

Staff Summary Report



Hearing Officer Hearing Date: 3/20/12

Agenda Item Number: _____

SUBJECT: This is a public hearing for a request by **ATC GUADALUPE - CRICKET COMMUNICATIONS - PHX 232 (PL110405)** located at 735 West Carver Road for:

DOCUMENT NAME: HOr_ATCGuadalupe_032012

PLANNED DEVELOPMENT (0406)

COMMENTS: Hold a public hearing for a request by **ATC GUADALUPE - CRICKET COMMUNICATIONS - PHX 232 (PL110405)** (Doug Kearney, applicant; City of Tempe, property owner) located at 735 West Carver Road in the GID, General Industrial and SWOD, Southwest Overlay Districts for:

ZUP11108 Use Permit to increase the height of an existing monopole from 85 ft. to 95 ft.

PREPARED BY: Sherri Lesser (480-350-8486)

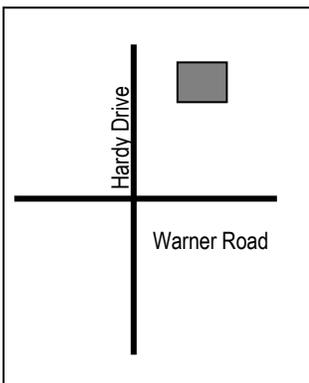
REVIEWED BY: Steve Abrahamson, Planning & Zoning Coordinator (480-350-8359)

LEGAL REVIEW BY: N/A

FISCAL NOTE: N/A

RECOMMENDATION: Staff – Approval

ADDITIONAL INFO: The applicant, ATC Guadalupe-Cricket Communication, is requesting a Use Permit to allow the height extension of an existing monopole from 85' to 95' to install three (3) antennas, on an existing monopole in the GID/SWOD, General Industrial District/Southwest Tempe Overlay District. The site is located at 735 West Carver Road. Staff is recommending approval of the request subject to conditions. To date there has been no public input received by staff.



PAGES:

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

ATTACHMENTS:

1. Location Map(s)
2. Aerial Photo(s)
3. Letter of Intent
4. Cricket Title Page
5. Site plan & Enlarged Site
6. Elevation
7. Photo Simulations

COMMENTS:

The applicant, Cricket Communication, is requesting a Use Permit to modify its existing telecommunications facility for a height extension from 85' to 95' and to install three (3) antennas, one (1) per sector, on an existing monopole in the GID/SWOD, General Industrial District/Southwest Tempe Overlay District. The site is located at 735 West Carver Road. The new antennas are intended to provide Cricket customers with wireless broadband internet service. Staff recommends approval of the request as submitted with conditions.

Use Permit

The Zoning and Development Code requires a Use Permit for a wireless telecommunications antenna in all zoning districts including the GID, General Industrial 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 additional wireless antennas; there should be no nuisances.
- c. Compatibility with existing surrounding structures and uses;
 - The proposed use appears to be compatible with surrounding uses. The proposed antennas will be painted to match the existing antennas.
- d. 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.
 - There is no evidence that supports a downgrading of surrounding property values. The tower or monopole exists today and has not been proven a detriment to the surrounding neighborhood.
- 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 should not attract disruptive behaviors.

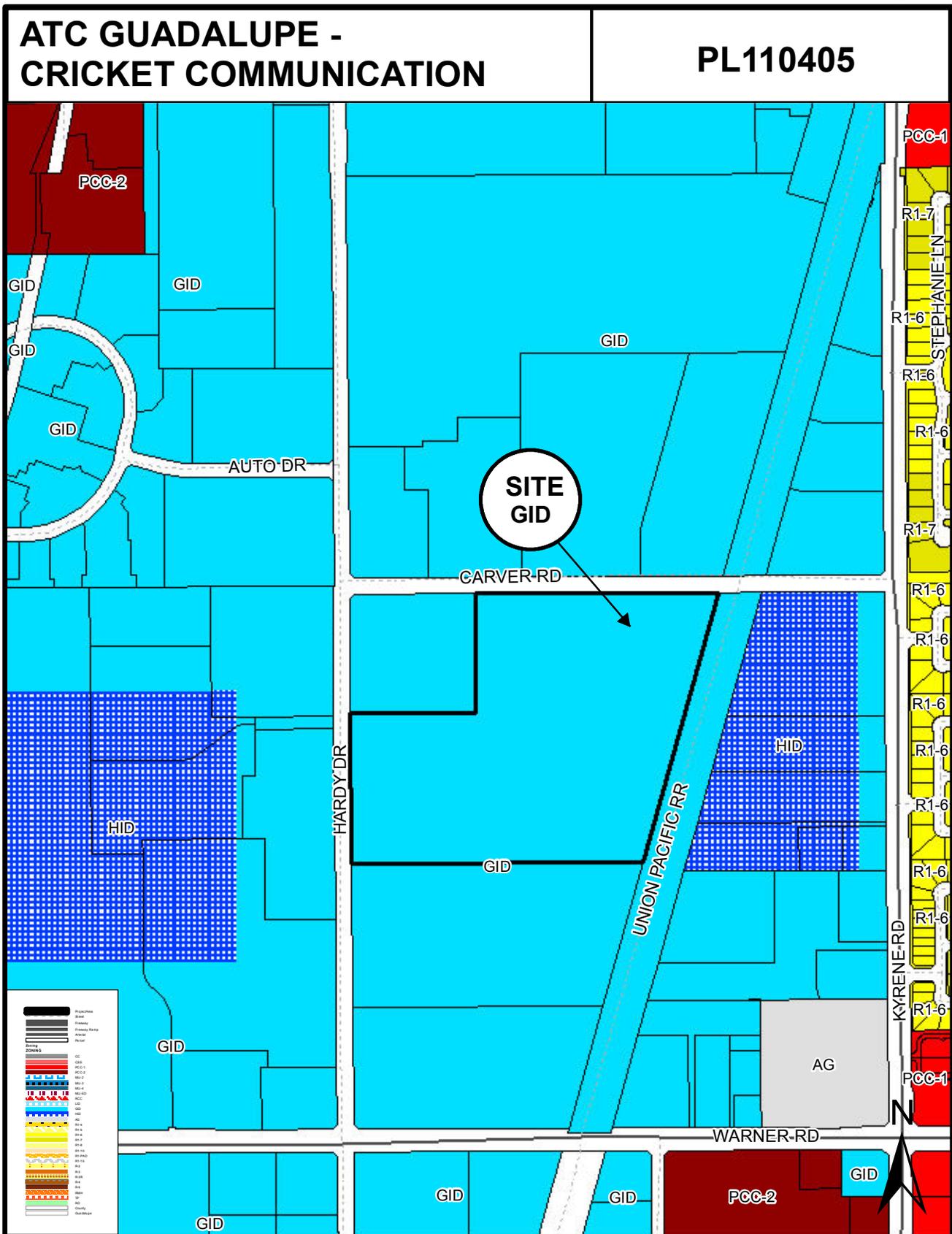
Conclusion

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.

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



Location Map



ATC GUADALUPE - CRICKET COMMUNICATIONS (PL110405)

Letter of Intent

Request- Wireless Communications Facility (WCF) Use Permit Application for Cricket Communications collocation.

Location: 735 W Carver Rd.
Zone: Industrial
Tower Site Number Cricket site Phx-232/American Tower site# 300506
Contact Doug Kearney
American Tower
PO Box 2467
Prescott, AZ 86302
Tel: 714-875-6972
Doug.Kearney@americantower.com

Proposal- Cricket Communications is requesting approval of a Use permit to modify an existing 80 foot monopole located at 735 W Carver Rd at the north east corner of the Tempe Sports Complex. . Cricket is proposing to increase the tower height by 15 feet. This will allow Cricket to install three antennas at 95 feet. The ground based equipment cabinets will be added to the existing lease area. The existing facility is un-staffed and operates 24/7. Technicians will visit the site periodically for maintenance purposes. The proposed Cricket collocation will not change the current operations. The proposed Cricket collocation-

- Will not cause any significant vehicular or pedestrian traffic in adjacent areas, because the facility is un-staffed
- Will not cause any nuisance (odor, dust, gas, noise, vibration, smoke, heat or glare, etc.) exceeding that of ambient conditions.
- Will not contribute to the deterioration of the neighborhood or be in conflict with the goals, objectives and policies of the City. The current pole and proposed height extension is compatible with the existing surrounding structures and uses. The monopole is surrounded by industrial uses and is also adjacent power poles and rail road tracks. The closest residential is to the east and that is located more than 2,000 feet away from the pole. Existing trees screen the pole.
- The proposed Cricket collocation will not result in any disruptive behavior which may create a nuisance to the surrounding area or general public. The proposed collocation benefits the community by improving coverage and adding another carrier for the public's wireless use.

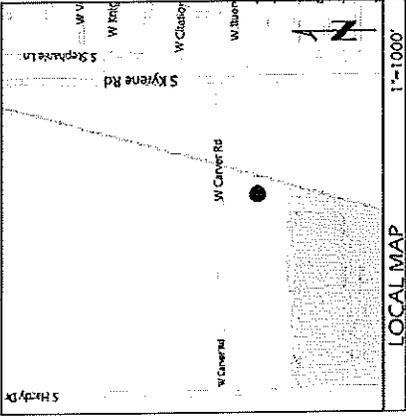
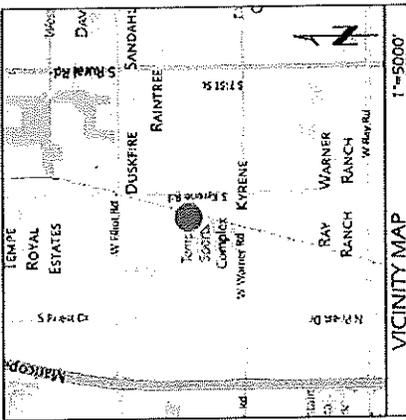
cricket communications, inc

SITE NAME:
PHX-232

SITE NUMBER:
PHX-232

ATC SITE NUMBER:
300506

NEW EQUIPMENT AND NEW ANTENNAS ON AN EXISTING 80 FT ANDREW MONOPOLE WITH 15 FT EXTENSION



THIS FACILITY SHALL MEET OR EXCEED ALL FAA AND REGULATORY REQUIREMENTS.

ARCHITECT: AMERICAN TOWER CORPORATION 198 LEAND DRIVE, SUITE A WILMINGTON, MA 01897 PHONE: (617) 265-6705 FAX: (617) 265-6291 CONTACT: JAMES JUSTICE A/E/C MANAGER	APPLICANT: CRICKET COMMUNICATIONS, INC. 1027 PACIFIC CENTER DR SAN DIEGO, CA 92121	ZONING & BUILDING PERMIT: BUILDING PERMIT CONTACT/AGENT: BILL MCLEWANE PHONE: (612) 867-5637	LANDLORD: AMERICAN TOWER CORPORATION 100 CENTRAL WAY WILMINGTON, MA 01801 PHONE: (781) 924-6500 FAX: (781) 924-6555	GROUND OWNER: CITY OF TEMPE, AZ (ACCOUNTING DEPT.) 1000 W. WASHINGTON AVENUE TEMPE, AZ 85286-2002	ELECTRIC: SFP PHONE: (602) 236-8833	TELCO: SFP PHONE: (602) 344-2001
--	--	--	---	---	--	---

ATC SITE NAME: GUADALUPE AZ 6	SITE ADDRESS: 735 WEST CARNER ROAD TEMPE, AZ 85284	MARKOPIA COUNTY	PARCEL ID: SECTION 165 TOWNSHIP 1 ZONING JURISDICTIONS: CITY OF TEMPE ZONING CLASSIFICATION: CITY PROPERTY	LAT: 33° 20' 27.7" N LONG: 111° 56' 56" W	GROUND ELEVATION: 1197' AML	USE: TELECOMMUNICATION FACILITY	BUILDING CODE & STANDARDS: 2006 INTERNATIONAL BUILDING CODE	EXISTING TOWER WITH NEW ANTENNAS ARE ADEQUATELY DESIGNED TO RESIST WIND LOADS IN ACCORDANCE WITH TIA/EIA-222-C. AS REQUIRED BY ORCS 3108.	TELECOMMUNICATIONS INDUSTRY ASSOCIATION ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES.	PROJECT NOTES: 1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SENSITIVE SEWER PORTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED.
---	---	------------------------	---	--	------------------------------------	--	---	--	---	--

CRICKET R.F. MAP: FAUSTO SANCHEZ EMAIL AND PHONE:	CRICKET NETWR: VIGOR GIBSON EMAIL AND PHONE:	CRICKET CONST.: SHAWN GOETTSCHE EMAIL AND PHONE:	CRICKET SITE DEV. MGR.: LEA KELLY EMAIL AND PHONE:	PROPERTY OWNER: GONZALEZ EMAIL AND PHONE:	PLANNING: EDGILL PRINZ EMAIL AND PHONE:	THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.	DRIVING DIRECTIONS: START OUT GOING NORTH ON S AIRPORT BLVD TOWARDS E RAY RD BY TURNING RIGHT 0.5 MILES (0.7 MI) 2. TURN LEFT ONTO E CARMER RD. 0.5 MILES (0.6 MI) 3. TURN RIGHT ONTO S MCQUEEN RD. 3.0 MILES (3.9 MI) 4. TURN LEFT ONTO E RAY RD. 4.0 MILES (4.7 MI) 5. TURN RIGHT ONTO N RUAL RD. 0.5 MILES (0.4 MI) 6. TURN LEFT ONTO S RUAL RD. BECOMES S RUAL RD. 1.2 MILES (1.0 MI) 7. TURN RIGHT ONTO E CARNER RD. 0.2 MILES (0.3 MI)
--	---	---	---	--	--	--	--

PROJECT DESCRIPTION				
THE PROPOSED PROJECT INCLUDES: ATTACHED BY NEW ANTENNAS TO FACI OF TOWER 95 INSTALL NEW EQUIPMENT PLATFORM. INSTALL POWER AND TELCO UTILITIES. INSTALL NEW GROUNDING SYSTEM.				
DRAWING INDEX				
SHEET	SHEET TITLE	REV	DATE	BY
T-1	TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION	0	11-17-2011	AD
A-1	ENLARGED SITE PLAN	0	11-17-2011	AD
A-2	TOWER ELEVATIONS AND COAX CONFIGURATION DETAILS	0	11-17-2011	AD
A-3	EQUIPMENT LAYOUT AND GFS DETAIL	0	11-17-2011	AD
A-4	ANTENNA MOUNT DETAILS	0	11-17-2011	AD
A-5	POWER AND TELCO LAYOUT	0	11-17-2011	AD
A-6	COAX AND ANTENNA DETAILS	0	11-17-2011	AD
EN-1	ELECTRICAL NOTES	0	11-17-2011	AD
E-1	ELECTRICAL DETAILS	0	11-17-2011	AD
G-1	GROUNDING PLAN AND NOTES	0	11-17-2011	AD
G-2	GROUNDING DETAILS	0	11-17-2011	AD
GN-1	GENERAL NOTES 1	0	11-17-2011	AD
GN-2	GENERAL NOTES 2	0	11-17-2011	AD
GN-3	GENERAL NOTES 3	0	11-17-2011	AD
CRICKET NATIONAL Q&V GENERAL DRAWING SUPPLEMENT			Copyright © 2011 American Tower Corporation. All rights reserved.	
DO NOT SCALE DRAWINGS			CONTRACTOR SHALL VERIFY ALL PLANS & SHIPPING DIMENSIONS & CONDITIONS BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.	

THIS FACILITY SHALL MEET OR EXCEED ALL FAA AND REGULATORY REQUIREMENTS.

AMERICAN TOWER CORPORATION
8555 FREDERICK PARKWAY
IRVING, TX 75063
(972) 994-8000 Tel.
(972) 994-8000 Fax
www.american-tower.com

CUSTOMER SITE NUMBER:
PHX-232

CUSTOMER SITE NAME:
PHX-232

ATC SITE NUMBER:
300506

SITE ADDRESS:
735 WEST CARNER ROAD
TEMPE, AZ 85284-113

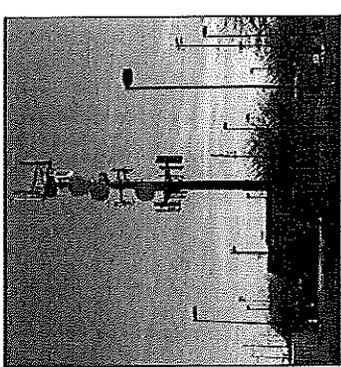
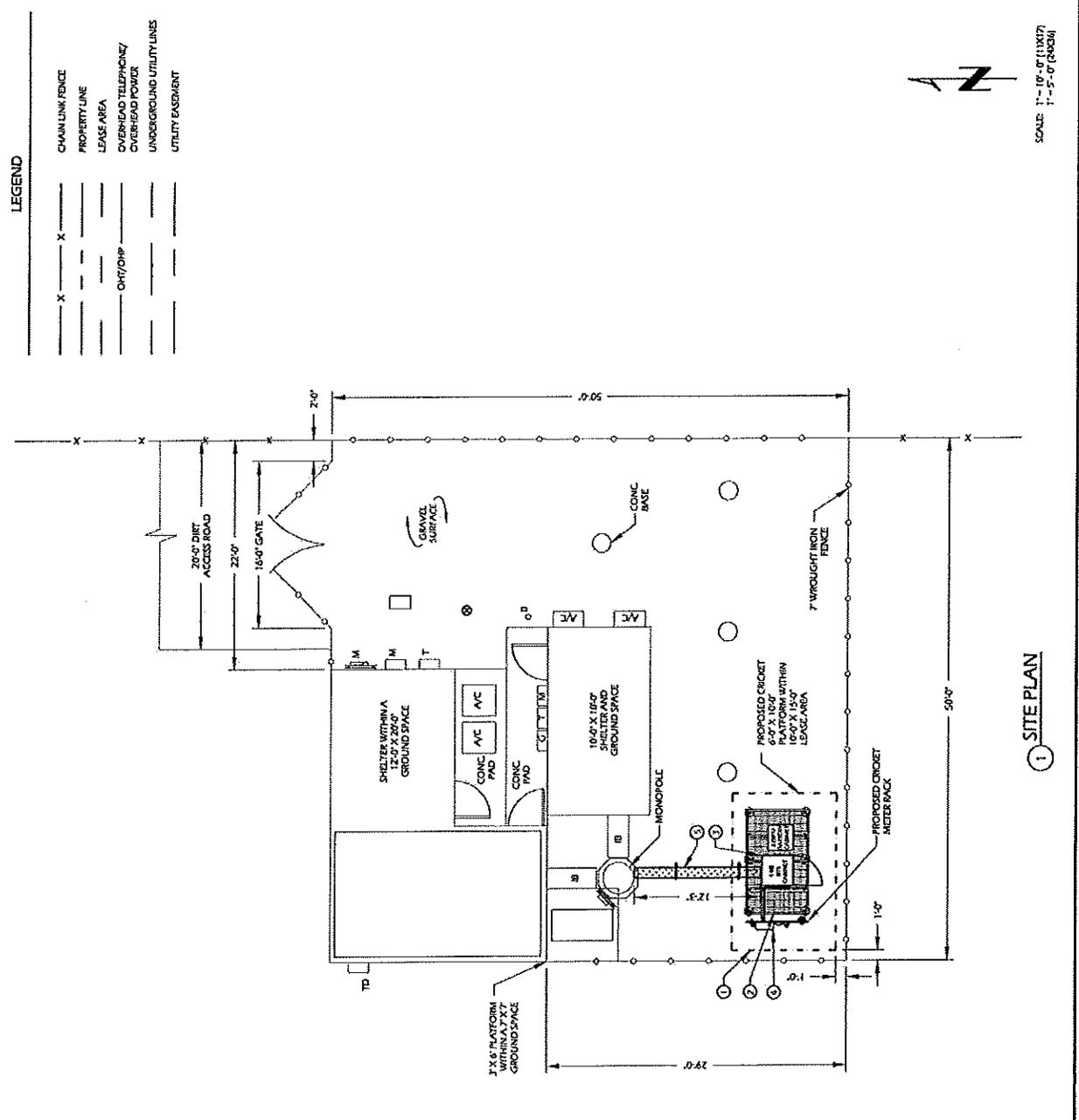
EXP 3 / 31 / 12

TITLE SHEET,
VICINITY MAP
AND GENERAL
INFORMATION

SHEET NUMBER:
T-1

REV.#:
0

 comman@cricket.net	THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS SHALL BE CONSIDERED TO BE THE SOLE AGREEMENT BETWEEN THE CLIENT AND THE CONSULTANT. THE CONSULTANT SHALL BE RESPONSIBLE TO THE CLIENT FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE CONSULTANT. THE CONSULTANT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CLIENT. THE CONSULTANT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY ANY OTHER PARTY. THE CONSULTANT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY ANY OTHER PARTY. THE CONSULTANT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY ANY OTHER PARTY.	 AMERICAN TOWER STRUCTURAL ENGINEERING 1805 FIREPOINT PARKWAY SUITE 110 IRVING, TX 75039 (972) 291-8900 FAX (972) 291-8901	CUSTOMER SITE NUMBER: PHX-232	CUSTOMER SITE NAME: PHX-232	ATC SITE NUMBER: 300506	SITE ADDRESS: 735 WYATT ROAD TEMPE, AZ 85281-2113	 DATE SIGNED:	STRAP MARK: DRAWN BY: AD	CHECKED BY: SK	DATE DRAWN: 1/13/2011	SHEET TITLE: ENLARGED SITE PLAN	REV.# 0
			EXP 3/3/12	SHEET NUMBER: A-1								



COMPOUND VIEW

- CIVIL LEGEND:**
- ① PROPOSED CRICKET 10'-0" X 15'-0" LEASE AREA
 - ② PROPOSED CRICKET 6'-0" X 10'-0" PLATFORM
 - ③ PROPOSED CRICKET BTS CABINET
 - ④ PROPOSED CRICKET PDC/TPC CABINET ON 6'-0" H-FRAME
 - ⑤ PROPOSED CRICKET 1'-0" X 1'-3" ICEBRIDGE

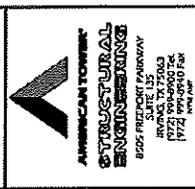
FINAL POWER AND TELCO ROUTING TO BE DETERMINED BY FIELD AND APPROVED BY AUC SITE SUPERVISOR

1 SITE PLAN

SCALE: 1"=10'-0" (1:125)
1"=5'-0" (1:62.5)



THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS SHALL BE CONSIDERED TO BE THE SOLE AND EXCLUSIVE PROPERTY OF AMERICAN TOWER STRATEGICAL ENGINEERING, INC. NO REPRODUCTION OR TRANSMISSION OF ANY KIND IS PERMITTED WITHOUT THE WRITTEN PERMISSION OF AMERICAN TOWER STRATEGICAL ENGINEERING, INC. THESE DRAWINGS AND/OR SPECIFICATIONS SHALL BE KEPT IN THE ORIGINAL FILE WITH THE AMERICAN TOWER ENGINEERING DEPARTMENT. ANY CHANGES TO THESE DRAWINGS SHALL BE APPROVED BY THE PROJECT MANAGER AND THE AMERICAN TOWER ENGINEERING DEPARTMENT.



AMERICAN TOWER
STRATEGICAL
ENGINEERING
8225 FREEDOM PARKWAY
SUITE 135
IRVING, TEXAS 75039
TEL: 972-992-9074
FAX: 972-992-9076

CUSTOMER SITE NUMBER:
PHX-232

CUSTOMER SITE NAME:
PHX-232

ATC SITE NUMBER:
300506

SITE ADDRESS:
175 WEST CENTER ROAD
TAMPA, FL 33613-1131



Stamp: 3/31/12

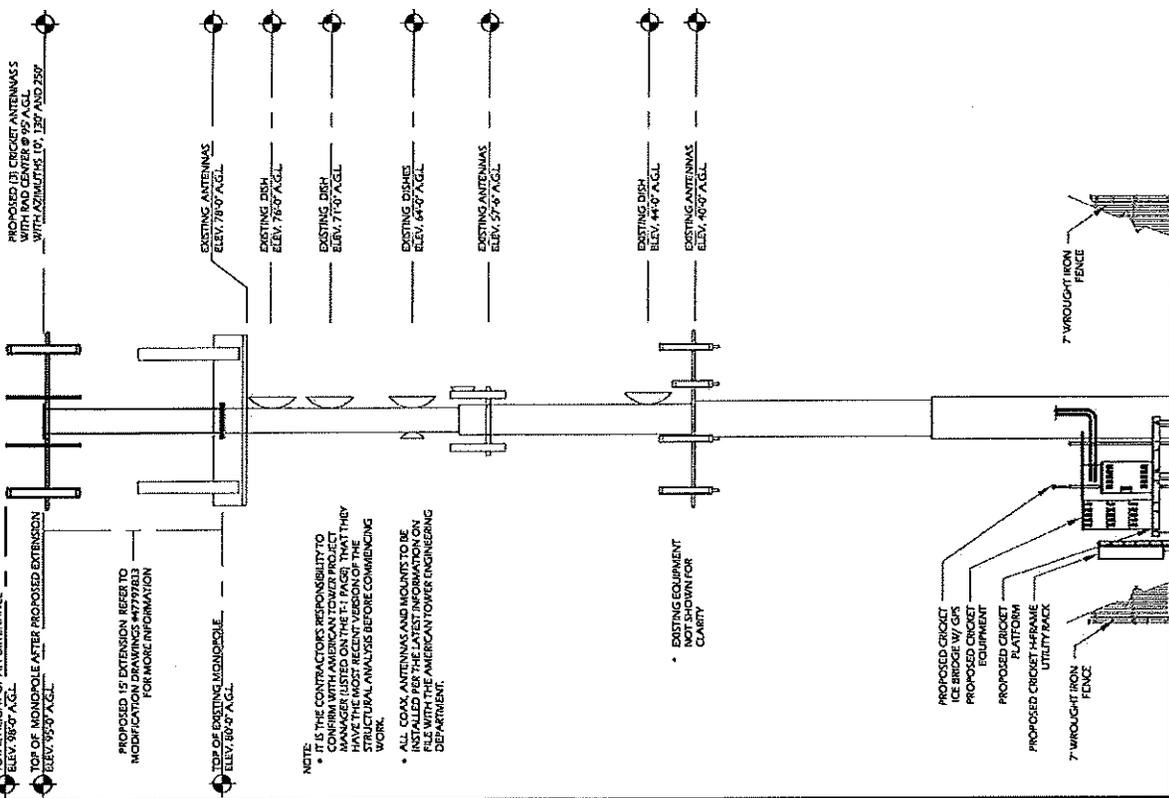
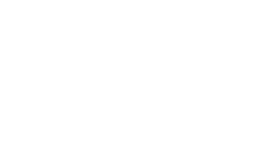
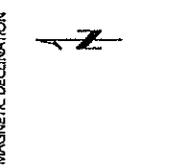
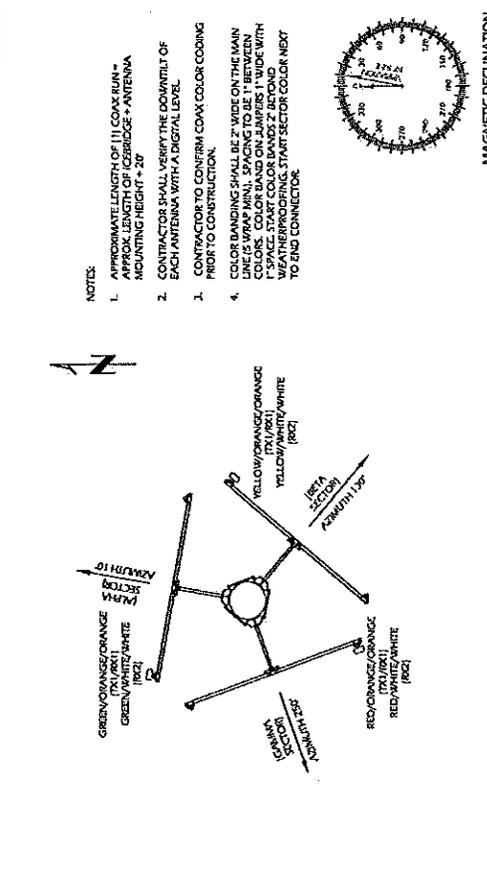
STAMP NO.	AD
DATE	3/31/12
PROJECT	PHX-232
DATE DRAWN	11/12/2011
DESIGNER	AP/PHX
CHECKED	AP/PHX
DATE CHECKED	11/12/2011
PROJECT	PHX-232

SHEET TITLE:
TOWER ELEVATION AND COAX CONFIGURATION DETAILS

SHEET NUMBER	A-2
REV.#	0

RF CONFIGURATION (VERSION 1 DATED 1/28/08)

INDICANT	TYPE	COLOR CODE	ANTENNA MOBILE CENTER	RAD CENTER	DOWNWIND (FEET)	UPWIND (FEET)	TOP JUMPER LENGTH (FT)	ANTENNA LENGTH (FT)	TYPE	CABLE LENGTH (FT)
A	MID	RED/WHITE	HB-KAW-1945-00T	95'	0	5	10'	6'	7/8"	127'-0"
B	MID	RED/WHITE	N/A	-	-	-	-	-	-	SEE NOTE 1
A	MID	RED/WHITE	HB-KAW-1945-00T	95'	0	5	130'	6'	7/8"	127'-0"
B	MID	RED/WHITE	N/A	-	-	-	-	-	-	SEE NOTE 1
A	MID	RED/WHITE	HB-KAW-1945-00T	95'	0	5	250'	6'	7/8"	127'-0"
B	MID	RED/WHITE	N/A	-	-	-	-	-	-	SEE NOTE 1



NOTE:

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH AMERICAN TOWER PROJECT MANAGER LISTED ON THE T-1 PAGE, THAT THEY HAVE REVIEWED THESE DRAWINGS FOR ANY STRUCTURAL ANALYSIS BEFORE COMMENCING WORK.
- ALL COAX ANTENNAS AND MOUNTS TO BE INSTALLED PER THE LATEST INFORMATION ON FILE WITH THE AMERICAN TOWER ENGINEERING DEPARTMENT.

