



CITY OF ELOY

COMMUNITY DEVELOPMENT DEPARTMENT PLANNING & ZONING - BUILDING & SAFETY - CODE COMPLIANCE

THE CITY OF ELOY PLANNING & ZONING COMMISSION MEETING Wednesday, April 17, 2019, 6:00 PM Eloy City Council Chambers-City Hall 595 North C Street Eloy, Arizona 85131

AGENDA

- I. Call to Order
- II. Roll Call
- III. Invocation
- IV. Pledge of Allegiance
- V. Old Business: Possible discussion and/or action on the following:
- VI. New Business: Possible discussion and/or action on the following:
 - A. Conduct a Public Hearing on Conditional Use Permit 19-001, a request by Campbell A & Z, representing AT & T Mobility, to remove a 62'-8" APS power pole and replace it with a 75'-6" APS power pole located at 5061 N. La Palma Road, which is the northeast corner of the intersection of La Palma Road and the Arica Road alignment (a portion of Assessor's Parcel Number 401-48-024P).
- VII. Informational Item:
 - A. Update on the Economic Development Strategic Plan
 - B. Update on the Main Street Arcade Renovation Project
- VIII. Communications:
 - A. A. City Council Update-Ex Officio Member Report
- IX. Motion to Adjourn

**POSTED BY FRIDAY, APRIL 12, 2019, BY 5:00 P.M., AT ELOY CITY HALL, ELOY POST OFFICE,
TROY THOMAS COMMUNITY CENTER, TOLTEC COMMUNITY/SENIOR CENTER AND CITY
WEBSITE: www.elayaz.gov**

A handwritten signature in black ink, reading "Mary Myers", followed by a horizontal line.

Mary Myers, CMC
City Clerk

INDIVIDUALS WITH SPECIAL ACCESSIBILITY NEEDS MAY CONTACT LORENA LaSALDE-RIOS, ADA COORDINATOR FOR THE CITY OF ELOY AT 520-466-9201 OR 520-466-7455 (TDD). IF POSSIBLE, SUCH REQUESTS SHOULD BE MADE 72 HOURS IN ADVANCE. ONE OR MORE MEMBERS OF THE COUNCIL AND/OR STAFF MAY PARTICIPATE BY TELEPHONIC OR VIDEO MEANS.

CITY OF ELOY

REQUEST FOR COUNCIL ACTION

Agenda Item: **VI.A.**

Date: **4/17/2019**

Date submitted:
4/11/2019

Action: Other

Subject: Conduct a Public Hearing on Conditional Use Permit 19-001, a request by Campbell A & Z, representing AT & T Mobility, to remove a 62'-8" APS power pole and replace it with a 75'-6" APS power pole located at 5061 N. La Palma Road, which is the northeast corner of the intersection of La Palma Road and the Arica Road alignment (a portion of Assessor's Parcel Number 401-48-024P).

TO: Planning and Zoning Commission

FROM:

RECOMMENDATION:

Recommendation: Staff recommends that the Planning & Zoning Commission approve (with conditions) a Conditional Use Permit for Campbell A & Z, LLC representing AT & T Mobility, to remove the existing 62'-8" tall telecommunications tower on this parcel and to replace it with a 75'-6" tall telecommunications tower slightly to the west. The tower supported ground equipment will remain in the existing location. This replacement will take place at 5061 N. La Palma Road (APN 401-48-024P) owned by Arizona Public Service (APS) and currently functions as an electrical substation.

If the Planning & Zoning Commission considers approval for this request for a Conditional Use Permit, Staff respectfully requests the Commission to approve it subject to the following conditions:

1. That a pre-application meeting be conducted prior to the submittal of building plans to obtain a building permit; and
2. That a map of the service area for this facility be submitted with building plans; and
3. That development of the conditional use shall be in substantial conformance with

the submittal package dated 01/14/2019 and included as an attachment herein.

4. That the design of the equipment cabinet and related structures, if any, shall use materials, colors, textures, screening and landscaping that are harmonious with the existing exterior building color and existing landscape setting; and

5. That all equipment shall be unmanned and that the equipment cabinets shall comply with all applicable building codes; and

6. That any exterior lighting shall be fully shielded and within the walled or fenced area and shall be mounted on poles or on the equipment cabinets below the height of the perimeter CMU wall; and

7. That no signs shall be allowed on the antennas, tower or any portion of the lease area except for the identification of a permanently installed plaque or marker, no larger than 4" x 6", clearly identifying the provider's name, address, email, and emergency phone number; and

8. Allow any state, regional and/or local public Emergency Services provider the ability to co-locate wireless facilities upon this monopole if needed, at no charge; and

9. That the Conditional Use Permit shall become null and void if it has not been exercised and the use established within twelve (12) months of the date of Council approval (a Conditional Use Permit is exercised when the use has been established or when a building permit has been issued, construction commenced, and the building permit remains valid); and

10. That the use shall meet or exceed current standards and regulations of the FAA, the FCC, and any other agency of the state or federal government with authority to regulate towers and antennas; and

11. Amendments to the Conditional Use Permit shall be processed in the same manner as the original permit, except that the Zoning Administrator may authorize minor amendments.

Discussion: The City received an application from Campbell A & Z (representing AT & T Mobility) to remove the existing 62'-8" tall telecommunications tower identified above and to replace it with a 75'-6" tall telecommunications tower slightly to the west. In addition, the project would also include:

Installation of six (6) antennas@ 2 antennas per sector and 3 total sectors

Installation of a new pre-fabricated equipment shelter on a gravity slab and placement

of a new emergency generator.

Construction of a 9'4 tall chain link fence to secure the AT & T equipment cabinets that match the existing chain link fencing of the APS substation and Verizon Wireless equipment compound fencing.

All associated cabling will be placed internal to the pole and then undergrounded to the equipment shelter

Installation of new electrical and Telco service for the local service providers, which will be placed underground from their sources to the equipment compound.

The access route from La Palma Road, then east at the existing APS driveway to the equipment compound.

The subject property is identified as 401-48-024P by the Pinal County Assessor. This parcel is currently owned by Arizona Public Service (APS) and is utilized as an electrical substation. It currently functions with an existing and operational APS pole with telecommunications apparatus. The parcel is zoned RR-20 which may allow a Wireless Facility as a Conditional Use. The Eloy General Plan identifies this parcel as Public/Institutional, which is consistent with this proposed Conditional Use Permit request.

As required by ARS § 9-462.04, this item will be conducted as a "Public Hearing". Notice of the public hearing was given at least fifteen (15) days before the hearing by publication of the notice in the Eloy Enterprise and posting of the notice at the official City posting locations.

Due to the near identical removal and replacement of this power pole, Staff did not believe a pre-application meeting was warranted. Written notification was provided to the property owners within 300 feet in early April 2019. No comments have been received at this time.

DISCUSSION:

FISCAL IMPACT:

There is not a direct fiscal impact to the City if this request is approved. However, the upgrade in commercial cell phone/handheld device service will benefit existing and future AT & T customers and those requesting emergency services within proximity to this enhanced telecommunications pole in the surrounding area and at the Prison Complex.

PROJECT INFORMATION

NEW TELECOMMUNICATIONS
FACILITY

SITE NO: AZL01398
SITE NAME: APS ARICA
SUBSTATION

5061 N LA PALMA RD
ELOY, AZ 85131

PROJECT OWNER



at&t

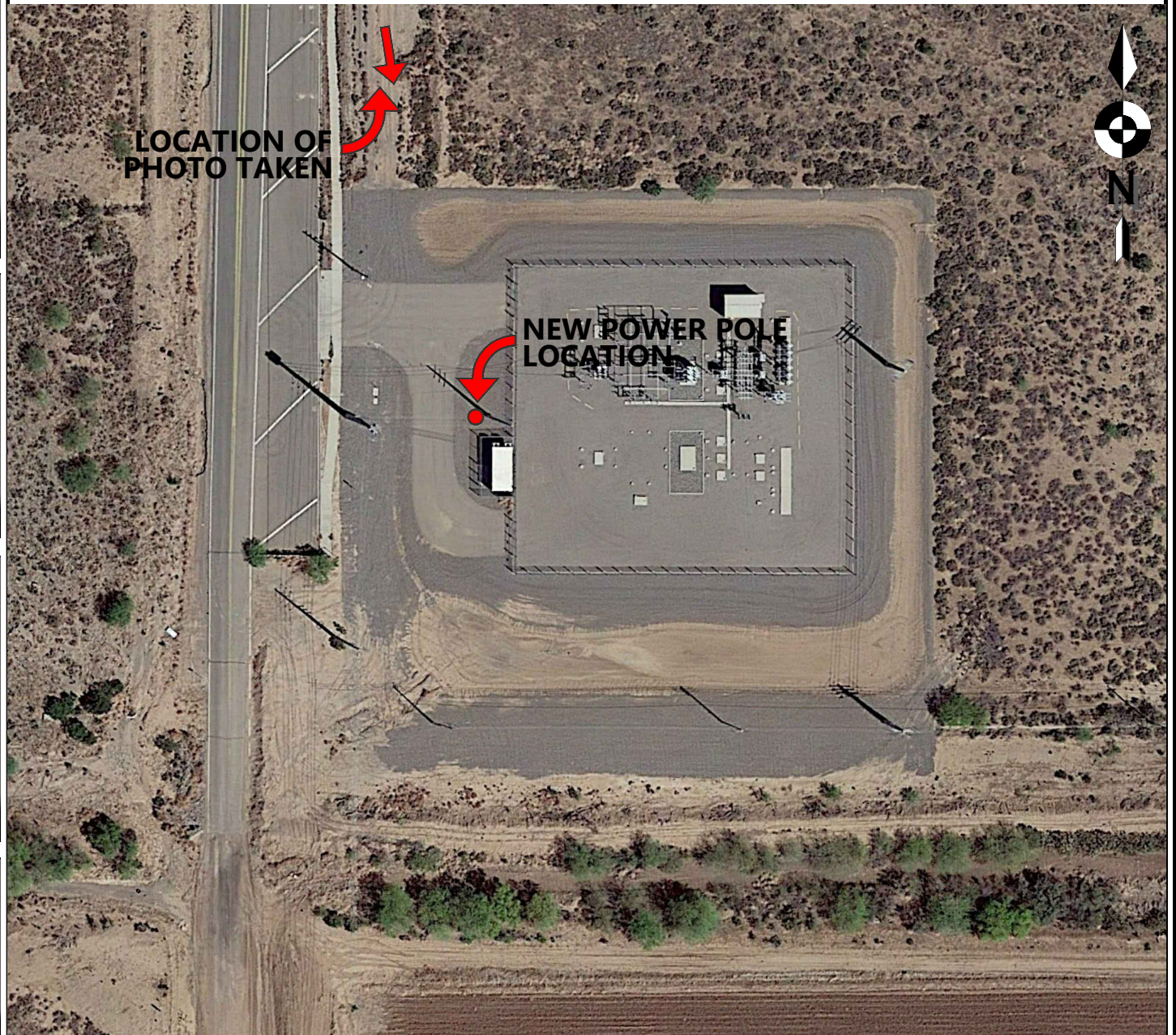
SITE DEVELOPMENT



PREPARED BY



LOCATION MAP



PROJECT INFORMATION

NEW TELECOMMUNICATIONS
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SITE NO: AZL01398
SITE NAME: APS ARICA
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5061 N LA PALMA RD
ELOY, AZ 85131

PROJECT OWNER



at&t

SITE DEVELOPMENT



PREPARED BY



Looking South Toward
Tower Location (Before)



PROJECT INFORMATION

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5061 N LA PALMA RD
ELOY, AZ 85131

PROJECT OWNER



at&t

SITE DEVELOPMENT



PREPARED BY



Looking South Toward
Tower Location (After)



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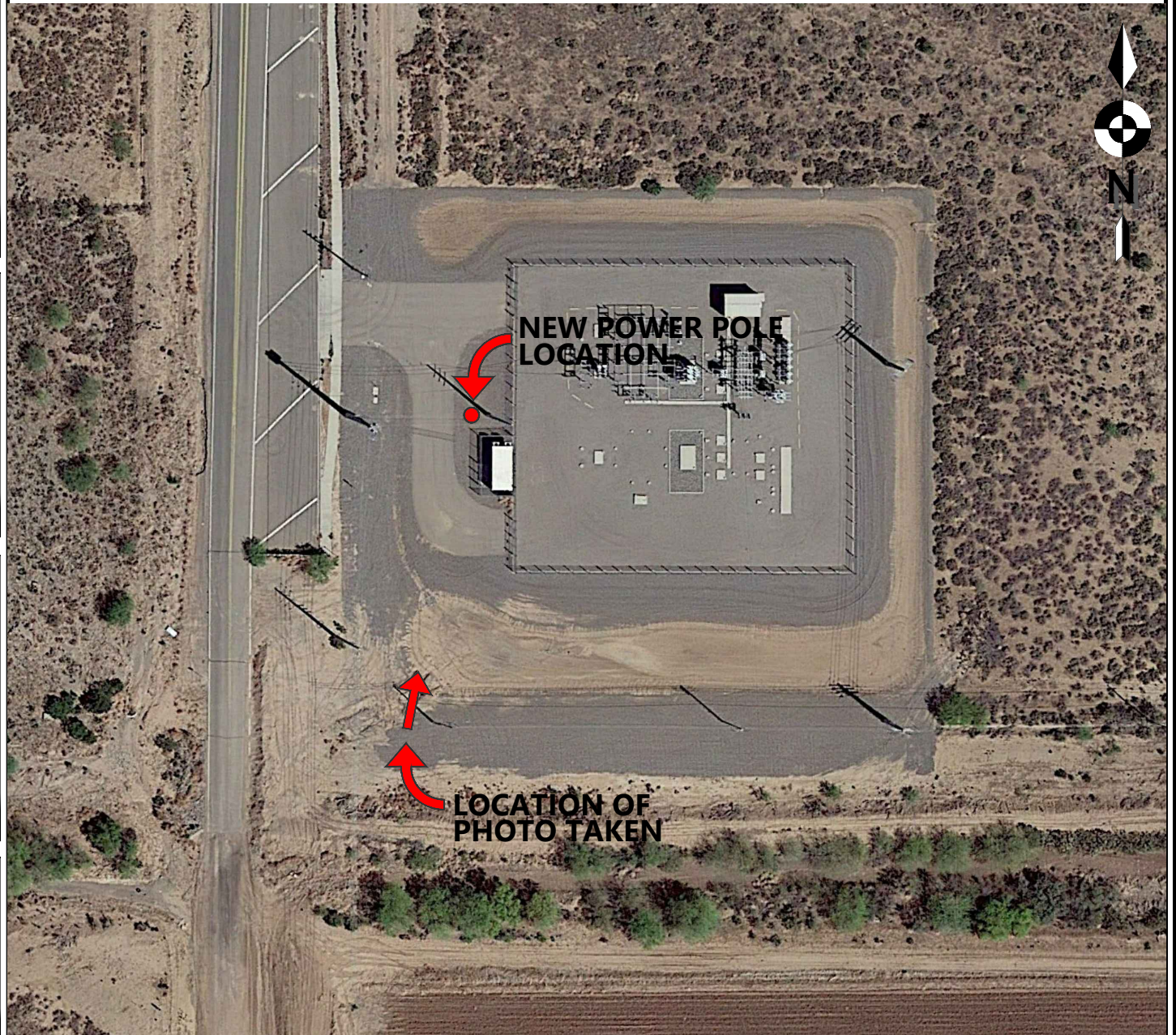
SITE DEVELOPMENT



PREPARED BY



LOCATION MAP



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SITE DEVELOPMENT



PREPARED BY



Looking North Toward
Tower Location (Before)



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at&t

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PREPARED BY



Looking North Toward
Tower Location (After)



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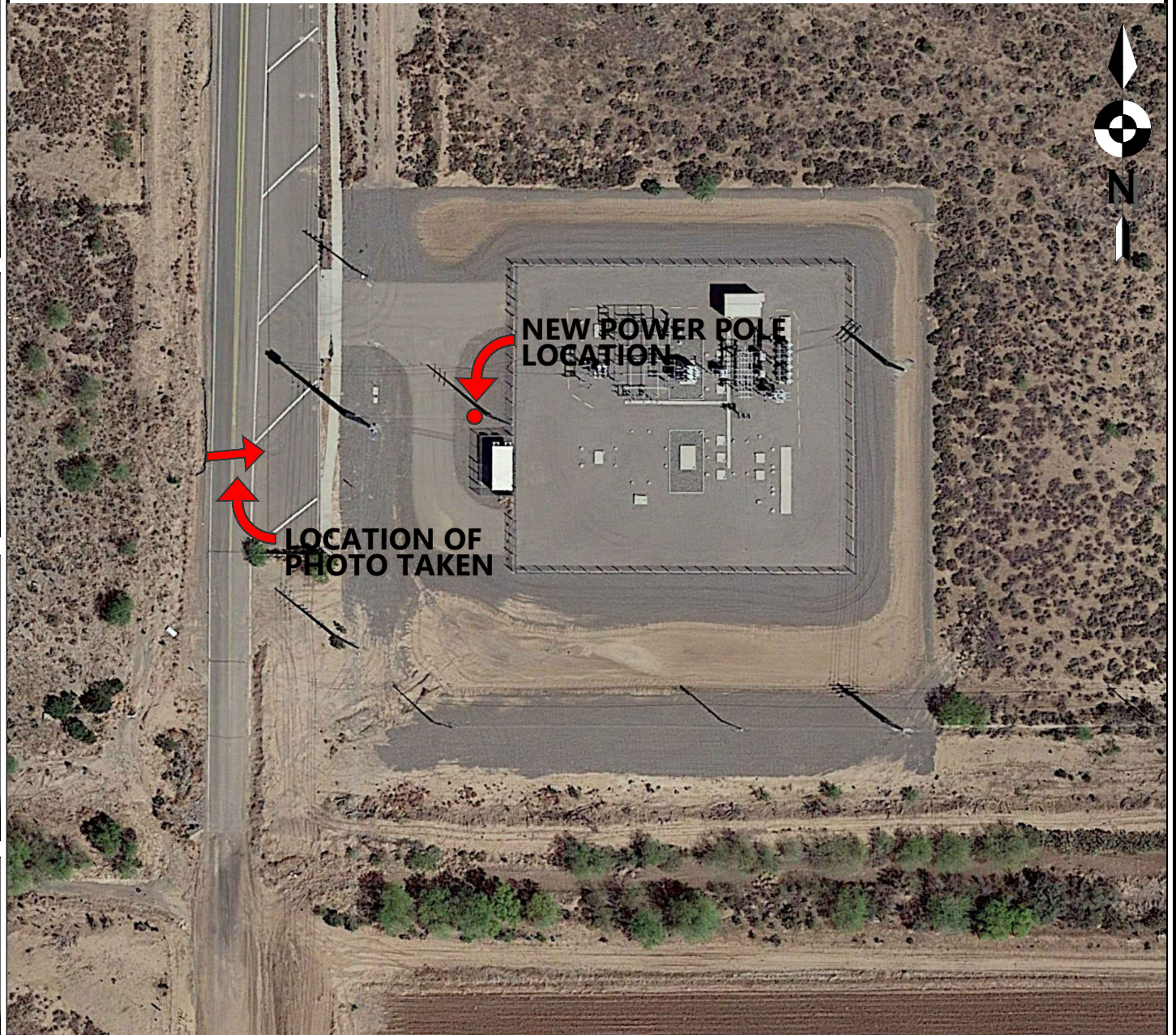
SITE DEVELOPMENT



PREPARED BY



LOCATION MAP



PROJECT INFORMATION

NEW TELECOMMUNICATIONS
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SITE NO: AZL01398
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SUBSTATION

5061 N LA PALMA RD
ELOY, AZ 85131

PROJECT OWNER



at&t

SITE DEVELOPMENT



PREPARED BY



Looking East Toward
Tower Location (Before)



PROJECT INFORMATION

NEW TELECOMMUNICATIONS
FACILITY

SITE NO: AZL01398
SITE NAME: APS ARICA
SUBSTATION

5061 N LA PALMA RD
ELOY, AZ 85131

PROJECT OWNER



at&t

SITE DEVELOPMENT



PREPARED BY



Looking East Toward
Tower Location (After)



New Power
Pole Location

PROJECT NARRATIVE

To: Planning & Zoning Department
City of Eloy

From: Michael J. Campbell

Date: February 26, 2019

Re: Project Narrative for CUP Approval
Wireless Communications Facility
AT&T Mobility @ APS Arica Substation

REQUEST:

We are requesting a CUP Approval to allow for wireless communication facilities at the APS Arica Substation located at 5061 N. La Palma Rd

PARCEL INFORMATION:

APN# 401-48-024P

Section 16, Township 7South, Range 8East

Zoning District: RR-20

Surrounding Zoning: North: RR-20, East: RR-20, South: RR-20 and West RR-20

Surrounding Land Development: North: developed, South: undeveloped, East: developed, West: undeveloped

PROJECT INFORMATION

- Removal of the existing 62'8" APS power pole, replacing with a new 63'6" pole and APS 40" required separation extension to the pole.
- Installation of a tower with 6 antennas, 2 antennas per sector, 3 sectors mounted at the 71'6" level; 15 RRH units. Top overall height of the APS pole and AT&T antennas will be 75'6"
- Installation of a new pre-fabricated equipment shelter on a gravity slab, placement of a new emergency generator.
- Construction of a 9'4" tall chain link fence that will secure the AT&T equipment cabinets, etc. The chain link fence will match the existing APS substation fencing and the adjacent Verizon Wireless equipment compound fencing.
- All associated cables will be internal to the pole and then underground to the equipment shelter.
- Installation of new electrical and telco service from the local service providers. The electric and telco service will run underground from the source to the equipment compound.
- The access route from La Palma Rd., then east at the existing APS driveway to the equipment compound.

CURRENT/PROPOSED GENERAL PLAN DESIGNATION:

The location, 5061 N La Palma Rd., APS Arica Substation is a set in the Public/Institutional Lands designation of the Eloy General Plan as stated below:

Public/Institutional

Permitted Zoning District: Public Facility (PF)

This designation shall be used for land and/or facilities that are owned by a city, county, state, or federal, public or quasi-public institutional entity. The land uses allowed shall provide governmental, educational, cultural, aviation, or corrections services within the City. These

CAMPBELL A&Z, LLC

essential public uses shall support and enhance the overall community's land use pattern and visual aesthetics in order to minimize potential negative impacts.

Current /Proposed Zoning District:

The current zoning map shows the area as RR-20, Low Density Residential.

The proposed use is a Wireless Communications facility at an existing utility substation. The substation is deemed a basic public service and wireless communication facilities are becoming a basic public need.

The proposed use is consistent with the existing uses on the parcel, electrical substation and an existing wireless communication facility. This use is suitable for the existing zoning district. The proposed use will not have a negative impact on the surrounding uses and properties, in fact the addition of a second commercial wireless carrier to the area is deemed a benefit to the property owners, and commuters providing a safety factor for emergency services.

Development Guidelines:

The Public/Institutional land designation will be used to provide for the basic functions and services as needed and desired by the City's residents and business owners.

The proposed site is designed to provide improved network coverage gaps for AT&T in the adjacent prison campus, and the surrounding Eloy community, as well as the transportation routes along La Palma Rd., Hanna Road and the other nearby roads

On behalf of AT&T, I respectfully request submit this Project Narrative for the CUP Approval for review and comment for the proposed Wireless Communications Facility.

Please contact me at 602-616-8396, or via email at campbellaz1@earthlink.net if you have any questions and/or need additional information.

Sincerely,

Michael J Campbell

Michael J. Campbell
Campbell A&Z, LLC

Encl: Site Plan, Vicinity Map, Ownership Labels, Fee check

CAMPBELL A&Z, LLC



PINAL COUNTY

Pinal County Assessor Parcel Viewer · Assessor Douglas J. Wolf



Pinal County Assessor's Office
PO Box 709
311 N Pinal St
Florence, AZ 85132
520.866.6361
assessor@pinalcountyaz.gov

Disclaimer: Pinal County does not guarantee that any information contained within this dataset or map is accurate, complete, or current. This data is for informational use only and does not constitute a legal document for the description of these properties. The Pinal County disclaims any responsibility or liability for any direct or indirect damages resulting from the use of this data. The boundaries depicted within this dataset or map are for illustrative purposes only. Users should independently research, investigate, and verify all information before relying on this map or using this map in the preparation of legal documents.

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GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

CONSULTANT TEAM

CLIENT REPRESENTATIVE
BECHTEL INFRASTRUCTURE & POWER CORPORATION
2601 S. 37TH STREET, SUITE 200
PHOENIX, AZ 85034
CONTACT: T.J. BURMESCH
PHONE: (623) 282-3015

PROJECT OWNER
AT&T MOBILITY
1355 W. UNIVERSITY DR.
MESA, AZ 85201
CONTACT: ROBERT HOFRICHTER
PHONE: (480) 444-4681
E-MAIL: RH1316@ATT.COM

PROPERTY OWNER AND POLE OWNER
APS
RT MANAGEMENT GROUP, INC.
3104 E. CAMELBACK RD. SUITE 575
PHOENIX, ARIZONA 85016
CONTACT: BRIAN THOMPSON
PHONE: (602) 418-8971

A & E
ABN ENGINEERING
1337 EAST DESERT FLOWER LANE
PHOENIX, AZ 85048
CONTACT: SANDEEP A. MANE, PE
PHONE: (480) 213-8524
E-MAIL: SMANE@ABNENG.COM

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, INFERIOR AND/OR IMPROPER MATERIALS, DAMAGED GOODS, AND/OR FAULTY WORKMANSHIP FOR ONE (1) YEAR AFTER THE PROJECT IS COMPLETE AND ACCEPTED UNDER THIS CONTRACT: UNLESS NOTED OTHERWISE IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR. (EXCEPTION) THE ROOFING SUBCONTRACTOR SHALL FURNISH A MAINTENANCE AGREEMENT FOR ALL WORK DONE, COSIGNED BY THE GENERAL CONTRACTOR, TO MAINTAIN THE ROOFING IN A WATERTIGHT 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.

AT&T GC TO VERIFY ALL MEASUREMENTS OF EXISTING CONDUITS FOR FIBER RUN AND ANY POWER RUNS.

DO NOT SCALE DRAWINGS

SITE INFORMATION

OWNER/LANDLORD: **PROPERTY OWNER AND POLE OWNER**
APS
RT MANAGEMENT GROUP, INC.
3104 E. CAMELBACK RD. SUITE 575
PHOENIX, ARIZONA 85016
CONTACT: BRIAN THOMPSON
PHONE: (602) 418-8971

APPLICANT: **AT&T MOBILITY**
1355 W. UNIVERSITY DR.
MESA, AZ 85201
CONTACT: ROBERT HOFRICHTER
PHONE: (480) 444-4681
E-MAIL: RH1316@ATT.COM

TOWER TYPE: NEW UTILITY MONOPOLE

EXISTING SITE TYPE: WIRELESS COMMUNICATIONS FACILITY

APN 401-48-024P

LATITUDE 32° 48' 27.5186" N
32.807644°

LONGITUDE 111° 31' 55.7019" W
-111.532139°

EXISTING ELEVATION: ±1,521.8

USE CODE: 0004

CONSTRUCTION TYPE: V-B

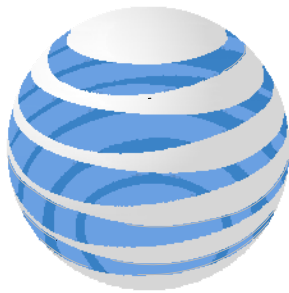
PROPOSED LEASE AREA: 375 SQ. FT

PROPOSED OCCUPANCY: UNMANNED TELECOMMUNICATIONS FACILITY

EXISTING OCCUPANCY: UNMANNED TELECOMMUNICATIONS FACILITY

JURISDICTION: CITY OF ELOY

ELECTRICAL PROVIDER: APS



AT&T

PROJECT: NEW SITE BUILD
SITE NO.: AZL01398
SITE NAME: APS ARICA SUBSTATION
FA CODE: 14615725
USID: 217569
5061 N. LA PALMA RD.
ELOY, AZ 85131

DRIVING DIRECTIONS

DIRECTIONS:

DEPARTING THE AT&T OFFICE AT 1355 W. UNIVERSITY IN MESA: TAKE THE ARIZONA 101 LOOP S. KEEP RIGHT TOWARD AZ-202 W LOOP. AT EXIT 55A-B, TAKE RAMP RIGHT FOR I-10 EAST TOWARD TUCSON. AT EXIT 194, TAKE RAMP RIGHT FOR AZ-287 E. FLORENCE BLVD. CONTINUE ONTO AZ-287 E THEN TURN RIGHT ONTO 11 MILE CORNER. TURN LEFT ONTO E. HANNA RD. THEN TURN RIGHT ONTO N. LA PALMA RD. SITE IS LOCATED 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 CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- 2012 IBC, STANDARDS AND AMENDMENTS
- 2012 IMC, STANDARDS AND AMENDMENTS
- 2012 IFC, STANDARDS AND AMENDMENTS
- 2012 IPC, STANDARDS AND AMENDMENTS
- 2011 NEC, STANDARDS AND AMENDMENTS

ACCESSIBILITY REQUIREMENTS:

FACILITY IS UNMANNED 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

RFDS NAME:
AZ-NM_ARIZONA_AZL01398-1C,2C,3C,4C,5C_2019-New-Site_LTE_ac7856_3901AQHGDN_14615725_217569_09-11-2018_Preliminary-Approved_v3.00

REVISION: -
VERSION: 3.00
RFDS DATE: 09/11/2018 UPDATED BY AC7856 ON 9/28/2018 9:12:41 PM

SUMMARY OF EQUIPMENT:

NUMBER OF SECTORS: 3
NUMBER OF ANTENNAS: 6
NUMBER OF TMA'S: 6
NUMBER OF RRH'S: 9
NUMBER OF FIBER OPTIC CABLES (JUMPERS) . . 0
NUMBER OF DC CABLES (JUMPERS) 0
NUMBER OF COAX CABLES 24
NUMBER OF FIBER/DC SQUIDS: 0
NUMBER OF DC ONLY SQUIDS 0
NUMBER OF FIBER TRUNK CABLES 0
NUMBER OF DC TRUNK CABLES 0
NUMBER OF TRIPLEXER 6

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 CABINET & BACK-UP GENERATOR IN AN EXISTING FENCED EQUIPMENT COMPOUND TO INCLUDE THE FOLLOWING:

- (1) NEW METAL WIC CABINET W/PRE-INSTALLED VERTIV POWER PLANT W/ (12) ENERSYS POWER SAFE BATTERIES, PREINSTALLED (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
- NEW U.G. PVC CONDUIT RUNS FROM WIC TO NEW MONOPOLE
- (1) NEW GPS ANTENNA MOUNTED ON CABINET (WIC)
- NEW UTILITY H-FRAME WITH NEMA 4 J-BOX & SERVICE METER & DISCONNECT
- NEW U.G. CONDUITS FOR ELECTRICAL SERVICE & (TELCO W/INNERDUCT)
- (3) NEW AHCA B5 Airscale RRH 4T4R B5 160W AHCA (1) PER SECTOR
- (3) NEW B12/B14 Airscale Dual-band RRH 4T4R 320W AHLBA (1) PER SECTOR
- (3) NEW B25/B266 Airscale Dual RRH 4T4R 320W AHFIB (1) PER SECTOR
- (6) NEW TOP-697136-x-T2 DIPLEXERS
- (24) NEW 7/8 COAX CABLES JUMPERS
- (3) NEW DC POWER TRUNK CABLES
- (1) NEW 18 PAIR FIBER

TOWER SCOPE

- INSTALL NEW 63'-6" TALL NEW UTILITY MONOPOLE WITH 40" EXTENSION & ITS FOUNDATION BY APS

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

- (1) NEW APS PLATFORM (DESIGNED AND SUPPLIED BY APS)
- (6) NEW ACE XXQLH-654L8H8-IVT ANTENNAS (1) PER SECTOR
- (6) NEW TMABPDB7823VG12A TMA (1) PER SECTOR
- (1) NEW RET TEST LINE
- (24) NEW 7/8 COAX CABLES

ELECTRICAL SCOPE (SHOW BREAKER LIST)

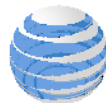
- 50A BREAKER - B12/B14 Airscale Dual-band RRH4T4R 320W (AHLBA) 3 TOTAL
- 25A BREAKER - Airscale Dual RRH 4T4R B25/66 320W AHFIB (3) TOTAL
- 20A BREAKER - LTE FSM4, (1) TOTAL
- 10A BREAKER - SIAD, (1) TOTAL
- 50A BREAKER - B25/B66 RRH, (3) TOTAL

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
SS-2	SITE SURVEY DETAIL
A-1	OVERALL SITE PLAN
A-2	SITE PLAN
A-3	NEW ENLARGED SITE PLAN
A-4	ANTENNA LAYOUT
A-5	ELEVATIONS

JURISDICTIONAL APPROVAL



AT&T

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 INFRASTRUCTURE AND POWER CORPORATION
2601 S. 37TH STREET, SUITE 200
PHOENIX, AZ 85034
PHONE: (623) 282-3084



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

PROJECT: NEW BUILD
SITE NO.: AZL01398
SITE NAME: APS ARICA SUBSTATION
FA CODE: 14615725
USID: 217569

5061 N. LA PALMA RD.
ELOY, AZ 85131
PINAL COUNTY

△				
△				
△				
△	0	01/14/19	ISSUED FOR APPROVAL	JN SAM
△	C	12/7/18	REVISED PER APS COMMENTS	JN SAM
△	B	10/12/18	95% ZD	JN SAM
△	A	10/03/18	90% ZD	JN SAM

PROFESSIONAL SEAL

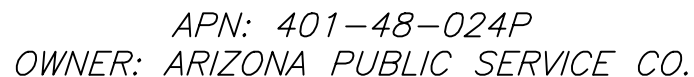
SDN

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1



APN	ASSESSORS PARCEL NUMBER
FND	FOUND
(C)	CALCULATED
(R)	RECORD
(M)	MEASURED
R.O.W.	RIGHT OF WAY
R.L.S.	REGISTERED LAND SURVEYOR
PCR	PINAL COUNTY RECORDER
P.U.E.	PUBLIC UTILITY EASEMENT
SQ. FT.	SQUARE FEET
BK. PG.	BOOK AND PAGE
●	FND BRASS CAP IN HAND HOLE
⌚	TELEPHONE PEDESTAL
=====	PROPERTY LINE
-----	CENTER LINE
- · - · - · - · -	RIGHT OF WAY LINE
- · · · - · -	EASEMENT LINE
-----	ASSESSOR'S PARCEL LINE
----- E -----	UNDERGROUND ELECTRIC LINE
----- FO -----	UNDERGROUND FIBER OPTIC LINE

08/30/2018

1. ELEVATIONS SHOWN HEREON ARE REPRESENTED IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) ESTABLISHED FROM GPS DERIVED ELLIPSOID HEIGHTS, APPLYING GEOID 12B SEPARATIONS CONSTRINED TO NGS CORS STATIONS.
2. BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM ARIZONA STATE PLANE COORDINATE ZONE CENTRAL, DETERMINED BY GPS OBSERVATIONS.

1. REFERENCE IS MADE TO CONDITION OF TITLE PREPARED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, TITLE NO.: AZ-FMPC-IMP-N/A-1-18-10004076, DATED: SEPTEMBER 6, 2018 AT 7:30 A.M.
2. SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECTS IN TITLE.
3. THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.

1. UNDERGROUND UTILITIES AS SHOWN ARE BASED ON BLUESTAKE AND PRIVATE LOCATOR MARKS PERFORMED BY OTHERS.
2. SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.

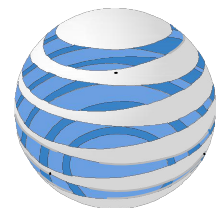
BOOK 22 OF MAPS, PAGE 233 PCR
BOOK 23 OF MAPS, PAGE 162 PCR
FEE NO.: 2011-44116

THAT PORTION OF SECTION 16, TOWNSHIP 7 SOUTH, RANGE 8 EAST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY BEING MORE
PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING FOR A.T.I.E. AT THE SOUTHWEST CORNER OF SAID SECTION 16;
THENCE NORTH 00 DEGREES 07 MINUTES 36 SECONDS WEST, (BASIS OF
BEARINGS) ALONG THE WEST LINE OF SAID SECTION 16, A DISTANCE OF
105.21 FEET;
THENCE NORTH 89 DEGREES 41 MINUTES 18 SECONDS EAST, A DISTANCE
OF 65.00 FEET TO THE TRUE POINT OF BEGINNING;

THENCE NORTH 00 DEGREES 07 MINUTES 36 SECONDS WEST, ALONG A LINE THAT IS 65.00 FEET EAST OF AND PARALLEL WITH THE WEST LINE OF SAID SECTION 16, A DISTANCE OF 310.00 FEET;
THENCE NORTH 89 DEGREES 41 MINUTES 18 SECONDS EAST, A DISTANCE OF 350.00 FEET;
THENCE SOUTH 00 DEGREES 07 MINUTES 36 SECONDS EAST, A DISTANCE OF 350.00 FEET;
THENCE SOUTH 89 DEGREES 41 MINUTES 18 SECONDS WEST, A DISTANCE OF 310.00 FEET;
THENCE NORTH 45 DEGREES 13 MINUTES 09 SECONDS WEST, A DISTANCE OF 56.48 FEET, MORE OR LESS, TO THE TRUE POINT OF BEGINNING;

EXCEPT ALL MINERALS, ORES AND METALS OF EVERY KIND AND CHARACTER, AND ALL COAL, ASPHALTUM, OIL, GASES, FERTILIZERS, FOSSILS AND OTHER LIKE SUBSTANCES IN OR UNDER SAID LAND AS RESERVED UNTO THE STATE OF ARIZONA IN THE PATENT TO SAID LAND.



AT&T

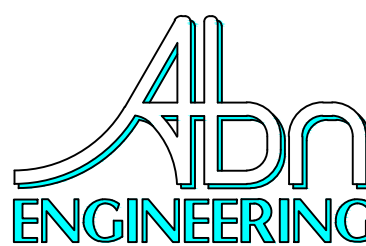
1355 W. UNIVERSITY DRIVE
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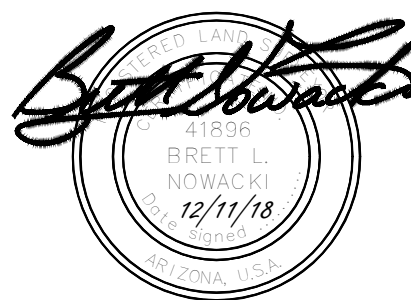
1337 E. DESERT FLOWER LANE
PHOENIX, AZ 85048
PHONE: (480) 213-8524

PROJECT: NEW BUILD
SITE NO.: AZL01398
SITE NAME: APS ARICA
SUBSTATION
FA CODE: 14615725
USID: 217569

5061 N. LA PALMA RD.
ELOY, AZ 85131
PINAL COUNTY

				
				
				
				
				
	12/11/18	REVISED LEASE AREA	BLN	SAM
	10/08/18	ISSUED FOR REVIEW	BLN	SAM

-PROFESSIONAL SEAL



-SDN

SHEET TITLE

SITE SURVEY OVERALL

—SHEET NUMBER

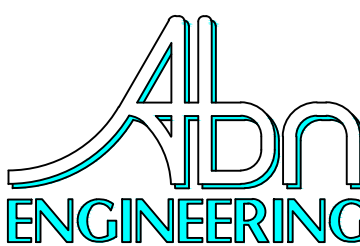
SS-1

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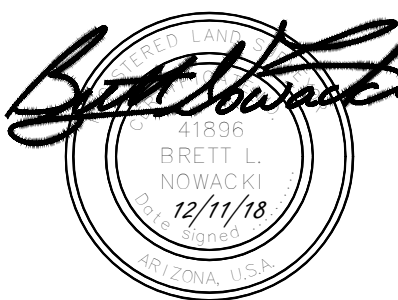
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	12/11/18	REVISED LEASE AREA	BLN	SAM
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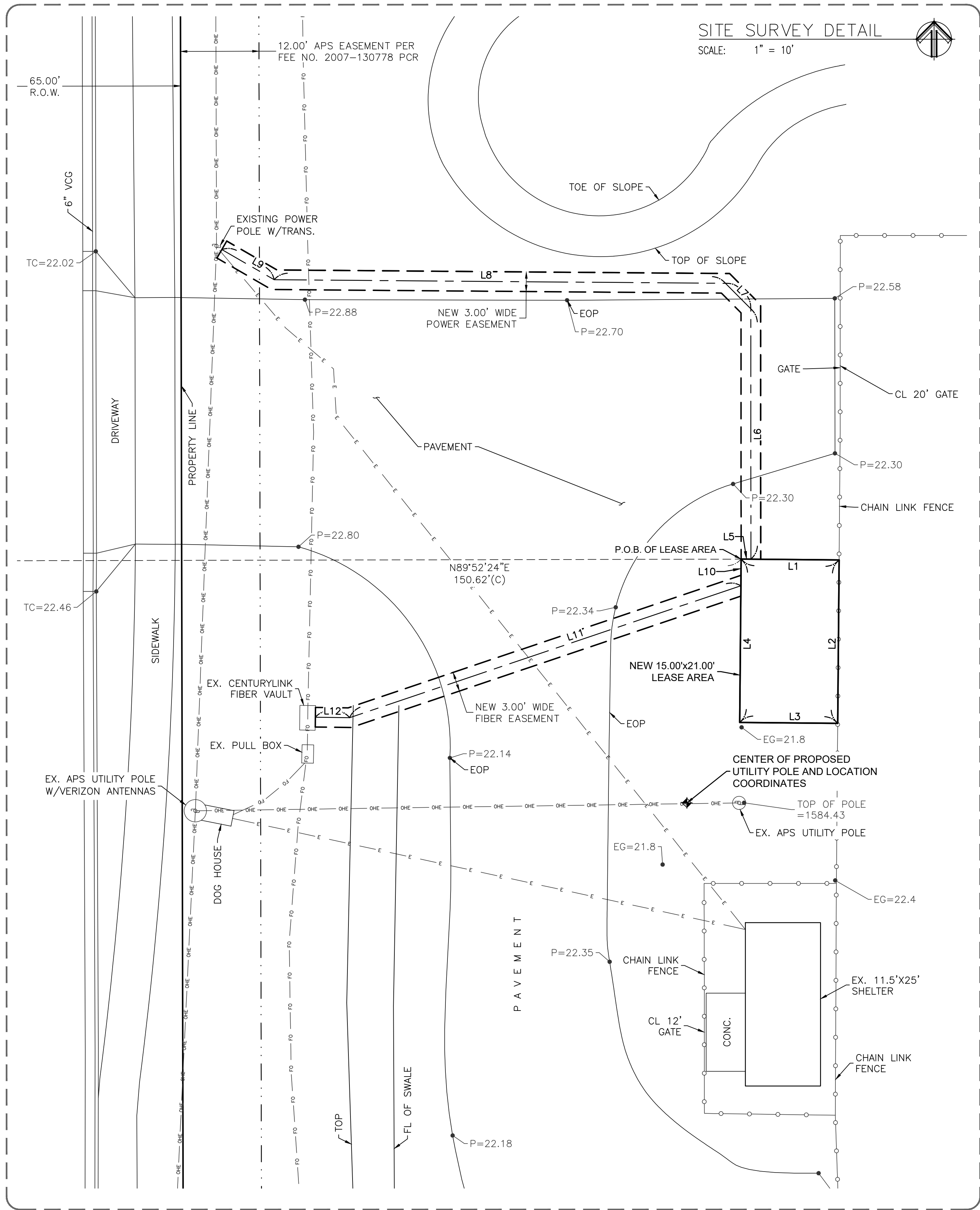
-SDN-

SHEET TITLE

SITE SURVEY DETAIL

—SHEET NUMBER

SS-2



CENTER OF PROPOSED UTILITY POLE
LATITUDE 32° 48' 27.5186" NORTH (NAD83)
LONGITUDE 111° 31' 55.7019" WEST
GROUND ELEVATION 1521.8' (NAVD88)

LINE TABLE		
LINE#	LENGTH	DIRECTION
L1	15.00'	S89°30'58"E
L2	25.00'	S00°29'02"W
L3	15.00'	N89°30'58"W
L4	25.00'	N00°29'02"E
L5	1.50'	S89°30'58"E
L6	38.31'	N00°01'36"W
L7	5.49'	N44°46'23"W
L8	69.07'	N89°32'42"W
L9	9.25'	N60°04'22"W
L10	4.07'	S00°29'02"W
L11	63.18'	S71°21'57"W
L12	5.25'	N89°11'03"W

LEASE AREA LEGAL DESCRIPTION

THAT PORTION OF SECTION 16, TOWNSHIP 7 SOUTH, RANGE 8 EAST OF THE
GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY BEING MORE
PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 16;
THENCE NORTH 00 DEGREES 07 MINUTES 36 SECONDS WEST, (BASIS OF
BEARINGS) ALONG THE WEST LINE OF SAID SECTION 16, A DISTANCE OF
318.81 FEET;
THENCE NORTH 89 DEGREES 52 MINUTES 24 SECONDS EAST, A DISTANCE
OF 150.62 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 89° 30' 58" EAST, A DISTANCE OF 15.00 FEET;
THENCE SOUTH 00° 29' 02" WEST, A DISTANCE OF 25.00 FEET;
THENCE NORTH 89° 30' 58" WEST, A DISTANCE OF 15.00 FEET;
THENCE NORTH 00° 29' 02" EAST, A DISTANCE OF 25.00 FEET TO THE
POINT OF BEGINNING.

NEW POWER EASEMENT LEGAL DESCRIPTION

THAT PORTION OF SECTION 16, TOWNSHIP 7 SOUTH, RANGE 8 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 16;
THENCE NORTH 00 DEGREES 07 MINUTES 36 SECONDS WEST, (BASIS OF
BEARINGS) ALONG THE WEST LINE OF SAID SECTION 16, A DISTANCE OF
318.81 FEET;
THENCE NORTH 89 DEGREES 52 MINUTES 24 SECONDS EAST, A DISTANCE
OF 150.62 FEET;
THENCE SOUTH 89° 30' 58" EAST, A DISTANCE OF 1.50 FEET TO THE POINT
OF BEGINNING OF THE CENTERLINE OF A 3.00 FOOT WIDE POWER EASEMENT,
LYING 1.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

THENCE NORTH 00° 01' 36" WEST, A DISTANCE OF 38.31 FEET;
THENCE NORTH 44° 46' 23" WEST, A DISTANCE OF 5.49 FEET;
THENCE NORTH 89° 32' 42" WEST, A DISTANCE OF 69.07 FEET;
THENCE NORTH 60° 04' 22" WEST, A DISTANCE OF 9.25 FEET TO THE POINT
OF TERMINATION.

NEW FIBER EASEMENT LEGAL DESCRIPTION

THAT PORTION OF SECTION 16, TOWNSHIP 7 SOUTH, RANGE 8 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 16;
THENCE NORTH 00 DEGREES 07 MINUTES 36 SECONDS WEST, (BASIS OF
BEARINGS) ALONG THE WEST LINE OF SAID SECTION 16, A DISTANCE OF
318.81 FEET;
THENCE NORTH .89 DEGREES 52 MINUTES 24 SECONDS EAST, A DISTANCE
OF 150.67 FEET;
THENCE SOUTH 00° 29' 02" WEST, A DISTANCE OF 4.07 FEET TO THE
BEGINNING OF A 3.00 FOOT WIDE FIBER EASEMENT LYING 1.50 FEET ON
EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE;

THENCE SOUTH 71° 21' 57" WEST, A DISTANCE OF 69.07 FEET;
THENCE NORTH 89° 11' 03" WEST, A DISTANCE OF 5.25 FEET TO THE POINT
OF TERMINATION.

SURVEY PREPARED BY:



JOB NO.: 18085

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- OVERALL SITE PLAN KEY NOTES: (#)
1. (E) CONCRETE CURB
 2. (E) CONCRETE SIDEWALK
 3. (E) 12' WIDE APS EASEMENT
 4. (E) 33' COUNTY ROW EASEMENT
 5. (E) OVER HEAD POWER LINES
 6. (E) EDGE OF PAVED DRIVEWAY
 7. (E) RETENTION BASIN
 8. (E) APS CHAIN LINK FENCED COMPOUND
 9. (E) U.G. FIBER LINE PER BLUE STAKE MARKING

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

PROPERTY LINE
BLUE STAKE OVERHEAD

FO - FIBER OPTIC



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PHOENIX, AZ 85034
PHONE: (623) 282-3084



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

PROJECT: NEW BUILD
SITE NO.: AZL01398
SITE NAME: APS ARICA SUBSTATION
FA CODE: 14615725
USID: 217569

5061 N. LA PALMA RD.
ELOY, AZ 85131
PINAL COUNTY

△				
△				
△				
△	0	01/14/19	ISSUED FOR APPROVAL	JN SAM
△	C	12/7/18	REVISED PER APS COMMENTS	JN SAM
△	B	10/12/18	95% ZD	JN SAM
△	A	10/03/18	90% ZD	JN SAM

PROFESSIONAL SEAL

SDN

SHEET TITLE

OVERALL SITE PLAN

SHEET NUMBER

A-1

SIGNS

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

LIGHTING

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

COMPLIANCE

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

NOTES

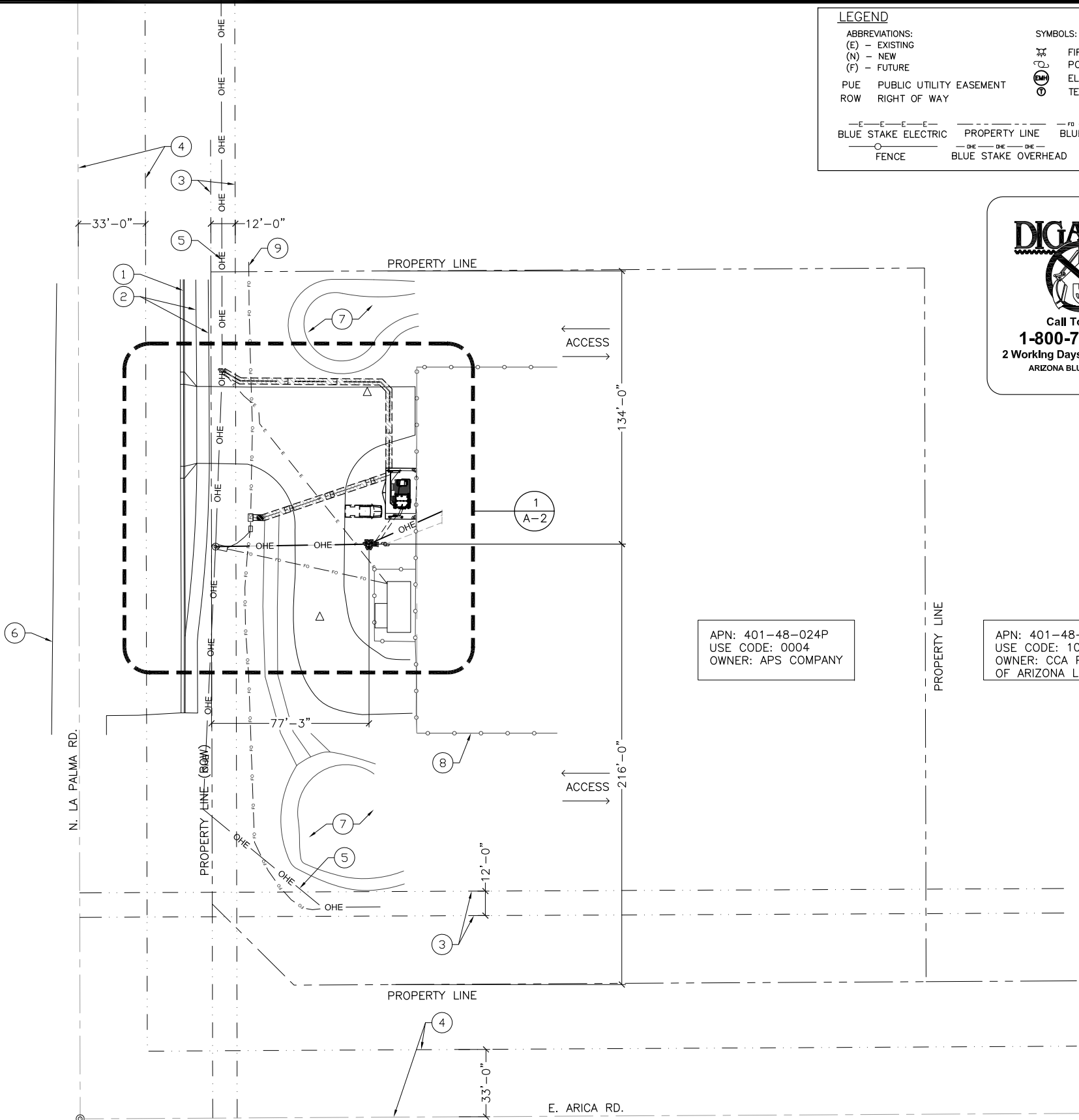
1. SITE PLAN RENDERING DERIVED FROM DETAILS PROVIDED FROM ASSESSORS MAP & SITE AUDIT.
2. REFER TO AT&T SPECIFICATIONS FOR ADDITIONAL CARRIER INFORMATION/DETAILS.
3. G.C. TO VERIFY EXISTING FIELD CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION
4. G.C. TO BRING ALL EXISTING AND NEW EQUIPMENT INTO COMPLIANCE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

GENERAL SITE NOTES

N.T.S.

2

OVERALL SITE PLAN



1. (E) CONCRETE CURB
2. (E) CONCRETE SIDEWALK
3. (E) 12' WIDE APS EASEMENT
4. (E) EDGE OF PAVED DRIVEWAY
5. (E) RETENTION BASIN
6. (E) APS CHAIN LINK FENCED COMPOUND
7. (E) OVERHEAD POWER LINES
8. (E) APS UTILITY POLE WITH VERIZON WIRELESS ANTENNAS.
TOP OF VERIZON WIRELESS ANTENNAS APPROX. 76.7'
A.G.L., RAD CENTERLINE OF VERIZON WIRELESS ANTENNAS
IS $\pm 72.7'$ A.G.L.
9. (E) VERIZON WIRELESS DOG HOUSE
10. (E) VERIZON WIRELESS CHAIN LINK FENCED COMPOUND
11. (E) VERIZON WIRELESS EQUIPMENT SHELTER
12. (E) OVERHEAD POWER & FIBER LINES TO BE RELOCATED
BY APS
13. (E) FIBER VAULT
14. (E) CENTURY LINK FIBER VAULT
15. (E) APS UTILITY POLE WITH TRANSFORMER. (N) AT&T
POWER SOURCE
16. (N) 3' WIDE POWER EASEMENT
17. (N) U.G. CONDUIT FOR POWER RUN FROM (E)
TRANSFORMER TO (N) METER APPROX. 100'
18. (N) U.G. CONDUIT FOR POWER RUN FROM (E) CENTURY
LINK FIBER VAULT TO (N) AT&T FIBER VAULT
19. (N) AT&T FIBER VAULT
20. (N) 3' WIDE FIBER EASEMENT
21. (N) U.G. CONDUIT FOR FIBER RUN FROM (N) FIBER VAULT
TO FIBER J-BOX APPROX. 70'
22. APPROXIMATELY LOCATION OF RELOCATED APS OVERHEAD
POWER & FIBER LINES
23. (E) U.G. FIBER LINE PER BLUE STAKE MARKING
24. (E) U.G. ELECTRIC LINE PER BLUE STAKE MARKING

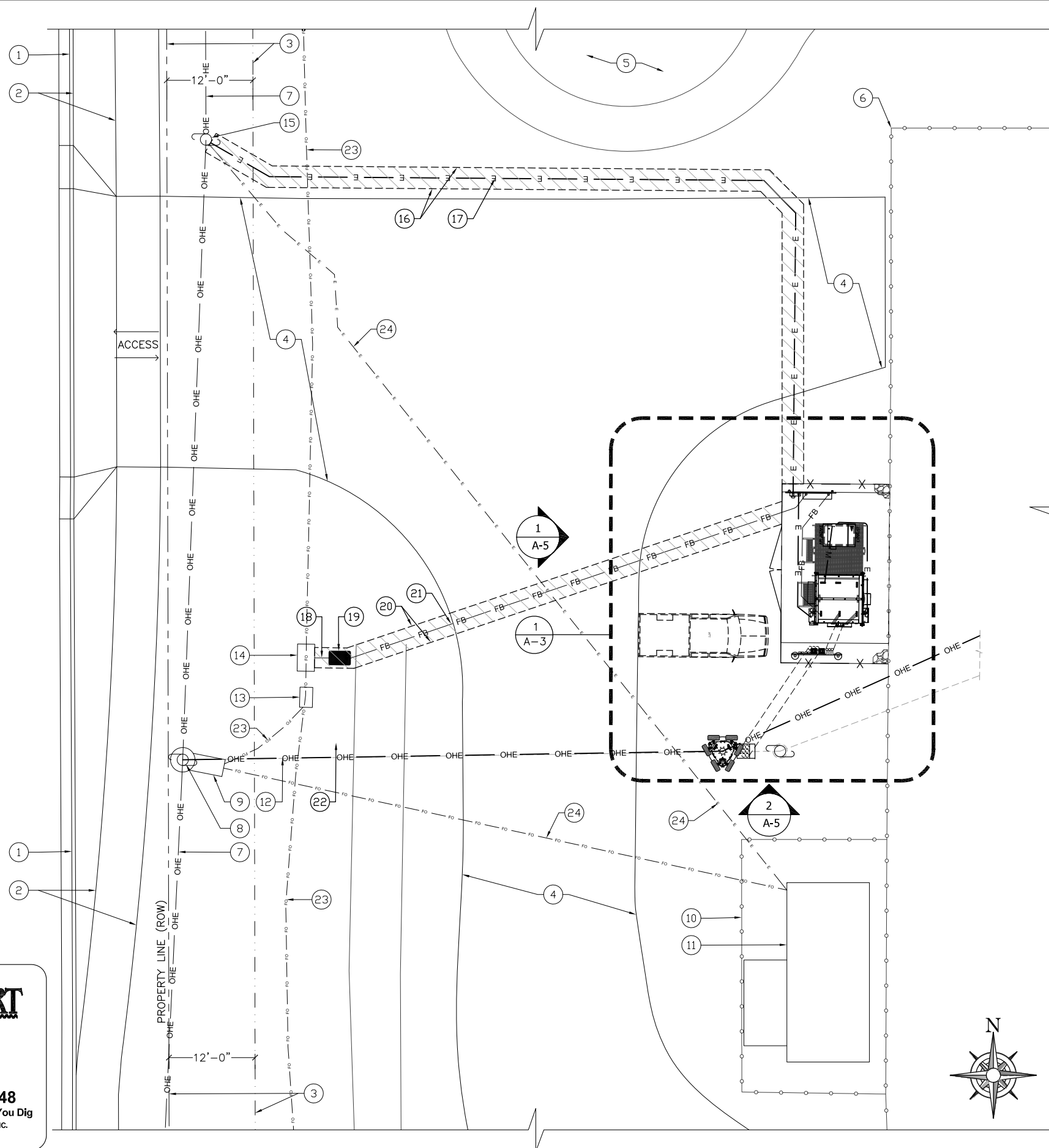
ABBREVIATIONS:		SYMBOLS:	
(E) -	EXISTING		FIRE HYDRANT
(N) -	NEW		POWER POLE
(F) -	FUTURE		ELECTRIC MANHOLE
A.G.L. -	ABOVE GROUND LEVEL		TELCO MANHOLE
PUE	PUBLIC UTILITY EASEMENT		
ROW	RIGHT OF WAY		
BLUE STAKE ELECTRIC		PROPERTY LINE	
FENCE		BLUE STAKE FIBER	
BLUE STAKE OVERHEAD		BLUE STAKE OVERHEAD	

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

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

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

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



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ELOY, AZ 85131
PINAL COUNTY

				
				
				
	01/14/19	ISSUED FOR APPROVAL	JN	SA
	12/7/18	REVISED PER APS COMMENTS	JN	SA
	10/12/18	95% ZD	JN	SA
	10/03/18	90% ZD	JN	SA

PROFESSIONAL SEAL

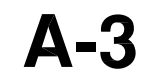
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SHEET TITLE

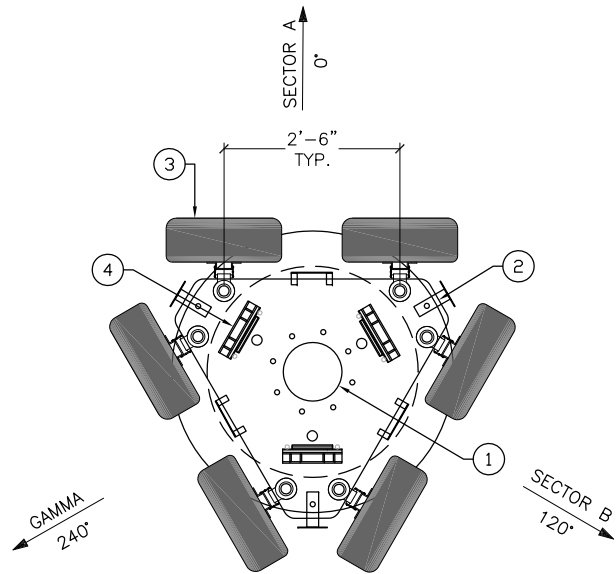
SITE PLAN

SHEET NUMBER

A-2



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- ANTENNA LAYOUT KEY NOTES: #
- (N) 63'-6" TALL NEW UTILITY POLE WITH 40" EXTENSION. DESIGNED AND SUPPLIED BY APS
 - (N) ANTENNA PLATFORM. DESIGNED AND SUPPLIED BY APS
 - (N) AT&T ANTENNAS, (2) PER SECTOR, TYP. OF (6) ANTENNAS
 - (N) TMA (STACKED), (2) PER SECTOR, TYP. OF (6) TMAs



ENLARGED ANTENNA LAYOUT

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

NEW ANTENNA CONFIGURATION TABLE

	POSITION (# OR N/A)	1	2	3	4
SECTOR A	ANTENNA		(N) ACE XXQLH-654L8H8-IVT 109.4lbs (96.0"x19.7"x7.5")	(N) ACE XXQLH-654L8H8-IVT 109.4lbs (96.0"x19.7"x7.5")	
	FEEDER LENGTH		±110FT 7/8 COAXIAL CABLE	±110FT 7/8 COAXIAL CABLE	
	AZIMUTH		0°	0°	
	RAD CENTER		71'-6"	71'-6"	
	TECHNOLOGY		LTE (850, 1900, AWS & 700)	LTE (850, 1900, AWS & 700)	
	TMA		TMABPDB7823VG12A	TMABPDB7823VG12A	
	DIPLEXER		TOP-697136-x-T2	TOP-697136-x-T2	
SECTOR B	RRH		B12/B14 Airscale Dual-band RRH4T4R 320W (AHLBA), AirScale Dual RRH 4T4R B25/66 320W AHFIB & AHCA B5 Airscale RRH 4T4R B5 160W AHCA	B12/B14 Airscale Dual-band RRH4T4R 320W (AHLBA), AirScale Dual RRH 4T4R B25/66 320W AHFIB & AHCA B5 Airscale RRH 4T4R B5 160W AHCA	
	ANTENNA		(N) ACE XXQLH-654L8H8-IVT 109.4lbs (96.0"x19.7"x7.5")	(N) ACE XXQLH-654L8H8-IVT 109.4lbs (96.0"x19.7"x7.5")	
	FEEDER LENGTH		±110FT 7/8 COAXIAL CABLE	±110FT 7/8 COAXIAL CABLE	
	AZIMUTH		120°	120°	
	RAD CENTER		71'-6"	71'-6"	
	TECHNOLOGY		LTE (850, 1900, AWS & 700)	LTE (850, 1900, AWS & 700)	
	TMA		TMABPDB7823VG12A	TMABPDB7823VG12A	
SECTOR C	DIPLEXER		TOP-697136-x-T2	TOP-697136-x-T2	
	RRH		B12/B14 Airscale Dual-band RRH4T4R 320W (AHLBA), AirScale Dual RRH 4T4R B25/66 320W AHFIB & AHCA B5 Airscale RRH 4T4R B5 160W AHCA	B12/B14 Airscale Dual-band RRH4T4R 320W (AHLBA), AirScale Dual RRH 4T4R B25/66 320W AHFIB & AHCA B5 Airscale RRH 4T4R B5 160W AHCA	
	ANTENNA		(N) ACE XXQLH-654L8H8-IVT 109.4lbs (96.0"x19.7"x7.5")	(N) ACE XXQLH-654L8H8-IVT 109.4lbs (96.0"x19.7"x7.5")	
	FEEDER LENGTH		±110FT 7/8 COAXIAL CABLE	±110FT 7/8 COAXIAL CABLE	
	AZIMUTH		240°	240°	
	RAD CENTER		71'-6"	71'-6"	
	TECHNOLOGY		LTE (850, 1900, AWS & 700)	LTE (850, 1900, AWS & 700)	
	TMA		TMABPDB7823VG12A	TMABPDB7823VG12A	
	DIPLEXER		TOP-697136-x-T2	TOP-697136-x-T2	
	RRH		B12/B14 Airscale Dual-band RRH4T4R 320W (AHLBA), AirScale Dual RRH 4T4R B25/66 320W AHFIB & AHCA B5 Airscale RRH 4T4R B5 160W AHCA	B12/B14 Airscale Dual-band RRH4T4R 320W (AHLBA), AirScale Dual RRH 4T4R B25/66 320W AHFIB & AHCA B5 Airscale RRH 4T4R B5 160W AHCA	
	ANTENNA		(N) ACE XXQLH-654L8H8-IVT 109.4lbs (96.0"x19.7"x7.5")	(N) ACE XXQLH-654L8H8-IVT 109.4lbs (96.0"x19.7"x7.5")	
	FEEDER LENGTH		±110FT 7/8 COAXIAL CABLE	±110FT 7/8 COAXIAL CABLE	
	AZIMUTH		240°	240°	
	RAD CENTER		71'-6"	71'-6"	

N.T.S.

2

NOT USED

N.T.S.

1



1355 W. UNIVERSITY DRIVE
MESA, AZ 85201-5419

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PHOENIX, AZ 85034
PHONE: (623) 282-3084



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

PROJECT: NEW BUILD
SITE NO.: AZL01398
SITE NAME: APS ARICA
SUBSTATION
FA CODE: 14615725
USID: 217569

5061 N. LA PALMA RD.
ELOY, AZ 85131
PINAL COUNTY

△				
△				
△				
△				
△	01/14/19	ISSUED FOR APPROVAL	JN	SAM
△	12/7/18	REVISED PER APS COMMENTS	JN	SAM
△	10/12/18	95% ZD	JN	SAM
△	10/03/18	90% ZD	JN	SAM

PROFESSIONAL SEAL

SDN

SHEET TITLE

ANTENNA LAYOUT

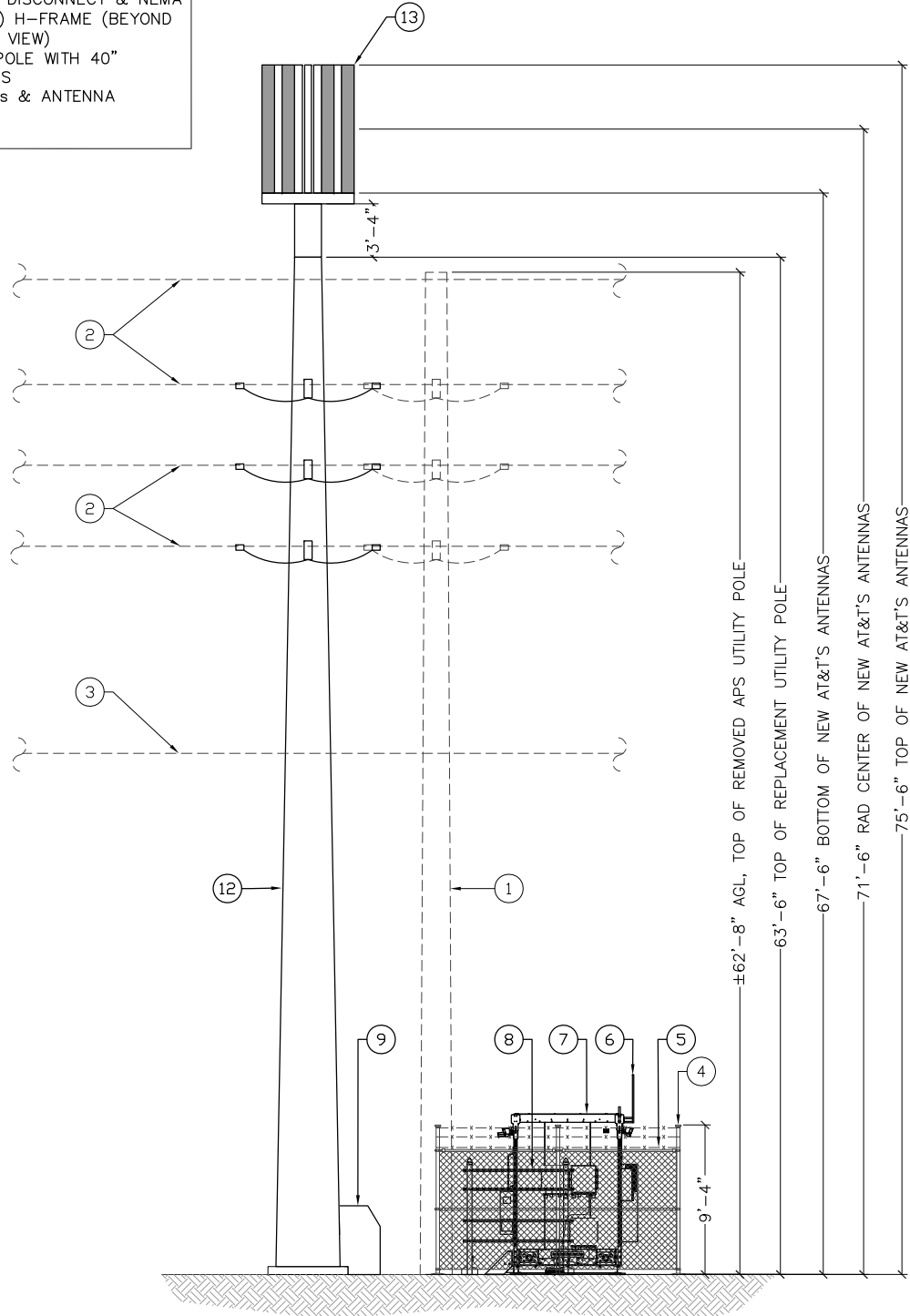
SHEET NUMBER

A-4

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

1. (E) ±62'-8" TALL APS UTILITY POLE TO BE REMOVED AND REPLACED BY APS
2. (E) ELECTRIC WIRES TO BE RELOCATED BY APS
3. (E) FIBER LINE TO BE RELOCATED BY APS
4. (E) CHAIN LINK FENCE TO REMAIN
5. (N) 9'-4" TALL CHAIN LINK WITH BARDED WIRES ON TOP
6. (N) GPS ANTENNA MOUNTED ON (N) SHELTER
7. (N) CABINET (W/C) SUPPORTED BY GRAVITY PLATFORM. FABRICATION DRAWINGS TO BE PROVIDED BY MANUFACTURER
8. (N) DIPLEXERS AND RRHs MOUNTED ON (N) H-FRAME (BEYOND)
9. (N) DOG HOUSE
10. (N) DC BACK-UP GENERATOR (BEYOND AND NOT VISIBLE ON THIS VIEW)
11. (N) 200A SERVICE METER, DISCONNECT & NEMA 4 J-BOX MOUNTED ON (N) H-FRAME (BEYOND AND NOT VISIBLE ON THIS VIEW)
12. (N) 63'-6" TALL UTILITY POLE WITH 40" EXTENSION ON TOP BY APS
13. (N) AT&T ANTENNAS, TMAs & ANTENNA PLATFORM



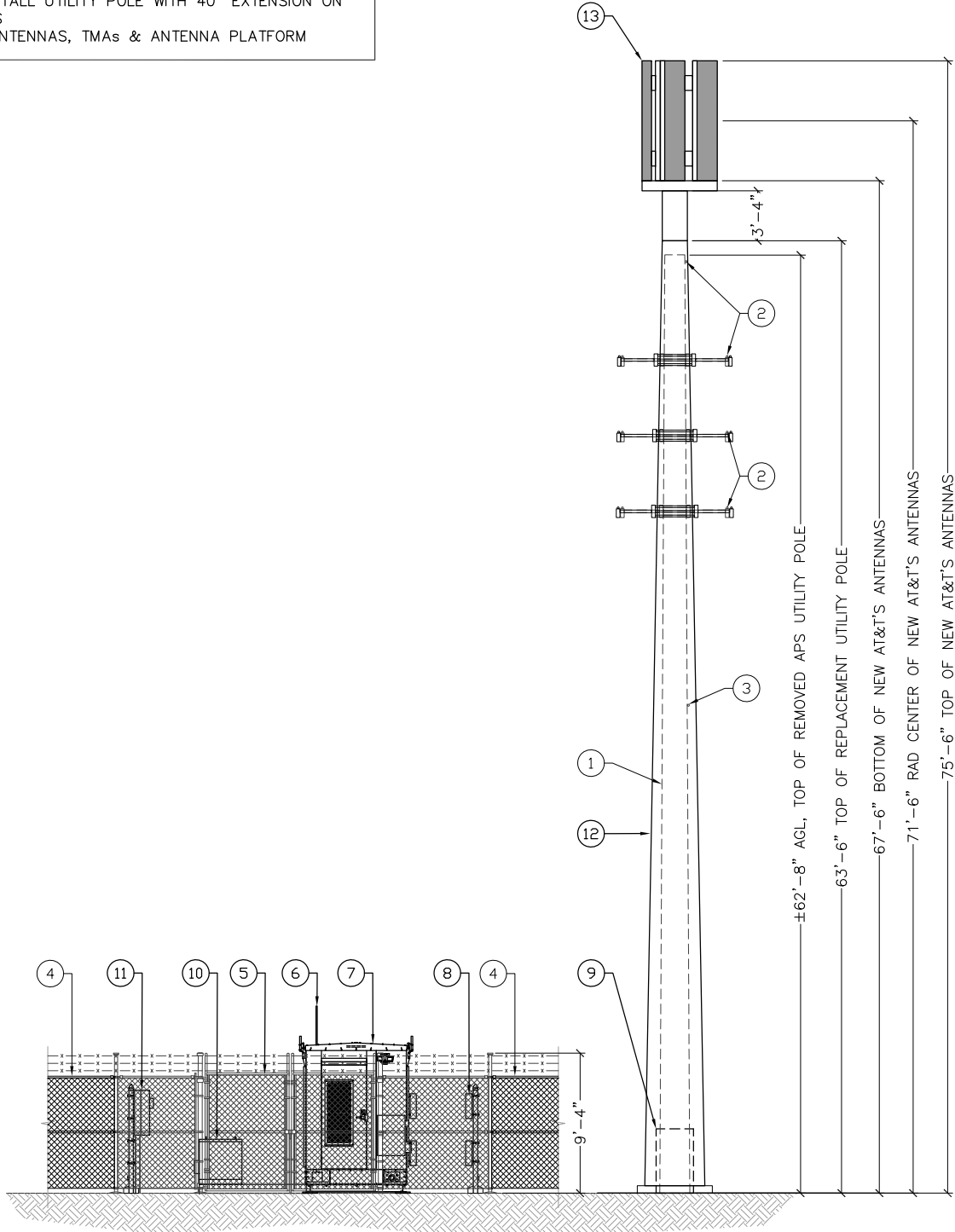
NEW SOUTH ELEVATION

SCALE: 3/16" = 1'-0"

2

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

1. (E) ±62'-8" TALL APS UTILITY POLE TO BE REMOVED AND REPLACED BY APS
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12. (N) 63'-6" TALL UTILITY POLE WITH 40" EXTENSION ON TOP BY APS
13. (N) AT&T ANTENNAS, TMAs & ANTENNA PLATFORM



NEW WEST ELEVATION

SCALE: 3/16" = 1'-0"

1



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MESA, AZ 85201-5419

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PROFESSIONAL SEAL

SDN

SHEET TITLE

ELEVATIONS

SHEET NUMBER

A-5