EXHIBIT X-18A

TEMPLATE FOR
SCHEDULE OF APPROVED WIRELESS FACILITIES
(To be completed for each Approved Wireless Facility design)

<table>
<thead>
<tr>
<th>Facility Number</th>
<th>X-18A – Standard Concrete Light Pole</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Attachment Types</strong></td>
<td>(check all that apply and provide detail below)</td>
</tr>
<tr>
<td><em>X</em> Replacement City Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>___ Replacement City Property Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Property Pole (streetlight)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Pole (traffic signal)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Property Pole (traffic signal)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Pole (street furniture)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to existing City Property Pole (street furniture)</td>
<td></td>
</tr>
<tr>
<td>___ Attach to Non-City Pole</td>
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</tr>
<tr>
<td><strong>Attachment Type Detail</strong></td>
<td>Concrete Style Poles located within an intersection at the discretion of Boston Street Lighting.</td>
</tr>
<tr>
<td><strong>Physical Description</strong></td>
<td>Antenna System (no more than 42” diameter and 30” height) mounted to exterior of pole and painted to match pole. Antenna system can be installed above or below light fixture. Antenna system can be installed with previously approved exhibit X-18 antenna or as stand-alone system. Radio equipment, power and fiber equipment concealed within pole mounted cabinet, not to exceed 26” square and 46” tall, painted to match exterior pole. Overall height of replacement pole not to exceed 20% of existing pole height (not including antennas)</td>
</tr>
<tr>
<td><strong>Concealment</strong></td>
<td>Pole top antenna and related cabling will be contained as detailed above. Cabling will be routed within the replacement pole structure and will connect to the equipment housed within the cabinet.</td>
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</table>
### Included Documents

The following documents:

- A. Replacement Pole Profile including fixture type(s), equipment specifications, and foundation and grounding details.
- B. Photo showing an example of each Attachment Type listed or checked above.
- C. Photo mockup of each Attachment Type listed or checked above showing the appearance after the Approved Wireless Facility as installed.

### RF Compliance Information

| Facility conforms to information already on file | X RF information attached |

### Comments
STANDARD CONCRETE LIGHT POLE
EXISTING CONDITIONS - EXHIBIT X-18
NEW TECHNOLOGY NOTE:
The maximum antenna system shown may be installed in conjunction with the previously approved EXHIBIT X antenna or as a standalone configuration.

GENERAL NOTES:
1. All distances, dimensions, locations, equipment designations and specifications are approximate.
2. All materials will resemble currently existing materials and where needed any RF friendly material will be painted to match. Materials & light fixture to be synonymous with surrounding lights at that location.
3. It is assumed that all proposed utilities will be routed below grade to the proposed installation.
4. The purpose of the design shown 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 heights will vary based on required antenna heights requested by Extenet Systems.
6. Equipment closure to be no larger than (53"x26"x26"x26").
7. Antenna to be no larger than 16"Øx40"H.
8. 14' existing pole to be replaced with new pole with a max height of 16.8' 19' existing pole to be replaced with new pole with a max height of 22.8' 24' existing pole to be replaced with new pole with a max height of 28.8' 29' existing pole to be replaced with new pole with a max height of 34.8'.
9. Extenet Systems will place small placard on pole identifying ownership/contact information.
10. LED light will be installed at the same height as existing.
11. Luminarie arm will be installed at the same height as existing. Any changes to existing height requires prior approval by the City of Boston's Street Light Department.
12. Proposed lighting will conform to the City of Boston's lighting standards.
13. Ornamental decorative fixtures will be identical to the existing fixture unless the existing feature is a metal halide or high pressure sodium fixture. In these scenarios, the fixture will be upgraded to an approved LED fixture. 
14. Standard concrete poles and pole heights shall be approved for the following luminarie fixtures: Aerienda, Cobra, Double Cobra, Shoebox, Curved, Double Curved, Straight, and Double Straight.

STANDARD CONCRETE POLE ELEVATION - EXHIBIT X-18A

Scale in Feet

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<td>LS</td>
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STANDARD CONCRETE LIGHT POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-18A

SUBMITTALS

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NEW TECHNOLOGY NOTE:
THE MAXIMUM ANTENNA SYSTEM SHOWN MAY BE INSTALLED IN CONJUNCTION WITH THE PREVIOUSLY APPROVED EXHIBIT X ANTENNA OR AS A STANDALONE CONFIGURATION.

GENERAL NOTES:
1. ALL DISTANCES, DIMENSIONS, LOCATIONS, EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
2. ALL MATERIALS WILL RESEMBLE CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY RF FRIENDLY MATERIAL WILL BE PAINTED TO MATCH. MATERIALS & LIGHT FIXTURE TO BE SYNONYMOUS WITH SURROUNDING LIGHTS AT THAT LOCATION.
3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.
4. THE PURPOSE OF THE DESIGN SHOWN 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 HEIGHTS WILL VARY BASED ON REQUIRED ANTENNA HEIGHTS REQUESTED BY EXTENET SYSTEMS.
6. EQUIPMENT CLOSURE TO BE NO LARGER THAN (53"Hx26"Wx26"D).
7. ANTENNA TO BE NO LARGER THAN 16"Øx40"H.
8. 14' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 16.8'
   19' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 22.8'
   24' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 28.8'
   29' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 34.8'
9. EXTENET SYSTEMS WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.
10. LED LIGHT WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING.
11. LUMINARIE ARM WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING. ANY CHANGES TO EXISTING HEIGHT REQUIRES PRIOR APPROVAL BY THE CITY OF BOSTON'S STREET LIGHT DEPARTMENT.
12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
13. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FEATURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN APPROVED LED FIXTURE.
14. STANDARD CONCRETE POLES AND POLE HEIGHTS SHALL BE APPROVED FOR THE FOLLOWING LUMINARY FIXTURES: AERIETA, COBRA, DOUBLE COBRA, SHOEBOX, CURVED, DOUBLE CURVED, STRAIGHT, AND DOUBLE STRAIGHT.

STANDARD CONCRETE POLE ELEVATION - EXHIBIT X-18B

SCALE IN FEET

REV DATE DESCRIPTION INITIALS
1 1/8/20 FOR SUBMITTAL LS
STANDARD CONCRETE LIGHT POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-18B

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21 Oxford Rd
Mansfield, MA 02048
www.piketelecom.org
1-508-337-7600
CONCRETE SIDEWALK
ROAD
PROPOSED FIBER VIA EXTENET CONDUIT

PROPOSED (3) ANTENNAS WITH RADIOS
(PROVIDED BY OTHERS)

CABLE EXIT PORTS (4)

LUMINAIRE ON NEW 6’ STRAIGHT ARM PER C.O.B. STANDARDS

19’ VISCO STEEL “LOOK ALIKE” POLE PAINTED TO MATCH EXISTING PER C.O.B. STANDARDS

SEPARATE POWER TO CONTINUE TO STREETLIGHT

STANDARD CONCRETE POLE ELEVATION - EXHIBIT X-18C

GENERAL NOTES:
1. ALL DISTANCES, DIMENSIONS, LOCATIONS, EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.
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5. POLE REPLACEMENT HEIGHTS WILL VARY BASED ON REQUIRED ANTENNA HEIGHTS REQUESTED BY EXTENET SYSTEMS.
6. EQUIPMENT CLOSURE TO BE NO LARGER THAN (53”Hx26”Wx26”D).
7. ANTENNA TO BE NO LARGER THAN 16”Øx40”H.
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11. LUMINARIE ARM WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING. ANY CHANGES TO EXISTING HEIGHT REQUIRES PRIOR APPROVAL BY THE CITY OF BOSTON’S STREET LIGHT DEPARTMENT.
12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON’S LIGHTING STANDARDS.
13. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FEATURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN APPROVED LED FIXTURE.
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NEW TECHNOLOGY NOTE:
The maximum antenna system shown may be installed in conjunction with the previously approved exhibit X antenna or as a standalone configuration.

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STANDARD CONCRETE POLE ELEVATION - EXHIBIT X-18C

SCALE IN FEET

5 0 5

REV DESCRIPTION
1 1/8/20 FOR SUBMITTAL LS
STANDARD CONCRETE LIGHT POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-18C

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21 Oxford Rd
Mansfield, MA 02048
www.piketelecom.org
1-508-337-7600

PPP-18C
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3. It is assumed that all proposed utilities will be routed below grade to the proposed installation.
4. The purpose of the design shown 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 heights will vary based on required antenna heights requested by Extenet Systems.
6. Equipment closure to be no larger than (53"Hx26"Wx26"D).
7. Antenna to be no larger than 16"Øx40"H.
8. 14' existing pole to be replaced with new pole with a max height of 16.8'.
   19' existing pole to be replaced with new pole with a max height of 22.8'.
   24' existing pole to be replaced with new pole with a max height of 28.8'.
   29' existing pole to be replaced with new pole with a max height of 34.8'.
9. Extenet Systems will place small placard on pole identifying ownership/contact information.
10. LED light will be installed at the same height as existing.
11. Luminaire arm will be installed at the same height as existing. Any changes to existing height requires prior approval by the City of Boston's Street Light Department.
12. Proposed lighting will conform to the City of Boston's lighting standards.
13. Ornamental decorative fixtures will be identical to the existing fixture unless the existing feature is a metal halide or high pressure sodium fixture. In these scenarios, the fixture will be upgraded to an approved LED fixture.
14. Standard concrete poles and pole heights shall be approved for the following luminary fixtures: Aerieta, Cobra, Double Cobra, Shoebox, Curved, Double Curved, Straight, and Double Straight.
STANDARD CONCRETE LIGHT POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-18D
NEW TECHNOLOGY NOTE:
The maximum antenna system shown may be installed in conjunction with the previously approved exhibit X antenna or as a standalone configuration.

GENERAL NOTES:
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   24' existing pole to be replaced with new pole with a max height of 28.8'
   29' existing pole to be replaced with new pole with a max height of 34.8'
9. Extenet Systems will place small placard on pole identifying ownership/contact information.
10. LED light will be installed at the same height as existing.
11. Luminaire arm will be installed at the same height as existing. Any changes to existing height requires prior approval by the City of Boston’s Street Light Department.
12. Proposed lighting will conform to the city of Boston’s lighting standards.
13. Ornamental decorative fixtures will be identical to the existing fixture unless the existing feature is a metal halide or high pressure sodium fixture. In these scenarios, the fixture will be upgraded to an approved LED fixture.
14. Standard concrete poles and pole heights shall be approved for the following luminary fixtures: Aeria, Cobra, Double Cobra, Shoebox, Curved, Double Curved, Straight, and Double Straight.
STANDARD CONCRETE LIGHT POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-18E
NEW TECHNOLOGY NOTE:
The maximum antenna system shown may be installed in conjunction with the previously approved Exhibit X antenna or as a standalone configuration.

GENERAL NOTES:

1. All distances, dimensions, locations, equipment designations and specifications are approximate.

2. All materials will resemble currently existing materials and where needed any RF friendly material will be painted to match. Materials & light fixture to be synonymous with surrounding lights at that location.

3. It is assumed that all proposed utilities will be routed below grade to the proposed installation.

4. The purpose of the design shown 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 heights will vary based on required antenna heights requested by extenet systems.

6. Equipment closure to be no larger than (53"Hx26"Wx26"D).

7. Antenna to be no larger than 16"Øx40"H.

8. 14' Existing pole to be replaced with new pole with a max height of 16.8' 19' Existing pole to be replaced with new pole with a max height of 22.8' 24' Existing pole to be replaced with new pole with a max height of 28.8' 29' Existing pole to be replaced with new pole with a max height of 34.8'

9. Extenet systems will place small placard on pole identifying ownership/contact information.

10. LED light will be installed at the same height as existing.

11. Luminarie arm will be installed at the same height as existing. Any changes to existing height requires prior approval by the City of Boston's street light department.

12. Proposed lighting will conform to the City of Boston's lighting standards.

13. Ornamental decorative fixtures will be identical to 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 an approved LED fixture.

14. Standard concrete poles and pole heights shall be approved for the following luminary fixtures: Aerieta, Cobra, double Cobra, shoebox, curved, double curved, straight, and double straight.

STANDARD CONCRETE POLE ELEVATION - EXHIBIT X-18F

SCALE IN FEET

5 0 5

REV  DATE  DESCRIPTION  INITIALS
1  1/8/20  FOR SUBMITTAL  LS
STANDARD CONCRETE LIGHT POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-18F
NEW TECHNOLOGY NOTE:
THE MAXIMUM ANTENNA SYSTEM SHOWN MAY BE INSTALLED
IN CONJUNCTION WITH THE PREVIOUSLY APPROVED EXHIBIT X
ANTENNA OR AS A STANDALONE CONFIGURATION.

GENERAL NOTES:
1. ALL DISTANCES, DIMENSIONS, LOCATIONS, EQUIPMENT
   DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.

2. ALL MATERIALS WILL RESEMBLE CURRENTLY EXISTING MATERIALS
   AND WHERE NEEDED ANY RF FRIENDLY MATERIAL WILL BE
   PAINTED TO MATCH. MATERIALS & LIGHT FIXTURE TO BE
   SYNONYMOUS WITH SURROUNDING LIGHTS AT THAT LOCATION.

3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE
   ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.

4. THE PURPOSE OF THE DESIGN SHOWN 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 HEIGHTS WILL VARY BASED ON
   REQUIRED ANTENNA HEIGHTS REQUESTED BY EXTENET SYSTEMS.

6. EQUIPMENT CLOSURE TO BE NO LARGER THAN (53"Hx26"Wx26"D).

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   HEIGHT OF 34.8’

9. EXTENET SYSTEMS WILL PLACE SMALL PLACARD ON POLE
   IDENTIFYING OWNERSHIP/CONTACT INFORMATION.

10. LED LIGHT WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING.

11. LUMINARIE ARM WILL BE INSTALLED AT THE SAME HEIGHT AS
   EXISTING. ANY CHANGES TO EXISTING HEIGHT REQUIRES PRIOR
   APPROVAL BY THE CITY OF BOSTON’S STREET LIGHT DEPARTMENT.

12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON’S
    LIGHTING STANDARDS.

13. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE
    EXISTING FIXTURE UNLESS THE EXISTING FEATURE IS A METAL
    HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE
    SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN APPROVED
    LED FIXTURE.

14. STANDARD CONCRETE POLES AND POLE HEIGHTS SHALL BE
    APPROVED FOR THE FOLLOWING LUMINARIA FIXTURES: AERIETA,
    COBRA, DOUBLE COBRA, SHOEBOX, CURVED, DOUBLE CURVED,
    STRAIGHT, AND DOUBLE STRAIGHT.

STANDARD CONCRETE POLE ELEVATION - EXHIBIT X-18G

Scale in Feet

5 0 5
STANDARD CONCRETE LIGHT POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-18G
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11. LUMINARIE ARM WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING. ANY CHANGES TO EXISTING HEIGHT REQUIRES PRIOR APPROVAL BY THE CITY OF BOSTON'S STREET LIGHT DEPARTMENT.
12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.
13. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FEATURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN APPROVED LED FIXTURE.
14. STANDARD CONCRETE POLES AND POLE HEIGHTS SHALL BE APPROVED FOR THE FOLLOWING LUMINARY FIXTURES: AERIETA, COBRA, DOUBLE COBRA, SHOEBOX, CURVED, DOUBLE CURVED, STRAIGHT, AND DOUBLE STRAIGHT.
STANDARD CONCRETE LIGHT POLE
PROPOSED PHOTOSIMULATION - EXHIBIT X-18H

SUBMITTALS

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21 Oxford Rd
Mansfield, MA 02048
www.piketelecom.org
1-508-337-7600
1. ALL DISTANCES, DIMENSIONS, LOCATIONS, EQUIPMENT DESIGNATIONS AND SPECIFICATIONS ARE APPROXIMATE.

2. ALL MATERIALS WILL RESEMBLE CURRENTLY EXISTING MATERIALS AND WHERE NEEDED ANY RF FRIENDLY MATERIAL WILL BE PAINTED TO MATCH. MATERIALS & LIGHT FIXTURE TO BE SYNONYMOUS WITH SURROUNDING LIGHTS AT THAT LOCATION.

3. IT IS ASSUMED THAT ALL PROPOSED UTILITIES WILL BE ROUTED BELOW GRADE TO THE PROPOSED INSTALLATION.

4. THE PURPOSE OF THE DESIGN SHOWN 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 HEIGHTS WILL VARY BASED ON REQUIRED ANTENNA HEIGHTS REQUESTED BY EX TENET SYSTEMS.

6. EQUIPMENT CLOSURE TO BE NO LARGER THAN (53"Hx26"Wx26"D).

7. ANTENNA TO BE NO LARGER THAN 16"Øx40"H.

8. 14' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 16.8'
19' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 22.8'
24' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 28.8'
29' EXISTING POLE TO BE REPLACED WITH NEW POLE WITH A MAX HEIGHT OF 34.8'

9. EX TENET SYSTEMS WILL PLACE SMALL PLACARD ON POLE IDENTIFYING OWNERSHIP/CONTACT INFORMATION.

10. LED LIGHT WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING.

11. LUMINARIE ARM WILL BE INSTALLED AT THE SAME HEIGHT AS EXISTING. ANY CHANGES TO EXISTING HEIGHT REQUIRES PRIOR APPROVAL BY THE CITY OF BOSTON'S STREET LIGHT DEPARTMENT.

12. PROPOSED LIGHTING WILL CONFORM TO THE CITY OF BOSTON'S LIGHTING STANDARDS.

13. ORNAMENTAL DECORATIVE FIXTURES WILL BE IDENTICAL TO THE EXISTING FIXTURE UNLESS THE EXISTING FEATURE IS A METAL HALIDE OR HIGH PRESSURE SODIUM FIXTURE. IN THESE SCENARIOS, THE FIXTURE WILL BE UPGRADED TO AN APPROVED LED FIXTURE.

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