

March 25, 2026

Via Electronic and U.S. Mail

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

Re: **Notice of Exempt Modification – Facility Modification
96 Clinic Drive, New Britain, Connecticut**

Dear Attorney Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains an existing wireless telecommunications facility at the above-referenced property address (the “Property”). The facility consists of a single cannister antenna and remote radio head supported by a tower mast, on the roof of the existing building. The antenna and remote radio head are screened with a radio frequency transparent faux chimney. Equipment associated with the antenna is located inside the building. The existing telecommunications facility was approved by the Siting Council (“Council”) on July 13, 2015 (Petition No. 1161). A copy of the Council’s Petition No. 1161 approval letter and Staff Report are included in Attachment 1.

Cellco now intends to modify its facility by removing its existing antenna and remote radio head (“RRH”) and installing a new cannister antenna and two new RRHs on the existing tower mast within the faux chimney. The overall height of the faux chimney enclosure will remain the same. A set of project plans showing Cellco’s proposed facility modifications and the specifications for Cellco’s new antenna and RRHs are included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to New Britain’s Chief Elected Official and Land Use Officer. A copy of this letter is being sent to the owner of the Property.

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

34125654-v1

Robinson+Cole

Melanie A. Bachman, Esq.
March 25, 2026
Page 2

1. The proposed modifications will not result in an increase in the height of the existing tower mast antenna. Cellco's new antenna will be installed at the same overall height within the faux chimney structure.

2. The proposed modifications will not require the extension of the project 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 installation of Cellco's new cannister antenna and RRH will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. Included in Attachment 3 is a far-field approximation table demonstrating that the proposed modified facility will comply with the FCC safety standards. The modified facility will be capable of providing Cellco's 5G wireless service.

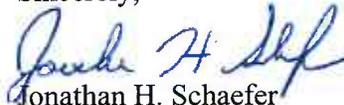
5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.

6. According to the attached Structural Letter ("SL"), the existing antenna pipe mount, faux chimney and host building can support Cellco's proposed modifications. A copy of the SL is included in Attachment 4.

A copy of the parcel map and Property owner information is included in Attachment 5. A Certificate of Mailing verifying that this filing was sent to municipal officials and the property owner is included in Attachment 6.

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

Sincerely,



Jonathan H. Schaefer

Enclosures

Copy to:

Robert Sanchez, Mayor
Jeffrey Cormier, City Planner II
BSD Clinic LLC, Property Owner
Stan Gvinter, Verizon Wireless, via email

ATTACHMENT 1



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

CERTIFIED MAIL RETURN RECEIPT REQUESTED

July 13, 2015

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **PETITION NO. 1161** - Cellco Partnership d/b/a Verizon Wireless petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed installation of a small cell telecommunications facility on the roof of an existing residential apartment building located at 96 Clinic Drive, New Britain, Connecticut.

Dear Attorney Baldwin:

At a public meeting held on July 9, 2015, the Connecticut Siting Council (Council) considered and ruled that the above-referenced proposal would not have a substantial adverse environmental effect, and pursuant to Connecticut General Statutes § 16-50k, would not require a Certificate of Environmental Compatibility and Public Need with the following conditions:

- Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed within three years from the date of the mailing of the Council's decision, this decision shall be void, and the facility owner/operator shall dismantle the facility and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The facility owner/operator shall provide written notice to the Executive Director of any schedule changes as soon as is practicable;
- Any request for extension of the time period to fully construct the facility shall be filed with the Council not later than 60 days prior to the expiration date of this decision and shall be served on all parties and intervenors, if applicable, and the City of New Britain;
- Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by the Petitioner shall be removed within 60 days of the date the antenna ceased to function;
- If the facility ceases to provide wireless services for a period of one year the Petitioner shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council within 90 days from the one year period of cessation of service. The Petitioner may submit a written request to the Council for an extension of the 90 day period not later than 60 days prior to the expiration of the 90 day period; and

- This Declaratory Ruling may be transferred or partially transferred, provided both the facility owner/operator/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. The Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the facility within 30 days of the sale and/or transfer. Both the facility owner/operator/transferor and the transferee shall provide the Council with a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility.

This decision is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the petition dated May 29, 2015.

Enclosed for your information is a copy of the staff report on this project.

Very truly yours,

Handwritten signature of Robert Stein in blue ink, with the initials "MAB" written in red ink to the right of the signature.

Robert Stein
Chairman

RS/MP/lm

Enclosure: Staff Report dated July 9, 2015

- c: The Honorable Erin Stewart, Mayor, City of New Britain
Sergio Lupo, Director of License Permit & Inspections, City of New Britain
The Honorable Rachelle Rochette, Mayor, Town of Berlin
Denise McNair, Town Manager, Town of Berlin
Maureen Giusti, Zoning Enforcement Officer, Town of Berlin
Marconi Enterprises LLC



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

Petition No. 1161

Cellco

96 Clinic Drive, New Britain

Small Cell Facility

Staff Report

July 9, 2015

On June 1, 2015, the Connecticut Siting Council (Council) received a petition from Cellco Partnership d/b/a Verizon Wireless (Cellco) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed installation of a small cell telecommunications facility at 96 Clinic Drive, New Britain. Currently, Cellco is experiencing capacity issues at its New Britain 4 site (NB4 Site) located at 200 Stanley Street, New Britain. The NB4 Site is operating beyond its capacity limits. Significant residential and commercial development in the vicinity of the NB4 Site, New Britain High School, and Willow Brook Park have been identified as data traffic concentration areas that contribute to the existing capacity problems. In an effort to resolve this capacity problem and provide customers with improved wireless services in the area, Cellco proposes to install a small cell facility. As an additional benefit, this small cell facility would improve 2100 MHz signal strength in portions of southern New Britain and northern Berlin.

Specifically, Cellco would install a small tower on the roof of an existing residential apartment building owned by Marconi Enterprises LLC. The tower would have a single canister-type antenna at the top and one remote radio head (RRH) near its base. The tower, antenna, and RRH would be concealed by a faux chimney. The faux chimney would reach a maximum height of 32.4 feet above ground level (agl). This is approximately 8.6 feet above the existing roof line at 23.8 feet agl. Cellco's equipment would be installed in the basement of the building. Electrical service would connect to existing service inside the building. Telephone service would connect to an existing pole adjacent to the subject property on Clinic Drive.

The subject property is located within New Britain's A-3 Zone. The property is surrounded by a medical office, multi-family residential and single-family residential uses along Clinic Drive, Rackliffe Drive, and Walsh Street. The nearest off-site residential structure is located approximately 110 feet to the north-northeast.

The visual impact is not expected to be significant due to the stealth design and the limited height (i.e. less than nine feet above the roof of the building). There would be no outdoor equipment compound.

The maximum worst-case power density would be 12.8 percent of the applicable limit. No notice is required to the Federal Aviation Administration.

Notice was provided to the City of New Britain, the Town of Berlin (located within 2,500 feet of the proposed project), the property owner, and abutting property owners on or about May 29, 2015. No comments have been received to date.

Cellco contends that this proposed project would not have a substantial adverse environmental impact.

Site Location



Photo-simulation as viewed from Clinic Drive



ATTACHMENT 2

| DATE | BY | REVISION | DESCRIPTION |
|------------|----------|----------|--------------------------|
| 10/26/2025 | AS SHOWN | 2003330 | ISSUED FOR CLIENT REVIEW |



VERIZON WIRELESS
 12001 45th Ave
 06033-2003
 860.246.8789
 www.verizonwireless.com

VERIZON WIRELESS
 NEW BRITAIN SC 2 CT
 96 CLINIC DR
 NEW BRITAIN, CT 06051

DATE: 10/26/2025
 SCALE: AS SHOWN
 JOB NO.: 2003330
 SHEET NO.: **L-1**

LEASE EXHIBIT
 THIS LEASE PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF SITE SURVEY AND FACILITY DESIGN.

SITE COORDINATES:
 LAT.: 41°-38'-56.047" N
 LAT.: 41.648902
 LONG.: 72°-47'-05.038" W
 LONG.: -72.784733

GROUND ELEVATION: ±127' A.M.S.L.
 (SITE COORDINATES AND GROUND ELEVATION REFERENCED FROM VERIZON WIRELESS REDDS AND GOOGLE EARTH ONLINE SOFTWARE.)

- WORK SCOPE INCLUDE:**
 THE PROPOSED LESSEE FACILITY UPGRADE TO CONSIST OF THE FOLLOWING:
- REMOVE EXISTING ANTENNA
 - REMOVE EXISTING RADIO
 - INSTALL (1) PROP. ANTENNA ON EXISTING MOUNT
 - INSTALL (2) PROP. RADIOS ON EXIST./PROP. MOUNTS.
 - INSTALL (1) PROP. DIPLEXER

EUZE SITE NAME:
 NEW BRITAIN SC 2 CT - #SNAP



2 LOCATION PLAN / AERIAL IMAGE
 SCALE: NOT TO SCALE
 NORTH



- EXIST. TOP OF RF TRANSPARENT FAUX CHIMNEY
- EXISTING LESSEE ANTENNA MOUNT LOCATED WITHIN RF TRANSPARENT FAUX CHIMNEY **TO BE REPLACED**
- EXISTING LESSEE ANTENNA MOUNT LOCATED WITHIN RF TRANSPARENT FAUX CHIMNEY **TO REMAIN**
- EXISTING LESSEE PIPE MAST LOCATED WITHIN RF TRANSPARENT FAUX CHIMNEY **TO REMAIN**
- EXISTING LESSEE RADIO AND SUPPORT BRACKET **TO REMAIN**
- EXISTING ROOF PEAK

1 BUILDING IMAGE (EXISTING CONDITIONS)
 SCALE: NOT TO SCALE

| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|----------|-----|------|--|
| 1 | 10/26/20 | ORA | TJR | LEASE EXHIBIT - ISSUED FOR CLIENT REVIEW |



VERIZON WIRELESS
 NEW BRITAIN SC 2 CT
 96 CLINIC DR
 NEW BRITAIN, CT 06051

DATE: 10/26/2020
 SCALE: AS SHOWN
 JOB NO.: 20023300

SHEET NO.
L-3

LEASE EXHIBIT

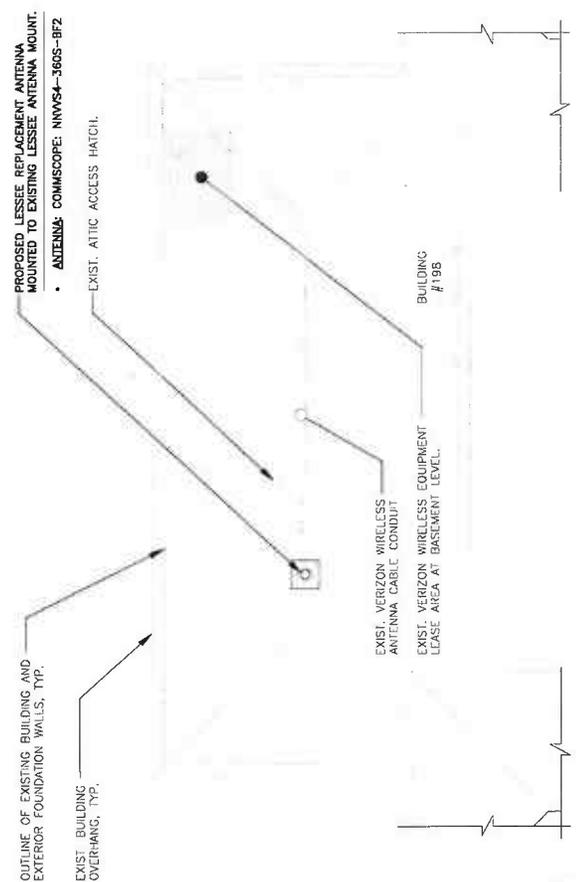
THIS LEASE PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF SITE SURVEY AND FACILITY DESIGN.

WORK SCOPE NOTE:

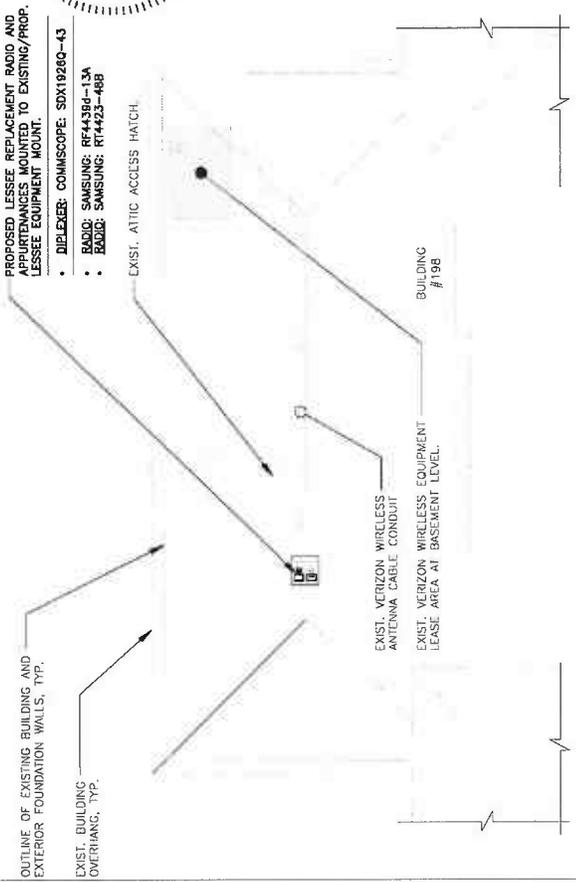
- RADIO: NOKIA: UHC B4 RRH 2X60-4R TO BE REMOVED
- *SEE NOTE ON SHEET L-2, PROPOSED LESSEE REPLACEMENT RADIO AND APFURTENANCES MOUNTED TO PROPOSED LESSEE EQUIPMENT MOUNT.
- RADIO: SAMSUNG: RF4430-2EA
- RADIO: SAMSUNG: RT-4423-4AB
- DIPLEXER: COMMSCOPE SDX19280-43

NOTE:

- CONFIRM DOWNLIFT REQUIREMENTS (IF ANY) AND AZIMUTH SPECIFICATIONS WITH VERIZON WIRELESS RF ENGINEER AT TIME OF CONSTRUCTION.
- MOUNT SHALL BE INSTALLED IN SUCH A WAY TO ENSURE PLUMB INSTALLATION OF "CANTANNA".



1 PROPOSED ANTENNA PLAN
 L-3 SCALE: 1/16" = 1'
 NORTH



2 PROPOSED EQUIPMENT PLAN
 L-3 SCALE: 3/8" = 1'
 NORTH



ANNV54-360S-BFZ

| ANTENNA | | |
|--|--------------------------|------------|
| EQUIPMENT | DIMENSIONS | WEIGHT |
| MAKE: COMMSCOPE MODEL: ANNV54-360S-BFZ | 24.02"H x 14.57"DIAMETER | ±41.8 LBS. |
| NOTES: | | |
| 1. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE AND CONFIRM FINAL EQUIPMENT MAKE/MODEL AND QUANTITY SELECTION WITH VERIZON WIRELESS CONSTRUCTION MANAGER PRIOR TO ORDERING. | | |

1
L-4
PROPOSED ANTENNA DETAIL
SCALE: NOT TO SCALE



RF443B4-25A

| REMOTE RADIO UNIT (RRU) | | |
|--|-----------------------------|-----------|
| EQUIPMENT | DIMENSIONS | WEIGHT |
| MAKE: SAMSUNG MODEL: RF443B4-25A | 14.98"H x 14.98"W x 10.04"D | 74.7 LBS. |
| NOTES: | | |
| 1. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE AND CONFIRM FINAL EQUIPMENT MAKE/MODEL AND QUANTITY SELECTION WITH VERIZON WIRELESS CONSTRUCTION MANAGER PRIOR TO ORDERING. | | |

2
L-4
PROPOSED RADIO DETAIL
SCALE: NOT TO SCALE



RT4423-48

| REMOTE RADIO UNIT (RRU) | | |
|--|------------------------|------------|
| EQUIPMENT | DIMENSIONS | WEIGHT |
| MAKE: SAMSUNG MODEL: RT4423-48(A/B) | 11.8"H x 8.7"W x 3.6"D | 15.43 LBS. |
| NOTES: | | |
| 1. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE AND CONFIRM FINAL EQUIPMENT MAKE/MODEL AND QUANTITY SELECTION WITH VERIZON WIRELESS CONSTRUCTION MANAGER PRIOR TO ORDERING. | | |

3
L-4
PROPOSED RADIO DETAIL
SCALE: NOT TO SCALE



SDX1928Q-43

| DIPLEXER | | |
|--|--------------------------|-----------|
| EQUIPMENT | DIMENSIONS | WEIGHT |
| MAKE: COMMSCOPE MODEL: SDX1928Q-43 | 4.17"H x 6.93"W x 2.91"D | 6.17 LBS. |
| NOTES: | | |
| 1. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE AND CONFIRM FINAL EQUIPMENT MAKE/MODEL AND QUANTITY SELECTION WITH VERIZON WIRELESS CONSTRUCTION MANAGER PRIOR TO ORDERING. | | |

4
L-4
PROPOSED DIPLEXER DETAIL
SCALE: NOT TO SCALE

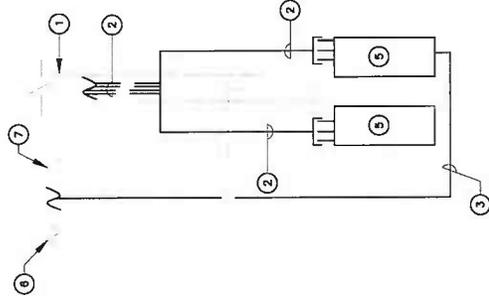
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|--|--|--|--|--|--|
| | | | | | |
| | | | | | |
| | | | | | |

LEASE EXHIBIT

THIS LEASE PLAN IS DIAGRAMMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WIRELESS COMMUNICATION FACILITY. THE SITE LAYOUT WILL BE FINALIZED UPON COMPLETION OF SITE SURVEY AND FACILITY DESIGN.

RISER DIAGRAM NOTES

- 1 EXISTING POLE MOUNT ON BUILDING EXTERIOR TO REMAIN.
 - 2 NEW 1/2" DIA. SUPERFLEX COAX CABLE BUNDLE ROUTED FROM NEW RADIO EQUIPMENT TO NEW ANTENNA. COORDINATE QUANTITY WITH MANUFACTURER AND CONSTRUCTION MANAGER.
 - 3 1" CONDUIT FROM EXISTING FIBER OPTIC RISE TO NEW RADIO EQUIPMENT. PROVIDE ALL CABLES REQUIRED FOR PROPER CONNECTION TO FIBER SERVICE.
 - 4 EXISTING CONDUIT AND CONDUCTORS TO REMAIN.
 - 5 NEW VERIZON WIRELESS RADIO EQUIPMENT.
 - 6 EXISTING INCOMING ELECTRICAL CONDUITS AND CONDUCTORS TO REMAIN.
 - 7 EXISTING INCOMING FIBER SERVICE CONDUITS AND CONDUCTORS TO CONNECT TO NEW RADIO EQUIPMENT.
- GENERAL NOTES:**
1. CONNECT NEW ANTENNA TO EXISTING GROUNDING WITH #4 AWG GROUNDING CONDUCTOR
 2. PLACEMENT OF EQUIPMENT SHOWN DIAGRAMMATICALLY. COORDINATE EXACT PLACEMENT WITH CONSTRUCTION MANAGER.



1 FIBER/ELECTRICAL ONE-LINE DIAGRAM
L-5
SCALE: NOT TO SCALE

| DATE | DESCRIPTION | BY | DATE | DESCRIPTION | BY |
|----------|--------------------------|----|------|-------------|----|
| 10/26/23 | ISSUED FOR CLIENT REVIEW | | | | |



VERIZON
www.Verizon.com
12001 45th Ave
42 North Branch Road
Princeton, CT 06051

VERIZON WIRELESS
NEW BRITAIN SC 2 CT
96 CLINIC DR
NEW BRITAIN, CT 06051

DATE: 10/26/2023
SCALE: AS SHOWN
JOB NO.: 20232330

SHEET NO.
L-5

NNVVS4-360S-BF2



16-port small cell antenna, 4x 698-896, 4x 1695-2690 and 8x Beamforming 3300- 4000, 360° Horizontal Beamwidth, fixed tilt.

- Two broadband low band arrays (Bands 12/13/29/14/5) with 4T4R (4X MIMO) capability
- Two broadband mid band arrays (Bands 25/66/30/40/41) with 4T4R (4X MIMO) capability
- 8T8R omni beamforming array with calibration port for 3.5 GHz (Bands 48, 77, 78)

General Specifications

| | |
|---|--|
| Antenna Type | Small Cell |
| Band | Multiband |
| Calibration Connector Interface | 4.3-10 Female |
| Calibration Connector Quantity | 1 |
| Color | Light Gray (RAL 7035) |
| Grounding Type | RF connector inner conductor and body grounded to reflector and mounting bracket |
| Performance Note | Outdoor usage |
| Radome Material | ASA |
| Radiator Material | Aluminum Low loss circuit board |
| Reflector Material | Aluminum |
| RF Connector Interface | 4.3-10 Female |
| RF Connector Location | Bottom |
| RF Connector Quantity, high band | 8 |
| RF Connector Quantity, mid band | 4 |
| RF Connector Quantity, low band | 4 |
| RF Connector Quantity, total | 16 |

Dimensions

| | |
|---------------------------------|---------------------|
| Length | 610 mm 24.016 in |
| Net Weight, antenna only | 14.8 kg 32.628 lb |
| Outer Diameter | 370 mm 14.567 in |

Port Configuration

NNVVS4-360S-BF2



Electrical Specifications

| | |
|-----------------------------------|---|
| Impedance | 50 ohm |
| Operating Frequency Band | 1695 – 2690 MHz 3300 – 4000 MHz 698 – 896 MHz |
| Polarization | ±45° |
| Total Input Power, maximum | 1,200 W @ 50 °C |

Electrical Specifications

| | R1,R2 | R1,R2 | Y1-Y2 | Y1-Y2 | Y1-Y2 | Y1-Y2 | P1-P4 | P1-P4 | P1-P4 |
|---------------------------------------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Frequency Band, MHz | 698-806 | 806-896 | 1695-1920 | 1920-2180 | 2300-2360 | 2360-2690 | 3300-3550 | 3550-3700 | 3700-4000 |
| RF Port | 1-4 | 1-4 | 5-8 | 5-8 | 5-8 | 5-8 | 9-16 | 9-16 | 9-16 |
| Gain, dBi | 5.3 | 5.5 | 7.8 | 8.3 | 8.8 | 8.6 | 8.3 | 8.8 | 8.8 |
| Beamwidth, Horizontal, degrees | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 | 360 |
| Beamwidth, Vertical, | 45.9 | 42 | 21 | 18.2 | 16.4 | 15.6 | 9.5 | 9 | 8.5 |

NNVVS4-360S-BF2

degrees

| | | | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Beam Tilt, degrees | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Coupling level, Amp, Antenna port to Cal port, dB | | | | | | | 26 | 26 | 26 |
| Coupling level, max Amp Δ , Antenna port to Cal port, dB | | | | | | | ± 2 | ± 2 | ± 2 |
| Coupler, max Amp Δ , Antenna port to Cal port, dB | | | | | | | 1 | 1 | 1 |
| Coupler, max Phase Δ , Antenna port to Cal port, degrees | | | | | | | 10 | 10 | 10 |
| Isolation, Cross Polarization, dB | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Isolation, Inter-band, dB | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| 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 | 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 | -145 | -145 | -145 |
| Input Power per Port at 50° C, maximum, watts | 100 | 100 | 100 | 100 | 100 | 100 | 75 | 75 | 75 |

Electrical Specifications, Service Beam

| | | | |
|--|--------------------------------------|------|------|
| Frequency Band, MHz | 3300-3550 3550-3700 3700-4000 | | |
| Steered 0° Gain, dBi | 12.1 | 12.2 | 12.3 |
| Steered 0° Beamwidth, Horizontal, degrees | 63 | 63 | 61 |

Electrical Specifications, Broadcast 360°

| | | | |
|---|--------------------------------------|-----|-----|
| Frequency Band, MHz | 3300-3550 3550-3700 3700-4000 | | |
| Gain, dBi | 8.5 | 8.5 | 8.7 |
| Beamwidth, Horizontal at 3 dB, degrees | 360 | 360 | 360 |
| Beamwidth, Vertical, degrees | 9.6 | 8.7 | 8 |

Mechanical Specifications

| | |
|----------------------------------|--|
| Wind Loading @ Velocity, frontal | 129.0 N @ 150 km/h (29.0 lbf @ 150 km/h) |
| Wind Loading @ Velocity, lateral | 129.0 N @ 150 km/h (29.0 lbf @ 150 km/h) |
| Wind Loading @ Velocity, maximum | 129.0 N @ 150 km/h (29.0 lbf @ 150 km/h) |
| Wind Loading @ Velocity, rear | 129.0 N @ 150 km/h (29.0 lbf @ 150 km/h) |

NNVVS4-360S-BF2

Wind Speed, maximum 241 km/h (150 mph)

Packaging and Weights

Width, packed 478 mm | 18.819 in

Depth, packed 464 mm | 18.268 in

Length, packed 894 mm | 35.197 in

Weight, gross 19 kg | 41.888 lb

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |



* Footnotes

Performance Note Severe environmental conditions may degrade optimum performance

SAMSUNG

Samsung Micro Radio

CBRS (N48)
4T4R Micro Radio

Samsung's CBRS 4T4R Micro Radio provides mobile operators with a cost-effective solution to fill coverage gaps that are encountered when Macro Radios are in use.

Model Code RT4423-48A(DC)
RT4423-48B(AC)



Homepage
[samsungnetworks.com](https://www.samsungnetworks.com)

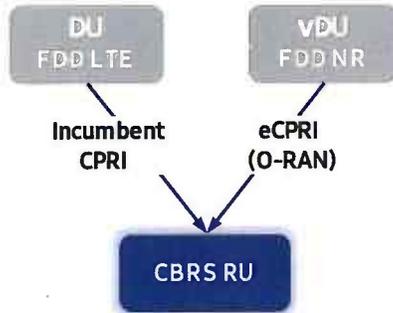


Youtube
www.youtube.com/samsung5g

Points of Differentiation

Dual Personality

The new CBRS Radio supports existing CPRI and advanced eCPRI interfaces, providing installation options for both legacy LTE and NR network equipment.



High Capacity

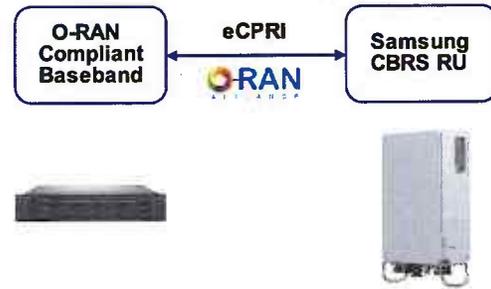
The number of carriers required varies according to site (region). The ability to support multiple carriers is essential to customers as they seek to utilize all frequencies available to them.



O-RAN Compliant

A standardized O-RAN radio supports implementation of cost-effective networks capable of enhanced data throughput, without compromising existing or new network investments.

Samsung O-RAN products ensure state-of-the-art O-RAN technology will accelerate efforts to create solid O-RAN ecosystems.

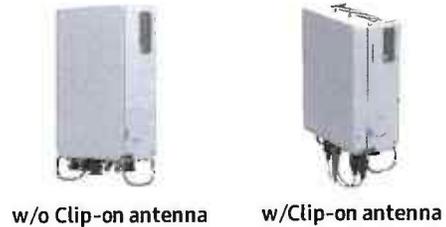


Compact and Easy Installation

The new CBRS RU is compact in its design, with a volume of 6L and weight of only around 7kg.

This compact design allows for various installation options, including tower, rooftop, pole, wall and shroud.

A clip-on antenna is available, providing installation flexibility.



Technical Specifications

| Item | Specification |
|----------------|---|
| Tech | LTE / NR |
| Band | B48, n48 / TDD |
| Frequency Band | 3,550 – 3,700 MHz |
| RF Power | 20 W (5 W x 4 Ports) |
| IBW / OBW | 150MHz / 100MHz |
| Installation | Pole, Wall, Side by side (max 3 radio) |
| Size / Weight | <p>[Radio] w/o Clip-on antenna : 8.7 x 11.8 x 3.6 inch, 5.97L, 7kg w/ Clip-on antenna : 8.7 x 11.8 x 5.0 inch, 8.42L, 8.5kg *AC and DC type have same size and weight</p> <p>[Bracket Weight] Tilting & Swivel (EP97-02038A) : 2.51kg Fixed (EP97-02037A) : 1.31kg Side by side (EP97-02089A) : 8.0kg</p> |

SAMSUNG

AWS/PCS MACRO RADIO

DUAL-BAND AND HIGH POWER
FOR MACRO COVERAGE

Samsung's future proof dual-band radio is designed to help effectively increase the coverage areas in wireless networks. This AWS/PCS 4T4R dual-band radio has 4Tx/4Rx to 2Tx/2Rx RF chains options and a total output power of 320W, making it ideal for macro sites.

Model Code RF4439d-25A



Homepage
samsunonetworks.com

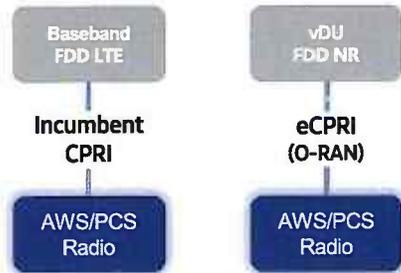


Youtube
www.youtube.com/samsung5g

Points of Differentiation

Continuous Migration

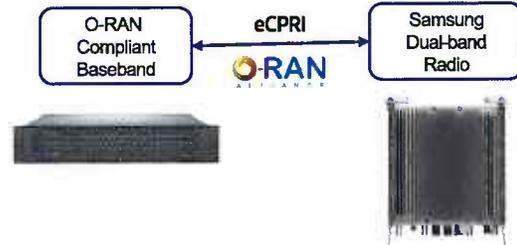
Samsung's AWS/PCS macro radio can support each incumbent CPRI interface as well as advanced eCPRI interfaces. This feature provides installable options for both legacy LTE networks and added NR networks.



O-RAN Compliant

A standardized O-RAN radio can help in implementing cost-effective networks, which are capable of sending more data without compromising additional investments.

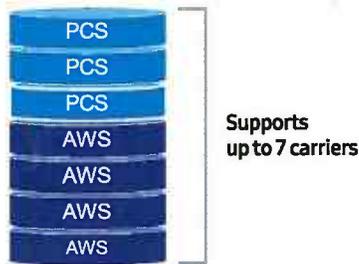
Samsung's state-of-the-art O-RAN technology will help accelerate the effort toward constructing a solid O-RAN ecosystem.



Optimum Spectrum Utilization

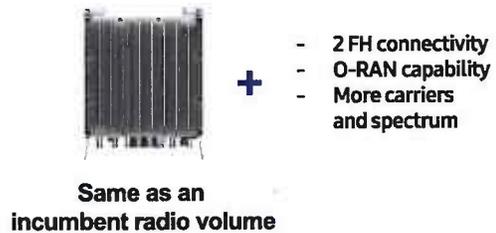
The number of required carriers varies according to site (region). Supporting many carriers is essential for using all frequencies that the operator has available.

The new AWS/PCS dual-band radio can support up to 3 carriers in the PCS (1.9GHz) band and 4 carriers in the AWS (2.1GHz) band, respectively.



Brand New Features in a Compact Size

Samsung's AWS/PCS macro radio offers several features, such as dual connectivity for baseband for both CDU and vDU, O-RAN capability, more carriers and an enlarged PCS spectrum, combined into an incumbent radio volume of 36.8L.



Technical Specifications

| Item | Specification |
|----------------|--|
| Tech | LTE / NR |
| Brand | B25(PCS), B66(AWS) |
| Frequency Band | DL: 1930 – 1995MHz, UL: 1850 – 1915MHz DL: 2110 – 2200MHz, UL: 1710 – 1780MHz |
| RF Power | (B25) 4 × 40W or 2 × 60W (B66) 4 × 60W or 2 × 80W |
| IBW/OBW | (B25) 65MHz / 30MHz (B66) DL 90MHz, UL 70MHz / 60MHz |
| Installation | Pole, Wall |
| Size/Weight | 14.96 x 14.96 x 10.04inch (36.8L) / 74.7lb |

ATTACHMENT 3

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.1310 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

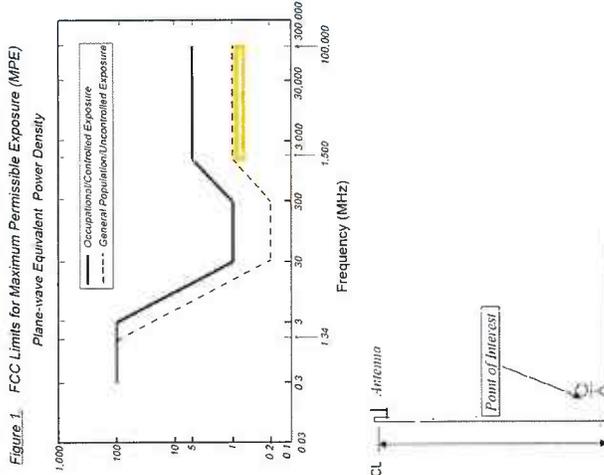
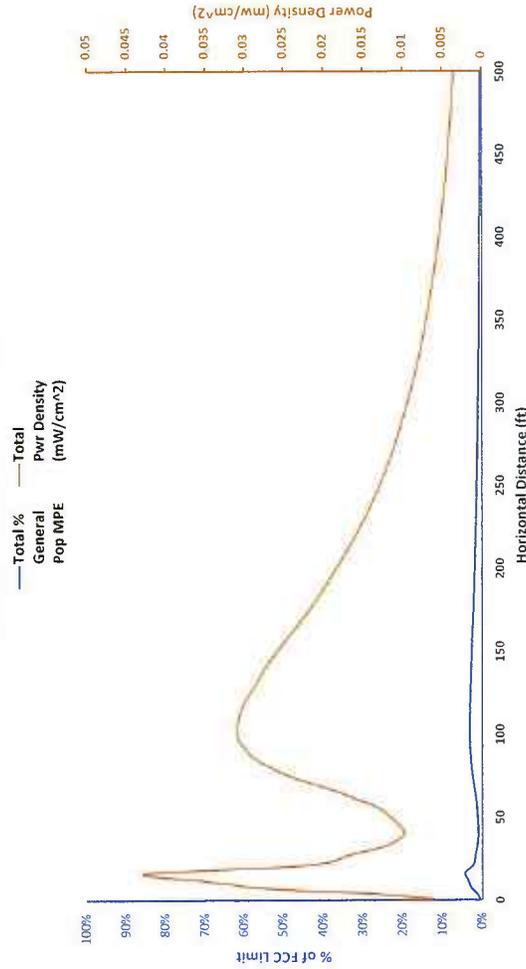
MHz = Megahertz
 mW/cm² = milliwatts per square centimeter
 ERP = Effective Radiated Power

Absolute worst case maximum values used, including the following assumptions:

1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period;
3. calculation takes into account a point of interest of 2m or 6.56ft

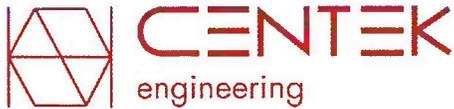
| Location Date | New Britain SC 2 CT 3/11/2026 | | |
|--|----------------------------------|-------|-------|
| | CBRS | AW5 | PCS |
| Operating Frequency (MHz) | 3,550 | 2,145 | 1,970 |
| General Population MPE (mW/cm ²) | 1 | 1 | 1 |
| ERP Per Transmitter (mW/cm ²) | 50 | 272 | 284 |
| Number of Transmitters (Watts) | 4 | 4 | 4 |
| Antenna Centerline (CL) (feet) | 30.7 | 30.7 | 30.7 |
| Total ERP (Watts) | 200 | 1,088 | 1,136 |
| Total ERP (dBm) | 53 | 60 | 61 |
| 4.30% | | | |

RF Exposure 6.56ft Above Ground Level Far Field Formula (per FCC OET65)



| Angle Below Horizon | Power Density (mW/cm ²) | | | Frequency of Power (Impugnity) MHz | | | | | | | Total General Pwr Density (mW/cm ²) | Total General Pwr Density (dBm) | |
|---------------------|-------------------------------------|-------------|-------------|------------------------------------|-------|---------|----------|---|-------|-------|---|---------------------------------|-------|
| | CBRS | AW5 | PCS | Cellular | CDMA | 700 MHz | Distance | Total Pwr Density (mW/cm ²) | | | | | |
| 90 | 0.000347856 | 0.003930881 | 0.007865886 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.011144623 | 1.11% |
| 89 | 0.000269936 | 0.002074243 | 0.005440228 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.007764307 | 0.78% |
| 88 | 0.000427411 | 0.001608585 | 0.003937255 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.005973251 | 0.60% |
| 87 | 0.000457248 | 0.001930862 | 0.004310232 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.006698342 | 0.67% |
| 86 | 0.000435694 | 0.002598846 | 0.00517047 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.008205011 | 0.82% |
| 85 | 0.00041489 | 0.00326236 | 0.00565303 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00933028 | 0.93% |
| 84 | 0.000404022 | 0.003908447 | 0.005988564 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.010211134 | 1.02% |
| 83 | 0.000421306 | 0.004468862 | 0.006294285 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.01184454 | 1.12% |
| 82 | 0.000470446 | 0.005106333 | 0.006688447 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.012445227 | 1.24% |
| 81 | 0.000562523 | 0.005830953 | 0.007490123 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.013883999 | 1.39% |
| 80 | 0.000656883 | 0.006502598 | 0.008162747 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.015322229 | 1.53% |
| 79 | 0.000749119 | 0.007415661 | 0.009097023 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.0161804 | 1.73% |
| 78 | 0.000846687 | 0.008451363 | 0.010131557 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.01761804 | 1.94% |
| 77 | 0.000949491 | 0.009466235 | 0.011276265 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.01939824 | 2.15% |
| 76 | 0.001058444 | 0.010523317 | 0.01256446 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.021529371 | 2.33% |
| 75 | 0.001179737 | 0.01179737 | 0.014050572 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.023319803 | 2.49% |
| 74 | 0.001313287 | 0.01313287 | 0.01579337 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.024923638 | 2.69% |
| 73 | 0.001462928 | 0.01462928 | 0.01779337 | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.026899479 | 2.78% |

ATTACHMENT 4



March 12, 2026

Ms. Nicole O'Brien
Verizon Wireless
99 East River Drive
East Hartford, CT 06108

Re: Structural Letter
Verizon Wireless Site Ref – New Britain SC 2 CT
96 Clinic Drive
New Britain, CT 06051

CEN TEK Project No. 25023.30

Dear Ms. O'Brien,

We have reviewed the proposed installation by Verizon Wireless at the New Britain SC 2 CT site located at 96 Clinic Drive, in New Britain Connecticut for the purpose of verifying the structural adequacy of the existing antenna framing to accommodate the anticipated loading. The installation is as identified on Centek lease exhibit drawings.

The final equipment configuration consists of the following:

| Location | Appurtenances | Height C.L. (AGL) |
|---------------------|---|-------------------|
| Within Faux Chimney | (1) Commscope NNVVS4-360S-BF2 Antenna | ±30.7' |
| | (1) Samsung Dual RRH Bracket (1) Samsung RF4439d-25A RRU (1) Samsung RT4423-48B RRU (1) Commscope SDX1926Q-43 Diplexer | N/A |

A structural evaluation of the host structure components for the proposed equipment upgrade was conducted in accordance with the 2021 International Building Code (IBC), 2022 Connecticut State Building Code (CSBC), and ASCE 7-16 "Minimum Design Loads for Buildings and Other Structures". **All appurtenances will be mounted within the existing RF transparent faux chimney resulting in no increase in the overall loading on the existing support framing above the original design.**

Based on our review of the installation, it is our opinion that the subject RF chimney, host building and antenna pipe mount **have sufficient capacity** to support the aforementioned equipment configuration. Our findings are based on the assumption that the host building structure, all structural members and appurtenances were properly designed, detailed, fabricated, installed and have been properly maintained since erection.

Respectfully Submitted,

Timothy J. Lynn, PE
Structural Engineer



ATTACHMENT 5

City of New Britain, Connecticut - Assessment Parcel Map

MBL: D9D 7

Address: 96 CLINIC DR



Berlin



Approximate Scale:

1 inch = 100 feet

Disclaimer:

This map is for informational purposes only.
 All information is subject to verification by any user.
 The City of New Britain and its mapping contractors
 assume no legal responsibility for the information contained herein.

Map Produced May 2023

96 CLINIC DR

Location 96 CLINIC DR

Mblu D9D/ 7/ / /

Acct# 15700096

Owner BSD CLINIC LLC

Total Market Value \$1,841,700

Appraisal \$2,631,000

PID 365

Building Count 1

Current Value

| Appraisal | | | |
|----------------|--------------|-----------|-------------|
| Valuation Year | Improvements | Land | Total |
| 2022 | \$2,043,000 | \$588,000 | \$2,631,000 |

| Assessment | | | |
|----------------|--------------|-----------|-------------|
| Valuation Year | Improvements | Land | Total |
| 2022 | \$1,430,100 | \$411,600 | \$1,841,700 |

Owner of Record

Owner BSD CLINIC LLC

Sale Price \$2,850,000

Co-Owner

Certificate

Address 68 BUSH LN

Book & Page 2124/773

SPRING VALLEY , NY 10977

Sale Date 04/11/2022

Instrument 00

Ownership History

| Ownership History | | | | | |
|-------------------------------|-------------|-------------|-------------|------------|------------|
| Owner | Sale Price | Certificate | Book & Page | Instrument | Sale Date |
| BSD CLINIC LLC | \$2,850,000 | | 2124/773 | 00 | 04/11/2022 |
| MARCONI ENTERPRISES LLC | \$2,025,000 | | 1787/0710 | 00 | 02/02/2010 |
| NINETY SIX ONE HUNDRED FOUR | \$1,300,000 | | 1421/0943 | 00 | 08/12/2002 |
| WILLOWBROOK APARTMENTS LLC | \$0 | | 1185/0849 | | 10/14/1994 |
| BROWN W TOMLINSON | \$0 | | 0801/1135 | | 07/31/1984 |
| | \$0 | | 0801/1133 | | 07/31/1984 |
| | \$0 | | 0683/0322 | | 02/03/1972 |
| WILLOWBROOK REALTY ASSOCIATES | \$0 | | 0679/0485 | | 10/08/1971 |
| JOSEPH DIBATTISTA ET AL | \$0 | | 0679/0482 | | 10/08/1971 |

ATTACHMENT 6

Certificate of Mailing — Firm



| Name and Address of Sender | TOTAL NO. of Pieces Listed by Sender | TOTAL NO. of Pieces Received at Post Office™ | Affix Stamp Here Postmark with Date of Receipt. |
|---|---|--|--|
| Kenneth C. Baldwin, Esq. Robinson & Cole LLP One State Street Hartford, CT 06103 | 3 | 3 | |
| Postmaster, per (name of receiving employee) | | | |
| USPS® Tracking Number Firm-specific Identifier | Address (Name, Street, City, State, and ZIP Code™) | Postage | Fee |
| 1. | Robert Sanchez, Mayor City of New Britain 27 West Main Street New Britain, CT 06051 | | |
| 2. | Jeffrey Cormier, City Planner II City of New Britain 27 West Main Street New Britain, CT 06051 | | |
| 3. | BSD Clinic LLC 68 Bush Lane Spring Valley, NY 10977 | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |

