



June 6, 2022

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

Re: Exempt Modification Application – AT&T Site 13958510
AT&T Mobility Telecommunications Facility @ 20 Post Office Lane, Westport, CT 06880

Dear Ms. Bachman,

New Cingular Wireless (“AT&T”) desires to modify an existing wireless telecommunications facility at the above referenced address. Enclosed please find check number 033316 in the amount of Six Hundred and Twenty Five Dollars (\$625.00); an original and two (2) copies of the following documents: the CSC Exempt Modification letter; a Letter of Authorization from tower owner; the GIS property map; a set of Construction Drawings; a Structural Analysis Report; an Antenna Mount Analysis Report; an EME Study Report; the Original Tower Approval; and four (4) Notice Confirmations.

I will email copies of these documents to the Council.

If you have any questions, please feel free to contact me; I can be reached at 443-677-0144 or via email at jmandrews@clinellc.com. Thank you for your kind cooperation in this matter

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read 'Jack Andrews', is written over the printed name.

Jack Andrews
Zoning Manager, Centerline Communications
10130 Donleigh Drive
Columbia, MD 21046
443-677-0144



June 1, 2022

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

Re: Exempt Modification Application – AT&T Site 13958510
AT&T Mobility Telecommunications Facility @ 20 Post Office Lane, Westport, CT 06880

Dear Ms. Bachman,

New Cingular Wireless, PCS, LLC (dba AT&T) currently maintains antennas on a wireless telecommunications facility on an existing American Tower Corporation (ATC) telecommunications tower at the above referenced address. AT&T desires to modify its existing equipment as described in the attached Construction Drawings:

- Remove the existing antenna mount, three (3) antennas, three (3) TMAs, and two (2) DC6;
- Relocate three (3) antennas in position 3, and four (4) RRUs in all sectors;
- Relocate three (3) antennas in position 2;
- Add three (3) 5G C band and three (3) 5G DoD antennas in position 3;
- Add three (3) LTE/5G antennas in position 4; and
- Replace two (2) DC6.

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), and as notification pursuant to Regulations of Connecticut State Agencies 16-50aa, of AT&T's intent to modify a telecommunications facility pursuant to R.C.S.A. 16-50j-88. In accordance with R.C.S.A §16-50j-73, a copy of this letter is being sent to the following individuals: American Tower Corporation as Tower Operator/Owner; Sherwood Jay as Property Owner; the Honorable Jennifer Tooker, First Selectwoman of Westport, and Mary Young, Director of Planning & Zoning for Westport.

The applicant's proposal falls squarely within those activities explicitly provided for in R.C.S.A. §16-50j-89. 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 Commission (FCC) safety standard. Please see the RF emissions calculation for AT&T's modified facility enclosed herewith.

Jack Andrews, Zoning Manager 10130 Donleigh Drive, Columbia, MD 21046 (443) 677-0144
Centerline Communications • 750 W Center Street, Suite 301, W Bridgewater, MA 02379



5. The proposed modifications will NOT cause an ineligible change or alteration 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 enclosed herewith.

For the foregoing reasons, AT&T respectfully requests that the Council approve this Exempt Modification request for this tower located at 20 Post Office Lane, Westport, CT 06880. If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Jack Andrews', is written over a horizontal line.

Jack Andrews
Zoning Manager, Centerline Communications
443-677-0144

Enclosures: Exhibit 1 – Letter of Authorization from tower owner
Exhibit 2 – Property Card and GIS
Exhibit 3 – Construction Drawings
Exhibit 4 – Structural Analysis Report
Exhibit 5 – Antenna Mount Analysis Report
Exhibit 6 – EME Study Report
Exhibit 7 – Four (4) Notice Confirmations

cc: American Tower Corporation – Tower Operator/Owner
Sherwood Jay – Property Owner
Honorable Jennifer Tooker - First Selectwoman of Westport
Mary Young - Director of Planning & Zoning for Westport.



LETTER OF AUTHORIZATION

SITE NO: See Site List Below

SITE NAME: See Site List Below

ADDRESS: See Site List Below

I, Margaret Robinson, Senior Counsel, US Tower Division on behalf of American Tower*, owner and/or operator of the tower facilities located at the addresses identified below (the “Tower Facilities”), do hereby authorize Centerline Communications, LLC (“Centerline”), its agents, successors and assigns, to act as American Tower’s non-exclusive agent for the purpose of filing and securing any zoning, land-use, building permit and/or electrical permit application(s) and approvals of the applicable jurisdiction for and to conduct the construction of the installation of antennas and related telecommunications equipment owned and operated by AT&T on the Tower Facilities located at the addresses identified below. This installation shall not affect adjoining lands and will occur only within the areas leased or owned by American Tower.

American Tower understands that the applications may be denied, modified or approved with conditions. The above authorization is limited to the acceptance by American Tower of conditions related to American Tower’s installations. Any such conditions of approval or modifications will not be effective unless approved in writing by American Tower.

The above authorization does not permit Centerline to modify or alter any existing permit(s) and/or zoning or land-use conditions or impose any additional conditions unrelated to American Tower’s installations of telecommunications equipment without the prior written approval of American Tower.

Site Authorized:

ATC Project #	ATC Asset #	Address
13682691	302483	286 Beckley Road, Berlin, CT 06037
13682687	302469	1069 Connecticut Ave. Bridgeport, CT 06607
13682699	383598	1000 Truumball Ave. Bridgeport, CT 06606
13682693	302468	99 Meadow St. Harftford, CT 06114
13682696	370627	605 Willard Ave. Newington, CT 06111
13682689	370629	125 Washington Ave. North Haven, CT 06473
13683386	283418	50 Devine St. North Haven, CT 06473
13683396	88018	168 Catoona Lane, Stamford, CT 06902
13682841	243036	668 Jones Hill Rd. West Haven, CT 06516
13958523	283422	171 Short Beach Rd. Brandford, CT 06405
13958547	302516	438 Bridgeport Ave. Milford, CT 06460
13683394	302479	699 West St. Rocky Hill, CT 06067
13958510	302511	20 Post Office Lane. Westport, CT 06880



AMERICAN TOWER®
CORPORATION

Signature: _____

Margaret Robinson, Senior Counsel
US Tower Division

NOTARY BLOCK

COMMONWEALTH OF MASSACHUSETTS
County of Middlesex

This instrument was acknowledged before me by Margaret Robinson, Senior Counsel of American Tower (owner and/or operator of the above referenced Tower Facilities), personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same.

WITNESS my hand and official seal, this 22nd day of April, 2022.

NOTARY SEAL



GERARD T. HEFFRON
Notary Public
Commonwealth of Massachusetts
My Commission Expires
August 9, 2024

Notary Public
My Commission Expires: August 9th, 2024

* American Tower as used herein is defined as American Tower Corporation and any of its affiliates or subsidiaries.

GREEN'S FARMS ROAD

INTERSTATE 95

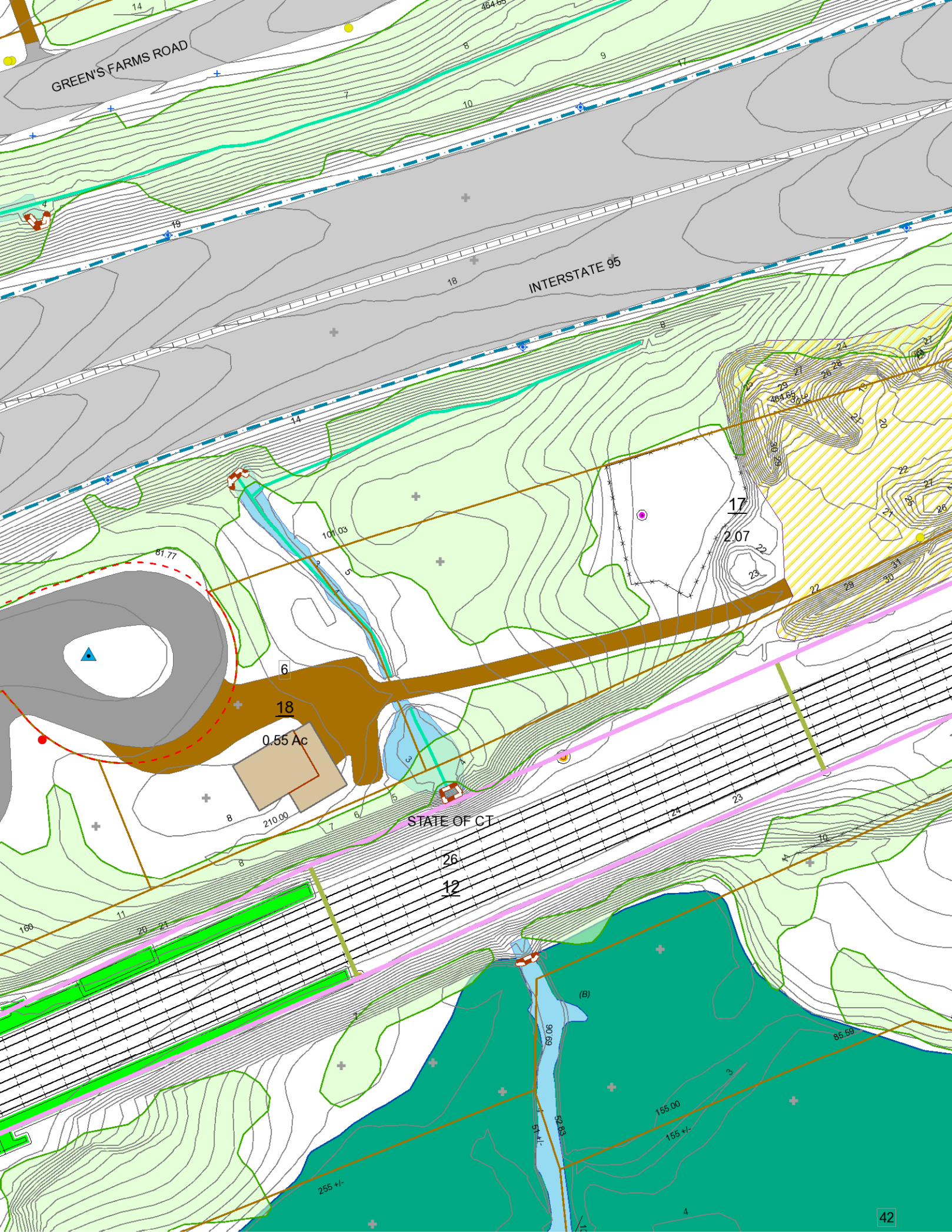
STATE OF CT

18

0.55 Ac

17

2.07



MAPLE LN

Location MAPLE LN

Mblu H06 / / 017/000 /

Acct# 11910

Owner SHERWOOD JAY

Assessment \$1,034,130

Appraisal \$1,477,400

PID 7785

Building Count 1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2020	\$1,164,400	\$313,000	\$1,477,400

Assessment			
Valuation Year	Improvements	Land	Total
2020	\$815,030	\$219,100	\$1,034,130

Owner of Record

Owner SHERWOOD JAY
Co-Owner
Address P O BOX 48
 WESTPORT, CT 06881

Sale Price \$0
Certificate 1
Book & Page 0469/0137
Sale Date 12/08/1977
Instrument 29

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
SHERWOOD JAY	\$0	1	0469/0137	29	12/08/1977

Building Information

Building 1 : Section 1

Year Built:
Living Area: 0
Replacement Cost: \$0
Building Percent Good:
Replacement Cost
Less Depreciation: \$0

Building Attributes

Field	Description
Style:	Outbuildings
Model	
Grade:	
Stories:	
Occupancy	
Exterior Wall 1	
Exterior Wall 2	
Roof Structure:	
Roof Cover	
Interior Wall 1	
Interior Wall 2	
Interior Flr 1	
Interior Flr 2	
Heat Fuel	
Heat Type:	
AC Type:	
Total Bedrooms:	
Total Bthrms:	
Total Half Baths:	
Total Xtra Fixtrs:	
Total Rooms:	
Bath Style:	
Kitchen Style:	
Kitchens	
Whirlpool Tubs	
Hot Tubs	
Sauna (SF Area)	
Fin Basement	
Fin Bsmt Qual	
Bsmt. Garages	
Interior Cond	
Fireplaces	
Ceiling Height	
Elevator	
Sprinklers	
Acc Apts	
Fndtn Cndtn	
Basement	

Building Photo



(<https://images.vgsi.com/photos2/WestportCTPhotos/\00\01\56\27.jpg>)

Building Layout

 Building Layout (ParcelSketch.ashx?pid=7785&bid=7785)

Building Sub-Areas (sq ft)	Legend
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	435	Size (Acres)	2.07
Description	Cell Site Vac Lnd	Frontage	0
Zone	AAA	Depth	0
Neighborhood	140	Assessed Value	\$219,100
Alt Land Appr	No	Appraised Value	\$313,000
Category			

Outbuildings

Outbuildings						<u>Legend</u>
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
CELL	Cell on TWR	TW		5.00 Sites	\$1,253,900	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$1,164,400	\$313,000	\$1,477,400
2020	\$1,164,400	\$313,000	\$1,477,400
2019	\$1,253,969	\$59,360	\$1,313,329

Assessment			
Valuation Year	Improvements	Land	Total
2021	\$815,030	\$219,100	\$1,034,130
2020	\$815,030	\$219,100	\$1,034,130
2019	\$877,730	\$41,600	\$919,330



Radio Frequency Exposure Analysis Report

May 23, 2022

American Tower on behalf of AT&T
Centerline Communications Project Number: N/A

AT&T Site Name: WESTPORT SOUTH
Site Number: CT2103
FA#: 10035073
USID: 60390

Site Address: 19-20 POST OFFICE LANE, WESTPORT, CT 06880

Site Compliance Summary

AT&T Compliance Status:	Compliant
Cumulative Calculated Power Density (Ground Level):	16.86635 $\mu\text{W}/\text{cm}^2$
Cumulative General Population % MPE (Ground Level):	1.6872100000000001%



May 23, 2022

Attn: Danya Priest

RF Exposure Analysis for Site: **WESTPORT SOUTH**

Centerline Communications, LLC (“Centerline”) was contracted to analyze the proposed AT&T facility at **19-20 POST OFFICE LANE, WESTPORT, CT 06880** 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 (mW/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 mW/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

Centerline Communications, LLC has performed theoretical modeling of the site using a software tool, RoofMaster®, which incorporates calculation methodologies detailed in FCC OET 65. RoofMaster® uses a cylindrical model for conservative power density predictions within the near field of the antenna where the antenna pattern has not truly formed yet. Within this area power density values tend to decrease based upon an inverse distance function. At the point where it is appropriate for modeling to change from near-field calculations to far-field calculations, the power decreases inversely with the square of the distance. The modeling is based on worst-case assumptions in terms of transmitter power and duty cycle. No losses were included in the power calculations unless they were specifically provided for the project.

In OET 65, a far field model is presented to calculate the spatial peak power density. The RoofMaster® implementation of this model incorporates antenna manufacturer's horizontal and vertical pattern data to determine the power density in all directions. This model yields the power density at a single point in space. In order to determine the spatial power density for comparison to the FCC limits, the average of several points calculated within the human profile (0-6') must be conducted. RoofMaster® calculates seven power density values between 0-6' above the specified study plane and performs a linear spatial average.



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 Roofmaster® to perform the theoretical exposure calculations at the ground.

The theoretical calculations performed in Roofmaster® 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. The cumulative power density and cumulative % MPE are displayed at the bottom of the table.



Maximum Calculated Cumulative Power Density (Location: approximately 290' west 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 1	CCI OPA65R-BU6D	700	11.75	131.00	4.00	40.00	2393.98	0.00000	466.67	0.00000
AT&T A 1	CCI OPA65R-BU6D	2100	15.25	131.00	4.00	40.00	5359.45	0.00000	1000.00	0.00000
AT&T A 2	Ericsson AIR6449	3700	23.45	131.00	1.00	108.40	23989.95	0.00001	1000.00	0.00000
AT&T A 3	Ericsson AIR6419	3450	23.45	131.00	1.00	108.40	23989.95	0.00001	1000.00	0.00000
AT&T A 4	CCI DMP65R-BU6E	700	11.65	131.00	4.00	40.00	2339.48	0.00000	466.67	0.00000
AT&T A 4	CCI DMP65R-BU6E	850	11.95	131.00	4.00	40.00	2506.80	0.00000	566.67	0.00000
AT&T A 4	CCI DMP65R-BU6E	1900	15.35	131.00	4.00	40.00	5484.28	0.00000	1000.00	0.00000
AT&T A 4	CCI DMP65R-BU6E	2300	15.55	131.00	4.00	25.00	3589.22	0.00000	1000.00	0.00000
AT&T B 5	CCI OPA65R-BU6D	700	11.75	131.00	4.00	40.00	2393.98	0.00000	466.67	0.00000
AT&T B 5	CCI OPA65R-BU6D	2100	15.25	131.00	4.00	40.00	5359.45	0.00000	1000.00	0.00000
AT&T B 6	Ericsson AIR6449	3700	23.45	131.00	1.00	108.40	23989.95	0.00001	1000.00	0.00000
AT&T B 7	Ericsson AIR6419	3450	23.45	131.00	1.00	108.40	23989.95	0.00001	1000.00	0.00000
AT&T B 8	CCI DMP65R-BU6E	700	11.65	131.00	4.00	40.00	2339.48	0.00000	466.67	0.00000
AT&T B 8	CCI DMP65R-BU6E	850	11.95	131.00	4.00	40.00	2506.80	0.00000	566.67	0.00000
AT&T B 8	CCI DMP65R-BU6E	1900	15.35	131.00	4.00	40.00	5484.28	0.00000	1000.00	0.00000
AT&T B 8	CCI DMP65R-BU6E	2300	15.55	131.00	4.00	25.00	3589.22	0.00000	1000.00	0.00000
AT&T C 9	CCI OPA65R-BU6D	700	11.75	131.00	4.00	40.00	2393.98	0.00027	466.67	0.00006
AT&T C 9	CCI OPA65R-BU6D	2100	15.25	131.00	4.00	40.00	5359.45	0.00020	1000.00	0.00002
AT&T C 10	Ericsson AIR6449	3700	23.45	131.00	1.00	108.40	23989.95	0.00159	1000.00	0.00016
AT&T C 11	Ericsson AIR6419	3450	23.45	131.00	1.00	108.40	23989.95	0.00119	1000.00	0.00012
AT&T C 12	CCI DMP65R-BU6E	700	11.65	131.00	4.00	40.00	2339.48	0.00027	466.67	0.00006
AT&T C 12	CCI DMP65R-BU6E	850	11.95	131.00	4.00	40.00	2506.80	0.00030	566.67	0.00005
AT&T C 12	CCI DMP65R-BU6E	1900	15.35	131.00	4.00	40.00	5484.28	0.00022	1000.00	0.00002
AT&T C 12	CCI DMP65R-BU6E	2300	15.55	131.00	4.00	25.00	3589.22	0.00016	1000.00	0.00002
Sprint A 13	GENERIC PANEL 6FT	850	12.62	131.00	2.00	40.00	1462.48	0.00000	566.67	0.00000
Sprint A 13	GENERIC PANEL 6FT	1900	15.84	131.00	2.00	60.00	4604.49	0.00000	1000.00	0.00000
Sprint A 14	GENERIC PANEL 6FT	2500	14.49	131.00	1.00	35.00	984.17	0.00000	1000.00	0.00000
Sprint B 15	GENERIC PANEL 6FT	850	12.62	131.00	2.00	40.00	1462.48	0.00000	566.67	0.00000
Sprint B 15	GENERIC PANEL 6FT	1900	15.84	131.00	2.00	60.00	4604.49	0.00000	1000.00	0.00000
Sprint B 16	GENERIC PANEL 6FT	2500	14.49	131.00	1.00	35.00	984.17	0.00000	1000.00	0.00000
Sprint C 17	GENERIC PANEL 6FT	850	12.62	131.00	2.00	40.00	1462.48	0.00014	566.67	0.00003
Sprint C 17	GENERIC PANEL 6FT	1900	15.84	131.00	2.00	60.00	4604.49	0.00022	1000.00	0.00002
Sprint C 18	GENERIC PANEL 6FT	2500	14.49	131.00	1.00	35.00	984.17	0.00006	1000.00	0.00001
Verizon A 19	GENERIC PANEL 6FT	700	12.33	77.70	4.00	40.00	2736.02	0.00001	466.67	0.00000
Verizon A 20	GENERIC PANEL 6FT	850	12.62	77.70	4.00	40.00	2924.96	0.00001	566.67	0.00000



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
Verizon A 21	GENERIC PANEL 6FT	1900	15.84	77.70	4.00	40.00	6139.32	0.00001	1000.00	0.00000
Verizon A 22	GENERIC PANEL 6FT	2100	16.39	77.70	4.00	40.00	6968.19	0.00000	1000.00	0.00000
Verizon B 23	GENERIC PANEL 6FT	700	12.33	77.70	4.00	40.00	2736.02	0.00000	466.67	0.00000
Verizon B 24	GENERIC PANEL 6FT	850	12.62	77.70	4.00	40.00	2924.96	0.00000	566.67	0.00000
Verizon B 25	GENERIC PANEL 6FT	1900	15.84	77.70	4.00	40.00	6139.32	0.00000	1000.00	0.00000
Verizon B 26	GENERIC PANEL 6FT	2100	16.39	77.70	4.00	40.00	6968.19	0.00000	1000.00	0.00000
Verizon C 27	GENERIC PANEL 6FT	700	12.33	77.70	4.00	40.00	2736.02	0.00071	466.67	0.00015
Verizon C 28	GENERIC PANEL 6FT	850	12.62	77.70	4.00	40.00	2924.96	0.00073	566.67	0.00013
Verizon C 29	GENERIC PANEL 6FT	1900	15.84	77.70	4.00	40.00	6139.32	0.00073	1000.00	0.00007
Verizon C 30	GENERIC PANEL 6FT	2100	16.39	77.70	4.00	40.00	6968.19	0.00076	1000.00	0.00008
T-Mobile A 31	GENERIC PANEL 6FT	1900	15.84	53.50	2.00	60.00	4604.49	0.00003	1000.00	0.00000
T-Mobile A 32	GENERIC PANEL 6FT	600	12.33	53.50	2.00	60.00	2052.02	0.00004	400.00	0.00001
T-Mobile A 32	GENERIC PANEL 6FT	700	12.33	53.50	2.00	60.00	2052.02	0.00004	466.67	0.00001
T-Mobile A 33	GENERIC PANEL 6FT	2100	16.39	53.50	2.00	60.00	5226.14	0.00002	1000.00	0.00000
T-Mobile B 34	GENERIC PANEL 6FT	1900	15.84	53.50	2.00	60.00	4604.49	0.00000	1000.00	0.00000
T-Mobile B 35	GENERIC PANEL 6FT	600	12.33	53.50	2.00	60.00	2052.02	0.00000	400.00	0.00000
T-Mobile B 35	GENERIC PANEL 6FT	700	12.33	53.50	2.00	60.00	2052.02	0.00000	466.67	0.00000
T-Mobile B 36	GENERIC PANEL 6FT	2100	16.39	53.50	2.00	60.00	5226.14	0.00000	1000.00	0.00000
T-Mobile C 37	GENERIC PANEL 6FT	1900	15.84	53.50	2.00	60.00	4604.49	0.00001	1000.00	0.00000
T-Mobile C 38	GENERIC PANEL 6FT	600	12.33	53.50	2.00	60.00	2052.02	0.00003	400.00	0.00001
T-Mobile C 38	GENERIC PANEL 6FT	700	12.33	53.50	2.00	60.00	2052.02	0.00003	466.67	0.00001
T-Mobile C 39	GENERIC PANEL 6FT	2100	16.39	53.50	2.00	60.00	5226.14	0.00000	1000.00	0.00000
T-Mobile D 40	GENERIC PANEL 6FT	1900	15.84	53.50	2.00	60.00	4604.49	0.00125	1000.00	0.00013
T-Mobile D 41	GENERIC PANEL 6FT	600	12.33	53.50	2.00	60.00	2052.02	0.00121	400.00	0.00030
T-Mobile D 41	GENERIC PANEL 6FT	700	12.33	53.50	2.00	60.00	2052.02	0.00121	466.67	0.00026
T-Mobile D 42	GENERIC PANEL 6FT	2100	16.39	53.50	2.00	60.00	5226.14	0.00131	1000.00	0.00013
							Cumulative Power Density:	16.86635 $\mu\text{W}/\text{cm}^2$	Cumulative % MPE:	1.68721%



Summary

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

Katrina Styx
RF EME Technical Writer
Centerline Communications, LLC

A handwritten signature in black ink, appearing to read "Katrina Styx", is positioned below the typed name and title.



WESTPORT SOUTH FA #10035073

19-20 POST OFFICE LANE
WESTPORT, CT 06880

5G NR RADIO / 5G NR 1SR CBAND

PACE JOB#s: MRCTB052122, MRCTB051010

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No.	Date	Action
A	04/11/22	PRELIMINARY CDs



Plans Prepared By:
MORRISON HERSHFIELD
 Two South University Drive, Suite 245,
 Plantation, FL 33324
 Tel: 954.577.4655 Fax: 954.577.4656
 www.morrisonhershfield.com

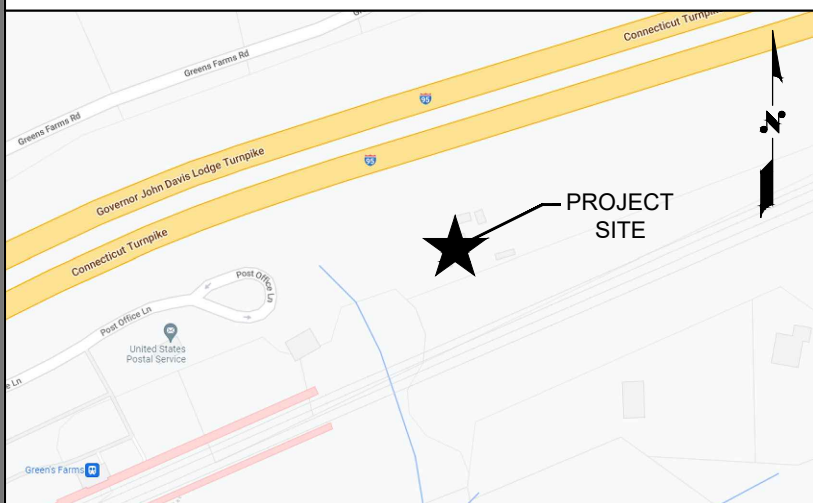
Project:
**WESTPORT SOUTH
 FA#10035073**
 19-20 POST OFFICE LANE
 WESTPORT, CT 06880

Drawing Title:
COVER SHEET

Project No.: 220000100	
Designer: RBM	Date: 04/04/22
Drawn By: NY	Checked By: RBM
PM Review: AC	Client Approval

Issue No.: A	Drawing No.: T-1
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LOCAL MAP



SCOPE OF WORK

1. REMOVE EXISTING ANTENNA MOUNT
2. REMOVE (3) ANTENNAS IN POSITIONS 1, 2 & 4 (SECTORS ALPHA, BETA AND GAMMA, TOTAL OF 9)
3. REMOVE (2) EXISTING DC6
4. REMOVE (3) TMAS IN POSITION 1 (SECTORS ALPHA, BETA AND GAMMA, TOTAL OF 6)
5. RELOCATE (3) ANTENNAS IN POSITION 3 (SECTORS ALPHA, BETA AND GAMMA, TOTAL OF 3)
6. RELOCATE (4) RRU'S IN (SECTORS ALPHA, BETA & GAMMA, TOTAL OF 12)
7. ADD (1) NEW PLATFORM MOUNT
8. RELOCATE (3) LTE 700, LTE AWS, 5G AWS ANTENNAS IN POSITION 2 (SECTORS ALPHA, BETA AND GAMMA)
9. ADD (3) 5G CBAND AND (3) 5G DoD ANTENNAS IN POSITION 3 (SECTORS ALPHA, BETA AND GAMMA)
10. ADD (3) LTE 700/1900/WCS, 5G 850/5G 1900 IN POSITION 4 (SECTORS ALPHA, BETA AND GAMMA)
11. SWAP (2) DC6

CONTACTS

APPLICANT
 AT&T MOBILITY
 550 COCHITUATE ROAD
 SUITES 13 & 14
 FRAMINGHAM, MA 01701

TOWER OWNER
 AMERICAN TOWER CORP
 10 PRESIDENTIAL WAY
 WOBURN, MA 01801
 ATC SITE NAME: WESTPORT SOUTH
 ATC SITE NUMBER: 302511

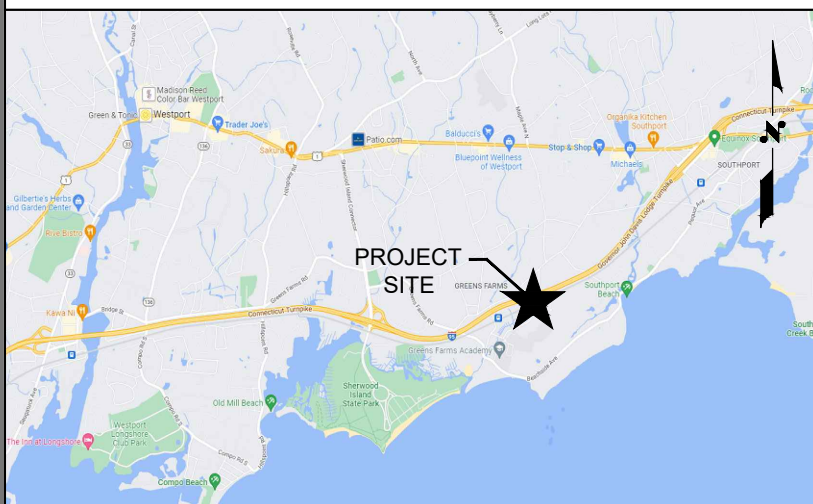
PROFESSIONAL OF RECORD
 ROBERT JERRY LARA
 REGISTERED ARCHITECT
 MORRISON HERSHFIELD CORP
 PHONE: (954) 577-4655

PROPERTY OWNER
 SHERWOOD JAY
 P O BOX 48
 WESTPORT, CT 06881

INDEX OF DRAWINGS

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VICINITY MAP



PROPERTY SUMMARY

FOLIO #: H06017000
 LATITUDE: 41.1234361° N
 LONGITUDE: -73.3130550° W
 GROUND ELEVATION: 15' AMSL
 TOWER HEIGHT: 142'
 AT&T'S RAD. CENTER: 131'
 JURISDICTION: TOWN OF WESTPORT, CT

UTILITY COMPANIES

POWER COMPANY: EVERSOURCE
 PHONE: (866) 554-6025

TELEPHONE COMPANY: N/A
 PHONE: N/A

APPLICABLE CODES

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT CONDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

1. ANSI/TIA-222-H/2018 CONNECTICUT STATE BUILDING CODE
 WIND DESIGN CRITERIA:
 BASIC WIND SPEED = 118 MPH Vult (3-SECOND GUST)
 RISK CATEGORY = II
 EXPOSURE = C
2. 2015 INTERNATIONAL BUILDING CODE WITH AMENDMENTS
3. 2015 INTERNATIONAL PLUMBING CODE WITH AMENDMENTS
4. 2015 INTERNATIONAL MECHANICAL CODE WITH AMENDMENTS
5. 2017 NFPA 70, NATIONAL ELECTRICAL CODE WITH AMENDMENTS
6. TOWN AND/OR COUNTY ORDINANCES

APPROVALS

PROPERTY OWNER _____
 RF ENGINEER _____
 CONSTRUCTION _____
 SITE ACQUISITION _____
 ZONING _____
 NETWORK _____
 OPERATIONS _____
 CONTRACTOR _____

RF DESIGN VERIFICATION

DESIGN BASED ON RFDS ID 4371214 REV 2.0 UPDATED 1/18/2022. CONTRACTOR SHALL REQUEST CURRENT RFDS AND CURRENT WORKBOOK FROM AT&T'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION

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ARCHITECTURAL GENERAL NOTES

ELECTRICAL GENERAL NOTES

COMPOUND NOTES

- WORK SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, AND REGULATIONS. ALL NECESSARY LICENSES, CERTIFICATES, ETC., REQUIRED BY AUTHORITY HAVING JURISDICTION SHALL BE PROCURED AND PAID FOR BY THE CONTRACTOR.
- THE GENERAL CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING DIMENSIONS AND CONDITIONS AT THE JOB SITE WHICH COULD AFFECT THE WORK UNDER THIS CONTRACT. ALL MANUFACTURERS RECOMMENDED SPECIFICATIONS, EXCEPT THOSE SPECIFICATIONS HEREIN, WHERE MOST STRINGENT SHALL BE COMPLIED WITH.
- THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN THE LOCATIONS OF ANY AND ALL MECHANICAL, ELECTRICAL, PLUMBING, OR STRUCTURAL ELEMENTS, AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE ARE MET. NOTIFY THE CONSULTANT OF ANY CONFLICTS. THE CONSULTANT HAS THE RIGHT TO MAKE MINOR MODIFICATIONS IN THE DESIGN OF THE CONTRACT WITHOUT THE CONTRACTOR GETTING ADDITIONAL COMPENSATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEAN UP OF ALL TRADES AND REMOVE ALL DEBRIS FROM THE CONSTRUCTION SITE. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE BUILDING, SITE, AND ANY OTHER SURROUNDING AREAS TO A BETTER THAN NEW CONDITION.
- THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, ETC. ACCORDING TO APPLICABLE CODES, STANDARDS, AND GOOD CONSTRUCTION PRACTICES.
- WHERE ONE DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS, EVEN THOUGH NOT SPECIFICALLY MARKED ON THE DRAWINGS OR REFERRED TO IN THE SPECIFICATIONS, UNLESS NOTED OTHERWISE.
- WHERE NEW PAVING, CONCRETE SIDEWALKS OR PATHS MEET EXISTING CONSTRUCTION, THE CONTRACTOR SHALL MATCH THE EXISTING PITCH, GRADE, AND ELEVATION SO THE ENTIRE STRUCTURE SHALL HAVE A SMOOTH TRANSITION.
- THE GENERAL CONTRACTOR SHALL OBTAIN WRITTEN CONFIRMATION OF THE EXPECTED DATE OF COMPLETION OF THE POWER CONNECTION FROM THE POWER COMPANY.
- IF THE POWER COMPANY IS UNABLE TO PROVIDE THE POWER CONNECTION BY OWNER'S REQUIRED DATE, THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY GENERATOR UNTIL THE POWER COMPANY CONNECTION IS COMPLETED. COSTS ASSOCIATED WITH THE TEMPORARY GENERATOR TO BE APPROVED BY THE OWNER.
- PLANS PART OF THIS SET ARE COMPLEMENTARY. INFORMATION IS NOT LIMITED TO ONE PLAN. DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT, WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED BY THE OWNER ON OTHER PROJECTS OR EXTENSION TO THIS PROJECT EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO MORRISON HERSHFIELD. THESE PLANS WERE PREPARED TO BE SUBMITTED TO GOVERNMENTAL BUILDING AUTHORITIES FOR REVIEW FOR COMPLIANCE WITH APPLICABLE CODES AND IT IS THE SOLE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO BUILD ACCORDING TO APPLICABLE BUILDING CODES.
- IF CONTRACTOR OR SUB-CONTRACTOR FIND IT NECESSARY TO DEVIATE FROM ORIGINAL APPROVED PLANS, THEN IT IS THE CONTRACTOR'S AND THE SUB-CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE ARCHITECT WITH 4 COPIES OF THE PROPOSED CHANGES FOR HIS APPROVAL BEFORE PROCEEDING WITH THE WORK. IN ADDITION THE CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROCURING ALL NECESSARY APPROVALS FROM THE BUILDING AUTHORITIES FOR THE PROPOSED CHANGES BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROCURING ALL NECESSARY INSPECTIONS AND APPROVALS FROM BUILDING AUTHORITIES DURING THE EXECUTION OF THE WORK.
- IN EVERY EVENT, THESE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS SHALL BE INTERPRETED TO BE A MINIMUM ACCEPTABLE MEANS OF CONSTRUCTION BUT THIS SHALL NOT RELIEVE THE CONTRACTOR, SUB-CONTRACTOR, AND/OR SUPPLIER/MANUFACTURER FROM PROVIDING A COMPLETE AND CORRECT JOB WHEN ADDITIONAL ITEMS ARE REQUIRED TO THE MINIMUM SPECIFICATION. IF ANY ITEMS NEED TO EXCEED THESE MINIMUM SPECIFICATIONS TO PROVIDE A COMPLETE, ADEQUATE AND SAFE WORKING CONDITION, THEN IT SHALL BE THE DEEMED AND UNDERSTOOD TO BE INCLUDED IN THE DRAWINGS. FOR EXAMPLE, IF AN ITEM AND/OR PIECE OF EQUIPMENT REQUIRES A LARGER WIRE SIZE (I.E. ELECTRICAL WIRE), STRONGER OR LARGER PIPING, INCREASED QUANTITY (I.E. STRUCTURAL ELEMENTS), REDUCED SPACING, AND/OR INCREASED LENGTH (I.E. BOLT LENGTHS, BAR LENGTHS) THEN IT SHALL BE DEEMED AND UNDERSTOOD TO BE INCLUDED IN THE BID/PROPOSAL. THESE DOCUMENTS ARE MEANT AS A GUIDE AND ALL ITEMS REASONABLY INFERRED SHALL BE DEEMED TO BE INCLUDED.
- THESE CONTRACT DOCUMENTS AND SPECIFICATIONS SHALL NOT BE CONSTRUED TO CREATE A CONTRACTUAL RELATIONSHIP OF ANY KIND BETWEEN THE ARCHITECT AND THE CONTRACTOR.

- A. GENERAL**
- EXAMINE THE SITE CONDITIONS VERY CAREFULLY AND THE SCOPE OF PROPOSED WORK TOGETHER WITH THE WORK OF ALL OTHER TRADES AND INCLUDE IN THE BID PRICE ALL COSTS FOR WORK SUCH AS EQUIPMENT AND WIRING MADE NECESSARY TO ACCOMMODATE THE ELECTRICAL SYSTEMS SHOWN AND SYSTEMS OF OTHER TRADES.
 - OBTAIN ALL PERMITS, PAY ASSOCIATED FEES AND SCHEDULE INSPECTION.
 - PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, INSURANCE, AND SERVICES TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND PRESENT IT AS FULLY OPERATIONAL TO THE SATISFACTION OF AT&T & LAND/TOWER OWNER
 - PRIOR TO BEGINNING WORK COORDINATE ALL POWER AND TELCO WORK WITH THE LOCAL UTILITY COMPANY AS IT MAY APPLY TO THIS SITE. ALL WORK TO COMPLY WITH THE RULES AND REGULATIONS OF THE UTILITIES INVOLVED GENERAL CONTRACTOR IS RESPONSIBLE FOR VED. REQUESTING CONNECTION OF COMMERCIAL POWER FROM THE POWER COMPANY. ELECTRICAL CONTRACTOR SHALL COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR.
 - FABRICATION AND INSTALLATION OF THE COMPLETE ELECTRICAL SYSTEM SHALL BE DONE IN A FIRST CLASS WORKMANSHIP PER NECA STANDARD 1-2000 BY QUALIFIED PERSONNEL EXPERIENCED IN SUCH WORK AND SHALL SCHEDULE THE WORK IN AN ORDERLY MANNER SO AS NOT TO IMPEDE PROGRESS OF THE PROJECT.
- B. BASIC MATERIALS AND METHODS**
- ALL ELECTRICAL WORK SHALL CONFORM TO THE EDITION OF THE NEC ACCEPTED BY THE LOCAL JURISDICTION AND TO THE APPLICABLE LOCAL CODES AND REGULATIONS.
 - ARRANGE CONDUIT, WIRING, EQUIPMENT, AND OTHER WORK GENERALLY AS SHOWN, PROVIDING PROPER CLEARANCES AND ACCESS. CAREFULLY EXAMINE ALL CONTRACT DRAWINGS AND FIT THE WORK IN EACH LOCATION WITHOUT SUBSTANTIAL ALTERATION. WHERE DEPARTURES ARE PROPOSED BECAUSE OF FIELD CONDITIONS OR OTHER CAUSES, PREPARE AND SUBMIT DETAILED DRAWINGS FOR ACCEPTANCE.
 - THE CONTRACT DRAWINGS ARE GENERALLY DIAGRAMMATIC AND ALL OFFSETS, BENDS, FITTINGS AND ACCESSORIES ARE NOT NECESSARILY SHOWN. PROVIDE ALL SUCH ITEMS AS MAY BE REQUIRED TO FIT THE WORK TO THE CONDITIONS.
 - SEAL AROUND CONDUITS AND AROUND CONDUCTORS WITHIN CONDUITS ENTERING THE MODULAR CABINETS WHERE PENETRATION OCCURS WITH A SILICONE SEALANT TO PREVENT MOISTURE PENETRATION INTO BUILDING.
- C. CONDUCTORS AND CONNECTORS**
- UNLESS NOTED OTHERWISE, ALL CONDUCTORS SHALL BE COPPER, MINIMUM SIZE #12 AWG, WITH THERMOPLASTIC INSULATION CONFORMING TO NEMA WC5 OR CROSS-LINKED POLYETHYLENE INSULATION CONFORMING TO NEMA WC7. (TYPES THHN). INSULATION SHALL BE RATED FOR 90 DEG. CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH NEC.
 - CONDUCTOR LENGTHS SHALL BE CONTINUOUS FROM TERMINATION TO TERMINATION WITHOUT SPLICES. SPLICES ARE NOT ACCEPTABLE. IF SPLICES ARE UNAVOIDABLE PRIOR APPROVAL FROM THE ENGINEER MUST BE OBTAINED.
- D. GROUNDING**
- ALL LIGHTNING PROTECTION GROUNDING OF THE ELECTRICAL EQUIPMENT SHALL BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT NFPA STANDARDS.
 - ALL GROUND LUG AND COMPRESSION CONNECTIONS SHALL BE COATED WITH ANTI-OXIDANT AGENT, SUCH AS NO-OX, NOALOX, PENETROX OR KOPRSIELD.
 - ALL EXTERIOR GROUNDING CONDUCTORS INCLUDING EXTERIOR GROUND RING SHALL BE #2 AWG SOLID BARE TINNED COPPER. MAKE ALL GROUND CONNECTIONS AS SHORT AND DIRECT AS POSSIBLE. AVOID SHARP BENDS. THE RADIUS OF ANY BEND SHALL NOT BE LESS THAN 8" AND THE ANGLE OF ANY BEND SHALL NOT EXCEED 90°. GROUNDING CONDUCTORS SHALL BE ROUTED DOWNWARD TOWARD THE BURIED GROUND RING.
 - REPAIR ALL GALVANIZED SURFACES THAT HAVE BEEN DAMAGED BY THERMO-WELDING WITH ERICO T-319 GALVANIZING BAR.
 - ALL EXTERNAL GROUND CONNECTIONS SHALL BE EXOTHERMICALLY WELDED. ALL EXOTHERMIC WELDS TO EXTERIOR GROUND RING SHALL BE THE PARALLEL TYPE, EXCEPT FOR THE GROUND RODS WHICH ARE TEE EXOTHERMIC WELDS. REPAIR ALL GALVANIZED SURFACES THAT HAVE BEEN DAMAGED BY EXOTHERMIC WELDING. USE SPRAY GALVANIZER SUCH AS HOLUB LECTROSOL #15-501.

- THE MINIMUM LOWEST FIRST FLOOR ELEVATION SHALL NOT BE LESS THAN 4" ABOVE CROWN OF ROAD OR THE FEDERAL AND/OR COUNTY FLOOD CRITERIA ELEVATION, WHICHEVER IS HIGHER. CONTRACTOR SHALL SUBMIT AN ELEVATION CERTIFICATE (IF REQUIRE BY THE JURISDICTION) UPON COMPLETION OF PROJECT.
- WORK OUTSIDE OF THE PROPERTY LINE INCLUDED IN THIS SET OF DRAWINGS SHALL BE, BUT NOT LIMITED TO, DRIVEWAYS, SODDING TO ASPHALT LINE AND UTILITY CONNECTIONS.
- EXISTING TREES WITHIN CONSTRUCTION FOOTPRINT SHALL BE SWAPPED AND PROPERLY DISPOSED OF. CONTRACTOR SHALL PROCURE PERMIT PRIOR TO REMOVAL.
- CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY ALL UTILITY SERVICE CONNECTION LOCATIONS PRIOR TO SUBMITTING BID AND PROCEEDING WITH WORK. IT IS RECOMMENDED THAT THE CONTRACTOR VISIT THE SITE AND VERIFY ALL DIMENSIONS AND NOTES BEFORE SUBMITTING BID AND PROCEEDING WITH WORK.
- SOIL AT THIS SITE IS UNDISTURBED ROCK AND SAND ADEQUATE OF SUPPORTING THE DESIGN LOAD OF 2000 P.S.F. IF OTHER CONDITIONS ARE ENCOUNTERED, NOTIFY MORRISON HERSHFIELD BEFORE PROCEEDING WITH WORK. THIS VALUE IS CONSIDERED SAFE WITH RESPECT TO ACTUAL FAILURE OF THE SUPPORTING GROUND, BUT DOES NOT NECESSARILY ENSURE THE PREVENTION OF EXCESSIVE FOUNDATION MOVEMENTS.
- BURY PHONE, AND ELECTRIC SERVICE NO LESS THAN 24" BELOW FINISH GRADE WITH 1'-0" RADIUS SAND BACKFILL AROUND PIPES. COORDINATE W/ ELECTRICAL DRAWINGS.
- IN ORDER TO AVOID ANY CONFLICTS, CONTRACTOR SHALL COORDINATE ALL HIS PRACTICAL TRADES.
- THE POWER CABINET MUST BE CLEAR OF FLAMMABLE MATERIAL WITHIN 12 INCHES OF THE CABINET, INCLUDING ABOVE THE CABINET.
- EXHAUST OUTLETS MUST BE LOCATED AT LEAST 10 FEET FROM ANY HVAC AIR INTAKES, WINDOWS, DOORS, AND OTHER OPENINGS INTO A BUILDING - COORDINATE IN FIELD.
- THE POWER CABINET MUST BE MOUNTED ON THE FOUNDATION TO ALLOW WATER TO DRAIN FROM THE DRAIN OUTLET AND AWAY FROM THE CABINET.
- TO ENSURE SERVICEABLE ABILITY, THE DOORS OF CABINETS WILL REQUIRE AN OPENING RADIUS OF 36 INCHES OF CLEARANCE FROM THE CLOSED POSITION TO THE OPEN POSITION.

IMPORTANT NOTICE

SITE GENERAL NOTES

THE EXISTING CONDITIONS REPRESENTED HEREIN ARE BASED ON VISUAL OBSERVATIONS AND INFORMATION PROVIDED BY OTHERS. MORRISON HERSHFIELD CORPORATION CANNOT GUARANTEE THE CORRECTNESS NOR COMPLETENESS OF THE EXISTING CONDITIONS SHOWN AND ASSUMES NO RESPONSIBILITY THEREOF. CONTRACTOR AND HIS SUB-CONTRACTORS SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AS REQUIRED FOR PROPER EXECUTION OF PROJECT. REPORT ANY CONFLICTS OR DISCREPANCIES TO THE CONSULTANT PRIOR TO CONSTRUCTION.

- RESTORE EXISTING ASPHALT AND/OR CONCRETE COMPOUND TO IT'S ORIGINAL CONDITION
- CONTRACTOR SHALL DETECT AND MARK ANY UNDERGROUND LINES, PIPING, PRIOR TO START OF EXCAVATION

PROJECT INFORMATION

- THIS IS AN UNMANNED AND RESTRICTED ACCESS EQUIPMENT AND WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.
- THIS FACILITY WILL CONSUME NO UNRECOVERABLE ENERGY AND IS EXEMPT FROM THE FLORIDA ENERGY REVIEW CODE.
- NO POTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION.
- NO WASTE WATER WILL BE GENERATED AT THIS LOCATION.
- NO SOLID WASTE WILL BE GENERATED AT THIS LOCATION.
- AT&T MAINTENANCE CREW (TYPICALLY ONE PERSON) WILL MAKE AN AVERAGE OF ONE TRIP PER MONTH AT ONE HOUR PER VISIT.
- THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(a) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR REVIEW UNDER 47 U.S.C. § 1.61000(B)(7)

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No.	Date	Action



Project:

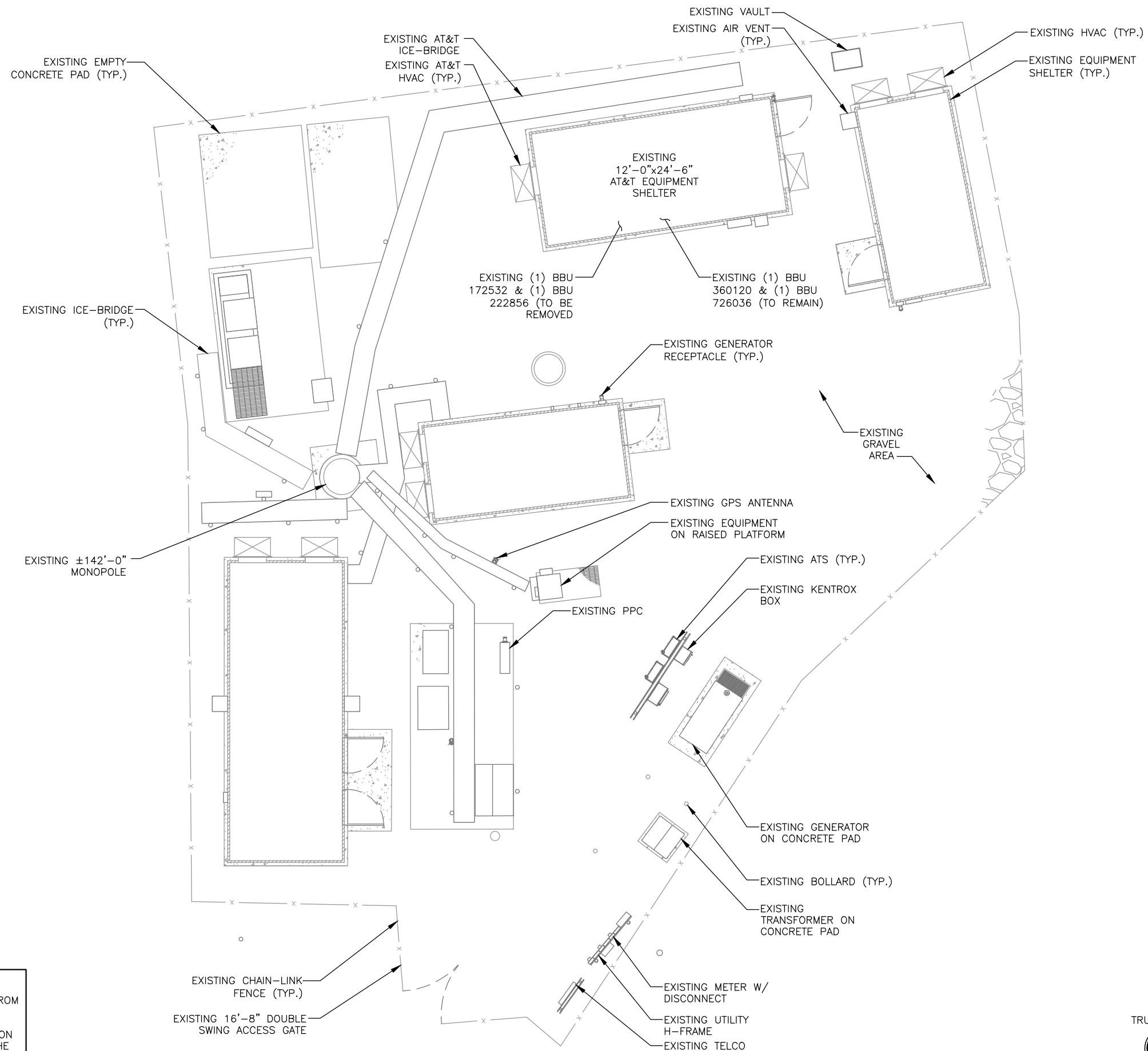
**WESTPORT SOUTH
FA#10035073**
19-20 POST OFFICE LANE
WESTPORT, CT 06880

Drawing Title:

GENERAL NOTES

Project No.: 220000100	
Designer: RBM	Date: 04/04/22
Drawn By: NY	Checked By: RBM
PM Review: AC	Client Approval
Issue No.:	Drawing No.
A	G-1

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NOTE:
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A	04/11/22	PRELIMINARY CDs

Plans Prepared For:



Plans Prepared By:

MORRISON HERSHFIELD
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 www.morrisonhershfield.com

Project:

WESTPORT SOUTH
 FA#10035073
 19-20 POST OFFICE LANE
 WESTPORT, CT 06880

Drawing Title:

COMPOUND PLAN

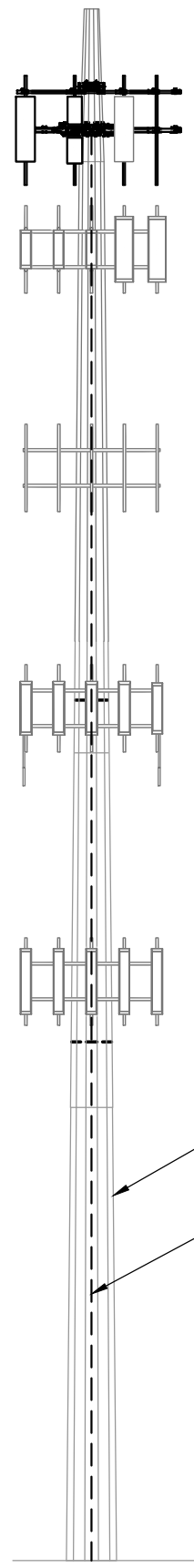
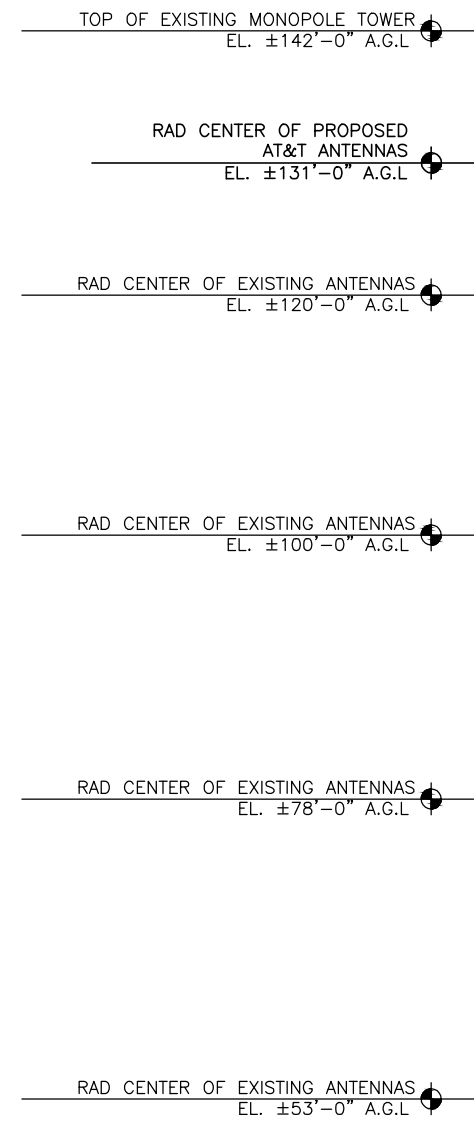
Project No.: 220000100	
Designer: RBM	Date: 04/04/22
Drawn By: NY	Checked By: RBM
PM Review: AC	Client Approval
Issue No.: A	Drawing No.: A-1

COMPOUND PLAN

24"x36" SCALE: 3/16" = 1'-0"
 11"x17" SCALE: 3/32" = 1'-0"



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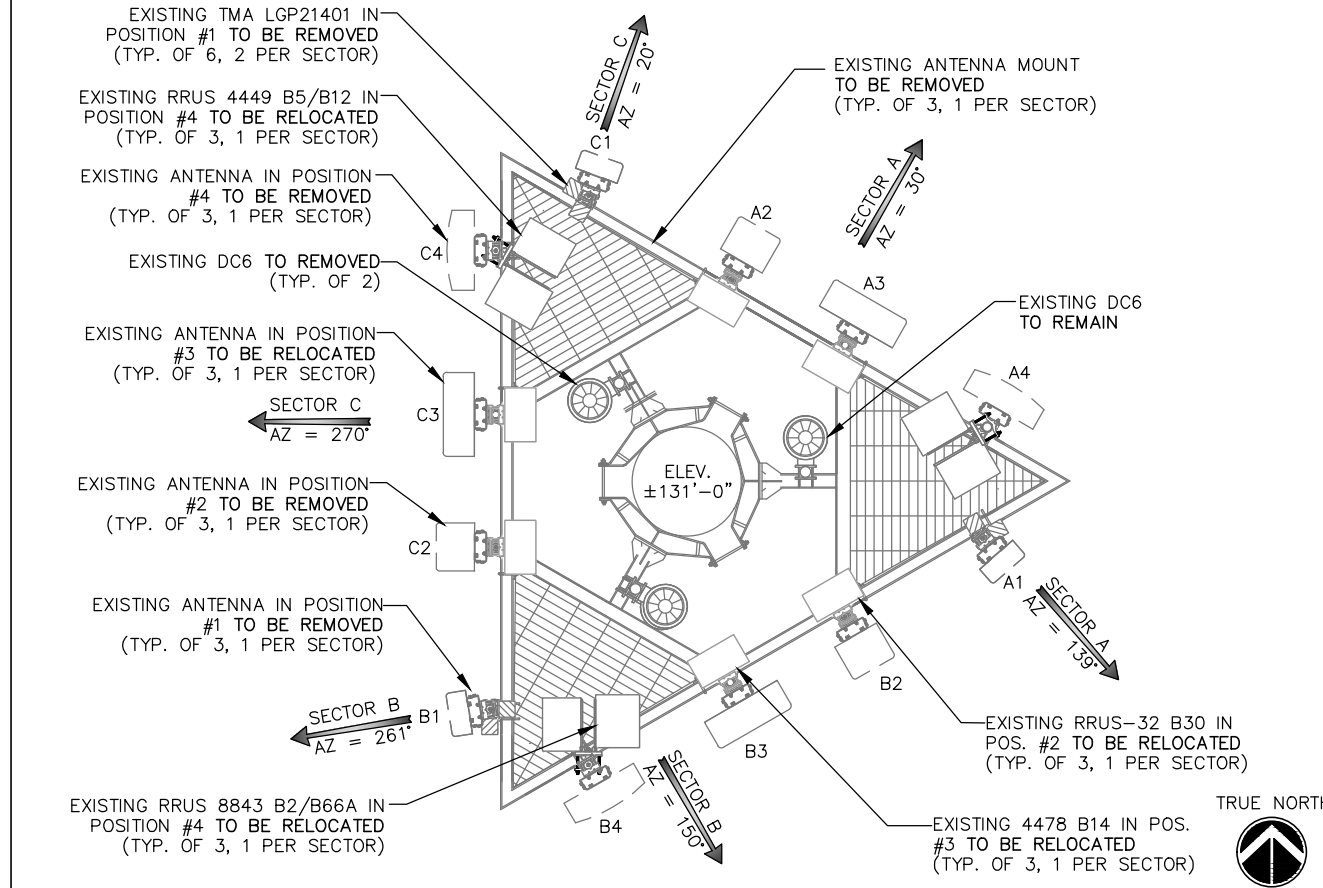
NOTE:
NO WORK SHALL COMMENCE WITHOUT THE APPROVED TOWER/ANTENNA MOUNT STRUCTURAL ANALYSIS REPORT SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER UNDER SEPARATE COVER. IF REQUIRED, THE CONTRACTOR SHALL MODIFY TOWER AND/OR ANTENNA MOUNTS AS INDICATED IN THE ABOVE MENTIONED STRUCTURAL REPORT OR ASSOCIATED MODIFICATION DESIGN DRAWINGS.

NOTE:
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GROUND LEVEL
EL. 0'-0" A.G.L.

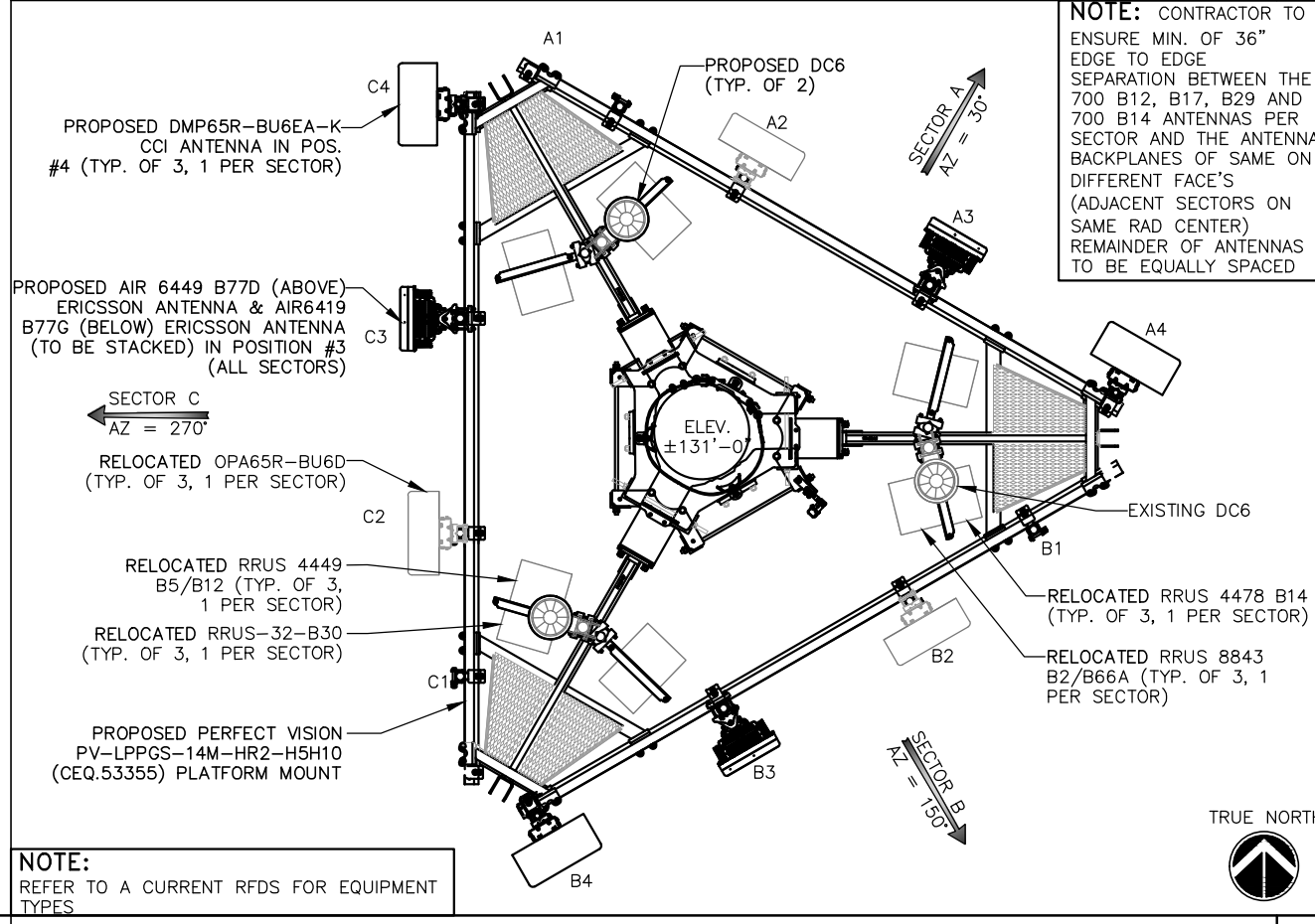
24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"

TOWER ELEVATION



EXISTING ANTENNA LAYOUT

24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"



PROPOSED ANTENNA LAYOUT

24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

NOTE:
REFER TO A CURRENT RFDS FOR EQUIPMENT TYPES

NOTE: CONTRACTOR TO ENSURE MIN. OF 36" EDGE TO EDGE SEPARATION BETWEEN THE 700 B12, B17, B29 AND 700 B14 ANTENNAS PER SECTOR AND THE ANTENNA BACKPLANES OF SAME ON DIFFERENT FACE'S (ADJACENT SECTORS ON SAME RAD CENTER) REMAINDER OF ANTENNAS TO BE EQUALLY SPACED

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No.	Date	Action
A	04/11/22	PRELIMINARY CDs

Plans Prepared For:

AMERICAN TOWER

Applicant:

at&t
Your world. Delivered.

Plans Prepared By:

MORRISON HERSHFIELD
Two South University Drive, Suite 245,
Plantation, FL 33324
Tel: 954.577.4655 Fax: 954.577.4656
www.morrisonhershfield.com

Project:

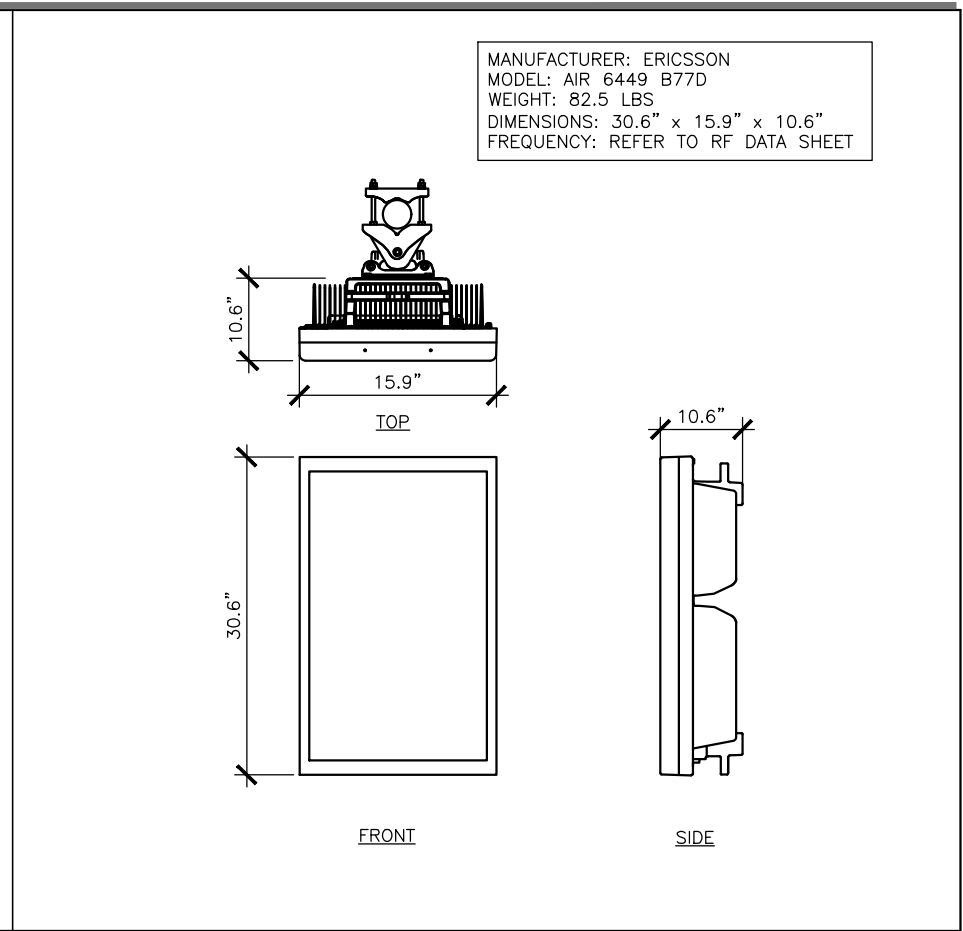
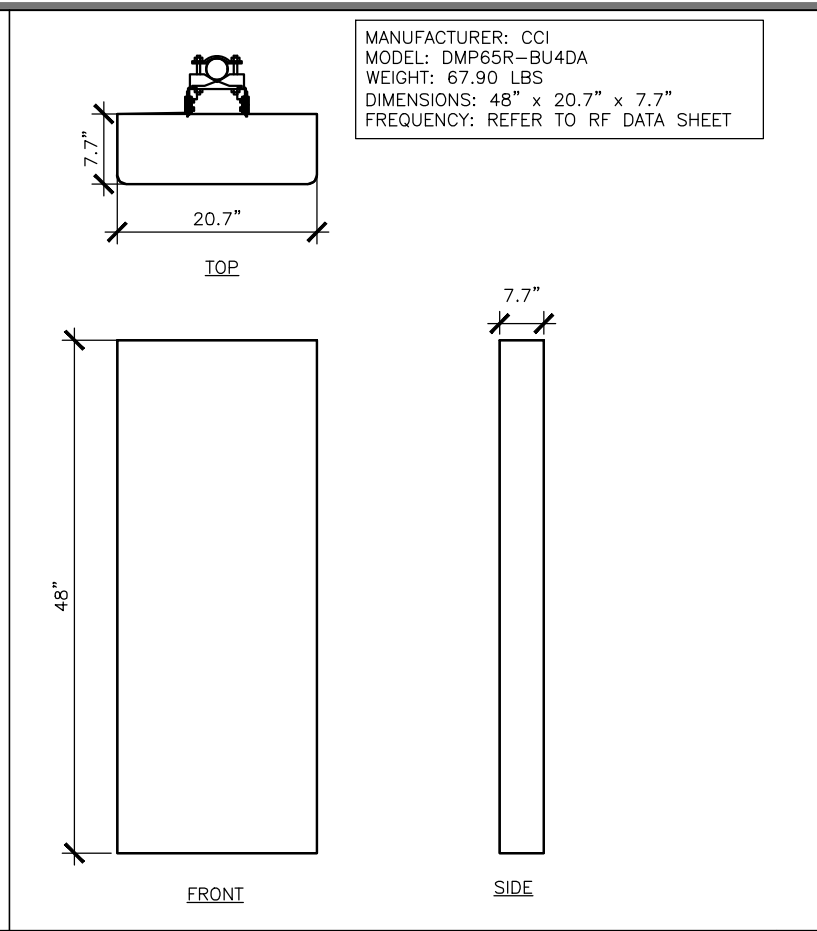
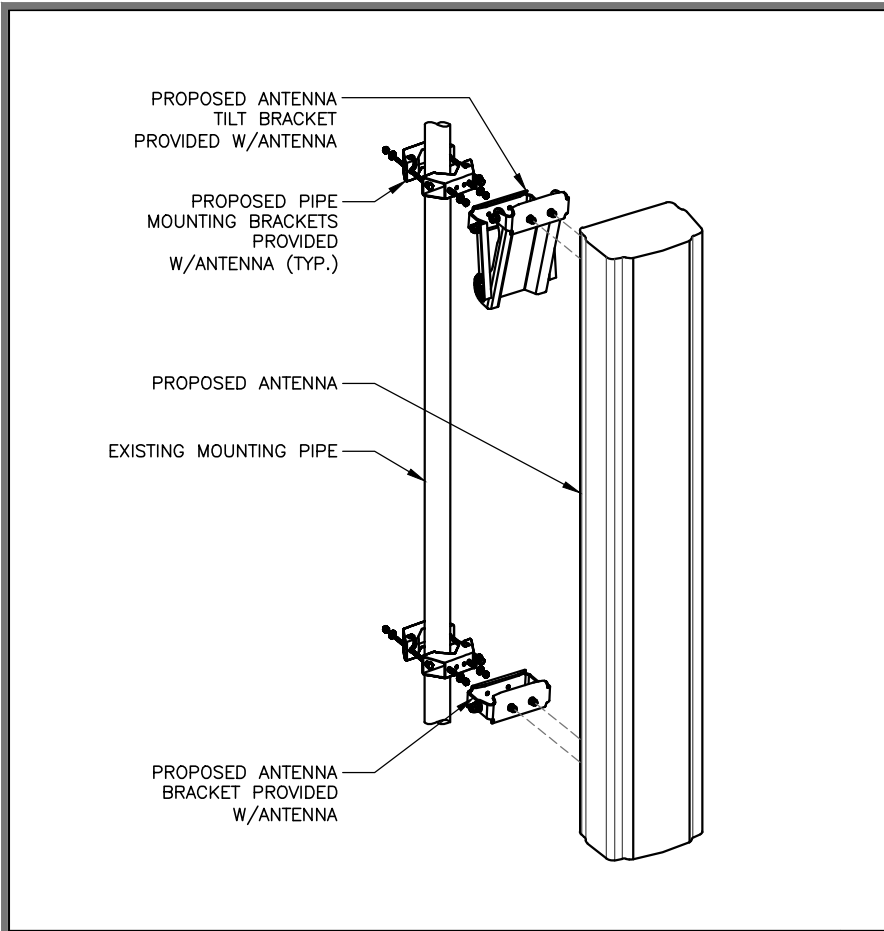
WESTPORT SOUTH
FA#10035073
19-20 POST OFFICE LANE
WESTPORT, CT 06880

Drawing Title:
TOWER ELEVATION & ANTENNA PLANS

Project No.: 220000100	Designer: RBM	Date: 04/04/22
Drawn By: NY	PM Review: AC	Checked By: RBM
Issue No.: A	Drawing No.: A-2	Client Approval:

SCALE IS BASE ON 22" X 34" D" SIZE

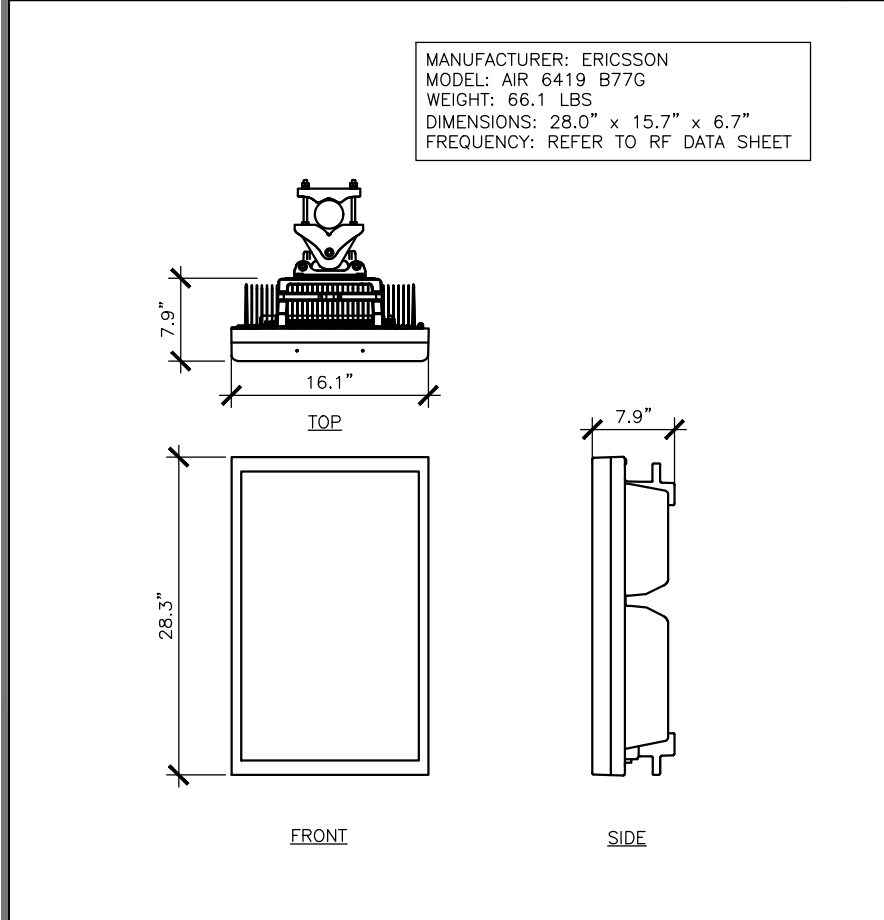
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ANTENNA MOUNTING DETAIL NTS 1

ANTENNA (DMP65R-BU6EA-K) SPECS NTS 2

ANTENNA (AIR 6449 B77D) SPECS NTS 3



RSS PART # D218RRUDSM

ITEM	PART NO.	DESCRIPTION	QTY.	WEIGHT
1	RRUDSM.01	MOUNTING ARM	2	8.92 LBS
2	RRUDSM.02	CLAMP PLATE	2	2.33 LBS
3	RRUDSM.03	SWIVEL MOUNT	2	6.60 LBS
4	GD03800	3/8"-16 UNCx8" GALV. THREADED BOLT	8	0.25 LBS
5	GWL-03	3/8" GALV LOCK WASHER	20	0.01 LBS
6	GN-03	3/8"-16 UNC GALV HEX NUT	28	0.02 LBS
7	GB-03505	3/8"x5" GALV BOLT	4	0.18 LBS
8	SWF03	3/8" SS FLAT WASHER	8	0.01 LBS
9	SWL-03	3/8" SS LOCK WASHER	8	0.01 LBS

Ø2.38" - 4.50" PIPE RANGE
ANGLE MOUNT UP TO 3.0"x3.0"

DETAIL A

FLIP BRACKET IN ORDER TO MOUNT TO 1.5" SMALLER DIAMETER SOLID RODS

DETAIL A

ANTENNA (AIR 6419 B77G) SPECS NTS 4

ROSENBERGER DUAL RRU MOUNT DETAIL NTS 5

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No.	Date	Action
A	04/11/22	PRELIMINARY CDs

Plans Prepared For:

Applicant:

Plans Prepared By:

Project:

WESTPORT SOUTH
FA#10035073
19-20 POST OFFICE LANE
WESTPORT, CT 06880

Drawing Title:

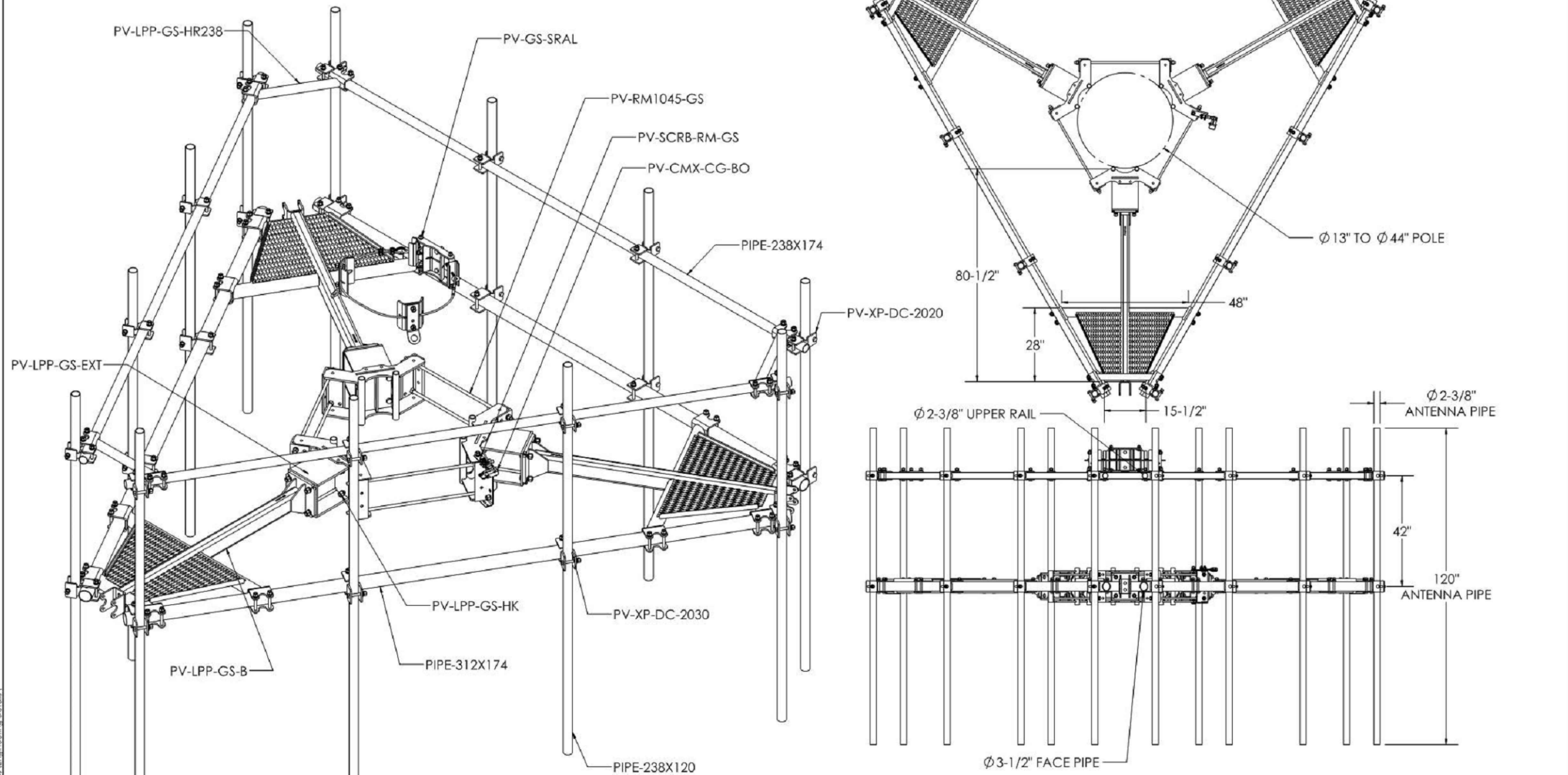
DETAILS

Project No.:	220000100
Designer:	RBM
Date:	04/04/22
Drawn By:	NY
Checked By:	RBM
PM Review:	AC
Client Approval:	
Issue No.:	A
Drawing No.:	A-3

SCALE IS BASE ON 22" x 34" D SIZE

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**PV-LPPGS-14M-HR2-H5H10 - CEQ.53355
MONOPOLE GUARDIAN MOUNT**



SHEET	8/10/2021	SCALE	1:36	CATEGORY	02_Monopole	4			
				SERIES	01_Triangular	3			
				TYPE	PV-LPPGS_GUARDIAN	2	PART NUMBER CHANGE - SWAP TO H5H10	11/18/20	
				BY	DJN	1	PART NUMBER CHANGE - UPDATED AP#	9/25/20	MONOPOLE GUARDIAN MOUNT - ATT
				CHECKED	SJS	0	INITIAL RELEASE	9/11/20	DOCUMENT NUMBER
				STATUS	APPROVED	REV	DESCRIPTION	DATE	LPPGS-ENG-08-R2
									2

DIMENSIONS ARE IN INCHES
TOLERANCES U.N.O.
HOLES: +1/16", -1/32"
ANGULAR: PROFILE ±1/4", BEND ±2"
ALL OTHERS: ±1/16"

PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PERFECTVISION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PERFECTVISION IS PROHIBITED.

No.	Date	Action
A	04/11/22	PRELIMINARY CDs



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 www.morrisonhershfield.com

Project:
 WESTPORT SOUTH
 FA#10035073
 19-20 POST OFFICE LANE
 WESTPORT, CT 06880

Drawing Title:
DETAILS

Project No.:	220000100
Designer:	RBM
Date:	04/04/22
Drawn By:	NY
Checked By:	RBM
PM Review:	AC
Client Approval:	
Issue No.:	A
Drawing No.:	A-4

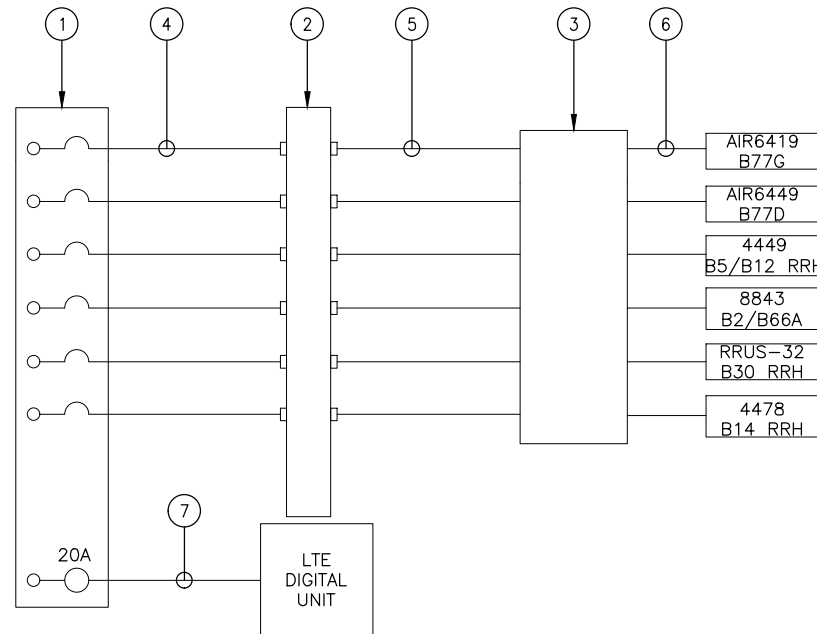
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ANTENNA MOUNT DETAIL

NTS 1

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ERICSSON RRU BREAKER REQUIREMENTS		
ERICSSON RADIO	SIZE BREAKER	TECHNOLOGY
RRUS 32 B66	30 AMP	AWS (2100)
RRUS 32 B30	20 AMP	WCS (2300)
RRUS 32 B2	30 AMP	PCS (1900)
RRUS 11	25 AMP	VARIOUS BANDS (700 [B12], 850 [B5], 1900 [B2], 2100 [B4])
RRUS12 + A2	25 AMP	VARIOUS BANDS (850 [B5], 1900 [B2], 2100 [B4])
RRUS 4415 B25	25 AMP	1900
RRUS 4426 B66	30 AMP	2100
RRUS 4478 B14	25 AMP	700
RRUS 4478 B5	25 AMP	850
RRUS E2 B29	25 AMP	700
RRUS 4449 B5/B12	2x25 AMP	700/850
RRUS 8843 B2/B66	2x30 AMP	1900/2100
RRUS 2203 B5	10 AMP	850
RRUS 2205 B46	10 AMP	5 GHz
AIR6449 B77D	50 AMP	
RRUS 8863	50 AMP	
AIR6419 B77G	50 AMP	

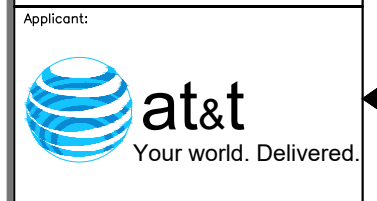


KEYNOTE LEGEND:

1. -48V DC POWER PLANT. CONTRACTOR TO VERIFY CORRECT BREAKER SIZE IS INSTALLED FOR EACH RRU PER CHART.
 2. (1) RACK MOUNTED RAYCAP DC SURGE PROTECTOR.
 3. RAYCAP FIBER AND DC DISTRIBUTION UNIT TOWER/ROOFTOP MOUNTED.
 4. # * AWG SHIELDED CONDUCTORS.
 5. PROVIDE (2) 6-CONDUCTOR # * AWG BUNDLES FOR DC POWER FROM RACK MOUNTED RAYCAP SURGE PROTECTION UNIT TO THE RAYCAP FIBER AND DISTRIBUTION UNIT ON TOWER.
 6. DC CABLE ROUTED TO RRH UNITS.
 7. # * AWG SHIELDED CONDUCTORS.
- * PER AT&T PRACTICE. CONTRACTOR SHALL REQUEST FROM AT&T'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION

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A	04/11/22	PRELIMINARY CDs



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Project:

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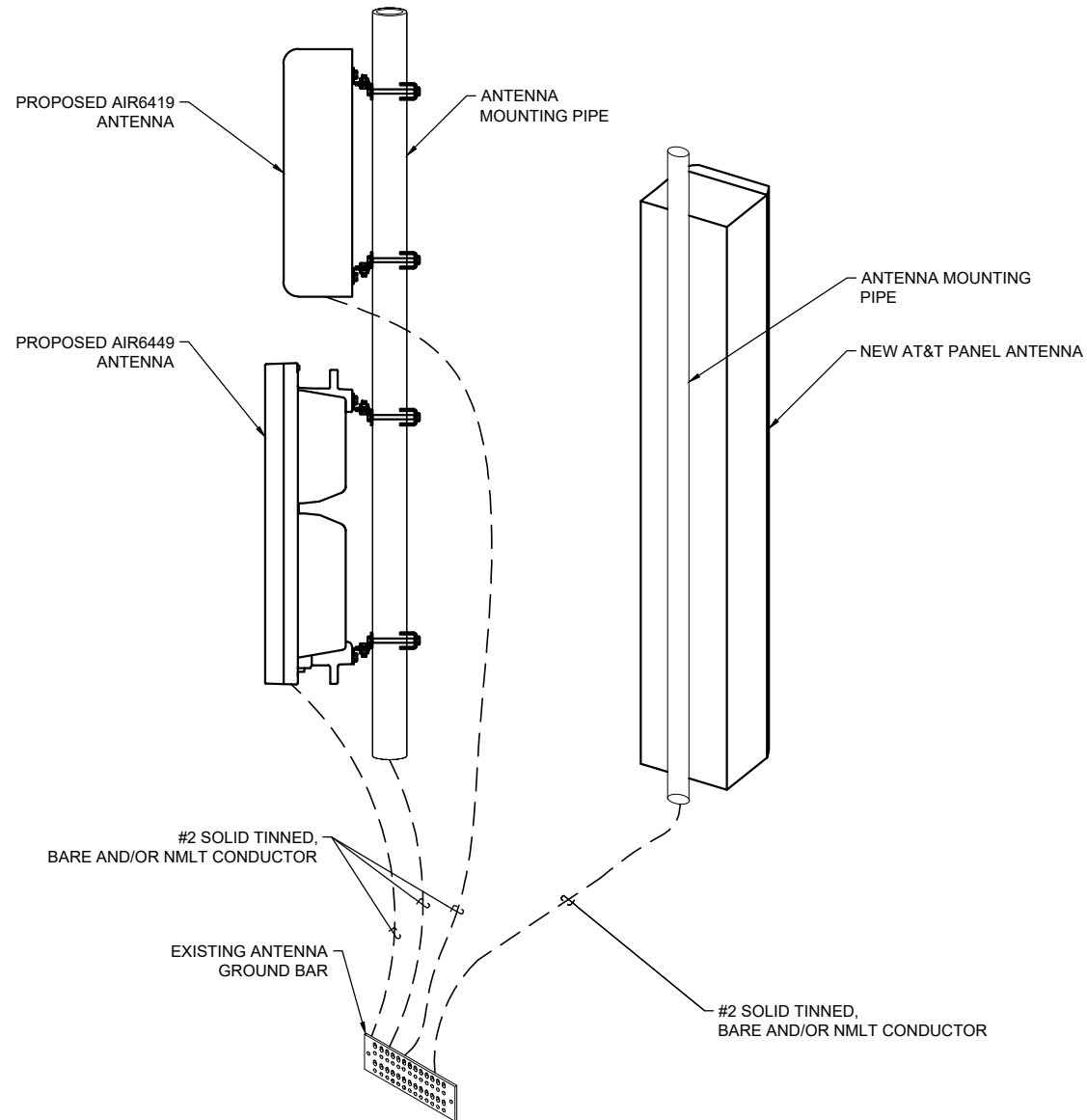
Drawing Title:

BREAKER DETAILS

Project No.: 220000100	
Designer: RBM	Date: 04/04/22
Drawn By: NY	Checked By: RBM
PM Review: AC	Client Approval
Issue No.: A	Drawing No.: E-1

SCALE IS BASE ON 22" X 34" "D" SIZE

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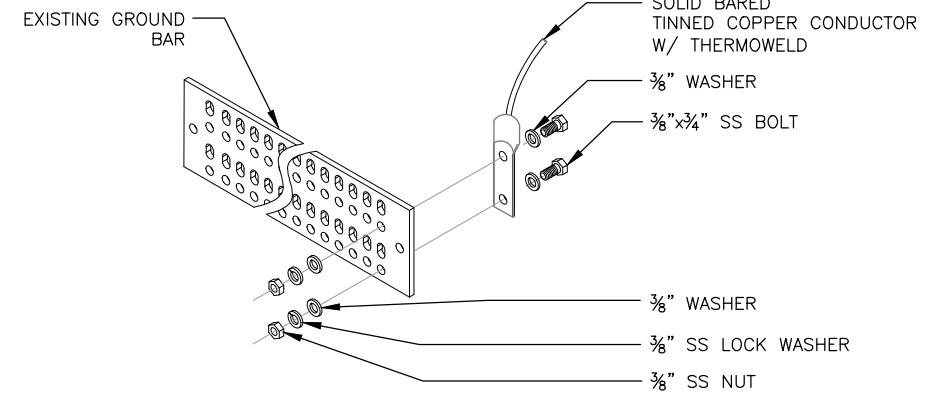


NOTES:

1. CONTRACTOR SHALL REFER TO AT&T GROUNDING AND BONDING PRACTICE TP-76416. ALL EXOTHERMIC CADWELDS SHALL BE PERFORMED BY CERTIFIED TECHNICIAN.
2. PROVIDE WEATHER PROOFING AND GROUNDING KIT TO BOND DC POWER CABLE SHIELD TO EXTERNAL HATCH PLATE GROUND BAR.
3. PROVIDE GROUND CONNECTION FOR DC POWER CABLE SHIELD TO "P" SECTION OF CRGB WITHIN SHELTER.
4. CONTRACTOR SHALL USE THEFT RESISTANT GROUND WIRES AND BARS WHEN FEASIBLE.
5. CONTRACTOR SHALL MAINTAIN A 12" MINIMUM GROUND WIRE BEND RADII.
6. GROUND LUGS, HEATSHRINK AND CLAMPS DEVICES SHALL COMPLY WITH AT&T GROUNDING AND BONDING PRACTICE TP-76416.

ANTENNA GROUNDING SCHEMATIC (TYP.)

NTS 1



NOTES:

1. UTILIZE EXISTING AT&T GROUND BARS AND GROUNDING.
2. ADD GROUND BARS IF THERE ARE INSUFFICIENT LUG POSITIONS.
3. REFERENCE AT&T BONDING & GROUNDING PRACTICE TP76416.

TYPICAL GROUND BAR CONNECTION DETAIL

NTS 2

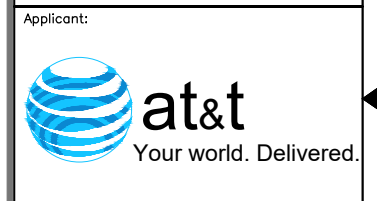
1. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DOCUMENTS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.
2. GUARANTEE/WARRANTY: GUARANTEE INSTALLATION TO BE FREE OF DEFECTS, SHORTS, GROUNDS, ETC., FOR A PERIOD OF ONE YEAR. FURNISH WARRANTY SO THE DEFECTIVE MATERIAL AND/OR WORKMANSHIP WILL BE REPAIRED/REPLACED IMMEDIATELY UPON NOTIFICATION AT NO COST TO THE OWNER FOR PERIOD OF WARRANTY.
3. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
4. ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
5. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
6. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
7. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
8. METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
9. NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
10. CONTRACTOR SHALL REFER TO AT&T GROUNDING AND BONDING PRACTICE TP-76416.

GROUNDING NOTES

3

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No.	Date	Action
A	04/11/22	PRELIMINARY CDs



Plans Prepared By:
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 www.morrisonhershfield.com

Project:
WESTPORT SOUTH
FA#10035073
 19-20 POST OFFICE LANE
 WESTPORT, CT 06880

Drawing Title:
GROUNDING DETAILS

Project No.: 220000100	
Designer: RBM	Date: 04/04/22
Drawn By: NY	Checked By: RBM
PM Review: AC	Client Approval
Issue No.: A	Drawing No.: E-2

SCALE IS BASE ON 22" X 34" "D" SIZE

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EXISTING ANTENNA CONFIGURATION AND SCHEDULE - PER RFDS VERSION 2.0 - DATED 01-18-22											
	CARRIER/SPECTRUM	ANTENNA POSITION	AZIMUTH	RAD CENTER	MODEL	TMA	RRU	OTHER EQUIPMENT	FEEDER JUMPER	FEEDER LENGTH	
SECTOR A	UMTS 850	A1	139°	131'-0"	7770	(2) LGP21903	-	(2) DC6-48-60-18-8F (1) DC6-48-60-0-8C	FIBER	160'	
	LTE WCS	A2	30°	131'-0"	QS66512-2	-	(1) RRUS-32 B30		FIBER	-	
	LTE 1900		LTE 700	A3	30°	131'-0"	OPA65R-BU6DA		-	(1) 4478 B14	FIBER
	LTE 700/AWS/850	A4	30°	131'-0"	800-10965	-	(1) 4449 B5/B12 (1) 8843 B2/B66A		FIBER	-	
	5G 850										
SECTOR B	UMTS 850	B1	261°	131'-0"	7770	(2) LGP21903	-	(2) DC6-48-60-18-8F (1) DC6-48-60-0-8C	FIBER	160'	
	LTE WCS	B2	150°	131'-0"	QS66512-2	-	(1) RRUS-32 B30		FIBER	-	
	LTE 1900		LTE 700	B3	150°	131'-0"	OPA65R-BU6DA		-	(1) 4478 B14	FIBER
	LTE 700/AWS/850	B4	150°	131'-0"	800-10965	-	(1) 4449 B5/B12 (1) 8843 B2/B66A		FIBER	-	
	5G 850										
SECTOR C	UMTS 850	C1	20°	131'-0"	7770	(2) LGP21903	-	(2) DC6-48-60-18-8F (1) DC6-48-60-0-8C	FIBER	160'	
	LTE WCS	C2	270°	131'-0"	QS66512-2	-	(1) RRUS-32 B30		FIBER	-	
	LTE 1900		LTE 700	C3	270°	131'-0"	OPA65R-BU6DA		-	(1) 4478 B14	FIBER
	LTE 700/AWS/850	C4	270°	131'-0"	800-10965	-	(1) 4449 B5/B12 (1) 8843 B2/B66A		FIBER	-	
	5G 850										

PROPOSED ANTENNA CONFIGURATION AND SCHEDULE - PER RFDS VERSION 2.0 - DATED 01-18-22										
	CARRIER/SPECTRUM	ANTENNA POSITION	AZIMUTH	RAD CENTER	MODEL	TMA	RRU	OTHER EQUIPMENT	FEEDER JUMPER	FEEDER LENGTH
SECTOR A	LTE 700/AWS	A2	30°	131'-0"	OPA65R-BU6D	-	(1) 4478 B14 (1) 8843 B2/B66A	(1) DC6-48-60-18	FIBER	-
	5G AWS									
	5G DOD	A3	30°	132'-8"	AIR6419 B77D	-	-	(2) DC6-48-60-18-8C-EV	FIBER	-
	5G CBAND			129'-0"	AIR6449 B77G					
LTE 700/WCS/1900	A4	30°	131'-0"	DMP65R-BU4DA	-	(1) 4449 B5/B12 (1) RRUS-32 B30	-	FIBER	-	
5G 850/5G 1900										
SECTOR B	LTE 700/AWS	B2	150°	131'-0"	OPA65R-BU6D	-	(1) 4478 B14 (1) 8843 B2/B66A	(1) DC6-48-60-18-8C-EV	FIBER	-
	5G AWS									
	5G DOD	B3	150°	132'-8"	AIR6419 B77D	-	-	(2) DC6-48-60-18-8C-EV	FIBER	-
	5G CBAND			129'-0"	AIR6449 B77G					
LTE 700/WCS/1900	B4	150°	131'-0"	DMP65R-BU4DA	-	(1) 4449 B5/B12 (1) RRUS-32 B30	-	FIBER	-	
5G 850/5G 1900										
SECTOR C	LTE 700/AWS	C2	270°	131'-0"	OPA65R-BU6D	-	(1) 4478 B14 (1) 8843 B2/B66A	(1) DC6-48-60-18-8C-EV	FIBER	-
	5G AWS									
	5G DOD	C3	270°	132'-8"	AIR6419 B77D	-	-	(2) DC6-48-60-18-8C-EV	FIBER	-
	5G CBAND			129'-0"	AIR6449 B77G					
LTE 700/WCS/1900	C4	270°	131'-0"	DMP65R-BU4DA	-	(1) 4449 B5/B12 (1) RRUS-32 B30	-	FIBER	-	
5G 850/5G 1900										

NOTE:
REMOVE ALL UNNECESSARY HARDWARE AND TMA'S TO MAKE SPACE FOR PROPOSED RRU'S AND SURGE PROTECTORS.

No.	Date	Action
A	04/11/22	PRELIMINARY CDs



Project:

WESTPORT SOUTH
FA#10035073
19--20 POST OFFICE LANE
WESTPORT, CT 06880

Drawing Title:

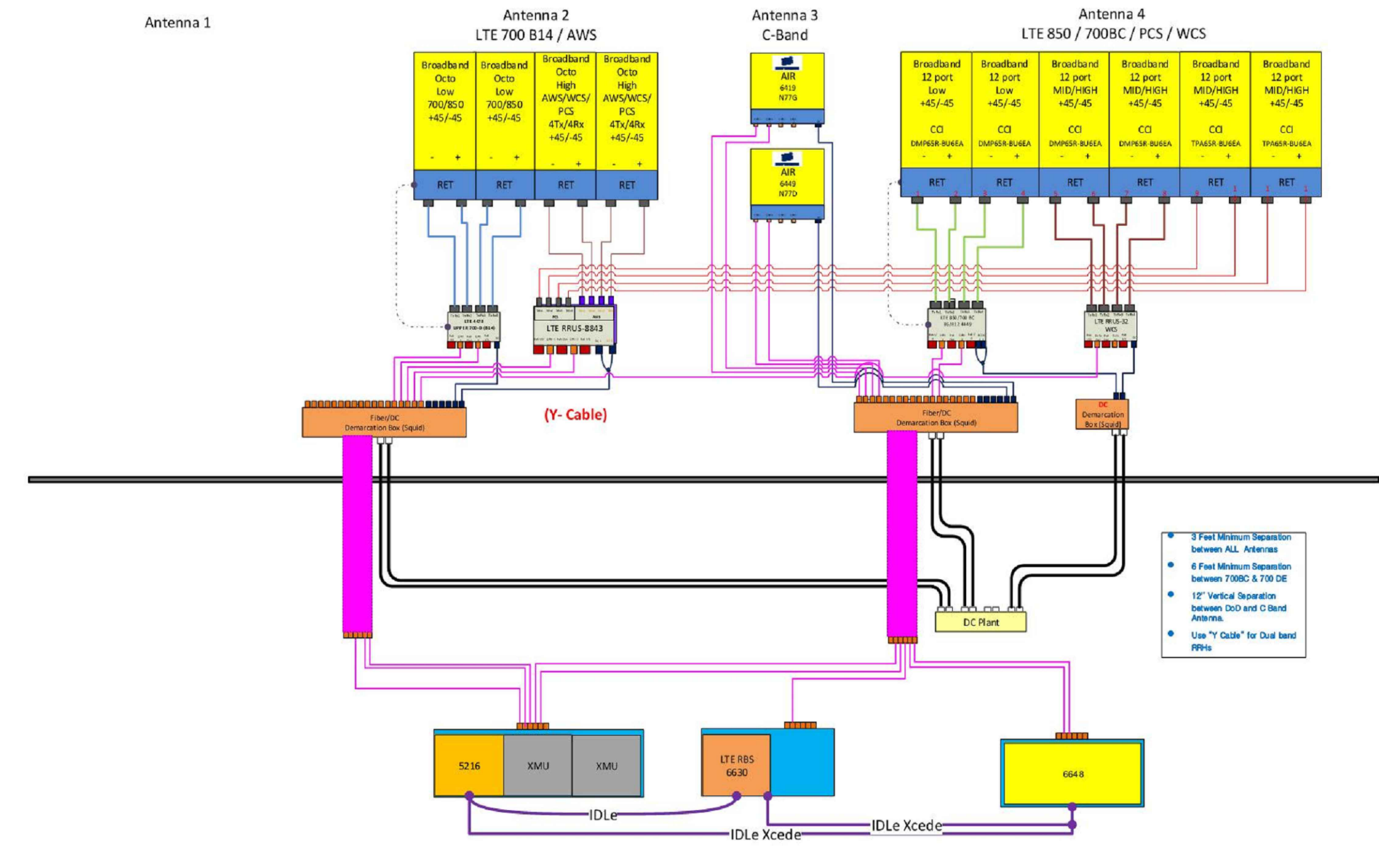
ANTENNA
SCHEDULES

Project No.: 220000100	
Designer: RBM	Date: 04/04/22
Drawn By: NY	Checked By: RBM
PM Review: AC	Client Approval
Issue No.: A	Drawing No.: AN-1

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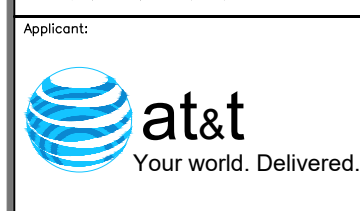
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Diagram - Sector A
 Diagram File Name - CT2103_A_B_C_LTE_6C_CBand_DoD_Rev2.vsd
 Atoll Site Name - CT2103
 Location Name - WESTPORT SOUTH
 Market - CONNECTICUT
 Market Cluster - NEW ENGLAND
 Comments: Important Note: For detailed radio to antenna wiring refer to the latest field notice - Antenna Radio Connection Drawings Playbook v6.0 Ericsson



No.	Date	Action
A	04/11/22	PRELIMINARY CDs

Plans Prepared For:



Plans Prepared By:

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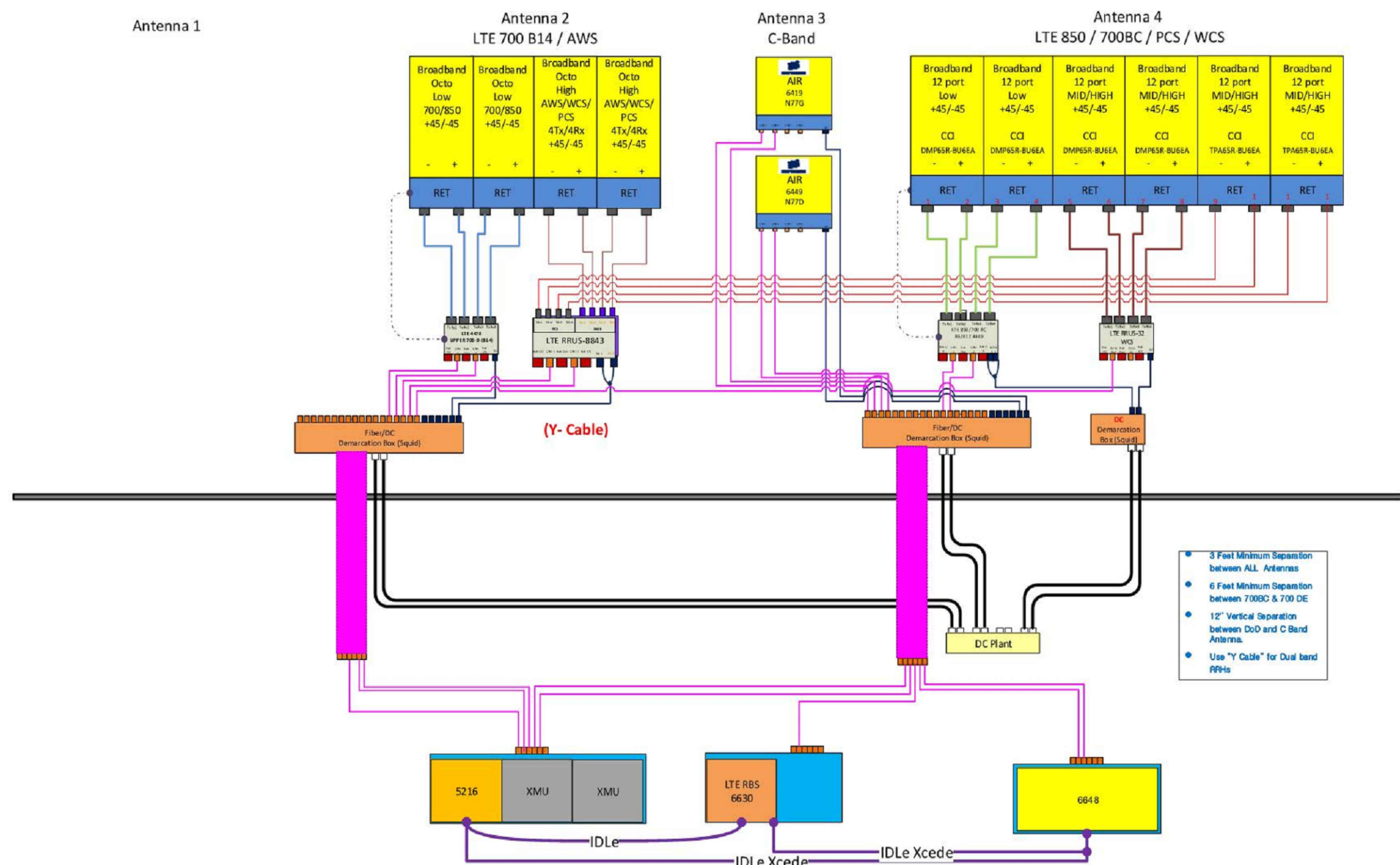
RF DIAGRAM
 SECTOR A

Project No.: 220000100	
Designer: RBM	Date: 04/04/22
Drawn By: NY	Checked By: RBM
PM Review: AC	Client Approval
Issue No.: A	Drawing No.: AN-2

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Diagram - Sector B Diagram File Name - CT2103_A_B_C_LTE_6C_CBand_DoD_Rev2.vsd
 Atoll Site Name - CT2103 Location Name - WESTPORT SOUTH Market - CONNECTICUT Market Cluster - NEW ENGLAND
 Comments: Important Note: For detailed radio to antenna wiring refer to the latest field notice - Antenna Radio Connection Drawings Playbook v6.0 Ericsson



No.	Date	Action
A	04/11/22	PRELIMINARY CDs



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MORRISON HERSHFIELD
 Two South University Drive, Suite 245,
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Project:
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FA#10035073
 19-20 POST OFFICE LANE
 WESTPORT, CT 06880

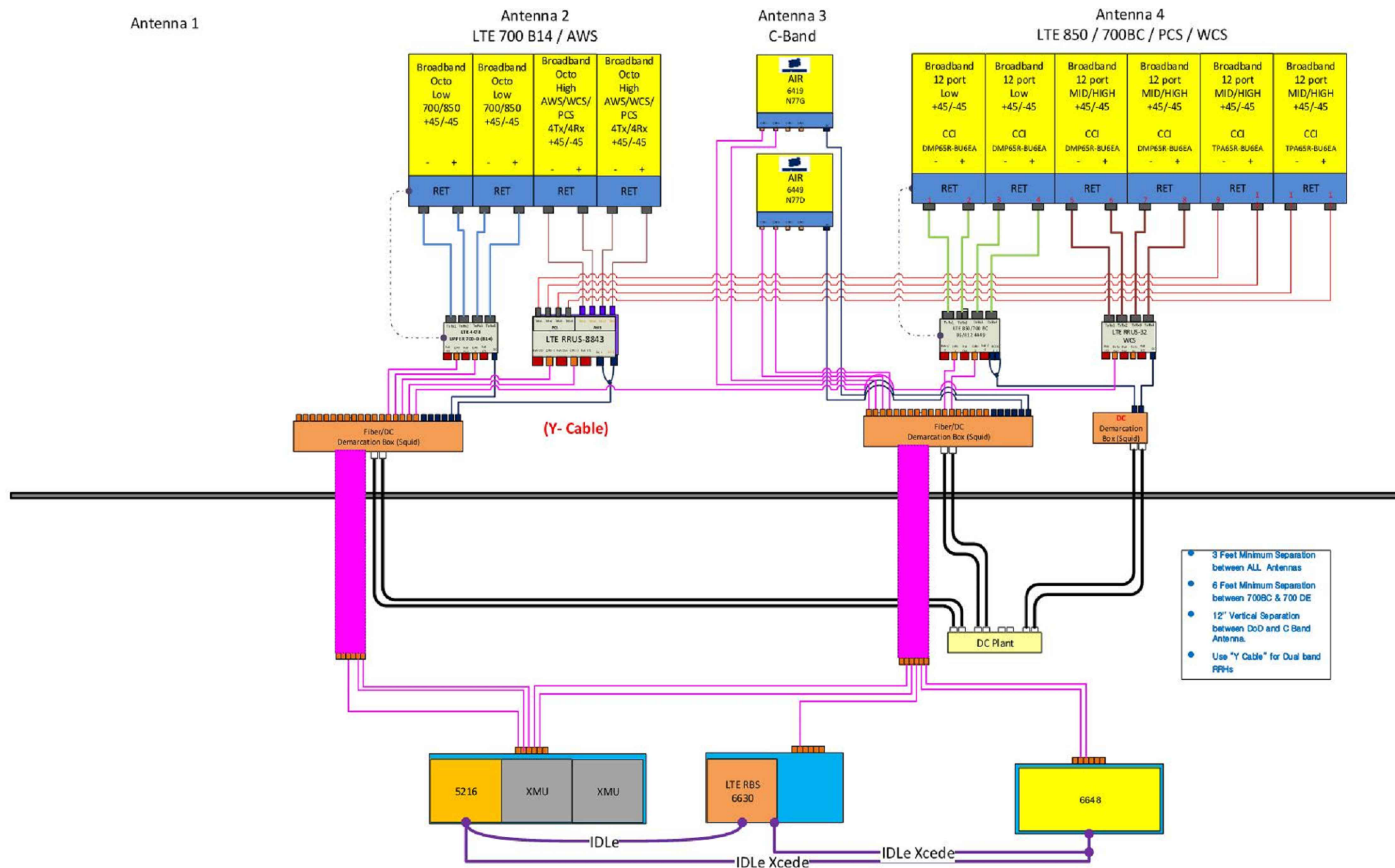
Drawing Title:
RF DIAGRAM
SECTOR B

Project No.: 220000100	
Designer: RBM	Date: 04/04/22
Drawn By: NY	Checked By: RBM
PM Review: AC	Client Approval
Issue No.: A	Drawing No.: AN-3

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Diagram - Sector C Diagram File Name - CT2103_A_B_C_LTE_6C_CBand_DoD_Rev2.vsd
 Atoll Site Name - CT2103 Location Name - WESTPORT SOUTH Market - CONNECTICUT Market Cluster - NEW ENGLAND
 Comments: Important Note: For detailed radio to antenna wiring refer to the latest field notice - Antenna Radio Connection Drawings Playbook v6.0 Ericsson



No.	Date	Action
A	04/11/22	PRELIMINARY CDs



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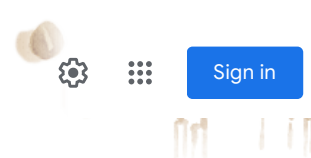
Drawing Title:
RF DIAGRAM
SECTOR C

Project No.: 220000100	
Designer: RBM	Date: 04/04/22
Drawn By: NY	Checked By: RBM
PM Review: AC	Client Approval
Issue No.: A	Drawing No.: AN-4

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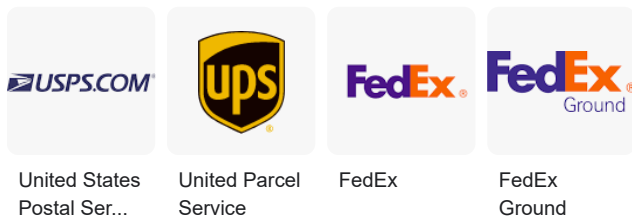
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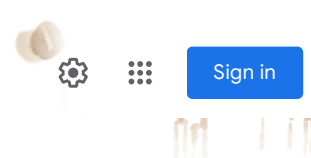
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