

March 21, 2023

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

**Re:** Notice of Exempt Modifications – AT&T Site CT2873  
AT&T Telecommunications Facility @ 15 Great Pasture Rd Danbury, CT 06810

Dear Ms. Bachman,

New Cingular Wireless, PCS, LLC (“AT&T”) currently maintains a wireless telecommunications facility on an existing +/- 140’ monopole tower at the above referenced address, latitude 41.383003, longitude - 73.422159. Said monopole tower is owned and managed by KGI Wireless, Inc.

AT&T desires to modify its existing telecommunications facility by replacing three (3) antennas, adding three (3) RRUs and rotating existing mount as more particularly detailed and described on the enclosed Construction Drawings prepared by TEP Northeast, last revised on March 9, 2023. The centerline height of the existing antennas is and will remain at 140 feet.

Please accept this letter as notification pursuant to R.C.S.A §16-50j-73 for construction that constitutes an exempt modification pursuant to R.C.S.A §16-50j-72(b)(2). In accordance with R.C.S.A §16-50j-73, a copy of this letter is being sent to the following individuals: Dean Esposito, Mayor for the City of Danbury; Sharon Calitro, Director of Planning & Zoning; Stephanie Oswald for KGI Wireless, Inc. as tower owner and Eppoliti Industrial Realty Inc as property owner.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. §16-50j-72(b)(2). Specifically:

1. The proposed modifications will not result in an increase in the 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 exceed state and local criteria.
4. The operation of the modified facility will not increase radio frequency emissions at the facility to a level at or above the Federal Communications Commissions safety standard. *Please see the RF emissions calculation for AT&T’s modified facility enclosed herewith.*
5. The proposed modifications will not cause an ineligible change or alternation in the physical or environmental characteristics of the site.
6. The existing structure and its foundation can support the proposed loading. Please see the structural analysis dated March 16, 2023 and prepared by Tower Engineering Solutions enclosed herewith.

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

Best Regards,

**Allison Conwell**

*Site Acquisition Consultant – Agent for AT&T*  
*Centerline Communications LLC*  
750 West Center St. Ste 301  
West Bridgewater, MA 02379  
215-588-7035  
aconwell@clinellc.com

Enclosures:     Exhibit 1 – Construction Drawings  
                     Exhibit 2 – Property Card and GIS  
                     Exhibit 3 – Structural Analysis  
                     Exhibit 4 – Mount Analysis  
                     Exhibit 5 – RF Emissions Analysis Report Evaluation  
                     Exhibit 6 – Available City of Danbury Original Tower Approval Records  
                     Exhibit 7 – Notice Deliver Confirmations

Cc:                Dean Esposito, as elected official, City of Danbury  
                     Sharon Calitro Director of Planning & Zoning, City of Danbury  
                     KGI Wireless, Inc., Tower Owner  
                     Eppoliti Industrial Realty Inc., as Property Owner

# EXHIBIT 1

**PROJECT INFORMATION**

SCOPE OF WORK: ITEMS TO BE MOUNTED ON THE EXISTING MONOPOLE:  
 • NEW AT&T ANTENNAS: QD6616-7 (TYP. OF 1 PER SECTOR, TOTAL OF 3).  
 • NEW AT&T RADIOS: 2012-B29 (TYP. OF 1 PER SECTOR, TOTAL OF 3).  
 • NEW AT&T (6) Y-CABLES  
 • ROTATE EXISTING MOUNT TO LTE AZIMUTHS TO GET BETA & GAMMA SECTOR ANTENNAS IN THE SAME PLANE WITHOUT INTERFERING WITH SAFETY CLIMB CABLE AND COAX PORT.

ITEMS TO BE MOUNTED IN EQUIPMENT LOCATION:  
 • INSTALL (2) RECTIFIERS  
 • ADD 1X6648+XCEDE IDLE CABLE  
 FINAL CONFIGURATION= 1X6630+XMU/1X6630+IDLE/1X6648+XCEDE IDEL CABLE

ITEMS TO BE REMOVED:  
 • EXISTING AT&T ANTENNA: TPA65R-BU6DA (TYP. OF 1 PER SECTOR, TOTAL OF 3)

ITEMS TO REMAIN:  
 • (3) ANTENNAS, (12) RRU'S, (3) SURGE ARRESTOR, (6) DC POWER & (2) FIBER.

RFDS: FINAL-APPROVED V4 RFDS DATED 2/22/23

SITE ADDRESS: 15 GREAT PASTURE ROAD  
 DANBURY, CT 06810

LATITUDE: 41.3830030° N, 41° 22' 58.81" N

LONGITUDE: -73.4221590° W, 73° 25' 19.77" W

TYPE OF SITE: MONOPOLE / INDOOR EQUIPMENT

STRUCTURE HEIGHT: 140'-0"±

RAD CENTER: 140'-0"±

CURRENT USE: TELECOMMUNICATIONS FACILITY

PROPOSED USE: TELECOMMUNICATIONS FACILITY



**SITE NUMBER: CTL02873**

**SITE NAME: DANBURY GREAT PASTURE ROAD**

**FA CODE: 12684101**

**PACE ID: MRCTB066237**

**PROJECT: LTE-6C**

**ISSUED FOR PERMITTING**

**VICINITY MAP**

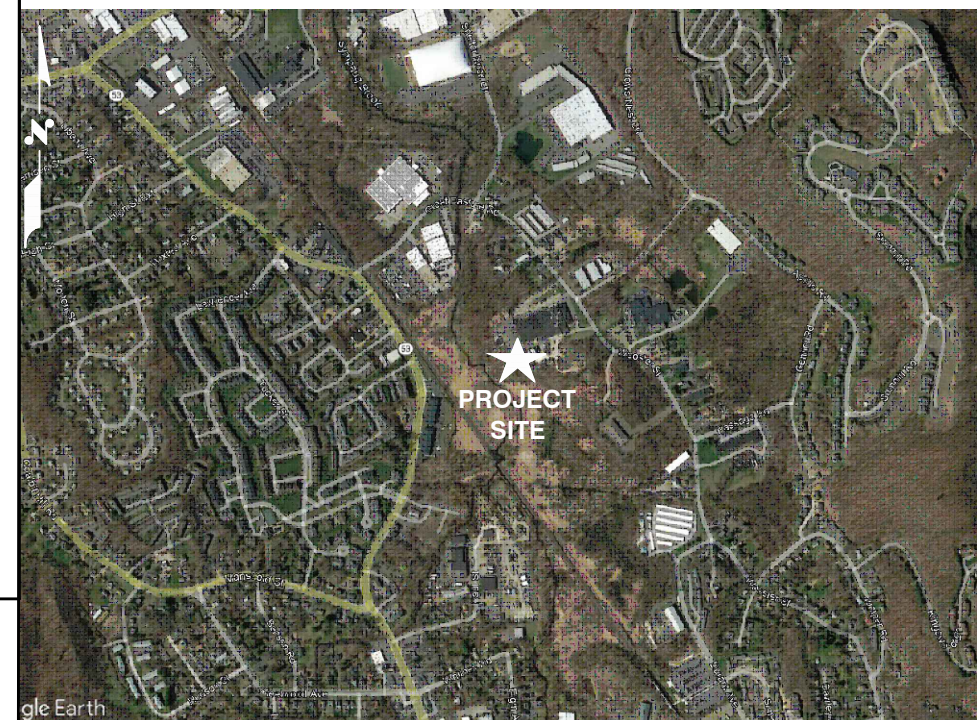
**GENERAL NOTES**

DIRECTIONS TO SITE:  
 HEAD SOUTHWEST 210 FT, TURN RIGHT TOWARD LEGGATT MCCALL CONN 295 FT, TURN LEFT ONTO LEGGATT MCCALL CONN 0.1 MI, CONTINUE ONTO BURR ST 449 FT, TURN LEFT ONTO COCHITUATE RD 331 FT, USE THE RIGHT LANE TO TAKE THE I-90 E/MASS PIKE RAMP TO BOSTON TOLL ROAD, CONTINUE ON I-90 E. TAKE I-95 S AND MA-24 S/STATE RTE 24 S TO MA-27 S IN BROCKTON. TAKE EXIT 33A FROM MA-24 S/STATE RTE 24 S, MERGE WITH MA-27 S 0.8 MI, USE THE LEFT 2 LANES TO TURN LEFT ONTO PLEASANT ST PASS BY HONEY DEW DONUTS (ON THE LEFT IN 0.3 MI) 1.4 MI, CONTINUE ONTO COURT ST 0.1 MI, TURN RIGHT ONTO MONTELLO ST 0.6 MI, TURN LEFT ONTO LAWRENCE ST 0.3 MI, TURN RIGHT ONTO GROVE ST 0.2 MI, TURN LEFT, DESTINATION WILL BE ON THE LEFT

1. THIS DOCUMENT IS THE CREATION, DESIGN, PROPERTY AND COPYRIGHTED WORK OF AT&T. ANY DUPLICATION OR USE WITHOUT EXPRESS WRITTEN CONSENT IS STRICTLY PROHIBITED. DUPLICATION AND USE BY GOVERNMENT AGENCIES FOR THE PURPOSES OF CONDUCTING THEIR LAWFULLY AUTHORIZED REGULATORY AND ADMINISTRATIVE FUNCTIONS IS SPECIFICALLY ALLOWED.
2. THE FACILITY IS AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.
3. CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE AT&T MOBILITY REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.
4. CONSTRUCTION DRAWINGS ARE VALID FOR SIX MONTHS AFTER ENGINEER OF RECORD'S STAMPED AND SIGNED SUBMITTAL DATE LISTED HEREIN.

**DRAWING INDEX**

SHEET NO.	DESCRIPTION	REV.
T-1	TITLE SHEET	B
GN-1	GENERAL NOTES	B
A-1	COMPOUND & EQUIPMENT PLANS	B
A-2	ANTENNA LAYOUT PLANS & ELEVATION	B
A-3	DETAILS	B
G-1	GROUNDING DETAILS	B
RF-1	RF PLUMBING DIAGRAM	B



**72 HOURS**



**CALL BEFORE YOU DIG**



CALL TOLL FREE 1-800-922-4455

OR CALL 811

**UNDERGROUND SERVICE ALERT**



750 WEST CENTER STREET, SUITE #301  
 WEST BRIDGEWATER, MA 02379

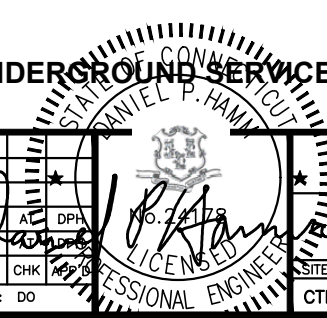
**SITE NUMBER: CTL02873**  
**SITE NAME: DANBURY GREAT PASTURE ROAD**

15 GREAT PASTURE ROAD  
 DANBURY, CT 06810  
 FAIRFIELD COUNTY



550 COCHITUATE ROAD  
 FRAMINGHAM, MA 01701

B 03/09/23 ISSUED FOR PERMITTING		BY: [Signature]		AT&T	
A 01/17/23 ISSUED FOR REVIEW		BY: [Signature]		TITLE SHEET LTE-6C	
NO.	DATE	REVISIONS	BY	CHK	REV
SCALE: AS SHOWN			DESIGNED BY: AT	DRAWN BY: DO	
				SITE NUMBER: CTL02873	
				DRAWING NUMBER: T-1	
				REV: B	





**GROUNDING NOTES**

1. THE SUBCONTRACTOR SHALL REVIEW AND INSPECT THE EXISTING FACILITY GROUNDING SYSTEM AND LIGHTNING PROTECTION SYSTEM (AS DESIGNED AND INSTALLED) FOR STRICT COMPLIANCE WITH THE NEC (AS ADOPTED BY THE AHJ), THE SITE-SPECIFIC (UL, LPI, OR NFPA) LIGHTING PROTECTION CODE, AND GENERAL COMPLIANCE WITH TELCORDIA AND TIA GROUNDING STANDARDS. THE SUBCONTRACTOR SHALL REPORT ANY VIOLATIONS OR ADVERSE FINDINGS TO THE CONTRACTOR FOR RESOLUTION.
2. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GES'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
3. THE SUBCONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81 STANDARDS) FOR NEW GROUND ELECTRODE SYSTEMS. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
4. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
5. EACH BTS CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, #6 AWG STRANDED COPPER OR LARGER FOR INDOOR BTS AND #2 AWG STRANDED COPPER FOR OUTDOOR BTS.
6. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
7. APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
8. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO GROUND BAR.
9. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
10. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
11. METAL CONDUIT SHALL BE MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 AWG COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
12. ALL NEW STRUCTURES WITH A FOUNDATION AND/OR FOOTING HAVING 20 FT. OR MORE OF 1/2 IN. OR GREATER ELECTRICALLY CONDUCTIVE REINFORCING STEEL MUST HAVE IT BONDED TO THE GROUND RING USING AN EXOTHERMIC WELD CONNECTION USING #2 AWG SOLID BARE TINNED COPPER GROUND WIRE, PER NEC 250.50

**GENERAL NOTES**

1. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:  
 CONTRACTOR – CENTERLINE  
 SUBCONTRACTOR – GENERAL CONTRACTOR (CONSTRUCTION)  
 OWNER – AT&T MOBILITY
2. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.
3. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
4. DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.
5. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
6. "KITTING LIST" SUPPLIED WITH THE BID PACKAGE IDENTIFIES ITEMS THAT WILL BE SUPPLIED BY CONTRACTOR. ITEMS NOT INCLUDED IN THE BILL OF MATERIALS AND KITTING LIST SHALL BE SUPPLIED BY THE SUBCONTRACTOR.
7. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
8. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE CONTRACTOR.
9. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWING. SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR.
10. THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
11. SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
12. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
13. ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.

14. ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL BE AIR-ENTRAINED AND SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS. ALL CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318 CODE REQUIREMENTS.
15. ALL STRUCTURAL STEEL WORK SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS. ALL STRUCTURAL STEEL SHALL BE ASTM A36 (Fy = 36 ksi) UNLESS OTHERWISE NOTED. PIPES SHALL BE ASTM A53 TYPE E (Fy = 36 ksi). ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED. TOUCH UP ALL SCRATCHES AND OTHER MARKS IN THE FIELD AFTER STEEL IS ERECTED USING A COMPATIBLE ZINC RICH PAINT.
16. CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS AND "GENERAL CONSTRUCTION SERVICES FOR CONSTRUCTION OF AT&T SITES."
17. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
18. THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK SHOULD BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT.
19. SINCE THE CELL SITE IS ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE ADVISED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.
20. **APPLICABLE BUILDING CODES:**  
 SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

**BUILDING CODE: IBC 2021 WITH 2022 CT STATE BUILDING CODE AMENDMENTS  
 ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE (NFPA 70-2020)**

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

**AMERICAN CONCRETE INSTITUTE (ACI) 318; BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE;**

**AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION, ASD, FOURTEENTH EDITION;**

**TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-H, STRUCTURAL STANDARDS FOR STEEL**

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

**ABBREVIATIONS**

AGL	ABOVE GRADE LEVEL	EQ	EQUAL	REQ	REQUIRED
AWG	AMERICAN WIRE GAUGE	GC	GENERAL CONTRACTOR	RF	RADIO FREQUENCY
BBU	BATTERY BACKUP UNIT	GRC	GALVANIZED RIGID CONDUIT	TBD	TO BE DETERMINED
BTCW	BARE TINNED SOLID COPPER WIRE	MGB	MASTER GROUND BAR	TBR	TO BE REMOVED
BGR	BURIED GROUND RING	MIN	MINIMUM	TBRR	TO BE REMOVED AND REPLACED
BTS	BASE TRANSCEIVER STATION	P	PROPOSED	TYP	TYPICAL
E	EXISTING	NTS	NOT TO SCALE	UG	UNDER GROUND
EGB	EQUIPMENT GROUND BAR	CL	CENTER LINE	VIF	VERIFY IN FIELD
EGR	EQUIPMENT GROUND RING	REF	REFERENCE		



750 WEST CENTER STREET, SUITE #301  
 WEST BRIDGEWATER, MA 02379

**SITE NUMBER: CTL02873  
 SITE NAME: DANBURY GREAT PASTURE ROAD**

15 GREAT PASTURE ROAD  
 DANBURY, CT 06810  
 FAIRFIELD COUNTY

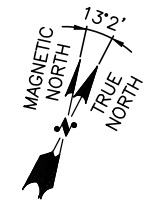
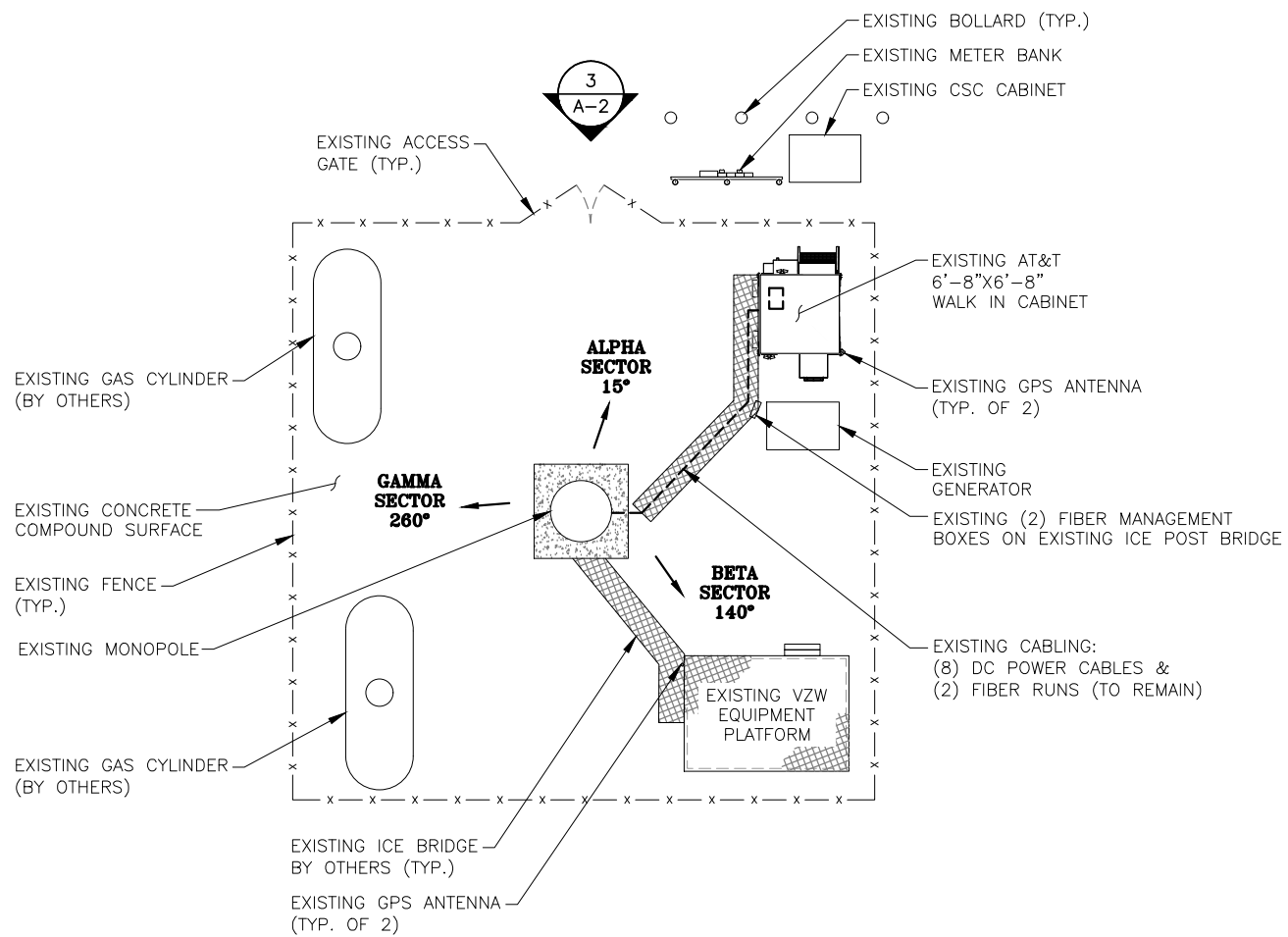


550 COCHITUATE ROAD  
 FRAMINGHAM, MA 01701

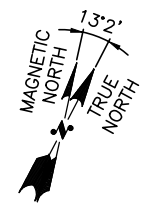
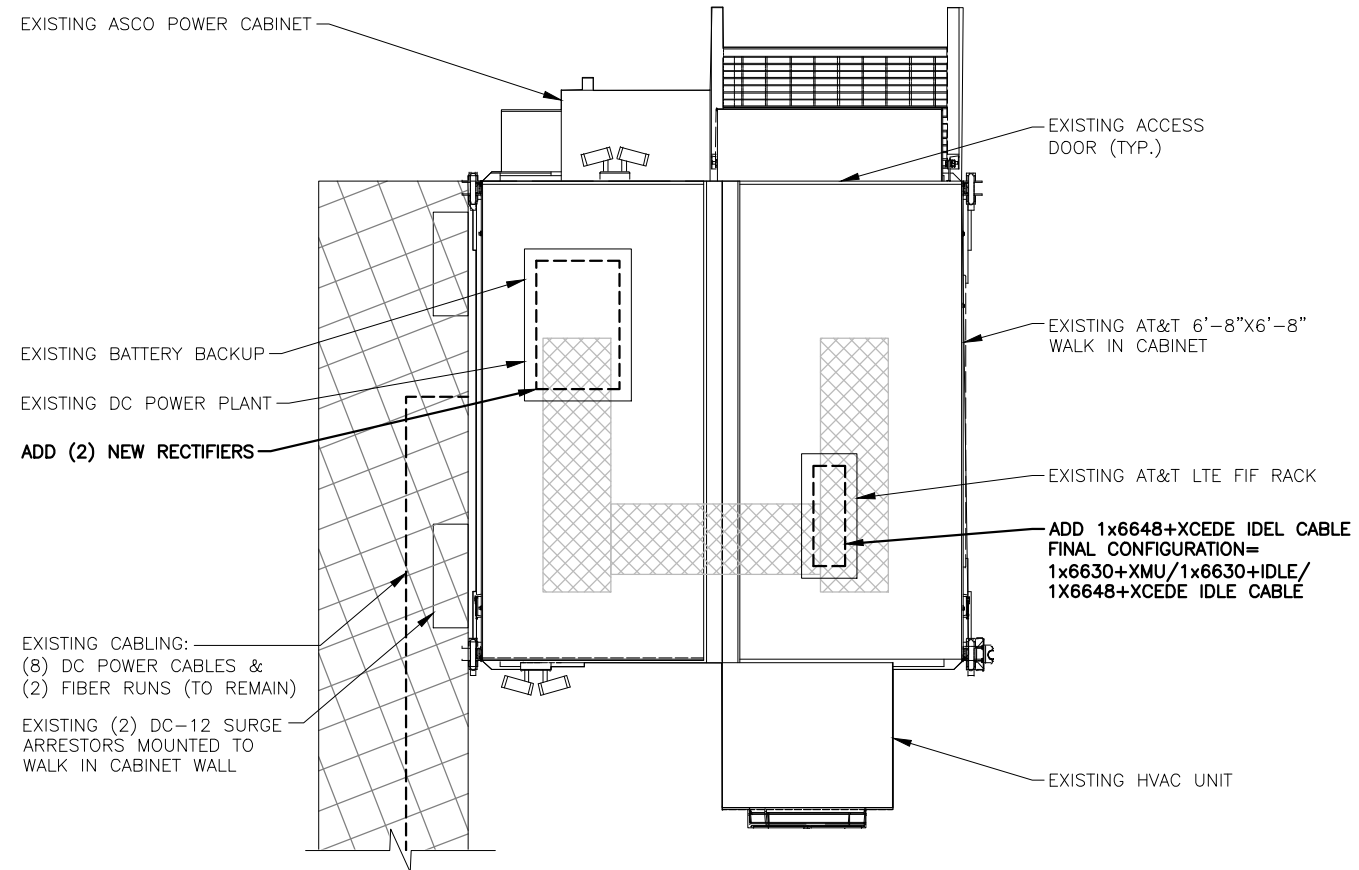
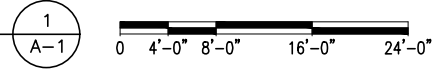
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**NOTE:**  
REFER TO THE FINAL-APPROVED RF DATA SHEET V4.0 DATED 2/22/23 FOR FINAL ANTENNA SETTINGS.

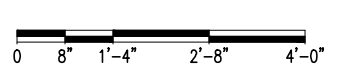
**NOTE:**  
AN ANALYSIS FOR THE CAPACITY OF THE EXISTING STRUCTURES TO SUPPORT THE PROPOSED EQUIPMENT SHALL BE DETERMINED PRIOR TO CONSTRUCTION.



**COMPOUND PLAN**  
22x34 SCALE: 1/8"=1'-0"  
11x17 SCALE: 1/16"=1'-0"



**EQUIPMENT PLAN**  
22x34 SCALE: 3/4"=1'-0"  
11x17 SCALE: 3/8"=1'-0"

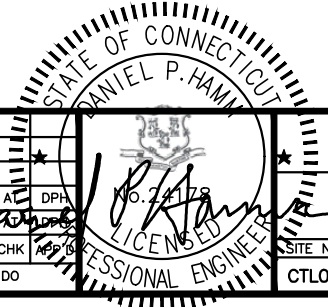


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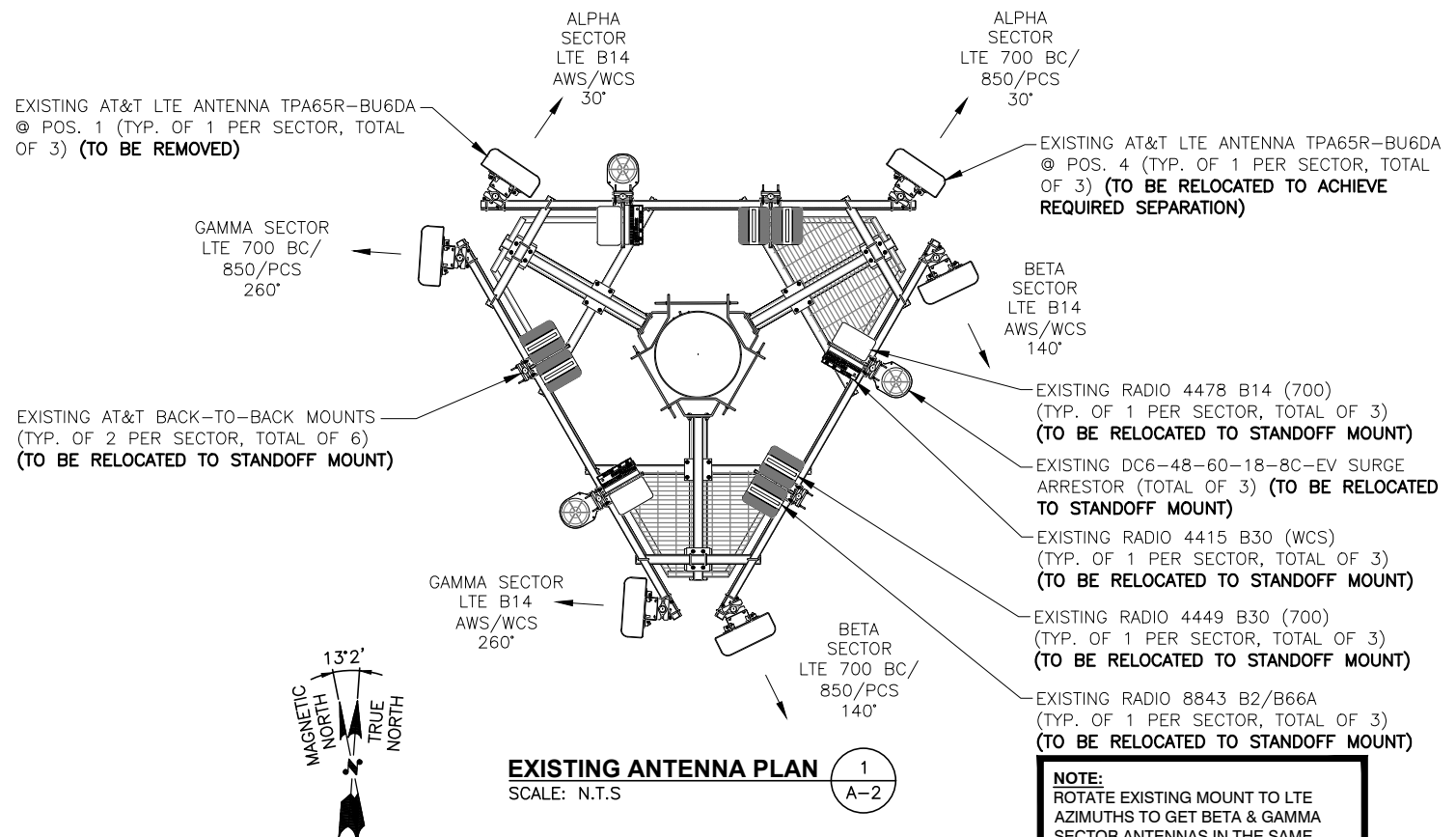


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A	01/17/23	ISSUED FOR REVIEW	AT	DPA	

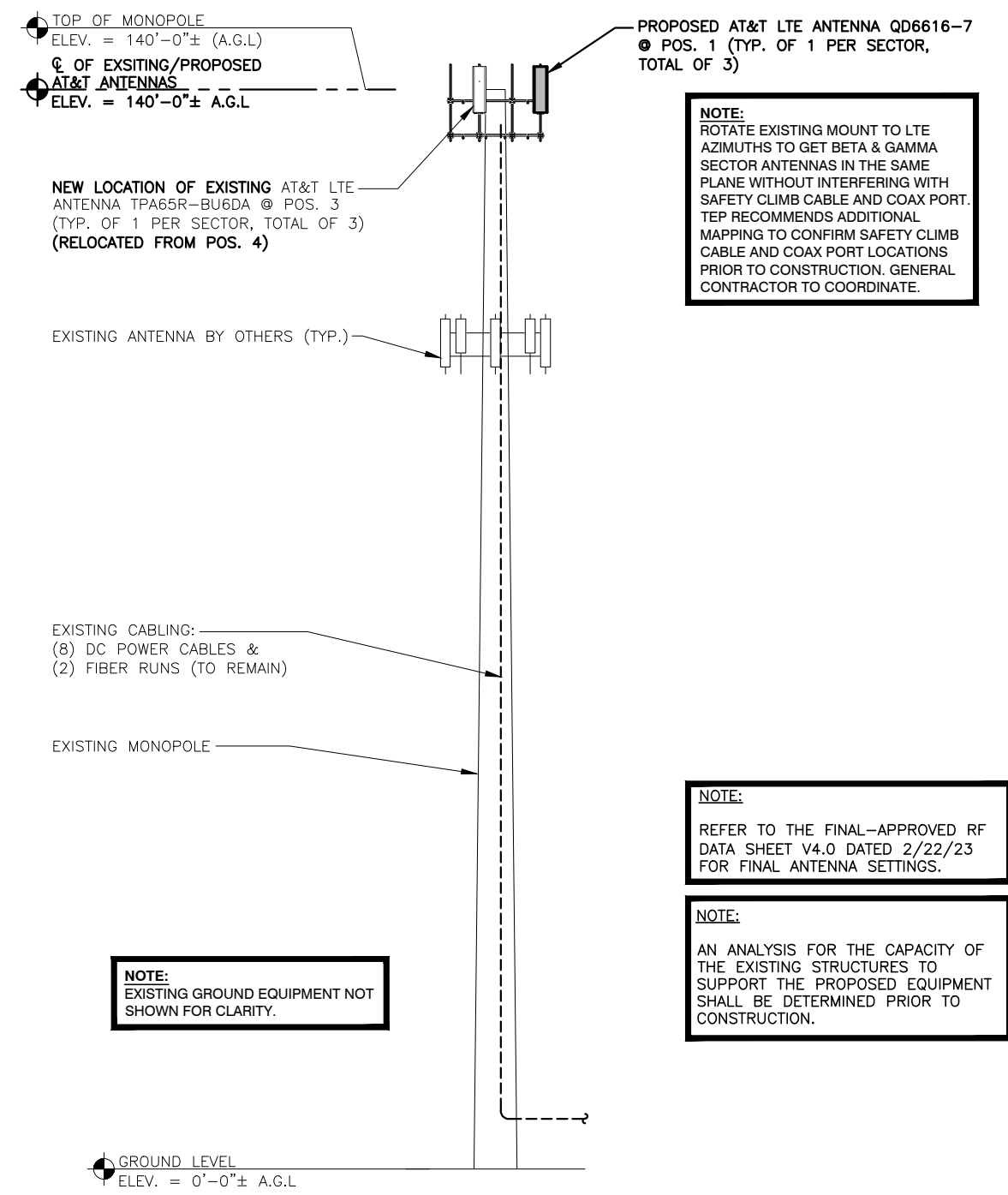
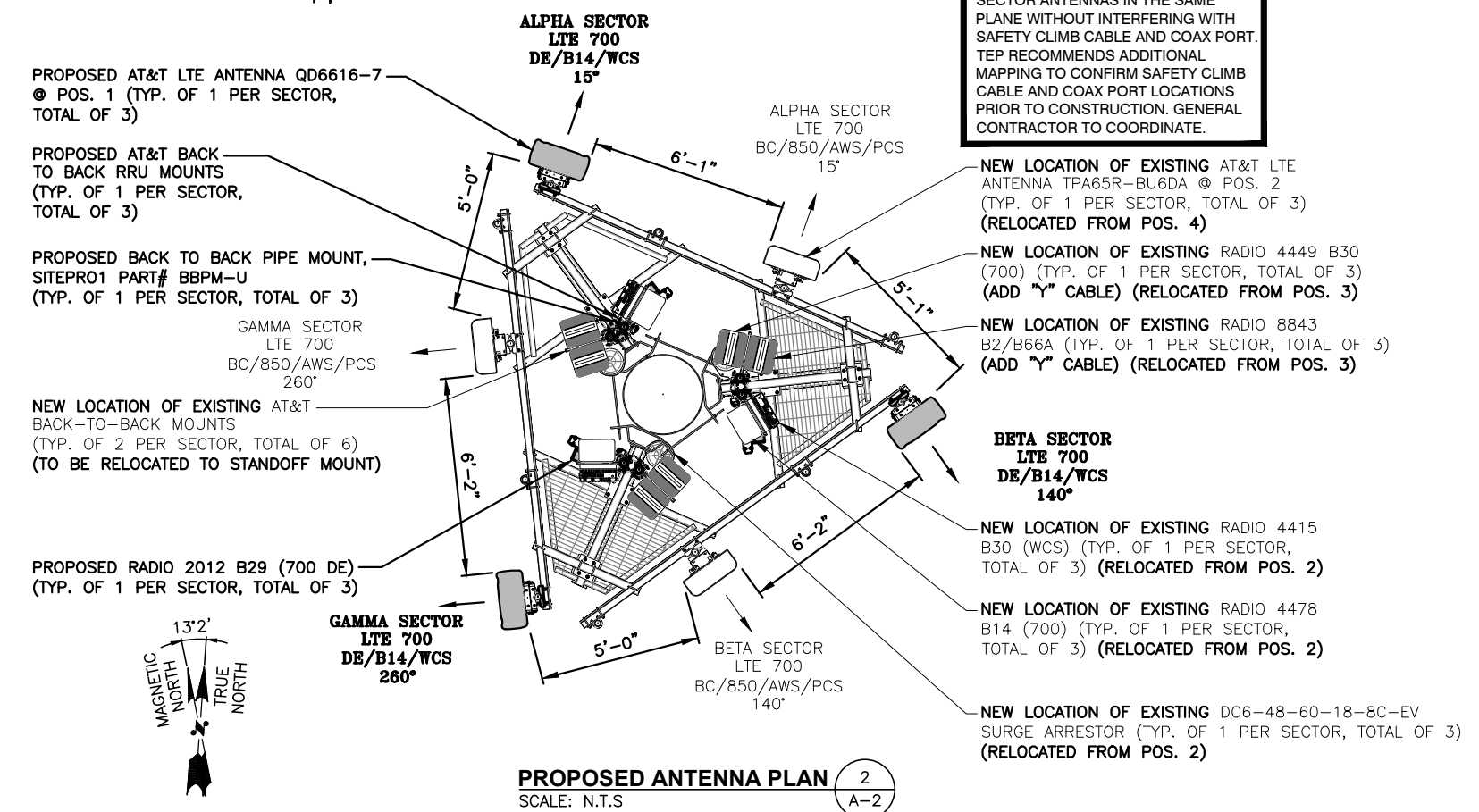
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AT&T		
COMPOUND & EQUIPMENT PLANS		
LTE-6C		
SITE NUMBER	DRAWING NUMBER	REV
CTL02873	A-1	B



**NOTE:**  
 ROTATE EXISTING MOUNT TO LTE AZIMUTHS TO GET BETA & GAMMA SECTOR ANTENNAS IN THE SAME PLANE WITHOUT INTERFERING WITH SAFETY CLIMB CABLE AND COAX PORT. TEP RECOMMENDS ADDITIONAL MAPPING TO CONFIRM SAFETY CLIMB CABLE AND COAX PORT LOCATIONS PRIOR TO CONSTRUCTION. GENERAL CONTRACTOR TO COORDINATE.



**NOTE:**  
 ROTATE EXISTING MOUNT TO LTE AZIMUTHS TO GET BETA & GAMMA SECTOR ANTENNAS IN THE SAME PLANE WITHOUT INTERFERING WITH SAFETY CLIMB CABLE AND COAX PORT. TEP RECOMMENDS ADDITIONAL MAPPING TO CONFIRM SAFETY CLIMB CABLE AND COAX PORT LOCATIONS PRIOR TO CONSTRUCTION. GENERAL CONTRACTOR TO COORDINATE.

**NOTE:**  
 REFER TO THE FINAL-APPROVED RF DATA SHEET V4.0 DATED 2/22/23 FOR FINAL ANTENNA SETTINGS.

**NOTE:**  
 AN ANALYSIS FOR THE CAPACITY OF THE EXISTING STRUCTURES TO SUPPORT THE PROPOSED EQUIPMENT SHALL BE DETERMINED PRIOR TO CONSTRUCTION.

**NOTE:**  
 EXISTING GROUND EQUIPMENT NOT SHOWN FOR CLARITY.

**ELEVATION**  
 22x34 SCALE: 3/32"=1'-0"  
 11x17 SCALE: 3/64"=1'-0"

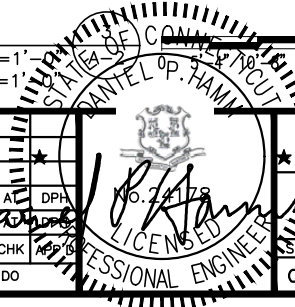


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A	01/17/23	ISSUED FOR REVIEW	DO	AT	DPA

SCALE: AS SHOWN    DESIGNED BY: AT    DRAWN BY: DO



AT&T		
ANTENNA LAYOUT PLANS & ELEVATION		
LTE-6C		
SITE NUMBER	DRAWING NUMBER	REV
CTL02873	A-2	B



**ANTENNA SCHEDULE**

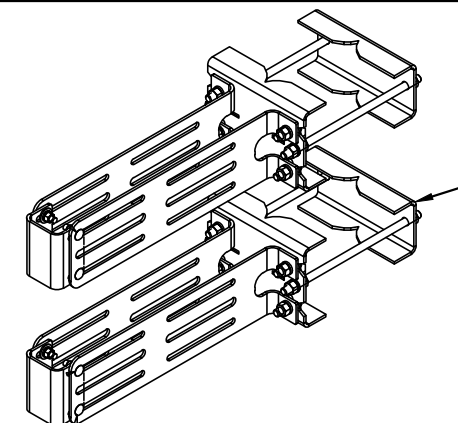
SECTOR	EXISTING/ PROPOSED	BAND	ANTENNA	SIZE (INCHES) (L x W x D)	ANTENNA CL HEIGHT	AZIMUTH	TMA/ DIPLEXER	RRU	SIZE (INCHES) (L x W x D)	FEEDER	RAYCAP
A1	PROPOSED	LTE 700 DE/B14/WCS	QD6616-7	72"X22"X9.6"	140'-0"±	15°	-	(E)(1)RRUS-4478 B14 (B14) (E)(1)RRUS-4415 B30 (WCS) (P)(1) RRUS-2012 B29 (700 D/E)	-	-	(E)(1) RAYCAP DC6-48-60-18-8C-EV
A2	EXISTING	LTE 700 BC/850/AWS/PCS	TPA65R-BU6DA	71.2X21X7.8	140'-0"±	15°	-	(E)(1)RRUS-4449 B5/B12 (700 B/C 850) (E)(1)RRUS-8843 B2/B66A (AWS/PCS)	-	(E)(2) DC POWER (1) FIBER (P)(2)(Y-CABLE)	(E)(1) RAYCAP DC6-48-60-18-8C-EV
A3	-	-	-	-	-	-	-	-	-	-	-
A4	-	-	-	-	-	-	-	-	-	-	-
B1	PROPOSED	LTE 700 DE/B14/WCS	QD6616-7	72"X22"X9.6"	140'-0"±	140°	-	(E)(1)RRUS-4478 B14 (B14) (E)(1)RRUS-4415 B30 (WCS) (P)(1) RRUS-2012 B29 (700 D/E)	-	-	(E)(1) RAYCAP DC6-48-60-18-8C-EV
B2	EXISTING	LTE 700 BC/850/AWS/PCS	TPA65R-BU6DA	71.2X21X7.8	140'-0"±	140°	-	(E)(1)RRUS-4449 B5/B12 (700 B/C 850) (E)(1)RRUS-8843 B2/B66A (AWS/PCS)	-	(E)(2) DC POWER (1) FIBER (P)(2)(Y-CABLE)	(E)(1) RAYCAP DC6-48-60-18-8C-EV
B3	-	-	-	-	-	-	-	-	-	-	-
B4	-	-	-	-	-	-	-	-	-	-	-
C1	PROPOSED	LTE 700 DE/B14/WCS	QD6616-7	72"X22"X9.6"	140'-0"±	260°	-	(E)(1)RRUS-4478 B14 (B14) (E)(1)RRUS-4415 B30 (WCS) (P)(1) RRUS-2012 B29 (700 D/E)	-	-	(E)(1) RAYCAP DC6-48-60-18-8C-EV
C2	EXISTING	LTE 700 BC/850/AWS/PCS	TPA65R-BU6DA	71.2X21X7.8	140'-0"±	260°	-	(E)(1)RRUS-4449 B5/B12 (700 B/C 850) (E)(1)RRUS-8843 B2/B66A (AWS/PCS)	-	(E)(2) DC POWER (P)(2)(Y-CABLE)	(E)(1) RAYCAP DC6-48-60-18-8C-EV
C3	-	-	-	-	-	-	-	-	-	-	-
C4	-	-	-	-	-	-	-	-	-	-	-

RRU CHART		
QUANTITY	MODEL	SIZE (L x W x D)
E(3)	4478 B14 (700)	18.1"x13.4"x8.3"
E(3)	4415 B30 (WCS)	16.5"x13.4"x5.9"
P(3)	2012 B29 (700)	18.1"x13.4"x8.3"
E(3)	8843 B2/B66A	14.9"x13.2"x10.9"
E(3)	4449 B30 (700)	17.9"x13.2"x10.4"

**NOTE:**  
MOUNT PER MANUFACTURER'S SPECIFICATIONS

**NOTE:**  
REFER TO THE FINAL-APPROVED RF DATA SHEET V4.0 DATED 2/22/23 FOR FINAL ANTENNA SETTINGS.

**NOTE:**  
AN ANALYSIS FOR THE CAPACITY OF THE EXISTING STRUCTURES TO SUPPORT THE PROPOSED EQUIPMENT SHALL BE DETERMINED PRIOR TO CONSTRUCTION.



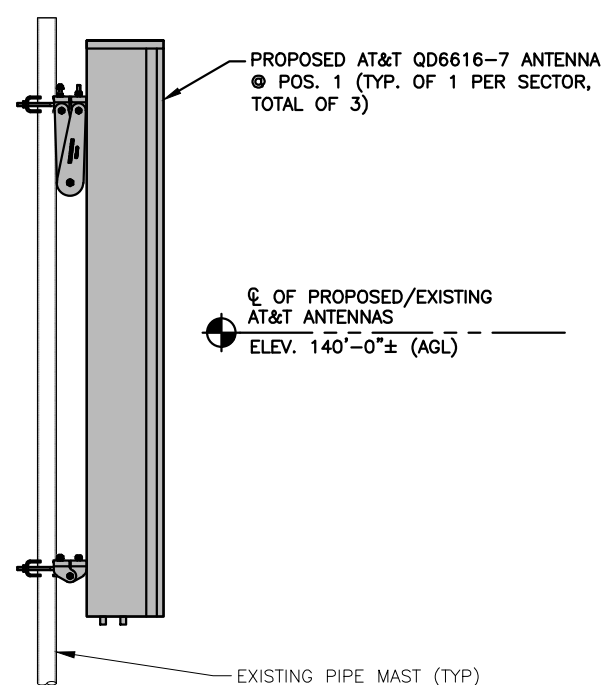
PROPOSED DUAL RRU MOUNT, COMMSCOPE PART #RR-FA2 (TOTAL OF 3)

**PROPOSED BACK TO BACK MOUNT COMMSCOPE (RR-FA2)**  
SCALE: N.T.S.

**FINAL ANTENNA SCHEDULE**

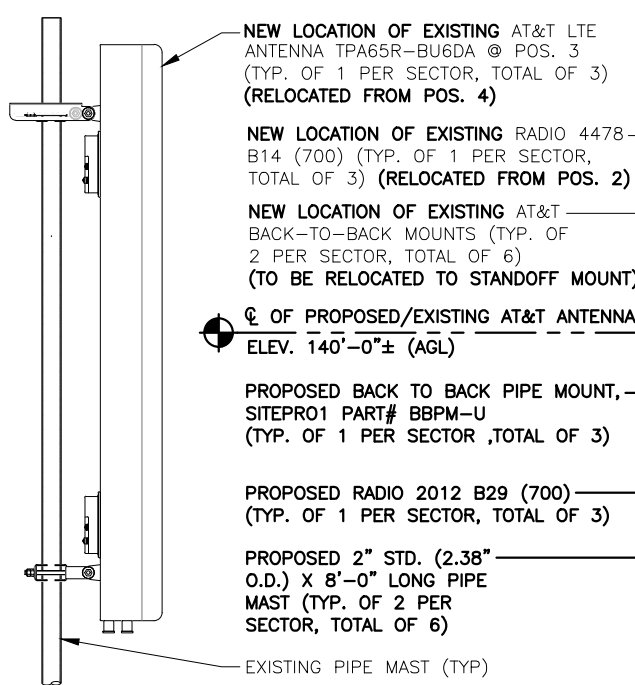
SCALE: N.T.S.

1  
A-3



PROPOSED AT&T QD6616-7 ANTENNA @ POS. 1 (TYP. OF 1 PER SECTOR, TOTAL OF 3)

CL OF PROPOSED/EXISTING AT&T ANTENNAS  
ELEV. 140'-0"± (AGL)



NEW LOCATION OF EXISTING AT&T LTE ANTENNA TPA65R-BU6DA @ POS. 3 (TYP. OF 1 PER SECTOR, TOTAL OF 3) (RELOCATED FROM POS. 4)

NEW LOCATION OF EXISTING RADIO 4478 B14 (700) (TYP. OF 1 PER SECTOR, TOTAL OF 3) (RELOCATED FROM POS. 2)

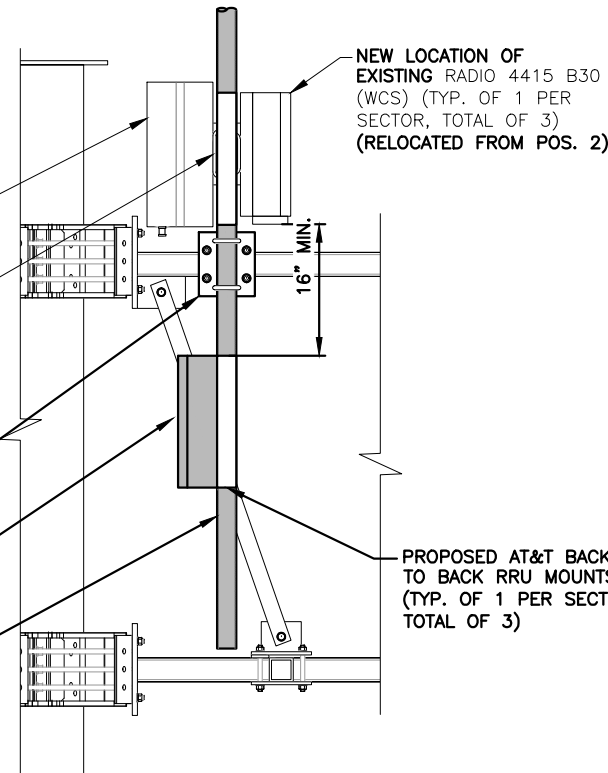
NEW LOCATION OF EXISTING AT&T BACK-TO-BACK MOUNTS (TYP. OF 2 PER SECTOR, TOTAL OF 6) (TO BE RELOCATED TO STANDOFF MOUNT)

CL OF PROPOSED/EXISTING AT&T ANTENNAS  
ELEV. 140'-0"± (AGL)

PROPOSED BACK TO BACK PIPE MOUNT, SITEPRO1 PART# BBPM-U (TYP. OF 1 PER SECTOR, TOTAL OF 3)

PROPOSED RADIO 2012 B29 (700) (TYP. OF 1 PER SECTOR, TOTAL OF 3)

PROPOSED 2" STD. (2.38" O.D.) X 8'-0" LONG PIPE MAST (TYP. OF 2 PER SECTOR, TOTAL OF 6)

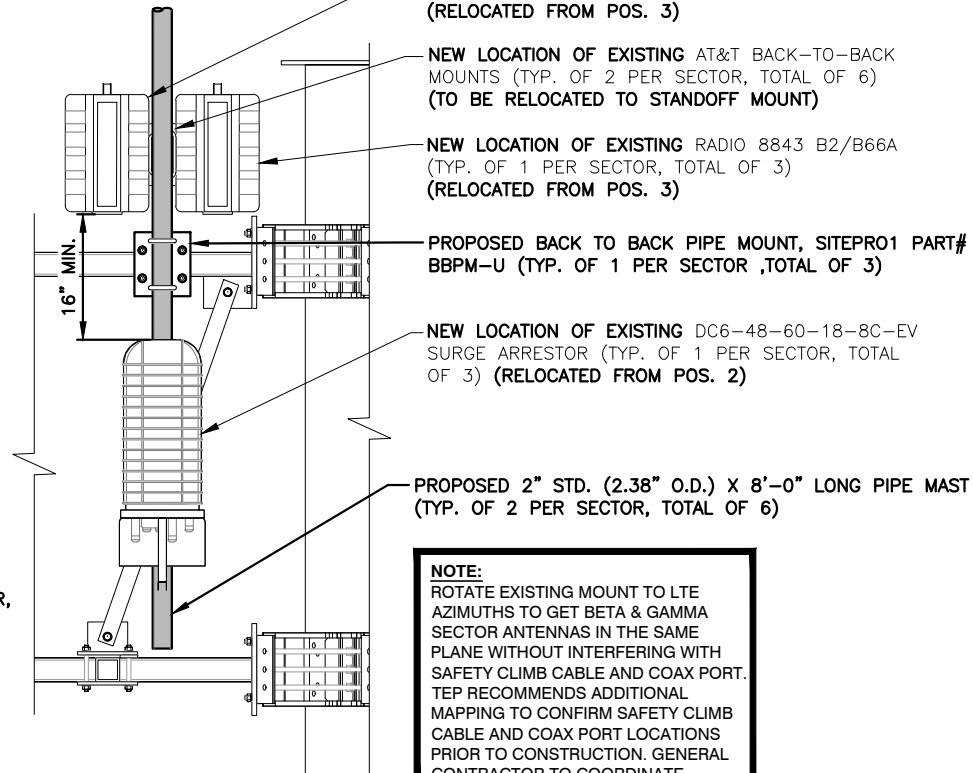


NEW LOCATION OF EXISTING RADIO 4415 B30 (WCS) (TYP. OF 1 PER SECTOR, TOTAL OF 3) (RELOCATED FROM POS. 2)

PROPOSED AT&T BACK TO BACK RRU MOUNTS (TYP. OF 1 PER SECTOR, TOTAL OF 3)

**PROPOSED RADIO MOUNT @ HANDRAIL STANDOFF**

22x34 SCALE: 1"=1'-0"  
11x17 SCALE: 1/2"=1'-0"



NEW LOCATION OF EXISTING RADIO 4449 30 (700) (TYP. OF 1 PER SECTOR, TOTAL OF 3) (RELOCATED FROM POS. 3)

NEW LOCATION OF EXISTING AT&T BACK-TO-BACK MOUNTS (TYP. OF 2 PER SECTOR, TOTAL OF 6) (TO BE RELOCATED TO STANDOFF MOUNT)

NEW LOCATION OF EXISTING RADIO 8843 B2/B66A (TYP. OF 1 PER SECTOR, TOTAL OF 3) (RELOCATED FROM POS. 3)

PROPOSED BACK TO BACK PIPE MOUNT, SITEPRO1 PART# BBPM-U (TYP. OF 1 PER SECTOR, TOTAL OF 3)

NEW LOCATION OF EXISTING DC6-48-60-18-8C-EV SURGE ARRESTER (TYP. OF 1 PER SECTOR, TOTAL OF 3) (RELOCATED FROM POS. 2)

PROPOSED 2" STD. (2.38" O.D.) X 8'-0" LONG PIPE MAST (TYP. OF 2 PER SECTOR, TOTAL OF 6)

**NOTE:**  
ROTATE EXISTING MOUNT TO LTE AZIMUTHS TO GET BETA & GAMMA SECTOR ANTENNAS IN THE SAME PLANE WITHOUT INTERFERING WITH SAFETY CLIMB CABLE AND COAX PORT. TEP RECOMMENDS ADDITIONAL MAPPING TO CONFIRM SAFETY CLIMB CABLE AND COAX PORT LOCATIONS PRIOR TO CONSTRUCTION. GENERAL CONTRACTOR TO COORDINATE.

**PROPOSED RADIO MOUNT @ HANDRAIL STANDOFF**

22x34 SCALE: 1"=1'-0"  
11x17 SCALE: 1/2"=1'-0"

**TEP**  
NORTHEAST  
45 BEECHWOOD DRIVE, NORTH ANDOVER, MA 01845  
TEL: (978) 557-5553

**CENTERLINE**  
COMMUNICATIONS  
750 WEST CENTER STREET, SUITE #301  
WEST BRIDGEWATER, MA 02379

SITE NUMBER: CTL02873  
SITE NAME: DANBURY GREAT PASTURE ROAD  
15 GREAT PASTURE ROAD  
DANBURY, CT 06810  
FAIRFIELD COUNTY

**at&t**  
550 COCHITUATE ROAD  
FRAMINGHAM, MA 01701

Professional Engineer Seal: STATE OF CONNECTICUT, DANIEL P. BIANCHI, LICENSED PROFESSIONAL ENGINEER, No. 24179

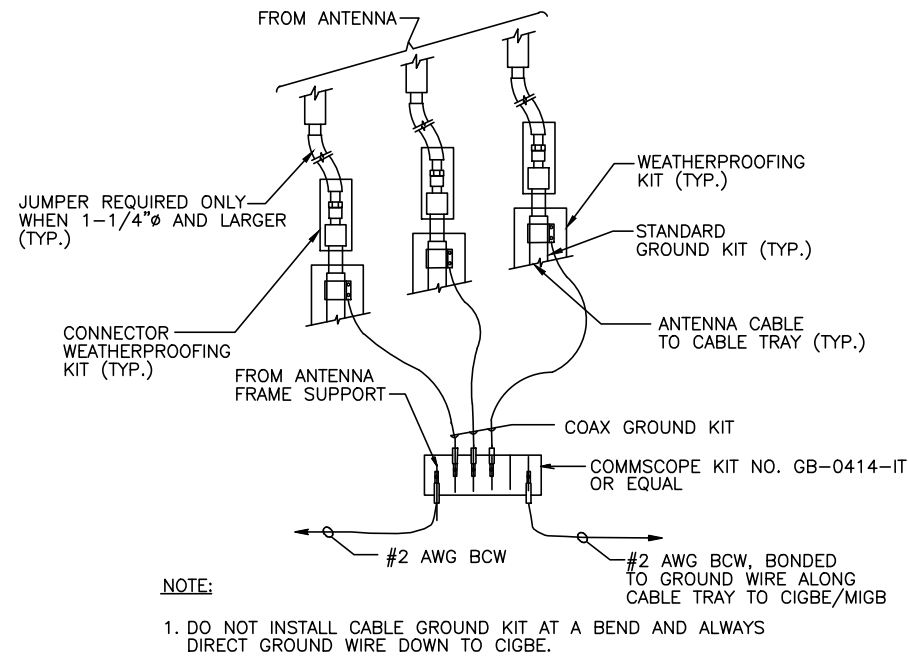
B	03/09/23	ISSUED FOR PERMITTING	BY: [Signature]	CHK: [Signature]	DPA: [Signature]
A	01/17/23	ISSUED FOR REVIEW	BY: [Signature]	CHK: [Signature]	DPA: [Signature]

SCALE: AS SHOWN | DESIGNED BY: AT | DRAWN BY: DO

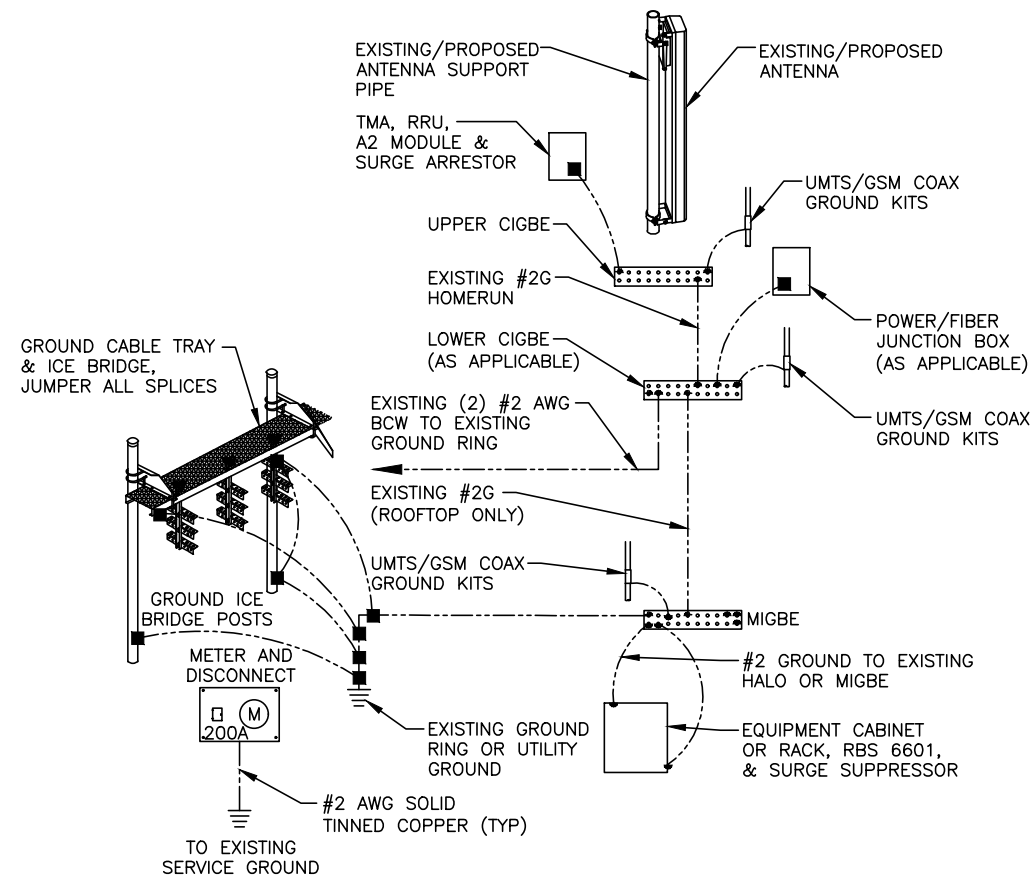
AT&T  
DETAILS  
LTE-6C

SITE NUMBER	DRAWING NUMBER	REV
CTL02873	A-3	B

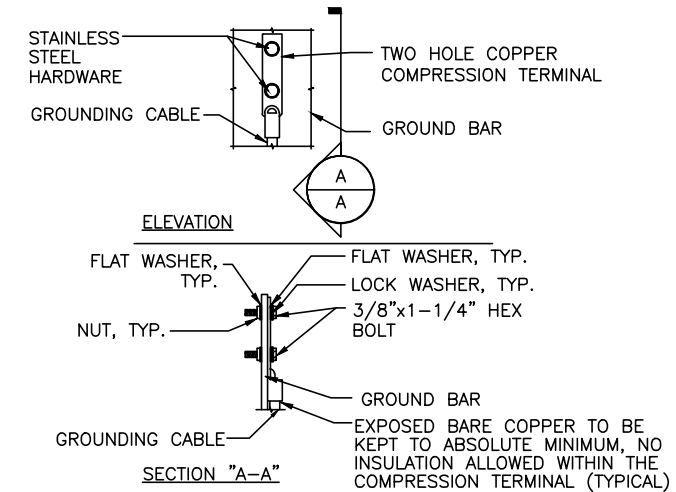




**GROUND WIRE TO GROUND BAR CONNECTION DETAIL** 1  
SCALE: N.T.S. G-1



**GROUNDING RISER DIAGRAM** 2  
SCALE: N.T.S. G-1



- NOTES:
- "DOUBLING UP" OR "STACKING" OF CONNECTION IS NOT PERMITTED.
  - OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATION.
  - CADWELD DOWNLEADS FROM UPPER EGB, LOWER EGB, AND MGB

**TYPICAL GROUND BAR CONNECTION DETAIL** 3  
SCALE: N.T.S. G-1

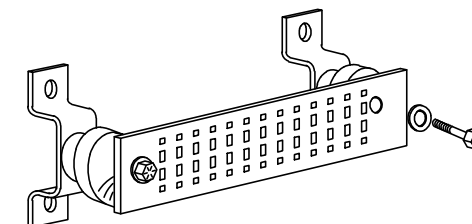
EACH GROUND CONDUCTOR TERMINATING ON ANY GROUND BAR SHALL HAVE AN IDENTIFICATION TAG ATTACHED AT EACH END THAT WILL IDENTIFY ITS ORIGIN AND DESTINATION.

**SECTION "P" - SURGE PRODUCERS**

- CABLE ENTRY PORTS (HATCH PLATES) (#2 AWG)
- GENERATOR FRAMEWORK (IF AVAILABLE) (#2 AWG)
- TELCO GROUND BAR
- COMMERCIAL POWER COMMON NEUTRAL/GROUND BOND (#2 AWG)
- +24V POWER SUPPLY RETURN BAR (#2 AWG)
- 48V POWER SUPPLY RETURN BAR (#2 AWG)
- RECTIFIER FRAMES.

**SECTION "A" - SURGE ABSORBERS**

- INTERIOR GROUND RING (#2 AWG)
- EXTERNAL EARTH GROUND FIELD (BURIED GROUND RING) (#2 AWG)
- METALLIC COLD WATER PIPE (IF AVAILABLE) (#2 AWG)
- BUILDING STEEL (IF AVAILABLE) (#2 AWG)



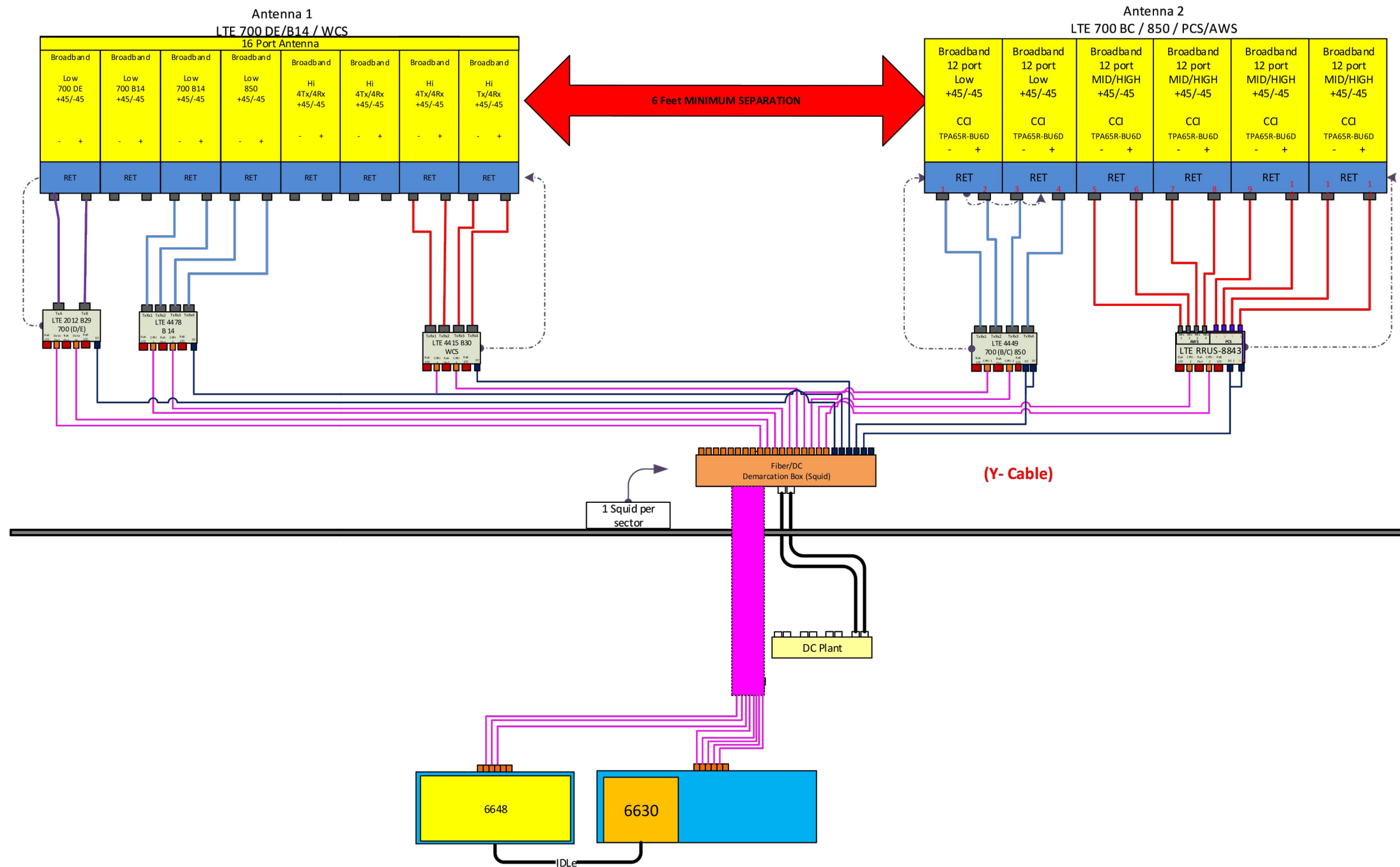
**GROUND BAR - DETAIL (AS REQUIRED)**  
SCALE: N.T.S.



**SITE NUMBER: CTL02873**  
**SITE NAME: DANBURY GREAT PASTURE ROAD**  
  
15 GREAT PASTURE ROAD  
DANBURY, CT 06810  
FAIRFIELD COUNTY



				STATE OF CONNECTICUT DANIEL P. HANCOCK LICENSED PROFESSIONAL ENGINEER		AT&T	
				No. 24178		GROUNDING DETAILS LTE-6C	
B	03/09/23	ISSUED FOR PERMITTING	AT	DPA		SITE NUMBER	DRAWING NUMBER
A	01/17/23	ISSUED FOR REVIEW	AT	DPA		CTL02873	G-1
NO.		DATE		REVISIONS		BY	
SCALE: AS SHOWN		DESIGNED BY: AT		DRAWN BY: DO			



**NOTE:**  
1. CONTRACTOR TO CONFIRM ALL PARTS.  
2. INSTALL ALL EQUIPMENT TO MANUFACTURER'S RECOMMENDATIONS

**NOTE:**  
REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.

**RF PLUMBING DIAGRAM** 1  
SCALE: N.T.S. RF-1



**SITE NUMBER: CTL02873**  
**SITE NAME: DANBURY GREAT PASTURE ROAD**  
  
15 GREAT PASTURE ROAD  
DANBURY, CT 06810  
FAIRFIELD COUNTY

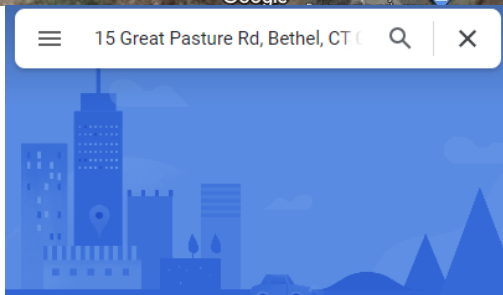
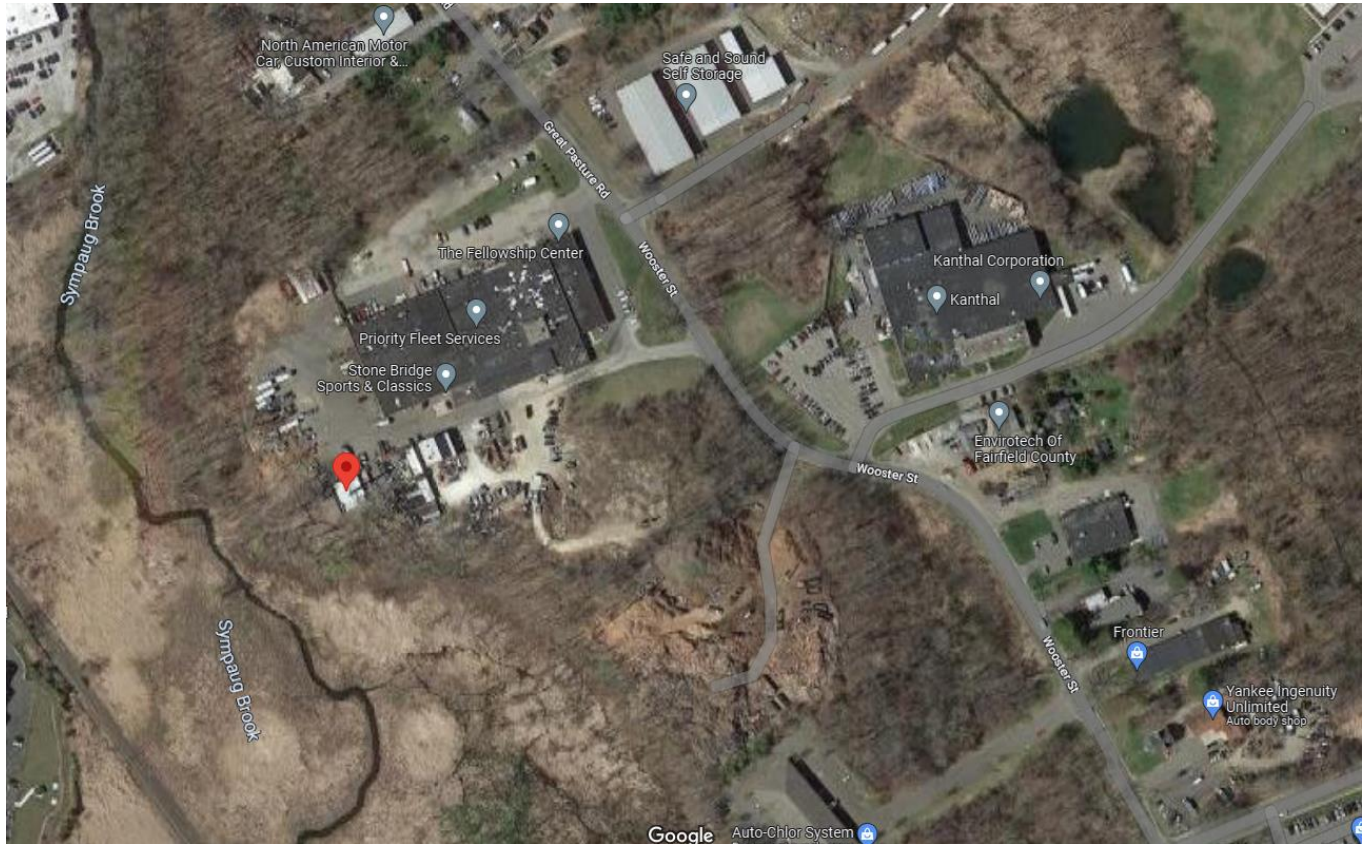


B	03/09/23	ISSUED FOR PERMITTING	SG	AT	DPH
A	01/17/23	ISSUED FOR REVIEW	DO	AT	DPH
NO.	DATE	REVISIONS	BY	CHK	APP'D
SCALE: AS SHOWN			DESIGNED BY: AT	DRAWN BY: DO	

AT&T		
RF PLUMBING DIAGRAM LTE-6C		
SITE NUMBER	DRAWING NUMBER	REV
CTL02873	RF-1	B

# EXHIBIT 2





**15 Great Pasture Rd**  
Building

- Directions
- Save
- Nearby
- Send to phone
- Share

📍 15 Great Pasture Rd, Bethel, CT 06801

The Assessor's office is responsible for the maintenance of records on the ownership of properties. Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2022.

# DANBURY • CT

## ASSESSOR'S OFFICE

Information on the Property Records for the Municipality of Danbury was last updated on 3/13/2023.



### Parcel Information

Location:	15 GREAT PASTURE RD	Property Use:	Industrial	Primary Use:	Light Industrial
Unique ID:	L16005	Map Block Lot:	L16 5	Acres:	12.6300
490 Acres:	0.00	Zone:	IL-40	Volume / Page:	2028/1121
Developers Map / Lot:		Census:	2104		

### Value Information

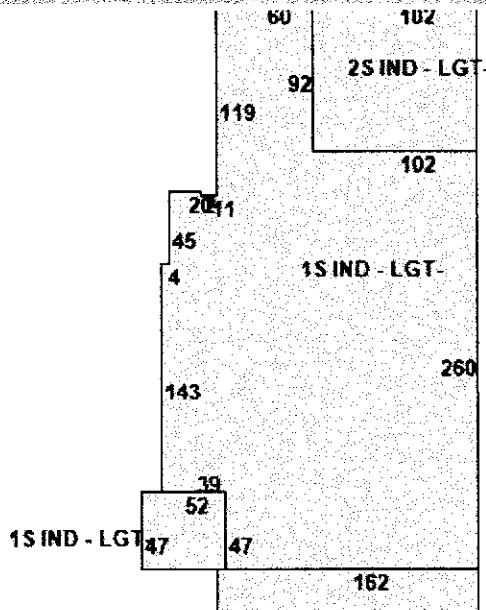
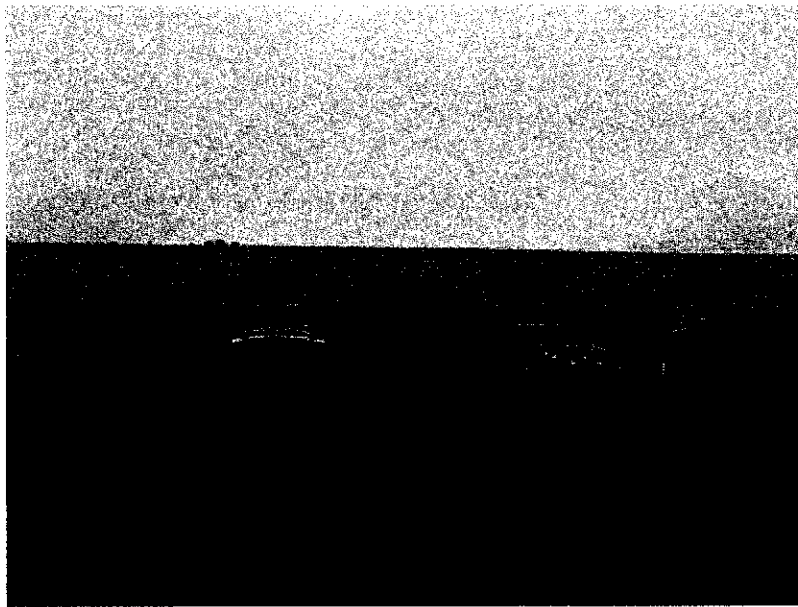
	Appraised Value	Assessed Value
Land	1,952,200	1,366,540
Buildings	2,715,800	1,901,060
Detached Outbuildings	70,000	49,000
<b>Total</b>	<b>4,738,000</b>	<b>3,316,600</b>

# Owner's Information

## Owner's Data

EPPOLITI INDUSTRIAL REALTY INC  
37 DANBURY RD STE 203  
RIDGEFIELD, CT 06877

## Building 1



Category:	Industrial	Use:	Light Industrial	GLA:	83,734
Stories:	1.00	Construction:	Masonry	Year Built:	1958



Heating:	Forced Hot Air	Fuel:	Natural Gas	Cooling Percent:	10
Siding:	Concr/Cinder/Brick	Roof Material:	Tar and Gravel	Beds/Units:	0

### Special Features

Dock Leveler	4
Wet Sprinklers	72585

### Attached Components

### Building 2



Owner Name	Volume	Page	Sale Date	Deed Type	Sale Price
K & E REALTY INC	0858	0281	09/18/1987		\$0

### Building Permits

Permit Number	Permit Type	Date Opened	Reason
21-1922	Miscellaneous	07/20/2021	Verizon Wireless antenna modification to existing cell tower installation. See submitted plans.
21-1273	Miscellaneous	06/15/2021	AT&T proposes the installation of a 20 monopole tower extension to the top of the existing +/- 120
56795	Commercial	06/30/2015	CHANGE OF USE / INSTALL LIFTS
56093	Building	01/07/2015	FGR DOOR BIGGER
53769	Remodel	08/20/2013	REMODEL BATH & REMOVE WALL
29946	Commercial	06/14/2000	CONVERT TO OFFICES

Information Published With Permission From The Assessor

# EXHIBIT 3





**Tower Engineering Solutions**

Phone (972) 483-0607, Fax (972) 975-9615  
1320 Greenway Drive, Suite 600, Irving, Texas 75038

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## Structural Analysis Report

**Existing 139 ft SABRE Monopole**

**Customer Name: KGI Wireless, Inc.**

**Customer Site Number: 28493**

**Customer Site Name: Bethel West 2**

**Carrier Name: AT&T**

**Carrier Site ID / Name: Bethel/CT2873/S2873/FA 12684101/KGI:28493**

**Site Location: 15 Great Pasture Rd**

**Danbury, Connecticut**

**Fairfield County**

**Latitude: 41.383000**

**Longitude: -73.422200**

### Analysis Result:

**Max Structural Usage: 64.1% [Pass]**

**Max Foundation Usage: 50.0% [Pass]**

**Report Prepared By: Zobair Ahmed**





**Tower Engineering Solutions**

Phone (972) 483-0607, Fax (972) 975-9615  
1320 Greenway Drive, Suite 600, Irving, Texas 75038

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**Existing 139 ft SABRE Monopole**

**Customer Name: KGI Wireless, Inc.**

**Customer Site Number: 28493**

**Customer Site Name: Bethel West 2**

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**Fairfield County**

**Latitude: 41.383000**

**Longitude: -73.422200**

### **Analysis Result:**

**Max Structural Usage: 64.1% [Pass]**

**Max Foundation Usage: 50.0% [Pass]**

**Report Prepared By: Zobair Ahmed**

## Introduction

The purpose of this report is to summarize the analysis results on the 139 ft SABRE Monopole to support the proposed antennas and transmission lines in addition to those currently installed. Any modification listed under Sources of Information was assumed completed and was included in this analysis.

## Sources of Information

<b>Tower Drawings</b>	Sabre Industries, Job# 146229, dated: 7/18/2016 Sabre Industries, Job# 16-7133-SCB, dated: 07/13/2016
<b>Foundation Drawing</b>	Centek Engineering, Job# 14216.000, dated: 07/28/2016
<b>Geotechnical Report</b>	Design Earth Technology, Job# 2015.13, dated: 02/2016
<b>Modification Drawings</b>	N/A
<b>Mount Analysis</b>	N/A

## Analysis Criteria

The comprehensive analysis was performed in accordance with the requirements and stipulations of the TIA-222-H. In accordance with this standard, the structure was analyzed using **TESPoles**, a proprietary analysis software. The program considers the structure as an elastic 3-D model with second-order effects and temperature effects incorporated in the analysis. The analysis was performed using multiple wind directions.

<b>Wind Speed Used in the Analysis:</b>	120.0 mph (3-Sec. Gust) (Ultimate wind speed)
<b>Wind Speed with Ice:</b>	50 mph (3-Sec. Gust) with 1" radial ice concurrent
<b>Service Load Wind Speed:</b>	60 mph + 0" Radial ice
<b>Standard/Codes:</b>	TIA-222-H / 2021 IBC / 2022 Connecticut State Building Code
<b>Exposure Category:</b>	C
<b>Risk Category:</b>	II
<b>Topographic Category:</b>	1
<b>Crest Height:</b>	0 ft
<b>Seismic Parameters:</b>	$S_S = 0.225$ , $S_1 = 0.056$

This structural analysis is based upon the tower being classified as a Risk Category II; however, if a different classification is required subsequent to the date hereof, the tower classification will be changed to meet such requirement and a new structural analysis will be run.



## Existing Antennas, Mounts and Transmission Lines

The table below summarizes the antennas, mounts and transmission lines that were considered in the analysis as existing on the tower.

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	140.0	9	TPA65R-BU6DA-K Panels	Platform w/ Handrail	(2) ½" Coax (6) 7/8" DC Cables (2) 3/8" Fiber Cables	AT&T
2		3	4449 B5/B12 RRU's			
3		3	4478 B14 RRU's			
4		3	4415 B30 RRU's			
5		3	8843 B2/B66A RRU's			
note		2	GPS			
8		3	DC6-48-60-18-8F Surges			
9		120.0	4			
10	2		NHH-45B-R2B Panels			
11	2		NHH-65B-R2B Panels			
12	3		Samsung MT6407-77A Panels			
13	1		Amphenol BXA-70080/8 Ft. Panels			
14	12		RRUS A2 Modules			
15	6		RRH 3JR52709AA 2X60 (AWS 60W)			
16	3		RRH 4X30-4T4R-B13 (700 60W)			
17	3		RRH 4X30-4T4R-BAND 25 (PCS 60W RRH)			
18	12		10"x7"x2" TMAs			
19	3	OVP Junction Boxes	(1) Commscope MC-PK8-DSH Snub Nose Platform w/ Rail	(3) 51.2mm Hybrid Cable	Dish	
20	110.0	3				MX08FRO665-21 Panel
21		3				TA08025-B604 RRU
22		3				TA08025-B605 RRU
23		1	RDIDC-9181-PF-48 OVP			

## Proposed Carrier's Final Configuration of Antennas, Mounts and Transmission Lines

Information pertaining to the proposed carrier's final configuration of antennas and transmission lines was provided by KGI Wireless, Inc.. The proposed antennas and lines are listed below.

Items	Elevation (ft)	Qty.	Antenna Descriptions	Mount Type & Qty.	Transmission Lines	Owner
1	140.0	3	TPA65R-BU6DA-K Panels - Panel	Platform w/ Handrail	(2) ½" Coax (6) 7/8" DC Cables (2) 3/8" Fiber Cables	AT&T
		3	Quintel QD6616-7 Panels			
2		3	4449 B5/B12 RRU's			
3		3	4478 B14 RRU's			
4		3	4415 B30 RRU's			
5		3	8843 B2/B66A RRU's			
		3	Ericsson 2012 B29 RRU's			
		2	GPS			
8		3	DC6-48-60-18-8F Surges			

See the attached coax layout for the line placement considered in the analysis.

## **Analysis Results**

The results of the structural analysis, performed for the wind and ice loading and antenna equipment as defined above, are summarized as the following:

	Pole shafts	Anchor Bolts	Base Plate
Max. Usage:	<b>64.1%</b>	<b>60.4%</b>	<b>62.1%</b>
Pass/Fail	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>

## **Foundations**

	Moment (Kip-Ft)	Shear (Kips)	Axial (Kips)
Analysis Reactions	3156.3	31.4	39.2

The foundation has been investigated using the supplied documents and soils report and was found adequate. Therefore, no modification to the foundation will be required.

## **Service Load Condition (Rigidity):**

Operational characteristics of the tower are found to be within the limits prescribed by TIA-222 for the installed antennas. The maximum twist/sway at the elevation of the proposed equipment is 0.8693 degrees under the operational wind speed as specified in the Analysis Criteria.

## **Conclusions**

Based on the analysis results, the existing structure and its foundation were found to be adequate to safely support the existing and proposed equipment and meet the minimum requirements per the TIA-222 Standard under the design basic wind speed as specified in the Analysis Criteria.

## Standard Conditions

1. This analysis was performed based on the information supplied to **(TES) Tower Engineering Solutions, LLC**. Verification of the information provided was not included in the Scope of Work for **TES**. The accuracy of the analysis is dependent on the accuracy of the information provided.
2. The structural analysis was performance based upon the evidence available at the time of this report. All information provided by the client is considered to be accurate.
3. The analyses will be performed based on the codes as specified by the client or based on the best knowledge of the engineering staff of **TES**. In the absence of information to the contrary, all work will be performed in accordance with the latest relevant revision of ANSI/TIA-222. If wind speed and/or ice loads are different from the minimum values recommended by the ANSI/TIA-222 standard or other codes, **TES** should be notified in writing and the applicable minimum values provided by the client.
4. The configuration of the existing mounts, antennas, coax and other appurtenances were supplied by the customer for the current structural analysis. **TES** has not visited the tower site to verify the adequacy of the information provided. If there is any discrepancy found in the report regarding the existing conditions, **TES** should be notified immediately to evaluate the effect of the discrepancy on the analysis results.
5. The client will assume responsibility for rework associated with the differences in initially provided information, including tower and foundation information, existing and/or proposed equipment and transmission lines.
6. If a feasibility analysis was performed, final acceptance of changed conditions shall be based upon a rigorous structural analysis.

# EXHIBIT 4



January 20, 2023



Centerline Communications  
750 West Center Street, Suite #301  
West Bridgewater, MA 02379

RE: AT&T Site Number: CT2873 (LTE 6C)  
FA Number: 12684101  
PACE Number: MRCTB066237  
PT Number: 2051A16NXS  
TEP Project Number: 354287  
AT&T Site Name: DANBURY GREAT PASTURE ROAD  
Site Address: 15 Great Pasture Road  
Danbury, CT 06810

To Whom It May Concern:

TEP Northeast (TEP NE) has been authorized by Centerline Communications to perform a mount analysis on the existing AT&T antenna/RRH mount to determine their capability of supporting the following additional loading:

- (3) TPA65R-BU6DA-K Antennas (71.2"x20.7"x7.7" – Wt. = 69 lbs. /each)
- (3) 4478 B14 RRH's (18.1"x13.4"x8.3" – Wt. = 60 lbs. /each) (Standoff)
- (3) 4415 B30 RRH's (16.5"x13.4"x5.9" – Wt. = 46 lbs. /each) (Standoff)
- (3) 4449 B5/B12 RRH's (17.9"x13.2"x9.4" – Wt. = 73 lbs. /each) (Standoff)
- (3) 8843 B2/B66A RRH's (14.9"x13.2"x10.9" – Wt. = 72 lbs. /each) (Standoff)
- (3) Squid Surge Arrestors (31.4"x10.2"Ø – Wt. = 29 lbs. /each) (Standoff)
- **(3) QD6616-7 Antennas (72.0"x22.0"x9.6" – Wt. = 130 lbs. /each)**
- **(3) 2012 B29 RRH's (16.5"x13.5"x5.9" – Wt. = 43 lbs. /each) (Standoff)**

*\*Proposed equipment shown in bold.*

No original structural design documents or fabrication drawings were available for the existing mount. This office conducted a survey climb and mapping of the existing AT&T antenna mounts on December 29, 2022.

Mount Analysis Methods:

- This analysis was conducted in accordance with EIA/TIA-222-H, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures, the International Building Code 2021 with 2022 Connecticut State Building Code, and AT&T Mount Technical Directive – R22.
- TEP NE considers this mount to be asymmetrical and has applied wind loads in 30 degree increments all around the mount. Per TIA-222-H and Appendix P of the Connecticut State Building Code, the max basic wind speed for this site is equal to 120 mph with a max basic wind speed with ice of 50 mph and a max ice thickness of 1.0 in. An escalated ice thickness of 1.16 in was used for this analysis.
- TEP NE considers this site to be exposure category C; tower is located near large, flat, open, terrain/grasslands.
- TEP NE considers this site to be topographic category 1; tower is located on flat terrain or the bottom of a hill or ridge.
- TEP NE considers this site to have a spectral response acceleration parameter at short periods,  $S_s$ , of 0.223 and a spectral response acceleration parameter at a period of 1 second,  $S_1$ , of 0.056.
- The mount has been analyzed with load combinations consisting of 500 lbs live load using a service wind speed of 30 mph wind on the worst case antenna. Analysis performed on each antenna pipe to determine worst case location; worst case location was antenna position 4.
- The mount has been analyzed with load combinations consisting of a 250 lbs live load in a worst case location on the mount.
- The existing mount is secured to the existing monopole with ring mounts and threaded rods. TEP NE considers the threaded rods to be the governing connection member.

Based on our evaluation, we have determined that the existing mount **IS CAPABLE** of supporting the proposed installation.

	Component	Controlling Load Case	Stress Ratio	Pass/Fail
<b>Existing (LTE 6C) Mount Rating</b>	103	LC18	64%	<b>PASS</b>

Reference Documents:

- Mount mapping report prepared by TEP NE dated January 5, 2023.

This determination was based on the following limitations and assumptions:

1. TEP NE is not responsible for any modifications completed prior to and hereafter which TEP NE was not directly involved.
2. All structural members and their connections are assumed to be in good condition and are free from defects with no deterioration to its member capacities.
3. All antennas, coax cables and waveguide cables are assumed to be properly installed and supported as per the manufacturer's requirements.
4. The existing mount has been adequately secured to the tower structure per the mount manufacturer's specifications.
5. All components pertaining to AT&T's mount must be tightened and re-plumbed prior to the installation of new appurtenances.
6. TEP NE performed a localized analysis on the mount itself and not on the supporting tower structure.

Please feel free to contact our office should you have any questions.

Respectfully Submitted,  
TEP Northeast



Michael Cabral  
Director



Daniel P. Hamm, PE  
Vice President

# EXHIBIT 5

# Radio Frequency Exposure Analysis Report

March 21, 2023

Centerline Communications on behalf of AT&T

Site Name: DANBURY GREAT PASTURE ROAD

Site Number: CTL02873

FA#: 12684101

USID: 253157

Site Address: 15 GREAT PASTURE ROAD, DANBURY, CT 06810



Michael Fischer, P.E.  
Registered Professional Engineer (Electrical)  
Connecticut License Number 33928  
Expires January 31, 2024

Signed 21 March 2023

## Site Compliance Summary

AT&T Compliance Status:	Compliant
Cumulative Calculated Power Density (Ground Level):	1.88889 $\mu\text{W}/\text{cm}^2$
Cumulative General Population % MPE (Ground Level):	0.21665%





March 21, 2023

Centerline  
Attn: Ryan Burgdorfer, Project Manager  
750 W Center St, Suite 301  
West Bridgewater, MA 02379

RF Exposure Analysis for Site: **DANBURY GREAT PASTURE ROAD**

Centerline Communications, LLC (“Centerline”) was contracted to analyze the proposed AT&T facility at **15 GREAT PASTURE ROAD, DANBURY, CT 06810** for the purpose of determining whether the predictive exposure from the proposed facility is within specified federal limits.

All information used in this report was analyzed as a percentage of the Maximum Permissible Exposure (% MPE) limits as detailed in 47 CFR § 1.1310 as well as Federal Communications Commission (FCC) OET Bulletin 65 Edition 97-01. The FCC MPE limits are typically expressed in units of milliwatts per square centimeter ( $\text{mW}/\text{cm}^2$ ) or microwatts per square centimeter ( $\mu\text{W}/\text{cm}^2$ ). The exposure limits vary depending upon the frequencies being utilized. The General Population/Uncontrolled MPE limit (in  $\text{mW}/\text{cm}^2$ ) for frequencies between 300 and 1500 is defined as frequency (in MHz) divided by 1500 ( $f_{\text{MHz}}/1500$ ). Frequencies between 1500 and 100,000 MHz have a General Population/Uncontrolled MPE limit of  $1 \text{ mW}/\text{cm}^2$  ( $1000 \mu\text{W}/\text{cm}^2$ ). The calculated power density at each sample point divided by the limit at each calculated frequency provides a result in % MPE. Summing the calculated % MPE from all contributors provides a cumulative % MPE at a particular sample point. Wireless carriers use different frequency bands with varying MPE limits; therefore, it is useful to report results in terms of % MPE as opposed to power density.

All results were compared to the FCC radio frequency exposure rules as detailed in 47 CFR § 1.1307(b) to determine compliance with the MPE limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general population may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general population would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits, as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means. Additional details can be found in FCC OET 65.



## **Calculation Methodology**

IXUS electromagnetic energy (EME) calculation software was used to assess all RF field levels presented in this study. IXUS software uses a fast and accurate EME calculation tool that allows for the determination of RF field strength in the vicinity of radio communication base stations and transmitters. At its core, the IXUS EME calculation module implements evaluation techniques detailed in the ITU-TK.61, CENELEC EN 50383, and IEC 62232 specifications and referenced in C95.3 IEEE Recommended Practice for Measurements and Computations of Electric, Magnetic, and Electromagnetic Fields with Respect to Human Exposure to Such Fields, 0 Hz to 300 GHz. The EME calculation result at any point in 3D space is achieved via a synthetic ray tracing technique, a conservative cylindrical envelope method, or through full-wave electromagnetic simulation. The ray tracing method is an advanced computation method described in IEC 622322 where the power is summed from elemental sources representing the individual components of the antenna which are selected by an analysis of published manufacturer datasheets and antenna pattern information. The selection of the solution method is determined by the particular antenna being considered.

In order to determine the spatial power density for comparison to the FCC limits, IXUS performs a spatial average of power density values between 0-6' above the specified study plane (e.g., ground level).



## **Data & Results**

The following table details the antennas and operating parameters for the AT&T antenna system as well as any other antenna systems at the site. This is based on antenna information provided by the client and data compiled from other sources where necessary. The data below was input into IXUS to perform the theoretical exposure calculations at ground level.

The theoretical calculations performed in IXUS determine the cumulative exposure at all sample points at ground level (0-6' spatial average). The results from highest cumulative sample point at ground level surrounding the site are displayed in the table below. The contribution from directional antennas to the maximum cumulative totals varies greatly depending on location; therefore, the contribution from one antenna sector at the highest calculated exposure point may be greater or less than other sectors since sectorized directional antennas are pointed in different directions and there is not much overlapping exposure.

The contribution to the cumulative power density and % MPE for each antenna/frequency band is listed in the table(s) below. The cumulative power density and cumulative % MPE are displayed at the bottom of the table(s) below.



**Maximum Calculated Cumulative Power Density @ Ground Level**  
**(Location: approximately 130' southeast of site)**

Antenna ID	Make / Model	Frequency Band (MHz)	Antenna Gain (dBd)	Antenna Centerline (ft)	Channel Count	TX Power/Channel (watts)	ERP (watts)	Calculated Power Density ( $\mu\text{W}/\text{cm}^2$ )	General Population MPE Limit ( $\mu\text{W}/\text{cm}^2$ )	General Population % MPE
AT&T A	Quintel QD6616-7	700	12.55	140.00	6.00	30.00	3237.97	0.00045	466.67	0.00010
AT&T A	Quintel QD6616-7	2300	16.25	140.00	4.00	18.75	3162.72	0.00008	1000.00	0.00001
AT&T A	CCI TPA65R-BU6D	700	12.35	140.00	4.00	30.00	2061.49	0.00064	466.67	0.00014
AT&T A	CCI TPA65R-BU6D	850	12.95	140.00	4.00	30.00	2366.91	0.00005	566.67	0.00001
AT&T A	CCI TPA65R-BU6D	1900	15.95	140.00	4.00	30.00	4722.60	0.00026	1000.00	0.00003
AT&T A	CCI TPA65R-BU6D	2100	16.25	140.00	4.00	30.00	5060.36	0.00027	1000.00	0.00003
AT&T B	Quintel QD6616-7	700	12.55	140.00	6.00	30.00	3237.97	0.02512	466.67	0.00538
AT&T B	Quintel QD6616-7	2300	16.25	140.00	4.00	18.75	3162.72	0.00946	1000.00	0.00095
AT&T B	CCI TPA65R-BU6D	700	12.35	140.00	4.00	30.00	2061.49	0.04989	466.67	0.01069
AT&T B	CCI TPA65R-BU6D	850	12.95	140.00	4.00	30.00	2366.91	0.00648	566.67	0.00114
AT&T B	CCI TPA65R-BU6D	1900	15.95	140.00	4.00	30.00	4722.60	0.01809	1000.00	0.00181
AT&T B	CCI TPA65R-BU6D	2100	16.25	140.00	4.00	30.00	5060.36	0.01313	1000.00	0.00131
AT&T C	Quintel QD6616-7	700	12.55	140.00	6.00	30.00	3237.97	0.00024	466.67	0.00005
AT&T C	Quintel QD6616-7	2300	16.25	140.00	4.00	18.75	3162.72	0.00016	1000.00	0.00002
AT&T C	CCI TPA65R-BU6D	700	12.35	140.00	4.00	30.00	2061.49	0.00064	466.67	0.00014
AT&T C	CCI TPA65R-BU6D	850	12.95	140.00	4.00	30.00	2366.91	0.00004	566.67	0.00001
AT&T C	CCI TPA65R-BU6D	1900	15.95	140.00	4.00	30.00	4722.60	0.00026	1000.00	0.00003
AT&T C	CCI TPA65R-BU6D	2100	16.25	140.00	4.00	30.00	5060.36	0.00027	1000.00	0.00003
Verizon Wireless A	Andrew SBNHH-1D65A	700	11.45	108.00	4.00	40.00	2234.19	0.00145	466.67	0.00031
Verizon Wireless A	CommScope SBNHH-1D65B	1800	15.55	107.00	4.00	40.00	5742.75	0.00003	1000.00	0.00000
Verizon Wireless A	Andrew SBNHH-1D65A	850	11.55	108.00	4.00	40.00	2286.23	0.00015	566.67	0.00003
Verizon Wireless A	CommScope SBNHH-1D65B	2100	16.45	107.00	4.00	40.00	7065.13	0.00173	1000.00	0.00017
Verizon Wireless B	Andrew SBNHH-1D65A	700	11.45	108.00	4.00	40.00	2234.19	0.13557	466.67	0.02905
Verizon Wireless B	CommScope SBNHH-1D65B	1800	15.55	107.00	4.00	40.00	5742.75	0.01213	1000.00	0.00121
Verizon Wireless B	Andrew SBNHH-1D65A	850	11.55	108.00	4.00	40.00	2286.23	0.03353	566.67	0.00592
Verizon Wireless B	CommScope SBNHH-1D65B	2100	16.45	107.00	4.00	40.00	7065.13	1.57500	1000.00	0.15750
Verizon Wireless C	Andrew SBNHH-1D65A	700	11.45	108.00	4.00	40.00	2234.19	0.00164	466.67	0.00035
Verizon Wireless C	CommScope SBNHH-1D65B	1800	15.55	107.00	4.00	40.00	5742.75	0.00005	1000.00	0.00001



Verizon Wireless C	Andrew SBNHH-1D65A	850	11.55	108.00	4.00	40.00	2286.23	0.00016	566.67	0.00003
Verizon Wireless C	CommScope SBNHH-1D65B	2100	16.45	107.00	4.00	40.00	7065.13	0.00192	1000.00	0.00019
							<b>Cumulative Power Density:</b>	<b>1.88889 <math>\mu\text{W}/\text{cm}^2</math></b>	<b>Cumulative % MPE:</b>	<b>0.21665%</b>





## Summary

The theoretical calculations performed for this analysis yielded cumulative power density totals in all areas at ground level that are within the allowable federal limits for public exposure to RF energy. Therefore, the site is **compliant** with FCC rules and regulations.

A handwritten signature in black ink, appearing to read "Katrina Styx", is written in a cursive style.

Katrina Styx  
RF EME Technical Writer  
Centerline Communications, LLC

# EXHIBIT 6



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051  
Phone: (860) 827-2935 Fax: (860) 827-2950  
E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)  
Web Site: [portal.ct.gov/csc](http://portal.ct.gov/csc)

VIA ELECTRONIC MAIL

May 12, 2021

Thomas J. Regan, Esq.  
Brown Rudnick, LLP  
185 Asylum Street  
Hartford, CT 06103

RE: **SUBPETITION NO. 1133-CING-20210401** - New Cingular Wireless PCS, LLC sub-petition for a declaratory ruling for an eligible facility request for modifications to an existing telecommunications facility located at 15 Great Pasture Road, Danbury, Connecticut.

Dear Attorney Regan:

The Connecticut Siting Council (Council) hereby approves your Eligible Facilities Request (EFR) to install antennas and associated equipment at the above-referenced facility pursuant to the Federal Communications Commission Wireless Infrastructure Report and Order, with the following conditions:

1. Prior to installation of the tower extension, the tower modifications shall be installed in accordance with the Structural Analysis prepared by SEMAAN Engineering Solutions, dated September 2, 2020 and stamped and signed by Thomas L. Taylor;
2. Within 45 days following completion of equipment installation, AT&T shall provide documentation certified by a Professional Engineer that its installation complied with the recommendations of the Structural Analysis;
3. A caution 2B sign must be installed at the base of the tower consistent with the Radio Frequency Safety Survey Report prepared by Centerline Communications dated March 26, 2021;
4. Approval of any changes be delegated to Council staff;
5. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
6. 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;
7. The validity of this action shall expire one year from the date of this letter; and
8. The Petitioner may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

This decision is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the EFR dated April 1, 2021. Any changes to the eligible facility request require advance notification and approval

Thank you for your attention and cooperation.

Sincerely,

*s/Melanie Bachman*

Melanie Bachman  
Executive Director

MAB/IN/emr

c: The Honorable Joseph M. Cavo, Mayor, City of Danbury ([j.cavo@danbury-ct.gov](mailto:j.cavo@danbury-ct.gov))












POST THIS PERMIT CONSPICUOUSLY  
**DEPARTMENT OF BUILDINGS, DANBURY, CONNECTICUT**

Telephone 203-797-4580 Fax 203-796-1585

# BUILDING PERMIT

Permit Number 59302 Issued 12 / 12 / 16 Expires 12 / 12 / 17  
Location 15 Great Pasture Rd.  
Owner Eppaliti Zone \_\_\_\_\_  
Contractor Ball Atlantic License No. \_\_\_\_\_  
Electrical Contractor \_\_\_\_\_ License No. \_\_\_\_\_  
Plumbing Contractor \_\_\_\_\_ License No. \_\_\_\_\_  
HVAC Contractor \_\_\_\_\_ License No. \_\_\_\_\_  
\_\_\_\_\_ Contractor \_\_\_\_\_ License No. \_\_\_\_\_  
Description 120' Cell Tower & Equipment

 12-7-16  
Building Inspector

Special Inspection Required

Yes  No

In accordance with application, plans and specifications on file and subject to ordinances and building codes of the state of Connecticut and City of Danbury, otherwise this permit is void. Occupancy of this new building or addition prior to issuance of a Certificate of Occupancy will be considered a violation of the Building Code Regulations.

**NOTICE:** Changes, regardless of size, from stamped approved plans must be submitted to Building Inspector before they are made. Prompt notification by the Plumbing, Electrical and General contractors of completion of their respective portions of the work will avoid delay in issuance of the Certificate of Occupancy. This permit is null and void one year after date of issue, except by extension from the building official.

**INSPECTIONS:**

Normally there are nine or more required inspections of a new building, and as many as apply on alterations and additions\*:

1. Soil Conditions (Footings) \_\_\_\_\_
2. Footing Drains & Damp Proofing \_\_\_\_\_
3. Electrical Rough X \_\_\_\_\_
4. Plumbing Rough \_\_\_\_\_
5. HVAC \_\_\_\_\_
6. Framing \_\_\_\_\_
7. Insulation \_\_\_\_\_
8. Gas or Oil Burner \_\_\_\_\_
9. Zoning (If Needed) \_\_\_\_\_
10. Final X \_\_\_\_\_

\*Wall ReBar If Applicable \_\_\_\_\_



<p><b>DOCKET NO. 462</b> – Cellco Partnership d/b/a Verizon Wireless application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at Danbury Tax Assessor’s Map L16, Lot 5, 15 Great Pasture Road, Danbury, Connecticut.</p>	<p>} Connecticut          } Siting          } Council</p>
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December 10, 2015

**Decision and Order**

Pursuant to Connecticut General Statutes §16-50p and the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, maintenance, and operation of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Cellco Partnership d/b/a Verizon Wireless (Cellco), hereinafter referred to as the Certificate Holder, for a telecommunications facility at the proposed site, located at 15 Great Pasture Road, Danbury, Connecticut.

Unless otherwise approved by the Council, the facility shall be constructed, operated, and maintained substantially as specified in the Council’s record in this matter, and subject to the following conditions:

1. The tower shall be constructed as a monopole at a height of 120-feet above ground level to provide the proposed wireless services, sufficient to accommodate the antennas of Cellco and other entities, both public and private. The height of the tower may be extended after the date of this Decision and Order pursuant to regulations of the Federal Communications Commission.
2. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the City of Danbury and Town of Bethel for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:
  - a) final site plan(s) for development of the facility to include specifications for the tower, tower foundation, antennas, equipment compound including, but not limited to, fence design with anti-climbing measures, radio equipment, access road, utility line, utility trench depth relative to Department of Energy and Environmental Protection No Dig Restriction depth, emergency backup generator, and generator fuel tank with associated run time that employ the governing standard in the State of Connecticut for tower design in accordance with the currently adopted International Building Code;
  - b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended;
  - c) Protection plans for eastern box turtle, wood turtle and bog turtle including plans for the bog turtle’s terrestrial activity; and
  - d) Wetland protection plans.

3. Prior to the commencement of operation, the Certificate Holder shall provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.
4. Upon the establishment of any new federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.
5. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.
6. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed with at least one fully operational wireless telecommunications carrier providing wireless service within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The Certificate Holder shall provide written notice to the Executive Director of any schedule changes as soon as is practicable.
7. Any request for extension of the time period referred to in Condition 6 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, the City of Danbury and the Town of Bethel.
8. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council within 90 days from the one year period of cessation of service. The Certificate Holder may submit a written request to the Council for an extension of the 90 day period not later than 60 days prior to the expiration of the 90 day period.
9. Any nonfunctioning antenna, and associated antenna mounting equipment, on this facility shall be removed within 60 days of the date the antenna ceased to function.
10. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction, and the commencement of site operation.
11. The Certificate Holder shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v.

# EXHIBIT 7



**CampusShip: View/Print Label**

Ensure there are no other shipping or tracking labels attached to your package. Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

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Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.


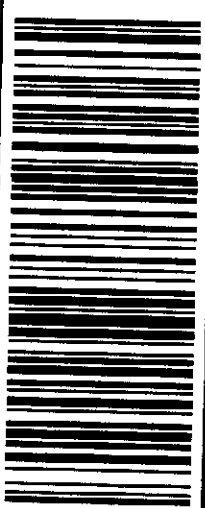

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VIRGINIA BEACH, VA 23456

FOLD HERE

<p>ALLISON CONNELL 2155887035 CENTERLINE COMMUNICATIONS 768 SOUTHLEAF DR VIRGINIA BEACH, VA 23462-4748</p> <p><b>1 LBS</b> DWT: 12.9,1</p> <p><b>1 OF 1</b></p> <p><b>SHIP TO:</b> MELANIE A. BACHMAN CONNECTICUT SITING COUNCIL EXECUTIVE DIRECTOR 10 FRANKLIN SQUARE <b>NEW BRITAIN CT 06051-2655</b></p>	<p><b>CT 067 9-06</b></p> 	<p><b>UPS GROUND</b></p> <p>TRACKING #: 1Z 9Y4 503 03 3257 5931</p>		<p>BILLING: P/P</p>  <p>CS 23.6.00. WNTNV/50 11.0A 03/2023*</p>
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UPS CampusShip: View/Print Label

- 1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.
- 2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. **GETTING YOUR SHIPMENT TO UPS**

**Customers with a Daily Pickup**

Your driver will pickup your shipment(s) as usual.

**Customers without a Daily Pickup**

Take your package to any location of The UPS Store®, UPS Access Point(TM) location, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.


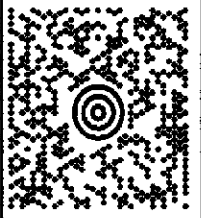
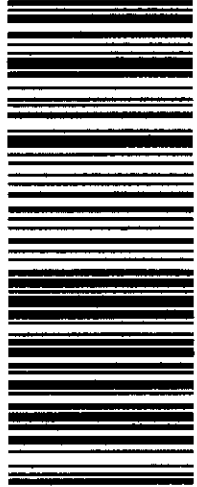

Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages. Hand the package to any UPS driver in your area.

UPS Access Point™  
 ADVANCE AUTO PARTS STORE 2890  
 4676 PRINCESS ANNE RD  
 VIRGINIA BEACH, VA 23462

UPS Access Point™  
 CVS STORE # 4935  
 4500 PRINCESS ANNE RD  
 VIRGINIA BEACH, VA 23462

UPS Access Point™  
 THE UPS STORE  
 2085 LYNNHAVEN PKWY  
 VIRGINIA BEACH, VA 23456

FOLD HERE

<p>ALLISON CONNELL          2155887035          CENTERLINE COMMUNICATIONS          768 SOUT HLEAF DR          VIRGINIA BEACH VA 23462-4748</p> <p><b>SHIP TO:</b>          STEPHANIE OSWALD          KGI WIRELESS INC          BUILDING THREE, STE 370          805 LAS CIMAS PKWY  <b>AUSTIN TX 78746-5697</b></p>	<p><b>1 LBS</b>          DWT: 12.9,1</p> <p><b>1 OF 1</b></p> <p><b>TX 787 9-75</b></p>  	<p><b>UPS GROUND</b>          TRACKING #: 1Z 9Y4 503 03 0982 7435</p>		<p><b>BILLING: P/P</b></p>  <p>CS 23-B-00. WPNTNUS0 11.0A.03/2023*</p>
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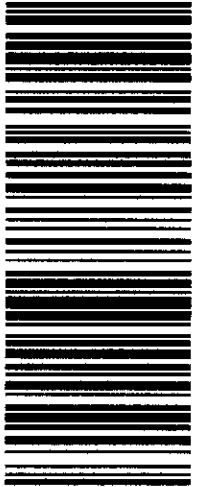

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VIRGINIA BEACH, VA 23462

UPS Access Point™  
THE UPS STORE  
2085 LYNNHAVEN PKWY  
VIRGINIA BEACH, VA 23456

FOLD HERE

<p>ALLISON CONWELL 2155887035 CENTERLINE COMMUNICATIONS 768 SOUTHLEAF DR VIRGINIA BEACH VA 23462-4748</p> <p><b>SHIP TO:</b> EPOLITI INDUSTRIAL REALTY INC 37 DANBURY RD STE 203 <b>RIDGEFIELD CT 06877-4079</b></p>	<p><b>1 LBS</b></p> <p>DWT: 12.9,1</p> <p><b>1 OF 1</b></p>	<p><b>CT 068 0-02</b></p> 	<p><b>UPS GROUND</b></p> <p>TRACKING #: 1Z 9Y4 503 03 1531 6449</p> 	<p><b>BILLING: P/P</b></p>  <p>CS 23-6-00 WNT/NVSD 11.0A 03/2023*</p>
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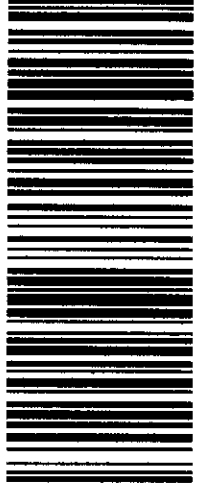

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UPS Access Point™  
THE UPS STORE  
2085 LYNNHAVEN PKWY  
VIRGINIA BEACH ,VA 23456

FOLD HERE

<p>ALLISON CONWELL 2155887035 CENTERLINE COMMUNICATONS 768 SOUTHLEAF DR VIRGINIA BEACH VA 23462-4748</p> <p><b>SHIP TO:</b> MAYOR - DEAN ESPISITO CITY OF DANBURY 155 DEER HILL AVE <b>DANBURY CT 06810-7726</b></p>	<p><b>1 LBS</b> DWT: 12.9,1</p> <p><b>1 OF 1</b></p>	<p><b>CT 068 0-01</b></p> 	<p><b>UPS GROUND</b></p> <p>TRACKING #: 1Z 9Y4 503 03 2130 4548</p> 	<p><b>BILLING: P/P</b></p>  <p>CS 23-6.00. WNT/NV50 11.0A.03/2023*</p>
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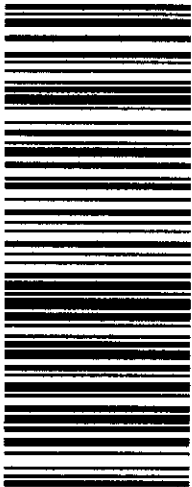

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VIRGINIA BEACH, VA 23462

UPS Access Point™  
THE UPS STORE  
2085 LYNNHAVEN PKWY  
VIRGINIA BEACH, VA 23456

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<p><b>1 LBS</b> <b>1 OF 1</b></p> <p>DWT: 12.9.1</p> <p><b>SHIP TO:</b>          ALLISON CONWELL          2155887035          CENTERLINE COMMUNICATIONS          768 SOUTHLEAF DR          VIRGINIA BEACH VA 23462-4748</p> <p><b>PLANNING &amp; ZONING          CITY OF DANBURY          155 DEER HILL AVE          DANBURY CT 06810-7726</b></p>	<p><b>CT 068 0-01</b></p> 	<p><b>UPS GROUND</b></p> <p>TRACKING #: 1Z 9Y4 503 03 3722 6157</p> 	<p><b>BILLING: P/P</b></p> <p style="text-align: right;">   <small>CS 23.6.00. WINTNV50.11.0A.03/2023*</small> </p>
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