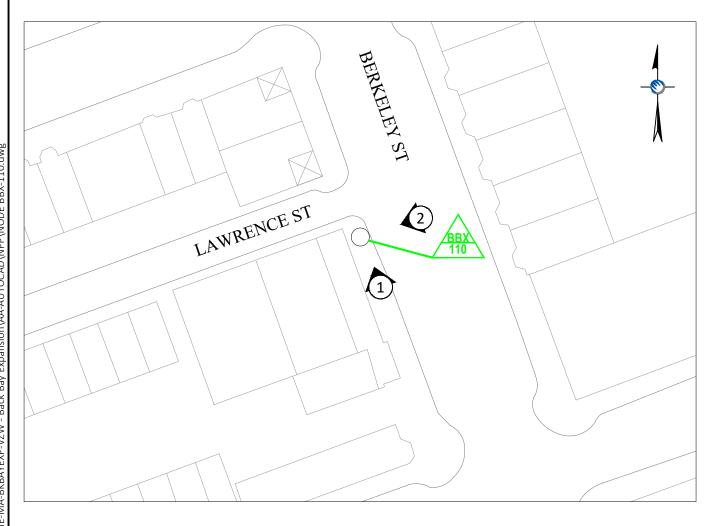
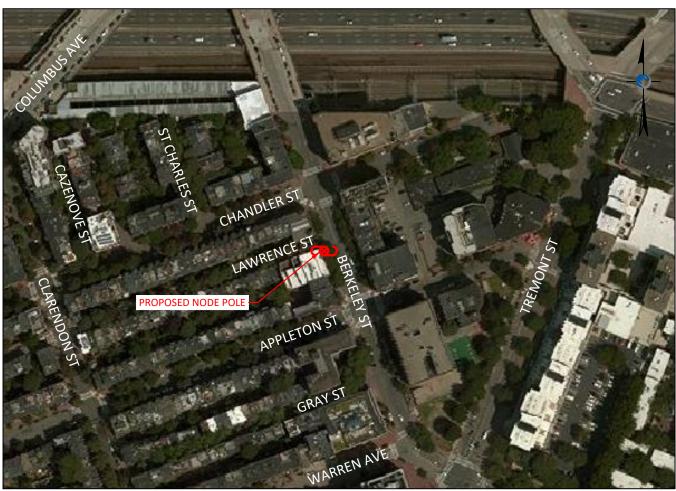


### **EXTENET SYSTEMS CITY OF BOSTON** SUFFOLK COUNTY, MA





### **LOCATION MAP**

LATITUDE: 42.346602° LONGITUDE: -71.070869° SCALE: 1" = 50'

## **LOCUS MAP**

PROJECT LOCATION - NODE BBX-110 SCALE: 1" = 500'

**Location and Design Approved Boston Public Works Street Lighting Department** 

Date:

BOSTON, MA SUFFOLK COUNTY

**EXISTING CITY OF BOSTON** STREET LIGHT TO BE REMOVED **AFTER** REPLACEMENT LIGHT HAS BEEN INSTALLED, INSPECTED AND POWERED.

PREPARED FOR:



PREPARED BY:



NODE BBX-110

REVISIONS		
REV	DESCRIPTION	DATE
1	NODE RELOCATION	2/27/17
2	UPDATED POLE INFORMATION	4/11/17
3	NAME SWAP	4/12/17

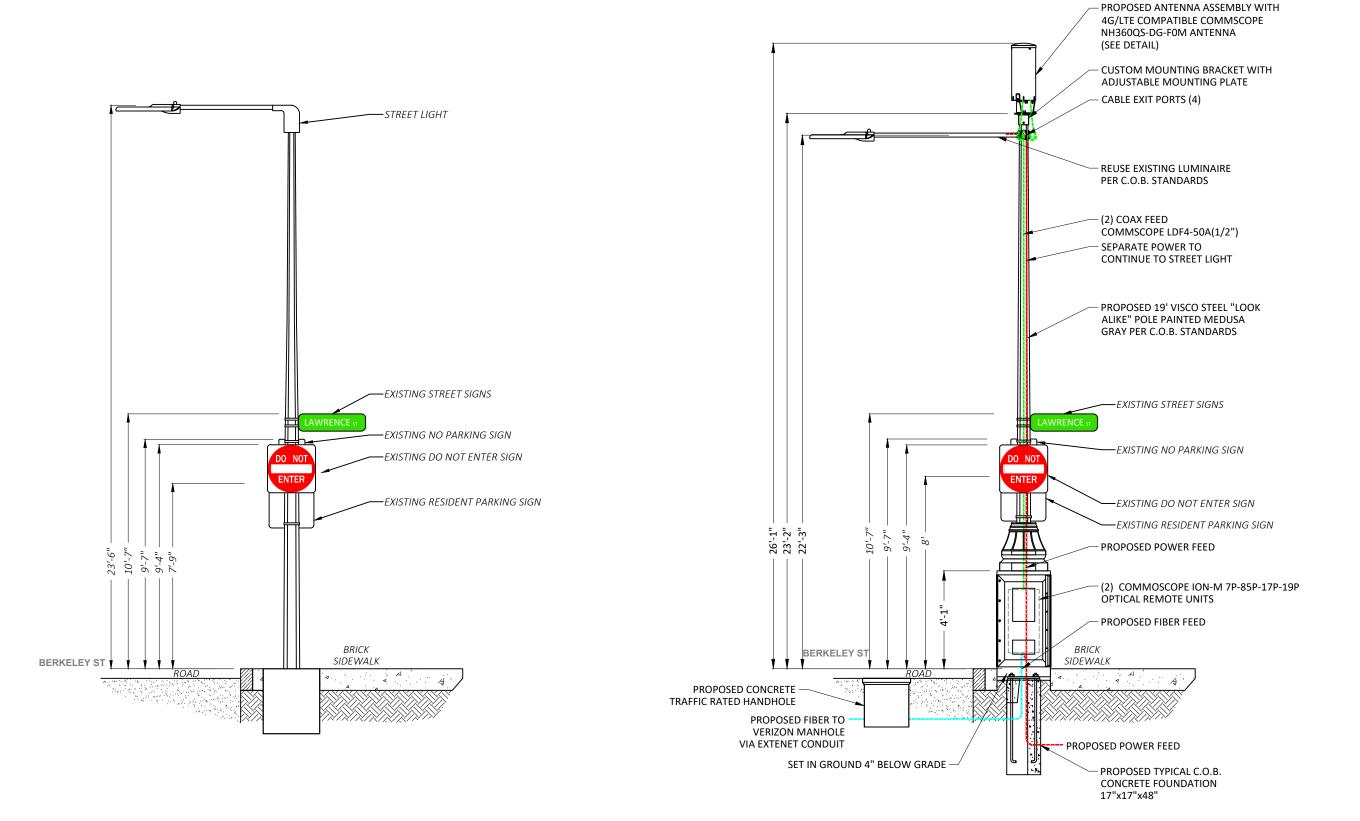
DRAFTER: DTB/SML SCALE: AS SHOWN ISSUE DATE: 01/26/16 INDEX NAME: BBX-110

SHEET#: 1 OF 6

# EXTENET DOWNTOWN BOSTON NODE BBX-110 SIDE VIEW

OVERTURE: 160 ACTUAL: 40/160/280

AZIMUTH



BOSTON, MA
SUFFOLK COUNTY

NOTES:

EXISTING CITY OF BOSTON
STREET LIGHT TO BE
REMOVED AFTER
REPLACEMENT LIGHT HAS
BEEN INSTALLED,
INSPECTED AND POWERED.

PREPARED FOR:



PREPARED BY



NODE BBX-110

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	INEVISIONS	
REV	DESCRIPTION	DATE
1	NODE RELOCATION	02/27/17
2	UPDATED POLE INFORMATION	4/11/17
3	NAME SWAP	4/12/17

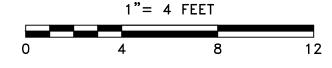
DRAFTER: DTB/SML

SCALE: 1" = 4'

SHEET#: 2 OF 6

ISSUE DATE: 01/26/16
INDEX NAME: BBX-110

1 EXISTING PROFILE - SIDE VIEW LOOKING NORTHWEST ALONG BERKELEY ST



1 PROPOSED PROFILE - SIDE VIEW LOOKING NORTHWEST ALONG BERKELEY ST

AZIMUTH **OVERTURE: 160°** 

ACTUAL: 40°/160°/280°

BOSTON, MA SUFFOLK COUNTY

**EXISTING CITY OF BOSTON** STREET LIGHT TO BE

REPLACEMENT LIGHT HAS

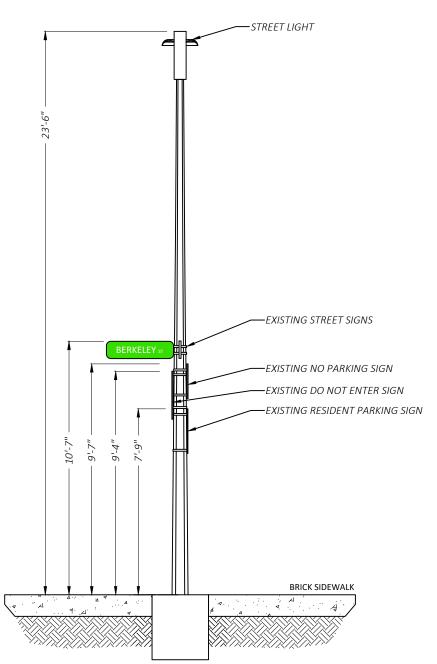
INSPECTED AND POWERED.

REMOVED **AFTER** 

BEEN INSTALLED,

PREPARED FOR:

PREPARED BY:



PROPOSED ANTENNA ASSEMBLY WITH 4G/LTE COMPATIBLE COMMSCOPE NH360QS-DG-F0M ANTENNA (SEE DETAIL) **CUSTOM MOUNTING BRACKET WITH** ADJUSTABLE MOUNTING PLATE CABLE EXIT PORTS (4) REUSE EXISTING LUMINAIRE PER C.O.B. STANDARDS (2) COAX FEED COMMSCOPE LDF4-50A(1/2") SEPARATE POWER TO CONTINUE TO STREET LIGHT PROPOSED 19' VISCO STEEL "LOOK ALIKE" POLE PAINTED MEDUSA GRAY PER C.O.B. STANDARDS **-**EXISTING STREET SIGNS -EXISTING NO PARKING SIGN -EXISTING DO NOT ENTER SIGN -EXISTING RESIDENT PARKING SIGN PROPOSED POWER FEED 26'-1" 23'-2" 22'-2" (2) COMMOSCOPE ION-M 7P-85P-17P-19P OPTICAL REMOTE UNITS PROPOSED FIBER FEED SET IN GROUND 4" BELOW GRADE BRICK SIDEWALK PROPOSED POWER FEED PROPOSED TYPICAL C.O.B. **CONCRETE FOUNDATION** 17"x17"x48"

NODE BBX-110

UC/SYNERGETIC

21 OXFORD RD

MANSFIELD, MA 02048

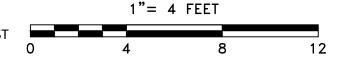
1 NODE RELOCATION 2 UPDATED POLE INFORMATION 3 NAME SWAP

DRAFTER: DTB/SML SCALE: 1" = 4'

SHEET#: 3 OF 6

ISSUE DATE: 01/26/16 INDEX NAME: BBX-110

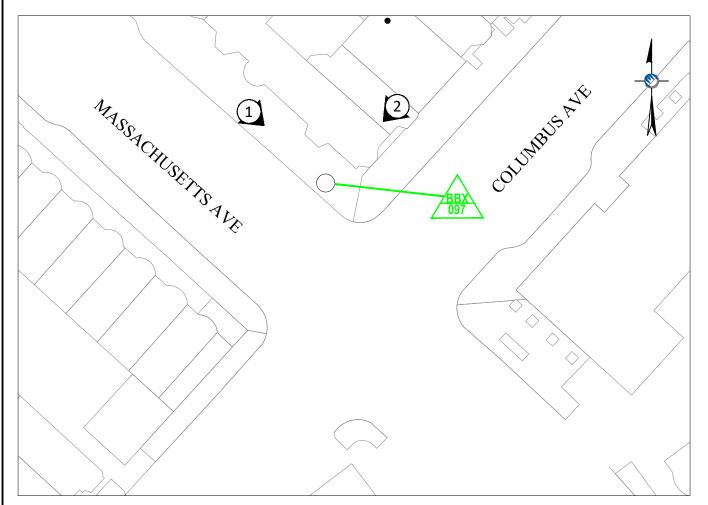
EXISTING PROFILE - REAR VIEW
LOOKING SOUTHWEST TOWARDS LAWRENCE ST

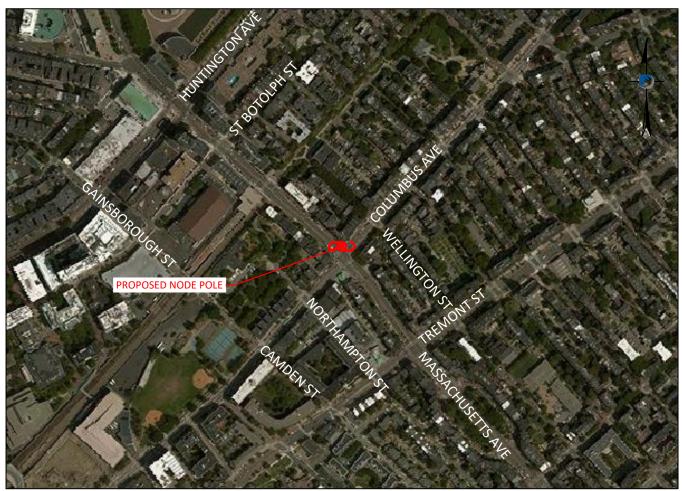


N:\Engineering\Extenet Systems\NE-MA-BKBAYEXP-VZW - Back Bay Expansion\AA-AUTOCAD\NPP\NODE BBX-110.dwg PROPOSED FIBER TO VERIZON MANHOLE VIA EXTENET CONDUIT

PROPOSED PROFILE - REAR VIEW LOOKING SOUTHWEST TOWARDS LAWRENCE ST

# EXTENET SYSTEMS CITY OF BOSTON SUFFOLK COUNTY, MA





### **LOCATION MAP**

LATITUDE: 42.340789° LONGITUDE: -71.081828° SCALE: 1" = 50'

## LOCUS MAP

PROJECT LOCATION - NODE BBX-097 SCALE: 1" = 500'

Location and Design Approved Boston Public Works Street Lighting Department

Ву: \_\_\_\_\_\_

Date:

REVISIONS
REV DESCRIPTION DATE
1 UPDATED INFORMATION 04/18/1

DRAFTER: AW

SCALE: AS SHOWN

UC/SYNERGETIC

21 OXFORD RD
MANSFIELD, MA 02048
www.ucseng.com 1-508-337-7600

NODE

BBX-097

BOSTON, MA
SUFFOLK COUNTY

NOTES:

PREPARED FOR:

PREPARED BY:

ISSUE DATE: 03/27/17
INDEX NAME: BBX-097
SHEET #: 1 OF 7

8/17

AZIMUTH
OVERTURE: 315°
ACTUAL: 135°/315°

PROPOSED 22'-3" STEEL
FLUTED POLE TAPERED
DIAMETER (10" BASE 6%" TOP)

COAX FEED
COMMSCOPE LDF4-50A(1/2")

EXISTING TOW ZONE SIGN

SEPARATE POWER TO
CONTINUE TO
STREETLIGHT
(2) COMMSCOPE ION-M 7P-85P-17P-19P
OPTICAL REMOTE UNITS

SET IN GROUND 4" BELOW GRADE

MASSACHUSETTS AVE
PROPOSED CONCRETE
TRAFFIC RATED HANDHOLE

PROPOSED FIBER TO

VERIZON MANHOLE VIA EXTENET CONDUIT PROPOSED POWER FEED TO STREETLIGHT CONNECTED BY EVERSOURCE

-PROPOSED ANTENNA ASSEMBLY WITH 4G/LTE COMPATIBLE CSS CYL-X7CAP-2-P ANTENNA

PROPOSED WESTERN UTILITY TELECOM

CABLE SHROUD KIT 008H PAINTED TO MATCH POLE

EXISTING TOW ZONE SIGN MASSACHUSETTS AVE

1 EXISTING PROFILE - SIDE VIEW LOOKING SOUTHEAST ALONG MASSACHUSETTS AVE



BRICK

PROPOSED ROUND— FOUNDATION 24" Ø x 72" D

1 PROPOSED PROFILE - SIDE VIEW LOOKING SOUTHEAST ALONG MASSACHUSETTS AVE

BOSTON, MA
SUFFOLK COUNTY

NOTES:

PREPARED FOR:



PREPARED BY:



NODE BBX-097

	REVISION	S	
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DRAFTER: AW

SCALE: 1" = 4'

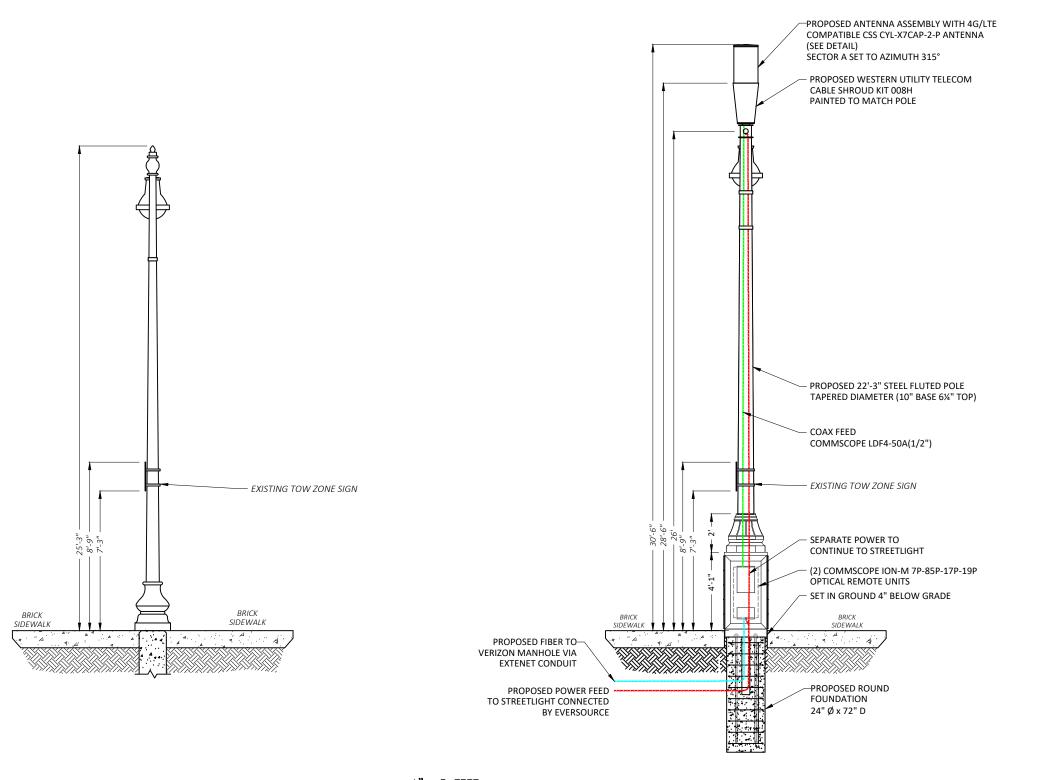
ISSUE DATE: 03/27/17

INDEX NAME: BBX-097

2

AZIMUTH OVERTURE: 315°

ACTUAL: 135°/315°



NOTES:

BOSTON, MA SUFFOLK COUNTY

PREPARED FOR:



PREPARED BY:



NODE BBX-097

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SCALE: 1" = 4' ISSUE DATE: 03/27/17

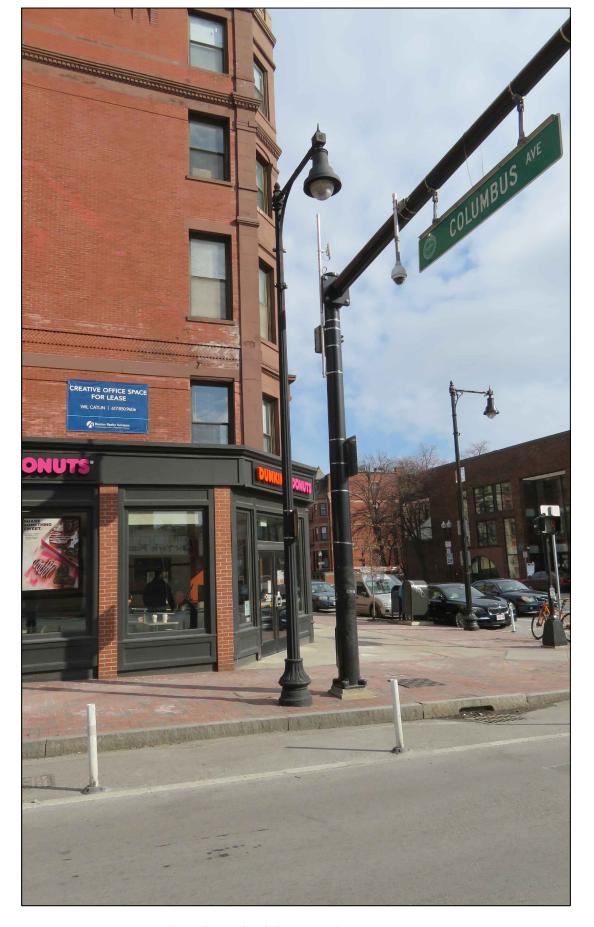
SHEET#: 3 OF 7

INDEX NAME: BBX-097

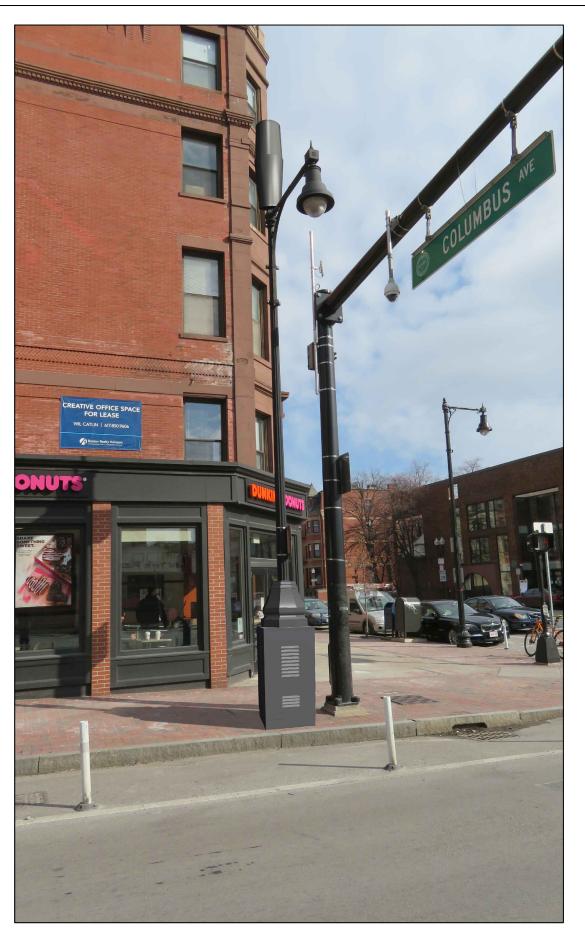
2 EXISTING PROFILE - REAR VIEW LOOKING SOUTHWEST TOWARDS MASSACHUSETTS AVE



PROPOSED PROFILE - REAR VIEW
LOOKING SOUTHWEST TOWARDS MASSACHUSETTS AVE



EXISTING PHOTOGRAPHIC VIEW



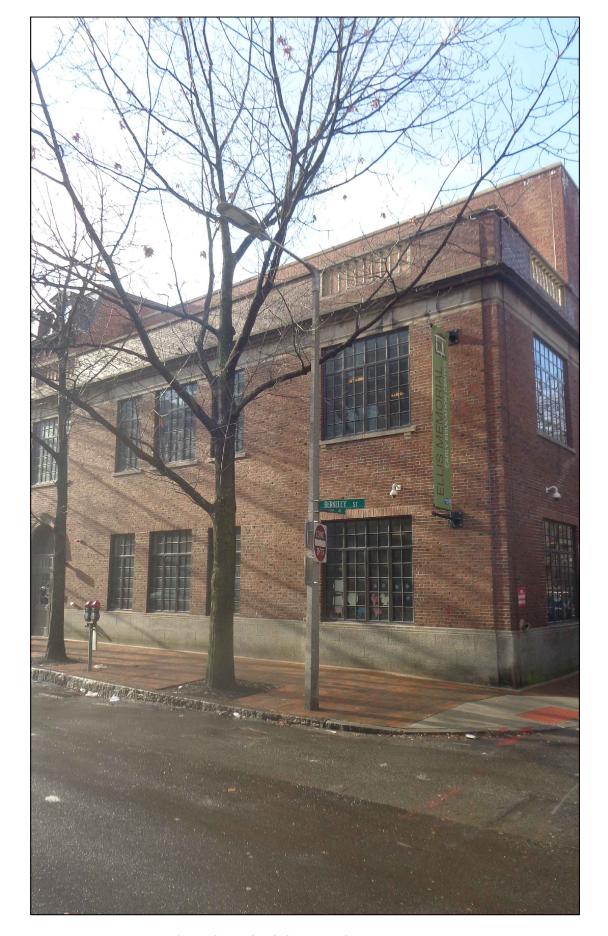
PROPOSED PHOTOGRAPHIC SIMULATION

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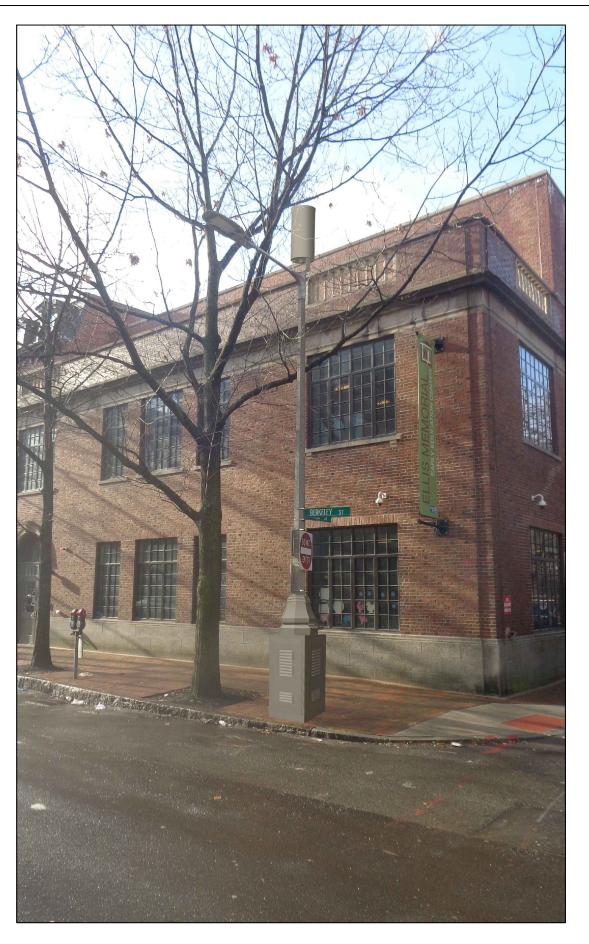
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ISSUE DATE: 08/15/17	$\mid  1  \mid$
INDEX NAME: NODE BBX-097	



EXISTING PHOTOGRAPHIC VIEW



PROPOSED PHOTOGRAPHIC SIMULATION

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	www.ucseng.com 1-508-3	137-7600
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ISSUE DATE: 08/15/17