Stealth Rooftop Antenna

AT&T Telecommunications Facility

616 E Street NW, Washington, DC 20004

Board of Zoning Adjustment
District of Columbia
CASE NO.20690
EXHIBIT NO.23

Introduction

- Replacement for AT&T Antennas at 600 E Street NW
- 600 E Street NW is a parking garage scheduled for demolition in 2022
- Special Exception required because of location on top of penthouses
- Enhances public safety network with FirstNet
- Offers replacement service with little visual impact and no adverse effects
- The facility will comply with all federal, state, and local laws
- Recommended Approval by ANC and Office of Planning Staff

Goals

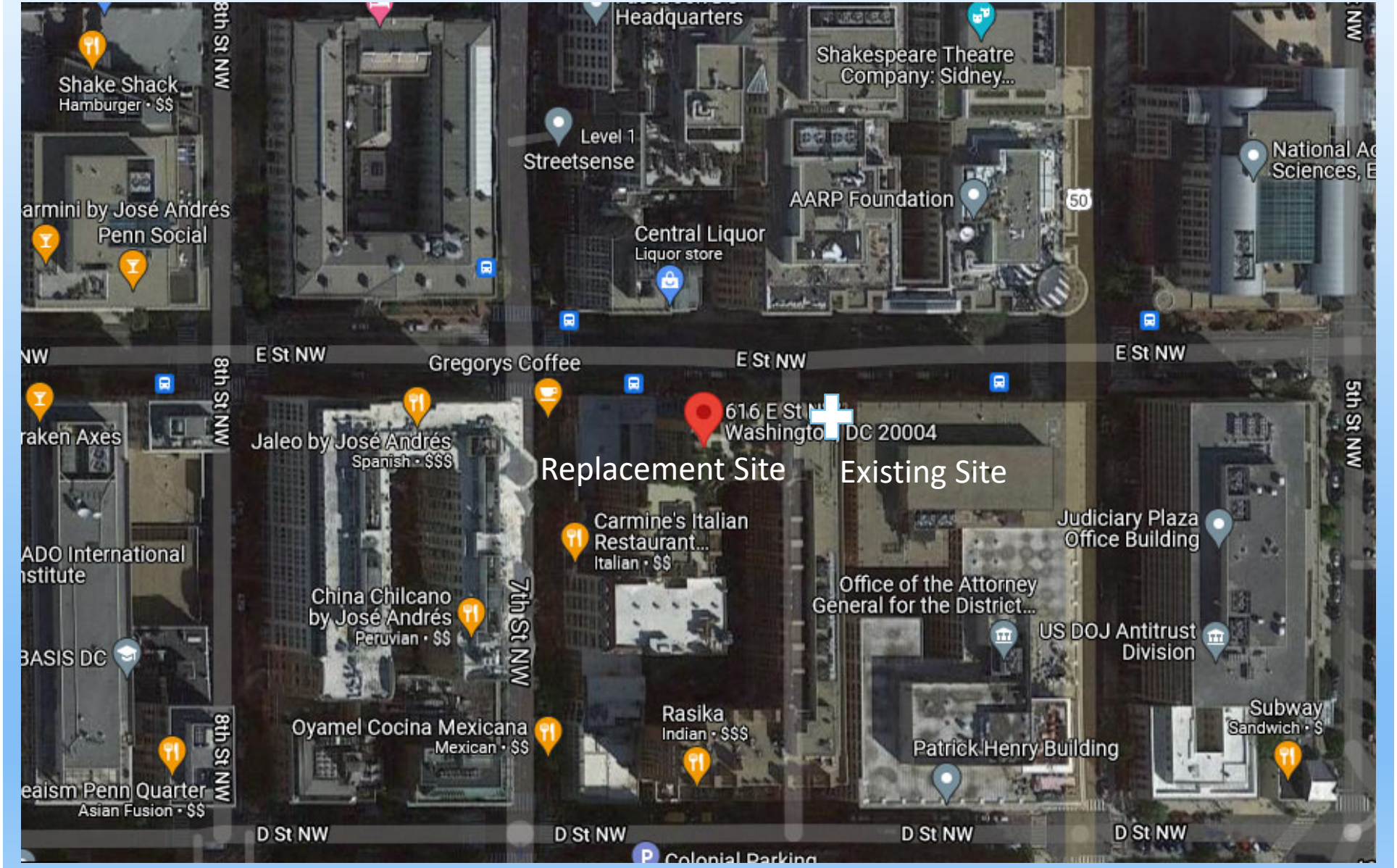
- Reliable wireless services in and around Northwest D.C.
- Maintain emergency and non-emergency wireless access and services
- Part of FirstNet: Network access for first responders and public safety
- Reliable services that support the ongoing, increased wireless usage, including:
  - Working Remotely
  - In class and virtual learning for schools;
  - Telehealth;
  - Online worship services;
  - WebEx, Microsoft Teams, Zoom and other virtual meetings.

FirstNet™

First Responder Network Authority

- Dedicated network access and bandwidth for first responders
- An exclusive contract with the federal government and AT&T
- Evolved from 9/11 Commission & Congressional Authorization
- More than 15,000 federal, state and local agencies
  - FEMA
  - Department of the Army
  - Department of the Navy
  - Federal Bureau of Investigation
- Over 2 million daily connections to respond to emergencies
- 50 states & 6 territories opted in by January 2018

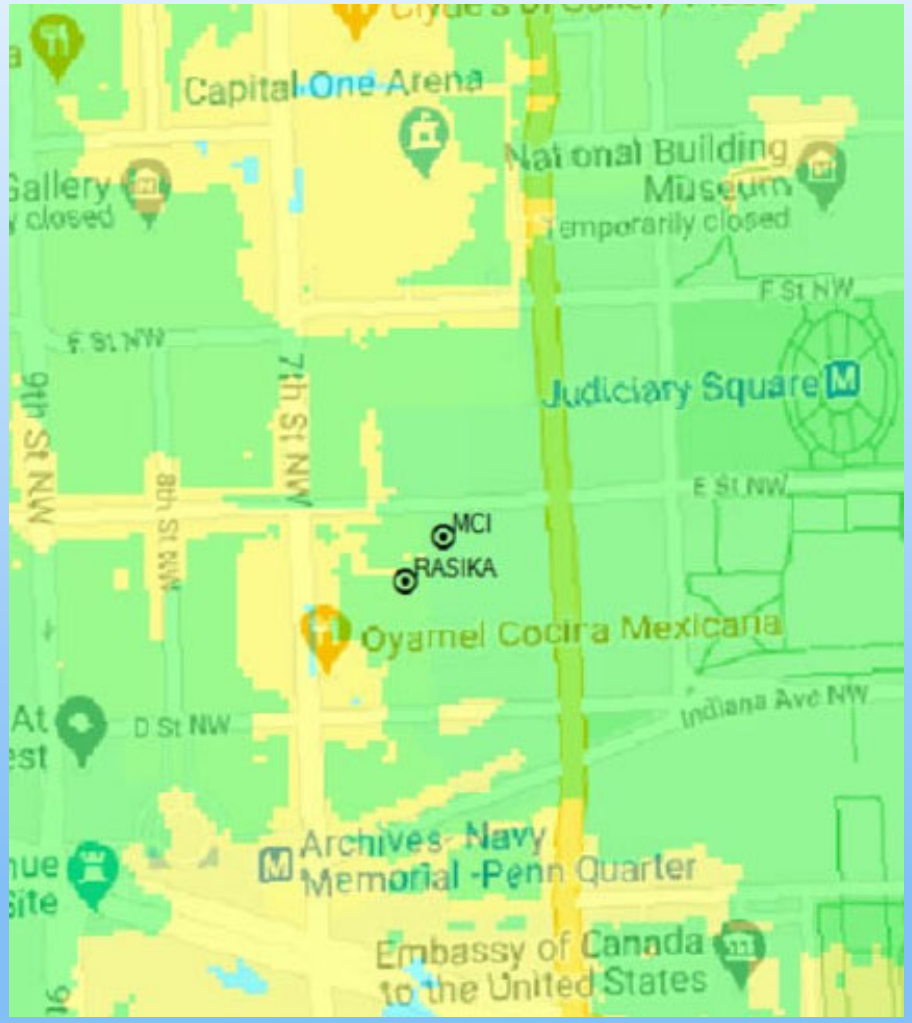
Overhead View

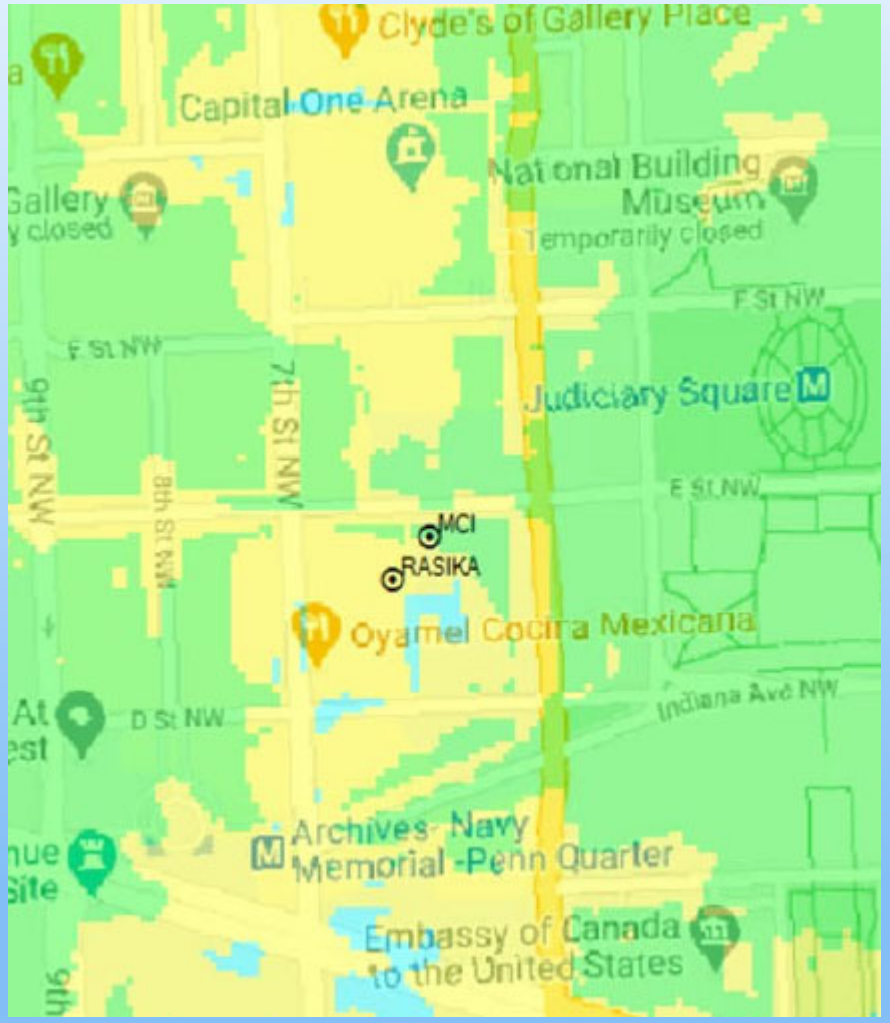


No Local Impact

- The facility is designed to blend into existing building
- No public access to facility- on top of penthouses
- Unmanned facility, primarily managed remotely
- Approximately 3-4 visits per year by technician
- No impact on traffic
- No impact on residents

Current Coverage vs. Lost Coverage

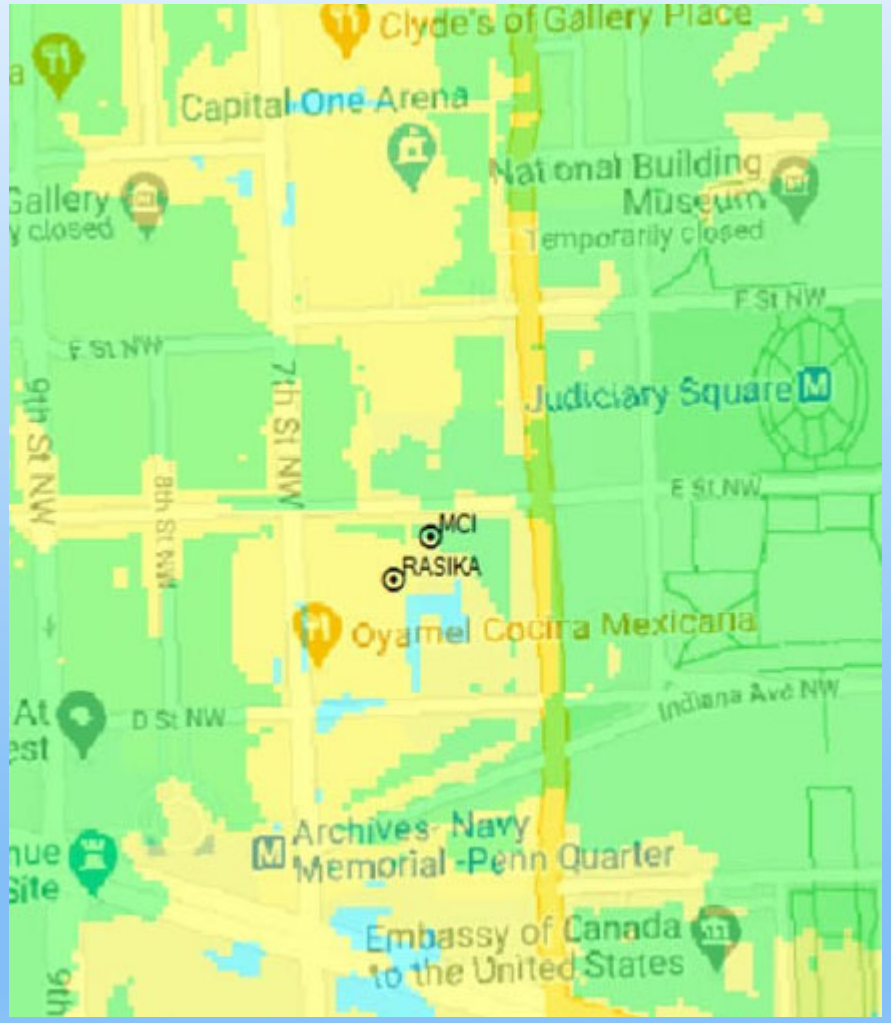


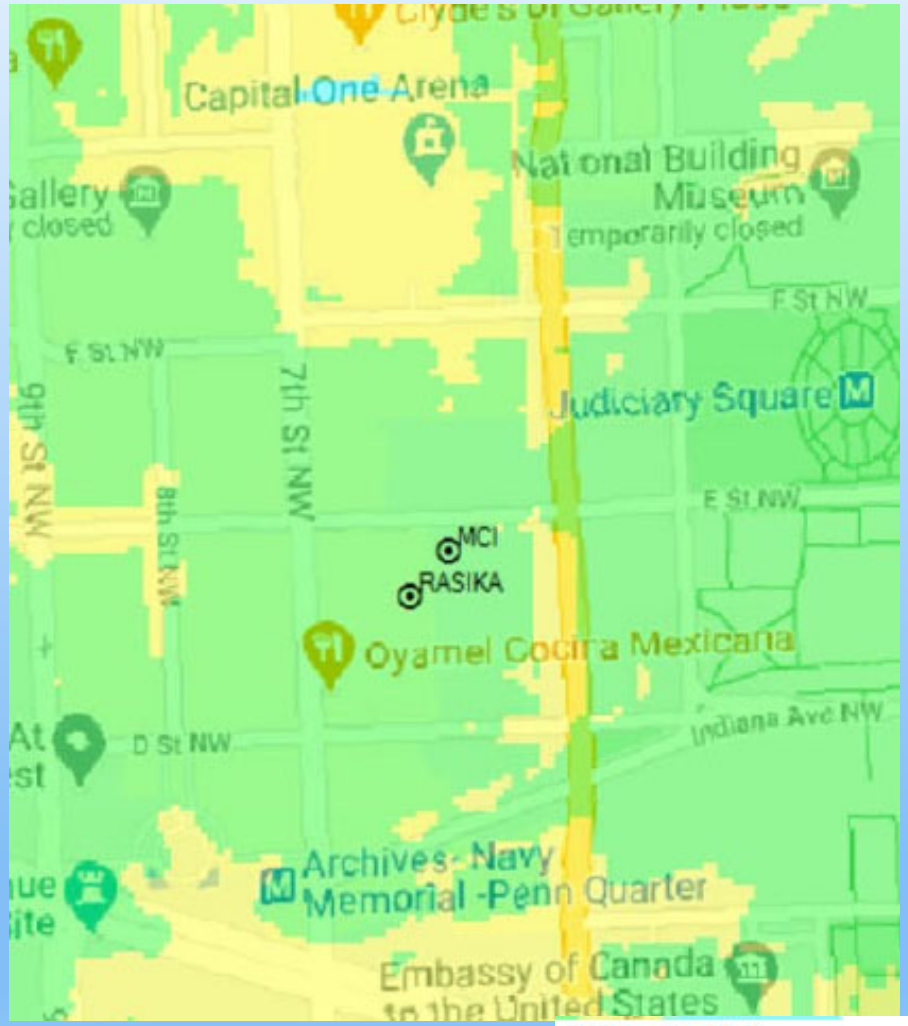


RSRP with MCI

- Excellent Coverage
- Good Coverage
- Moderate Coverage
- Outdoor Coverage

Lost Coverage vs. Replacement Coverage

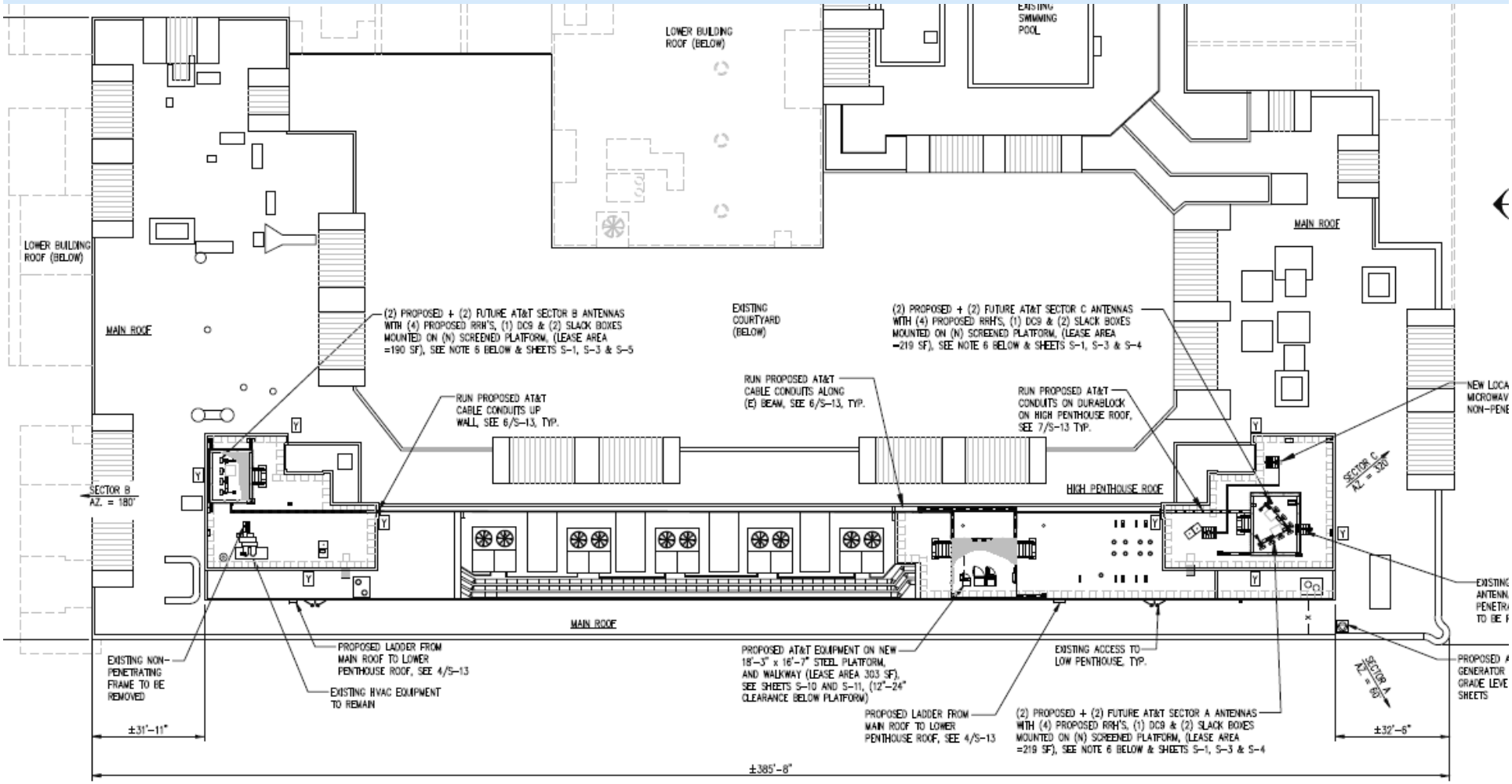




RSRP with MCI

- Excellent Coverage
- Good Coverage
- Moderate Coverage
- Outdoor Coverage

Site Plan



ROOF AND EQUIPMENT LAYOUT PLAN
SCALE: 1" = 20'-0"

North Building Elevation View

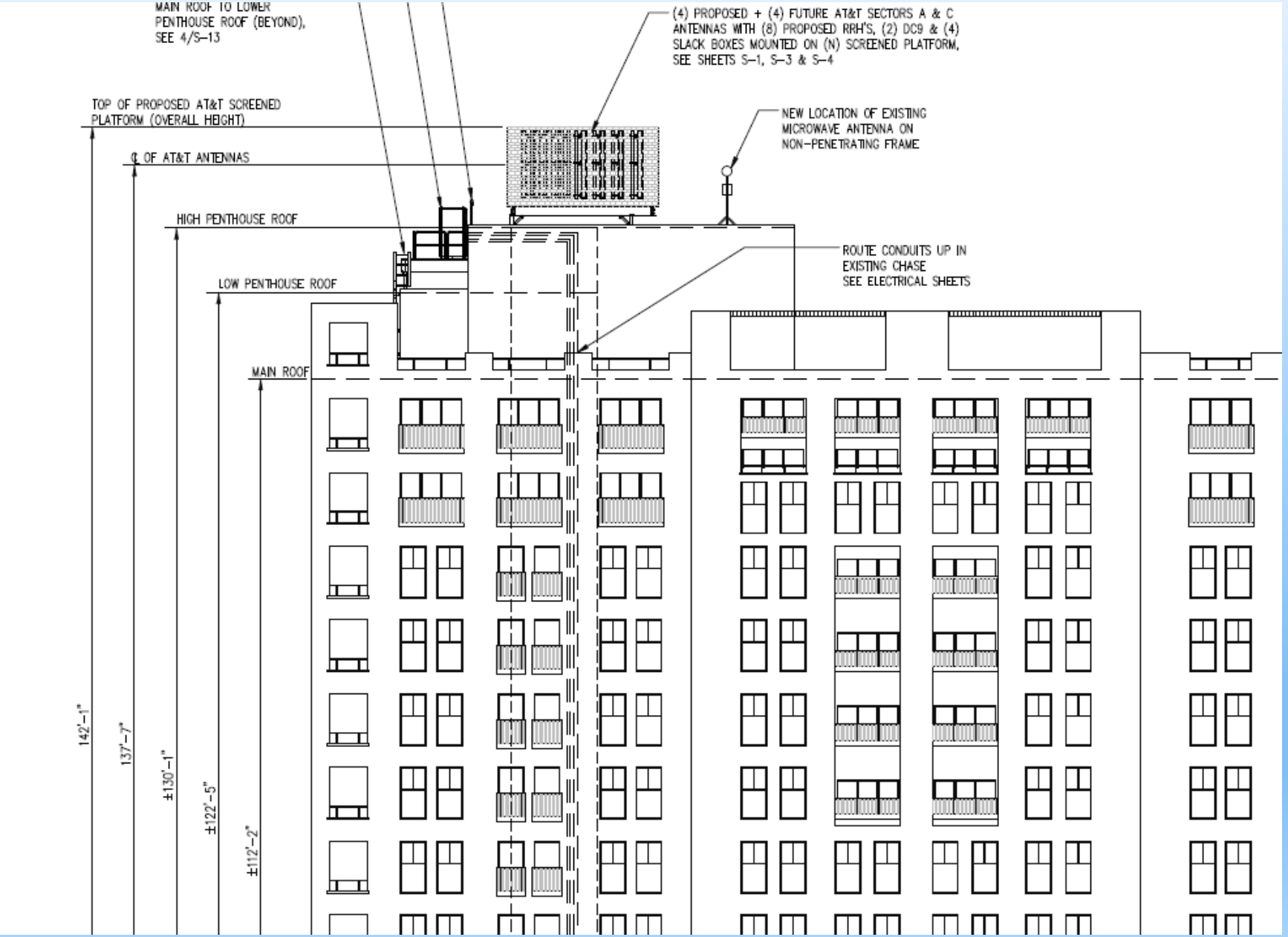


Photo Simulations

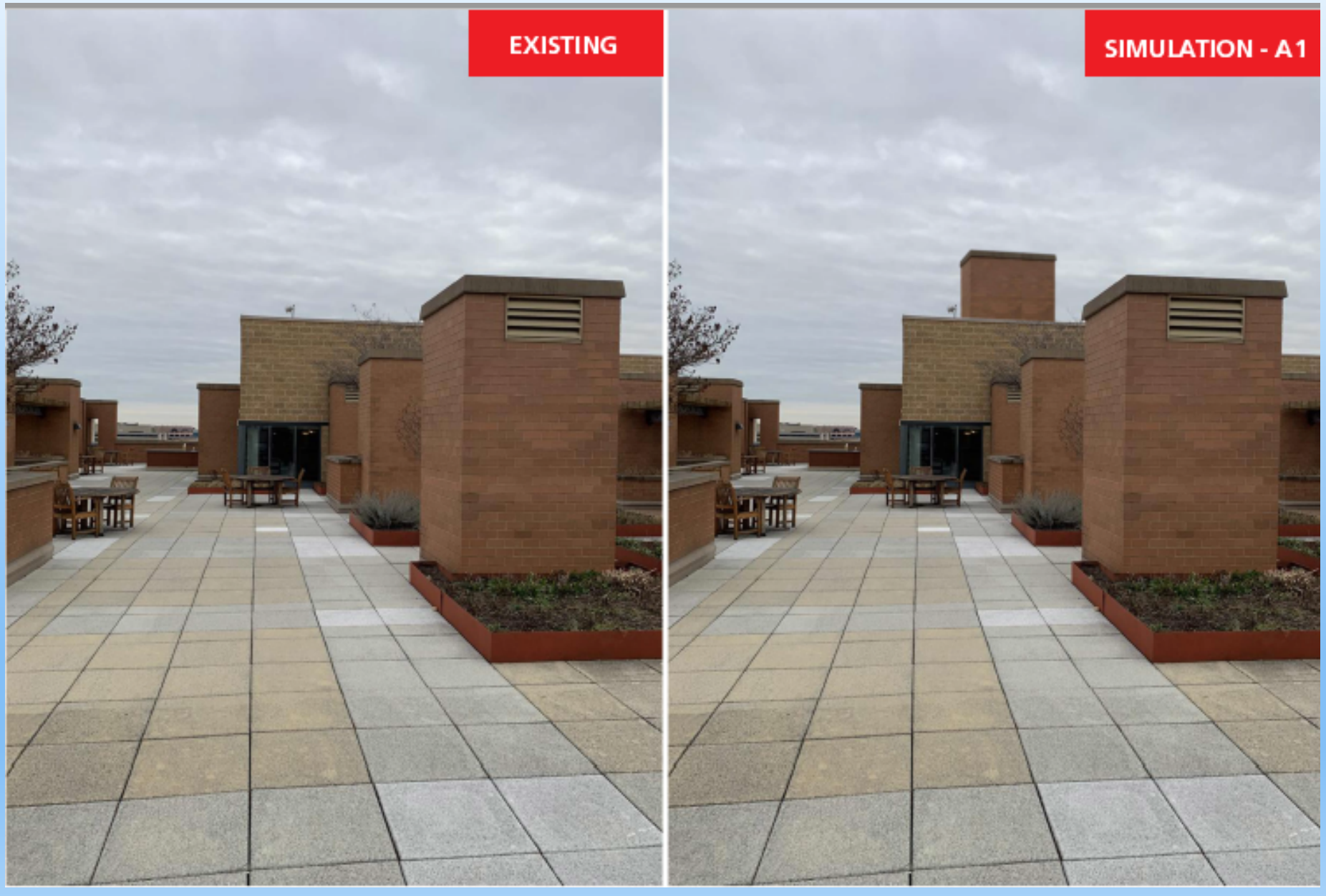


Photo Simulations

THANK YOU