

**STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL**

IN RE:	:	
	:	DOCKET NO. 504
ARX WIRELESS INFRASTRUCTURE, LLC	:	
APPLICATION FOR A CERTIFICATE OF	:	
ENVIRONMENTAL COMPATIBILITY AND	:	
PUBLIC NEED FOR THE	:	
CONSTRUCTION, MAINTENANCE AND	:	
OPERATION OF A WIRELESS	:	
TELECOMMUNICATIONS FACILITY	:	
LOCATED AT LOT 4-N, SEQUIN DRIVE,	:	AUGUST 12, 2021
GLASTONBURY, CONNECTICUT	:	

**PRE-FILED TESTIMONY OF DOUGLAS ROBERTS, AIA**

**Q1: Please state your name and position.**

A1: My name is Douglas Roberts, AIA. I have an independent practice as an architect, with an address at 110 Washington Avenue, Fourth Floor, North Haven, Connecticut. I have been engaged by ARX Wireless Infrastructure, LLC ("ARX") to provide the architecture, engineering, and other design services for the proposed telecommunications facility at Lot 4-N on Sequin Drive in Glastonbury, Connecticut (the "Site").

**Q2: Please state your qualifications.**

A2: I attended the University of Bridgeport from 1974 to 1978. I am a licensed architect in the State of Connecticut. I have worked in the field of architecture for over 35 years. I most recently worked with AECOM as a Senior Architect. My expertise includes project management of architectural and engineering designs for over one thousand wireless telecommunications facilities in Connecticut, New

York, Massachusetts, Rhode Island, and New Jersey. I assisted in the development of and served on the management team for the Telecommunications Group of URS Corporation AES in Rocky Hill since its inception in 1997, where I served as Senior Project Manager. At AECOM I served as Senior Architect in the Technology Solutions Group, and was responsible for the development of telecommunications facilities throughout Connecticut, Massachusetts, New York, Rhode Island, and New Jersey.

**Q3: What has been your role in the development of this proposal?**

A3: My responsibility began once ARX identified a potential site. In October 2, 2020, ARX requested that I design a plan for the construction of a 115-foot monopole telecommunications tower and equipment compound (the "Facility") at the Site to allow New Cingular Wireless PCS, LLC ("AT&T") to locate on this Facility as approved by its RF department. I was also asked to design the compound to accommodate AT&T's and future carriers' equipment. I collaborated with surveyors, who conducted an as-built survey of the property. Both the site survey and the design drawings were prepared under my direct supervision.

**Q4: Please describe the site.**

A4: The property on which the Facility would be located is on an approximately 11.24-acre parcel of property located at Lot 4-N on Sequin Drive in Glastonbury owned by New Land of Glastonbury LLC. The Property is zoned as Planned Commerce (PC) in the Town's zoning records. The Property is presently

developed as a storage facility for industrial/commercial equipment. The Site is situated on the north side of Sequin Drive and Oakwood Drive to the south.

**Q5: Please describe the proposed Facility.**

A5: The Facility would consist of a 115-foot monopole structure (not to exceed 115' with antennas) within a 50' x 50' fenced equipment compound (within a 50' x 50' leased area) surrounded by a chain-link fence. The tower would accommodate the antenna arrays of AT&T and three future wireless carriers. My understanding is that the proposed Facility will bring needed coverage to this area of Glastonbury.

**Q6: Please describe the proposed tower.**

A6: The proposed 115-foot monopole telecommunications tower ("Tower") (maximum height not to exceed 115' with antennas) will be a steel pole approximately 4 feet in diameter at the base and will taper to approximately 2.5 feet in diameter at the top. The proposed monopole would have a galvanized gray finish unless directed otherwise by the Connecticut Siting Council. The monopole will bolt to a concrete foundation and be designed to support multiple antennas, platforms, and brackets. The antennas mounted to the pole will be used by AT&T and three future wireless carriers. The Facility would also be able to accommodate municipal emergency communications equipment at no cost to the Town (should the Town choose to utilize this site). The antennas affixed to the top of the

monopole will consist of AT&T panel antennas, mounted in three sectors at a centerline height of 111'.

**Q7: Please describe the compound area**

A7: The Facility will be situated within a 50' x 50' fenced equipment compound within a 50' x 50' leased area, surrounded by a chain-link fence. The compound will have a 6-inch gravel base over woven Geotechnical Fabric placed over an inorganic sub-base. The compound will be designed with an 8-foot-tall galvanized 2" diamond wire mesh fence, and it will contain equipment operated by AT&T and future carriers. There will also be a locked access gate to restrict unauthorized access to the compound.

**Q8: Please describe access to the Site.**

A8: Access to and from the Site will be from Sequin Drive over a 12' wide access drive.

**Q9: Please describe the utilities necessary for this installation.**

A9: A 25'-wide utility easement originating off Sequin Drive would provide the Site with underground utilities. Utility services will be run underground. Once inside the compound, individual electric, natural gas and telephone services will be run underground to each tenant area. No water or sewer services are proposed as part of this project.

**Q10: Please describe the proposed "Alternate" tower location on the Site.**

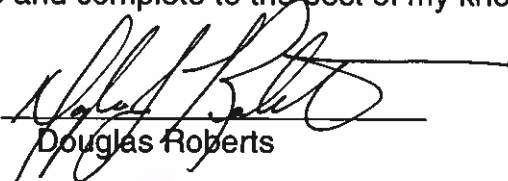
A10: During the municipal consultation process, the Town expressed some concern about wetlands located on the Site. As detailed in the Wetland Delineation Report prepared by Davison Environmental, LLC ("DE") (see Exhibit L to Application), the proposed tower location would have no temporary or permanent direct impacts to any wetland resource area. However, in an effort to accommodate the Town's concerns, I prepared the Site Plans attached to ARX's interrogatory responses as Exhibit 9, in which the tower is shifted further away from the wetlands, ±32' to the east. The access road and utility easements were relocated as well to allow for no construction activities within the 50' wetland offset line. As with ARX's prime proposed location, based on DE's review, the alternate location on the Site would also have no temporary or permanent direct impacts to any wetland resource area.

**Q11: Does this conclude your testimony?**

A11: Yes.

The above testimony is are true and complete to the best of my knowledge.

August 11, 2021  
Date

  
\_\_\_\_\_  
Douglas Roberts

Subscribed and sworn before me this 11<sup>th</sup> day of August, 2021.

  
\_\_\_\_\_  
Notary Public/Commissioner of the Superior Court  
My Commission Expires:

DAVIA ANNE NAPIERKOWSKI  
NOTARY PUBLIC  
State of Connecticut  
My Commission Expires 12/31/2023