



NOTICE OF PUBLIC HEARING SUDBURY CONSERVATION COMMISSION

The Sudbury Conservation Commission will hold a public hearing to review the Notice of Intent filing under the Wetlands Protection Act and Wetlands Bylaw for construction of a garage, and septic upgrades along with driveway reconfiguration within the buffer zone at 72 Colonial Road, Sudbury MA, John Halporn, applicant. The hearing will be held virtually on Monday, December 14, at 6:45pm, via Zoom. Please see the Conservation Commission web page for further information.

<https://sudbury.ma.us/conservationcommission/meeting/conservation-commission-meeting-monday-december-14-2020/>

SUDBURY CONSERVATION COMMISSION
November 23, 2020

August 11, 2020

John Halporn
72 Colonial Road
Sudbury, MA

**Re: Wetland Border Report
72 Colonial Road - Sudbury, MA**

Dear John,

On July 20, 2020, the wetland resource areas were delineated within a site located at 72 Colonial Road in Sudbury, MA (see attached orthophoto and USGS maps of site). The wetland border was flagged using the criteria in the most recent edition of MA Wetlands Protection Act (WPA) and Regulations 310 CMR 10.00 *et al.* as well as the Sudbury Wetlands Administration Bylaw and Regulations. Hydric soil indicators, vegetational changes, hydrological indicators, and topography were all considered for delineation purposes. Wetland resource area delineated included Bordering Vegetated Wetland (BVW).

The wetland border was delineated with blue flags, numbered A1 to A10. Flag #A1 was documented with MA DEP BVW Data Sheets and those sheets are attached. According to the MassGIS data layers for NHESP, the property is not located within an Estimated Habitat of Rare Wildlife / Priority Habitat of Rare Species. No certified vernal pools, ACEC or ORW are mapped within the site or immediate vicinity. The property does not fall within FEMA "Zone A or AE" 100-year floodplain.

Note that the resource area boundaries are not official unless confirmed by the Sudbury Conservation Commission with the submission of an Abbreviated Notice of Resource Area Delineation (ANRAD) or Notice of Intent (NOI). Any work proposed within 100 feet of the BVW requires the filing of a Request for Determination of Applicability (RDA) or NOI, depending on the nature of propose work and/or proximity to the delineated resource areas.

Sincerely,

GODDARD CONSULTING, LLC

by



Daniel Wells, M.S.
Senior Wildlife Biologist and Wetland Scientist

**Massachusetts Department of Environmental
Protection**
Bureau of Resource Protection - Wetlands
WPA Form 3 - Notice of Intent
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File #:
eDEP Transaction #:1239346
City/Town:SUDBURY

A. General Information

1. Project Location:

a. Street Address	72 COLONIAL RD	c. Zip Code	01776
b. City/Town	SUDBURY	e. Longitude	71.41994W
d. Latitude	42.38255N	g. Parcel/Lot #	0144 & 0145
f. Map/Plat #	H08		

2. Applicant:

☒ Individual ☐ Organization

a. First Name	JOHN	b. Last Name	HALPORN
c. Organization	JOHN HALPORN AND SARAH DAVIS HOMEOWNERS		
d. Mailing Address	72 COLONIAL RD		
e. City/Town	SUDBURY	f. State	MA
g. Zip Code	01776	j. Email	John.halporn@gmail.com
h. Phone Number	617-901-5878	i. Fax	

3. Property Owner:

☒ more than one owner

a. First Name	JOHN	b. Last Name	HALPORN
c. Organization	JOHN HALPORN AND SARAH DAVIS HOMEOWNERS		
d. Mailing Address	72 COLONIAL RD		
e. City/Town	SUDBURY	f. State	MA
g. Zip Code	01776	j. Email	John.halporn@gmail.com
h. Phone Number	617-901-5878	i. Fax	

4. Representative:

a. First Name		b. Last Name	
c. Organization			
d. Mailing Address			
e. City/Town		f. State	
g. Zip Code		j. Email	
h. Phone Number		i. Fax	

5. Total WPA Fee Paid (Automatically inserted from NOI Wetland Fee Transmittal Form):

a. Total Fee Paid	330.00	b. State Fee Paid	152.50	c. City/Town Fee Paid	177.50
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6. General Project Description:

BUILD NEW 29 X 33 FT GARAGE WITH SHOP UPSTAIRS WITHIN 100 FT WETLAND BUFFER ZONE, REMOVE ONE ADJACENT MATURE PINE TREE RECONFIGURE DRIVEWAY TO REMOVE 1750 SQ FT PAVED DRIVE AND RECONFIGURE PERVIOUS DRIVE TO CONNECT TO EXISTING PERVIOUS DRIVE REPLACE CURRENT SEPTIC LEACH FIELD WITHIN BUFFER ZONE WITH NEW FIELD BEYOND BUFFER ZONE

7a. Project Type:

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Limited Project Driveway Crossing | 4. <input type="checkbox"/> Commercial/Industrial |
| 5. <input type="checkbox"/> Dock/Pier | 6. <input type="checkbox"/> Utilities |
| 7. <input type="checkbox"/> Coastal Engineering Structure | 8. <input type="checkbox"/> Agriculture (eg., cranberries, forestry) |

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9. ☐ Transportation

10. ☐ Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☐ Yes ☒ No

If yes, describe which limited project applies to this project:

2. Limited Project

8. Property recorded at the Registry of Deeds for:

a. County:

b. Certificate:

c. Book:

d. Page:

NORTHERN MIDDLESEX

PLAN 1358 OF 1960

33149

429

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. Buffer Zone & Resource Area Impacts (temporary & permanent):

☒ This is a Buffer Zone only project - Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.

2. Inland Resource Areas: (See 310 CMR 10.54 - 10.58, if not applicable, go to Section B.3. Coastal Resource Areas)

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
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a. ☐ Bank

1. linear feet

2. linear feet

b. ☐ Bordering Vegetated Wetland

1. square feet

2. square feet

c. ☐ Land under Waterbodies and Waterways

1. Square feet

2. square feet

3. cubic yards dredged

d. ☐ Bordering Land Subject to Flooding

1. square feet

2. square feet

3. cubic feet of flood storage lost

4. cubic feet replaced

e. ☐ Isolated Land Subject to Flooding

1. square feet

2. cubic feet of flood storage lost

3. cubic feet replaced

f. ☐ Riverfront Area

1. Name of Waterway (if any)

2. Width of Riverfront Area (check one)

☐ 25 ft. - Designated Densely Developed Areas only

☐ 100 ft. - New agricultural projects only

☐ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project

square feet

4. Proposed Alteration of the Riverfront Area:

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a. total square feet b. square feet within 100 ft. c. square feet between 100 ft. and 200 ft.

5. Has an alternatives analysis been done and is it attached to this NOI?

☐ Yes ☐ No

6. Was the lot where the activity is proposed created prior to August 1, 1996?

☐ Yes ☐ No

3.Coastal Resource Areas: (See 310 CMR 10.25 - 10.35)

Resource Area Size of Proposed Alteration Proposed Replacement (if any)

a. <input type="checkbox"/> Designated Port Areas	Indicate size under	Land under the ocean below,
b. <input type="checkbox"/> Land Under the Ocean	1. square feet	
	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes, below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab, crea.
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet	
	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	

4.Restoration/Enhancement

☐ Restoration/Replacement

If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please entered the additional amount here.

a. square feet of BVW

b. square feet of Salt Marsh

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5. Projects Involves Stream Crossings

☐ Project Involves Streams Crossings

If the project involves Stream Crossings, please enter the number of new stream crossings/number of replacement stream crossings.

a. number of new stream crossings

b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage of Endangered Species program (NHESP)?

a. ☐ Yes ☒ No

If yes, include proof of mailing or hand delivery of NOI to:

Natural Heritage and Endangered Species
Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

b. Date of map:FROM MAP VIEWER

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18)....

c. Submit Supplemental Information for Endangered Species Review * (Check boxes as they apply)

1. ☐ Percentage/acreage of property to be altered:

(a) within Wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

2. ☐ Assessor's Map or right-of-way plan of site

3. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetland jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

a. ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

b. ☐ Photographs representative of the site

c. ☐ MESA filing fee (fee information available at: <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/mesa-fee-schedule.html>)

Make check payable to "Natural Heritage & Endangered Species Fund" and mail to NHESP at above address

Projects altering 10 or more acres of land, also submit:

d. ☐ Vegetation cover type map of site

e. ☐ Project plans showing Priority & Estimated Habitat boundaries

d. OR Check One of the following

1. ☐ Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, <http://www.mass.gov/eea/agencies/dfg/dfw/laws-regulations/cmr/321-cmr-1000-massachusetts-endangered-species-act.html#10.14>; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. ☐ Separate MESA review ongoing.

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a. NHESP Tracking Number

b. Date submitted to NHESP

3. ☐ Separate MESA review completed.

Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review...

2. For coastal projects only, is any portion of the proposed project located below the mean high waterline or in a fish run?

a. ☒ Not applicable - project is in inland resource area only

b. ☐ Yes ☐ No

If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode Island, and the Cape & Islands:

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 S. Rodney French Blvd
New Bedford, MA 02744

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

If yes, it may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office.
For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional office.

3. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

a. ☐ Yes ☒ No

If yes, provide name of ACEC (see instructions to WPA Form 3 or DEP Website for ACEC locations). **Note:** electronic filers click on Website.

b. ACEC Name

4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

a. ☐ Yes ☒ No

5. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L.c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L.c. 130, § 105)?

a. ☐ Yes ☒ No

6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

a. ☐ Yes, Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:

1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook

☐ Vol.2, Chapter 3)

2. A portion of the site constitutes redevelopment

☐

3. Proprietary BMPs are included in the Stormwater Management System

☐

b. ☒ No, Explain why the project is exempt:

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1. ☒ Single Family Home
2. ☐ Emergency Road Repair
3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department by regular mail delivery.

1. ☐ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. ☒ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.
3. ☒ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
4. ☒ List the titles and dates for all plans and other materials submitted with this NOI.

a. Plan Title:	b. Plan Prepared By:	c. Plan Signed/Stamped By:	c. Revised Final Date:	e. Scale:
72 COLONIAL ROAD SITE PLAN	CHRISTOPHER C. CHARLTON	CHRISTOPHER C. CHARLTON	11/16/2020	1? = 20'
72 COLONIAL ROAD SEPTIC SYSTEM DESIGN	MICHAEL DIMODICA	JEFFREY A. BREM	10/2/2020	1? = 20'

5. ☒ If there is more than one property owner, please attach a list of these property owners not listed on this form.

6. ☐ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.

7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.

8. ☒ Attach NOI Wetland Fee Transmittal Form.

9. ☐ Attach Stormwater Report, if needed.

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E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number	2650	3. Check date	11/20/20
4. State Check Number	Mastercard	5. Check date	11/20/20
6. Payer name on check: First Name	John Hefporm +	7. Payer name on check: Last Name	Sarah Davis

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

CO-owners
1. Signature of Applicant

3. Signature of Property Owner(if different)

5. Signature of Representative (if any)

2. Date

4. Date

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

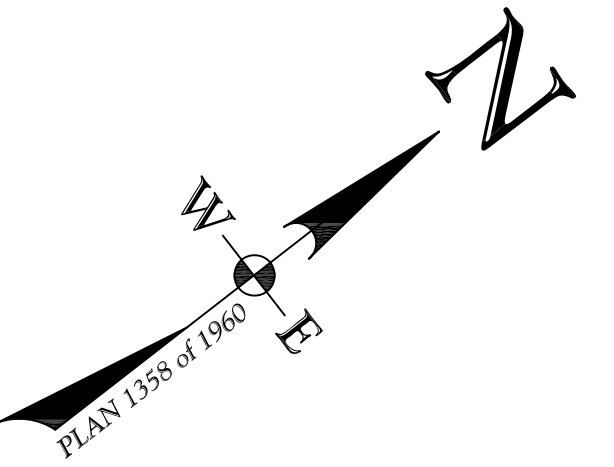
For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a copy of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in Section C, Items 1-3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



PARCEL ID: G08-0033
N/F
CAROL S. TOPHAM
BK 27768; PG 165

FEMA MAP
25017C0368F
EFF. 7/7/2014

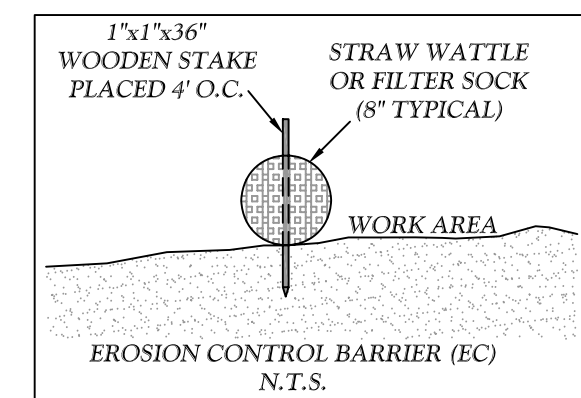
TOTAL AREA
119,400(M) +/-S.F.

ASSESSOR'S PARCEL #
H08-144

ASSESSOR'S PARCEL #
H08-145

No. 75-77 HUDSON STREET
N/F
TOWN OF SUDBURY
BK 12468; PG 517

No. 66 COLONIAL ROAD
N/F
CHIN & HERZOG
BK 68593; PG 206



EC = EROSION CONTROL:
FILTER SOCK OR
COMPOST/STRAW WATTLE
STAKED IN PLACE. MAINTAIN
UNTIL SOIL STABLE

PREPARED FOR:
JOHN HALPORN
72 COLONIAL ROAD
SUDBURY, MA

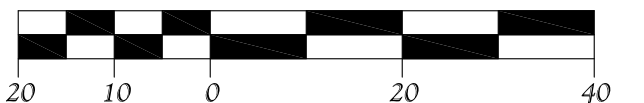
REFERENCES:
DEED: BOOK 33149, PAGE 429
PLAN: No. 1358 of 1960

THE LOT SHOWN AND THE
IMPROVEMENTS THEREON LIE
WITHIN A WATER RESOURCE
PROTECTION DISTRICT ZONE III

ZONING DISTRICT: A-RES

COLONIAL (PUBLIC - 50' WIDE) ROAD

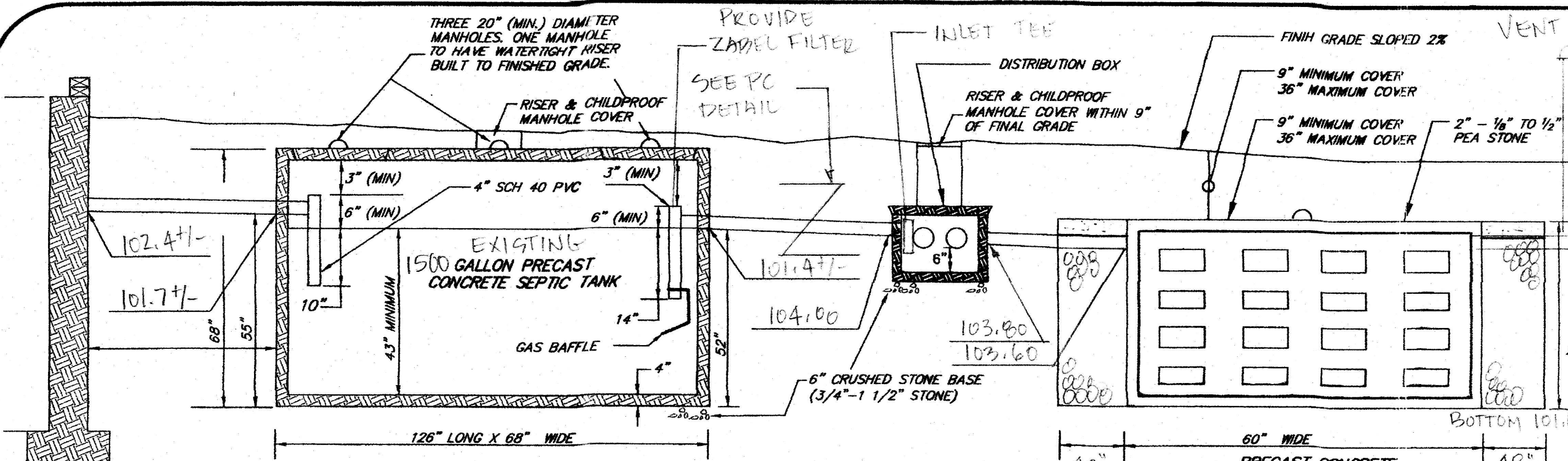
SITE PLAN
LOCATED AT
72 COLONIAL ROAD
ASSESSORS PARCELS # H08-144 & H08-145
SUDBURY, MA
MIDDLESEX COUNTY
CONTINENTAL LAND SURVEY, LLC
105 BEAVER STREET, FRANKLIN, MA
(508) 528 - 2528
SCALE: 1"=20' NOVEMBER 16, 2020



I CERTIFY THAT THIS
PLAN WAS CREATED BY
AN INSTRUMENT
SURVEY ON THE
GROUND AND THAT ALL
STRUCTURES ARE
LOCATED AS SHOWN
HEREON.



CHRISTOPHER C. CHARLTON, PLS



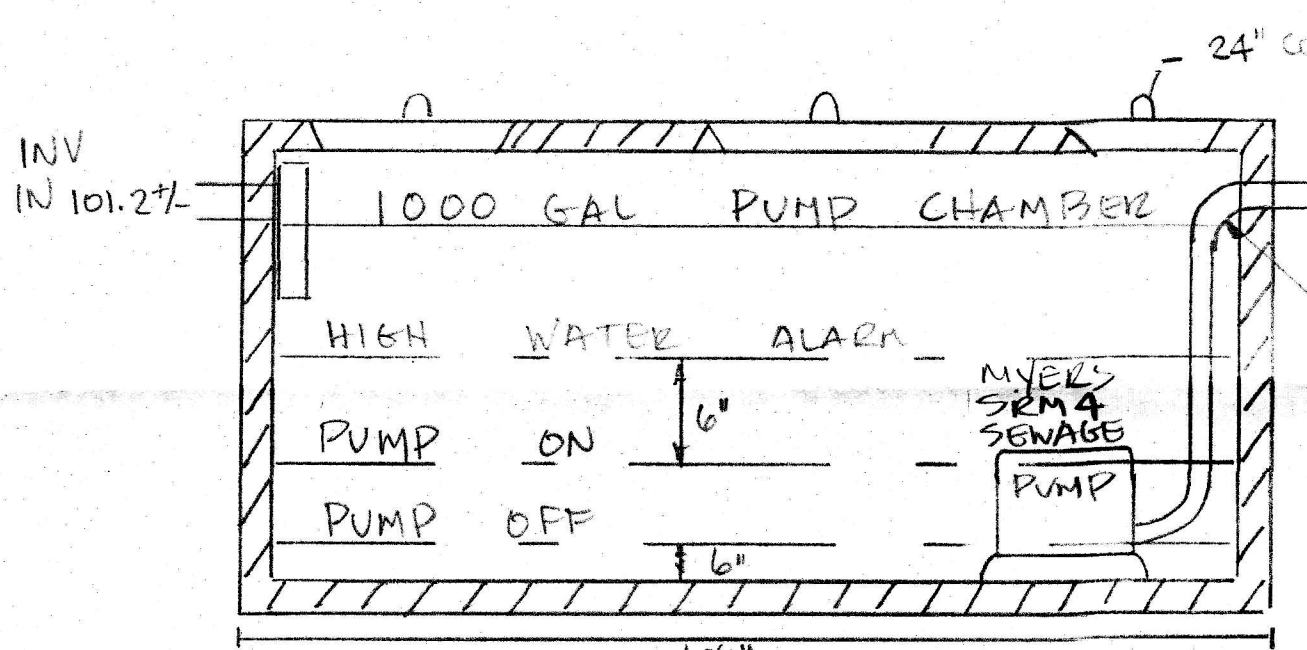
PROFILE
NOT TO SCALE

SCHEDULE OF ELEVATIONS

DESIGN	AS-BUILT
INV. @ FOUNDATION	102.4'±
INV. @ S.T. INLET	101.7'±
INV. @ S.T. OUTLET	101.4'±
INV. @ D-BOX INLET	104.00
INV. @ D-BOX OUTLET	103.80
DRYWELL IN	103.60
BOTTOM OF DRY WELL	101.60

PUMP NOTES:

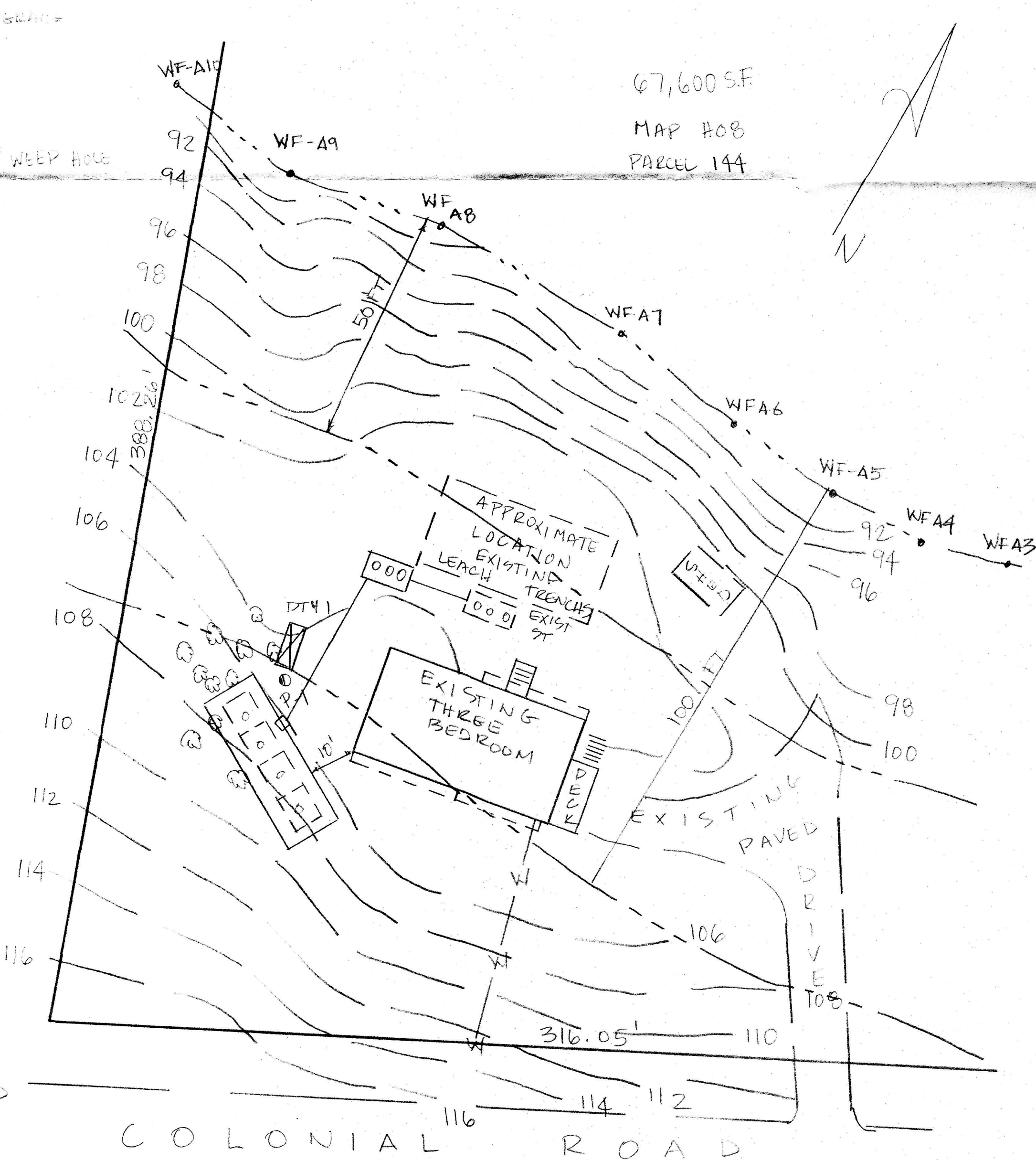
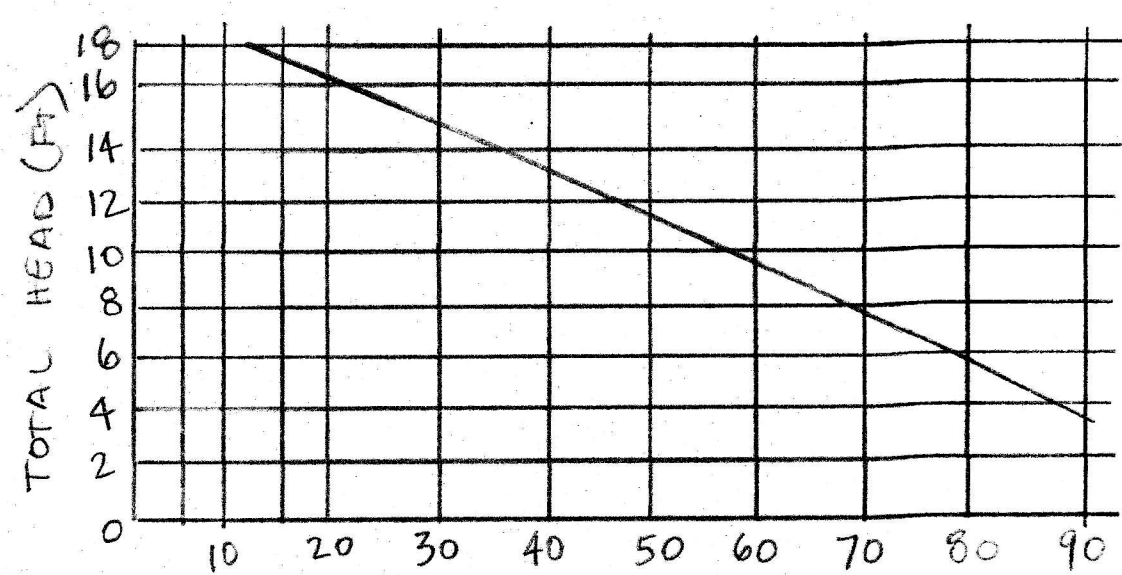
1. PUMP AND ALARM SHALL BE ON SEPARATE CIRCUIT.
2. 1/4" DRILL HOLE SHALL BE PROVIDED IN FORCE MAIN FOR DRAIN.
3. FORCE MAIN SHALL BE INSTALLED TO PROVIDE POSITIVE DRAINAGE TO PUMP CHAMBER.
4. PUMP SHALL BE EQUIPPED WITH MERCURY FLOAT SWITCHES FOR ON, OFF, AND HIGH WATER ALARM. THE ALARM SHALL INCLUDE AUDIO/VISUAL SIGNALS.
5. PUMP CHAMBER & SEPTIC TANK SHALL BE SET ON 6" STONE AND WATER TIGHT.



1000 GALLON PUMP CHAMBER DETAIL

PUMP DESIGN:

1. VOLUME: 481 S.F. x 1/12 FT = 40.1 GF ⇒ 300 GAL
2. HEAD: STATIC HEAD 104.0 - 97.0 = 7.0 FT
35 FT 2" d SCH 40 PVC ⇒ EQUIV LENGTH = 59 FT
H_P = 59 FT x 5.542 FT = 3.27
TOTAL HEAD = 7.0 + 3.27 = 10.27 FT
Q = 60 GPM @ 10.3 FT
PUMP RUNTIME = 5 MIN
HT OF FLOAT = 13 IN



SOIL TEST DATA:

WITNESSED BY: B. MURPHY		DATE: 9-3-20		PERFORMED BY: M.J. DIMODICA	
DEPTH	SOIL TYPE	PERC. RATE	STABILIZED RATE	WITNESSED BY	
0-24"	FILL			B. MURPHY	
24"-29"	LS				
29"-39"	LS				
39"-108"	SAND				
108"-110"	LS				
110"-116"	BOULDERS				

PERCOLATION TEST DATA

PERC. NO.	DATE	DEPTH	STABILIZED RATE	WITNESSED BY
P-1	9-3-20	48"	3 MPI	B. MURPHY

DESIGN INFORMATION

DESIGN FLOW: 400 BPD @ 110 BPD	=	440 BPD
DESIGN PERC RATE:	=	3 MPI
DESIGN LOAD AREA:		
SIDEWALK AREA (2)(13) + (2)(2)(3)	=	200 SF
BOTTOM AREA (13)(37)	=	481 SF
TOTAL SF PROVIDED	=	681 SF
TOTAL SF REQUIRED	=	595 SF

SEPTIC TANK:

EXISTING 1500 GALLON TANK SAME CHAIN

WARNING
EXISTING UTILITY LINES INDICATED OR NOTED ON THESE DRAWINGS ARE SHOWN AS OBTAINED FROM AVAILABLE INFORMATION AND ARE ONLY APPROXIMATE IN LOCATION. THE CONTRACTOR SHALL TAKE CAUTION TO AVOID DAMAGE TO EXISTING UTILITY LINES AND/OR HARM TO PERSONNEL ENGAGED IN WORKING IN THESE AREAS.
CALL "DIG SAFE" 1 (888) DIG-SAFE (1 (888) 344-7233)
EXISTING LINES OTHER THAN THOSE INDICATED ON THESE DRAWINGS MAY BE ON THE SITE. THE CONTRACTOR IS WARNED TO PROCEED WITH CAUTION WITH ALL WORK, ESPECIALLY EXCAVATION WORK, AND TO MAKE ALL POSSIBLE INVESTIGATIONS AS TO POSSIBLE UNMARKED UTILITY LINES.

NOTES:

1. ELEVATIONS REFER TO BENCHMARK
2. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF TITLE 5 OF THE MASSACHUSETTS STATE ENVIRONMENTAL CODE AND THE BOARD OF HEALTH REGULATIONS OF THE TOWN OF SUDBURY (WHERE APPLICABLE).
3. FINISH GRADING SHALL BE COMPLETED IN ACCORDANCE WITH THE DETAILS AS SHOWN HEREON.
4. HEAVY CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED TO PASS OVER THE LEACHING AREA.
5. ALL WASHED STONE TO BE DOUBLE WASHED.
6. ALL TIGHT JOINT PIPING SHALL CONSIST OF POLYVINYL CHLORIDE (PVC) SCHEDULE 40 PIPE OR AS SPECIFIED.
7. THE SEPTIC TANK SHOULD BE INSPECTED ANNUALLY AND SHOULD BE PUMPED WHEN THE DEPTH OF THE SOLIDS EXCEEDS 3/4 THE LIQUID DEPTH OF THE TANK.
8. LIMIT OF EXCAVATION: ALL TOPSOIL, ORGANIC SUBSOIL, LARGE BOULDERS AND DELETERIOUS MATERIAL SHALL BE EXCAVATED AND REMOVED FROM THE LEACHING AREAS AND TO A DISTANCE OF 5 FEET FROM THE PERIMETER OF SAID AREAS. BACKFILL AS REQUIRED WITH SUITABLE FILL.
9. ALL FILL MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF REGULATION 15.255(3) OF TITLE 5 OF THE MASS. STATE ENVIRONMENTAL CODE 310 CMR. FILL SHALL BE GRADED SO THAT LESS THAN 10% PASSING A NO. 4 SIEVE SHALL PASS A NO. 100 SIEVE. ALL FILL SHALL HAVE A PERCOLATION RATE OF LESS THAN TWO MINUTES PER INCH. ALL FILL SHALL BE APPROVED BY THE DESIGN ENGINEER AND THE AGENT FOR THE BOARD OF HEALTH.
10. ANY ALTERATION TO THE APPROVED SYSTEM MUST BE APPROVED BY THE DESIGN ENGINEER AND THE BOARD OF HEALTH FOR APPROVAL PRIOR TO CONSTRUCTION.
11. THE SYSTEM SHALL BE INSPECTED DURING CONSTRUCTION BY A REPRESENTATIVE OF THE DESIGN ENGINEER AND THE AGENT FOR THE BOARD OF HEALTH. A CERTIFIED FOUNDATION LOCATION PLAN WITH THE ELEVATION OF THE TOP OF THE FOUNDATION SHALL BE PROVIDED PRIOR TO ANY INSPECTIONS. THE DESIGN ENGINEER SHALL PREPARE FINAL AS-BUILT PLANS INCLUDING A CERTIFICATION THAT THE SYSTEM HAS BEEN LOCATED AND CONSTRUCTED IN COMPLIANCE WITH THE TERMS OF THE DISPOSAL WORKS CONSTRUCTION PERMIT IF REQUIRED.
12. NO SURFACE DRAINS OR FOUNDATION DRAINS ARE PROPOSED.
13. THE FIRST 2 FEET OF HEADER PIPES TO THE LEACH FIELD ARE TO BE LEVEL.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, SIZE AND ELEVATIONS OF ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS PRIOR TO AND/OR DURING CONSTRUCTION. THE DESIGN ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION SO THAT REMEDIAL ACTION MAY BE TAKEN BEFORE PROCEEDING WITH CONSTRUCTION.
15. THE OWNER/OR CONTRACTOR SHALL VERIFY ALL ZONING REQUIREMENTS FOR CONFORMANCE PRIOR TO ANY CONSTRUCTION. THE LOCATION OF ALL STRUCTURES IS THE RESPONSIBILITY OF THE OWNER AND NOT THE DESIGN ENGINEER. THE OWNER SHOULD UTILIZE THE SERVICES OF A PROFESSIONAL LAND SURVEYOR TO LOCATE ALL PROPOSED STRUCTURES.
16. COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF THE BOARD OF HEALTH, CONSERVATION COMMISSION, AND OTHER TOWN/CITY AGENCIES IS MANDATORY AND IS THE RESPONSIBILITY OF THE OWNER. THE OWNER IS HEREBY NOTIFIED THAT ANY CONSTRUCTION WITHIN 100 FEET OF A REGULATED WETLAND USUALLY REQUIRES AN ORDER OF CONDITIONS FROM THE CONSERVATION COMMISSION OR MASS DEP PER 310 CMR ET. SEQ.
17. ALL PRECAST STRUCTURES SHALL BE SHEA CONCRETE PRODUCTS OR APPROVED EQUAL.
18. DESIGN IS NOT INTENDED FOR USE WITH A GARBAGE DISPOSAL. BACKWASH SHOULD BE DISPOSED OF IN A SEPARATE DRYWELL.
19. TEST HOLE INFORMATION SHOWN HEREON IS LIMITED TO SOIL CONDITIONS FOUND AT THAT PARTICULAR TEST HOLE LOCATION AND IS NOT TO BE CONSIDERED AN IMPLIED OR EXPRESS WARRANTY OF SOIL CONDITIONS BEYOND THE LIMITS OF SUCH TEST HOLES.
20. THIS PLAN IS THE RESULT OF AN ON THE GROUND SURVEY PERFORMED BY M.J. DIMODICA INC. UTILITY LOCATIONS ARE BASED ON FIELD OBSERVATIONS, AVAILABLE RECORDS AND INFORMATION. M.J. DIMODICA INC. DOES NOT WARRANT LOCATION, CHARACTER NOR ELEVATIONS OF ALL UNDERGROUND UTILITIES NOR THE LOCATION.
21. A GARBAGE DISPOSAL SHALL BE LOCATED WITHIN 100 FEET OF THE SEPTIC TANK.
22. WETLAND FLAGGING, BOUNDARY, HOUSE LOCATION AND TOPOGRAPHY BY GILLES.

LEGEND

- 120 FINISH GROUND
- 120 EXISTING GROUND
- 120.4 EXISTING SPOT GRADE
- 120.4 PROPOSED SPOT GRADE
- ... EDGE OF WETLAND
- PERCOLATION TEST
- DEEP TEST HOLE
- W WATER LINE
- ETC ELECTRIC, TELEPHONE, CABLE AND GAS LINE
- G GAS LINE
- LIMIT OF EXCAVATION

SUBSURFACE SEWAGE DISPOSAL SYSTEM

72 COLONIAL ROAD
SUDBURY, MA

PREPARED FOR:
JOHN HALPORN
72 COLONIAL ROAD
SUDBURY, MA
OCTOBER 1, 2020



SCALE: 1" = 20'



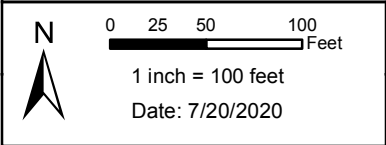
PREPARED BY:

M. J. DIMODICA
19 CHRISTOPHER LANE, SUDBURY, MA 01776 • (508) 443-8433
mjdimodica@verizon.net



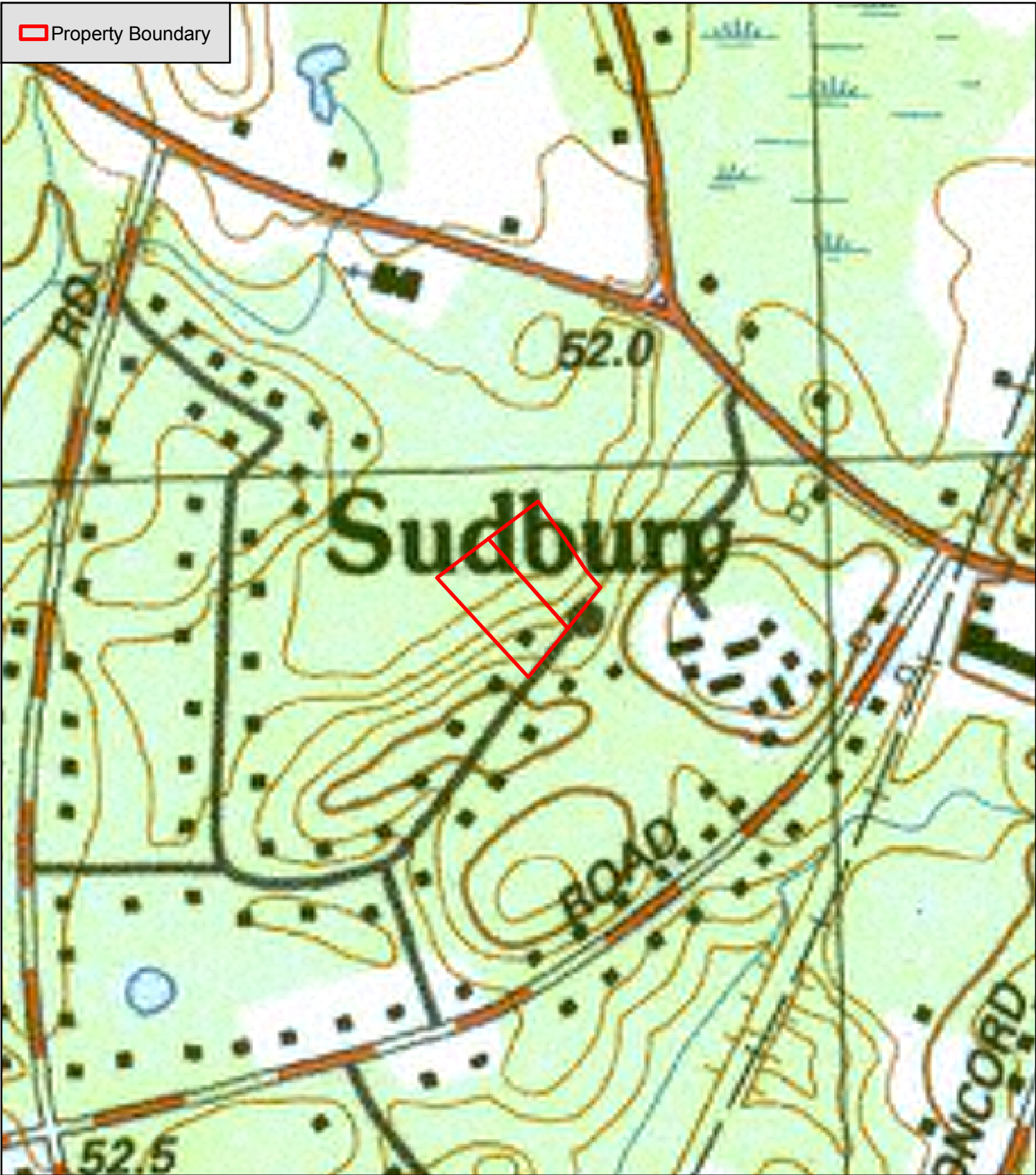
Orthophoto View of Site

72 Colonial Road - Sudbury, MA



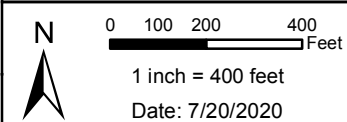
GIS Data Source: "Bureau of Geographic Information (MassGIS), Commonwealth of Massachusetts, Executive Office of Technology and Security Services"





USGS Site Locus

72 Colonial Road - Sudbury, MA



GIS Data Source: "Bureau of Geographic Information (MassGIS), Commonwealth of Massachusetts, Executive Office of Technology and Security Services"



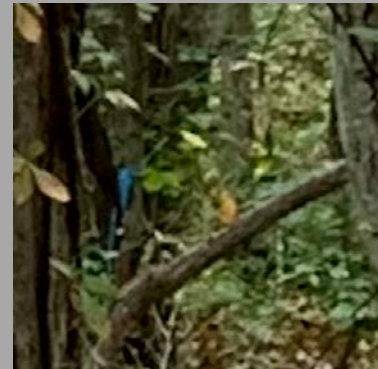
72 Colonial Road Garage Project Photos – Page 1 of 3
John Halporn and Sarah Davis Homeowners
November 20, 2020



New Garage
29 ft x 33 ft, 957 sq ft.
Markers highlight corners



White Pine to be
removed



Blue Wetland Border
Flag

72 Colonial Road Garage Project Photos – Page 2 of 3
John Halporn and Sarah Davis Homeowners
November 20, 2020



Existing
Drive Top



Existing
Drive
Bottom

72 Colonial Road Garage Project Photos – Page 3 of 3
John Halporn and Sarah Davis Homeowners
November 20, 2020



Area to be
replaced
with
pervious
material

Pervious
Drive to be
removed,
1700 sq ft
total



No berm or
storm
drain

Roadway
runoff
toward
wetland

Notification to Abutters
Under the Massachusetts Wetlands Protection Act
and the Sudbury Wetlands Administrative Bylaw

In accordance with the second paragraph of Massachusetts General Laws Chapter 131,
Section 40, you are hereby notified of the following:

- A. The name of the **Applicant** is John Halporn
- B. The Applicant has filed a Notice of Intent with the Sudbury Conservation Commission seeking permission to work in an Area Subject to Protection (Wetland Resource Area and/or Buffer Zone) under the Massachusetts Wetlands Protection Act (General Laws Chapter 131, Sec.40) and the Town of Sudbury Wetlands Administrative Bylaw.
- C. The **address** of the lot where the activity is proposed: 72 Colonial Rd
- D. The **proposed activity** is: ① Build garage with shop above 29ft x 33ft.
② Replace septic field in new location outside of buffer zone.
③ Remove asphalt driveway, reconfigure permeable driveway
- E. A **Public Hearing** regarding this Notice of Intent will be held on:
Monday, _____ **at 6:30 PM.**
- F. **Public Participation will be via Virtual Means Only** - In light of the ongoing COVID-19 coronavirus outbreak, Governor Baker issued an emergency Order on March 12, 2020, allowing public bodies greater flexibility in utilizing technology in the conduct of meetings under the Open Meeting Law. The Town of Sudbury Conservation Commission greatly values the participation of its citizens in the public meeting process, but given the current circumstances and recommendations at both the state and federal levels to limit or avoid public gatherings, including Governor Baker's ban on gatherings of more than 10 people, together with the present closure of Sudbury Town Hall and other public buildings to the public, the Town has decided to implement the "remote participation" procedures allowed under Governor Baker's emergency Order for all boards, committees, and commissions.
- G. **The public may participate in this meeting via Remote Participation:**
- From your computer, smart phone or tablet:
- _____
 - Meeting ID: _____
 - From your phone: 978-639-3366 or 470 250 9358
- H. Copies of the Notice of Intent may be examined by visiting this Website:
<https://sudbury.ma.us/conservationcommission/meetings/>
- I. Copies of the Notice of Intent may be obtained from either The Applicant, ~~or the Applicant's representative~~ by calling this telephone number:
617-901-5878 between the hours of 8AM - 9PM or john.halporn@gmail.com

Note: Public Hearing Notice, including its date, time, and place, will be published at least 5 days in advance in either the Sudbury Crier or MetroWest newspapers (at the applicant's expense).

