

Jack Andrews
Zoning Manager, Empire Telecom o/b/o AT&T Wireless
10130 Donleigh Drive
Columbia, MD 21046
443-677-0144

January 25, 2019

General Manager
Clear Channel Broadcasting
495 Benhaven Street
New Haven, CT 06514

RE: AT&T Wireless Modifications to Telecommunication Facility –
Clear Channel Tower at 360 Gaylord Mountain Road, Hamden, CT 06518
AT&T Site CT5663

Dear General Manager:

In order to accommodate technological changes, implement the Uniform Mobile Telecommunications System and enhance system performance in the State of Connecticut, AT&T Wireless ("AT&T") will be installing replacement fiber optic cable at the above referenced telecommunications facility. AT&T Wireless currently maintains a wireless telecommunications facility on an existing 625 foot tall lattice tower located at 360 Gaylord Mountain Road, in Hamden, CT. The tower is owned by Clear Channel Broadcasting. The property is likewise owned by Clear Channel Broadcasting.

AT&T Wireless now seeks to install new fiber optic cable at this site, which requires installing one new Purcell cabinet; removal of one existing GSM cabinet; installing one new hand hole; installing two new 50 amp DC drops; installing 1350 feet of innerduct; and installing Maxell tape in conduit.

No work or alterations will be performed on the tower or on any equipment attached thereto. Empire Telecommunications USA LLC has been tasked with laying the infrastructure for the new fiber optic cable; actual installation of the new fiber optic cable will be performed by a cable provider at a later date.

As required by the Regulations of Connecticut State Agencies ("RCSA") section 16-50j-73, the Connecticut Siting Council ("CSC") has been notified of the proposed changes and will review AT&T's proposal. Please accept this letter as notification to the property owner under RCSA section 16-50j-73 of construction which constitutes an exempt modification pursuant to RCSA section 16-50j-72(b)(2).

The enclosed letter to the CSC fully describes AT&T's proposal for the above referenced site. However, if you have any questions or require any additional information concerning our plans or the CSC procedures, please contact me at 443-677-0144 or contact Melanie Bachman, Acting Executive Director of the CSC at 860-872-2935.

Respectfully submitted,



Jack Andrews
Zoning Manager, Empire Telecom
o/b/o AT&T Wireless
10130 Donleigh Drive
Columbia, MD 21046
443-677-0144
jandrews@empiretelecomm.com

Enclosures

cc: Melanie Bachman, Connecticut Siting Council

Jack Andrews
Zoning Manager, Empire Telecom o/b/o AT&T Wireless
10130 Donleigh Drive
Columbia, MD 21046
443-677-0144

January 25, 2019

Daniel W. Kops, Jr., Hamden Town Planner
Hamden Government Center
2750 Dixwell Avenue
Hamden, CT 06518-3320

RE: Modifications to Telecommunication Facility - 360 Gaylord Mountain Road, Hamden, CT 06518
AT&T Site CT5663

Dear Mr. Kops:

In order to accommodate technological changes, implement the Uniform Mobile Telecommunications System and enhance system performance in the State of Connecticut, AT&T Wireless ("AT&T") will be installing replacement fiber optic cable at the above referenced telecommunications facility. AT&T Wireless currently maintains a wireless telecommunications facility on an existing 625 foot tall lattice tower located at 360 Gaylord Mountain Road, in Hamden, CT. The tower is owned by Clear Channel Broadcasting. The property is likewise owned by Clear Channel Broadcasting.

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As required by the Regulations of Connecticut State Agencies ("RCSA") section 16-50j-73, the Connecticut Siting Council ("CSC") has been notified of the proposed changes and will review AT&T's proposal. Please accept this letter as notification to the Municipal Planner under RCSA section 16-50j-73 of construction which constitutes an exempt modification pursuant to RCSA section 16-50j-72(b)(2).

The enclosed letter to the CSC fully describes AT&T's proposal for the above referenced site. However, if you have any questions or require any additional information concerning our plans or the CSC procedures, please contact me at 443-677-0144 or contact Melanie Bachman, Acting Executive Director of the CSC at 860-872-2935.

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Enclosures

cc: Melanie Bachman, Connecticut Siting Council

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Zoning Manager, Empire Telecom o/b/o AT&T Wireless
10130 Donleigh Drive
Columbia, MD 21046
443-677-0144

January 25, 2019

The Honorable Curt B. Leng, Mayor
Town of Hamden
Hamden Government Center
2750 Dixwell Avenue
Hamden, CT 06518-3320

RE: Modifications to Telecommunication Facility - 360 Gaylord Mountain Road, Hamden, CT 06518
AT&T Site CT5663

Dear Mayor Leng:

In order to accommodate technological changes, implement the Uniform Mobile Telecommunications System and enhance system performance in the State of Connecticut, AT&T Wireless ("AT&T") will be installing replacement fiber optic cable at the above referenced telecommunications facility. AT&T Wireless currently maintains a wireless telecommunications facility on an existing 625 foot tall lattice tower located at 360 Gaylord Mountain Road, in Hamden, CT. The tower is owned by Clear Channel Broadcasting. The property is likewise owned by Clear Channel Broadcasting.

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As required by the Regulations of Connecticut State Agencies ("RCSA") section 16-50j-73, the Connecticut Siting Council ("CSC") has been notified of the proposed changes and will review AT&T's proposal. Please accept this letter as notification to the municipality under RCSA section 16-50j-73 of construction which constitutes an exempt modification pursuant to RCSA section 16-50j-72(b)(2).

The enclosed letter to the CSC fully describes AT&T's proposal for the above referenced site. However, if you have any questions or require any additional information concerning our plans or the CSC procedures, please contact me at 443-677-0144 or contact Melanie Bachman, Acting Executive Director of the CSC at 860-872-2935.

Respectfully submitted,



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jandrews@empiretelecomm.com

Enclosures

cc: Melanie Bachman, Connecticut Siting Council

Jack Andrews
Zoning Manager, Empire Telecom
10130 Donleigh Drive
Columbia, MD 21046
443-286-4007
jandrews@empiretelecomm.com

January 25, 2019

Melanie Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

NOTICE OF EXEMPT MODIFICATION
AT&T Site CT5663

360 Gaylord Mountain Road, Hamden, CT 06518
Lat: 41-26-1.41 (41.433725)
Long. 72-56-42.86 (-72.94523889)

Dear Ms. Bachman:

AT&T Wireless currently maintains a wireless telecommunications facility on an existing 625 foot tall lattice tower located at 360 Gaylord Mountain Road, in Hamden, CT. The tower is owned by Clear Channel Broadcasting. The property is likewise owned by Clear Channel Broadcasting.

AT&T Wireless now seeks to install new fiber optic cable at this site, which requires installing one new Purcell cabinet; removal of one existing GSM cabinet; installing one new hand hole; installing two new 50 amp DC drops; installing 1350 feet of innerduct; and installing Maxell tape in conduit.

No work or alterations will be performed on the tower or on any equipment attached thereto. Empire Telecommunications USA LLC has been tasked with laying the infrastructure for the new fiber optic cable; actual installation of the new fiber optic cable will be performed by a cable provider at a later date.

The facility was approved by the Connecticut Siting Council in EM-AT&T-062-160804 on August 22, 2016. Six (6) conditions were enumerated in the Council's decision:

1) Any deviation from the proposed modification as specified in this notice and supporting materials with the council shall render this acknowledgement invalid;

- 2) Any material changes to the modification as proposed shall require the filing of a new notice with the Council;
- 3) Within 45 days after the completion of construction the Council shall be notified in writing that the construction has been completed;
- 4) Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by AT&T shall be removed within 60 days of the date the antenna ceased to function;
- 5) the validity of the action shall expire one year from the date of the letter; and
- 6) the applicant may file a request an extension of time beyond the one year deadline provided that such a request is submitted to the Council not less than 60 days prior to the expiration.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies section 16-50j-73 for construction that constitutes an exempt modification pursuant to RCSA section 16-50j-72(b)(2). In accordance with RCSA section 16-50j-73, a copy of this letter and attachments is being sent to the Honorable Curt B. Leng, the Mayor of the Town of Hamden, to Daniel W. Kops, Jr., Hamden Town Planner, as well as to Clear Channel Broadcasting, the property owner (and the tower owner).

The planned modifications to the facility fall squarely within those activities expressly provided for in RCSA section 50j-72(b)(2).

1. The proposed modifications will not result in an increase in height of the existing structure.
2. The proposed modifications will not require an extension of the site boundary.
3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that will exceed state and local limits.
4. The operation of the replacement antennas will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commission safety standard.
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. No new tower loading is proposed.

For the foregoing reasons, AT&T Wireless respectfully submits that the proposed modifications to the above referenced telecommunications facility constitute an exempt modification under RCSA section 16-50j-72(b)(2).

Respectfully submitted,



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o/b/o AT&T Wireless
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Columbia, MD 21046
443-286-4007
jandrews@empiretelecomm.com

Enclosures

cc: Honorable Curt B. Leng, as Mayor of the Town of Hamden
Daniel W. Kops, Jr., as Hamden Town Planner
Clear Channel Broadcasting, as property owner and the tower owner.

Tracking®

Tracking

Another Package +

Tracking Number: 9505510391979025255947

On Time

Expected Delivery on

MONDAY

28 JANUARY 2019 **8:00pm**

Status

Delivered

January 28, 2019 at 11:15 am
Delivered, In/At Mailbox
HAMDEN, CT 06518

Get Updates

Delivered

Tracking®

Tracking

Another Package +

Tracking Number: 9505510391979025255930

On Time

Expected Delivery on

MONDAY

28 by **8:00pm**
JANUARY 2019 ⓘ

Status

Delivered

January 28, 2019 at 9:59 am
Delivered, In/At Mailbox
HAMDEN, CT 06514

[Get Updates](#) ▾

Delivered



Quick Tools

Mail & Ship

Track & Manage

Postal Store

Business

International

Tracking®

Tracking

Another Package +

Tracking Number: 95055103919790252555923

Expected Delivery on

TUESDAY

29 JANUARY 2019 ⓘ by 8:00pm ⓘ

Status

Delivered

January 29, 2019 at 10:14 am
Delivered, Left with Individual
HAMDEN, CT 06518

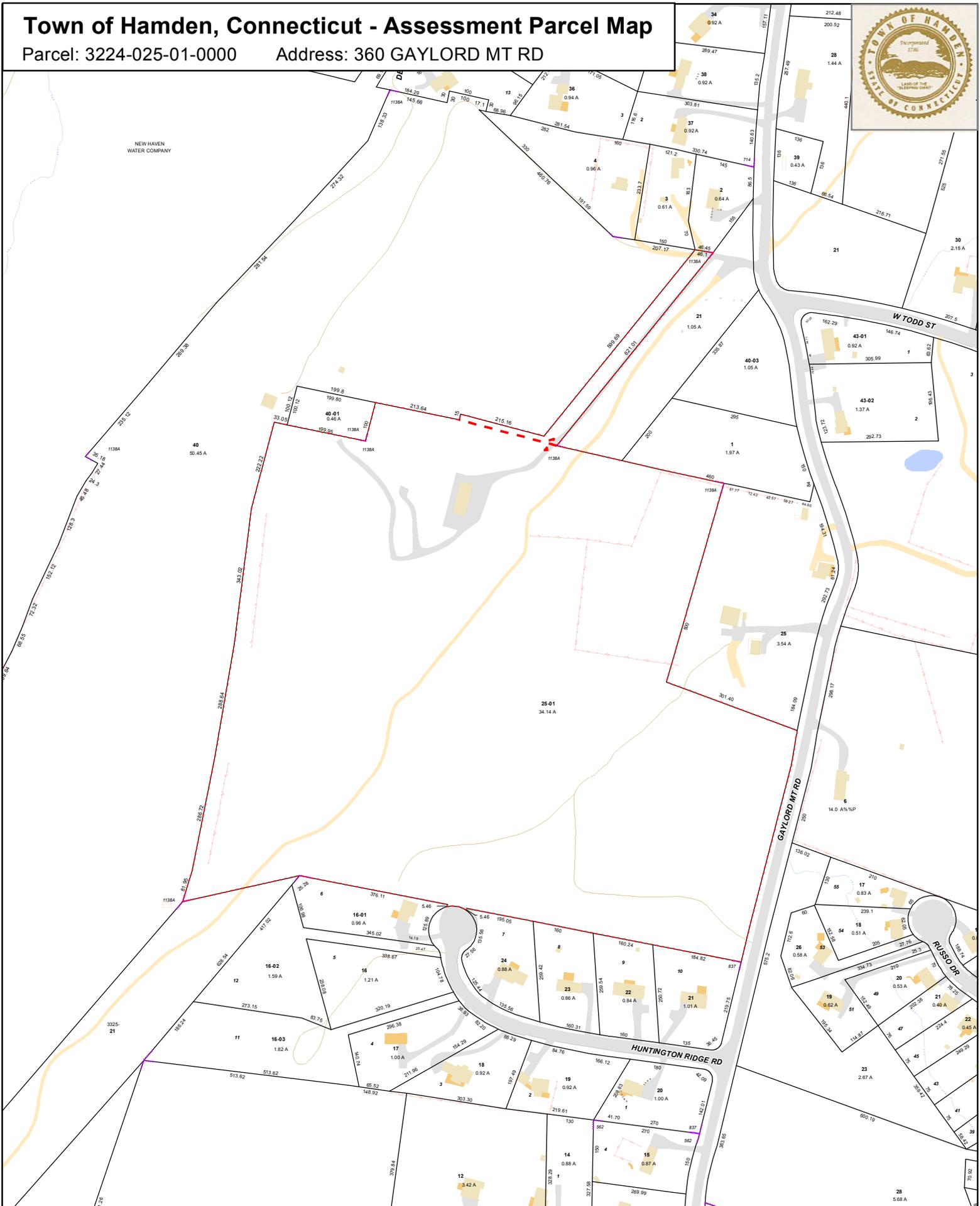
Get Updates ▼

Delivered

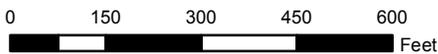
Town of Hamden, Connecticut - Assessment Parcel Map

Parcel: 3224-025-01-0000

Address: 360 GAYLORD MT RD



Approximate Scale: 1 inch = 300 feet



Map Produced: March 2018

Disclaimer: This map is for informational purposes only. All information is subject to verification by any user. The Town of Hamden and its mapping contractors assume no legal responsibility for the information contained herein.



WIRELESS COMMUNICATIONS FACILITY

CT5663 - LTE 2C

HAMDEN

360 GAYLORD MOUNTAIN ROAD

HAMDEN, CT 06518

GENERAL NOTES

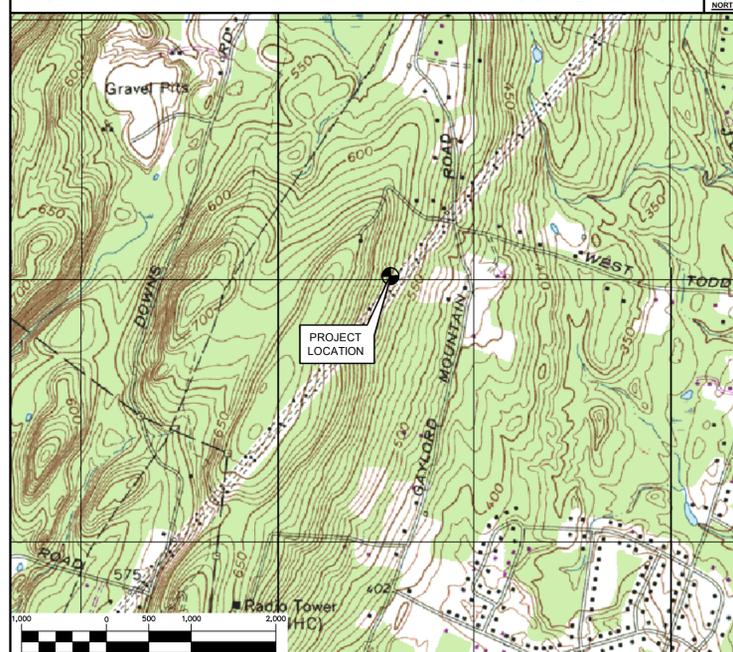
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2005 CONNECTICUT SUPPLEMENT AND 2009 AMENDMENTS, INCLUDING THE IA/EIA-222 REVISION "F" "STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND SUPPORTING STRUCTURES," 2005 CONNECTICUT FIRE SAFETY CODE AND 2009 AMENDMENTS, NATIONAL ELECTRICAL CODE AND LOCAL CODES.
2. THE COMPOUND, TOWER, PRIMARY GROUND RING, ELECTRICAL SERVICE TO THE METER BANK AND TELEPHONE SERVICE TO THE DEMARCATION POINT ARE PROVIDED BY SITE OWNER. AS BUILT FIELD CONDITIONS REGARDING THESE ITEMS SHALL BE CONFIRMED BY THE CONTRACTOR. SHOULD ANY FIELD CONDITIONS PRECLUDE COMPLIANCE WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL NOT PROCEED WITH ANY AFFECTED WORK.
3. CONTRACTOR SHALL REVIEW ALL DRAWINGS AND SPECIFICATIONS IN THE CONTRACT DOCUMENT SET. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN IN THE SET OF DRAWINGS. THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF DRAWINGS TO ALL SUBCONTRACTORS AND ALL RELATED PARTIES. THE SUBCONTRACTORS SHALL EXAMINE ALL THE DRAWINGS AND SPECIFICATIONS FOR THE INFORMATION THAT AFFECTS THEIR WORK.
4. CONTRACTOR SHALL PROVIDE A COMPLETE BUILD-OUT WITH ALL FINISHES, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS AND PROVIDE ALL ITEMS AS SHOWN OR INDICATED ON THE DRAWINGS OR IN THE WRITTEN SPECIFICATIONS.
5. CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR AND EQUIPMENT TO COMPLETE THE WORK AND FURNISH A COMPLETED JOB ALL IN ACCORDANCE WITH LOCAL AND STATE GOVERNING AUTHORITIES AND OTHER AUTHORITIES HAVING LAWFUL JURISDICTION OVER THE WORK.
6. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND ALL INSPECTIONS REQUIRED AND SHALL ALSO PAY FEES REQUIRED FOR THE GENERAL CONSTRUCTION, PLUMBING, ELECTRICAL AND HVAC. PERMITS SHALL BE PAID FOR BY THE RESPECTIVE SUBCONTRACTORS.
7. CONTRACTOR SHALL MAINTAIN A CURRENT SET OF DRAWINGS AND SPECIFICATIONS ON SITE AT ALL TIMES AND INSURE DISTRIBUTION OF NEW DRAWINGS TO SUBCONTRACTORS AND OTHER RELEVANT PARTIES AS SOON AS THEY ARE MADE AVAILABLE. ALL OLD DRAWINGS SHALL BE MARKED VOID AND REMOVED FROM THE CONTRACT AREA. THE CONTRACTOR SHALL FURNISH AN "AS-BUILT" SET OF DRAWINGS TO OWNER UPON COMPLETION OF PROJECT.
8. LOCATION OF EQUIPMENT, AND WORK SUPPLIED BY OTHERS THAT IS DIAGRAMMATICALLY INDICATED ON THE DRAWINGS SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL DETERMINE LOCATIONS AND DIMENSIONS SUBJECT TO STRUCTURAL CONDITIONS AND WORK OF THE SUBCONTRACTORS.
9. THE CONTRACTOR IS SOLELY RESPONSIBLE TO DETERMINE CONSTRUCTION PROCEDURE AND SEQUENCE, AND TO ENSURE THE SAFETY OF THE EXISTING STRUCTURES AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, BRACING, UNDERPINNING, ETC. THAT MAY BE NECESSARY. MAINTAIN EXISTING BUILDING'S/PROPERTY'S OPERATIONS, COORDINATE WORK WITH BUILDING/PROPERTY OWNER.
10. DRAWINGS INDICATE THE MINIMUM STANDARDS, BUT IF ANY WORK SHOULD BE INDICATED TO BE SUBSTANDARD TO ANY ORDINANCES, LAWS, CODES, RULES, OR REGULATIONS BEARING ON THE WORK, THE CONTRACTOR SHALL INCLUDE IN HIS WORK AND SHALL EXECUTE THE WORK CORRECTLY IN ACCORDANCE WITH SUCH ORDINANCES, LAWS, CODES, RULES OR REGULATIONS WITH NO INCREASE IN COSTS.
11. ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS AND SPECIFICATIONS.
12. ALL EQUIPMENT AND PRODUCTS PURCHASED ARE TO BE REVIEWED BY CONTRACTOR AND ALL APPLICABLE SUBCONTRACTORS FOR ANY CONDITION PER MFR.'S RECOMMENDATIONS. CONTRACTOR TO SUPPLY THESE ITEMS AT NO COST TO OWNER OR CONSTRUCTION MANAGER.
13. ANY AND ALL ERRORS, DISCREPANCIES, AND 'MISSED' ITEMS ARE TO BE BROUGHT TO THE ATTENTION OF THE AT&T CONSTRUCTION MANAGER DURING THE BIDDING PROCESS BY THE CONTRACTOR. ALL THESE ITEMS ARE TO BE INCLUDED IN THE BID. NO 'EXTRA' WILL BE ALLOWED FOR MISSED ITEMS.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE SAFETY FROM THE TIME THE JOB IS AWARDED UNTIL ALL WORK IS COMPLETE AND ACCEPTED BY THE OWNER.
15. CONTRACTOR TO REVIEW ALL SHOP DRAWINGS AND SUBMIT COPY TO ENGINEER FOR APPROVAL. DRAWINGS MUST BEAR THE CHECKER'S INITIALS BEFORE SUBMITTING TO THE CONSTRUCTION MANAGER FOR REVIEW.
16. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, ANGLES, AND EXISTING CONDITIONS AT THE SITE, PRIOR TO FABRICATION AND/OR INSTALLATION OF ANY WORK IN THE CONTRACT AREA.
17. COORDINATION, LAYOUT, FURNISHING AND INSTALLATION OF CONDUIT AND ALL APPURTENANCES REQUIRED FOR PROPER INSTALLATION OF ELECTRICAL AND TELECOMMUNICATION SERVICE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
18. ALL EQUIPMENT AND PRODUCTS PURCHASED ARE TO BE REVIEWED BY CONTRACTOR AND ALL APPLICABLE SUB-CONTRACTORS FOR ANY CONDITION PER THE MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO SUPPLY THESE ITEMS AT NO COST TO OWNER OR CONSTRUCTION MANAGER.
19. ALL DAMAGE CAUSED TO ANY EXISTING STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE HELD LIABLE FOR ALL REPAIRS REQUIRED FOR EXISTING STRUCTURES IF DAMAGED DURING CONSTRUCTION ACTIVITIES.
20. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT LEAST 48 HOURS PRIOR TO ANY EXCAVATIONS AT 1-800-922-4455. ALL UTILITIES SHALL BE IDENTIFIED AND CLEARLY MARKED PRIOR TO ANY EXCAVATION WORK. CONTRACTOR SHALL MAINTAIN AND PROTECT MARKED UTILITIES THROUGHOUT PROJECT COMPLETION.
21. CONTRACTOR SHALL COMPLY WITH OWNERS ENVIRONMENTAL ENGINEER ON ALL METHODS AND PROVISIONS FOR ALL EXCAVATION ACTIVITIES INCLUDING SOIL DISPOSAL. ALL BACKFILL MATERIALS TO BE PROVIDED BY THE CONTRACTOR.

SITE DIRECTIONS

FROM: 500 ENTERPRISE DRIVE ROCKY HILL, CONNECTICUT	TO: 360 GAYLORD MOUNTAIN ROAD HAMDEN, CONNECTICUT
1. TAKE RAMP LEFT FOR I-91 SOUTH	22.6 MI
2. AT EXIT 10, TAKE RAMP RIGHT FOR CT-40 TOWARD MT. CARMEL / HAMDEN	2.5 MI
3. BEAR RIGHT ONTO CT-10 / WHITNEY AVE	1.7 MI
4. TURN LEFT ONTO TODD ST	0.6 MI
5. TURN RIGHT ONTO SHEPARD AVE	491 FT
6. TURN LEFT ONTO W TODD ST	1.4 MI
7. BEAR RIGHT ONTO GAYLORD MOUNTAIN RD	385 FT
ARRIVE AT GAYLORD MOUNTAIN RD AND TURN RIGHT	80 FT

VICINITY MAP

SCALE: 1" = 1000'



PROJECT SUMMARY

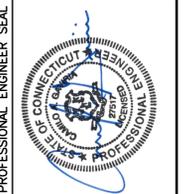
1. THE PROPOSED SCOPE OF WORK CONSISTS OF A MODIFICATION TO THE EXISTING UNMANNED TELECOMMUNICATIONS FACILITY INCLUDING THE FOLLOWING:
 - A. REMOVE AND REPLACE EXISTING POSITION 2 ANTENNA FOR PROPOSED LTE HEXPORT ANTENNA, (1) PER SECTOR/ (3) TOTAL.
 - B. INSTALL (3) NEW RRU-12+A2 ON EXISTING LATTICE GUYED TOWER.

PROJECT INFORMATION

AT&T SITE NUMBER:	CT5663
AT&T SITE NAME:	HAMDEN
SITE ADDRESS:	360 GAYLORD MOUNTAIN ROAD HAMDEN, CT 06518
LESSEE/APPLICANT:	AT&T MOBILITY 500 ENTERPRISE DRIVE, SUITE 3A ROCKY HILL, CT 06067
ENGINEER:	CEN TEK ENGINEERING, INC. 63-2 NORTH BRANFORD RD. BRANFORD, CT. 06405
PROJECT COORDINATES:	LATITUDE: 41°-26'-1.41" N LONGITUDE: 72°-56'-42.86" W GROUND ELEVATION: ±620' AMSL COORDINATES AND GROUND ELEVATION REFERENCED FROM GOOGLE EARTH.

SHEET INDEX

SHT. NO.	DESCRIPTION	REV.
T-1	TITLE SHEET	1
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E-1	LTE SCHEMATIC DIAGRAM AND NOTES	1
E-2	LTE WIRING DIAGRAM	1
E-3	TYPICAL ELECTRICAL DETAILS	1



CEN TEK engineering
 2031 498-0380
 2031 498-3897
 632 North Branford Road
 Branford, CT 06405
 www.CentekEng.com

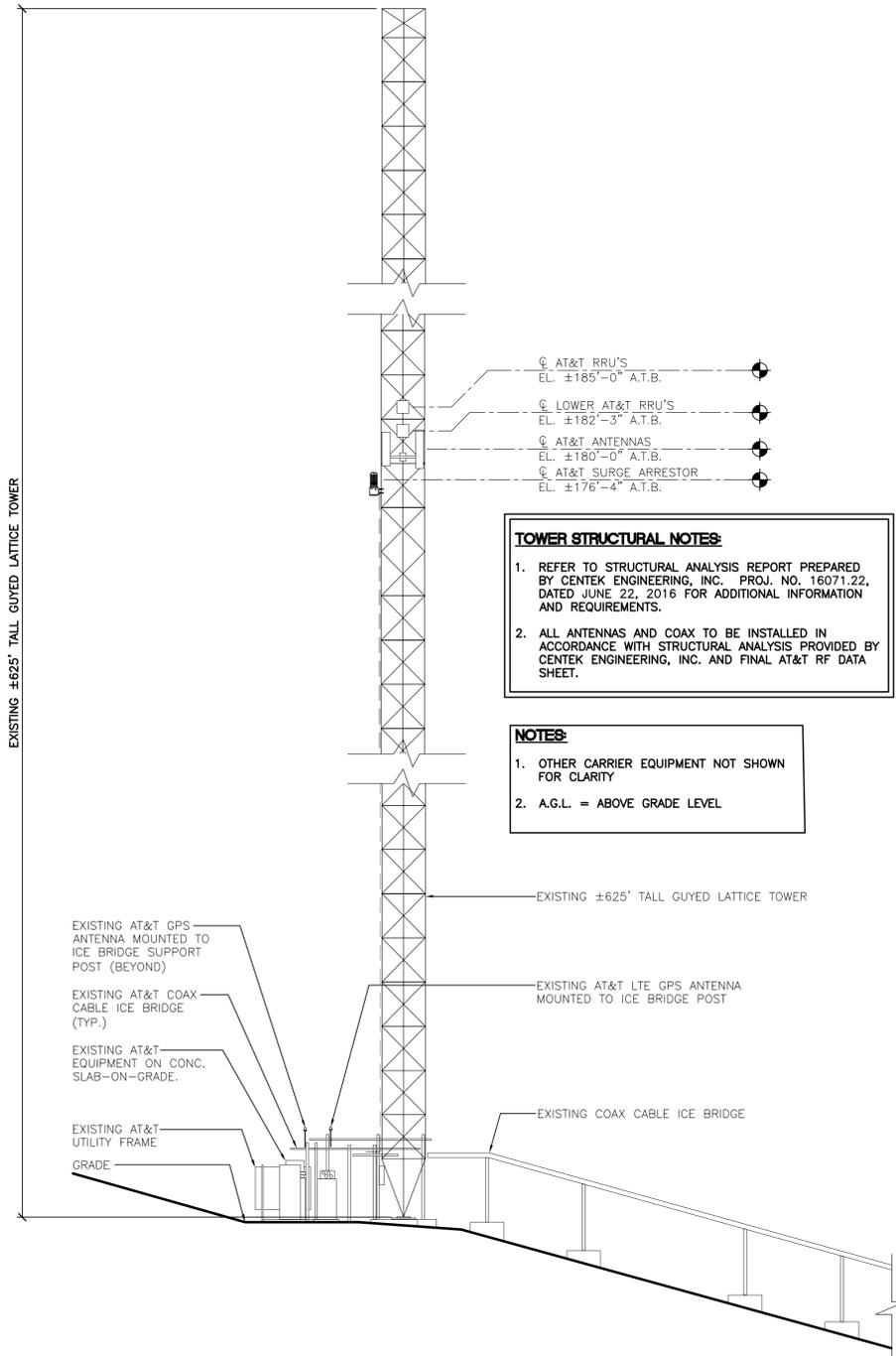
AT&T MOBILITY
 WIRELESS COMMUNICATIONS FACILITY
HAMDEN
CT5663 - LTE 2C
360 GAYLORD MOUNTAIN ROAD
HAMDEN, CT 06518

DATE: 06/14/16
 SCALE: AS NOTED
 JOB NO. 16071.22

TITLE SHEET

T-1

REV.	DATE	BY	CHKD	DESCRIPTION
1	7/21/16	ASC	KAMUR	CONSTRUCTION DOCUMENTS - ISSUED FOR CONSTRUCTION
0	06/16/16			CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW



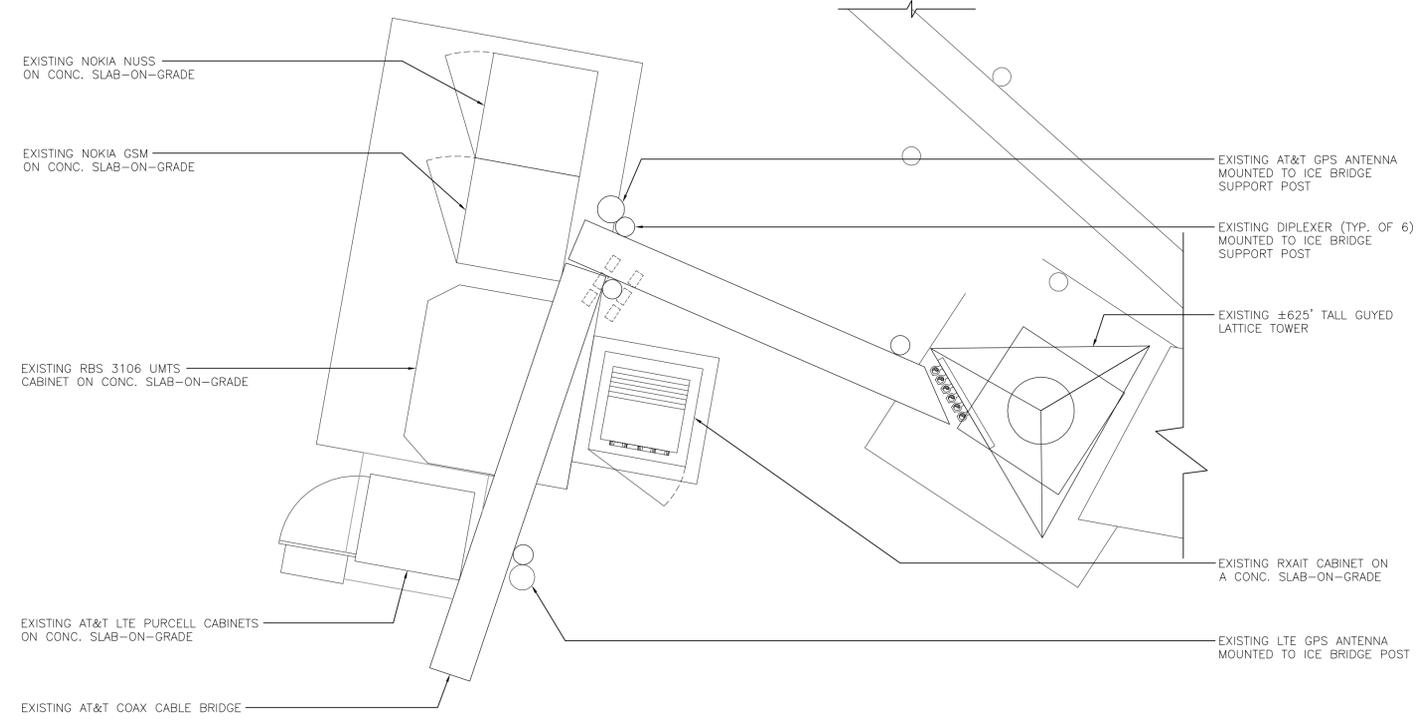
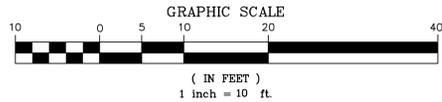
TOWER STRUCTURAL NOTES:

- REFER TO STRUCTURAL ANALYSIS REPORT PREPARED BY CENTEK ENGINEERING, INC. PROJ. NO. 16071.22, DATED JUNE 22, 2016 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- ALL ANTENNAS AND COAX TO BE INSTALLED IN ACCORDANCE WITH STRUCTURAL ANALYSIS PROVIDED BY CENTEK ENGINEERING, INC. AND FINAL AT&T RF DATA SHEET.

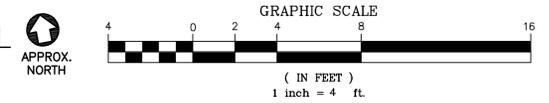
NOTES:

- OTHER CARRIER EQUIPMENT NOT SHOWN FOR CLARITY
- A.G.L. = ABOVE GRADE LEVEL

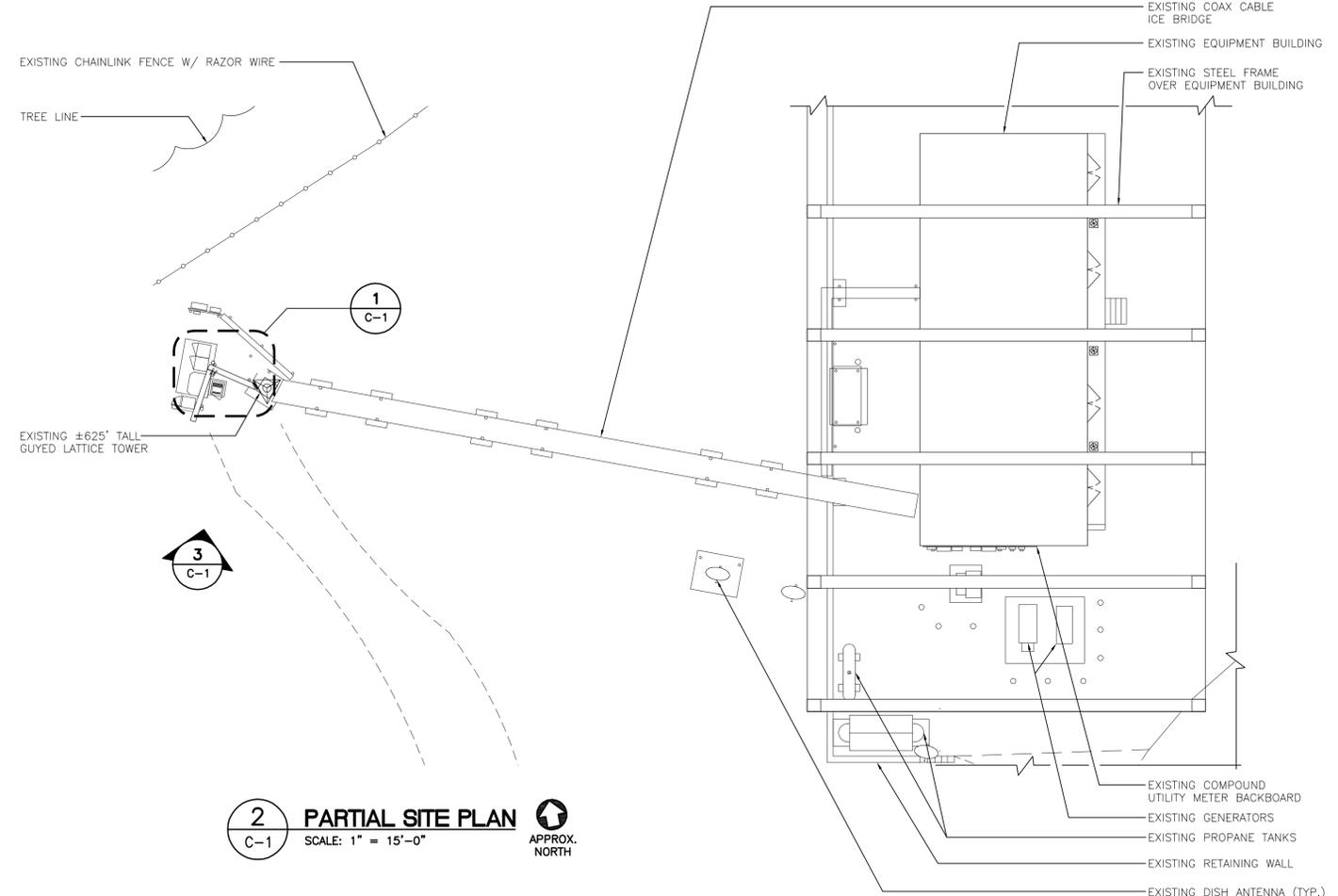
3 SOUTH ELEVATION
 C-1 SCALE: 1" = 10'-0"



1 EQUIPMENT LAYOUT PLAN
 C-1 SCALE: 1/4" = 1'-0"



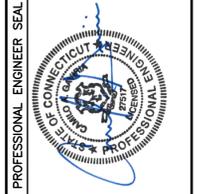
APPROX. NORTH



2 PARTIAL SITE PLAN
 C-1 SCALE: 1" = 15'-0"

APPROX. NORTH

REV.	DATE	BY	DESCRIPTION
1	7/21/16	ASC	CONSTRUCTION DOCUMENTS - ISSUED FOR CONSTRUCTION
0	06/16/16	KAWJR	CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW



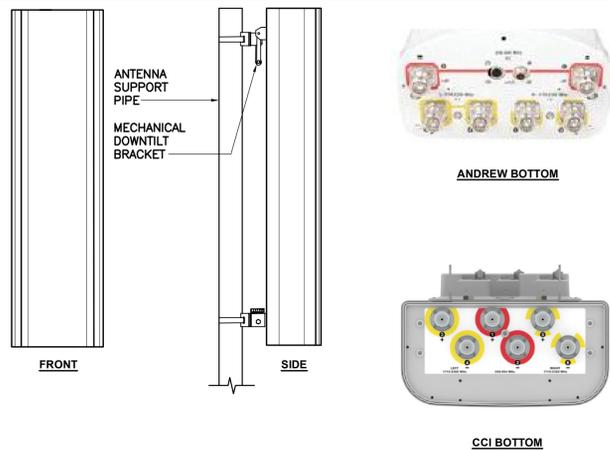
CEN TEK engineering
 Centered on Solutions
 (203) 498-0390
 (203) 498-3397 Fax
 622 North Branford Road
 Branford, CT 06405
 www.CentekEng.com

AT&T MOBILITY
 WIRELESS COMMUNICATIONS FACILITY
HAMDEN
 CT5663 - LTE 2C
 360 GAYLORD MOUNTAIN ROAD
 HAMDEN, CT 06518

DATE: 06/14/16
 SCALE: AS NOTED
 JOB NO. 16071.22

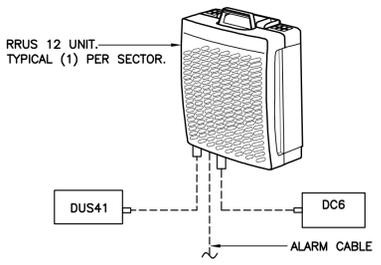
PLANS, ELEVATION AND DETAILS

C-1
 Sheet No. 3 of 7



ALPHA/BETA/GAMMA ANTENNA		
EQUIPMENT	DIMENSIONS	WEIGHT
MAKE: ANDREW MODEL: SBNHH-1D65A	55"L x 11.9"W x 7.1"D	33.5 LBS.
MAKE: CCI MODEL: HPA-65R-BU-H6	72.0"H x 14.8"W x 9.0"D	51-LBS

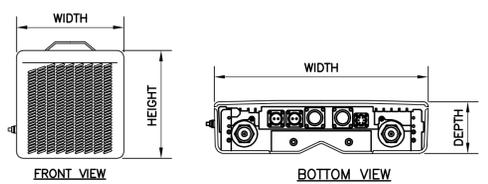
5 PROPOSED ANTENNA DETAIL
SCALE: 1/2" = 1'-0"



RRU (REMOTE RADIO UNIT)			
EQUIPMENT	DIMENSIONS	WEIGHT	CLEARANCES
MAKE: ERICSSON MODEL: RRU 12	20.4"L x 18.5"W x 7.5"D	50 LBS.	ABOVE: 16" MIN. BELOW: 12" MIN. FRONT: 36" MIN.

NOTES:
1. CONTRACTOR TO COORDINATE FINAL EQUIPMENT MODEL SELECTION WITH AT&T CONSTRUCTION MANAGER PRIOR TO ORDERING.

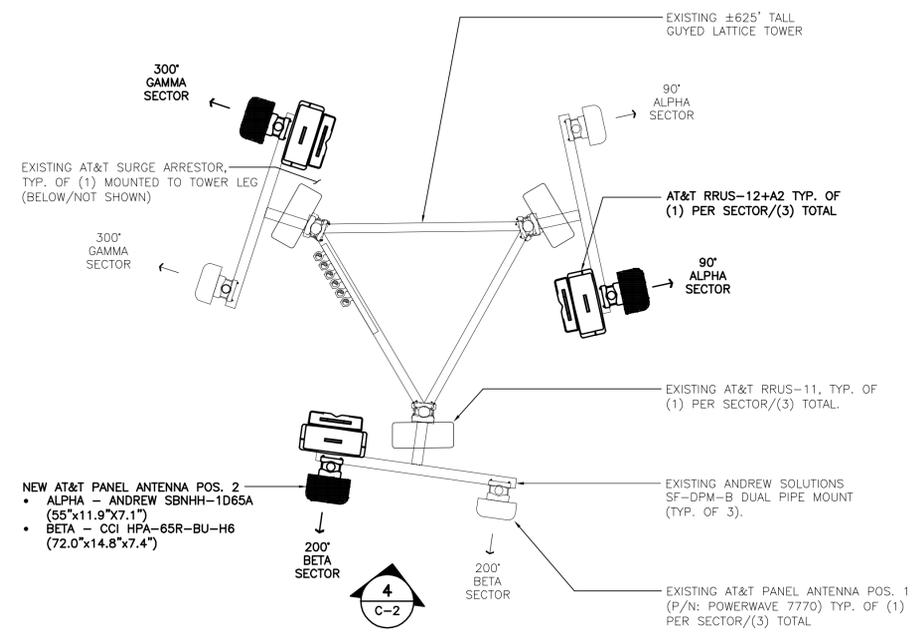
6 ERICSSON RRU 12 DETAIL
SCALE: 1" = 1'-0"



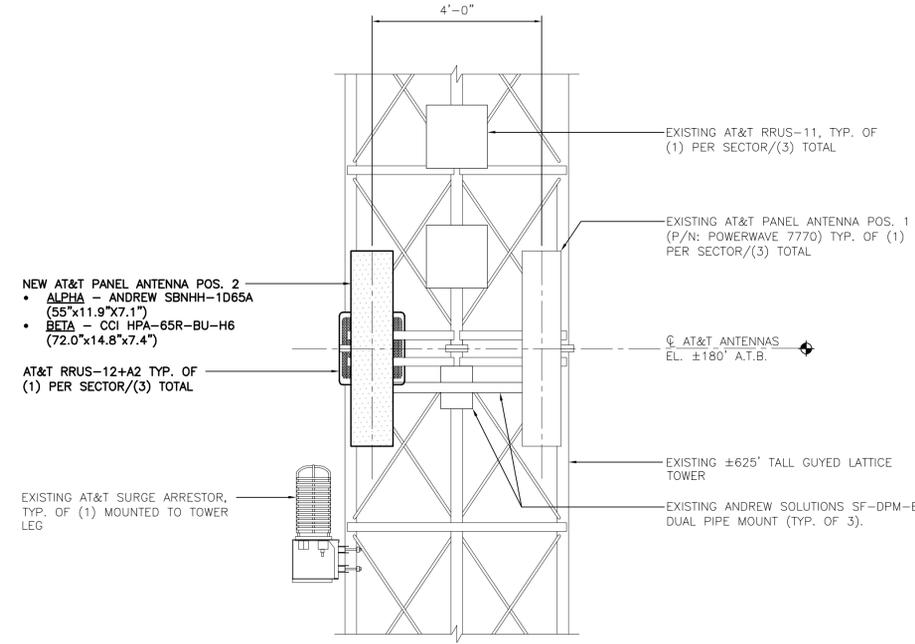
RRU (REMOTE RADIO UNIT)			
EQUIPMENT	DIMENSIONS	WEIGHT	CLEARANCES
MAKE: ERICSSON MODEL: RRU A2	16.42"L x 15.19"W x 3.35"D	22.05 LBS.	ABOVE: 16" MIN. BELOW: 12" MIN. FRONT: 36" MIN.

NOTES:
1. CONTRACTOR TO COORDINATE FINAL EQUIPMENT MODEL SELECTION WITH AT&T CONSTRUCTION MANAGER PRIOR TO ORDERING.

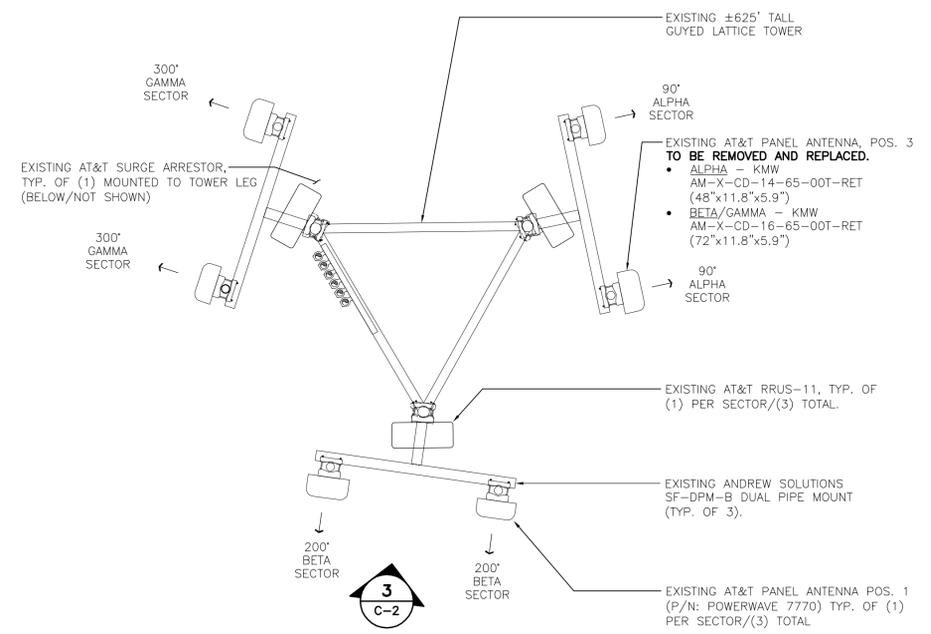
7 ERICSSON RRU A2 DETAIL
SCALE: 1" = 1'-0"



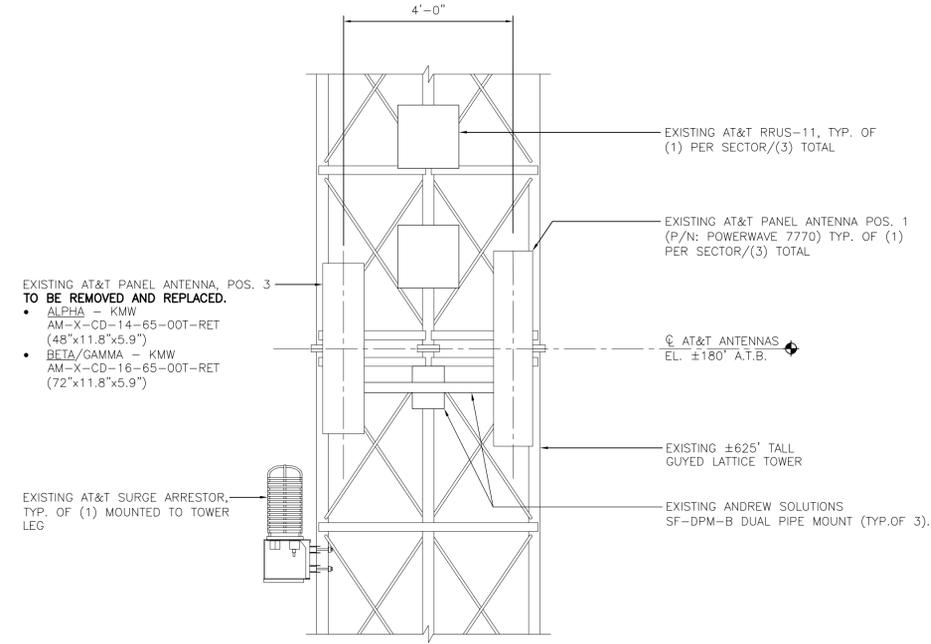
2 PROPOSED ANTENNA PLAN
SCALE: 1/2" = 1'-0"
APPROX. NORTH



4 TYP. SECTOR ELEVATION - PROPOSED
SCALE: 1/2" = 1'-0"



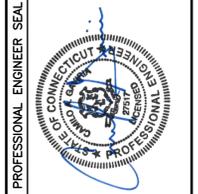
1 EXISTING ANTENNA PLAN
SCALE: 1/2" = 1'-0"
APPROX. NORTH



3 TYP. SECTOR ELEVATION - EXISTING
SCALE: 1/2" = 1'-0"

REV.	DATE	BY	CHKD	DESCRIPTION
1	7/21/16	ASC	KAWR	
0	06/16/16	CAS		

CONSTRUCTION DOCUMENTS - ISSUED FOR CONSTRUCTION
CONSTRUCTION DOCUMENTS - ISSUED FOR CLIENT REVIEW
DRAWN BY: CHKD

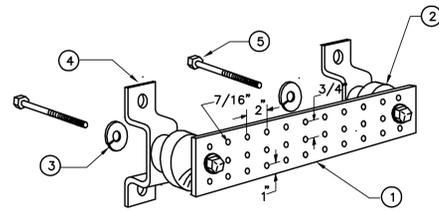


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Centek on Solutions
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622 North Branford Road
Branford, CT 06405
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AT&T MOBILITY
WIRELESS COMMUNICATIONS FACILITY
HAMDEN
CT5663 - LTE 2C
360 GAYLORD MOUNTAIN ROAD
HAMDEN, CT 06518

DATE: 06/14/16
SCALE: AS NOTED
JOB NO. 16071.22

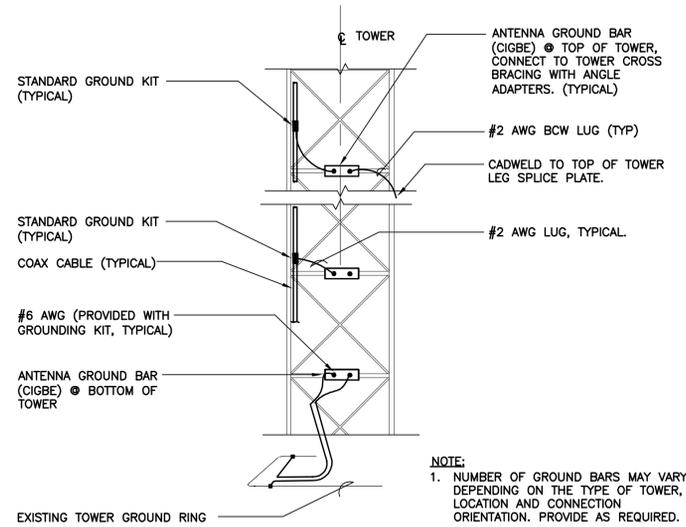
LTE 2C
EQUIPMENT
DETAILS



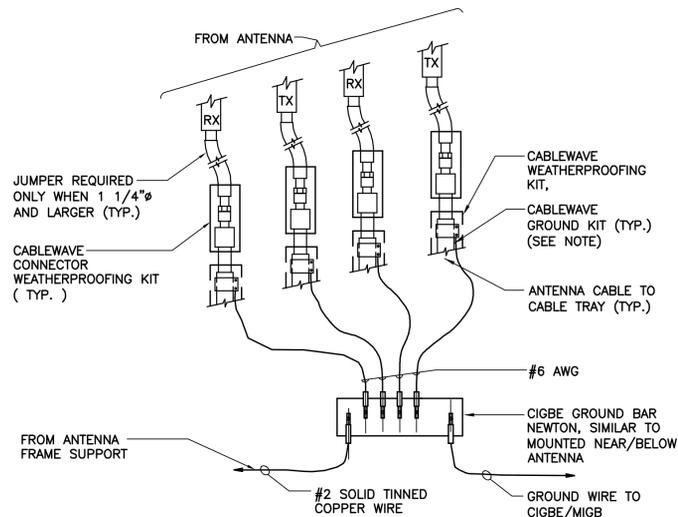
LEGEND

1. TINNED COPPER GROUND BAR, 1/4"x 4"x 20", NEWTON INSTRUMENT CO. HOLE CENTERS TO MATCH NEMA DOUBLE LUG .
2. INSULATORS, NEWTON INSTRUMENT CAT. NO. 2. 3061-4.
3. 5/8" LOCK WASHERS, NEWTON INSTRUMENT CO. CAT. NO. 3015-8.
4. WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO. CAT. NO. A-6056.
5. STAINLESS STEEL SECURITY SCREWS.

3 GROUND BAR DETAIL
E-3 NOT TO SCALE

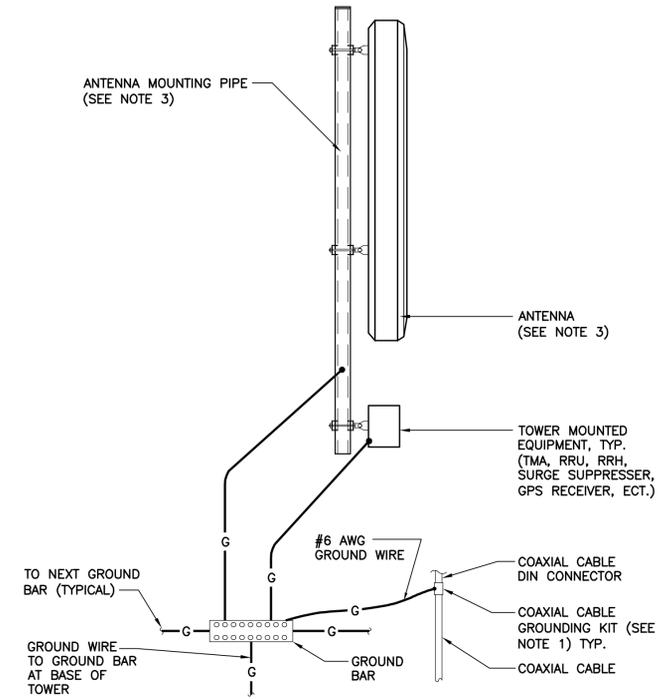


2 ANTENNA CABLE GROUNDING - LATTICE
E-3 NOT TO SCALE



- NOTE:**
1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO CIGBE

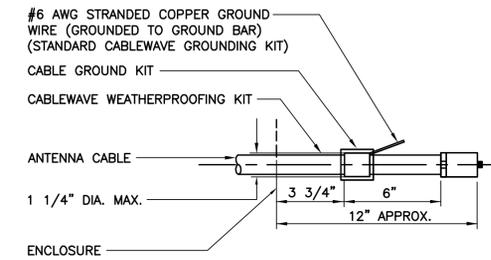
5 CONNECTION OF GROUND WIRES TO GROUND BAR
E-3 NOT TO SCALE



NOTES:

1. BOND COAXIAL CABLE GROUND KITS TO EACH OWNER'S GROUND BAR ALONG ENTIRE COAX RUN FROM ANTENNA TO SHELTER.
2. BOND ALL EQUIPMENT TO GROUND PER NEC AND MANUFACTURERS SPECIFICATIONS.
3. DETAIL IS TYPICAL FOR ALL ANTENNA SECTORS, INCLUDING GPS ANTENNA.

1 TYPICAL ANTENNA GROUNDING DETAIL
E-3 NOT TO SCALE



NOTE:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.

4 ANTENNA CABLE GROUNDING DETAIL
E-3 NOT TO SCALE

CONSTRUCTION DOCUMENTS - ISSUED FOR CONSTRUCTION	CAS	ASC	DATE	REV.
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