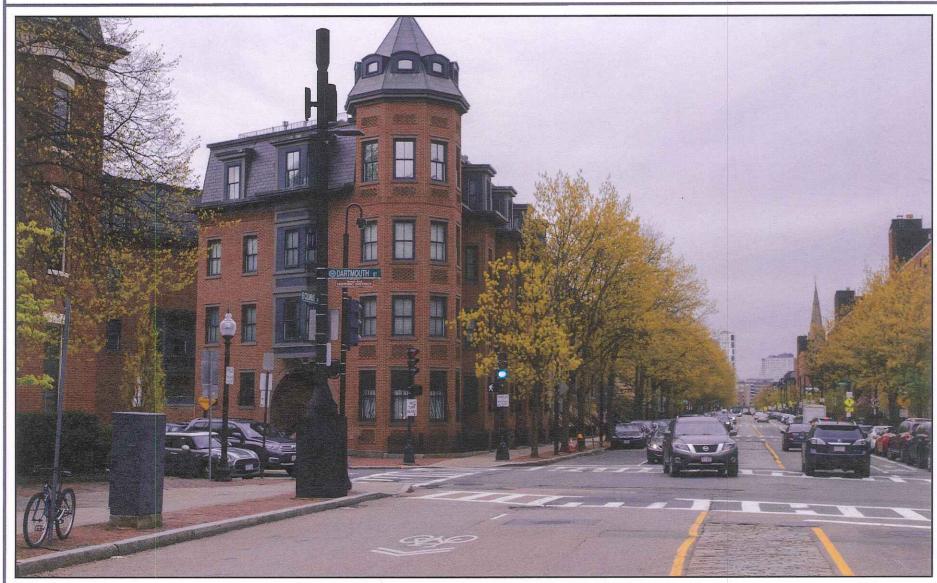
PHOTOGRAPHIC RENDERINGS

BASED ON PROTERRA DESIGN LLC DOCUMENT: BOS_BBCOP_055_MA_LE_REV0 DATED:05/01/2019





4 Bay Road, Bldg. A Ph: (413)320-4918 Suite 200 Hadley, MA 01035 BOS_BBCOP_055_MA - LOCATION ID: 515465
POLE LOCATION: 150 CHANDLER STREET, POLE ON COLUMBUS AVENUE

SOUTH END NEIGHBORHOOD, BOSTON, MA 02116
CAMERA LOCATION: 85'± FROM TARGET WITH 50mm LENS

THIS DOCUMENT IS FOR VISUAL REFERENCE ONLY.
VISIBILITY MAY VARY DEPENDING ON CONDTIONS, SEASONS, AND VIEWER LOCATION.







4 Bay Road, Bldg. A Suite 200 Hadley, MA 01035 Ph: (413)320-4918

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POLE LOCATION: 150 CHANDLER STREET, POLE ON COLUMBUS AVENUE SOUTH END NEIGHBORHOOD, BOSTON, MA 02116 CAMERA LOCATION: 85'± FROM TARGET WITH 50mm LENS

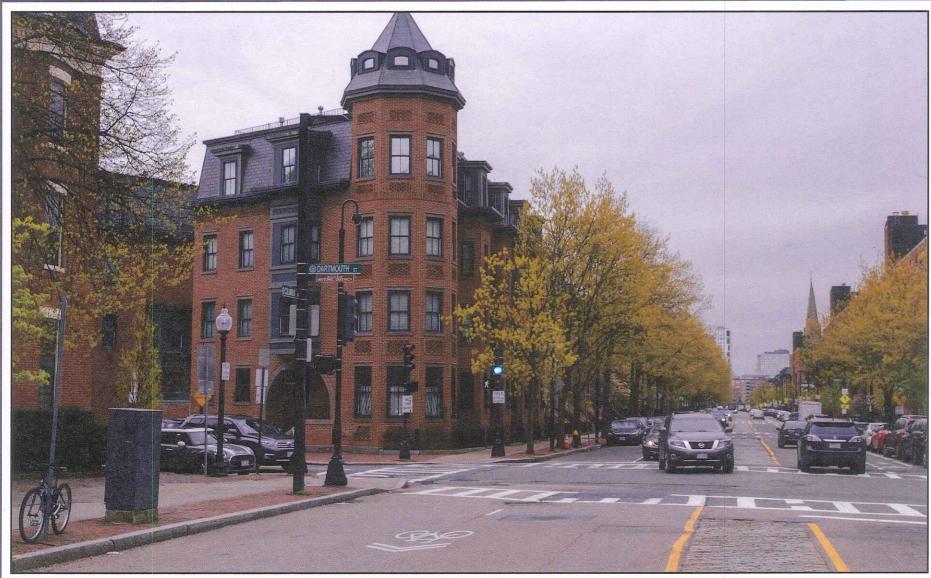
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IMAGE SOURCE: GOOGLE EARTH 2018



EXISTING CONDITIONS

BASED ON PROTERRA DESIGN LLC DOCUMENT: BOS_BBCOP_055_MA_LE_REV0 DATED:05/01/2019





4 Bay Road, Bldg. A Ph:(413)320-4918 Suite 200 Hadley, MA 01035 BOS_BBCOP_055_MA - LOCATION ID: 515465
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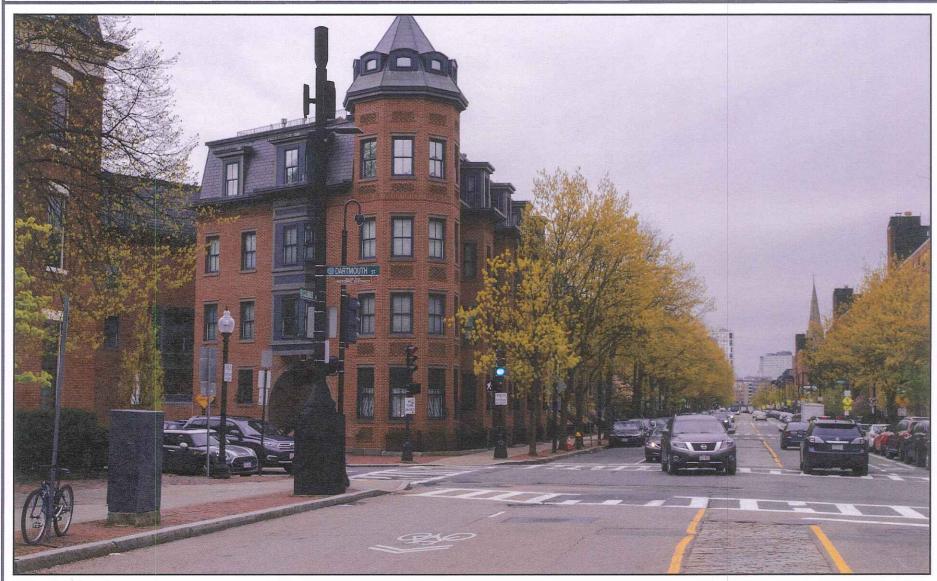
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PROPOSED CONDITIONS

BASED ON PROTERRA DESIGN LLC DOCUMENT: BOS_BBCOP_055_MA_LE_REVO DATED:05/01/2019





4 Bay Road, Bldg. A Ph: (413)320-4918 Suite 200 Hadley, MA 01035

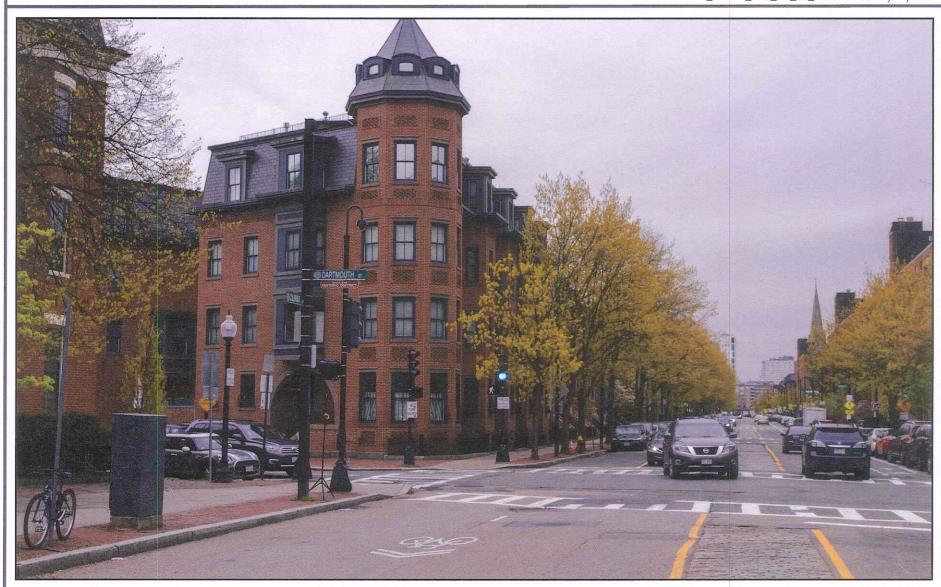
BOS_BBCOP_055_MA - LOCATION ID: 515465 POLE LOCATION: 150 CHANDLER STREET, POLE ON COLUMBUS AVENUE

POLE LOCATION: 150 CHANDLER STREET, POLE ON COLUMBUS AVENUE SOUTH END NEIGHBORHOOD, BOSTON, MA 02116

CAMERA LOCATION: 85'± FROM TARGET WITH 50mm LENS

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4 Bay Road, Bldg. A Ph: (413)320—4918 Suite 200 Hadley, MA 01035 BOS_BBCOP_055_MA - LOCATION ID: 515465
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SOUTH END NEIGHBORHOOD, BOSTON, MA 02116

CAMERA LOCATION: 85'± FROM TARGET WITH 50mm LENS

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VISIBILITY MAY VARY DEPENDING ON CONDITIONS, SEASONS, AND VIEWER LOCATION.



GENERAL NOTES

CODE SPECIFICATIONS

- ALL GENERAL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE CODES AND LOCAL ORDINANCES, RULES, AND SPECIFICATIONS FOR INSTALLING LUMINAIRES SUPPORTING COMMUNICATIONS EQUIPMENT WITHIN THE PUBLIC—RIGHT—OF—WAY.
- ALL ELECTRICAL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LOCAL UTILITY COMPANY SPECIFICATIONS, NESC & NEC 2017 (NFPA7D) WITH MA AMENDMENTS (527 CMR 12,00).

- GROUNDING SHALL COMPLY WITH THE LOCAL UTILITY COMPANY CODES AND REQUIREMENTS, NEC ART, 250, AND NESC OR WOST RECENT AS ADOPTED.
- ALL GROUND CONNECTIONS TO BE BURNDY HYGROUND COMPRESSION TYPE CONNECTORS OR CADWELD EXOTHERNIC WELD.
- ROUTE GROUNDING CONNECTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWIS: NDICATED, GROUNDING LEADS SHOULD NOT BE BENT AT RIGHT ANGLES, ALWAYS MAKE 12" RADIUS BENDS, #6 WIRE CAN BE BENT AT 6" RADIUS WHEN NECKSSARY.
- CONNECTIONS TO GROUNDING BAR SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS, APPLY DXIDE INHIBITING COMPOUND TO
- 6. CONDUIT SHALL BE PVC. HEAVY WALL SUNLIGHT RESISTANT (6-7 PERCENT TITANIUM DIOXIDE BY WEIGHT), SCHEDULE 40 OR SCHEDULE 80 UNDER PAVEMENT AS PER ANSI/VEMA TC 2-2003 UNLESS OTHERWISE NOTED OR AS DIRECTED BY UTILITY PUREYOR.
- DISCONNECT AND OVERCURRENT PROTECTION DESIGNED AND SIZED IN COMPLIANCE WITH NEC REQUIREMENTS FOR OUTDOOR INSTALLATIONS,
- ALL MOUNTING BRACKETS AND HARDWARE SHALL BE SUFFICIENTLY PROTECTED FROM CORROSION BY CALVANIZING, PROTECTIVE COATING OR OTHERWISS. THESE SHALL BE SECURED TO THE POLE WITH HARDWARE OF ADEQUATE STRENGTH FOR THE LOAD.
- RADIO FREQUENCY (RF) RADIATION WARNING SIGNAGE AS REQUIRED BY OSHA SHALL BE PRESENT AND VISIBLE TO PERSONS WORKING NEAR ANTENNA. REQUESTER WUST SUBMIT DOCUMENTS THAT STATE THE RF OUTPUT OF THE ANTENNA FOR EACH LOCATION.

SITE NOTES

- NORTH SHOWN IS APPROXIMATE, NOT ALL EXISTING OR PROPOSED IMPROVEMENTS ARE SHOWN FOR CLARITY.
- 2. THIS DOCUMENT IS FOR ILLUSTRATION & LEASING PURPOSES ONLY.
- POWER AND TELCO UNDERGROUND UTILITY SOURCES AND FINAL ROUTING SHALL BE DETERMINED BY OTHERS, IT IS THE RESPONSIBILITY OF THE UTILITY PURVEYOR AND VERIZON WRELESS TO OBTAIN ALL APPROVALS AND EASEMENTS AS RECUIRED,
- 4. SITE PLAN AND RELATIVE LIGHT POLE ELEVATIONS BASED ON SITE VISIT BY PROTERRA DESIGN GROUP, LLC, GROUND LEVEL AWSL ELEVATIONS AND APPROXIMATE PROPOSED LIGHT POLE CORRONATES SHOWN HEREN ARE BASED ON LOCATIONS DERIVED FROM AERIKL IMAGERY IN PUBLICITY AVAILABLE GEOGRAPHIC INFORMATION SYSTEMS (GIS).
- 5. FINAL COORDINATES AND ELEVATIONS OF LIGHT POLE MAY VARY AS SHOWN HEREON DEPENDING ON FIELD PLACEMENT.
- 6. AERIAL IMAGERY BASED ON GOOGLE.
- THIS PLAN EXHIBIT IS SCHEMATIC IN NATURE AND IS INTENDED TO PROWDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WRIELESS COMMUNICATION FACILITY. LOCATION, SIZE AND TYPE SHALL BE CONFIRMED BY THE CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE LICENSED TECHNICIANS FAMILIAR WITH SUCH INSTALLATIONS AND THE REQUIRED CODES.

STRUCTURAL NOTES

- LIGHT POLES ARE SHOWN SCHEMATICALLY AND IT IS THE RESPONSIBILITY OF VERIZON WIRELESS TO DETERMINE THE STRUCTURAL ADEQUACY OF THE PROPOSED INSTALLATION.
- CONTRACTOR SHALL CONFIRM ANTENNA AND EQUIPMENT ATTACHMENT METHOD CONFORMS WITH ALL MANUFACTURER SPECIFICATIONS AND VERIZON WIRELESS PRIOR TO CONSTRUCTION.

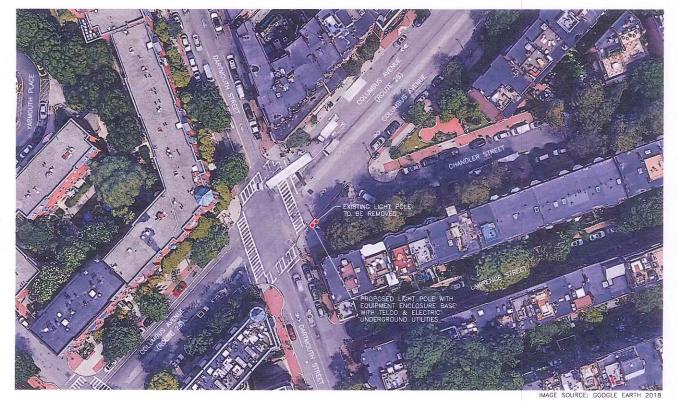
APPROVED, STREET LIGHTING DIVISION

BOS_BBCOP_055_MA VERIZON LOCATION ID:

515465

POLE LOCATION:

150 CHANDLER STREET, POLE ON COLUMBUS AVENUE SOUTH END NEIGHBORHOOD **BOSTON, MA 02116**



AERIAL MAP

APPROXIMATE PROPOSED LATITUDE: N 42.345853*± N 42' 20' 45.07"±
POLE COORDINATES: LONGITUDE: W 71.075087*± W 71' 04' 30.31"±

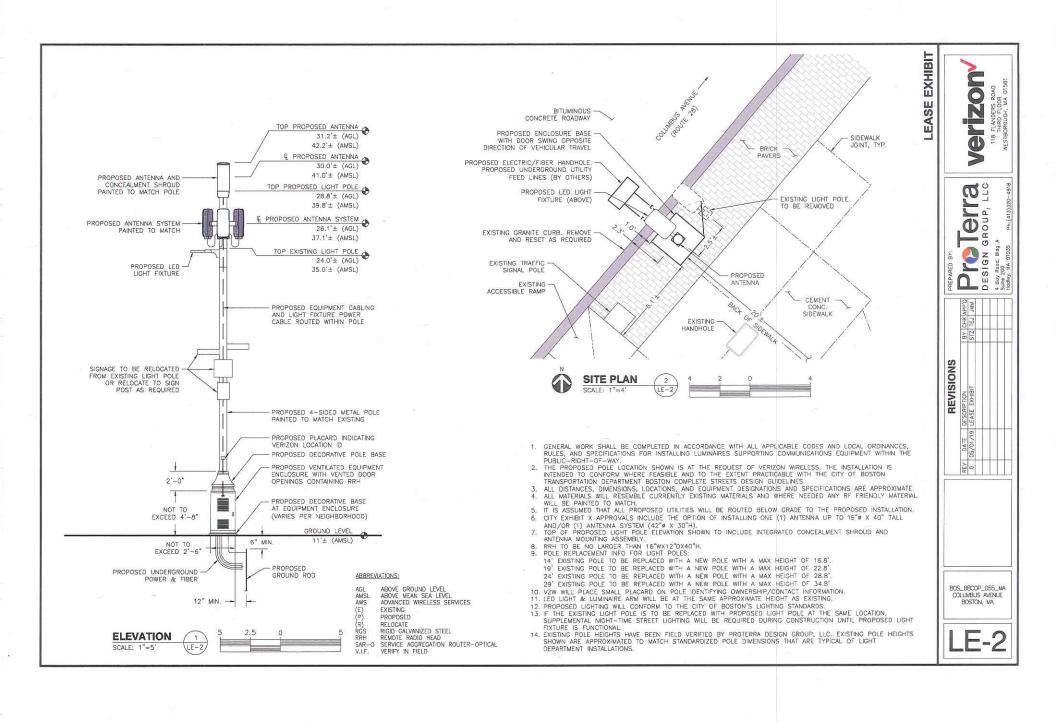
(SEE SITE NOTES NO. 5)

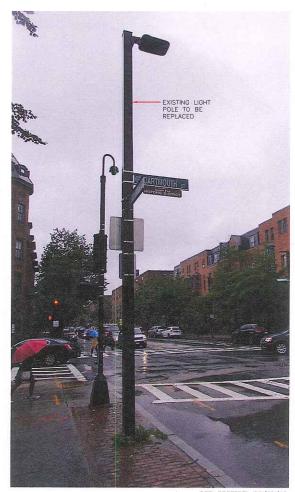
EXHIBIT EASE

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COLUMBUS AVENUE

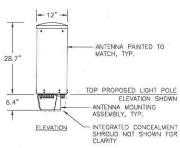




REF: PROTERRA 09/28/18

PHOTO DETAIL SCALE: N.T.S.



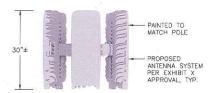


ANTENNA SPECIFICATIONS

MODEL: COMMSCOPE NNVVSSP-360S-FM ANTENNA DIMENSIONS: 12"ø x 28.7"H WEIGHT: 26.7 LBS. ±

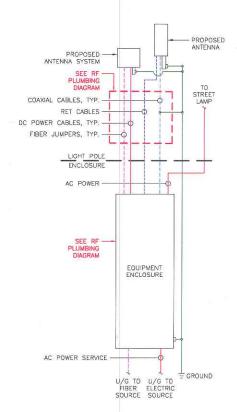
ANTENNA DETAIL SCALE: N.T.S.





ANTENNA SYSTEM DETAIL SCALE: N.T.S.





NOTES:

1. IT IS THE RESPONSIBILITY OF VERIZON WIRELESS AND THE POLE MANUFACTURER TO DETERMINE THE PROPOSED EQUIPMENT AND CABLING, QUANTITIES, CONSTRAINTS, AND FITMENT WITHIN THE

CABLING, QUANTITIES, CONSTRAINTS, AND FITMENT WITHIN THE PROPOSED POLE.

2. CONTRACTOR TO FIELD TEST AND THE INTO EXISTING GROUNDING SYSTEM, IF GROUNDING SYSTEM DOES NOT MEET VERIZON WIRELESS STANDARDS OR IS NOT FOUND, CONTRACTOR SHALL NOTIFY POLE OWNER AND INSTALL GROUNDING SYSTEM PER UTILITY PROVIDER AND VERIZON WIRELESS REQUIREMENTS AND SOCIETIES ATOMICS.

UTILITY PROVIDER AND VERIZON WIRELESS REQUIREMENTS AND SPCIFICATIONS.

3. CONTRACTOR TO VERIFY FINAL ANTENNA DESIGN WITH VERIZON WIRELESS RF ENGINEER PRIOR TO CONSTRUCTION.

4. CONTRACTOR SHALL HAVE WRITTEN WORK AUTHORIZATION FROM POLE OWNER PRIOR TO COMMENCEMENT OF WORK.

5. THE WIRING DIAGRAM SHOWN HEREIN IS SCHEMATIC. THE INSTALLATION SHALL BE VERIFIED AND INSPECTED BY A LICENSED ELECTRICIAN IN ACCORDANCE WITH APPLICABLE CODES.

GENERAL WIRING DIAGRAM

SCALE: N.T.S.



Verizon

LEASE EXHIBIT

GROUP, LLO DESIGN



FOR SCHEMATIC CNLY

BOS_BBOOP_055_MA COLUMBUS AVENUE BOSTON, MA