PHOTOGRAPHIC RENDERINGS

BASED ON PROTERRA DESIGN LLC DOCUMENT: BOS_BBCOP_009_MA_LE_REV0 DATED:01/17/2019





4 Bay Road, Bldg. A Ph: (413)320-4918 Suite 200 Hadley, MA 01035 BOS_BBCOP_009_MA - LOCATION ID: 515467
POLE LOCATION: CARLETON STREET, BACK BAY NEIGHBORHOOD
BOSTON, MA 02116

CAMERA LOCATION: 55'± FROM TARGET WITH 50mm LENS

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



PHOTO LOCATION MAP

BASED ON PROTERRA DESIGN LLC DOCUMENT: BOS_BBCOP_009_MA_LE_REVO DATED:01/17/2019





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IMAGE SOURCE: GOOGLE EARTH 2018



EXISTING CONDITIONS

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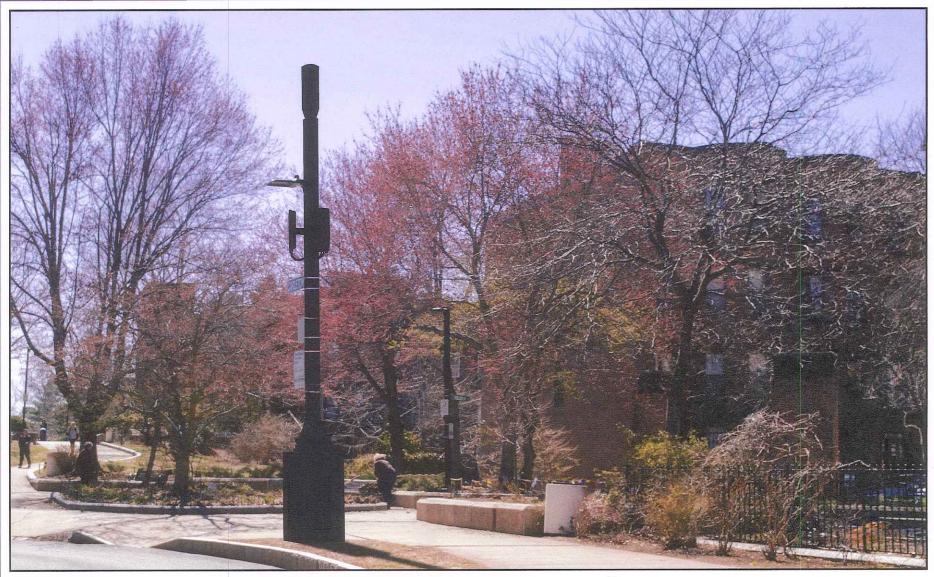
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PROPOSED CONDITIONS

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GENERAL NOTES

CODE SPECIFICATIONS

- ALL GENERAL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE CODES AND LOCAL ORDINANCES, RULES, AND SPECIFICATIONS FOR INSTALLING LUMINARIES 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 (NFPA70) WITH MA AMENDMENTS (527 CWR 12.00).

PROJECT NOTES

- CROUNDING SHALL COMPLY WITH THE LOCAL LITLITY COMPANY CODES AND REQUIREMENTS, NEC ART, 250, AND NESC OR MOST RECENT AS ADOPTED.
- ALL DROUND CONNECTIONS TO BE BURNDY HYGROUND COMPRESSION TYPE CONNECTORS OR CADWELD EXOTHERMIC WELD.
- ROUTE GROUNDING CONNECTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NOT BE BENT AT RIGHT ANGELS. ALWAYS MAKE 12" RADIUS BENDS. #6 WIRE CAN BE BENT AT 6" RADIUS WHEN NECESSARY.
- CONNECTIONS TO GROUNDING BAR SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS, APPLY OXIDE INHIBITING COMPOUND TO ALL LOCATIONS.
- TEST COMPLETED GROUNDING SYSTEM AND RECORD RESISTANCE VALUES FOR PROJECT CLOSE—OUT DOCUMENTATION, GROUND RESISTANCE SHALL BE WITHIN VERIZON SPECIFICATIONS.
- CONDUIT SHALL BE PVC, HEAVY WALL SUNLIGHT RESISTANT (6-7 PERCENT TITANIUM DIOXDE BY WEIGHT), SCHEDULE 40 DR SCHEDULE BO UNDER PAVEMENT AS PER ANS/MEMA 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 GALVANIZMG, PROTECTIVE COATING OR OTHERWISE. THESS SHALL BS 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 MUST SUBMIT DOCUMENTS THAT STATE THE RF QUIPPUT 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 PURPEYOR AND VERZON WIRELESS TO OBTAIN ALL APPROVALS AND EASEMENTS AS REQUIRED.
- 4. SITE PLAN AND RELATIVE LIGHT POLE ELEVATIONS BASED ON SITE VISIT BY PROTERRA DESIGN GROUP. LLC. GROUND LEVEL AMS. ELEVATIONS AND APPROXIMATE PROPOSED LIGHT POLE COSORDHAITS SHOWN HEREIN ARE BASED ON LOCATIONS DERVICE TWO ARRAL IMAGERY IN PUBLICLY AVAILABLE GEOGRAPHIC INFORMATION SYSTEMS (GIS).
- FINAL COORDINATES AND ELEVATIONS OF LIGHT POLE MAY VARY AS SHOWN HEREON DEPENDING ON FIELD PLACEMENT.
- 5. AERIAL IMAGERY BASED ON GOOGLE.
- THIS PLAN EXHIBIT IS SCHEMATIC IN NATURE AND IS INTENDED TO PROVIDE GENERAL INFORMATION REGARDING THE LOCATION AND SIZE OF THE PROPOSED WRELESS COMMINICATION 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.

- LIGHT POLES ARE SHOWN SCHEMATICALLY AND IT IS THE RESPONSIBILITY OF VERIZON WRELESS TO DETERMINE THE STRUCTURAL ADEQUACY OF THE PROPOSED INSTALLATION.

BOS_BBCOP_009_MA

VERIZON LOCATION ID:

515467

POLE LOCATION:

CARLETON STREET BACK BAY NEIGHBORHOOD BOSTON, MA 02116



IMAGE SOURCE: GOOGLE EARTH 2018





APPROXIMATE PROPOSED LATITUDE: N 42.344784" ± N 42" 20" 41.22" ± LONGITUDE: W 71.079198'± W 71' 04' 45.11"±

(SEE SITE NOTES NO. 5)

EASE EXHIBIT

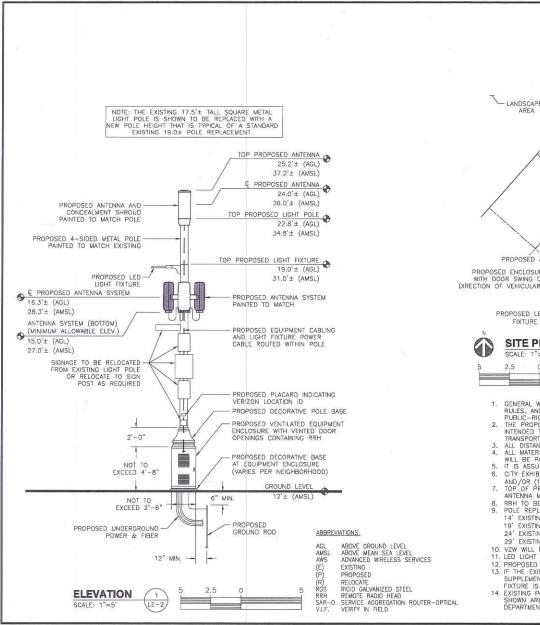
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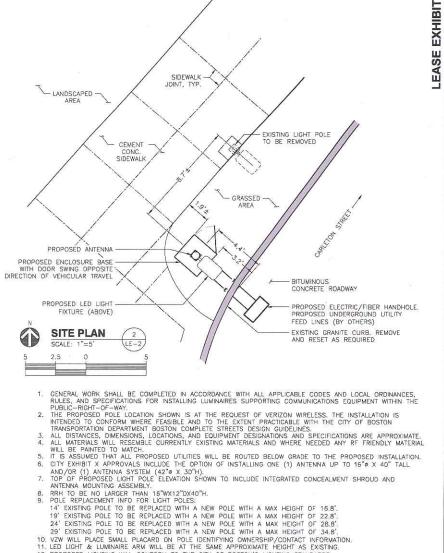




BOS_BBCOP_009_MA CARLETON STREET

APPROVED, STREET LIGHTING DIVISION





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

13. IF THE EXISTING LIGHT POLE IS TO BE REPLACED WITH PROPOSED LIGHT POLE AT THE SAME LOCATION, SUPPLEMENTAL NIGHT—TIME STREET LIGHTING WILL BE REQUIRED DURING CONSTRUCTION UNTIL PROPOSED LIGHT

14. EXISTING POLE HEIGHTS HAVE BEEN FIELD VERIFIED BY PROTERRA DESIGN GROUP, LLC. EXISTING POLE HEIGHTS SHOWN ARE APPROXIMATED TO MATCH STANDARDIZED POLE DIMENSIONS THAT ARE TYPICAL OF LIGHT DEPARTMENT INSTALLATIONS

Verizon ERS ROAD TLOOR 1, MA 015E 118

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Ph: (413)320

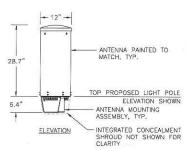
REVISIONS

BOS_BBCOP_009_MA CARLETON STREET BOSTON, MA

REF: PROTERRA 09/28/18

PHOTO DETAIL SCALE: N.T.S.



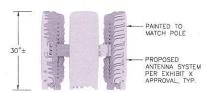


ANTENNA SPECIFICATIONS

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

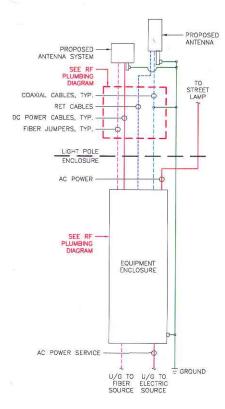
ANTENNA DETAIL SCALE: N.T.S.





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, GUARTHIES, CONSTRAINTS, AND FITMENT WITHIN THE PROPOSED POLE. CONTRACTOR TO FIELD TEST AND THE INTO EXISTING GROUNDING SYSTEM DOES NOT MEET VERIZON WIRELESS STANDARDS OR IS NOT FOUND, CONTRACTOR SHALL NOTIFY POLE OWNER AND INSTALL GROUNDING SYSTEM PER NUTIFY FOLE OWNER AND INSTALL BROUNDING STSTEM FER UTILITY PROVIDER AND VERIZON WIRELESS REQUIREMENTS AND SPECIFICATIONS. CONTRACTOR TO VERIFY FINAL ANTENNA DESIGN WITH VERIZON WIRELESS RE FROMERER PRIOR TO CONSTRUCTION.

POLE OWNER PRIOR TO COMMENCEMENT OF WORK,
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 118 FLANDERS ROAD THIRD FLOOR NESTBOROUGH, MA 01581

LEASE EXHIBIT

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GROUP, L DESIGN G

REVISIONS

FOR SCHEMATIC ONLY

BOS_BBCOP_CO9_MA CARLETON STREET BOSTON, MA