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DEM PERMIT REVIEW PACKAGE - FIBER SERVICE CONDUIT INSTALLATIONS

ISSUED FOR: PERMITTING ONLY

DATE ISSUED: May 25, 2021

DATE LAST REVISED: September 20, 2021

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5	DIG #1646 At 587 Beach Avenue
5	DIG #1662 At 994 Beacon Hill Road
5	DIG #1663 At 1463 Center Road
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6	DIG #847 At 900 Cooneymus Road
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8	DIG #1948 At 1260 Old Mill Lane
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8	DIG #841 At 1310 Old Mill Lane
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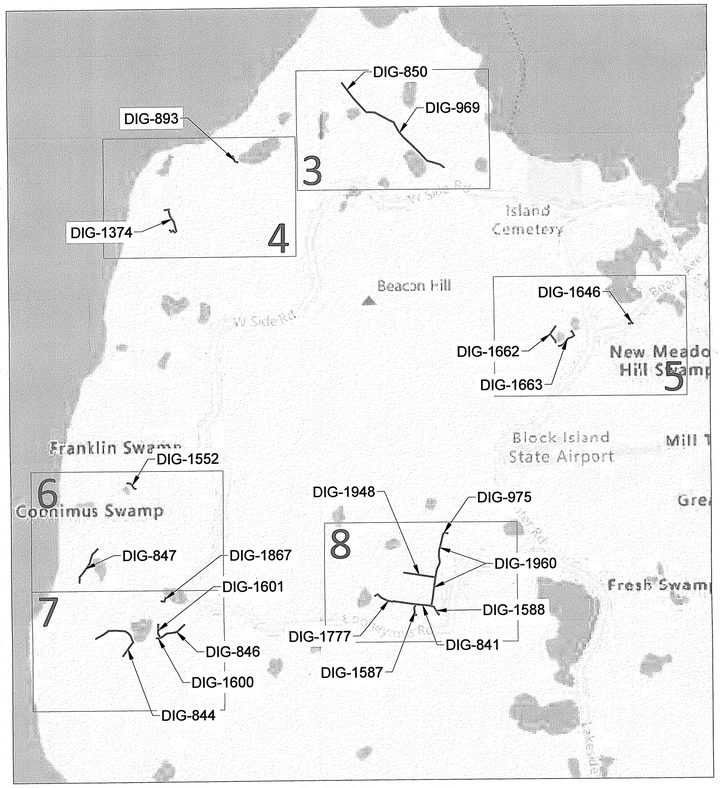
Town of New Shoreham

Conduit Installations - West Area

Block Island, RI

Revision 2



LOCUS MAP

PAUL G. JONES
No. 3701
REGISTERED
PROFESSIONAL ENGINEER

9/28/2021

PROFESSIONAL ENGINEER

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 29 2021 FILE # 21-0164
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

Environmental Management
OCT 05 2021
Office of Water Resources

Prepared by:

PIKE TELECOM
21 Oxford Rd
Mansfield, MA 02048
www.piketelecom.com
1-508-337-7600

Prepared for:

sertex BROADBAND SOLUTIONS

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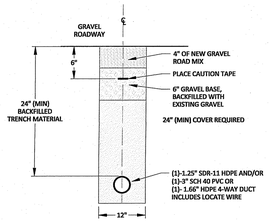
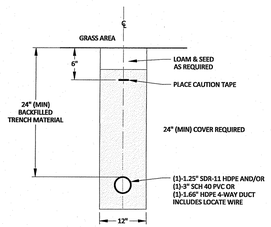
D1



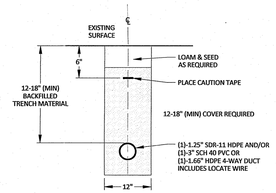
D-1
PROPOSED DUCT CONFIGURATION
1.25" DURALINE SMOOTHWALL OR 3" SCH
40 PVC OR DURALINE FUTUREPATH 4-WAY
GRAVEL ROAD (TOWN/DOT JDN)
CROSSING DUCT INSTALLATION DETAIL
N.T.S.

D2



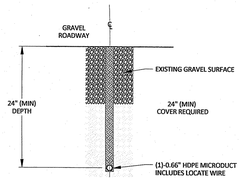
D-2
PROPOSED DUCT CONFIGURATION
1.25" DURALINE SMOOTHWALL OR 3" SCH
40 PVC OR DURALINE FUTUREPATH 4-WAY
GRASSY AREA (TOWN/DOT JDN)
DUCT INSTALLATION DETAIL
N.T.S.

D3



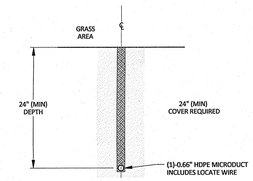
D-3
PROPOSED DUCT CONFIGURATION
1.25" DURALINE SMOOTHWALL OR 3" SCH
40 PVC OR DURALINE FUTUREPATH 4-WAY
PRIVATE PROPERTY
DUCT INSTALLATION DETAIL
N.T.S.

D4



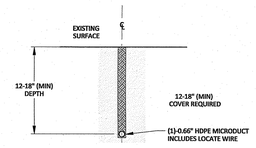
D-4
VIBRATORY PLOW INSTALLATION
PROPOSED DUCT CONFIGURATION
DURALINE SINGLE CELL MICRODUCT
GRAVEL ROAD (TOWN/DOT JDN)
INSTALLATION DETAIL
N.T.S.

D5



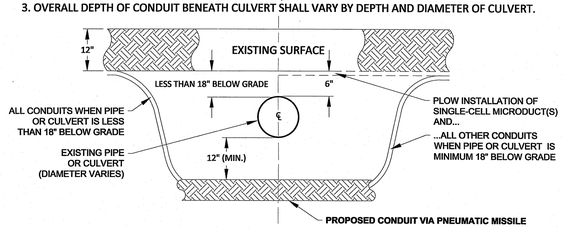
D-5
VIBRATORY PLOW INSTALLATION
PROPOSED DUCT CONFIGURATION
DURALINE SINGLE CELL MICRODUCT
GRASSY AREA (TOWN/DOT JDN)
INSTALLATION DETAIL
N.T.S.

D6



D-6
VIBRATORY PLOW INSTALLATION
PROPOSED DUCT CONFIGURATION
DURALINE SINGLE CELL MICRODUCT
PRIVATE PROPERTY SERVICE DUCT
INSTALLATION DETAIL
N.T.S.

GENERAL NOTES:
1. WHERE CULVERT IS MINIMUM 18" BELOW GRADE, PLOW INSTALLATION OF SINGLE-CELL MICRODUCT(S) AT MAXIMUM 12" DEPTH. ALL OTHER CONDUIT TYPES TO PASS BENEATH CULVERT.
2. WHERE CULVERT IS LESS THAN 18" BELOW GRADE, ALL CONDUITS TO PASS BENEATH CULVERT.
3. OVERALL DEPTH OF CONDUIT BENEATH CULVERT SHALL VARY BY DEPTH AND DIAMETER OF CULVERT.



CONDUIT INSTALLATION BENEATH
PIPE OR CULVERT VIA PNEUMATIC MISSILE
N.T.S.

DEPARTMENT OF ENVIRONMENTAL MANAGEMEN
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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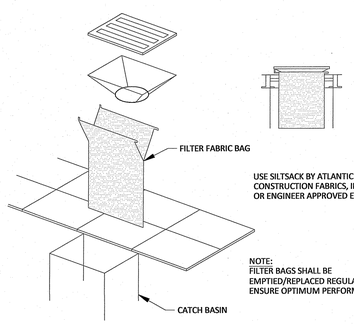
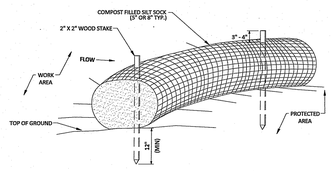
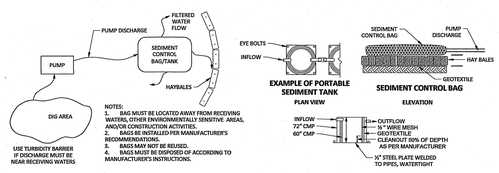


CATCH BASIN SEDIMENT PROTECTION
NOT TO SCALE



NOTES:
1. SILT SOCK SHALL BE FILTREXX™, SILTSOXX™ OR APPROVED EQUIVALENT.
2. SEE SPECIFICATIONS FOR SOCK SIZE AND COMPOST FILL REQUIREMENTS.
3. SILT SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED AS NEEDED.

SOIL EROSION AND SEDIMENT
CONTROL MEASURES
N.T.S.



SEDIMENT CONTROL TANK OR BAG
PLAN VIEW

SEDIMENT CONTROL BAG
ELEVATION

SOIL EROSION AND SEDIMENT
CONTROL MEASURES
N.T.S.

GENERAL NOTES:

1. THE LOCATIONS OF ANY EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

2. ALL LINES SHOWN FOR EXISTING PARCELS, BUILDINGS, AND RIGHTS-OF-WAY HAVE BEEN ESTABLISHED FROM GIS DATA PROVIDED BY TOWN OF NEW SHOREHAM AND THEIR EXACT LOCATIONS ARE NOT GUARANTEED. OWNERSHIP OF RIGHTS-OF-WAY IS NOT CLEAR. CONTRACTOR SHOULD CONSIDER ALL RIGHTS-OF-WAY AS REQUIRING PERMISSION EITHER FROM MUNICIPAL AUTHORITY OR PRIVATE PROPERTY OWNER PRIOR TO CONSTRUCTION.

3. CONTRACTOR TO SECURE ALL NECESSARY PROPERTY ACCESS PERMISSIONS PRIOR TO CONSTRUCTION. CONTRACTOR WILL NOT CROSS PARCELS OWNED BY THIRD PARTIES TO PROVIDE SERVICE WITHOUT PRIOR WRITTEN PERMISSION FROM PROPERTY OWNER.

4. WETLANDS LOCATION FLAGS AND WETLANDS EDGE LOCATIONS PROVIDED BY NATURAL RESOURCE SERVICES, INC.

5. DETERMINATION OF DEM JURISDICTION IN PROPOSED CONSTRUCTION AREAS PROVIDED BY NATURAL RESOURCE SERVICES, INC.

6. AERIAL IMAGERY DATED FALL 2020 AND PROVIDED BY UNIVERSITY OF RHODE ISLAND GIS MAP SERVICE.

7. THIS DOCUMENT IS INTENDED TO PROVIDE INFORMATION SUITABLE FOR RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (DEM) REVIEW. IT IS NOT A CONSTRUCTION DOCUMENT.

RI Environmental Management
OCT 05 2021
Office of Water Resources

EROSION AND SEDIMENTATION CONTROL GENERAL NOTES:

1. PRIOR TO STARTING SITE WORK, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND INSTALL ANY REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

2. ANY SEDIMENTATION AND EROSION CONTROL DEVICES IMPLEMENTED SHALL PROTECT ON-SITE WETLANDS, WATERCOURSES, AND OFF-SITE AREAS DURING AND AFTER CONSTRUCTION.

3. AREAS WHERE HIGH RUNOFF VELOCITIES OR SEDIMENT LOADS ARE EXPECTED SHALL BE CONTROLLED WITH TWO LINES OF SILT SOCKS INSTALLED IN A CLOSE ROW.

4. UPON COMPLETION OF WORK, SURFACE TREATMENT AS DIRECTED BY AUTHORITIES HAVING JURISDICTION SHALL BE APPLIED TO STABILIZE THE DISTURBED AREAS AS SOON AS POSSIBLE, BUT NOT MORE THAN 14 DAYS AFTER CONSTRUCTION AS CEASED TEMPORARILY OR PERMANENTLY.

5. ALL STORMWATER CONTROL MEASURES, DISTURBED AREAS, AREAS USED FOR THE STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION (INCLUDING UNSTABILIZE SOIL STOCKPILES), DISCHARGE LOCATIONS AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE MUST BE INSPECTED BY OR UNDER THE SUPERVISION OF THE CONSTRUCTION CONTRACTOR AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY STORM EVENT WHICH GENERATES AT LEAST 0.25 INCHES OF RAINFALL PER TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF. SUCH AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE WATERS OF THE STATE OR A SEPARATE STORM SEWER SYSTEM. BEST PRACTICES SHALL BE MAINTAINED TO PREVENT UNCONTROLLED RELEASES OF MEASURABLE AMOUNTS OF SEDIMENT, OR SEDIMENT LADEN WATER FROM TRAVELING BEYOND THE LIMITS OF DISTURBANCE.

6. SEDIMENT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6 INCHES DEEP OR AS NEEDED.

7. DAMAGED OR DETERIORATED EROSION/SEDIMENTATION CONTROL ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.

8. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SECURELY STABILIZED. ONCE THE SITE IS STABILIZED, THE EROSION CONTROLS SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

9. IN THE EVENT OF A FUEL SPILL OR EQUIPMENT MALFUNCTION RESULTING IN A RELEASE OF HAZARDOUS MATERIAL, ALL WORK WILL BE STOPPED IN THIS AREA UNTIL THE RELEASE/SPILL IS CLEANED UP.

10. EQUIPMENT USED FOR CONSTRUCTION WILL BE PROPERLY MAINTAINED AND OPERATED TO REDUCE THE CHANCES OF SPILL OCCURRENCES OF PETROLEUM PRODUCTS. REFUELING OF EQUIPMENT WILL BE REQUIRED TO CARRY SPILL CONTAINMENT AND PREVENTION DEVICES (I.E., ABSORBENT PADS, CLEAN UP RAGS, FIVE GALLON CONTAINERS, ABSORBENT MATERIAL, ETC.) AT ALL TIMES. IN ADDITION, MAINTENANCE EQUIPMENT AND REPLACEMENT PARTS FOR CONSTRUCTION EQUIPMENT WILL BE ON HAND TO REPAIR FAILURES AND STOP A SPILL IN THE EVENT OF EQUIPMENT MALFUNCTION.

11. ANY HAZARDOUS WASTE SPILLS SHALL BE CLEANED UP IMMEDIATELY, AND IF THE SPILL AMOUNT IS EQUAL TO OR EXCEEDS THE EPA REPORTABLE QUANTITY (RQ) FOR THAT SUBSTANCE IN ACCORDANCE WITH 40 CFR PARTS 1010, 117, OR 302, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR SUBMITTING IN WRITING A DESCRIPTION OF THE RELEASE TO THE EPA REGIONAL OFFICE AND RIDEM PROVIDING THE DATE AND CIRCUMSTANCES OF THE RELEASE AND THE STEPS TO BE TAKEN TO PREVENT ANOTHER RELEASE. DIRECTIONS FOR CLEANING UP SPILLS SHALL BE CLEARLY POSTED AT A DESIGNATED ON-SITE LOCATION, AND CONSTRUCTION PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND LOCATION OF CLEANUP SUPPLIES. PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE GEAR AND HAVE PROPER TRAINING TO PREVENT INJURY FROM CONTACT WITH ANY HAZARDOUS SUBSTANCES.

12. NO GRADE CHANGES OR VEGETATIVE CLEARING IS PROPOSED.

NOTES:

PREPARED FOR:
sertex BROADBAND SOLUTIONS

PREPARED BY:
PIKE TELECOM
21 Oxford Rd
Mansfield, MA 02048
www.piketelecom.com
1-508-337-7600

LOCATION:
NEW SHOREHAM
WASHINGTON COUNTY

DETAILS AND GENERAL NOTES

DRAFTER: SHB
SCALE: NA
DATE: 05/25/21
FOR PERMITTING ONLY
PAGE: 2

09/23/2021 N:\Engineering\Sertex\Block Island\Block Island FttH\AA-AUTOCAD\WETLAND MAPPING\DEM WEST AREA - BLOCK ISLAND - WETLAND MAPPING.dwg

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LEGEND:					
P.(T)NT	UTILITY POLE		EROSION CONTROL/LIMIT OF DISTURBANCE	RB	DEM WETLAND EDGE: 100' RIVERBANK WETLAND
△	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
##'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
##'	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM 21 Oxford Rd Westfield, MA 02048 www.piketelecom.com 1-508-337-7600

SCALE: 1" = 100 FEET
0 20 100 200 300

LOCATION: NEW SHOREHAM WASHINGTON COUNTY

DRAFTER: SHB
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INDEX: W1 PAGE: 3

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	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
# #	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
# #	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

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LOCATION: NEW SHOREHAM WASHINGTON COUNTY

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Sandy L. Freeman

RI Environmental Management
OCT 05 2021
Office of Water Resources

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△	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
##'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
##'	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

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# #	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
# #	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

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P.(E)1098 - P.(T)54
P.(E)1096 - P.(T)3
P.(E)1097 - P.(T)16
P.(E)1094 - P.(T)2
P.(E)1095 - P.(T)2
P.(E)1151 - P.(T)2
P.(E)1152 - P.(T)3
P.(E)1153 - P.(T)4
P.(E)INT - P.(T)5
P.(E)1129 - P.(T)3
P.(E)1093 - P.(T)51
P.(E)1092 - P.(T)50
P.(E)1 - P.(T)1
P.(E)1170 - P.(T)17
P.(E)1171 - P.(T)18
P.(E)1172 - P.(T)19
P.(E)1173 - P.(T)20
P.(E)1174 - P.(T)21
P.(E)1175 - P.(T)22
P.(E)1176 - P.(T)23
P.(E)1177 - P.(T)24
P.(E)1178 - P.(T)25
P.(E)1179 - P.(T)26
P.(E)1187 - P.(T)28
P.(E)INT - P.(T)2

COONEYMUS RD
DICKENS RD
SOUTHWEST RD
ROCKVILLE MAN AREA

SEE DETAIL D-4
DIG 1885: 1167 OF SINGLE-CELL MICRODUCT INSTALLED

SEE DETAIL D-5
DIG 946: 450' OF DURALINE PUFFS/REPATH 4-WAY DUCT INSTALLED

SEE DETAIL D-4
DIG 1885: 300' OF SINGLE-CELL MICRODUCT INSTALLED

SEE DETAIL D-3
DIG 946: 1,119' OF 1.25" DURALINE DUCT INSTALLED

SEE DETAIL D-4
DIG 1885: 110' OF SINGLE-CELL MICRODUCT INSTALLED

RI Environmental Management
OCT 05 2021
Office of Water Resources

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8'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
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PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM, 71 Oxford Rd, Mansfield, MA 02048, www.piketelecom.com, 1-508-337-7600

SCALE: 1"= 100 FEET (0 20 100 200 300)

LOCATION: NEW SHOREHAM, WASHINGTON COUNTY

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OLD MILL RD

COONEYMUS RD

P.(E)1014 - P.(T)12
P.(E)1013 - P.(T)11
P.(E)1012 - P.(T)10
P.(E)1011 - P.(T)9
P.(E)1010 - P.(T)8
P.(E)1009 - P.(T)7
P.(E)1008 - P.(T)6
P.(E)1007 - P.(T)5
P.(E)1006 - P.(T)4
P.(E)1005 - P.(T)3
P.(E)1004 - P.(T)2
P.(E)1003 - P.(T)1
P.(E)1016 - P.(T)14
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P.(E)1019 - P.(T)18
P.(E)1020 - P.(T)18.5
P.(E)1021 - P.(T)19
P.(E)1022 - P.(T)20
P.(E)1023 - P.(T)21.5
P.(E)997 - P.(T)8
P.(E)998 - P.(T)9
P.(E)999 - P.(T)10
P.(E)1000 - P.(T)11
P.(E)1001 - P.(T)NT
P.(E)1002 - P.(T)12
P.(E)1040 - P.(T)13
P.(E)1041 - P.(T)14
P.(E)1042 - P.(T)15
P.(E)1043 - P.(T)16
P.(E)1044 - P.(T)16.1
P.(E)1046 - P.(T)17
P.(E)1047 - P.(T)18
P.(E)1048 - P.(T)19
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P.(E)1050 - P.(T)21
P.(E)1051 - P.(T)21.5
P.(E)1052 - P.(T)22
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P.(E)1056 - P.(T)NT
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P.(E)1059 - P.(T)29
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P.(E)1061 - P.(T)31
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P.(E)1063 - P.(T)32
P.(E)1064 - P.(T)33
P.(E)1065 - P.(T)335
P.(E)1066 - P.(T)1
P.(E)1067 - P.(T)2
P.(E)1068 - P.(T)34
P.(E)1069 - P.(T)35
P.(E)1070 - P.(T)36
P.(E)3 - P.(T)NT

SEE DETAIL D-1, D-2
DIG-1983: 85' OF 1.25" DURALINE DUCT INSTALLED
SEE DETAIL D-3
DIG-1988: 1,278' OF 1.25" DURALINE DUCT INSTALLED
SEE DETAIL D-3
DIG-1988: 979' OF 1.25" DURALINE DUCT INSTALLED
NRS WETLANDS
SEE DETAIL D-3
DIG-1988: 1,278' OF 1.25" DURALINE DUCT INSTALLED
DIG-841: 277' OF 1.25" DURALINE DUCT INSTALLED
SEE DETAIL D-3
DIG-1777: 740' OF SINGLE-CELL MICRODUCT INSTALLED
SEE DETAIL D-4
SEE DETAIL D-4
DIG-1987: 210' OF SINGLE-CELL MICRODUCT INSTALLED
SEE DETAIL D-5
DIG-1988: 220' OF SINGLE-CELL MICRODUCT INSTALLED

RI Environmental Management
OCT 05 2021
Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 29 2021 FILE # 21-0104
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

LEGEND:					
P.(T)NT	UTILITY POLE		EROSION CONTROL/LIMIT OF DISTURBANCE	RIB	DEM WETLAND EDGE: 100' RIVERBANK WETLAND
△	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
##'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
##'	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM, 21 Oxford Rd, Mansfield, MA 02048, www.piketelecom.com, 1-508-337-7600

SCALE: 1" = 100 FEET (0 20 100 200 300)

LOCATION: NEW SHOREHAM, WASHINGTON COUNTY

DRAFTER: SHB
SCALE: 1"=100'
DATE: 05/20/21
FOR PERMITTING ONLY
INDEX: W6 PAGE: 8

M:\Engineering\Projects\Sertex\Broadband Build\PHASE 4\PERMITTING\WETLANDS\WETLAND MAPPING.dwg

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DEM PERMIT REVIEW PACKAGE - FIBER SERVICE CONDUIT INSTALLATIONS

ISSUED FOR: PERMITTING ONLY

DATE ISSUED: May 20, 2021

DATE LAST REVISED: September 20, 2021

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1	Cover and Locus Map
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3	Dig #1200 At 750 Corn Neck Road
3	Dig #1231 At 737 Corn Neck Road
4	Dig #1143 At 1767 W Beach Road
4	Dig #1144 At 1768 W Beach Road
4	Dig #1192 At 728a Corn Neck Road
4	Dig #1221 At 1058 Corn Neck Road
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4	Dig #1809 At 1768 W Beach Rd
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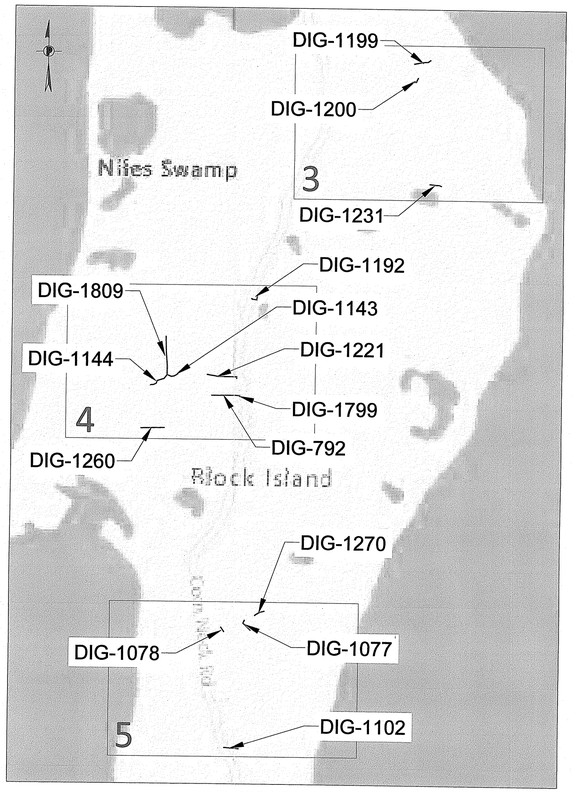
5	Dig #1077 At 1237 Corn Neck Road
5	Dig #1078 At 629 Corn Neck Road
5	Dig #1102 At 1031 Corn Neck Road
5	Dig #1270 At 631 Corn Neck

Town of New Shoreham

Conduit Installations - North Area

Block Island, RI

Revision 2



LOCUS MAP

PAUL G. JONES
No. 3701
REGISTERED
PROFESSIONAL ENGINEER

9/28/2021

PROFESSIONAL ENGINEER

DEPARTMENT OF ENVIRONMENTAL MANAGEMEN
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
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DATED OCT 29 2021 FILE # 21-0164
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

Prepared by:

PIKE TELECOM

21 Oxford Rd
Mansfield, MA 02048
www.piketelecom.com
1-508-337-7600

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

Prepared for:

sertex BROADBAND SOLUTIONS

Environmental Management
OCT 05 2021
Office of Water Resources

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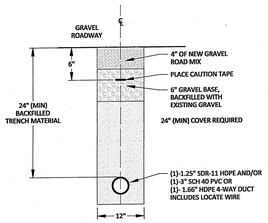
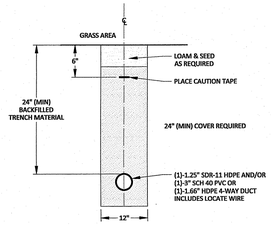
D1



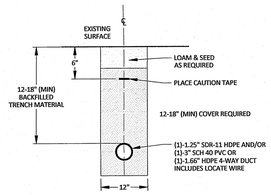
D-1
PROPOSED DUCT CONFIGURATION
1.25" DURALINE SMOOTHWALL OR 3" SCH
40 PVC OR DURALINE FUTUREPATH 4-WAY
GRAVEL ROAD (TOWN/DOT JDN)
CROSSING DUCT INSTALLATION DETAIL
N.T.S.

D2



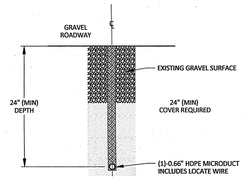
D-2
PROPOSED DUCT CONFIGURATION
1.25" DURALINE SMOOTHWALL OR 3" SCH
40 PVC OR DURALINE FUTUREPATH 4-WAY
GRASSY AREA (TOWN/DOT JDN)
DUCT INSTALLATION DETAIL
N.T.S.

D3



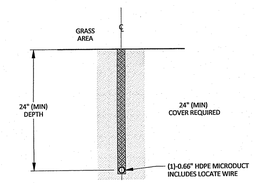
D-3
PROPOSED DUCT CONFIGURATION
1.25" DURALINE SMOOTHWALL OR 3" SCH
40 PVC OR DURALINE FUTUREPATH 4-WAY
PRIVATE PROPERTY
DUCT INSTALLATION DETAIL
N.T.S.

D4



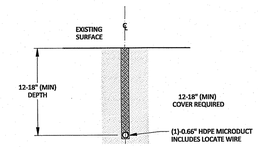
D-4
VIBRATORY PLOW INSTALLATION
PROPOSED DUCT CONFIGURATION
DURALINE SINGLE CELL MICRODUCT
GRAVEL ROAD (TOWN/DOT JDN)
INSTALLATION DETAIL
N.T.S.

D5



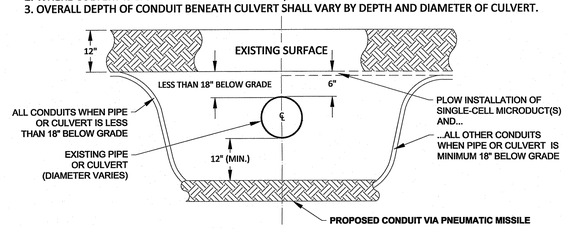
D-5
VIBRATORY PLOW INSTALLATION
PROPOSED DUCT CONFIGURATION
DURALINE SINGLE CELL MICRODUCT
GRASSY AREA (TOWN/DOT JDN)
INSTALLATION DETAIL
N.T.S.

D6



D-6
VIBRATORY PLOW INSTALLATION
PROPOSED DUCT CONFIGURATION
DURALINE SINGLE CELL MICRODUCT
PRIVATE PROPERTY SERVICE DUCT
INSTALLATION DETAIL
N.T.S.

GENERAL NOTES:
1. WHERE CULVERT IS MINIMUM 18" BELOW GRADE, PLOW INSTALLATION OF SINGLE-CELL MICRODUCT(S) AT MAXIMUM 12" DEPTH. ALL OTHER CONDUIT TYPES TO PASS BENEATH CULVERT.
2. WHERE CULVERT IS LESS THAN 18" BELOW GRADE, ALL CONDUITS TO PASS BENEATH CULVERT.
3. OVERALL DEPTH OF CONDUIT BENEATH CULVERT SHALL VARY BY DEPTH AND DIAMETER OF CULVERT.



CONDUIT INSTALLATION BENEATH
PIPE OR CULVERT VIA PNEUMATIC MISSILE
N.T.S.

DEPARTMENT OF ENVIRONMENTAL MANAGEMEN
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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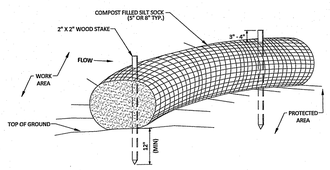
Nancy L. Freeman

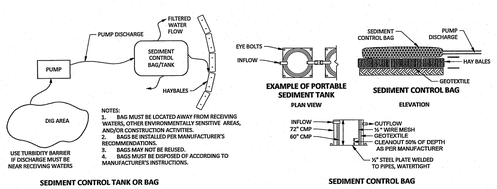
RI Environmental Management
OCT 05 2021
Office of Water Resources

CATCH BASIN SEDIMENT PROTECTION
NOT TO SCALE



NOTES:
1. SILT SOCK SHALL BE FILTREXX™, SILTSOXX™ OR APPROVED EQUIVALENT.
2. SEE SPECIFICATIONS FOR SOCK SIZE AND COMPOST FILL REQUIREMENTS.
3. SILT SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED AS NEEDED.

SOIL EROSION AND SEDIMENT CONTROL MEASURES
N.T.S.



SOIL EROSION AND SEDIMENT CONTROL MEASURES
N.T.S.

GENERAL NOTES:

1. THE LOCATIONS OF ANY EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

2. ALL LINES SHOWN FOR EXISTING PARCELS, BUILDINGS, AND RIGHTS-OF-WAY HAVE BEEN ESTABLISHED FROM GIS DATA PROVIDED BY TOWN OF NEW SHOREHAM AND THEIR EXACT LOCATIONS ARE NOT GUARANTEED. OWNERSHIP OF RIGHTS-OF-WAY IS NOT CLEAR. CONTRACTOR SHOULD CONSIDER ALL RIGHTS-OF-WAY AS REQUIRING PERMISSION EITHER FROM MUNICIPAL AUTHORITY OR PRIVATE PROPERTY OWNER PRIOR TO CONSTRUCTION.

3. CONTRACTOR TO SECURE ALL NECESSARY PROPERTY ACCESS PERMISSIONS PRIOR TO CONSTRUCTION. CONTRACTOR WILL NOT CROSS PARCELS OWNED BY THIRD PARTIES TO PROVIDE SERVICE WITHOUT PRIOR WRITTEN PERMISSION FROM PROPERTY OWNER.

4. WETLANDS LOCATION FLAGS AND WETLANDS EDGE LOCATIONS PROVIDED BY NATURAL RESOURCE SERVICES, INC.

5. DETERMINATION OF DEM JURISDICTION IN PROPOSED CONSTRUCTION AREAS PROVIDED BY NATURAL RESOURCE SERVICES, INC.

6. AERIAL IMAGERY DATED FALL 2020 AND PROVIDED BY UNIVERSITY OF RHODE ISLAND GIS MAP SERVICE.

7. THIS DOCUMENT IS INTENDED TO PROVIDE INFORMATION SUITABLE FOR RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (DEM) REVIEW. IT IS NOT A CONSTRUCTION DOCUMENT.

EROSION AND SEDIMENTATION CONTROL GENERAL NOTES:

1. PRIOR TO STARTING SITE WORK, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND INSTALL ANY REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

2. ANY SEDIMENTATION AND EROSION CONTROL DEVICES IMPLEMENTED SHALL PROTECT ON-SITE WETLANDS, WATERCOURSES, AND OFF-SITE AREAS DURING AND AFTER CONSTRUCTION.

3. AREAS WHERE HIGH RUNOFF VELOCITIES OR SEDIMENT LOADS ARE EXPECTED SHALL BE CONTROLLED WITH TWO LINES OF SILT SOCKS INSTALLED IN A CLOSE ROW.

4. UPON COMPLETION OF WORK, SURFACE TREATMENT AS DIRECTED BY AUTHORITIES HAVING JURISDICTION SHALL BE APPLIED TO STABILIZE THE DISTURBED AREAS AS SOON AS POSSIBLE, BUT NOT MORE THAN 14 DAYS AFTER CONSTRUCTION AS CEASED TEMPORARILY OR PERMANENTLY.

5. ALL STORMWATER CONTROL MEASURES, DISTURBED AREAS, AREAS USED FOR THE STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION (INCLUDING UNSTABILIZE SOIL STOCKPILES), DISCHARGE LOCATIONS AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE MUST BE INSPECTED BY OR UNDER THE SUPERVISION OF THE CONSTRUCTION CONTRACTOR AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY STORM EVENT WHICH GENERATES AT LEAST 0.25 INCHES OF RAINFALL PER TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF. SUCH AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE WATERS OF THE STATE OR A SEPARATE STORM SEWER SYSTEM. BEST PRACTICES SHALL BE MAINTAINED TO PREVENT UNCONTROLLED RELEASES OF MEASURABLE AMOUNTS OF SEDIMENT, OR SEDIMENT LADEN WATER FROM TRAVELING BEYOND THE LIMITS OF DISTURBANCE.

6. SEDIMENT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6 INCHES DEEP OR AS NEEDED.

7. DAMAGED OR DETERIORATED EROSION/SEDIMENTATION CONTROL ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.

8. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SECURELY STABILIZED. ONCE THE SITE IS STABILIZED, THE EROSION CONTROLS SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

9. IN THE EVENT OF A FUEL SPILL OR EQUIPMENT MALFUNCTION RESULTING IN A RELEASE OF HAZARDOUS MATERIAL, ALL WORK WILL BE STOPPED IN THIS AREA UNTIL THE RELEASE/SPILL IS CLEANED UP.

10. EQUIPMENT USED FOR CONSTRUCTION WILL BE PROPERLY MAINTAINED AND OPERATED TO REDUCE THE CHANCES OF SPILL OCCURRENCES OF PETROLEUM PRODUCTS. REFUELING OF EQUIPMENT WILL BE REQUIRED TO CARRY SPILL CONTAINMENT AND PREVENTION DEVICES (I.E., ABSORBENT PADS, CLEAN UP RAGS, FIVE GALLON CONTAINERS, ABSORBENT MATERIAL, ETC.) AT ALL TIMES. IN ADDITION, MAINTENANCE EQUIPMENT AND REPLACEMENT PARTS FOR CONSTRUCTION EQUIPMENT WILL BE ON HAND TO REPAIR FAILURES AND STOP A SPILL IN THE EVENT OF EQUIPMENT MALFUNCTION.

11. ANY HAZARDOUS WASTE SPILLS SHALL BE CLEANED UP IMMEDIATELY, AND IF THE SPILL AMOUNT IS EQUAL TO OR EXCEEDS THE EPA REPORTABLE QUANTITY (RQ) FOR THAT SUBSTANCE IN ACCORDANCE WITH 40 CFR PARTS 1010, 117, OR 302, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR SUBMITTING IN WRITING A DESCRIPTION OF THE RELEASE TO THE EPA REGIONAL OFFICE AND RIDEM PROVIDING THE DATE AND CIRCUMSTANCES OF THE RELEASE AND THE STEPS TO BE TAKEN TO PREVENT ANOTHER RELEASE. DIRECTIONS FOR CLEANING UP SPILLS SHALL BE CLEARLY POSTED AT A DESIGNATED ON-SITE LOCATION, AND CONSTRUCTION PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND LOCATION OF CLEANUP SUPPLIES. PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE GEAR AND HAVE PROPER TRAINING TO PREVENT INJURY FROM CONTACT WITH ANY HAZARDOUS SUBSTANCES.

12. NO GRADE CHANGES OR VEGETATIVE CLEARING IS PROPOSED.

NOTES:

PREPARED FOR:
sertex BROADBAND SOLUTIONS

PREPARED BY:
PIKE TELECOM
21 Oxford Rd
Mansfield, MA 02048
www.piketelecom.com
1-508-337-7600

LOCATION:
NEW SHOREHAM
WASHINGTON COUNTY

DETAILS AND GENERAL NOTES

DRAFTER: SHB	
SCALE: NA	
DATE: 05/20/21	
FOR PERMITTING ONLY	
PAGE: 2	

09/21/2021 N:\Engineering\Sertex\Block Island\Block Island FTTH\AA-AUTOCAD\WETLAND MAPPING\DEM NORTH AREA - BLOCK ISLAND - WETLAND MAPPING.dwg

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CORN NECK ROAD

CORN NECK ROAD

CORN NECK ROAD

POLE 11

DIG-1299 259' OF SINGLE-CELL MICRODUCT INSTALLED.

(SEE DETAIL D-8)

DIG-1299 259' OF SINGLE-CELL MICRODUCT INSTALLED.

(SEE DETAIL D-8)

NOTE: DIG PATH HAS BEEN ALTERED FROM INITIAL SUBMISSION TO AVOID CLEARING DESIGNATED

DIG-1331 184' OF SINGLE-CELL MICRODUCT INSTALLED.

(SEE DETAIL D-8)

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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Nancy L. Freeman

RI Environmental Management
OCT 05 2021
Office of Water Resources

LEGEND					
P.(T)W'	UTILITY POLE		EROSION CONTROL/LIMIT OF DISTURBANCE	RB	DEM WETLAND EDGE: 100' RIVERBANK WETLAND
△	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
##'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
##'	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM, 21 Oxford Rd, Mansfield, MA 02048, www.piketelecom.com, T: 508-337-7600

SCALE: 1"= 100 FEET (0, 20, 100, 200, 300)

LOCATION: NEW SHOREHAM WASHINGTON COUNTY

DRAFTER: SHB
SCALE: 1"=100'
DATE: 05/20/21
FOR PERMITTING ONLY
INDEX: N1 PAGE: 3

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DEPARTMENT OF ENVIRONMENTAL MANAGEMEN
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Nancy L. Freeman

RI Environmental Management
OCT 05 2021
Office of Water Resources

LEGEND:					
	UTILITY POLE		EROSION CONTROL/LIMIT OF DISTURBANCE	RB	DEM WETLAND EDGE: 100' RIVERBANK WETLAND
	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
#'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
#'	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM, 21 Oxford Rd, Mansfield, MA 02048, www.piketelecom.com, 1-508-337-7500

SCALE: 1"= 100 FEET (0, 20, 100, 200, 300)

LOCATION: NEW SHOREHAM, WASHINGTON COUNTY

DRAFTER: SHB	
SCALE: 1"=100'	
DATE: 05/20/21	
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CORN NECK ROAD

CORN NECK ROAD

CORN NECK ROAD

MANSION BEACH RD

DIG-1877: 187' OF SINGLE-CELL MICRODUCT INSTALLED

NOTE: DIG PATH HAS BEEN ALTERED FROM INITIAL SUBMISSION DUE TO GRADE CHANGE FROM P.108

DIG-1877: 320' OF SINGLE-CELL MICRODUCT INSTALLED

DIG-1878: 193' OF 1.25" DURALINE DUCT INSTALLED

DIG-1192: 210' OF SINGLE-CELL MICRODUCT INSTALLED

SEE DETAIL D-2

SEE DETAIL D-4

CULVERTPIPE

P.01/47	UTILITY POLE		EROSION CONTROL/LIMIT OF DISTURBANCE	RB	DEM WETLAND EDGE: 100' RIVERBANK WETLAND
△	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
8'-8"	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
8'-8"	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

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RI Environmental Management
OCT 05 2021
Office of Water Resources

PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM — 21 Oxford Rd, Douglas, MA 01516, www.piketelecom.com, T-508-337-7600

SCALE: 1"= 100 FEET (0 20 100 200 300)

LOCATION: NEW SHOREHAM, WASHINGTON COUNTY

DRAFTER: SHB
SCALE: 1"=100'
DATE: 05/20/21
FOR PERMITTING ONLY
INDEX: N3 PAGE: 5

NOTICE: LAYOUT: C:\Users\sbarber\Documents\Projects\Sertex\Corn Neck\NEW SHOREHAM\DRAWINGS\Layouts\NEW SHOREHAM NEW SHOREHAM - BLOCK ISLAND - WETLAND SHEETS.dwg

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DEM PERMIT REVIEW PACKAGE - FIBER SERVICE CONDUIT INSTALLATIONS

ISSUED FOR: PERMITTING ONLY

DATE ISSUED: May 20, 2021

DATE LAST REVISED: September 20, 2021

Town of New Shoreham

Conduit Installations - East Area

Block Island, RI

Revision 2

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2	Locus Map
3	Details and General Notes
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4	DIG #337 At 479 Old Town Rd
4	DIG #338 At 167 Old Town Rd
4	DIG #339 At 478 Old Town Rd
5	DIG #242 At 1111 Center St
5	DIG #1893 At 1111 Center St
6	DIG #628 At 1129 High St
6	DIG #635 At 1121 High St
6	DIG #690 At 529 Connecticut Ave
6	DIG #691 At 528 Connecticut Ave
6	DIG #708 At 1038 Connecticut Ave
7	DIG #515 At 1041 High St
7	DIG #583 At 1164 High St
7	DIG #584 At 362 High St
7	DIG #585 At 190 High St
7	DIG #586 At 190 High St
8	DIG #467 At 1008 Spring St
8	DIG #468 At 291 Spring St
8	DIG #470 At 292 Spring St
8	DIG #478 At 274 Spring St
8	DIG #481 At 273 Spring St
8	DIG #782 At 1008 Spring St
9	DIG #418 At 1000 Pilot Hill Rd
9	DIG #497 At 1235 Pilot Hill Rd
10	DIG #65 At 809 Mohegan Trail
10	DIG #69 At 804 Payne Rd
10	DIG #72 At 1104 Payne Rd
10	DIG #74 At 430 Payne Rd
10	DIG #183 At 1155 Pilot Hill Rd
10	DIG #184 At 409 Pilot Hill Rd
10	DIG #295 At 1664 Mohegan Trail
10	DIG #296 At 1240 Mohegan Trail
10	DIG #298 At 1233 Pilot Hill Rd
10	DIG #299 At 409 Pilot Hill Rd
11	DIG #113 At 1614 Lakeside Dr
11	DIG #120 At 1612 Lakeside Dr
11	DIG #121 At 1611 Lakeside Dr
11	DIG #192 At 768 Lakeside Dr
11	DIG #263 At 1662 Sands Pond Way
11	DIG #299 At 409 Pilot Hill Rd
11	DIG #469 At 292 Spring St
11	DIG #1894 At 1086 Lakeside Dr
12	DIG #133 At 777 Lakeside Dr
12	DIG #134 At 778 Lakeside Dr
12	DIG #141 At 779 Lakeside Dr
12	DIG #275 At 780 Lakeside Dr
12	DIG #1897 At 1356 Lakeside Dr

PAUL G. JONES
No. 3701
REGISTERED
PROFESSIONAL ENGINEER

9/28/2021

PROFESSIONAL ENGINEER

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 29 2021 FILE # 21-0164
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman

Prepared for:

sertex
BROADBAND SOLUTIONS

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OCT 05 2021
Office of Water Resources

Prepared by:

PIKE TELECOM

21 Oxford Rd
Mansfield, MA 02048
www.piketelecom.com
1-508-337-7600

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

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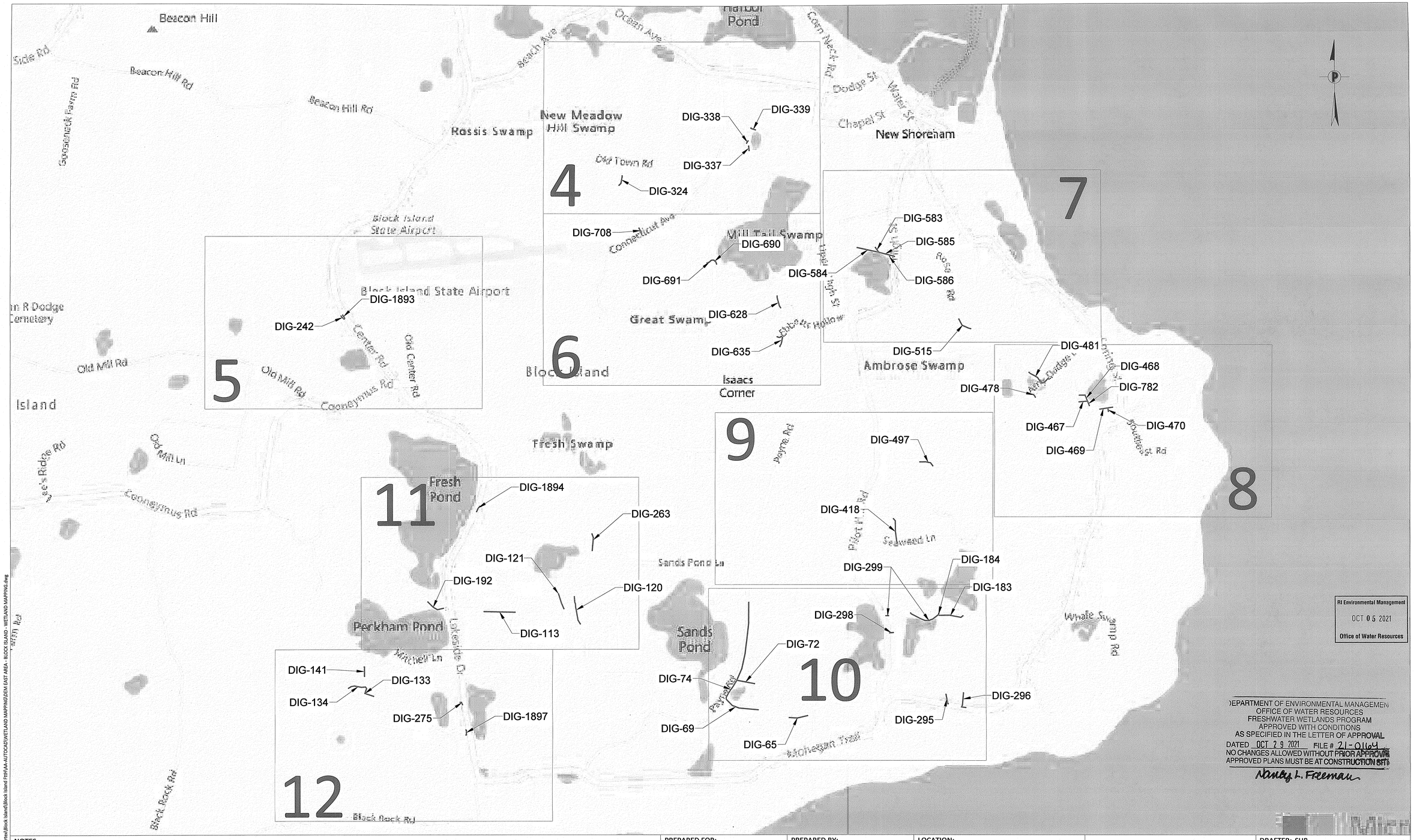

RI Environmental Management
OCT 05 2021
Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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NOTES:	PREPARED FOR:	PREPARED BY:	LOCATION:		
	sertex BROADBAND SOLUTIONS	PIKE TELECOM 21 Oxford Rd Mansfield, MA 02048 www.piketelecom.com 1-508-337-7600	NEW SHOREHAM WASHINGTON COUNTY	LOCUS MAP	DRAFTER: SHB SCALE: NA DATE: 05/20/21 FOR PERMITTING ONLY PAGE: 2

09/23/2021 N:\Engineering\Sertex\Block Island\Block Island Fttn\AA-AUTOCAD\WETLAND MAPPING\DEM EAST AREA - BLOCK ISLAND - WETLAND MAPPING.dwg

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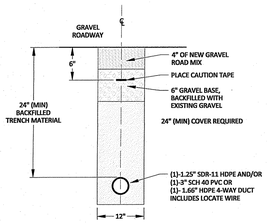
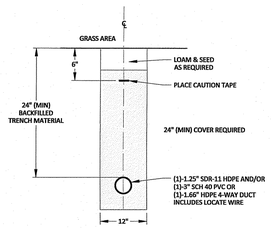
D1



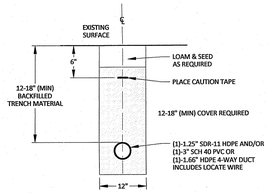
D-1
PROPOSED DUCT CONFIGURATION
1.25" DURALINE SMOOTHWALL OR 3" SCH 40 PVC OR DURALINE FUTUREPATH 4-WAY
GRAVEL ROAD (TOWN/DOT JDN) CROSSING DUCT INSTALLATION DETAIL
N.T.S.

D2



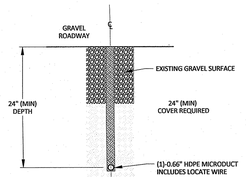
D-2
PROPOSED DUCT CONFIGURATION
1.25" DURALINE SMOOTHWALL OR 3" SCH 40 PVC OR DURALINE FUTUREPATH 4-WAY
GRASSY AREA (TOWN/DOT JDN) DUCT INSTALLATION DETAIL
N.T.S.

D3



D-3
PROPOSED DUCT CONFIGURATION
1.25" DURALINE SMOOTHWALL OR 3" SCH 40 PVC OR DURALINE FUTUREPATH 4-WAY
PRIVATE PROPERTY DUCT INSTALLATION DETAIL
N.T.S.

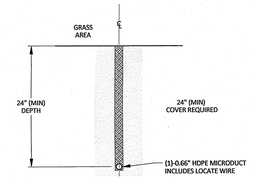
D4



D-4
VIBRATORY PLOW INSTALLATION
PROPOSED DUCT CONFIGURATION
DURALINE SINGLE CELL MICRODUCT
GRAVEL ROAD (TOWN/DOT JDN) INSTALLATION DETAIL
N.T.S.

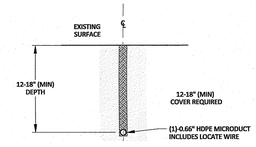
RI Environmental Management
OCT 05 2021
Office of Water Resources

D5



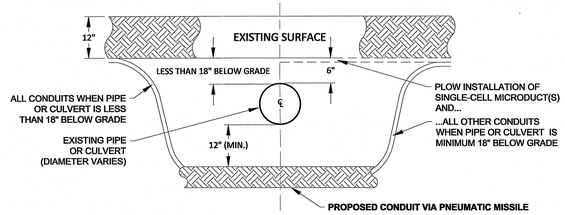
D-5
VIBRATORY PLOW INSTALLATION
PROPOSED DUCT CONFIGURATION
DURALINE SINGLE CELL MICRODUCT
GRASSY AREA (TOWN/DOT JDN) INSTALLATION DETAIL
N.T.S.

D6



D-6
VIBRATORY PLOW INSTALLATION
PROPOSED DUCT CONFIGURATION
DURALINE SINGLE CELL MICRODUCT
PRIVATE PROPERTY SERVICE DUCT INSTALLATION DETAIL
N.T.S.

GENERAL NOTES:
1. WHERE CULVERT IS MINIMUM 18" BELOW GRADE, PLOW INSTALLATION OF SINGLE-CELL MICRODUCT(S) AT MAXIMUM 12" DEPTH. ALL OTHER CONDUIT TYPES TO PASS BENEATH CULVERT.
2. WHERE CULVERT IS LESS THAN 18" BELOW GRADE, ALL CONDUITS TO PASS BENEATH CULVERT.
3. OVERALL DEPTH OF CONDUIT BENEATH CULVERT SHALL VARY BY DEPTH AND DIAMETER OF CULVERT.



CONDUIT INSTALLATION BENEATH
PIPE OR CULVERT VIA PNEUMATIC MISSILE
N.T.S.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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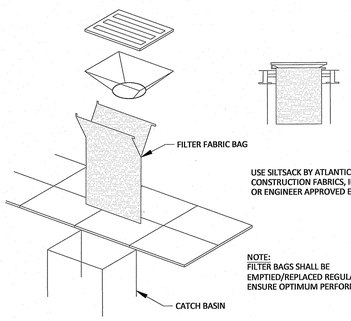
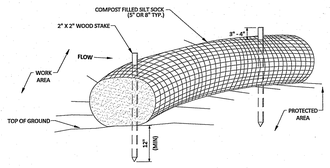
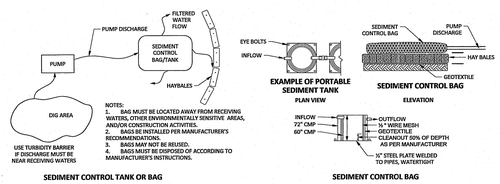


CATCH BASIN SEDIMENT PROTECTION
NOT TO SCALE



NOTES:
1. SILT SOCK SHALL BE FILTREXX™, SILTSOXX™ OR APPROVED EQUIVALENT.
2. SEE SPECIFICATIONS FOR SOCK SIZE AND COMPOST FILL REQUIREMENTS.
3. SILT SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED AS NEEDED.

SOIL EROSION AND SEDIMENT CONTROL MEASURES
N.T.S.



SOIL EROSION AND SEDIMENT CONTROL MEASURES
N.T.S.

GENERAL NOTES:

1. THE LOCATIONS OF ANY EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

2. ALL LINES SHOWN FOR EXISTING PARCELS, BUILDINGS, AND RIGHTS-OF-WAY HAVE BEEN ESTABLISHED FROM GIS DATA PROVIDED BY TOWN OF NEW SHOREHAM AND THEIR EXACT LOCATIONS ARE NOT GUARANTEED. OWNERSHIP OF RIGHTS-OF-WAY IS NOT CLEAR. CONTRACTOR SHOULD CONSIDER ALL RIGHTS-OF-WAY AS REQUIRING PERMISSION EITHER FROM MUNICIPAL AUTHORITY OR PRIVATE PROPERTY OWNER PRIOR TO CONSTRUCTION.

3. CONTRACTOR TO SECURE ALL NECESSARY PROPERTY ACCESS PERMISSIONS PRIOR TO CONSTRUCTION. CONTRACTOR WILL NOT CROSS PARCELS OWNED BY THIRD PARTIES TO PROVIDE SERVICE WITHOUT PRIOR WRITTEN PERMISSION FROM PROPERTY OWNER.

4. WETLANDS LOCATION FLAGS AND WETLANDS EDGE LOCATIONS PROVIDED BY NATURAL RESOURCE SERVICES, INC.

5. DETERMINATION OF DEM JURISDICTION IN PROPOSED CONSTRUCTION AREAS PROVIDED BY NATURAL RESOURCE SERVICES, INC.

6. AERIAL IMAGERY DATED FALL 2020 AND PROVIDED BY UNIVERSITY OF RHODE ISLAND GIS MAP SERVICE.

7. THIS DOCUMENT IS INTENDED TO PROVIDE INFORMATION SUITABLE FOR RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (DEM) REVIEW. IT IS NOT A CONSTRUCTION DOCUMENT.

EROSION AND SEDIMENTATION CONTROL GENERAL NOTES:

1. PRIOR TO STARTING SITE WORK, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND INSTALL ANY REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

2. ANY SEDIMENTATION AND EROSION CONTROL DEVICES IMPLEMENTED SHALL PROTECT ON-SITE WETLANDS, WATERCOURSES, AND OFF-SITE AREAS DURING AND AFTER CONSTRUCTION.

3. AREAS WHERE HIGH RUNOFF VELOCITIES OR SEDIMENT LOADS ARE EXPECTED SHALL BE CONTROLLED WITH TWO LINES OF SILT SOCKS INSTALLED IN A CLOSE ROW.

4. UPON COMPLETION OF WORK, SURFACE TREATMENT AS DIRECTED BY AUTHORITIES HAVING JURISDICTION SHALL BE APPLIED TO STABILIZE THE DISTURBED AREAS AS SOON AS POSSIBLE, BUT NOT MORE THAN 14 DAYS AFTER CONSTRUCTION AS CEASED TEMPORARILY OR PERMANENTLY.

5. ALL STORMWATER CONTROL MEASURES, DISTURBED AREAS, AREAS USED FOR THE STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION (INCLUDING UNSTABILIZE SOIL STOCKPILES), DISCHARGE LOCATIONS AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE MUST BE INSPECTED BY OR UNDER THE SUPERVISION OF THE CONSTRUCTION CONTRACTOR AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY STORM EVENT WHICH GENERATES AT LEAST 0.25 INCHES OF RAINFALL PER TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF. SUCH AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE WATERS OF THE STATE OR A SEPARATE STORM SEWER SYSTEM. BEST PRACTICES SHALL BE MAINTAINED TO PREVENT UNCONTROLLED RELEASES OF MEASURABLE AMOUNTS OF SEDIMENT, OR SEDIMENT LADEN WATER FROM TRAVELING BEYOND THE LIMITS OF DISTURBANCE.

6. SEDIMENT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6 INCHES DEEP OR AS NEEDED.

7. DAMAGED OR DETERIORATED EROSION/SEDIMENTATION CONTROL ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.

8. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SECURELY STABILIZED. ONCE THE SITE IS STABILIZED, THE EROSION CONTROLS SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

9. IN THE EVENT OF A FUEL SPILL OR EQUIPMENT MALFUNCTION RESULTING IN A RELEASE OF HAZARDOUS MATERIAL, ALL WORK WILL BE STOPPED IN THIS AREA UNTIL THE RELEASE/SPILL IS CLEANED UP.

10. EQUIPMENT USED FOR CONSTRUCTION WILL BE PROPERLY MAINTAINED AND OPERATED TO REDUCE THE CHANCES OF SPILL OCCURRENCES OF PETROLEUM PRODUCTS. REFUELING OF EQUIPMENT WILL BE REQUIRED TO CARRY SPILL CONTAINMENT AND PREVENTION DEVICES (I.E., ABSORBENT PADS, CLEAN UP RAGS, FIVE GALLON CONTAINERS, ABSORBENT MATERIAL, ETC.) AT ALL TIMES. IN ADDITION, MAINTENANCE EQUIPMENT AND REPLACEMENT PARTS FOR CONSTRUCTION EQUIPMENT WILL BE ON HAND TO REPAIR FAILURES AND STOP A SPILL IN THE EVENT OF EQUIPMENT MALFUNCTION.

11. ANY HAZARDOUS WASTE SPILLS SHALL BE CLEANED UP IMMEDIATELY, AND IF THE SPILL AMOUNT IS EQUAL TO OR EXCEEDS THE EPA REPORTABLE QUANTITY (RQ) FOR THAT SUBSTANCE IN ACCORDANCE WITH 40 CFR PARTS 1010, 117, OR 302, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR SUBMITTING IN WRITING A DESCRIPTION OF THE RELEASE TO THE EPA REGIONAL OFFICE AND RIDEM PROVIDING THE DATE AND CIRCUMSTANCES OF THE RELEASE AND THE STEPS TO BE TAKEN TO PREVENT ANOTHER RELEASE. DIRECTIONS FOR CLEANING UP SPILLS SHALL BE CLEARLY POSTED AT A DESIGNATED ON-SITE LOCATION, AND CONSTRUCTION PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND LOCATION OF CLEANUP SUPPLIES. PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE GEAR AND HAVE PROPER TRAINING TO PREVENT INJURY FROM CONTACT WITH ANY HAZARDOUS SUBSTANCES.

12. NO GRADE CHANGES OR VEGETATIVE CLEARING IS PROPOSED.

NOTES:

PREPARED FOR:
sertex BROADBAND SOLUTIONS

PREPARED BY:
PIKE TELECOM
21 Oxford Rd
Mansfield, MA 02048
www.piketelecom.com
1-508-337-7600

LOCATION:
NEW SHOREHAM
WASHINGTON COUNTY

DETAILS AND GENERAL NOTES

DRAFTER: SHB
SCALE: NA
DATE: 05/20/21
FOR PERMITTING ONLY
PAGE: 3

09/23/2021 N:\Engineering\Sertex\Block Island\Block Island FttH\AA-AUTOCAD\WETLAND MAPPING\DEM EAST AREA - BLOCK ISLAND - WETLAND MAPPING.dwg

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P.(T)NT	UTILITY POLE		EROSION CONTROL/LIMIT OF DISTURBANCE	RB	DEM WETLAND EDGE: 100' RIVERBANK WETLAND
△	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
#'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
#'	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

LEGEND:

PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM 21 Oxford Rd Mansfield, MA 02048 www.piketelecom.com T-508-337-7600

SCALE: 1"= 100 FEET 0 20 100 200 300

LOCATION: NEW SHOREHAM WASHINGTON COUNTY

DRAFTER: SHB
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INDEX: E1 PAGE: 4

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CENTER RD

NOTE: DIG PATH CHANGED FROM ORIGINAL SUBMISSION TO CONSOLIDATE TRENCHING AND FOLLOW ROAD SHOULDER.

- 37 OF (2) 1.25" DURALINE DUCT AND (2) 288 SINGLE-CELL MICRODUCT INSTALLED.

SEE DETAIL D-2

P.(E)959-1 - P.(T)325

P.(E)959 - P.(T)32

P.(E)960 - P.(T)NH

P.(E)961 - P.(T)33

P.(E)962 - P.(T)85

P.(E)963 - P.(T)NH

P.(E)964 - P.(T)34

P.(E)965 - P.(T)34.5

P.(E)966 - P.(T)35

P.(E)967 - P.(T)36

P.(E)968 - P.(T)36-1

P.(E)969 - P.(T)37

P.(E)970 - P.(T)38

P.(E)971 - P.(T)39

P.(E)972 - P.(T)40

P.(E)973 - P.(T)41

P.(E)974 - P.(T)41-1

P.(E)975 - P.(T)41

P.(E)976 - P.(T)42

P.(E)977 - P.(T)43

P.(E)978 - P.(T)44

P.(E)979 - P.(T)45

P.(E)980 - P.(T)46

P.(E)981 - P.(T)46-1

P.(E)983 - P.(T)47

P.(E)984 - P.(T)43-1

P.(E)985 - P.(T)43-2

P.(E)986 - P.(T)43-3

P.(E)987 - P.(T)43-4

P.(E)988 - P.(T)43-5

P.(E)989 - P.(T)43-6

P.(E)990 - P.(T)43-7

P.(E)994 - P.(T)5

P.(E)995 - P.(T)6

P.(E)996 - P.(T)7

P.(E)997 - P.(T)8

P.(E)998 - P.(T)9

P.(E)999 - P.(T)10

P.(E)1000 - P.(T)11

P.(E)1002 - P.(T)12

P.(E)1003 - P.(T)1

P.(E)1004 - P.(T)2

P.(E)1005 - P.(T)3

P.(E)1006 - P.(T)14

P.(E)1007 - P.(T)15

P.(E)1008 - P.(T)16

P.(E)1009 - P.(T)17

P.(E)1010 - P.(T)18

P.(E)1011 - P.(T)9

P.(E)1012 - P.(T)10

P.(E)1040 - P.(T)13

P.(E)1041 - P.(T)14

P.(E)1219 - P.(T)2

P.(E)1220 - P.(T)3

OLD MILL RD

OLD CENTER RD

BRUCE CALDWELL DR

COONEYMUS RD

LAKESIDE DR

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Office of Water Resources

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##'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
##'	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM, 21 Oxford Rd, Mansfield, MA 02048, www.piketelecom.com, 1-508-337-7000

SCALE: 1"= 100 FEET (0 20 100 200 300)

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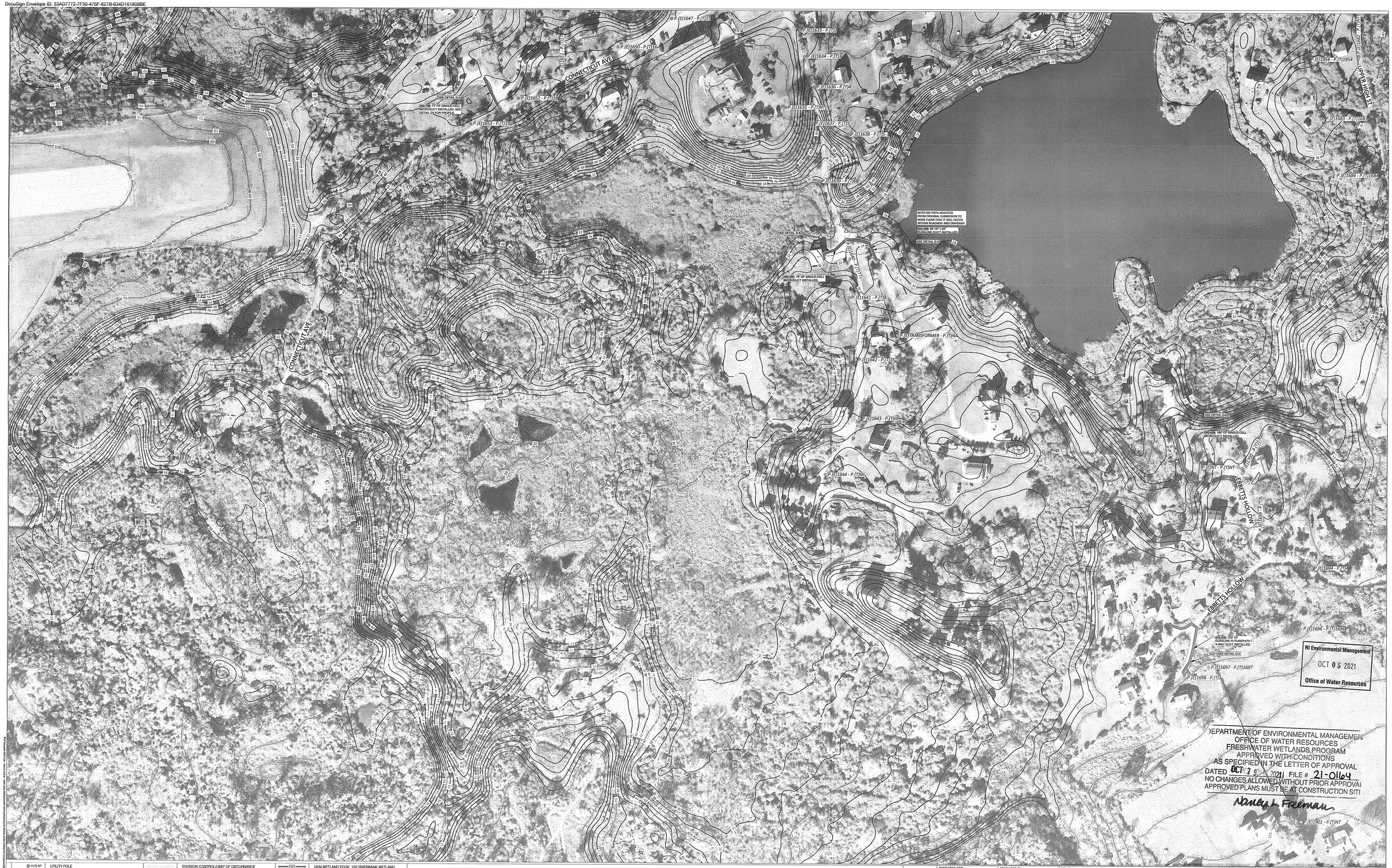

LEGEND:

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	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM 21 Oxford Rd Woodstock, NH 03246 www.pikeelectric.com 1-888-337-7600

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0 20 100 200 300

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P/T/NT	UTILITY POLE	WL	EROSION CONTROL/LIMIT OF DISTURBANCE	RB	DEM WETLAND EDGE: 100' RIVERBANK WETLAND
△	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
#'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
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DRAFTER: SHB
SCALE: 1"=100'
DATE: 05/20/21
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INDEX: E4 PAGE: 7

DocuSign Envelope ID: 53AD7772-7F50-476F-827B-634D161808BE

P.(T)NT	UTILITY POLE		EROSION CONTROL/LIMIT OF DISTURBANCE	RB	DEM WETLAND EDGE: 100' RIVERBANK WETLAND
△	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
##'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
##'	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

LEGEND:

PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM, 21 Oxford Rd, Mansfield, MA 02048, www.piketelecom.com, 1-508-337-7600

SCALE: 1"= 100 FEET (0, 20, 100, 200, 300)

LOCATION: NEW SHOREHAM, WASHINGTON COUNTY

DRAFTER: SHB
SCALE: 1"=100'
DATE: 05/20/21
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RI Environmental Management
OCT 05 2021
Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMEN
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 29 2021 FILE # 21-0164
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITI
Nancy L. Freeman

DocuSign Envelope ID: 53AD7772-7F50-476F-827B-634D161808BE

PAYNE RD
PILOT HILL RD
SEAWEED LN
SANDS POND LN
P.(E)1905 - P.(T)3
P.(E)1904 - P.(T)8
P.(E)1907 - P.(T)9
P.(E)1908 - P.(T)NT
P.(E)1909 - P.(T)10
P.(E)1910 - P.(T)11
P.(E)1911 - P.(T)NT
P.(E)NT - P.(T)NT
P.(E)1913 - P.(T)11-3
P.(E)1914 - P.(T)NT
P.(E)1915 - P.(T)NT
P.(E)1916 - P.(T)12
P.(E)1917 - P.(T)16
P.(E)1918 - P.(T)17
P.(E)1919 - P.(T)18
P.(E)1920 - P.(T)19
P.(E)1921 - P.(T)20
P.(E)1922 - P.(T)21
P.(E)1923 - P.(T)22
P.(E)1924 - P.(T)23
P.(E)1925 - P.(T)25
P.(E)1926 - P.(T)26
P.(E)1927 - P.(T)27
P.(E)1930 - P.(T)1
P.(E)1931 - P.(T)2
P.(E)1532 - P.(T)13
P.(E)1533 - P.(T)14
P.(E)1534 - P.(T)15
P.(E)1767 - P.(T)3
P.(E)1768 - P.(T)35
P.(E)1770 - P.(T)NT
P.(E)1771 - P.(T)NT
P.(E)1772 - P.(T)NT
P.(E)1773 - P.(T)NT
P.(E)1774 - P.(T)NT
P.(E)1775 - P.(T)35
P.(E)1776 - P.(T)10
P.(E)1777 - P.(T)105
P.(E)1778 - P.(T)11
P.(E)1779 - P.(T)12
P.(E)1780 - P.(T)13
P.(E)1781 - P.(T)NT
P.(E)1782 - P.(T)14
P.(E)1783 - P.(T)NT
P.(E)1784 - P.(T)NT
P.(E)1792 - P.(T)NT
P.(E)1793 - P.(T)NT
P.(E)1794 - P.(T)NT
P.(E)1795 - P.(T)5
P.(E)1797 - P.(T)7
P.(E)1798 - P.(T)NT
P.(E)1799 - P.(T)NT
P.(E)1800 - P.(T)NT
P.(E)1801 - P.(T)NT
P.(E)1802 - P.(T)NT
P.(E)1803 - P.(T)15
P.(E)1804 - P.(T)NT
P.(E)1805 - P.(T)NT
P.(E)1806 - P.(T)16
P.(E)1807 - P.(T)17
DIG 49' 18D OF SINGLE-CELL MICRODUCT INSTALLED.
SEE DETAIL D-8
DIG WET EDGE/PVT
DIG WET EDGE/PVT
SEE DETAIL D-8.1
DIG 418' 30D OF SINGLE-CELL MICRODUCT INSTALLED.
NOTE: DIG PATH ADJUSTED FROM ORIGINAL SUBMISSION TO MAKE CLEAR THAT IT WILL TAKE PLACE WITHIN DRIVEWAY.

RI Environmental Management
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Nancy L. Freeman

LEGEND

P.(T)NT	UTILITY POLE		EROSION CONTROL/LIMIT OF DISTURBANCE	RB	DEM WETLAND EDGE: 100' RIVERBANK WETLAND
△	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
——#'——	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
——#'——	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

PREPARED FOR: sertex BROADBAND SOLUTIONS

PREPARED BY: PIKE TELECOM 21 Oxford Rd Mansfield, MA 02048 www.piketelecom.com 1-508-337-7000

SCALE: 1"= 100 FEET
0 20 100 200 300

LOCATION: NEW SHOREHAM WASHINGTON COUNTY

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PAYNE RD

PILOT HILL RD

MOHEGAN TRAIL

P.(E)1929 - P.(T)29

P.(E)1928 - P.(T)28

P.(E)1810 - P.(T)INT

P.(E)1811 - P.(T)INT

P.(E)1812 - P.(T)20

P.(E)1813 - P.(T)21

P.(E)1814 - P.(T)22

P.(E)1815 - P.(T)23

P.(E)1816 - P.(T)INT

P.(E)1817 - P.(T)25

P.(E)1818 - P.(T)26

P.(E)1819 - P.(T)27

P.(E)1820 - P.(T)28

P.(E)1821 - P.(T)29

P.(E)1822 - P.(T)39

P.(E)1823 - P.(T)40

P.(E)1824 - P.(T)41

P.(E)1825 - P.(T)42

P.(E)1826 - P.(T)43

P.(E)1827 - P.(T)1827

P.(E)1828 - P.(T)44

P.(E)1829 - P.(T)45

P.(E)1830 - P.(T)1830

P.(E)1831 - P.(T)48.5

P.(E)1832 - P.(T)46

P.(E)1373 - P.(T)37

P.(E)1372 - P.(T)36

P.(E)INT - P.(T)35

P.(E)1370 - P.(T)32

P.(E)1369 - P.(T)33

P.(E)1368 - P.(T)31

P.(E)1367 - P.(T)30

P.(E)1366 - P.(T)29

P.(E)1365 - P.(T)28

P.(E)1363 - P.(T)27

P.(E)1364 - P.(T)1364

P.(E)1361 - P.(T)26

P.(E)1362 - P.(T)25

P.(E)1374 - P.(T)INT

P.(E)3123 TRANS - P.(T)N/A

DIG-78 132F OF 1.25" DURALINE DUCT INSTALLED.

DIG-77 202' OF SINGLE-CELL MICRODUCT INSTALLED.

DIG-68 472' OF DURALINE FUTUREPATH 4-DUCT DUCT INSTALLED.

DIG-69 234' OF SINGLE-CELL MICRODUCT INSTALLED. SEE DETAIL FOR DUCT PROFILE.

DIG-196 20' OF SINGLE-CELL MICRODUCT INSTALLED.

DIG-195 181' OF SINGLE-CELL MICRODUCT INSTALLED.

DIG-205 234' OF SINGLE-CELL MICRODUCT INSTALLED.

DIG-206 45' AND 397' OF DURALINE FUTUREPATH 4-DUCT DUCT INSTALLED.

DIG-208 50' OF SINGLE-CELL MICRODUCT INSTALLED.

DIG-209 151' OF SINGLE-CELL MICRODUCT INSTALLED.

SEE DETAIL D-1

SEE DETAIL D-2

SEE DETAIL D-3

SEE DETAIL D-4

SEE DETAIL D-5

NOTE: DIG PATH ADJUSTED FROM ORIGINAL SUBMISSION TO MAKE CLEAR THAT IT WILL OCCUR INSIDE ROADWAY.

NOTE: DIG PATH RELOCATED PER DEM COMMENT TO AVOID VEGETATIVE CLEARING.

SWING WET EDGE #195

HOUSE

P.(T)INT	UTILITY POLE		EROSION CONTROL/LIMIT OF DISTURBANCE	RB	DEM WETLAND EDGE: 100' RIVERBANK WETLAND
△	WETLAND FLAG	WL	DEM WETLAND EDGE: WETLAND		
##'	2' CONTOUR LINE (ELEVATION IN FEET)	SP	DEM WETLAND EDGE: 50' PERIMETER WETLAND		
##'	10' CONTOUR LINE (ELEVATION IN FEET)	AF	DEM WETLAND EDGE: ASSF		
	PROPOSED CONDUIT	ST	DEM WETLAND EDGE: STREAM		

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Nancy L. Freeman

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MITCHELL LN

LAKESIDE DR

MOHEGAN TRAIL

SNAKE HOLE RD

BLACK ROCK RD

STREAM

DIG-141: 152' OF SINGLE-CELL MICRODUCT INSTALLED.

DIG-136: 249' OF SINGLE-CELL MICRODUCT INSTALLED.

DIG-133: 170' OF SINGLE-CELL MICRODUCT INSTALLED.

DIG-228: 57' OF SINGLE-CELL MICRODUCT INSTALLED.

NOTE: DIG PATH ADJUSTED TO SHOW THAT DIG WILL TAKE PLACE ALONG ROAD SHOULDER.

DIG-1497: 66' OF SINGLE-CELL MICRODUCT INSTALLED.

SEE DETAIL D-3

SEE DETAIL D-4

SEE DETAIL D-5

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