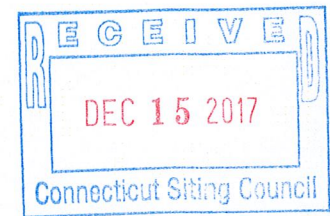


Alex Murshteyn, Site Acquisition  
c/o Cellco Partnership d/b/a Verizon Wireless  
Centerline Communications, LLC  
95 Ryan Drive, Suite 1  
Raynham, MA 02767  
Mobile: (508) 821-0159  
[AMurshteyn@centerlinecommunications.com](mailto:AMurshteyn@centerlinecommunications.com)

December 13, 2017

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



**RE: Notice of Exempt Modification // Site: North Haven West CT (ATC: 283418)  
50 Devine Street, North Haven, CT 06473  
N 41.37777 // W -72.87615**

Dear Ms. Bachman:

ORIGINAL

Cellco Partnership d/b/a Verizon Wireless currently maintains 12 antennas at the top of the existing 129-foot monopole tower, located at 50 Devine Street, North Haven, CT. The tower is owned by American Tower. The property is owned by 424 Chapel St LLC. Verizon Wireless now intends remove 6 of its antennas to replace with 6 and install side-by-side mounts for the 6 LTE (700/850/1900/2100 MHz) replacements for its PCS/AWS/LTE upgrade, all at the same level on the tower. Additionally, Verizon Wireless will install 9 new remote radio head units (RRUs), 2 over voltage protection surge arrestor boxes (OVPS) and 2 leased but not presently deployed fiber cables; altogether updating certain leased equipment rights, as reflected by the final configuration outlined in the structural analysis and proposed hereby. Note that only a portion of the cable equipment rights will be deployed at this time, although additional cable rights are reflected in the reserved configuration of the structural analysis.

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 Michael J. Freda, First Selectman for the Town of North Haven, Land Use Administrator Alan Fredricksen, including for the Planning & Zoning Commission, American Tower, the tower owner, and the ground owner, 424 Chapel Street LLC.

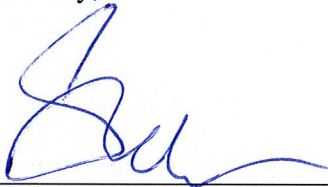
The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2). Enclosed to accommodate this filing are construction drawings dated November 27, 2017 by ATC Tower Services, LLC, a structural analysis dated

August 29, 2017 by Tower Engineering Professionals, Inc. and radio frequency (RF) analysis table showing worst-case RF emission calculation by Verizon Wireless RF Design Engineering.

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 new 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, as shown in the attached structural analysis by Tower Engineering Professionals, Inc., dated August 29, 2017.

For the foregoing reasons, Verizon Wireless 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).

Sincerely,



---

Alex Murshteyn, Site Acquisition  
c/o Cellco Partnership d/b/a Verizon Wireless  
Centerline Communications, LLC  
95 Ryan Drive, Suite 1  
Raynham, MA 02767  
Mobile: (508) 821-0159  
[AMurshteyn@centerlinecommunications.com](mailto:AMurshteyn@centerlinecommunications.com)

Attachments

cc: Michael J. Freda, First Selectman, Town of North Haven - as elected official - 1Z9Y45030326070809  
Alan Fredricksen, Land Use Administrator - as P&Z official - 1Z9Y45030338130418  
American Tower Corporation - as tower owner - 1Z9Y45030327683020  
424 Chapel Street LLC - as property owner - 1Z9Y45030335628637



**AMERICAN TOWER®**  
CORPORATION

This report was prepared for American Tower Corporation by



**TOWER  
ENGINEERING  
PROFESSIONALS**

---

## Structural Analysis Report

**Structure** : 129 ft Monopole  
**ATC Site Name** : North Haven CT, CT  
**ATC Site Number** : 283418  
**Engineering Number** : OAA710464\_C3\_01  
**Proposed Carrier** : Verizon Wireless  
**Carrier Site Name** : North Haven West  
**Carrier Site Number** : 2556885  
**Site Location** : 50 Devine Street  
North Haven, CT 06473-2204  
41.377800,-72.876200  
**County** : New Haven  
**Date** : August 29, 2017  
**Max Usage** : 55%  
**Result** : Pass

Prepared By:  
Charles Cages, E.I.  
TEP

*Charles Cages*

Reviewed By:



8/29/17

COA: PEC.0001553



**Table of Contents**

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Calculations .....	Attached



## Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 129 ft monopole to reflect the change in loading by Verizon Wireless.

## Supporting Documents

<b>Tower Drawings</b>	Sabre Job #11-05062, dated May 12, 2010
<b>Foundation Drawing</b>	Sabre Job #11-05062, dated May 12, 2010
<b>Geotechnical Report</b>	Terracon Project #J2105136, dated April 20, 2010
<b>Modifications</b>	TransAmerican Order #TP-12133, dated February 12, 2014

## Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/TIA-222.

<b>Basic Wind Speed:</b>	97 mph (3-Second Gust, $V_{ASD}$ ) / 125 mph (3-Second Gust, $V_{ULT}$ )
<b>Basic Wind Speed w/ Ice:</b>	50 mph (3-Second Gust) w/ 3/4" radial ice concurrent
<b>Code:</b>	ANSI/TIA-222-G / 2012 IBC / 2016 Connecticut State Building Code
<b>Structure Class:</b>	II
<b>Exposure Category:</b>	C
<b>Topographic Category:</b>	1
<b>Crest Height:</b>	0 ft
<b>Spectral Response:</b>	$S_s = 0.18$ , $S_1 = 0.06$
<b>Site Class:</b>	D - Stiff Soil

## Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower via email at [Engineering@americantower.com](mailto:Engineering@americantower.com). Please include the American Tower site name, site number, and engineering number in the subject line for any questions.



**Existing and Reserved Equipment**

Elevation <sup>1</sup> (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
130.0	130.0	3	Nokia B5 RRH4x40-850	Low Profile Platform	(8) 1 5/8" Coax (4) 1 5/8" Hybriflex	Verizon
		3	Alcatel-Lucent RRH2x60 700			
		3	Alcatel-Lucent PCS B25 RRH2x60/4x30			
		3	Alcatel-Lucent B66A RRH 4x45			
		3	Antel BXA-171063-12CF			
		2	RFS DB-T1-6Z-8AB-0Z			
		6	Commscope JAHH-65B-R3B			
121.0	121.0	9	Ericsson AIR 21	T-Arms	(11) 1 5/8" Coax (2) 1 1/4" Hybriflex	Metro PCS
114.0	114.0	4	Raycap DC6-48-60-18-8F	Platform w/ Handrails	(3) 3/8" RET Control Cable (6) 3" Conduit (8) 0.78" 8 AWG 6 (2) 0.39" Fiber Trunk	AT&T Mobility
		6	Ericsson RRUS-11 (50 lbs.)			
		6	Ericsson RRUS 32 (50.8 lbs)			
		6	Ericsson RRUS 32 B2			
		12	CCI CCI-HPA-65R-BUU-H8			

**Equipment to be Removed**

Elevation <sup>1</sup> (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
130.0	130.0	3	Antel BXA-70063-6CF-EDIN-X	-	-	Verizon

**Proposed Equipment**

Elevation <sup>1</sup> (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
130.0	130.0	3	Antel BXA-80080-6CF-EDIN-X	Low Profile Platform	-	Verizon

<sup>1</sup>Mount elevation is defined as height above bottom of steel structure to the bottom of mount, RAD elevation is defined as center of antenna above ground level (AGL).



**Structure Usages**

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	45%	Pass
Shaft	55%	Pass
Base Plate	30%	Pass
Flanges	17%	Pass

**Foundations**

Reaction Component	Original Design Reactions	Factored Design Reactions*	Analysis Reactions	% of Design
Moment (Kips-Ft)	4,535.0	4,535.0	2,574.6	57%
Shear (Kips)	44.0	44.0	25.7	58%

\* The design reactions are factored by 1.35 per ANSI/TIA-222-G, Sec. 15.5.1

The structure base reactions resulting from this analysis are acceptable when compared to those shown on the original structure drawings, therefore no modification or reinforcement of the foundation will be required.

**Deflection and Sway\***

Antenna Elevation (ft)	Antenna	Carrier	Deflection (ft)	Sway (Rotation) (°)
130.0	Amphenol Antel BXA-80080-6CF-EDIN-X	Verizon Wireless	0.000	0.000

\*Deflection and Sway was evaluated considering a design wind speed of 60 mph (3-Second Gust) per ANSI/TIA-222-G



## **Standard Conditions**

All engineering services are performed on the basis that the information used is current and correct. This information may consist of, but is not necessary limited, to:

- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements of the structure.

It is the responsibility of the client to ensure that the information provided to A.T. Engineering Service, PLLC and used in the performance of our engineering services is correct and complete. In the absence of information to the contrary, we assume that all structures were constructed in accordance with the drawings and specifications and that their capacity has not significantly changed from the "as new" condition.

Unless explicitly agreed by both the client and American Tower Corporation, all services will be performed in accordance with the current revision of ANSI/TIA -222. The design basic wind speed will be determined based on the minimum basic wind speed as prescribed in ANSI/TIA-222. Although every effort is taken to ensure that the loading considered is adequate to meet the requirements of all applicable regulatory entities, we can provide no assurance to meet any other local and state codes or requirements. If wind and ice loads or other relevant parameters are to be different from the minimum values recommended by the codes, the client shall specify the exact requirement.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. A.T. Engineering Service, PLLC is not responsible for the conclusions, opinions and recommendations made by others based on the information we supply.



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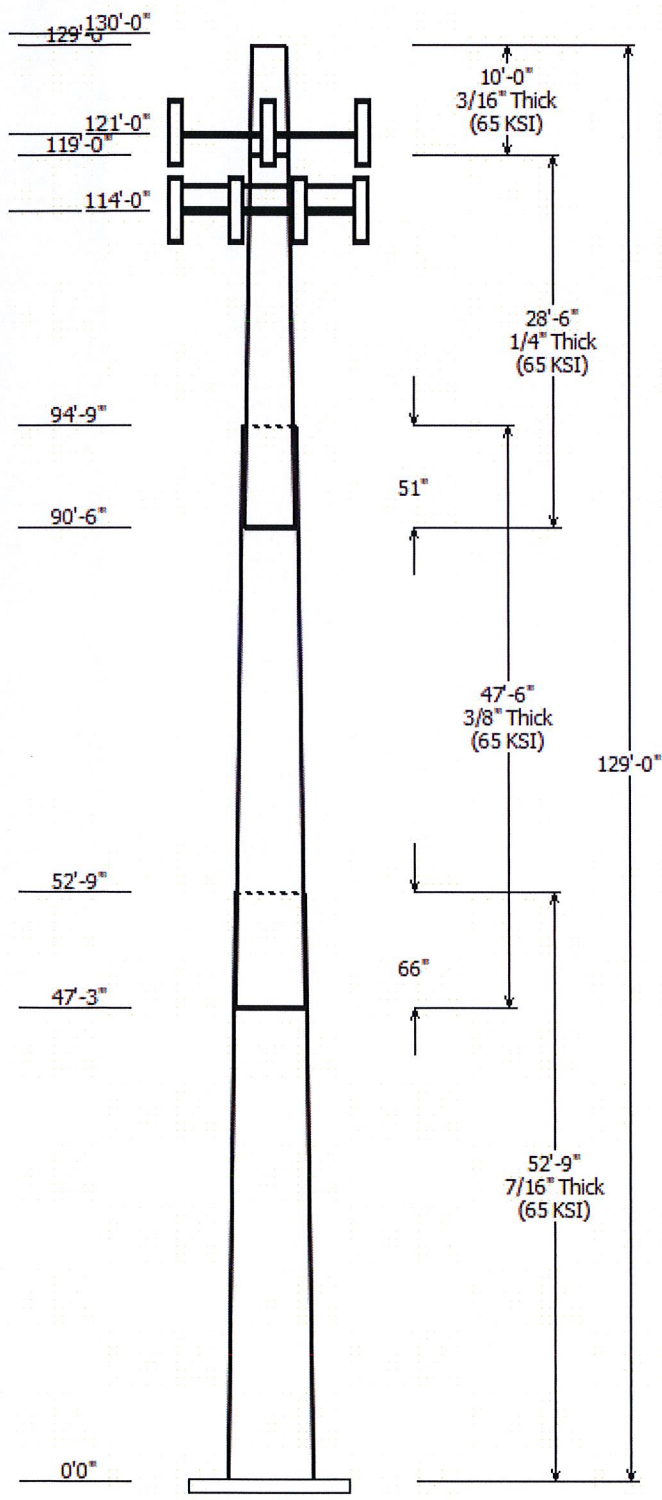
Job Information	
Pole :	283418
Code:	ANSI/TIA-222-G
Description :	
Client :	VERIZON WIRELESS
Struct Class :	II
Location :	NORTH HAVEN CT, CT
Shape :	18 Sides
Exposure :	C
Height :	129.00 (ft)
Topo :	1
Base Elev (ft):	0.00
Taper:	0.22596 in/ft

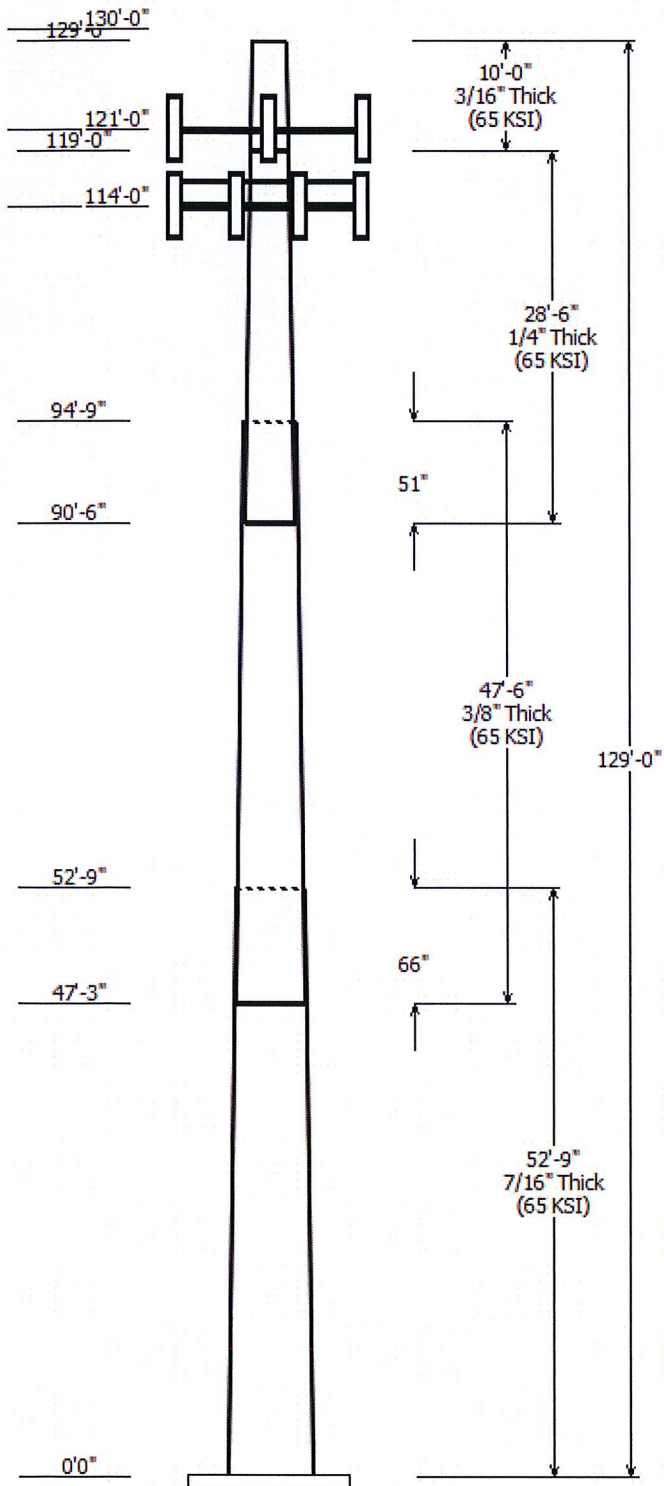
Sections Properties								
Shaft Section	Length (ft)	Diameter (in)		Thick Joint (in)	Type	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)
		Across Top	Flats Bottom					
1	52.750	36.88	48.80	0.438		0.000	0.226000	65
2	47.500	28.13	38.87	0.375	Slip Joint	66.000	0.226000	65
3	28.500	23.16	29.60	0.250	Slip Joint	51.000	0.226000	65
4	10.000	20.90	23.16	0.188	Butt Joint	0.000	0.226000	65

Discrete Appurtenance				
Attach Elev (ft)	Force Elev (ft)	Qty	Description	
130.000	130.000	3	Amphenol Antel BXA-80080-	
130.000	130.000	6	Commscope JAHH-65B-R3B	
130.000	130.000	3	Nokia B5 RRH4x40-850	
130.000	130.000	1	Round Low Profile Platform	
130.000	130.000	3	Amphenol Antel BXA-171063-	
130.000	130.000	2	RFS DB-T1-6Z-8AB-0Z	
130.000	130.000	3	Alcatel-Lucent B66A RRH 4x45	
130.000	130.000	3	Alcatel-Lucent PCS B25	
130.000	130.000	3	Alcatel-Lucent RRH2x60 700	
121.000	121.000	3	Round T-Arm	
121.000	121.000	9	Ericsson AIR 21	
114.000	114.000	1	Round Platform w/ Handrails	
114.000	114.000	12	CCI CCI-HPA-65R-BUU-H8	
114.000	114.000	6	Ericsson RRUS 32 (50.8 lbs)	
114.000	114.000	6	Ericsson RRUS-11 (50 lbs.)	
114.000	114.000	4	Raycap DC6-48-60-18-8F	
114.000	114.000	6	Ericsson RRUS 32 B2	

Linear Appurtenance			
Elev (ft)	From	To	Exposed To Wind
0.000	114.0	0.39" (10mm)	No
0.000	114.0	0.78" 8 AWG 6	No
0.000	114.0	3" Conduit	No
0.000	114.0	3/8" RET Control	No
0.000	121.0	1 1/4" Hybriflex	No
0.000	121.0	1 5/8" Coax	No
0.000	130.0	1 5/8" Coax	No
0.000	130.0	1 5/8" Hybriflex	No

Load Cases	
1.2D + 1.6W	97 mph with No Ice
0.9D + 1.6W	97 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50 mph with 0.75 in Radial Ice
(1.2 + 0.2Sds) * DL + E	Seismic Equivalent Lateral Forces Method
(1.2 + 0.2Sds) * DL + E	Seismic Equivalent Modal Analysis Method
(0.9 - 0.2Sds) * DL + E	Seismic (Reduced DL) Equivalent Lateral
(0.9 - 0.2Sds) * DL + E	Seismic (Reduced DL) Equivalent Modal
1.0D + 1.0W	Serviceability 60 mph





Reactions			
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.6W	2574.57	25.65	43.37
0.9D + 1.6W	2549.12	25.63	32.52
1.2D + 1.0Di + 1.0Wi	680.08	6.96	63.95
(1.2 + 0.2Sds) * DL + E ELFM	122.75	1.27	39.59
(1.2 + 0.2Sds) * DL + E EMAM	142.83	1.61	39.59
(0.9 - 0.2Sds) * DL + E ELFM	121.69	1.27	27.50
(0.9 - 0.2Sds) * DL + E EMAM	141.55	1.61	27.50
1.0D + 1.0W	612.17	6.13	36.17

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
	0.00	0.000	0.000

Site Name: **NORTH HAVEN WEST CT**  
 Cumulative Power Density

Operator	Operating Frequency (MHz)	Number of Trans.	ERP Per Trans. (watts)	Total ERP (watts)	Distance to Target (feet)	Calculated Power Density (mW/cm <sup>2</sup> )	Maximum Permissible Exposure*	Fraction of MPE (%)
VZW 700	746	1	914	914	130	0.02	0.50	3.91%
VZW 850 LTE	869	1	1403	1403	130	0.03	0.58	5.15%
VZW PCS	1970	1	2250	2250	130	0.05	1.00	4.79%
VZW AWS	2145	1	3298	3298	130	0.07	1.00	7.02%
<b>Total Percentage of Maximum Permissible Exposure</b>								
<b>20.87%</b>								

\*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

MHz = Megahertz

mW/cm<sup>2</sup> = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.



**Property Information**

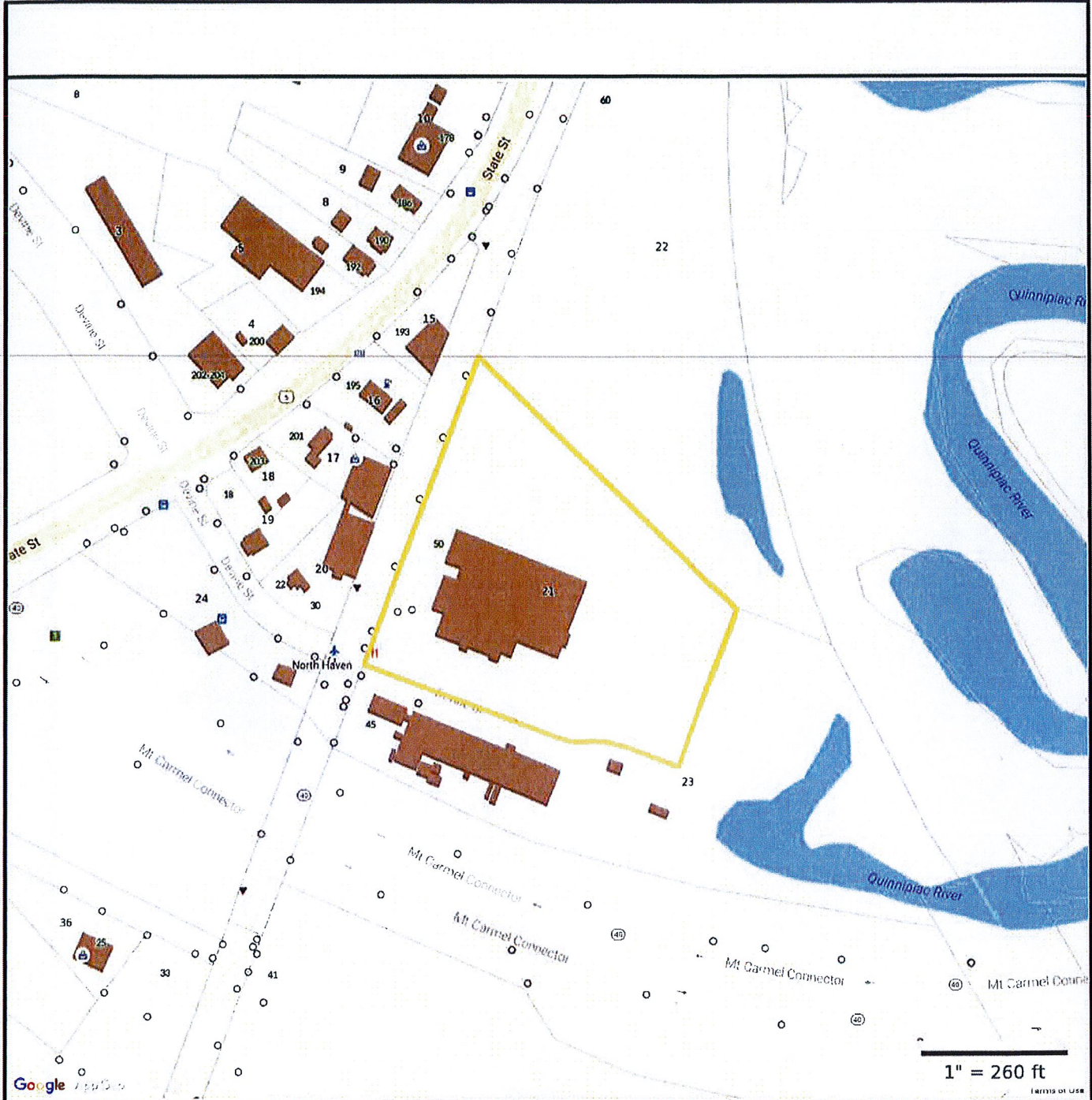
**Property ID** 51/21  
**Location** 50 DEVINE ST  
**Owner** 424 CHAPEL STREET LLC



**MAP FOR REFERENCE ONLY  
NOT A LEGAL DOCUMENT**

Town of North Haven, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Parcels updated 10/1/2016  
Properties updated 12/13/2017



**Property Information**

**Property ID** 51/21  
**Location** 50 DEVINE ST  
**Owner** 424 CHAPEL STREET LLC



**MAP FOR REFERENCE ONLY  
NOT A LEGAL DOCUMENT**

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# 50 DEVINE ST

**Location** 50 DEVINE ST

**Mblu** 051/ / 021/ /

**Acct#** 256482

**Owner** 424 CHAPEL STREET LLC

**Assessment** \$1,287,160

**Appraisal** \$1,838,800

**PID** 8849

**Building Count** 2

## Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2014	\$1,255,400	\$583,400	\$1,838,800

Assessment			
Valuation Year	Improvements	Land	Total
2014	\$878,780	\$408,380	\$1,287,160

## Owner of Record

**Owner** 424 CHAPEL STREET LLC  
**Co-Owner**  
**Address** 50 DEVINE ST  
NORTH HAVEN, CT 06473

**Sale Price** \$0  
**Certificate**  
**Book & Page** 832/ 52  
**Sale Date** 08/02/2010

## Ownership History

Ownership History				
Owner	Sale Price	Certificate	Book & Page	Sale Date
424 CHAPEL STREET LLC	\$0		832/ 52	08/02/2010
424 CHAPEL STREET LLC	\$0	1	772/ 943	08/02/2007
PAPA ANTHONY S (RET ANN TRUST 1,2,3) &	\$0	2	427/ 372	02/11/1992
PAPA ANTHONY S	\$0	3	410/ 102	07/24/1990
PAPA ANTHONY S	\$0	4	410/ 87	07/24/1990

## Building Information

### Building 1 : Section 1

**Year Built:** 1949  
**Living Area:** 24,300  
**Replacement Cost:** \$807,225  
**Building Percent** 80  
**Good:**

**Replacement Cost**  
**Less Depreciation:** \$645,800

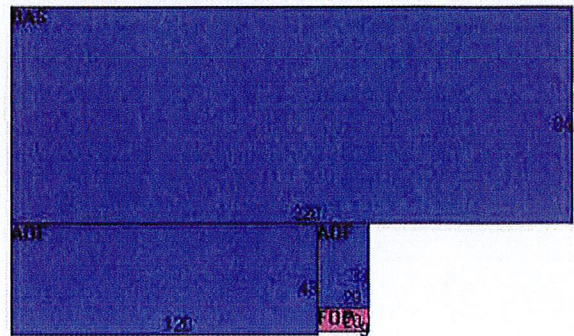
**Building Photo**



(http://images.vgsi.com/photos/NorthHavenCTPhotos//\00\01\5

Building Attributes	
Field	Description
STYLE	Lt. Industrial
MODEL	Ind/Comm
Grade	C
Stories:	1
Occupancy	1
Exterior Wall 1	Brick
Exterior Wall 2	Metal
Roof Structure	Gable/Hip
Roof Cover	Asphalt
Interior Wall 1	Drywall
Interior Wall 2	Minim/Masonry
Interior Floor 1	Concr-Finished
Interior Floor 2	Carpet
Heating Fuel	Gas
Heating Type	Unit Heat
AC Type	Central
Bldg Use	MANUFAC M96
Total Rooms	
Total Bedrms	
Total Baths	
1st Floor Use:	
Heat/AC	HEAT/AC PKGS
Frame Type	WOOD FRAME
Baths/Plumbing	AVERAGE
Ceiling/Wall	SUS-CEIL/MN WL
Rooms/Prtns	AVERAGE
Wall Height	10
% Conn Wall	

**Building Layout**



Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	18,480	18,480
AOF	Office	5,820	5,820
FOP	Porch, Open	180	0
		24,480	24,300

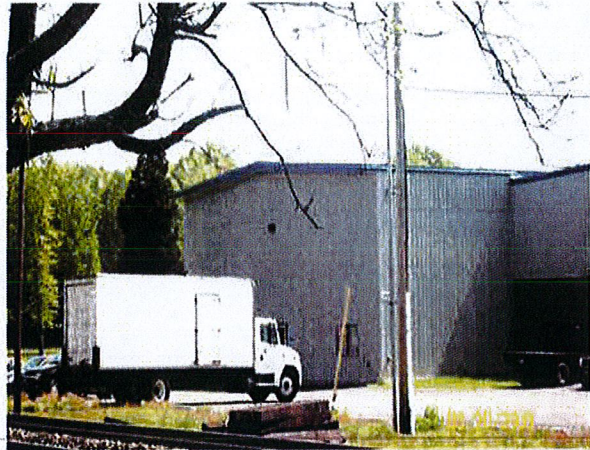
**Building 2 : Section 1**

**Year Built:** 1984  
**Living Area:** 18,228  
**Replacement Cost:** \$671,884  
**Building Percent Good:** 80  
**Replacement Cost Less Depreciation:** \$537,500

Building Attributes : Bldg 2 of 2	
Field	Description

STYLE	Lt. Industrial
MODEL	Ind/Comm
Grade	C
Stories:	1
Occupancy	1
Exterior Wall 1	Metal
Exterior Wall 2	
Roof Structure	Gable/Hip
Roof Cover	Metal/TIn
Interior Wall 1	Drywall
Interior-Wall 2	
Interior Floor 1	Concr-Finished
Interior Floor 2	Carpet
Heating Fuel	Gas
Heating Type	Unit Heat
AC Type	Partial
Bldg Use	MANUFAC M96
Total Rooms	
Total Bedrms	
Total Baths	
1st Floor Use:	
Heat/AC	HEAT/AC PKGS
Frame Type	STEEL
Baths/Plumbing	AVERAGE
Ceiling/Wall	SUS-CEIL/MN WL
Rooms/Prtns	AVERAGE
Wall Height	22
% Comn Wall	

### Building Photo



(<http://images.vgsi.com/photos/NorthHavenCTPhotos//\00\01\5>)

### Building Layout



Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	11,772	11,772
AOF	Office	6,456	6,456
		18,228	18,228

### Extra Features

Extra Features				Legend
Code	Description	Size	Value	Bldg #
A/C	AIR CONDITION	52800 S.F.	\$82,400	2
SPR1	SPRINKLERS-WET	0 S.F.	\$0	2
SPR1	SPRINKLERS-WET	19202 S.F.	\$13,800	1
LDL1	LOAD LEVELERS	3 UNITS	\$7,000	1
MEZ1	MEZZANINE-UNF	2959 S.F.	\$21,300	1

### Land



**Land Use**

**Use Code** 4000  
**Description** MANUFAC M96  
**Zone** IG80  
**Neighborhood** 305  
**Alt Land Appr Category** No

**Land Line Valuation**

**Size (Acres)** 5.97  
**Frontage**  
**Depth**  
**Assessed Value** \$408,380  
**Appraised Value** \$583,400

**Outbuildings**

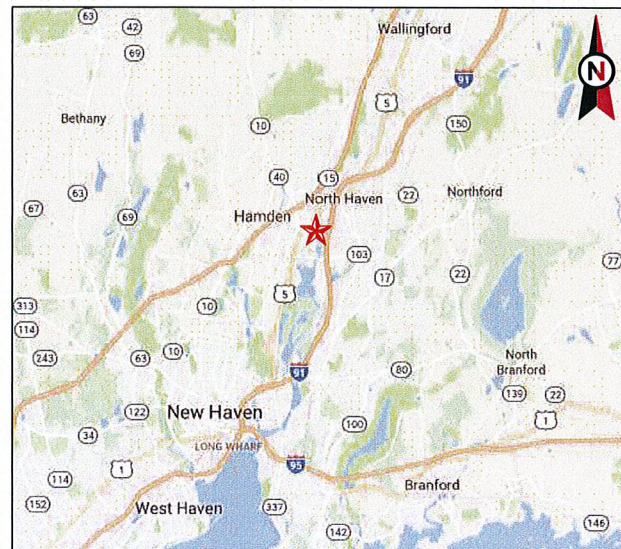
Outbuildings						Legend
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
PAV1	PAVING-ASPHALT			45000 S.F.	\$6,100	1
TWR1	COMMU-TOWER			1 UNITS	\$112,500	1

**Valuation History**

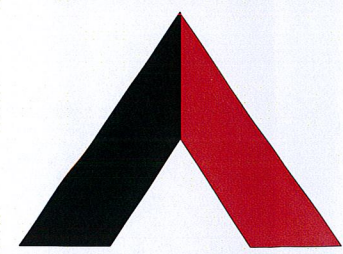
Appraisal			
Valuation Year	Improvements	Land	Total
2013	\$1,332,500	\$657,800	\$1,990,300
2008	\$733,200	\$688,200	\$1,421,400
2007		\$481,740	\$994,980

Assessment			
Valuation Year	Improvements	Land	Total
2013	\$932,750	\$460,460	\$1,393,210
2008	\$526,390	\$481,740	\$1,008,130
2007		\$481,740	\$994,980

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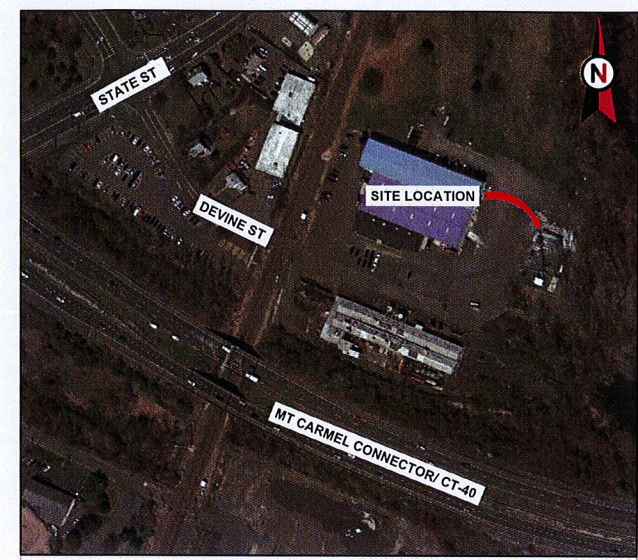


VICINITY MAP



**AMERICAN TOWER®**

ATC SITE NAME: NORTH HAVEN CT  
 ATC SITE NUMBER: 283418  
 VERIZON SITE NAME: NORTH HAVEN WEST CT  
 SITE ADDRESS: 50 DEVINE STREET  
 NORTH HAVEN, CT 06473



LOCATION MAP

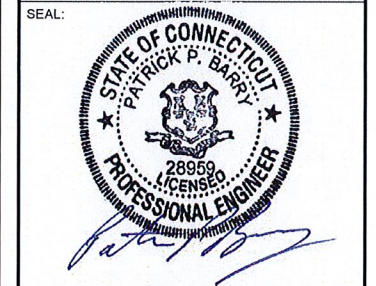


**AMERICAN TOWER®**  
 ATC TOWER SERVICES  
 3500 REGENCY PARKWAY  
 SUITE 100  
 CARY, NC 27518  
 PHONE: (919) 468-0112  
 COA: 6260F

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	KL	11/27/17

ATC SITE NUMBER:  
**283418**  
 ATC SITE NAME:  
**NORTH HAVEN CT**  
 SITE ADDRESS:  
 50 DEVINE STREET  
 NORTH HAVEN, CT 06473



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**verizon**

DRAWN BY:	KL
APPROVED BY:	KRF
DATE DRAWN:	11/27/17
ATC JOB NO:	12155846
CUSTOMER ID:	NORTH HAVEN WEST CT

**COVER SHEET**

SHEET NUMBER:	REVISION:
<b>G-001</b>	<b>0</b>

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX					
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.  1. INTERNATIONAL BUILDING CODE (IBC) 2. NATIONAL ELECTRIC CODE (NEC) 3. LOCAL BUILDING CODE 4. CITY/COUNTY ORDINANCES	<u>SITE ADDRESS:</u> 50 DEVINE STREET NORTH HAVEN, CT 06473 COUNTY: NEW HAVEN <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 41.37777 LONGITUDE: -72.87615 GROUND ELEVATION: 8' AMSL	THE PROPOSED PROJECT INCLUDES MODIFYING GROUND BASED AND TOWER MOUNTED EQUIPMENT AS INDICATED PER BELOW:  REMOVE (6) PANELS  INSTALL (6) NEW PANELS, (9) RRU's, (2) 1-5/8" HYBRID CABLES, AND (2) OVPS  EXISTING (6) PANELS, AND (3) RRU'S TO REMAIN	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:	
				G-001	COVER SHEET	0	11/27/17	KL
				G-002	GENERAL NOTES	0	11/27/17	KL
		<u>PROJECT NOTES</u>  1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT LAND DISTURBANCE OR EFFECT OF STORM WATER DRAINAGE. 4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED.	C-101	DETAILED SITE PLAN AND TOWER ELEVATION	0	11/27/17	KL	
		<u>PROJECT LOCATION DIRECTIONS</u>  FROM NEW HAVEN, CT:  START GOING NORTHEAST ON CHURCH ST WHICH TURNS INTO WHITNEY AVE. TURN RIGHT ON TRUMBULL ST. MERGE ONTO I-91 NORTH TOWARD HARTFORD. TAKE EXIT 10 TO CT-40 HAMDEN / CHESHIRE TAKE EXIT 1 TOWARD US-5 STATE ST. TURN RIGHT ON DEVINE ST. GO STRAIGHT OVER RAILROAD TRACKS TO END.	C-501	RF SCHEDULE AND ANTENNA INSTALLATION	0	11/27/17	KL	
	<u>UTILITY COMPANIES</u>  POWER COMPANY: UNITED ILLUMINATING PHONE: (800) 722-5584  TELEPHONE COMPANY: FRONTIER COMMUNICATIONS PHONE: (800) 921-8102	<u>TOWER OWNER:</u> AMERICAN TOWER 10 PRESIDENTIAL WAY WOBURN, MA 01801  <u>ENGINEER:</u> ATC TOWER SERVICES, LLC 3500 REGENCY PKWY STE 100 CARY, NC 27518  <u>PROPERTY OWNER:</u> 424 CHAPEL STREET, LLC 50 DEVINE STREET NORTH HAVEN, CT 06473  <u>APPLICANT:</u> VERIZON WIRELESS 99 EAST RIVER DRIVE, 9TH FLOOR EAST HARTFORD, CT 06108	C-502	CONSTRUCTION DETAILS	0	11/27/17	KL	



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**GENERAL CONSTRUCTION NOTES:**

1. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSIE/A/TIA-222, AND COMPLY WITH ATC MASTER SPECIFICATIONS.
2. CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
4. ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
5. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
6. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
7. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
9. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
10. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE VERIZON WIRELESS REP PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE VERIZON WIRELESS REP PRIOR TO PROCEEDING.
11. EACH CONTRACTOR SHALL COOPERATE WITH THE VERIZON WIRELESS REP, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
12. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE VERIZON WIRELESS CONSTRUCTION MANAGER.
13. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
14. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR SHALL NOTIFY THE VERIZON WIRELESS REP IMMEDIATELY.
15. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
16. CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
17. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH LANDLORD AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
18. CONTRACTOR SHALL FURNISH VERIZON WIRELESS WITH A PDF MARKED UP AS-BUILT SET OF DRAWINGS UPON COMPLETION OF WORK.
19. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON WIRELESS REP TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
20. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH VERIZON WIRELESS REP TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY CONTRACTOR. ALL REQUIRED PERMITS NOT OBTAINED BY VERIZON WIRELESS MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
21. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH VERIZON WIRELESS SPECIFICATIONS AND REQUIREMENTS.
22. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO VERIZON WIRELESS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
23. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO VERIZON WIRELESS SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
24. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
25. CONTRACTOR SHALL NOTIFY VERIZON WIRELESS REP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.
26. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS AND RECOMMENDATIONS AND SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE AND PPM AND CONSTRUCTION DEVICES SUCH AS WELDING AND FIRE PREVENTION, TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ETC.

27. THE CONTRACTOR SHALL PROTECT AT HIS OWN EXPENSE, ALL EXISTING FACILITIES AND SUCH OF HIS NEW WORK LIABLE TO INJURY DURING THE CONSTRUCTION PERIOD. ANY DAMAGE CAUSED BY NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, OR BY THE ELEMENTS DUE TO NEGLIGENCE ON THE PART OF THIS CONTRACTOR OR HIS REPRESENTATIVES, EITHER TO THE EXISTING WORK, OR TO HIS WORK OR THE WORK OF ANY OTHER CONTRACTOR, SHALL BE REPAIRED AT HIS EXPENSE TO THE OWNER'S SATISFACTION.
28. ALL WORK SHALL BE INSTALLED IN A FIRST CLASS, NEAT AND WORKMANLIKE MANNER BY MECHANICS SKILLED IN THE TRADE INVOLVED. THE QUALITY OF WORKMANSHIP SHALL BE SUBJECT TO THE APPROVAL OF THE VERIZON WIRELESS REP. ANY WORK FOUND BY THE VERIZON WIRELESS REP TO BE OF INFERIOR QUALITY AND/OR WORKMANSHIP SHALL BE REPLACED AND/OR REWORKED AT CONTRACTOR EXPENSE UNTIL APPROVAL IS OBTAINED.
29. IN ORDER TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE, ALL TYPES OF MATERIALS LISTED HEREINAFTER BY MANUFACTURER'S NAMES AND/OR MANUFACTURER'S CATALOG NUMBER SHALL BE PROVIDED BY THESE MANUFACTURERS AS SPECIFIED.

**STRUCTURAL STEEL NOTES:**

1. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS."
2. STRUCTURAL STEEL ROLLED SHAPES, PLATES AND BARS SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:
  - A. ASTM A-572, GRADE 50 - ALL W SHAPES, UNLESS NOTED OR A992 OTHERWISE
  - B. ASTM A-36 - ALL OTHER ROLLED SHAPES, PLATES AND BARS UNLESS NOTED OTHERWISE.
  - C. ASTM A-500, GRADE B - HSS SECTION (SQUARE, RECTANGULAR, AND ROUND)
  - D. ASTM A-325, TYPE SC OR N - ALL BOLTS FOR CONNECTING STRUCTURAL MEMBERS
  - E. ASTM F-1554 07 - ALL ANCHOR BOLTS, UNLESS NOTED OTHERWISE
3. ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR B695.
4. ALL FIELD CUT SURFACES, FIELD DRILLED HOLES AND GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.
5. DO NOT DRILL HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT AS SHOWN AND DETAILED ON STRUCTURAL DRAWINGS.
6. CONNECTIONS:
  - A. ALL WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D1.1.
  - B. ALL WELDS SHALL BE INSPECTED VISUALLY. 25% OF WELDS SHALL BE INSPECTED WITH DYE PENETRANT OR MAGNETIC PARTICLE TO MEET THE ACCEPTANCE CRITERIA OF AWS D1.1. REPAIR ALL WELDS AS NECESSARY.
  - C. INSPECTION SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR.
  - D. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE BURNING/WELDING PERMITS AS REQUIRED BY LOCAL GOVERNING AUTHORITY AND IF REQUIRED SHALL HAVE FIRE DEPARTMENT DETAIL FOR ANY WELDING ACTIVITY.
  - E. ALL ELECTRODES TO BE LOW HYDROGEN, MATCHING FILLER METAL, PER AWS D1.1, UNLESS NOTED OTHERWISE.
  - F. MINIMUM WELD SIZE TO BE 0.1875 INCH FILLET WELDS, UNLESS NOTED OTHERWISE.
  - G. PRIOR TO FIELD WELDING GALVANIZING MATERIAL, CONTRACTOR SHALL GRIND OFF GALVANIZING 1/2" BEYOND ALL FIELD WELD SURFACES. AFTER WELD AND WELD INSPECTION IS COMPLETE, REPAIR ALL GROUND AND WELDED SURFACES WITH ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS RECOMMENDATIONS.



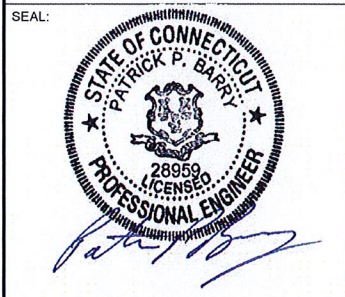
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0	FOR CONSTRUCTION	KL	11/27/17

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**283418**

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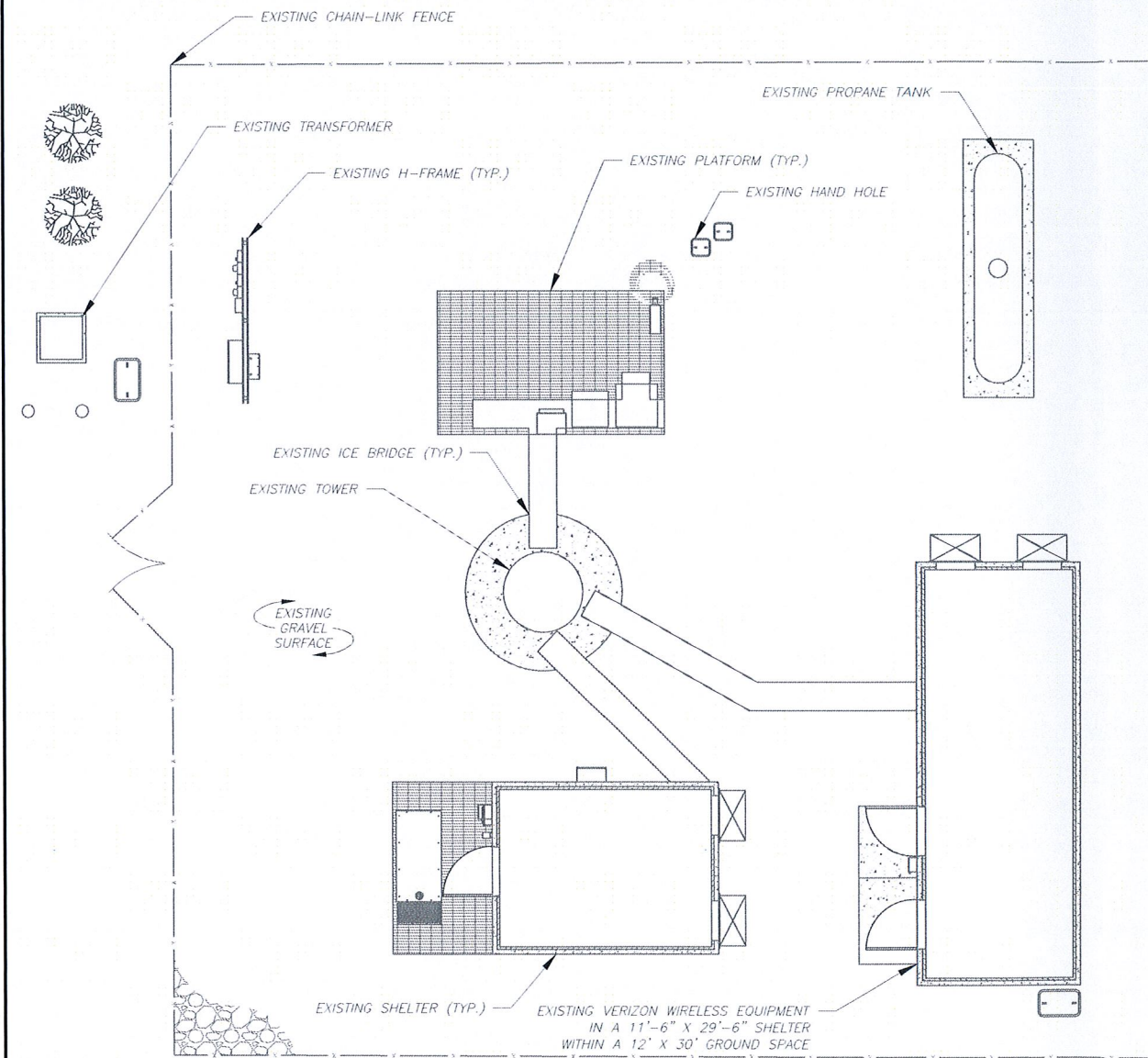
**GENERAL NOTES**

SHEET NUMBER:	REVISION:
<b>G-002</b>	<b>0</b>

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**SITE PLAN NOTES:**

1. THIS SITE PLAN REPRESENTS THE BEST PRESENT KNOWLEDGE AVAILABLE TO THE ENGINEER AT THE TIME OF THIS DESIGN. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE SCOPE OF WORK FOR THIS PROJECT.
2. ICE BRIDGE, CABLE LADDER, COAX PORT, CABLE SUPPORTS, AND CABLES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL CONFIRM THE EXACT LOCATION OF ALL PROPOSED AND EXISTING EQUIPMENT AND STRUCTURES DEPICTED ON THIS PLAN. BEFORE INSTALLING NEW CABLE SUPPORT STRUCTURES, COAX PORTS, OR ANY OTHER EQUIPMENT, CONTRACTOR SHALL VERIFY ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE ATC CONSTRUCTION MANAGER AND LOCAL UTILITY COMPANY FOR THE INSTALLATION OF CONDUITS, CONDUCTORS, BREAKERS, DISCONNECTS, OR ANY OTHER EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE STATE AND NATIONAL CODES, ORDINANCES AND REGULATIONS APPLICABLE TO THIS PROJECT.



**1 DETAILED SITE PLAN**  
 SCALE: 1"=10' (11X17)  
 1"=5' (22X34)

TOP OF EXISTING HIGHEST APPURTENANCE ELEV. 136' A.G.L.

1 2  
C-501 C-501

EXISTING AND PROPOSED VERIZON WIRELESS EQUIPMENT

PROPOSED VERIZON WIRELESS RAD CENTER @ 130' A.G.L.

EXISTING CARRIER ANTENNAS RAD CENTER @ 121' A.G.L.

EXISTING CARRIER ANTENNAS RAD CENTER @ 114' A.G.L.

**TOWER NOTE:**

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM WITH THE AMERICAN TOWER CONSTRUCTION MANAGER THAT THEY HAVE THE MOST RECENT VERSION OF THE STRUCTURAL ANALYSIS BEFORE COMMENCING WORK. EXISTING AND PROPOSED TOWER APPURTENANCES, MOUNTS, AND ANTENNAS ARE SHOWN BASED ON THE STRUCTURAL ANALYSIS.
2. ROUTE PROPOSED CABLES ALONG SAME PATH AS EXISTING CABLES AND IN ACCORDANCE WITH STRUCTURAL ANALYSIS. IF ADEQUATE SPACE EXISTS, ROUTE CABLES THROUGH ENTRY PORT HOLE, UP INSIDE OF MONOPOLE, AND THROUGH EXIT PORT HOLE. IF ROUTING OUTSIDE THE MONOPOLE, ATTACH CABLES USING STAND-OFF ADAPTERS MOUNTED TO TOWER USING STAINLESS STEEL BANDING. ADEQUATELY SECURE CABLES USING EITHER APPROPRIATELY SIZED STAINLESS STEEL SNAP-INS OR MOUNTING HARDWARE AND BRACKETS AS SPECIFIED BY CABLE MANUFACTURER.
3. ESTIMATED LENGTH OF PROPOSED CABLE IS 191'. ESTIMATED LENGTH OF CABLE IS CALCULATED BY ADDING THE RAD CENTER AND THE DISTANCE FROM THE SHELTER ENTRY PLATE TO THE TOWER (ALONG THE ICE BRIDGE) AND A SAFETY FACTOR MEASUREMENT OF 15% (OF THE TWO PREVIOUS VALUES).
4. ATC DID NOT CONFIRM EXISTING SITE CONDITIONS INCLUDING, BUT NOT LIMITED TO, ANTENNA HEIGHTS, ANTENNA AZIMUTHS AND MOUNT CONFIGURATIONS.

EXISTING TOWER

EXISTING SHELTER

EXISTING TOP OF BASE PLATE ELEV. 0' A.G.L.

**2 TOWER ELEVATION**  
 SCALE: NOT TO SCALE

**AMERICAN TOWER®**  
**ATC TOWER SERVICES**  
 3500 REGENCY PARKWAY  
 SUITE 100  
 CARY, NC 27518  
 PHONE: (919) 468-0112  
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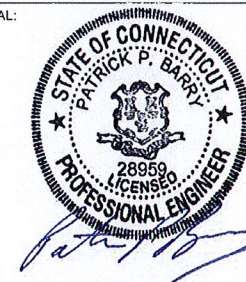
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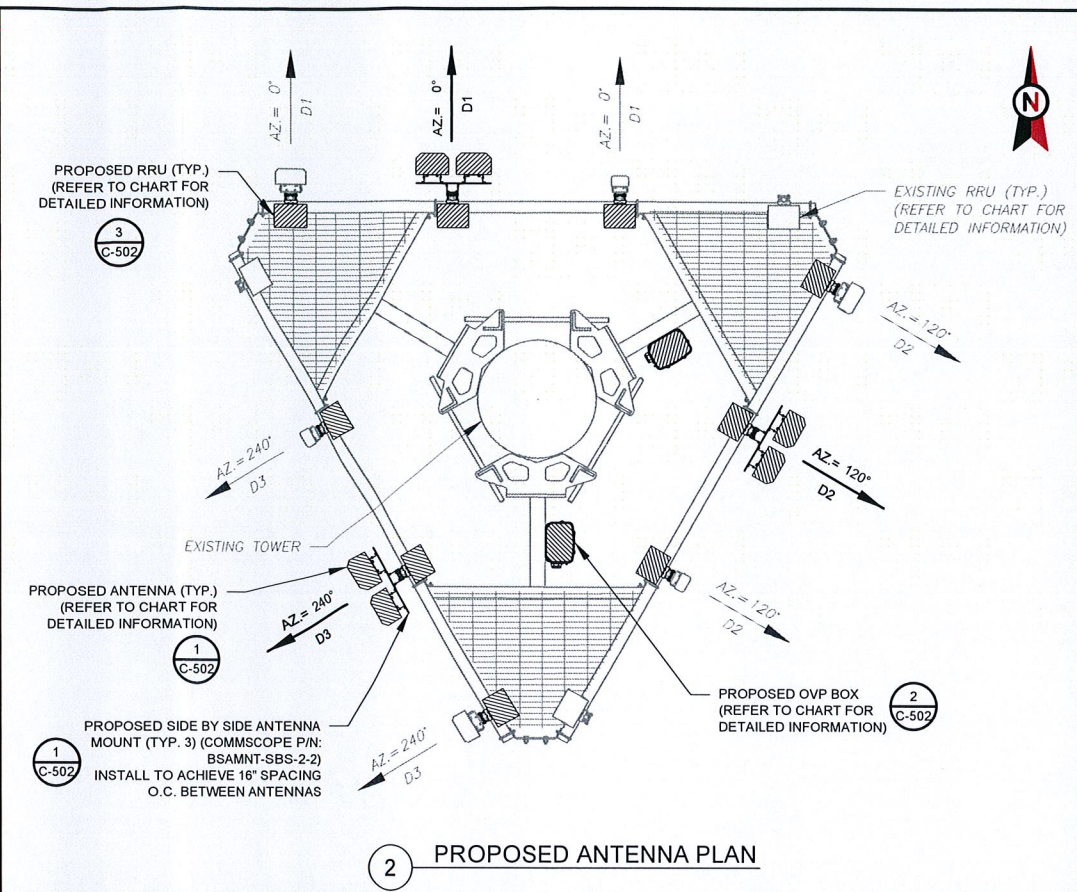
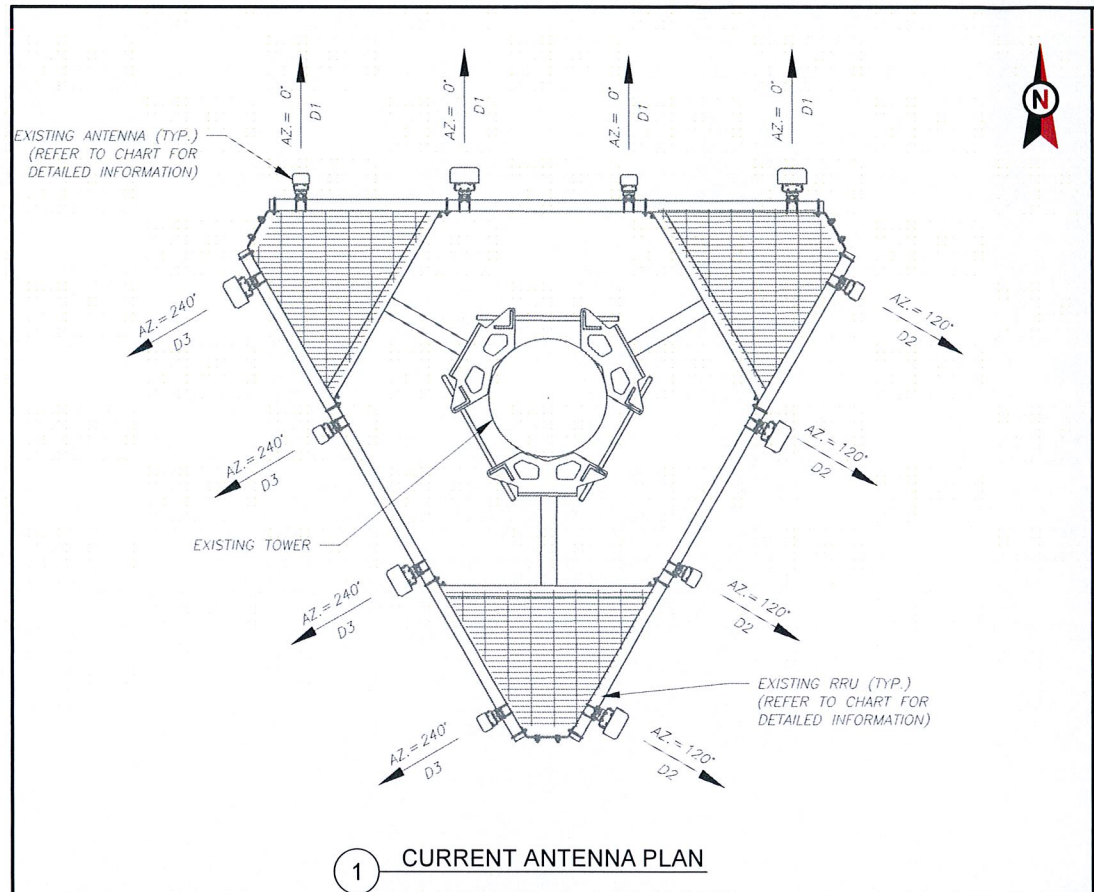
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**DETAILED SITE PLAN AND TOWER ELEVATION**

SHEET NUMBER:  
**C-101**  
 REVISION:  
**0**

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CURRENT ANTENNA AND RF EQUIPMENT SCHEDULE								
ANTENNA SUMMARY						NON ANTENNA SUMMARY		
LOCATION	SECTOR	RAD	AZ	POS	BAND	MODEL NUMBER	STATUS	STATUS
D1	130'	0'	1	2100 LTE	BXA-171063-12CF-EDIN	RMV	1	-
			2	-	BXA-80080-6CF-EDIN-X	REL	2	-
			3	-	BXA-171063	RMN	3	-
			4	700 LTE	BXA-70063-6CF-EDIN-X	RMV	4	RRH2x60 700
D2	130'	120'	1	2100 LTE	BXA-171063-12CF-EDIN	RMV	1	-
			2	-	BXA-80080-6CF-EDIN-X	REL	2	-
			3	-	BXA-171063	RMN	3	-
			4	700 LTE	BXA-70063-6CF-EDIN-X	RMV	4	RRH2x60 700
D3	130'	240'	1	2100 LTE	BXA-171063-12CF-EDIN	RMV	1	-
			2	-	BXA-80080-6CF-EDIN-X	REL	2	-
			3	-	BXA-171063	RMN	3	-
			4	700 LTE	BXA-70063-6CF-EDIN-X	RMV	4	RRH2x60 700
CURRENT FIBER DISTRIBUTION / OVP BOX				CURRENT CABLING SUMMARY				
LOCATION	POS	BAND	MODEL NUMBER	STATUS	COAX	HYBRID	STATUS	STATUS
-	-	-	-	-	-	-	-	-

CURRENT ANTENNA AND RF EQUIPMENT SCHEDULE									
ANTENNA SUMMARY						NON ANTENNA SUMMARY			
LOCATION	SECTOR	RAD	AZ	POS	BAND	MODEL NUMBER	STATUS	STATUS	
D1	130'	0'	1	-	BXA-80080-6CF-EDIN-X	REL	1	B66A RRH 4X45	ADD
			2	700/850/1900/2100 LTE	(2) JAHH-65B-R3B	ADD	2	B5 RRH4X40-850	ADD
			3	-	BXA-171063	RMN	3	PCS B25 RRH2X60/4X30	ADD
			4	-	-	-	4	RRH2x60 700	RMN
D2	130'	120'	1	-	BXA-80080-6CF-EDIN-X	REL	1	B66A RRH 4X45	ADD
			2	700/850/1900/2100 LTE	(2) JAHH-65B-R3B	ADD	2	B5 RRH4X40-850	ADD
			3	-	BXA-171063	RMN	3	PCS B25 RRH2X60/4X30	ADD
			4	-	-	-	4	RRH2x60 700	RMN
D3	130'	240'	1	-	BXA-80080-6CF-EDIN-X	REL	1	B66A RRH 4X45	ADD
			2	700/850/1900/2100 LTE	(2) JAHH-65B-R3B	ADD	2	B5 RRH4X40-850	ADD
			3	-	BXA-171063	RMN	3	PCS B25 RRH2X60/4X30	ADD
			4	-	-	-	4	RRH2x60 700	RMN
CURRENT FIBER DISTRIBUTION / OVP BOX				CURRENT CABLING SUMMARY					
LOCATION	POS	BAND	MODEL NUMBER	STATUS	COAX	HYBRID	STATUS	STATUS	
PLATFORM	-	-	(2) DB-T1-6Z-8AB-0Z	ADD	-	(2) 1-5/8"	ADD	-	

3 ANTENNA AND RF EQUIPMENT SCHEDULES

CABLE LENGTHS FOR FIBER AND DC JUMPERS FROM FIBER DISTRIBUTION / OVP BOX TO RRU: 20' JUMPERS

STATUS ABBREVIATIONS  
 RMV: TO BE REMOVED  
 REL: TO BE RELOCATED  
 DSC: TO BE DISCONNECTED AND TO REMAIN  
 RMN: TO REMAIN AND TO REMAIN

**AMERICAN TOWER®**  
**ATC TOWER SERVICES**  
 3500 REGENCY PARKWAY  
 SUITE 100  
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NORTH HAVEN, CT 06473

SEAL:

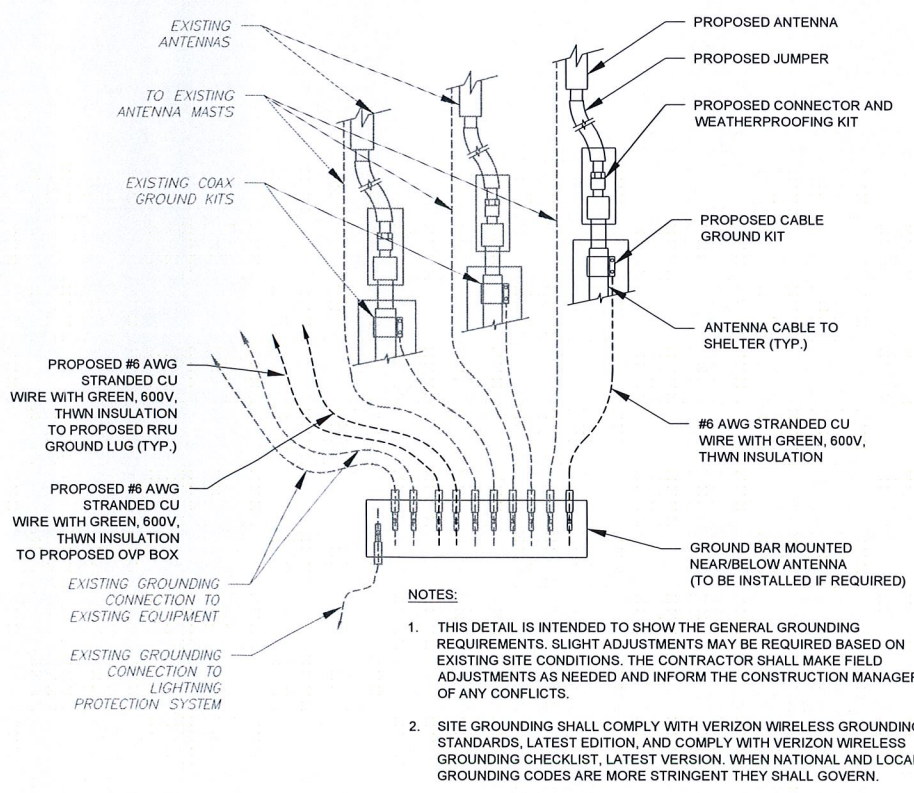
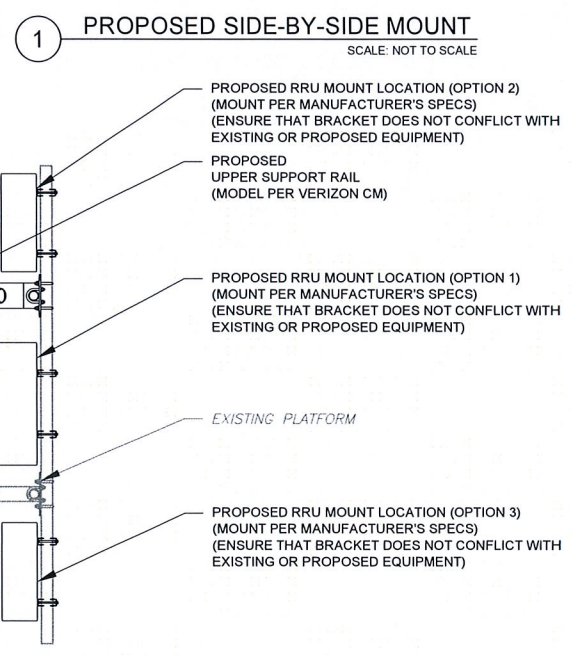
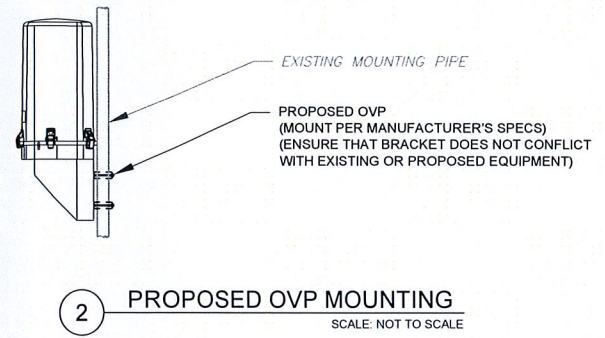
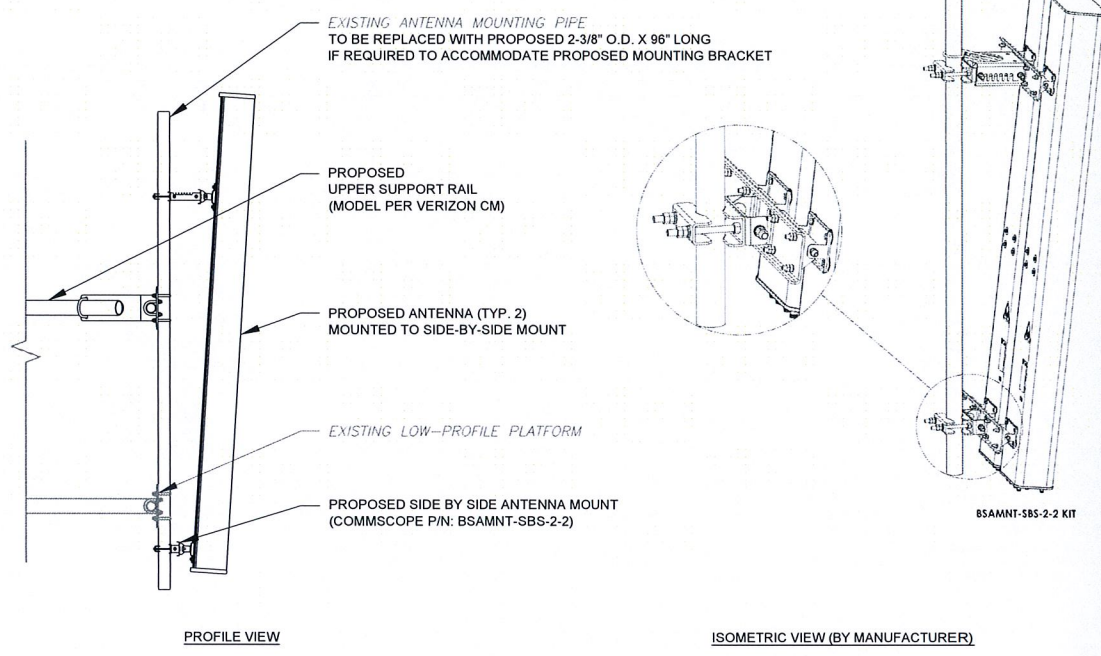
Nov 27 2017 2:13 PM cosign


DRAWN BY:	KL
APPROVED BY:	KRF
DATE DRAWN:	11/27/17
ATC JOB NO:	12155846
CUSTOMER ID:	NORTH HAVEN WEST CT

**RF SCHEDULE AND ANTENNA INSTALLATION**

SHEET NUMBER:	REVISION:
<b>C-501</b>	<b>0</b>

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REV.	DESCRIPTION	BY	DATE
0	FOR CONSTRUCTION	KL	11/27/17


ATC SITE NUMBER:  
**283418**


ATC SITE NAME:  
**NORTH HAVEN CT**

SITE ADDRESS:  
50 DEVINE STREET  
NORTH HAVEN, CT 06473

SEAL:



Nov 27 2017 2:13 PM 



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**CONSTRUCTION DETAILS**

SHEET NUMBER:	REVISION:
<b>C-502</b>	<b>0</b>

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