

EXHIBIT X-3A

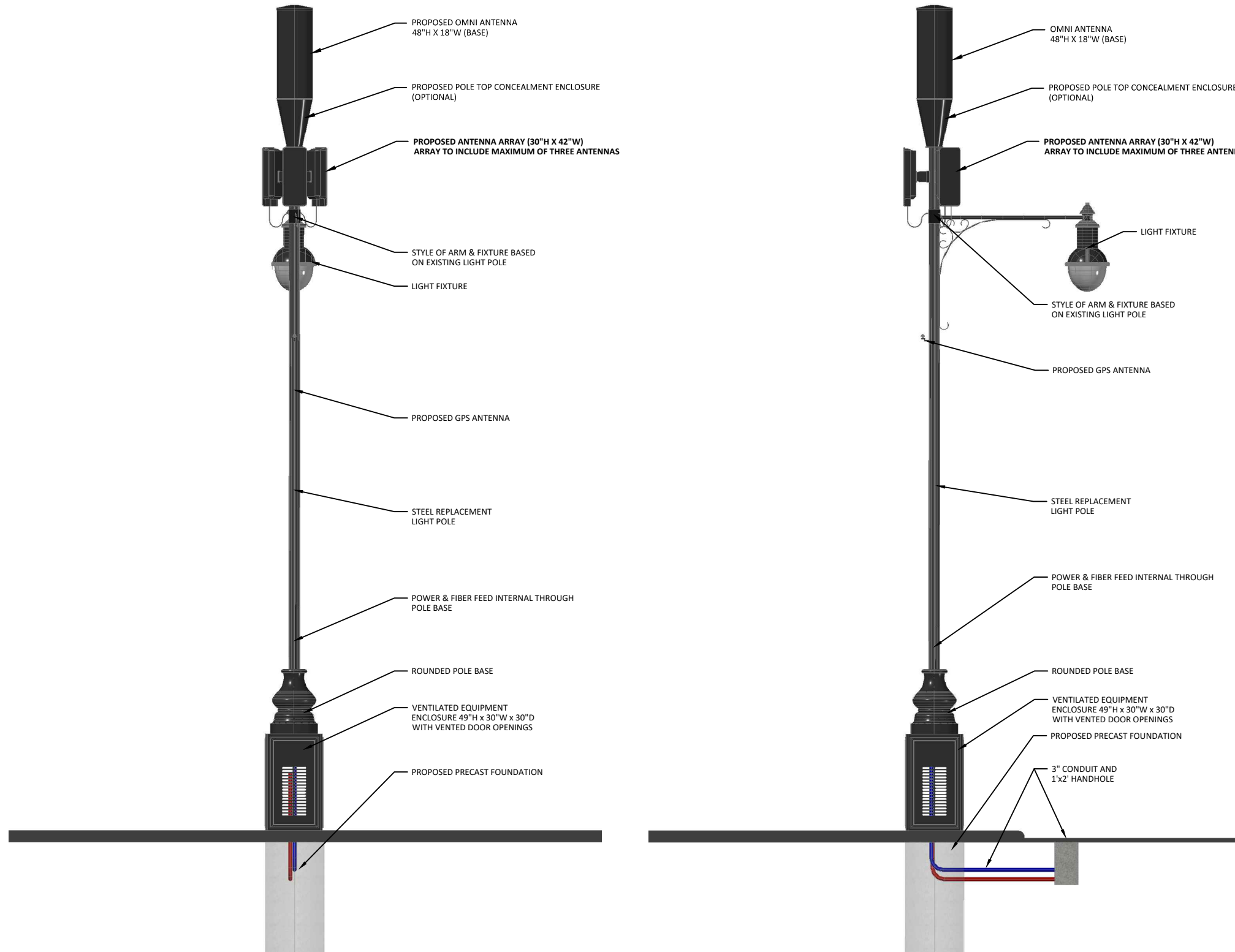
SCHEDULE OF APPROVED WIRELESS FACILITIES

Facility Number	X-3A - Pendant Light Pole with RRH Concealment
Attachment Types <i>(check all that apply and provide detail below)</i>	<input checked="" type="checkbox"/> Replacement City Pole (streetlight) <input checked="" type="checkbox"/> Replacement City Property Pole (streetlight) <input type="checkbox"/> Attach to existing City Pole (streetlight) <input type="checkbox"/> Attach to existing City Property Pole (streetlight) <input type="checkbox"/> Attach to existing City Pole (traffic signal) <input type="checkbox"/> Attach to existing City Property Pole (traffic signal) <input type="checkbox"/> Attach to existing City Pole (street furniture) <input type="checkbox"/> Attach to existing City Property Pole (street furniture) <input type="checkbox"/> Attach to Non-City Pole
Attachment Type Detail	Square Aluminum, Antenna Side Mounted
Physical Description	Antenna array (no more than 42" diameter and no more than 30" height) of up to three antennas mounted to exterior of pole above and below the light fixture with a previously approved X-1 antenna or as a stand-alone system. Remote radio head(s), power, and fiber equipment will be concealed and ventilated within a stealth, expanded, base (not to exceed 49"H x 30"W x 30"D) The base will be painted to match the steel replacement pole and antenna equipment. GPS Antenna to be installed on the pole (not to exceed 4"H x 3"W).
Concealment	The antenna and related telecommunication equipment will be concealed as detailed above.
Included Documents	The following documents: A. Pole Profile including equipment specifications and ground connection details. B. Photo mock-up showing existing and proposed pole views.
RF Compliance	<input checked="" type="checkbox"/> Facility conforms to information already on file <input checked="" type="checkbox"/> RF information attached

Information	Crown Castle will attach FCC signage appropriate to the installed equipment.
Comments	

PENDANT REPLACEMENT LIGHT POLE WITH BASE CABINET

ANTENNA ARRAY AND POLE TOP ANTENNA

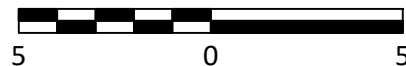


NOTES:

1. ALL DISTANCES, DIMENSIONS, LOCATIONS, EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIAL, COLOR & STYLE WILL MATCH CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY RF FRIENDLY MATERIAL WILL BE PAINTED TO MATCH.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. THE PURPOSE OF THE DESIGN IS TO SHOW A CONCEPTUAL DESIGN FOR THE REPLACEMENT/MODIFICATIONS OF EXISTING LIGHT POLE. THEREFORE, THESE DESIGNS ARE INHERENTLY APPROXIMATE IN NATURE AND SHOULD NOT BE USED AS AN EXACT, SCALED ENGINEERING DRAWING.
5. POLE REPLACEMENT SPECIFICATIONS AND DIMENSIONS, INCLUDING STRUCTURAL FOUNDATIONS, WILL VARY BASED ON REQUIRED ANTENNA HEIGHTS REQUESTED BY CROWN CASTLE.
6. EQUIPMENT ENCLOSURE TO BE NO LARGER THAN (49"Hx30"Wx30"D).
7. GPS ANTENNA TO BE NO LARGER THAN 4"Hx3"W.
8. OMNI ANTENNA TO BE NO LARGER THAN 18"Øx40"H.
9. EACH ANTENNA ARRAY TO BE NO LARGER THAN 30"Hx42"W.
10. POLE REPLACEMENT INFORMATION FOR ALL STANDARD LIGHT POLES:
 - 21' EXISTING POLE TO BE REPLACED WITH NEW POLE AND A MAX HEIGHT OF 25.2'
 - 25' EXISTING POLE TO BE REPLACED WITH NEW POLE AND A MAX HEIGHT OF 30'
11. CROWN CASTLE WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
12. LED LIGHT & LUMINAIRE ARM STYLE WILL MATCH EXISTING & BE AT SAME HEIGHT AS SHOWN IN PHOTOSIMS.
13. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
14. PROPOSED INSTALLATION WILL BE PERFORMED IN ACCORDANCE WITH APPLICABLE SAFETY CODES, MAINTAINING APPROPRIATE CLEARANCES FROM EXISTING UTILITIES.
15. PROPOSED INSTALLATION WILL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE STRUCTURAL ENGINEERING DESIGN STANDARDS. ANY ADDITIONS OR MODIFICATIONS TO THE EXISTING INSTALLATION WILL INCLUDE MODIFICATIONS TO ENSURE THE STRUCTURE IS SOUND AND COMPLIANT WITH CURRENT APPLICABLE STANDARDS.
16. ORNAMENTAL & DECORATIVE FEATURES & LUMINAIRES WILL MATCH THE EXISTING FIXTURE UNLESS THE EXISTING FIXTURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO A CITY OF BOSTON APPROVED LED FIXTURE.

PROPOSED PROFILE - REAR VIEW
FROM FIELD/SIDEWALK LOOKING TOWARDS ROAD

SCALE IN FEET



PROPOSED PROFILE - SIDE VIEW
FROM ROADSIDE LOOKING UP ROAD

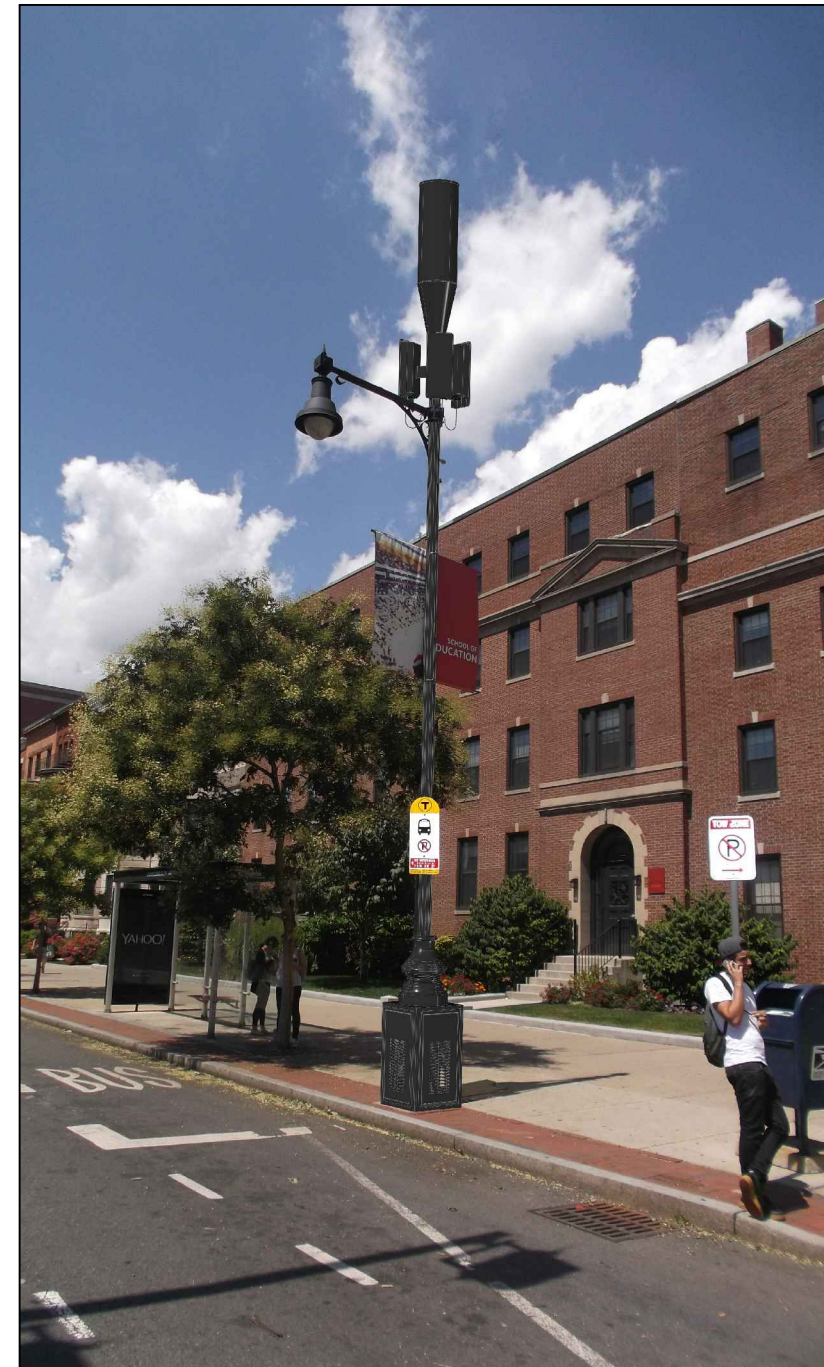
REVISIONS		
REV	DESCRIPTION	DATE

PREPARED BY: 21 OXFORD RD MANSFIELD, MA 02048 www.ucseeng.com 1-508-337-7600	TITLE: EXHIBIT X-23A PROPOSED BOSTON, MA
PREPARED FOR: 	POLE INFO: STEEL PENDANT POLE
SURVEYED BY: UCS	PRINT NO: 1 OF 3
DRAWN BY: NB	SCALE: AS SHOWN
ISSUE DATE: 01/17/19	AS BUILT:

PENDANT REPLACEMENT LIGHT POLE WITH BASE CABINET ANTENNA ARRAY AND POLE TOP ANTENNA





EXISTING PHOTOGRAPHIC VIEW



PROPOSED PHOTOGRAPHIC SIMULATION

04/29/2019 N:\Engineering\Crown Castle\EXHIBIT EXAMPLES FOR CITY OF BOSTON\AA - AUTOCAD\EXHIBIT X-23A.dwg

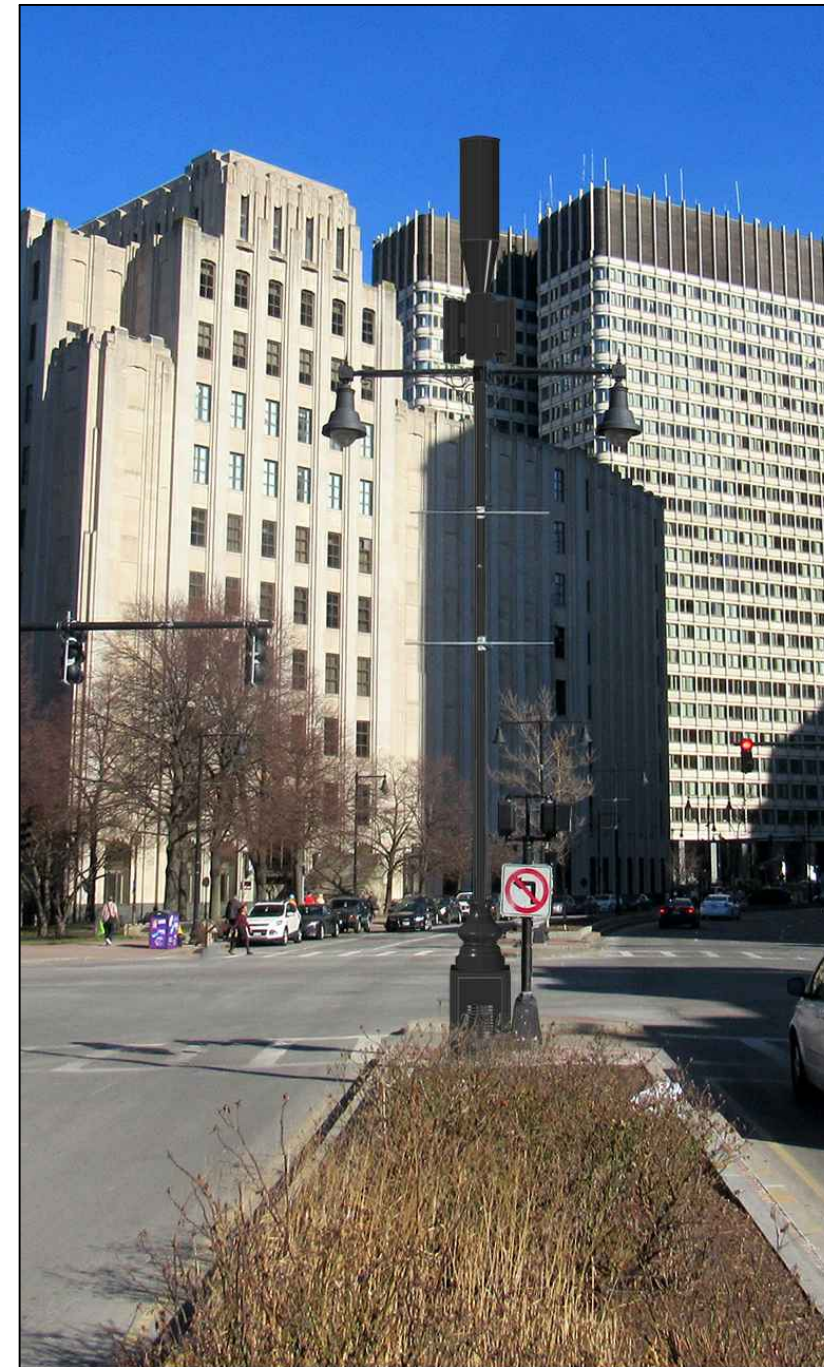
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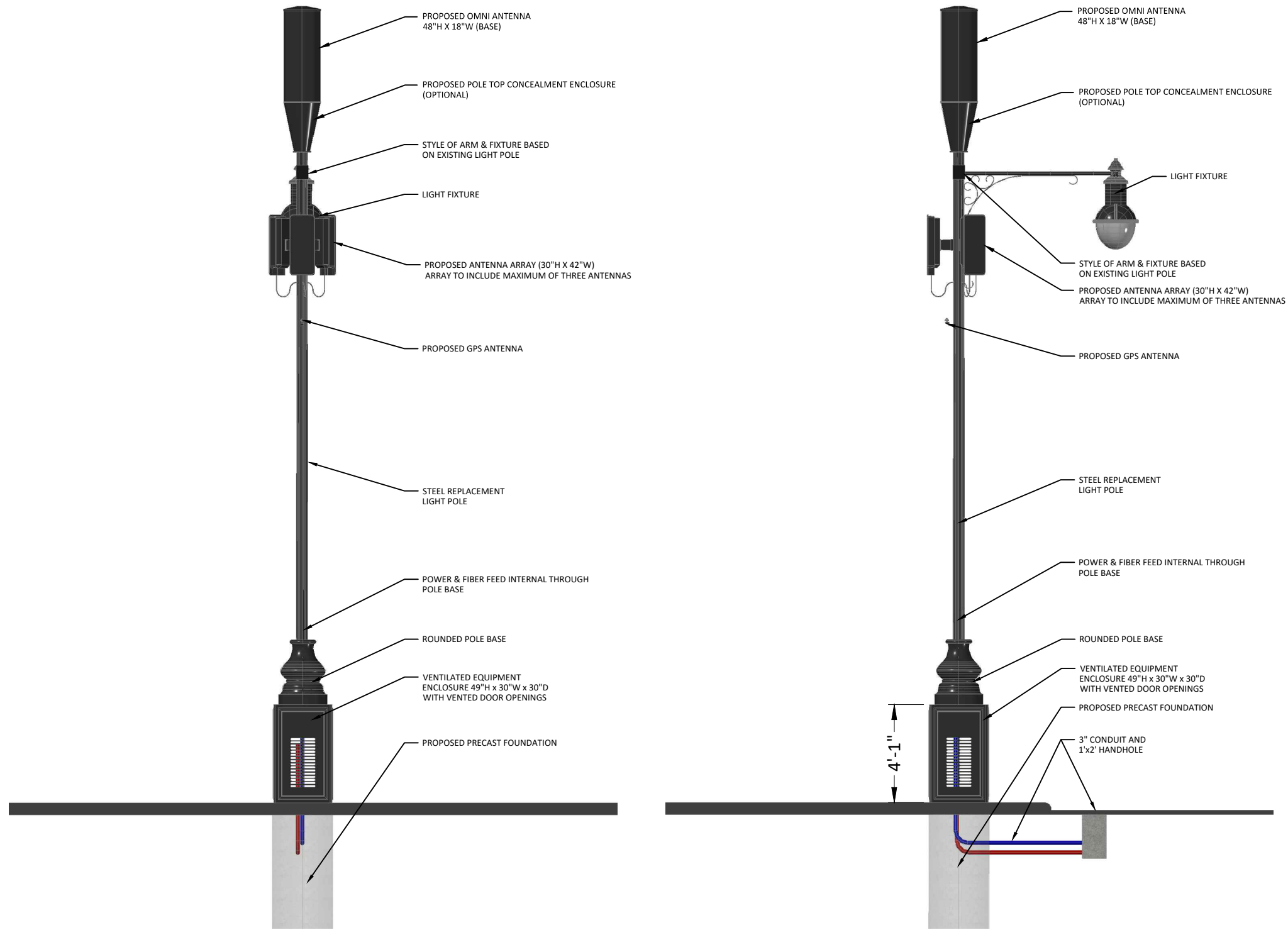
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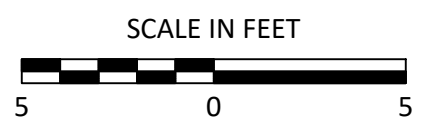
PENDANT REPLACEMENT LIGHT POLE WITH SIDE CABINET ANTENNA ARRAY AND POLE TOP ANTENNA



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PROPOSED PROFILE - SIDE VIEW
FROM ROADSIDE LOOKING UP ROAD



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ISSUE DATE: 4/16/19	AS BUILT:

PENDANT REPLACEMENT LIGHT POLE WITH SIDE CABINET ANTENNA ARRAY AND POLE TOP ANTENNA



EXISTING PHOTOGRAPHIC VIEW



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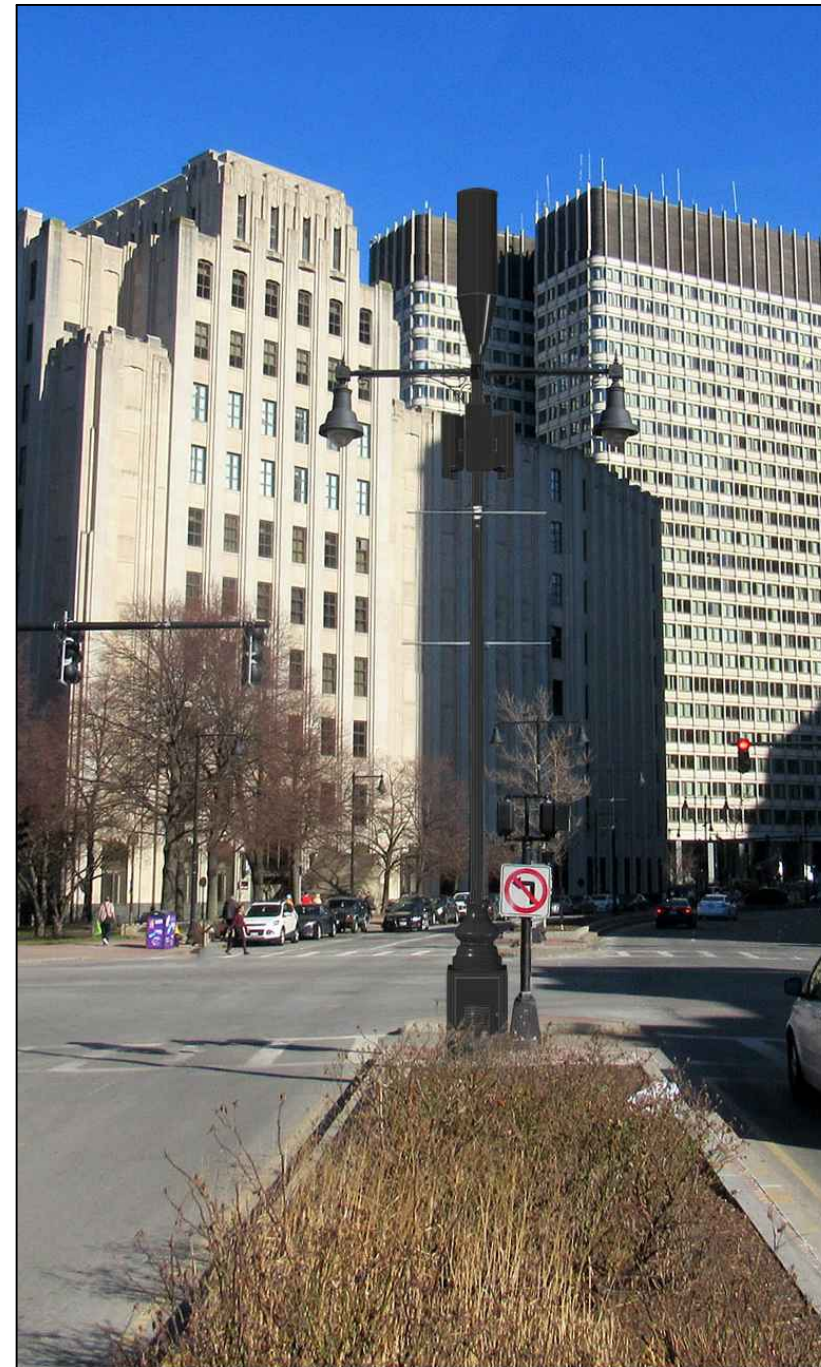
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