Staff Summary Report

Tempe

Hearing Officer Hearing Date: December 15, 2009 Agenda Item Number: 3

SUBJECT: This is a public hearing for a request by A. T. & T. WIRELESS – X141-B (PL090200) located at 1019 East Broadway Road for one (1) use permit.

DOCUMENT NAME: 20091215dsng02 PLANNED DEVELOPMENT (0406)

COMMENTS: Request by ALLSTATE SELF STORAGE – A. T. & T. WIRELESS – X141-B (PL090200) (Melissa Parker/Bechtel Corporation, applicant; Levine Investments, property owner) located at 1019 East Broadway Road in the PCC-1, Planned Commercial Center Neighborhood District for:

ZUP09154 Use permit to allow a sixty foot (60') monopole (monopalm).

PREPARED BY: Nick Graves, Planning Intern (480-350-8690)

REVIEWED BY: Steve Abrahamson, Planning & Zoning Coordinator (480-350-8359) SEA

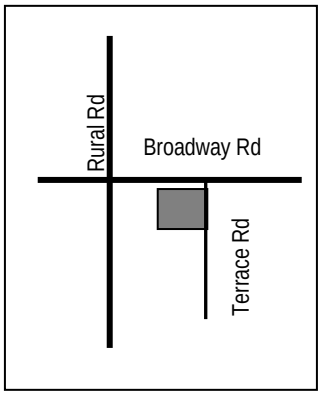
LEGAL REVIEW BY: N/A

DEPARTMENT REVIEW BY: N/A

FISCAL NOTE: N/A

RECOMMENDATION: Staff – Approval, subject to conditions

ADDITIONAL INFO: The applicant is requesting a use permit to allow a sixty foot (60') monopole (monopalm) to be located at 1019 East Broadway Road in the PCC-1, Planned Commercial Center Neighborhood District. The proposed monopalm will be located within the Allstate Storage Mini-Warehouse property on the east side toward the northern end. The site currently has one (1) existing monopalm west of the proposed monopalm site and several one-story buildings used for self storage. To date, staff has received no public input on this request.



PAGES:

1. List of Attachments
2. Comments
3. Reasons for Approval; Conditions of Approval; History & Facts/Description
4. Zoning & Development Code Reference

ATTACHMENTS:

1. Location Map
2. Aerial Photo
3-4. Letter of Intent
5. Title Sheet
6. Overall Site Plan
7. Detailed Site Plan
8. Tower Elevations & Details
9. Alternative Site Analysis
10-11. Photo Simulations
12. Applicant Photos – North & South
13. Applicant Photos – East & West
14. Staff Photograph

COMMENTS:

The applicant is requesting a use permit to allow a sixty foot (60') monopole (monopalm) to be located at 1019 East Broadway Road in the PCC-1, Planned Commercial Center Neighborhood District. The proposed monopalm will be located on the east side of the site towards the northern end. The site currently has one (1) existing fifty-five foot (55') monopalm west of the proposed monopalm site and several one-story buildings used for self storage.

The area around the Allstate Self Storage is populated by numerous palm trees that will add visual compatibility to the proposed monopalm. Since we have other palm trees in close proximity to the subject site, staff will not be conditioning a standard condition of adding two (2) palm trees to the site. The proposed monopalm will be located approximately 285 feet from the multi-family apartment complex to the east, about 264 feet from the closest single family residential home to the south. The properties to the north across Broadway Road and west of the proposed location of the monopalm are both commercial zoned properties.

The applicant's co-location survey indicates co-location is not feasible within the vicinity. The closest existing wireless site is located on this same property just west of the proposed site; which is an existing fifty-five foot (55') Verizon monopalm, not suitable for co-location. The survey also indicates that other commercial properties, within a one-half (½) mile area, were unwilling to establish a lease with AT&T.

To date, staff has received no public input on this request.

Use Permit

The Zoning and Development Code requires a use permit for a wireless telecommunications antenna in all allowable zoning districts including the CSS, Commercial Shopping and Services District. This use permit request meets all applicable tests in the following manner:

a. Any significant increase in vehicular or pedestrian traffic in adjacent areas;

- There will be no significant increase in vehicular or pedestrian traffic in adjacent areas.

b. Nuisance arising from the emission of odor, dust, gas, noise, vibration, smoke, heat, or glare at a level exceeding that of ambient conditions;

- As the proposal is for a wireless antenna; there should be no nuisances.

c. Contribution to the deterioration of the neighborhood or the downgrading of property values which, is in conflict with goals, objectives or policies for rehabilitation, redevelopment, or conservation as set forth in the city's adopted plans or General Plan.

- We have no evidences that support a downgrading of property values. The monopalm is a stealth design and has not caused deterioration to neighborhoods.

d. Compatibility with existing surrounding structures and uses;

- The proposed use appears to be compatible with surrounding the uses.

e. Adequate control of disruptive behavior both inside and outside the premises, which may create a nuisance to the surrounding area or general public.

- A wireless communication tower would not attract disruptive behaviors.

Conclusion

Staff recommends approval of the use permit, subject to the conditions of approval.

REASONS FOR APPROVAL:

1. No apparent nuisance resulting from noise, smoke, odor, dust, vibration, or glare.
2. No apparent hazards to persons or property from possible explosion, contamination, fire or flood.
3. Traffic generated by this use should not be excessive.
4. The use appears to be compatible with the building, site and adjacent property.
5. Approval of the use permit will not be materially detrimental to persons residing or working in the vicinity, to adjacent property, to the neighborhood or the public welfare in general.

SHOULD THE HEARING OFFICER ELECT TO TAKE AFFIRMATIVE ACTION ON THE REQUEST, THE FOLLOWING CONDITIONS OF APPROVAL SHOULD APPLY.

CONDITIONS OF APPROVAL:

1. Obtain all necessary clearances from the Building Safety Division.

2. The monopalm shall be no greater than 60'-0 (sixty feet) in height (to the top of the monopalm fronds) Antenna RAD Center at 53'-0" (fifty-three feet).

3. The monopalm shall be designed to resemble the existing monopalm located on site.

4. Any intensification or expansion of use, including co-location of additional antennas, will require a new use permit.

5. The wireless device shall be removed within 30 days of discontinuance of use.

HISTORY & FACTS:

April 7, 1997	Final Certificate of Occupancy issued for a mini warehouse facility.
December 19, 2006	PL060488 – The Hearing Officer approved the use permit request by Verizon Wireless to allow a 55' wireless antenna (monopalm).
June 10, 2009	SPR09031 – Preliminary site plan review for a wireless telecommunications facility – 65' monopalm.

DESCRIPTION:

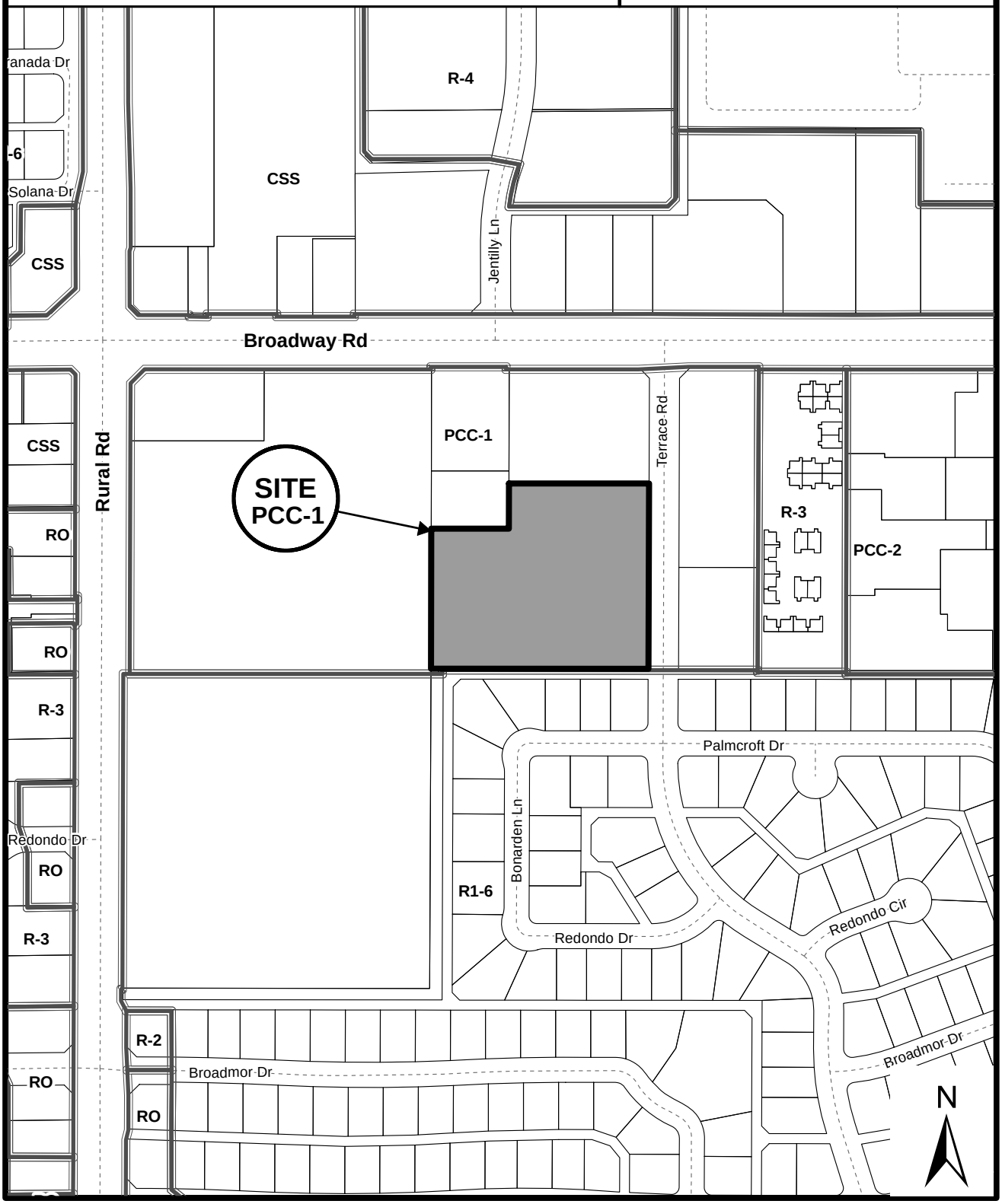
Owner – Levine Investments
Applicant – Melissa Parker/Bechtel Corporation
Existing Zoning – PCC-1, Planned Commercial Center Neighborhood District
Total Site Area – 146,499 s.f. / 3.363 acres
AT & T Lease Area – 300 s.f.
Proposed Height – 60'-0" top of fronds

ZONING AND
DEVELOPMENT
CODE REFERENCE: Part 3, Chapter 2, Section 3-202 – Permitted Uses in Commercial and Mixed-Use Districts
Part 3, Chapter 4, Section 3-421 – Wireless Telecommunications Facilities
Part 6, Chapter 3, Section 6-308 – Use Permit.

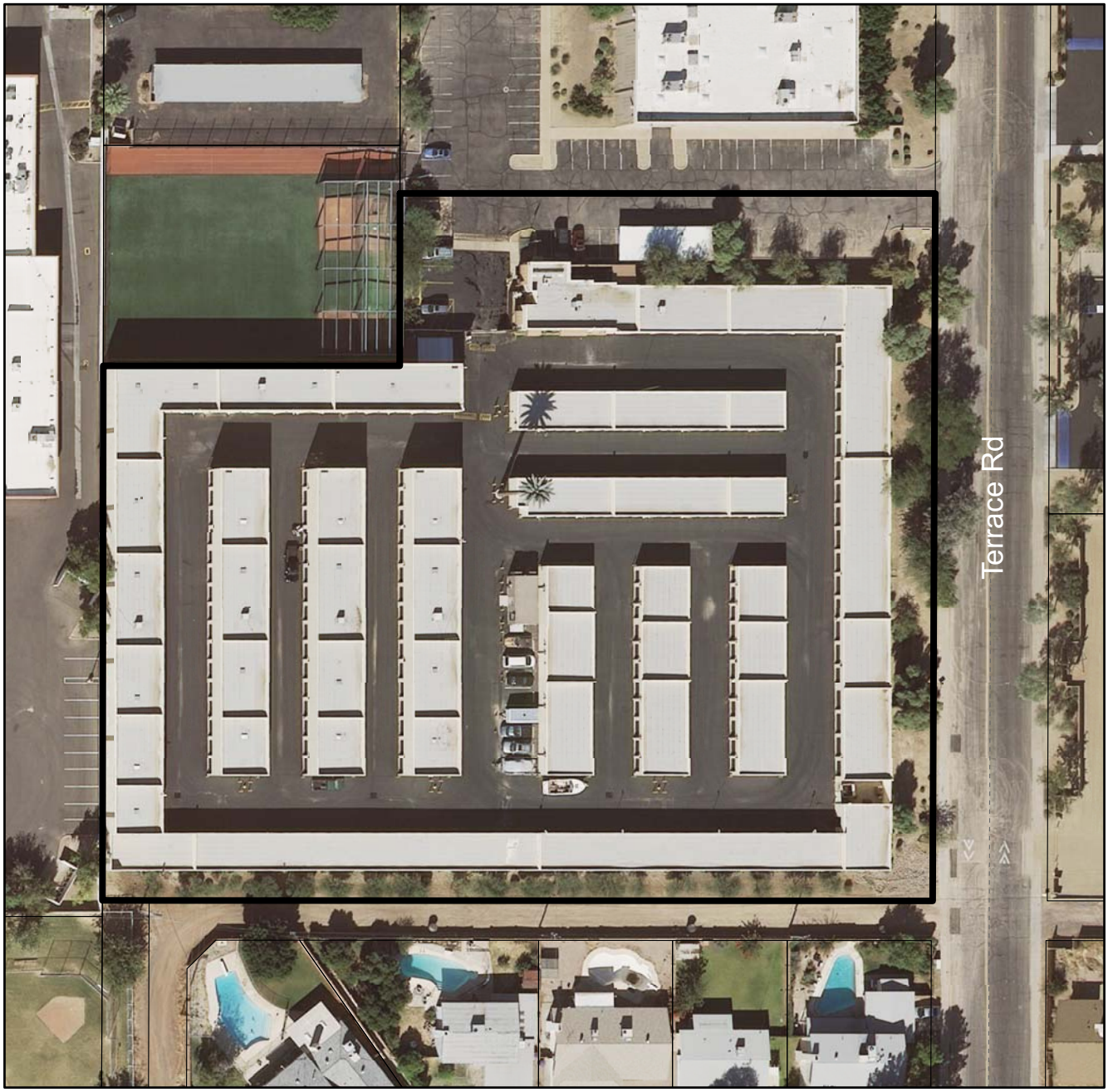
Tempe

ALLSTATE SELF STORAGE - A. T. & T. WIRELESS - X141-B

PL090200



Location Map



ALLSTATE SELF STORAGE - A. T. & T. WIRELESS - X141-B (PL090200)

NARRATIVE REPORT

CASE # SPR09031

REQUEST: Special Use Permit

PROPOSAL: Wireless Communications Facility

LOCATION: 1019 E. Broadway, Tempe AZ 85281

SIZE: 60 foot monopalm tree with appurtenant radio equipment located inside storage facility building.

APPLICANT: AT&T mobility, 20830 N. Tatum Blvd., Suite 400, Phoenix AZ 85050

CONTACT PERSON: Shannon Morrelli, Phone: 602-368-0201, Email: smorrel1@bechtel.com

PURPOSE OF REQUEST

This application is intended to provide wireless services, as required by AT&T mobility's FCC license. This ~~is~~ site is designed to satisfy the demand for AT&T service in the area. AT&T strives to serve its subscribers while working with each jurisdiction to meet the local site design needs and requirements as well as provide collocation opportunities when practical to reduce unnecessary new verticality.

DESCRIPTION OF PROPOSAL

AT&T mobility is proposing the installation and maintenance of a 60 foot monopalm tree and appurtenant equipment an existing storage facility located at 1019 E. Broadway Road in Tempe ("WCF"). The equipment will be located inside an existing storage unit at the north end of the facility. The monopalm will be placed adjacent to the unit at the opposite end of a building where Verizon Wireless currently operates a monopalm cell tower. The new WCF will be set back over 350 feet from Broadway and more than 260 feet from the nearest residential to the south.

CIRCULATION SYSTEM

After initial construction the site will be serviced by a single maintenance vehicle approximately one to two times per month. Ingress and egress would be from ~~the Apache~~ Broadway road through the existing driveway at the site. The proposed site will be unmanned, so there are no regular hours of operation or impact to existing traffic patterns. There is adequate parking on site to accommodate the single vehicle.

PUBLIC UTILITIES / EMMISSIONS

The site is served by a single meter 200 amp services and does not generate any noxious noise, odors, vibrations, wastewater or solid waste. The site is unmanned with no loading or unloading of supplies and the only noise generated will be the operation of standard cooling units.

SITE IN RELATION TO NEIGHBORHOOD AND GOALS AND OBJECTIVES OF THE CITY

Wireless telecommunication facilities have been found to be compatible in commercial corridors such as the proposed location of this project. The facility will provide enhanced business, personal and emergency communication services to ATT customers which is does not conflict with city goals or objectives. ATT has changed the location to the site from the originally proposed site to place it further from to the residential area and keep it away from the underground waterline path.

RELATIONSHIP TO SURROUNDING PROPERTIES/ COMPATABILITY

The subject parcel is zoned PCC-1 and is bordered by Pcc-1 zones to the north, west and East with R1-6 single family residential homes approximately 260 feet to the south of proposed project. The placement of the site on the property will keep it as far north on the property, toward the commercial corridor as possible on this lot. There is precedent for wireless service operation on this property as evidenced by the Verizon monopalm at the east end of the unit row being contemplated by ATT.

SITE WILL NOT CREATE DISRUPTIVE BEHAVIOR

As noted above, the site is unmanned and generates no noise or other emissions so will have little impact to the surrounding areas or general public. The proposed structure will be compatible in design style of the Verizon monopalm to further mitigate the introduction of this new element.

ADDITIONAL MATERIALS SUBMITTED WITH APPLICATION

- Collocation and alternative site analysis with map
- Photo simulation of site
- Propagation Maps of proposed site
- Coverage maps of existing ATT sites within City of Tempe

PROJECT INFORMATION

SCOPE OF WORK: UNMANNED TELECOMMUNICATIONS FACILITY
SITE ADDRESS: 1019 E. BROADWAY ROAD
TEMPE, AZ 85282

LATITUDE:
LONGITUDE: NEED NEW SURVEY
JURISDICTION: CITY OF TEMPE
EXISTING USE: STORAGE UNIT
NEW USE: UNMANNED TELECOMMUNICATIONS FACILITY

DRAWING INDEX

		REV
25471-PHNX-X141-01	TITLE SHEET	1
25471-PHNX-X141-02	STANDARD NOTES	1
25471-PHNX-X141-03	STANDARD NOTES	1
25471-PHNX-X141-LS1	TOPOGRAPHIC SURVEY	1
25471-PHNX-X141-04A	OVERALL SITE PLAN	1
25471-PHNX-X141-04B	DETAILED SITE PLAN	1
25471-PHNX-X141-04C	TOWER ELEVATIONS & DETAILS	1
25471-PHNX-X141-05	NEW METAL WALL DETAILED	1
25471-PHNX-X141-08	NEW & EXISTING CMU WALL DETAILS	1
25471-PHNX-X141-07	CABLE MARKING & ENTRY PORT DIAGRAM	1
25471-PHNX-X141-08	GROUNDING PLAN & DETAILS	1
25471-PHNX-X141-09	GROUNDING DETAILS	1
25471-PHNX-X141-10	66-BLOCK & GROUNDING DETAILS	1
25471-PHNX-X141-11	ELETRICAL DIAGRAM & A/C PANEL	1
25471-PHNX-X141-12	CONSTRUCTION DETAILS AND EQUIPMENT LAYOUT	1
25471-PHNX-X141-13	CEILING, CABLE TRAY, GPS & TMA MOUNTING DETAILS	1
25471-PHNX-X141-14	MECHANICAL DETAILS	1
25471-PHNX-X141-15	NOKIA & LUCENT WIRING DIAGRAM	1
25471-PHNX-X141-16	SIGN DETAILS & TYPICAL PLUMBING DIAGRAM	1

SIGN PACKAGE BASED ON RF DATA SHEET DATE STAMPED 10/21/2005

NOTES

1. THE FOLLOWING NOTES, SYMBOLS AND DETAILS FROM BECHTEL DOCUMENT NUMBER 24782-000-A3-EF-00001 APPLIES TO THE IMPLEMENTATION OF THIS SITE DESIGN PACKAGE. REFERENCE STANDARD NOTES SHEET.

GENERAL NOTES	DETAIL 623 - REV 1
CONSTRUCTION NOTES	DETAIL 101 - REV 2
GROUNDING NOTES	DETAIL 621 - REV 3
ELECTRICAL INSTALLATION NOTES	DETAIL 622 - REV 2
RF NOTES	DETAIL 118 - REV 6
CONCRETE AND REINFORCING STEEL NOTES:	DETAIL 102 - REV 4
SITE WORK GENERAL NOTES	DETAIL 619 - REV 2

A/E DOCUMENT REVIEW STATUS

1	ACCEPTED - WITH MINOR OR NO COMMENTS, CONSTRUCTION MAY PROCEED
2	NOT ACCEPTED - PLEASE RESOLVE COMMENTS AND RESUBMIT

ACCEPTANCE DOES NOT CONSTITUTE APPROVAL OF DESIGN DETAILS, CALCULATIONS, ANALYSIS, TEST METHODS OR MATERIALS DEVELOPED OR SELECTED BY SUBCONTRACTOR AND DOES NOT RELIEVE SUBCONTRACTOR FROM FULL COMPLIANCE WITH CONTRACTUAL OBLIGATION.

	ENG.	CONST.			
REVIEWED:					
BY:			DATE:		

REDLINE DRAWING REVIEW

NAME (PRINT) SIGNATURE DATE

GENERAL CONTRACTOR - CONFIRM ACCURACY OF THESE REDLINE DRAWINGS

NAME (PRINT) SIGNATURE DATE

D COORDINATOR - VERIFY INSTALLATION PER REDLINE DRAWINGS

(PRINT) SIGNATURE DATE

ENGINEERING - Market Engineer Shall Review Redline Drawings To Ensure Changes Do Not Alter The Original Design Intent And/Or Are Code Compliant

at&t

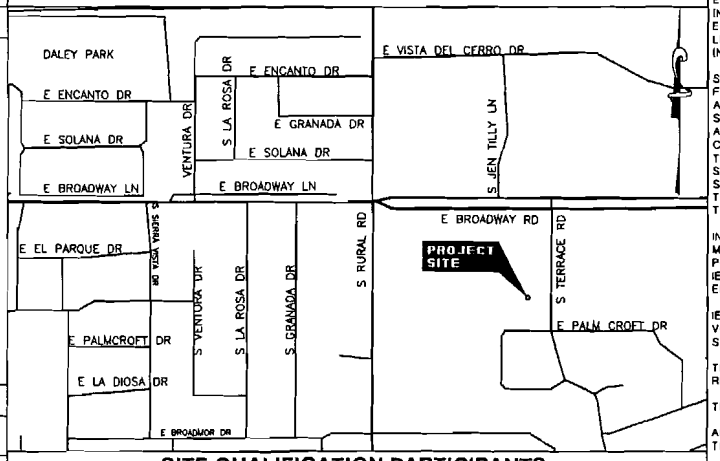
SITE NUMBER: X141-B
CANDIDATE NAME: ALLSTATE SELF STORAGE

APPROVALS

AT&T (RF): _____ DATE: _____
AT&T (CONST.): _____ DATE: _____
AT&T (OPS): _____ DATE: _____
LANDLORD: _____ DATE: _____
LANDLORD: _____ DATE: _____

VICINITY MAP

DIRECTIONS:
START AT 20830 N TATUM BLVD, PHOENIX. TAKE RAMP LEFT FOR SR-101 LOOP/PIMA FWY EAST. AT EXIT 53, TAKE RAMP RIGHT FOLLOW SIGHTS FOR S PRICE RD. TURN RIGHT ONTO E BROADWAY RD. TURN LEFT ONTO S JEN TILLY LN. ARRIVE AT 1019 E BROADWAY RD, TEMPE, AZ 85282.



SITE QUALIFICATION PARTICIPANTS

	NAME	COMPANY	NUMBER
A/E	SANDEEP MANE	TELESPAN NETWORK SERVICES	480-905-8689
SAC	SHANNON MORRELLI	BECHTEL COMMUNICATIONS	602-368-0201
RF	OZGUR CELIK	att MOBILITY	602-625-3782
LANDLORD	SONNY VEJAR	SAG APACHE LP	949-833-7503 Ext. 105

APPLICABLE BUILDING CODES AND STANDARDS

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

BUILDING CODE:
INTERNATIONAL BUILDING CODE 2006

ELECTRICAL CODE:
INATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 - 2005, NATIONAL ELECTRICAL CODE.
LIGHTNING PROTECTION CODE:
(NFPA 780 - 2000, LIGHTNING PROTECTION CODE)

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS.
AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION
TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES.
TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM
IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT

IEEE C62.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY "C3" AND "HIGH SYSTEM EXPOSURE")

TELCORDIA GR-1275, GENERAL INSTALLATION REQUIREMENTS

TELCORDIA GR-1503, COAXIAL CABLE CONNECTIONS

ANSI T1.311, FOR TELECOM - DC POWER SYSTEMS - TELECOM, ENVIRONMENTAL PROTECTION

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

DETAIL 103 -

ATTACHMENT 5

TeleSpan
2151 EAST BROADWAY ROAD, SUITE 217, TEMPE, AZ 85282
VOICE: 480.905.8689 FAX: 480.905.8818

ALLSTATE SELF STORAGE
X141-B
1019 E. BROADWAY ROAD
TEMPE, AZ 85282

at&t
AT&T MOBILITY
20830 N. TATUM BLVD. SUITE 400
PHOENIX, AZ 85050
PHONE: (480) 414-1829

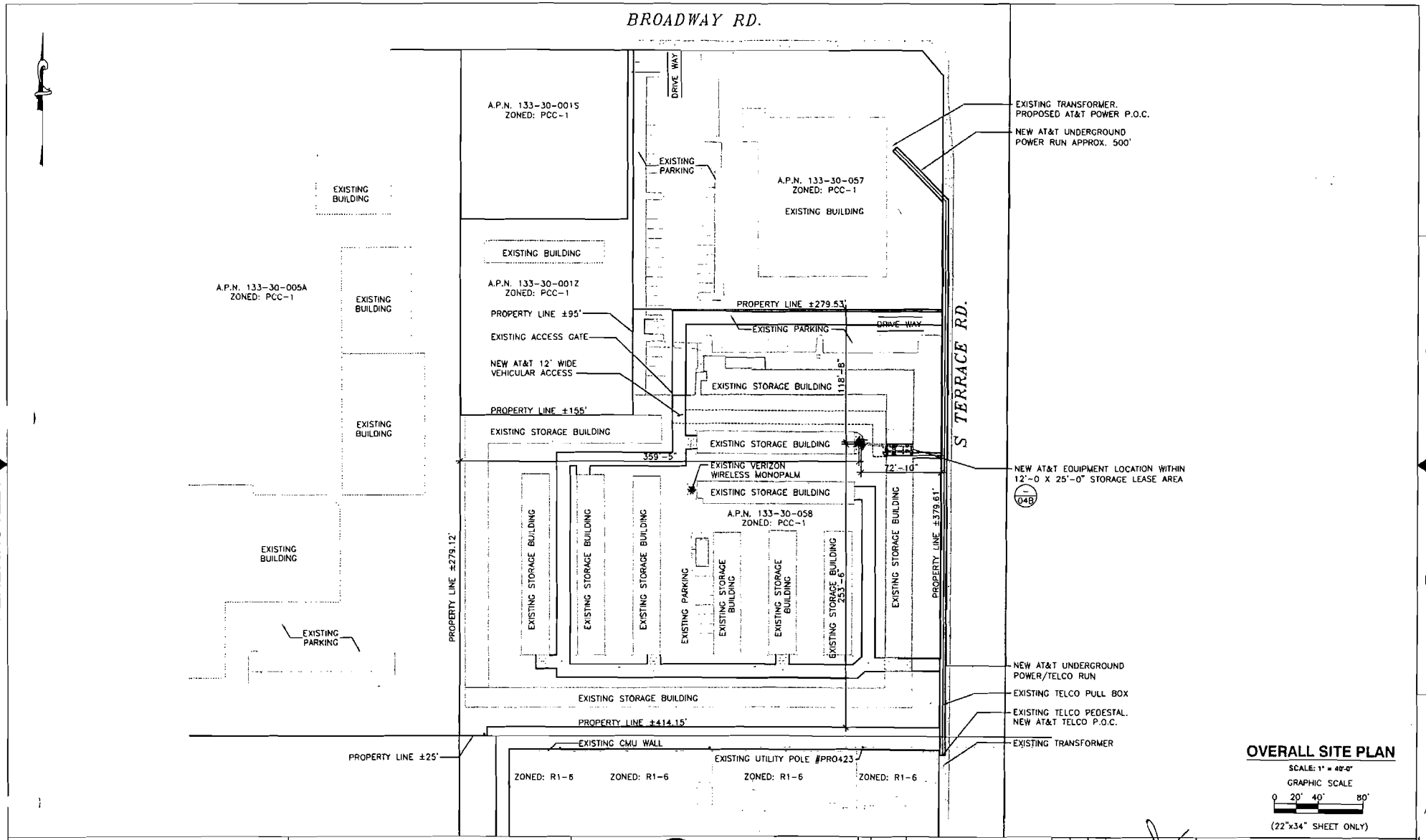
NO.	DATE	REVISIONS	BY	CHK	APP'D
1	11/06/09	LOCATION CHANGE	MA	JN	SAW
0	09/07/09	ISSUE FOR CONSTRUCTION	MA	JRS	SAW
A	08/14/09	ISSUE FOR REVIEW	JN	JRS	SAW

SCALE: AS SHOWN DESIGNED BY: JN DRAWN BY: MA

SANDEEP MANE 41849 ARIZONA U.S.A. EXPIRES 3/31/11

AT&T MOBILITY
TITLE SHEET
DRAWING NUMBER 25471-620 PHNX-X141-01 REV 1
22 x 34 "D" SIZE

6 5 4 3 2 1



TeleSpan
2151 EAST BROADWAY ROAD, SUITE 217, TEMPE, AZ 85282
VOICE: 480.905.8889 FAX: 480.905.6818

ALLSTATE SELF STORAGE
X141-B
1019 E. BROADWAY ROAD
TEMPE, AZ 85282

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PHOENIX AZ 85050
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A	08/14/09	ISSUE FOR REVIEW	JN	JRS	SAM

SCALE: AS SHOWN | DESIGNED BY: JN | DRAWN BY: MA

Michael Anthony Jones
Registered Professional Engineer
41949
CIVIL
ARIZONA U.S.A.
EXPIRES 3/31/11

AT&T MOBILITY

OVERALL SITE PLAN

DRAWING NUMBER		REV
25471-620	PHNX-X141-04A	1

22 x 34 D SIZE

6 5 4 3 2

ATTACHMENT 6

POWER & TELEPHONE GENERAL NOTES

1. SUBCONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY FOR FINAL AND EXACT WORK/MATERIALS REQUIREMENTS AND CONSTRUCT TO UTILITY COMPANY ENGINEERING PLANS AND SPECIFICATIONS ONLY.
2. SUBCONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT, PULL WIRES, CABLE PULLBOXES, CONCRETE ENCASEMENT OF CONDUIT (IF REQUIRED), TRANSFORMER PAD, BARRIERS, POLE RISERS, TRENCHING, BACKFILL, AND INCLUDE ANY UTILITY COMPANY REQUIREMENTS IN SCOPE OF WORK.
3. UTILITY CONTACTS

TELEPHONE COMPANY:		POWER COMPANY:	
COMPANY NAME:	QWEST	COMPANY NAME:	SRP
ADDRESS:	--	ADDRESS:	--
CITY, STATE, ZIP	--	CITY, STATE, ZIP	--
PHONE NUMBER:	--	PHONE NUMBER:	--
CONTACT:	-	CONTACT:	-

NOTICE

1. ELECTRICAL SUBCONTRACTOR SHALL CONTACT UTILITY COMPANIES 14 DAYS MINIMUM PRIOR TO ACTIVATION AND NOTIFY UTILITY COMPANY REPRESENTATIVE OF THE EXACT DATE OF ACTIVATION.
2. VERIFY ALL EXISTING UNDERGROUND UTILITIES BEFORE TRENCHING. THESE DRAWINGS HAVE NOT BEEN CONFIRMED WITH THE UTILITY COMPANIES DUE TO TIME CONSTRAINTS AND ARE INTENDED AS A GENERAL GUIDE ONLY.
3. ELECTRICAL SUBCONTRACTOR SHALL CONTACT TELE. CO. & POWER CO. VERIFY EXACT ROUTING/SIZES & CONDITIONS BEFORE TRENCHING.
4. INSTALL ALL CONDUITS & EQUIPMENT AS SPECIFIED BY POWER CO. & TELEPHONE CO.
5. FIELD VERIFY EXACT MEASUREMENT OF ALL NEW UTILITY FEEDERS PRIOR TO BID. DO NOT SCALE FROM THESE PLANS.
6. CONTACT UTILITY COMPANIES FOR UNDERGROUND CONDUIT INSPECTIONS PRIOR TO BACKFILLING TRENCH.
7. IS THE ELECTRICAL SUBCONTRACTORS RESPONSIBILTY TO COORDINATE WITH THE POWER AND TELEPHONE COMPANIES TO INSURE THAT SERVICE CONDUITS ARE TERMINATED AT THE CORRECT POWER POLE,PEDESTAL,ETC.

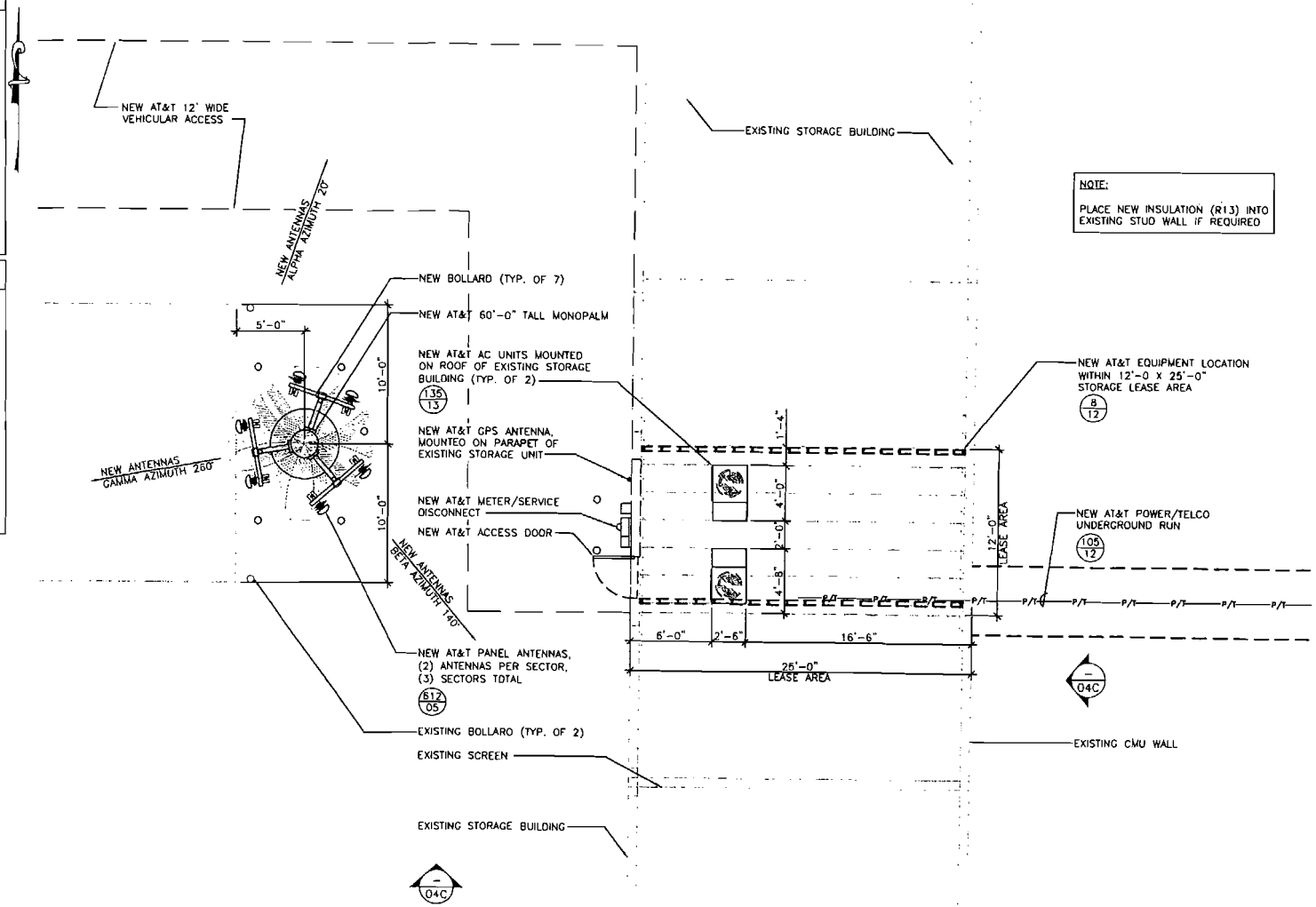
CALL TWO WORKING DAYS BEFORE YOU DIG
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

NOTE:
SCALE NOTED APPLIES TO 22"X34" SHEET SIZE. IF PRINT SIZE IS 11"X17", THEN ACTUAL SCALE IS ONE HALF OF SCALE NOTED. (EXAMPLE: 1/2" = 1'-0" BECOMES 1/4" = 1'-0" ON 11" X 17" SHEET SIZE). THIS NOTE APPLIES TO ALL DRAWING SHEETS.

LEGEND

- EXISTING EQUIPMENT
- NEW EQUIPMENT
- FUTURE EQUIPMENT
- EXIST. CABLE TRAY
- NEW CABLE TRAY
- CONDUCTORS AND RACEWAY TO BE FURNISHED & INSTALLED BY SUBCONTRACTOR

NOTE:
HAND DIG EXCAVATIONS NEAR EXISTING UTILITIES & WHERE INDICATED ON SITE PLAN



NOTE:
PLACE NEW INSULATION (R13) INTO EXISTING STUD WALL IF REQUIRED

DETAILED SITE PLAN

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

GRAPHIC SCALE
0 1' 5' 10'

TeleSpan
2151 EAST BROADWAY ROAD, SUITE 217, TEMPE, AZ 85282
VOICE 480.905.8609 FAX: 480.905.8818

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A	08/14/09	ISSUE FOR REVIEW	JN	JRS	SAM

SCALE: AS SHOWN DESIGNED BY: JN DRAWN BY: MA

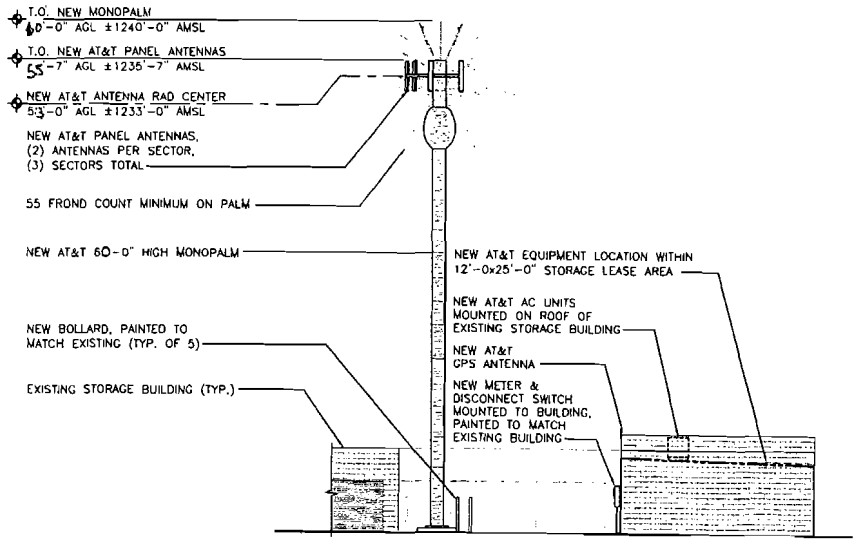
Registered Professional Engineer (Civil) CERTIFICATE NO. 41948 SANDEEP AMBEKAR MANE Date Signed 11/09/09 ARIZONA U.S.A. EXPIRES 3/31/11

AT&T MOBILITY
DETAILED SITE PLAN

DRAWING NUMBER	REV
25471-620	PHNX-X141-04B	1

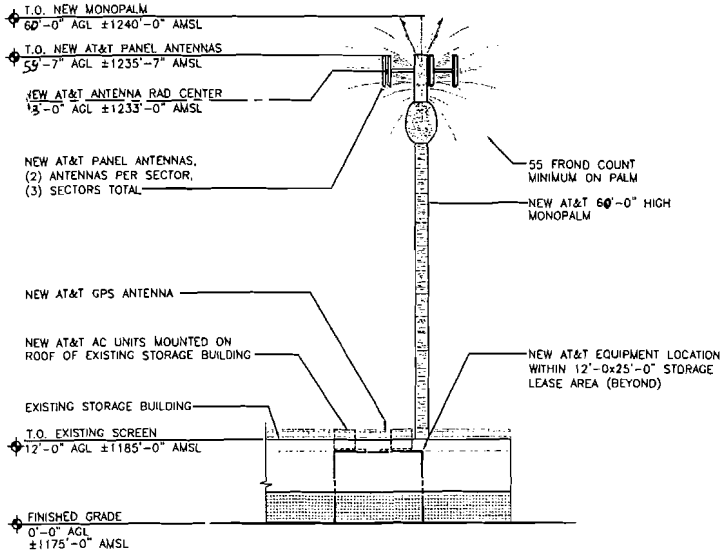
22 x 34 "D" SIZE

ATTACHMENT 7



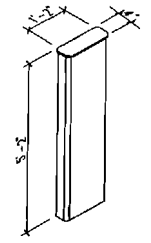
SOUTH ELEVATIONS

SCALE: 1/8" = 1'-0"



EAST ELEVATIONS

SCALE: 1/8" = 1'-0"

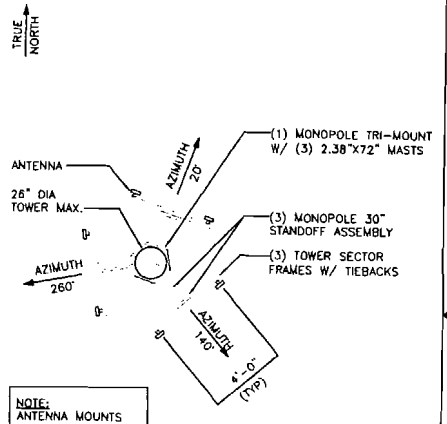


MANUFACTURER:
POWERWAVE

PART#: RA11.7760.00
LENGTH: 5'-2"
WIDTH: 1'-2"
DEPTH: 4"
WEIGHT: 43 LBS (W/ BRACKETS)

NOTE:
MOUNTING EQUIPMENT SUPPLIED W/ ANTENNA. INSTALL PER MANUFACTURER'S SPECIFICATIONS.

PANEL ANTENNA SCALE: NTS 1



NOTE:
ANTENNA MOUNTS SUPPLIED BY TOWER MANUFACTURER

PLAN VIEW

TWO TO THREE ANTENNA PER SECTOR WITH STANDOFF HORIZONTAL SEPARATION CONFIGURATION MONOPOLE MOUNTING

DETAIL 612
NTS

0 2' 4' 10'
1' 3' 5' 20'
(22"x34" SHEET ONLY)

ATTACHMENT 8

TeleSpan
2151 EAST BROADWAY ROAD, SUITE 217, TEMPE, AZ 85282
VOICE: 480.905.8689 FAX: 480.905.8818

ALLSTATE SELF STORAGE
X141-B
1019 E. BROADWAY ROAD
TEMPE, AZ 85282

at&t
AT&T MOBILITY
20830 N. TATUM BLVD SUITE 400
PHOENIX, AZ 85050
PHONE: (480) 414-1829

NO	DATE	REVISIONS	BY	CHK	APP'D
1	11/09/09	LOCATION CHANGE	MA	JN	SAM
0	09/07/09	ISSUE FOR CONSTRUCTION	MA	JRS	SAM
A	08/14/09	ISSUE FOR REVIEW	JN	JRS	SAM

SCALE: AS SHOWN | DESIGNED BY: JN | DRAWN BY: MA

AT&T MOBILITY
TOWER ELEVATIONS & DETAILS

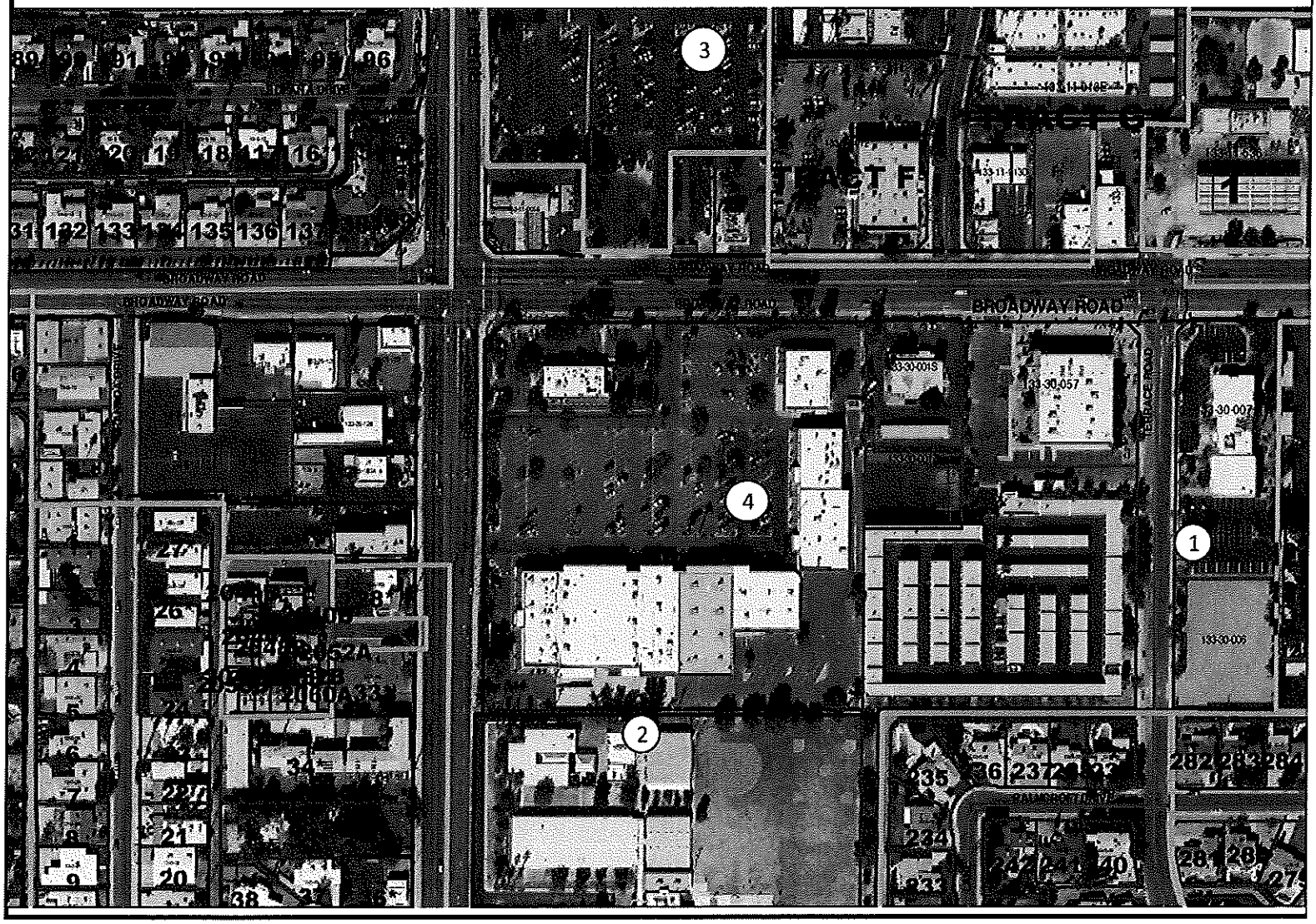
DRAWING NUMBER	REV
25471-620 PHNX-X141-04C	1

22 x 34 'D' SIZE

Alternative site analysis

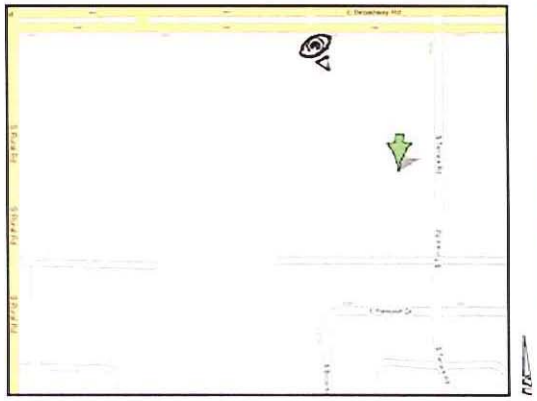
1. proposed site- also hosts Verizon cell site
2. Catholic church location- further west from proposed site. Not as optimal placement and did not fill coverage hole as well
3. Shoppping center- location reviewed, but siting difficult at south of property and siting to rear, north of property places WCF close t
4. Shopping center- location reviewed, but storage center more suitable due to existing verizon site. Keeps monopalms on a single pr

No other cell towers were identified at this intersection besides the verizon monopalm which cannot accommodate ATT antennas in th



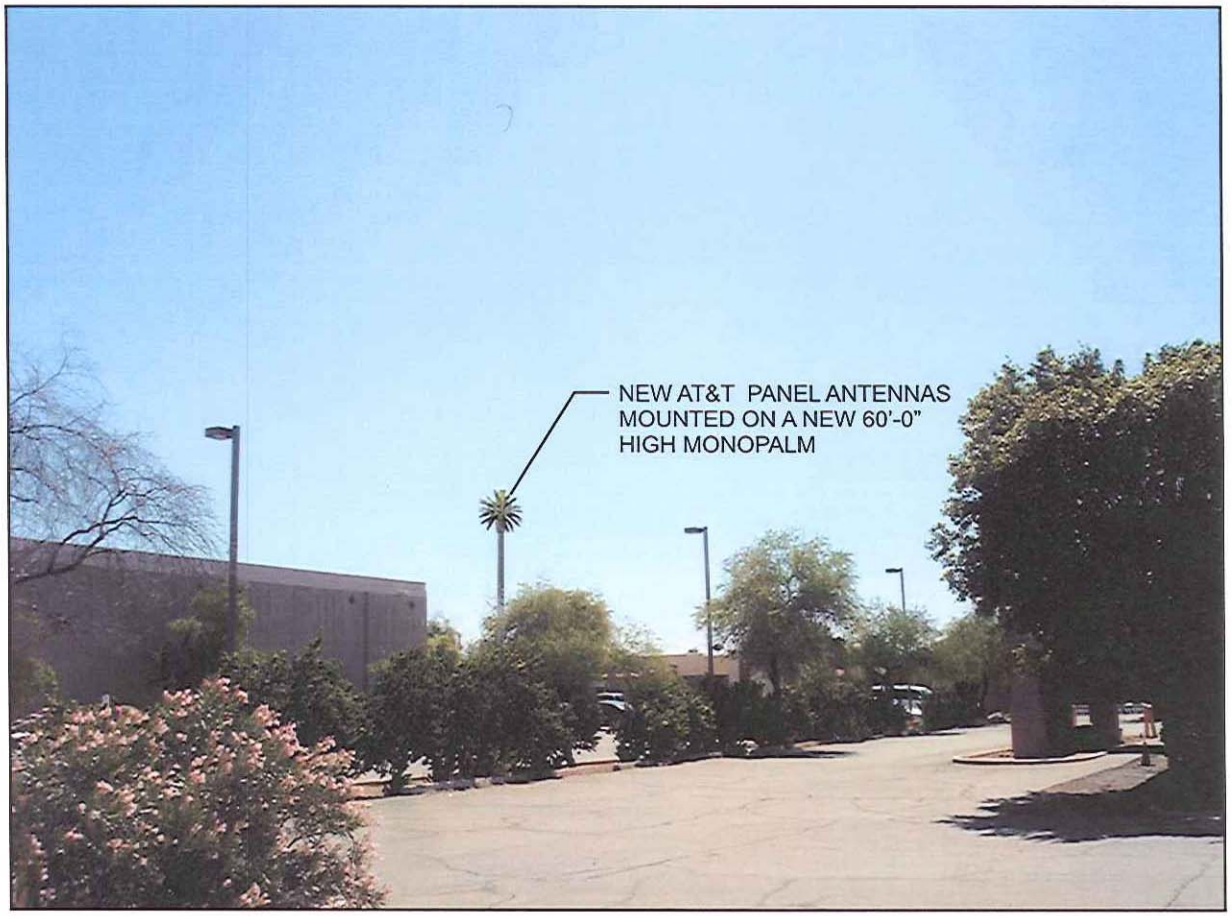
at&t

Communication Services Inc.
2151 E. Broadway Rd. Suite 217
Tempe, AZ 85282



Site Location

Before



After

LOOKING SOUTHEAST ON E.
BROADWAY RD.

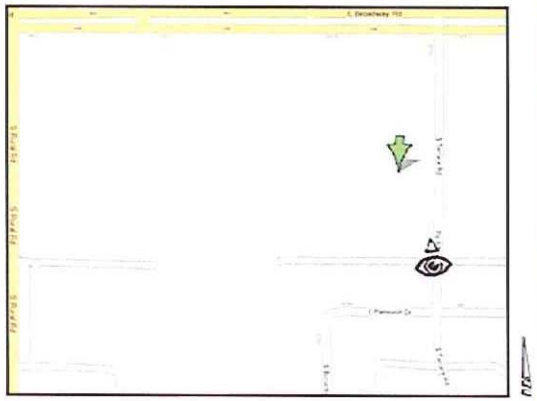
SITE No.: X141B
SITE NAME: ALLSTATE SELF STORAGE
SITE ADDRESS: 1019 E. BROADWAY ROAD, TEMPE, AZ 85282

These depictions are for demonstrative purposes only. They are to be used in addition to the engineering drawings for an accurate representation of site.

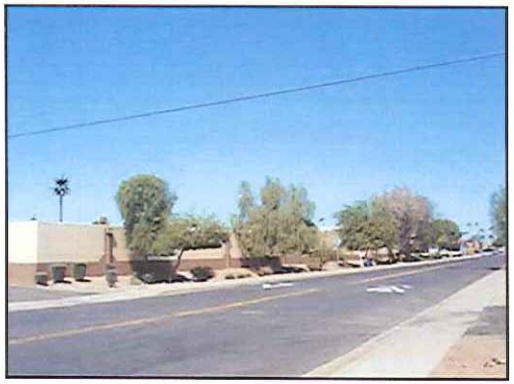
ATTACHMENT 10

at&t

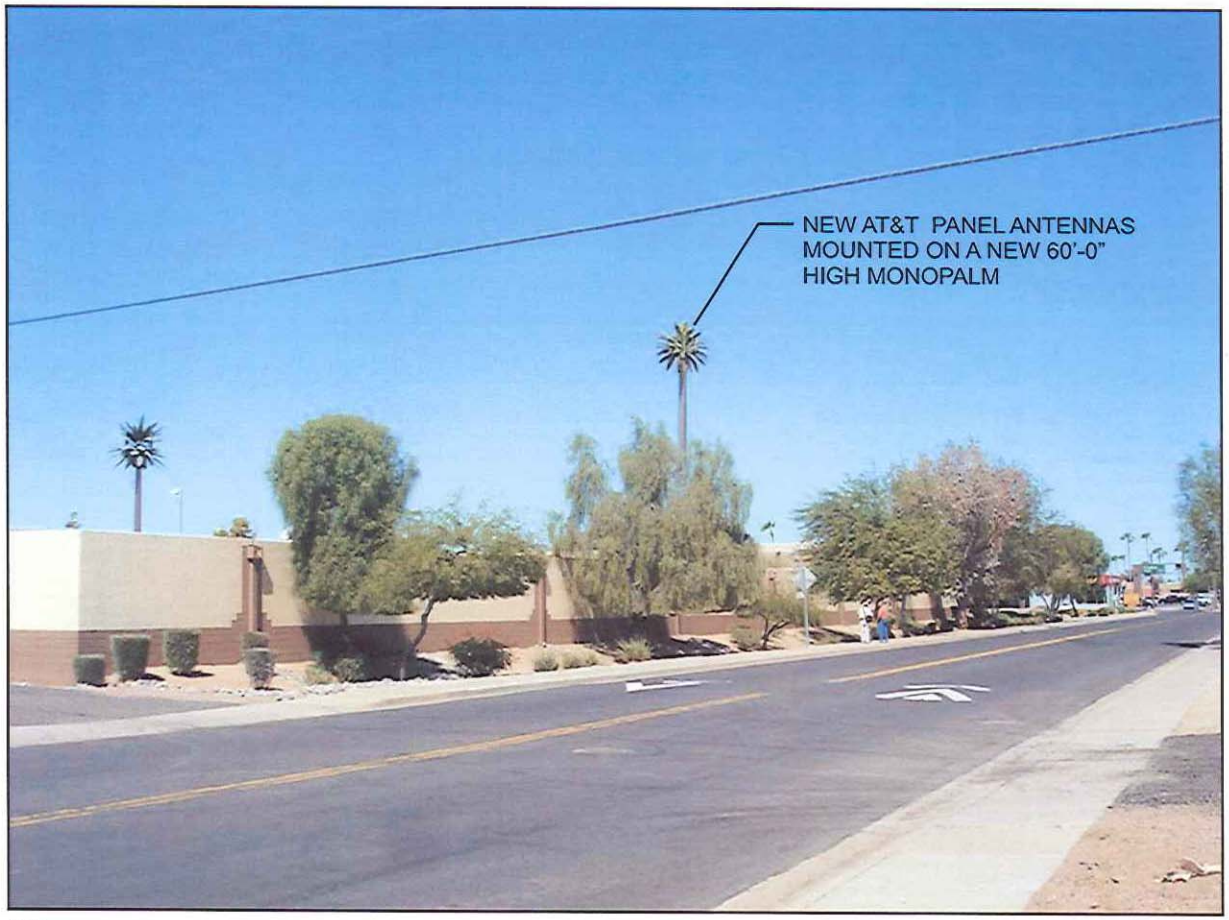
Communication Services Inc.
2151 E. Broadway Rd. Suite 217
Tempe, AZ 85282



Site Location



Before



After

LOOKING NORTHWEST ON S.
TERRANCE RD.

SITE No.: X141B
SITE NAME: ALLSTATE SELF STORAGE
SITE ADDRESS: 1019 E. BROADWAY ROAD, TEMPE, AZ 85282

These depictions are for demonstrative purposes only. They are to be used in addition to the engineering drawings for an accurate representation of site.

ATTACHMENT 11

VIEW OF THE SITE FROM THE NORTH

VIEW OF THE SITE FROM THE SOUTH

Directional photos looking towards the site, from the East and the West

VIEW OF THE SITE FROM THE EAST

VIEW OF THE SITE FROM THE WEST

ALLSTATE SELF STORAGE – A. T. & T. WIRELESS – X141-B

1019 EAST BROADWAY ROAD

PL090200

PROPOSED SITE FOR MONOPALM – VIEW TO THE SOUTH