GPS COORDINATES

LATITUDE: N38° 49' 25.10"
LONGITUDE: W90° 40' 09.71"
ELEVATION AT GRADE: 505'

LOCAL JURISDICTION INFO

JURISDICTION: ST. CHARLES COUNTY
ZONING: INCORPORATED – MIXED USE
☐EXISTING BUILDING ☐EXISTING TOWER ☒RAWLAND
☐EXISTING WATER TOWER ☐OTHER:

CODE COMPLIANCE

WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY ST. CHARLES COUNTY MUNICIPAL CODE CHAPTER 500 & OTHER GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

BUILDING CODE:	IBC (2009)
ENERGY CONSERVATION CODE:	IECC (2009)
EXISTING BUILDING CODE:	IEBC (2009)
FIRE CODE:	IFC (2009)
FUEL GAS CODE:	IFGC (2009)
MECHANICAL CODE:	IMC (2009)
PLUMBING CODE:	IPC (2009)
PROPERTY MAINTENANCE CODE:	IPMC (2009)
RESIDENTIAL CODE:	IRC (2009)
NATIONAL ELECTRICAL CODE:	NEC (2008)

IBC USE GROUP: U – UTILITY
IBC CONSTRUCTION TYPE: 2C
2009 IBC HEIGHT & AREA COMPUTATIONS:
I. % OPEN AREA: 99.9% ±
II. ACTUAL
FLOOR AREA: 312 SQ. FT.
III. ADJUSTED
TABULAR AREA: N/A
IV. ALLOWABLE
AREA: 14875 SQ. FT.
V. UNLIMITED
AREA BUILDING: N/A

PROFESSIONAL CERTIFICATION

STATE OF MISSOURI
BRUCE L. HARDING
NUMBER A1999135609
ARCHITECT

BRUCE L HARDING, ARCHITECT
REGISTRATION NUMBER: A1999135609

STATE OF MISSOURI
MARTIN VALENTINE
NUMBER 2007005050
PROFESSIONAL ENGINEER

MARTIN VALENTINE., PROFESSIONAL ENGINEER
REGISTRATION NUMBER: 2007005050

MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP-CALL BEFORE YOU DIG!

The Utilities as shown on this drawing were developed from the information available, This is not implied nor intended to be the complete inventory of utilities in this area. It is the clients/contractors responsibility to verify the location of all utilities (whether shown or not) and protect said utilities from any damage.

PYRAMID Network Services, LLC

SHERIFF-DIERKER

ST. CHARLES COUNTY - P25 TRUNKED RADIO/MICROWAVE SYSTEM PROJECT
SITE NUMBER: 13.0
900 T R HUGHES BLVD. (E-911 VERIFIED)
O'FALLON, MO 63366
ST. CHARLES COUNTY

S/H PROJECT #8125800-13

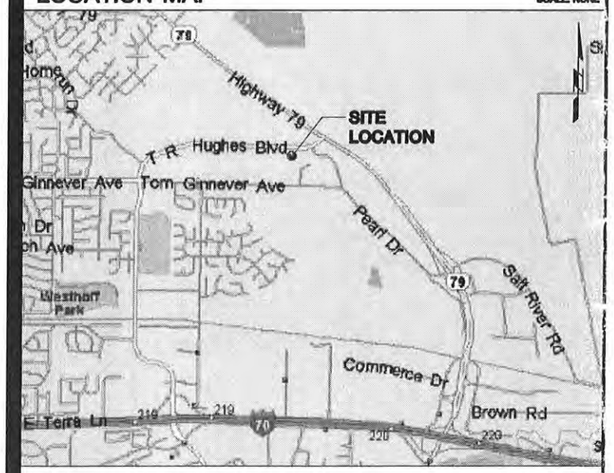
PROPOSED 325' SELF-SUPPORT TOWER

PROJECT DESCRIPTION

1. PROPOSED SELF SUPPORT TOWER INSTALLED WITHIN A NEW LEASE AREA AND FENCED COMPOUND.
2. PROPOSED EQUIPMENT SHELTER INSTALLED WITHIN LEASE AREA AND FENCED COMPOUND.
3. PROPOSED ANTENNAS, COAX CABLE, & ASSOCIATED RF EQUIPMENT INSTALLED ON PROPOSED TOWER AT HEIGHTS LISTED HEREIN.
4. PROPOSED POWER / TELCO SERVICES AND GROUNDING FOR TOWER OWNER AND TENANT.

LOCATION MAP

SCALE: NONE



DRIVING DIRECTIONS

FROM ST. CHARLES COUNTY OFFICE, TRAVEL (NORTH) ON N 2ND ST. TURN LEFT (WEST) ONTO SR-94 [CLARK ST]. BEAR LEFT (WEST) ONTO SR-94 [N KINGSHIGHWAY ST]. KEEP STRAIGHT ONTO SR-94 [S KINGSHIGHWAY ST]. BEAR RIGHT (WEST) ONTO SR-94 [FIRST CAPITOL DR]. BEAR RIGHT (WEST) ONTO SR-94 [FIRST CAPITOL DR S]. TAKE RAMP (RIGHT) ONTO I-70 GOING WEST (7.7 MI). AT EXIT 220, TURN RIGHT ONTO RAMP. TAKE RAMP (RIGHT) ONTO SR-79 (1.9 MI). TURN LEFT (SOUTH) ONTO T R HUGHES BLVD. SITE IS ON THE LEFT (SOUTH) SIDE OF THE ROAD SHORTLY PAST PEARL DR. ARRIVE AT SITE.

NOTES

PROPOSED CONSTRUCTION ACTIVITIES SHALL BE DONE IN ACCORDANCE WITH MOTOROLA'S R-56 DESIGN STANDARDS.

PROJECT SUMMARY

SITE NUMBER:	13.0
SITE NAME:	SHERIFF-DIERKER
SITE ADDRESS:	900 T R HUGHES BLVD. O'FALLEN, MO 63366 ST. CHARLES COUNTY
CURRENT ZONING:	INCORPORATED – MIXED USE
PARCEL NUMBER:	2-0140-3070-00-0002.2710000
PROPERTY OWNER: PROPERTY CONTACT:	SHERIFF-DIERKER ST. CHARLES COUNTY, MO 201 N. SECOND ST. ST. CHARLES, MO 63301 (636)949-7900
TOWER OWNER: TOWER CONTACT:	ST. CHARLES COUNTY, MO 201 N. SECOND ST. ST. CHARLES, MO 63301 (636)949-7900
APPLICANT:	ST. CHARLES COUNTY, MO 201 N. SECOND ST. ST. CHARLES, MO 63301 (636)949-7900
A/E FIRM:	SHIVE-HATTERY 4 WEST DRIVE SUITE 120 CHESTERFIELD, MO 63017 (866) 864-9884 WILLIAM HAMMER

UTILITIES

ELECTRICAL UTILITY CONTACT:	AMEREN (800) 552-7583
TELCO UTILITY CONTACT:	AT&T (888) 944-0447

RECEIVED & ACCEPTED

ST. CHARLES COUNTY REPRESENTATIVE:

PRINT NAME:	DATE RECIVED:
SIGNATURE:	DATE ACCEPTED:
MOTOROLA RF	
PRINT NAME:	DATE RECIVED:
SIGNATURE:	DATE ACCEPTED:
MOTOROLA PM	
PRINT NAME:	DATE RECIVED:
SIGNATURE:	DATE ACCEPTED:
PROPERTY OWNER	
PRINT NAME:	DATE RECIVED:
SIGNATURE:	DATE ACCEPTED:

MOTOROLA SOLUTIONS

ST. CHARLES COUNTY

SHEET INDEX

SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	8
N-1	GENERAL NOTES	8
N-2	GENERAL NOTES	8
N-3	GROUNDING NOTES	8
N-4	SYMBOLS & ABBREVIATIONS	8
1 OF 3	PARENT PARCEL (BY OTHERS)	8
2 OF 3	PROPOSED LEASE PARCEL (BY OTHTERS)	8
3 OF 3	PROPOSED ACCESS/UTILITY EASEMENTS (BY OTHERS)	8
C-1.1	PARTIAL SITE PLAN	8
C-1.2	GRADING PLAN	8
C-1.3	GRADING NOTES & DETAILS	8
C-2	COMPOUND PLAN	8
C-3.1	ELEVATION & DETAILS	8
C-3.2	ANTENNA INFORMATION & DETAILS	8
C-3.3	ANTENNA MOUNT DETAILS	8
C-4.1	SHELTER FOUNDATION	8
C-4.2	SHELTER ELEVATIONS	8
C-5	DETAILS	8
C-6.1	FENCE DETAILS	8
C-6.2	FENCE DETAILS	8
C-7.1	SITE WORK DETAILS	8
C-7.2	SITE WORK DETAILS	8
C-7.3	DETAILS	8
C-8	LP GAS SERVICE DETAILS	8
E-1	UTILITY SITE PLAN	8
E-2.1	ELECTRICAL SERVICE DETAILS	8
E-2.2	UTILITY RACK DETAIL	8
E-3	GROUNDING SITE PLAN & NOTES	8
E-4	GROUNDING DETAILS	8
E-5	GROUNDING DETAILS	8
E-6	GROUNDING DETAILS	8

SHELTER DESIGN LOADS: MANUFACTURER - VFP INC.

FOR INFORMATION CONCERNING THE PROPOSED PREFABRICATED EQUIPMENT SHELTER DESIGN, PLEASE REFER TO THE VFP INC. ENGINEERING DRAWINGS:
DATE: T.B.D.

TOWER INFO: VALMONT

FOR INFORMATION CONCERNING THE PROPOSED TOWER PLEASE REFER TO THE VALMONT ENGINEERING DRAWINGS:
FILE NO: A-197844
REV: H
DATE: 07/15/13

CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

MOTOROLA SOLUTIONS

SHIVEHATTERY
ARCHITECTURE + ENGINEERING
3025 Highland Pkwy Suite 140 | Downers Grove, Illinois 60515
630.390.7444 | fax 630.437.5800 | shive-hattery.com
Iowa | Illinois | Missouri

PROJECT NO: 8125800-13
DRAWN BY: JCS
CHECKED BY: WJH

1	10/25/12	CLIENT REVIEW
2	01/03/13	BID/PERMIT
3	02/14/13	CLIENT REVISIONS
4	03/04/13	BID/PERMIT
5	04/04/13	BID/PERMIT
6	05/31/13	CLIENT REVISIONS
7	07/05/13	CLIENT REVISIONS
8	07/23/13	CLIENT REVISIONS

PYRAMID Network Services, LLC

SHERIFF-DIERKER
ST. CHARLES COUNTY - P25 TRUNKED RADIO/MICROWAVE SYSTEM PROJECT SITE 13.0
900 T R HUGHES BLVD.
O'FALLON, MO 63366
ST. CHARLES COUNTY
SELF-SUPPORT TOWER

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

(Reference Files: 12580O-13-TB > 12580O-13-TB.dwg | Xrefs: | P:\Projects\OFallon\12580O\13 - Sheriff-Dierker\Dwgs\12580O-13-T1.DWG | DATE: 07/02/2013 | Time: 12:52