

Forest Cutting Plan

and Notice of Intent under M.G.L.
Chapter 132 – The Forest Cutting
Practices Act, 304 CMR 11.00
(Effective Date: 3/15/16)

For DCR Use Only:

File Number 154-33982-23 Case No. 154-36
Date Rec'd 7-29-22 Nat. Hert. NO
Earliest Start 8-15-22 Pub. Dr. Wat. NO
River Basin Connecticut ACEC NO
Gen. Obj. LT

Location

Town *Leverett / Shutesbury
Road Number Six Road
Acres 185 Proposed Start Date Aug. 15, 2022
Vol. MBF 430 Vol. Cds. 350 Vol. Tons 250

Plan Preparer

Name Shane R. Bajnoci
Address PO Box 9677
Town, State, Zip N. Amherst, MA, 01059
Phone (413) 539-1741
Type of Preparer LF
*Mass. Forester License # 8
*Required for land under Ch61, Ch61A or Forest Stewardship

Landowner

Name W.D. Cows, Inc.
Mailing Address PO Box 9677
Town, State, Zip N. Amherst, MA, 01059
Phone 413-539-1741
Ch61 ☒ 61A ☐ 61B ☐ Stew ☒ *Case # 154-36
FSC ☐ CR ☒ CR Holder MA DFW

Licensed Timber Harvester**

Name _____
Address _____
Town, State, Zip _____
Phone _____
Mass. Lic. Harvester # _____
**This information may be supplied after the plan is approved, but before work begins.

Stream Crossings

| Indicate location on map | SC-1 | SC-2 | SC-3 | SC-4 |
|--------------------------|------|------|------|------|
| Type of Crossing | CU | | | |
| Existing Structure | YES | | | |
| Type of Bottom | ST | | | |
| Bank Height (ft) | 2-3' | | | |
| Stabilization | GR | | | |

Wetland Crossings

| Indicate location on map | WC-1 | WC-2 | WC-3 | WC-4 |
|--------------------------|------|------|------|------|
| Length of Crossing | | | | |
| Mitigation | | | | |
| Stabilization | | | | |

Filter Strips

| Indicate location on map | FS-1 | FS-2 | FS-3 | FS-4 |
|--------------------------|------|------|------|------|
| Width (50', 100', or VA) | VA | | | |

Harvesting in Wetlands

| Indicate location on map | HW-1 | HW-2 | HW-3 | HW-4 |
|---------------------------|------|------|------|------|
| Forest Type (see pg 2) | | | | |
| Acres to be Harvested | | | | |
| Resid. Basal Area (>50%?) | | | | |

Service Forester Comments

| Type of Preparer | Type of Crossing | Stabilization | Mitigation | Type of Bottom |
|--------------------|------------------|---------------|------------|----------------|
| LF Mass. Lic. For. | CU Culvert | SE Seed | FR Frozen | LE Ledge |
| TH Lic. Tim. Har | BR Bridge | MU Mulch | DR Dry | ST Stony |
| TB Timber Buyer | FO Ford | CO Corduroy | OT Other | MU Mud |
| LO Landowner | PO Poled | ST Stone | | GR Gravel |
| OT Other | OT Other | HB Hay Bales | | OT Other |
| | | OT Other | | |

Note:
Applicant must provide DCR with all relevant information before plan may be approved and cutting may begin. Some forestry activities, such as prescribed burning and pesticide or fertilizer application may require additional permits. Consult MA Forestry BMP Manual for further information.

Products to be Harvested*

| Species | Mbf/Cds | | Mbf/Cds |
|--------------|---------|-----------------------|---------|
| White Pine | 205 | Red Maple | 10 |
| Red Pine | | Sugar Maple | |
| Pitch Pine | | Red Oak | 175 |
| Hemlock | 15 | Black Oak | |
| Spruce | | White Oak | |
| Other Sftwd. | | Other Hdwd. | |
| White Ash | 10 | Total Mbf | 430 |
| Beech | | Cordwood (Cds) | 350 |
| White Birch | | SW Pulp (Tons) | 250 |
| B & Y Birch | 15 | HW Pulp (Tons) | |
| Black Cherry | | Chips (Tons) | |

*Note: Volumes indicated in the Plan are as reported by the plan preparer and have not been independently verified by the service forester upon approval. **Mbf** = thousand board feet.

Cutting Standards

| Indicate location on map | ST-1 | ST-2 | ST-3 | ST-4 |
|--------------------------|------|------|------|------|
| Forest Type | OH | WP | WO | |
| Acres | 75 | 60 | 50 | |
| Landowner Objective | LT | LT | LT | |
| Designation of Trees | LT | LT | LT | |
| Type of Cut | SH | SH | SH | |
| Source of Regeneration | SE | AD | AD | |

Landowner Signature

The most important information on a cutting plan is the Landowner's objective, as this will determine which trees will be harvested and which will remain; **this decision will also determine the future condition of the forest for decades to come.** After having read the Massachusetts Forest Cutting Plan Information Sheet on page one, indicate your objective by checking the appropriate box below.

☒ **LT - Long-term Forest Management**

Planned management of the forest to achieve one or more of the following objectives: produce immediate and maximize long-term income, enhance wildlife habitat, improve recreational opportunities, protect soil and water quality, or produce forest specialty products.

☐ **ST - Short-term Harvest**

Harvest of trees with the main intention of producing short-term income with minimal consideration given to improving the future forest condition, which often results in a forest dominated by poor quality and low value species.

I (we) have read the Massachusetts Cutting Plan Information Sheet, and am aware of my (our) management options.

I (we) hereby certify that I (we) have the legal authority to carry out the operation described above.

I (we) certify that I (we) have notified the Conservation Commission in the town in which the operation is to take place and the abutters of record within two hundred feet of the area to be harvested.

I (we) understand that the volumes in this plan have not been independently verified by the service forester upon approval and will report final values and volumes to the Director or his/her agent if the final figures differ from those reported.

W.D. COWLES, INC. S. R. Byrnie

Signature of landowner(s)

7.28.22

Date

Determination and Status

Approved ☒ Disapproved ☐ Expires 7/29/24

A. Hawchiff

Signature of Service Forester/Director's Agent

10.4.22

Date

Extension 1 ☐ 2 ☐ Expires / Ser. For. Ints. /

Amendment App 1 ☐ Dis 1 ☐ App 2 ☐ Dis 2 ☐ /

Final Report and Comments

I hereby certify that the afore described Forest Cutting Plan and all relevant statutes have been substantially complied with.

Signature of Service Forester/Director's Agent

Date

| Forest Types | | | | Designation of Trees | | | Type of Cut | | Source of Regeneration | | | | |
|--------------|------------|----|-------------|----------------------|-------------|---------------------|-----------------|----|------------------------|------------------------|-----------------|----------|--------------|
| WP | White Pine | HK | Hemlock | OM | Mixed Oak | CT | Cut Tree | SH | Shelterwood | Intermediate Harvests: | AD | Advanced | |
| WK | WP/Hem | HH | Hem/Hdwd | RM | Red Maple | LT | Leave Tree | ST | Seed Tree | CT | Commercial Thin | SE | Natural Seed |
| WH | WP/Hdwd | BC | Blk Cherry | BE | Beech | SB | Stand Boundary | CC | Clear Cut | NT | Non Com Thin | PL | Plant |
| WO | WP/Oak | BB | Bee/Bir/Map | SF | Spruce/Fir | OT | Other | SE | Selection | Non-Standard Systems:* | | CO | Coppice |
| RP | Red Pine | OH | Oak/Hdwd | SM | Sugar Maple | Landowner Objective | | SA | Salvage | HG | Highgrade* | DS | Direct Seed |
| SR | Red Spruce | OR | N Red Oak | PP | Pitch Pine | LT | Long-term Mgt. | SN | Sanitation | DL | Diameter Limit* | OT | Other |
| | | | | | | ST | Short-term Har. | | | OT | Other* | | |

*If Other (OT) or a non-standard system is used an explanation must be given on attached narrative page

pg 4 of 5

Forest Cutting Plan

Narrative Page (Effective Date: 3/15/16)

Use this page to provide further explanation or if Other (OT) was used in any category on pages 3 or 4.

Landowner _____
Town _____
File Number _____

BMPs
Designation of Trees

Use this Section to provide further explanation or if Other (OT) was used in any category in the Best Management Practices Section on Page 3.

Existing landing and skid trails will be utilized. Variable-width filter strip will be applied to slopes as necessary.

Access will be pursued to enter cut areas not accessible by this plan. No harvest in wetlands.

Use this Section to describe the types of trees to be harvested and/or retained if Other (OT) was used for "Designation of Trees" in the Stand Treatment Section on page 4. Additional narrative description may be added on a separate page.

| Stand No. | Describe Trees to be Cut | | | Describe Trees to be Left | | | % BA/AC | |
|-----------|--------------------------|------|---------|---------------------------|------|---------|---------|------|
| | Species | Size | Quality | Species | Size | Quality | Cut | Left |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Regeneration & Future Condition

Use this Section to describe how Chapter 132 requirements will be met if a non standard system (HG, DL, or OT) was used for the "Type of Cut" in the Cutting Standards Section on page 4.

| Stand No. | Source of Regeneration (ex. AD, SE) | How will Regeneration be obtained/protected? If using AD - Describe the species present and how the regeneration will be protected If using SE - Describe the source of the seed and the number of seed trees/acre |
|-----------|---|--|
|-----------|---|--|

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| | | |

| Stand No. | Desired Future Condition |
|-----------|---|
| | Describe what the stand is expected to look like five years from the harvest, including the condition of the overstory & understory |

| | |
|--|--|
| | |
| | |
| | |
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| | |

CUT PLAN MAP

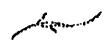
Prepared by S. Bajnoci 7/22

Legend

Cut Area

BOLD

Filter Strip

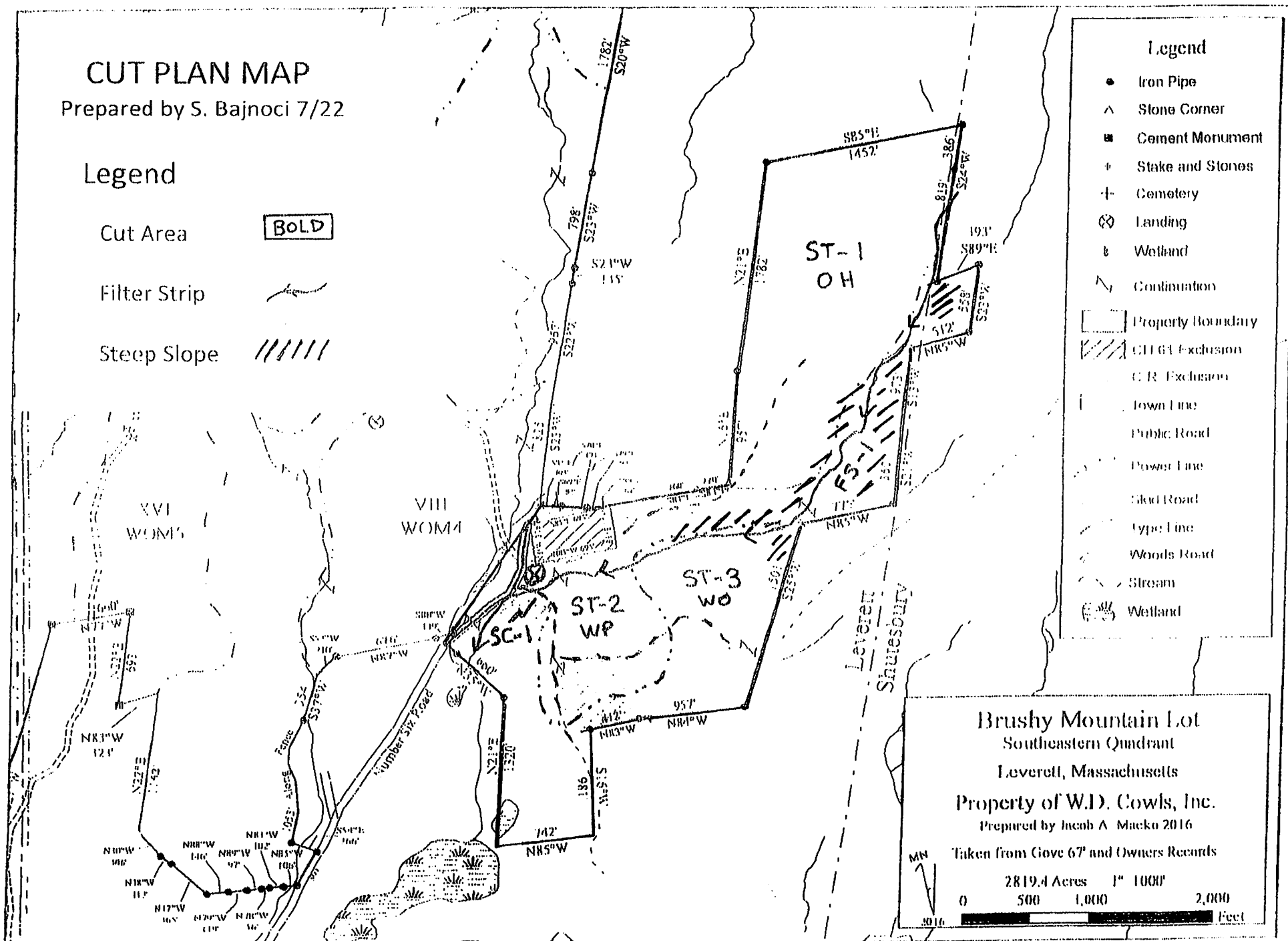


Steep Slope



Legend

- Iron Pipe
- △ Stone Corner
- Cement Monument
- + Stake and Stones
- ⊕ Cemetery
- ⊙ Landing
- ⊔ Wetland
- ↗ Continuation
- ▭ Property Boundary
- ▨ CHCA Exclusion
- ▩ CR Exclusion
- Town Line
- Public Road
- Power Line
- Skid Road
- Type Line
- Woods Road
- Stream
- ⊙ Wetland



Brushy Mountain Lot

Leverett, Massachusetts

Property of W.D. Cowls, Inc.

Prepared by Jacob A. Macko 2016

USGS shutesbury Quadrangle

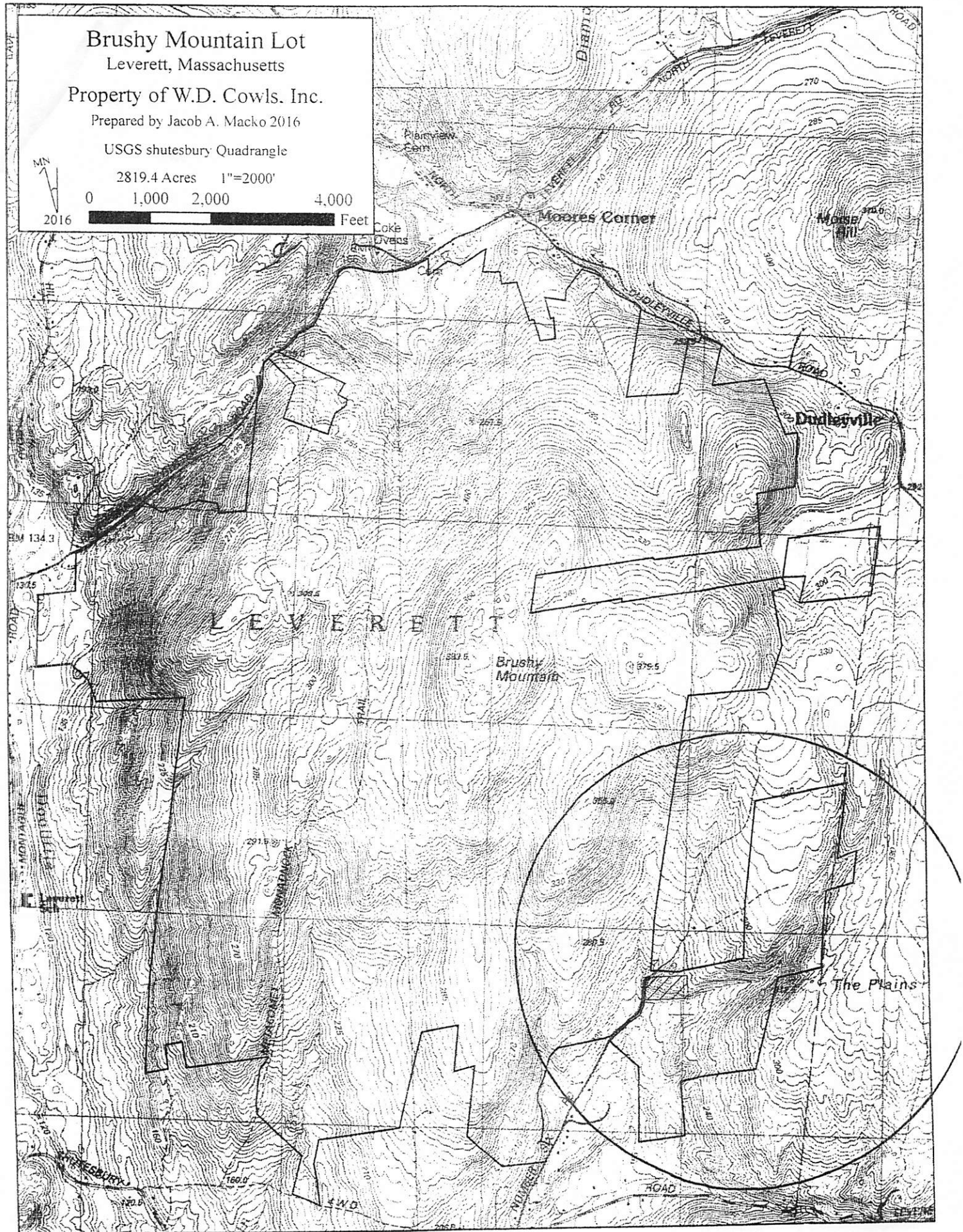
2819.4 Acres 1"=2000'

0 1,000 2,000 4,000 Feet

MN

2016

Feet



dcr



COMMONWEALTH OF MASSACHUSETTS
Department of Conservation and Recreation
Division of State Parks and Recreation

FILE # 154-33982-23

FOREST CUTTING PLAN CERTIFICATE

W

Post this in a conspicuous place within the area in which the harvesting operation is to take place.

This certifies that W.D. Cows, Inc N. Amherst, MA 01059 in accordance with the
(Name of Owner) (Address)

provision of M.G.L. Chapter 132, Section 40-46, filed in Amherst F.O. with the Dept. of Conservation
and Recreation, Division of State Parks and Recreation, a Notice of Intent to cut forest products upon the

Brushy Mtn lot, Leverett/Shutesbury
(Number Six Rd)

Approval Date 10/4/22

Director's Agent Andrew Rawcliffe

DCR Phone No. 617-549-1677

ISSUED BY:

Priscilla E. Geigis, Director
Division of State Parks and Recreation