

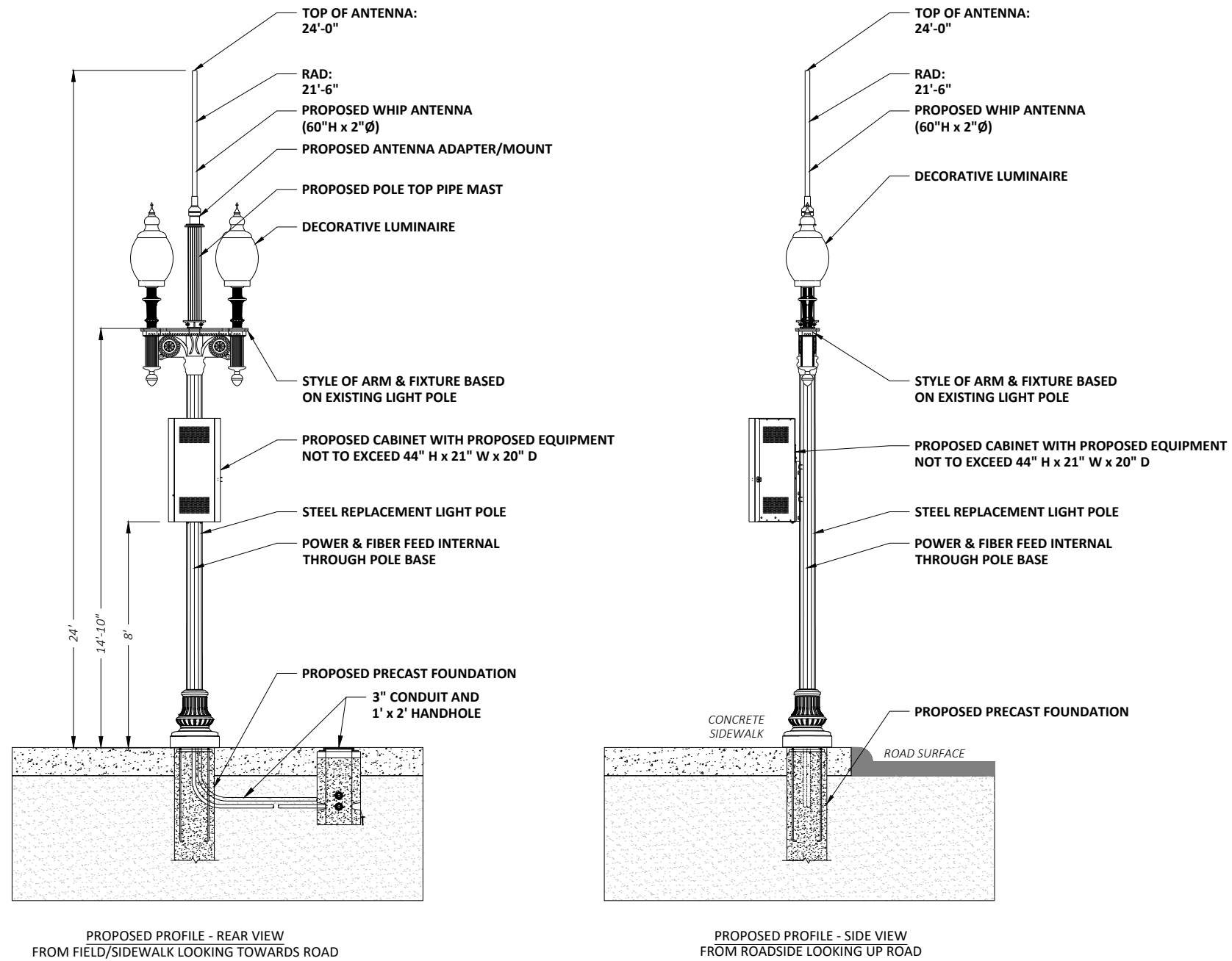
**EXHIBIT X-20**

**SCHEDULE OF APPROVED WIRELESS FACILITIES**

<b>Facility Number</b>	X-20 - Decorative Light Pole (Double Acorn w/ Side Mount with Whip Antenna)
<b>Attachment Types</b>  <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
<b>Attachment Type Detail</b>	Decorative Light Pole (Double Acorn Pole w/ Side Mount with Whip Antenna)
<b>Physical Description</b>	Omni whip antenna (not to exceed 60”H x 2”W) will be installed pole top and will be painted to match the steel replacement pole. Replacement double acorn style luminaire will be installed at the same height as the existing pole. Remote radio head(s), power, and fiber equipment will be concealed and ventilated within a stealth, expanded, base (not to exceed 46”H x 21”W x 20”D). Base will be painted to match the steel replacement pole and antenna equipment.
<b>Concealment</b>	The antenna and related telecommunication equipment will be concealed as detailed above.
<b>Included Documents</b>	The following documents: A. Pole Profile including equipment specifications and ground connection details. B. Photo mock-up showing existing and proposed pole views.
<b>RF Compliance</b>	<input checked="" type="checkbox"/> Facility conforms to information already on file <input checked="" type="checkbox"/> RF information attached  Crown Castle will attach FCC signage appropriate to the installed equipment.

<b>Information</b>	
<b>Comments</b>	

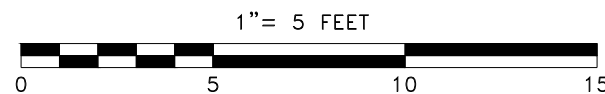
# DOUBLE ACORN WITH SIDE MOUNT CABINET AND 4G WHIP ANTENNA



**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 CLOSURE TO BE NO LARGER THAN (44"H x 21"W x 20"D).
7. WHIP ANTENNA TO BE NO LARGER THAN 60"H x 2"Ø.
8. POLE REPLACEMENT INFORMATION FOR ALL STANDARD LIGHT POLES:  
- 18' EXISTING POLE TO BE REPLACED WITH NEW POLE AND A MAX HEIGHT OF 24'
9. CROWN CASTLE WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
10. LED LIGHT & LUMINAIRE ARM WILL BE AT SAME HEIGHT AS EXISTING
11. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
12. PROPOSED INSTALLATION WILL BE PERFORMED IN ACCORDANCE WITH APPLICABLE SAFETY CODES, MAINTAINING APPROPRIATE CLEARANCES FROM EXISTING UTILITIES.
13. 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.
14. 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.

REVISIONS		
REV	DESCRIPTION	DATE



PREPARED BY: <b>PIKE TELECOM</b> 21 Oxford Rd Mansfield, MA 02048 www.piketelecom.org 1-508-337-7600	TITLE: <b>EXHIBIT X-20</b> PROPOSED BOSTON, MA
PREPARED FOR: <b>CROWN CASTLE</b>	POLE INFO: DOUBLE ACORN
SURVEYED BY: PIKE	PRINT NO: 1 OF 2
DRAWN BY: GL	SCALE: AS SHOWN
ISSUE DATE: 11/19/21	AS BUILT:

## DOUBLE ACORN WITH SIDE MOUNT CABINET, AND 4G WHIP ANTENNA



EXISTING PHOTOGRAPHIC VIEW



PROPOSED PHOTOGRAPHIC SIMULATION

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REVISIONS		
REV	DESCRIPTION	DATE

PREPARED BY: <b>PIKE TELECOM</b> 21 Oxford Rd Mansfield, MA 02048 www.piketelecom.org 1-508-337-7600	TITLE: <b>EXHIBIT X-20</b> PROPOSED BOSTON, MA	
	POLE INFO: DOUBLE ACORN	
PREPARED FOR: <b>CROWN CASTLE</b>	SURVEYED BY: PIKE	PRINT NO: 2 OF 2
	DRAWN BY: GL	SCALE: AS SHOWN
	ISSUE DATE: 11/19/21	AS BUILT: