

March 22, 2018

Via Electronic and 1st Class Mail

Melanie A. Bachman, Esq.
Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Sub-Petition No. 1133 - 169 Cross Street, Middletown, CT 06457**

Dear Ms. Bachman:

On March 2, 2018 Cellco Partnership d/b/a Verizon Wireless (“Cellco”) filed the above-referenced Sub-Petition with the Council seeking a finding that the proposed modifications to an existing telecommunications tower at 169 Cross Street in Middletown constitute an Eligible Facilities Request (“EFR”) pursuant to 47 U.S.C. § 1455(a) and FCC Order No. 14-153.

Since that filing, Cello has decided to modified its installation by eliminating the proposed 12' x 17' equipment shelter and installing two equipment cabinets on a 4' x 8' concrete pad and an H-frame utility equipment structure within the 12.5' x 23' compound. The equipment cabinets will be protected by an ice-canopy roof structure. All other aspects of the proposed facility will remain the same, including the installation of a 25 kW natural gas-fired back-up generator.

Cellco respectfully submits that with these changes, the proposed modifications to the existing telecommunications tower still constitute an EFR. Enclosed is a set of revised project plans showing the new radio equipment configuration within the existing site compound.

If you have any questions regarding this plan change or need any additional information, please do not hesitate to contact me.

17807898-v1

Robinson+Cole

Melanie A. Bachman
March 22, 2018
Page 2

Sincerely,

A handwritten signature in blue ink, appearing to read 'K. Baldwin', with a long horizontal flourish extending to the right.

Kenneth C. Baldwin

Copy to:
Chuck Webberly
Tom Nolan



WIRELESS COMMUNICATIONS FACILITY

**WESLEYAN UNIVERSITY CT
169 CROSS STREET
MIDDLETOWN, CT 06457**

DRAWING INDEX

- T-1 TITLE SHEET
- C-1 ABUTTERS MAP
- C-2 PARTIAL SITE PLAN, ENLARGED EQUIPMENT PLAN & NORTH ELEVATION
- C-3 ANTENNA & APPURTENANCE DETAILS

SITE DIRECTIONS

**START: 20 ALEXANDER DRIVE
WALLINGFORD, CONNECTICUT 06492**

**END: 169 CROSS STREET
MIDDLETOWN, CT 06457**

- | | |
|--|--------|
| 1. HEAD NORTH ON ALEXANDER DRIVE | 0.2 MI |
| 2. TURN RIGHT ONTO BARNES INDUSTRIAL ROAD | 0.1 MI |
| 3. TURN RIGHT ONTO CT-68 E | 1.8 MI |
| 4. SHARP LEFT TO MERGE ONTO I-91 N | 4.0 MI |
| 5. TAKE EXIT 18 TO MERGE ONTO CT-66 E | 0.2 MI |
| 6. MERGE ONTO CT-66 E | 5.9 MI |
| 7. TURN RIGHT ONTO BUTTERNUT STREET | 0.4 MI |
| 8. SLIGHT LEFT ONTO CROSS STREET | 0.2 MI |
| 9. TURN LEFT ONTO CROSS STREET, DESTINATION ON RIGHT | 0.1 MI |

SITE INFORMATION

VZ SITE NAME: WESLEYAN UNIVERSITY CT
VZ PROJECT CODE: 20171645711
VZ LOCATION CODE: 470718
LOCATION: 169 CROSS STREET
MIDDLETOWN, CT 06457

PROJECT SCOPE: PROPOSED INSTALLATION CONSISTS OF TWELVE (12) PANEL ANTENNAS, NINE (9) RRH's & TWO (2) MDB's MOUNTED TO THREE (3) PROPOSED SECTOR MOUNT FRAMES ATTACHED TO AN EXISTING 180'± TALL SELF SUPPORTING LATTICE TOWER TOGETHER WITH A FENCED 23'-0"±x12'-6"± (288± SF) EQUIPMENT COMPOUND W/ A NATURAL GAS EMERGENCY STANDBY POWER GENERATOR LOCATED AT GRADE

ASSESSORS TAX I.D.: 25-0100

LATITUDE: 41° 33' 04.9381" N (41.5513717° N)

LONGITUDE: 72° 39' 43.6871" W (72.6621353° W)

GROUND ELEVATION: 157.2'± AMSL

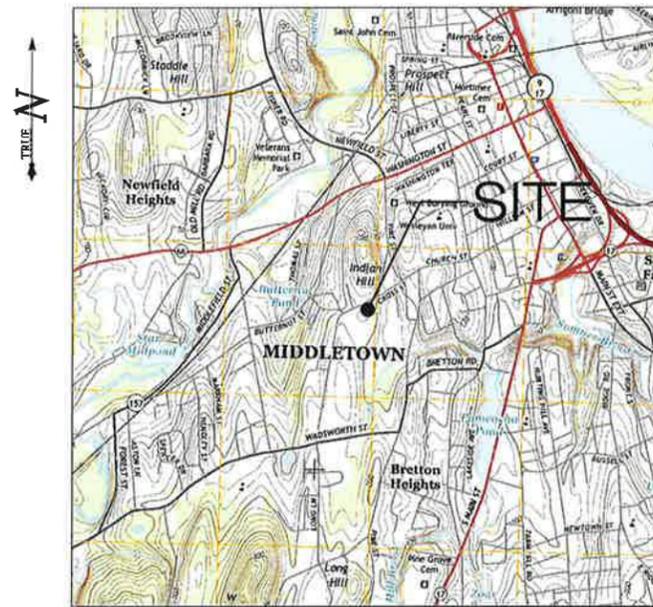
PROPERTY OWNER: CITY OF MIDDLETOWN
PO BOX 1300
MIDDLETOWN, CT 06457

APPLICANT: CELLCO PARTNERSHIP
d/b/a VERIZON WIRELESS
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

LEGAL/REGULATORY COUNSEL: ROBINSON & COLE, LLP
KENNETH C. BALDWIN, ESQ.
280 TRUMBULL STREET
HARTFORD, CT 06103

ENGINEER CONTACT: ALL-POINTS TECHNOLOGY CORP.
3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419
(860) 663-1697

COORDINATES & GROUND ELEVATION INDICATED HEREIN WERE ESTABLISHED FROM AN FAA 2-C SURVEY CERTIFICATION, AS PREPARED BY MARTIN SURVEYING ASSOCIATES, LLC., DATED JULY 25, 2017.



LOCATION MAP
SCALE: 1" = 2000'-0"

Cellco Partnership d/b/a



20 ALEXANDER DRIVE
WALLINGFORD, CT 06492



3 SADDLEBROOK DRIVE PHONE: (860)-663-1697
KILLINGWORTH, CT 06419 FAX: (860)-663-0935
WWW.ALLPOINTSTECH.COM

CSC DRAWINGS

NO	DATE	REVISION
0	03/01/18	FOR REVIEW: JRM
1	03/01/18	FOR FILING: JRM
2	03/14/18	REV. EQUIP. LAYOUT: JRM
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DESIGN PROFESSIONALS OF RECORD

PROF: SCOTT M. CHASSE P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION
ADD: 3 SADDLEBROOK DRIVE
KILLINGWORTH, CT 06419

OWNER: CITY OF MIDDLETOWN
ADDRESS: PO BOX 1300
MIDDLETOWN, CT 06457

WESLEYAN UNIVERSITY CT

SITE ADDRESS: 169 CROSS STREET
MIDDLETOWN, CT 06457

APT FILING NUMBER: CT141NB9290

DRAWN BY: THK
DATE: 03/01/18 CHECKED BY: JRM

SHEET TITLE:

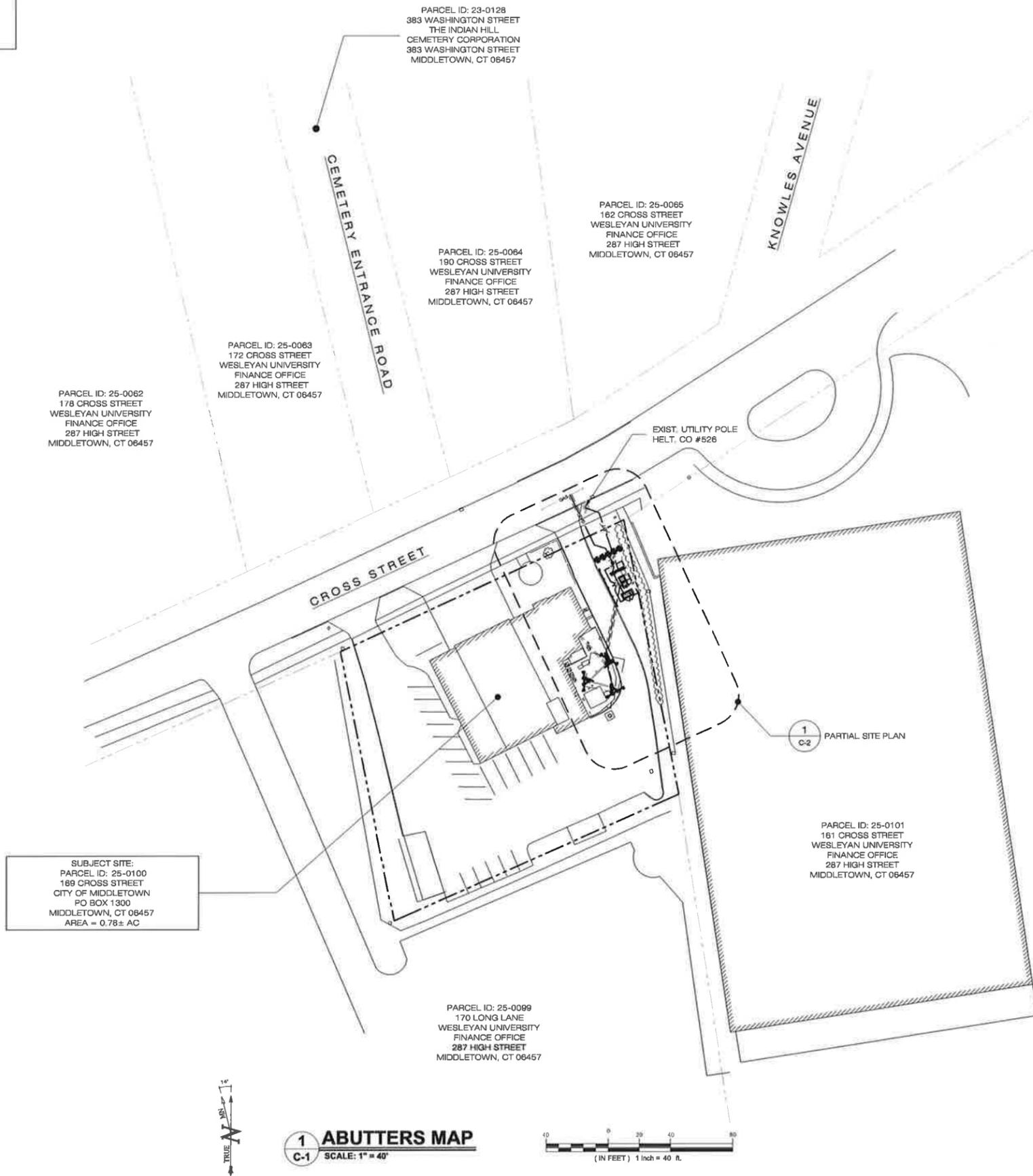
TITLE SHEET

SHEET NUMBER:

T-1

ABUTTERS MAP REFERENCE:

1. "PROPERTY & UTILITY LOCATION SURVEY OVER PORTION OF PROPERTY LOCATED AT 169 CROSS STREET, MIDDLETOWN, CONNECTICUT," PREPARED BY MARTIN SURVEYING ASSOCIATES, LLC, 201 CHRISTIAN LANE, BERLIN, CT 06037; SACLE: 1"=20'; DATED: FEBRUARY 16, 2018.
2. "MIDDLETOWN TAX ASSESSOR GIS APPLICATION," CITY OF MIDDLETOWN TAX ASSESSOR, 245 DEKOVEN DRIVE, MIDDLETOWN, CT 06457; PARCEL ID: 25-0100.



1 ABUTTERS MAP
C-1 SCALE: 1" = 40'



Cellco Partnership d/b/a
verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

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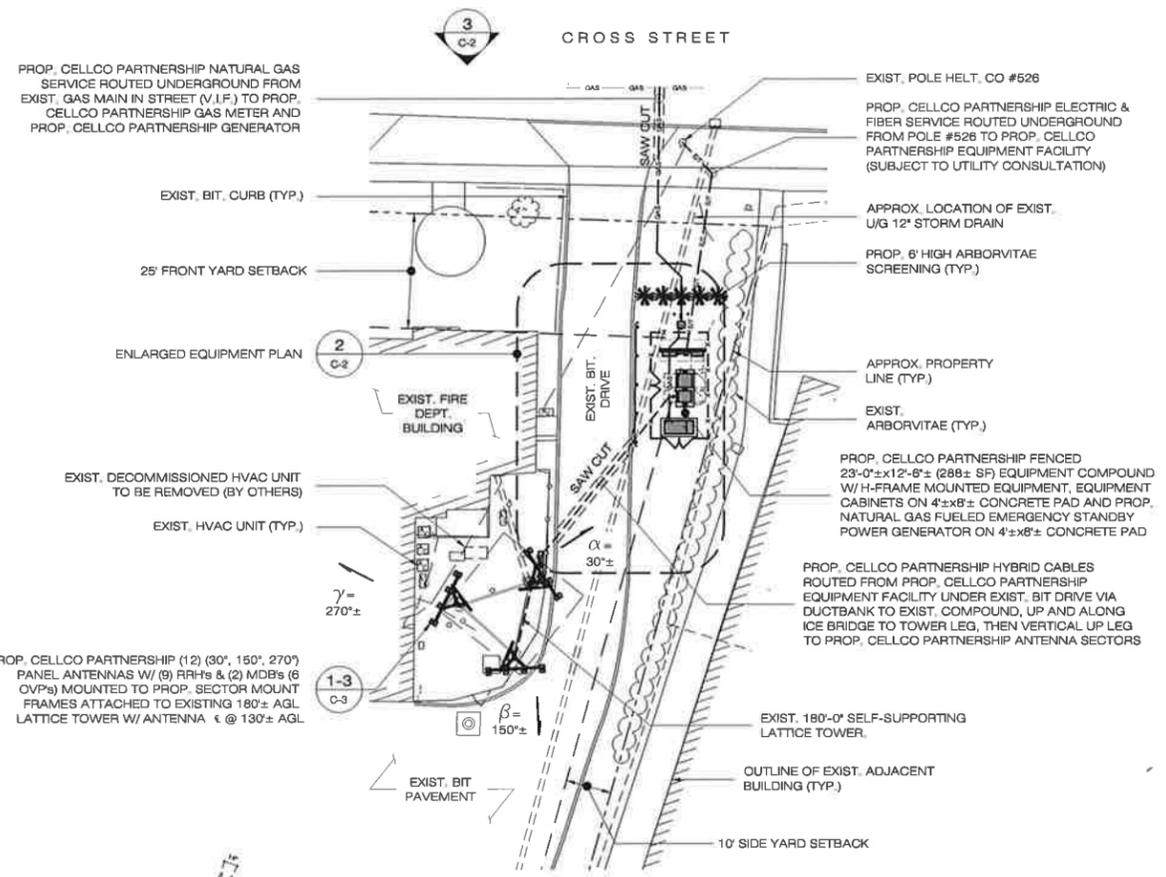
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 OWNER: CITY OF MIDDLETOWN
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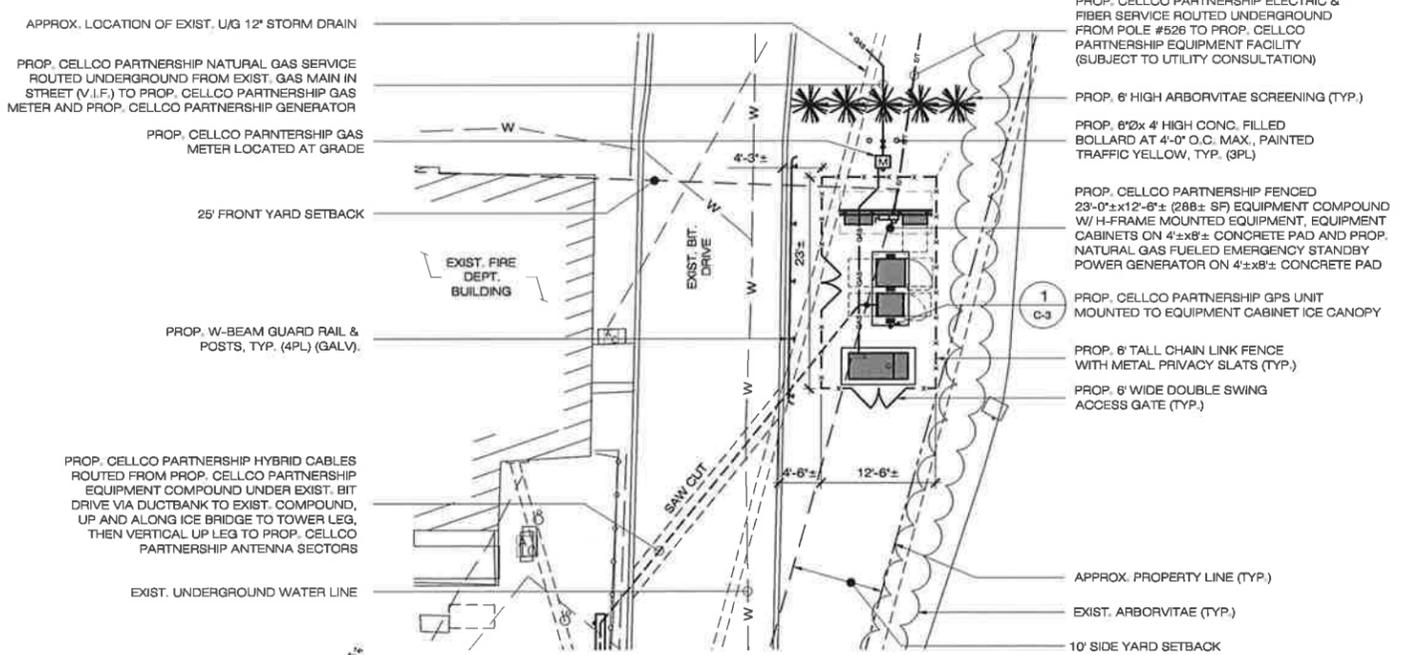
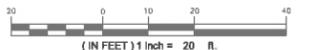
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ABUTTERS MAP

SHEET NUMBER:
C-1



1 PARTIAL SITE PLAN
C-2 SCALE: 1" = 20'-0"



2 ENLARGED EQUIPMENT PLAN
C-2 SCALE: 1" = 10'-0"

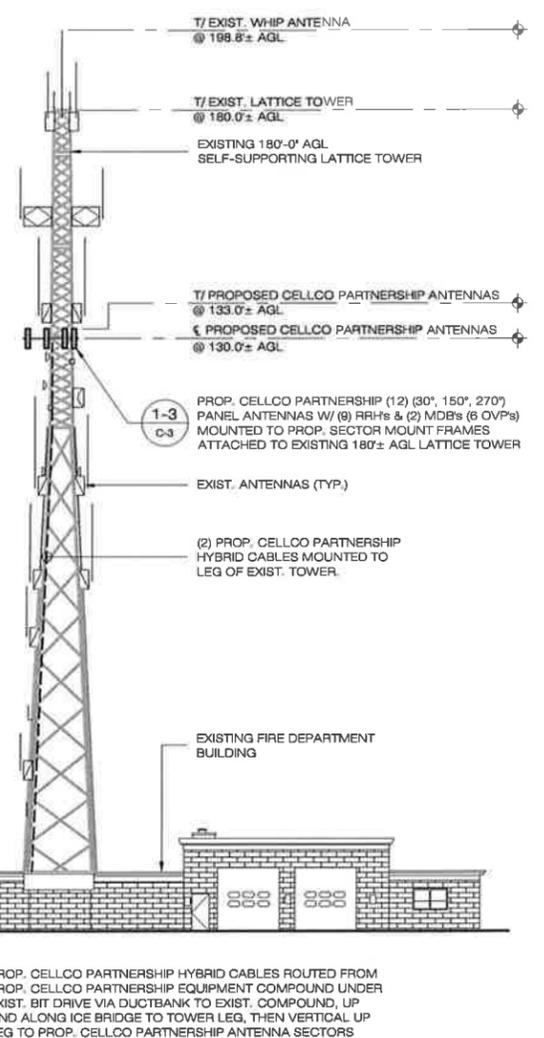


NOTES:

- THE PROPOSED CELLCO PARTNERSHIP INSTALLATION CONSISTS OF TWELVE (12) PROPOSED PANEL ANTENNAS, NINE (9) REMOTE RADIO HEADS (RRHs) AND TWO (2) MDBs (6 OVPs) MOUNTED TO THREE (3) NEW 13' SECTOR MOUNT FRAMES ATTACHED TO EXISTING 180' SELF-SUPPORTING LATTICE TOWER AND A PROPOSED CELLCO PARTNERSHIP EQUIPMENT COMPOUND W/ ONE (1) PROPOSED NATURAL GAS FIRED EMERGENCY STANDBY POWER GENERATOR MOUNTED ON CONCRETE PAD LOCATED AT GRADE.
- POWER, TELCO AND GROUNDING SHALL BE ROUTED FROM EXISTING DEMARCS WITHIN OR ADJACENT TO THE SUBJECT BUILDING. FINAL UTILITY DEMARC LOCATIONS AND ROUTING TO BE DETERMINED DURING CONSTRUCTION DOCUMENT PHASE OF THE PROJECT AND WILL BE COORDINATED WITH BUILDING OWNER AND LOCAL UTILITY COMPANY REQUIREMENTS. CONDUITS TO BE PAINTED TO MATCH EXIST. BUILDING (WHERE APPLICABLE)

STRUCTURAL ANALYSIS NOTE:
REFER TO STRUCTURAL ANALYSIS & REINFORCEMENT DESIGN PREPARED BY ALL-POINTS TECHNOLOGY CORP., P.C. DATED AUGUST 17, 2017 AVAILABLE UNDER SEPARATE COVER.

ABBREVIATION LIST:
AGL = ABOVE GROUND LEVEL;
AMSL = ABOVE MEAN SEA LEVEL;
ARL = ABOVE ROOF LEVEL;
AWS = ADVANCED WIRELESS SERVICE;
MDB = MAIN DISTRIBUTION BOX;
OVP = OVER VOLTAGE PROTECTION;
RRH = REMOTE RADIO HEAD;
TMA = TOWER MOUNTED AMPLIFIER;
BCLC = BITUMINOUS CONC. LIP CURB.



3 NORTH ELEVATION
C-2 SCALE: 1" = 20'-0"



Cellco Partnership d/b/a
verizon
20 ALEXANDER DRIVE
WALLINGFORD, CT 06492

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3 SADDLEBROOK DRIVE PHONE: (860)-663-1697
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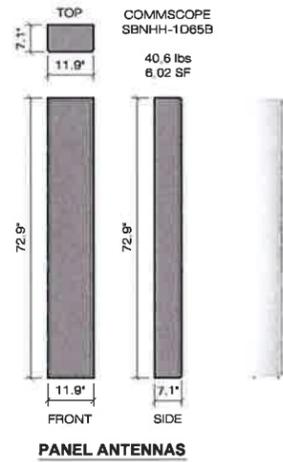
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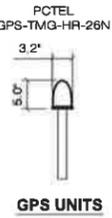
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SHEET TITLE:
PARTIAL SITE PLAN,
ENLARGED EQUIPMENT
PLAN & NORTH
ELEVATION
SHEET NUMBER:
C-2

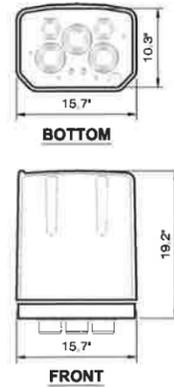


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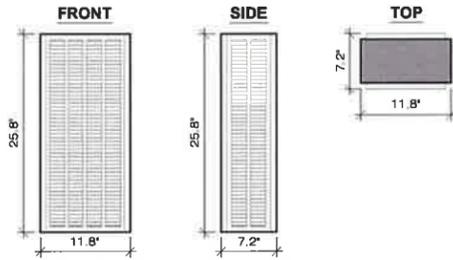


GPS UNITS

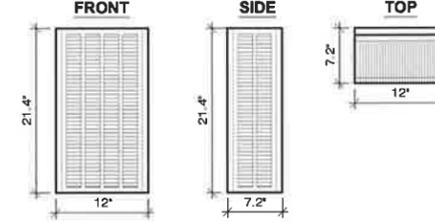
1 ANTENNA DETAILS
C-3 SCALE: 1/2" = 1'-0"



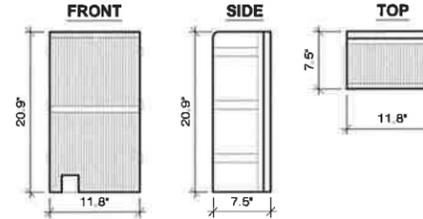
2 MAIN DISTRIBUTION BOX
C-3 SCALE: 1" = 1'-0"



ALCATEL LUCENT B86a RRH (OR EQUAL)
RRH 2x80W (4x45W) AWS
REMOTE RADIO HEAD (RRH)
WxDxH=11.8x7.2x25.8' (56.8 Lbs)



ALCATEL LUCENT B25 RRH (OR EQUAL)
RRH 2x60W PCS
REMOTE RADIO HEAD (RRH)
WxDxH=12.0x7.2x21.4' (51.0 Lbs)



ALCATEL LUCENT B13 RRH (OR EQUAL)
RRH 2x80W 700 LTE-C
REMOTE RADIO HEAD (RRH)
WxDxH=11.8x7.5x20.9' (55.8 Lbs)



3 RRH EQUIPMENT
C-3 SCALE: 1" = 1'-0"

Cellco Partnership d/b/a



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