☐ Decrease Amount This Amendment: \$ 10,257.69Is there revenue included? ☐ Yes ☐ No If Yes \$ _____***Funding Source(s) required:**Funding from General Fund? ☐ Yes ☐ No If Yes \$ _____ % _____**Grant/Amendment Information** (for grants acceptance and awards) ☐ Award ☐ Amendment

Document Type: _____ Department Code: _____ Grant Number (i.e., 15-123): _____

Effective Date: _____ Termination Date: _____ Amendment Number: _____

☐ Match Amount: \$ _____ ☐ Revenue Amount: \$ _____***All Funding Source(s) required:*****Match funding from General Fund?** ☐ Yes ☐ No If Yes \$ _____ % _____***Match funding from other sources?** ☐ Yes ☐ No If Yes \$ _____ % _____***Funding Source:** _____***If Federal funds are received, is funding coming directly from the Federal government or passed through other organization(s)?** _____Contact: Aaron MergenthalDepartment: Real Property ServicesTelephone: 520-724-6854

Department Director Signature/Date: _____

Deputy County Administrator Signature/Date: _____

County Administrator Signature/Date: _____

(Required for Board Agenda/Addendum Items)



PIMA COUNTY

**SEVENTH AMENDMENT TO RESTATED AND
AMENDED
NONEXCLUSIVE RIGHT-OF-WAY USE LICENSE
FOR WIRELESS COMMUNICATIONS FACILITIES**

CONTRACT No. CTN-IT-15000000000000000003, Amendment #7
(formerly #12-14-A-142715-0900/CTN-IT-CMS142715, #12-14-N-142671-0110/CTN-IT-CMS142671,
and 12-14-N-142672-0110/CTN-IT-CMS142672)

THIS SEVENTH AMENDMENT TO RESTATED AND AMENDED NONEXCLUSIVE RIGHT-OF-WAY USE LICENSE is entered into by and between Pima County ("Licensor"), a political subdivision of the State of Arizona, and New Cingular Wireless PCS, LLC, ("Licensee"), a Delaware limited liability company (by AT&T Mobility Corporation, its Manager), and shall be effective on the date it is executed by the Pima County Board of Supervisors.

RECITALS

- A. Licensor and AT&T Wireless, PCS, Inc., a Delaware limited liability company, entered into a Non-Exclusive Right-of-Way Use License dated September 24, 2000, with expiration date of September 23, 2005, and recorded on September 27, 2000, in Docket 11392, Page 279, in the office of the Pima County, Arizona, Recorder. The License was assigned Contract No. 12-14-A-142715-0900 and subsequently reassigned Contract #CTN-IT-CMS142715.
- B. New Cingular Wireless PCS, LLC, a Delaware limited liability company (by AT&T Mobility Corporation, its Manager), subsequently succeeded to the interests of AT&T Wireless, PCS, Inc. Licensee and Licensor entered into a License Amendment effective September 24, 2005, which extended the term of the Right-of-Way Use License through September 23, 2010. The License was subsequently extended

through September 23, 2015 and amended to add location at McDonald Park (Site PHNXAZB025, 4100 N. Harrison Road).

- C. Licensors and Licensee entered into a Non-Exclusive Right-of-Way Use License dated January 19, 2010, with expiration date of January 18, 2015, and recorded on January 26, 2010, in Docket 13732, Page 643, in the office of the Pima County, Arizona, Recorder. The License was initially assigned Contract No. 12-14-N-142671-0110 and subsequently reassigned Contract #CTN-IT-CMS142671 for co-location on a TEP pole at 3220 West Ina Road.
- D. Licensors and Licensee entered into a Non-Exclusive Right-of-Way Use License dated January 19, 2010, with expiration date of January 18, 2015, and recorded on January 26, 2010, in Docket 13732, Page 625, in the office of the Pima County, Arizona, Recorder. The License was initially assigned Contract No. 12-14-N-142672-0110 and subsequently reassigned Contract #CTN-IT-CMS142672 for co-location on a TEP pole at 2902 W. Paseo de las Aves.
- E. Licensors and Licensee entered into a Restated and Amended Nonexclusive Right of Way Use License, pursuant to which the parties consolidated 4 existing Licenses, added a new co-location site, modified the fee schedule, and extended the term to September 23, 2020. A new License number of CTN-IT-15000000000000000003 was assigned to the License.
- F. Licensors and Licensee entered into a Fifth Amendment to Restated and Amended Nonexclusive Right of Way Use License on November 6, 2018, pursuant to which Licensee added a new co-location site at the Southeast corner of West Valencia Road and Wade Road (Licensee Site No. AZL01287).
- G. Licensors and Licensee entered into a Sixth Amendment to Restated and Amended Nonexclusive Right of Way Use License on April 2, 2019, pursuant to which Licensee was permitted to replace and modify certain of its existing communications equipment at its McDonald Park Site, located at 4100 N. Harrison Road. (Licensee Site No. PHNXAZB025).
- H. With this Seventh Amendment to Restated and Amended Nonexclusive Right of Way Use License, Licensee desires to add a new co-location site at approximately the southeast intersection of Mile Wide and Sandario Roads, 2232 N. Sandario Road (Licensee Site No. AZL04873), and County is amenable to same, subject to the approval of the Board of Supervisors herein.

AGREEMENT

- 1. A new co-location site at approximately the southeast corner of West Mile Wide Road and Sandario Road (Licensee Site No. AZL04873) shall be added under the auspices of this Seventh Amendment to Restated and Amended Nonexclusive Right of Way Use

License, and may be constructed by Licensee pursuant to the County-reviewed and approved engineered site plans, a copy of which is attached hereto as Exhibit B.

2. Annual Fee. Licensee shall pay annual fees to the Licensor as set forth in Exhibit A attached hereto. Licensor hereby acknowledges that Licensee's Application Fee in the amount of \$2,600 has been paid to Licensor.
3. Term. This Seventh Amendment to Restated and Amended Right-of-Way Use License shall remain in effect through September 23, 2020. This License is renewable upon mutual agreement of both Parties.
4. Other Provisions. All other terms and provisions of the Restated and Amended Right-of-Way Use License and all prior amendments thereto not specifically changed by this Amendment shall remain in effect and are binding upon the parties.

IN WITNESS WHEREOF, the parties have affixed their signatures to this Seventh Amendment to Restated and Amended Nonexclusive Right-of-Way Use License on the dates written below.

PIMA COUNTY

Chairman, Board of Supervisors

Date

LICENSEE

New Cingular Wireless PCS, LLC,
a Delaware limited liability company

By: AT&T Mobility Corporation

Its: Manager

By: _____

Name: Robert Hofrichter

Its: Area Manager

Date: 7/8/19

ATTEST:

Clerk of the Board of Supervisors

Date

APPROVED AS TO CONTENT:

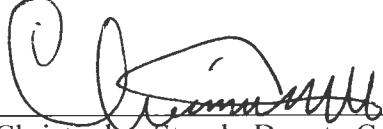


Dan Hunt, Chief Information Officer
Pima County Information Technology Dept.

3-7-2019

Date

APPROVED AS TO FORM:



Christopher Straub, Deputy County Attorney

3-7-2019

Date

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EXHIBIT A

LICENSE FEE SCHEDULE

PAYMENTS DUE

Term 09/24/2014-09/23/2015

Site (1)N117924, 3851 W. Tangerine Road	\$ 14,586.08
Site PHNXAZB025, 4100 N. Harrison (McDonald Park)	\$ 7,293.03
Site B049-HH, 6515 W. Ina Rd. (Paniolo Ranch)	\$ 6,000.00
Total Amount due September 24, 2014	\$ 27,879.11

Term 01/19/2015-09/23/2015 (Pro-rated)

Site B042-D, 3220 West Ina Road	\$ 4,200.00
Site PHNXAZT904-D, 2902 W. Paseo de las Aves	\$ 4,200.00
Total Amount due January 19, 2015	\$ 8,400.00

Term 09/24/2015-09/23/2016

Renewal Application Fee	\$ 1,700.00
Site (1)N117924, 3851 W. Tangerine Road	\$ 15,315.38
Site PHNXAZB025, 4100 N. Harrison (McDonald Park)	\$ 7,657.69
Site B042-D, 3220 West Ina Road	\$ 6,300.00
Site PHNXAZT904-D, 2902 W. Paseo de las Aves	\$ 6,300.00
Site B049-HH, 6515 W. Ina Rd. (Paniolo Ranch)	\$ 6,300.00
Total Amount due September 24, 2015	\$ 43,573.07

Term 09/24/2016-09/23/2017

Site (1)N117924, 3851 W. Tangerine Road	\$ 16,081.15
Site PHNXAZB025, 4100 N. Harrison (McDonald Park)	\$ 8,040.57
Site B042-D, 3220 West Ina Road	\$ 6,615.00
Site PHNXAZT904-D, 2902 W. Paseo de las Aves	\$ 6,615.00
Site B049-HH, 6515 W. Ina Rd. (Paniolo Ranch)	\$ 6,615.00
Total Amount due September 24, 2016	\$ 43,966.72

LICENSE FEE SCHEDULE (Continued)

PAYMENTS DUE

Term 09/24/2017-09/23/2018

Site (1)N117924, 3851 W. Tangerine Road	\$ 16,885.21
Site PHNXAZB025, 4100 N. Harrison (McDonald Park)	\$ 8,442.60
Site B042-D, 3220 West Ina Road	\$ 6,945.75
Site PHNXAZT904-D, 2902 W. Paseo de las Aves	\$ 6,945.75
Site B049-HH, 6515 W. Ina Rd. (Paniolo Ranch)	\$ 6,945.75
Total Amount due September 24, 2017	\$ 46,165.06

Term 09/24/2018-09/23/2019

Site (1)N117924, 3851 W. Tangerine Road	\$ 17,729.47
Site PHNXAZB025, 4100 N. Harrison (McDonald Park)	\$ 8,864.73
Site B042-D, 3220 West Ina Road	\$ 7,293.04
Site PHNXAZT904-D, 2902 W. Paseo de las Aves	\$ 7,293.04
Site B049-HH, 6515 W. Ina Rd. (Paniolo Ranch)	\$ 7,293.04
Site AZL01287, SE Crnr Wade & Valencia Rds	\$ 7,293.04
Plus License Application Fee (Paid)	\$ 2,600.00
Total Amount due September 24, 2018	\$ 58,366.36

Term 09/24/2019-09/23/2020

Site (1)N117924, 3851 W. Tangerine Road	\$ 18,615.94
Site PHNXAZB025, 4100 N. Harrison (McDonald Park)	\$ 9,307.97
Site B042-D, 3220 West Ina Road	\$ 7,657.69
Site PHNXAZT904-D, 2902 W. Paseo de las Aves	\$ 7,657.69
Site B049-HH, 6515 W. Ina Rd. (Paniolo Ranch)	\$ 7,657.69
Site AZL01287, SE Crnr Wade & Valencia Rds	\$ 7,657.69
Site AZL04873, SE Crnr Sandario & Mile Wide Rds	\$ 7,657.69
Plus License Application Fee (Paid)	\$ 2,600.00
Total Amount Due September 24, 2019	\$ 68,812.36

EXHIBIT B

**COUNTY REVIEWED AND APPROVED
ENGINEERED SITE PLANS**

CONSULTANT TEAM

CLIENT REPRESENTATIVE
BECHTEL INFRASTRUCTURE & POWER CORPORATION
2601 S. 37TH STREET, SUITE 200
PHOENIX, AZ 85034
CONTACT: STEVE OLSON
PHONE: (602) 282-3015

PROJECT OWNER
AT&T MOBILITY
1355 W. UNIVERSITY DR.
MESA, AZ 85201
CONTACT: ROBERT HOFMEISTER
PHONE: (480) 444-4881
E-MAIL: RH1316@ATT.COM

PROPERTY OWNER
PIMA COUNTY REAL PROPERTY SERVICES
201 N. STONE AVENUE, 8TH FLOOR
TUCSON, AZ 85701-1215
CONTACT: MIKE STORPO
PHONE: 520-724-5667
EMAIL: mike.storpo@pima.gov

SOLE OWNER
TRICO ELECTRIC COOPERATIVE
8600 W. TANGIER ROAD
MARIANA, ARIZONA 85008
CONTACT: FRANK GONZALES
PHONE: (520) 744-2944, EXT 1350
EMAIL: fgonzales@trico.coop

A/E
ASH ENGINEERING
1137 EAST DESERT FLOWER LANE
PHOENIX, AZ 85048
CONTACT: SANDRA A. MAHE, P.E.
PHONE: (480) 213-8524
E-MAIL: SMAHE@ASHENG.COM



AT&T

PROJECT: NEW SITE BUILD
SITE NO.: AZL04873
SITE NAME: TRICO SANDARIO ROAD
FA CODE: 14623933
USID: 219833
2232 N SANDARIO RD
TUCSON, AZ 85743

GENERAL NOTES

CONTRACTOR & CREWS SHALL ABIDE BY AT&T CONSTRUCTION STANDARDS/REQUIREMENTS AS DESCRIBED IN THE AT&T SAFETY HANDBOOK.

OSHA REGULATIONS/STANDARDS SHALL BE REVIEWED & FOLLOWED BY ALL EQUIPMENT INSTALLERS AND TOWER/ROOF TOP CONTRACTORS/SUBCONTRACTORS DURING CONSTRUCTION.

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REMEDY ALL FAULTY, DEFECTIVE AND/OR DAMAGED CODES, AND/OR FACILITY WORKMANSHIP FOR ONE (1) YEAR AFTER THE PROJECT IS COMPLETE AND ACCEPTED UNDER THIS CONTRACT (EXCEPTION) THE ROOFING SUBCONTRACTOR SHALL FURNISH A MAINTENANCE AGREEMENT FOR ALL WORK DONE, DESIGNED BY THE GENERAL CONTRACTOR, TO MAINTAIN THE ROOFING IN A WATER-TIGHT CONDITION FOR A PERIOD OF TWO (2) YEARS STARTING AFTER THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT, UNLESS OTHERWISE WRITTEN IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR.

THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR THE SAFETY OF THE OWNER'S EMPLOYEES, WORKMEN, AND ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.

THE CONTRACTOR SHALL BE REQUIRED TO PAY FOR ALL NECESSARY PERMITS AND/OR FEES WITH RESPECT TO THE WORK TO COMPLETE THE PROJECT. BUILDING PERMIT APPLICATIONS SHALL BE FILED BY THE OWNER OR HIS REPRESENTATIVE. CONTRACTOR SHALL OBTAIN PERMIT AND MAKE FINAL PAYMENT FOR SAID DOCUMENT.

DO NOT SCALE DRAWINGS

SITE INFORMATION

OWNER/LANDLORD: PIMA COUNTY REAL PROPERTY SERVICES
201 N. STONE AVENUE, 8TH FLOOR
TUCSON, AZ 85701-1215
CONTACT: MIKE STORPO
PHONE: 520-724-5667
EMAIL: mike.storpo@pima.gov

APPLICANT: AT&T MOBILITY
1355 W. UNIVERSITY DR.
MESA, AZ 85201
CONTACT: ROBERT HOFMEISTER
PHONE: (480) 444-4881
E-MAIL: RH1316@ATT.COM

TOWER TYPE: NEW UTILITY MONOPOLE

EXISTING SITE TYPE: WIRELESS COMMUNICATIONS FACILITY

APN: 211-05-001P

LATITUDE: 32° 14' 47.0618" N

LONGITUDE: 111° 13' 04.5214" W

EXISTING ELEVATION: 42,332.3'

USE CODE: T80

CONSTRUCTION TYPE: V-0

PROPOSED LEASE AREA: 375 SQ. FT.

PROPOSED OCCUPANCY: UNIMMATED TELECOMMUNICATIONS FACILITY

EXISTING OCCUPANCY: UNIMMATED TELECOMMUNICATIONS FACILITY

JURISDICTION: PIMA COUNTY

ELECTRICAL PROVIDER: TRICO

DRIVING DIRECTIONS

DIRECTIONS:

DEPARTING THE AT&T OFFICE AT 1355 W. UNIVERSITY IN MESA: TAKE US-60 W TOWARD PHOENIX. USE THE LEFT LANE TO MERGE I-10 E TOWARD TUCSON. TAKE EXIT 236 TOWARD MARIANA. TURN RIGHT ONTO N. SANDARIO RD. TURN RIGHT ONTO W. MARANA RD. TURN LEFT ONTO N. SANDERS RD. TURN LEFT ONTO W. AVRA VALLEY RD. TURN RIGHT ONTO N. SANDARIO RD. SITE WILL BE ON THE LEFT.

VICINITY MAP



APPLICABLE CODES

ARIZONA STATE CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED 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.

- 2012 IBC, STANDARDS AND AMENDMENTS
- 2012 IRC, STANDARDS AND AMENDMENTS
- 2012 IFCC, STANDARDS AND AMENDMENTS
- 2012 IPC, STANDARDS AND AMENDMENTS
- 2011 NEC, STANDARDS AND AMENDMENTS

ACCESSIBILITY REQUIREMENTS:

FACILITY IS UNIMMATED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2012 IBC BUILDING CODE.

RFDS DATA SUMMARY

DESIGN PACKAGE BASED ON RF DATA SHEET
PROJECT NAME: AZ-MW-ARIZONA-AZL04873-10-20-30-40-2018-MW-SHA-LTE-67850-3601A0H7P
E-MAIL: ARIZONA-AZL04873-10-20-30-40-2018-MW-SHA-LTE-67850-3601A0H7P
REVISION: -
REVISION: 1.00
RFDS DATE: 10/08/2018 UPDATED BY: AC7826 ON 10/08/2018 05:17:17 PM

SUMMARY OF EQUIPMENT:

NUMBER OF SECTORS	3
NUMBER OF ANTENNAS	3
NUMBER OF TAPES	8
NUMBER OF RPT'S	8
NUMBER OF PRIOR OPTIC CABLES (AMPERS)	0
NUMBER OF DC CABLES (AMPERS)	0
NUMBER OF COAX CABLES	18
NUMBER OF FIBER/DC SOURCES	0
NUMBER OF DC ONLY SOURCES	0
NUMBER OF PRIOR TRUNK CABLES	0
NUMBER OF DC TRUNK CABLES	0
NUMBER OF TRIPLEXER	0

APPROVALS

AT&T (RF): _____ DATE: _____

AT&T (CONST.): _____ DATE: _____

AT&T (S.A.): _____ DATE: _____

LANDLORD: _____ DATE: _____

LANDLORD: _____ DATE: _____

PROJECT DESCRIPTION

GROUND SCOPE

- INSTALL A NEW EQUIPMENT UL LISTED METAL WALK-IN-CABINET & BACK-UP GENERATOR IN A NEW CMU WALLED COMPOUND TO INCLUDE THE FOLLOWING:
- (1) NEW METAL WIC CABINET W/PRE-INSTALLED VERTV POWER PLANT W/ (12) EMERGENCY POWER SAFE BATTERIES, PRE-INSTALLED (2) COMMUNICATION RACKS, ON GRAVITY PLATFORM
 - (1) NEW DC POLAR DC GENERATOR, W/BUILT-IN UL LISTED 54 GALLON DIESEL TANK SUPPORTED BY GRAVITY PLATFORM
 - (1) NEW GPS ANTENNA MOUNTED ON SIDE OF CABINET
 - NEW U.G. CONDUITS FOR ELECTRICAL SERVICE & (TELCO W/INERDUCT)
 - INSTALL (3) NEW B12/B14 Alrscope Dual-band RRM 4T4R 320W AHLBA (1) PER SECTOR
 - INSTALL (3) NEW B25/B26 Alrscope Dual RRM 4T4R 320W AHFIB (1) PER SECTOR
 - INSTALL (6) NEW TWIN TRIPLEXERS
 - INSTALL (18) NEW 7/8" COAX CABLES JUMPERS
 - INSTALL (1) NEW 18 PAIR FIBER

TOWER SCOPE

- INSTALL NEW 8'-0" TALL NEW UTILITY MONOPOLE & ITS FOUNDATION DESIGNED BY TRICO

INSTALL THE FOLLOWING NEW ANTENNA & EQUIPMENT ON A NEW UTILITY POLE:

- (1) NEW MONOPOLE DOUBLE SUPPORT ARM KIT
- (3) NEW ACE XXQHL-65ALB48-VT ANTENNAS, (1) PER SECTOR
- (9) NEW TMA, (3) PER SECTOR
- (1) NEW RET CABLE
- (12) NEW 7/8" COAX CABLES

ELECTRICAL SCOPE (SHOW BREAKER LIST)

- 50A BREAKER - B12/B14 Alrscope Dual-band RRM4T4R 320W (AHLBA) 3 TOTAL
- 50A BREAKER - Alrscope Dual RRM 4T4R B25/B26 320W AHFIB, (3) TOTAL
- 20A BREAKER - LITE FSM4, (1) TOTAL
- 10A BREAKER - SAID, (1) TOTAL

THESE PLANS HAVE BEEN DEVELOPED FOR THE MODIFICATION TO AN EXISTING TELECOMMUNICATIONS FACILITY OWNED OR LEASED BY AT&T IN ACCORDANCE WITH THE SCOPE OF WORK PROVIDED BY AT&T.

SHEET INDEX

SHT.	DESCRIPTION
T-1	TITLE SHEET
SS-1	OVERALL SITE SURVEY
A-1	OVERALL SITE PLAN
A-2	NEW ENLARGED SITE PLAN
A-3	ANTENNA LAYOUT
A-4	SITE ELEVATION
A-5	SITE ELEVATION

JURISDICTIONAL APPROVAL



1355 W. UNIVERSITY DRIVE
MESA, AZ 85201-5419

THE INFORMATION CONTAINED IN THIS SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS. ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED.

BECHTEL BECHTEL INFRASTRUCTURE AND POWER CORPORATION
2601 S. 37TH STREET, SUITE 200
PHOENIX, AZ 85034
PHONE: (602) 282-3084

ADN ENGINEERING 1337 E. DESERT FLOWER LANE
PHOENIX, AZ 85048
PHONE: (480) 213-8524

PROJECT: NEW BUILD
SITE NO.: AZL04873
SITE NAME: TRICO SANDARIO ROAD
FA CODE: 14623933
USID: 219833
2232 N SANDARIO RD
TUCSON, AZ 85743
PIMA COUNTY

△				
△				
△				
△	02/11/18	REVISED PER COUNTY COMMENTS	JM	SAW
△	12/03/18	ISSUED FOR APPROVAL	JM	SAW
△	11/27/18	REVISED FOR COMMENTS	JM	SAW
△	10/23/18	90% CD	JM	SAW

PROFESSIONAL SEAL

SDN

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1



SS-1

OVERALL SITE PLAN KEY NOTES: (H)

- (E) EDGE OF PAVED DRIVEWAY
- (E) OVERHEAD POWER LINES
- (E) U.G. FIBER LINE PER BLUE STAKE MARKING
- (E) EX FIBER MANHOLE
- (E) UTILITY POLE TO BE REMOVED AND REPLACED
- (E) SAGUARO CACTUS (TYP.)
- (E) DIRT ROAD & PROPOSED 10'-0" WIDE UTILITY/ACCESS ROAD
- LINE OF PRESERVATION FENCING. SEE LANDSCAPE NOTE #1
- LINE OF EXISTING VEGETATION TO BE PRESERVED
- EXISTING TREE SHOULD BE PRUNED BY CERTIFIED ARBORIST PRIOR TO CONSTRUCTION. REFER TO LANDSCAPE NOTE #2.

LANDSCAPE NOTES:

- PRIOR TO INITIATION OF WORK, THE CONTRACTOR SHALL INSPECT THE PROJECT LIMITS, IN ORDER TO CONFIRM AREAS AND VEGETATION TO BE LEFT UNDISTURBED OR TRANSPLANTED. FENCING SHALL BE INSTALLED AT THE DRIP LINE OF EACH TREE OR GROUP OF TREES OR OTHER VEGETATION TO BE PRESERVED. FENCING SHALL REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION OPERATIONS. NO CONSTRUCTION MATERIAL, EQUIPMENT OR VEHICLES SHALL BE ALLOWED WITHIN THE DRIP LINE (EDGE OF CANOPY) OF TREES TO BE PRESERVED DURING THE COURSE OF THE CONSTRUCTION. FENCING THAT IS DAMAGED OR DESTROYED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 2 WORKING DAYS.
- TREES AND OTHER VEGETATION WITH OVERHANGING PLANT PARTS WITHIN PRESERVATION AREAS THAT MAY BE IMPACTED BY CONSTRUCTION SHALL BE PRUNED IN ADVANCE BY A CERTIFIED ARBORIST, TO AVOID DAMAGE TO THE PLANT.
- PRESERVATION FENCING SHALL CONSIST OF HIGH VISIBILITY ORANGE, HEAVY DUTY HIGH DENSITY POLYETHYLENE (HDPE) THAT IS UV RESISTANT. THE FENCING SHALL BE FOUR FEET (4') TALL. FENCE POSTS WILL BE EITHER WOOD OR METAL AND SHALL BE SUITABLE FOR THE WORK INTENDED AND A MINIMUM OF SIX FEET (6') LONG.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL VEGETATION WHICH IS TO BE PRESERVED. PROTECTION INCLUDES, BUT IS NOT LIMITED TO, DAMAGE TO MAJOR LIMBS, DESTRUCTION OF MAJOR ROOT SYSTEMS, SCARRING OF THE TRUNK AND DEATH. THE CONTRACTOR SHALL REPLACE ANY VEGETATION IDENTIFIED AS BEING PRESERVED-IN-PLACE THAT IS DAMAGED OR DESTROYED. REPLACEMENT VEGETATION SHALL BE OF THE SAME GENUS AND SPECIES AND SHALL BE OF A SIMILAR CALIBER AND CANOPY SIZE. PIMA COUNTY SHALL APPROVE ALL REPLACEMENT PLANTS PRIOR TO INSTALLATION.
- REMOVAL OF CACTI AND NATIVE PLANTS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE "NATIVE PLANT LAW" OF THE ARIZONA REVISED STATUTES, CHAPTER 7 AND APPLICABLE LOCAL ORDINANCES.
- NO TRENCHING SHALL OCCUR WITHIN THE DRIP LINE OF TREES. DRIP LINE IS DEFINED AS THE OUTERMOST CIRCUMFERENCE OF A TREE CANOPY WHERE WATER DROPS FROM AND ONTO THE GROUND. FACILITIES THAT CANNOT AVOID THE DRIP LINE OF TREES SHALL BE BORED UNDERNEATH.
- ALL AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH SAME GROUND TREATMENT AS IS PRIOR TO DISTURBANCE. IF NO VEGETATION OR GROUND TREATMENT EXISTED PRIOR TO DISTURBANCE, AREA SHALL BE STABILIZED WITH 1/4" DECOMPOSED GRANITE POST CONSTRUCTION. COLOR OF ROCK SHALL MATCH ADJACENT GROUND. SAMPLES SHALL BE SUBMITTED TO PIMA COUNTY FOR APPROVAL.
- PRIOR TO CLEARING OR ANY OTHER GROUND DISTURBANCE OCCURRING IN THE PROJECT WORK AREA, THE CONTRACTOR SHALL REMOVE FOUNTAIN GRASS, BUFFELGRASS AND OTHER INVASIVE SPECIES. REMOVAL SHALL BE DONE ACCORDING TO BEST PRACTICES FOR CHEMICAL AND/OR MANUAL REMOVAL, DEPENDING ON TIME OF YEAR AND WHETHER THE INVASIVE SPECIES IS GREEN AND ACTIVELY GROWING. IF CHEMICAL CONTROL IS USED, PLANT MUST BE COMPLETELY DEAD BEFORE CLEARING IN THAT AREA SHALL OCCUR, TYPICALLY 10 DAYS TO 14 DAYS. ONLY MANUAL REMOVAL MAY BE USED IF PLANT IS MORE THAN 50% DORMANT (I.E. NOT GREEN). CONTACT KIM FRANKLIN, CONSERVATION BIOLOGIST FOR THE ARIZONA SONORAN DESERT MUSEUM FOR THE MOST UP TO DATE PROCEDURES. PHONE: (520) 883-3008 OR KFRANKLIN@DESERTMUSEUM.ORG
- CONTRACTOR SHALL COORDINATE WITH STAR VALLEY HOA TO MAINTAIN FUNCTIONING IRRIGATION SYSTEM.

ENVIRONMENTAL NOTE:

IN THE EVENT THAT HUMAN REMAINS, INCLUDING HUMAN SKELETAL REMAINS, CREMATIONS, AND/OR CEREMONIAL OBJECTS AND FUNERARY OBJECTS ARE FOUND DURING EXCAVATION OR CONSTRUCTION, GROUND DISTURBING ACTIVITIES MUST CEASE IN THE IMMEDIATE VICINITY OF THE DISCOVERY. STATE LAWS ARS 41-865 AND ARS 41-844, REQUIRE THAT THE ARIZONA STATE MUSEUM BE NOTIFIED OF THE DISCOVERY AT (520) 621-4795 SO THAT CULTURAL GROUPS WHO CLAIM CULTURAL OR RELIGIOUS AFFINITY TO THEM CAN MAKE APPROPRIATE ARRANGEMENTS FOR THE REPATRIATION AND REBURIAL OF THE REMAINS. THE HUMAN REMAINS WILL BE REMOVED FROM THE SITE BY A PROFESSIONAL ARCHAEOLOGIST PENDING CONSULTATION AND REVIEW BY THE ARIZONA STATE MUSEUM AND THE CONCERNED CULTURAL GROUPS.

LEGEND

ABBREVIATIONS:
(E) - EXISTING
(N) - NEW
(F) - FUTURE
PUE PUBLIC UTILITY EASEMENT
ROW RIGHT OF WAY

SYMBOLS:
FIRE HYDRANT
POWER POLE
ELECTRIC MANHOLE
TELCO MANHOLE

BLUE STAKE ELECTRIC
FENCE
BLUE STAKE OVERHEAD
PRESERVATION FENCING
EXISTING VEGETATION TO BE PRESERVED

DIGALERT

Call Toll Free
1-800-782-5348
2 Working Days Before You Dig
ARIZONA BLUE STAKE, INC.

APN: 211-05-001P
USE CODE: TBD
OWNER: KANAVAGE JILLIAN &
KANAVAGE BERNARD J

ENLARGED
UTILITY POLE
22"x34" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"



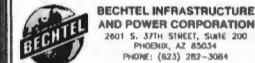
OVERALL SITE PLAN

22"x34" SCALE: 1" = 30'-0"
11"x17" SCALE: 1" = 60'-0"



1355 W. UNIVERSITY DRIVE
MESA, AZ 85201-5419

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PROJECT: NEW BUILD
SITE NO.: AZL04873
SITE NAME: TRICO SANDARIO ROAD
FA CODE: 14623933
USID: 219833
2232 N SANDARIO RD
TUCSON, AZ 85743
PIMA COUNTY

△					
△					
△	02/11/19	REVISED PER COUNTY COMMENTS	JN	SAM	
△	12/03/18	ISSUED FOR APPROVAL	JN	SAM	
△	11/27/18	REVISED FOR COMMENTS	JN	SAM	
△	10/23/18	90% CD	JN	SAM	

PROFESSIONAL SEAL

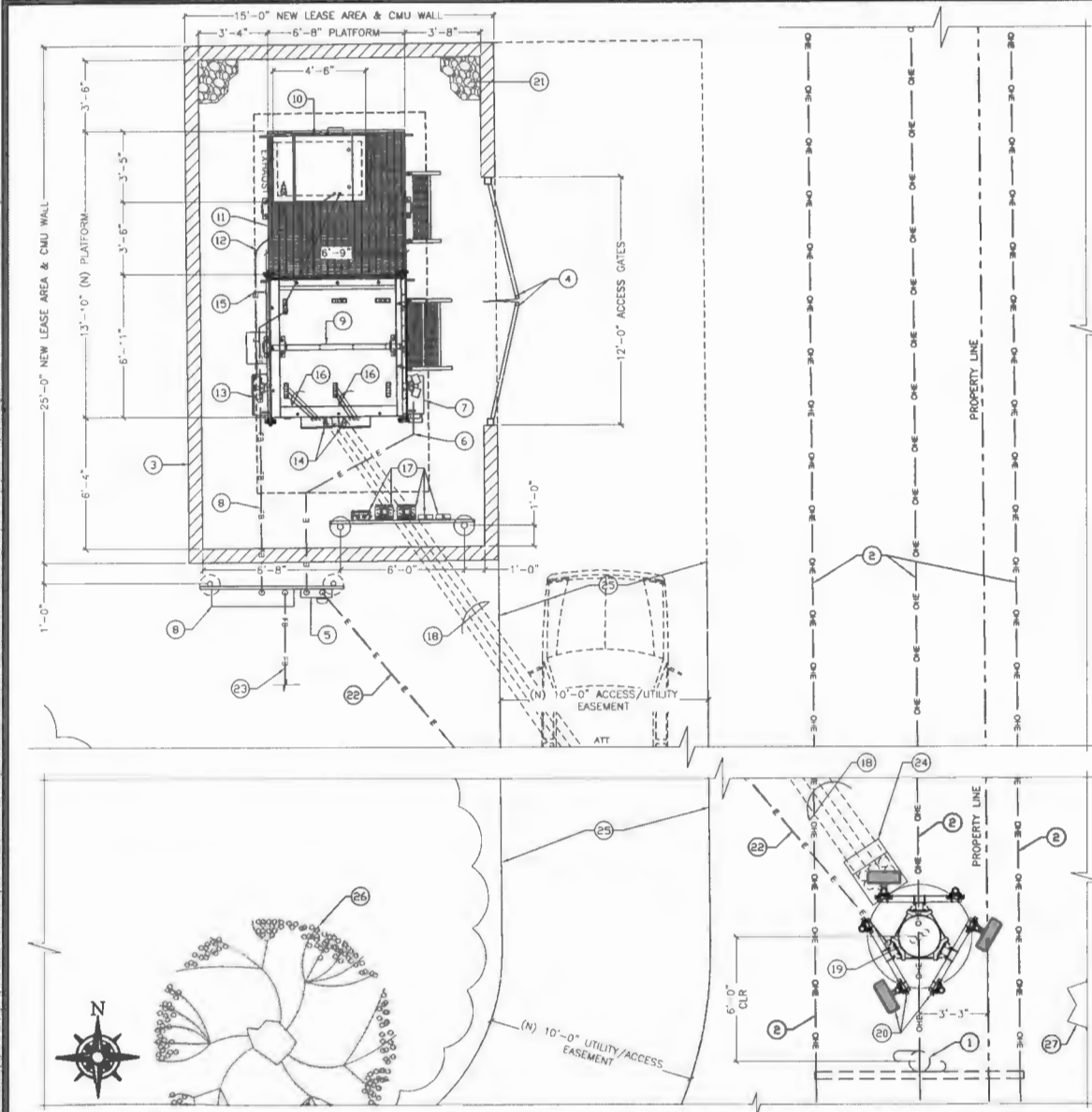
SHEET TITLE

OVERALL SITE PLAN

SHEET NUMBER

A-1

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ENLARGED SITE PLAN

22'x34' SCALE 1/8" = 1'-0"
11'x17' SCALE 3/16" = 1'-0"

(E) AND (N) PLAN KEY NOTES: (R)

- (E) UTILITY POLE TO BE REMOVED AND REPLACED BY TRICO ELECTRIC COOPERATIVE.
- (E) OVERHEAD POWER (TYP.)
- (N) 8'-0" TALL CMU WALLED COMPOUND TO BE PAINTED "SHALE GREEN" TO MATCH (E) CMU WALLED COMPOUND ABOUT A HALF MILE SOUTH AND ON SANDARIO ROAD
- (N) (2) 6'-0" WIDE ACCESS GATES WITH METAL SHEETING
- INSTALL (N) AT&T 200A METER/DISCONNECT AND NEMA 4 J-BOX MOUNTED TO (N) H-FRAME
- (N) U.G. CONDUIT FOR POWER RUN FROM DISCONNECT TO ILC.
- (N) ILC MOUNTED ON AT&T'S METER W/C CABINET
- (N) U.G. CONDUIT FOR FIBER RUN FROM NEMA 4 J-BOX TO CABINET
- (N) 6'-9"x6'-9" FABRICATED METAL W/C CABINET SUPPORTED BY GRAVITY PLATFORM, FABRICATION DRAWINGS TO BE PROVIDED BY MANUFACTURER
- (N) DC BACK-UP GENERATOR SUPPORTED BY GRAVITY PLATFORM
- (N) U.G. CONDUIT FOR MONITOR RUN FROM CABINET TO GENERATOR
- (N) U.G. CONDUIT FOR POWER RUN FROM DC CONNECTOR TO GENERATOR
- (N) DC CONNECTOR MOUNTED ON CABINET
- (N) RAYCAP BOXES MOUNTED ON CABINET
- (N) GPS ANTENNA MOUNTED ON (N) CABINET
- (N) U.G. CONDUITS FOR DC POWER & FIBER RUNS FROM (N) RAYCAP BOXES TO CABINET
- (N) (6) TRIPLEXERS AND (6) RRHs MOUNTED ON (N) H-FRAME
- (N) (6) 6" U.G. CONDUITS FOR (18) 7/8" COAXIAL CABLE RUNS FROM STUB-UP TO ANTENNAS
- (N) 63'-0" TALL UTILITY POLE WITH TRANSFORMER
- (N) ANTENNAS & TMAs, SUPPORTED BY (N) ANTENNA SUPPORT KIT, ANTENNAS AND TMAs TO BE PAINTED TO MATCH NEW POLE COLOR
- (N) GRAVEL WITHIN COMPOUND
- (N) U.G. CONDUIT FOR POWER RUN FROM (E) POWER SOURCE TO (N) METER. FINAL ROUTE TO BE DETERMINED BY PROVIDERS
- (N) U.G. CONDUIT FOR FIBER RUN FROM (N) FIBER J-BOX TO FIBER SOURCE. FINAL ROUTE TO BE DETERMINED BY PROVIDERS
- (N) DOGHOUSE
- (E) DIRT ROAD & PROPOSED UTILITY/ACCESS EASEMENT
- (E) TREE (TYP.)
- (E) SAGUARO CACTUS (TYP.)

LEGEND

- ABBREVIATIONS:
(E) - EXISTING
(N) - NEW
(F) - FUTURE

SIGNS

- INSTALL ADDRESS PLACARD NEAR ENTRANCE GATE OF EQUIPMENT AREA (OR FACING STREET OF ASSOCIATED ADDRESS).

LIGHTING

- ADDITIONAL LIGHTING WILL BE INSTALLED IF REQUIRED BY MUNICIPALITY FOR SECURITY PURPOSES.
- ALL LIGHTING IS TO BE INSTALLED NO HIGHER THAN 8'-0", (UNLESS REQUIRED OTHERWISE BY INDIVIDUAL MUNICIPALITY).
- ALL LIGHTING WILL BE THAT OF "FULL CUT OFF LENSES".

COMPLIANCE

- ADA COMPLIANCE: FACILITY IS NOT STAFFED AND NOT NORMALLY OCCUPIED.
- CONTRACTOR IS RESPONSIBLE FOR ERECTING TEMPORARY BARRICADES AND/OR FENCING TO PROTECT THE SAFETY OF THE PUBLIC DURING CONSTRUCTION.
- THE ANTENNAS SHALL NOT INTERFERE WITH ANY EXISTING COMMUNICATION SITES.
- DEVELOPMENT AND USE OF THIS SITE WILL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES.
- ALL ITEMS ON THIS DRAWING ARE EXISTING UNLESS OTHERWISE NOTED.

NOTES

- SITE PLAN RENDERING DERIVED FROM DETAILS PROVIDED FROM ASSESSORS MAP & SITE AUDIT.
- REFER TO AT&T SPECIFICATIONS FOR ADDITIONAL CARRIER INFORMATION/DETAILS.
- G.C. TO VERIFY EXISTING FIELD CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION
- G.C. TO BRING ALL EXISTING AND NEW EQUIPMENT INTO COMPLIANCE WITH GOVERNING CODES.
- G.C. TO RE-COLOR/CODE ALL EXISTING AND NEW AT&T COAX TO CURRENT AT&T STANDARDS.

GENERAL SITE NOTES

N.T.S. 1



1355 W. UNIVERSITY DRIVE
MESA, AZ 85201-5419

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BECHTEL INFRASTRUCTURE
AND POWER CORPORATION
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PHOENIX, AZ 85034
PHONE: (602) 282-3084

AIDN ENGINEERING
1337 E. DESERT FLOWER LANE
PHOENIX, AZ 85048
PHONE: (480) 213-8534

PROJECT: NEW BUILD
SITE NO.: AZL04873
SITE NAME: TRICO SANDARIO
ROAD
FA CODE: 14623933
USID: 219833
2232 N SANDARIO RD
TUCSON, AZ 85743
PIMA COUNTY

△					
△					
△	02/11/19	REVISED PER COUNTY COMMENTS	JN	SAM	
△	12/03/18	ISSUED FOR APPROVAL	JN	SAM	
△	11/27/18	REVISED FOR COMMENTS	JN	SAM	
△	10/23/18	90% 2D	JN	SAM	

PROFESSIONAL SEAL

SDN

SHEET TITLE

ENLARGED SITE PLAN

SHEET NUMBER

A-2

XXQLH-664LH8-VT — 12-Port, 85 Degree Multi-band Base Station Antenna

- Multi-band Base Station Antenna
- Supports 85° coverage area of 120°
- 200W power output
- Independent of each bandwidth channel
- Fully independent antenna RFP

Model	Power	Frequency	Gain	Efficiency	Impedance
XXQLH-664LH8-VT	200W	850-900MHz	12.5	90%	50Ω
		900-960MHz	12.5	90%	50Ω
		1800-1900MHz	12.5	90%	50Ω
		1900-1980MHz	12.5	90%	50Ω

Antenna Specifications

Parameter	Value
Frequency Range	850-900MHz, 900-960MHz, 1800-1900MHz, 1900-1980MHz
Power Output	200W
Gain	12.5 dBi
Efficiency	90%
Impedance	50Ω
VSWR	≤ 1.5
Beam Width	85°
Coverage Area	120°
Antenna Type	Multi-band Base Station Antenna
Antenna Material	Aluminum
Antenna Finish	Black
Antenna Weight	15.0 lbs
Antenna Dimensions	12.0" x 12.0" x 12.0"

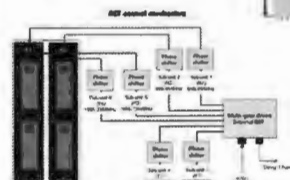
Parameter	Value
Frequency Range	850-900MHz, 900-960MHz, 1800-1900MHz, 1900-1980MHz
Power Output	200W
Gain	12.5 dBi
Efficiency	90%
Impedance	50Ω
VSWR	≤ 1.5
Beam Width	85°
Coverage Area	120°
Antenna Type	Multi-band Base Station Antenna
Antenna Material	Aluminum
Antenna Finish	Black
Antenna Weight	15.0 lbs
Antenna Dimensions	12.0" x 12.0" x 12.0"

ace technology

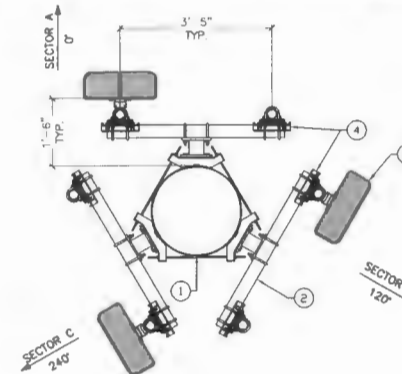
XXQLH-664LH8-VT — 12-Port, 85 Degree Multi-band Base Station Antenna



Color code	Color	Frequency	Connector No.	Connector
VP, V2	Red	850-900MHz	1, 2	4.5-16.5 Pounds
VP, V3	Blue	900-960MHz	3, 4	4.5-16.5 Pounds
VP, V4	Green	1800-1900MHz	5, 6	4.5-16.5 Pounds
VP, V5	Yellow	1900-1980MHz	7, 8	4.5-16.5 Pounds



ace technology



ANTENNA LAYOUT KEY NOTES:

- (N) 85°-0° TALL NEW UTILITY POLE DESIGNED AND SUPPLIED BY TRICO
- (N) ANTENNA SUPPORT KIT BY SITEPROI PART #RDS-23XX OR APPROVED EQUAL
- (N) AT&T ANTENNAS, (1) PER SECTOR, TYP. OF (3) ANTENNAS
- (N) TMA's (STACKED), (3) PER SECTOR, TYP. OF (9) TMA's



1355 W. UNIVERSITY DRIVE
MESA, AZ 85201-5419

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AND POWER CORPORATION
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AIDN
ENGINEERING
1337 E. DESERT FLOWER LANE
PHOENIX, AZ 85048
PHONE: (480) 215-0524

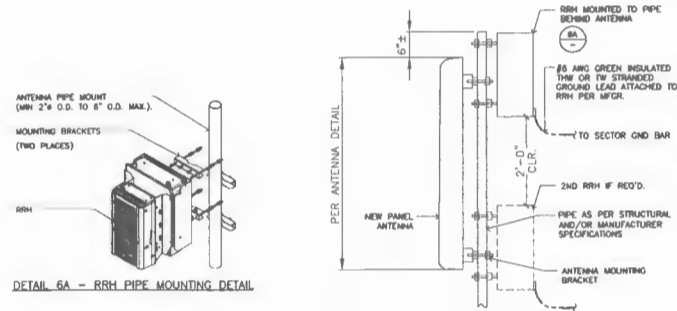
PROJECT: NEW BUILD
SITE NO.: AZL04873
SITE NAME: TRICO SANDARIO
ROAD
FA CODE: 14623933
USID: 219833
2332 N SANDARIO RD
TUCSON, AZ 85743
PIMA COUNTY

ANTENNA DATA SHEETS

SCALE: 3/4" = 1'-0" 4

ENLARGED ANTENNA LAYOUT

SCALE: 3/4" = 1'-0" 2



TYPICAL ANTENNA & RRH MOUNTING DETAIL

N.T.S. 3

NEW ANTENNA CONFIGURATION TABLE

POSITION (E OF N/A)	1	2	3	4
ANTENNA	(N) ACE RDS-23XX 85°-0° 108 48x (85°0'19" 7'x7'5")			
FEEDER LENGTH	4100FT 7/8 CONDUIT CABLE			
AZIMUTH	0°			
RAD CENTER	50°-0°			
TECHNOLOGY	LTE (1800, 1900 & 700)			
TMA	100			
TRIPLEXER	100			
RRH	812/814 Alameda Dual-Band RRH114N 330W (18.0dBi) Antenna Dual 85° 45° 825/84 330W 45°/0			
ANTENNA	(N) ACE RDS-23XX 85°-0° 108 48x (85°0'19" 7'x7'5")			
FEEDER LENGTH	4100FT 7/8 CONDUIT CABLE			
AZIMUTH	180°			
RAD CENTER	50°-0°			
TECHNOLOGY	LTE (1800, 1900 & 700)			
TMA	100			
TRIPLEXER	100			
RRH	812/814 Alameda Dual-Band RRH114N 330W (18.0dBi) Antenna Dual 85° 45° 825/84 330W 45°/0			
ANTENNA	(N) ACE RDS-23XX 85°-0° 108 48x (85°0'19" 7'x7'5")			
FEEDER LENGTH	4100FT 7/8 CONDUIT CABLE			
AZIMUTH	240°			
RAD CENTER	50°-0°			
TECHNOLOGY	LTE (1800, 1900 & 700)			
TMA	100			
TRIPLEXER	100			
RRH	812/814 Alameda Dual-Band RRH114N 330W (18.0dBi) Antenna Dual 85° 45° 825/84 330W 45°/0			

ANTENNA CONFIGURATION TABLE

N.T.S. 1

△				
△				
△				
△	02/11/19	REVISED PER COUNTY COMMENTS	JN	SAM
△	12/03/18	ISSUED FOR APPROVAL	JN	SAM
△	11/27/18	REVISED FOR COMMENTS	JN	SAM
△	10/23/18	90% ZD	JN	SAM

PROFESSIONAL SEAL

SDN

SHEET TITLE

ANTENNA LAYOUT

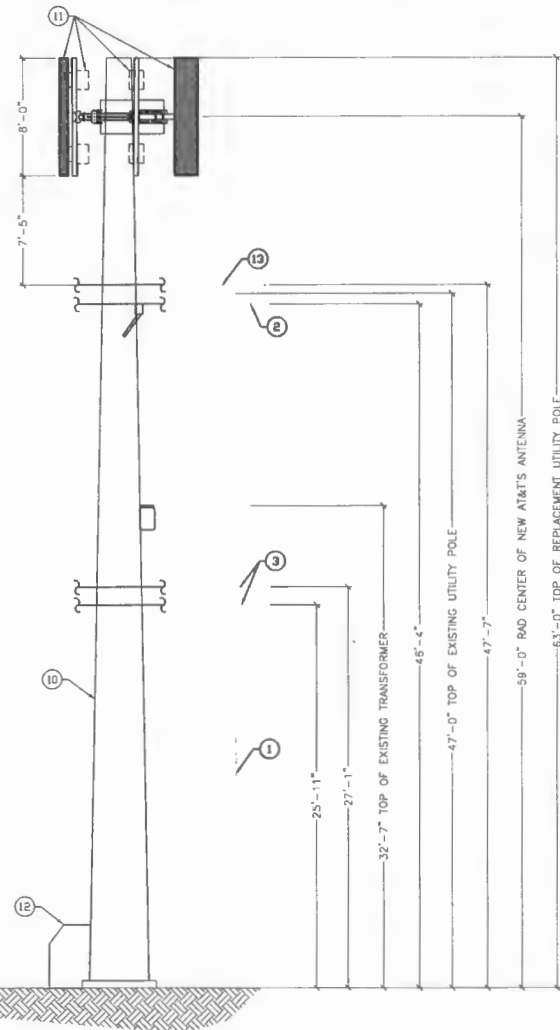
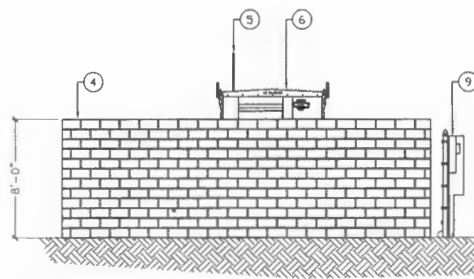
SHEET NUMBER

A-3

(E) AND (N) ELEVATION KEY NOTES: (E) (N)

1. (E) TRICO UTILITY POLE WITH (E) TRANSFORMER TO BE REMOVED AND REPLACED BY TRICO
2. (E) ELECTRIC WIRES TO BE RELOCATED BY TRICO
3. (E) UTILITY WIRES TO BE RELOCATED BY TRICO
4. (N) 8'-0" TALL CMU WALLED COMPOUND TO BE PAINTED "SHALE GREEN" TO MATCH (E) CMU WALLED COMPOUND ABOUT A HALF MILE SOUTH AND ON SANDARIO ROAD
5. (N) OPS ANTENNA MOUNTED ON (N) CABINET
6. (N) 6'-9"x6'-9" FABRICATED METAL WIC CABINET SUPPORTED BY GRAVITY PLATFORM, FABRICATION DRAWINGS TO BE PROVIDED BY MANUFACTURER
7. (N) RRSs AND TRIPLEXERS MOUNTED ON (N) H-FRAME (BEYOND AND NOT VISIBLE IN THIS VIEW)
8. (N) DC BACK-UP GENERATOR (BEYOND AND NOT VISIBLE ON THIS VIEW)
9. (N) 200A METER, DISCONNECT & NEMA 4 J-BOX MOUNTED ON (N) H-FRAME
10. (N) 63'-0" TALL REPLACEMENT UTILITY POLE W/ TRANSFORMER
11. (N) AT&T ANTENNAS, TMA's & ANTENNA MOUNT KIT, ANTENNAS AND TMA's TO BE PAINTED TO MATCH NEW POLE COLOR
12. (N) DOGHOUSE
13. (E) STATIC LINE TO BE RELOCATED

NOTE: EXISTING VEGETATION IS NOT SHOWN FOR CLARITY.



NEW WEST ELEVATION

22"x34" SCALE 1/4" = 1' 0"
11"x17" SCALE 1/8" = 1' 0"



1355 W. UNIVERSITY DRIVE
MESA, AZ 85201-5419

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2801 S. 37TH STREET, SUITE 200
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AIDN ENGINEERING
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PHOENIX, AZ 85048
PHONE: (480) 213-8524

PROJECT: NEW BUILD
SITE NO.: AZL04873
SITE NAME: TRICO SANDARIO
ROAD
FA CODE: 14623933
USID: 219833
2232 N SANDARIO RD
TUCSON, AZ 85743
PIMA COUNTY

△				
△				
△				
△	02/11/19	REVISED PER COUNTY COMMENTS	JN	SAW
△	12/03/18	ISSUED FOR APPROVAL	JN	SAW
△	11/27/18	REVISED FOR COMMENTS	JN	SAW
△	10/23/18	90% CD	JN	SAW

PROFESSIONAL SEAL

SDN

SHEET TITLE

SITE ELEVATION

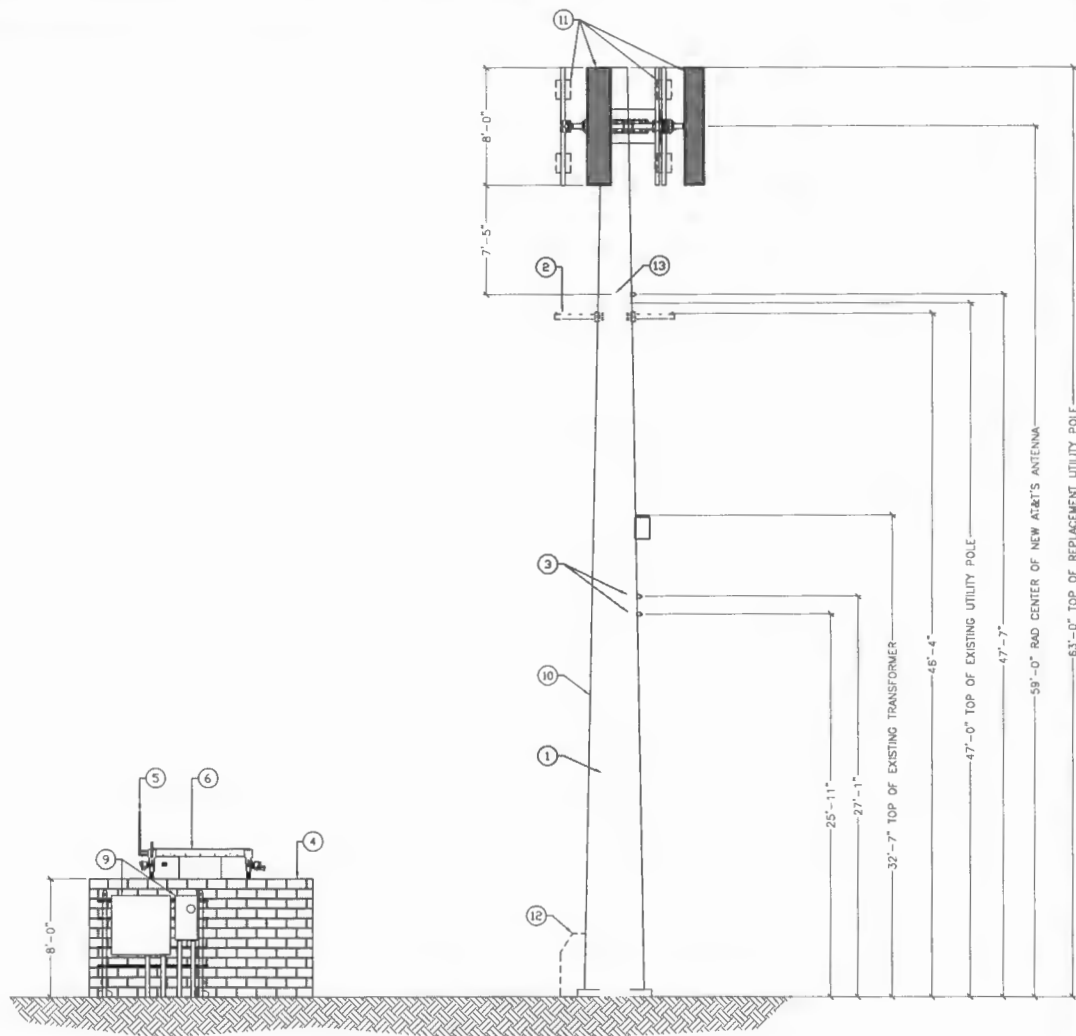
SHEET NUMBER

A-4

(E) AND (N) ELEVATION KEY NOTES: (8) (8)

1. (E) TRICO UTILITY POLE WITH (E) TRANSFORMER TO BE REMOVED AND REPLACED BY TRICO
2. (E) ELECTRIC WIRES TO BE RELOCATED BY TRICO
3. (E) UTILITY WIRES TO BE RELOCATED BY TRICO
4. (N) 8'-0" TALL CMU WALLED COMPOUND TO BE PAINTED "SHALE GREEN" TO MATCH (E) CMU WALLED COMPOUND ABOUT A HALF MILE SOUTH AND ON SANDARIO ROAD
5. (N) GPS ANTENNA MOUNTED ON (N) CABINET
6. (N) 6'-9"x6'-9" FABRICATED METAL WC CABINET SUPPORTED BY GRAVITY PLATFORM, FABRICATION DRAWINGS TO BE PROVIDED BY MANUFACTURER
7. (N) RRSs AND TRIPLEXERS MOUNTED ON (N) H-FRAME (BEYOND AND NOT VISIBLE IN THIS VIEW)
8. (N) DC BACK-UP GENERATOR (BEYOND AND NOT VISIBLE ON THIS VIEW)
9. (N) 200A SERVICE METER, DISCONNECT & NEMA 4 J-BOX MOUNTED ON (N) H-FRAME
10. (N) 63'-0" TALL REPLACEMENT UTILITY POLE W/ TRANSFORMER
11. (N) AT&T ANTENNAS, TMA's, & ANTENNA MOUNT KIT, ANTENNAS AND TMA's TO BE PAINTED TO MATCH NEW POLE COLOR
12. (N) DOGHOUSE (BEHIND)
13. (E) STATIC LINE TO BE RELOCATED

NOTE: EXISTING VEGETATION IS NOT SHOWN FOR CLARITY.



NEW SOUTH ELEVATION

22"x34" SCALE: 1/4" = 1' 0"
11"x17" SCALE: 1/8" = 1' 0"



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MESA, AZ 85201-5419

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PHONE: (602) 282-3084

Abn ENGINEERING 1337 E. DESERT FLOWER LANE
PHOENIX, AZ 85048
PHONE: (480) 213-8524

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SITE NO.: AZL04873
SITE NAME: TRICO SANDARIO ROAD
FA CODE: 14623933
USID: 219833
2232 N SANDARIO RD
TUCSON, AZ 85743
PIMA COUNTY

△					
△					
△					
△	03/11/18	REVISED PER COUNTY COMMENTS	JN	SAM	
△	12/03/18	ISSUED FOR APPROVAL	JN	SAM	
△	11/27/18	REVISED FOR COMMENTS	JN	SAM	
△	10/23/18	DOK ZD	JN	SAM	

PROFESSIONAL SEAL

SDN

SHEET TITLE

SITE ELEVATION

SHEET NUMBER

A-5