NEW SITE BUILD

T-MOBILE SITE NAME:	FALCON MIDDLE SCHOOL
VERTICAL BRIDGE SITE NAME:	FALCON MIDDLE SCHOOL
T-MOBILE SITE NUMBER:	DN04672B
VERTICAL BRIDGE SITE NUMBER:	US-CO-5054
SITE ADDRESS:	9675 TOWNER AVENUE PEYTON, CO 80831
SITE TYPE:	LIGHTPOLE

SITE INFORMATION

APPLICANT:
T-MOBILE
2323 DELGANY STREET
DENVER, CO 80216

CONTACT:
JOHN WABISZCZEWICZ
(303) 313-6930

TOWER OWNER:
VERTICAL BRIDGE
750 PARK OF COMMERCE DRIVE, STE 200
BOCA RATON, FL 33478

VERTICAL BRIDGE PM:
MATT GRUGAN
(678) 488-1866

LATITUDE (NAD83):
38° 58' 21.9288" N
38.972758°

LONGITUDE (NAD83):
104° 37' 09.8832" W
-104.619412°

COUNTY:
EL PASO

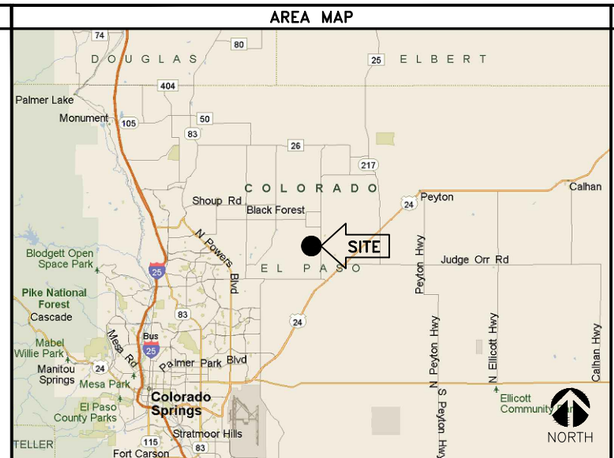
ZONING JURISDICTION:
EL PASO COUNTY

POWER COMPANY:
TBD

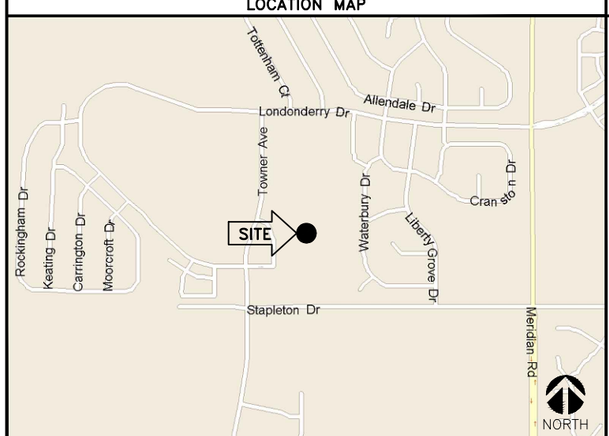
TELCO PROVIDER:
TBD

T-MOBILE CM:
KEN GREENWOOD
(303) 313-6910

AREA MAP



LOCATION MAP



PROJECT DESCRIPTION

THESE PLANS HAVE BEEN DEVELOPED FOR THE INSTALLATION OF AN UNMANNED TELECOMMUNICATION & PUBLIC UTILITY FACILITY, CONSISTING OF A NEW 100' LIGHTPOLE TO REPLACE EXISTING, SPACE FOR CARRIER EQUIPMENT & A UTILITY RACK WITHIN A FENCED COMPOUND (NO WATER OR SEWER IS REQUIRED), IN ACCORDANCE WITH THE SCOPE OF WORK PROVIDED BY VERTICAL BRIDGE & T-MOBILE. INFINIGY HAS INCORPORATED THIS SCOPE OF WORK IN THE PLANS. THESE PLANS ARE NOT FOR CONSTRUCTION UNLESS ACCOMPANIED BY A PASSING STRUCTURAL STABILITY ANALYSIS PREPARED BY A LICENSED STRUCTURAL ENGINEER. STRUCTURAL ANALYSIS MUST INCLUDE BOTH TOWER AND MOUNT.

T-MOBILE PROPOSES TO INSTALL THE FOLLOWING:

- INSTALL (1) NEW ANTENNA MOUNT, (2) NEW COVPs, (3) NEW FRBC's & (3) NEW T-MOBILE PANEL ANTENNAS AT ANTENNA MOUNT LEVEL
- INSTALL (2) NEW HI-CAP HYBRID CABLES
- INSTALL (1) NEW DELTA SITE SUPPORT CABINET, (1) NEW STACKED SLEEVE & (2) NEW COVPs ON NEW 10'x12' STEEL EQUIPMENT PLATFORM WITHIN 20'x20' LEASE AREA
- INSTALL (1) NEW GPS UNIT WITH (1) NEW 1/2" COAX CABLE
- INSTALL NEW ICE BRIDGE
- INSTALL (2) NEW UNDERGROUND CONDUITS
- INSTALL (1) NEW DOGHOUSE

APPLICABLE CODES

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALL 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 THESE CODES.

1. INTERNATIONAL BUILDING CODE (2009 IBC)
2. TIA-EIA-222-G OR LATEST EDITION
3. NFPA 780 – LIGHTNING PROTECTION CODE
4. 2014 NATIONAL ELECTRIC CODE OR LATEST EDITION
5. ANY OTHER NATIONAL OR LOCAL APPLICABLE CODES, MOST RECENT EDITIONS
6. CO BUILDING CODE
7. LOCAL BUILDING CODE
8. CITY/COUNTY ORDINANCES

811
Know what's **below.**
Call before you dig.
www.call811.com

DRAWING INDEX

SHEET NO:	SHEET TITLE	REV
T-1	TITLE SHEET & PROJECT DATA	2
SP-1	T-MOBILE SPECIFICATIONS	2
LS1	LAND SURVEY	4
LS2	LAND SURVEY	4
LS3	LAND SURVEY	4
LS4	LAND SURVEY	4
A-1	OVERALL SITE PLAN	2
A-2	ENLARGED OVERALL SITE PLAN	2
A-3	ENLARGED SITE PLAN (EXISTING)	2
A-4	ENLARGED SITE PLAN (PROPOSED)	2
A-5	STAKING PLAN	2
A-6	ENLARGED STAKING PLAN	2
A-7	PROPOSED TOWER ELEVATION	2
A-8	ANTENNA LAYOUT & LOADING CHART	2
A-9	EQUIPMENT & MOUNTING DETAILS	2
A-10	ANTENNA SPECIFICATIONS	2
A-11	EQUIPMENT LAYOUT & DETAILS	2
A-12	EQUIPMENT & MOUNTING DETAILS	2
A-13	PLUMBING DIAGRAM	2
A-14	FENCE DETAILS	2
A-15	CIVIL DETAILS	2
E-1	COMPOUND UTILITY LAYOUT	2
E-2	EQUIPMENT UTILITY LAYOUT	2
E-3	ELECTRICAL DETAILS	2
E-4	UTILITY RACK DETAIL	2
G-1	COMPOUND GROUNDING PLANS	2
G-2	GROUNDING PLANS	2
G-3	GROUNDING DETAILS	2
G-4	GROUNDING DETAILS	2

PLANS PREPARED FOR:

T-Mobile
2323 Delegany Street
Denver, CO 80216

PLANS PREPARED BY:

INFINIGY
FROM ZERO TO INFINIGY
the solutions are endless
7301 Federal Blvd, Suite 301
Westminster, CO 80030
Office # (303) 219-1178
Fax # (303) 242-8636
JOB NUMBER 404-048

MLA PARTNER:

vertical bridge
750 Park of Commerce Drive
Suite 200
Boca Raton, FL 33487
Office # (561) 948-6367

ENGINEERING LICENSE:

COLORADO LICENSED
CHRISTOPHER J. WARREN
47849
10-27-17
PROFESSIONAL ENGINEER

DRAWING NOTICE:

THESE DOCUMENTS ARE CONFIDENTIAL AND ARE THE SOLE PROPERTY OF T-MOBILE AND MAY NOT BE REPRODUCED, DISSEMINATED OR REDISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF T-MOBILE.

REVISIONS:

DESCRIPTION	DATE	BY	REV
REVISED/ISSUED FOR CONSTRUCTION	10/26/17	SF	2
REVISED/ISSUED FOR CONSTRUCTION	10/18/17	SF	1
ISSUED FOR CONSTRUCTION	10/17/16	CKE	0

VERTICAL BRIDGE SITE NAME:
FALCON MIDDLE SCHOOL

T-MOBILE SITE #:
DN04672B

VERTICAL BRIDGE SITE #:
US-CO-5054

SITE ADDRESS:
9675 TOWNER AVENUE
PEYTON, CO 80831

SHEET DESCRIPTION:
TITLE SHEET & PROJECT DATA

SHEET NUMBER:
T-1