verizon

CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS
118 FLANDERS ROAD, 3RD FLOOR
WESTBOROUGH, MA 01581

SITE NAME:

PORTLAND_8_ME

LOCATION CODE:

380405

SITE ADDRESS:

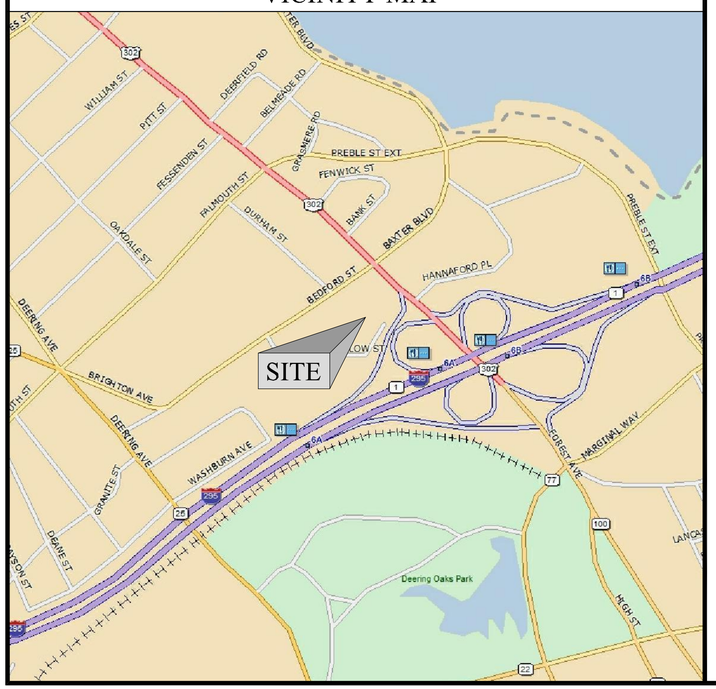
44 BEDFORD STREET
PORTLAND, ME 04101

811 Know what's below. Call before you dig.

SITE INFORMATION

SITE NAME:	PORTLAND_8_ME
LOCATION CODE:	380405
SITE ADDRESS:	44 BEDFORD STREET PORTLAND, ME 04101
COUNTY:	CUMBERLAND COUNTY
LATITUDE:	43° 39' 45.40" N (NAD83)
LONGITUDE:	70° 16' 20.83" W (NAD83)
GROUND LEVEL:	27' A.M.S.L. (NAVD83)
PROPERTY OWNER:	UNIVERSITY OF MAINE SYSTEM 96 FALMOUTH STREET PORTLAND, ME 04103
CBL:	114–A–1
STRUCTURE TYPE:	ROOFTOP WITH ROOF MOUNTED EQUIPMENT
STRUCTURE HEIGHT:	100'–0"± A.G.L.
RAD CENTER:	91'–8"± A.G.L.

VICINITY MAP



GENERAL NOTES AND APPLICABLE CODES

1. THIS IS AN UNMANNED TELECOMMUNICATION FACILITY AND NOT FOR HUMAN HABITATION.

   1.1. HANDICAPPED ACCESS IS NOT REQUIRED.
   1.2. POTABLE WATER OR SANITARY SERVICE IS NOT REQUIRED.
   1.3. NO OUTDOOR STORAGE OR ANY SOLID WASTE RECEPTACLES REQUIRED.

2. CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. FAILURE TO NOTIFY THE ARCHITECT/ENGINEER PLACES THE RESPONSIBILITY ON THE CONTRACTOR TO CORRECT THE DISCREPANCIES AT THE CONTRACTOR'S EXPENSE.

3. DEVELOPMENT AND USE OF THE SITE WILL CONFORM TO ALL APPLICABLE CODES, ORDINANCES AND SPECIFICATIONS.

   3.1 MUBC (MAINE UNIFORM BUILDING CODE) CONSISTS OF:
   2009 INTERNATIONAL RESIDENTIAL CODE (IRC)
   2009 INTERNATIONAL BUILDING CODE (IBC)
   2009 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
   62.1 – 2007 (VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY)
   62.2 – 2007 (VENTILATION AND ACCEPTABLE INDOOR AIR QUALITY IN LOW–RISE RESIDENTIAL BUILDINGS)
   E–1465–2006, STANDARD PRACTICE FOR RADON CONTROL OPTIONS FOR THE DESIGN AND CONSTRUCTION OF NEW LOW–RISE RESIDENTIAL BUILDINGS

   3.2 ELECTRICAL CODE: NATIONAL ELECTRIC CODE 2014

   SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS.

   3.4 AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
   3.5 AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION.
   3.6 TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)
      3.6.1 TIA 222–G, STRUCTURAL STANDARDS FOR STEEL ANTENNA SUPPORTING STRUCTURES AND ANTENNAS WITH ADDENDUM.
      3.6.2 TIA 607, GENERIC TELECOMMUNICATIONS BONDING AND GROUNDING (EARTHING) FOR CUSTOMER PREMISES.
   3.7 INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)
      3.7.1 IEEE 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUNDING SYSTEM.
      3.7.2 IEEE 1100 (2005) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT.
      3.7.3 IEEE C62.41.1, RECOMMENDED PRACTICES ON CHARACTERIZATION OF SURGES IN LOW VOLTAGE (1000V OR LESS) AC POWER CIRCUITS.
   3.8 TELCORDIA, GR–1275, GENERAL INSTALLATION REQUIREMENTS.
   3.9 TELCORDIA, GR–1503, COAXIAL CONNECTORS.
   3.10 ANSI T1.311, TELECOMMUNICATIONS – DC POWER SYSTEMS – TELECOMMUNICATIONS ENVIRONMENT PROTECTION.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

SHEET INDEX

SHEET NUMBER	SHEET DESCRIPTION
T–1	TITLE SHEET
GN–1	GENERAL NOTES
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A–2	ELEVATION
A–3	EQUIPMENT PLAN & CONSTRUCTION DETAILS
A–4	CONSTRUCTION DETAILS
S–1	ANTENNA PLAN
S–2	STRUCTURAL DETAILS
S–3	EQUIPMENT FRAMING PLAN, DETAILS & NOTES
S–4	STRUCTURAL NOTES
E–1	ELECTRICAL NOTES & POWER RISER DIAGRAM
E–2	GROUNDING DETAILS & NOTES

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

LEASING/SITE ACQUISITION: _____ DATE: _____

LANDLORD: _____ DATE: _____

VERIZON WIRELESS CM: _____ DATE: _____

VERIZON WIRELESS RF: _____ DATE: _____

PREPARED BY:

NEXIUS
TRANSFORM YOUR BUSINESS...THROUGH WIRELESS

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WESTFORD, MA 01886
1 (972) 755-1882

CLIENT:

verizon

CELLCO PARTNERSHIP d/b/a
VERIZON WIRELESS
118 FLANDERS ROAD, 3RD FLOOR
WESTBOROUGH, MA 01581

STATE OF MAINE
RONALD J. JACKSON
3773
LICENSED
PROFESSIONAL ENGINEER

Ronald J. Jackson

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DRAWING SCALES ARE INTENDED FOR 24"x36" SIZE PRINTED MEDIA ONLY. ALL OTHER PRINTED SIZES ARE DEEMED "NOT TO SCALE".

SUBMITTALS

REV	DATE	DESCRIPTION	BY
0	03/01/17	FOR REVIEW	JM
1	03/13/17	REVISED PER COMMENTS	JM
2	04/07/17	REVISED FOR CONSTRUCTION	JM

SITE INFO:

SITE NAME:
PORTLAND_8_ME

LOCATION CODE:
380405

SITE ADDRESS:
44 BEDFORD STREET
PORTLAND, ME 04101
CUMBERLAND COUNTY

SHEET TITLE:
TITLE SHEET

NEXIUS PROJ. NO: VZ11509

CHECKED BY: KB

CHECKED BY DATE: 03/01/17

SHEET NUMBER: T-1

Reviewed for Code Compliance
Inspectional Services
Department of Building Services
Date: 08/16/17