GENERAL NOTES

CODE SPECIFICATIONS

- ALL GENERAL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE CODES AND LOCAL ORDINANCES, RULES, AND SPECIFICATIONS FOR INSTALLING LUMBNIRES SUPPORTING COMMUNICATIONS EQUIPMENT WITHIN THE PUBLIC-RORIT-OF-WAY.
- ALL ELECTRICAL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LOCAL UTILITY COMPANY SPECIFICATIONS, NESC & NEC 2017 (NFPA70) WITH MA AMENDMENTS (S27 CMR 12,00).

PROJECT NOTES

- GROUNDING SHALL COMPLY WITH THE LOCAL UTILITY COMPANY CODES AND REQUIREMENTS, NEC ART. 25D, AND NESC OR MOST RECENT AS ADOPTED.
- ALL GROUND 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 BEST AT RIGHT ANGLES 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.
- 5. TEST COMPLETED GROUNDING SYSTEM AND RECORD RESISTANCE VALUES FOR PROJECT COSE—OUT DOCUMENTATION, GROUND RESISTANCE SHALL BE WITHIN VERIZON SPECIFICATIONS.
- CONDUIT SHALL BE PVC, HEAVY WALL SUNLIGHT RESISTANT (6-7 PERCENT TITANIUM DIOXIDE BY WEIGHT), SCHEDULE 40 OF SCHEDULE 80 UNDER PAYEMENT AS PER ANSIĄNEMA TO 2-2003 UNILESS OTHERWISE NOTED OR AS DIRECTED BY UTILITY PURVEYOR.
- 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 GALVANIZING, PROTECTIVE COATING OR OTHERWISE. THESE SHALL BE SECURED TO THE POLE WITH HARDWARE OF ADEQUATE STRENGTH FOR THE LOAD.
- RADID 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.

- 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 PUPPLYOR AND VERIZON WRELESS TO OBTAIN ALL APPROVALS AND EASEMENTS AS REQUIRED.
- 4. SITE PLAN AND RELATIVE LIGHT POLE ELEVATIONS BASED ON SITE VISIT BY PROTERRA DESIGN SROUP, LLC, GROUND LEVEL AMSL ELEVATIONS AND APPROXIMATE PROPOSED LIGHT POLE CORDINATES SHOWN HEREIN ARE BASED ON LOCATIONS DERIVED FROM AERIAL MAGERY IN PUBLICLY AVAILABLE GEOGRAPHIC INFORMATION SYSTEMS (GIS).
- FINAL COORDINATES AND ELEVATIONS OF LIGHT POLE WAY VARY AS SHOWN HEREON DEPENDING ON FIELD PLACEMENT.
- 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 CONFIRM.
- 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 WRELESS 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.

BOS_BBCOP_059_MA

VERIZON LOCATION ID:

515497

POLE LOCATION:

565 TREMONT STREET SOUTH END NEIGHBORHOOD **BOSTON, MA 02118**



MAGE SOURCE: GOOGLE FARTH 2018



POLE COORDINATES:

APPROXIMATE PROPOSED LATITUDE: N 42.343882°± N 42° 20° 37.97± LONGITUDE: W 71.071991'± W 71' 04' 19.17"±

(SEE SITE NOTES NO. 5)

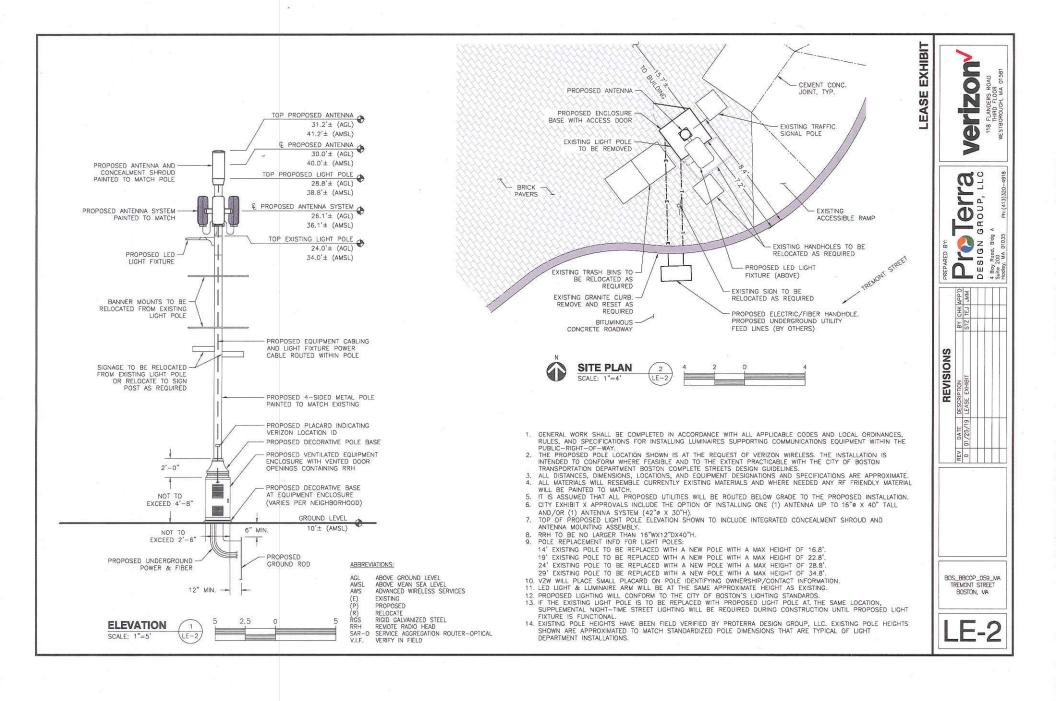
EXHIBIT

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REVISIONS

BOS_BBCCP_059_MA TREMONT_STREET

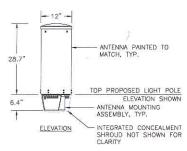
APPROVED, STREET LIGHTING DIVISION



REF: PROTERRA 09/28/18

PHOTO DETAIL SCALE: N.T.S.



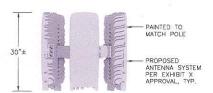


ANTENNA SPECIFICATIONS

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

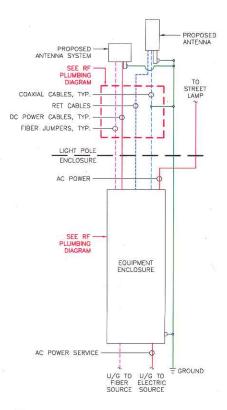
ANTENNA DETAIL SCALE: N.T.S.





ANTENNA SYSTEM DETAIL SCALE: N.T.S.





NOTES:

1. IT IS THE RESPONSIBILITY OF VERIZON WRELESS 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 TIE INTO EXISTING GROUNDING SYSTEM. IS 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 SPECIFICATIONS.

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

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

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.



LEASE EXHIBIT

Verizon

BEROUP, LLC D SESION Q W

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FOR SCHEMATIC ONLY

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4 Bay Road, Bldg. A Ph: (413)320-4918 Suite 200 Hadley, MA 01035 BOS_BBCOP_059_MA - LOCATION ID: 515497
POLE LOCATION: 565 TREMONT STREET, SOUTH END NEIGHBORHOOD
BOSTON, MA 02118

CAMERA LOCATION: 62'± FROM TARGET WITH 50mm LENS

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







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IMAGE SOURCE: GOOGLE EARTH 2018







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