Staff Summary Report

Tempe

Hearing Officer Hearing Date: 04/05/11 Agenda Item Number: 4

SUBJECT: This is a public hearing for a request by CRICKET WIRELESS located at 4640 South Ash Avenue for one (1) use permit.

DOCUMENT NAME: 20110405cdng02 PLANNED DEVELOPMENT (0406)

COMMENTS: Request by CRICKET WIRELESS COMMUNICATIONS (PL110111) (Scott Quinn/Quinn United Enterprises, applicant; R C Cabinets Inc., property owner) located at 4640 South Ash Avenue in the GID, General Industrial District for:

ZUP11020 Use permit to increase the height of an existing monopole from 40 ft to 60 ft to allow co-location of wireless antenna.

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

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

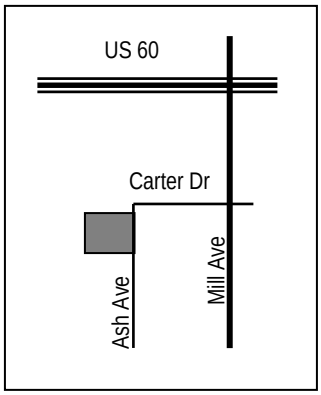
LEGAL REVIEW BY: N/A

DEPARTMENT REVIEW BY: Steve Abrahamson, Planning & Zoning Coordinator (480-350-8359) AEA

FISCAL NOTE: There is no fiscal impact to City funds.

RECOMMENDATION: Staff – Approval, subject to conditions

ADDITIONAL INFO: The applicant is requesting a use permit to increase the height of an existing monopole from forty (40) feet to sixty (60) feet to allow co-location of wireless antennas. The property is located at 4640 South Ash Avenue in the GID, General Industrial District. Staff is in support of the request. To date, no public input has been received regarding this request.



PAGES:

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

ATTACHMENTS:

1. Location Map
2. Aerial Photo
3-6. Letter of Intent
7. Wireless Communication Zoning Map
8-9. Applicant Photos
10. Title Sheet
11. Site Survey
12. Site Plan
13. Enlarged Site and Dimension Plan
14. Elevations
15. Staff Photograph

COMMENTS:

The applicant, Cricket Wireless, is requesting a use permit to increase the height of an existing monopole from forty (40) feet to sixty (60) feet to allow co-location of wireless antennas. The property is located at 4640 South Ash Avenue in the GID, General Industrial District. The site currently has an existing office/warehouse building. The existing monopole is located at the southwest corner of the lot. The additional equipment associated with the expansion will be placed within the existing concrete masonry unit (CMU) compound. The existing monopole currently has only one (1) carrier; Cricket would be the second carrier. However, in July of 2010 Clearwire was also approved on this monopole at the fifty-five (55) foot height level for co-location of wireless antennas as well. Staff is supportive of the proposed expansion to a height of sixty (60) feet.

Staff notes that in January of 2002 a building permit was submitted for the repair of a caisson footing to the existing monopole in order to increase the height of the tower to 65'-0". At that time though, proper inspections were never completed and the building permit has since expired. The once proposed height of 65'-0" was never approved. Today, in order to increase the height of the tower, a new building permit would have to be applied for and issued for the installation of a brand new tower at the proposed height of 60'-0".

The applicant's proposal is to co-locate on an existing site, therefore minimizing the impact on nearby neighborhoods. To date, no public input has been received regarding 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 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 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.
   - There is no evidence that supports a downgrading of surrounding property values. The monopole exists today and has not been proven a detriment to the surrounding neighborhood.

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 should not attract disruptive behaviors; the facility will be adequately controlled.

Conclusion

Staff recommends approval of the use permit subject to conditions.

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. Applicant shall ensure that previous permits for the existing monopole receive clearances from the Building Safety Division. This must be accomplished prior to the Use Permit becoming effective.

3. The monopole shall be no greater than 60'-0" (sixty feet) in height.

4. Any intensification or expansion of use will require a new use permit.

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

HISTORY & FACTS:

December 23, 1991 — BA910192 – The Board of Adjustment approved several requests for US West New Vector Group, Inc. located at 4640 S Ash Ave for the following:

a. Use permit to allow a 52' high monopole/antenna assembly for a mobile phone communication facility,
b. Variance to allow a building to be constructed of materials other than reinforced concrete or masonry construction (metal),
c. Variance to reduce the required setback from the west property line from 52' to 25' for the monopole/antenna assembly,
d. Variance to reduce the required setback from the south property line 52' to 42' for the monopole/antenna assembly,
e. Variance to waive the required 15 gallon and 24" box street trees along the Ash Ave frontage,
f. Variance to waive the required parking space landscaped end islands.

June 11, 1992 — BP920058 – Building permit received its final for the installation of a new 40' communication tower.

November 16, 2001 — SPR01164 – The Development Plan Review staff along with interdepartmental staff processed a preliminary site plan review to increase the existing monopole height to 65' and increase the size of the existing equipment compound area located at 4640 S Ash Ave.

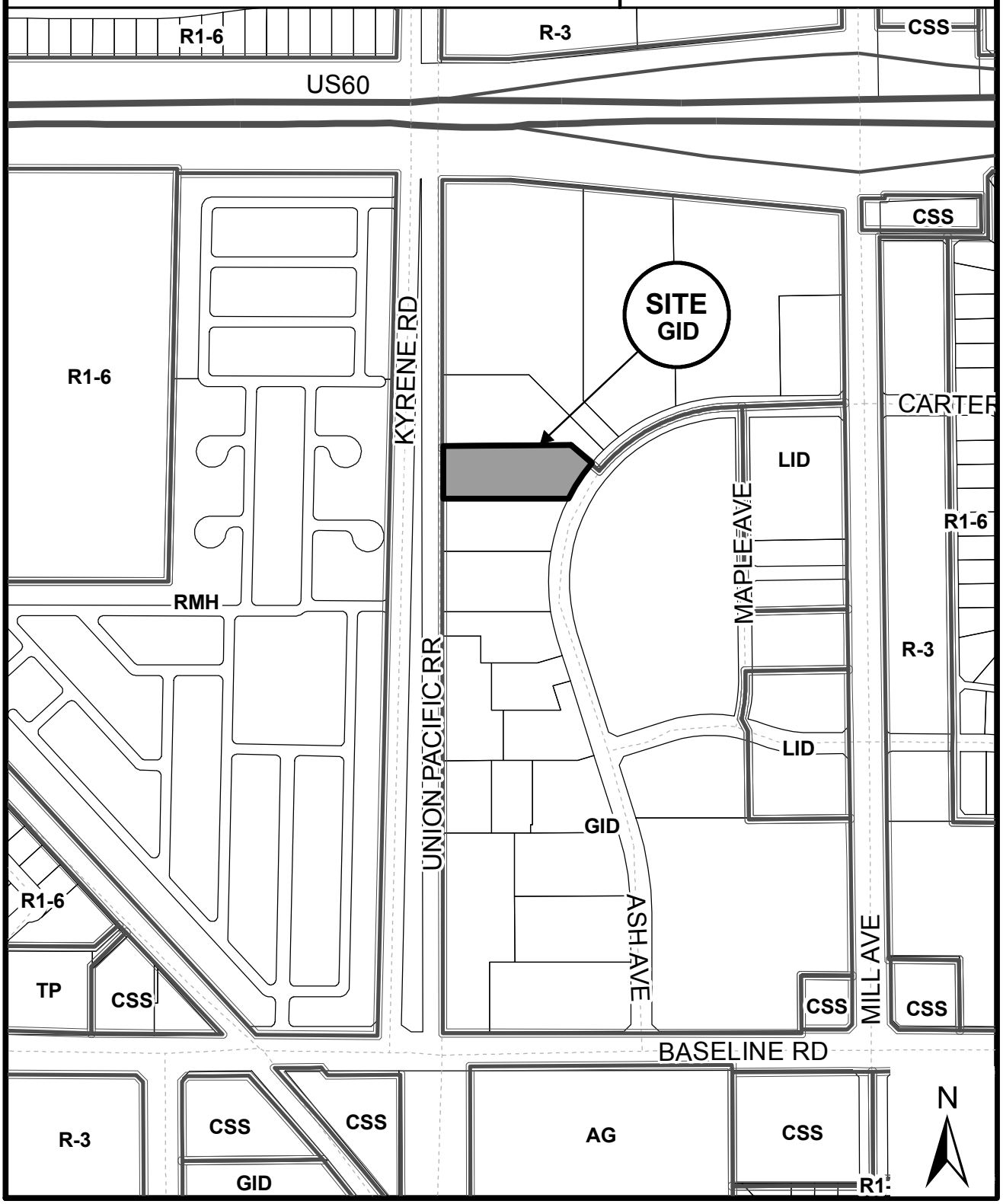
January 7, 2003	BP020016 – Building permit expired after footing was completed without an inspection from Building Safety. Sufficient proof of meeting the design requirements has not been received to justify an approval for the work. The contractor stated the footing was structural support for the addition of another dish to the existing tower. Unless this permit is finaled, a permit for the dish addition should not be issued until this problem has been resolved.
June 25, 2008	DSM08030 – The Development Services Department Development Review staff approved a request for Verizon Wireless to remove all four (4) omni antennas and to remove and replace nine (9) existing antennas with nine (9) new antennas on the existing monopole at the communication facility located at 4646 S Ash Ave.
July 17, 2009	BP081132 – Building permit received its final for the replacement of existing antennas.
May 12, 2010	SPR10035 – The Development Plan Review staff along with interdepartmental staff processed a preliminary site plan review for additional antennas and ground equipment to an existing monopole located at 4640 S Ash Ave.
July 20, 2010	ZUP10069 – The Hearing Officer approved a use permit request for Clearwire – AZ PHX0873A to increase the height of an existing monopole from 40 ft to 55 ft to allow co-location of wireless antennas.
March 10, 2011	ZUP11018 – The Community Development Department staff approved a request for Verizon Wireless to replace three (3) existing antennas with three (3) new antennas and associated cable lines and accessories at the 42 ft level on the existing monopole.

DESCRIPTION:	Owner – R C Cabinets Inc. Applicant – Scott Quinn/Quinn United Enterprises Existing Zoning – GID, General Industrial District Lot Area – 62,204 s.f. / 1.428 acres Existing Tower Height – 40'-0" Proposed Tower Height – 60'-0"
ZONING AND DEVELOPMENT CODE REFERENCE:	Part 3, Chapter 3, Section 3-302 – Permitted Uses in Office/Industrial Districts Part 3, Chapter 4, Section 3-421 – Wireless Telecommunication Facilities Part 6, Chapter 3, Section 6-308 – Use Permit

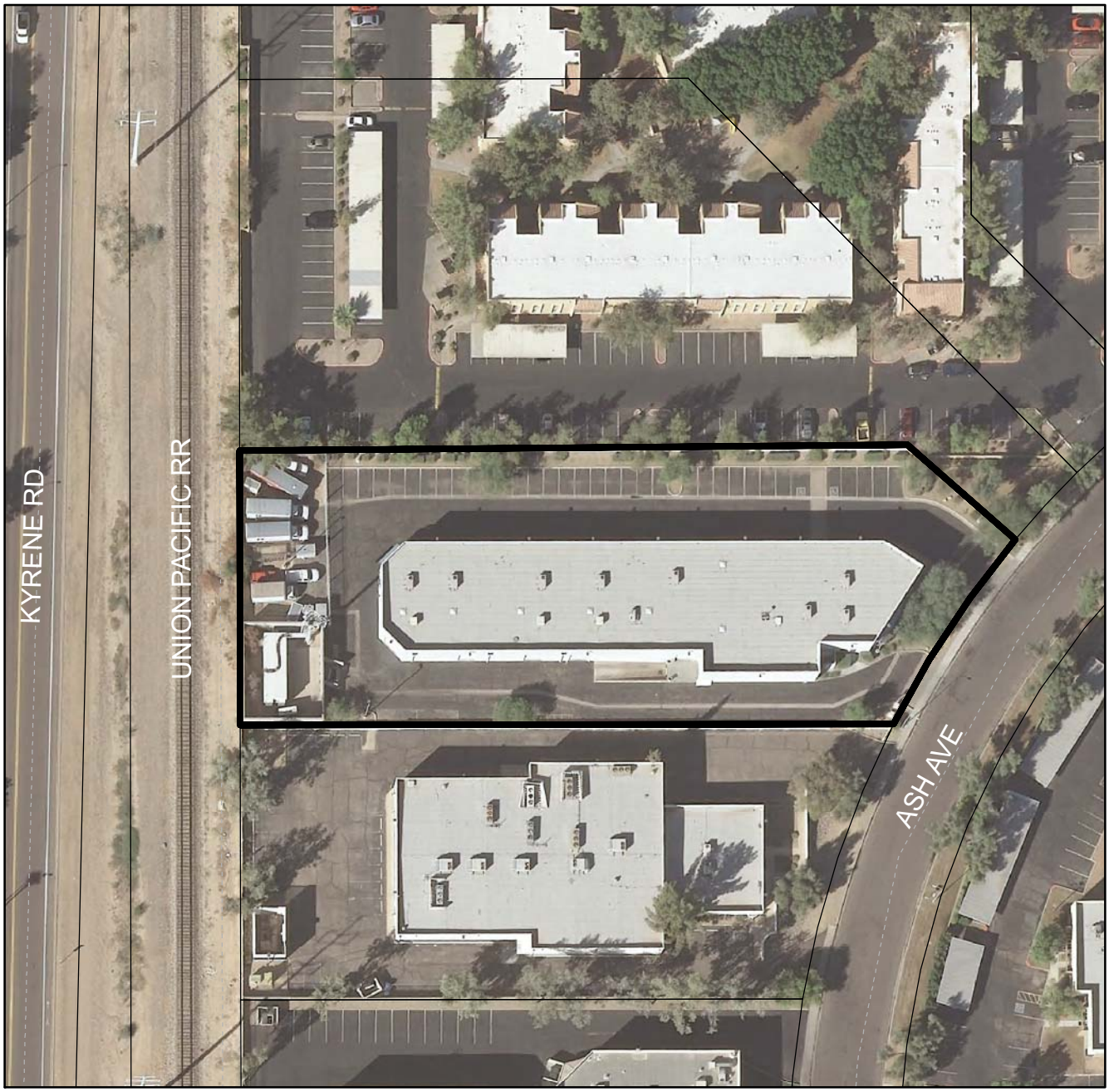
Tempe

CRICKET WIRELESS COMMUNICATIONS

PL110111



Location Map



CRICKET WIRELESS COMMUNICATIONS (PL110111)

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quinn
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EQUIPMENT AREA INSIDE EXISTING SCREEN WALL AREA

PURPOSE OF THE REQUEST

Cricket, a wireless telephone, internet and E911 service provider has received an alarming number of customer complaints from the subject area that is now known as site PHX-710. Cricket network design for the area was completed a number of years ago but during the initial design adjustments were made due to zoning ordinance requirements and landlord restraints that compromised the original radio frequency engineering design. The system has functioned for a number of years inefficiently and can no longer sustain the demands that the network requires. Without changes now it will prove to be impossible for Crickets to operate its network once the 4G conversion is complete. 4G technology is Long Term Evolution (LTE) that enables the delivery of voice and high-definition video streaming capabilities which is a far superior system. Arizona will be the first Cricket markets to convert to the LTE. LTE mainstream video requires increased demands on the bandwidth and greater sensitivity with precise line of site accuracy to connect to surrounding sites.

By installing a 20-foot extension on the existing 40-foot monopole (45'11" to top of existing Verizon antennas) will provide the needed coverage line of site. This is the best possible solution that meets the radio frequency objective while adhering to the City of Tempe Zoning Ordinance with it being one of the larger industrial zoned areas providing an adequate buffer from residential uses. The site will also be compliant with Federal Telecommunications Act requirements.

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DESCRIPTION OF THE PROPOSAL/ PURPOSE

- Cricket proposes (6) six antennas to be placed at the 57-foot Centerline (60-foot max overall height). The antennas will be a maximum of 6-feet in length, 16-inches depth, and T-Arm mounts will have a 4-foot maximum width. There will also be the option for (2) two 2-foot diameter microwave antennas.
- All antennas and appurtenances are to be painted to match the monopole to have a non reflective appearance to blend in with the existing vertical elements.
- The associated ground equipment will be placed behind the existing buildings and security walls that surround the perimeter of the property.
- The previous approved Clearwire collocation, with a 55-foot maximum height, that is not yet installed, is illustrated on the drawings below Crickets proposed antenna array and above Verizon's existing antennas.

The following is an outline of the limitations to the area and how Cricket will comply with all Federal, State, and Local Regulations with respect to wireless communication facilities:

RELATIONSHIP TO SURROUNDING PROPERTIES:

The subject parcel is GID Industrial zoning with industrial uses.
North of the property R-3 zoned apartment complex 210+feet to nearest dwelling unit
East of the property is Ash Ave with GID zoning beyond with industrial uses
South of the property is GID industrial uses and zoning.
West of the property are railroad tracks, 150+foot utility poles, and transmission lines, Kyrene Rd, and RMH Mobile Home zoning 200+feet to the nearest residential dwelling unit.

LOCATION AND ACCESSIBILITY AND PARKING

The existing access road shall be utilized for routine maintenance of the wireless communication facility as well as emergency service repairs or any non routine visits. An existing 9x18 parking space will used for the once a month routine maintenance and emergency site visits.

CIRCULATION SYSTEM (IMPROVEMENTS ON AND OFF SITE)

The existing access will be used resulting in no change to the circulation.

DEVELOPMENT SCHEDULE

Cricket would normally begin construction of the proposed project 1 week after obtaining the required zoning entitlements and building permits. 4-6 weeks is required for construction to be completed and for Cricket engineers to optimize the system.

COMMUNITY FACILITIES AND SERVICES

The project property is bordered by Kyrene on the west and Ash on the east.
The location, size, design, and operating characteristics of the proposed communications facility will not create unusual noise, traffic or other conditions or

situations that may be objectionable, detrimental or incompatible with other permitted uses in the vicinity. This determination is supported by the following:

- The equipment associated with the communication structure operates quietly or virtually noise-free.
- The equipment does not emit fumes, smoke, or odors that could be considered objectionable.
- The communications facility is unmanned and only requires periodic maintenance that equates to approximately one vehicle trip per month.

PUBLIC UTILITIES AND SERVICES

The proposed 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, so that in the remote chance of a fire within the cell site equipment, other buildings in the area would not be threatened. Fire vehicle access is available directly to the site over the paved maintenance facility roads, driveway, and parking area.

RADIO FREQUENCY EMISSIONS

PCS facility 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 used 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 Cricket to operate with the FCC approved "transmit" frequencies. The power required to operate the facility typically does not exceed 200 watts per channel, and thus, the Cricket facility is by design a low-power system. Depending upon characteristics of the site, the actual power requirements may be reduced. The power required to operate the facility does not exceed 718 watts per channel, and thus, the Cricket wireless communication 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.

OTHER INFORMATION

- Drainage is not a concern due to the area being a developed parcel with natural drainage in place.
- No Traffic Impact Study is provided due to only one trip generation per month.

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- There will be no noise, smoke, dust, odor, vibration or illumination created by the proposed use.
- The subject proposal is consistent with the general plan and City ordinances.
- The site is compatible with surrounding uses.
- Existing communication facilities within a 1-mile radius of the subject site were not available or lacked the appropriate radio frequency engineering design requirements and lacked adequate distances from residential uses.
- Public utility poles lacked the available ground space needed and the appropriate height/location for the Radio Frequency signal.
- Other existing vertical elements were eliminated due to unwilling landlords, unavailable height, ground space, and physical site restraints.
- The parcel was chosen due to the subject industrial zoning and parcel size allowing adequate distance from adjacent residential parcels.
- Of the (60) sixty Cricket sites in the 2010 build (52) fifty-two are collocations. The subject area lacks existing vertical elements that could be used requiring the subject proposal to extend the existing monopole.

SUMMARY

The proposed design will be engineered certified to be in compliance with the City of Tempe Zoning ordinance, International Building, Electric, and Fire Codes. The proposed wireless communication facility will meet or exceed all Federal, State, Local Government agency requirements including the Federal Communication Commission (FCC) and the Radio Frequency (RF) exposure standards.

Cricket is excited about the opportunity to bring enhanced service to the greater Tempe area. As a result, residents and tourist will benefit from the improved coverage and options available. The improvements will help to enhance E-911, City, and Public communication services.

Please refer to the drawings and supplemental information for any further clarification.

Sincerely,

Scott J. Quinn

Scott Quinn - Quinn United Enterprises for Cricket
Member of the American Planning Assoc & National Assoc of Realtors
3655 W Anthem Way, A109-250, Anthem, AZ 85086
623-551-6096, scottquinn@quinnunited.com, 623-321-9911

cricket

quinn
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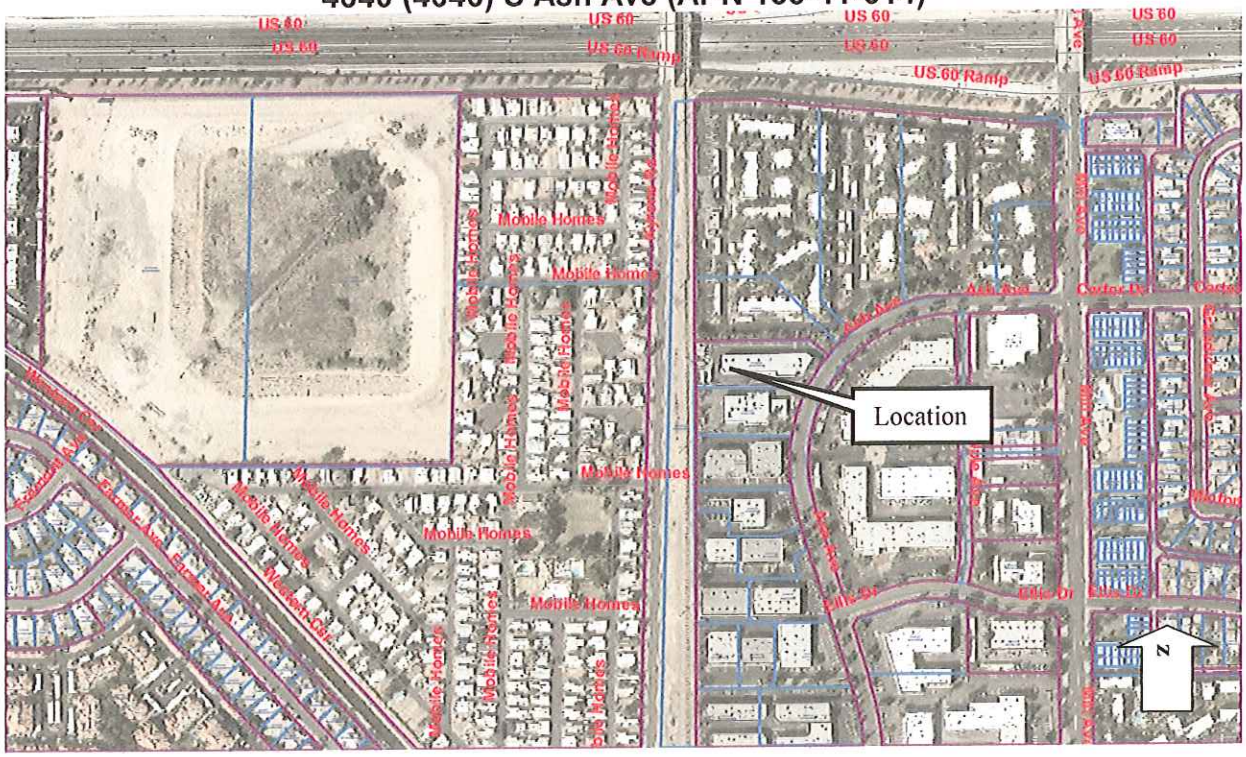
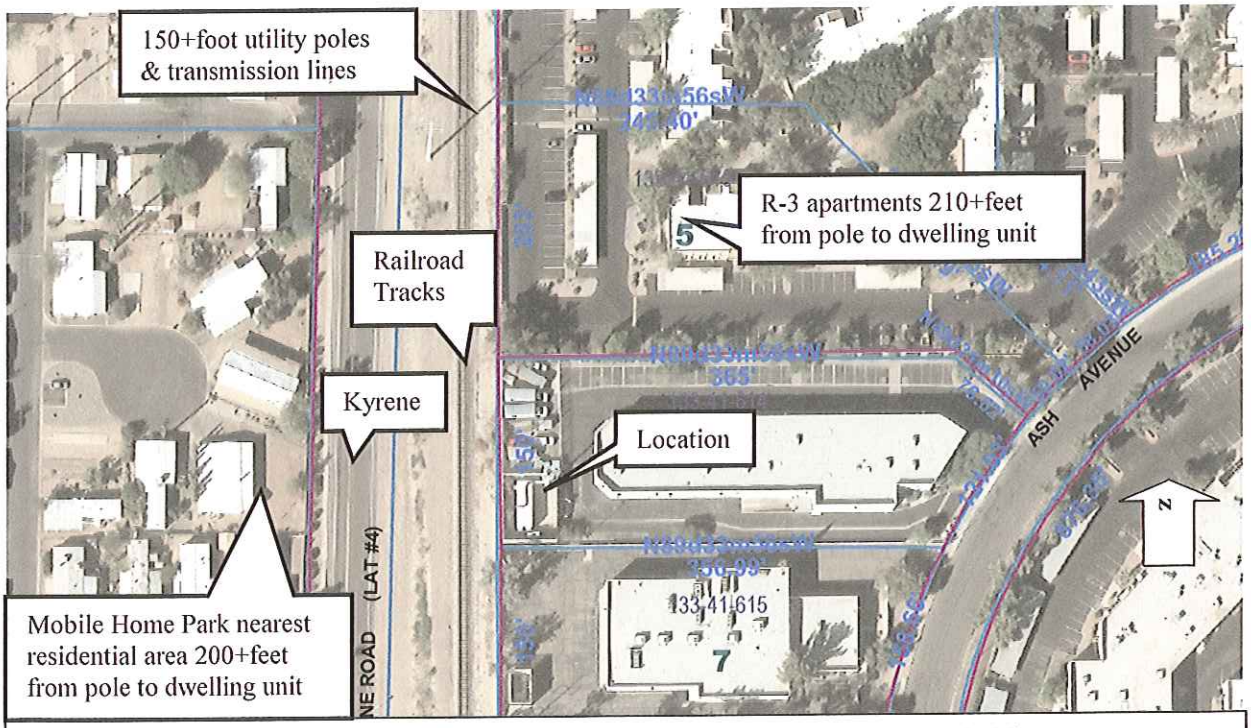
CITY OF TEMPE WIRELESS COMMUNICATION ZONING APP Mar03.11

4640 (4646) S Ash Ave (APN 133-41-614)





SCOTT QUINN - QUINN UNITED ENTERPRISES FOR CRICKET
Member of the American Planning Assoc and National Assoc of Realtors
3655 West Anthem Way A109-250, Anthem, AZ 85086
623-551-6096, scottquinn@quinnunited.com, 623-321-9911 Fax

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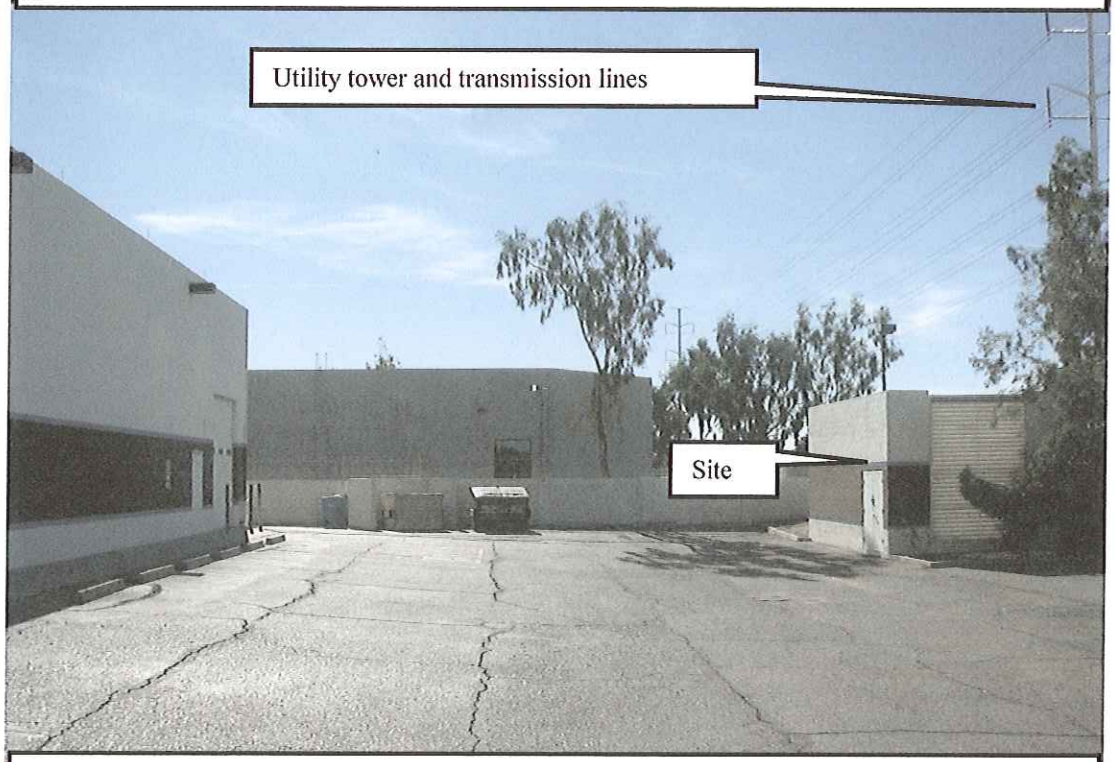
LOOKING WEST AT SUBJECT SITE AND ADJACENT PROPERTIES



LOOKING SOUTH AT SUBJECT SITE AND ADJACENT PROPERTIES

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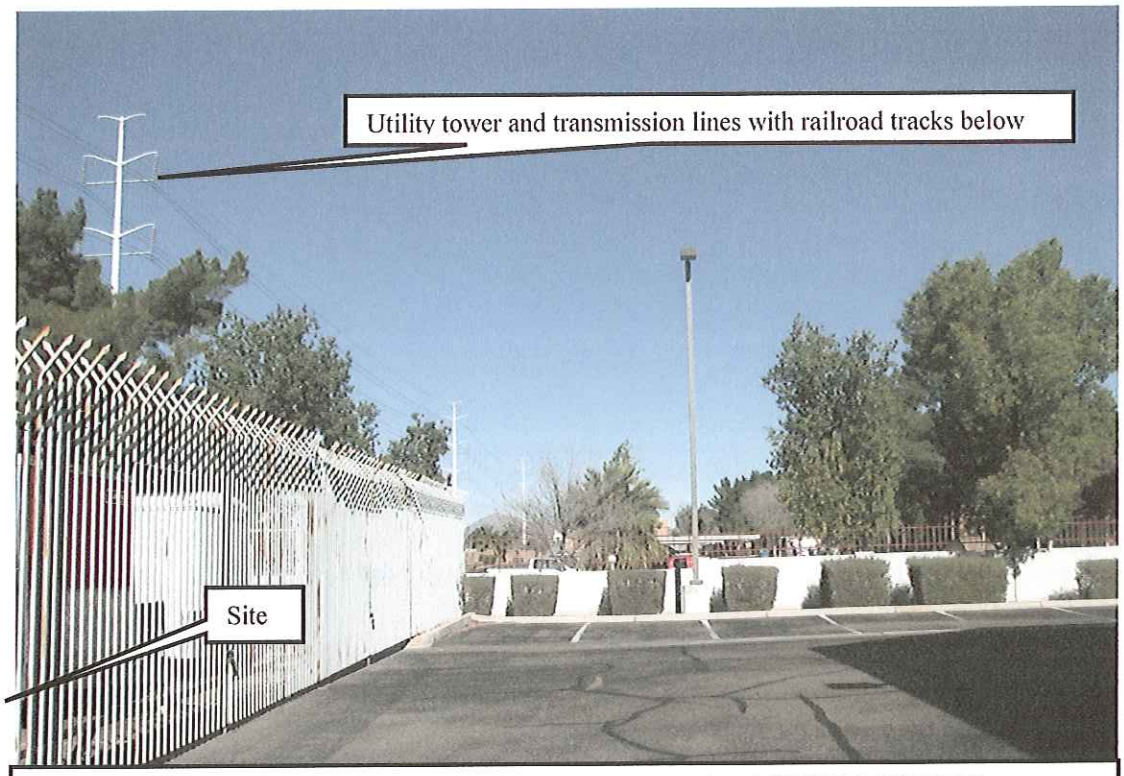
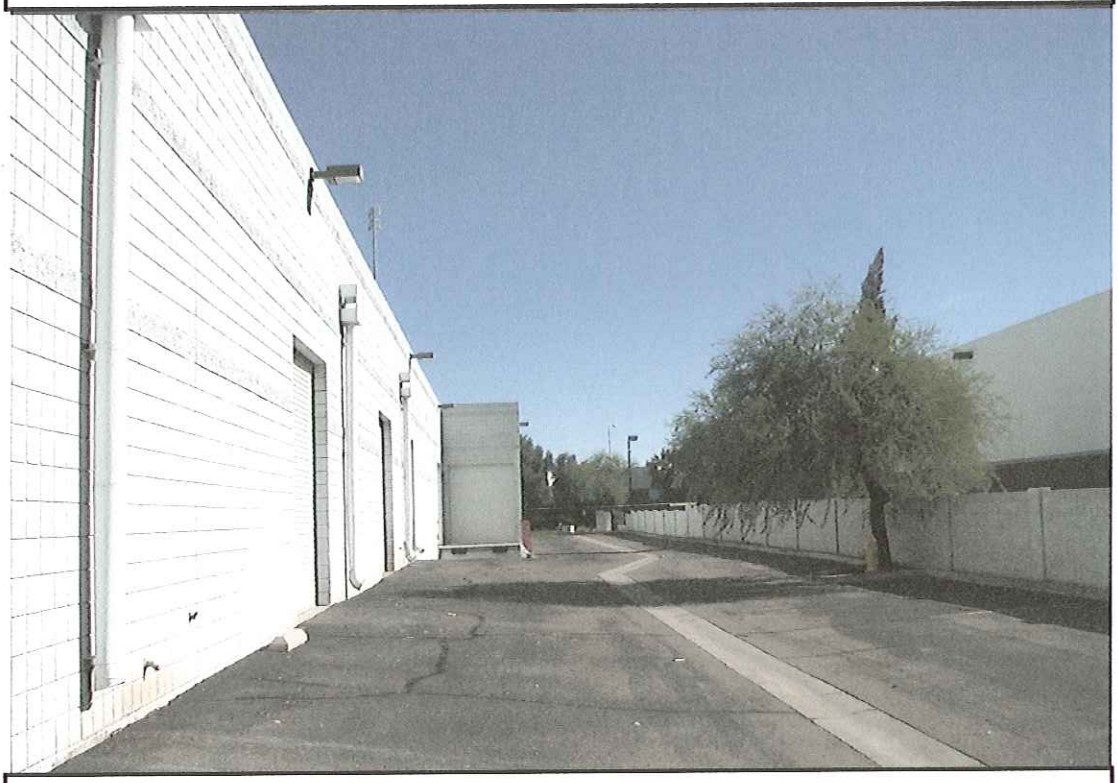
UNITED ENTERPRISES



LOOKING NORTH FROM NEAR THE SITE AT ADJACENT PROPERTY



LOOKING EAST FROM SUBJECT SITE AT ADJACENT PROPERTIES

cricket®
communications

SITE NAME: SPEC REC - ATC COLO
SITE NUMBER PHX-710
SITE ADDRESS: 4670 SOUTH ASH AVENUE, TEMPE, ARIZONA 85282

PROJECT SUMMARY

PROPERTY OWNER:
R C CABINETS INC
9025 S ASH AVE NO B-14
TEMPE AZ 85282

SITE ADDRESS:
4670 SOUTH ASH AVENUE,
TEMPE, ARIZONA 85282

APN: 133-41-614
JURISDICTION: TEMPE
ZONING: GID

APPLICANT
CRICKET COMMUNICATIONS
4050 E. COTTON CENTER
PHOENIX, ARIZONA 85040
PHONE: (602) 458-4438

ZONING/PERMITTING
CONTACT: SCOTT QUINN
PHONE: (623) 551-6096

PROJECT DESCRIPTION:

PROPOSED (3) ANTENNAS PER SECTOR WITH (3) SECTORS AT AZIMUTHS OF 0°, 120°, AND 240° AND (2) MICROWAVE DISHES AT AZIMUTHS OF 0° AND 120° AZIMUTHS AND A RAD CENTER 38'-0" MOUNTED TO A 20' EXTENSION TO BE ADDED TO EXISTING 40' MONOPOLE, TOTAL HEIGHT OF 60'-0" PROPOSED CRICKET EQUIPMENT MOUNTED TO A 8'X12' EQUIPMENT FRAME 18" ABOVE EXISTING GRADE INSIDE A PROPOSED CRICKET 10'X14' LEASE AREA INSIDE EXISTING TELECOMMUNICATIONS COMPOUND

CONSULTING TEAM

DESIGN COMPANY:

CUSTOM DESIGN SERVICES
14037 S. 46TH STREET
PHOENIX, ARIZONA 85044

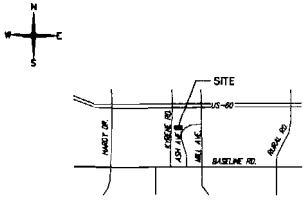
CONTACT: SHAWN EVANS
PHONE: (602) 758-5629
FAX: (602) 391-2132

SURVEYOR:
RJR SURVEY INC.
11250 EAST VIA LINDA SUITE 100-935
SCOTTSDALE, AZ. 85259

CONTACT: JOHN WARE
PHONE: (480) 816-9773
FAX: (480) 816-9735

SHEET INDEX

SHEET NUMBER	DESCRIPTION
T-1	TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION
LS-1	ZONING DRAWINGS
ZONING:	
Z-1	SITE PLAN
Z-2	ENLARGED SITE AND DIMENSION PLAN
Z-3	ELEVATIONS



VICINITY MAP:

TAKE I-10 EAST TOWARDS TUCSON, THEN MERGE ONTO US-60 EAST, EXIT MILL AVE AND GO RIGHT (SOUTH), GO TO ASH AVE TURN RIGHT (WEST) SITE IS ON THE RIGHT (NORTHWEST)

cricket communications
4050 E. COTTON CENTER BUILDING 3 SUITE 50
PHOENIX, ARIZONA 85040
PHONE: (602) 458-4438

PLANS PREPARED BY
CDS
Custom Design Services
14037 S. 46TH Street
Phoenix, Arizona 85044
PH: (602) 758-5629 FX: (602) 391-2132

NO.	DATE	DESCRIPTION	BY
1	01/20/11	PRELIMINARY	CJW
2	03/02/11	SUBMITTAL	SPE

PROJECT INFORMATION
03-249-03
PHX-710
SPEC REC
ATC COLO 82404
4670 SOUTH ASH AVENUE,
TEMPE, ARIZONA 85282

SHEET TITLE
TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION

SHEET NUMBER
T-1

ATTACHMENT 10

ATTACHMENT 11

FLOOD ZONE: MAP NO. 04013C2165H

COMMUNITY NUMBER	PANEL #	SUFFIX	DATE OF FIRM INDEX	FIRM ZONE	BASE FLOOD ELEVATION ON AO ZONE USE DEPTH
040054	2165	H	SEPT. 30, 2005	ZONE X "DOTS"	N/A

Basis of Bearing

THE MONUMENT LINE OF SOUTH ASH AVENUE AS SHOWN ON THE OFFICIAL PLAT RECORDED IN BOOK 224 OF MAPS, PAGE 30, IN THE OFFICE OF THE COUNTY RECORDER, MARICOPA COUNTY, ARIZONA.

BEARING = NORTH 17° 02' 00" WEST

Utility Notes

THIS SURVEY REFLECTS ABOVE GROUND INDICATIONS OF UTILITIES. AN UNDERGROUND SURVEY WAS NOT PERFORMED. SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/ OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

Benchmark

C.O.A.G. POINT I.D. NO. 52012-1

ELEVATION: 1182.21 (NAVD '88)

Date of survey

02/05/2011

Lessor's Legal Description

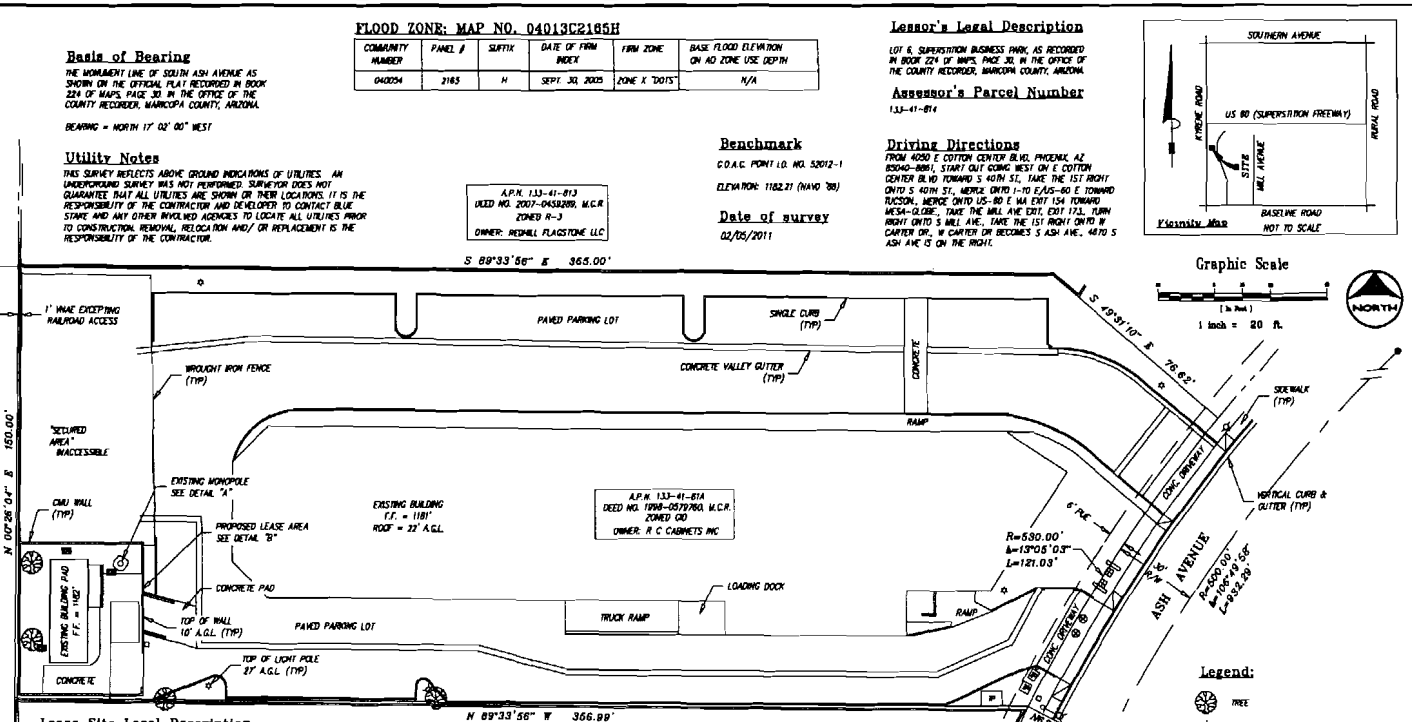
LOT 6, SUPERSTITION BUSINESS PARK, AS RECORDED IN BOOK 224 OF MAPS, PAGE 30, IN THE OFFICE OF THE COUNTY RECORDER, MARICOPA COUNTY, ARIZONA.

Assessor's Parcel Number

133-41-814

Driving Directions

FROM 4050 E COTTON CENTER BLVD, PHOENIX, AZ 85040-8861, START OUT GOING WEST ON E COTTON CENTER BLVD TOWARD S 40TH ST, TAKE THE 1ST RIGHT ONTO S 40TH ST, MERGE ONTO I-10 E/US-60 E TOWARD TUCSON, MERGE ONTO US-60 E VIA EXIT 154 TOWARD MESA-GLOBE, TAKE THE MILL AVE EXIT, EXIT 172, TURN RIGHT ONTO S MILL AVE, TAKE THE 1ST RIGHT ONTO W CARTER DR, W CARTER DR BECOMES S ASH AVE, 4670 S ASH AVE IS ON THE RIGHT.



Graphic Scale

1 inch = 20 ft.

Surveyor's Notes

THIS SURVEY WAS PERFORMED WITHOUT THE AID OF A TITLE REPORT AND DOES NOT CONSTITUTE A TITLE SEARCH BY THIS SURVEYOR. THIS SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE REPORT MAY DISCLOSE.

THE LESSOR'S LEGAL DESCRIPTION AND RECORD BOUNDARY ARE SHOWN HEREON FOR REFERENCE ONLY. THIS SURVEY DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE LESSOR'S PROPERTY.

THE NUMERIC SCALES SHOWN HEREON ARE VALID ONLY FOR "D" SIZED DRAWINGS: 22"x34" OR 24"x36". REFER TO THE GRAPHIC SCALES FOR ALL OTHER DRAWING SIZES.

Lease Site Legal Description

ALL THAT PORTION OF LOT 6, SUPERSTITION BUSINESS PARK, AS SHOWN ON THE OFFICIAL PLAT FILED IN BOOK 224 OF MAPS, PAGE 30, IN THE OFFICE OF THE COUNTY RECORDER, MARICOPA COUNTY, ARIZONA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT FROM WHICH THE SOUTHWEST CORNER OF SAID LOT 6 BEARS THE FOLLOWING 2 COURSES: 1) SOUTH 00° 26' 34" WEST 19.99 FEET TO A POINT ON THE SOUTH LINE OF SAID LOT 6; 2) NORTH 89° 38' 37" WEST ALONG SAID SOUTH LINE 33.72 FEET TO SAID SOUTHWEST CORNER;
THENCE FROM SAID POINT OF BEGINNING NORTH 00° 00' 43" EAST 14 FEET; THENCE SOUTH 89° 59' 15" EAST 10 FEET; THENCE SOUTH 00° 00' 43" WEST 14 FEET; THENCE NORTH 89 59' 15" WEST 10 FEET TO THE POINT OF BEGINNING.
CONTAINING 140 SQUARE FEET MORE OR LESS.

GEODETIC COORDINATES

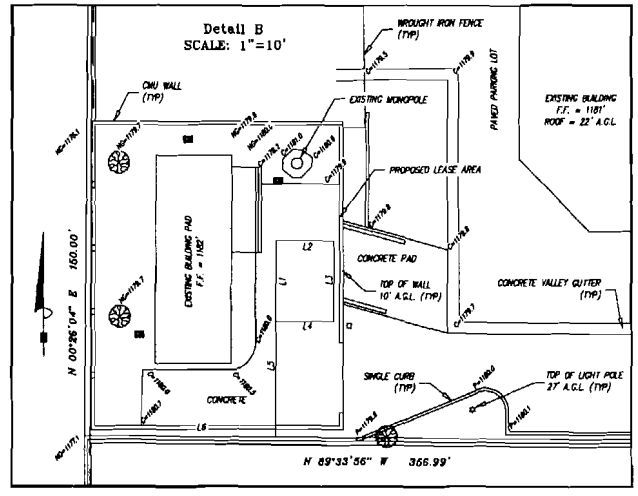
NAD 27
LATITUDE 33° 22' 57.5" NORTH
LONGITUDE 111° 56' 33.0" WEST

NAD 83
LATITUDE 33° 22' 57.6" NORTH
LONGITUDE 111° 56' 35.5" WEST

ELEVATION 1181' (NAVD 88)

TRUE NORTH / GRID NORTH / MAGNETIC

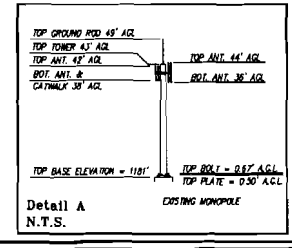
LINE TABLE		
LINE	BEARING	DISTANCE
L1	N00°00'45"E	14.00'
L2	S89°59'15"E	10.00'
L3	S00°00'45"W	14.00'
L4	N89°59'15"W	10.00'
L5	S00°26'34"W	19.99'
L6	N89°38'37"W	33.72'



Legend:

- TREE
- FIRE HYDRANT
- LIGHT POLE
- BACKFLOW PREVENTOR
- WATER METER
- WATER VALVE
- ELECTRIC BOX
- TRANSFORMER PAD
- BOLLARD
- IRRIGATION CONTROL VALVE
- INDICATES FOUND BRASS CAP FLUSH
- VNAE VEHICULAR NO ACCESS EASEMENT
- NG=1182.8 NATURAL GROUND ELEVATION
- C=1182.8 CONCRETE ELEVATION
- A=1182.1 PAVEMENT ELEVATION

800-782-5348



Detail A
N.T.S.

cricket communications
4050 E. COTTON CENTER BUILDING 5 SUITE 59
PHOENIX, ARIZONA 85040
PHONE: (602) 458-4438

PLANS PREPARED BY
CDS
Custom Design Services
800 E. Baseline Road, Suite B-1
Tempe, Arizona 85283
Ph: (602) 756-8828 Fx: (602) 391-2132

R.J.R. SURVEYS, INC.
11299 EAST VIA LINDA SUITE 100-938
SCOTTSDALE, AZ. 85259-4078
PHONE (480) 818-9773 FAX (480) 818-9736
www.rjrsurveysinc.com
REGISTERED LAND SURVEYOR
CERTIFICATE NO. 37937
JOHN M. WARE
ARIZONA U.S.A.
EXPIRES 06/30/2011

NO.	DATE	DESCRIPTION	BY
1	2/05/2011	SITE SURVEY	JMW
2	2/23/2011	REVISED LEASE AREA	JMW
3			
4			
5			
6			
7			

PROJECT INFORMATION

PHX-710

SPEC REC - ATC COLO

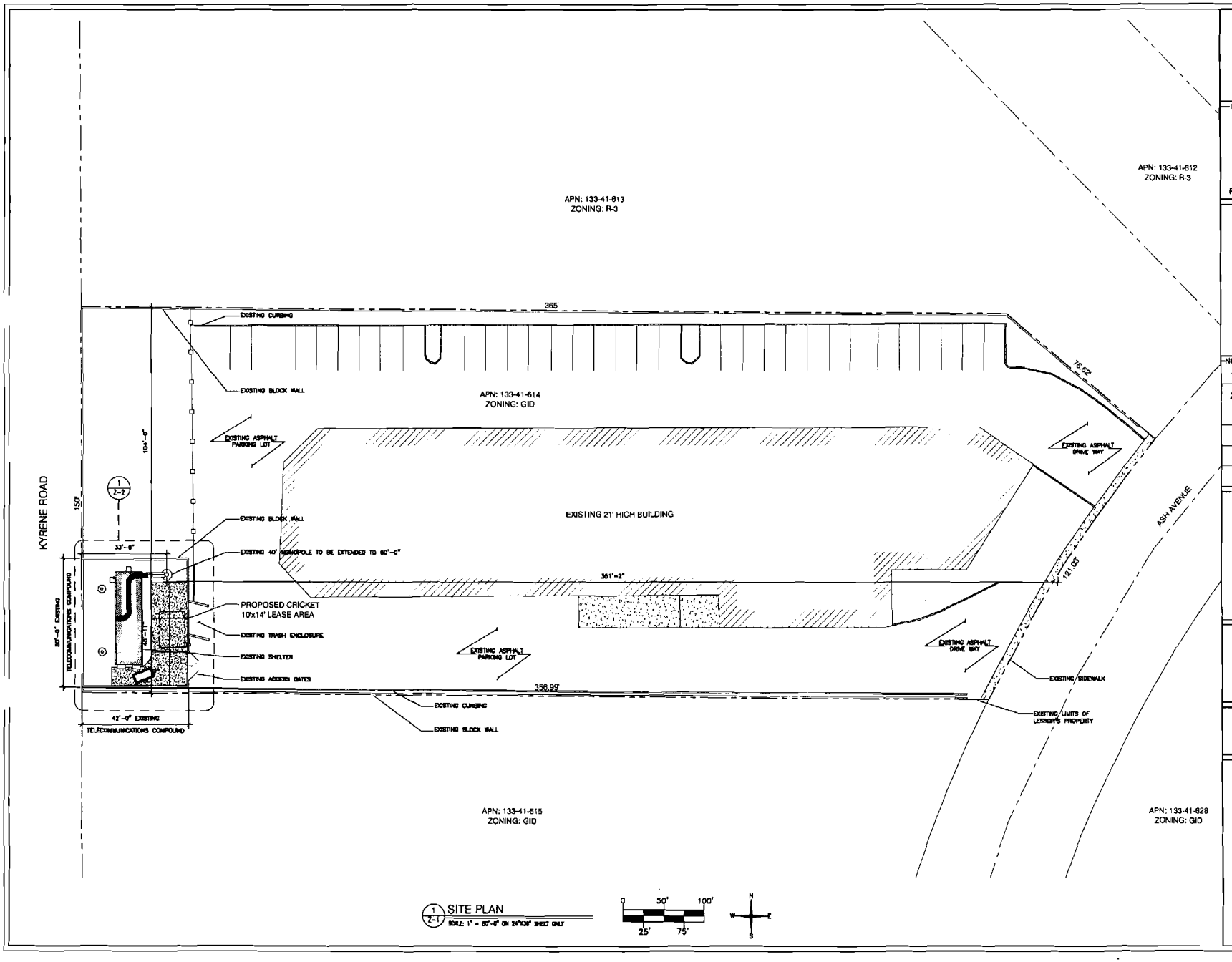
4670 SOUTH ASH AVENUE
TEMPE, ARIZONA 85282

SHEET TITLE

SITE SURVEY

SHEET NUMBER

LS-1



1 Z-1 SITE PLAN
SCALE: 1" = 50'-0" ON 24"X36" SHEET ONLY

0 50' 100' 25' 75'

N W E S

cricket communications
4050 E. COTTON CENTER BUILDING 3 SUITE 39
PHOENIX, ARIZONA 85040
PHONE: (602) 456-4438

PLANS PREPARED BY
CDS
Custom Design Services
14037 S. 46TH Street
Phoenix, Arizona 85044
PH: (602) 758-5829 FX: (602) 391-2132

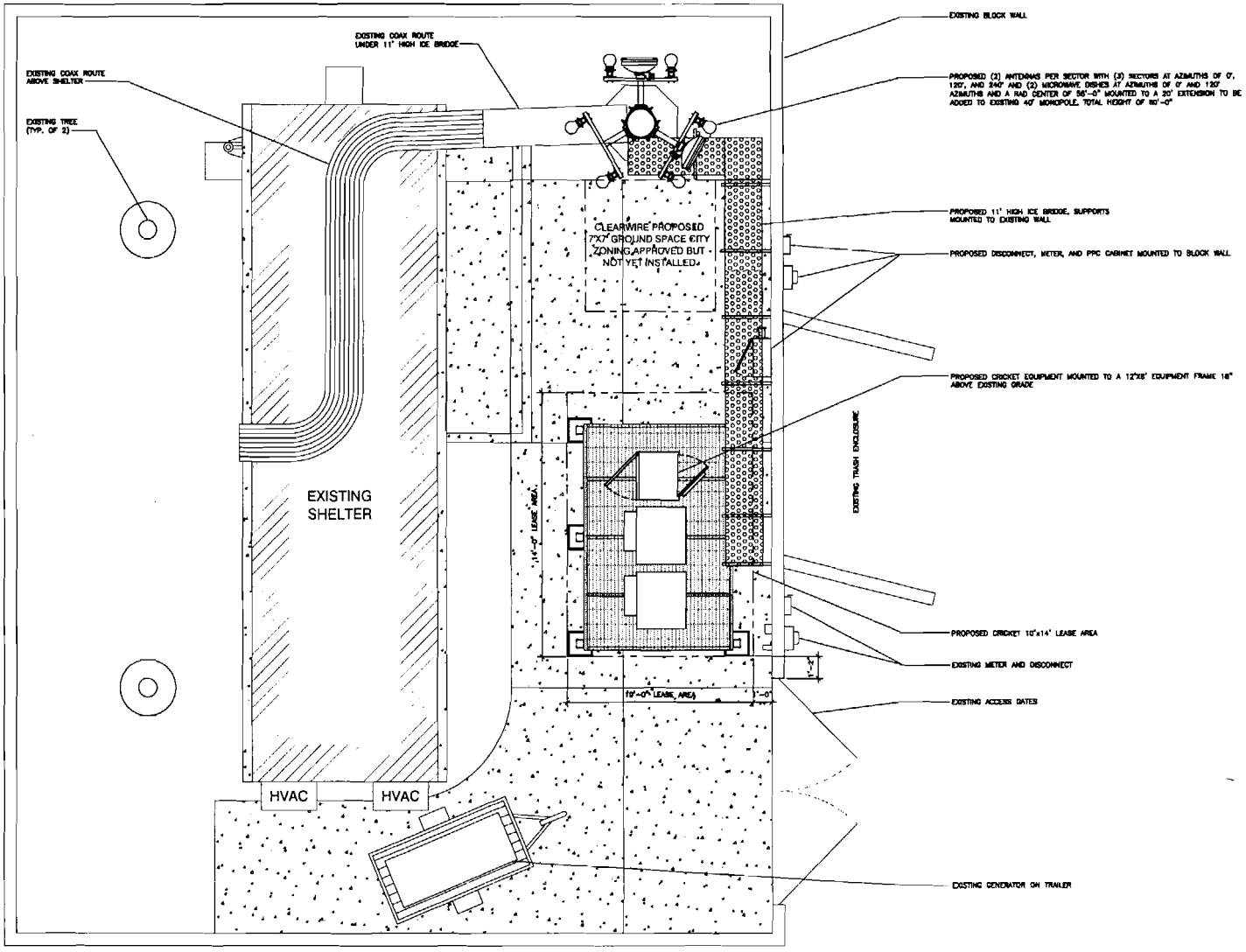
NO.	DATE	DESCRIPTION	BY
1	01/20/11	PRELIMINARY	CJW
2	03/02/11	SUBMITTAL	SPE

PROJECT INFORMATION
03-249-03
PHX-710
SPEC REC
ATC COLO 82404
4670 SOUTH ASH AVENUE,
TEMPE, ARIZONA 85282

SHEET TITLE
SITE PLAN

SHEET NUMBER
Z-1

ATTACHMENT 12



1 Z-2 ENLARGED SITE AND DIMENSION PLAN
SCALE: 3/8" = 1'-0" ON 24"X36" SHEET ONLY

0 2' 4'
1' 3' 5'

N W E S

cricket communications
4050 E. COTTON CENTER BUILDING 5 SUITE 50
PHOENIX, ARIZONA 85040
PHONE: (602) 450-6438

PLANS PREPARED BY
CDS
Custom Design Services
14037 S. 46TH Street
Phoenix, Arizona 85044
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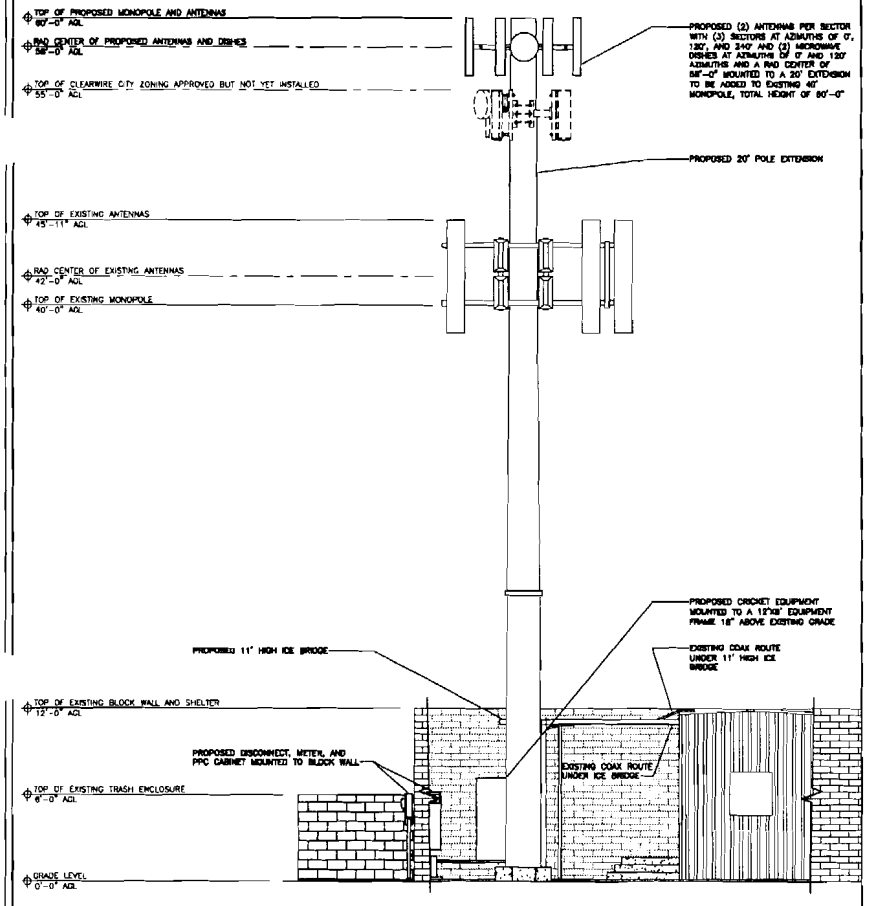
NO.	DATE	DESCRIPTION	BY
1	01/20/11	PRELIMINARY	CJW
2	03/02/11	SUBMITTAL	SPE

PROJECT INFORMATION
03-249-03
PHX-710
SPEC REC
ATC COLO 82404
4670 SOUTH ASH AVENUE,
TEMPE, ARIZONA 85282

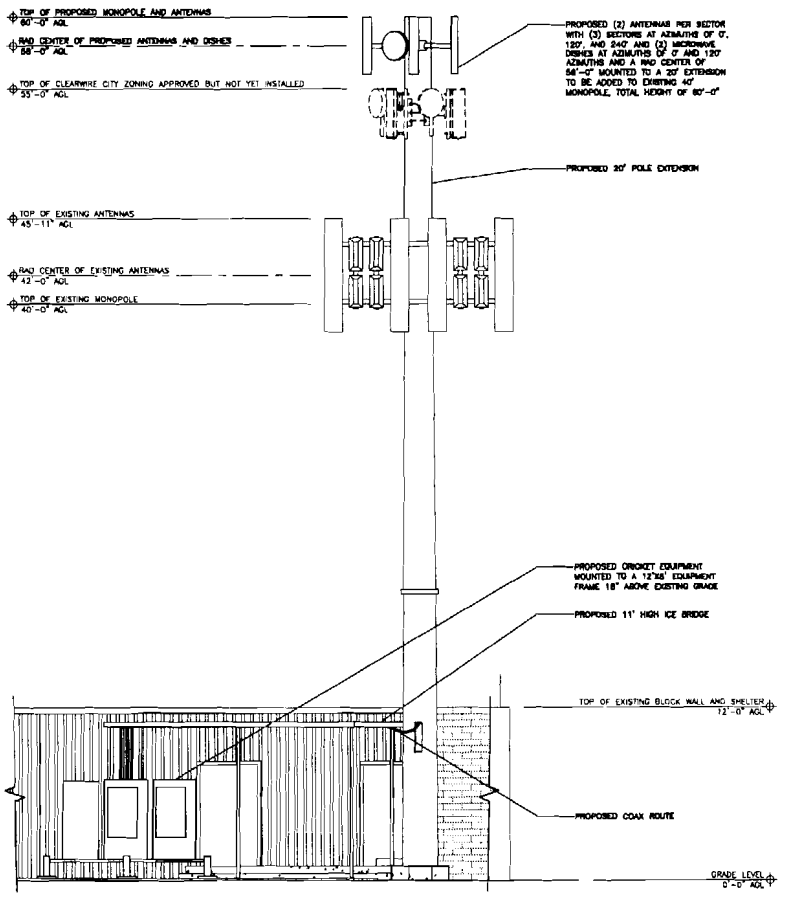
SHEET TITLE
ENLARGED SITE AND DIMENSION PLAN

SHEET NUMBER
Z-2



2 Z-3 NORTH ELEVATION
SCALE: 1/4" = 1'-0" ON 24"X36" SHEET ONLY

0 2' 4' 10'
1' 3' 5'



1 Z-3 EAST ELEVATION
SCALE: 1/4" = 1'-0" ON 24"X36" SHEET ONLY

0 2' 4' 10'
1' 3' 5'

cricket communications
4050 E. COTTON CENTER BUILDING 5 SUITE 59
PHOENIX, ARIZONA 85042
PHONE: (602) 438-4438

PLANS PREPARED BY
CDS
Custom Design Services
14037 S. 46TH Street
Phoenix, Arizona 85044
PH: (602) 758-5829 FX: (602) 391-2132

NO.	DATE	DESCRIPTION	BY
1	01/20/11	PRELIMINARY	CJW
2	03/02/11	SUBMITTAL	SPE

PROJECT INFORMATION
03-249-03
PHX-710
SPEC REC
ATC COLO 82404
4670 SOUTH ASH AVENUE,
TEMPE, ARIZONA 85282

SHEET TITLE
ELEVATIONS

SHEET NUMBER
Z-3

ATTACHMENT 14

CRICKET WIRELESS COMMUNICATIONS

4640 SOUTH ASH AVENUE

PL110111

EXISTING MONOPOLE – VIEW TO WEST