

ORDINANCE NO. 17,775

AN ORDINANCE AMENDING SPECIAL USE ORDINANCE NO. 14,832, AS AMENDED, IN A CLASS R-7 (MULTI-FAMILY RESIDENTIAL) DISTRICT FOR A WIRELESS COMMUNICATION TO ALLOW A TOWER HEIGHT EXTENSION FOR THE PROPERTY LOCATED AT 1601 W GIFT AVENUE (PARCEL IDENTIFICATION NO.14-32-153-022), PEORIA, IL

WHEREAS, the property herein described is now zoned in a Class R-7 (Multi-Family Residential) District; and

WHEREAS, said Planning & Zoning Commission has been petitioned to amend a Special Use for a Wireless Communication Tower for a Height Extension under the provisions of Section 2.9 of Appendix A, the Unified Development Code of the City of Peoria; and

WHEREAS said Planning & Zoning Commission held a public hearing on May 7, 2020, pursuant to a notice of the time and place thereof in a newspaper of general circulation in the City of Peoria, not less than fifteen (15) days nor more than thirty (30) days prior to said hearing as required by law; and

WHEREAS, said Planning & Zoning Commission has submitted its report of said hearing and the City Council finds that to permit such special use amendment will not adversely affect the character of the neighborhood, and will not unduly burden the public utility facilities in the neighborhood;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PEORIA, ILLINOIS, AS FOLLOWS:

Section 1. That an amendment to a Special Use for a Wireless Communication Tower is hereby approved for a height extension for the following described property:

Lease Parcel:

Part of Lot six (6) in Gilbert Court, a part of the Southwest Quarter of the Northwest Quarter of Section 22, Township 9 North, Range 8 East of the Fourth Principal Meridian, Peoria County, Illinois, more particularly bounded and described as follows:

Commencing at the corner on the West side of said Lot 6, that is the Northeast corner of Lot 4 in Gilbert Court and is also on the line of Gilbert Court, as the point of beginning of the Tract of land to be described;

Thence Northeasterly, along the Westerly line of said Lot 6, on a curve to the left, having a radius of 60 feet an arc length of 31.94 feet; thence S 50° 04' 25" E, as distance of 48.95 feet; thence S 39° 55' 24" W, a distance of 74.27 feet, to a point on the West line of said Lot 6; thence N 00° 37' 00" E, along the West line of said Lot 6, a distance of 40.25 feet; thence N 26° 57' 00" W, continuing along the Westerly line of said Lot 6, a distance of 30.20 feet, to the point of beginning containing 2418 square feet more or less.

Access and Utility Easement:

Part of Lot six (6) in Gilbert Court, a part of the Southwest Quarter of the Northwest Quarter of Section 22, Township 9 North, Range 8 East of the Fourth Principal Meridian, Peoria County, Illinois, more particularly bounded and described as follows:

Commencing at the corner on the West side of said Lot 6 that is the Northeast corner of Lot 4 in Gilbert Court and is also on the line of Gilbert Court; hence Northeasterly, along the Westerly line of said Lot 6, on a curve to the

left, having a radius of 60 feet an arc length of 31.94 feet; thence S 50° 04' 25" E, a distance of 15.22 feet, to the point of beginning of the centerline of the easement to be described;

Thence N 40° 27' 45" E, a distance of 93.16 feet; thence N 07° 02' 54" E, a distance of 48.65 feet, more or less to a point on the Southerly right-of-way line of Gift Avenue, said point being the end of the centerline of said easement.

Parcel Identification No. 14-32-153-022

Said Ordinance is hereby approved per the submitted Site Plan (Attachment A) and the following conditions:

- 1) Provide solid screening for the street facing façade of the fenced equipment facility.

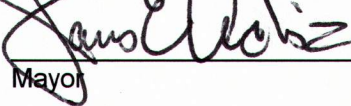
Section 2. All provisions of Appendix A, the Unified Development Code of the City of Peoria, with respect to the Class R-7 (Multi-Family Residential) District shall remain applicable to the above-described premises, with exception to the Special Use herein permitted.

Section 3. This Ordinance shall be in full force and effect from and after its passage and approval according to law.

PASSED BY THE CITY COUNCIL OF THE CITY OF PEORIA, ILLINOIS THIS

26 DAY MAY, 2020.

APPROVED



Mayor

ATTEST:

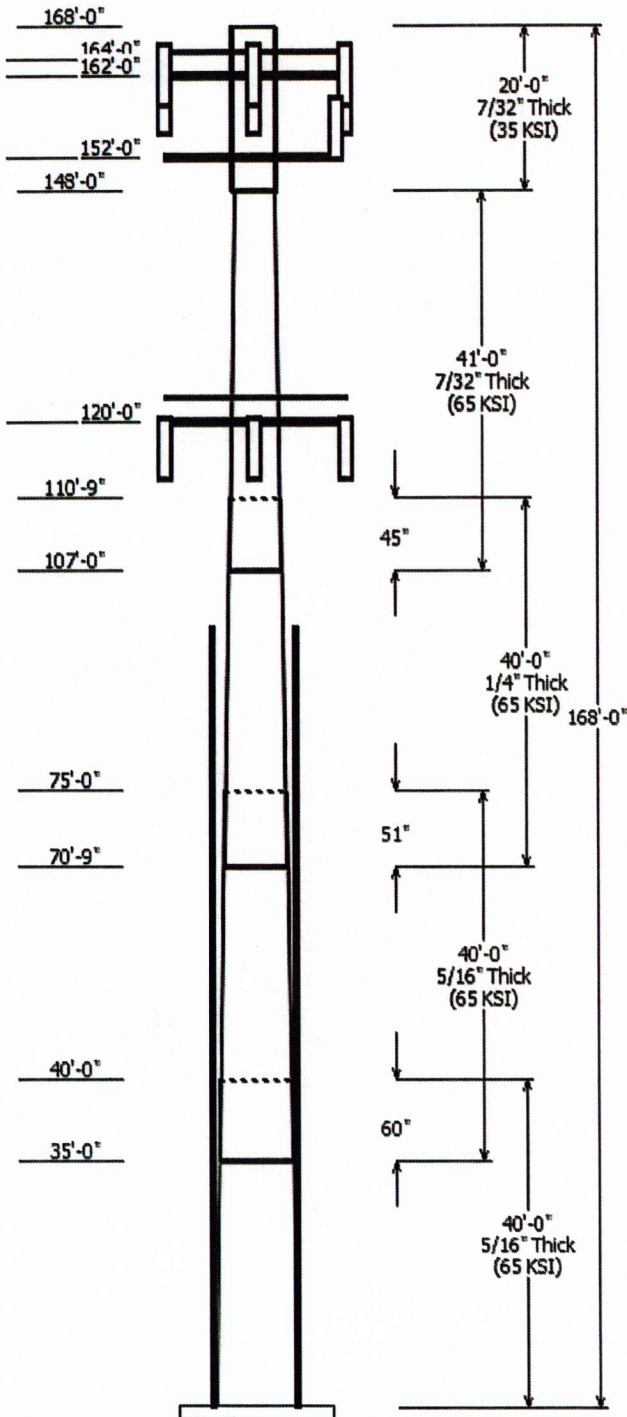


City Clerk

EXAMINED AND APPROVED:



Corporation Counsel



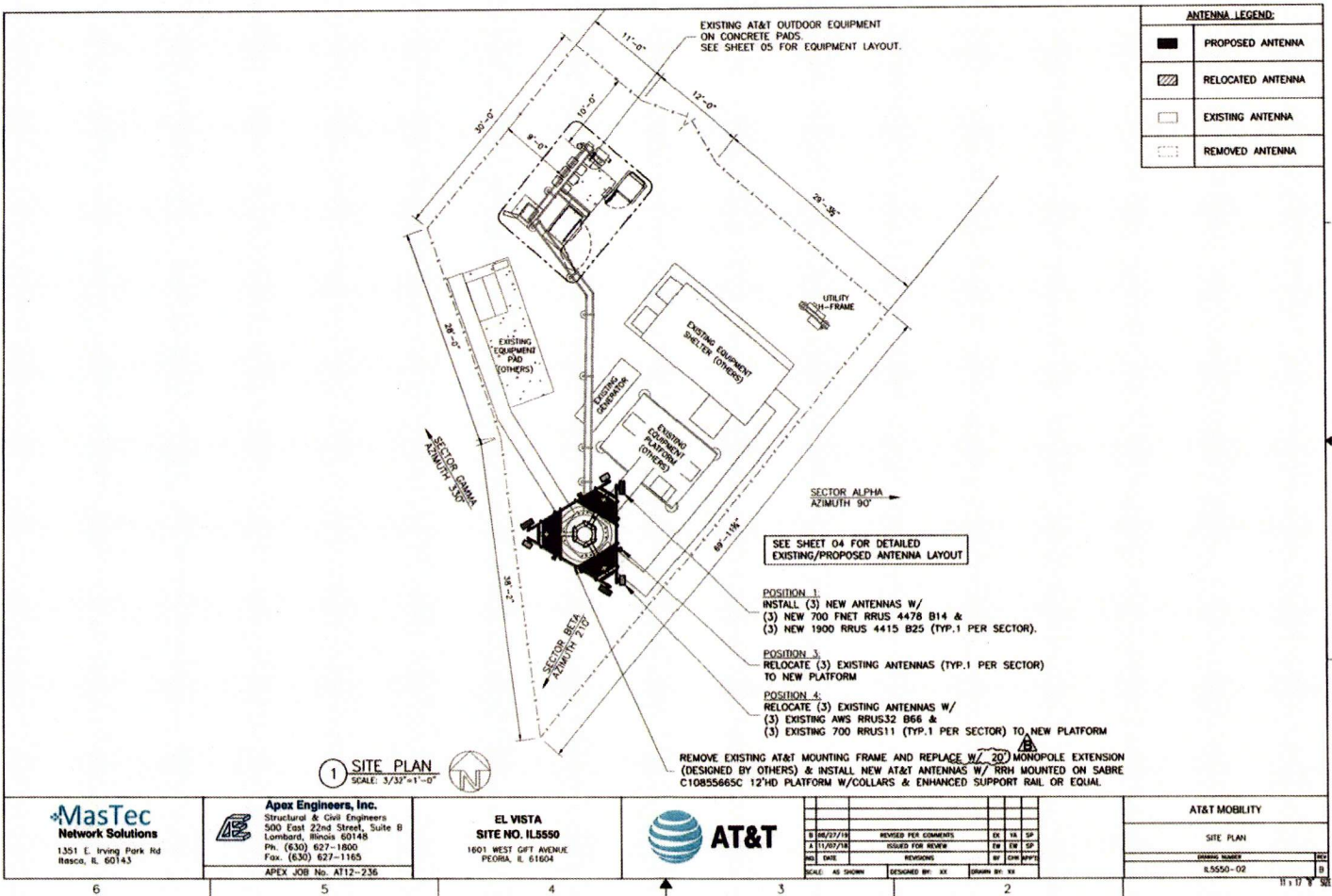
0.000	162.0	0.89" (22.6mm) 8	No
0.000	162.0	1 5/8" Coax	Yes
0.000	162.0	3/8" (0.38"-	No
0.000	165.0	Safety Climb	Yes
0.000	165.0	Step Pegs	Yes

Load Cases	
1.2D + 1.6W	90 mph with No Ice
0.9D + 1.6W	90 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	40 mph with 1.00 in Radial Ice
(1.2 + 0.2Sds) * DL + E	Seismic Equivalent Lateral Forces Method
(1.2 + 0.2Sds) * DL + E	Seismic Equivalent Modal Analysis Method
(0.9 - 0.2Sds) * DL + E	Seismic (Reduced DL) Equivalent Lateral
(0.9 - 0.2Sds) * DL + E	Seismic (Reduced DL) Equivalent Modal
1.0D + 1.0W	Serviceability 60 mph

Reactions			
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.6W	2718.32	23.45	76.02
0.9D + 1.6W	2568.35	22.22	57.01
1.2D + 1.0Di + 1.0Wi	626.75	4.68	123.90
(1.2 + 0.2Sds) * DL + E ELFM	237.52	1.91	76.17
(1.2 + 0.2Sds) * DL + E EMAM	178.91	1.68	76.17
(0.9 - 0.2Sds) * DL + E ELFM	232.23	1.91	53.84
(0.9 - 0.2Sds) * DL + E EMAM	174.81	1.67	53.84
1.0D + 1.0W	719.20	6.17	63.39

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
	0.00	0.000	0.000

PROJECT INFORMATION APPLICANT: 920 NATIONAL PARKWAY, FARMINGTON, CT 06032 PHONE: 860-227-9902 TELEPHONE COMPANY: BSNL PHONE: (860) 922-6619 POWER COMPANY: AMEREN CTS GROUND ELEVATION: 607 MET. LAT/LONG TYPE: NAD 83 LONGITUDE: 87° 37' 09.998" W LATITUDE: 43° 43' 13.699" N PARCELS: 43 PARCEL NUMBER: 180 CONTACT PERSON: JAMES FLETCHER PHONE: 201-256-4756 PROPERTY OWNER: AMERICAN TOWER CORPORATION (ATL 50690, EL VISTA) SITE ADDRESS: 1601 WEST GIRT AVENUE, FARMINGTON, CT 06024 SITE ACQUISITION TYPE: MONOPOLY PROPOSER USE: TELECOMMUNICATIONS FACILITY FAA CODE: 100P172		DRAWING INDEX REV B SITE PLAN (1) (SEE SHEET 20) B ELEVATION (1) (SEE SHEET 20) B EQUIPMENT LAYOUT (1) (SEE SHEET 20) B RUS SPECIFICATIONS (1) (SEE SHEET 20) B ANTENNA MATRIXX (1) (SEE SHEET 20) B CONSTRUCTION DETAILS (1) (SEE SHEET 20) B FIBER/OPTIC JUMPER COLOR CODING (1) (SEE SHEET 20) B MOUNT MODIFICATION (1) (SEE SHEET 20) B PLATFORM DETAILS (1) (SEE SHEET 20) B PLATFORM DETAILS (1) (SEE SHEET 20)		SITE QUALIFICATION PARTICIPANTS NAME: SATISH PATEL COMPANY: APEX ENGINEERS, INC. A/E: SATISH PATEL SA: MANUEL M FERNA RF: LAURE FERREMAN CM: MASTIC (860) 627-1800 (860) 627-1800 (860) 627-1800 (860) 627-1800	
APPLICABLE BUILDING CODES AND STANDARDS 700 <input checked="" type="checkbox"/> AWS 1900 <input checked="" type="checkbox"/> WCS 850 <input type="checkbox"/> FNET 700 <input type="checkbox"/>		PROJECT DESCRIPTION: REMOVE EXISTING MOUNTING FRAME & REPLACE W/ 20' MONOPOLY EXTENSION. INSTALL NEW PLATFORMS, REROUTE (6) ANTENNAS REPLACE (3) EXISTING ANTENNAS, INSTALL (6) NEW RUS ON POS.1. REMOVE (6) COAX CABLES & GSM TMA. ADD (1) DC POWER & (1) FIBER CABLES, ADD (1) NEW RAYCAP DCS.			
AT&T APPROVAL SITE ACQUISITION MANAGER: _____ DATE: _____ MASTIC CONSTRUCTION MANAGER: _____ DATE: _____ MASTIC SA SPECIALIST: _____ DATE: _____ MASTIC COMPLIANCE MANAGER: _____ DATE: _____ MASTIC PROJECT MANAGER: _____ DATE: _____		AT&T MOBILITY APPROVAL REAL ESTATE: _____ DATE: _____ RF: _____ DATE: _____ OPERATION: _____ DATE: _____			
APPLICABLE BUILDING CODES AND STANDARDS CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY (MAY BE SUSPENDED FOR THE LENGTH OF THE CONTRACT PERIOD). THE FOLLOWING CODES AND STANDARDS ARE IN EFFECT ON THE DATE OF CONTRACT AWARD. THE CONTRACTOR SHALL VERIFY THE EFFECTIVE DATE OF THE FOLLOWING STANDARDS WITH THE LOCAL BUILDING AUTHORITY. [NFPA 700 - 2009 (LIQUIDATING PROTECTION CODE)] [NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70-2009] [INTERNATIONAL BUILDING CODE (IBC) 2015 AS ADOPTED BY LOCAL BUILDING AUTHORITY] [INTERNATIONAL ELECTRICAL CODE (NEC) 2015 AS ADOPTED BY LOCAL BUILDING AUTHORITY] [NATIONAL ELECTRICAL CODE (NEC) 2015 AS ADOPTED BY LOCAL BUILDING AUTHORITY] [NFPA 700 - 2009 (LIQUIDATING PROTECTION CODE)] [INTERNATIONAL BUILDING CODE (IBC) 2015 AS ADOPTED BY LOCAL BUILDING AUTHORITY] [INTERNATIONAL ELECTRICAL CODE (NEC) 2015 AS ADOPTED BY LOCAL BUILDING AUTHORITY]					
GENERAL NOTES 1. THESE DRAWINGS ARE PREPARED BASED ON INFORMATION PROVIDED BY MASTIC NETWORK SOLUTIONS, GENERAL CONTRACTOR TO VERIFY AND INCORPORATE MOST RECENT VERSION OF RFP'S PRIOR TO CONSTRUCTION.		CONSTRUCTION THESE DRAWINGS ARE PREPARED BASED ON INFORMATION PROVIDED BY MASTIC NETWORK SOLUTIONS, GENERAL CONTRACTOR TO VERIFY AND INCORPORATE MOST RECENT VERSION OF RFP'S PRIOR TO CONSTRUCTION.			
AT&T MOBILITY THIS SHEET LICENSE NO. 081-004998 PATEL		APEX ENGINEERS, INC. Structural & Civil Engineers 500 East 22nd Street, Suite B Lombard, Illinois 60148 Ph: (630) 627-1800 Fax: (630) 627-1155 APEX JOB NO. AT12-236 EL VISTA SITE NO. IL5550			



MasTec
Network Solutions
1351 E. Irving Park Rd
Roscoe, IL 60143

Apex Engineers, Inc.
Structural & Civil Engineers
500 East 22nd Street, Suite B
Lombard, Illinois 60148
Ph. (630) 627-1800
Fax. (630) 627-1165
APEX JOB No. AT12-236

EL VISTA
SITE NO. IL5550
1601 WEST GIFT AVENUE
PEORIA, IL 61604



NO.	DATE	REVISIONS	BY	CHK	APP'D
1	11/27/18	REVISED FOR COMMENTS	EL	JK	SP
2	11/27/18	REVISED FOR REVIEW	EL	EW	SP
3	11/27/18	REVISED FOR REVIEW	EL	EW	SP

SCALE: AS SHOWN DESIGNED BY: AK DRAWN BY: XK

AT&T MOBILITY	
SITE PLAN	
DRAWING NUMBER	02
ISSUE NUMBER	IL5550-02
11 17 18	

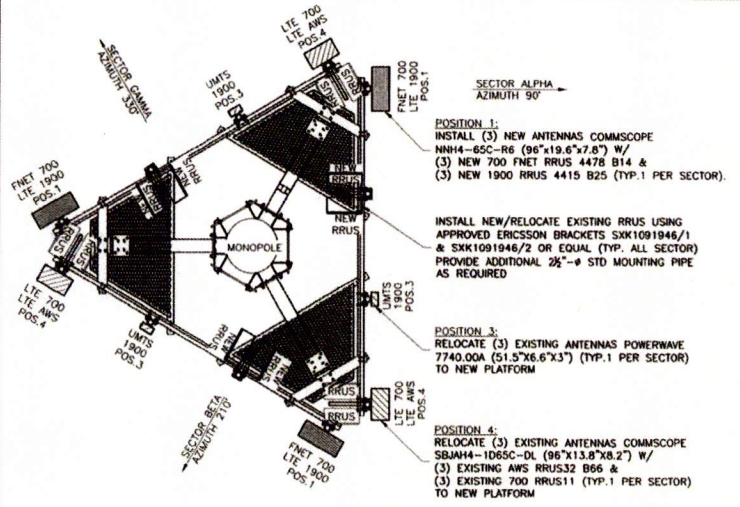
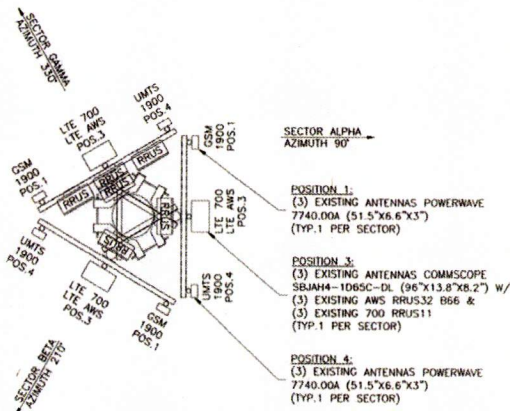
(1) EXISTING RAYCAP DC6-48-60-18-BC

EXISTING ANTENNA MODELS, POSITIONS & AZIMUTHS ARE ASSUMED BASED ON RFDS. CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION & COORDINATE WITH AT&T RF ENGINEER FOR ANY DISCREPANCY.
REFER TO RF DESIGN SHEET FOR ADDITIONAL INFORMATION ON TMA'S, DIPLEXERS/DC&FIBER BOX/SQUID

(1) EXISTING RAYCAP DC6-48-60-18-BC TO REMAIN. ADD (1) NEW RAYCAP DC6-48-60-18-BC-EV.

RELOCATE/ ADD/ REPLACE MOUNTING PIPES AS REQUIRED TO ACCOMMODATE NEW ANTENNAS

NOTE:
1. REMOVE (3) EXISTING GSM ANTENNAS W/ (6) COAX CABLES & GSM TMA'S FROM POS.1.
2. REMOVE EXISTING AT&T MOUNTING FRAME AND REPLACE W/ 20' MONOPOLE EXTENSION (DESIGNED BY OTHERS) & INSTALL NEW AT&T ANTENNAS W/ RRH MOUNTED ON SABRE C10855665C 12"HD PLATFORM W/COLLARS & ENHANCED SUPPORT RAIL OR EQUAL W/NEW 2 1/2" OD MOUNTING PIPES.
3. GS TO VERIFY WITH RF ENGINEER NEW PLATFORM ORIENTATION AND INSTALL AS NEEDED



1 EXISTING ANTENNA LAYOUT
SCALE: N.T.S.

2 PROPOSED ANTENNA LAYOUT
SCALE: N.T.S.

MasTec
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1351 E Irving Park Rd
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500 East 22nd Street, Suite B
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Fax: (630) 627-1165
APEX JOB No. AT12-236

EL VISTA
SITE NO. IL5550
1601 WEST CIFT AVENUE
PICOCA, IL 61604



DATE	REVISION	BY	CHK	APP
09/27/18	REVISED PER COMMENTS	JK	YA	SP
11/02/18	REVISED FOR REVIEW	JK	EW	SP
01/08/19	REVISION	BY	CHK	APP
SCALE: AS SHOWN				
DESIGNED BY: JK		DRAWN BY: JK		

AT&T MOBILITY	
ANTENNA LAYOUT	
DRAWING NUMBER	IL5550-04
DATE	11/17/18

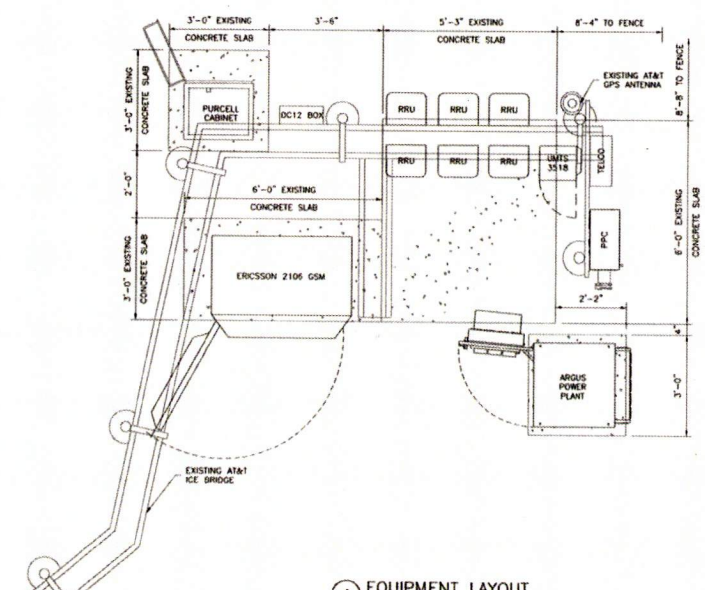
NOTES:

1. EXISTING SPACE FOR PROPOSED EQUIPMENT ASSUMED TO BE ADEQUATE. PRIOR TO INSTALLATION, COORDINATE FINAL LOCATION WITH CONSTRUCTION MANAGER.
2. COORDINATE WITH CONSTRUCTION MANAGER FOR THE PROVISION OF DC CIRCUIT BREAKERS AND OTHER ANCILLARY ITEMS TO SUPPORT THE NEW EQUIPMENT.
3. PROPERLY BOND ALL EQUIPMENT AND CONDUCTIVE SURFACES TO EXISTING GROUND PER NEC AND AT&T STANDARDS.
4. PURCELL CABINET TO INCLUDE LTE DIGITAL UNIT (DU), GPS 01 RECOVER PER MANUFACTURER'S INSTRUCTIONS.

FINAL BBU CONFIGURATION:
 (1) EXISTING 6601, & (1) EXISTING XMU.
 DECOM (1) DUS41.
 ADD (1) 5216, (2) 6601, & (1) XMU.
 ADD (6) 25A BREAKERS & (1) RECTIFIERS.

DECOM UMTS/GSM AS SHOWN ON SCOPING FORM.

(1) EXISTING DC12-48-60-0-25E TO REMAIN.



1 EQUIPMENT LAYOUT
 SCALE: 3/8"=1'-0"

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 1351 E. Irving Park Rd
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 SITE NO. IL5550
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 PEORIA, IL 61604



1	12/27/11	REVISED PER COMMENTS	EX	YA	SP
2	1/16/12	REVISED FOR REVIEW	EW	EW	SP
3	DATE	REVISION	BY	CHK	APP
SCALE: AS SHOWN		DESIGNED BY: XX	DRAWN BY: AX		

AT&T MOBILITY	
EQUIPMENT LAYOUT	
JOB NO.	IL5550-05

6

5

4

3

2

11.11.12