

NOTICE OF PUBLIC MEETING
SUDBURY CONSERVATION COMMISSION
Monday, January 9, 2023 at 6:45 PM
Virtual Meeting

The Sudbury Conservation Commission will hold a public meeting to review the Request for Determination of Applicability filing under the Wetlands Protection Act and the Sudbury Wetlands Administration Bylaw to remove pre-existing debris and naturalize the 100-foot Buffer Zone at 29 Stone Road, in Sudbury, MA. Alex Hathaway, Applicant. The meeting will be held on Monday, January 9, 2023 at 6:45 pm, via Zoom.

Copies of the application may be reviewed on the Conservation Department web page at:

<https://sudbury.ma.us/conservationcommission/meeting/conservation-commission-meeting-monday-january-9-2023/>

Please contact the Conservation Office with any questions at 978-440-5470.

SUDBURY CONSERVATION COMMISSION
12/23/2022



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:

Name _____		E-Mail Address _____	
Mailing Address _____			
City/Town _____		State _____	Zip Code _____
Phone Number _____		Fax Number (if applicable) _____	

2. Representative (if any):

Firm _____			
Contact Name _____		E-Mail Address _____	
Mailing Address _____			
City/Town _____		State _____	Zip Code _____
Phone Number _____		Fax Number (if applicable) _____	

B. Determinations

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

- 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:

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):

Street Address

City/Town

Assessors Map/Plat Number

Parcel/Lot Number

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

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

Title

Date

Title

Date

Title

Date

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



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).
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.)



WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

Name

Mailing Address

City/Town

State

Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

Alex Hathaway

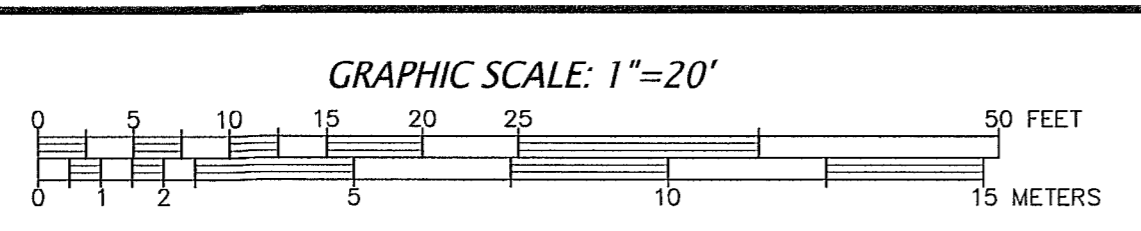
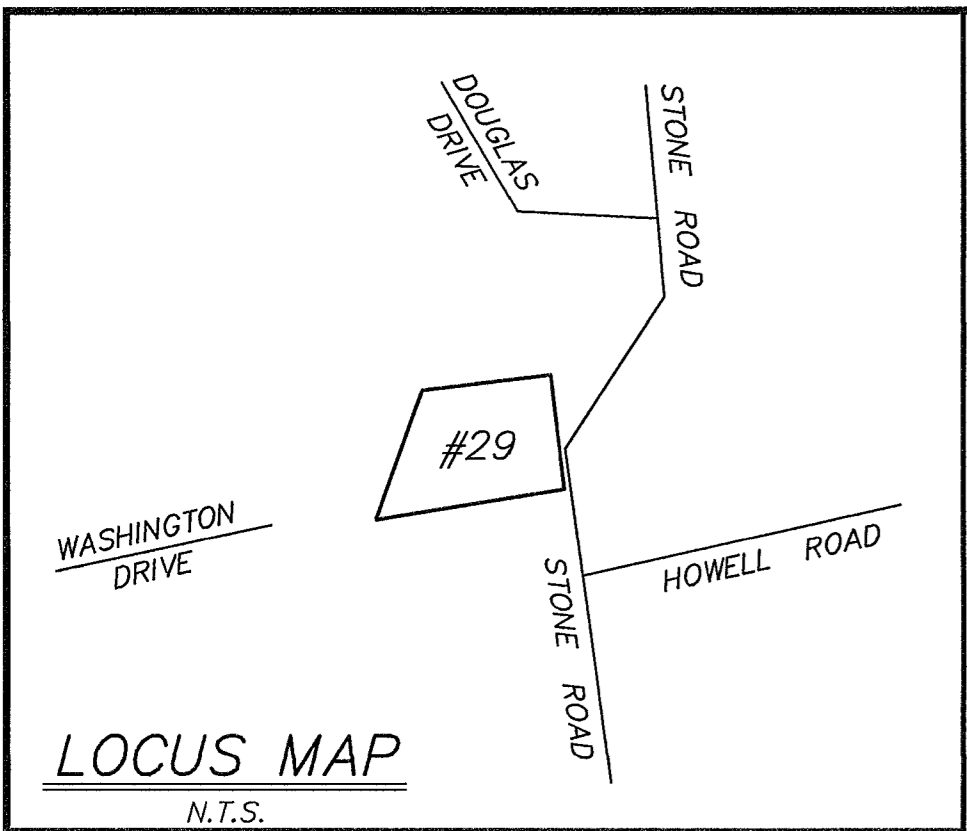
Signature of Applicant

Date

Alex Hathaway

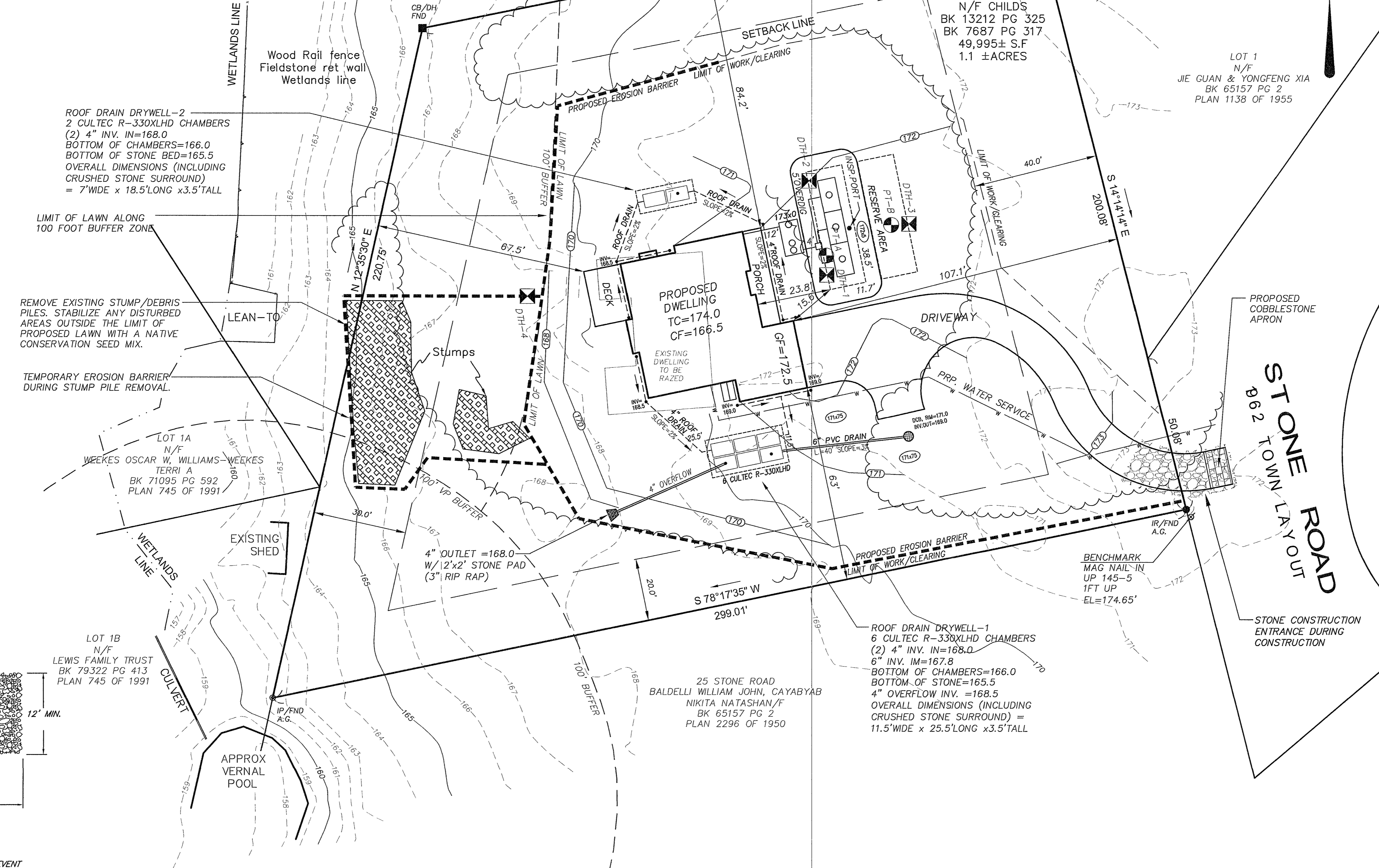
Signature of Representative (if any)

Date

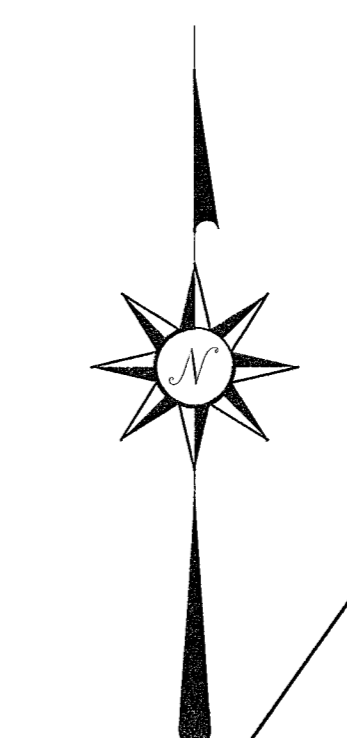


PLAN NOTES:

- LOT LINES AND TOPOGRAPHY PROVIDED BY APPLICANTS SURVEYOR. NOT TO BE CONSIDERED AN ON-GROUND SURVEY BY CONNORSTONE.
- THIS PLAN IS NOT FOR THE PURPOSE OF BUILDING HEIGHT COMPLIANCE.

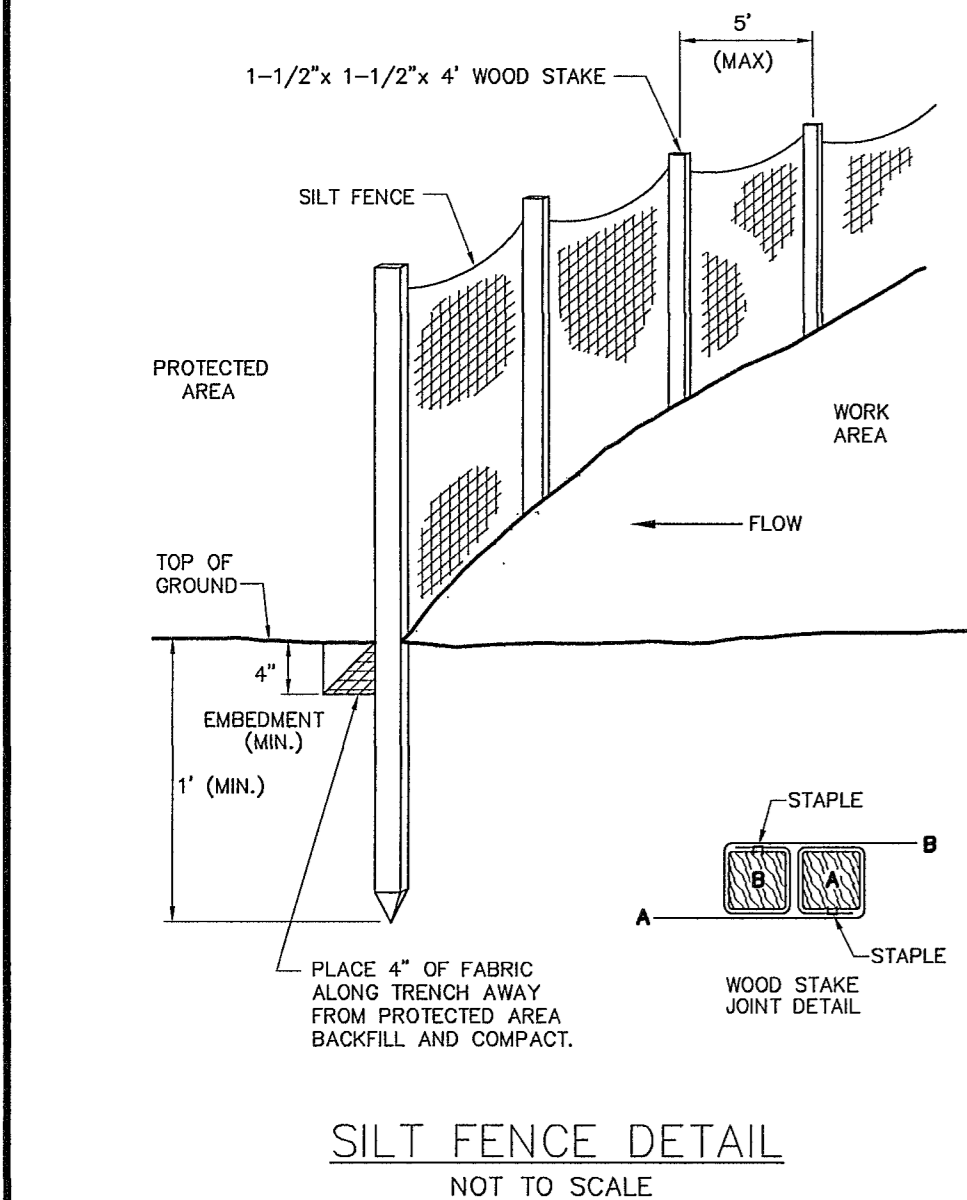


SITE PLAN
SCALE: 1" = 20'



SEDIMENTATION AND EROSION CONTROL NOTES:

- ALL WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF SUDBURY STORMWATER MANAGEMENT BYLAW AND IMPLEMENTING REGULATIONS.
- PRIOR TO INITIATING CONSTRUCTION, ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND DETAIL DRAWINGS. THIS PLAN DEPICTS THE MINIMUM REQUIRED SEDIMENTATION AND EROSION CONTROLS. THE CONTRACTOR SHALL EMPLOY ADDITIONAL MEASURES AS NECESSITATED BY SITE CONDITIONS, OR AS DIRECTED BY THE OWNER, THE OWNER'S REPRESENTATIVE, OR THE CONSERVATION COMMISSION TO ENSURE PROTECTION OF ALL WETLAND RESOURCES AND CONTROL SEDIMENT TRANSPORT. IF SEDIMENTATION OCCURS, THE CONTRACTOR SHALL STOP WORK AND INSTALL ADDITIONAL SEDIMENTATION CONTROL DEVICES IMMEDIATELY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TEMPORARY AND PERMANENT SEDIMENTATION AND EROSION CONTROLS UNTIL WORK IS COMPLETE AND ALL AREAS HAVE BEEN PERMANENTLY STABILIZED. AT SUCH TIME THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SEDIMENTATION AND EROSION CONTROL MEASURES.
- THE CONTRACTOR SHALL INSPECT SEDIMENTATION AND EROSION CONTROLS ON A DAILY BASIS AND IMMEDIATELY AFTER EACH RAINFALL; REPAIRS SHALL BE MADE BY THE END OF THE WORKING DAY. ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, AS REQUIRED BY THE CONSERVATION COMMISSION OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE PREPARED TO ALLOW WORK TO WAIT A DAY OR TWO AFTER RAIN EVENTS TO ALLOW SURFACE SOILS TO DRY.
- SOIL STOCKPILES SHALL BE STABILIZED TO PREVENT EROSION. A SEDIMENT BARRIER SHALL BE PLACED AROUND THE BASE OF THE PERIMETER. NO MATERIALS SUBJECT TO EROSION SHALL BE STOCKPILED OVERNIGHT WITHIN 100 FEET OF A WETLAND UNLESS COVERED. EQUIPMENT SHALL NOT BE PARKED WITHIN WETLANDS OR BUFFER AREAS.
- DISTURBED AREAS SHALL BE STABILIZED BY LOAMING AND SEEDING, OR BY ANOTHER APPROVED METHOD, AS SOON AS POSSIBLE AFTER THE FINISHED GRADE HAS BEEN MET. DISTURBED AREAS WITH SLOPES 2:1 (H:V) OR GREATER SHALL BE STABILIZED WITH HYDROSEED AND SOIL TACKIFIER. IF FINAL GRADING DOES NOT OCCUR DURING THE GROWING SEASON, THESE AREAS SHALL BE MULCHED WITH HAY AND SECURED.
- DEWATERING OPERATIONS, IF REQUIRED, SHALL DISCHARGE ONTO STABILIZED AREAS AND ALL DISCHARGE WATER IS TO PASS THROUGH SEDIMENTATION CONTROL DEVICES TO PREVENT IMPACTS UPON WATER BODIES, BORDERING VEGETATED WETLANDS, DRAINAGE SYSTEMS AND ADJUTING PROPERTIES. NO DISCHARGES FROM DEWATERING OPERATIONS SHALL BE DISCHARGED DIRECTLY TO THE DRAINAGE SYSTEM.
- STREET SWEEPING IN THE VICINITY OF THE PROJECT AREA SHALL BE PERFORMED AS NEEDED UNTIL THE PROJECT LIMITS HAVE BEEN STABILIZED. ALL SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY.

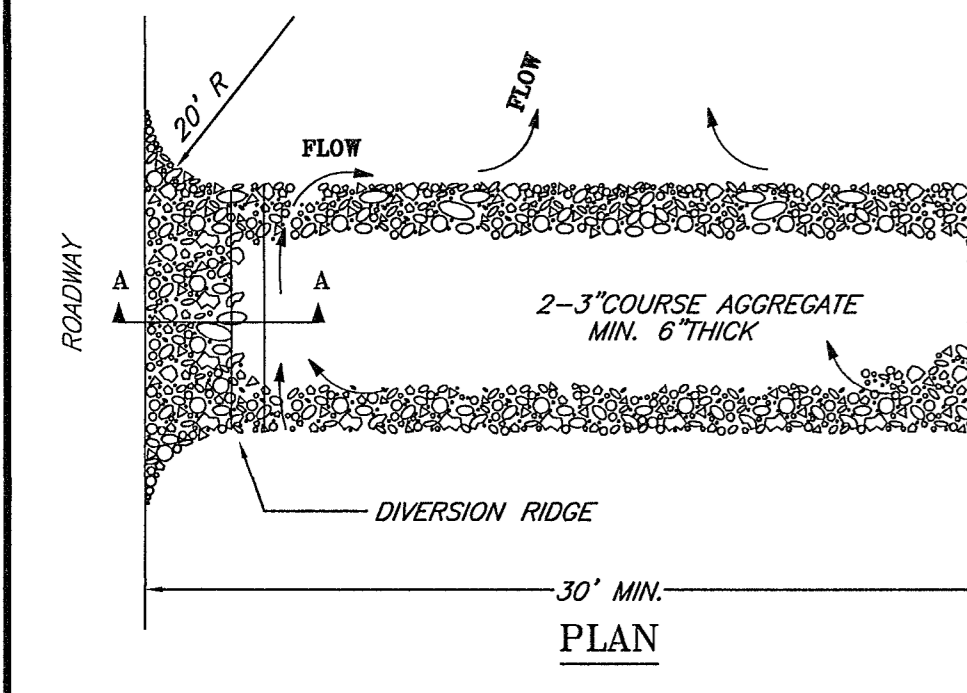


ROOF DRAIN DRYWELL-2
2 CULTEC R-330XLHD CHAMBERS
(2) 4" INV. IN=168.0
BOTTOM OF CHAMBERS=166.0
BOTTOM OF STONE BED=165.5
OVERALL DIMENSIONS (INCLUDING CRUSHED STONE SURROUND)
= 7' WIDE x 18.5' LONG x 3.5' TALL

LIMIT OF LAWN ALONG 100 FOOT BUFFER ZONE

REMOVE EXISTING STUMP/DEBRIS PILES. STABILIZE ANY DISTURBED AREAS OUTSIDE THE LIMIT OF PROPOSED LAWN WITH A NATIVE CONSERVATION SEED MIX.

TEMPORARY EROSION BARRIER DURING STUMP PILE REMOVAL.



LOT 1A
N/F
WEEKES OSCAR W. WILLIAMS-WEEKES TERRI A
BK 71095 PG 592
PLAN 745 OF 1991

LOT 1B
N/F
LEWIS FAMILY TRUST
BK 79322 PG 413
PLAN 745 OF 1991

WETLANDS LINE

EXISTING SHED

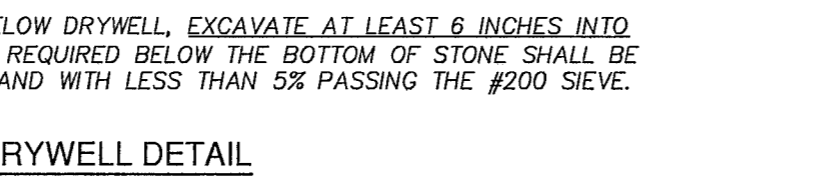
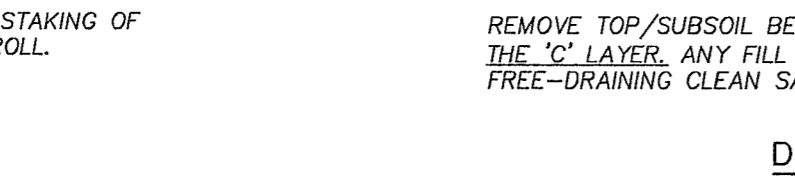
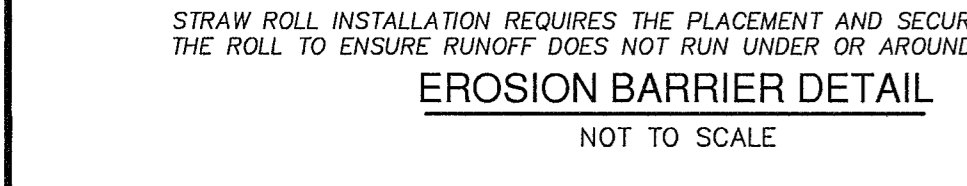
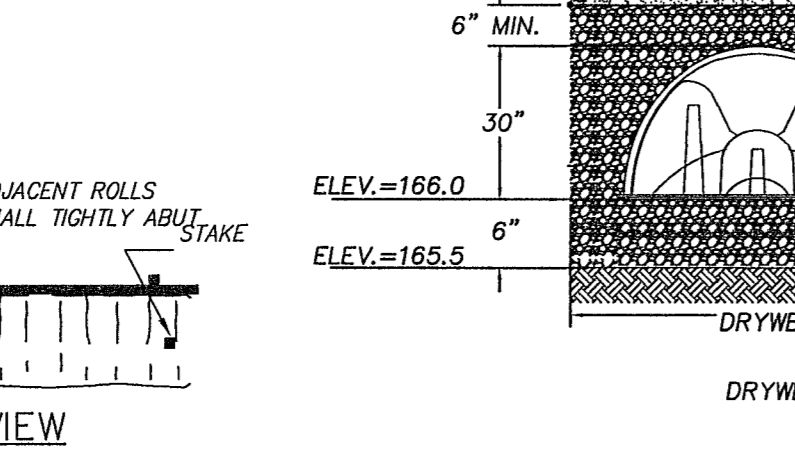
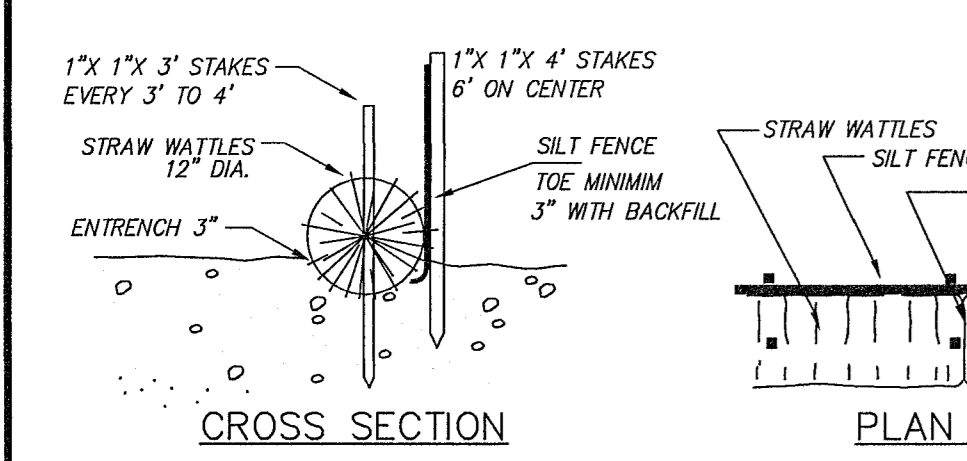
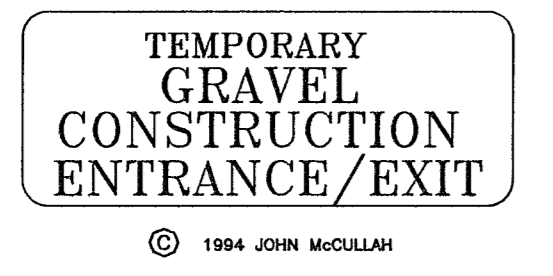
APPROX VERNAL POOL

4" OUTLET = 168.0
W/ 12"x2" STONE PAD
(3" RIP RAP)

25 STONE ROAD
BALDELLI WILLIAM JOHN, CAYABYAB
NIKITA NATASHAN/F
BK 65157 PG 2
PLAN 2296 OF 1950

ROOF DRAIN DRYWELL-1
6 CULTEC R-330XLHD CHAMBERS
(2) 4" INV. IN=168.0
6" INV. IM=167.8
BOTTOM OF CHAMBERS=166.0
BOTTOM OF STONE=165.5
4" OVERFLOW INV. = 168.5
OVERALL DIMENSIONS (INCLUDING CRUSHED STONE SURROUND) = 11.5' WIDE x 25.5' LONG x 3.5' TALL

- NOTES:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.



- NOTES:**
- AREA DRAINS MANUFACTURED BY EF SHEA, OR EQUAL. PROVIDE MINIMUM 2 FOOT SUMP.
 - CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.

DEEP OBSERVATION HOLE LOG

NO., DATE & ELEV.	DEPTH (In.)	SOIL HORIZON	TEXTURE (USDA)	COLOR (MUNSELL)	SOIL MOTTLING	OTHER
DTH-1 9/6/22	0-10"	Ap	SANDY LOAM	10YR3/2		
	10-20"	Bw	LOAMY SAND	10YR5/6		
	20-64"	C1	COARSE SAND	2.5Y5/4		
	64-120"	C2	MEDIUM SAND	2.5Y6/6		98"
DEPTH TO BEDROCK: - STANDING WATER: - WEeping FROM PIT FACE: - ESHW: 163.2						
DTH-2 9/6/22	0-12"	Ap	SANDY LOAM	10YR3/2		
	12-28"	Bw	LOAMY SAND	10YR5/6		
	28-122"	C1	COARSE SAND	2.5Y6/6		98"
DEPTH TO BEDROCK: - STANDING WATER: - WEeping FROM PIT FACE: - ESHW: 163.2						
DTH-3 9/6/22	0-10"	Ap	SANDY LOAM	10YR3/2		
	10-22"	Bw	LOAMY SAND	10YR5/6		
	22-44"	C1	COARSE SAND	2.5Y5/4		
	44-122"	C2	MEDIUM SAND	2.5Y6/6		98"
DEPTH TO BEDROCK: - STANDING WATER: - WEeping FROM PIT FACE: - ESHW: 163.2						
DTH-4 9/6/22	0-10"	Ap	SANDY LOAM	10YR3/2		
	10-22"	Bw	LOAMY SAND	10YR5/6		
	22-64"	C1	MEDIUM SAND	2.5Y5/4		52"
	64-98"	C2	FINE SAND	2.5Y6/6		
DEPTH TO BEDROCK: - STANDING WATER: - WEeping FROM PIT FACE: - ESHW: 163.2						

TESTS CONDUCTED BY: VITO COLONNA DATE: 9/6/22

APPLICANT MUSTANG DEVELOPMENT ADV.	LOCATION 29 STONE ROAD SUDBURY, MA ASSESSORS MAP K05 & PARCEL 24
--	--

NO.	DATE:	REVISION:	BY:
3.	12/21/2022	CONSERVATION EDITS	REM
2.	12/7/2022	ADD WETLANDS MOVE HOUSE & SEPTIC	REM
1.	11/9/2022	DRYWELL NOTES	VC

PROPOSED STORMWATER PLAN

CONNORSTONE ENGINEERING
CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS
10 SOUTHWEST CUTOFF, SUITE 7
NORTHBOROUGH, MASSACHUSETTS 01532
PHONE: 508-393-9727 WWW.CSEI.NET

121 BOSTON POST RD. SUDBURY, MA. 01776
PHONE: 978-443-9566 WWW.SULLIVANCONNORS.COM

DATE: 10/10/2022 SHEET 1 OF 1