



MLA SITE NAME:
O'BRIEN ROAD

APPLICANT SITE NAME:
O'BRIEN ROAD

PROJECT: NEW SITE BUILD

RFDS CONFIGURATION: 702G RUN

RFDS DATE: 12/22/2015

TOWER MFR: TBD

TOWER MFR #: TBD

DRAWING DESCRIPTION: ZONING CD

MLA SITE NUMBER:
MO-0007

APPLICANT SITE NUMBER:
A5C0465A

APPLICANT



PLANS PREPARED FOR



PLANS PREPARED BY



9600 West 169th Street, Suite 300
Overland Park, MO 66207
Phone: 913-438-7700
Fax: 913-438-7777

ENGINEERING LICENSE

STATE OF MISSOURI

STATUS OF AUTHORIZATION

NAME OF ENGINEER

NO. OF YEARS

NO. OF MONTHS

NO. OF DAYS

NO. OF HOURS

NO. OF MINUTES

NO. OF SECONDS

NO. OF MILLISECONDS

NO. OF MICROSECONDS

NO. OF NANoseconds

NO. OF PICOseconds

NO. OF FEMTOseconds

NO. OF ATTOseconds

NO. OF ZEPTOseconds

NO. OF YOKTOseconds

NO. OF SEPTOseconds

NO. OF OCTOseconds

NO. OF NONOseconds

NO. OF DECAseconds

NO. OF HECTOseconds

NO. OF KILLOseconds

NO. OF MEGASEconds

NO. OF GIGASEconds

NO. OF TERASEconds

NO. OF PETASEconds

NO. OF EXASEconds

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NO. OF YOTTASEconds

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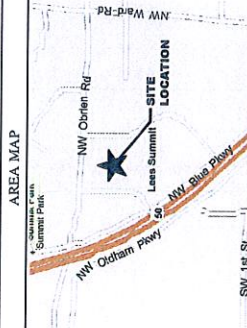
NO. OF MEGASEconds

NO. OF GIGASEconds

NO. OF TERASEconds

NO. OF PETASEconds

NO. OF YOTTASEconds



JURISDICTION COMPLIANCE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE APPLICABLE LOCAL, STATE AND FEDERAL CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITY. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- INTERNATIONAL BUILDING CODE
- INTERNATIONAL FIRE CODE
- ANSI/TIA-222 STRUCTURAL STANDARD
- NFPA 70A - LIGHTNING PROTECTION CODE
- NATIONAL ELECTRICAL CODE
- NATIONAL FIRE CODE
- 2012 INTERNATIONAL FIRE CODE

811

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THE UTILITIES AS SHOWN ON THIS SET OF DRAWINGS WERE DEVELOPED FROM THE INFORMATION AVAILABLE. THE INFORMATION PROVIDED IS NOT INTENDED TO BE THE COMPLETE RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES (WHETHER SHOWN OR NOT) AND PROTECT SAID UTILITIES FROM ANY DAMAGE CAUSED BY CONTRACTOR'S ACTIVITIES.

SITE INFORMATION

SITE ADDRESS: TBD NW EXECUTIVE WAY
LEES SUMMIT, MISSOURI
64063

COUNTY: JACKSON

PROPERTY OWNER: FORTY HIGHWAY PROPERTIES LLC
PO BOX 6853
LEES SUMMIT, MISSOURI
64064

TOWER INFORMATION: LATITUDE: 38° 55' 04.48" N (NAD 83)
LONGITUDE: 94° 23' 56.45" W (NAD 83)
GROUND ELEV: 981.07 AMSL
OVERALL HEIGHT: 90'-0" AGL
TOWER TYPE: LANTERN
APPLICANT CL: 90'-0" AGL

LESSOR: ECO-SITE
240 LEIGH FARM ROAD, SUITE 415
DURHAM, NC 27707

APPLICANT: T-MOBILE
12980 S. FOSTER STREET, SUITE 200
OVERLAND PARK, KS 66213

SURVEYOR: LOVELACE & ASSOCIATES, LLC
P.O. BOX 88
LEES SUMMIT, MO 64063

SHEET NO	TITLE SHEET	REV	ENGINEER
T-1.0	TITLE SHEET	B	SC
A-1.0	OVERALL SITE PLAN	B	SC
A-1.1	ENLARGED SITE PLAN	B	SC
A-2.0	TOWER ELEVATION	B	SC

APPROVALS

SIGNER	SIGNATURE	DATE
T-MOBILE CONSTRUCTION MANAGER		
T-MOBILE RF ENGINEER		
ECO-SITE		
LANDLORD		

CONSULTING TEAM

ENGINEERING: SSC, INC.
16811 169TH STREET, SUITE 300
OVERLAND PARK, KANSAS 66210
PHONE: (913) 438-7700
FAX: (913) 438-7777

M.L. OWENS - LEAD ENGINEER
S.D. KEISLING - LEAD ELECTRICAL
M. THOMAS - PROJECT MANAGER
D.C. PELLAND - LEAD DESIGNER

APPLICANT NAME & SITE NUMBER
O'BRIEN ROAD
MO-0007

APPLICANT NAME & SITE NUMBER
O'BRIEN ROAD
A5C0465A

SITE ADDRESS
TBD NW EXECUTIVE WAY
LEES SUMMIT, MISSOURI
64063

SHEET DESCRIPTION
TITLE SHEET

SHEET NUMBER
T-1.0

APR 19 2016

-2016-053-

Planning & Codes Admin

-2016-054-



A5C0465
PART OF THE SE 1/4, SECTION 1, T47N, R32W,
IN JACKSON COUNTY, MISSOURI

PROPOSED CELL TOWER DATA
Center of Tower: North
Longitude: 84°23'56.45" West
Ground Elevation = 817ft

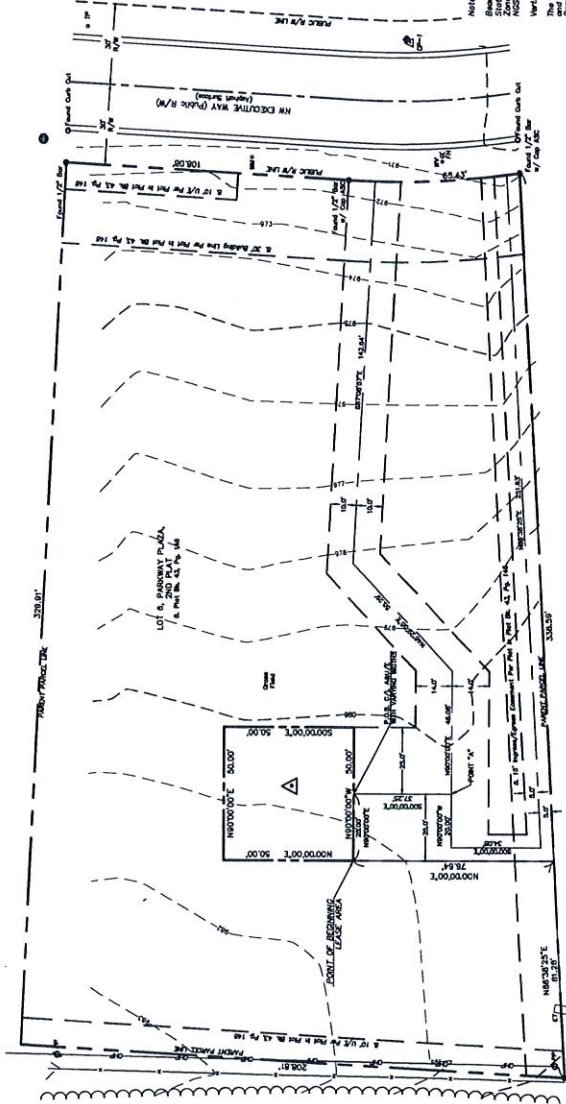
BENCH MARK
Top of 1/2" Iron Bar w/
Capstone
Cornerstone # 8716281

PROPERTY LEGEND

ROAD CORNER	○
RIGHT OF WAY	—
CONTIGUOUS	—
POINT OF BEGINNING	●
POINT OF TERMINATION	▲
ACCESS/UTILITY EASEMENT	—
UTILITY EASEMENT	—
NON-EXCLUSIVE	—

LEGEND

POWER POLE	⊕
TELEPHONE FACILITY	⊕
ELECTRIC TRANSMISSION	—
WATER MAIN	—
WATER METER	⊕
WATER VALVE	⊕
PIPE (SIGNAL, TELL)	—
TRUNK	—
TRUNK LINE	—
FENCE	—
OVERHEAD POWER LINE	—
BROOK/STREAM	—
CONTROL POINT	⊕



PROPERTY DESCRIPTION: LEASE AREA (AS SURVEYED)

A 50 feet by 50 feet Lease Area, situated in Lot 6, PARKWAY PLAZA, 2ND PLAT, part of Section 1, Township 47 North, Range 32 West, in Jackson County, Missouri, more particularly described as follows:
COMMENCING at the Southwest Corner of said Lot 6 (Found 1/2" Bar w/ Cap "ASC"); thence along the South line of said Lot 6, North 86°38'25" East, a distance of 81.28 feet; thence along said South line, North 00°00'00" East, a distance of 76.64 feet to the POINT OF BEGINNING; thence continuing North 00°00'00" East, a distance of 50.00 feet to the POINT OF BEGINNING; thence South 00°00'00" East, a distance of 50.00 feet; thence North 30°00'00" West, a distance of 50.00 feet to the POINT OF BEGINNING. Containing 2,500 square feet.

PROPERTY DESCRIPTION: NON-EXCLUSIVE ACCESS/UTILITY EASEMENT (AS SURVEYED)

A Non-Exclusive Access/Utility Easement, situated in Lot 6, PARKWAY PLAZA, 2ND PLAT, part of Section 1, Township 47 North, Range 32 West, in Jackson County, Missouri, with varying widths on each side of the following described centerline:
COMMENCING at the Southwest Corner of said Lot 6 (Found 1/2" Bar w/ Cap "ASC"); thence along the South line of said Lot 6, North 86°38'25" East, a distance of 81.28 feet; thence along said South line, North 00°00'00" East, a distance of 76.64 feet to the POINT OF BEGINNING; thence continuing North 00°00'00" East, a distance of 50.00 feet to the POINT OF BEGINNING; thence South 00°00'00" East, a distance of 50.00 feet; thence North 30°00'00" West, a distance of 50.00 feet to the POINT OF BEGINNING. Containing 2,500 square feet.

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2016-053 -
-2016-054 -

SSC
LOVELACE & ASSOCIATES, LLC
1935 Industrial Loop South, Missouri 64603
Phone: (816) 437-9977
Fax: (816) 437-9979

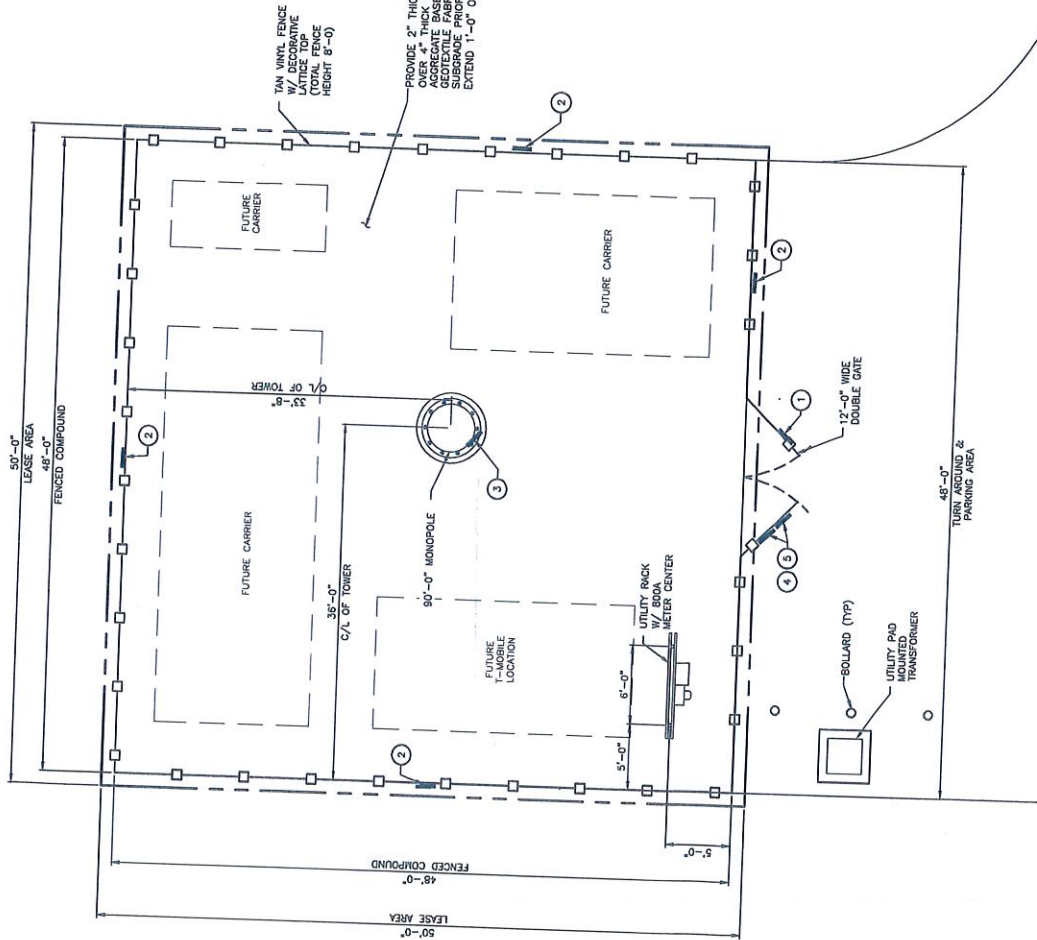
LOVELACE & ASSOCIATES, LLC
1935 Industrial Loop South, Missouri 64603
Phone: (816) 437-9977
Fax: (816) 437-9979

SCALE 1" = 20'
20' 0' 20' 40'

DATE: 04-14-16; ADD'D DESCRIPTIONS

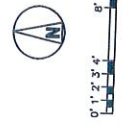
SHEET NUMBER
1 OF 1

- SIGN SCHEDULE** (SIGNS WILL BE FURNISHED & INSTALLED BY ECO-SITE)
- ① YELLOW CAUTION SIGN MOUNTED ON GATE TO COMPOUND
 - ② RED & WHITE "HIGH VOLTAGE/NO TRESPASSING" SIGN ON FENCE FACING EXTERIOR OF COMPOUND
 - ③ RED WARNING SIGN MOUNTED ON TOWER BY CLIMBING LADDER
 - ④ SSD SIGN, REFER TO SHEET A-3.0 FOR LOCATION
 - ⑤ EMPLOYEE NOTICE SIGN, REFER TO SHEET A-3.0 FOR LOCATION.



PROVIDE 2" THICK CLEAN GRADE B CRUSHED STONE UNDER 1/4" MAX. SIZES. PROVIDE 4" THICK COMPACTED MUDOT (TYPE 2A) UNDER 1/4" MAX. SIZES. PROVIDE 1/2" GEOTEXTILE FABRIC INSIDE COMPOUND ON SUBGRADE PRIOR TO INSTALLING FABRIC. EXTEND 1'-0" OUTSIDE FENCED COMPOUND.

2" VINYL FENCE W/ ALUMINUM LATTICE TOP (TOTAL FENCE HEIGHT 8'-0")



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- 2016 - 054 -

				PLANS PREPARED BY 		8910 West 109th Street, Suite 300 Overland Park, KS Phone: 913-438-7700 Fax: 913-438-1777		ENGINEERING LICENSE STATE OF MISSOURI ENGINEER MICHAEL L. OWENS 10700 N. HIGHWAY 70 OVERLAND PARK, MO 66211 ELECTRICAL		DRAWING NOTICE THIS DRAWING HAS BEEN PREPARED AND IS THE PROPERTY OF THE ENGINEER. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED AND DOES NOT EXTEND TO ANY OTHER SERVICES OR TO ANY OTHER PROJECTS. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED AND DOES NOT EXTEND TO ANY OTHER SERVICES OR TO ANY OTHER PROJECTS.		SUBMITTALS USED FOR ZONING 04/22/16 DDP A 04/27/16 DDP B		ALA NAME & SITE NUMBER O'BRIEN ROAD MO-0007		APPLICANT NAME & SITE NUMBER O'BRIEN ROAD A5C0465A		SITE ADDRESS TBD NW EXECUTIVE WAY LEES SUMMIT, MISSOURI 64063		SHEET DESCRIPTION ENLARGED SITE PLAN		SHEET NUMBER A-1.1	
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ENLARGED SITE PLAN

