



**MEMORANDUM**                      **Transportation & Development – CC Memo No. 11-083**

**DATE:**            AUGUST 2, 2011

**TO:**                MAYOR AND CITY COUNCIL

**THRU:**            RICH DLUGAS, CITY MANAGER *RD*  
                         PATRICK MCDERMOTT, ASSISTANT CITY MANAGER *PM*  
                         R.J. ZEDER, TRANSPORTATION & DEVELOPMENT DIRECTOR *RJZ*  
                         JEFF KURTZ, PLANNING ADMINISTRATOR *JK*  
                         KEVIN MAYO, PLANNING MANAGER *KM*

**FROM:**            BILL DERMODY, SENIOR CITY PLANNER *BD*

**SUBJECT:**        ZUP11-0005 BEAR CREEK WIRELESS FACILITY

Request:            Use Permit approval to install a wireless communication facility

Location:           500 E. Riggs Road, east of the Union Pacific Railroad between Riggs and Chandler Heights Roads

Applicant:           FM Group Inc. (for AT&T Mobility)

Owner:              City of Chandler

Zoning:              Agricultural District (AG-1)

**RECOMMENDATION**

Planning Commission and Staff, finding consistency with the General Plan, recommend approval subject to conditions.

**BACKGROUND**

The application requests a new 58' monopine (top of antennas) wireless communications facility to be located east of the Union Pacific Railroad and south of Chandler Heights Road on the Bear Creek Golf Course property. There is a lumber yard west of the proposed site that buffers it from the railroad tracks. A monopine is a cell tower disguised as a pine tree. The Zoning Code requires a Use Permit for wireless communication facilities in non-industrial zoning districts that do not utilize existing poles or towers.

The proposed monopine and associated equipment would be located in the northwestern portion of the golf course property. The monopine is set back approximately 750' from the Chandler Heights ROW. The nearest existing residential properties are approximately 1,200' to the northeast and 2,400' to the east. The property at the southeast corner of Chandler Heights Road and Arizona Avenue, located approximately 360' to the northwest of the monopine and across the railroad tracks, is zoned for mixed use including potential future multi-family uses. The west side of the railroad tracks is lined with approximately 60'-high power poles. There are also shorter power poles along the western edge of the golf course property. There are no live trees in the immediate vicinity of the proposed facility, though there are numerous pine trees north of Chandler Heights Road. Elevations of the proposed facility are among the memo attachments.

Within the immediate area, there are no other suitable alternatives for co-location of the wireless communication facilities on existing poles or towers. According to information provided by the applicant as required by code, there are six (6) verticalities of a height similar to or greater than the proposed monopine within one (1) mile. The applicant has analyzed these co-location possibilities and found them implausible for a variety of reasons, including unwilling landlords, inadequate height, and technical problems with "canister" types of facilities. The applicant also pursued other nearby sites without verticalities, such as the partially completed shopping center at the northeast corner of Chandler Heights Road and Arizona Avenue, the lumberyard to the west, and the United Methodist Church across Chandler Heights Road to the north, but also found those sites implausible. The United Methodist Church site was deemed less desirable after neighborhood opposition arose during a separate Use Permit hearing process. An inventory of these verticalities and alternative sites is included within the attached Narrative.

### **DISCUSSION**

Planning Commission and Staff find the proposed location to be appropriate for a wireless facility in the form of a 58'-high monopine. The location approximately 1,200' from the nearest existing residential uses and 360' from the nearest planned residential is positive. Its deep 750' setback from Chandler Heights Road is also positive. On other sites, a reduction to 55' in height has been deemed appropriate when the facility is near residential uses or there are few tall structures in the area. However, neither issue is present in this case, so a somewhat taller monopine of 58' is appropriate here.

The monopine design is appropriate, rather than a monopalm or other design, because of the presence of live pines across Chandler Heights Road to the north and the ability to co-locate other users on the pole, thus reducing the potential need for future towers nearby and lessening the associated aesthetic impact.

Though Planning Commission and Staff find a 58'-high monopine to be appropriate at this location, the submitted elevations show a sub-standard design that does not sufficiently resemble a live pine tree typical to the area. As such, Planning Commission and Staff recommend conditions that require the design to more closely match what was submitted for the United Methodist site, which was a much more realistic design.

**PUBLIC/NEIGHBORHOOD NOTIFICATION**

- This request was noticed according to the provisions of the City of Chandler Zoning Code.
- A neighborhood meeting was held on June 14, 2011 at the Basha Branch Chandler Library. No citizens attended.
- Members of the United Methodist Church have provided a letter and petition in support of approving the facility on their site (ZUP10-0037 UNITED METHODIST CHURCH WIRELESS FACILITY) rather than the subject site. A copy of the letter and petition is among the memo attachments. Also, a neighbor in the subdivision east of the golf course called with concerns about the facility's effect on their sunset views.

**PLANNING COMMISSION VOTE REPORT**

Motion to approve:

In Favor: 6    Opposed: 0    Absent: 1 (Cunningham)

**RECOMMENDED ACTION**

Planning Commission and Staff, upon finding consistency with the General Plan, recommend approval of ZUP11-0005 BEAR CREEK WIRELESS FACILITY subject to the following conditions:

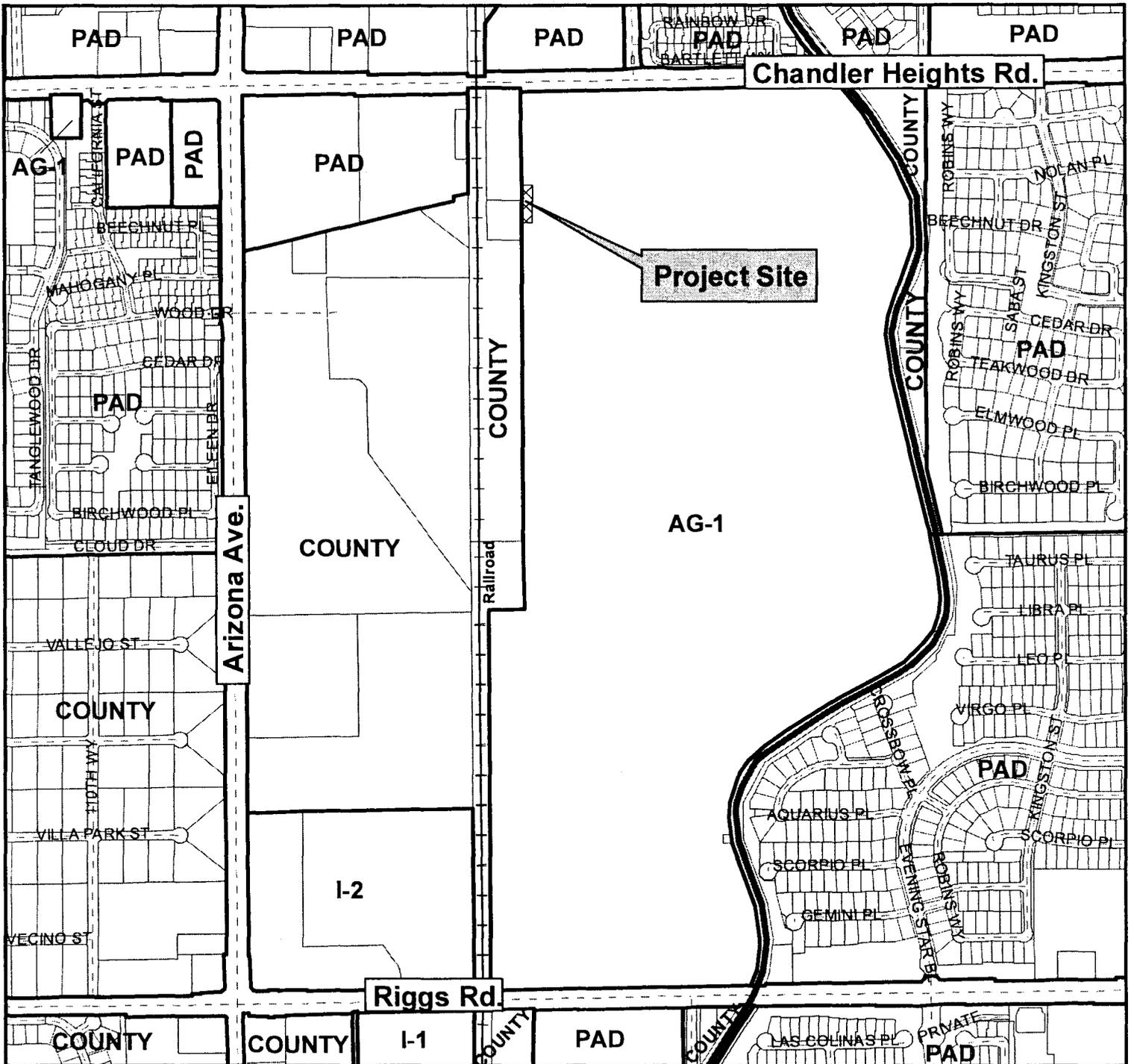
1. Development shall be in substantial conformance with approved exhibits except as modified by condition herein. Expansion or modification of the use beyond approved exhibits shall void the Use Permit and require new Use Permit application and approval.
2. The height to top of antennas shall not exceed 58'.
3. The facility's antennas shall be covered in pine needle "socks" that serve to better camouflage the antennas.
4. Besides the modifications in Conditions No. 2 and 3 (above), the monopine design shall reflect the elevations in "Exhibit A" rather than the submitted elevations.

**PROPOSED MOTION**

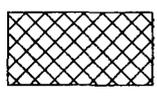
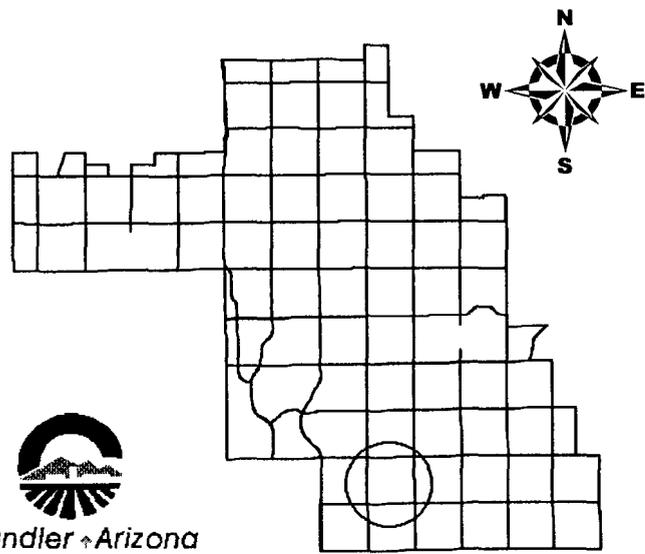
Move to approve ZUP11-0005 BEAR CREEK WIRELESS FACILITY Use Permit for a wireless communication facility, subject to the conditions recommended by Planning Commission and Staff.

**Attachments**

1. Vicinity Maps
2. Site Plan and Elevations
3. Narrative
4. Inventory of Verticalities within 1 Mile
5. Photosimulations
6. Exhibit A: Recommended Elevations
7. Letter and Petition from Church



## Vicinity Map

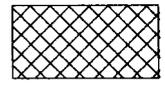
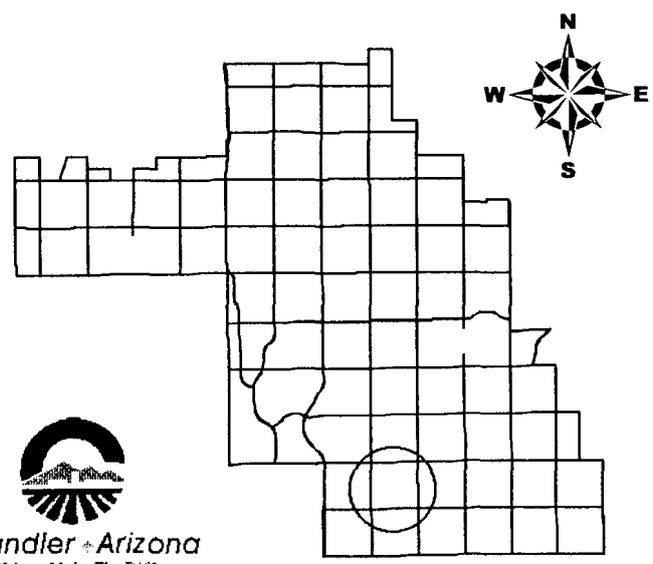


ZUP11-0005

**Bear Creek Golf Course  
Wireless Facility**



## Vicinity Map



ZUP11-0005

**Bear Creek Golf Course  
Wireless Facility**



Chandler • Arizona  
*Where Values Make The Difference*



**APPROVALS**

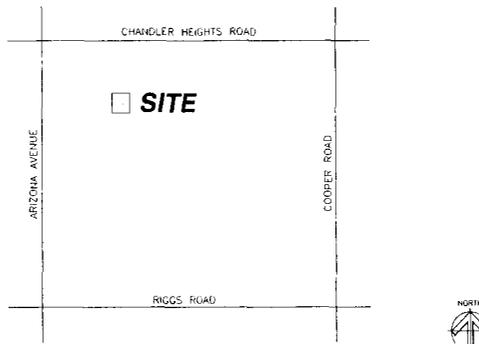
AT&T (RF)	DATE
AT&T (CONST)	DATE
AT&T (S.A.)	DATE
LANDLORD	DATE
LANDLORD	DATE
SITE AGO	DATE

**DRAWING INDEX**

	REV
25471-620-PHNXAZ-X508EE-T-1	0
25471-620-PHNXAZ-X508EE-SV-1	0
25471-620-PHNXAZ-X508EE-Z-1	0
25471-620-PHNXAZ-X508EE-Z-2	0
25471-620-PHNXAZ-X508EE-Z-3	0

**SITE NUMBER: X508-EE  
SEARCH RING: CHANDLER HEIGHTS BLVD & ARIZONA AVE  
CANDIDATE NAME: BEAR CREEK GOLF COURSE**

**VICINITY MAP**



**PROJECT INFORMATION**

OWNER:	CITY OF CHANDLER
SITE ADDRESS:	500 E. RIGGS ROAD CHANDLER, AZ 85249
APN:	363-53-001A
JURISDICTION:	CITY OF CHANDLER
ZONING:	AG
LEASEE:	AT&T MOBILITY
EXISTING USE:	9720 (MUNICIPAL COMMERCIAL PROPERTY)
PROPOSED EQUIPMENT:	EQUIPMENT ENCLOSURE W/ ANTENNAS ON A MONOPINE
OCCUPANCY:	UNMANNED TELECOMMUNICATIONS FACILITY
CONSTRUCTION TYPE:	VB
ALLOWABLE AREA:	5,500 SF
ACTUAL AREA:	598 SF
POWER COMPANY:	SRP
TELCO COMPANY:	QWEST

DESIGN PACKAGE BASED ON RF DATA SHEET DATE STAMPED 02/22/2011 (X508EE v.1)

**SITE DIRECTIONS**

- FROM THE AT&T OFFICE AT: 20830 N. TATUM BLVD. PHOENIX, AZ
1. HEAD SOUTH ON N. TATUM BLVD AND BEAR LEFT ONTO AZ-101 LOOP E
  2. CONTINUE ON AZ-101 LOOP S
  3. TAKE EXIT #61C/AZ-202 LOOP E ONTO AZ-202 LOOP E
  4. TAKE EXIT #47/ARIZONA AVE
  5. TURN RIGHT ONTO S. ARIZONA AVE (AZ-87)
  6. TURN LEFT ONTO E. RIGGS ROAD

**PROJECT SUMMARY**

- INSTALLATION OF AN EQUIPMENT ENCLOSURE WITH TELECOMMUNICATION EQUIPMENT CABINETS MOUNTED ON A CONCRETE SLAB
- INSTALLATION OF AN ANTENNA ARRAY, 3 SECTORS, 3 ANTENNAS PER SECTOR ON A MONOPINE
- INSTALLATION OF UNDERGROUND COAXIAL CABLE FROM PROPOSED SHELTER TO MONOPINE
- AN UNDERGROUND 200A ELECTRICAL SERVICE FROM POWER COMPANY'S POC TO ELECTRICAL METER/DISCONNECT AT EQUIPMENT ENCLOSURE
- AN UNDERGROUND TELEPHONE SERVICE FROM TELCO COMPANY'S POC TO HOFFMAN BOX ON EQUIPMENT ENCLOSURE.

**REDLINE DRAWING REVIEW**

NAME (PRINT)	SIGNATURE	DATE
GENERAL CONTRACTOR - CONFIRM ACCURACY OF THESE REDLINE DRAWINGS		
NAME (PRINT)	SIGNATURE	DATE
FIELD COORDINATOR - VERIFY INSTALLATION PER REDLINE DRAWINGS		
NAME (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		

**SITE QUALIFICATION PARTICIPANTS**

	NAME	COMPANY	NUMBER
A/E	WARREN A. SAMBACH	FM GROUP INC	602-277-7877
SAC	JAMIE WEISS	FM GROUP INC	520-360-1523
RF	STEVE ISBELL	AT&T WIRELESS	480-515-7075
LANDLORD	MICKEL OHLAND	CITY OF CHANDLER	480-782-2743

PROPOSED MONOPINE HEIGHT:	63'-7"
PROPOSED TOP OF ANTENNA HEIGHT:	58'-0"
PROPOSED ANTENNA RC HEIGHT:	54'-0"

LATITUDE	33° 13' 52.50"	14Q083
LONGITUDE	111° 50' 08.78"	
ELEVATION	1221.0'	14N0688

ENGINEER:

FM GROUP INC  
15974 N. 77TH STREET  
SUITE 100  
SCOTTSDALE, AZ 85266  
Phone: (602) 277-7877  
Fax: (602) 277-8288  
Project Number: 09-357

OWNER:

**BEAR CREEK GOLF COURSE  
PHNXAZX508-EE**  
500 E. RIGGS ROAD  
CHANDLER, AZ 85249

DEVELOPER:

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

NO.	DATE	REVISIONS	BY	CHK	APP'D
D	03/28/11	2D'S FOR SUBMITTAL	MPR	WAS	WAS
A	03/09/11	2D'S FOR REVIEW	MPR	WAS	WAS
SCALE: AS SHOWN DESIGNED BY: MPR DRAWN BY: MPR					



AT&T MOBILITY

TITLE SHEET

DRAWING NUMBER	REV
25471-620	0
PHNXAZ-X508-T-1	

**PARENT PARCEL:  
LEGAL DESCRIPTION:**

THAT PORTION OF SECTION 27, TOWNSHIP 2 SOUTH, RANGE 5 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, LYING WEST OF THE CENTER LINE OF THE CONSOLIDATED CANAL AND EAST OF THE EAST RIGHT-OF-WAY LINE OF THE SOUTHERN PACIFIC RAILROAD, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
BEGINNING AT THE SOUTH QUARTER CORNER OF SAID SECTION 27;  
THENCE EAST ALONG THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 27 303.19 FEET TO A POINT FROM WHICH THE SOUTHWEST CORNER OF SAID SECTION 27 BEARS EAST 234.45 FEET;  
THENCE NORTHERLY ALONG THE CENTERLINE OF A 70 FOOT RIGHT-OF-WAY FOR THE CONSOLIDATED CANAL LYING 25 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTER LINE: NORTH 26° 45' EAST 29.94 FEET;  
THENCE ALONG A CURVE CONCAVE TO THE WEST AND TANGENT TO LAST MENTIONED LINE, SAID CURVE HAVING A RADIUS OF 685.00 FEET, A CENTRAL ANGLE OF 47° 24', A DISTANCE OF 546.89 FEET;  
THENCE NORTH 20° 39' WEST TANGENT TO LAST MENTIONED CURVE 282.62 FEET;  
THENCE ALONG A CURVE CONCAVE TO THE EAST AND TANGENT TO LAST MENTIONED LINE, SAID CURVE HAVING A RADIUS OF 440.00 FEET, A CENTRAL ANGLE OF 47° 24', A DISTANCE OF 324.26 FEET TO HEREINAFTER REFERRED TO AS POINT E;  
THENCE NORTH 21° 37' EAST TANGENT TO LAST MENTIONED CURVE 145.82 FEET;  
THENCE NORTH 52° 08' EAST 367.31 FEET;  
THENCE NORTH 59° 27' EAST 312.53 FEET;  
THENCE NORTH 62° 59' EAST 337.20 FEET;  
THENCE ALONG A CURVE CONCAVE TO THE NORTHWEST AND TANGENT TO LAST MENTIONED LINE, SAID CURVE HAVING A RADIUS OF 523.39 FEET, A CENTRAL ANGLE OF 74° 12', A DISTANCE OF 677.81 FEET;  
THENCE NORTH 11° 13' WEST TANGENT TO LAST MENTIONED CURVE 242.60 FEET TO A POINT ON THE NORTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 27, FROM WHICH THE EAST QUARTER CORNER OF SAID SECTION 27 BEARS NORTH 89° 43' 15" EAST 1308.95 FEET;  
THENCE CONTINUING NORTH 11° 13' WEST 248.11 FEET;  
THENCE NORTH 12° 55' WEST 821.39 FEET;  
THENCE NORTH 107° 59' 30" WEST 183.18 FEET;  
THENCE ALONG A CURVE TANGENT TO LAST MENTIONED LINE AND CONCAVE TO THE EAST, SAID CURVE HAVING A RADIUS OF 642.19 FEET, A CENTRAL ANGLE OF 40° 59', A DISTANCE OF 387.67 FEET;

THENCE ALONG A CURVE TANGENT TO LAST MENTIONED CURVE AND CONCAVE TO THE WEST, SAID CURVE HAVING A RADIUS OF 706.60 FEET, A CENTRAL ANGLE OF 37° 37', A DISTANCE OF 483.91 FEET;  
THENCE ALONG A CURVE TANGENT TO LAST MENTIONED CURVE AND CONCAVE TO THE WEST, SAID CURVE HAVING A RADIUS OF 776.74 FEET, A CENTRAL ANGLE OF 23° 52', A DISTANCE OF 323.55 FEET;  
THENCE NORTH 31° 30' 30" WEST, TANGENT TO LAST MENTIONED CURVE, A DISTANCE OF 291.13 FEET;  
THENCE NORTH 38° 15' 30" WEST 301.28 FEET TO A POINT ON THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 27, FROM WHICH THE NORTHEAST CORNER OF SAID SECTION 27 BEARS NORTH 89° 36' 30" EAST 1808.81 FEET;  
THENCE SOUTH 89° 36' 30" WEST ALONG THE NORTH LINE OF THE NORTHEAST QUARTER OF SAID SECTION 27, 840.39 FEET TO THE NORTH QUARTER CORNER OF SAID SECTION 27;  
THENCE SOUTH 89° 52' 30" WEST, ALONG THE NORTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 27, 988.34 FEET TO A POINT ON THE EAST RIGHT-OF-WAY LINE OF THE SOUTHERN PACIFIC RAILROAD;  
THENCE SOUTH 07° 24' WEST ALONG SAID EAST RIGHT-OF-WAY LINE, SAID LINE BEING PARALLEL WITH AND 250.00 FEET EAST OF (MEASURED AT RIGHT ANGLES TO) THE CENTER LINE OF THE MAIN TRACKS OF THE SOUTHERN PACIFIC RAILROAD, A DISTANCE OF 3033.00 FEET;  
THENCE NORTH 89° 36' 30" WEST, CONTINUING ALONG SAID EAST RIGHT-OF-WAY LINE 200.00 FEET;  
THENCE SOUTH 07° 24' WEST CONTINUING ALONG SAID EAST RIGHT-OF-WAY LINE, SAID LINE BEING PARALLEL WITH AND 250.00 FEET EAST OF (MEASURED AT RIGHT ANGLES TO) THE CENTER LINE OF THE MAIN TRACKS, A DISTANCE OF 2245.02 FEET TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 27;  
THENCE NORTH 89° 33' EAST 1192.33 FEET TO THE POINT OF BEGINNING,  
EXCEPTING THEREFROM THE FOLLOWING DESCRIBED PARCEL OF LAND FOR WELL SITE:  
BEGINNING AT POINT C, RUM NORTH 68° 23' WEST 35.00 FEET TO THE POINT OF BEGINNING OF THE PARCEL OF LAND HERIN DESCRIBED:  
THENCE NORTH 88° 23' WEST 45.00 FEET;  
THENCE SOUTH 88° 23' WEST 50.00 FEET;  
THENCE SOUTH 88° 23' EAST, 47.84 FEET TO A POINT ON A CURVE, THE CENTER OF WHICH BEARS SOUTH 74° 25' 30" EAST, 475.00 FEET;  
THENCE NORTHERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 6° 02' 30" 50.09 FEET TO THE POINT OF BEGINNING

**LEASE PREMISES:  
LEGAL DESCRIPTION:**

A PORTION OF THE NORTHWEST QUARTER OF SECTION 27, TOWNSHIP 2 SOUTH, RANGE 5 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:  
BEGINNING AT THE NORTHWEST CORNER OF SAID SECTION 27, FROM WHICH THE NORTH QUARTER CORNER BEARS NORTH 89°15'57" EAST, FOR A DISTANCE OF 2647.63 FEET;  
THENCE ALONG THE NORTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 27, FOR A DISTANCE OF 1658.96 FEET;  
THENCE SOUTH 00°16'59" EAST, FOR A DISTANCE OF 55.00 FEET, TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF CHANDLER HEIGHTS ROAD;  
THENCE CONTINUING SOUTH 00°16'59" EAST, FOR A DISTANCE OF 597.01 FEET;  
THENCE NORTH 89°43'01" EAST, FOR A DISTANCE OF 17.51 FEET, TO THE POINT OF BEGINNING,  
THENCE NORTH 89°43'01" EAST, FOR A DISTANCE OF 15.33 FEET;  
THENCE SOUTH 00°16'59" EAST, FOR A DISTANCE OF 39.00 FEET;  
THENCE SOUTH 89°43'01" WEST, FOR A DISTANCE OF 15.33 FEET;  
THENCE NORTH 00°16'59" WEST, FOR A DISTANCE OF 39.00 FEET, TO THE POINT OF BEGINNING,  
SAID LEASE PREMISES CONTAINS 598 S.F. MORE OR LESS.

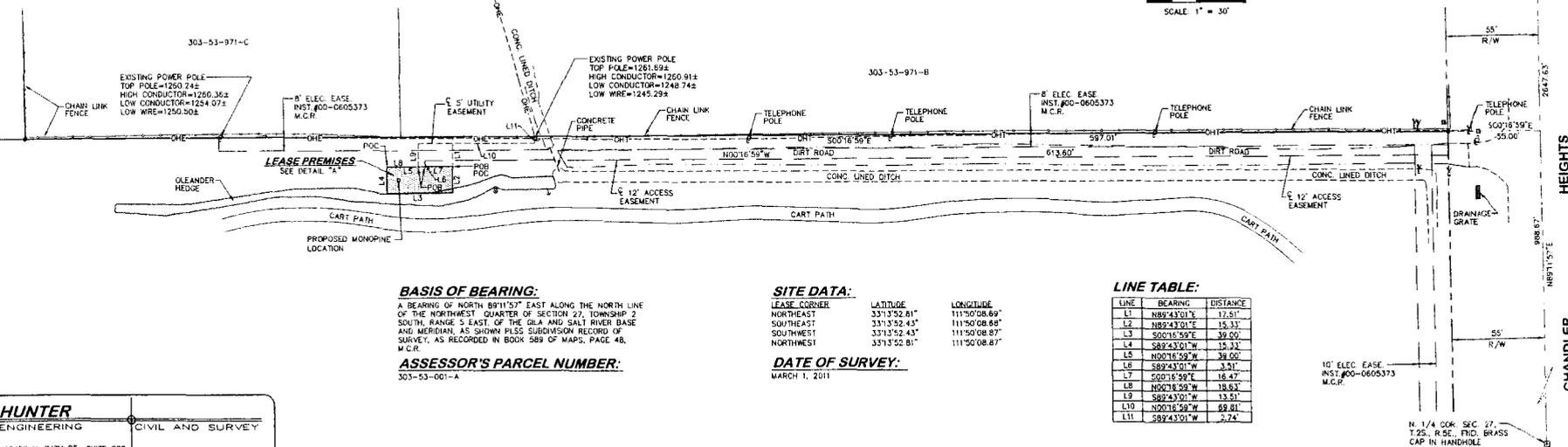
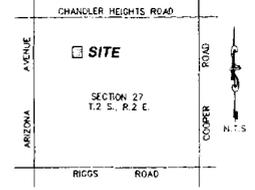
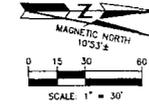
**5' UTILITY EASEMENT:  
LEGAL DESCRIPTION:**

A PORTION OF THE NORTHWEST QUARTER OF SECTION 27, TOWNSHIP 2 SOUTH, RANGE 5 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:  
BEGINNING AT THE SOUTHWEST CORNER OF THE LEASE PREMISES SHOWN HEREON;  
THENCE NORTH 00°16'59" WEST, ALONG THE WEST LINE OF SAID LEASE PREMISES, FOR A DISTANCE OF 18.63 FEET, TO THE POINT OF BEGINNING;  
THENCE SOUTH 89°43'01" WEST, FOR A DISTANCE OF 13.51 FEET;  
THENCE NORTH 00°16'59" WEST, FOR A DISTANCE OF 69.81 FEET;  
THENCE SOUTH 89°43'01" WEST, FOR A DISTANCE OF 2.74 FEET, TO THE TERMINATION OF SAID 5 FOOT UTILITY EASEMENT.

**12' ACCESS EASEMENT:  
LEGAL DESCRIPTION:**

A PORTION OF THE NORTHWEST QUARTER OF SECTION 27, TOWNSHIP 2 SOUTH, RANGE 5 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:  
BEGINNING AT THE SOUTHWEST CORNER OF THE LEASE PREMISES SHOWN HEREON;  
THENCE SOUTH 00°16'59" EAST, ALONG THE WEST LINE OF SAID LEASE PREMISES, FOR A DISTANCE OF 16.47 FEET, TO THE POINT OF BEGINNING;  
THENCE SOUTH 89°43'01" WEST, FOR A DISTANCE OF 3.51 FEET;  
THENCE NORTH 00°16'59" WEST, FOR A DISTANCE OF 613.60 FEET, TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF CHANDLER HEIGHTS ROAD AND THE TERMINATION OF SAID 12 FOOT ACCESS EASEMENT.

- LEGEND:**
- BM FOUND MONUMENT AS NOTED
  - PM POWER POLE
  - LP LIGHT POLE
  - TP TELEPHONE BOX
  - POB POINT OF BEGINNING
  - POC POINT OF COMMENCEMENT
  - ML MONUMENT LINE
  - PL PROPERTY LINE
  - EL EASEMENT LINE
  - RFW RIGHT-OF-WAY LINE



**BASIS OF BEARING:**

A BEARING OF NORTH 89°11'57" EAST ALONG THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 27, TOWNSHIP 2 SOUTH, RANGE 5 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, AS SHOWN PLUS SUBDIVISION RECORD OF SURVEY, AS RECORDED IN BOOK 569 OF MAPS, PAGE 48, M.C.R.

**ASSESSOR'S PARCEL NUMBER:**

303-53-001-A

**SITE DATA:**

LEASE CORNER	LATITUDE	LONGITUDE
NORTHEAST	33°13'52.81"	111°50'08.89"
SOUTHEAST	33°13'52.43"	111°50'08.88"
SOUTHWEST	33°13'52.43"	111°50'08.87"
NORTHWEST	33°13'52.81"	111°50'08.87"

**DATE OF SURVEY:**

MARCH 1, 2011

**LINE TABLE:**

LINE	BEARING	DISTANCE
L1	N89°43'01"W	17.51
L2	N89°43'01"E	15.33
L3	S00°16'59"E	39.00
L4	S89°43'01"W	15.33
L5	N00°16'59"W	55.00
L6	S89°43'01"W	3.51
L7	S00°16'59"E	16.47
L8	N00°16'59"W	18.63
L9	S89°43'01"W	13.51
L10	N00°16'59"W	69.81
L11	S89°43'01"W	2.74

**HUNTER ENGINEERING**  
CIVIL AND SURVEY  
10450 N. 74TH ST., SUITE 200  
SCOTTSDALE, AZ 85258  
T 480 981 3985  
F 480 991 3980  
PROJ. NO. CELLO90-S

**FM GROUP INC**  
18974 N. 77TH STREET  
SUITE 100  
SCOTTSDALE, AZ 85260  
Phone: (602) 277-7877  
Fax: (602) 277-8288

**BEAR CREEK GOLF COURSE**  
PHNXAZB508-EE  
500 E. RIGGS ROAD  
CHANDLER, ARIZONA 85249

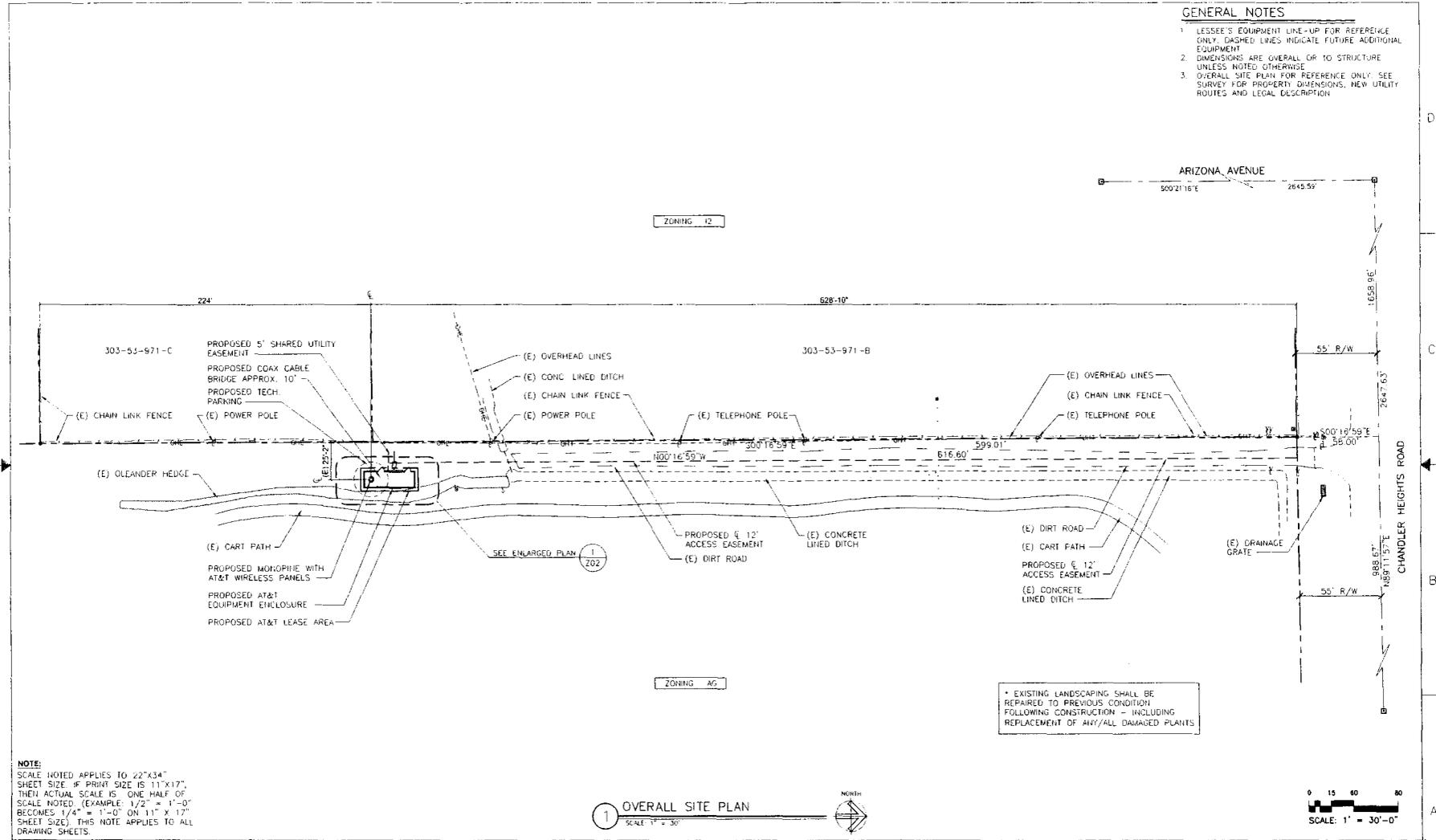
**at&t**  
AT&T MOBILITY  
20930 N. TATUM BLVD, SUITE 400  
PHOENIX, AZ 85050  
PHONE: (480) 414-1829

ISSUED FOR SUBMITTAL  
DATE: 3/4/11  
DESIGNED BY: N/A  
DRAWN BY: JEH  
DATE: \_\_\_\_\_  
REVISIONS: \_\_\_\_\_  
BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

**AT&T MOBILITY**  
TOPOGRAPHICAL SURVEY  
DRAWING NUMBER: PHNX-PHMAZ-B508-SV-1  
SCALE: 1"=30'

**GENERAL NOTES**

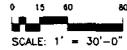
1. LESSEE'S EQUIPMENT LINE-UP FOR REFERENCE ONLY. DASHED LINES INDICATE FUTURE ADDITIONAL EQUIPMENT.
2. DIMENSIONS ARE OVERALL OR TO STRUCTURE UNLESS NOTED OTHERWISE.
3. OVERALL SITE PLAN FOR REFERENCE ONLY. SEE SURVEY FOR PROPERTY DIMENSIONS, NEW UTILITY ROUTES AND LEGAL DESCRIPTION.



\* EXISTING LANDSCAPING SHALL BE REPAIRED TO PREVIOUS CONDITION FOLLOWING CONSTRUCTION - INCLUDING REPLACEMENT OF ANY/ALL DAMAGED PLANTS

**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.

**1 OVERALL SITE PLAN**  
SCALE: 1" = 30'-0"



ENGINEER: **FM GROUP INC**  
15974 N. 77TH STREET  
SUITE 100  
SCOTTSDALE, AZ 85260  
Phone: (602) 277-7877  
Fax: (602) 277-8288  
Project Number: 09-357

OWNER: **BEAR CREEK GOLF COURSE**  
**PHNXAZX508-EE**  
500 E. RIGGS ROAD  
CHANDLER, AZ 85248

DEVELOPER: **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
0	03/28/11	20'S FOR SUBMITTAL	MPB	WAS	
1	03/08/11	20'S FOR REVIEW	MPB	WAS	

SCALE: AS SHOWN    DESIGNED BY: NEW    DRAWN BY: VFR



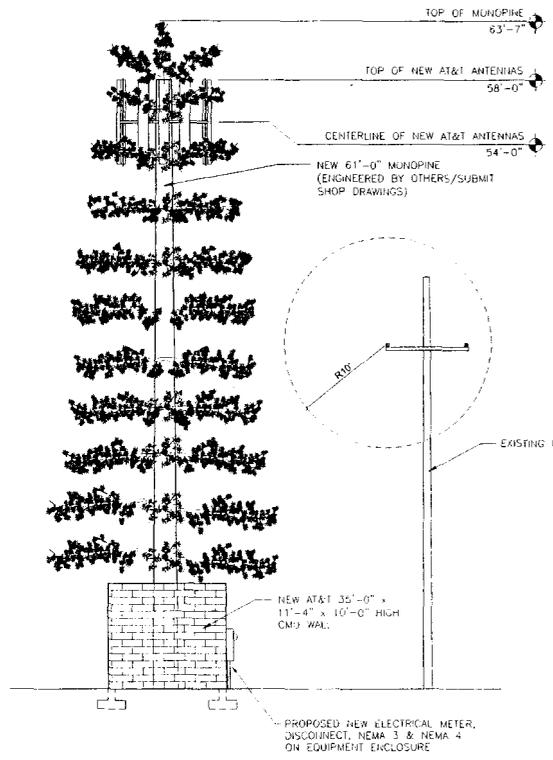
**AT&T MOBILITY**

**OVERALL SITE PLAN**

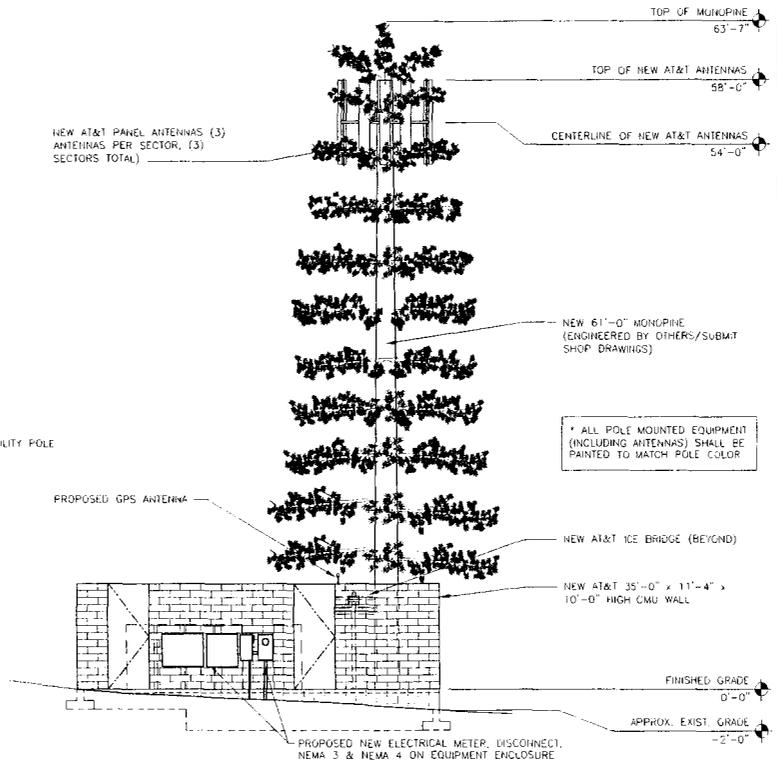
DRAWING NUMBER: PHNXAZ-X508-2-1

25471-620





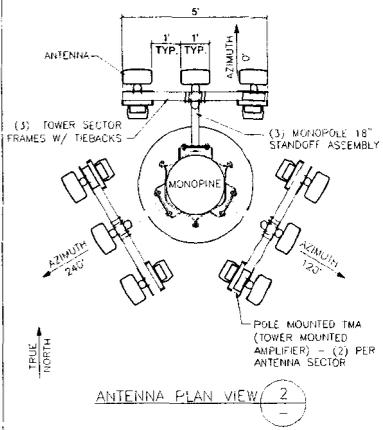
**2 ELEVATION**  
SCALE: 1/8" = 1'-0"



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

**GENERAL NOTES**

1. ANTENNA ARRAY SHOWN FOR REFERENCE (3) SECTORS WITH (2) ANTENNAS PER SECTOR



\* ALL POLE MOUNTED EQUIPMENT (INCLUDING ANTENNAS) SHALL BE PAINTED TO MATCH POLE COLOR

ENGINEER: **FM GROUP INC**  
15974 N. 77TH STREET  
SUITE 100  
SCOTTSDALE, AZ 85260  
Phone: (602) 277-7877  
Fax: (602) 277-8288  
Project Number: 09-357

OWNER: **BEAR CREEK GOLF COURSE**  
**PHNXAZ508-EE**  
500 E. FIGGS ROAD  
CHANDLER, AZ 85249

DEVELOPER: **at&t**  
AT&T MOBILITY  
20650 N. TATUM BLVD., SUITE 400  
PHOENIX, AZ 85024  
PHONE: (480) 414-1829

0	01/28/11	20'S FOR SUBMITTAL	WPR	MAS	MAS
A	03/08/11	20'S FOR REVIEW	WPR	MAS	MAS
REV	DATE	REVISIONS	BY	CHK	APP
SCALE: AS SHOWN			DESIGNED BY: MW	DRAWN BY: MPR	

<b>AT&amp;T MOBILITY</b>	
<b>TOWER ELEVATIONS &amp; DETAILS</b>	
25471-620	PHNXAZ-508-Z-3
27 x 34	U



15974 N. 77<sup>th</sup> Street – Scottsdale, Arizona 85260 – 602-277-7877



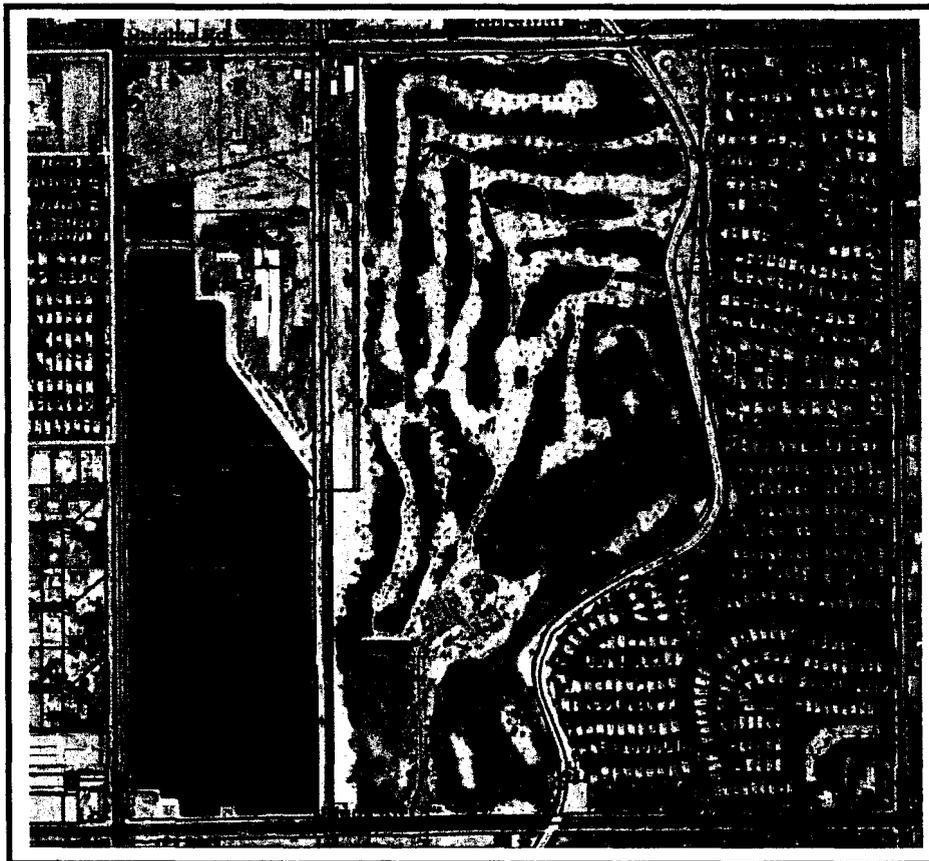
## City of Chandler – Use Permit Zoning Application Case

Subject Property: 500 East Riggs Road

Project Name: X508-EE Bear Creek Golf Course

Date: Revised July 11, 2011

AERIAL MAP OF SUBJECT



### Contact Information:

FM GROUP INC  
15974 N. 77<sup>th</sup> Street  
Scottsdale AZ 85260  
Michelle Evans  
PH: 602.277.7877 ext. 233  
E: mevans@fmgroup.net



## **PURPOSE OF THE REQUEST**

AT&T, a wireless communications provider has had tremendous growth resulting in increased consumer demands and the need for E-911 emergency service enhancements. The subject area has presented challenges for the AT&T network causing both capacity and coverage deficiencies. The subject location at the Bear Creek Golf Course at 500 East Riggs Road is the best possible location for both the radio frequency objective and meeting the intent of the Wireless Communication Facilities section of the City of Chandler Unified Development Manual, and the 1996 Federal Telecommunications Act. The following is an outline of how AT&T will comply with all Federal, State, County and Local regulations with respect to wireless communications facilities and the City of Chandler guidelines:

## **DESCRIPTION FOR THE PROPOSAL**

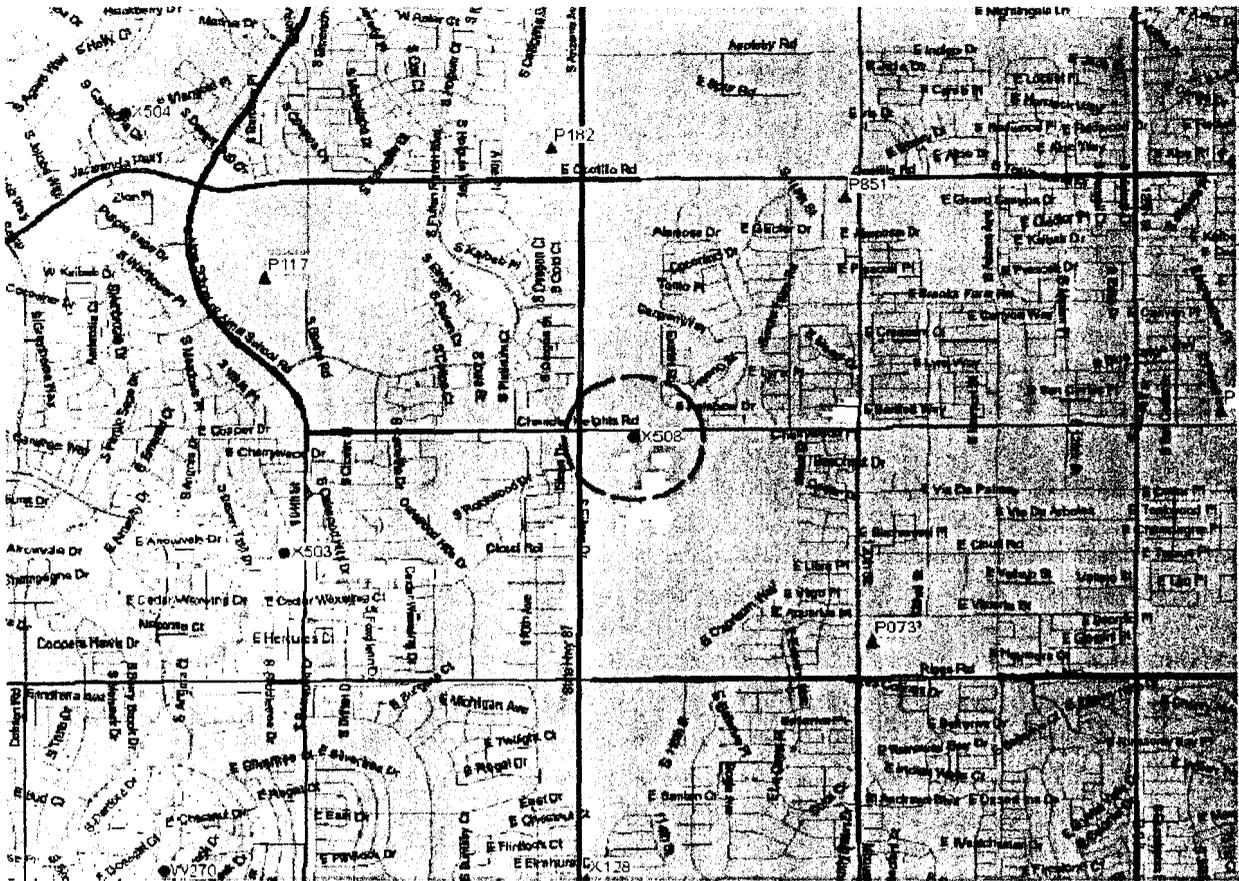
The proposed Wireless Communications Facility (WCF) consists of a fifty-eight (58) foot monopine with ground mounted equipment. The monopine will conceal nine (9), eight foot (8'-0") antennas. The monopine has been chosen to mitigate the visual impact of the WCF helping blend into the existing landscaping at the golf course. The ground mounted equipment will be screened from view by a ten foot (10'-0") screen wall designed to be consistent with the architecture of the existing surrounding buildings.

The proposed WCF is required to correct an existing coverage deficiency within the existing AT&T Mobility network. Included with the zoning submittal documents is an exhibit titled "Existing and Proposed AT&T Mobility Antenna Sites" depicting the proposed WCF and the existing AT&T WCF's servicing this area. The coverage deficiency is depicted by the yellow and blue areas surrounding the proposed WCF.

## **CONSIDERED CANDIDATES**

The search ring for this site is shown on the following page. The search ring radius is 0.3 miles and encompasses primarily undeveloped land. The location of the search ring was dictated by the coverage deficiency which exists in this area as well as the location of other adjacent AT&T WCF's which are shown on the search ring (P117, P182, P851, P073, X128, X503). Each is +/- one mile from the proposed site which is the general rule for spacing between sites in order to provide good coverage without interference from adjacent sites.

FM GROUP INC (FM) evaluated a number of candidates within this search ring. The candidates considered and the reasons they were not selected follows below and in the Co-Location Possibilities Section.

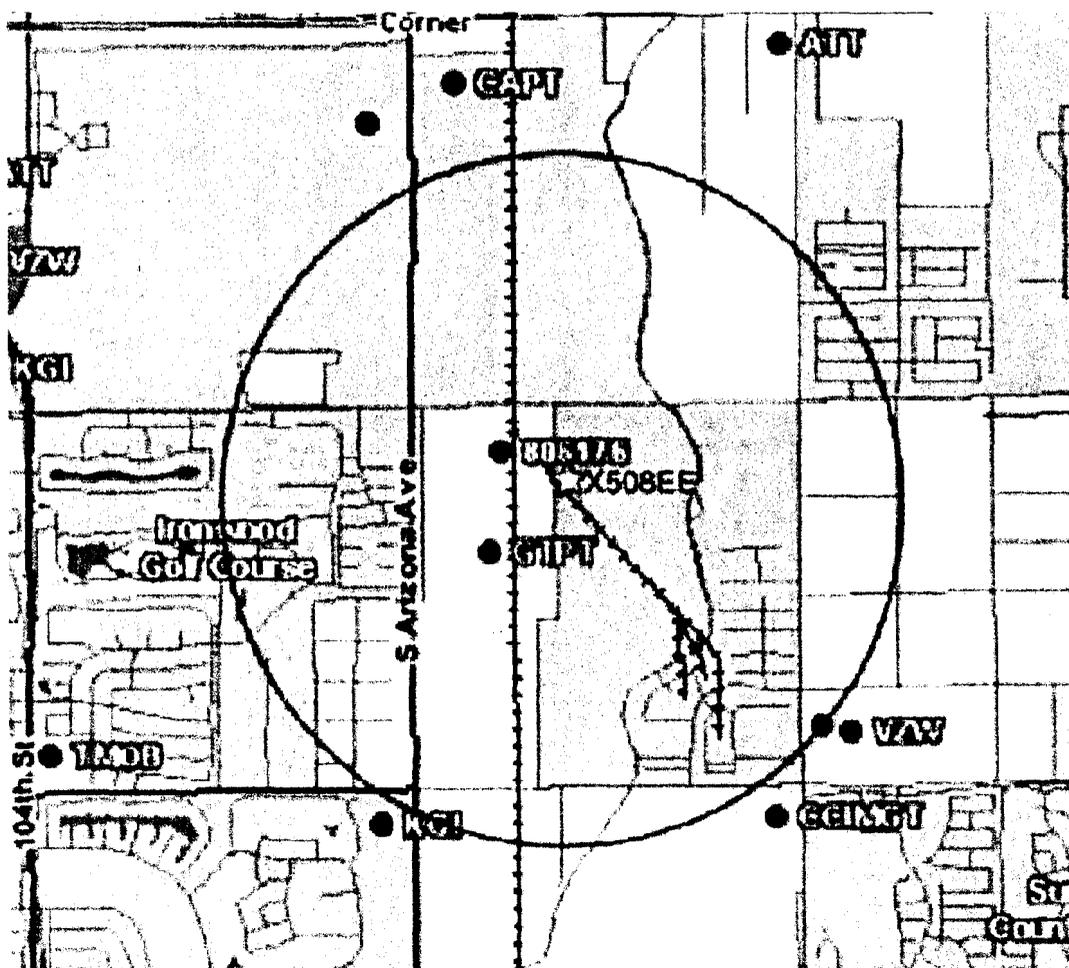


- The undeveloped land on the Northeast and Southeast corners of Arizona Avenue and Chandler Heights Boulevard: These properties were not pursued because the owners were insolvent and the property was in the process of reverting to the bank or the owners were unresponsive.
- The Ocotillo Lumber site immediately South of Chandler Heights Boulevard and East of the railroad tracks was initially selected by AT&T in December of 2009 as the prime candidate for this search ring. It was discovered once the zoning process was underway the property had many Maricopa County zoning and building violations all of which would need to be resolved prior to allowing AT&T to build a site. FM worked with the County for nearly six months trying to negotiate a Development Agreement allowing AT&T to construct the site in parallel with resolving the violations. Unfortunately these efforts were met with little in the way of results and in May of 2010 AT&T decided to pursue other candidates. Subsequently, the property owner hired a zoning attorney, Paul Gilbert, to negotiate the Development Agreement. Mr. Gilbert was successful and the Development Agreement was executed on September 28, 2010. Although there is now a Development Agreement in place, this alone does not mean the landlord will be able to meet his obligations and AT&T will succeed obtaining the required entitlements to move this location forward. AT&T has not filed a zoning application with Maricopa County for this candidate.

- The Chandler United Methodist Church was pursued as a viable candidate and routed through the City of Chandler zoning process for consideration. Unfortunately, although the church was agreeable to the location on their property, the surrounding property owners expressed opposition at the City of Chandler Zoning Hearings. The City of Chandler suggested finding an alternate location for AT&T's site in the area. If all entitlements are successfully obtained for the Bear Creek Golf Course candidate the Zoning case for Chandler United Methodist Church will be withdrawn.

### CO-LOCATION POSSIBILITIES

FM researched existing Wireless Telephone Facilities (WCF) within one (1.0) mile radius utilizing CCI sites web based application which provides an inventory of all FCC licensed wireless communication facilities. Following are the results of this research:



- A Global Tower Partners stealth flag pole exists to the Southwest approximately 1/3 mile from the proposed monopine. The site utilizes canister style antennas to stealth the antennas inside



the flagpole. The required technology for this site does not lend itself to the canister style required for the flag pole application. Refer to the section titled "Limitations of Canister Antennas" on page 6 of this narrative.

- There is an existing Crown Castle monopole that is also to the South West by approximately 1/3 mile, but this site has no available ground space. In addition, at the time candidates were being selected the property owner where the Crown Castle site is located was insolvent and ownership had reverted to the bank. Because of this, no additional lease area could be obtained.
- There is an existing water tower located in the Southwest area of the search ring. The property is owned by Superior Products Corporation who is also the owner of the industrial facility where the GTP flagpole WCF discussed above is located. Due to uncertainty regarding the future of the water tower and the surrounding land Superior was not willing to commit to this option.
- The tallest building in the area is approximately 45' which would not allow the antennas to be installed high enough above grade to address the coverage deficiency for this search ring.
- The existing SRP power poles running North South along the west side of the rail road tracks were considered. SRP would require the antennas to be mounted below the conductors which would not allow the necessary mounting height to address the coverage deficiency. In addition, since these power poles are in the rail road ROW, an access easement and lease space would need to be obtained from the rail road which would be unlikely.
- The existing street lights within the 1 mile radius are approximately 35 feet high. A majority of these street lights are in close proximity to residential development with limited opportunities for placing the ground mounted equipment. Utilizing one of these light poles would likely require the use of canister antennas. Due to the engineering requirements for this WCF the canister style antennas are not acceptable. In addition, the height achievable for the antennas will not address the coverage deficiency for this ring.

## **RELATIONSHIP TO SURROUNDING PROPERTIES**

The subject property is zoned AG. North of the site is Chandler Heights Road. To the East is zoned PAD and Residential. To the West is IND 3. South of the site is Riggs Road. This site was selected after consultation with the City of Chandler due to the existing zoning, lack of viable existing verticality, and its ability to satisfy the specific radio frequency engineering design criteria for the coverage area.

The unmanned wireless communications facility will generate no refuse, and will use no water or sewer services. There should be no demand for police surveillance. The facility is isolated from other buildings minimizing any fire dangers. Emergency vehicle access is available directly to the site over paved roadways and parking lots.

## **LOCATION & ACCESSIBILITY**

- Access to the wireless facility can occur from an existing dirt road running North/South off of Chandler Heights Road.
- Parking for technician access is available on the side of the dirt road near the equipment enclosure.



## **DEVELOPMENT SCHEDULE**

Construction will commence upon completion of entitlement and issuance of a building permit.

## **RADIO FREQUENCY EMISSIONS**

The WCF will fall within the portion of the electromagnetic spectrum, which transmits non-ionizing radio waves. “Non-ionizing” electromagnetic emissions, at the low levels associated with this type of wireless technology, are not harmful to living cells. Among the items which result in non-ionizing electromagnetic emissions are police/fire/EMS radios, television broadcasts, CB radios, microwave ovens, baby monitors, home wireless phones, garage door openers, and many other items in day to day life. Not to be confused with “ionizing” electromagnetic emissions which include ultra-violet light, medical x-rays and gamma rays.

## **RADIO FREQUENCY FCC COMPLIANCE**

The FCC allows AT&T to operate in the 1850-1865 and 1895-1905 MHz “receive” frequencies and 1930-1945 and 1975-1985 MHz “transmit” frequencies. The power required to operate the facility typically does not exceed 200 watts per channel, and thus, the AT&T facility is by design a low-power system. Depending upon characteristics of the site, the actual power requirements may be reduced. When operational, the transmitted signals from the site will consist of non-ionizing waves typically generated significantly lower than the FCC standard for continuous public exposure of 900 microwatts per square centimeter.

## **LIMITATIONS OF CANISTER ANTENNAS**

Canister style stealth antennas are used by most wireless carriers including AT&T but only if no other solution can be found for the network deficiency being addressed. AT&T is much less likely than many other carriers to select the canister option due to the following reasons:

- The antenna orientations are fixed in a canister due to space limitations. The view from the top of the canister antenna has to look like a “Y” shape with each of the three sectors orientated 120 degrees apart from each other. Since a majority of new WCF’s are to solve very specific network deficiencies the required sectors are irregular meaning the orientation between sectors is not 120 degrees which cannot be accommodated by canister antennas. Irregular orientations are used to prevent the signal from excessive overlapping or overshooting adjacent sites which causes interference resulting in dropped or choppy calls or very slow data connections. These problems are sometimes impossible to fix with a regular orientation of the antennas.
- Canister antennas are typically used on power poles, flagpoles, traffic signal poles, and street light poles where the diameter of the pole is limited by the zoning ordinance or other design



criteria. This in turn constrains the diameter of the canister antenna as well as the number of coaxial cable that can be run inside the pole. The height/width/depth of antennas inside a canister must be smaller to achieve the desired appearance for the canister. This results in a lower quality antenna pattern and signal which degrades the performance. On the other hand, if the diameter of the canister antenna must be significantly greater to accommodate the correct antennas then the pole becomes much more massive or if the canister is significantly greater in diameter than the pole the result is a lollipop appearance. Both results contradict the appearance desired when using canister antennas.

The limitations described above tend to have a greater impact on AT&T than most other carriers because of the multiple technologies being supported by AT&T . For optimal performance each AT&T site will have 9 to 12 quad port antennas (four antennas with the appearance of one) with 24 to 36 coaxial cables. Each antenna is approximately 8’H X 12”W X 6”D. In order to meet the performance objective the canister would be 16’ high due to the need to double stack the antennas and be 30” in diameter. The resultant degradation in performance due to the loss of RAD center caused by double stacking as well as the loss of one or two antennas per sector results in degradation of performance usually causing the need for additional sites to achieve the needed network results.

- The limitations of canister antennas described above also handicaps the role out of new technologies. This causes serious problems, especially during transition times from one technology to another, which means old and new technologies will need to coexist for long periods of time. For example 4G technology scheduled to launch next year will have to coexist with 3G and 2G technology until all customers migrate and 4G has sufficient capacity to handle the migration. The problem is not only the number of antennas and ports, but also interference issues between technologies within ATT that are placed very close to each other in a very small space

**CIRCULATION SYSTEM**

No changes are proposed to the existing circulation system.

**COMMUNITY FACILITIES AND SERVICES**

No impact to local schools.

**PUBLIC UTILITIES AND SERVICES**

Electricity	200 - Amp service is required
Gas	N/A
Water	N/A
Refuse	N/A
Police	N/A – Unmanned facility
Fire	N/A – Site consists of metal equipment and electrical grounding



School	N/A
Urgent Care	N/A – Unmanned facility
Hospital	N/A – Unmanned facility

**OTHER INFORMATION AND COMMUNICATION FACILITIES AND SERVICES**

- No drainage report has been included with this application due to subject proposal being outside of the 100-year flood plain.
- No Traffic Impact Study is provided due to only one trip generation per month for routine maintenance. Technicians will apply for and receive a Right of Way permit for each needed occurrence.
- The Radio Frequency will operate in the FCC approved license frequency range.
- The use will not cause an adverse impact on adjacent properties.
- The site will be an unmanned facility.
- There will be no emissions of odor, dust, gas, noise, vibration, heat or glare at the level exceeding ambient.
- The subject will not contribute in measureable ways to deterioration of the area contributing to the lower of property values. In fact, the enhanced coverage and options available should help as an additional selling feature for any property owner within the general area.
- The communications facility will not result in conditions or circumstances contrary to the public health, safety and welfare.

The subject proposal will comply with all conditions pursuant to the City of Chandler Unified Development Manual Section 35-2209 Wireless Communication Facilities and any other applicable sections.

AT&T is excited about the opportunity to bring enhanced services to the Chandler area. As a result, residents and tourist will benefit from in the improved coverage and options available. The improvements will help to enhance E-911, County and Public communication services.

Please refer to the attached drawings for further additional information.

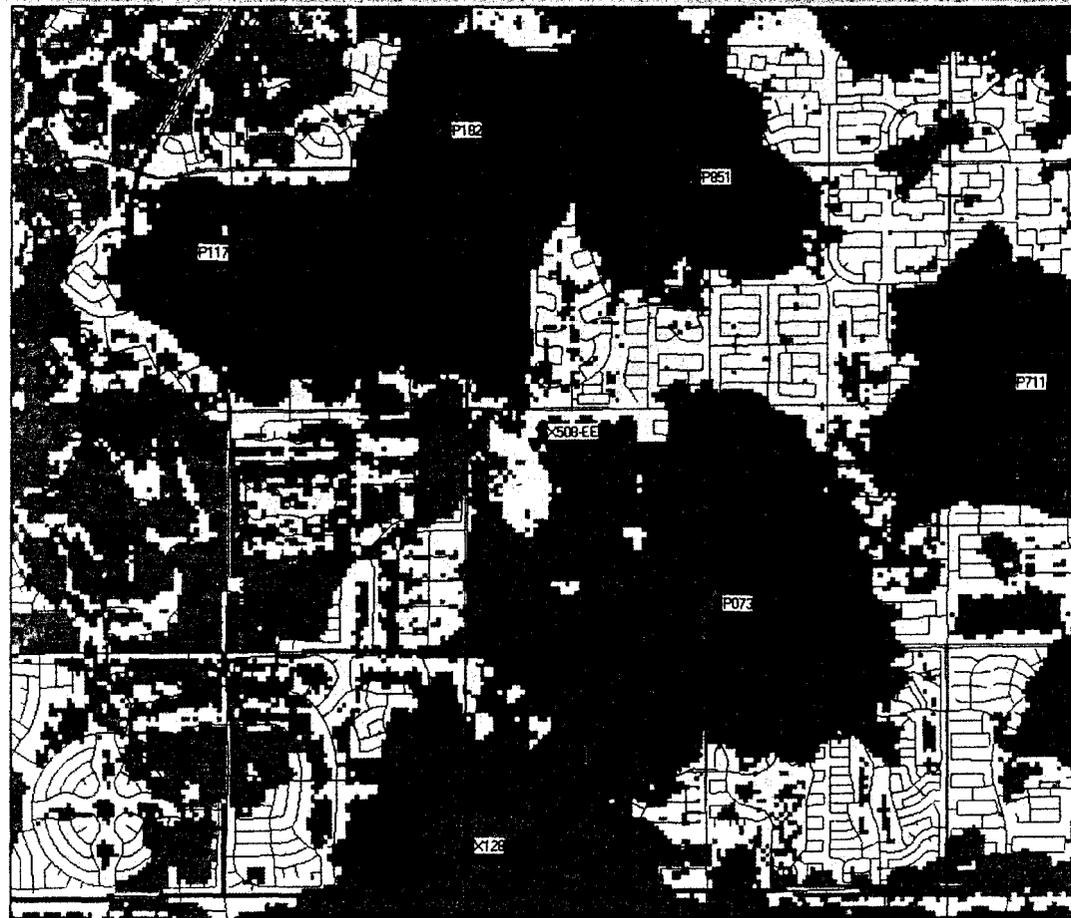
Sincerely,

Michelle Evans  
 602-277-7877 x233 or x201  
 mevans@fmgroup.net

# X508 Coverage

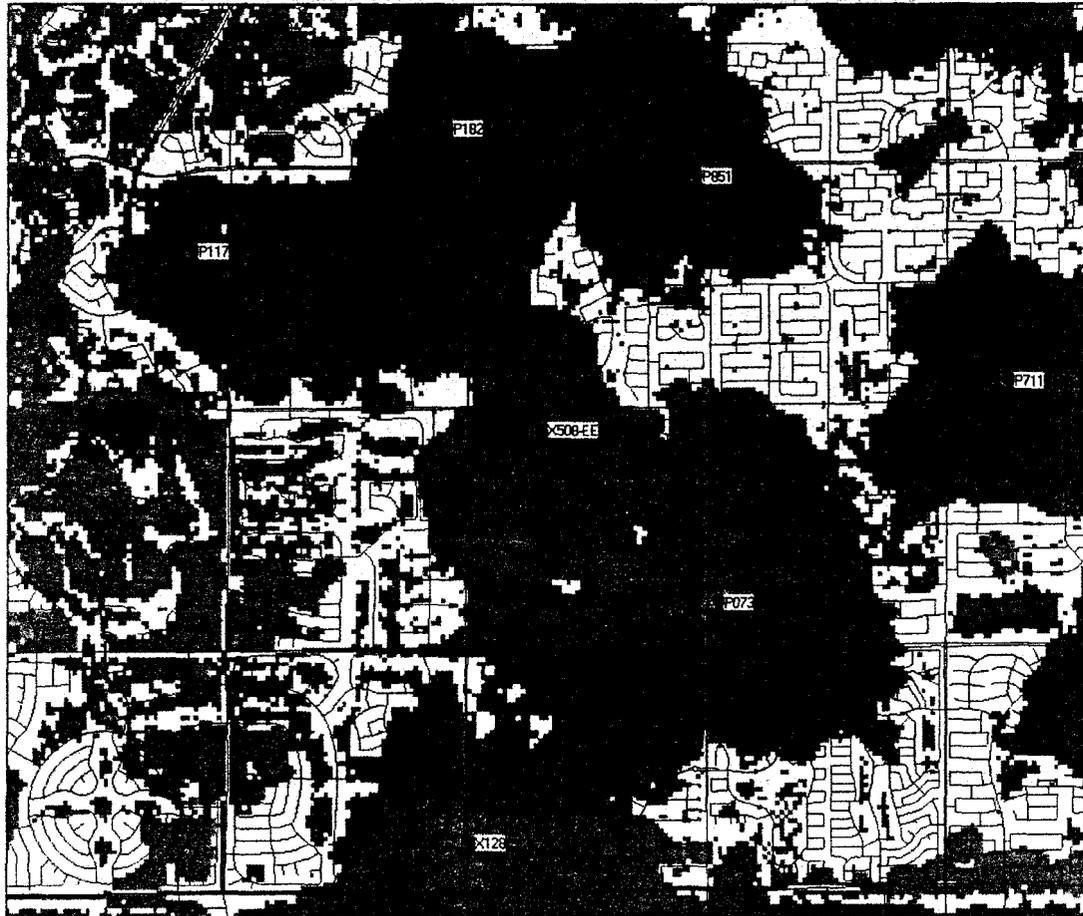


# Existing Coverage



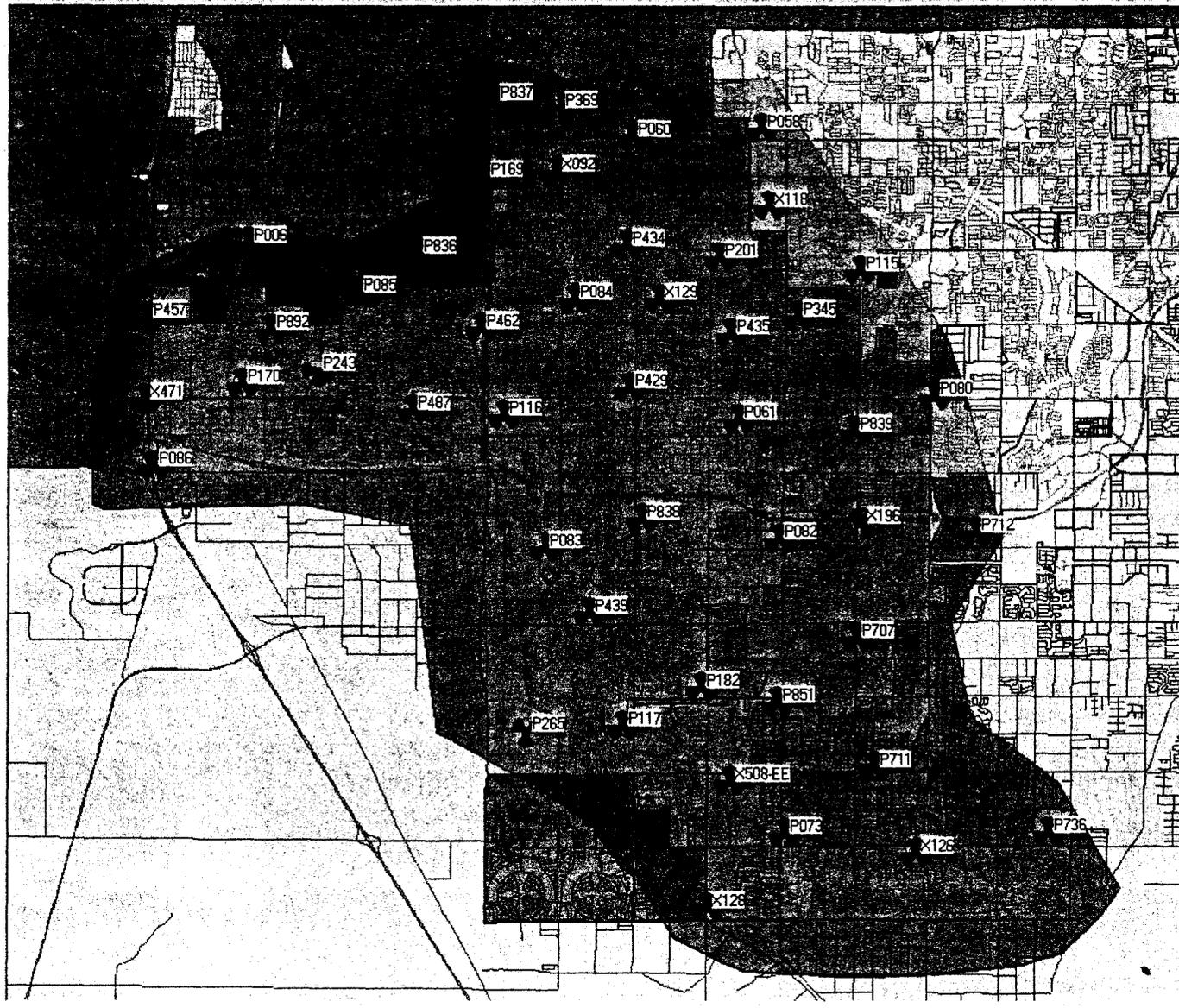
- Best Signal Level (dBm)  $\geq -85$
- Best Signal Level (dBm)  $\geq -95$
- Best Signal Level (dBm)  $\geq -100$
- Best Signal Level (dBm)  $\geq -103$
- Best Signal Level (dBm)  $\geq -105$
- Best Signal Level (dBm)  $\geq -115$

# Existing Coverage with X508



- Best Signal Level (dBm)  $\geq -85$
- Best Signal Level (dBm)  $\geq -95$
- Best Signal Level (dBm)  $\geq -100$
- Best Signal Level (dBm)  $\geq -103$
- Best Signal Level (dBm)  $\geq -105$
- Best Signal Level (dBm)  $\geq -115$

# Chandler Area Sites



# Chandler Site List

Site	Short ID	Type	Antenna RAD Center
AZPHU0006	P006	Monopole	79'
AZPHU0058	P058	Monopole	120'
AZPHU0060	P060	Monopole	75'
AZPHU0061	P061	Monopole	65'
AZPHU0073	P073	Monopole	98'
AZPHU0080	P080	Monopole	65'
AZPHU0082	P082	Monopole	69'
AZPHU0083	P083	Monopole	102'
AZPHU0084	P084	Light Standard	59'
AZPHU0085	P085	Monopole	65'
AZPHU0086	P086	Monopole	75'
AZPHU0115	P115	Roof Top	69'
AZPHU0116	P116	Monopole	82'
AZPHU0117	P117	Monopole	69'
AZPHU0169	P169	Power Pole	62'
AZPHU0170	P170	Monopole	98'
AZPHU0182	P182	Light Standard	66'
AZPHU0201	P201	Monopole	66'
AZPHU0243	P243	Roof Top	68'
AZPHU0265	P265	Monopole	58'
AZPHU0345	P345	Light Standard	48'
AZPHU0369	P369	Stealth Pole (canister)	57'
AZPHU0429	P429	Power Pole	45'
AZPHU0434	P434	Palm Tree	62'
AZPHU0435	P435	Monopole	75'
AZPHU0439	P439	Light Standard	67'
AZPHU0457	P457	Monopole	61'
AZPHU0462	P462	Roof Top	77'
AZPHU0487	P487	Power Pole	58'
AZPHU0707	P707	Power Pole	68'
AZPHU0711	P711	Monopole	65'
AZPHU0712	P712	Monopole	60'
AZPHU0736	P736	Light Standard	78'
AZPHU0836	P836	Palm Tree	53'
AZPHU0837	P837	Power Pole	70'
AZPHU0838	P838	Palm Tree	58'
AZPHU0839	P839	Light Standard	37'
AZPHU0851	P851	Monopole	52'
AZPHU0892	P892	Stealth Pole (canister)	47'
AZPHU6092	X092	Palm Tree	60'
AZPHU6118	X118	Light Standard	65'
AZPHU6126	X126	Palm Tree	60'
AZPHU6128	X128	Palm Tree	63'
AZPHU6129	X129	Palm Tree	63'
AZPHU6196	X196	Palm Tree	58'
AZPHU6471	X471	Pine Tree	52'

# AT&T SITE NO. X508EE - BEAR CREEK GOLF COURSE

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EXISTING CONDITIONS  
VIEW FROM SOUTH



**FM**  
GROUP INC  
PROJECT # 09-359  
DATE: 03.16.2011

# AT&T SITE NO. X508EE - BEAR CREEK GOLF COURSE

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NEW CONDITIONS  
VIEW FROM SOUTH



**EM**  
GROUP INC  
PROJECT # 09-359  
DATE: 03.16.2011

# AT&T SITE NO. X508EE - BEAR CREEK GOLF COURSE

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EXISTING CONDITIONS  
VIEW FROM WEST



GROUP INC.  
PROJECT # 09-359  
DATE: 03.16.2011

# AT&T SITE NO. X508EE - BEAR CREEK GOLF COURSE

---

NEW CONDITIONS  
VIEW FROM WEST



**FM**  
GROUP INC  
PROJECT # 09-359  
DATE: 03 16 2011

# AT&T SITE NO. X508EE - BEAR CREEK GOLF COURSE

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EXISTING CONDITIONS  
VIEW FROM NORTH



PROJECT # 09-359  
DATE: 03 16 2011

# AT&T SITE NO. X508EE - BEAR CREEK GOLF COURSE

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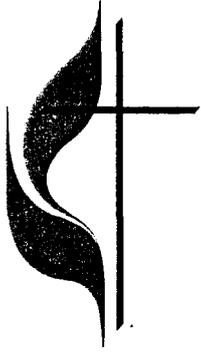


NEW CONDITIONS  
VIEW FROM NORTH



PROJECT # 09-359  
DATE: 03.16.2011





Chandler United Methodist Church  
450 East Chandler Heights Road  
Chandler, AZ 85249

480-963-3360  
www.chandlermethodist.org

RECEIVED

JUN 07 2011

CITY OF CHANDLER  
CITY CLERK

June 5, 2011

To Members of  
Chandler Planning and Zoning Commission,  
Chandler City Council,  
and Mayor Jay Tibshraeny,

Dear Kevin Mayor, Planning Manager,

AT&T should be allowed to construct a cell phone tower on the property of Chandler United Methodist Church at 450 East Chandler Heights Road, Chandler, AZ 85249.

Chandler United Methodist Church has been in Chandler since January 1913. We are Chandler's first Church, and we have a long history of community and state involvement and leadership by our members.

In the early 1990s, the City of Chandler proposed the downtown redevelopment project, of which our Church location was part. We didn't particularly wish to move, but we understood the advantages for the City that we do so. In 2005, the City of Chandler purchased our property, and with those funds we purchased land on Chandler Heights Road, just east of Arizona Avenue. In March 2008 our Church moved to our new location, after having been located for 95 years on Chandler Boulevard, on land that had been donated to us by Dr. A.J. Chandler.

Our Church now has a hefty mortgage payment of more than \$18,000.00 per month. Our financial situation, as with many churches, has been affected by the recent downturn in the economy, as evidenced in a recent article in *The Arizona Republic* on February 20, 2011.

When AT&T approached us in the summer of 2010 about the possibility of locating a cell phone tower on our property, we carefully considered all the pros and cons of a possible agreement. We reviewed perceived health concerns, the impact to our neighbors, the aesthetic appearance of a tower, and we sought input from our members. After much prayer, reflection, and deliberation, we agreed to allow the structure on our property.

At a meeting of the Planning and Zoning Commission last fall, there were objections made by some nearby homeowners. We then agreed for the tower to be moved further from the original proposed location. We would never intentionally do anything that would endanger our neighbors or upset them. Our mission is to Connect People to Jesus Christ, and our members and friends strive to be good neighbors to everyone.

We are disappointed to hear that the process for the tower on our Church property has been put on hold, as it appears that the City of Chandler is pursuing the tower be erected across the street to our south on City property.

We respectfully request that you allow AT&T to construct their cell phone tower on our Church property on Chandler Heights Road. The income from the tower would be very beneficial to the financial health of our struggling congregation.

Members and Friends of  
Chandler United Methodist Church

Connecting People to Jesus Christ  
Sharing the Light of Hope  
Since 1913

Chandler United Methodist Church members have served and contributed to our community for more than 98 years.

\*Members of Chandler United Methodist Church have been leaders in our State, in our wonderful City, and in our surrounding communities. Our members have served, and are members of, several civic organizations including:

Rotary

Kiwanis

Lions Club

Girl Scouts of America

Boy Scouts of America

Chandler Service Club

PEO

National Charity League, Inc.

Desert Cancer Foundation of Arizona

Chandler/Gilbert Family YMCA

Soroptimist International of the San Tans

Arizona Foundation for Women

Toastmasters

Chandler Chamber of Commerce,

to name but a few.

\*Some of our members have been instrumental in the establishment of the first library in Chandler

Chandler Christian Community Center

Chandler CARE Center

Chandler Center for the Arts

Chandler Regional Hospital

\*Our members have served in prominent roles as

Arizona State Senator

Arizona State House of Representative member

elected officials of the Governing Board of Chandler Unified School District

assistant Police Chief of Chandler Police Department

\*There are two schools in Chandler named after our members.

\*City streets are named after our members.

Name Sue Matthews

Address 1615 W Nopal Ct Chandler 85224

Name Jeanne Embree

Address 9508 E Regis Rd Sun Lake 85148

Name Joan L Patten

Address 1090 W Kingbird Dr Chandler 85286

Name Don L Yancy

Address 1090 W Kinbird Dr Chandler AZ 85286

Name Poling Cheryl

Address 473 N. Neuman Pl. Chandler Az.

Name Vicki Lynn Cepeda

Address 80 S. Pinerwood Pl Chandler AZ

Name

Jenice M. Schapbach

Address

10425 E Regal, Sun Lakes, Az 85248

Name

Bill Schupbach

Address

10425 E Regal Dr. Sun Lakes, AZ 85248

Name

Patsy Bullard

Address

165 W Doral St Chandler 85223

Name

Katherine Burt

Address

26418 S Eastlake, Sun Lakes 85248

Name

Wilma Ellis

Address

1961 N. Hartford St. unit 1038 Chandler, AZ 85225

Name

Walter Cantrell

Address

9508 Rains Road Sun Lakes AZ

Name Beth Herbert

Address

PO Box 9124, Chandler Hts, AZ 85127

Name Catalina M. Cepeda

Address

80 S. Puersted Pl. 85226 AZ

Name Margaret & Sam Moad

Address

Name POLINA CHANG

Address

423 N. NEUMAN PL, CHANDLER

Name

Chap S. Kp Alexander G. Knox

Address

881 N. Oxford Ln, Chandler, AZ 85225

Name

Robert Lindsey

Address

2413 W. Brooks St. Chandler 85224

Name Myra Linder

Address 2413 W Brooks St. Chandler

Name Jack & Annie Hoff

Address 10405 E. Windflower Ct. San Luis

Name John & Sharon Melvin

Address 6603 S. Luce Dr Chandler

Name Dan & Jan

Address 1704 E August Ave Chandler

Name Michele Rague

Address 1291 W. Bartlett Way Chandler, Az. 85248

Name Keith & Claire Jacobski

Address 882 W Aster Dr, Chandler AZ 85248

Name Carol Venberg CAROL Venberg

Address 440 W. Jasper Dr, Chandler, AZ 85225

Name Betty Smith Betty Smith

Address 377 N. Chippewa Pl. Apt A Chandler, AZ 85224

Name Marguerite E. Slego

Address 580 S. Albert Rd #117, Gilbert, AZ 85296

Name Bernice Roth Theodore B Roth

Address 1823 E. Augusta Ave, Chandler, AZ 85249

Name Marguerite Ivers

Address 30610 N. Cord Bean Dr, San Tan Valley, AZ 85143

Name Beverly Crowder Beverly Crowell

Address 1076 East Carol Dr. Chandler 85286

Name Bernie Edgeman

Address 8437 Congress, Chandler

Name Dee Ann Campbell

Address 2928 E. Teakwood Pl

Name Lynn Gregory & Steve Gregory

Address 4214 E. Cherry Hills Dr. Chandler

Name Buri Wijesuriya

Address 2833 W. Jasper Dr. Chandler AZ 85224

Name Shirley Mathew

Address 770 W. Oriole Way Chandler 85286

Name Titus Mathew

Address 770 W. Oriole Way Chandler 85286

Name

Address

Name

Address

Name

Address

Name

Address

Name

Address

Name

Address

John J. ...

11000 E. ...

Keri Coon

6358 S. Pinaleno Place, Chandler, AZ 85249

James Sassaman

19105 E. Ocotillo Rd, Q.C., AZ, 85141

Aunt MacFadden

2652 E. Villa Park Ct, Gilbert, AZ

Sue Soreman

19105 E. Ocotillo Rd, Q.C. 85142

Norman L. Kutz Barbara Kutz

820 W. Tupper St., Chandler 85225

Name Ann Scott

Address

3104 E Broadway Rd Mesa # 49

Name Denise Sapp

Address

9234 S. Heather Dr. Tempe AZ 85286

Name Jim Sapp

Address

9234 S. Heather Dr Tempe AZ 85286

Name Douglas Lee Donna Jean Their

Address

1704 E August Ave Chandler AZ 85249

Name James F. Arnold, CPA James L. Smith

Address

2067 E. Libra Place Chandler, AZ 85249

Name James T. Logan JAMES T. LOGAN

Address

900 E RIVIERA PLACE CHANDLER, AZ 85249

Name Pamela Calhoun

Address 10425 E Regal Dr  
Sun Lakes, AZ 85248

Name Kate Calhoun

Address 622 Circle Cove  
Lenni PA 829043

Name Remy G. Remick, MD  
9213 E. CRYSTAL DR CHANDLER AZ 85248

Address Adam Ivers

Name Adam Ivers

Address 20610 N. Grand Blvd  
SANTO VALLEY 20140

Name Martha Remick

Address 9213 E Crystal Dr,  
Sun Lake AZ 85248

Name Lyle Custell

Address 439 W. Ironwood Dr  
Chandler AZ 85225

Name Ravi Chandel

Address 770 W Osido Way  
Chandler Az 85286

Name Renu Chandel

Address 770 W Osido Way  
Chandler Az 85286

Name Harlan & Sandra (Mrs) (Wife)

Address 1844 W. Hawk Way  
Chandler, Az 85286

Name Audrey S Ryan

Address 2300 So Arizona Ave  
Chandler, AZ 85286

Name Bob M E Cantney

Address 1445 S. Silverado St., Az 85296

Name Bob Wean

Address 2645 S. LAKEWOOD DR, TEMPE, AZ 85282

Name

Gwen Rusk

Gwen Rusk

Address

2210 E. Virgo Pl, Chandler, AZ 85249

Name

Address

Name

Address

Name

Address

Name

Address

Name

Address