

NOTE:
CRANE HEIGHT: 140'-0" A.G.L.

NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, PRIOR TO THE ONSET OF CONSTRUCTION, THAT THE SUPPORTING STRUCTURE(S) AND MOUNTING SYSTEM(S) HAVE BEEN DEEMED STRUCTURALLY ADEQUATE BY A LICENSED PROFESSIONAL ENGINEER TO SUPPORT THE EXISTING AND PROPOSED EQUIPMENT AND ASSOCIATED CONSTRUCTION LOADS, INCLUDING BUT NOT LIMITED TO THOSE DEPICTED, HEREIN. THE CONTRACTOR SHALL ASSUME THE FULL-LIABILITY AND RISK ASSOCIATED WITH THE INSTALLATION OF THE PROPOSED EQUIPMENT AND/OR APPURTENANCES IF PERFORMED WITHOUT SAID PASSING STRUCTURAL ANALYSIS OR EVALUATION. IF THE RESULT OF THE ANALYSIS REQUIRES THE STRUCTURE BE STRENGTHENED OR MODIFIED; SUCH MODIFICATIONS SHALL BE PROPERLY INSTALLED AND COMPLETED PRIOR TO THE ONSET OF CONSTRUCTION.

PREPARED BY:

nexus

NEXIUS SOLUTIONS, INC.
2595 NORTH DALLAS PARKWAY
SUITE 300
FRISCO, TX 75034

CLIENT:

AT&T
Mobility

161 INVERNESS DR W, 2ND FLOOR
ENGLEWOOD, COLORADO 80112

FOR CONSTRUCTION

COLORADO REGISTERED
JACK T. PHIPPS
PE.0054130
EXP 10/31/2021
PROFESSIONAL ENGINEER

DATE SIGNED: 10/15/20
PE LICENSE RENEWAL: 10/31/21

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SUBMITTALS			
REV	DATE	DESCRIPTION	BY
C	03/20/20	FOR REVIEW	RA
D	04/16/20	FOR REVIEW	RA
0	04/22/20	FINAL CD	RA
1	08/24/20	REVISED CD	RA
2	10/15/20	REVISED CD	RA

SITE INFORMATION:

SITE NAME:
NSB-CO.BDN_ADD_4591_COL02148_PeyTON

SITE NUMBER:
COL02148

FA LOCATION CODE:
12871723

PAGE ID:
MRUTH029076

ADDRESS:
12960 N PEYTON HWY
PEYTON, CO 80831

PROJECTS:
LTE 1C 2C 3C 4C 5C 6C

DRAWN BY: RA	DATE: 01/02/20
CHECKED BY: RA	DATE: 10/15/20

SHEET TITLE:
TOWER ELEVATION

SHEET NUMBER:

C-4

TOP OF
EXISTING ANTENNAS (BY OTHERS)
ELEV: 100'-0" A.G.L.

TOP OF EXISTING MONOPOLE
ELEV: 99'-0" A.G.L.

C.L. OF
EXISTING MW DISH (BY OTHERS)
ELEV: 90'-0" A.G.L.

TOP OF EXISTING ICE SHIELD (BY OTHERS)
ELEV: 30'-0" A.G.L.

C.L. OF EXISTING MW DISH (BY OTHERS)
ELEV: 26'-0" A.G.L.

C.L. OF EXISTING MONOPOLE PORT
ELEV: 7'-0" A.G.L.

EXISTING GRADE
ELEV: 0'-0" A.G.L.

1 EXISTING TOWER ELEVATION
SCALE: 1/16" = 1'-0"

GRAPHIC SCALE: 1/16"=1'-0"

TOP OF
PROPOSED AT&T ANTENNAS
ELEV: 119'-0" A.G.L.

TOP OF
PROPOSED MONOPOLE EXTENSION
ELEV: 119'-0" A.G.L.

TOP OF
EXISTING ANTENNAS (BY OTHERS)
ELEV: 100'-0" A.G.L.

TOP OF EXISTING MONOPOLE
ELEV: 99'-0" A.G.L.

C.L. OF
EXISTING MW DISH (BY OTHERS)
ELEV: 90'-0" A.G.L.

C.L. OF
PROPOSED AT&T MW DISH
ELEV: 65'-0" A.G.L.

TOP OF EXISTING ICE SHIELD (BY OTHERS)
ELEV: 30'-0" A.G.L.

C.L. OF EXISTING MW DISH (BY OTHERS)
ELEV: 26'-0" A.G.L.

C.L. OF EXISTING MONOPOLE PORT
ELEV: 7'-0" A.G.L.

EXISTING GRADE
ELEV: 0'-0" A.G.L.

2 PROPOSED TOWER ELEVATION
SCALE: 1/16" = 1'-0"

GRAPHIC SCALE: 1/16"=1'-0"

119' height has
already been
approved. Please
revise to note
"existing" or
"approved tower" and
"approved monopole
extension".

Proposed 6-foot
microwave dish
exceeds Land
Development Code
allowance max. of
4-feet

EXISTING 99'-0" MONOPOLE TO BE
EXTENDED BY 20'-0" (119'-0" A.G.L.)

PROPOSED SURGE SUPPRESSION
DEVICE (TOTAL OF 3)

PROPOSED AT&T ANTENNAS (TYP.
OF 2 PER ALPHA, BETA, AND GAMMA
SECTORS, TOTAL OF 6)

PROPOSED RRHS (TYP. OF 3
PER ALPHA, BETA, AND GAMMA
SECTORS, TOTAL OF 9)

PROPOSED MOUNT MODEL# F4P-12-H10
(OR AT&T APPROVED EQUAL)

11'-0"

INSTALL (1) NEW ICE SHIELD MODEL# ISMD6
ABOVE PROPOSED AT&T MICROWAVE DISH, ONTO
(1) NEW MONOPOLE MOUNT MODEL# RM-DM-6.
SEE DETAILS ON SHEET C-11, C-13 & C-14

INSTALL (1) NEW AT&T 6'-0" COMMSCOPE
MICROWAVE DISH MODEL# USX6-6W-6GR @65'-0"
ON (1) NEW MONOPOLE MOUNT MODEL# RM-DM-6

EXISTING 99'-0" MONOPOLE
EXTENDED BY 20'-0" (119'-0" A.G.L.)

PROPOSED
(6) 3/4" DC POWER
(3) 3/8" FIBER
(4) 2 1/4" INNER DUCT
CABLES

PROPOSED
ICE BRIDGE

PROPOSED 5'-8" X 4'-2"
WUC MODEL#
ESOF020-HCV02.
SEE WUC DETAILS ON
SHEET C-7

9'-0"
MIN

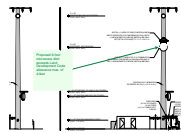
Elevation Plans_V1.pdf Markup Summary

Callout (2)



Subject: Callout
Page Label: 1
Author: Sophie Kiepe
Date: 11/2/2020 10:59:19 AM
Status:
Layer:
Space:

119' height has already been approved. Please revise to note "existing" or "approved tower" and "approved monopole extension".



Subject: Callout
Page Label: 1
Author: Sophie Kiepe
Date: 11/6/2020 8:18:29 AM
Status:
Layer:
Space:

Proposed 6-foot microwave dish exceeds Land Development Code allowance max. of 4-feet