

QC Development PO Box 916 Storrs, CT 06268 860-670-9068 Mark.Roberts@QCDevelopment.net

August 30, 2016

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

Notice of Exempt Modification – New Cingular Wireless PCS, LLC (AT&T) 8 Old Route 79, Madison, CT 06443 – AT&T SITE # CT2178 N 41-17-07.94 W 72-36-04.85

Dear Ms. Bachman:

AT&T currently maintains nine (9) antennas at the 132-foot level of the existing 148-foot Monopole at 8 Old Route 79, Madison, CT. The tower and property are owned by American Tower. AT&T now intends to remove three (3) Powerwave and one (1) Kathrein antenna and install three (3) KMW and one (1) CCI antenna, leaving a total of nine (9) antennas. AT&T also intends to remove three (3) existing Ericsson RRUS-11 radio heads and install three (3) Ericsson RRUS-12 A2 radio heads, also at the 132-foot level.

This facility was approved by the Town of Madison Planning and Zoning Commission on February 16, 1995. There were no conditions that could feasibly be violated by this modification, including total facility height or mounting restrictions. This modification therefore complies with the aforementioned approval.

Please accept this letter as notification pursuant to Regulations of Connecticut State Agencies § 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 Tom Banisch, First Selectman of the Town of Madison, as well as the property and tower 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).

1. The proposed modifications will not result in an increase in the height of the existing structure.

2. The proposed modifications will not require the 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 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. The existing structure and its foundation can support the proposed loading.

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).

Please feel free to call me at (860) 670-9068 with any questions regarding this matter. Thank you for your consideration.

Sincerely,

Mark Roberts QC Development Consultant for AT&T

Attachments

cc: Mr. Tom Banisch - as elected official (via e-mail) American Tower - as property and tower owner (via e-mail)

Power Density

Existing Loading on Tower

Carrier	# of Channels	ERP/Ch (W)	Antenna Centerline Height (ft)	Power Density (mW/cm^2)	Freq. Band (MHz**)	Limit S (mW /cm^2)	%MPE
Other Carriers*					- Serger and the		10.93%
AT&T GSM	1	296	97	0.0129	880	0.5867	0.22%
AT&T GSM	1	427	97	0.0185	1900	1.0000	0.28%
AT&T UMTS	2	500	97	0.0434	880	0.5867	0.74%
AT&T UMTS	2	500	97	0.0434	1900	1.0000	0.43%
AT&T LTE	1	500	97	0.0217	700	0.4667	0.47%
AT&T LTE	1	500	97	0.0217	1900	1.0000	0.22%
AT&T LTE	1	500	97	0.0217	2300	1.0000	0.22%
Site Total			ALL ALL AND		and the second		13.41%

*Per CSC Records (available upon request, includes calculation formulas)

** If a range of frequencies are used, such as 880-894, enter the lowest value, i.e. 880

Carrier	# of Channels	ERP/Ch (W)	Antenna Centerline Height (ft)	Power Density (mW/cm^2)	Freq. Band (MHz**)	Limit S (mW /cm^2)	%MPE
Other Carriers*					Terrine and		10.93%
AT&T GSM	1	296	97	0.0129	880	0.5867	0.22%
AT&T UMTS	2	500	97	0.0434	880	0.5867	0.74%
AT&T UMTS	2	500	97	0.0434	1900	1.0000	0.43%
AT&T LTE	1	500	97	0.0217	700	0.4667	0.47%
AT&T LTE	1	500	97	0.0217	1900	1.0000	0.22%
AT&T LTE	1	500	97	0.0217	2300	1.0000	0.22%
Site Total							13.13%

Proposed Loading on Tower

*Per CSC Records (available upon request, includes calculation formulas)

** If a range of frequencies are used, such as 880-894, enter the lowest value, i.e. 880

Note: Proposed Loading may also include corrections to certain Existing Loading values

	PROJECT INFORMATION		
SCOPE OF WORK:	TELECOMMUNICATIONS FACILITY UPGRADE (LTE 2C 2017 UPGRADE):		
SITE ADDRESS:	OLD ROUTE 79 MADISON, CT 06443		
LATITUDE:	41.285548° N 41° 17' 7.97" N		
LONGITUDE:	72.601360° W 72° 36' 4.89" W		
TYPE OF SITE:	MONOPOLE / INDOOR EQUIPMENT		
TOWER HEIGHT:	148'±		
RAD CENTER:	132'±		
JURISDICTION:	NATIONAL, STATE & LOCAL CODES OR ORDINANCES		
CURRENT USE:	TELECOMMUNICATIONS FACILITY		
PROPOSED USE:	TELECOMMUNICATIONS FACILITY		
	DRAWING INDEX		
SHEET NO. DESC	RIPTION	REV.	DIRE
T-1 TITLE	SHEET	1	FRON LEFT



SITE NUMBER: CT2178

SITE NAME: MADISON PD

PROJECT: LTE 2C 2017 UPGRADE

	DRAWING INDEX		VICINITY MAP		
SHEET NO.	DESCRIPTION	REV.	DIRECTIONS TO SITE:	1	I. THIS DOCUMENT IS TH
T-1	TITLE SHEET	1	FROM ROCKY HILL, CT: HEAD EAST ON ENTERPRISE DR TOWARD CAPITOL BLVD – GO 0.4 MI. TU LEFT AT CAPITOL BLVD – GO 0.3 MI. TURN LEFT AT WEST ST – GO 0.3 MI. TURN LEFT TO MER ONTO I-91 S TOWARD NEW HAVEN – GO 1.4 MI. TAKE EXIT 22S ON THE LEFT TO MERGE ONTO	RN RGE CT-9	DUPLICATION OR USE AND USE BY GOVERNM AUTHORIZED REGULATC
GN-1	GENERAL NOTES	1	S TOWARD MIDDLETOWN/OLD SAYBROOK – GO 29.3 MI. TAKE THE EXIT ONTO GOVERNOR JOHN LODGE TURNPIKE/I-95 S/US-1 S TOWARD NEW HAVEN/N.Y. CITY. CONTINUE TO FOLLOW GOVERI JOHN DAVIS LODGE TURNPIKE/I-95 S – GO 13.1 MI. TAKE EXIT 61 FOR CT-79 TOWARD MADIS MADISON – GO 0.3 MI. TURN LEFT ST CT-79/DURHAM RD – GO 0.2 MI. ARRIVE AT LOCATION.	DAVIS 2 NOR	2. THE FACILITY IS AN U ACCESSED BY TRAINED NOT REQUIRE ANY WA REGULATIONS REQUIRIN
A-1	COMPOUND & EQUIPMENT PLANS	1	Turnpike		3. CONTRACTOR SHALL VE AND SHALL IMMEDIATEI
A-2	ANTENNA LAYOUTS & ELEVATION	1	Connecticut Turnpike		BEFORE PROCEEDING
A-3	DETAILS	1		Conestor	
RF—1	RF-PLUMBING DIAGRAM	1			
G-1	GROUNDING DETAILS	1	and Rd Old State		
			PROJECT	205	SN
	ATC SITE NUMBED, 202540		SITE		
	ATC SITE NUMBER: 302540		Woodland Rd		
	ATC SITE NAME: MADISON		Ord St. Fox Chase Ln		CALL T
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			NUMBER: CT2178		
	dson SAI	SITE		/16 ISSUED	FOR CONSTRUCTION
-	C 27 NORTHWESTERN DR		OLD ROUTE 79	/16 ISSUED	FOR REVIEW
1600 OSGOOD S BUILDING 20 NO N. ANDOVER, M	STREET TEL: (978) 557-5553 SALEM, NH 03079	M. Në	DISON, CT 06443 500 ENTERPRISE DRIVE, SUITE 3A NO. DATI W HAVEN COUNTY ROCKY HILL, CT 06067 SCALE: AI		REVISIONS DESIGNED BY: AT DRAWN

GENERAL NOTES

THE CREATION, DESIGN, PROPERTY AND COPYRIGHTED WORK OF AT&T. ANY E WITHOUT EXPRESS WRITTEN CONSENT IS STRICTLY PROHIBITED. DUPLICATION RIMENT AGENCIES FOR THE PURPOSES OF CONDUCTING THEIR LAWFULLY ATORY AND ADMINISTRATIVE FUNCTIONS IS SPECIFICALLY ALLOWED.

UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY NED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY RING PUBLIC ACCESS PER ADA REQUIREMENTS.

VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE TELY NOTIFY THE AT&T MOBILITY REPRESENTATIVE IN WRITING OF DISCREPANCIES G WITH THE WORK OR BE RESPONSIBLE FOR SAME.

72 HOURS									
CALL BEFORE YOU DIG									
l toll free 1—800—922—4455									
or call 811									
OF CONVERSION									
UNDERGROUND SERVICE ALERT									
AT&T									
The Crean THE OVER									
RB AT DPH TITLE SHEET EB AT DPH CENS (LTE 2C)									
BY CHK APP'D	REV								
DRAWN BY: EB 7///////////////////////////////////	1								

GROUNDING NOTES

- 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) 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.
- 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.
- EACH BTS CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR 5. WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, 6 AWG STRANDED COPPER OR LARGER FOR INDOOR BTS 2 AWG STRANDED COPPER FOR OUTDOOR BTS.
- 6. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE
- 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
- 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 AWS 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 - SAL

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.
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL 3. 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.
- 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.

- FOR CONSTRUCTION OF AT&T SITES."
- AFTER MIDNIGHT.
- EXPOSURE LEVELS
- 20. APPLICABLE BUILDING CODES:

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-F, STRUCTURAL STANDARDS FOR STEEL

FOUIPMENT AND ANTENNA SUPPORTING STRUCTURES: REFER TO ELECTRICAL DRAWINGS FOR SPECIFIC ELECTRICAL STANDARDS.

DESIGNED BY: AT

SCALE: AS SHOWN

				ABBREVIATIONS				
	AGL	ABOVE GRADE LEVEL	EQ	EQUAL	REQ	REQUI	RED	
	AWG	AMERICAN WIRE GAUGE	GC	GENERAL CONTRACTOR	RF	RADIO	FRE	Q
	BBU	BATTERY BACKUP UNIT	GRC	GALVANIZED RIGID CONDUIT	TBD	TO BE	DE	ГЕ
	BTCW	BARE TINNED SOLID COPPER WIRE	MGB	MASTER GROUND BAR	TBR	TO BE	REI	M
	BGR	BURIED GROUND RING	MIN	MINIMUM	TBRR	TO BE REPLA		VI.
	BTS	BASE TRANSCEIVER STATION	Ρ	PROPOSED	TYP	TYPICA	AL.	
	Е	EXISTING	NTS	NOT TO SCALE	UG	UNDER	R GR	0
	EGB	EQUIPMENT GROUND BAR	RAD	RADIATION CENTER LINE (ANTENNA)	VIF	VERIFY	r in	F
	EGR	EQUIPMENT GROUND RING	REF	REFERENCE				111
E NUMBER: CT2178 NAME: MADISON PD SITE NUMBER: 302540 OLD ROUTE 79 ADISON, CT 06443	500 ENTE	PRISE DRIVE, SUITE 3A	1 A NO.	07/27/16 ISSUED FOR CONSTRUCTION 06/07/16 ISSUED FOR REVIEW DATE REVISIO		RB EB BY	AT AT CHK	(

ROCKY HILL, CT 06067





SITE SITE N ATC S MADISON, CT 06443 NEW HAVEN COUNT

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. TOUCHUP 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

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 FXISTING FOUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK SHOULD BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS

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

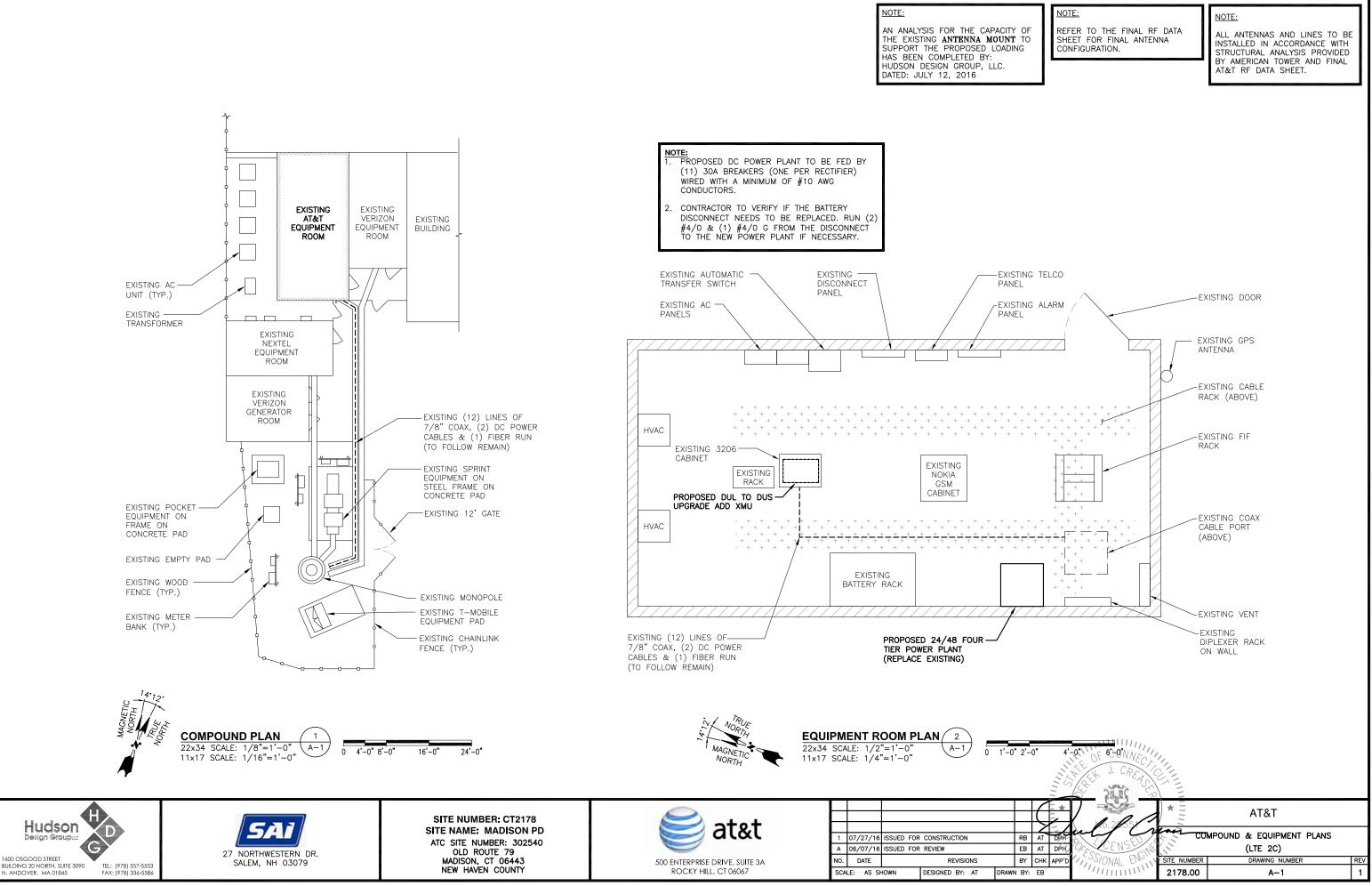
SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN. BUILDING CODE: 2003 IBC WITH 2005 CT SUPPLEMENT, + 2009 & 2013 CT AMENDMENTS ELECTRICAL CODE: REFER TO ELECTRICAL DRAWINGS

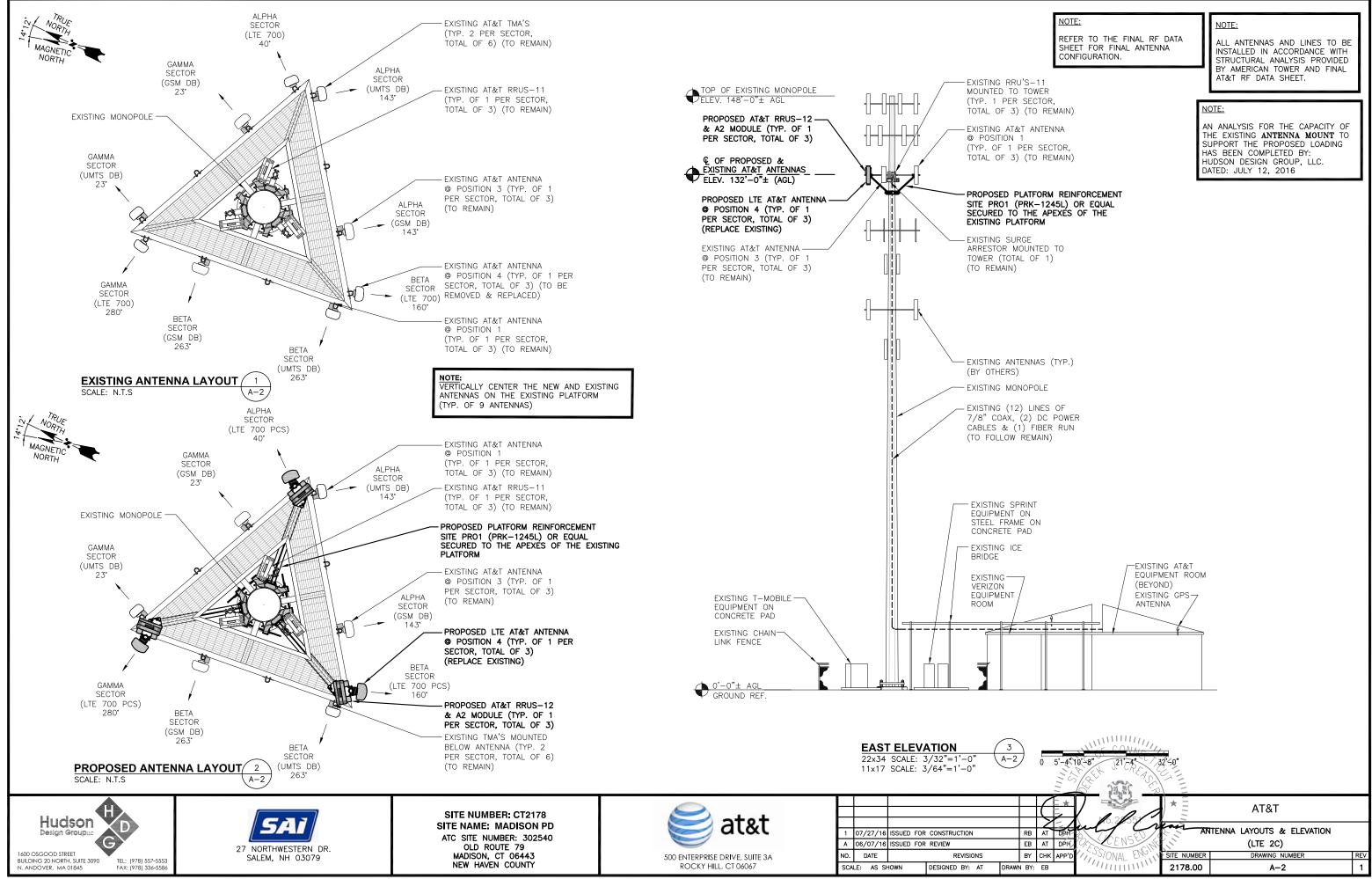
LIGHTENING CODE: REFER TO ELECTRICAL DRAWINGS

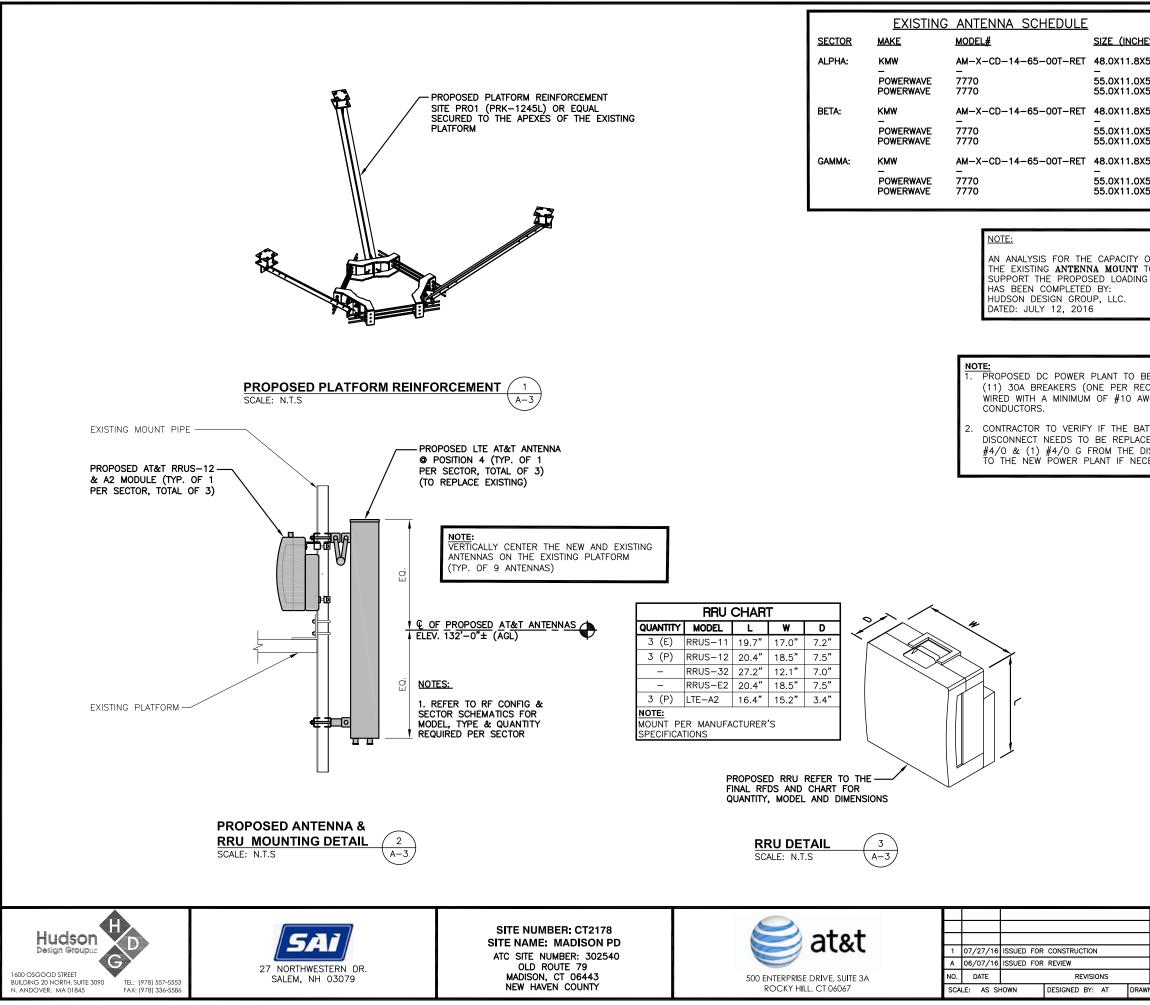
SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING

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.

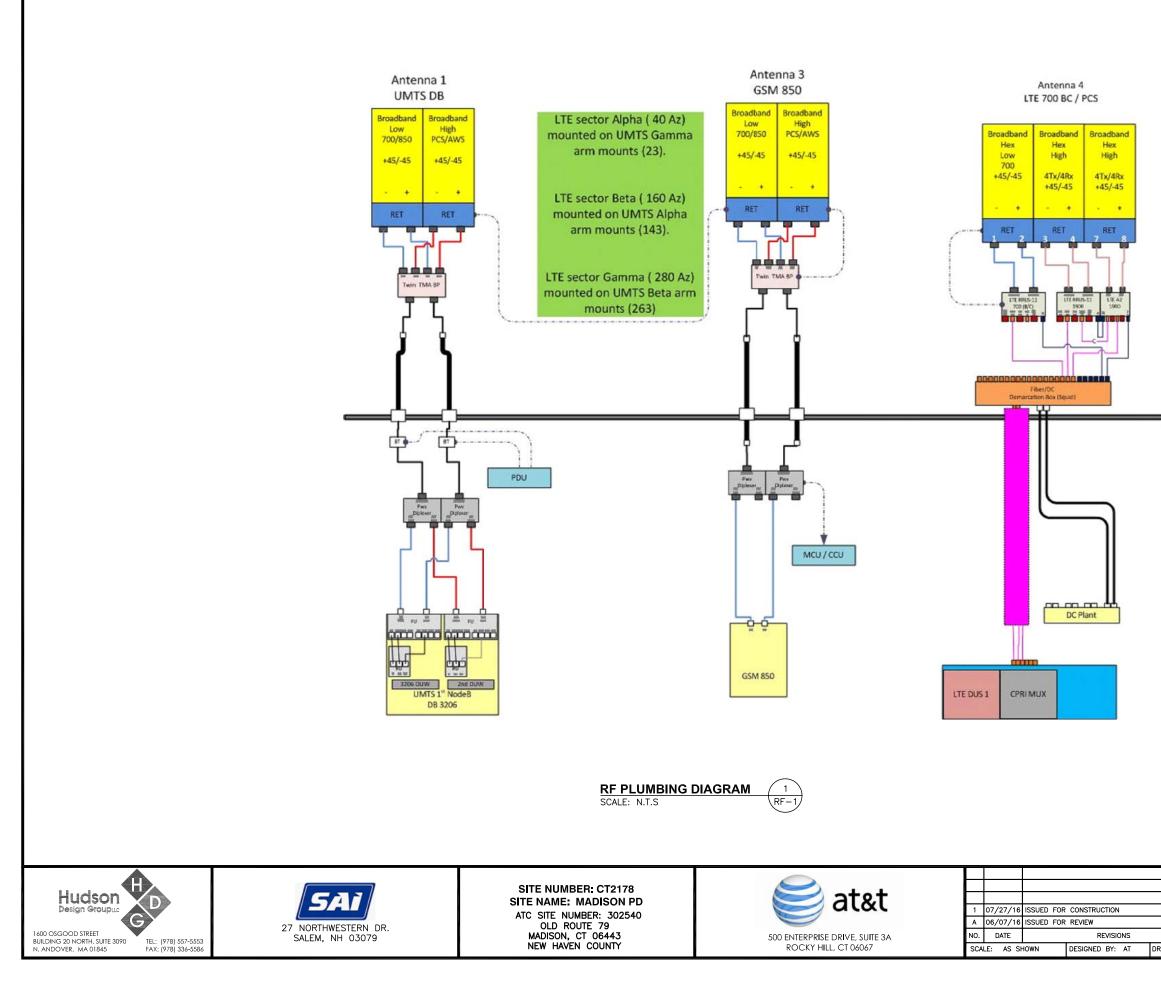
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REQUIRED			
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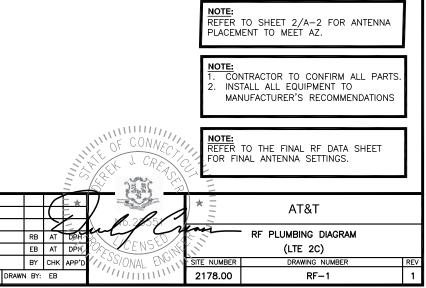


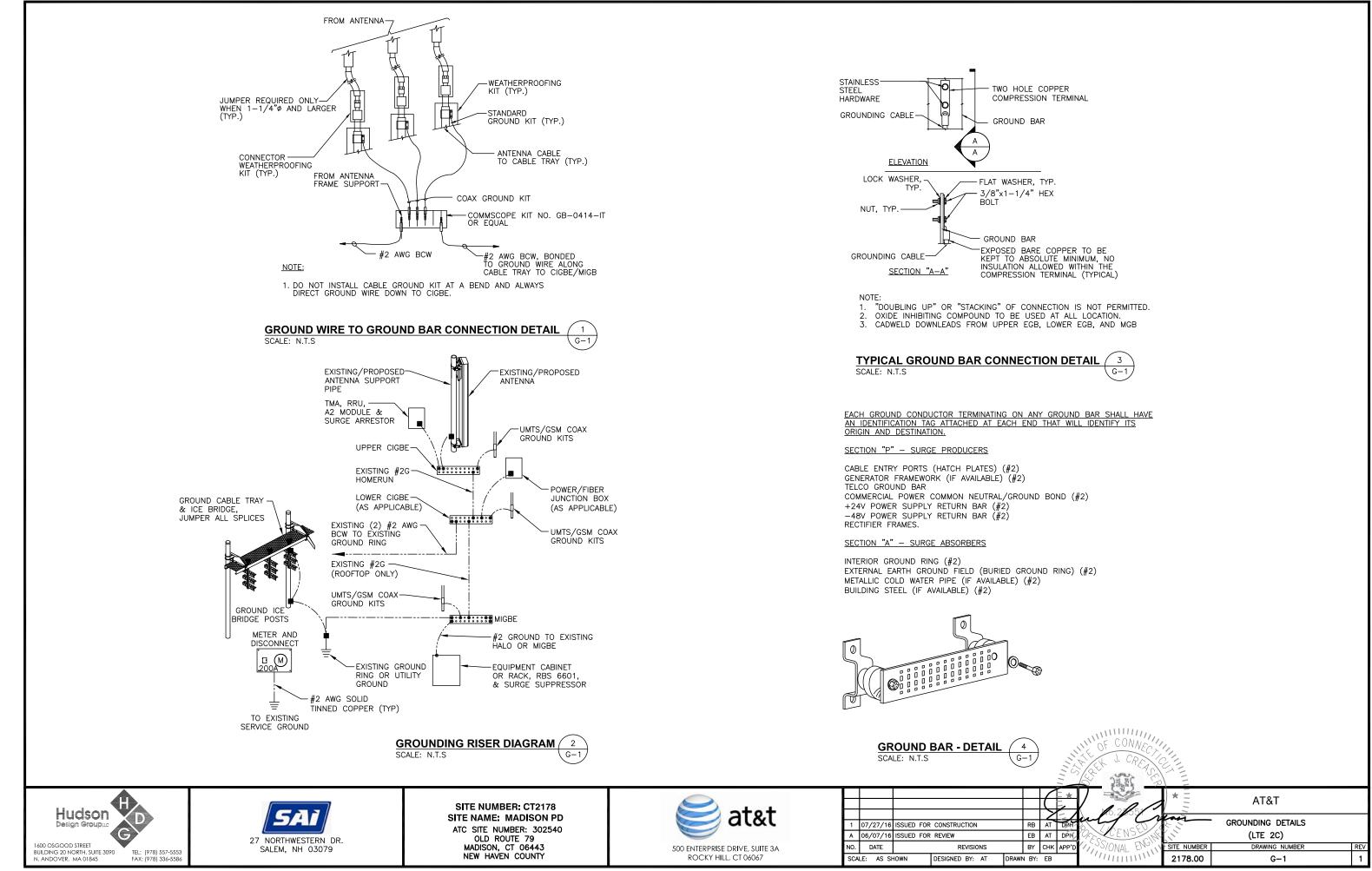




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SCALE: N,T,S CONNECTOR A-3					PLANT		
SCALE: N,T,S CONNECTOR A-3			04 04 04 04 04 04 04 04 04 04 04 04				
SCALE: N,T,S CONNECTOR A-3			211				
SCALE: N,T,S CONNECTOR A-3							
SCALE: N,T,S CONNECTOR A-3							
SCALE: N,T,S CONNECTOR A-3			P	T			
SCALE: N,T,S CONNECTOR A-3							
SCALE: N,T,S CONNECTOR A-3							
SCALE: N,T,S CONNECTOR A-3			P	TA			
SCALE: N,T,S CONNECTOR A-3							
SCALE: N,T,S CONNECTOR A-3							
SCALE: N,T,S CONNECTOR A-3							
SCALE: N,T,S CONNECTOR A-3							
SCALE: N,T,S CONNECTOR A-3		EMERS		<u>NER PLAN</u>	NT 4		
RB AT DPH EB AT DPH ED AT DPH			S OF CONNEC				
RB AT DPH EB AT DPH ED AT DPH		SY	THE STREET				
EB AT DPH		(E*		* =	AT&T		
	RB	AT DEH	ulf C	for	DETAILS		
RAWN BY: EB (///////////////////////////////////	EB	/	OK CENSLOVAL ENGINE	SITE NUMBER			REV
	RAWN BY:		WIND THE				









AMERICAN TOWER®

CORPORATION

Structural Evaluation								
ATC Site Number & Name	ATC Site Number & Name 302540, Madison CT 6, CT							
Carrier Site Number & Name	CT2178/FA#10035220, Madison PD							
Site Location	8 Old 79							
Madison, CT 06443-2685, New Haven County								
	41.28553333 N / -72.60134167 W							
Tower Description	148 ft Monopole							
Basic Wind Speed	85 mph (Fastest Mile)							
Basic Wind Speed w/ Ice	75 mph (Fastest Mile) w/ ½" ice							
Code	TIA/EIA-222-F / 2003 IBC, Sec. 1609.1.1, Exception (5) & Sec. 3108.4 / 2005 CT							
	Supplement & 2009 CT Amendment							
	State Building Code							

Existing and Reserved Equipment

Elevation ¹ (ft) Mount RAD Qty					Lines	Comion	
		Qty	Antenna	Mount Type	Lines	Carrier	
157.0		1	18' Dipole				
149.0	153.0	1	8' Omni	Low Profile Platform	(5) 7/8" Coax	Other	
148.0 152.0		1	6' Dipole				
	147.0	12	48" x 12" Panel		(12) 1 1/4" Coax	Sprint Nextel	
		6	RFS FD9R6004/1C-3L				
		3	Alcatel-Lucent RRH2X60-AWS				
139.0	139.0	6	Commscope HBX-6516DS-VTM	Low Profile Platform	(12) 1 5/8" Coax	Verizon	
159.0	159.0	1	RFS DB-T1-6Z-8AB-0Z		(1) 1 5/8" (1.63") Fiber	Venzon	
		2	Commscope LNX-8513DS-VTM				
		4	Commscope LNX-6514DS-A1M				
		6	Powerwave LGP13519				
		1	Raycap DC6-48-60-18-8F				
132.0	132.0	3	Ericsson RRUS 11 (Band 12) (55 lb)	Low Profile Platform	(12) 1 5/8" Coax	AT&T Mobility	
		2	KMW AM-X-CD-14-65-00T-RET				
		3	Powerwave 7770.00				
		4	Ericsson KRY 112 144/1		(16) 1 5/8" Coax		
115.0	115.0	4	Ericsson AIR 21, 1.3 M, B2A B4P	Low Profile Platform	(16) 1 5/8 COax (1) 1 1/4" Hybriflex	T-Mobile	
		4	Ericsson AIR 21, 1.3M, B4A B2P				
107.0	107.0	3	36" x 10" Panel	Flush	-	Other	
		3	Alcatel-Lucent 800MHz 2X50W RRH w/ Filter				
		3	Alcatel-Lucent 1900MHz 4X45 RRH				
97.0	97.0	3	Alcatel-Lucent TD-RRH8x20-25 w/ Solar Shield	Low Profile Platform	(4) 1 1/4" Hybriflex	Sprint Nextel	
		3	RFS APXV9TM14-ALU-I20				
		3	RFS APXVSPP18-C-A20				
84.0	84.0	3	RFS APXV18-206517S-C	Collar	-	Metro PCS	
75.0	75.0	1	GPS	Flush	(1) 1/2" Coax	Sprint Nextel	



Equipment to be Removed

Elevation ¹ (ft)		0 ± /	Antonno	Mount Tuno	Linos	Corrior	
Mount	RAD	Qty	Antenna	Mount Type	Lines	Carrier	
		3	Powerwave 7770.00		-	AT&T Mobility	
132.0	132.0	1	Kathrein 800 10736				
132.0 132.0	152.0	6	ADC DD700	-		ATATIVIOUIIILY	
		3	Ericsson RRUS 11 (Band 12) (55 lb)				

Proposed Equipment

Elevation ¹ (ft)		Oty Antenna		MountTurno	Lines	Carrier			
Mount	RAD	Qty	Antenna	Mount Type	Lines	Carner			
		6	Powerwave TT19-08BP111-001	Low Profile Platform		AT&T Mobility			
		3	Ericsson RRUS A2 B2		(2) 0 79" 9 414/0 6				
132.0	132.0	3	Ericsson RRUS-12 B2		(2) 0.78" 8 AWG 6 (1) 0.39" Fiber Trunk				
					1	KMW AM-X-CD-14-65-00T-RET		(1) 0.59 FIDEI TIUTK	
		3	Commscope SBNHH-1D65A						

¹Mount elevation is defined as height above bottom of steel structure to bottom of mount, RAD elevation is defined as center of antenna above grade level (AGL).

Install proposed coax inside of the pole shaft.

The existing and proposed loads listed in the tables above are compared to the tower's current design capacity or previous structural analysis. The tower should be re-evaluated as future loads are added or if actual loads are found different from those listed in the tables. The subject tower and foundation *are adequate* to support the above stated loads in conformance with specified requirements.

CDW/AMS



TOWN OF MADISON

CONNECTICUT

LAND USE OFFICE

8 CAMPUS DRIVE MADISON, CONNECTICUT 06447-2582 (203) 245-5632 FAX (203) 245-5613

MADISON PLANNING AND ZONING COMMISSION

CERTIFICATION OF SPECIAL EXCEPTION PERMIT OR MODIFICATION OF SPECIAL EXCEPTION PERMIT

APPL. NO .: 94-420 (A)

DATE OF APPROVAL: February 16, 1995

This certifies that on the above date a SPECIAL EXCEPTION PERMIT was granted by the Madison Planning and Zoning Commission to:

OWNERS OF RECORD: Town of Madison

under the provisions of Sec. 3,4(b) of the Zoning Regulations of the Town of Madison on property located at:

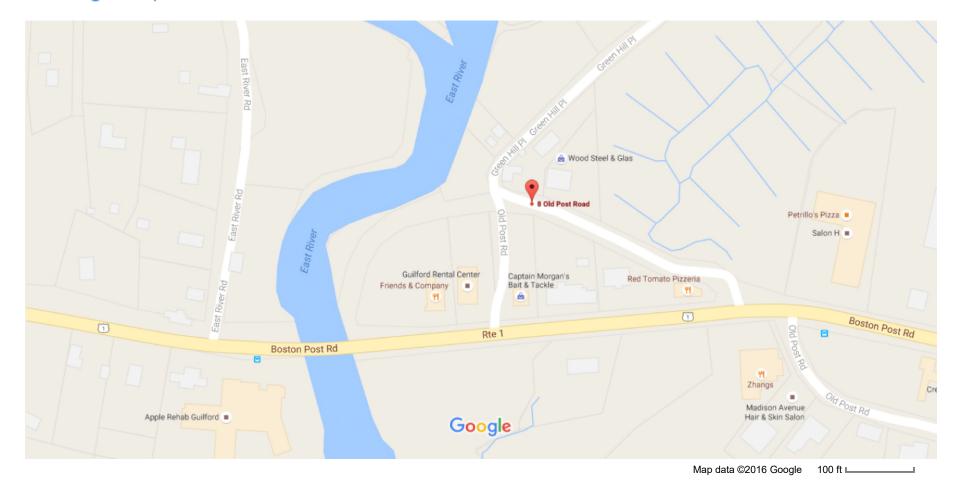
STREET ADDRESS OR LOCATION: 8 OLD RTE. 79

<u>TO ALLOW:</u> Removal of existing 100 ft. lattice tower. replacement with a 150 ft. lattice tower and construction of a 10 ft. x 20 ft. x 10 ft. high equipment shelter for a public utility building, with a waiver of Secs. 29.2 q.s. and t of the Zoning Regulations. This approval is with the condition that the tower be constructed on the same location as the old tower and that additional scree ing be provided.

In accordance with Section 4.6 of said Regulations. this approval and permit are conditioned upon completion of all proposed improvements in accordance with approved plans within two years from date of approval, and shall become null and yoid in the event of failure to complete such improvements within said two year period or any extension thereof granted by the Commission.

Appl.: SMART SMR OF NEW YORK, INC. 1 North Broadway, 2nd Floor White Plains, NY 10601	is and
	Chairman, Planning and Zoning Commission
Received for Recordh_	m (ggg) g/4/97
Signature of Town Clerk	FRM. SEPERMIT 6/91

Google Maps 8 Old Post Rd



Location	8 OLD ROUTE 79	Mblu	48/ 53/ CELL/ /
Acct#	48530001	Owner	AMERICAN TOWER SEPCTRASITE COMMUNICATION
Assessment	\$734,300	Appraisal	\$1,049,000
PID	104171	Building Count	1

Current Value

Appraisal						
Valuation Year	Improvements	Land	Total			
2015	\$1,049,000	\$0	\$1,049,000			
	Assessment					
Valuation Year	Improvements	Land	Total			
2015	\$734,3	50 \$0	\$734,300			

Owner of Record

Owner	AMERICAN TOWER SEPCTRASITE COMMUNICATION	Sale Price	\$0
Co-Owner	C/O PROPERTY TAX DEPT	Certificate	
		Book & Page	0/ 0
		Sale Date	01/01/1900

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Sale Date	
AMERICAN TOWER SEPCTRASITE COMMUNICATION	\$0		0/ 0	01/01/1900	

Building Information

Building 1 : Section 1

Year Built:

Living Area: 0					
Building Attributes					
Field Description					
Style	Outbuildings				
Model					
Stories:					
Heat Fuel					
Heat Type:					

Building Photo

AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Fireplace(s)	
Xtra FPL Open	

Building Photo

(http://images.vgsi.com/photos/MadisonCTPhotos//\01\01 \39/82.jpg)

Building Layout

Building Layout

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Building Sub-Areas (sq ft) Legend
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No Data for Building Sub-Areas

Extra Features

Extra Features	<u>Legend</u>
No Data for Extra Features	

Land

Land Use	Land Line Valuation
Use Code 4310	Size (Acres) 0
Description TEL REL TW	Depth
Zone	

Outbuildings

	Outbuildings					
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
CEL	Cell Tower			6 UNITS	\$981,600	1
SHD7	Cell Shed			144 S.F.	\$14,400	1
SHD7	Cell Shed			240 S.F.	\$24,000	1
SHD7	Cell Shed			280 S.F.	\$28,000	1
FN3	Fence 6'			160 L.F.	\$1,000	1

Valuation History

Appraisal					
Valuation Year Improvements Land Total					
2015	\$1,049,000	\$0	\$1,049,000		

Assessment			
Valuation Year	Improvements	Land	Total
2015	\$734,300	\$0	\$734,300

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