STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:	:	
	:	
A PETITION OF CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS FOR A DECLARATORY RULING FOR APPROVAL OF AN ELIGIBLE FACILITY REQUEST FOR MODIFICATIONS TO AN EXISTING TELECOMMUNICATIONS TOWER AT 1 WESTERBERG DRIVE, FARMINGTON, CONNECTICUT	:	SUB-PETITION NO. 1133 1 WESTERBERG DRIVE FARMINGTON, CT
	:	MARCH 19, 2015

SUB-PETITION FOR DECLARATORY RULING:
ELIGIBLE FACILITIES REQUEST FOR MODIFICATIONS
THAT WILL NOT SUBSTANTIALLY CHANGE THE
PHYSICAL DIMENSIONS OF AN EXISTING TOWER

I. Introduction

Pursuant to Section 6409(a) of the Middle Class Tax Relief and Job Creation Act of 2012, codified at 47 U.S.C. § 1455(a) ("Section 6409(a)") and the October 21, 2014 Report and Order (FCC-14-533) issued by the Federal Communications Commission ("FCC") (the "FCC Order"), Cellco Partnership d/b/a Verizon Wireless ("Cellco") hereby petitions the Connecticut Siting Council (the "Council") for a declaratory ruling ("Sub-Petition") that the proposed modifications to the existing SBA telecommunications facility at 1 Westerberg Drive in Farmington, Connecticut constitutes an Eligible Facilities Request ("EFR") under the FCC Order. Cellco has designated this cell site as its Farmington 2 Facility.

II. Factual Background

SBA maintains an existing 155-foot flagpole tower at the Town of Farmington Waste Water Treatment Facility at 1 Westerberg Drive in Farmington (the "Property"). The Council approved this tower in Docket No. 282. The Property is surrounded by commercial, agricultural

and open space uses. *See* Attachment 1 – Site Vicinity and Site Schematic Maps (Aerial Photograph). The existing tower is shared by AT&T Wireless, Sprint and T-Mobile. Equipment associated with the existing antennas is located on the ground near the base of the tower inside a fenced compound within a 100' x 100' leased area.

Cellco is licensed to provide wireless telecommunications services in the 850 MHz, 1900 MHz, 700 MHz and 2100 MHz frequency ranges in Farmington and throughout the State of Connecticut and intends to deploy its 700 MHz and 2100 MHz frequencies at the Farmington 2 Facility.

III. Proposed Farmington 2 Facility Modifications

At the Farmington 2 Facility, Cellco will install a total of three (3) antennas, inside the flagpole tower, at a height of 120 feet above ground level ("AGL"). Cellco will install its equipment inside an existing 12' x 20' shelter, recently abandoned by Nextel Communications, on a steel platform in the southeasterly corner of the fenced compound.[1] To accommodate its back-up power needs at this facility, Cellco plans to extend the existing steel platform and install a 35 kW propane-fueled generator adjacent to its shelter. Cellco will also install a 1,000 gallon propane tank at grade, to the north of the AT&T shelter. Power and telephone service will extend from the existing utility service at the tower site. Project Plans for the Farmington 2 Facility are included in Attachment 2. Specifications for Cellco's antennas and back-up generator along with a Structural Analysis Report, confirming that the tower can accommodate Cellco's proposed modifications are included in Attachment 3.

[1] All equipment associated with this wireless facility is elevated above the base flood elevation at the site.

IV. Discussion

A. The Proposed Modification Will Not Cause a Substantial Change to the Physical Dimensions of the Existing Base Station

Section 6409(a) provides, in relevant part, that "a State or local government may not deny, and shall approve, any eligible facilities request for a modification of an existing wireless tower or base station that does not substantially change the physical dimensions of such tower or base station." Pursuant to the FCC Order, the proposed modification does not substantially change the physical dimensions of the base station if the following criteria are satisfied.

1. *The proposed modified facility will not increase the height of the base station by more than ten (10) percent or ten (10) feet, whichever is greater.* Cellco proposes to install its antennas at the 120-foot level on the existing 155-foot flagpole tower and will not increase the height of the tower.

2. *The proposed facility will not protrude from the edge of the structure more than six (6) feet.* The proposed antennas will be installed inside the existing flagpole tower and will not protrude at all from the edge of the structure in any fashion.

3. *The proposed facility does not involve installation of more than the standard number of new equipment cabinets for the technology involved, but not to exceed four cabinets.* Cellco intends to utilize Nextel's abandoned 12' x 20' shelter to house its radio equipment. Cellco will also extend the steel mounting platform to accommodate a propane-fueled back-up generator. A 1,000 gallon propane tank will also be installed at grade in the northeast portion of the leased area.

4. *The proposed facility does not entail any excavation or deployment outside the current site of the base station.* All improvements developed as a part of this proposal will occur within the limits of the existing leased area.

5. *The proposed facility does not defeat the existing concealment elements of the base station.* Cellco's antennas will be concealed inside the flagpole tower.

6. *The proposed facility complies with conditions associated with the prior approval of construction or modification of the base station.* Cellco's shared use of the existing facility is consistent with all conditions in the Council's Decision and Order in Docket No. 282.

B. FCC Compliance

Radio frequency ("RF") emissions from Cellco's proposed installation will be far below the standards adopted by the FCC. Included in Attachment 4 is a worst-case cumulative RF emissions calculation for all existing and Cellco's proposed antennas.

C. Notice to the Town, Property Owner and Abutting Landowners

On March 19, 2015, a copy of this Sub-Petition was sent to Farmington's Town Manager, Kathleen Eagen. The Town of Farmington owns the Property. *See* Attachment 5. A copy of this Sub-Petition was also sent to each owner of land that abuts the Property. A sample abutter's cover letter and the list of those abutting landowners who were sent a copy of the Sub-Petition is included in Attachment 6.

V. Conclusion

Based on the information provided above, Cellco respectfully submits that the proposed modification of the existing base station at the Property constitutes an "eligible facilities request" under Section 6409(a) and the FCC Order.

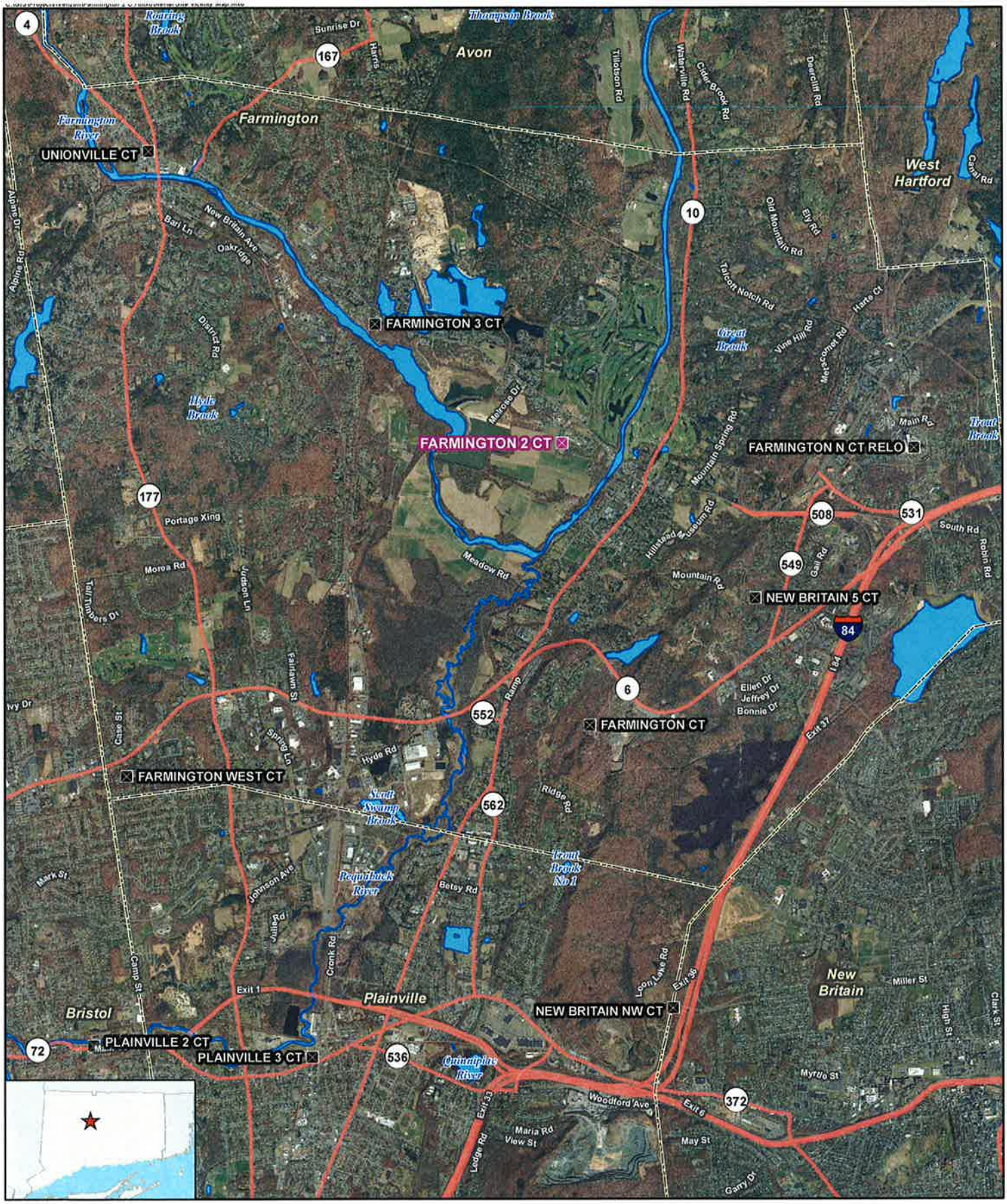
Respectfully submitted,

CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS

By _____

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597
(860) 275-8200
Its Attorneys

ATTACHMENT 1



Legend

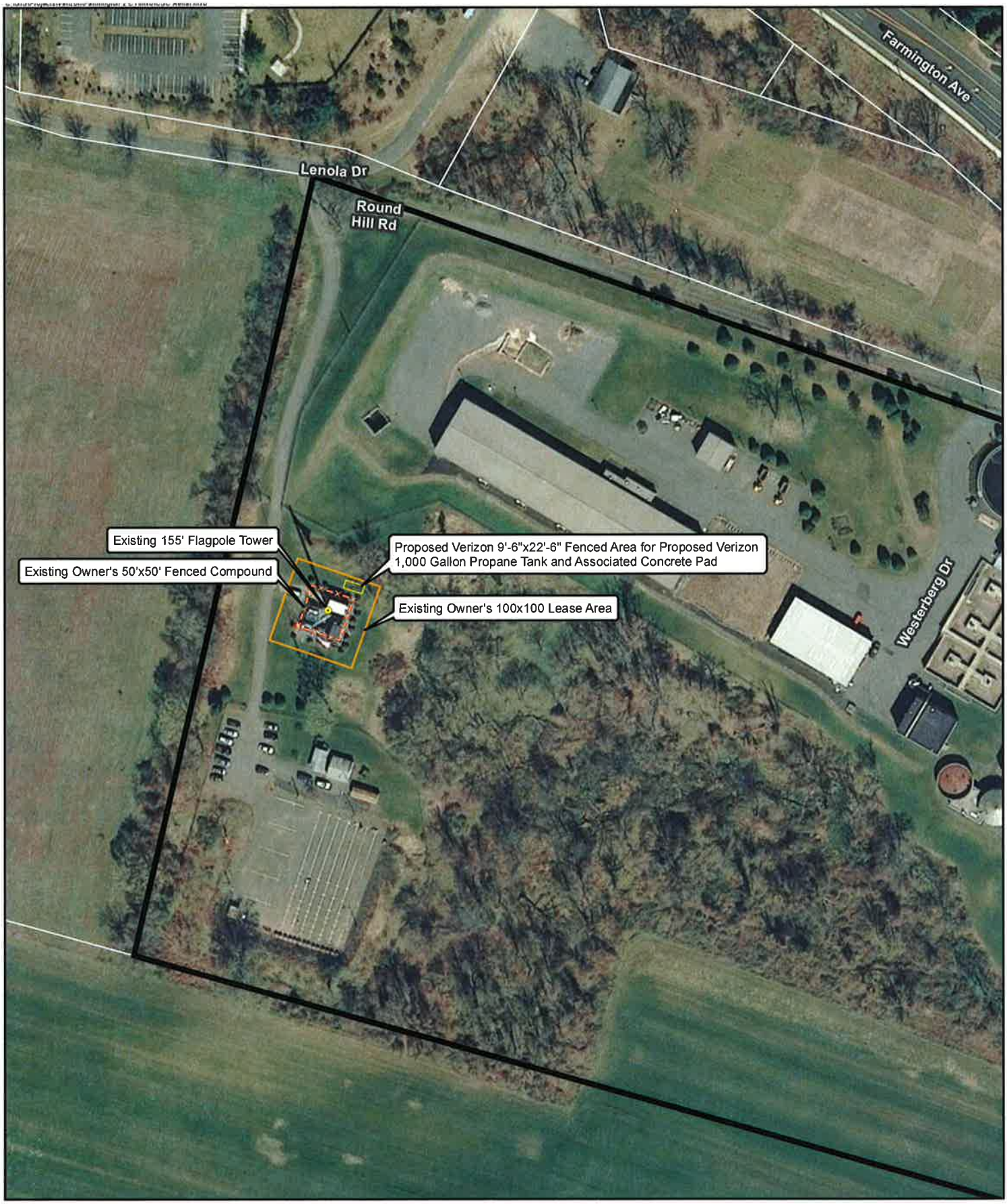
- Proposed Verizon Wireless Facility
- Surrounding Verizon Wireless Facilities
- Municipal Boundary
- Waterbody

Site Vicinity Map

Proposed Wireless
Telecommunications Facility
Farmington 2 CT
1 Westerberg Drive
Farmington, Connecticut

Base Map Source: 2012 Aerial Photograph (CTECO)
Map Scale: 1 inch = 4,500 feet
Map Date: March 2015

4,500 2,250 0 4,500
Feet



Legend

- Existing +/-155' Flagpole Tower
- Proposed Verizon Equipment Layout
- Owner's 50'x50' Fenced Compound
- Owner's 100'x100' Lease Area
- Subject Property
- Approximate Parcel Boundary (CTDEEP GIS)

N
W E
S

150 75 0 150
Feet

Aerial Photograph

Proposed Wireless
Telecommunications Facility
Farmington 2 CT
1 Westerberg Drive
Farmington, Connecticut

verizon wireless

ALL-POINTS

Map Notes:
Base Map Source: 2012 Aerial Photograph (CT ECO)
Map Scale:1 inch = 150 feet
Map Date: March 2015

ATTACHMENT 2

Cellco Partnership

d.b.a. verizon wireless

WIRELESS COMMUNICATIONS FACILITY

FARMINGTON 2 CT

1 WESTERBERG DRIVE

FARMINGTON, CT 06032

SITE DIRECTIONS

FROM: 99 EAST RIVER DRIVE, EAST HARTFORD, CONNECTICUT **TO:** 1 WESTERBERG DRIVE, FARMINGTON, CT 06032

1. Head northeast on E River Dr toward Dorlin St.	0.3 mi
2. Turn left to stay on E River Dr	0.8 mi
3. Take the first left onto CT Blvd/US-44 W	0.1 mi
4. Merge onto I-84/US-6 W via the ramp on the left toward Hartford	8.4 mi
5. Merge onto CT-508/Farmington Ave via exit 39 toward CT-4/Farmington	1.1 mi
6. Stay straight to go onto CT-4/Farmington	1.4 mi
7. Turn left onto Round Hill Road	0.08 mi
8. Take the first left onto Westerberg Drive	0.08 mi

GENERAL NOTES

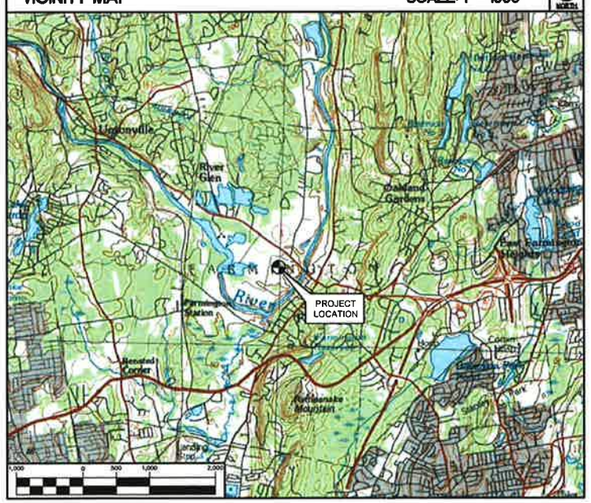
1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELLCO PARTNERSHIP.

PROJECT SCOPE

1. THE PROPOSED SCOPE OF WORK GENERALLY INCLUDES THE ACQUISITION OF THE EXISTING 12' x 20' NEXTEL EQUIPMENT SHELTER BY CELLCO PARTNERSHIP. THE EXISTING NEXTEL PLATFORM TO BE EXTENDED TO ACCOMMODATE CELLCO PARTNERSHIP'S PROPOSED EMERGENCY BACKUP POWER GENERATOR.
2. A TOTAL OF THREE (3) ANTENNAS ARE PROPOSED TO BE MOUNTED WITHIN EXISTING RF TRANSPARENT FLAGPOLE TOWER WITH AN ANTENNA CENTERLINE ELEVATION AT ±120' A.G.L.
3. CELLCO PARTNERSHIP TO ASSUME OWNERSHIP OF EXISTING UTILITY CONDUITS PRESENTLY ROUTED TO EXISTING ABANDONED NEXTEL SHELTER.
4. THERE WILL NOT BE ANY LIGHTING UNLESS REQUIRED BY THE FCC OR THE FAA.
5. THERE WILL NOT BE ANY SIGNS OR ADVERTISING ON THE ANTENNAS OR EQUIPMENT.

VICINITY MAP

SCALE: 1" = 1000'



PROJECT SUMMARY

SITE NAME:	FARMINGTON 2 CT
SITE ADDRESS:	1 WESTERBERG DRIVE FARMINGTON, CT 06032
PROPERTY OWNER:	109 FEDERAL ROAD LLC 2 STONY HILL ROAD SUITE 201 BETHEL, CT 06801
APPLICANT:	CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
VERIZON SITE ACQUISITION CONTACT:	STEVE SCHADLER CELLCO PARTNERSHIP (508) 887-0357
LEGAL/REGULATORY COUNSEL:	KENNETH C. BALDWIN, ESQ. ROBINSON & COLE (860) 275-8345
TOWER COORDINATES:	LATITUDE: 41°-43'-49.77" N LONGITUDE: 72°-50'-7.75" W GROUND ELEVATION: ±183 A.M.S.L. COORDINATES AND GROUND ELEVATION REFERENCED FROM CSC WEB LOG

SHEET INDEX

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
2	03/18/15	KAW	DMD	ISSUED FOR CSC - ADDED ABUTTERS MAP
1	03/12/15	KAW	DMD	ISSUED FOR CSC
0	03/09/15	KAW	DMD	ISSUED FOR CSC-CLIENT REVIEW

PROFESSIONAL ENGINEER SEAL

Cellco Partnership d.b.a. verizon wireless

CENTEK engineering
Centered on Solutions
(203) 488-0580
(203) 488-8587 Fax
63-2 North Branford Road
Branford, CT 06405
www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY

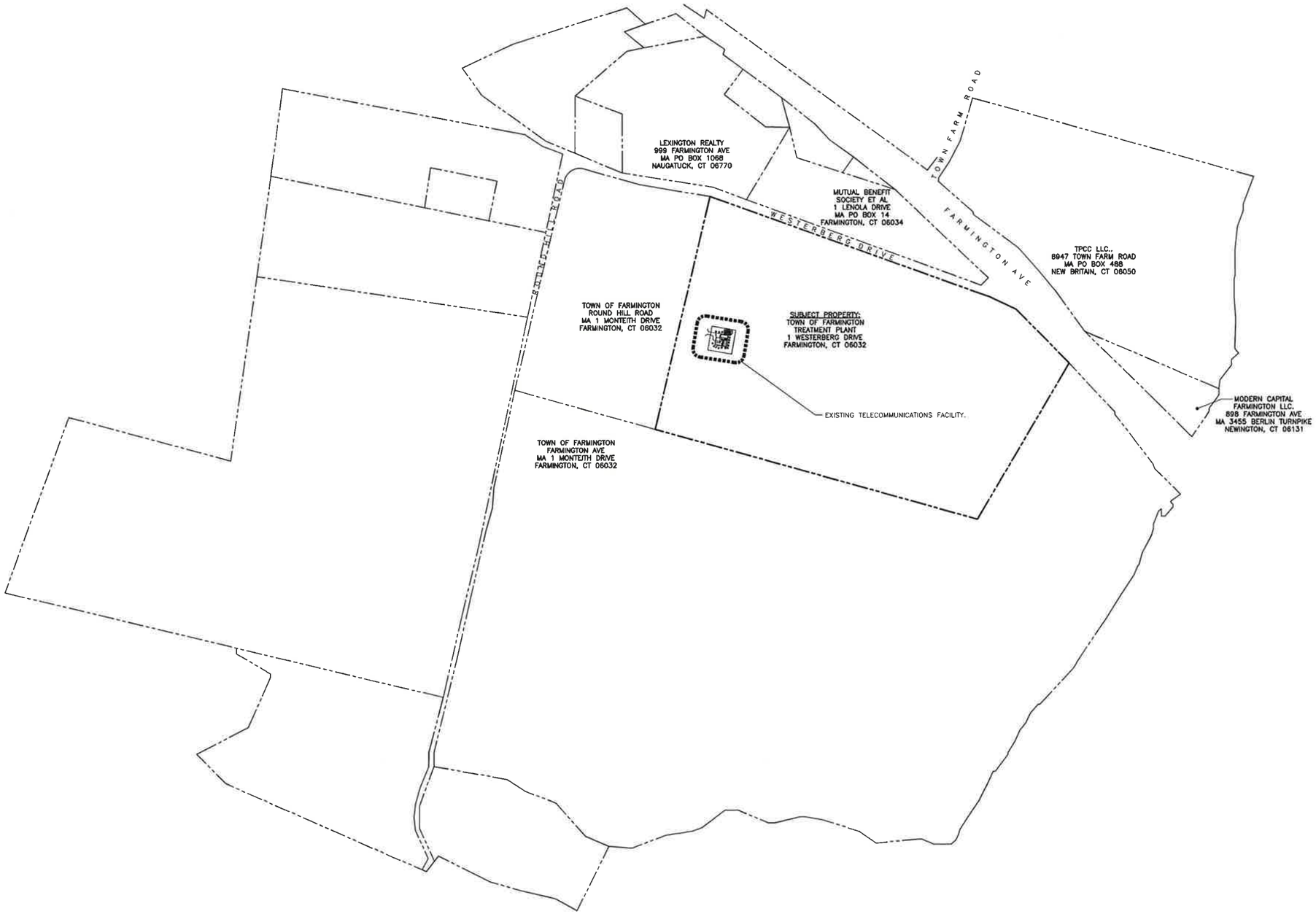
FARMINGTON 2 CT
1 WESTERBERG DRIVE
FARMINGTON, CT 06032

DATE: 03/09/15
SCALE: AS NOTED
JOB NO. 14182.000

TITLE SHEET

T-1

Sheet No. 1 of 3



1 / C-0 ABUTTERS MAP
SCALE: 1" = 200'

APPROXIMATE NORTH

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
3	03/16/15	KAW	DMD	ISSUED FOR CSC - ADDED ABUTTERS MAP
2	03/12/15	KAW	DMD	ISSUED FOR CSC
0	03/09/15	KAW	DMD	ISSUED FOR CSC-CLIENT REVIEW

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CENTEK engineering
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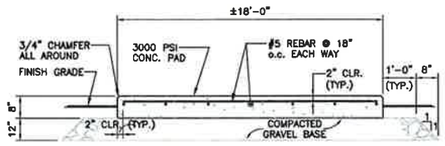
JOB NO. 14182.000

PLAN
ELEVATION AND
ANTENNA CONFIG.

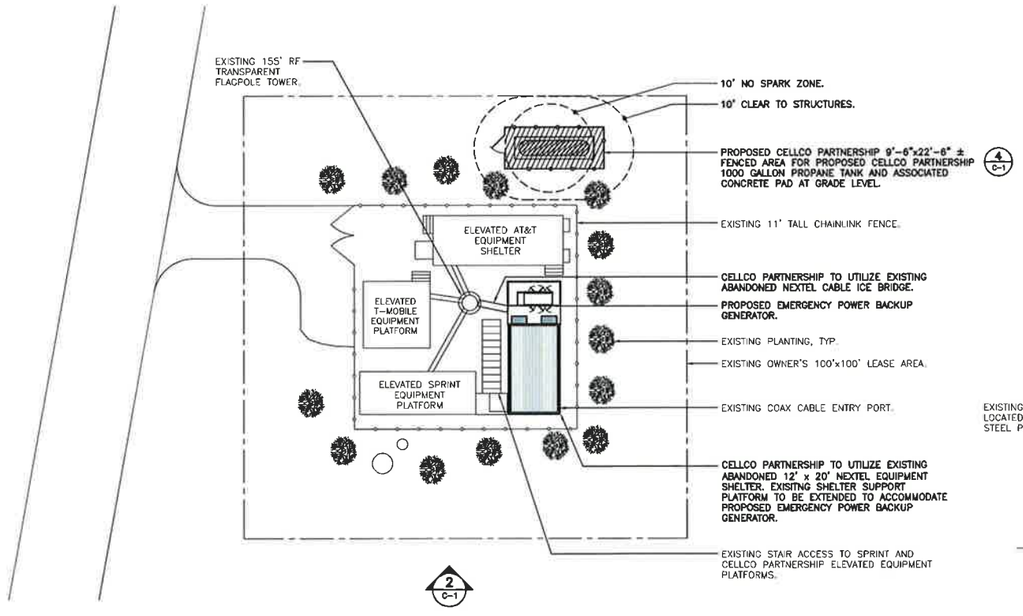
C-1

Sheet No. 2 of 3



4 C-1 **PROPANE TANK PAD DETAIL**
NOT TO SCALE

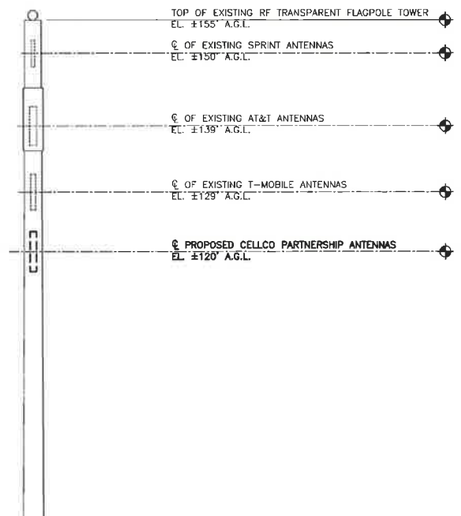
3 C-1 **TYP. ANTENNA MOUNTING CONFIGURATION**
NOT TO SCALE



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

APPROXIMATE NORTH

GRAPHIC SCALE
15 0 7.5 15 30 60
(IN FEET)
1 inch = 15 ft.



2 C-1 **TOWER ELEVATION**
SCALE: 1" = 10'

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
2	03/18/15	KAW	DMD	ISSUED FOR CSC - ADDED ABUTTERS MAP
1	03/12/15	KAW	DMD	ISSUED FOR CSC
0	03/09/15	KAW	DMD	ISSUED FOR CSC-CLIENT REVIEW

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PLAN
ELEVATION AND
ANTENNA CONFIG.

C-1

Sheet No. 3 of 3

ATTACHMENT 3

Product Specifications

COMMSCOPE®

SBNHH-1D65B

Andrew® Tri-band Antenna, 698–896 and 2 x 1710–2360 MHz, 65° horizontal beamwidth, internal RET. Both high bands share the same electrical tilt.

POWERED BY ANDREW.

Electrical Specifications

Frequency Band, MHz	698–806	806–896	1710–1880	1850–1990	1920–2180	2300–2360
Gain, dBi	14.9	14.7	17.7	18.2	18.6	18.6
Beamwidth, Horizontal, degrees	68	66	69	66	63	58
Beamwidth, Vertical, degrees	12.1	10.7	5.6	5.2	5.0	4.5
Beam Tilt, degrees	0–14	0–14	0–7	0–7	0–7	0–7
USLS, dB	14	13	15	15	15	13
Front-to-Back Ratio at 180°, dB	27	29	28	28	28	27
CPR at Boresight, dB	20	23	20	20	17	21
CPR at Sector, dB	14	10	12	10	9	1
Isolation, dB	25	25	25	25	25	25
Isolation, Intersystem, dB	30	30	30	30	30	30
VSWR | Return Loss, dB	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0	1.5 | 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153	-153
Input Power per Port, maximum, watts	350	350	350	350	350	300
Polarization	±45°	±45°	±45°	±45°	±45°	±45°

Electrical Specifications, BASTA*

Frequency Band, MHz	698–806	806–896	1710–1880	1850–1990	1920–2180	2300–2360
Gain by all Beam Tilts, average, dBi	14.5	14.3	17.4	17.9	18.2	18.3
Gain by all Beam Tilts Tolerance, dB	±0.5	±0.8	±0.4	±0.3	±0.5	±0.3
Gain by Beam Tilt, average, dBi	0 ° | 14.6	0 ° | 14.5	0 ° | 17.4	0 ° | 17.8	0 ° | 18.1	0 ° | 18.2
	7 ° | 14.6	7 ° | 14.4	3 ° | 17.5	3 ° | 17.9	3 ° | 18.3	3 ° | 18.4
	14 ° | 14.2	14 ° | 13.6	7 ° | 17.4	7 ° | 17.9	7 ° | 18.2	7 ° | 18.4
Beamwidth, Horizontal Tolerance, degrees	±2.2	±3.4	±2	±4.6	±5.7	±4.3
Beamwidth, Vertical Tolerance, degrees	±0.8	±1	±0.3	±0.2	±0.3	±0.2
USLS, dB	16	14	16	16	16	15
Front-to-Back Total Power at 180° ± 30°, dB	25	26	27	26	26	26
CPR at Boresight, dB	22	23	21	20	20	22
CPR at Sector, dB	13	11	16	12	11	4

* CommScope® supports NGMN recommendations on Base Station Antenna Standards (BASTA). To learn more about the benefits of BASTA, download the whitepaper Time to Raise the Bar on BSAs.

Mechanical Specifications

Color | Radome Material	Light gray | Fiberglass, UV resistant
Connector Interface | Location | Quantity	7-16 DIN Female | Bottom | 6
Wind Loading, maximum	617.7 N @ 150 km/h 138.9 lbf @ 150 km/h
Wind Speed, maximum	241.4 km/h | 150.0 mph
Antenna Dimensions, L x W x D	1828.0 mm x 301.0 mm x 181.0 mm | 72.0 in x 11.9 in x 7.1 in
Net Weight	18.4 kg | 40.6 lb

GENERAC® | INDUSTRIAL POWER

SG035 35 kW

SG035

5.4L

Industrial Spark-Ignited Generator Set

EPA Certified Stationary Emergency

Standby Power Rating
35 kW 44 kVA 60 Hz

Prime Power Rating*
32 kW 39 kVA 60 Hz

ISO 9001:2008

USA ENGINEERED & BUILT

*EPA Certified Prime ratings are not available in the U.S. or its Territories

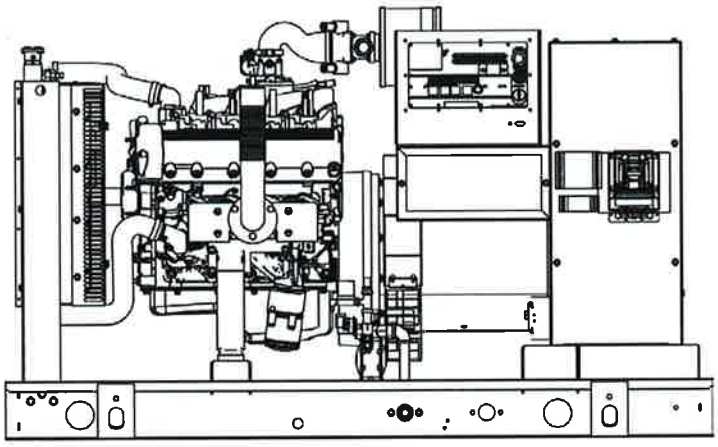


Image used for illustration purposes only

Codes and Standards

Generac products are designed to the following standards:

cULus	UL2200, UL508, UL142, UL498
NFPA	NFPA70, 99, 110, 37
nec	NEC700, 701, 702, 708
ISO 9001 2008	ISO9001, 8528, 3046, 7637, Pluses #2b, 4
NEMA	NEMA ICS10, MG1, 250, ICS6, AB1
ANSI American National Standards Institute	ANSI C62.41
ICC oshpd	IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Powering Ahead

For over 50 years, Generac has led the industry with innovative design and superior manufacturing.

Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac's gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial application under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

GENERAC | INDUSTRIAL POWER

SG035

Standard Features

ENGINE SYSTEM

General

- Oil Drain Extension
- Air Cleaner
- Fan Guard
- Stainless Steel flexible exhaust connection
- Critical Exhaust Silencer (enclosed only)
- Factory Filled Oil
- Radiator duct adapter (open set only)

Fuel System

- Primary and Secondary Fuel Shutoff
- Flexible Fuel Line - NPT Connection

Cooling System

- Closed Coolant Recovery System
- UV/Ozone resistant hoses
- Factory-installed Radiator
- Radiator drain extension
- 50/50 Ethylene glycol antifreeze

Engine Electrical System

- Battery charging alternator
- Battery Cables
- Battery Tray
- Solenoid activated starter motor
- Rubber-booted engine electrical connections

ALTERNATOR SYSTEM

- UL2200 GENprotect™
- Class H insulation material
- 2/3 Pitch
- Skewed Stator
- Brushless Excitation
- Sealed Bearings
- Amortisseur winding
- Full load capacity alternator

GENERATOR SET

- Internal Genset Vibration Isolation
- Separation of circuits - high/low voltage
- Separation of circuits - multiple breakers
- Wrapped Exhaust Piping
- Standard Factory Testing
- 2 Year Limited Warranty (Standby rated Units)
- 1 Year Warranty (Prime rated units)
- Silencer mounted in the discharge hood (enclosed only)

ENCLOSURE (if selected)

- Rust-proof fasteners with nylon washers to protect finish
- High performance sound-absorbing material
- Gasketed doors
- Stamped air-intake louvers
- Air discharge hoods for radiator-upward pointing
- Stainless steel lift off door hinges
- Stainless steel lockable handles
- Rhino Coat™ - Textured polyester powder coat

CONTROL SYSTEM

Control Panel

- Digital H Control Panel - Dual 4x20 Display
- Programmable Crank Limiter
- 7-Day Programmable Exerciser
- Special Applications Programmable PLC
- RS-232/485
- All-Phase Sensing DVR
- Full System Status
- Utility Monitoring
- Low Fuel Pressure Indication
- 2-Wire Start Compatible
- Power Output (kW)
- Power Factor
- kW Hours, Total & Last Run
- Real/Reactive/Apparent Power
- All Phase AC Voltage
- All Phase Currents
- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Speed
- Battery Voltage
- Frequency
- Date/Time Fault History (Event Log)
- Isochronous Governor Control
- Waterproof/sealed Connectors
- Audible Alarms and Shutdowns
- Not in Auto (Flashing Light)
- Auto/Off/Manual Switch
- E-Stop (Red Mushroom-Type)
- NFPA110 Level I and II (Programmable)
- Customizable Alarms, Warnings, and Events
- Modbus protocol
- Predictive Maintenance algorithm
- Sealed Boards
- Password parameter adjustment protection
- Single point ground
- 15 channel data logging
- 0.2 msec high speed data logging
- Alarm information automatically comes up on the display

Alarms

- Oil Pressure (Pre-programmable Low Pressure Shutdown)
- Coolant Temperature (Pre-programmed High Temp Shutdown)
- Coolant Level (Pre-programmed Low Level Shutdown)
- Low Fuel Pressure Alarm
- Engine Speed (Pre-programmed Over speed Shutdown)
- Battery Voltage Warning
- Alarms & warnings time and date stamped
- Alarms & warnings for transient and steady state conditions
- Snap shots of key operation parameters during alarms & warnings
- Alarms and warnings spelled out (no alarm codes)

GENERAC | INDUSTRIAL POWER

SG035

Configurable Options

ENGINE SYSTEM

General

- ○ Engine Block Heater
- ○ Oil Heater
- ○ Air Filter Restriction Indicator
- ○ Stone Guard (Open Set Only)
- ○ Critical Exhaust Silencer (Open Set Only / Standard on Ultra Low Emissions Option)

Engine Electrical System

- ○ 10A UL battery charger
- ○ 2.5A UL battery charger
- ○ Battery Warmer

ALTERNATOR SYSTEM

- ○ Alternator Upsizing
- ○ Anti-Condensation Heater
- ○ Tropical coating
- ○ Permanent Magnet Excitation

GENERATOR SET

- ○ Gen-Link Communications Software (English Only)
- ○ Extended Factory Testing (3 Phase Only)
- ○ IBC Seismic Certification
- ○ 8 Position Load Center
- ○ 2 Year Extended Warranty
- ○ 5 Year Warranty
- ○ 5 Year Extended Warranty

CIRCUIT BREAKER OPTIONS

- ○ Main Line Circuit Breaker
- ○ 2nd Main Line Circuit Breaker
- ○ Shunt Trip and Auxiliary Contact
- ○ Electronic Trip Breakers

ENCLOSURE

- ○ Standard Enclosure
- ○ Level 1 Sound Attenuation
- ○ Level 2 Sound Attenuation
- ○ Steel Enclosure
- ○ Aluminum Enclosure
- ○ 150 MPH Wind Kit
- ○ 12 VDC Enclosure Lighting Kit
- ○ 120 VAC Enclosure Lighting Kit
- ○ AC/DC Enclosure Lighting Kit
- ○ Door Alarm Switch

CONTROL SYSTEM

- ○ 21-Light Remote Annunciator
- ○ Remote Relay Panel (8 or 16)
- ○ Oil Temperature Sender with Indication Alarm
- ○ Remote E-Stop (Break Glass-Type, Surface Mount)
- ○ Remote E-Stop (Red Mushroom-Type, Surface Mount)
- ○ Remote E-Stop (Red Mushroom-Type, Flush Mount)
- ○ Remote Communication - Modem
- ○ Remote Communication - Ethernet
- ○ 10A Run Relay
- ○ Ground fault indication and protection functions

Engineered Options

ENGINE SYSTEM

- ○ Coolant heater ball valves
- ○ Fluid containment pans

ALTERNATOR SYSTEM

- ○ 3rd Breaker Systems

GENERATOR SET

- ○ Special Testing
- ○ Battery Box

ENCLOSURE

- ○ Motorized Dampers
- ○ Enclosure Ambient Heaters

CONTROL SYSTEM

- ○ Spare inputs (x4) / outputs (x4) - H Panel Only
- ○ Battery Disconnect Switch

Rating Definitions

Standby – Applicable for a varying emergency load for the duration of a utility power outage with no overload capability.
Prime – Applicable for supplying power to a varying load in lieu of utility for an unlimited amount of running time. A 10% overload capacity is available for 1 out of every 12 hours. The Prime Power option is only available on International applications.

Power ratings in accordance with ISO 8528-1, Second Edition dated 2005-06-01, definitions for Prime Power (PRP) and Emergency Standby Power (ESP).

GENERAC | INDUSTRIAL POWER

SG035 application and engineering data

ENGINE SPECIFICATIONS

General

Make	Generac
Cylinder #	8
Type	V
Displacement - L (Cu In)	5.4 (329.53)
Bore - mm (in)	90.17 (3.55)
Stroke - mm (in)	105.92 (4.17)
Compression Ratio	9:1
Intake Air Method	Naturally Aspirated
Number of Main Bearings	4
Connecting Rods	Forged
Cylinder Head	Aluminum
Cylinder Liners	No
Ignition	Single Fire
Pistons	Aluminum Alloy
Crankshaft	Nodular Iron
Lifter Type	Hydraulic
Intake Valve Material	Steel Alloy
Exhaust Valve Material	Hardened Steel
Hardened Valve Seats	Yes

Engine Governing

Governor	Electronic
Frequency Regulation (Steady State)	+/- 0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full-flow spin-on cartridge
Crankcase Capacity - L (qts)	5.7 (6)

Cooling System

Cooling System Type	Pressurized Closed Recovery
Water Pump Flow - gpm (lpm)	38 (144)
Fan Type	Pusher
Fan Speed (rpm)	2143
Fan Diameter mm (in)	508 (20)
Coolant Heater Wattage	1500
Coolant Heater Standard Voltage	120 V

Fuel System

Fuel Type	Natural Gas, Propane Vapor
Carburetor	Down Draft
Secondary Fuel Regulator	Standard
Fuel Shut Off Solenoid	Standard
Operating Fuel Pressure	7" - 11" H_2O

Engine Electrical System

System Voltage	12 VDC
Battery Charging Alternator	Standard
Battery Size	See Battery Index 0161970SBY
Battery Voltage	12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	390
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5%
Telephone Interference Factor (TIF)	<50
Standard Excitation	Brushless
Bearings	Sealed Ball
Coupling	Flexibile Disc
Prototype Short Circuit Test	Yes

Voltage Regulator Type	Full Digital
Number of Sensed Phases	All
Regulation Accuracy (Steady State)	+/- 0.25%

SG035 operating data

POWER RATINGS

	Natural Gas		Propane Vapor	
Single-Phase 120/240 VAC @1.0pf	35 kW	Amps: 146	35 kW	Amps: 146
Three-Phase 120/208 VAC @0.8pf	35 kW	Amps: 121	35 kW	Amps: 121
Three-Phase 120/240 VAC @0.8pf	35 kW	Amps: 105	35 kW	Amps: 105
Three-Phase 277/480 VAC @0.8pf	35 kW	Amps: 53	35 kW	Amps: 53
Three-Phase 346/600 VAC @0.8pf	35 kW	Amps: 42	35 kW	Amps: 42

STARTING CAPABILITIES (sKVA)

sKVA vs. Voltage Dip

		480 VAC						208/240 VAC					
Alternator	kW	10%	15%	20%	25%	30%	35%	10%	15%	20%	25%	30%	35%
Standard	35	24	36	48	60	72	84	18	27	36	45	54	63
Upsize 1	40	27	41	54	68	81	95	20	31	41	51	61	71
Upsize 2	50	34	52	69	86	103	120	26	39	52	65	77	90
Upsize 3	60	42	63	83	104	125	146	32	47	62	78	94	110

FUEL CONSUMPTION RATES*

Natural Gas – ft³/hr (m³/hr)

Percent Load	Standby
25%	239 (6.8)
50%	409 (11.6)
75%	553 (15.7)
100%	682 (19.3)

Propane Vapor – ft³/hr (m³/hr)

Percent Load	Standby
25%	69.8 (2.0)
50%	119.7 (3.4)
75%	161.6 (4.6)
100%	219.8 (6.2)

*Fuel supply installation must accommodate fuel consumption rates at 100% load.

COOLING

		Standby
Air Flow (inlet air combustion and radiator)	ft³/min (m³/min)	2460 (69.7)
Coolant Flow per Minute	gpm (lpm)	38 (144)
Coolant System Capacity	gal (L)	3 (11.36)
Heat Rejection to Coolant	BTU/hr	144,000
Max. Operating Air Temp on Radiator	°F (°C)	122 (50)
Max. Operating Ambient Temperature (before derate)	°F (°C)	110 (43.3)
Maximum Radiator Backpressure	in H_2O	0.5

COMBUSTION AIR REQUIREMENTS

		Standby
Flow at Rated Power	cfm (m3/min)	87 (2.5)

ENGINE

		Standby
Rated Engine Speed	rpm	1800
Horsepower at Rated kW**	hp	54
Piston Speed	ft/min (m/min)	1251 (381)
BMEP	psi	72

** Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

EXHAUST

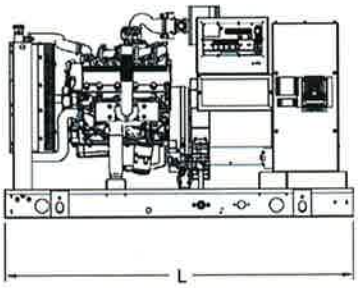
		Standby
Exhaust Flow (Rated Output)	cfm (m³/min)	260 (7.4)
Maximum Recommended Back Pressure	inHg	1.5
Exhaust Temp (Rated Output)	°F (°C)	900 (482)
Exhaust Outlet Size (Open Set)	in	2.5" I.D. Flex (No muffler)

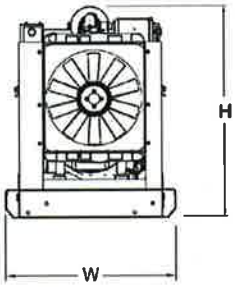
Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528 and DIN6271 standards.

GENERAC | INDUSTRIAL POWER

SG035

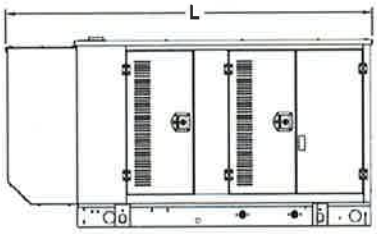
dimensions and weights

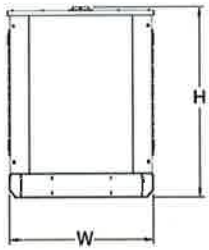




OPEN SET (Includes Exhaust Flex)

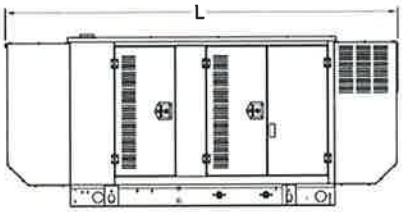
L x W x H in (mm)	76 (1930) x 37.4 (949.9) x 47 (1193.8)
Weight lbs (kg)	1575 (714)

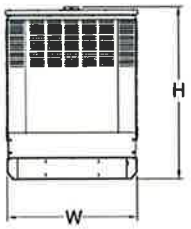




STANDARD ENCLOSURE

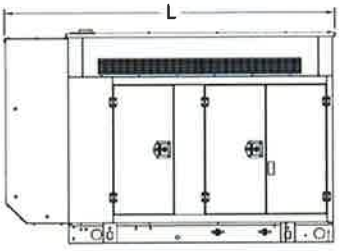
L x W x H in (mm)	94.8 (2408.9) x 38 (965.1) x 49.5 (1258.1)
Weight lbs (kg)	Steel: 2100 (952) Aluminum: 1754 (795)

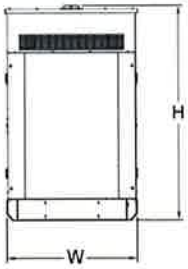




LEVEL 1 ACOUSTIC ENCLOSURE

L x W x H in (mm)	112.5 (2857.1) x 38 (965.1) x 49.5 (1258.1)
Weight lbs (kg)	Steel: 2140 (970) Aluminum: 1767 (801)





LEVEL 2 ACOUSTIC ENCLOSURE

L x W x H in (mm)	94.8 (2407) x 38 (965.1) x 62 (1573.9)
Weight lbs (kg)	Steel: 2328 (1056) Aluminum: 1831 (830)

YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

Specification characteristics may change without notice. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.

FDH Engineering, Inc., 6521 Meridien Drive Raleigh, NC 27616, Ph. 919.755.1012

Structural Analysis for SBA Network Services, Inc.

155' Monopole Tower

SBA Site Name: Water Treatment Plant 2, CT
SBA Site ID: CT46141-A-00
Verizon Site Name: Farmington 2

FDH Project Number 146EDX1400(R1)

Analysis Results

Tower Components	78.3%	Sufficient
Foundation	36.4%	Sufficient

Prepared By:

Jeffrey B. Ray, EI
Project Engineer

Reviewed By:

Bradley R. Newman, PE
Senior Project Engineer
CT PE License No. 29630

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info@fdh-inc.com

STATE OF CONNECTICUT
BRADLEY R. NEWMAN
29630
LICENSED
PROFESSIONAL ENGINEER

11/7/14

November 7, 2014

Prepared pursuant to TIA/EIA-222-F Structural Standards for Steel Antenna Towers and Antenna Supporting Structures

TABLE OF CONTENTS

EXECUTIVE SUMMARY

At the request of SBA Network Services, Inc., FDH Engineering, Inc. performed a structural analysis of the monopole located in Farmington, CT to determine whether the tower is structurally adequate to support both the existing and proposed loads pursuant to the *Structural Standards for Steel Antenna Towers and Antenna Supporting Structures, TIA/EIA-222-F*. Information pertaining to the existing/proposed antenna loading, current tower geometry, geotechnical data, foundation dimensions, and member sizes was obtained from:

- Clarence Welti Associates, Inc. (Site No. CT33XC579) Geotechnical Study for Proposed Sprint Communications Tower dated June 18, 2004
- Sabre Communications Corporation (Job No. 05-07054) Structural Design Report dated September 2, 2004
- Stealth Concealment Solutions, Inc. (Job No. SABR-41059H-00) concealment cylinder design dated September 23, 2004
- Stealth Concealment Solutions, Inc. (Job No. AT12-00957W-05R1) concealment cylinder modification design dated September 18, 2012
- SBA Network Services, Inc.

The *basic design wind speed* per the *TIA/EIA-222-F* standards is 80 mph without ice and 38 mph with 1" radial ice. Ice is considered to increase in thickness with height.

Conclusions

With the existing and proposed antennas from Verizon in place at 120 ft, the tower meets the requirements of the *TIA/EIA-222-F* standards provided the **Recommendation** listed below is satisfied. Furthermore, provided the foundation was constructed per the original design drawings (see Sabre Job No. 05-07054) and given the existing soil parameters (see CWAI Site No. CT33XC579), the foundation should have the necessary capacity to support both the proposed and existing loading. For a more detailed description of the analysis of the tower, see the **Results** section of this report.

Our structural analysis has been performed assuming all information provided to FDH Engineering, Inc. is accurate (i.e., the steel data, tower layout, existing antenna loading, and proposed antenna loading) and that the tower has been properly erected and maintained per the original design drawings.

Recommendation

To ensure the requirements of the *TIA/EIA-222-F* standards are met with the existing and proposed loading in place, we have the following recommendation:

1. The proposed coax should be installed inside the pole's shaft.

APPURTENANCE LISTING

The proposed and existing antennas with their corresponding cables/coax lines are shown in **Table 1**. *If the actual layout determined in the field deviates from the layout, FDH Engineering, Inc. should be contacted to perform a revised analysis.*

Table 1 - Appurtenance Loading

Existing Loading:

Antenna Elevation (ft)	Description	Coax and Lines	Carrier	Mount Elevation (ft)	Mount Type
150	(3) RFS APXVSPP18-C-A20 (4) RFS ACU-A20-N	(12) 1-5/8"	Sprint	150	Inside Concealment Cylinder
139	(3) Powerwave P65-17-XLH-RR (3) CCI DTMABP7819VG12A	(6) 1-5/8"	AT&T	139	
129	(3) RFS APX18-206517S-C-A20 (3) RFS ATMAA1412D-1A20[1] (3) Ericsson KRY112 144/1[1]	(6) 1-5/8"	T-Mobile	129	

1. T-Mobile's (3) RFS ATMAA1412D-1A20 TMAs, and (3) Ericsson KRY112 144/1 TMAs are to be ground mounted but may be mounted on the tower provided they fit inside the concealment cylinder.

Proposed Carrier Final Loading:

Antenna Elevation (ft)	Description	Coax and Lines	Carrier	Mount Elevation (ft)	Mount Type
120	(3) Commscope SBNHH-1D65B	(12) 1-5/8"	Verizon	120	Inside Concealment Cylinder

RESULTS

The following yield strength of steel for individual members was used for analysis:

Table 2 - Material Strength

Member Type	Yield Strength
Tower Shaft Sections	35ksi , 65 ksi, and 75 ksi
Flange Plate	50 ksi
Flange Bolts	55 ksi
Base Plate	60 ksi
Anchor Bolts	75 ksi

Table 3 displays the summary of the ratio (as a percentage) of force in the member to their capacities. Values greater than 100% indicate locations where the maximum force in the member exceeds its capacity. *Note: Capacities up to 105% are considered acceptable.* **Table 4** displays the maximum foundation reactions.

If the assumptions outlined in this report differ from actual field conditions, FDH Engineering, Inc. should be contacted to perform a revised analysis. Furthermore, as no information pertaining to the allowable twist and sway requirements for the existing or proposed appurtenances was provided, deflection and rotation were not taken into consideration when performing this analysis.

See the **Appendix** for detailed modeling information

Table 3 - Summary of Working Percentage of Structural Components

Section No.	Elevation ft	Component Type	Size	% Capacity*	Pass Fail
L1	155 – 135.375	Pole	TP5x5x0.625	41.6	Pass
		Flange Bolts	(6) 1.125"ø w/ 21.5" BC	11.4	Pass
		Flange Plate	PL 27.125"ø x 1.5" thk.	17.2	Pass
L4	135.375 - 115.75	Pole	TP8x8x1	60.8	Pass
		Flange Bolts	(6) 1.5"ø w/ 23.5" BC	22.4	Pass
		Flange Plate	PL 29.125"ø x 3" thk.	76.2	Pass
L7	115.75 - 97.75	Pole	TP32.25x30x0.25	15.6	Pass
L8	97.75 - 48.25	Pole	TP38.02x31.243x0.25	42.2	Pass
L9	48.25 - 0	Pole	TP43.67x36.9183x0.25	78.3	Pass
--	--	Anchor Bolts	(8) 2.25"ø w/ 50" BC	67.3	Pass
--	--	Base Plate	SQ PL 47" x 2.25" thk.	70.3	Pass

**Capacities include 1.33 allowable stress increase for wind per TIA/EIA-222-F.*

Table 4 - Maximum Base Reactions

Base Reactions	Current Analysis* *(TIA/EIA-222-F)*
Axial	23 k
Shear	14 k
Moment	1,117 k-ft

**Foundation determined to be adequate per independent analysis.*

GENERAL COMMENTS

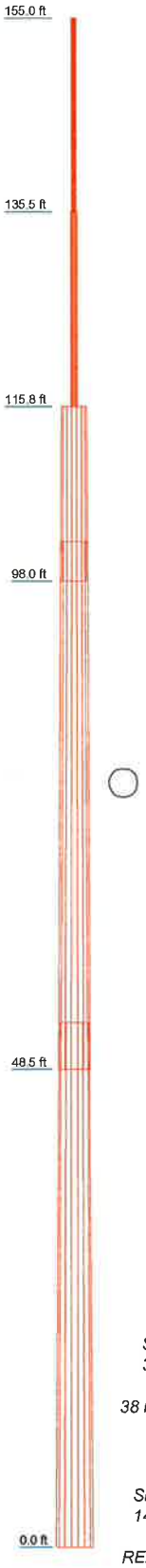
This engineering analysis is based upon the theoretical capacity of the structure. It is not a condition assessment of the tower and its foundation. It is the responsibility of SBA Network Services, Inc. to verify that the tower modeled and analyzed is the correct structure (with accurate antenna loading information) modeled. If there are substantial modifications to be made or the assumptions made in this analysis are not accurate, FDH Engineering, Inc. should be notified immediately to perform a revised analysis.

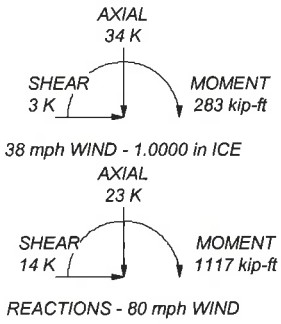
LIMITATIONS

All opinions and conclusions are considered accurate to a reasonable degree of engineering certainty based upon the evidence available at the time of this report. All opinions and conclusions are subject to revision based upon receipt of new or additional/updated information. All services are provided exercising a level of care and diligence equivalent to the standard and care of our profession. No other warranty or guarantee, expressed or implied, is offered. Our services are confidential in nature and we will not release this report to any other party without the client's consent. The use of this engineering work is limited to the express purpose for which it was commissioned and it may not be reused, copied, or distributed for any other purpose without the written consent of FDH Engineering, Inc.

APPENDIX

Section	1	2	3	4	5
Length (ft)	19.50	19.75	17.75	53.50	53.25
Number of Sides	0	0	16	16	16
Thickness (in)	0.6250	1.0000	0.2500	0.2500	0.2500
Socket Length (ft)			4.00	4.75	
Top Dia (in)	5.0000	8.0000	30.0000	31.2430	36.9183
Bot Dia (in)	5.0000	8.0000	32.2500	38.0200	43.6700
Grade	A513 Type 5 (DOM)	A513 Type 5 (DOM)	ASTM A519 Type 1026 (HFS)	A572-65	A572-65
Weight (K)	0.6	1.5	1.5	5.0	5.8





38 mph WIND - 1.0000 in ICE

REACTIONS - 80 mph WIND

DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Truck Ball	155.75	Canister Load3	135.375
Canister Load1	155	APX18-206517S-C-A20 w/ Mount Pipe	129
APXVSPP18-C-A20 w/Mount Pipe	150	KRY 112 144/1	129
(2) ACU-A20-N RET	150	KRY 112 144/1	129
ACU-A20-N RET	150	KRY 112 144/1	129
ACU-A20-N RET	150	ATMAA1412D-1A20 TMA	129
APXVSPP18-C-A20 w/Mount Pipe	150	ATMAA1412D-1A20 TMA	129
APXVSPP18-C-A20 w/Mount Pipe	150	ATMAA1412D-1A20 TMA	129
Canister Load2	145.188	APX18-206517S-C-A20 w/ Mount Pipe	129
Flag	145	APX18-206517S-C-A20 w/ Mount Pipe	129
DTMABP7819VG12A TMA	139	Canister Load4	125.563
DTMABP7819VG12A TMA	139	SBNHH-1D65B w/ Mount Pipe	123
P65-17-XLH-RR w/Mount Pipe	139	SBNHH-1D65B w/ Mount Pipe	123
P65-17-XLH-RR w/Mount Pipe	139	SBNHH-1D65B w/ Mount Pipe	123
P65-17-XLH-RR w/Mount Pipe	139	Canister Load5	115.75
DTMABP7819VG12A TMA	139		

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A513 Type 5 (DOM)	75 ksi	85 ksi	A572-65	65 ksi	80 ksi
ASTM A519 Type 1026 (HFS)	47 ksi	70 ksi			

TOWER DESIGN NOTES

1. Tower is located in Hartford County, Connecticut.
2. Tower designed for a 80 mph basic wind in accordance with the TIA/EIA-222-F Standard.
3. Tower is also designed for a 38 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 50 mph wind.
5. TOWER RATING: 78.3%

FDH Engineering, Inc.
6521 Meridien Drive, Suite 107
Raleigh, North Carolina
Phone: 9197551012
FAX: 9197551031
Tower Analysis

Job: Water Treatment Plant 2, CT46141-A-00			
Project: 146EDX1400			
Client: SBA Network Services, Inc.	Drawn by: Jeffrey B. Ray	App'd:	
Code: TIA/EIA-222-F	Date: 11/07/14	Scale: NTS	
Path:		Dwg No. E-1	

ATTACHMENT 4

	General	Power	Density					
Site Name: Farmington 2								
Tower Height: 155Ft.								
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**CALC. POWER DENS**	**FREQ.**	**MAX. PERMISS. EXP.**	**FRACTION MPE**	**Total**
*Sprint CDMA/LTE	2	693	150	0.0221	1900	1.0000	2.21%	
*Sprint CDMA/LTE	1	390	150	0.0062	850	0.5667	1.10%	
*Nextel	12	100	120	0.0300	851	0.5673	5.28%	
*T-Mobile	8	157.4	130	0.0268	1935	1.0000	2.68%	
*AT&T UMTS	2	1294	139	0.0482	880	0.5867	8.21%	
*AT&T UMTS	2	1294	139	0.0482	1900	1.0000	4.82%	
*AT&T GSM	1	647	139	0.0120	880	0.5867	2.05%	
*AT&T GSM	4	776	139	0.0578	1900	1.0000	5.78%	
*AT&T LTE	1	1615	139	0.0301	734	0.4893	6.14%	
Verizon PCS	**0**	**457**	**120**	**0.0000**	**1970**	**1.0000**	**0.00%**	
Verizon Cellular	**0**	**414**	**120**	**0.0000**	**869**	**0.5793**	**0.00%**	
Verizon AWS	**1**	**1750**	**120**	**0.0437**	**2145**	**1.0000**	**4.37%**	
Verizon 700	**1**	**1050**	**120**	**0.0262**	**698**	**0.4973**	**5.27%**	
								47.91%
* Source: Siting Council								

ATTACHMENT 5

Robinson+Cole

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts

March 19, 2015

Via Certified Mail, Return Receipt Requested

Kathleen A. Eagen, Town Manager
Town of Farmington
1 Monteith Drive
Farmington, CT 06032

Re: **Proposed Telecommunications Facility Modification at 1 Westerberg Drive, Farmington, Connecticut**

Dear Ms. Eagen:

This firm represents Cellco Partnership d/b/a Verizon Wireless ("Cellco"). Today, Cellco filed a Sub-Petition for Declaratory Ruling ("Sub-Petition") with the Connecticut Siting Council ("Council") seeking approval to modify the existing telecommunications facility at 1 Westerberg Drive in Farmington (the "Property"). Cellco plans to install three (3) antennas inside the existing flagpole tower at the 120-foot level on the tower. Equipment associated with Cellco's antennas will be located inside the existing 12' x 20' shelter located near the base of the tower, recently abandoned by Nextel Communications. Cellco will be the fourth wireless carrier to install antennas inside the flagpole tower, joining Sprint, AT&T and T-Mobile.

As presented in the Sub-Petition, the proposed facility improvements at the Property constitute an "eligible facility request" pursuant to Section 6409(a) of the Federal Middle Class Tax Relief and Job Creation act of 2012 (47 U.S.C. § 1455(a)) and the October 21, 2014 Order of the Federal Communications Commission (FCC-14-533). A copy of the full Sub-Petition is attached for your review. Landowners who own property that abuts the Property were also sent notice of this filing along with a copy of the Sub-Petition.

Pursuant to its recent decision in Petition No. 1133, comments and/or concerns regarding this facility modification proposal should be submitted to the Council within thirty (30) days of the date of the attached Sub-Petition.

Please contact me if you have any questions regarding this proposal.

Sincerely,

Kenneth C. Baldwin

Attachment
Copy to:
Anthony R. Befera

ATTACHMENT 6

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts

March 19, 2015

Via Certified Mail, Return Receipt Requested

«Name_and_Address»

Re: **Proposed Telecommunications Facility Modification at 1 Westerberg Drive, Farmington, Connecticut**

Dear «Salutation»:

This firm represents Cellco Partnership d/b/a Verizon Wireless ("Cellco"). Today, Cellco filed a Sub-Petition for Declaratory Ruling ("Sub-Petition") with the Connecticut Siting Council ("Council") seeking approval to modify the existing telecommunications facility at 1 Westerberg Drive in Farmington (the "Property"). Cellco plans to install three (3) antennas inside the existing flagpole tower at the 120-foot level. Equipment associated with Cellco's antennas will be located inside the existing 12' x 20' shelter located near the base of the tower, recently abandoned by Nextel Communications. Cellco will be the fourth wireless carrier to install antennas inside the flagpole tower, joining Sprint, AT&T and T-Mobile.

As presented in the Sub-Petition, the proposed facility improvements at the Property constitute an "eligible facility request" pursuant to Section 6409(a) of the Federal Middle Class Tax Relief and Job Creation act of 2012 (47 U.S.C. § 1455(a)) and the October 21, 2014 Order of the Federal Communications Commission (FCC-14-533). A copy of the full Sub-Petition is attached for your review. Landowners who own property that abuts the Property were also sent notice of this filing along with a copy of the Sub-Petition.

Pursuant to its recent decision in Petition No. 1133, comments and/or concerns regarding this facility modification proposal should be submitted to the Council within thirty (30) days of the date of the attached Sub-Petition.

This notice is being sent to you because you are listed as an owner of land that abuts the Property. If you have any questions regarding the Sub-Petition, the Council's process for reviewing the Sub-Petition or the details of the filing itself, please feel free to contact me at the number listed above. You may also contact the Council directly at 860-827-2935.

Sincerely,

Kenneth C. Baldwin

Attachment
Copy to:
Anthony R. Befera

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

ABUTTERS LIST
MAP 78/LOT 38

1 WESTERBERG DRIVE
FARMINGTON, CONNECTICUT

	Map/Lot	Property Address	Owner and Mailing Address
1.	78/37	Farmington Avenue	Town of Farmington 1 Monteith Drive Farmington, CT 06032
2.	78/1	902 and 89 Farmington Avenue	Modern Capital Farmington LLC 3455 Berlin Turnpike Newington, CT 06131
3.	78/2 Golf Course	Town Farm Road	TPCC LLC P.O. Box 488 New Britain, CT 06050
4.	77/36	1 Lenola Drive	Mutual Benefit Society Et Al P.O. Box 14 Farmington, CT 06034
5.	77/31 and 33A	999 Farmington Avenue	Lexington Realty LLC P.O. Box 1068 Naugatuck, CT 06770
6.	77/39	Round Hill Road	Town of Farmington 1 Monteith Drive Farmington, CT 06032

CERTIFICATION OF SERVICE

I hereby certify that a copy of the foregoing letter and full Sub-Petition was sent by certified mail, return receipt requested, to each of the parties on the attached list of abutting landowners.

3-19-15
Date

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103

Attorneys for CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS