

PROJECT DESCRIPTION

THE PURPOSE OF THIS PROJECT IS TO ENHANCE BROADBAND CONNECTIVITY AND CAPACITY TO THE EXISTING NETWORK.

- INSTALL (3) SECTOR MOUNTS
- INSTALL (12) PANEL ANTENNAS W/ (12) RRRs AND (12) INLINE SURGE PROTECTORS
- INSTALL (3) SURGE PROTECTORS
- INSTALL (1) MW DISH ANTENNA W/ (1) ODU
- INSTALL (1) DUAL RING MOUNT KIT AND (1) STRUT KIT
- INSTALL (1) INTERFACE CABLE (CAT5 ETHERNET)
- INSTALL (1) DC POWER SUPPLY CABLE
- INSTALL (2) 7/8" FEEDLINES
- INSTALL (1) ICE BRIDGE
- INSTALL (1) SMARTSKY UTILITY H-FRAME WITH DISCONNECT AND NEMA CABINET
- INSTALL (1) SMARTSKY CABINET ON PROPOSED (5'-0"x5'-0") CONCRETE PAD IN (5'-0"x9'-0") LEASE AREA
- INSTALL GPS ANTENNA ON PROPOSED CABINET
- INSTALL POWER TO CABINET

DESIGN PACKAGE BASED ON THE APPLICATION #: 53706, v5

SMARTSKY FIRST TIME INSTALL CONSTRUCTION DRAWINGS



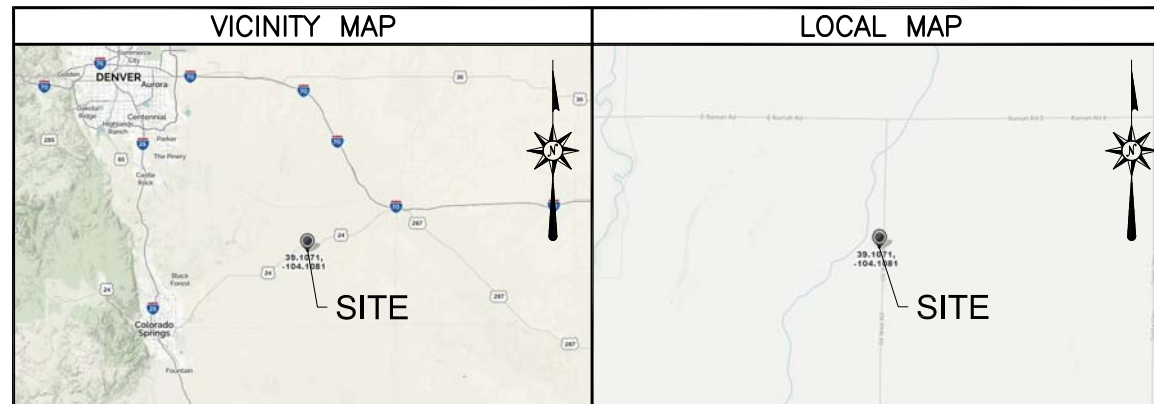
SMARTSKY SITE NUMBER: **CO100A** SBA SITE NAME: **SIMLA** SBA SITE NUMBER: **CO46078-A**

SITE ADDRESS:

**18604 OIL WELL ROAD
RAMAH, CO 80832
(EL PASO COUNTY)**

SITE SUMMARY

SITE TYPE: CO-LOCATION
 TYPE OF OCCUPANCY: TELECOMMUNICATIONS
 TOWER TYPE: MONOPOLE
 TOWER HEIGHT: 186'
 TOWER LATITUDE: 39° 06' 25.4" N (39.1071)
 TOWER LONGITUDE: 104° 06' 29.3" W (-104.1081)
 ZONING JURISDICTION: EL PASO COUNTY
 COUNTY: EL PASO
 PARCEL NUMBER: 100000161
 GROUND ELEVATION: 6236'
 A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION
 POWER COMPANY: MVEA (800) 388-9881
 TELEPHONE COMPANY: N/A



DIRECTIONS TO THE SITE

FROM CHARLOTTE, NC:
 START OUT GOING NORTHEAST ON 1ST FLIGHT DR. TURN RIGHT TO STAY ON 1ST FLIGHT DR. 1ST FLIGHT DR BECOMES MINUTEMAN WAY. TURN LEFT ONTO MORRIS FIELD DR. TAKE THE 1ST LEFT ONTO BILLY GRAHAM PKWY. MERGE ONTO I-85 S TOWARD GASTONIA. MERGE ONTO US-74 W VIA EXIT 10B TOWARD KINGS MOUNTAIN/SHELBY. MERGE ONTO I-40 W VIA EXIT 31B ON THE LEFT TOWARD CANTON/KNOXVILLE (CROSSING INTO TENNESSEE). KEEP RIGHT TO TAKE I-40 W TOWARD NASHVILLE. KEEP RIGHT TO TAKE I-24 W VIA EXIT 211 TOWARD I-65 N/CLARKSVILLE/LOUISVILLE. KEEP LEFT TO TAKE I-24 W VIA EXIT 88B TOWARD CLARKSVILLE (PASSING THROUGH KENTUCKY, THEN CROSSING INTO ILLINOIS). MERGE ONTO I-57 N VIA THE EXIT ON THE LEFT TOWARD CHICAGO. MERGE ONTO I-64 W VIA EXIT 96 ON THE LEFT TOWARD ST LOUIS. MERGE ONTO I-70 W VIA EXIT 3B TOWARD IL-3 N/KANSAS CITY (CROSSING INTO MISSOURI). KEEP LEFT TO TAKE I-670 W TOWARD I-35 S/TOPEKA/WICHITA (CROSSING INTO KANSAS). I-670 W BECOMES I-70 W (PORTIONS TOLL). KEEP RIGHT TO TAKE I-70 W VIA EXIT 183 TOWARD US-40/KS-4/TOPEKA/SALINA (PORTIONS TOLL) (CROSSING INTO COLORADO). TAKE EXIT 359 TOWARD LIMON. TURN LEFT ONTO US-40 E/US HIGHWAY 24. CONTINUE TO FOLLOW US HIGHWAY 24. TURN SLIGHT LEFT ONTO CARIBOU ST/US-24 W. TURN LEFT ONTO WASHINGTON AVE. WASHINGTON AVE BECOMES SIMLA HWY (PORTIONS UNPAVED). TURN RIGHT ONTO RAMAH RD E (PORTIONS UNPAVED). TURN LEFT ONTO OIL WELL RD (PORTIONS UNPAVED). SITE IS ON THE RIGHT.

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

- 2015 INTERNATIONAL BUILDING CODE
- 2015 INTERNATIONAL EXISTING BUILDING CODE
- 2015 INTERNATIONAL PLUMBING CODE
- 2015 INTERNATIONAL MECHANICAL CODE
- 2015 INTERNATIONAL FUEL GAS CODE
- 2015 INTERNATIONAL FIRE CODE
- 2015 INTERNATIONAL ENERGY CONSERVATION CODE
- 2014 NATIONAL ELECTRICAL CODE
- NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS
- CITY/COUNTY ORDINANCES
- ANSI/TIA/EIA-222-G
- FAA COMPLIANCE
- FCC COMPLIANCE

LOCAL JURISDICTION APPROVAL:
 SIGNATURE _____ DATE _____

PROJECT MANAGER APPROVAL:
 SIGNATURE _____ DATE _____

CONSTRUCTION MANAGER APPROVAL:
 SIGNATURE _____ DATE _____

SHEET INDEX

SHEET NO.	DESCRIPTION	REV. NO.	REVISION DATE
T-1	TITLE SHEET	1	08/30/18
GN-1	GENERAL NOTES	1	08/30/18
GN-2	GENERAL NOTES	1	08/30/18
C-1	COMPOUND PLAN	1	08/30/18
C-2	TOWER ELEVATION	1	08/30/18
C-3	RF SCHEDULE & ANTENNA LAYOUT	1	08/30/18
C-4	CIVIL DETAILS	1	08/30/18
C-5	CIVIL DETAILS	1	08/30/18
C-6	CIVIL DETAILS	1	08/30/18
C-7	CIVIL DETAILS	1	08/30/18
E-1	ELECTRICAL SCHEMATIC	1	08/30/18
G-1	GROUNDING DETAILS	1	08/30/18
G-2	GROUNDING DETAILS	1	08/30/18
G-3	GROUNDING DETAILS	1	08/30/18
G-4	GROUNDING DETAILS	1	08/30/18
1 OF 3	MOUNT DETAILS	1	08/30/18
2 OF 3	MOUNT DETAILS	1	08/30/18
3 OF 3	MOUNT DETAILS	1	08/30/18

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION, THEREFORE HANDICAP ACCESS IS NOT REQUIRED. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

PREPARED FOR:

 8051 CONGRESS AVE
 BOCA RATON, FL 33487
 (800) 487-7483

PREPARED FOR:

PREPARED BY:

 ENGINEERING INNOVATION
 FDH INFRASTRUCTURE SERVICES, LLC
 6521 MERIDIEN DRIVE RALEIGH, NC 27616
 PHONE: 919-755-1012 FAX: 919-755-1031

DENNIS D. ABEL, P.E.
 COLORADO LICENSE NO. 34883

DRAWN BY: CLS
CHECKED BY: DRS
APPV'D: DDA
PROJECT ID: 17QIPJ1950

SUBMITTALS			
DATE	DESCRIPTION	REV	ISSUED BY
07/05/18	CONSTRUCTION	0	DRS
08/30/18	CONSTRUCTION	1	DRS

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CO100A

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**18604 OIL WELL ROAD
RAMAH, CO 80832**

SBA SITE NAME:
SIMLA

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CO46078-A

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

PROJECT DIRECTORY

TOWER OWNER: SBA COMMUNICATIONS CORPORATION
 8051 CONGRESS AVE
 BOCA RATON, FL 33487

PROPERTY OWNER: JOHN W. STARK, JR.
 P.O. BOX 42
 RAMAH, CO 80832
 PHONE: (719) 541-2533

APPLICANT: SMARTSKY
 4690 FIRST FLIGHT DRIVE
 CHARLOTTE, NC 28208

SITE DESIGN: FDH INFRASTRUCTURE SERVICES
 6521 MERIDIEN DRIVE
 RALEIGH, NC 27616
 CONTACT: DAMARIS SQUIRES
 PHONE: (919) 755-1012