

**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 DAVID ARCHAMBAULT**

**Q1: Mr. Archambault, please state your name and position.**

A1: My name is David Archambault, and I am Vice President and Co-Owner of Virtual Site Simulations, LLC (“VSS”), which has offices at 24 Salt Pond Road, Suite C3, South Kingstown, Rhode Island. VSS was engaged by ARX Wireless Infrastructure, LLC (“ARX”) to provide visual assessment services in connection with the proposed telecommunications facility at Lot 4-N, Sequin Drive in Glastonbury, Connecticut (the “Property” or “Site”).

**Q2: Mr. Archambault, please state your qualifications.**

A2: My background includes over 25 years of professional experience. I have assisted in the permitting thousands wireless telecommunication facilities in New England. My responsibilities have included: coordination and oversight of site screenings and environmental assessments to fulfill NEPA requirements, environmental site assessments, wetland delineations and assessments,

vegetative/biological surveys, noise analyses, visual impacts analyses, and regulatory permitting support.

**Q3: Please describe VSS's involvement in this matter.**

A3: VSS's project responsibility was the preparation of a Visual Assessment report for the proposed Site (found in the Application at Exhibit H). The purpose of this Visual Assessment report was to evaluate the potential visibility of the proposed telecommunications facility ("Facility") from the areas surrounding the Site.

**Q4: Please describe the process for conducting the Visual Assessment report.**

A4: At the request of ARX, VSS conducted the Visual Assessment and Photo Simulations (found at Exhibit H of the Application) to evaluate the potential visibility of the Facility from within a 1-mile radius (the "Study Area"). VSS used a combination of a predictive computer model, in-field analysis, and a review of various data sources to evaluate the visibility associated with the Facility on both a quantitative and qualitative basis. The predictive model provides a measurable assessment of visibility throughout the entire area, including private properties and other areas inaccessible for direct observations.

The in-field analyses consisted of a Balloon test completed on February 11, 2021, and field reconnaissance of the area to record existing conditions, verify results of the predictive model, inventory seasonal and year-round view locations, and provide photographic documentation from publicly accessible areas. The Balloon test consisted of positioning a 3 foot diameter red Balloon at the proposed



Facility location and extending the balloon with a premeasured braided line to the top height of the monopole (115' AGL). VSS conducted a Study Area to reconnaissance by driving along local and State roads and traveling along other publicly accessible locations to document and inventory where the Balloon could be seen above and through the tree canopy and other visual obstructions. Visual observations from the reconnaissance were also used to evaluate the results of the preliminary visibility mapping and to identify any discrepancies in the initial modeling.

**Q5: Please describe the results of your Visual Assessment process.**

A5: As presented in the final viewshed maps attached to the Visibility Analysis, the predicted estimate of year-round views (summer, leaf-on condition) of the proposed Facility are from approximately 24.5 acres or approximately 1.22% of the 1-mile, 2,010.6 acre study area. The majority of those specific views (9.6 acres) are of the uppermost portion (upper 25%) of the proposed tower. The predicted estimate of seasonable views (winter, leaf-off condition) of the proposed Facility are from an additional 4.4 acres (.22%). Thus, the total predicted season views are approximately 28.9 acres or just  $\pm 1.44\%$  of the study area.

**Q6: Please describe the visibility of the Facility to the nearest schools and commercial daycare centers.**

A6: No schools or commercial daycare centers are located within 250 feet of the Facility. The Links Transition School/Links Academy is located about 0.46 miles to the west of the Site at 628 Hebron Avenue, Building 4, in Glastonbury. The


nearest commercial childcare center is YMCA Child Care Program/Preschool, which is located about 0.27 miles to the southwest of the Site at 95 Oakwood Drive in Glastonbury. Visibility is possible from or in the vicinity of the childcare center, but not the school.

**Q7: Does this conclude your testimony?**

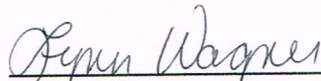
A7: Yes.

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

8-10-2021  
Date

  
David Archambault

Subscribed and sworn before me this 10 day of August, 2021.

  
Notary Public  
Commission expires: 1/8/2022

Lynn Wagner  
State of Rhode Island  
Notary Public ID: 761888  
My Commission Expires: 1-8-2023