

Pole 17-1 Relocation
Main Street, Sturbridge, MA
Request for Determination of Applicability

Town of Sturbridge
Conservation Commission
June 2019

Prepared for:
Massachusetts Electric Company d/b/a National Grid
40 Sylvan Road
Waltham, MA 02451

BSC Project No. 89594.38

Prepared by:



33 Waldo Street
Worcester, MA 01608



June 25, 2019

Sturbridge Conservation Commission
308 Main Street
Sturbridge, MA 01566

**RE: Request for Determination of Applicability
P17-1 Relocation
Main Street, Sturbridge, MA
Massachusetts Electric Company**

Dear Conservation Commission Members:

On behalf of Massachusetts Electric Company d/b/a National Grid (MECO), BSC Group, Inc. (BSC) is pleased to submit this Request for Determination of Applicability (RDA) under the Town of Sturbridge Wetlands Protection Bylaw and Regulations, for the relocation of one (1) utility pole (P17-1) to the road shoulder along Main Street in Sturbridge, MA (the Project). The proposed pole relocation is proposed within the 25-foot No Disturb Zone and Bordering Vegetated Wetland (BVW). Please refer to the USGS Site Locus Map and Environmental Resources Map in **Attachment B** for a depiction of the Project location and adjacent Resource Areas.

The proposed relocation of pole P17-1 includes the removal of the existing pole from the edge of a BVW and the installation of a new pole approximately 20-feet closer to the roadway. The new pole location will be within 10-feet of the paved roadway, and thus removing the infrastructure from the BVW in this area. The removal of the existing P17-1 can be considered an exempt maintenance activity under the WPA and implementing regulations (310 CMR 10.02(2)(a)(2)), and the installation of the replacement P17-1 can be considered an exempt minor buffer zone activity under WPA (310 CMR 10.02(2)(b)(2)(e)). However, the Sturbridge Wetlands Protection Bylaw does not recognize these exemptions. Therefore, the subject of this RDA is the relocation of P17-1 within the 25-ft No Disturb Zone only.

The proposed work is necessary to allow MECO to continue to provide reliable electric service to its customers. Throughout the Project, Best Management Practices (BMPs) will be implemented to reduce the risk of adverse impacts to adjacent Resource Areas, and areas surrounding the pole will be restored upon completion of work. Therefore, MECO is seeking a Negative Determination from the Conservation Commission and a waiver for work within the 25-ft No Disturb Zone.

EXISTING CONDITIONS

BSC conducted a desktop analysis (using MassGIS datalayers and other available mapping) and site visit of the proposed pole location to confirm resource areas. Based on the assessment, the proposed activities include the removal of an existing pole from BVW and the installation of a replacement pole within the existing disturbed 25-foot No Disturb Buffer to BVW. No

33 Waldo Street
Worcester, MA 01608

Tel: 508-792-4500
800-288-8123
Fax: 508-792-4509

www.bscgroup.com



Engineers
Environmental
Scientists
GIS Consultants
Landscape
Architects
Planners
Surveyors



other environmental resource areas, such as NHESP Priority and Estimated Habitat, Certified or Potential Vernal Pools, Outstanding Resource Waters, Bordering Land Subject to Flooding, AUL areas, 200-foot Riverfront Area, Areas of Critical Environmental Concern, or Wellhead Protection Areas, were identified near the Project. Representative site photographs are provided in **Attachment C**.

PROPOSED WORK DESCRIPTION

Existing pole P17-1 will be removed from the BVW by hand. The pole will be cut to grade. Large pieces of pole debris will be lifted out of the BVW using a utility truck. Smaller pieces will be removed by hand. All equipment involved in the removal will be staged from the Buffer Zone along the grassy, maintained road shoulder of Main Street. The cut pole will not be dragged through the wetland. The new pole P17-1 will then be installed by auguring a hole to a depth of approximately six (6) feet. Auguring equipment will be staged on Main Street. The pole will be directly embedded into the ground, and excavated soils will be used to backfill the hole. Any excess spoils will be removed from the area and disposed of properly. The entire process (removal of the existing pole, relocation of the new pole), will disturb fewer than five (5) square feet and will take a few hours to a day to complete.

Since the work will occur within an existing disturbed area, it is not anticipated that the Project will result in additional disturbance to the 25-foot No Disturb Buffer Zone. In addition, the relocation will bring the existing infrastructure further away from the resource, minimizing the need for future access in this location beyond the roadway. BMPs will be utilized during construction activities to avoid impacts to the adjacent resource areas. Disturbed areas within the Buffer Zone will be restored to preconstruction conditions, to the extent practicable. Please refer to the following sections for additional details on the proposed BMPs.

Construction Methods and Proposed Mitigation Techniques

MECO has established procedures that are to be followed by all employees performing construction and maintenance activities on distribution right-of-way (ROWs). These procedures, also known as BMPs are outlined in National Grid's Environmental Guidance documents (EG-303NE) to ensure that all MECO projects are completed in accordance with all applicable environmental laws and regulations as well as company policies and compliance objectives. Please see **Attachment D** for examples of these BMPs that may be used during the Project.

Erosion and Sediment Controls

Ground disturbance associated with the Project is minimal and limited to the relocation of one (1) utility pole. Displaced soil from the pole relocation activities will be managed away from Resource Areas and will either be used as backfill or disposed of appropriately offsite. Erosion and sediment control measures will be installed prior to the commencement of work and may include bale barriers, straw wattles, or similar treatment. Sediment barriers will remain in place and maintained until work is complete and disturbed areas are stabilized. Since access will be limited to the maintained road shoulder of Main Street, there will be minimal risk for sedimentation associated with the Project.



Stormwater Management

There will be no change in grade or surface type as a result of the Project, therefore, additional stormwater management will not be required.

Restoration

Disturbed areas will be stabilized, and the construction site will be returned to pre-existing conditions upon completion of the Project. All construction materials, vehicles, and non-biodegradable sediment controls will be removed from the site upon completion of work.

CONCLUSION

The proposed pole relocation will occur within the local 25-foot No Disturb Zone to a BVW. The removal of existing P17-1 will occur along the edge of BVW and equipment will be staged within a maintained lawn area. The installation of new P-17-1 will occur within the existing disturbed road layout of Main Street. BMPs will be implemented, as appropriate, to reduce the of potential impacts to wetland resource areas. The Project is not expected to significantly alter the Buffer Zone or impact the adjacent wetland resource areas and will relocate the infrastructure outside of the BVW. As a result, MECO is seeking a Negative Determination and waiver to the 50-foot no structure and 25-foot no disturb buffer requirements, in accordance with Section 4.13 of the Wetland Bylaw implementing Regulations, from the Sturbridge Conservation Commission for this work.

Enclosed please find one (1) original and one (1) copy of the RDA application package and the filing fee. We respectfully request that this matter be heard at the next scheduled Conservation Commission meeting. The work may be scheduled to begin as soon as permissible.

If you have any questions regarding the enclosed information, please contact me at 617-896-4509 or Jaime Walker of MECO at (781) 907-1495. Thank you for your consideration in this matter.

Sincerely,

BSC Group, Inc.

Theresa Portante
Project Manager

cc: Jaime Walker, MECO

Table of Contents

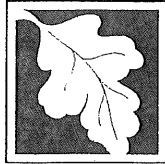
Pole 17-1 Relocation
Main Street, Sturbridge, MA
Request for Determination of Applicability

ATTACHMENT A	WPA FORM 1
ATTACHMENT B	USGS SITE LOCUS MAP ENVIRONMENTAL RESOURCES MAP
ATTACHMENT C	SITE PHOTOGRAPHS
ATTACHMENT D	BEST MANAGEMENT PRACTICES
ATTACHMENT E	ABUTTERS LIST ABUTTER NOTIFICATION LETTER AFFIDAVIT OF SERVICE

Attachment A

Pole 17-1 Relocation
Main Street, Sturbridge, MA
Request for Determination of Applicability

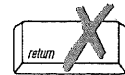
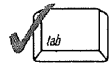
WPA FORM 1



WPA Form 1- Request for Determination of Applicability
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. General Information

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

Massachusetts Electric Company d/b/a National Grid
Name Jaime.Walker@nationalgrid.com
E-Mail Address
40 Sylvan Road
Mailing Address
Waltham MA 02451
City/Town State Zip Code
(781) 907-1495
Phone Number
Fax Number (if applicable)

2. Representative (if any):

BSC Group, Inc.
Firm
Theresa Portante
Contact Name tportante@bscgroup.com
E-Mail Address
33 Waldo Street
Mailing Address
Worcester MA 01608
City/Town State Zip Code
617-896-4509
Phone Number
Fax Number (if applicable)

B. Determinations

1. I request the Sturbridge Conservation Commission make the following determination(s). Check any that apply:

- a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance or bylaw** of:

Sturbridge
Name of Municipality

- e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).



WPA Form 1- Request for Determination of Applicability
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

near 657 & 665 Main Street, Sturbridge, MA	Sturbridge
Street Address	City/Town
45010, 221 and 56046, 167	415-0-2346-657 and 415-0-2345-665
Assessors Map/Plat Number	Parcel/Lot Number

b. Area Description (use additional paper, if necessary):

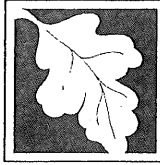
The proposed relocation of Pole 17-1 will occur within the existing maintained road-shoulder of Main Street and edge of BVW within an existing utility Right-of-Way.

c. Plan and/or Map Reference(s):

Environmental Resources Map	05/01/2019
Title	Date
USGS Locus Map	05/01/2019
Title	Date
Title	Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

MECO is proposing to relocate Pole P17-1, within the maintained road-shoulder of Main Street. The existing pole will be removed by hand from the edge of a BVW, and the new pole installed approximately 20-feet closer to the paved roadway (Main Street), using direct embed methods. Work will be completed within a day. Best Management Practices will be implemented to avoid impacts to adjacent Resource Areas.



WPA Form 1- Request for Determination of Applicability
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

C. Project Description (cont.)

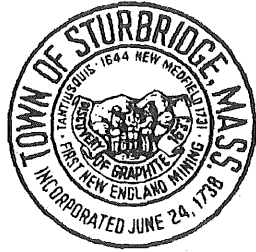
b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

The removal of the existing Pole 17-1 is considered an exempt utility maintenance activity under the WPA (310 CMR 10.02(2)(a)(2)), and the installation of the new pole is considered an exempt minor buffer zone activity under WPA (310 CMR 10.02(2)(b)(2)(e)).

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



Town of Sturbridge

Conservation Commission

Filing Fee Worksheet

Under M.G.L. c 131, § 40 and the Town of Sturbridge Wetland Bylaw

Applicant MECO

Applicant Representative Theresa Portante, BSC Group

Project location near 657 and 665 Main Street, ROW

TOTAL STATE FEE REQUIRED FOR PROJECT

(Only subject to NOI and ANRAD filings—See Wetland Fee Transmittal Form):

State Fee Category(s) 0

Total State Fee for project (include Riverfront Area adjustment if applicable) 0

State share of State Fee 0

Local share of State Fee 0

TOTAL ADDITIONAL LOCAL FEE REQUIRED FOR PROJECT*:

(See Sturbridge Wetland Bylaw Regulations Section 4.17)

Standard NOI Fee = \$50.00 _____ (check if applicable)

Standard RDA Fee = \$25.00 _____ (check if applicable)

Standard ANRAD Fee = \$00.10 per foot for resource area delineation _____ (check if applicable).
feet _____ x \$00.10 = \$ _____

Standard DELINEATION Fee = \$00.10 per foot for resource area delineation _____ (for all projects).
feet _____ x \$00.10 = \$ _____

(for all projects that do not include an approved wetland delineation boundary by the Commission within 3 years prior to application submittal)

REPLICATION Monitoring Fee = \$200.00 _____ (check if applicable)
(for all projects that include wetland alteration and wetland replication)

CUMULATIVE TOTAL FEES:

Total State Fee: _____

Total Town Share of State Fee: _____

Total Local Fee: \$25

*Please Note:

For each NOI and ANRAD filing, please submit two (2) checks to the Town of Sturbridge, one for the town's portion of the state fee and one for the local fee(s). RDA filings only have a Local Fee at this time.

The advertising fee is not included in the calculation. The Applicant will pay the Southbridge News directly.

F:\Home\CONSERVATION\Forms\Local Filing Fees Worksheet.doc

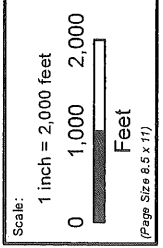
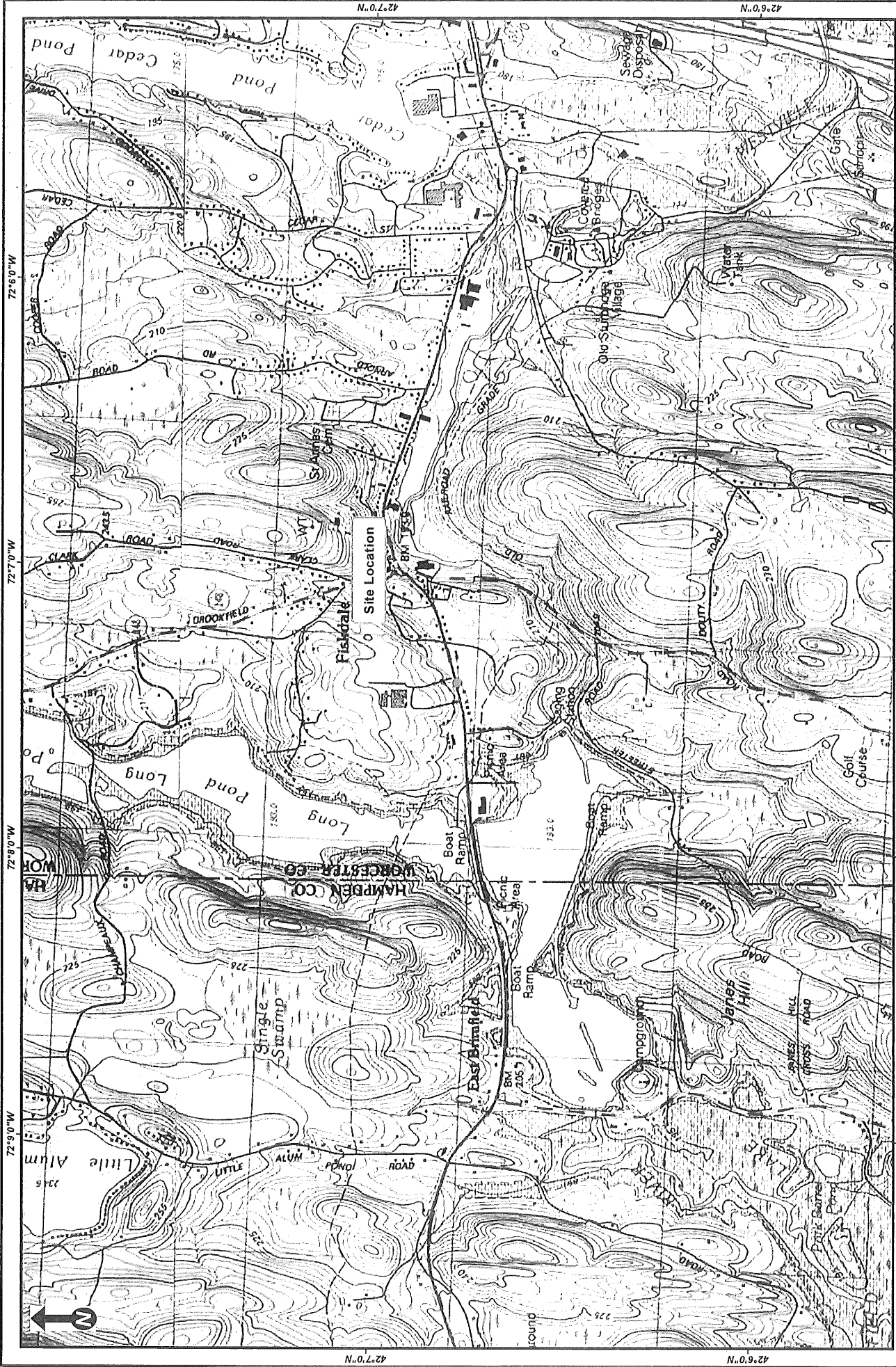
Town Hall
308 Main Street
Sturbridge, MA 01566

508-347-2506
(f) 508-347-5886

Attachment B

Pole 17-1 Relocation
Main Street, Sturbridge, MA
Request for Determination of Applicability

USGS SITE LOCUS MAP
ENVIRONMENTAL RESOURCES MAP



UTILITY POLE RELOCATION
USGS Site Location Map
Sturbridge, MA

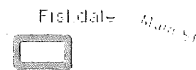
Source: Copyright ©
 2013 National
 Geographic Society, Inc.
 cubed

nationalgrid
 BSC GROUP

THIS DOCUMENT IS INTENDED FOR GENERAL PLANNING & INFORMATION PURPOSES ONLY. ALL MEASUREMENTS & LOCATIONS ARE APPROXIMATE.

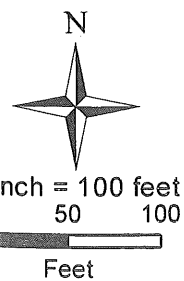


Index Map



Legend

- ⊙ Install Pole
- ⊖ Remove Pole
- Estimated Wetland
- MADEP Hydrologic Connections
- MADEP Wetlands*
- 25ft No Disturb Buffer Zone
- 50ft Buffer Zone
- 100ft Buffer to Wetlands & Streams
- 200ft Local Buffer Zone



*Indicates Layers Set to Transparency

UTILITY POLE RELOCATION

Environmental Resources Map

Main Street (Route 20)
Sturbridge, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Attachment C

Pole 17-1 Relocation
Main Street, Sturbridge, MA
Request for Determination of Applicability

SITE PHOTOGRAPHS



Photo 1: View of P17-1 from Route 20. *Facing south.*



Photo 2: View of the staked location of the replacement pole within the local 25-foot No Disturb Zone.

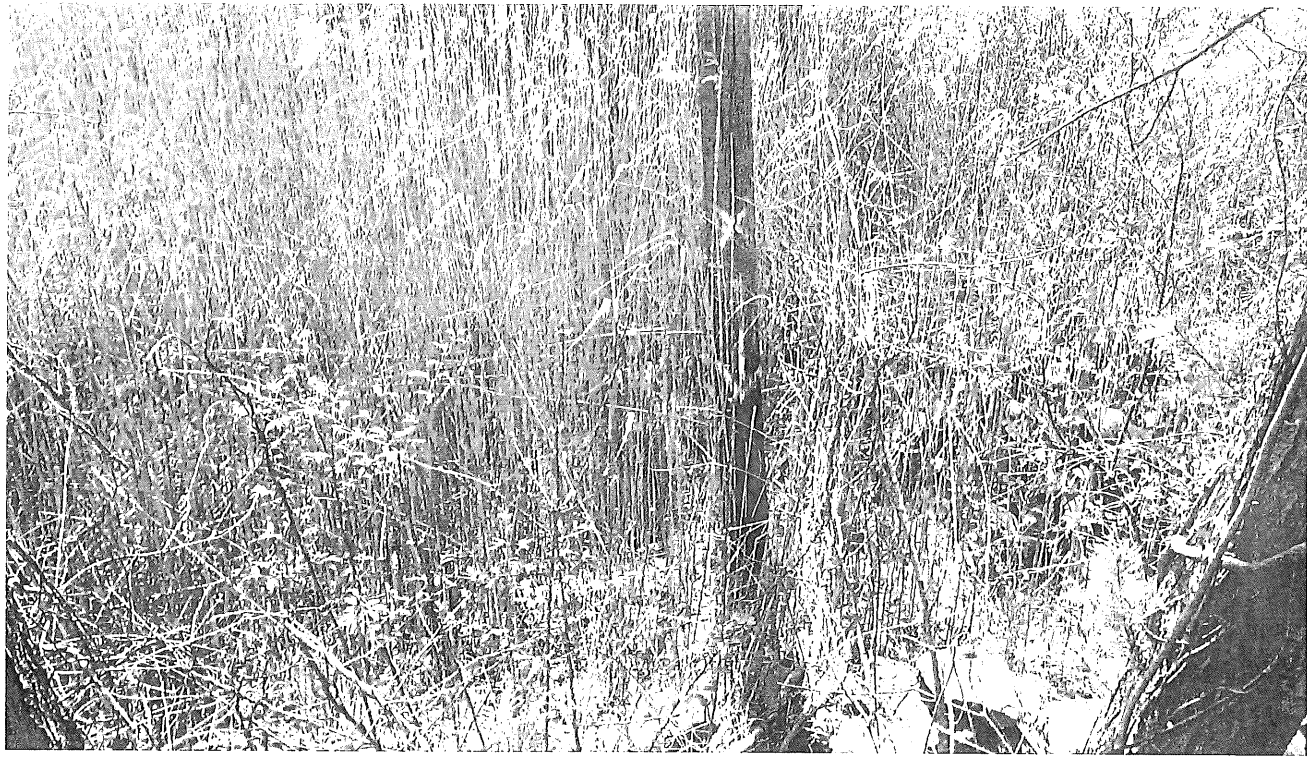


Photo 3: View of existing P17-1 within a BVW. A stone wall and upland slope are located between the pole and the access point on Route 20.

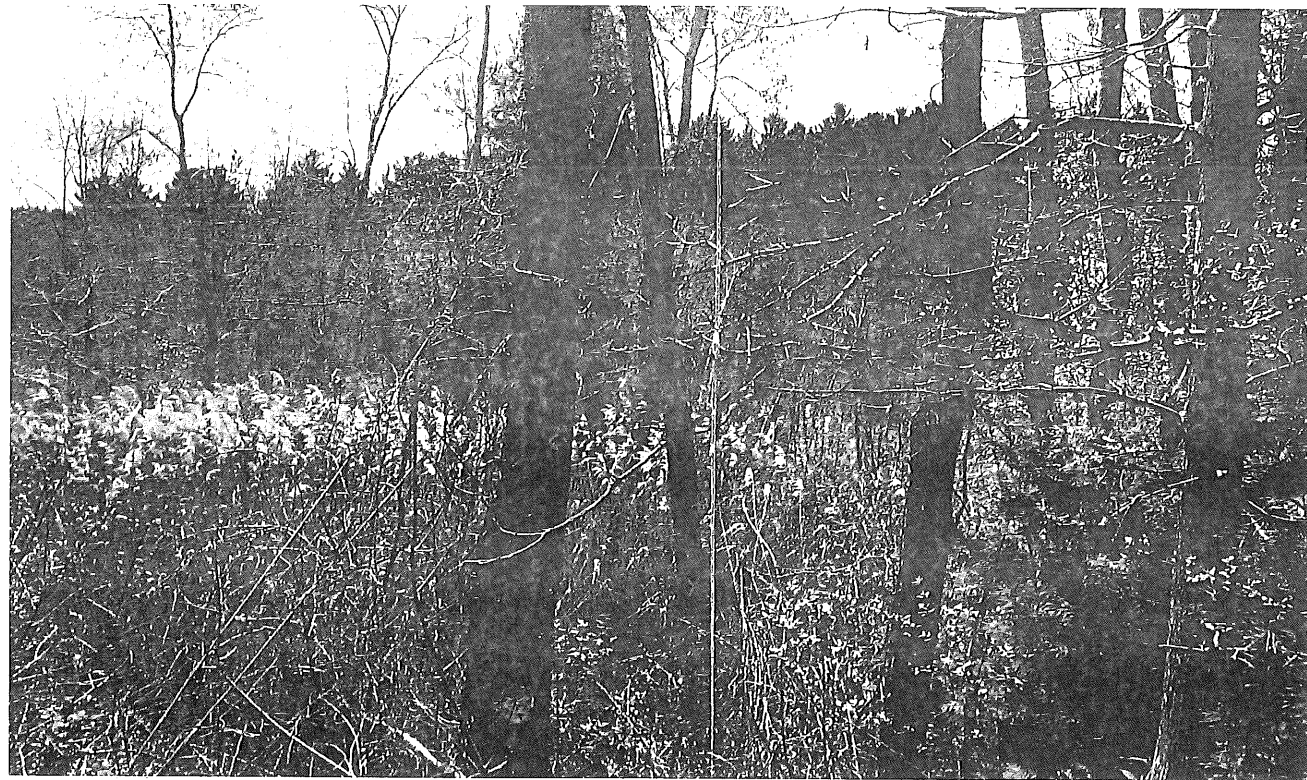


Photo 4: View of existing P17-1 and a BVW in the background. The BVW is dominated by Phragmites and Skunk Cabbage. Standing water was observed.

Attachment D

Pole 17-1 Relocation
Main Street, Sturbridge, MA
Request for Determination of Applicability

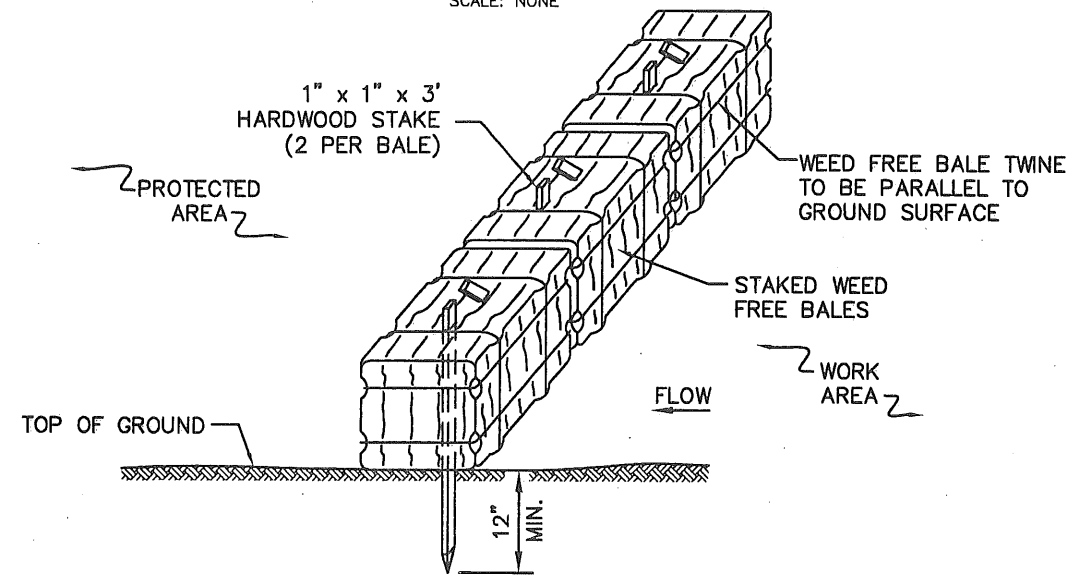
BEST MANAGEMENT PRACTICES

SUBJECT
Access, Maintenance and Construction
Best Management Practices

Reference
EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP DETAIL

SCALE: NONE



NOTES:

- 1. THE GROUND SHALL BE PREPARED TO PROVIDE COMPLETE CONTACT WITH THE BALES.

BMP PICTURE



SEC-1
WEED FREE BALE BARRIER

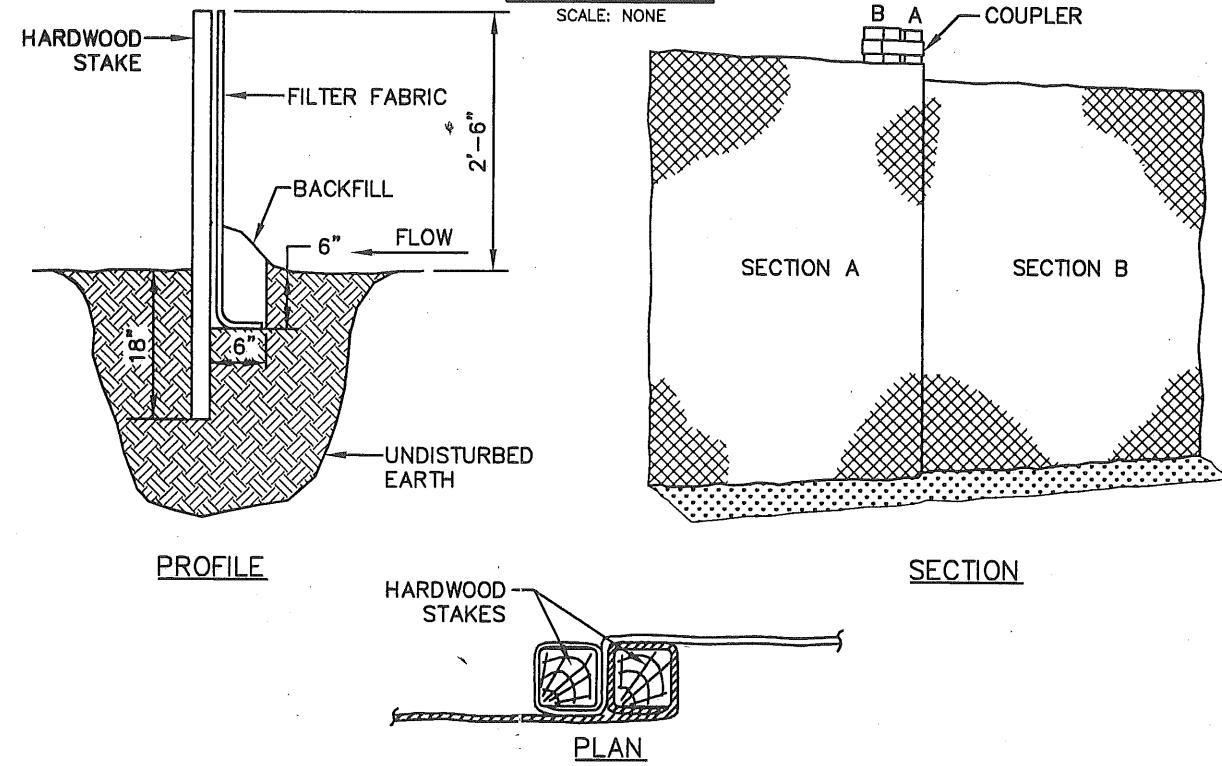
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SUBJECT
Access, Maintenance and Construction
Best Management Practices

Reference
EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP DETAIL

SCALE: NONE



BMP PICTURE



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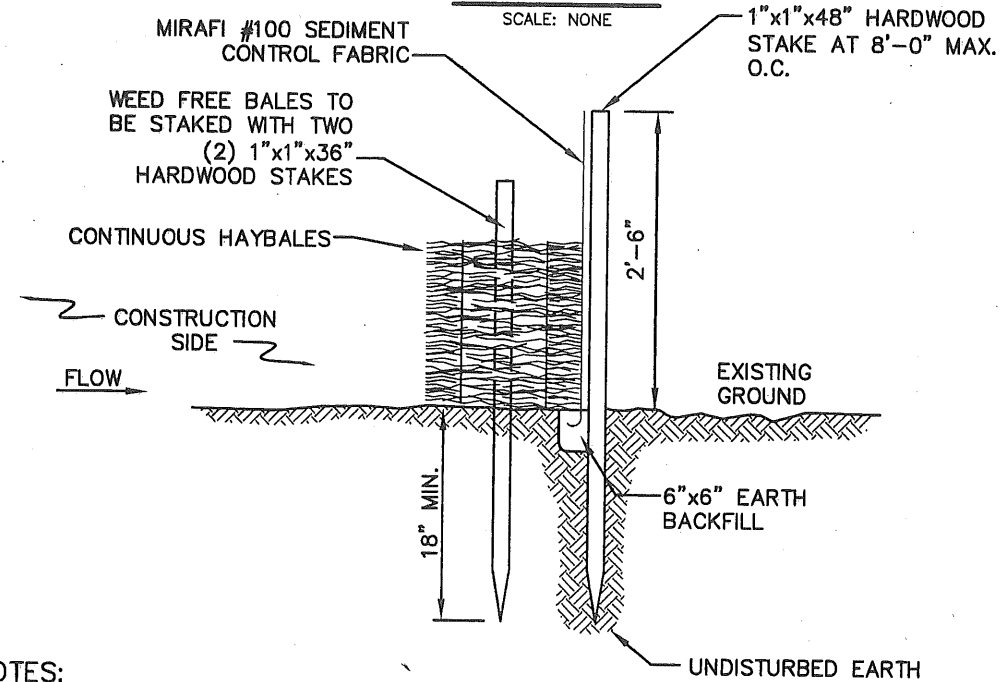
SEC-2
SEDIMENT CONTROL FENCE

SUBJECT
Access, Maintenance and Construction
Best Management Practices

Reference
EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP DETAIL

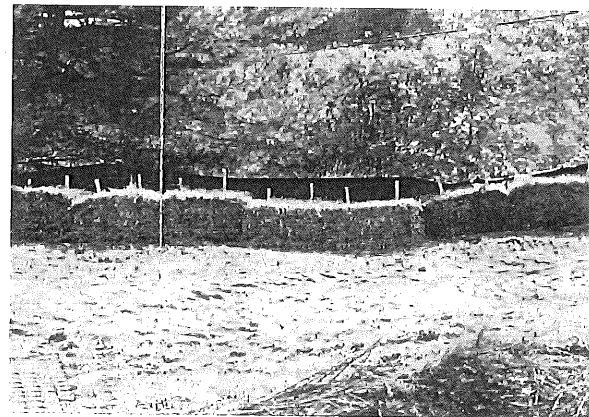
SCALE: NONE



NOTES:

1. BALES SHALL BE PLACED IN A ROW WITH THE ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. BALES SHALL BE SECURELY ANCHORED IN PLACE BY TWO (2) 1"x1"x36" HARDWOOD STAKES DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
3. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
4. BALES SHALL BE REMOVED AND REPLACED WHEN THEY BECOME FILLED WITH SEDIMENT AND BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
5. BALES SHALL BE REMOVED WHEN THE EMBANKMENTS STABILIZE.
6. BALES TO BE TWINE BOUND.

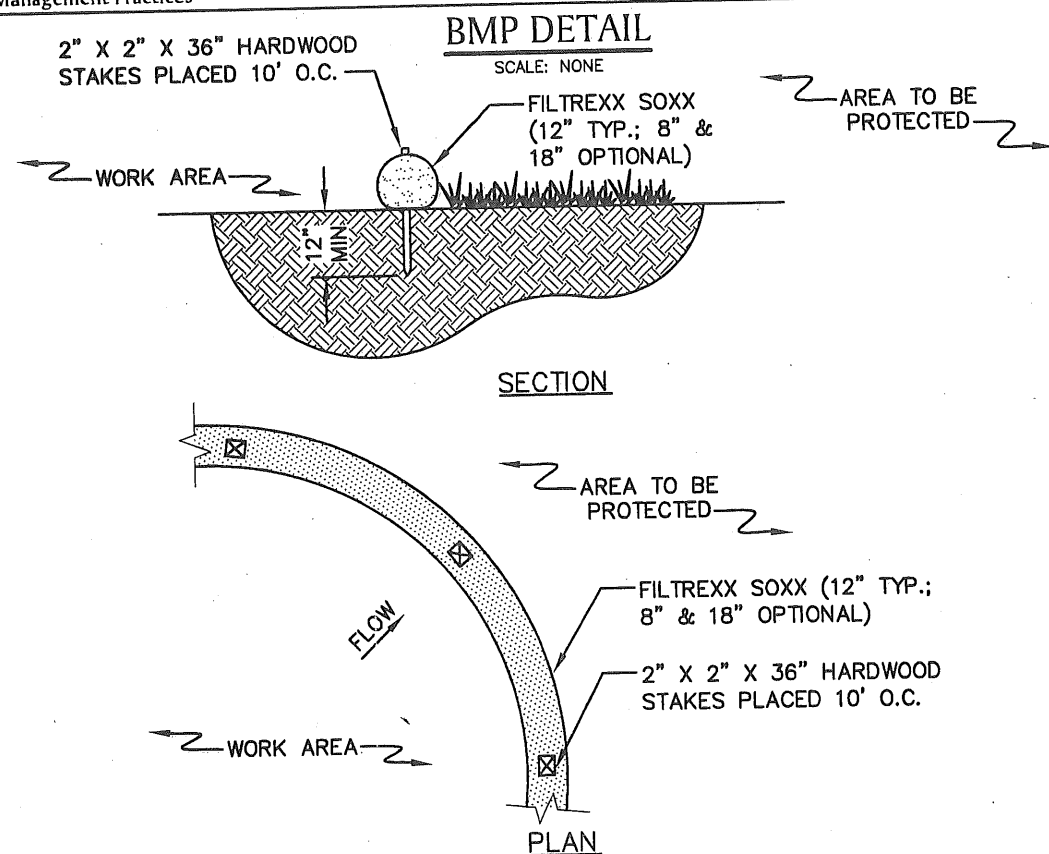
BMP PICTURE



SEC-3
SILT FENCE /
WEED FREE BARRIER

SUBJECT
Access, Maintenance and Construction
Best Management Practices

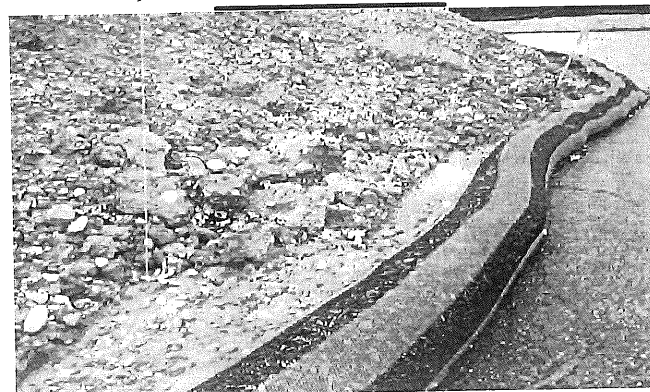
Reference
EP No. 3 - Natural Resource
Protection (Chapter 6)



NOTES

1. PRODUCT TO BE FILTREXX SILT SOXX OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS.
3. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
4. MESH CONTAINMENT MATERIAL SHOULD BE KNITTED PHOTODEGRADABLE OR BIODEGRADABLE MATERIAL, WITH OPENING SIZES BETWEEN 1/8" - 3/8".
5. COMPOST MEDIA SHOULD HAVE PARTICLE SIZE WHERE 99% < 2", 50% > 1/2".
6. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.

BMP PICTURE



* PICTURE AND DETAIL PROVIDED BY FILTREXX LAND IMPROVEMENT SYSTEMS
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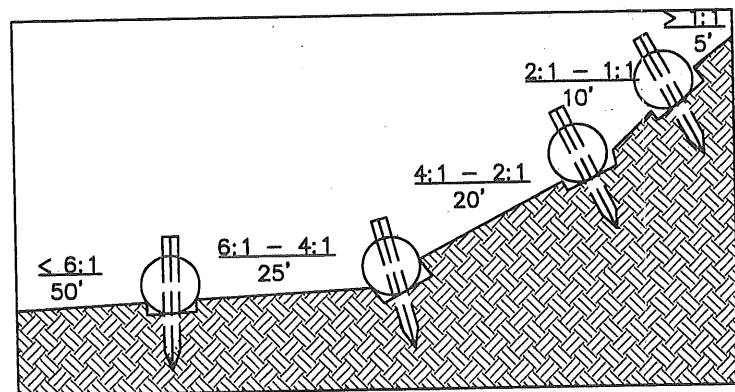
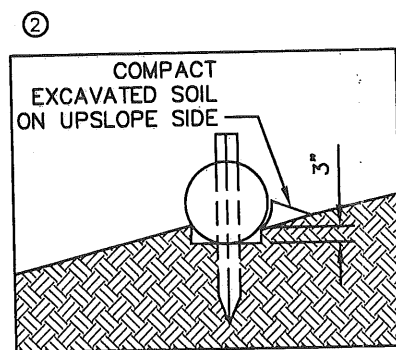
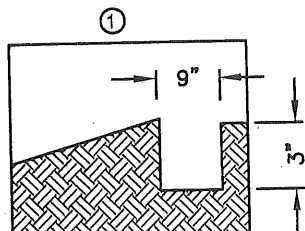
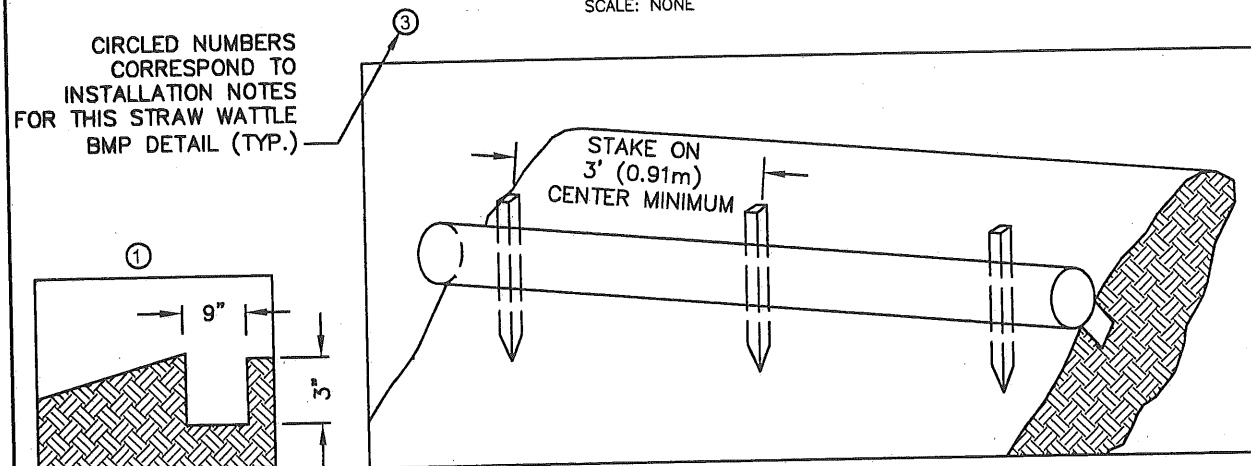
SEC-4
SILT SOXX *

SUBJECT
Access, Maintenance and Construction
Best Management Practices

Reference
EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP DETAIL

SCALE: NONE



TYPICAL WATTLE SPACING DETAIL

NOTES:

1. PRODUCT TO BE TENSAR NORTH AMERICAN GREEN STRAW WATTLE OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. TYPICAL WATTLE SPACING BASED ON SLOPE GRADIENT. COORDINATE SPACING AND LOCATION WITH NATIONAL GRID ENVIRONMENTAL SCIENTIST.
3. MINIMUM 12" DIAMETER WATTLES SHOULD BE USED FOR HIGHLY DISTURBED AREAS (I.E., HEAVILY USED ACCESS ROAD WITH ADJACENT WETLAND) AND MINIMUM 9-10" WATTLES SHOULD BE USED FOR LESS DISTURBED SOILS.

INSTALLATION NOTES:

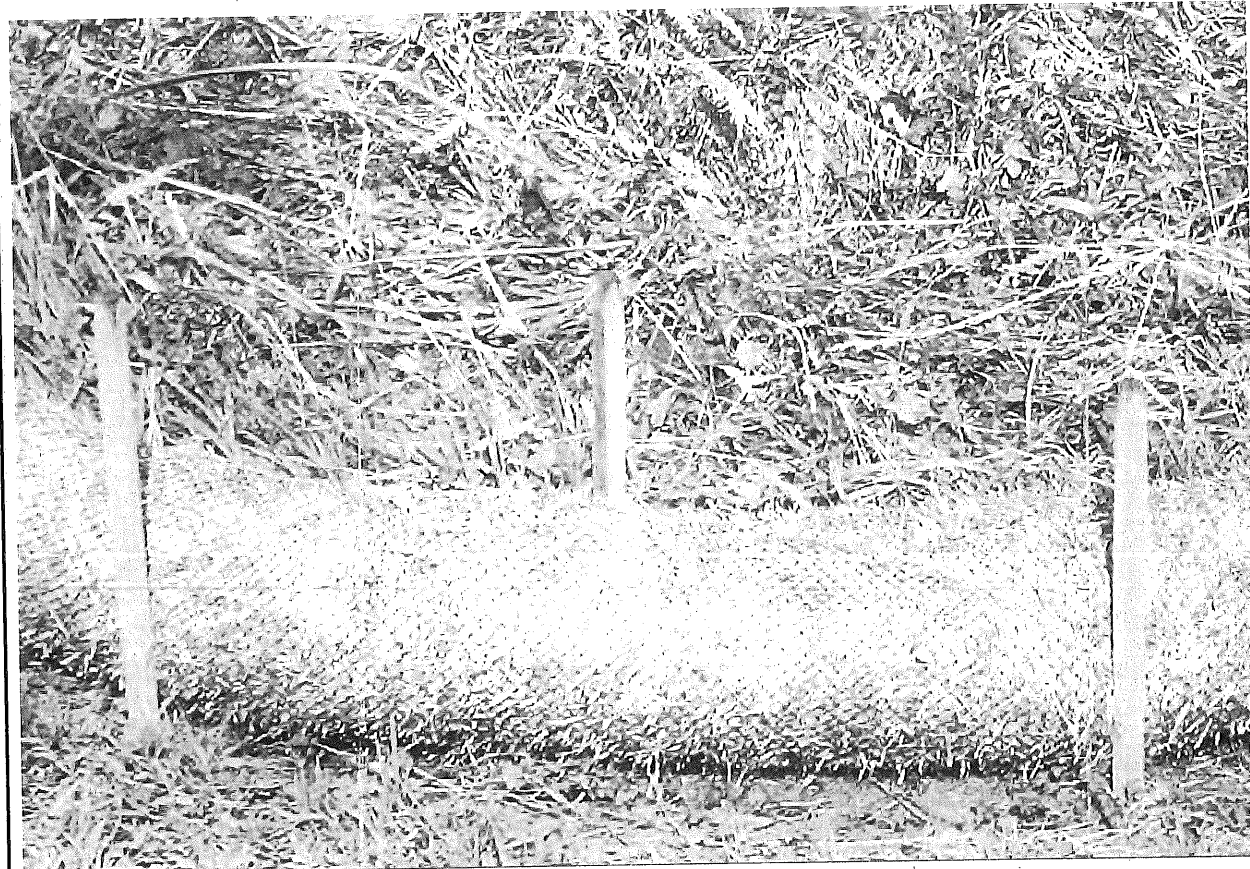
1. BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2-3" DEEP X 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UPSLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
3. SECURE THE WATTLE WITH 18-24" HARDWOOD STAKES EVERY 3-4' AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2-3" OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.

* DETAIL AND PICTURE PROVIDED BY TENSAR NORTH AMERICAN GREEN
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VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.

SEC-5
STRAW WATTLE * (1 OF 2)

nationalgrid ENVIRONMENTAL GUIDANCE	Doc. No.	EG-303NE
	Page: 7-6	Rev. No. 4
	Date	02/20/18
SUBJECT Access, Maintenance and Construction Best Management Practices	Reference EP No. 3 - Natural Resource Protection (Chapter 6)	

BMP PICTURE



STRAW WATTLE – SHALLOW SLOPE ($\leq 4:1$)
(ALTERNATE STAKING)

ALTERNATE STAKING INSTALLATION NOTES:

1. ON SHALLOW SLOPES ($\leq 4:1$), STRAW WATTLE MAY BE SECURED WITH 18–24" HARDWOOD STAKES DRIVEN AGAINST THE SIDES OF THE WATTLE INSTEAD OF THROUGH. STAKES SHALL ALTERNATE SIDES, AND BE SPACED 3–4' MAX.
2. TWINE SHALL BE TIED FROM STAKE TO STAKE, CRISS-CROSSING THE STRAW WATTLE. TIE TWINE TO STAKES BELOW THE HEIGHT OF THE WATTLE.

♦ DETAIL AND PICTURE PROVIDED BY TENSAR NORTH AMERICAN GREEN
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SEC-5
 STRAW WATTLE * (2 OF 2)

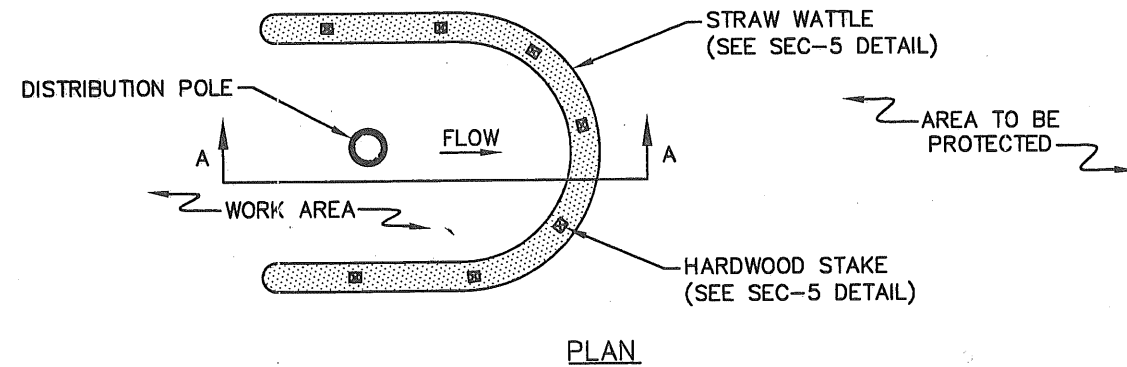
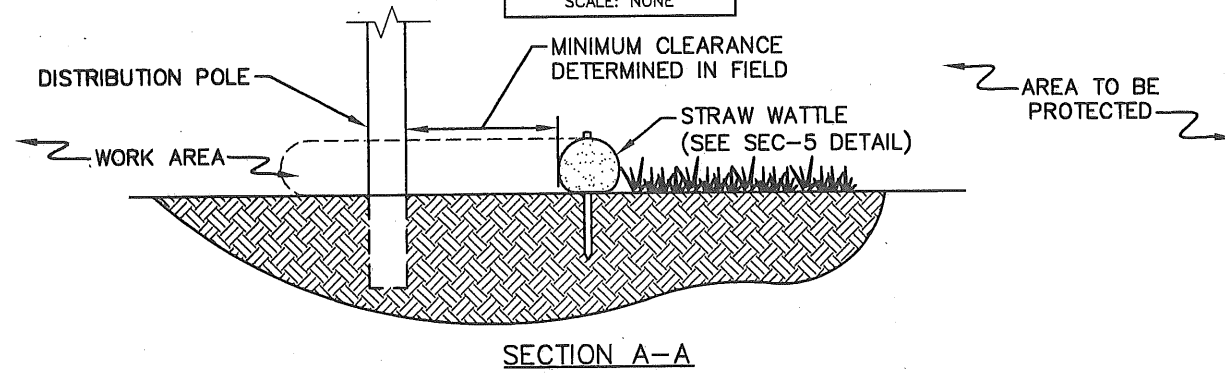
File: Straw_Wattle.dwg

SUBJECT
Access, Maintenance and Construction
Best Management Practices

Reference
EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP DETAIL

SCALE: NONE



NOTES

1. PRODUCT TO BE STRAW WATTLE OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST (SEE SEC-5 BMP DETAIL).
2. STRAW BALE BARRIER PER SEC-1 BMP DETAIL TO BE AN AVAILABLE ALTERNATE DEPENDING ON SITE CONDITIONS AT THE DIRECTION OF NATIONAL GRID ENVIRONMENTAL SCIENTIST (SEE FIGURE 2).
3. MINIMUM CLEARANCE BETWEEN POLE AND EROSION CONTROL TO BE DETERMINED BY CONDITIONS OF POLE INSTALLATION/REPLACEMENT WORK AND ASSOCIATED DISTURBANCE.

BMP PICTURE

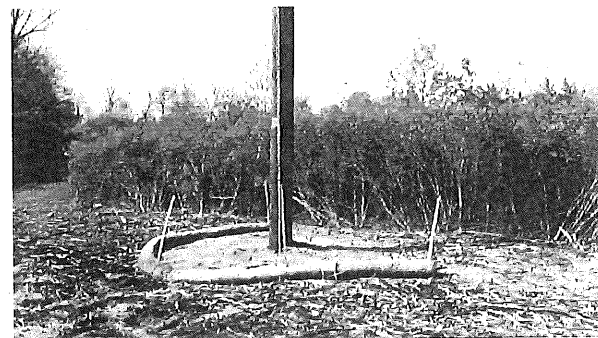


FIGURE 1: TYP. STRAW WATTLE APPLICATION



FIGURE 2: ALT. STRAW BALE APPLICATION

SEC-12
DISTRIBUTION POLE
SEDIMENT CONTROL

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nationalgrid ENVIRONMENTAL GUIDANCE	Doc. No.	EG-303NE
	Page: 7-13	Rev. No. 4
	Date	02/20/18
SUBJECT Access, Maintenance and Construction Best Management Practices	Reference EP No. 3 - Natural Resource Protection (Chapter 6)	

UPLAND ROW RESTORATION MIX – GENERAL

Species Composition Options:

- Andropogon gerardii; Niagra Big Bluestem
- Schizachyrium scoparium; Little Bluestem
- Elymus Canadensis; Canada Wild Rye
- Elymus virginicus; Virginia Wildrye
- Lolium multiflorum; Annual Ryegrass
- Sorghastrum nutans; Indiangrass
- Chamaecrista fasciculata; Partridge Pea
- Desmodium canadense; Showy Tick Trefoil
- Heliopsis helianthoides; Ox-Eye Sunflower
- Panicum virgatum; Switchgrass
- Rudbeckia hirta; Black Eyed Susan
- Poa palustris; Fowl Bluegrass
- Agrostis perennans; Upland Bentgrass
- Agrostis alba; Redtop
- Festuca rubra; Red Fescue
- Lotus corniculatus; Birds-Foot Trefoil
- Chrysanthemum leucanthem; Ox-Eye Daisy
- Aster novae-angliae; New England Aster

Example Seed Mixes:

1. Native Upland wildlife forage and Cover Meadow Mix – Ernst Conservation Seeds (ERNMX-123)
2. Eastern Ecotype Native Grass Mix– Ernst Conservation Seeds (ERNMX-177)
3. New England Native Warm Season Grass Mix – New England Wetland Plants, Inc.
4. New England Logging Road Mix – New England Wetland Plants, Inc.
5. Northeast Upland Wildflower/Restoration Erosion Mix – Southern Tier Consulting (STCMX-2)

UPLAND ROW RESTORATION MIX – DRY/ROCKY SITES

Species Composition Options:

- Festuca rubra; Red Fescue
- Schizachyrium scoparium; Little Bluestem
- Elymus Canadensis; Canada Wild Rye
- Bouteloua gracilis; Blue Grama
- Lolium multiflorum; Annual Ryegrass
- Lolium perenne; Perennial Ryegrass
- Agrostis scabra; Rough Bentgrass
- Agrostis perennans; Upland Bentgrass
- Sorghastrum nutans; Indiangrass

Example Seed Mixes:

1. New England Erosion Control/ Restoration Mix for Dry Sites – New England Wetland Plants, Inc.
2. Ernst Conservation Seeds and similar companies can create a custom seed mix matching the composition above (with site specific additions if necessary).

File: Seeding_Options.dwg

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SEC-10
SEEDING OPTIONS -
UPLAND SEED MIXES

Attachment E

Pole 17-1 Relocation
Main Street, Sturbridge, MA
Request for Determination of Applicability
BEST MANAGEMENT PRACTICES

Parcel ID	Owner	Owner Address	Owner City	State	Zip	Property Address
415-02345-669	BELANGER ALBERT A	669 MAIN STREET	FIKSDALE	MA	01518	669 MAIN STREET
415-02336-658	CHACHARONE NICHOLAS D	1 WEST BOYLSTON STREET	WORCESTER	MA	01605	658 MAIN STREET
415-02345-673	LAKE ADAM	673 MAIN STREET	STURBRIDGE	MA	01566	673 MAIN STREET
415-02335-660	OLD ROAD REALTY LLC	1 WEST BOYLSTON STREET	WORCESTER	MA	01605	660 MAIN STREET
415-02344-682	PRAMUKHRAJ REALTY INC	682 MAIN STREET	STURBRIDGE	MA	01566	682 MAIN STREET
415-02345-655	QUINN DAVID S	P.O. BOX 265	FIKSDALE	MA	01518	655 MAIN STREET
415-02346-657	SANDSTROM STEPHEN P JR	657 MAIN STREET	FIKSDALE	MA	01518	657 MAIN STREET
	BOARD OF ASSESSORS					
Above persons listed are record owners as they appear on the most recent applicable tax list.						
Assessors are not responsible for errors or omissions. RE: M.G.L. - Chapter 40A, Section 11						
Abutters List - Conservation Commission - 200'						
RE: 665 MAIN STREET						
Certified Copy						
Assessor: <i>John P. Murphy</i>						
Date: <i>5-6-19</i>						

415-02345-669
BELANGER ALBERT A
669 MAIN STREET
FISKDALE, MA 01518

415-02336-658
CHACHARONE NICHOLAS D
1 WEST BOYLSTON STREET
WORCESTER, MA 01605

415-02345-673
LAKE ADAM
673 MAIN STREET
STURBRIDGE, MA 01566

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BELANGER ALBERT A
669 MAIN STREET
FISKDALE, MA 01518



Town of Sturbridge

Conservation Commission

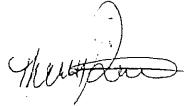
STURBRIDGE CONSERVATION COMMISSION AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act and the Town of Sturbridge Wetland Bylaws
I, Theresa Portante, hereby certify under the pains and penalties of perjury
that on (date) 6/26/19, I gave notification to abutters in compliance with the
second paragraph of the Massachusetts General Laws Chapter 131, § 40, and the DEP Guide to
Abutter Notification as well as the Town of Sturbridge Wetland Bylaws, in connection with the
following matter:

- A Notice of Intent OR
- A Request for Determination OR
- An Abbreviated Notice of Resource Area Delineation

was filed under the Massachusetts Wetlands Protection Act and the Town of Sturbridge Bylaws,
by MECO with the Sturbridge Conservation Commission
on (date) 6/25/19 for the property located at
within road layout near 657/665 Main Street

The form of the Notification and a list of abutters to whom it was given and their addresses are
included in the application file.


6/26/19
(signature of applicant) (date)

Theresa Portante
(name of applicant-printed or typed)

F:\Home\CONSERVATION\Forms\Affidavit of Service.doc



Town of Sturbridge

Conservation Commission

Notification to Abutters under the MA Wetlands Protection Act and the Town of Sturbridge Wetland Bylaw Regulations

In accordance with the second paragraph of Massachusetts General Laws, Chapter 131, § 40, as well as the Town of Sturbridge Wetland Bylaws, you are hereby notified of the following permit application for work within a wetland resource area and/or within the 200-foot buffer zone to a resource area:

- A. The name of the applicant is: MECO
- B. The address of the lot(s) where the activity is proposed is: ROW near 657 and 665 Main St
- C. The nature of the activity proposed includes: utility pole relocation
- D. The applicant has filed the following in accordance with the Wetlands Protection Act (MGL c. 131, § 40), and/or the Town of Sturbridge Wetland Bylaws.
- Notice of Intent seeking permission to conduct work within a wetland, water body or resource area
 - Request for Determination seeking permission to conduct work within a buffer zone to a wetland, waterbody or resource area
 - Abbreviated Notice of Resource Area Delineation seeking to confirm the wetland resource area boundaries.
 - Request to amend an existing Order of Conditions for DEP File #300-_____
- E. Copies of the application may be examined at the Sturbridge Conservation Department, 301 Main Street, Center Office Building, Sturbridge, MA between the hours of **9:00 a.m. – 3:30 p.m. Monday through Friday.** Additional times may available by appointment. Please call ahead to check for availability. (508) 347-2506
- F. Copies of the application may be obtained from either the applicant: _____ or the applicant's representative: Theresa Portante, by calling telephone # 617-896-4509 on the following days of the week: M-F between the hours of 7:30 and 4:30.

**The Public Hearing for this application will be held in the Center Office Building, 301 Main Street,
2nd Floor on July 16 at 6:00 pm.**

PLEASE NOTE: Notice of this Public Hearing will be published as follows:

- In The Southbridge Evening News at least five days in advance of the hearing
- In the Town Hall at the Town Clerks office, not less than 48 hours in advance of the hearing
- On the Town's Meeting Calendar not less than 48 hours in advance of the hearing (www.town.sturbridge.ma.us)
- On the Conservation Commission webpage not less than 48 hours in advance of the hearing

You may contact the Sturbridge Conservation Commission Office (508) 347-2506 or the Department of Environmental Protection Central Regional Office at 508-792-7650 with questions in regards to the Notice of Intent application process or the Wetlands Protection Act.