

**FEES:**

Application \$150.00

Public Notice: 75.00 per submission

Abutters @ _____ X \$7.00 each= _____

Other _____

Total Received: \$ _____ Cash _____ Check# _____

Date Received _____

SECTION 9.6 APPLICATION FOR SPECIAL PERMIT FOR CONSTRUCTION IN WETLAND BUFFER

TOWN OF BARRINGTON**PO Box 660; 333 Calef Highway
Barrington, New Hampshire 03825**

A SPECIAL USE PERMIT allows the Town of Barrington to consider special uses which may be essential or desirable to a particular community, but which are not allowed as a matter of right within a wetlands buffer in the Wetlands Protection District Overlay, but rather only by a special use permit. A public hearing is required.

Is the proposed use permitted by right in the appropriate base zoning district? (See Table 1, Table of Uses, located in the town zoning ordinance)

-If yes, then proceed with the below criteria for a Special Use Permit pursuant to Section 9.6.

-If, on the other hand, the proposed use requires a conditional use permit, a special exception, or a variance, you must obtain that permit or approval before seeking a Special Use Permit pursuant to Section 9.6.

This application applies only to uses proposed in the Wetlands Protection District Overlay that violate the required wetland buffer. There is a separate application for a Conditional Use Permit pursuant to Section 3.4, which is also available in the town Land Use Office.

Is the proposed use related to a Site Plan or Subdivision Application? Yes ☒ No ☐

Name of Project Proposed 2 Lot Subdivision

Address of Property 228 Merry Hill Rd, Barrington, NH

Tax Map 257 Lot 23&23-1 Zoning District(s) Gen. Res. Overlay _____ Total Area of Site 46.33 Ac.

Name of Applicant/Agent Christopher R. Berry, Berry's Surveying & Engineering

Mailing Address of Applicant/Agent 335 Second Crown Point Rd. Barrington, NH 03825

Telephone: 332-2863 Email: CRBerry@metrocast.net

Fax: _____

Name of Property Owner John R. & Pamela P. Bingham

Mailing Address of Property Owner PO Box 738, Barrington, NH 03825

Telephone: 603-973-9798 Email: _____

Fax: _____

Letter of Authorization Provided _____

Signature of Owner _____

Deed Provided _____

Revised 5/22/13

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MAR 15 2016
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Describe in detail all existing uses and structures on the subject property (You may attach a separate typed sheet):

Size of Impact _____

Describe in detail all proposed uses, structures, construction, or modifications requiring a Special Use Permit.

Describe in detail how the following standards of the Town of Barrington Zoning Ordinance under Section 9.6 "Special Permit for Construction in a Wetlands Buffer" have been satisfied by your proposal. (You may attach a separate sheet.)

1. The proposed use is in keeping with the intent and purposes set forth in the zoning ordinance as permitted in the base zoning district (See Table 1, Table of Uses, located in the zoning ordinance). If the base zoning district requires a conditional use permit or special exception for the proposed use, one must already have been obtained; or if the proposed use is not listed on the Table of Uses or is listed but not permitted, one must already have obtained a variance.

2. After a review of all reasonable alternatives, it is determined to be infeasible to place the proposed structure or use outside of the buffer zone.

3. The proposed structure or use must be set back as far as possible from the delineated edge of the wetland or surface water.

4. Appropriate erosion control measures must be in place prior to and during construction.

5. Any disturbance to the surrounding buffer zone must be repaired and restored upon completion of construction.

6. All available mitigation measures to address changes in water quality and quantity be implemented, along with design and construction methods to minimize adverse impacts, if required by the Planning Board.

Statement of Assurance and Agreement:

I hereby certify that to the best of my knowledge this submitted application information is true and correct. All proposed development will be in conformance with the information contained on the application and in the approved plan as well as the provisions of the Town of Barrington ordinances and regulations.

The Owner/Agent, by filing an application, hereby grants permission for members of the Board and staff to enter onto the subject property for the purposes of this review.

Applicant/Agent Signature

Date

3-15-16

Owner Signature

Date

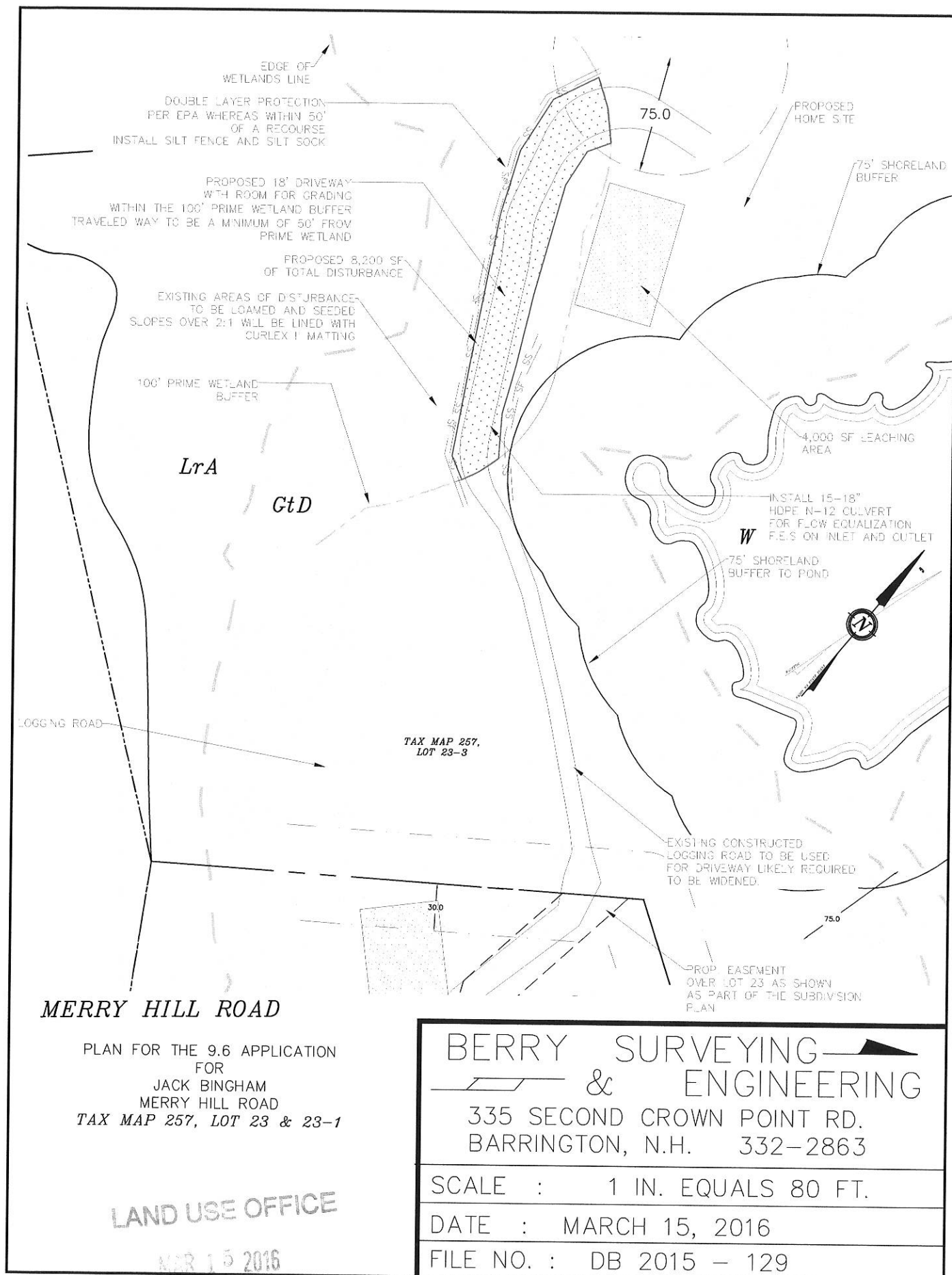
3-15-16

Owner Signature

Date

Staff Signature

Date



E1 **SILT FENCE DETAIL**
N.T.S.

SILT FENCE CONSTRUCTION SPECIFICATIONS

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES AND FILTER CLOTH SHALL BE FASTENED TO WOVEN WIRE EVERY 24" AT TOP MID AND BOTTOM SECTIONS AND BE EMBEDDED INTO GROUND A MINIMUM OF 8" THE FENCE POSTS SHALL BE A MINIMUM 48" LONG, SPACED A
- MAXIMUM 10' APART, AND DRIVEN A MINIMUM OF 16" INTO THE GROUND WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER.
- THE ENDS OF THE FABRIC SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEDIMENT FROM BY-PASSING MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT
- REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE AND PROPERLY DISPOSED OF PLACE THE ENDS OF THE SILT FENCE UP CONTOUR TO PROVIDE
- FOR SEDIMENT STORAGE SILT FENCES SHALL BE REMOVED WHEN NO LONGER NEEDED AND 6. THE SEDIMENT COLLECTED SHALL BE DISPOSED AS DIRECTED BY THE ENGINEER. THE AREA DISTURBED BY THE REMOVAL SHALL BE SMOOTHED AND RE-VEGETATED

SILT FENCE MAINTENANCE

- SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME
- INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT.
- THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE
- FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

E5 **STABILIZED CONSTRUCTION ENTRANCE**
N.T.S.

PLAN VIEW

- STONE FOR A STABILIZED CONSTRUCTION ENTRANCE SHALL BE 1 TO 2 INCH STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
- THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
- THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
- THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN THE FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICHEVER IS GREATER.
- GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE. FILTER CLOTH IS NOT REQUIRED FOR A SINGLE FAMILY RESIDENTIAL LOT.
- ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED PROMPTLY.

WINTER STABILIZATION NOTES

- All disturbed areas that do not have at least 85% vegetative coverage prior to October 15th, shall be stabilized by applying mulch at a rate of 3-4 tons per acre. All side slopes, steeper than 4:1, that are not directed to swales or detention basins, shall be lined with biodegradable/photodegradable "jute matting" (Excelsior's Cuxell II or equal). All other slopes shall be mulched and tacked at a rate of 3-4 tons per acre. The application of mulch and/or jute matting shall not occur over existing snow cover. If the site is active after November 15th, any snow that accumulates on disturbed areas shall be removed. Prior to spring thaw all areas will be stabilized, as directed above.
- All swales that do not have fully established vegetation shall be either lined with temporary jute matting or temporary stone check dams (appropriately spaced). Stone check dams will be maintained throughout the winter months. If the swales are to be matted with permanent liners or riprap with engineering fabric, this shall be completed prior to winter shutdown or as soon as they are properly graded and shaped.
- Prior to Nov. 15th all roadway and parking areas shall be brought up to and through the bank run gravel application. If these areas' elevations are proposed to remain below the proposed subgrade elevation, the subgrade material shall be roughly crowned and a 3" layer of crushed gravel shall be placed and compacted. This will allow the subgrade to shed runoff and will reduce roadway erosion. This crushed gravel does not have to conform to NH DOT 304.3, but shall have between 15-25% passing the #200 sieve and the largest stone size shall be 2". If the site is active after November 15th, any accumulated snow shall be removed from all roadway and parking areas.
- After October 15th, the end of New Hampshire's average growing season, no additional loam shall be spread on side slopes and swales. The stockpiles that will be left undisturbed until spring shall be seeded by this date. After October 15th, any new or disturbed piles shall be mulched at a rate of 3-4 tons per acre. All stockpiles that will remain throughout the winter shall be surrounded with silt fencing.

E2

SILT FENCE/HAYBALE BARRIER DETAIL
THIS METHOD TO BE USED ALONG THE REAR OF THE PROPERTY

E6 **EROSION CONTROL MIX BERM**

EROSION CONTROL MIX BERM

CONSTRUCT AT ANGLE OF REPOSE

1'-0" MIN.

2'-0" MIN.

EXISTING GRADE

LINE DRAIN

IF CONDITIONS ALLOW

EROSION CONTROL MIX

EROSION CONTROL MIX BERM SHALL BE USED ONLY AS FOLLOWS:

- BERMS SHALL BE USED IN AREAS WHERE EROSION WILL OCCUR ONLY IN THE FORM OF SURFACE FLOW AND THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR DRAINAGE WAY ABOVE THE BERM.
- THE BERM SHALL BE INSTALLED FOLLOWING THE CONTOUR OF THE LAND AS CLOSELY AS POSSIBLE.
- THE BERM SHALL BE INSTALLED ON SLOPES LESS THAN 5%.
- SUBJECT TO ITEM 10, THE MIX SHALL HAVE AN ORGANIC PORTION BETWEEN 50 AND 100% DRY WEIGHT BASIS, AND BE FIBROUS AND FLOCCULATED SUCH AS FIRM SHEPHERD BARK, SLUMP GRADING, COMPOST BARK, OR EQUIVALENT MANUFACTURED PRODUCT.
- WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS, OR RECYCLED WOOD PRODUCTS SHALL NOT BE USED AS ORGANIC MATERIAL.
- THE MIX SHALL NOT CONTAIN SILT, CLAY, OR FINE SANDS.
- THE MIX SHALL HAVE A PARTICLE SIZE BY WEIGHT OF 50 TO 250 PASSING A 6-INCH SIEVE AND A MAXIMUM OF 80% PASSING THE 0.075-MM SIEVE.
- THE MIX SHALL BE BETWEEN 5.0 AND 8.0.
- THE BERM SHALL BE AT LEAST 12 INCHES HIGH AND AT LEAST 2 FEET WIDE.

E10

SILT FENCE/HAYBALE BARRIER DETAIL
THIS METHOD TO BE USED ALONG THE REAR OF THE PROPERTY

E3

SILT SOXX/SILT FENCE DETAIL
NOT TO SCALE

E7

SILT FENCE/HAYBALE BARRIER DETAIL
THIS METHOD TO BE USED ALONG THE REAR OF THE PROPERTY

E11

SILT FENCE/HAYBALE BARRIER DETAIL
THIS METHOD TO BE USED ALONG THE REAR OF THE PROPERTY

E4

HAYBALE CHECK DAM DETAIL
NOT TO SCALE

E8 **TEMPORARY EROSION CONTROL MEASURES**

- THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME
- EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND AT LOCATIONS AS REQUIRED, DIRECTED BY THE ENGINEER
- ALL DISTURBED AREAS SHALL BE RETURNED TO ORIGINAL GRADES AND ELEVATIONS. DISTURBED AREAS SHALL BE LOAMED WITH A MINIMUM OF 4" OF LOAM AND SEEDED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREA. (SEE SEED SPECIFICATIONS E102)
- 3a. ALL DISTURBED AREAS WILL BE RESTABILIZED WITHIN 60 DAYS. AT ANY ONE TIME, NO MORE THAN 5 ACRES, (217,800 Sq. Ft.) WILL BE DISTURBED.
- SILT FENCES AND STRAW OR HAY BALES BARRIERS SHALL BE INSPECTED PERIODICALLY AND AFTER EVERY RAIN DURING THE LIFE OF THE PROJECT. ALL DAMAGED AREAS SHALL BE REPAIRED, SEDIMENT DEPOSITS SHALL PERIODICALLY BE REMOVED AND DISPOSED OF.
- AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND THE AREA DISTURBED BY THE REMOVAL SMOOTHED AND RE-VEGETATED
- PER THE EPA REQUIREMENTS THERE WILL BE A LOG OF THE EROSION CONTROL INSPECTIONS EVERY 7-14 DAYS PLEASE FIND SWPPP PREPARED BY BS&E (AFTER LOCAL APPROVAL)
- DITCHES, SWALES, AND BASINS SHALL BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
- ALL EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER 0.5" OR GREATER RAIN EVENT

E-101

LAND USE OFFICE

MAR 15 2016

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9.6 BUFFER PLAN

JACK BINGHAM
MERRY HILL ROAD
BARRINGTON, N.H.
TAX MAP 257, LOT 23 & 23-1

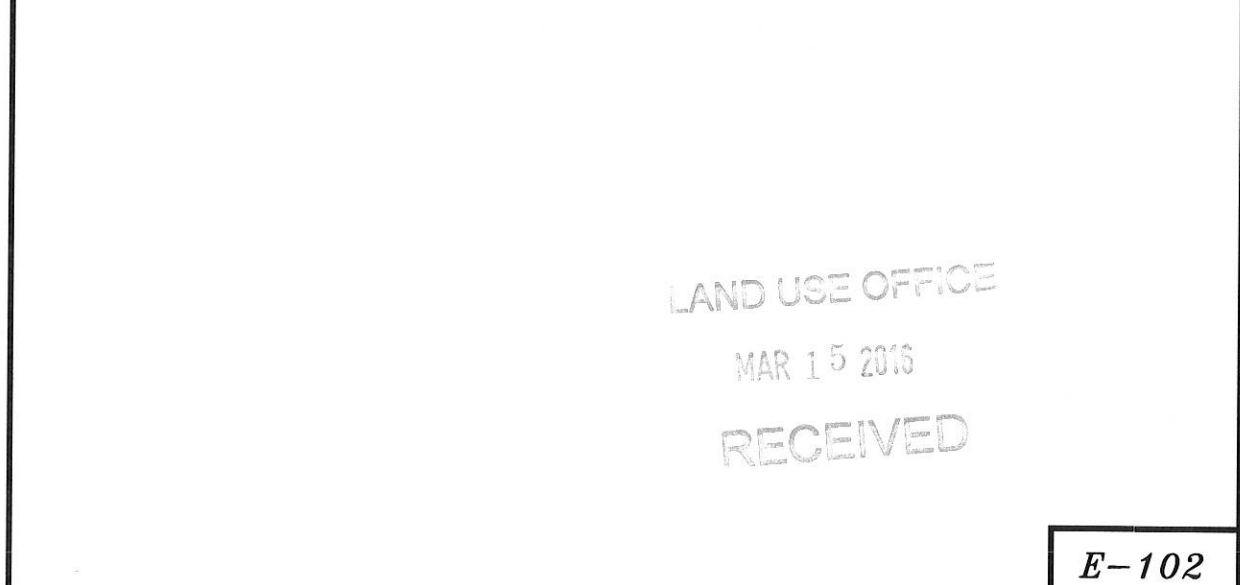
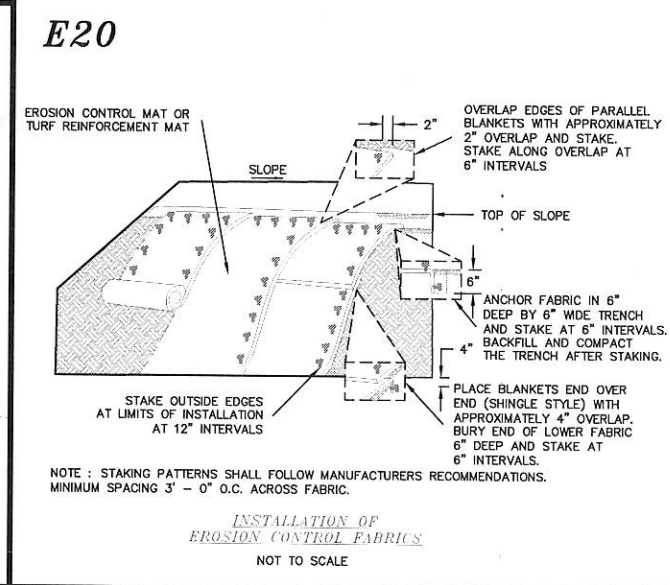
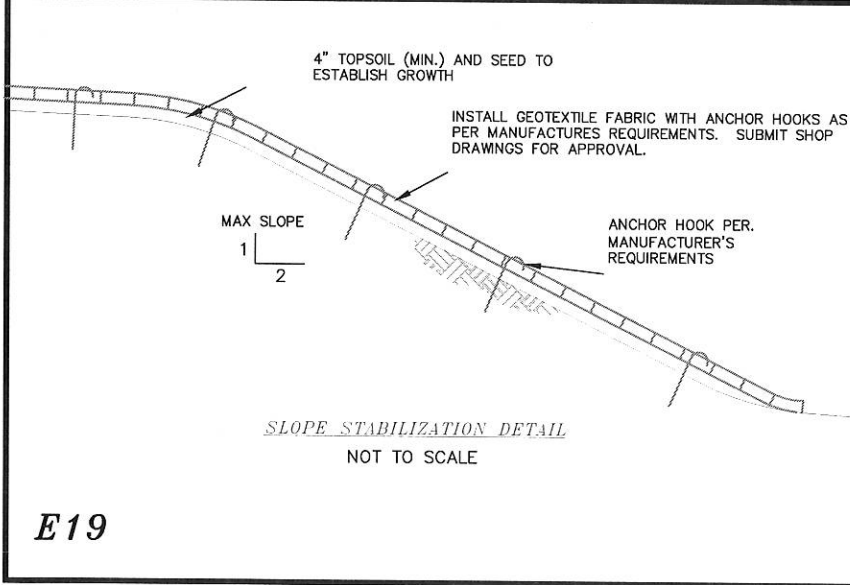
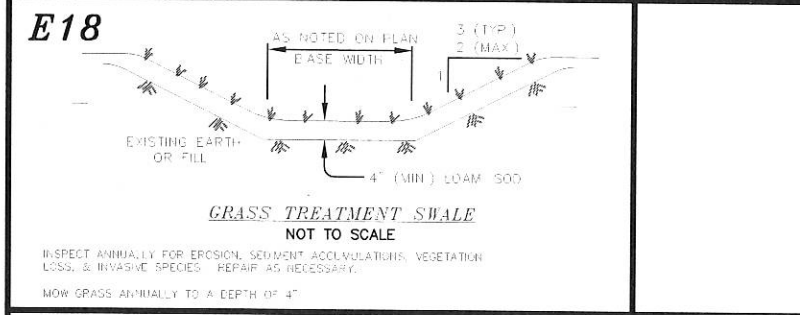
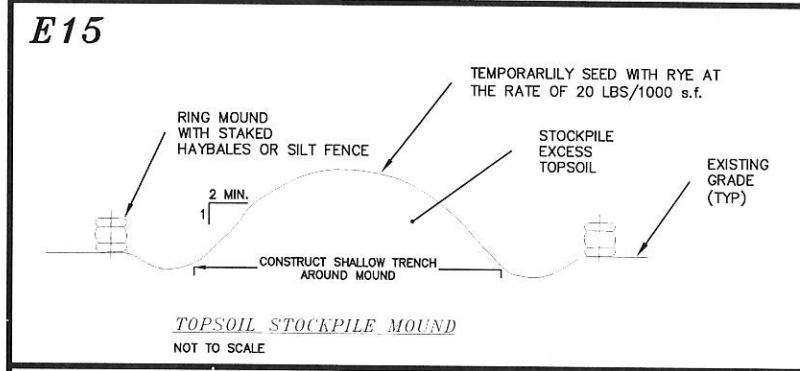
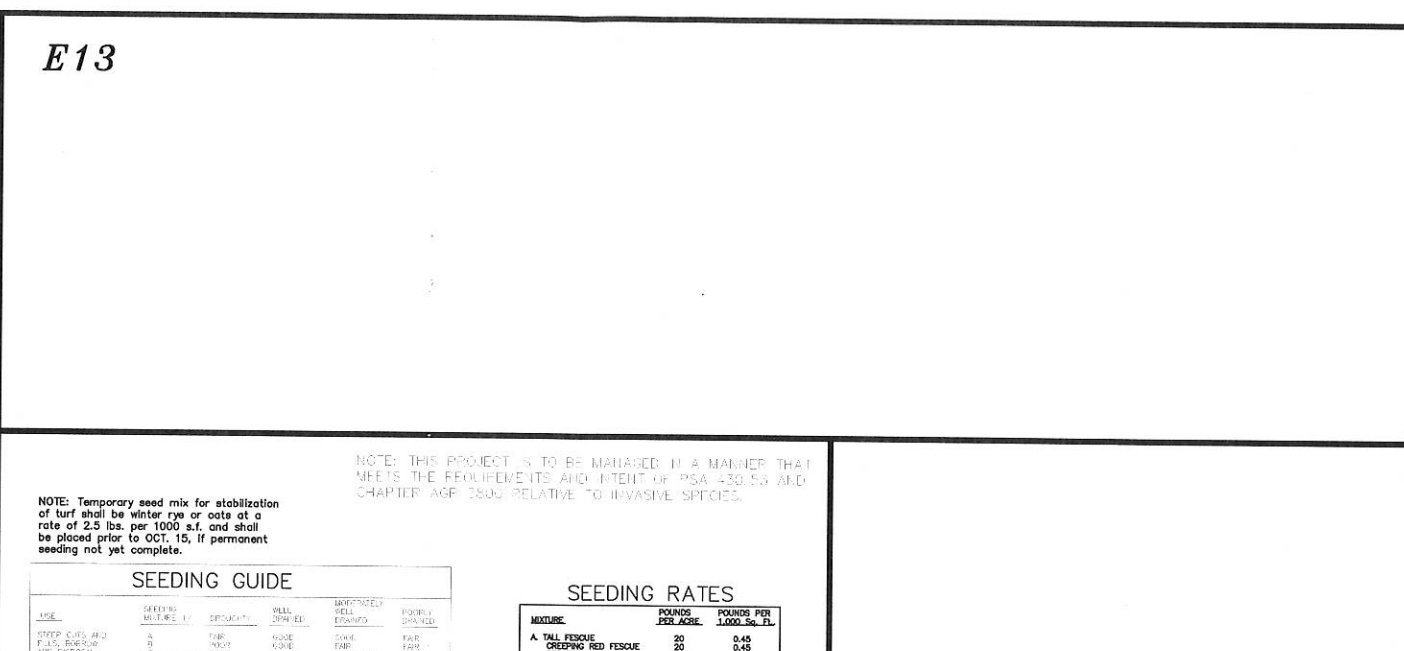
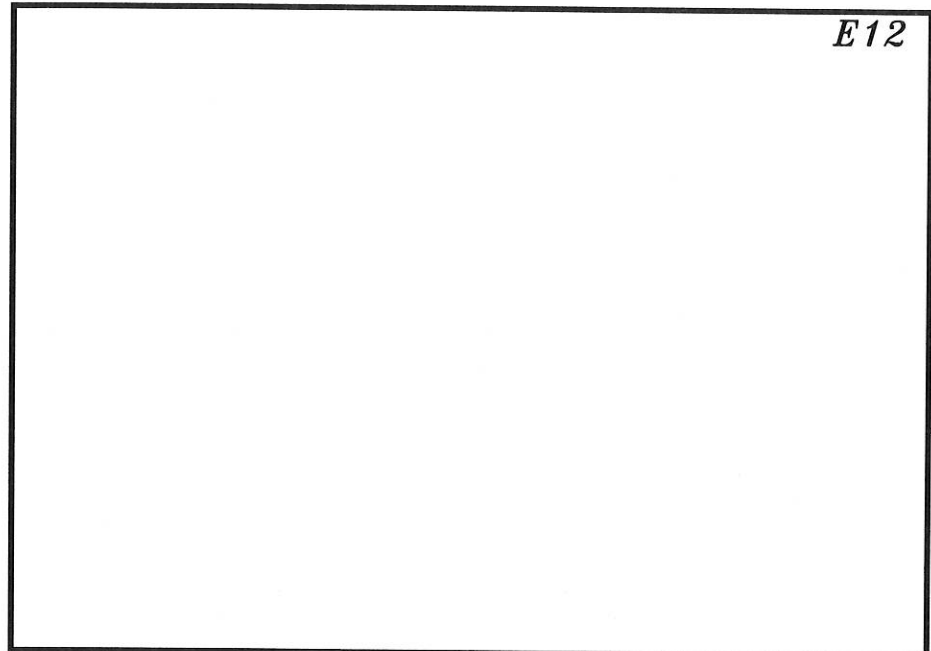
BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (332-2863)

DATE: MARCH 15, 2016
FILE NO.: DB 2015-129

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

REVISION DATE DESCRIPTION

PAGE 2 OF 3



9.6 BUFFER PLAN FOR JACK BINGHAM MERRY HILL ROAD BARRINGTON, N.H. TAX MAP 257, LOT 23 & 23-1

REVISION	DATE	DESCRIPTION

BERRY SURVEYING & ENGINEERING
335 SECOND CROWN POINT ROAD
BARRINGTON, NH 03825 (332-2863)

SCALE: AS MARKED
DATE: MARCH 15, 2016
FILE NO.: DB 2015-129

STATE OF NEW HAMPSHIRE
KENNETH A. BERRY
No. 14243
LICENSED PROFESSIONAL ENGINEER

PAGE 3 OF 3