

PLANNING & ZONING COMMISSION

TO: City of Peoria Planning & Zoning Commission

FROM: Site Plan Review Board

DATE: July 28, 2016 **CASE NO**: PZ 16-27

REQUEST: Hold a Public Hearing and forward a recommendation to City Council on the request of Kathleen Groark,

of Insite RE, Inc., Verizon Wireless, and Parallel Infrastructure, to amend an existing Special Use, Ordinance No. 16,406, as amended, in a Class R-3 (Single-family Residential) District for a Cemetery, to add a Wireless Communication Tower Facility, for the property commonly known as Springdale Cemetery and located at 3014 N Prospect Road (Parcel Identification Nos. 14-34-200-006, 14-34-132-002, 14-27-

476-001, 14-35-101-001), Peoria, Illinois (Council District 3).

SUMMARY OF PROPOSAL & REQUESTED WAIVERS

The petitioner is requesting to amend the existing Special Use to place a new 105 foot cell tower and communication facility at Springdale Cemetery, near the entrance off of Prospect Road, on 230.6 acres. The new tower is proposed as a Flag Pole design.

Per the Zoning Ordinance, wireless communication facilities shall locate according to the following priorities with a) being the highest priority:

- a) Existing towers or other structures
- b) Industrial or institutionally zoned or publicly-owned
- c) Commercial, office, central business or parking zoning
- d) Agricultural zoning
- e) Residential zoning

The proposal is further described as follows:

| Development Item | Applicant Proposal | Applicant Waiver Request & Justification | SPRB Comment |
|-----------------------------|--|--|---|
| Tower Location | This request is priority #2 per the Zoning Ordinance, as it is a new tower on publicly owned land. | None | Tower must be a stealth design (flag pole) as proposed. |
| Tower and Antenna Height | 105 foot monopole (110 feet to the top of the lightning rod). | None | None |
| Setbacks | The proposed location complies with setback requirements. | None | None |
| Tower Design | The tower will be a stealth design (Flag Pole painted white). | None | Tower must be a flag pole designed as proposed. |
| Lighting | As required by FAA for the tower. | None | None |
| Signs | No signs are proposed per submitted plans. | None | Two signs not to exceed 4 sq. ft. must be placed on the site per Zoning Ordinance requirements for wireless communication facilities. |

| Development Item | Applicant Proposal | Applicant Waiver Request & Justification | SPRB Comment |
|-------------------------------------|---|---|---|
| Accessory building/structure design | uilding/structure consist of three cabinets | | Equipment facilities and accessory buildings shall be designed with brick, stone, and/or decorative block materials and reflect the design of buildings within the surrounding area. Fence enclosures shall include wrought iron. Site Plan Review Board does not object to the waiver, due to the limited visibility of the location. The Historic Preservation Commission (HPC) approved a 110-foot tall stealth flagpole wireless communication tower. Per the HPC approval, the flagpole must be white in color with a vinyl fence surrounding the tower base and equipment area. Color of fencing to be approved administratively. |
| Landscaping | No additional landscaping is proposed. | A waiver was requested from the landscape requirements, due to the existing vegetative barrier. | SPRB does not object to the waiver request due to the naturally occurring vegetation in the area surrounding the equipment shelter. |
| Building codes and safety standards | | | The proposed Wireless Telecommunications Facility shall meet all codes, as required by the Zoning Ordinance. |
| New Tower Feasibility | Tower is proposed to be designed to accommodate one collocator. In a traditional monopole design all of each carrier's antennas can be at the same height, however with a stealth flagpole carriers will stack their antennas at multiple heights. | Waiver from the requirement to provide space for 4 collocations. This is allowed with required documentation. | Applicant must examine the feasibility of designing the proposed tower to accommodate future demand for at least four (4) additional commercial applications, with Antenna Arrays equal to those of the applicant, and located as close to the applicant's antenna as possible without causing interference. This requirement may be waived, provided that the applicant, in writing, demonstrates that the provisions of future shared usage of the tower is not technologically feasible, is Commercially Impracticable or creates an unnecessary and unreasonable burden. |

| Development Item Applicant Proposal | | Applicant Waiver Request & Justification | SPRB Comment |
|-------------------------------------|---|--|--|
| Visual Intrusion | Petitioner has agreed to install the tower as a flag pole design. | | None |
| Access & Circulation | The equipment shelter is | | None |
| Required permits and licenses | | N/A | A holder of a Special Use Permit granted under this Ordinance shall obtain, at its own expense, all permits and licenses required by applicable Law, rule, regulation or code, and must maintain the same, in full force and effect, for as long as required by the City or other governmental entity or agency having jurisdiction over the applicant. |
| Future Modifications | N/A | N/A | The holder of a Special Use Permit shall notify the Zoning Administrator of any intended modification of a Wireless Telecommunication Facility and shall apply to the Zoning Administrator to modify, relocate or rebuild a Wireless Telecommunications Facility. Such modification shall be processed as an amendment to the Telecommunications Special Use according to the requirements of Section 2.15 Special Uses of this Ordinance. |
| Parking | No changes are proposed. | None | None |
| Mechanical & Utility Screening | Not addressed | N/A | Per a previous approval, the service courtyard area where mechanical equipment, utilities, and a dumpster are located, was required to be screened from view from public streets, open areas, and pedestrian corridors. Site Plan Review Board requests that this area be screened per Land Development Code requirements. |

BACKGROUND

<u>Property Characteristics</u>
The subject property contains 230.6 acres of land, developed with Springdale Cemetery. The property is zoned Class R-3 (Single-family Residential) District.

History

In 2009, a Special Use was granted for a cemetery and it was amended in 2010 for a building addition.

The property has historically been zoned as follows:

| Date | Zoning |
|----------------|--|
| 1931-1958 | A (One Family) Dwelling |
| 1958-1963 | A (One Family) Dwelling |
| 1963 - 1990 | R-1 (Low Density Residential) District |
| 1990 - Present | R-3 (Single-family Residential) District |

SITE PLAN REVIEW BOARD ANALYSIS

The SPRB examines each application against the appropriate standards found in the Code of the City of Peoria and/or in case law, which results in the following requested conditions:

| Standard | Standard Met per SPRB Review | SPRB Condition Request & Justification |
|---|---|--|
| No detriment to public health, safety, or general welfare | Yes | N/A |
| No injury to other property or diminish property values | Yes | N/A |
| No impediment to orderly development | Yes | N/A |
| Provides adequate facilities | Yes | N/A |
| Ingress/Egress measures designed to minimize traffic congestion | Yes | N/A |
| Adherence to the comprehensive plan | Yes | N/A |
| If a public use/service, then a public benefit | Yes | N/A |
| Conforms to all district regulations | Yes, apart from requested waivers. | N/A |
| Comprehensive Plan Critical Success Factors | Grow employers and jobs. | N/A |
| City Council Strategic Plan Goals | Grow Peoria business, jobs, and population. | N/A |

SITE PLAN REVIEW BOARD RECOMMENDATION

The Site Plan Review Board recommends APPROVAL of the request, with the following conditions:

- 1. A waiver to allow the proposed equipment shelter to be comprised of material other than that required by the Zoning Ordinance.
- 2. A waiver to allow the proposed 8 foot tall fence to be vinyl.
- 3. A waiver to allow space for only one collocator.
- 4. A waiver from the landscape requirements, due to the existing vegetative barrier.
- 5. Tower must be a stealth design (flag pole) as proposed.
- 6. Lighting must comply with the requirements of Appendix C, Section 6.6.9.A.No tower or antenna shall be artificially illuminated unless required by the FAA. Lighting shall not exceed 1/2 footcandle as measured at the property line and shall be down lit away from residential properties and public streets.

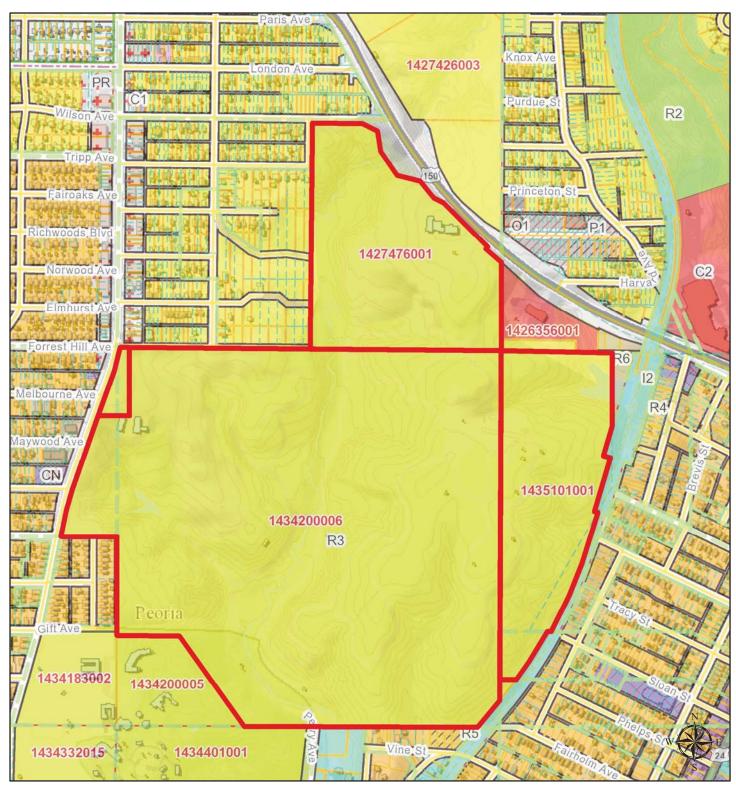
- 7. Two signs not to exceed 4 sq. ft. must be placed on the site per Zoning Ordinance requirements for wireless communication facilities.
- 8. Any gravel placed on the site in association with the equipment area must be contained within the fenced area and not visible on the site.

NOTE: If a City Code Requirement is not listed as a waiver, then it is a required component of the development. The applicant is responsible for meetings all applicable code requirements through all phases of the development.

ATTACHMENTS

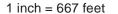
- 1. Surrounding Zoning (County GIS Print in Color)
- 2. Aerial Photo (County GIS Print in Color 2008 Photo until updated)
- Site Plan
- 4. Elevations and/or Renderings
- 5. Photos
- 6. Statements from Petitioner

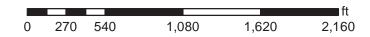
3014 N Prospect Road Surrounding Zoning





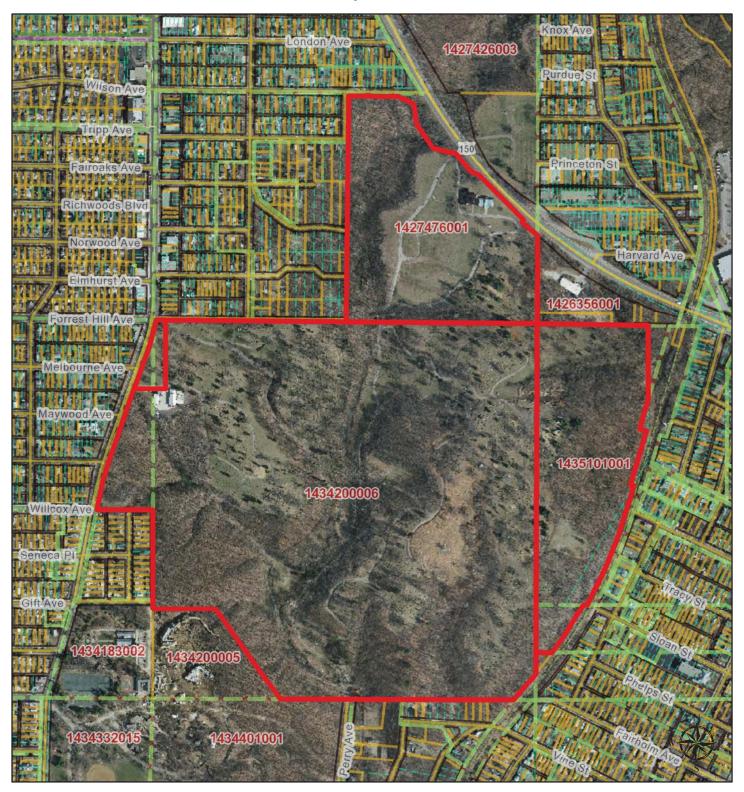
Disclaimer: Data is provided 'as is' without warranty or any representation of accuracy, timeliness or completeness. The burden for determining fitness for, or the appropriateness for use, rests solely on the requester. The requester acknowledges and accepts the limitations of the Data, including the fact that the Data is in a constant state of maintenance. This website is NOT intended to be used for legal litigation or boundary disputes and is informational only. -Peoria County GIS Division





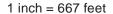


3014 N Prospect Road Aerial



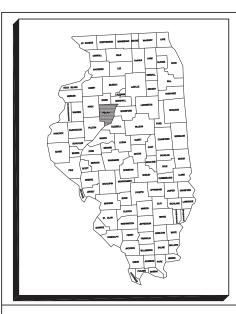


Disclaimer: Data is provided 'as is' without warranty or any representation of accuracy, timeliness or completeness. The burden for determining fitness for, or the appropriateness for use, rests solely on the requester. The requester acknowledges and accepts the limitations of the Data, including the fact that the Data is in a constant state of maintenance. This website is NOT intended to be used for legal litigation or boundary disputes and is informational only. -Peoria County GIS Division



| | | | | | ft |
|---|-----|-----|-------|-------|-------|
| 0 | 270 | 540 | 1,080 | 1,620 | 2,160 |







PI TOWER DEVELOPMENT LLC 7411 FULLERTON STREET, SUITE 110 JACKSONVILLE, FL 32256

CHICAGO SMSA LIMITED PARTNERSHIP

D.B.A. VERIZON WIRELESS

SITE NAME: E WISCONSIN & E ARCHER PROJECT NUMBER: 20141017032 LOCATION CODE: 287872

SITE DATA:

- I. PROPOSED RAWLAND SITE
- 2. PROPOSED OVERALL HEIGHT OF THE FLAG POLE STEALTH TOWER STRUCTURE TO BE 110'-0" A.G.L. TO THE TOP OF THE LIGHTNING ROD
- 3. PROPOSED CENTERLINE OF ANTENNAS TO BE MOUNTED AT 100'-0"
- 4. PROPOSED OUTDOOR EQUIPMENT CABINETS ON RAISED STEEL PLATFORM (II'-6" x 12'-0")
- 5. PROPOSED L.P. GENERATOR
- 6. PROPOSED 50' x 50' LEASE TRACT

FIBER COORDINATION IS NOT COMPLETE (PENDING FIBER CONTACT) PRIOR TO CONSTRUCTION, CONTACT DESIGNER FOR UPDATE.

CALL J.U.L.I.E. BEFORE ANY EXCAVATION 1–800–892–0123

TOWER PLANS AND PLATFORM PLANS ARE PROVIDED BY OTHERS AND HAVE BEEN COMBINED AND COMPILED INTO THESE CONSTRUCTION PLANS. SEE GENERAL NOTE 3 ON SHEET C2.





| PROJECT SUMMARY | CONSULTING TEAM | SHEET INDEX |
|--|--|--|
| SITE NAME: PROJECT NUMBER: | PROGRAM MANAGEMENT DIRECTOR | SHEET No. DESCRIPTION |
| E WISCONSIN & E ARCHER 2014-1017032 SITE ADDRESS: 3014 N. PROSPECT ROAD PEDRA, II. 61603 RICHWOODS TOWNSHIP PEDRA COUNTY PROPERTY OWNER: CITY OF PEDRIA CITY HALL ROOM 300 419 FULTON STREET PEDRA, II. 61602 (309) 494—8600 ROSS BIACK, ADMINISTRATOR | JENNIER BROWN PI TOWER DEVELOPMENT, LC 7411 FULLEKTON STREET, SUITE 110 ACKSONNILE, T. 82256 PHONE: (904) 450–4835 ELECTRICAL COMPANY: FIBER PROVIDER: AMEREN 8420 MORTH LINIVERSITY PEORIA, R. 1815 CONTACT: MORELLE MERVIN TEL: (509) 693–4979 | T-1 |
| GEOGRAPHIC COORDINATES: LATITUDE: 47 -43*-22.30* (NAD 83) LONGTUDE: 698*-34*-27.50* (NAD 83) A.M.S.L: ELEV. 637.00 CURRENT ZOONING: RESIDENTIAL R-3 ZONING OFFICE & BUILDING PERMIT DATA: CITY OF PEORIA CITY HALL ROOM 300 419 FULTON STREET PEORIA, IL 61602 (309) 494-8000 ROSS BLACK, ADMINISTRATOR COST OF BUILDING PERMIT: UNKNOWN | MAINTNIEGAMERICOU PREMISE # 334604310 FIRE DEPARTMENT: PEORIA FIRE DEPARTMENT FIRE CENTRAL 905 NE MOMORE STREET PEORIA, IL \$1802 TEL: (309) 494-8746 | EQ-4 CQUIPMENT PLATFORM ELEVATIONS EQ-5 CQUIPMENT DETAILS EQ-6 CQUIPMENT DETAILS D-1 SITE GROUNDING PLAN & NOTES D-2 SITE OROUNDING PROFILE D-3 SITE OFFAILS D-4 GROUNDING DETAILS & NOTES D-6 FENCING DETAILS E-1 UTILITY SITE PLAN AND NOTES E-2 GENERATOR UTILITY ROUTING PLAN E-3 UTILITY BOUTING PROFILE & NOTES E-4 PLATFORM ELECTRICAL DETAILS E-5 GENERATOR SINCEL LIME DIMERSHA AND ALARM WIRRING E-5 CHERATOR SINCEL LIME DIMERSHA AND A |
| DIRECTIONS TO SITE FROM SON-MARKER, MODE FROID 1-500 E HEEP ROOM AT THE FROM SON-MARKER, MODE FROID SIDES FOR CHOKKO, KEP LEST AT THE FORK TO COMMINE ON 1-305 S, FOLLOW SIONS FOR INTERSTATE SISS SO/MELT KEEP LEST AT THE FORK TO STAF ON 1-305 S. USE THE 200 FROM THE ROOT LAWE TO VICE THE 1-505 FOR JOILET FOR SY/MELT AND THE TO THE THE FORK TO SHAP THE THE FORK TO SHAP THE THE FORK TO SHAP THE THE THE THE FORK TO SHAP THE THE THE THE THE THE TOWN AND MARKE CHOTO 1-50 S. TAKE ENT 197 FOR 1-116 TOWN AND RENAULS ST. COMMINE TO FOLLOW 1-1-116 W. THE HE FOR THE FORK THE | HANDICAP, REQUIREMENTS: FRAUTT IS IMMAND AND NOT TOR HANN HABITATION, HANDICAPPED ACCESS REQUIREMENTS DO SURVIVOR/EMIGNATED SURVIVOR/EMIGNATED COMMONLINATED LAND SURVIVORYMA, BICC 1300 W. COMMENCE DIR. STE. 700. PERMA, ILLINOIS 61615 LAND SURVIVORS AND PROFESSIONAL ENDINCERS SUBJECT: 1300 W. COMMENCE DIR. STE. 700. PERMA, ILLINOIS 61615 LAND SURVIVORS AND PROFESSIONAL ENDINCERS SUBJECT: 1300 W. COMMENCE DIR. STE. 700. PERMA, ILLINOIS 61615 LAND SURVIVORS AND PROFESSIONAL ENDINCERS 1300 W. COMMENCE DIR. STE. 700. PERMA 1300 W. COMMENCE DIR. STE. TOR STE. STE. STE. STE. STE. STE. STE. STE. | E-6 PANEL SCHEDULE AND LIGHTING PLAN E-7 H-FRAME & TEMECH DETAILS SP-1 SPECIFICATIONS SP-2 SPECIFICATIONS STE PHOTOS NIC-1 MODICE TO CONTRACTORS LS-1 LESSEE PLAT OF SURVEY LESAL DESCRIPTIONS |

CHICAGO SMSA LIMITED PARTNERSHIP, D.B.A. VERIZON WIRELESS

REAL ESTATE MANAGER: ERROL OUTARSINGH 1515 EAST WOODFIELD RD. SCHAUMBURG, IL 60173 OFFICE: (847) 706-7995

CONSTRUCTION MANAGER: RON PAULY 500 TECHNOLOGY DRIVE 2ND FLOOR WELDON SPRING, MO 63304 OFFICE: (636) 793-9278

CLS

1300 W. COMMERCE DR. STE. 700 PEORIA, ILLINOIS 61615 LAND SURVEYORS AND PROFESSIONAL ENGINEERS

PHONE: 309-692-3434 FAX: 309-692-3433 IDFESSIONAL DESION FIRM NO. 184-002758

S DRAWING IS COPYRIGHTED AND IS SOLE PROPERTY OF CONSOLIDATED ID SURVEYING, INC... REPRODUCTION OTHER USE OF THIS DRAWING OR INFORMATION CONTAINED HEREIN HOUT THE WRITTEN PERMISSION OF ISOUIDATED LAND SURVEYING, INC.

ALL RIGHTS RESERVED (C) 2016



EXPIRES: 11-30-17

Parallel

PI TOWER DEVELOPMENT ILC 11 FULLERTON STREET, SUITE 11 JACKSONVILLE, FL 32256

SITE NAME:

E WISCONSIN

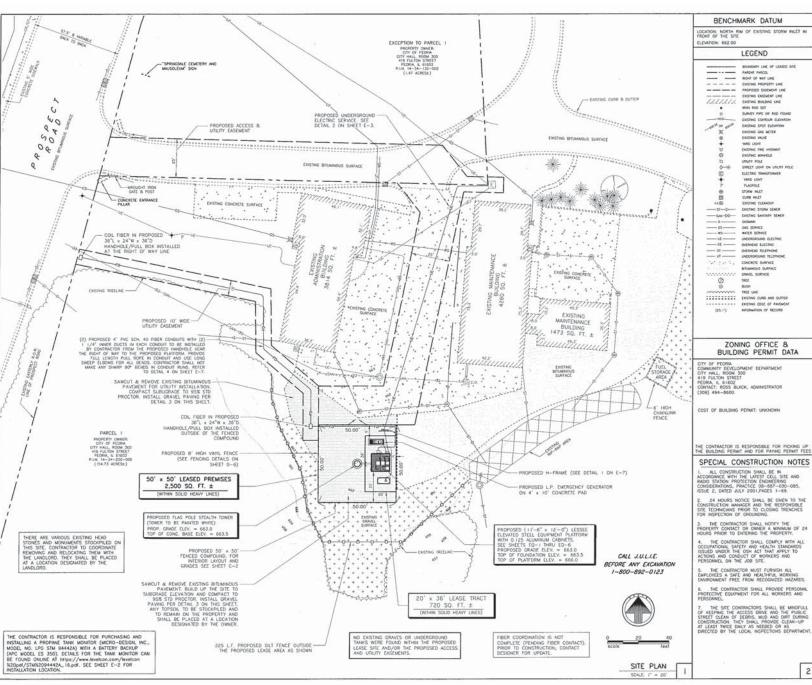
SHEET NAME

TITLE SHEET

SHEET NUMBER

T-1

JOB NUMBER 9663-9-8-34A-03



BENCHMARK DATUM

LOCATION: NORTH RIM OF EXISTING STORM INLET IN

LEGEND

BOUNDARY LINE OF LEASED SITE PARENT PARCEL RIGHT OF WAY LINE EXISTING PROPERTY LINE - - EXISTING EASEMENT LIN 11.111.11. Existing BULDING UNE HON ROD SET SURVEY PIPE OR ROD FOUND EXISTING CONTOUR ELEVATION EXISTING SPOT ELEVATION EXISTING GAS METER EXISTING VALVE THAT LIGHT EXISTING FIRE HISBANI EXISTING MINHOLE URLITY POLE STREET WON'T ON UTILITY POLE ELECTRIC TRANSFORMER YARD LIGHT FLACPOLE STORM INLET CURB INLET EXISTING CLEANOU ___st_p__ EXISTING STORM SEWER EXISTAC SANTARY SENCE GASMAN GAS SERVICE WATER SERVICE UNDERGROUND ELECTRIC OVERHEAD ELECTRIC - of - overeign telephone - ut - undressound truthsont CONCRETE SURFACE GRAVEL SURFACE

INFORMATION OF RECORD

GRAVEL SECTION SHOWN SHALL EXTEND TO THE PROPOSED LEASE LINE UNLESS OTHERWISE SHOWN

SEE PLAN SEE PLAN FOR SLOPE DIRECTION H. C. T. J. W.

6" OF 3/4" FINE CRUSHED STON COMPACTED TO 95% STD, PROCTO 6" OF 2"-3" OVERSIZE STONE COMPACTED TO 95% STD. PROCTOR - LAYER OF GRAVEL STABILIZATION FABRIC MIRAFI 500X, OR EQUAL COMPACTED SUBGRADE OR FILL TO 95% STD PROCTOR DENSITIES OR PROOF ROLL

GRAVEL COMPOUND PAVING DETAIL NOT TO SCALE

CLS

1300 W. COMMERCE DR. STE. 700 PEORIA, ILLINOIS 61815

PHONE: 309-692-3434 FAX: 309-692-3433

THIS DRAWING IS COPYRIONTED AND IS THE SOLE PROPERTY OF CONSCIENCE LAND SERVICENCE. ID. REPRODUCTION OR OTHER USE OF THIS BRAWING OR THE WOMMATION CONTAINED RETURN WITHOUT THE WIGHTEN PERMISSION OF COMSOLUBATED LAND SURVEYING, INC. IS PROMETED.

ALL RIGHTS RESERVED

3

4

CONSTRUCTION NOTES

NOT APPLICABLE

NOT TO YOUR

The locations of existing utilities shown on this sheed are only opproximate and may not be complete. The confractor shall very location of all utilities in the field prior to commencing construction. Protect at existing utilities which are to remain. Upon discovery of unknown or conceded utilities, mainly architect/own or conceded utilities, mainly architect/own.

Z. All proposed construction work shall be in occordance with the latest edition of the star specifications for road and bridge construction libraries.

All utility trenches in structural areas shall backfilled to subgrade with trench backfill male and compacted to at least 95 percent of male dry density as determided by the standard pro-

4. A minimum of 8 inches of topsoil shall be placed in all unprived distributed onces. Topsoil shall be fertile, frisble, songly soom and shall be free of roots, sticks and any other extraneous moteroids and taxis substances. Finish grade oil unprived disturbed areas to a consilion suitable for landscoping.

5. Troffic control during construction shall be in occordance with state and city requirements. At offices traffic control and construction procedures recipionable sofely to all involved, including, but not invited to construction workers, motorita and pedeations. The safety of all involved shall be the sole responsibility of the contractor.

All existing surrounding areas and property shall be properly protected from domage and left undamaged from operations of the contractor. If such domage occurs, it shall be the sole responsibility of the contractor.

Contractor shall verify all dimensions shown or the fower plans.

B. Controctor shall acquire all permits that are required by the local authorities, and all construction work shall be performed in compliance with the requirements of all applicable local, state and federal lows, regulations and rules.

9. See lower and building plans for respective site

10. Elevations are above mean sea level.

11. Do not scale any dimensions from this drawing.

42. All existing recorded easements are indicated on this drawing to the best of the surveyors knowledge per visual inspection, survey drawings on information received from the developer. Contracts shall contact JULILE, at 1-600-692-0123-46 hours prior to start of construction to have underground utilities isocied and market.

13. All construction shall conform to the 1996 BOCA code, NEC code, IBC 2003 and per local county requirements.

2

CHICAGO SMSA LIMITED PARTNERSHIP, D.B.A. VERIZON WIRELESS

REAL ESTATE MANAGER: ERROL OUTARSINGH 1515 EAST WOODFIELD RD. SCHAUMBURG, IL 60173 OFFICE: (847) 706-7995

CONSTRUCTION MANAGER RON PAULY 500 TECHNOLOGY DRIVE 2ND FLOOR WELDON SPRING, MO 63304 OFFICE: (636) 793-9278

CONSOLIDATED LAND SURVEYIN

LAND SURVEYORS
AND PROFESSIONAL ENGINEERS

© 2016

PREPARED BY: HRH 07-11-14

3-29-16 ACDED TOWER PAINTING NOTE 3-31-16 PER ADDITIONAL LOCATE 3 04-13-16 REVISED EQUIPMEN



SITE NAME: E WISCONSIN & E ARCHER

SHEET NAME

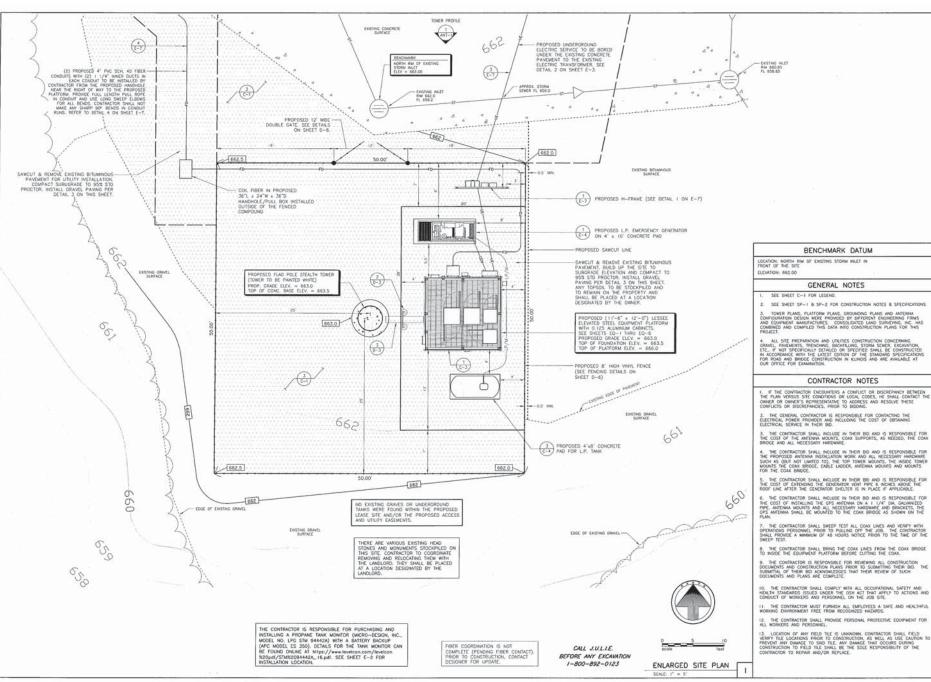
SITE PLAN

SHEET NUMBER

JOB NUMBER

9663-9-8-344-03

5



CHICAGO SMSA LIMITED PARTNERSHIP, D.B.A. VERIZON WRELESS

REAL ESTATE MANAGER: ERROL OUTARSINGH 1515 EAST WOODFIELD RD. SCHAUMBURG, IL 60173 OFFICE: (847) 706-7995

CONSTRUCTION MANAGER: RON PAULY 500 TECHNOLOGY DRIVE 2ND FLOOR WELDON SPRING, MD 63304 OFFICE: (636) 793-9278

CLS CONSOUDATED LAND SURVEYE

1300 W. COMMERCE DR. STE. 701 PEORIA, ILLINOIS 61615 AND SURVEYORS
AND PROFESSIONAL ENGINEERS

PHONE: 309-692-3434 FAX: 309-692-3433

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF COMSOLIDATED LAND CHIEF WING, INC. REPRODUCTION OF OTHER USE OF THIS DRAWING OF THE INFORMATION CHIEF HAVE AND THE WORLD HAVE WITHOUT THE WRITTIN PERMISSION OF COMSOLIDATED LAND SURFERING, INC. IS PROVIDED.

ALL RIGHTS RESERVED © 2016

PREPARED BY: HRH 03-11-16

| ADDED TOWER PAINTING NOTE |
|---------------------------------------|
| REVISED EQUIPMENT LAYOUT B LP CEN. |
| |
| |

Parallel INFRASTRUCTURE

SITE NAME:

E WISCONSIN & E ARCHER

SHEET NAME

ENLARGED SITE PLAN

SHEET NUMBER

JOB NUMBER 9663-9-8-34A-03

13. LOCATION OF ANY FIELD TILE IS UNKNOWN, CONTRACTOR SHALL FIELD VERHY? TILE LOCATIONS PRIOR TO CONSTRUCTION, AS WELL AS USE CAUTION TO PREVENT ANY EMMACE TO SAID TILE, ANY DAMAGE THAT OCCURS DURING CONSTRUCTION TO FIELD TILE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND/OR REPACE.

BENCHMARK DATUM

GENERAL NOTES

CONTRACTOR NOTES

TOWER NOTES:

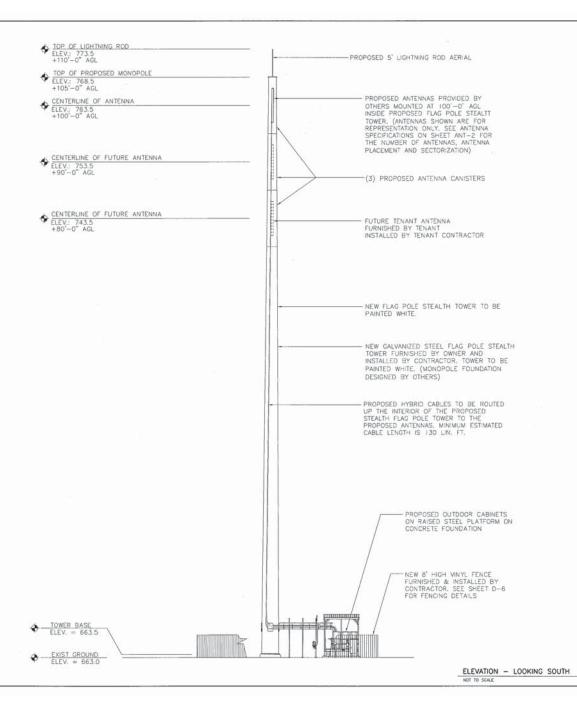
COAX LADDER OR BRACKETS AND HARDWARE WILL
NEED TO BE PROVIDED AND INSTALLED BY GENERAL
CONTRACTOR
 IT IS THE INSTALLING CONTRACTORS RESPONSIBILITY
O VERBY ALL ANTENNA INFORMATION AGAINST FINAL
RADIO ENGINEERING PLAN PROVIDED BY OTHERS.

STRUCTURAL NOTES:

- STRUCTURAL CALCULATION PREPARED BY OTHERS.
 CONTRACTOR TO COORDINATE WITH REPRESENTATIVE TO
 OBTAIN A COPY.
- CONTRACTOR TO REFER TO TOWER STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO ERECTION OR MODIFICATION OF TOWER SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER.

NOTES:

- VERIFY EACH COAXIAL CABLE LENGTH, ROUTING AND ALL MOUNTING APPURTENANCES WITH OWNER PRIOR TO ORDERING.
- 2. THE MINIMUM COACIAL CABLE LENGTH HAS BEEN ESTIMATED AT $_150_$ FEET EACH WITH A CORRESPONDING CABLE DIMMETER AS SHOWN ON SHEET ANT-2. THIS CABLE LENGTH IS APPROXIMATED AND IS NOT TO BE USED FOR CONSTRUCTION. ACTUAL CABLE LENGTHS MAY YARY FROM ESTIMATED MINIMUM LENGTH AND MUST BE VERFECD.
- 3. TAG ALL MAIN CABLES (LABELED ACCORDING TO SPECS) AT FOUR (4) LOCATIONS:
 - A. I ID TAG ON THE BOTTOM 1/2" JUMPER COMING FROM THE LUCENT EQUIPMENT B. II DI TAG ON THE BOTTOM MAIN LINE AT PLATFORM NEAR THE MAIN CONNECTOR C. II DI TAG ON THE TOP MAIN LINE MEAR THE MAIN CONNECTOR D. I ID TAG ON THE TOP I/2" JUMPER NEAR THE ANTENNA
- CONTRACTOR TO AFFIX TAGS ON THE MAIN CABLES USING A MORE PERMANENT METHOD THAN TIE WRAPS. CONTACT CONSTRUCTION MANAGER FOR SUFFICIENT METHODS.
- 5. IN THE EVENT DIPLEXERS AND/OR OTHER EQUIPMENT IS ADDED INTO THE SYSTEM, TAGGING WILL BE CHANGED FROM NOTE 3. CONTACT CONSTRUCTION MANAGER FOR SUFFICIENT METHODS.
- EACH COAX SHALL BE SUPPORTED COLUMN GRIP (CHINESE FINGER GRIP) HUNG FROM A J-HOOK AT TOP OF TOWER, (10' ABOVE FOR LATTICE TOWER).
- 7. EACH COAX SHALL BE GROUNDED AT THREE (3) LOCATIONS:
 - A. TOWER PLATFORM OR V-FRAME B. TOWER BASE
 - C. OUTSIDE EQUIPMENT PLATFORM UNDER ROOF CANOPY
- 8, COAXIAL CABLES TO BE SUPPORTED EVERY 3'-0" ON PLATFORM OR V-FRAME WITH STAINLESS STEEL HANGERS.
- 9. COAXIAL CABLES TO BE SUPPORTED EVERY 18" WITH STAINLESS STEEL HANGERS.
- 10. ANTENNA CONTRACTOR RESPONSIBLE FOR FABRICATION ENCLOSURE JUMPERS.
- 11. COAX TYPE WILL BE AVA7-50 AIR FOAM DIELECTRIC CABLE FROM ANDREW TO REPLACE THE OLDER LDF7-50 CABLE.
- 12. THE CONTRACTOR SHALL USE PPC CONNECTORS ONLY. NO ANDREW CONNECTORS SHALL BE USED.



CHICAGO SMSA LIMITED PARTNERSHIP, D.B.A. VERIZON WIRELESS

REAL ESTATE MANAGER: ERROL OUTARSINGH 1515 EAST WOODFIELD RD. SCHAUMBURG, IL 60173 OFFICE: (847) 706-7995

CONSTRUCTION MANAGER: RON PAULY 500 TECHNOLOGY DRIVE 2ND FLOOR WELDON SPRING, MO 63304 OFFICE: (636) 793-9278

CLS CONSOLIDATED LAND SURVEYIN

1300 W. COMMERCE DR. STE. PEORIA, ILLINOIS 61615 LAND SURVEYORS
AND PROFESSIONAL ENGINEERS PHONE: 309-892-3434 FAX: 309-692-3433

THIS DRAWNG IS COPYRIGHTED AND IS THE SOLE PROPERTY OF CONSOLIDATED LAND SUBPRISE INC. REPRODUCTION OF OTHER USE OF THIS DRAWNG OF THE WORMANDED HOTERS WITHOUT THE WOTHER PERMISSION OF CONSOLIDATED LAND SURVEYING, INC. IS PROPERTED. ALL RIGHTS RESERVED

PREPARED BY: HRH 63-11-16

3-29-14 ADDED TOWER PAINTING NOTE

Para lel INFRASTRUCTURE

SITE NAME:

E WISCONSIN & E ARCHER

SHEET NAME

TOWER ELEVATION AND NOTES

SHEET NUMBER

JOB NUMBER 9663-9-8-34A-03



STANDING NORTHEAST OF THE SITE AT THE EXISTING ELECTRIC TRANSFORMER (LOOKING WEST)



STANDING NORTH OF THE SITE IN THE ACCESS EASEMENT (LOOKING SOUTH)



STANDING EAST OF THE SITE (LOOKING WEST)



STANDING AT THE SITE IN THE ACCESS EASEMENT (LOOKING NORTH)



STANDING NORTH OF THE SITE IN THE ACCESS EASEMENT (LOOKING SOUTH)



STANDING NORTH OF THE SITE IN THE ACCESS EASEMENT (LOOKING SOUTH)



STANDING WEST OF THE SITE ACROSS FROM THE ACCESS EASEMENT (LOOKING EAST)



STANDING NORTH OF THE SITE NEAR THE ACCESS EASEMENT (LOOKING WEST)



STANDING WEST OF THE SITE (LOOKING EAST)

CHICAGO SMSA LIMITED PARTNERSHIP, D.B.A. VERIZON WIRELESS

REAL ESTATE MANAGER: ERROL OUTARSINGH 1515 EAST WOODFIELD RD. SCHAUMBURG, IL 60173 OFFICE: (847) 706-7995

CONSTRUCTION MANAGER: RON PAULY 500 TECHNOLOGY DRIVE 2ND FLOOR WELDON SPRING, MO 63304 OFFICE: (636) 793-9278

LAND SURVEYORS AND PROFESSIONAL ENGINEERS PHONE: 309-692-3434 FAX: 309-692-3433

© 2016

ALL RIGHTS RESERVED

PREPARED BY: HRH 03-11-16



PI TOWER DEVELOPMENT LLC 7411 FULLERTON STREET, SUITE 11 JACKSONVILLE, FL 32256

SITE NAME:

E WISCONSIN & E ARCHER

SHEET NAME

SITE PHOTOS

SHEET NUMBER

JOB NUMBER 9663-9-8-34A-03











East Wisconsin and Archer Ave

RF Justification



Proposed Site Summary

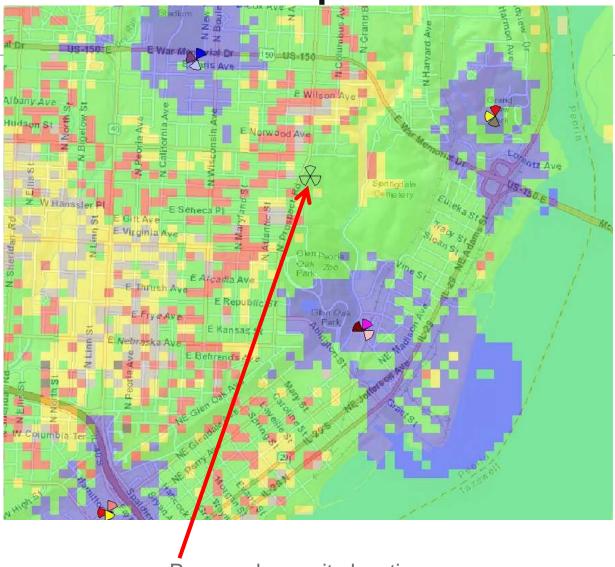
The primary objectives of this site are:

- 1. Improve coverage near War Memorial Drive and N Prospect Road.
- 2. Add capacity to the area. Off load existing cell sites near Peoria Heights and Glen Oaks.

Coverage plots generated at 700 MHz



With-out Proposed Site

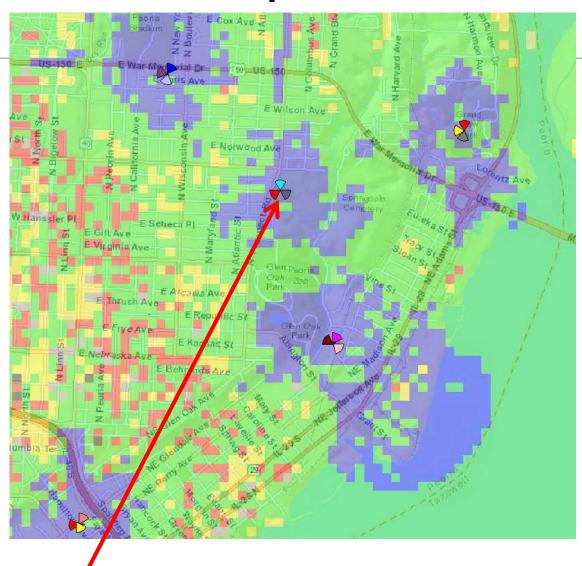


Reliable In-Residence
Reliable In-Vehicle
Reliable On-Street
Marginal Coverage

Proposed new site location



With Proposed Site



Reliable In-Residence

Reliable In-Vehicle Reliable On-Street

Marginal Coverage

Proposed new site location



List of Existing Sites in Peoria

- **1. S Peoria HTS**: 1003 N. Toledo Avenue. Verizon antennas installed on a water tower at 99ft.
- 2. Stadium: 525 East Paris Avenue. Verizon antennas installed on a monopole at 110ft.
- **3. University**: 3511 N Dries Lane. Verizon antennas installed on a monopole at 120ft.
- Peoria Central: 1790 W. Gift Avenue. Verizon antennas installed on a monopole at 100ft.
- **5. Bradley**: 922 N. Glenwood Avenue. Verizon antennas installed on a self support structure at 112ft.
- **6. YMCA**: 714 Hamilton BLVD. Verizon antennas installed on a roof top at 87ft.
- 7. Glen Oaks: 2120 Northeast Perry. Verizon antennas installed on a self support structure at 182ft.



June 29, 2016

RE: Proposed Wireless Telecommunications Facility at 3014 N Prospect Collocation Feasibility

To Whom It May Concern:

Parallel Infrastructure and Verizon Wireless conducted an extensive search of all possible candidate locations within and outside a RF targeted location necessary to satisfy the network capacity and coverage requirements. After our extensive and exhaustive search of all viable candidates in this highly residential area, it is our professional opinion the Springdale Cemetery & Mausoleum is the best location in the area for a new wireless facility.

Parallel Infrastructure and Verizon Wireless have designed the proposed stealth wireless facility with the ability to collocate another wireless carrier. The proposed facility will consist of a 105' stealth flagpole tower and a 50' x 50' lease area, which can accommodate four carriers. The flagpole has been designed at 105' to better blend into and not affect the character of the neighborhood. In a traditional monopole design all of each carrier's antennas can be at the same height, however with a stealth flagpole carriers will stack their antennas at multiple heights. Each carrier's equipment will use approximately 10' of the height of the flagpole. Verizon will place their equipment at a 100' centerline. The next carrier will place their equipment at a 90' centerline.

Parallel Infrastructure and Verizon Wireless believe that 3014 N Prospect should be recommended for approval before the Planning and Zoning Commission for the proposed wireless telecommunications facility as it meets all of Verizon network's parameters and satisfies the requirements of the City of Peoria.

Sincerely,

Kathleen H. Groark Insite RE, Inc. 1s660 Midwest Rd., Ste. 140 Oakbrook Terrace, IL 60181 (224) 531-1370 groark@insite-inc.com

PI TOWER DEVELOPMENT, LLC. WIRELESS COMMUNICATIONS FACILITY

APPLICATION FOR A SPECIAL USE PERMIT, LANDSCAPING VARIANCE, AND STRUCTURE DESIGN VARIANCE

3014 N. PROSPECT RD, PEORIA, IL 61603

CITY OF PEORIA WIRELESS COMMUNICATIONS FACILITY PROJECT SUMMARY

Petitioner

Verizon Wireless is a leading national wireless phone carrier and offers one of the finest wireless communications networks in the nation. PI Tower Development, LLC is a tower company that provides wireless towers to wireless phone carriers for collocation. Parallel Infrastructure, on behalf of Verizon Wireless, has negotiated a lease to install a wireless antenna facility at 3014 N. Prospect Rd, Peoria, IL 61603.

Collocation

Collocation is the placement of wireless antennas on existing towers or structures. Utilizing such structures offers your community improved wireless service while minimizing the proliferation of towers. Construction of the proposed new stealth tower would allow another company to collocate, minimizing the proliferation of towers in the area.

The wireless industry is enjoying explosive growth, both domestically and internationally. Industry sources anticipate the number of antenna sites in the United States will continue to grow. Without collocation, the number of towers could increase 600 percent or more.

Cellular and other wireless phones have become a widely used and accepted form of business, personal and other communications. In addition to traditional voice service, people are using them for access the Internet, text messaging, email and other data transfer. In addition to the many well-know business and personal uses of wireless communications, wireless phone networks have become a critical part of the nation's emergency communications infrastructure. Recent studies indicate that over 65 million "911" and distress calls were placed on wireless phones in the United States annually. Wireless networks not only provide a means for everyday business and personal communications, but have also become an essential part of the nation's emergency communications infrastructure.

Property Description

Parallel Infrastructure, on behalf of Verizon Wireless, proposes to install a 110' - 0" stealth flagpole tower with new antennas at the height of 100'-0". The new flagpole will have the capacity to accommodate (1) additional carrier. Verizon Wireless will place its antennas at a height of 100'. The lease area will be enclosed by a matching the existing fence. Verizon's related equipment will be located within an approximate (20' x 36') lease area adjacent to the monopole. Access to the facility will be via the existing access road off N. Prospect Road. The proposed facility lies within the R3 – Single Family Residential District.

Nature of Request/Zoning Analysis

Article 3.3(c), Application Process, of the City of Peoria Zoning Ordinance, states in relevant part that telecommunications installations which are not exempt, shall require a Special Use approval and are subject to the provisions and procedures of Section 2.15 Special Uses of this Ordinance.

Article 3.3(d)(8), Landscaping, of the City of Peoria Zoning Ordinance, states in relevant part that equipment shelters shall be landscaped and maintained with a buffer of plant materials that screens the view of the shelter from adjacent street and/or residential properties. The standard buffer shall consist of a landscaped strip at least ten (10) feet wide outside the perimeter of the fence surrounding the equipment shelter.

Article 3.3(d)(7), Accessory Building/Structure Design, of the City of Peoria Zoning Ordinance, states in relevant part that fence enclosures shall include wrought iron. This shall include the utilization of stealth or concealment designs as may be required by the City.

Article 3.3(n), Relief, of the City of Peoria Zoning Ordinance, states in relevant part that any applicant desiring relief, waiver or exemption from any aspect or requirement of this Ordinance may request such, provided that the relief or exemption is contained in the submitted Application for either a Special Use or Administrative Permit, or in the case of an existing or previously granted Special Use or Administrative Permit a request for modification of its tower and/or facilities.

Pursuant to the above referenced sections of the City of Peoria Zoning Ordinance, Parallel Infrastructure, on behalf of Verizon Wireless, seeks a Special Use Permit, Waiver for Landscaping and Fence, Waiver for Accessory Building/Structure Design, and any other permits necessary to allow the installation of its proposed wireless communications facility located at 3014 N. Prospect Rd, Peoria, IL 61603.

Parallel Infrastructure, on behalf of Verizon Wireless', proposed wireless communications facility complies with all of the standards and requirements for **wireless communications facilities** as set forth in the *City of Peoria Zoning Ordinances*.

Components and Operations

The proposed facility will be unstaffed and, upon completion, will require only infrequent maintenance visits (approximately once a month) by a service technician. Access to the proposed facility will be via the access road off N. Prospect Rd. Hence, the facility will not have any material impact on traffic or parking.

The proposed facility is entirely self-monitored by sophisticated computers which connect directly to a central office and which alert personnel to equipment malfunction or breach of security. Moreover, no material noise, glare, smoke, debris, traffic flow or any other nuisance will be generated by the proposed facility.

The proposed facility will be designed and constructed to meet applicable governmental and industry safety standards. Specifically, Parallel Infrastructure, on behalf of Verizon, will comply with FCC and FAA rules governing construction requirements, technical standards, interference protection, power and height limitations and radio frequency standards.

The applicant's proposed Wireless Telecommunications Facilities shall be maintained in a safe manner, and in compliance with all conditions of the Special Use Permit, without exception, unless specifically granted relief by the City in writing, as well as all applicable and permissible local codes, ordinances, and regulations, including any and all applicable city, state and federal laws, rules, and regulations.

Requested Action

PI Tower Development, LLC, on behalf of Verizon Wireless, respectfully requests a Special Use Permit, a Variance from Landscaping, a Variance from Structure Design, and any other relief necessary to accommodate the installation of its proposed wireless communications facility on 3014 N. Prospect Rd, Peoria, IL 61603.

PI Tower Development, LLC, on behalf of Verizon Wireless, expressly reserves all of its rights, including those available to it under the City of Peoria Zoning Ordinance or any other state, local or federal law.