

PURCHASING DEPARTMENT

CITY OF WORCESTER

MASSACHUSETTS 01608-1895

ROOM 201 - CITY HALL

455 MAIN STREET

PHONE (508) 799-1220

FAX (508) 799-1203

SALE OF CITY PROPERTY

BID NO. S-7997-W3

DATE: March 21, 2023

BID DUE: For this bid to be considered, one fully completed copy of this form must be returned to us by:

April 5, 2023 @ 4:00 PM.

Email copies are acceptable:

[gagliastroc@worcesterma.gov](mailto:gagliastroc@worcesterma.gov)

CITY OF WORCESTER  
Christopher J. Gagliastro, MCPPO  
Purchasing Agent

AN EQUAL OPPORTUNITY AFFIRMATIVE ACTION EMPLOYER

PLEASE QUOTE ON SURPLUS OR SCRAP PROPERTY LISTED.

BIDDER TO COMPLETE ATTACHED PRICING SHEET

Item No.	DESCRIPTION AND LOCATION OF PROPERTY FOR SALE. – INSPECT ALL ITEMS		
	<p><u>“AS IS – WHERE IS”</u></p> <p>THIS BID (INCLUDING ALL PAGES) MUST BE SUBMITTED BY THE ABOVE DATE. FAX (508) 799-1203 OR E-MAIL <a href="mailto:gagliastroc@worcesterma.gov">gagliastroc@worcesterma.gov</a> ARE ACCEPTABLE.</p> <p>DATE: April 5, 2023      TIME: 4PM LOCAL TIME</p> <p>PLACE: PURCHASING DIVISION, ROOM 201 CITY HALL, WORCESTER, MASSACHUSETTS</p> <p>MARK ENVELOPE: <u>BID NO. S-7997-W3, TIMBER HARVESTING / SALE / DPW &amp; PARKS.</u></p>		See Pricing Page

THE LISTED ITEMS ARE TO BE SOLD SUBJECT TO THE GENERAL SALES TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF AND ANY SPECIAL CONDITIONS SET FORTH HEREIN.

PER:

TITLE: Christopher J. Gagliastro, Purchasing Director

THE CITY OF WORCESTER IS NOT RESPONSIBLE FOR BIDS NOT PROPERLY MARKED.

THE NAME AND ADDRESS OF THE BIDDER MUST APPEAR IN THE UPPER LEFT HAND CORNER OF THE ENVELOPE.

BIDDER

ADDRESS

CITY/TOWN

STATE \_\_\_\_\_ ZIP \_\_\_\_\_

AUTHORIZED SIGNATURE

EMAIL \_\_\_\_\_

TEL: \_\_\_\_\_ DATE: \_\_\_\_\_

## **GENERAL SALES TERMS AND CONDITIONS**

### **CITY OF WORCESTER SURPLUS BIDS GENERAL SALES TERMS AND CONDITIONS**

1. **ALL ITEMS ARE OFFERED FOR SALE “AS IS WHERE IS”. THE DESCRIPTION IS BASED ON THE BEST AVAILABLE INFORMATION BUT THE CITY MAKES NO WARRANTY, GUARANTY, OR REPRESENTATION, EXPRESSED OR IMPLIED AS TO QUALITY, QUANTITY, KIND, CHARACTER, WEIGHT, SIZE OR DESCRIPTION OF THE ITEMS.**
2. **CONDITIONAL BIDS WILL NOT BE ACCEPTED.**
3. **IF REQUIRED BY THE CITY THE MATERIAL IS TO BE WEIGHED AT SUCCESSFUL BIDDER’S EXPENSE AT A SCALE TO BE DETERMINED BY THE CITY WHO WILL ASSIGN A REPRESENTATIVE TO ACCOMPANY MATERIAL TO THE WEIGHING SCALE. ONE COPY OF THIS WEIGHT CERTIFICATE SHALL BE GIVEN TO THIS REPRESENTATIVE.**
4. **PAYMENT IS TO BE MADE BY CERTIFIED CHECK PAYABLE TO THE CITY TREASURER, CITY OF WORCESTER AND PRESENTED TO THE PURCHASING DEPARTMENT BEFORE ANY HARVESTING MAY BEGIN.**
5. **THE CITY RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS WHOLLY OR IN PART, AND TO MAKE AWARDS IN A MANNER DEEMED IN THE BEST INTERESTS OF THE CITY.**
6. **ALL SALES ARE FINAL.**
7. **IT IS UNDERSTOOD AND AGREED THAT IT SHALL BE A MATERIAL BREACH OF ANY CONTRACT RESULTING FROM THIS BID FOR THE CONTRACTOR TO ENGAGE IN ANY PRACTICE WHICH SHALL VIOLATE ANY PROVISION OF MASSACHUSETTS GENERAL LAWS, CHAPTER 151B, RELATIVE TO DISCRIMINATION IN HIRING, DISCHARGE, COMPENSATION, OR TERMS, CONDITIONS OR PRIVILEGES OF EMPLOYMENT BECAUSE OF RACE, COLOR, RELIGIOUS CREED, NATIONAL ORIGIN, SEX, AGE OR ANCESTRY.**

**CERTIFICATE OF GOOD FAITH FORM AS REQUIRED BY M.G.L. c. 30B**

UNDER MASSACHUSETTS GENERAL LAWS, CHAPTER 30B: SECTION 10, THE FOLLOWING  
CERTIFICATION MUST BE PROVIDED:

Section 10. A person submitting a bid or a proposal for the procurement or disposal of supplies, or services  
to any governmental body shall certify in writing, on the bid or proposal, as follows:

" The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith  
and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any  
natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of  
individuals."

(Please Print)

\_\_\_\_\_  
Name of Person Signing Bid

\_\_\_\_\_  
Signature of Person Signing Bid

\_\_\_\_\_  
Company

**No award will be made without vendor certification of the above.**

**SPECIFICATIONS / REQUIREMENTS - TIMBER HARVESTING / DPWP - BID #: S-7997-W3**

The City of Worcester, through its Reservoir Division, is offering for sale approximately 201.7 thousand board feet of sawtimber, 152 cords of fuelwood, and 108 tons of softwood pulp that have been designated for cutting by the City's Watershed Forester. These are estimated volumes and not guaranteed. Topwood volumes were not estimated for this timber sale. The harvest area is located in the Town of Holden on a net area of 54.7 acres.

The access will be located off of Reservoir Street in Holden near the intersection of South Road and Reservoir Street. This location has an established access road to a large landing area, that will need to be stumped and cleared. This timber harvest requires improvement of the access road starting at Reservoir Street and ending at the first stream crossing culvert (see attached sketch). The total distance of the road work is approximately 1300 feet. There are 10 water bars along the road that need to be repaired and maintained. A new road surface must be constructed by grading and placing 4 inches of 3-inch minus crushed rock to a road width of 10 feet. The road work must be completed by the end of the timber harvest.

The contractor will be a licensed timber harvester in Massachusetts and comply with all contract specifications including equipment restrictions (see pages 2-4). The harvesting operation will be completed **on or before May 1<sup>st</sup>, 2024**. An extension may be granted if deemed necessary by the forester.

Interested bidders can walk the timber sale area at their convenience Monday through Friday from 7:30am to 4pm or call Kevin Scherer, Watershed Forester for a meeting on site to discuss the harvest. Kevin can be reached on his cellular phone at 774-285-3304. Bids must be submitted on the official proposal sheet.

The City of Worcester reserves the right to reject any and/or all bids which are not in the best interest of the City.

**CITY OF WORCESTER DPW & PARKS  
WATER DEPARTMENT-RESERVOIR DIVISION**

**PERMIT TO HARVEST FOREST PRODUCTS**

This contract is issued to the successful bidder hereinafter referred to as the "Contractor" for the harvest of forest products under Chapter 132-Forest Cutting Plan #134-37270-23. The harvest area is on a net area of 54.7 acres, in the Town of Holden. Marked timber, cordwood, and pulpwood have been designated for cutting by The City of Worcester's forestry personnel hereinafter referred to as the "Forester". Volumes are estimated and not guaranteed.

The Contractor agrees to cut and remove said designated forest products in strict accordance with the following conditions and specifications.

**A. GENERAL CONDITIONS**

1. Failure to comply with any conditions of this contract will be cause for suspension or termination of the contract.
2. The Contractor hereby accepts the right of entry to City of Worcester lands solely for the purpose of harvesting forest products. The Contractor has had the opportunity to view the harvest area and hereby acknowledges that it understands that the City of Worcester makes no warranty as to the condition of the land or forest products. The Contractor takes the land and forest products on the timber lot for which this contract is issued in its current condition.
3. The Contractor shall indemnify and save harmless the City of Worcester from all damages to life and property that may occur due to his negligence or that of his employees, subcontractors, etc., during this contract. The City of Worcester will not be held liable for injuries or damage occurring during the logging operation.
4. The Contractor will be bound by all applicable statutory provisions of law of the Federal Government, the Commonwealth of Massachusetts, the City of Worcester and the Department of Public Safety of the Comm. of Mass.

5. The purchaser as well as his employees must obtain a license to harvest forest products in accordance with current Commonwealth of Massachusetts rules and regulations. Said license will be on the Contractor while working on City Property. Chain saw operators must be able to execute felling techniques that control the direction of tree fall.
6. In order to supervise this contract, all work must be done during the normal workweek. No work will be allowed on Sunday or Public Holidays. All persons working on City property will be off the property prior to sundown.
7. The Contractor shall exercise extreme care to avoid the ignition and spread of fire on City property. Possession, distribution, or use of alcoholic beverages on City land is strictly prohibited. The Contractor shall not carry on his person or transport in any vehicle, firearms of any nature on City property.
8. Gates damaged or removed by the Contractor will be repaired and/or replaced by the Contractor, within a one week period.
9. Due to the nature of the work areas being within the reservoir system, the City will not allow work areas to remain unsecured. The contractor will be responsible for securing the logging area at the end of each workday. The City of Worcester, as stated previously, will not be responsible for any losses incurred by the contractor nor will the City be responsible for clean-up due to an unsecured work area.
10. Weather permitting; the City of Worcester will consider it a loss of contract if no work has been completed during the first 9 months of the contract period.
11. The contractor will inform the forester at least 1 day in advance when moving equipment on or off City property.

## **B. WATER QUALITY SPECIFICATIONS**

Since the area upon which the timber is located is part of the watershed of a public water supply, extreme care must be taken at all times to provide sanitation, particularly as follows:

1. No oils or fuels may be dumped on City property. All petroleum products shall be stored in appropriate containers. All leaking logging machinery on City property will have absorption pads under them when not in use. No oil changes are allowed on City property, unless these changes are of an emergency nature with prior notification of the forester. An adequate supply of oil absorbent pads and blankets are required on site and with equipment to ensure that any accidental spillage will not pollute the watershed.
2. The Forester will be notified of any spills as soon as possible.
3. The Contractor will be liable for all costs incurred resulting from cleanup of spills and leakages of hazardous materials.
4. Working and lunching areas must be kept clean of litter.
5. Toilet facilities must consist of sanitary pails, which are not to be emptied on City property. Contamination of the work area by non-use of sanitary pails will be considered a breach of these conditions and cause for suspension of the operation.
6. All stream crossings must be approved by the Forester and within 1000' of a reservoir will be bridged, with said bridge supplied by the Contractor.

## **C. HARVESTING SPECIFICATIONS**

The successful bidder agrees to cut and remove said marked timber in strict accordance with the following conditions.

1. To remove only marked logs and/or timber and to forfeit, as a penalty, the sum equal to three (3) times the stumpage volume for each unmarked tree that is cut or damaged negligently. The contractor shall not be held liable for this penalty in felling unmarked trees in the construction of skid roads, truck roads, log landings, and mill sites on locations approved by the City Forester.
2. Trees must be cut as low to the ground as possible. Paint marks must be left visible on the stump. Trees marked with an "X" were not tallied and are not to be cut. They will be girdled by city personnel after the harvest is complete.
3. All designated softwood trees shall be utilized to at least a 6-inch tip diameter. All designated hardwood trees shall be utilized to at least a 4-inch tip diameter.
4. Any pulled stumps for grading and log truck access must be removed from the landing area.
5. In case of extreme dry weather or mud conditions, the Forester reserves the right to suspend the logging operation if necessary and will extend the time for completion accordingly. Logging will be suspended during the months of April, May, and June unless authorization is obtained in writing.
6. All landing areas will be completely cleared of all debris before leaving City property. Landing areas are not to be used for retail customers. All machinery, structures, and wood products used or produced must be removed at the time of completion.

7. Landing areas, skid and forwarder roads must be restored to the satisfaction of the Forester upon or before the completion of this operation.

**D. HARVESTING SYSTEMS (limited to items checked)**

<u>Felling Systems</u>	Optional	Required	<u>Transport Systems</u>	Optional	Required
Hand Felling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cable Skidder	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Whole Tree Chipping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Grapple Skidder	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mechanized Felling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Forwarder	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-Rubber Tire Feller	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Farm Tractor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-Tracked Feller	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other:	<input type="checkbox"/>	<input type="checkbox"/>
-Rubber Tire Processor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other:	<input type="checkbox"/>	<input type="checkbox"/>
-Tracked Processor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other:	<input type="checkbox"/>	<input type="checkbox"/>

**E. VOLUME SUMMARY SHEET FOR FOREST CUTTING PLAN # \_\_\_\_\_**

Lot: **H2**

Acres: **54.7**

*Summary of Sawtimber*

Species	Total BF	Total # Trees	BF/Tree	BF/Acre
White Pine	94533	317	298	1204
White Ash	9158	79	116	117
Red Maple	4356	41	106	55
Black Oak	8061	46	175	103
Red Oak	85589	411	208	1090
<b>Totals:</b>	<b>201697</b>	<b>894</b>	<b>226</b>	<b>2569</b>

*Summary of Cordwood (not including Hardwood sawlog topwood)*

Species	Total Cords	# Trees	Trees/Cord	Cords/Acre
All Hardwood	152	1170	7.7	2.8
<b>Totals:</b>	<b>152</b>	<b>1170</b>	<b>7.7</b>	<b>2.8</b>

*Summary of Pulpwood (not including softwood topwood)*

Species	Total Tons	# Trees	Tons/Acre
All Softwood	107.9	334	1.37
<b>Totals:</b>	<b>107.9</b>	<b>334</b>	<b>1.37</b>

**F. OFFICIAL PROPOSAL SHEET FOR THE PURCHASE OF STANDING TIMBER AND/OR CORDWOOD**

**TO THE CITY OF WORCESTER:**

In compliance with your INVITATION TO BID dated \_\_\_\_\_, and subject to all the conditions thereof, the undersigned agrees to purchase the stumpage, listed under Section E within this document, and to remove the same from the property of the City of Worcester in strict accordance with all of the terms and conditions outlined in the INVITATION TO BID hereby referred to. The undersigned further agrees to pay the City of Worcester the following bid price in exchange for said stumpage. This bid must be properly signed and submitted in a sealed envelope by the date specified. The City of Worcester is not responsible for bids not properly marked.

Failure to comply with any conditions of this contract will be cause for suspension or termination of the contract, in which event, the contractor forfeits all funds paid to the City of Worcester.

The minimum bid price that will be accepted is: \$ 15,000 (dollars)

The undersigned agrees to purchase for the bid price of: \$ \_\_\_\_\_ (dollars)

Firm name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Signature of Bidder: \_\_\_\_\_

Harvesting License Number: \_\_\_\_\_

Date: \_\_\_\_\_

# 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 134-37270-23 Case No. \_\_\_\_\_  
Date Rec'd 2/7/23 Nat. Hert. N  
Earliest Start 2/23/23 Pub. Dr. Wat. WORCESTER  
River Basin BLACKSTONE ACEC N  
Gen. Obj. LT

## Location

Town Holden  
Road Reservoir Street  
Acres 54.7 Proposed Start Date 2/2023  
Vol. MBF 201.8 Vol. Cds. 152 Vol. Tons 108

## Plan Preparer

Name Eric Brown  
Address 55 Moy Ranch Road

Town, State, Zip Holden, MA, 01520  
Phone (508) 829-4811

Type of Preparer LF

\*Mass. Forester License # 448

\*Required for land under Ch61, Ch61A or Forest Stewardship

## Landowner

Name City of Worcester DPW&P  
Mailing Address 55 Moy Ranch Road  
Town, State, Zip Holden, MA, 01520  
Phone (508) 829-4811  
Ch61 ☐ 61A ☐ 61B ☐ Stew ☐ \*Case #  
FSC ☐ CR ☐ CR Holder

## Licensed Timber Harvester\*\*

Name TBD  
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	BR	PO	
Existing Structure	YES	NO	NO	
Type of Bottom	MU	ST	ST	
Bank Height (ft)	1-2'	1-2'	<1'	
Stabilization	ST	CO	CO	

## Wetland Crossings

Indicate location on map	WC-1	WC-2	WC-3	WC-4
Length of Crossing	75'	30'		
Mitigation	DR	DR		
Stabilization	CO	CO		

## Filter Strips

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

## Harvesting in Wetlands

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

## Service Forester Comments

\*PLEASE NOTIFY DCR SERVICE FORESTER  
AT START OF HARVEST OPERATION

Site Information

Best Management Practices

Codes

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.

If Other (OT) is used in any category an explanation must be given on an attached narrative page



## Products to be Harvested\*

Species	Mbf/Cds		Mbf/Cds
White Pine	94.5	Red Maple	4.4
Red Pine		Sugar Maple	
Pitch Pine		Red Oak	85.6
Hemlock		Black Oak	8.1
Spruce		White Oak	
Other Sftwd.		Other Hdwd.	
White Ash	9.2	<b>Total Mbf</b>	<b>201.8</b>
Beech		<b>Cordwood (Cds)</b>	<b>152</b>
White Birch		<b>SW Pulp (Tons)</b>	<b>107.9</b>
B & Y Birch		<b>HW Pulp (Tons)</b>	
Black Cherry		<b>Chips (Tons)</b>	

\*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	WO	WP	WH	
Acres	42.7	6.4	5.6	
Landowner Objective	LT	LT	LT	
Designation of Trees	CT	CT	CT	
Type of Cut	SE	CC	CC	
Source of Regeneration	AD	SE	SE	

## 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**

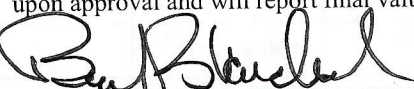
Harvest of trees with the main intention of producing short-term income with minimal consideration given to improving the future forest condition, which often results in a forest dominated by poor quality and low value species.

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.

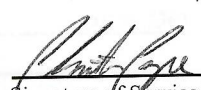
I (we) understand that the volumes in this plan have not been independently verified by the service forester upon approval and will report final values and volumes to the Director or his/her agent if the final figures differ from those reported.



Signature of Landowner(s)

2/17/23  
Date

Determination and Status 134.37270.23

	Approved	Disapproved	Expires
Cutting Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>2/7/25</u>
Signature of Service Forester/Director's Agent			Date
			<u>3/3/23</u>
Extension	1 <input type="checkbox"/>	2 <input type="checkbox"/>	Expires <u>/</u> Ser. For. Ints. <u>/</u>
Amendment	App 1 <input type="checkbox"/>	Dis 1 <input type="checkbox"/>	App 2 <input type="checkbox"/> Dis 2 <input type="checkbox"/> <u>/</u>

## 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	SH	Shelterwood	<b>Intermediate Harvester:</b> AD Advanced
WK	WP/Hem	HH	Hem/Hdwd	RM	Red Maple	ST	Seed Tree	SE Natural Seed
WH	WP/Hdwd	BC	Blk Cherry	BE	Beech	CC	Clear Cut	PL Plant
WO	WP/Oak	BB	Bee/Bir/Map	SF	Spruce/Fir	SE	Selection	<b>Non-Standard Systems:*</b> CO Coppice
RP	Red Pine	OH	Oak/Hdwd	SM	Sugar Maple	SA	Salvage	DS Direct Seed
SR	Red Spruce	OR	N Red Oak	PP	Pitch Pine	SN	Sanitation	OT Other
								OT Other*

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

# 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

City of Worcester

Town

Holden

File Number

134-37270-23

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.

Trees of desirable species are marked with red flagging; special attention should be given to protect them during harvesting. Trees marked with an 'x' are not to be cut. Double stripped trees mark the edge of a cut area and are to be cut. Old blue paint is to be ignored, only trees marked with orange paint are to be harvested.

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

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


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


Regeneration & Future Condition



## Stream Crossings

Indicate location on map	SC-5	SC-6	SC-7	SC-8	SC-9	SC-10
Type of Crossing						
Existing Structure						
Type of Bottom						
Bank Height (ft)						
Stabilization						

## Wetland Crossings

Indicate location on map	WC-5	WC-6	WC-7	WC-8	WC-9	WC-10
Length						
Mitigation						
Stabilization						

## Filter Strips

Indicate location on map	FS-5	FS-6	FS-7	FS-8	FS-9	FS-10
Width (50',100' or VA)						

## Harvesting in Wetlands

Indicate location on map	HW-5	HW-6	HW-7	HW-8	HW-9	HW-10
Forest Type (see pg 2)						
Acres to be Harvested						
Resid. Basal Area (>50%)						

Type of Crossing	Stabilization	Mitigation	Type of Bottom
CU Culvert	SE Seed	FR Frozen	LE Ledge
BR Bridge	MU Mulch	DR Dry	ST Stony
FO Ford	CO Corduroy	OT Other	MU Mud
PO Poled	ST Stone		GR Gravel
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.

If Other (OT) is used in any category an explanation must be given on narrative page

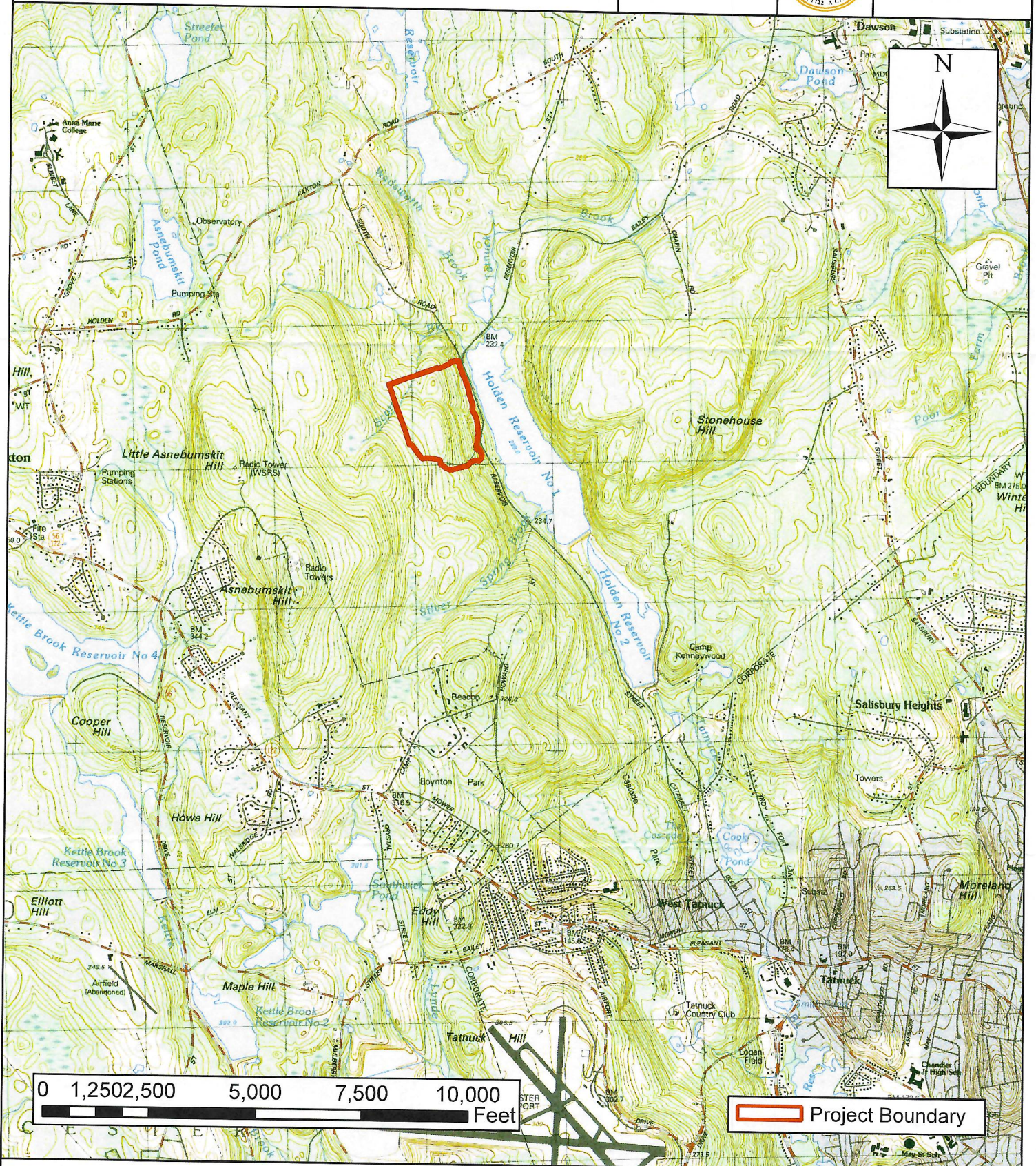


# Skiff House Locus

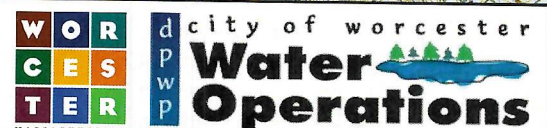
Prepared by:  
Eric Brown  
January 2023



Map No:  
**H2.1**



Data Sources: Field Observations; Corner Marker data taken from GPS coordinates; Equipment: Garmin 76CSX; Datum: WGS84, WAAS Enabled; Accuracy +/- 10'; Averaging enabled 60 positions collected for each point. USGS Topo from MassGIS 2018. Made for forest management purposes only.





# Skiff House Orthographic

Prepared by:  
Eric Brown  
January 2023




Map No:

## H2.3



0 200 400 800 1,200 1,600 Feet

 Project Boundary

Data Sources: Field Observations; Corner Marker data taken from GPS coordinates; Equipment: Garmin 76CSX; Datum: WGS84, WAAS Enabled; Accuracy +/- 10'; Averaging enabled 60 positions collected for each point. Ortho Photo from MassGIS 2018. Made for forest management purposes only.



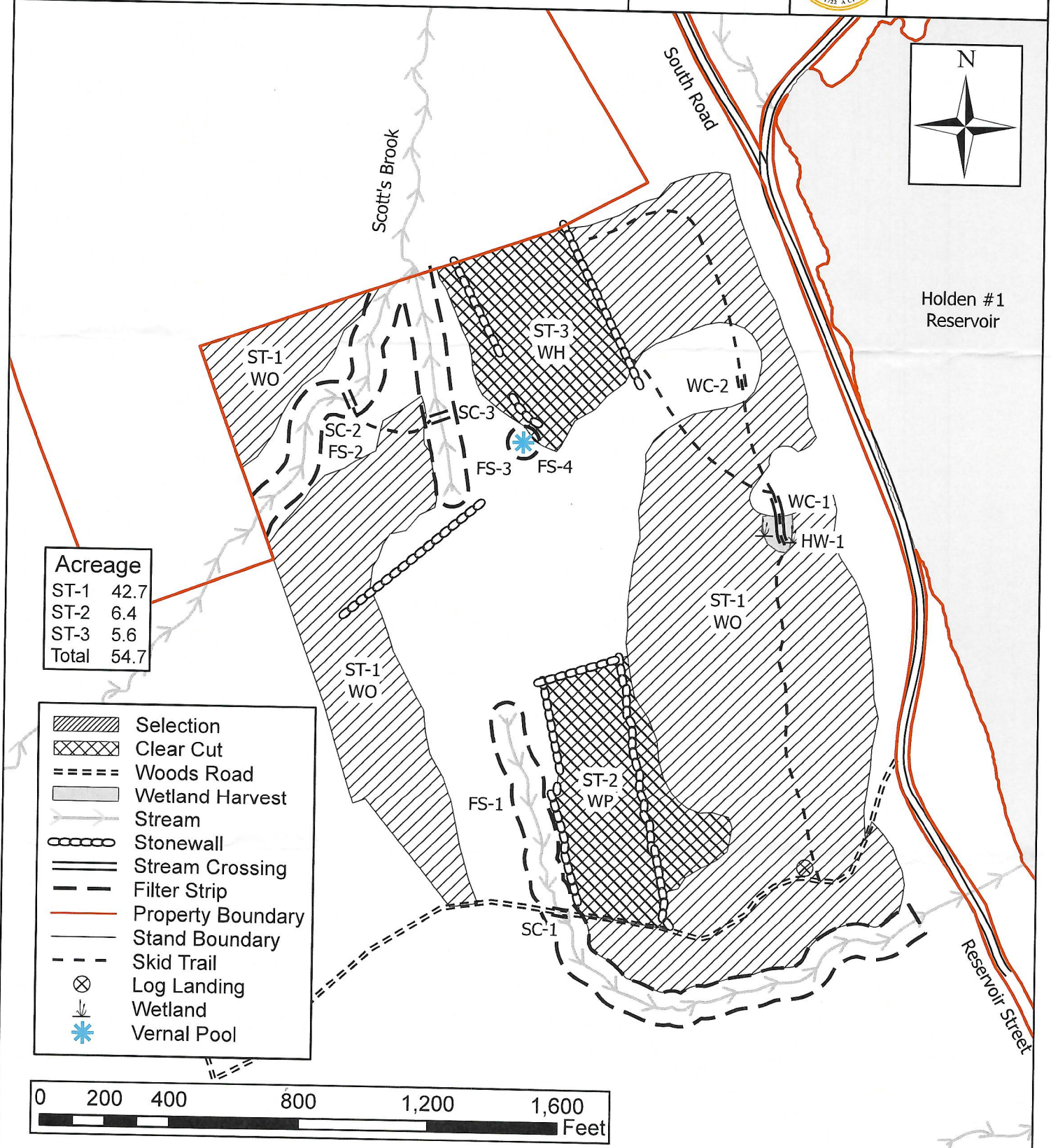


# Skiff House Harvest

Prepared by:  
Eric Brown  
February 2023



Map No:  
**H2.7**



Data Sources: Field Observations; Corner Marker data taken from GPS coordinates; Equipment: Garmin 76CSX; Datum: WGS84, WAAS Enabled; Accuracy +/- 10'; Averaging enabled 60 positions collected for each point. Made for forest management purposes only.



dcr

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



FILE #

134.37270.23

W

## FOREST CUTTING PLAN CERTIFICATE

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

This certifies that CITY OF WORCESTER DPW: P HOWEN in accordance with the  
(Name of Owner) (Address)

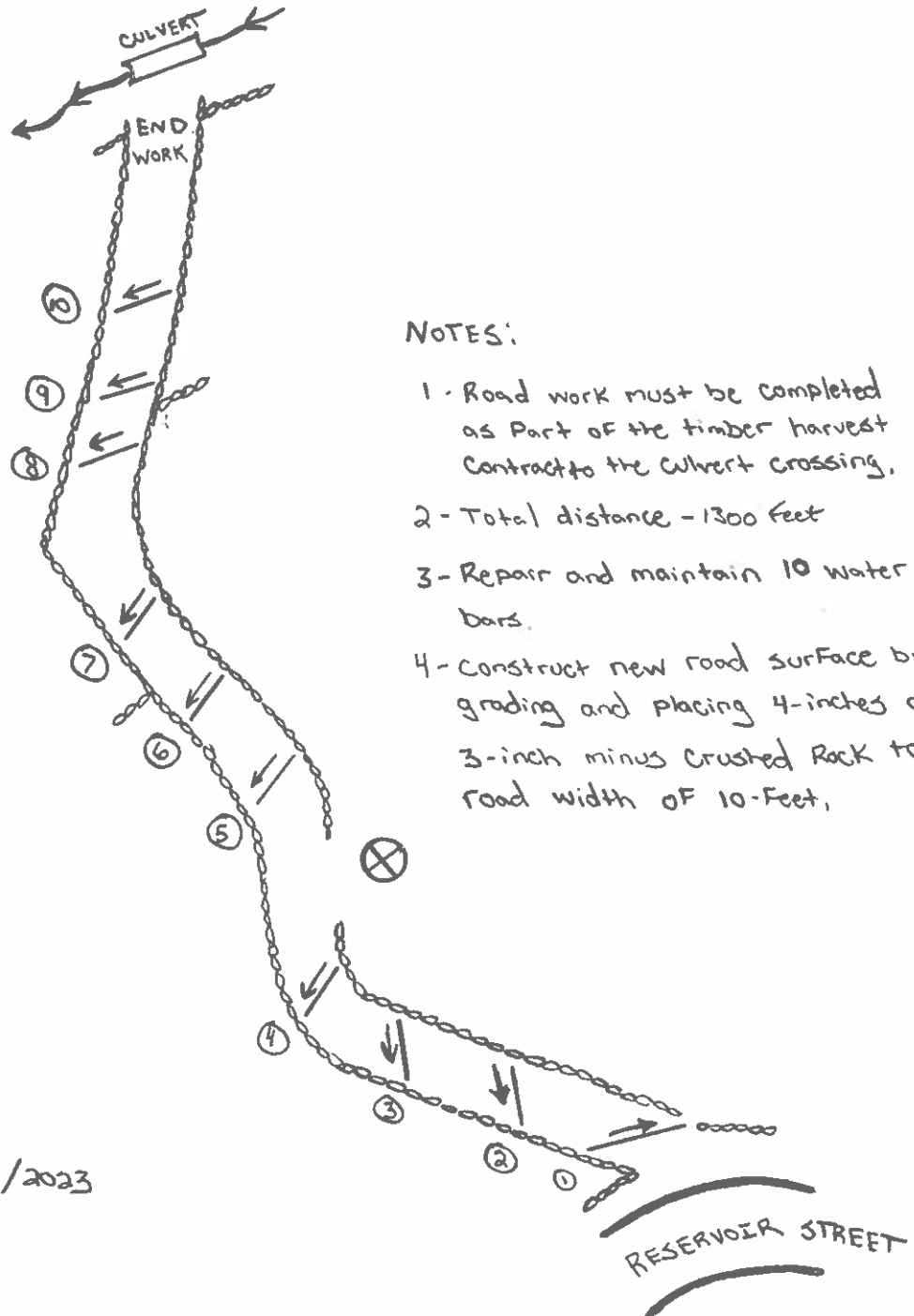
provision of M.G.L. Chapter 132, Section 40-46, filed in CLINTON with the Dept. of Conservation  
and Recreation, Division of State Parks and Recreation, a Notice of Intent to cut forest products upon the  
RESERVOIR ST lot, HOWEN

Approval Date 3/3/23  
Director's Agent CHRIS CAPONE  
DCR Phone No. (857) 406-0175

ISSUED BY:

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

CITY OF WORCESTER DPW: P  
RESERVOIR DIVISION  
TIMBER HARVEST CONTRACT #  
SKIFF HOUSE ROAD, HOLDEN, MA



NOTES:

- 1 - Road work must be completed as Part of the timber harvest Contract to the Culvert crossing.
- 2 - Total distance - 1300 Feet
- 3 - Repair and maintain 10 water bars.
- 4 - Construct new road surface by grading and placing 4-inches of 3-inch minus crushed Rock to a road width of 10-Feet,

3/2023