Town of Thompson
Inland Wetlands Commission
815 Riverside Drive
North Grosvenordale, CT 06255
860-923-1852 (Office)

INLAND WETLANDS COMMISSION
TUESDAY, MAY 12, 2020 7:00PM
ZOOM VIRTUAL MEETING

A) Call to Order & Roll Call – The call to order was by Chairman George O'Neil at 7:04pm.

Present – Chair George O'Neil, Vice Chair and Commissioner H. Charles Obert, Treasurer and Commissioner Diane Chapin, Commissioner Francesca Morano, Alternate Commissioner Barbara Roach, Marla Butts; Wetlands Agent, First Selectman Amy St. Onge, Ashley Pomes; Recording Secretary

Others Present – Scott Josey, Roger Gibson, multiple members of the public

- **Motion made by Commissioner Obert seconded by Commissioner Morano to add Election of Officers to the agenda under Other Business carried unanimously.**

B) Appointment of Alternates – Chair O'Neil appoints alternate Commissioner Roach as a voting member of the Commission

C) Action on Minutes of Previous Meeting

a) Minutes of March 10, 2020 – **Motion made by Commissioner Obert seconded by Commissioner Morano to accept the minutes as written carries unanimously.**

D) Citizens Comments on Agenda Items - None

E) Applications

a) Old Applications

1. **WAA20004** Richard T. Audet, 50 Wrightson Dr, Assessor's map 143, block 17, lot 18, construct 20' X 24' shed on piers in the 100-foot upland review area for Quaddick Reservoir, stamped received by Town Clerk 2/5/2020. – The Commission has multiple questions surrounding the construction of this shed, they would like to know where the location of the leach field is and also how the run-off water from the roof of the shed will be handled. The Commission viewed drawings from the well drilling from 2002 that show where the well is located as well as the septic tank, but the leach field location is not included in these drawings. M. Butts will send a letter to Mr. Audet to address these issues. No further action is needed by the Commission at this time.

b) New Applications

1. **WAA20009** Hallet T. Merrick, 0 Plum Road, Assessor's map 85, block 52, lot 12, construction of single-family home, septic system and portion of home proposed in 100-foot upland review area, stamped received by Town Clerk's Office 4/13/2020. – Letter from Building Dept included in agenda, states the portion of Plum Rd that Mr. Merrick wants the driveway permit for needs multiple improvements before he can get the approval for the house. M. Butts has sent a letter to Mr. Merrick asking for submission by July 1, 2020 a full scale drawing signed and sealed by a professional engineer with erosion and sediment control measures identified to prevent unnecessary siltation of the nearby wetlands during construction and also a copy of the Northeast District Dept of Health's letter approving the design of the septic system that is located within the 100-ft upland review area.
2. **DEC20010** Valerie Clark, 0 Alms Rd (2 lots), Assessor's map 120, block 18, lots 1 & 1A, timber harvest, received 4/27/2020. – M Butts states this is a simple straight forward timber harvest with a start date of June 2020 and to be completed by June 2021, they are working in a 32-acre area and want to do a salvage cut for timber improvement due to gypsy moth damage. Commissioner Obert is concerned about them crossing wetland areas with heavy equipment during extended rainy/muddy times. M. Butts states she can send a cover letter with a copy of the signed version of the timber harvest request to her indicating Commissioner Obert's concerns and requesting to cease any work during heavy rains. Commissioner Roach says in the application it states they will be harvesting during dry or frozen conditions. **Motion made by Commissioner Obert seconded by Commissioner Chapin to issue the harvest permit carried unanimously.** M. Butts will send a letter with the signed permit stating Commissioners' concerns.
3. **IWA2001**1 James Jasmine, 518 Brandy Hill Rd, Assessor's map 143, block 16, lot 37, after-the-fact application for partial demolition of retaining wall and construction of new retaining wall on Quaddick Reservoir, stamped received by Town Clerk 5/6/2020. – The concern with this is the wall extends into the water 4 feet as per J&D Civil Engineers, and this might not be the homeowner's property. DEEP owns the water rights and there is a question as to who owns the lake bottom. At this time the application is only being received and there is no decision to be made by the Commission for at least 30 days.
4. **WAA20012** J and J Construction, 484 & 486 Quaddick Town Farm Rd, Assessor's map 158, block 20, lots 8I & 8J, earth excavation & grading for future residential development, stamped received by Town Clerk 5/6/2020. – M. Butts states during researching about this application she found there is no Secretary of State recording of J and J Construction as a registered corporate entity. Per an email from Janet Blanchette of J&D Civil Engineers, the name on the application to be

changed from J and J Construction to the applicant's name of Richard Desrochers. M. Butts also states revised plans will be coming in that shows a reduced amount of work in the upland review area. As this is a Wetlands Agent approval application M. Butts will receive and look at the revised plans when they come in and bring them to the Commission next meeting. She will invite any citizens comments on those plans when she has them.

c) Applications Received After Agenda was Published

1. WAA20014, Madison Avenue Investments, LLC, 0 Madison Avenue (subdivision Lot 9), Assessor's map103, block 31, lot 6I, construction of a new single family home's septic system in the 100-foot upland review area, stamped received by the Wetlands Office 5/11/2020 – M. Butts states the application under review by M. Butts.

F) Permit Extensions / Changes

a) IWA15004 Frog Rock, LLC, 0 Sunset Hill Rd, Assessor's map 103, block 40, lot 3E, request for 6-month extension of permit for construction of a driveway from Sunset Hill Rd across wetlands/watercourses for existing residence that is currently accessed through 36 Terrace Dr., stamped received 3/30/2020. – The request for extension did come in prior to the expiration of Permit IWA15004 on April 14, 2020 but due to a cancelled April 21, 2020 IWC meeting this was delayed in getting a response. M. Butts states she has never seen any problems with this site while going out for visits and she recommends accepting the extension. **Motion made by Commissioner Obert seconded by Commissioner Roach to grant the 6-month extension carried unanimously.**

G) Active Violations & Pending Enforcement Actions

a) Cease & Restore Order VIOL20003 Scott Josey, 637 East Thompson Road, Assessor's map 154, block 5, lot 14: filling of wetlands and work within 100-foot upland review area, issued 3/5/2020, hearing and decision 3/10/2020 requiring submission of soil scientist report by4/21/2020 and work completed by 5/11/2020. – Mr. Josey and soil scientist Roger Gibson were present for this Zoom meeting. Mr. Gibson provided a written report as well as photographs describing restoration work to be done to M. Butts and they were posted online with the agenda. The Commission reviewed all these reports and photos will Mr. Gibson further explained them. He states for restoration Mr. Josey will need to cut back the slope along the undisturbed vegetative areas as well as remove fill in the areas shown in photographs and manage the high water flooding across the access road by providing a non-engineered 6-8 inch deep compacted gravel filled swale or ford underlain by a geotextile for non-vehicle use with the exception of ATV usage during non-flooding/drier conditions. Mr. Gibson recommends completing this work later this year when conditions are drier. M. Butts suggests a completion date of Sept. 15th as that will give Mr. Josey time to complete the work and seed and mulch

during the seeding season. **Motion made by Commissioner Obert seconded by Commissioner Morano to approve all implementation of this plan including ground stabilization to be completed by Sept. 15th, 2020 carried unanimously.**

H) Other Business

a) Approval of Bylaw Revisions discussed at 3/10/2020 Meeting – **Motion made by Commissioner Obert seconded by Commissioner Chapin to accept the Bylaw Revisions as presented carried unanimously.**

b) Election of Officers added to agenda by Motion at beginning of the meeting – **Motion made by Commissioner Obert seconded by Commissioner Chapin to carry over the same slate of officers for one more year and close nominations carried unanimously.**

I) Reports

a) Budget & Expenditures – Per Treasurer Chapin, the Commission has 0 encumbrances for this period, an available balance of $7,215.06 and they have used 72% of the budget.

b) Wetlands Agent Report –

Updates- Status of Court Appeal on Application IWA15029, River Junction Estates, LLC is still pending, MS4 Annual Report & Follow Up Actions is still being worked on, no new progress on the pre-1990 file destruction.

Inspection/Followup Actions-

- Complaint 20-01, Filling of standing water along Quaddick Town Farm Road, 497 Quaddick Town Farm Road – M. Butts monitor the area to see if the standing water originally observed is a persistent feature or just a reflection of a storm event and determine what course of action, if any, is warranted given the roadway problems.

- Complaint 20-03 Report of cutting of trees within 100 feet of wetlands and watercourse along abandoned railroad right-of-way crossed Linehouse Rd to Laporte Rd. – M Butts could not see the site from Linehouse Rd, nor could I verify the identity of the individual or individuals who did the cutting. No follow up action is planned.

- Complaint 20-04 Report of cutting of trees south of Sunset Pond at 21 Marcy Lane. – M. Butts has sent a letter and talked to property owner informing him that any earth moving activities to remove the stumps may need approval by the Commission. She will photo document conditions the next time she performs field work.

- Complaint 20-05 Report of dumping of pony manure in wetlands off of Hiawatha Dr - The ZEO has visited the site and confirmed manure has been placed in or along wetlands that drain to Quaddick Reservoir. This complaint requires a field inspection.

- Complaint 20-06 Report of clearcutting of trees in the 100-foot upland review area at 208 Linehouse Rd – I visited the site and found very large pine trees had been clearcut

in the back yard of 208 Linehouse Rd. and slash along with some soil had been pushed to the wetlands edge. I spoke to Joseph Fagan who lives at the property. He reported the trees were cut to reduce potential damage to the house. He reported a tree had fallen on the garage in the recent past causing damage. He agreed that the slash and associated fill can be pulled back from the wetlands edge and stabilized. He understands he will be getting a Notice of Violation instructing him to do the same. That NOV is in the process of being issued.

Building Permits Reviewed- 108 Gawson Rd, 1291 Thompson Rd, 175 Hill Rd, 4 Bonnette Ave, 0 Heritage Circle Lot #4, 22 Fabyan-Woodstock Rd

Miscellaneous - Posted draft Zoning Regulation revisions – On May 1st M. Butts emailed Town Planner Tyra Penn-Gesek a memo containing her comments on the draft zoning regulations that have been posed on the Town's webpage for public comment. She offered to email a copy of memo of Commissioner requests it.

J) Correspondence – none

K) Signing of Mylars - none

L) Comments by Commissioners – Commissioner Roach states the Zoom meeting seems to work well.

M) Adjournment – **Motion made by Commissioner Morano seconded by Commissioner Chapin to adjourn the meeting at 8:31pm carried unanimously.**

See/Hear the meeting on Zoom, copy and paste to your search bar:

https://us02web.zoom.us/rec/share/2epOMoPA0GNLaZ3Hqwbyf60EGa7IT6a813Mc-fVczEbH0Dbju1qIHWznp6DLTU-A

Password: 6e%5$ln2

Respectfully Submitted

Ashley Pomes; Recording Secretary

Town of Thompson
Inland Wetlands Commission
815 Riverside Drive
North Grosvenordale, CT 06255
860-923-1852 (Office) email: wetlands@thompsonct.org

May 28, 20200

Richard T. Audet
50 Wrightson Drive
Thompson, Ct 06277

RE: Request for Information to Process Application WAA20004
50 Wrightson Drive, Thompson

Dear Mr. Audet,

On March 20, 2020 I sent you an email (copy attached to this letter) asking you to provide information regarding the location of the homes septic system leach field in relation to the piers for the proposed shed. I also asked how you intended to address roof runoff given the close proximity of the proposed shed to the very steep embankment ending at the waterline for Quaddick Reservoir. To date I have not received any response to that email.

In the absence of the requested information I will find it necessary to deny your request for a wetlands agent approval. Should that occur your will be notified by certified mail of my decision. Additionally a legal notice of my decision will be subsequently published in the Thompson Villager and you will have 14 days from the date of that publication to appeal my decision to the Inland Wetlands Commission for reconsideration.

Please submit the requested information by June 8, 2020. If you have any questions please contact me. Thank you, in advance, for your cooperation.

Sincerely

Marla Butts
Wetlands Agent

File: ltr request for info WAA20004

Attachment as stated.
cc via email: Thompson Building Office
Thompson Zoning Enforcement Officer
Sherry McGann, Northeast District Department of Health

Date: 03/20/2020 [10:13:44 AM CDT]
From: wetlands@thompsonct.org
To: Richard Audet <audet333@yahoo.com>
Cc: Sherry McGann <smcgann@nddh.org>, "Donna Hall, Building Office" <dhall@thompsonct.org>, "Cynthia Dunne, ZEO" <zeo@thompsonct.org>
Subject: Information Needed on Septic System to Process Application WAA20004

Dear Mr. Audet,

In spite of Town Hall being closed to the public due to Corona virus pandemic I am working remotely and wanted to reach out to you regarding your application for construction of the 20' X 24' shed at 50 Wrightson Drive. I have two issues that need to be resolved. First, the only information that I was able to get from Northeast District Department of Health (NDDH) regarding your septic system is a copy of the well drilling report (see attached). The septic tank is shown in front of the cottage but the location of the leaching field is not shown. Do you know where the leaching field is located? If not, then this needs to be located before I can approve the application to ensure that the piers for the shed do not damage or affect the leaching field. Have you submitted the NDDH B100 application? I will not approved the application for wetlands agent approval without information showing the proposed shed will not adversely affect septic system.

Second, I see from your 3/10/20 email to Sherry McGann at NDDH that you do not plan to install dry wells to control roof runoff because, in your opinion, the soils were sandy making dry wells unnecessary. Infiltration is very limited when the ground is frozen and problems can occur when a rain storm occurs when the ground is frozen. How do you plan to handle roof runoff? The best approach would be to minimize the concentration of flow. If not prohibited by the septic leaching field a stone infiltration trench constructed along the roof drip line would be preferable to gutters. If gutters are proposed then what method will you use to dissipate runoff energies to miminize potential erosion of the very steep bank immediately west of the proposed shed.

Please communicate via email while Town Hall is closed to the public. I am working with the building office to coordinate actions and hope the outstanding issues can be successfully resolved to your benefit. - Marla Butts, Wetlands Agent

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Marla Butts
Thompson Wetlands Agent
860-923-1852, Ext. 1
wetlands@thompsonct.org

CPR-8 Rev. 7/95

0200/378

SCANNED

50.00 CK 5085 ACH 55399 1-10-02

PERMIT NUMBER 211401

EXISTING DUG-well going dry.

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION
REAL ESTATE & PROFESSIONAL TRADES DIVISION

WELL DRILLING PERMIT

165 Capitol Avenue, Hartford, Connecticut 06106

LOCATION OF WELL (Town) THOMPSON (Street) WRIGHTSON Dr. (Lot Number)

DATE 1-10-02

OWNER OF WELL RICH Auder ☑ INDIVIDUAL ☐ BUILDER ☐ OTHER (Specify)

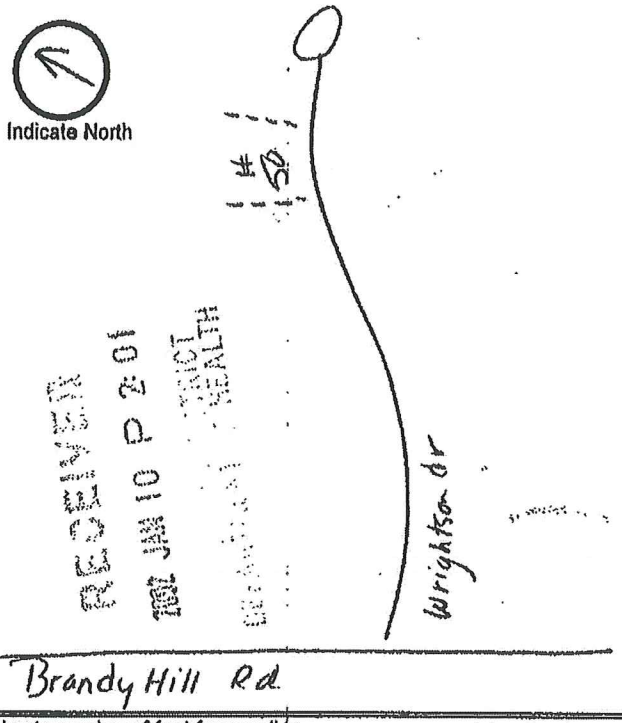
OWNER'S ADDRESS 50 Wrightson dr Thompson CT 06277.

PROPOSED USE OF WELL					Est. No. of People being served.
☑ DOMESTIC	☐ BUSINESS ESTABLISHMENT	☐ FARM	☐ TEST WELL		3
☐ PUBLIC SUPPLY	☐ INDUSTRIAL	☐ AIR CONDITIONING	☐ OTHER (Specify)		

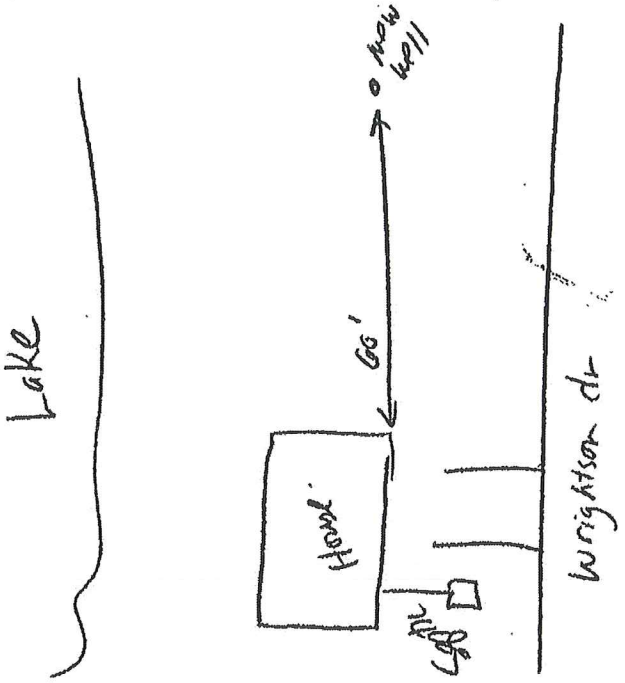
SKETCH OF WELL LOCATION

Locate well with respect to at least two roads, showing distance from intersection and front of lot

location of lot to at least two roads



Well location on to and to house (if present)



RECEIVED
2001 JAN 10 P 2:01
DISTRICT HEALTH

Approximate number of feet from well to nearest source of possible contamination: 75'+

The undersigned is aware that upon completion of the well, a "Well Completion Report" containing construction details and information required under Section 25-131 of the 1969 Supplement to the General Statutes must be sent to the owner, the Department of Consumer Protection and the Water Resources Commission on the form provided by the agency. This permit is not valid until all information is filled in and it has been counter-signed by the Director of Health or his agent. K A Framboise Well Drilling

APPLICANT (Signature)	APPLICANT'S ADDRESS	REGISTRATION NO.
	P.O. Box 303 Thompson CT 06277	13
☒ APPROVED ☐ REJECTED	BY (Town Health Officer or Agent) Maureen Marcoux	DATE 1/14/00

REMARKS

DIRECTOR OF HEALTH

CPR-9 Rev. 7/95

SCANNED

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION
REAL ESTATE & PROFESSIONAL TRADES DIVISION
WELL DRILLING COMPLETION REPORT
165 Capitol Avenue, Hartford, Connecticut 06106

Do NOT fill in
STATE WELL NO.
OTHER NO.

OWNER — NAME: Rich Audet — ADDRESS: 50 Wrightson Dr, Thompson, CT 06277

LOCATION OF WELL — (No. & Street): Wrightson Rd — (Town): Thompson — (Lot Number):

PROPOSED USE OF WELL
- [X] DOMESTIC
- [ ] BUSINESS ESTABLISHMENT
- [ ] FARM
- [ ] TEST WELL
- [ ] PUBLIC SUPPLY
- [ ] INDUSTRIAL
- [ ] AIR CONDITIONING
- [ ] OTHER (Specify)

DRILLING EQUIPMENT
- [ ] ROTARY
- [X] COMPRESSED AIR PERCUSSION
- [ ] CABLE PERCUSSION
- [ ] OTHER (Specify)

CASING DETAILS

LENGTH (feet)	DIAMETER (inches)	WEIGHT PER FOOT			DRIVE SHOE	WAS CASING GROUTED?
90	6	17	[X] THREADED	[ ] WELDED	[X] YES [ ] NO	[X] YES [ ] NO

YIELD TEST

			HOURS	YIELD (GPM)
[ ] BAILED	[ ] PUMPED	[X] COMPRESSED AIR	4	30

WATER LEVEL

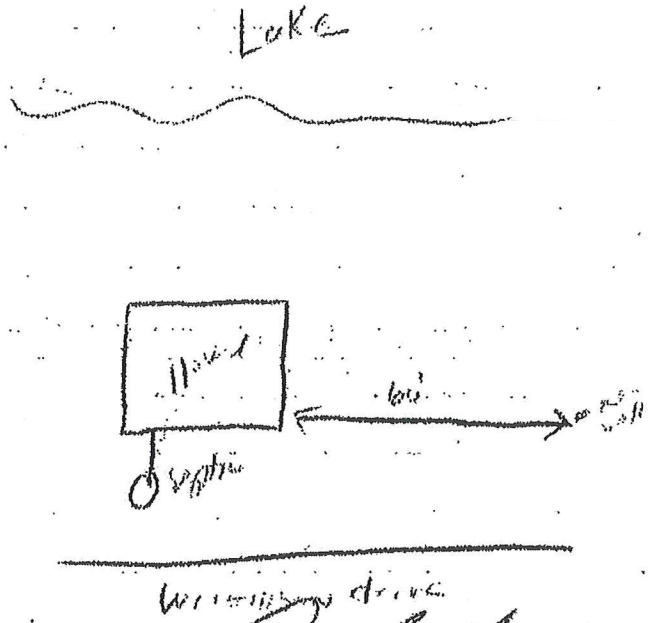
MEASURE FROM LAND SURFACE - STATIC (Specify feet)	DURING YIELD TEST (feet)	Depth of Completed Well in feet
10	100	100

SCREEN DETAILS

MAKE					LENGTH OPEN TO AQUIFER (feet)	
SLOT SIZE	DIAMETER (inches)	IF GRAVEL PACKED:	Diameter of well - including gravel pack (inches)	GRAVEL SIZE (inches)	FROM (feet)	TO (feet)

DEPTH FROM LAND TO SURFACE FEET TO FEET		FORMATION DESCRIPTION
0	80	Sand, Gravel
80	100	Bedrock

Sketch exact location of well with distances, to at least two permanent landmarks



If yield was tested at different depths during drilling, list below

FEET	GALLONS PER MINUTE

DATE WELL COMPLETED	PERMIT NO.	REGISTRATION NO.	DATE OF REPORT	WELL DRILLER (Signature)
1/23/02	211401	13	2/05/02	

LOCAL DIRECTOR OF HEALTH

Town of Thompson
Inland Wetlands Commission
815 Riverside Drive
North Grosvenordale, CT 06255
860-923-1852 (Office) email: wetlands@thompsonct.org

May 4, 2020

Hallet T. Merrick, III
368 Greenwood St
Milbury MA 01527

RE: Wetlands Agent Approval Application WAA20009
Request for Additional Information
0 Plum Rd (Assessor's reference 85/52/12)

Dear Mr. Merrick,

Your application for the construction of a single family home on property known as 0 Plum Rd has been dated received by the Wetlands Office on April 13, 2020. I have conducted a preliminary review of the application along with a joint letter from the Building Official, the Public Works Director and the Zoning Enforcement Officer dated April 29, 2020. To properly process the application I need the following items:

1. A full scale drawing signed and sealed by a professional engineer licensed to practice in Connecticut with erosion and sediment control measures identified to prevent unnecessary siltation of the nearby wetlands during construction (submitted with the application were 8½" X 11" photocopies of portions of a plan developed for Brett & Dorothy Mann by KWP Associates dated 5/10/2016 showing no erosion and sediment control measures) and
2. A copy of the Northeast District Department of Health's letter approving the design of the septic system that is located within the 100-foot upland review area.

Please provide these items by July 1, 2020. If for some reason you are unable to provide them by this time please let me know the reason for delay and an anticipated submission date. Be advised that once the requisite documents are received I am will to issue a wetlands agent approval with a condition that no regulated activities can occur in the 100-foot upland review area until a driveway permit is issued pursuant to Town Ordinance No. 10-053 found in the Thompson Code of Ordinances.

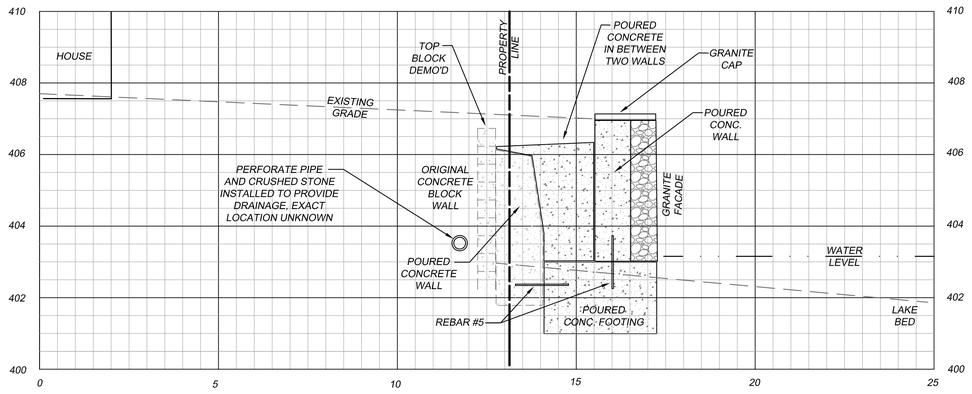
Please feel free to contact me if you have any questions.

Sincerely

Marla Butts
Wetlands Agent

File: ltr Request for Addition Info Appl WAA20009.doc

cc: Thompson Building Official
Thompson Public Works Director
Thompson Zoning Enforcement Officer



RETAINING WALL CROSS SECTION A-A

1" = 2'

SURVEY NOTES:

1. THIS MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARD FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT " AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

SURVEY PURPOSE: TO OBTAIN A WETLANDS PERMIT FOR THE NEW RETAINING WALL

SURVEY TYPE: GENERAL LOCATION

HORIZONTAL ACCURACY: CLASS B

PROPERTY LINES DO NOT EXPRESS A BOUNDARY OPINION.

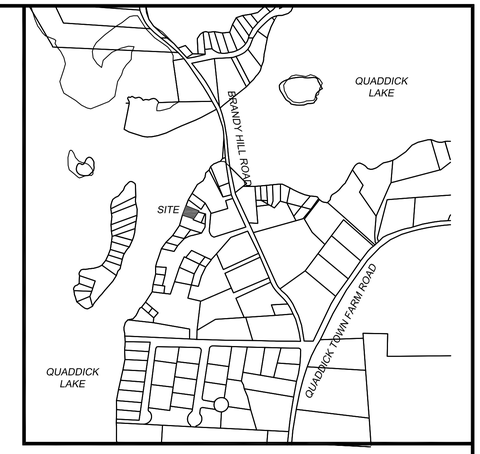
2. TEST PIT AND PERC TEST LOCATIONS HAVE BEEN COMPILED, IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. THIS INFORMATION IS TO BE CONSIDERED APPROXIMATE AND J & D CIVIL ENGINEERS DOES NOT TAKE RESPONSIBILITY FOR SUBSEQUENT ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THIS PLAN AS A RESULT.

3. REFERENCE PLAN:
"PERIMETER SURVEY PREPARED FOR JAMES AND BARBARA JASMIN." BY ARCHER SURVEYING LLC. DATED APRIL 2017. SCALE 1" = 10'

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

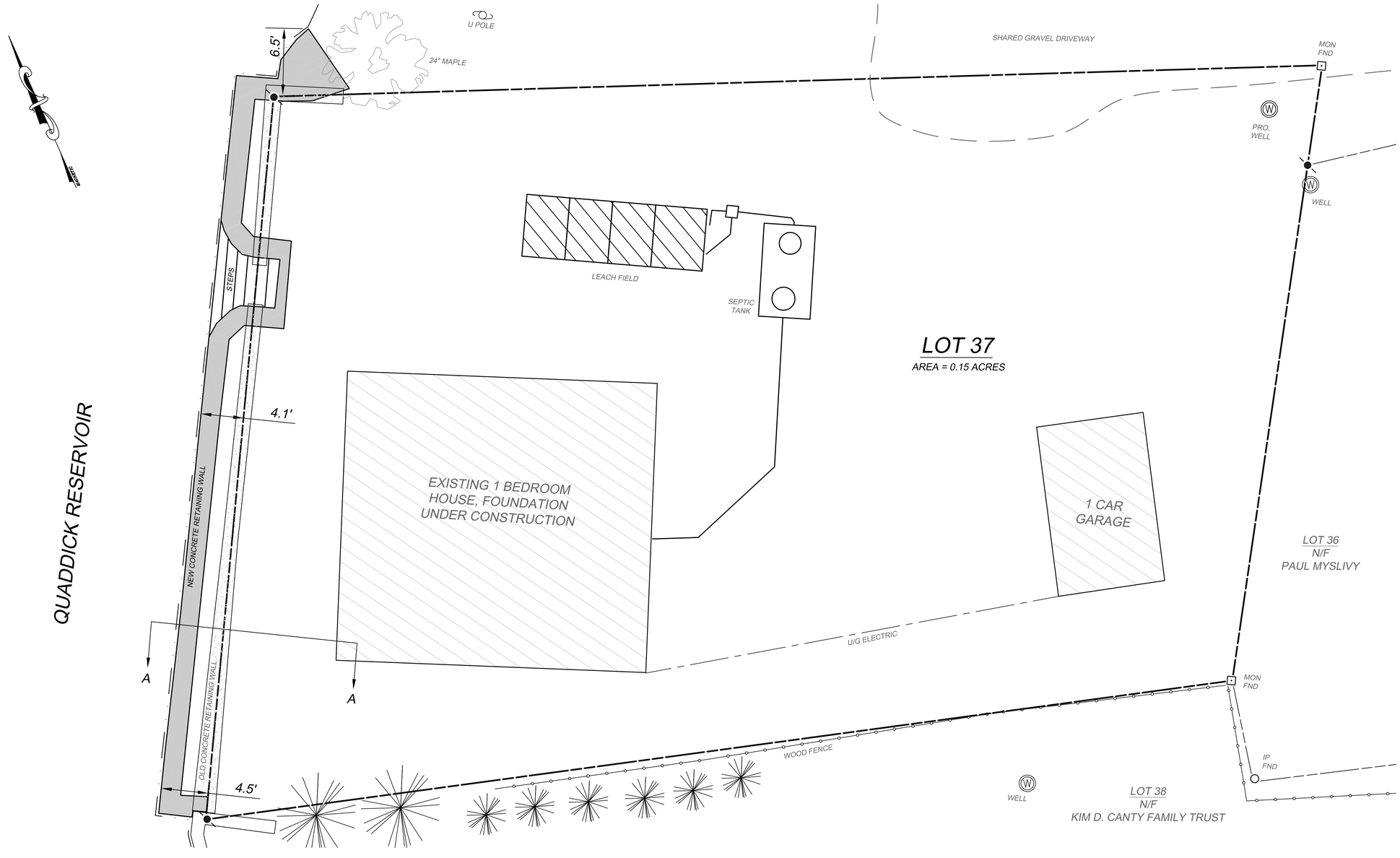
DENNIS R. BLANCHETTE — DATE — 12107 LICENSE

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE



LOCATION MAP

1" = 500'



LEGEND

- WELL
- UTILITY POLE
- PROPERTY CORNER
- EXISTING IP FOUND
- EXISTING MONUMENT FOUND
- PROPERTY LINE
- EDGE OF GRAVEL ROAD
- EDGE OF WATER BODY
- UTILITIES
- FENCE
- PROPOSED RETAINING WALL
- EXISTING RETAINING WALL

0 5' 10' 15'

GRAPHIC SCALE
(IN FEET)
1"=5'

RETAINING WALL AS BUILT
PREPARED FOR
JAMES & BARBARA JASMIN
518 BRANDY HILL ROAD - THOMPSON, CT
MAP 143 BLOCK 16 LOT 37

J&D CIVIL ENGINEERS, LLC
401 RAVENELLE ROAD
N. GROSVENORDALE, CT 06255
860-923-2920

DESIGNED: APS CHECKED: DDB	REVISIONS:
JOB NO: 18219	DATE: MAY 4, 2020
SCALE: 1" = 5'	SHEET: 1 OF 1

Date: 06/06/2020 [08:35:12 AM CDT]
From: wetlands@thompsonct.org
To: James Jasmin <jjasmin.ctp@sbcglobal.net>
Cc: Daniel Blanchette <daniel@jdcivilengineers.com>
Subject: IWC Meeting on Application IWA20011 James Jasmine, 518 Brandy Hill Rd

This is to advise you that the next Inland Wetlands Commission meeting will be held electronically via ZOOM, a videotelephony and online services using the internet and telephones. Attached is the agenda for that meeting. Your permit application is on the agenda for discussion. At the end of the agenda is the contact information to link into that meeting via internet or to call in by telephone. I will provide the Commission with any new information received since last month's meeting. You and your engineer are advised to participate to answer questions the Commission may have regarding the application. Please be prepared to present any new information regarding any actions you have taken to secure the permission of the abutting landowners upon which your retaining wall was built.

If you go to https://zoom.us/docs/en-us/covid19.html you can get information on ZOOM meetings. Should you plan on attending I suggest you try linking in via the internet or phoning at least 5-10 minutes before the scheduled start of the meeting to get your participation in the meeting set up. Should you not attend, I will contact you either by email or in writing regarding any information the Commission feels it needs to render a decision on your application.

On related business I have been advised by the Building Office that you have applied for a building permit for additional construction on the cottage, located in the 100-foot upland review area for Quaddick Reservoir. Please contact me regarding how this work can be processed through the Wetlands Office. Thank you for your attention. – Marla Butts, Thompson Wetlands Agent

Marla Butts
Thompson Wetlands Agent
860-923-1852, Ext. 1
wetlands@thompsonct.org

Date: 06/02/2020 [01:46:59 PM CDT]
From: wetlands@thompsonct.org
To: Janet Blanchette <janet@jdcivilengineers.com>
Cc: "Cynthia Dunne, ZEO" <zeo@thompsonct.org>
Subject: Request for Additional Information, Application WAA20012, 484 & 486 Quaddick Town Farm Rd

Hi Janet,

This is a request to delineate on the site plans for the above referenced application the location of soils to be disturbed in the 100-foot upland review area, regardless if such disturbance results in identified proposed grade changes. This is because some areas of proposed grading may be less than that shown in a 2-foot interval. For example, Lot 8I appears to show access to the future house via an "Exist. Cart Path" but no grade changes identified, although erosion control devices are identified to protect the nearby wetlands. Such placement of E&S controls indicates some land disturbance, but the nature of that disturbance is not identified in the application documents.

Also, please clarify if the topsoil stockpiles located on Lot 8J and the neighboring property are to be removed to match surrounding grades. If yes, then the application will need to be amended to include reference to the abutting property and the signature of the consenting land ouwner needs to be added to the application Item #12. Finally please provide the total acreage of area in the upland review area to be disturbed.

Please feel free to contact me if you have questions. I await your reply. - Marla Butts, Thompson Wetlands Agent

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Marla Butts
Thompson Wetlands Agent
860-923-1852, Ext. 1
wetlands@thompsonct.org

EARTH EXCAVATION PLANS

484 AND 486 QUADDICK TOWN FARM ROAD

THOMPSON, CONNECTICUT

MAY 12, 2020

REVISED THROUGH JUNE 1, 2020

PREPARED FOR
J & J CONSTRUCTION
PO BOX 848
NORTH GROSVENORDALE, CT 06255

LOCATION MAP

1" = 2000'

INDEX OF DRAWINGS

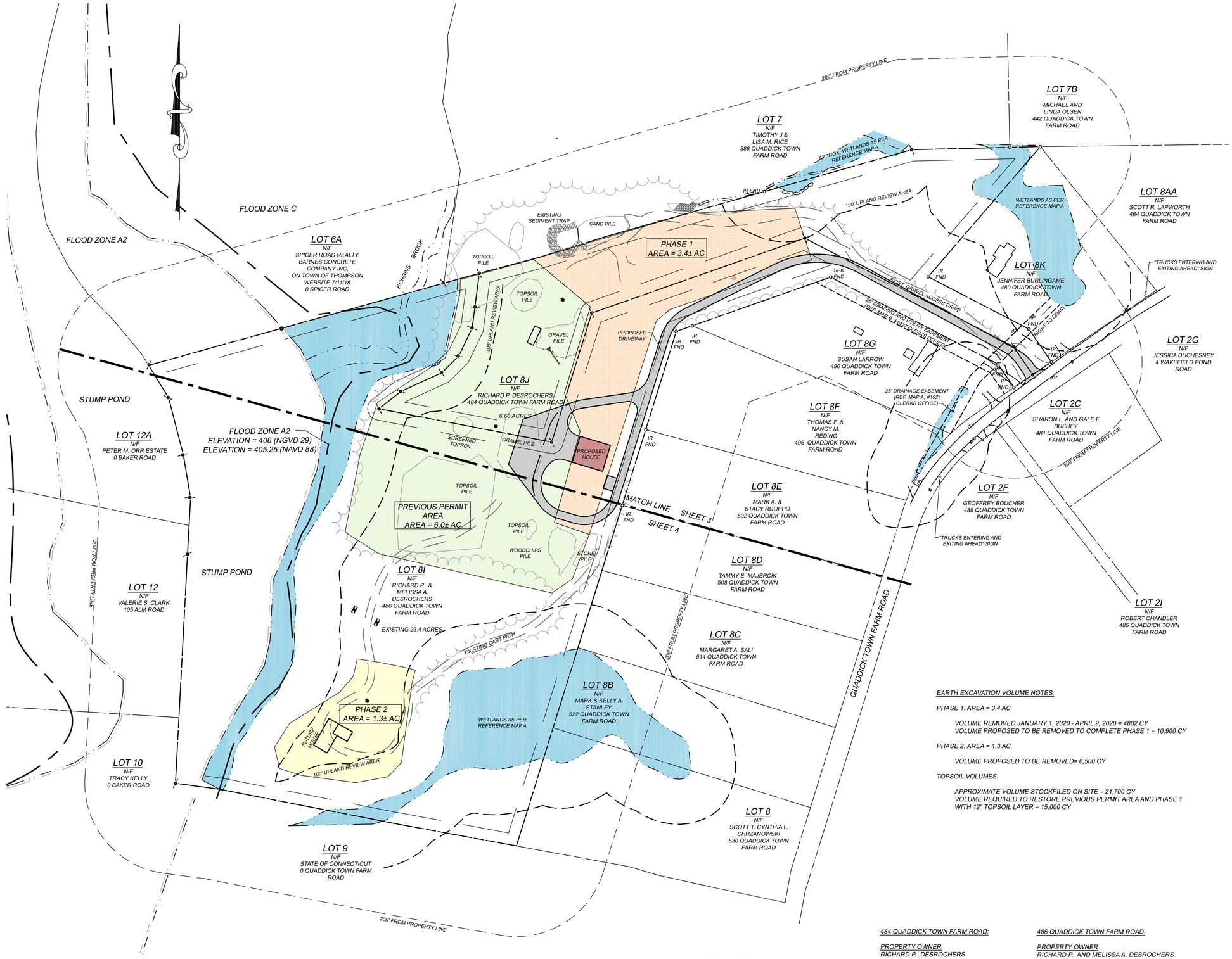
NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL LOCATION PLAN
3	GRADING AND EROSION CONTROL PLAN
4	GRADING AND EROSION CONTROL PLAN
5	GRAVEL NOTES AND DETAILS
6	EROSION CONTROL PLAN

SPECIAL PERMIT APPROVAL BY THE THOMPSON, CONNECTICUT PLANNING AND ZONING COMMISSION

CHAIRMAN *DATE*

J & D CIVIL ENGINEERS, LLC
401 RAVENELLE ROAD
THOMPSON, CT 06255
PHONE: 860-923-2920
JDCIVILENGINEERS.COM

19191



NOTES

1. THIS MAP HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARD FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT " AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

SURVEY TYPE: GENERAL LOCATION

BOUNDARY DETERMINATION CATEGORY: NONE

HORIZONTAL ACCURACY: CLASS D

PROPERTY LINES DO NOT EXPRESS A BOUNDARY OPINION.

THIS MAP WAS PREPARED FROM RECORD RESEARCH, OTHER MAPS, LIMITED FIELD MEASUREMENTS AND OTHER SOURCES. IT IS NOT TO BE CONSTRUED AS A PROPERTY/BOUNDARY OR LIMITED PROPERTY/BOUNDARY SURVEY AND IS SUBJECT TO SUCH FACTS AS SAID SURVEYS MAY DISCLOSE.

2. REFERENCE PLANS:
(A) "QUADDICK FARM ESTATES" PREPARED BY LUNAR MAPPING LTD. PREPARED FOR MARK BARD. SCALE 1" = 100'. DATED MARCH 1995. ON FILE WITH THE TOWN CLERK AS INSTRUMENT NUMBER 1291.

(B) "COMPLIATION PLAN SHOWING PROPERTY LINE ADJUSTMENTS" PREPARED BY J&D CIVIL ENGINEERS. SCALE 1" = 80'. DATED FEBRUARY 2002. ON FILE WITH THE TOWN CLERK AS INSTRUMENT NUMBER 1427.

(C) "BOUNDARY LINE ADJUSTMENT PLAN" PREPARED BY MESSIER & ASSOCIATES, INC. PREPARED FOR DAVID WHALSTROM AND RICK DESROCHERS. SCALE 1" = 40'. DATED AUGUST 2006. ON FILE WITH THE TOWN CLERK AS INSTRUMENT NUMBER 1547.

(D) "PROPERTY LINE ADJUSTMENT PLAN". PREPARED BY J&D CIVIL ENGINEERS, LLC. PREPARED FOR RICHARD. P. DESROCHERS. DATED SEPTEMBER 24, 2018. SCALE 1" = 100'. ON FILE WITH THE TOWN CLERK AS INSTRUMENT NUMBER 1780.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON .

DENNIS R. BLANCHETTE	DATE	12107 LICENSE NUMBER

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE

PROPERTY IS WITHIN 100 YEAR FLOOD ZONE PER FIRM MAP 0901170010B DATED: NOVEMBER 1, 1984.

EARTH EXCAVATION VOLUME NOTES:

PHASE 1: AREA = 3.4 AC

VOLUME REMOVED JANUARY 1, 2020 - APRIL 9, 2020 = 4802 CY
VOLUME PROPOSED TO BE REMOVED TO COMPLETE PHASE 1 = 10,900 CY

PHASE 2: AREA = 1.3 AC

VOLUME PROPOSED TO BE REMOVED= 6,500 CY

TOPSOIL VOLUMES:

APPROXIMATE VOLUME STOCKPILED ON SITE = 21,700 CY
VOLUME REQUIRED TO RESTORE PREVIOUS PERMIT AREA AND PHASE 1 WITH 12" TOPSOIL LAYER = 15,000 CY

LEGEND

- ANGLE POINT
- EXISTING IRON ROD OR IRON PIPE
- EXISTING PROPERTY LINE
- BUILDING SETBACK
- EDGE OF EASEMENT
- STONE RETAINING WALL
- UTILITIES
- TREELINE
- WETLAND BUFFER/UPLAND REVIEW AREA
- TEST PIT

ZONING INFORMATION:

ZONE RA80
MINIMUM LOT AREA 80,000 S.F.
MINIMUM FRONTAGE 150'
MINIMUM FRONT YARD 50'
MINIMUM SIDE YARD 25'
MINIMUM REAR YARD 25'

484 QUADDICK TOWN FARM ROAD:

PROPERTY OWNER
RICHARD P. DESROCHERS
PO BOX 848
N. GROSVENORDALE, CT 06255

REFERENCE DEED
THOMPSON LAND RECORDS
VOL. 350 PG. 271

ASSESSORS REFERENCE
MAP 158 BLOCK 20 LOT 8J

486 QUADDICK TOWN FARM ROAD:

PROPERTY OWNER
RICHARD P. AND MELISSA A. DESROCHERS
PO BOX 848
N. GROSVENORDALE, CT 06255

REFERENCE DEED
THOMPSON LAND RECORDS
VOL. 957 PG. 63

ASSESSORS REFERENCE
MAP 158 BLOCK 20 LOT 8I

TOWN OF THOMPSON RECEIVED FOR RECORDING	APPROVED PLANNING AND ZONING COMMISSION	APPROVED INLAND WETLANDS COMMISSION
TOWN CLERK DATE TIME MAP #	CHAIRMAN DATE	CHAIRMAN DATE

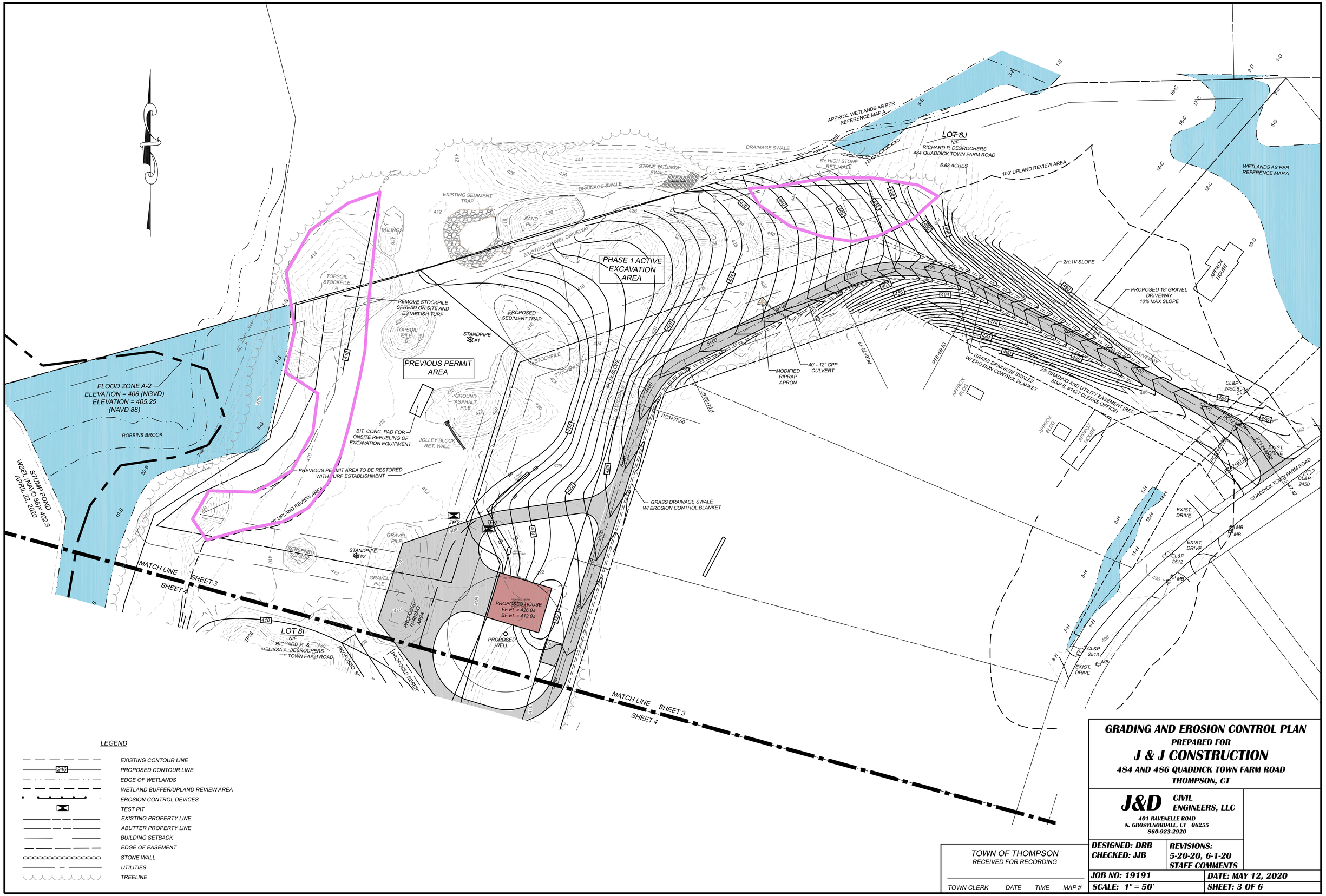
GENERAL LOCATION PLAN
PREPARED FOR
J & J CONSTRUCTION
484 AND 486 QUADDICK TOWN FARM ROAD
THOMPSON, CT

J&D CIVIL ENGINEERS, LLC
401 RAVENELLE ROAD
N. GROSVENORDALE, CT 06255
860-923-2920

DESIGNED: DRB
CHECKED: JJB

REVISIONS:
5-20-20 ZEO COMMENTS

JOB NO: 19191
DATE: MAY 12, 2020
SCALE: 1" = 100'
SHEET: 2 OF 6



LEGEND

- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- EDGE OF WETLANDS
- WETLAND BUFFER/UPLAND REVIEW AREA
- EROSION CONTROL DEVICES
- TEST PIT
- EXISTING PROPERTY LINE
- ABUTTER PROPERTY LINE
- BUILDING SETBACK
- EDGE OF EASEMENT
- STONE WALL
- UTILITIES
- TREELINE

TOWN OF THOMPSON
RECEIVED FOR RECORDING

TOWN CLERK DATE TIME MAP #

GRADING AND EROSION CONTROL PLAN

PREPARED FOR

J & J CONSTRUCTION

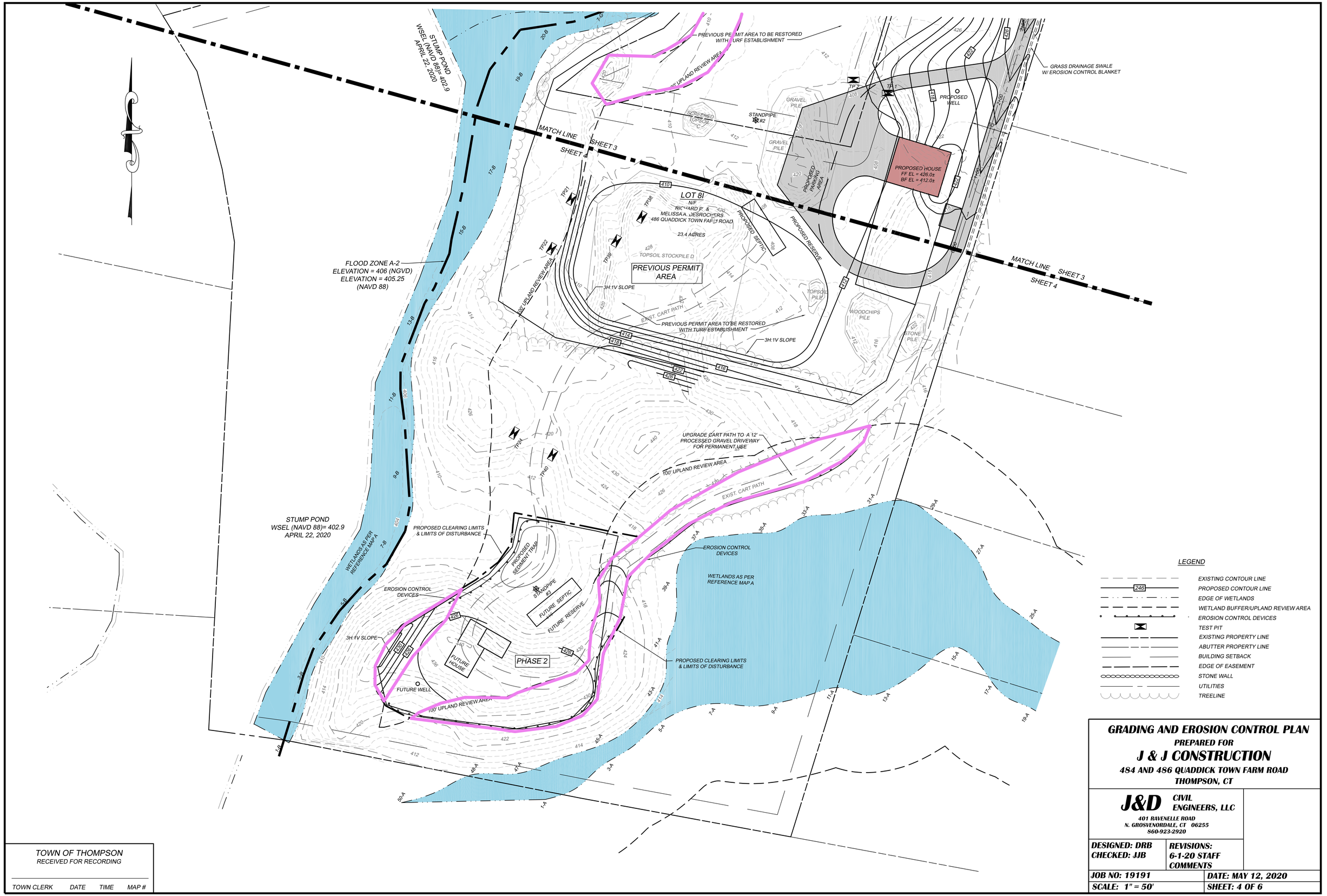
484 AND 486 QUADDICK TOWN FARM ROAD
THOMPSON, CT

J&D CIVIL ENGINEERS, LLC
401 RAVENELLE ROAD
N. GROSVENORDALE, CT 06255
860-923-2920

DESIGNED: DRB
CHECKED: JJB

REVISIONS:
5-20-20, 6-1-20
STAFF COMMENTS

JOB NO: 19191
DATE: MAY 12, 2020
SCALE: 1" = 50'
SHEET: 3 OF 6



TOWN OF THOMPSON
RECEIVED FOR RECORDING

TOWN CLERK DATE TIME MAP #

GRADING AND EROSION CONTROL PLAN

PREPARED FOR

J & J CONSTRUCTION

484 AND 486 QUADDICK TOWN FARM ROAD
THOMPSON, CT

J&D CIVIL ENGINEERS, LLC
401 RAVENELLE ROAD
N. GROSVENORDALE, CT 06255
860-923-2920

DESIGNED: DRB CHECKED: JJB	REVISIONS: 6-1-20 STAFF COMMENTS
JOB NO: 19191	DATE: MAY 12, 2020
SCALE: 1" = 50'	SHEET: 4 OF 6

TEST PIT RESULTS

OBSERVED BY: MAUREEN MARCOUX
DATE: JULY 13, 1995

PIT NO. 24

0 - 8"	TOP SOIL
8 - 72"	SAND AND GRAVEL

MOTTLING: N/A
RESTRICTIVE: N/A
LEDGE: N/A
WATER: N/A

PIT NO. 40

0 - 5"	TOP SOIL
5 - 20"	LOAMY SAND
20-84"	COARSE SAND

MOTTLING: N/A
RESTRICTIVE: N/A
LEDGE: N/A
WATER: N/A

GENERAL CONSTRUCTION NOTES:

1. LOCATIONS OF UNDERGROUND UTILITIES HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. THE CONTRACTOR SHALL NOTIFY CALL BEFORE YOU DIG AND FIELD VERIFY THE LOCATION, DEPTH AND ALIGNMENT OF ALL EXISTING PIPES, CABLES, ETC.
2. CONSTRUCTION SHALL BE IN CONFORMANCE WITH CONNDOT FORM 817 UNLESS OTHERWISE NOTED ON THE PLANS. UTILITY INSTALLATION SHALL BE IN CONFORMANCE WITH THE APPROPRIATE UTILITY COMPANY.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH EACH UTILITY AND ALL COSTS ASSOCIATED WITH THE PROTECTION OF EXISTING FACILITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN IN SERVICE ALL EXISTING PIPING UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
4. TYPICAL DETAILS SHOWN ARE TO ILLUSTRATE THE ENGINEER'S INTENT AND ARE NOT PRESENTED AS A SOLUTION TO ALL CONSTRUCTION PROBLEMS ENCOUNTERED IN THE FIELD. THE CONTRACTOR MAY SUBMIT PROPOSALS FOR ALTERNATE METHODS TO SUIT FIELD CONDITIONS.
5. BENCHMARKS HAVE BEEN PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR IN LAYING OUT THE PROJECT. THE BENCHMARKS ARE CLEARLY LABELED ON THE PLAN WITH THEIR ELEVATIONS. ANY DISCREPANCIES BETWEEN FIELD MEASUREMENTS AND THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
6. THE CONTRACTOR SHALL PROTECT BENCHMARKS, PROPERTY CORNERS AND SURVEY MONUMENTS FROM DAMAGE OR DISPLACEMENT. ANY SUCH ITEMS WHICH NEED TO BE REPLACED SHALL BE AT THE CONTRACTOR'S EXPENSE.

EXCAVATION NOTES

1. PRIOR TO THE START OF EXCAVATION ANY TOPSOIL AND SUBSOIL SHALL BE STRIPPED AND STOCKPILED WITHIN OR ADJACENT TO THE RESPECTIVE PHASE FOR USE IN RESTORATION. TOPSOIL AND SUBSOIL STOCKPILES REMAINING IN PLACE LONGER THAN 30 DAYS SHALL BE PROTECTED WITH A TEMPORARY VEGETATIVE COVER OR OTHERWISE PROTECTED FROM EROSION AS PER THE 2002 "CT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL".
2. NO TOPSOIL OR SUBSOIL STRIPPED FROM THE EXCAVATION AREA SHALL BE SOLD OR REMOVED FROM THE PROPERTY.
3. NO STUMPS SHALL BE BURIED ON SITE. ALL STUMPS SHALL BE CHIPPED OR REMOVED FROM THE SITE.
4. NO BLASTING IS PERMITTED.
5. THE EXCAVATOR SHALL PROVIDE ADEQUATE DUST CONTROL ON SITE AND ON ROADS TO PREVENT ANY OFF SITE NUISANCES.
6. THE EXCAVATOR SHALL INSTALL ANY NECESSARY BARRICADES OR BARRIERS TO PROVIDE PROTECTION AROUND THE PERIMETER OF OPEN EXCAVATION FACES AND STEEP SLOPES IN ACCORDANCE WITH MSHA REGULATIONS.
7. THE NUMBER OF TRUCK TRIPS PER DAY IS VARIABLE AND IS NOT ANTICIPATED TO IMPACT LOCAL ROADS.
8. AT ALL STAGES OF THE OPERATION SUFFICIENT DRAINAGE SHALL BE PROVIDED TO AVOID HAZARDOUS CONDITIONS DUE TO COLLECTION OF STAGNATION OF WATER.
9. THERE SHALL BE NO FUEL STORED ON THE SITE.
10. THE CONSTRUCTION ENTRANCE AND ANTI-TRACKING PAD SHALL BE CLEANED REGULARLY AND RENEWED AS NEEDED.
11. WHEN EARTHWORK OPERATIONS ARE COMPLETED, THE SITE SHALL BE GRADED SO THAT SLOPES IN THE DISTURBED AREA SHALL NOT EXCEED ONE (1) FOOT VERTICAL TO THREE (3) FEET HORIZONTAL EXCEPT ALONG THE PERMANENT DRIVEWAY WHICH HAS 2H:1V SLOPES.
12. ALL LOADS LEAVING A PERMITTED GRAVEL OPERATION SITE MUST BE COVERED PRIOR TO LEAVING THE PREMISES.
13. SCREENING MAY BE ACCOMPLISHED AT A VALID EXCAVATION SITE IN A RESIDENTIAL AND/OR COMMERCIAL DISTRICT WHEN THE FOLLOWING CONDITIONS ARE MET:
    A. THE PROCESSING (SCREENING) EQUIPMENT SHALL BE PORTABLE AND SELF-CONTAINED.
    B. THE PROCESSING (SCREENING) ACTIVITY SHALL TAKE PLACE BETWEEN 7:00 AM AND 5:00 PM. NO PROCESSING SHALL BE PERMITTED ON SATURDAYS, SUNDAYS, OR HOLIDAYS.
14. HOURS OF OPERATION FOR COMMERCIAL EXCAVATION AND TRUCKING :

    MONDAY THROUGH SATURDAY 7:00 AM THROUGH 5:00 PM
    NO WORK SUNDAYS AND HOLIDAYS

RESTORATION NOTES

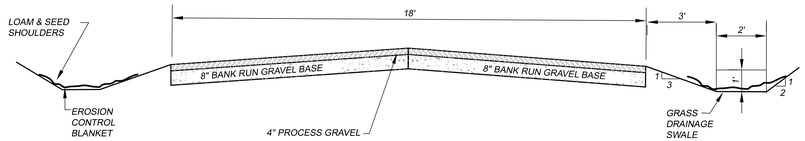
1. ALL DEBRIS NOT INCORPORATED INTO THE IMPROVEMENT OF THE LOT SHALL BE REMOVED FROM THE LOT AND LOOSE BOULDERS NOT INCORPORATED INTO THE IMPROVEMENT OF THE LOT SHALL BE BURIED OR REMOVED FROM THE LOT.
2. COMPLETED AREAS SHOULD BE COVERED WITH EIGHT (8) INCHES OF SUBSOIL AND A MINIMUM OF FOUR (4) INCHES OF LOAM TOPSOIL, DEPENDING ON THE ARID NATURE OF THE SITE AS IT IS CLOSED TO EXCAVATION.
3. THE AREA SHALL BE SEEDED AS PER THE PERMANENT SEEDING NOTES.

PERMANENT SEEDING NOTES

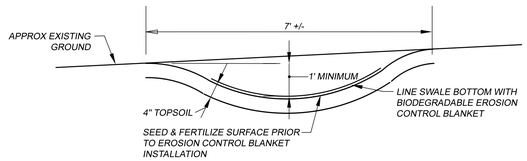
1. ALL PERMANENT VEGETATIVE COVER IS TO BE IN ACCORDANCE WITH THE 2002 GUIDELINES.
2. SEED ALL DISTURBED AREAS ONCE FINAL GRADES ARE ESTABLISHED, OR WHERE THE SUSPENSION OF WORK IS EXPECTED TO EXCEED ONE YEAR.
3. RECOMMENDED SEEDING DATES ARE APRIL 1 TO JUNE 15, AND AUGUST 15 TO OCTOBER 1.
4. GRASS SPECIES SHALL BE AS FOLLOWS FOR THE STEEP SLOPES:
   VIKING H2O HARD FESCUE 50%, AZURE BLUE SHEEP FESCUE 25%, QUATRO SHEEP FESCUE 25%
5. GRASS SPECIES SHALL BE AS FOLLOW FOR ALL OTHER AREAS:
   KENTUCKY BLUEGRASS 10%, CREEPING RED FESCUE 60%, AND PERENNIAL RYEGRASS 20%
6. INSTALL ANY NECESSARY EROSION CONTROL DEVICES.
7. INSTALL TEMPORARY EROSION CONTROL BLANKETS ON ALL SLOPES 3:1 AND STEEPER.
8. LOOSEN ANY OVER COMPACTED SUBSOIL TO A DEPTH OF 24", USING A SUBSOILER OR ROTOTILLER.
9. TOPSOIL WILL BE SPREAD AT A MINIMUM COMPACTED DEPTH OF 4 INCHES.
10. APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER, OR HYDROSEEDER AT THE FOLLOWING RATES:
    4 LBS PER 1000 SQUARE FEET FOR THE STEEP SLOPES
    3 LBS PER 1000 SQUARE FEET FOR ALL OTHER AREAS
11. AFTER SEEDING, FIRM SEED BED WITH A ROLLER. MULCH IMMEDIATELY AS PER THE 2002 GUIDELINES. WATER AS NECESSARY TO ENSURE PROPER GERMINATION AND GROWTH.
12. INSPECT SEEDED AREA AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH AT LEAST 0.5 INCHES OF RAINFALL. REPAIR ANY ERODED AREAS. CONTINUE INSPECTIONS UNTIL GRASSES ARE FIRMLY ESTABLISHED

TEMPORARY SEEDING NOTES

1. ALL TEMPORARY VEGETATIVE COVER IS TO BE IN ACCORDANCE WITH THE CT 2002 E & S GUIDELINES.
2. SEED ALL DISTURBED AREAS WHERE EXCAVATION IS EXPECTED TO STOP FOR MORE THAN 30 DAYS BUT LESS THAN A YEAR. APPLY SEED, OR OTHERWISE PROTECTED FROM EROSION, WITHIN 7 DAYS OF SUSPENSION OF WORK.
3. GRASS SPECIES SHALL BE APPROPRIATE FOR THE SEASON AND SITE CONDITIONS. APPROPRIATE SPECIES ARE OUTLINED IN FIGURE TS-2 IN THE 2002 GUIDELINES.
4. INSTALL NECESSARY EROSION CONTROL MEASURES.
5. LOOSEN THE SOIL TO A DEPTH OF 3-4 INCHES. AVOID EXCESSIVE COMPACTION OF THE SURFACE BY VEHICULAR TRAVEL.
6. FERTILIZER MAY BE APPLIED AT A RATE OF 300 POUNDS PER ACRES OF 10-10-10 FERTILIZER OR EQUIVALENT. ADDITIONALLY, LIME MAY BE APPLIED AS NECESSARY IN ACCORDANCE WITH FIGURE TS-1 THE 2002 GUIDELINES.
7. APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER AT THE RECOMMENDED MINIMUM RATE FOR THE SELECTED SPECIES.
8. TEMPORARY SEEDINGS MADE DURING OPTIMUM SEEDING DATES SHALL BE MULCHED ACCORDING TO RECOMMENDATIONS IN THE 2002 GUIDELINES.
9. INSPECT SEEDED AREA AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH AT LEAST 0.5 INCHES OF RAINFALL. REPAIR ANY ERODED AREAS. CONTINUE INSPECTIONS UNTIL GRASSES ARE FIRMLY ESTABLISHED.



ACCESS DRIVEWAY SECTION
NOT TO SCALE



GRASS SWALE DETAIL
NOT TO SCALE

GRAVEL NOTES AND DETAILS
PREPARED FOR
J & J CONSTRUCTION
PO BOX 848
NORTH GROSVENORDALE, CT 06255

J&D CIVIL ENGINEERS, LLC
401 RAVENELLE ROAD
N. GROSVENORDALE, CT 06255
860-923-2920

DESIGNED: DDB CHECKED: JJB	REVISIONS: 5-20-20 ZEO COMMENTS
JOB NO: 19191	DATE: MAY 12, 2020
SCALE: AS NOTED	SHEET: 5 OF 6

EROSION AND SEDIMENT CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL 2002."
2. THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH THIS EROSION CONTROL PLAN.
3. THE GOAL OF EROSION CONTROL ON THIS PROJECT SHALL BE ENSURING THAT NO ERODED SEDIMENT TRAVELS BEYOND THE CLEARING LIMITS OR INTO THE ADJACENT POND OR WETLANDS.
4. IF CONDITIONS WARRANT IT, THE EXCAVATOR SHALL INSTALL ADDITIONAL EROSION CONTROL DEVICES BEYOND WHAT IS INDICATED ON THE PLAN TO MEET THE GOALS OF EROSION CONTROL.
5. THE EXCAVATOR SHALL INSTALL EROSION CONTROL MEASURES CONSISTING OF SILT FENCE, SILT SOCK, HAY BALES, WOOD CHIPS, OR CRUSHED STONE CHECK DAMS AND SEDIMENT TRAPS WHERE INDICATED ON THE PLANS PRIOR TO THE START OF GRAVEL EXCAVATION.
6. THE EXCAVATOR SHALL CONTACT THE THOMPSON INLAND WETLANDS AGENT FOR INSPECTION OF EROSION CONTROL DEVICES PRIOR TO EXCAVATION. EROSION CONTROL DEVICES SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAINFALL GREATER THAN 1" AND REPLACED PROMPTLY IF NEEDED.
7. E & S DEVICES WILL REMAIN IN PLACE UNTIL PERMANENT VEGETATION IS ESTABLISHED.
8. SEDIMENT TRAPS SHALL BE INSTALLED AS RECOMMENDED IN THE 2002 CT E&S GUIDELINES. EACH PHASE SHALL HAVE A SEDIMENT TRAP INSTALLED. THE SIZE IS BASED UPON CONTAINING 134 CY PER ACRE OF DRAINAGE AREA, HALF OF WHICH SHALL BE WET STORAGE. THE DRAINAGE AREA TO THE TRAP SHOWN ON THIS PLAN IS APPROXIMATELY 5 ACRES THEREFORE THE DEPTH D = 5', WIDTH W = 40', LENGTH L = 100'.
9. IF ANY ERODED RILLS OR GULLIES ARE OBSERVED THAT ARE DIRECTING SEDIMENT TO AN AREA NOT INTERCEPTED BY A SEDIMENT TRAP,THE EXCAVATOR SHALL MAKE USE OF SILT SOCK AND STONE CHECK DAMS TO FILTER RUNOFF.

MINIMIZE DISTURBED AREAS

1. KEEP LAND DISTURBANCE TO A MINIMUM - THE MORE LAND THAT IS IN VEGETATIVE COVER, THE MORE SURFACE WATER WILL INFILTRATE INTO THE SOIL, THUS MINIMIZING STORMWATER RUNOFF AND POTENTIAL EROSION. KEEPING LAND DISTURBANCE TO A MINIMUM NOT ONLY INVOLVES MINIMIZING THE EXTENT OF EXPOSURE AT AN ONE TIME, BUT ALSO THE DURATION OF EXPOSURE.
2. PHASE CONSTRUCTION SO THAT AREAS WHICH ARE ACTIVELY BEING DEVELOPED AT ANY ONE TIME ARE MINIMIZED AND ONLY THAT AREA UNDER CONSTRUCTION IS EXPOSED. CLEAR ONLY THOSE AREAS ESSENTIAL FOR CONSTRUCTION.
3. SEQUENCE THE CONSTRUCTION OF STORM DRAINAGE SYSTEMS SO THAT THEY ARE OPERATIONAL AS SOON AS POSSIBLE DURING CONSTRUCTION. ENSURE ALL OUTLETS ARE STABLE BEFORE OUTLETTING STORM DRAINAGE FLOW INTO THEM.
4. SCHEDULE CONSTRUCTION SO THAT FINAL GRADING AND STABILIZATION IS COMPLETED AS SOON AS POSSIBLE.

MANAGING RUNOFF

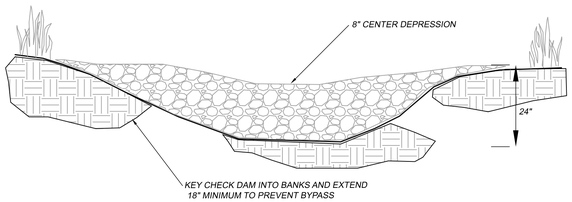
1. USE DIVERSIONS, STONE DIKES, SILT FENCES AND SIMILAR MEASURES TO BREAK FLOW LINES AND DISSIPATE STORM WATER ENERGY.
2. AVOID DIVERTING ONE DRAINAGE SYSTEM INTO ANOTHER WITHOUT CALCULATING THE POTENTIAL FOR DOWNSTREAM FLOODING OR EROSION.
3. CLEAN RUNOFF SHOULD BE KEPT SEPARATED FROM SEDIMENT LADEN WATER AND SHOULD NOT BE DIRECTED OVER DISTURBED AREAS WITHOUT ADDITIONAL CONTROLS. ADDITIONALLY, PREVENT THE MIXING OF CLEAN OFF-SITE GENERATED RUNOFF WITH SEDIMENT LADEN RUNOFF GENERATED ON-SITE UNTIL AFTER ADEQUATE INFILTRATION OF ON -SITE WATERS HAS OCCURRED.

INTERNAL EROSION CONTROLS

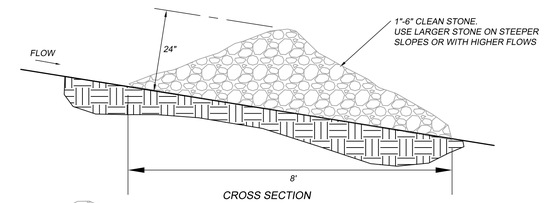
1. DO NOT RELY EXCLUSIVELY ON PERIMETER EROSION CONTROL DEVICES.
2. CONTROL EROSION AND SEDIMENTATION BY INSTALLING INTERNAL EROSION CONTROL IN THE SMALLEST DRAINAGE AREA POSSIBLE.
3. DIRECT RUNOFF FROM SMALL DISTURBED AREAS TO ADJOINING UNDISTURBED VEGETATED AREAS.
4. CONCENTRATED RUNOFF SHOULD BE CONVEYED TO SEDIMENT TRAPS OR BASINS AND STABLE OUTLETS USING RIP RAPPED CHANNELS, STORM DRAINS OR SIMILAR MEASURES.
5. INSTALL A TEMPORARY SEDIMENT TRAP FOR EACH PHASE OF EXCAVATION WHERE INDICATED ON THE PLAN.

CONSTRUCTION SCHEDULE

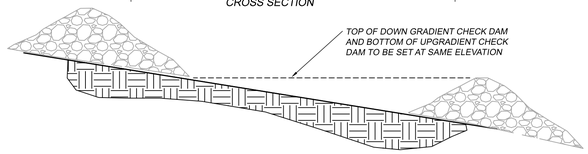
1. COMPLETE PHASE 1 BY THE END OF 2020
2. RESTORE THE PREVIOUS PERMITTED AREA WITH TOPSOIL AND SEED BY SEPTMBER 1, 2020.
3. COMPLETE PHASE 2 BY THE END OF 2022



UPSTREAM VIEW



CROSS SECTION



CHECK DAM SPACING

STONE CHECK DAM DETAIL
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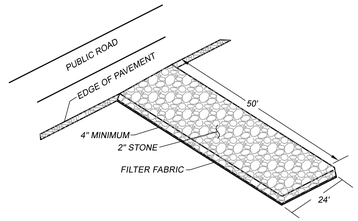

TEMPORARY CONSTRUCTION ENTRANCE
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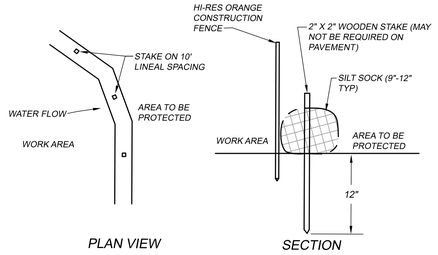
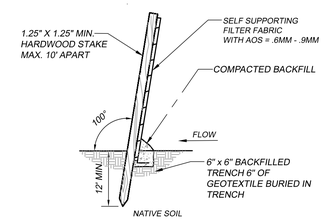


PLAN VIEW SECTION

NOTES

1. SILT SOCK MANUFACTURER SHALL BE SILT SOXX OR ENGINEER APPROVED EQUAL
2. ALL MATERIAL TO MEET MANUFACTURER'S SPECIFICATIONS
3. SEDIMENT SILT SOCK TO BE FILLED WITH LEAF COMPOST AND/OR WOODY MULCH PER MANUFACTURER'S REQUIREMENTS.
4. FOLLOWING CONSTRUCTION AND SITE STABILIZATION, COMPOST MATERIAL SHALL BE REMOVED OR DISPERSED ON SITE, AS APPROVED BY THE ENGINEER.

SILT SOCK DETAIL
NOT TO SCALE



SILT FENCE INSTALLATION
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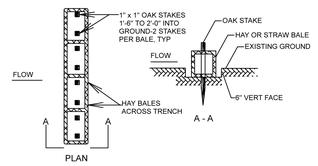
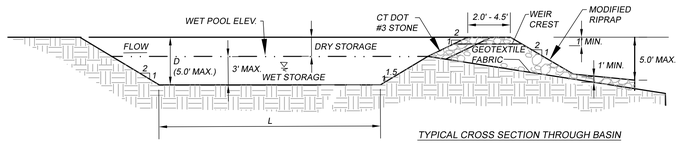
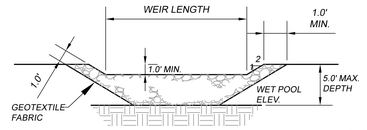


HAY BALE EROSION CONTROL
N.T.S.



TYPICAL CROSS SECTION THROUGH BASIN



TYPICAL CROSS SECTION THROUGH WEIR

1. PERVIOUS DIKE SHALL BE CONSTRUCTED OF CT DOT MODIFIED RIPRAP WITH #3 STONE ON FACE.
2. NON-OVERFLOW PORTIONS AND ABUTMENTS OF TEMPORARY SEDIMENT TRAPS MAY BE CONSTRUCTED OF COMPACTED EARTHFILL.

TOP WIDTH VS. HEIGHT

H = HEIGHT OF EMBANKMENT
W = TOP WIDTH OF EMBANKMENT

H (FT.)	W (FT.)
1.5	2.0
2.0	2.0
2.5	2.5
3.0	2.5
3.5	3.0
4.0	3.0
4.5	4.0
5.0	4.5

TEMPORARY SEDIMENT TRAP
NOT TO SCALE

CONSTRUCTION

1. CLEAR, GRUB AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA. REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN 3" AND OTHER DEBRIS.
2. EXCAVATE WET STORAGE AND CONSTRUCT EMBANKMENT AS SHOWN ON PLAN.
3. USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, ROCKS > 6", AND OTHER UNSUITABLE MATERIALS.
4. COMPACT THE EMBANKMENT IN 9" LIFTS.
5. STABLIZE THE EMBANKMENT WITH TEMPORARY SEEDING, PERMANENT SEEDING OR STONE SLOPE PROTECTION IMMEDIATLEY AFTER INSTALLING.
6. RIP RAP APRON MUST OUTLET ONTO UNDISTURBED GROUND.

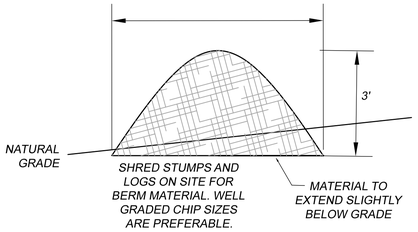
MAINTENANCE

1. INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5" OR GREATER.
2. WHEN SEDIMENTS HAVE ACCUMULATED TO ONE HALF THE MINIMUM REQUIRED VOLUME OF THE WET STORAGE, REMOVE SEDIMENTS AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS.
3. DISPOSE OF SEDIMENT IN A SUITABLE AREA AND IN A SUCH A MANNER THAT IT WILL NOT ERODE INTO WETLANDS OR WATERCOURSES.
4. THE TEMPORARY SEDIMENT TRAP MAY BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA IS STABLIZED UPON REMOVAL, THE AREA SHALL BE RESTORED TO PRE-EXISTING GRADES, LOAMED AND SEEDED.

SIZING CRITERIA

SEDIMENT TRAPS SHALL BE SIZED TO CONTAIN 134 CY PER ACRE OF DRAINAGE AREA HALF OF WHICH SHALL BE WET STORAGE. THE LENGTH (L) MUST BE AT LEAST TWICE THE WIDTH (W). THE FOLLOWING SIZES MAY BE USED.

DRAINAGE AREA	DEPTH (D)	WIDTH (W)	LENGTH (L)
2 AC.	4'	30'	60'
3 AC.	5'	30'	72'
4 AC.	5'	35'	83'
5 AC.	5'	40'	90'



WOOD CHIP BERM
NOT TO SCALE

EROSION CONTROL PLAN
PREPARED FOR
J & J CONSTRUCTION
PO BOX 848
NORTH GROSVENORDALE, CT 06255

J&D CIVIL ENGINEERS, LLC
401 RAVENELLE ROAD
N. GROSVENORDALE, CT 06255
860-923-2920

DESIGNED: DDB
CHECKED: JJB
REVISIONS:

JOB NO: 19191 | DATE: MAY 12, 2020
SCALE: AS NOTED | SHEET: 6 OF 6

June 3, 2020

Marla Butts
Inland Wetlands Commission
Town of Thompson
815 Riverside Drive
North Grosvenordale, CT 06255

Re: Wetland application WAA20012

Dear Marla:

Richard Desrochers has my permission to enter onto my property for the purpose of removing the stockpiled material just north of our common property line. I understand that topsoil will be spread and turf established in that area. This work is indicated on the plans prepared by J & D Civil Engineers, LLC for the application referenced above.

The undersigned hereby consents to necessary and proper inspections of the above referenced property by the Agents of the Town of Thompson Inland Wetlands Commission, at reasonable times, both before and after the approval in question has been granted by the agent, including site walks by Commission members and staff for the purpose of understanding existing site conditions, which may be necessary in order to render a decision on this application.

The undersigned swears that the information supplied as it relates to proposed work on my 388 Quaddick Town Farm Road property supplied in application WAA20012 by Richard Desrochers, dba J + J Construction LLCs is accurate to the best of my knowledge and belief.

Sincerely,

Timothy J. Rice

Date: 05/19/2020 [09:21:32 AM CDT]
From: Jenn & Rob Lemieux <jennrob480@yahoo.com>
To: "Amy St.Onge" <firstselectman@thompsonct.org>, Marla Butts <wetlands@thompsonct.org>, Thompson ZEO Cynthia Dunne <zeo@thompsonct.org>, Fran Morano <fmorano44@gmail.com>, Charles Obert <hcharlesobert@charter.net>, George O'Neill <goneil3@thompsonct.org>, Jparodi <jparodi@thompsonct.org>
Subject: Petition for public hearing WAA20012 Richard Desrochers

Dear IW Commissioner & Wetlands Agent:

Please see attached scanned copy of petition for hearing regarding application WAA20012 - Desrochers, Richard.

I have communicated with the town clerk and will be dropping off the hardcopy before the day is out so she can stamp it in.

If you need anything further please feel free to reach out to me at anytime.

Thank you in advance,

Jennifer Burlingame & Robert Lemieux Jr.
Jenn cell: 508-353-4935

Amy please forward copy to Cynthia Dunne since I cannot email her directly because of the IT problem

PETITION FOR HEARING

We, The undersigned, request that the Thompson, CT Inland Wetlands Commissioner hold a public hearing on Application **WAA20012 Richard Desrochers Earth Excavation & Grading**

We also designate and authorize **Robert Lemieux & Jennifer Burlingame** whose signatures and addresses appear below, to engage in discussions regarding this application.

1. Robert Lemieux Robert Lemieux 480 Quaddick Town Farm Rd. Thompson, CT

2. Jennifer Burlingame 480 Quaddick Town Farm Rd. Thompson, CT

Print Name		Signature	Street	Town	State
3. Ellen Wilson	X		33 Fernwood Ave	Thompson	CT
4. Jason Antopenedetto	X		33 Fernwood Ave	Thompson	CT
5. Thomas Rickard	X		735 Quaddick Town Farm Rd	Thompson	CT
6. Seth Davis	X		105 Quaddick Town Farm Rd	Thompson	CT
7. James Sauro	X		150 Spicer Rd Thompson CT.	Thompson CT.	
8. Donna Sauro	X		150 Spicer	Thompson CT,	
9. Shannon Sauro	X	Shannon Sauro	150 Spicer Rd	Thompson CT	
10. Nadine Williams-Edwards	X		131 Spicer Rd	Thompson CT	

PETITION FOR HEARING

We, The undersigned, request that the Thompson, CT Inland Wetlands Commissioner hold a public hearing on Application **WAA20012 Richard Desrochers Earth Excavation & Grading**

We also designate and authorize **Robert Lemieux & Jennifer Burlingame** whose signatures and addresses appear below, to engage in discussions regarding this application.

Robert Lemieux _____ 480 Quaddick Town Farm Rd. Thompson, CT

Jennifer Burlingame _____ 480 Quaddick Town Farm Rd. Thompson, CT

	Print Name		Signature	Street	Town	State
11.	Gail Arsenault	X		157 Spicer Rd	Thompson	CT
12.	Cathleen Podzikowski	X		157 Spicer Rd	Thompson,	CT
13.	Robert MANN	X		15 Meadow Drive	Thompson	CT.
14.	Sara mann	X		15 Meadow Drive	Thompson	CT
15.	Cheryl Bonner	X		1165 Riverside Dr.	N. Grosv.	CT.
16.	John Bonner	X		1165 Riverside DR N. Gros	N. Grosv.	CT
17.	Grant Yurisic	X		39 Logans Ln	Thompson	CT
18.	Janet Yurisic	X		39 Logans Ln	Thompson,	CT

PETITION FOR HEARING

We, The undersigned, request that the Thompson, CT Inland Wetlands Commissioner hold a public hearing on Application **WAA20012 Richard Desrochers Earth Excavation & Grading**

We also designate and authorize **Robert Lemieux & Jennifer Burlingame** whose signatures and addresses appear below, to engage in discussions regarding this application.

Robert Lemieux _____ 480 Quaddick Town Farm Rd. Thompson, CT

Jennifer Burlingame _____ 480 Quaddick Town Farm Rd. Thompson, CT

Print Name		Signature	Street	Town	State
19. Sharon Bushey	X	Sharon Bushey	481 QTFR	Thompson	CT
20. GALE BUSHEY	X	Gale Bushey	481 QTFR	THOMPSON	CT
21. NANCY Redig	X	Nancy Redig	496 Quaddick Town Farm Rd	Thompson	CT
22. Ariel Gosh	X	Ariel Gosh	735 Quaddick Town Farm Rd	Thompson	CT
23. Mark Savoli	X	Mark Savoli	551 E. Thompson RD.	Thompson	Ct
24. Maria Ramona SAVOLIS	X	M Savolis	551 E. Thompson Rd	Thompson	CT
25. Gary Kettle	X	Gary Kettle	18 Wilsonville Rd	N. Grosvenordale	
26. Marcia Kettle	X	Marcia Kettle	18 Wilsonville Rd	N. Grosvenordale	

Date: 05/20/2020 [10:31:50 AM CDT]
From: wetlands@thompsonct.org
To: Jenn & Rob Lemieux <jennrob480@yahoo.com>
Cc: "Amy St.Onge" <firstselectman@thompsonct.org>, Thompson ZEO Cynthia Dunne <zeo@thompsonct.org>, Fran Morano <fmorano44@gmail.com>, Charles Obert <hcharlesobert@charter.net>, George O'Neill <goneil3@thompsonct.org>, Jparodi <jparodi@thompsonct.org>, "Diane Chapin, IWC Treasurer" <dchapin@thompsonct.org>, "Barbara Roach, IWC Alternate" <broach@thompsonct.org>, Janet Blanchette <janet@jdcivilengineers.com>
Subject: Re: Petition for public hearing WAA20012 Richard Desrochers

Dear Jenn & Rob,

Given the language of the Inland Wetlands and Watercourses Act (the Act, see section 22a-42a(c)(2) of the Connecticut General Statutes given below) with respect to an application for a wetlands agent approval I do not believe the option for petitioning a hearing exists on Wetlands Agent Approval Application WAA20012. In light of your request I intend to seek a legal opinion from the Town's legal counsel on this.

Work in the upland review area is not defined as a regulated activity in the Act (see section 22a-38 (13) of the Connecticut General Statutes). The regulation of work within 100 feet of a wetlands and watercourse (aka upland review area) provided for by the Thompson Inland Wetlands and Watercourses Regulations is a measure enacted in the regulations to insure wetlands and watercourses are not used or otherwise altered by the work proposed. Work in upland review areas (also sometimes rerfered to as setbacks or buffer areas) are not specifically referenced in the statutes, but as a result of past court cases are recognized as something the Inland Wetlands Commission can regulate in some way given the language in section 22a-42(a)(2), C.G.S. which reads:

"(2) An inland wetlands agency may delegate to its duly authorized agent the authority to approve or extend an activity that is not located in a wetland or watercourse when such agent finds that the conduct of such activity would result in no greater than a minimal impact on any wetland or watercourse provided such agent has completed the comprehensive training program developed by the commissioner pursuant to section 22a-39. Notwithstanding the provisions for receipt and processing applications prescribed in subdivision (1) of this subsection, such agent may approve or extend such an activity at any time..."

Be advised that I received revised plans on May 18, 2020, both in hard copy and electronically. I've attached the electronic copy of the revised plans to this email for your review and comment. I do not plan to render a decision before June 3rd. Please provide me with your comments or questions regarding the application and its revised plans by that time.

On related business please be advised that I have obtained documentation from the Town Clerk's Office for the registration of the trade name "J + J Construction LLC" by Richard T. Desrochers (copy attached to this email). The name on Application WAA20012 is now "Richard T. Desrochers DBA J + J Construction LLC".

Respectfully, Marla Butts, Wetlands Agent

Quoting Jenn & Rob Lemieux <jennrob480@yahoo.com>:

> Dear IW Commissioner & Wetlands Agent:
> Please see attached scanned copy of petition for hearing
> regarding application WAA20012 - Desrochers, Richard.
> I have communicated with the town clerk and will be dropping off the
> hardcopy before the day is out so she can stamp it in.
> If you need anything further please feel free to reach out to me at anytime.
> Thank you in advance,
> Jennifer Burlingame & Robert Lemieux Jr. Jenn cell: 508-353-4935
> **Amy please forward copy to Cynthia Dunne since I cannot email her
> directly because of the IT problem**

Marla Butts
Thompson Wetlands Agent
860-923-1852, Ext. 1
wetlands@thompsonct.org

Town of Thompson

INLAND WETLANDS COMMISSION

815 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CT 06255

WETLAND AGENT APPROVAL WAA20014

APPROVAL GRANTED TO:
Madison Avenue Investments, LLC
89 Wauregan Rd
Brooklyn, CT 06234

DATE OF APPROVAL: May 21, 2020
EXPIRATION DATE: May 21, 2025

LOCATION OF AUTHORIZED ACTIVITY: 0 Madison Avenue., Assessor's Map 103, Block 31, Lot 6I

DESCRIPTION OF AUTHORIZED ACTIVITY: To conduct regulated activities associated with the construction of a single family home including a portion of the septic system and footing drain located in the 100-foot upland review area as shown in Wetlands Agent Approval Application WAA20014 stamped received by the Thompson Wetlands Office May 11, 2020 and as shown in drawing(s) entitled "General Location Survey Septic System Design Pland - Lot 9 Prepared for Madison Avenue Investments, LLC, Madison Avenue Thompson, Connecticut" prepared by Killingly Engineering Associates, dated 4/15/2020 (2 sheets) stamped received May 11, 2020.

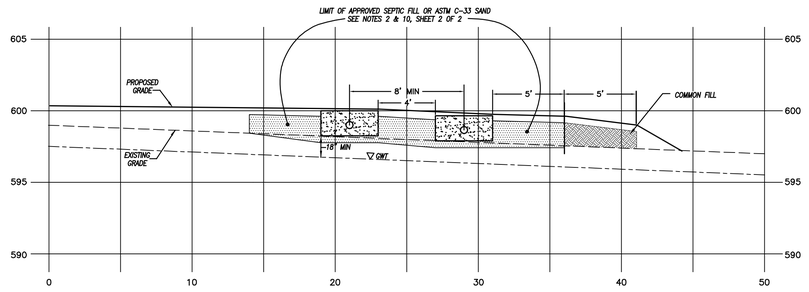
This approval is issued pursuant to section 11(b) of the Inland Wetlands and Watercourses Regulations of the Town of Thompson.

APPROVAL CONDITIONS:

1. A notice of decision will be requested to be published in the Thompson Villager. Note this approval is subject to appeal to the Inland Wetlands Commission for 15 days from the date of publication for a final decision.
2. If the authorized activity also involves an activity or a project which requires zoning or subdivision approval, special permit, variance, or special exception, then no work pursuant to this approval may begin until such other approval is obtained. (See section 11.10.c. of the Inland Wetlands and Watercourses Regulations of the Town of Thompson)
3. This approval will be valid for five (5) years. You are expected to notify the Wetland Agent of your starting date and to complete your activities within 2 years of beginning your site work. If you expect to take longer, you must contact the Wetland Agent for an extension.
4. The Thompson Wetland Agent/Inland Wetlands Commission must be notified in writing one week prior to the beginning of any regulated activities. Please use the enclosed card.
5. Appropriate erosion and sediment controls shall be installed prior to the beginning of any regulated activities. Until all disturbed soils are stabilized appropriate erosion and sediment controls shall be used and maintained. (See document entitled "2002 Connecticut Guidelines for Soil Erosion and Sediment Controls" for guidance.)
6. If there are any changes in the location of any of the proposed activities for which this approval has been granted, then the new proposal must be presented to Thompson Wetland Agent/ Inland Wetlands Commission for approval of such changes prior to commencing activities.

Wetland Agent: Marla Butts
Marla Butts

Dated: May 21, 2020



CROSS SECTION "A–A"

SCALE: 1" = 5'

FOR ALL CONSTRUCTION NOTES, TEST PIT DATA AND DETAILS SEE SHEET 2 OF 2.

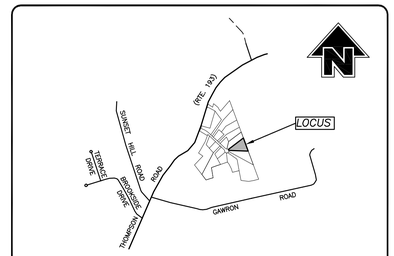
SEPTIC SYSTEM DESIGN DATA

Percolation Rate	=	7.1 min. / in.
3 bedroom house requires	=	495 s.f. effective leaching area
Effective Leaching area	=	3 s.f. / l.f. of trench
Length Required	=	495/3 = 165 l.f.
Length Provided	=	4 (41.25') = 165 l.f.
Min. Leaching System Spread (MLSS)	=	54 x 1.5 x 1.0 = 81.0'
MLSS Provided	=	82.5'

LEACHING FIELD

4 Trenches @ 41.25 l.f. each

Maximum depth into existing grade = 0"



LOCATION MAP

SCALE: 1" = 1000'

NOTE: SEPTIC SYSTEMS AND WELLS SHALL BE LOCATED A MINIMUM OF 37.5' FROM PROPERTY LINES PER ARTICLE IV, SECTION 2.R OF THE THOMPSON SUBDIVISION REGULATIONS

NOTES:

1. This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Sections 20–300b–1 through 20–300b–20 and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996;

   This map was prepared from record research, other maps, limited field measurements and other sources, it is not to be construed as a Property/Boundary or Limited Property /Boundary Survey and is subject to such facts as said surveys may disclose.

   – This survey conforms to a Class "C" horizontal accuracy.

   – Topographic features conform to a Class "T–2", "V–2" vertical accuracy.

   – Survey Type: General Location Survey.

2. Zone = R–40.
3. Owner of record: Madison Avenue Investments, LLC
   89 Wauregan Road
   Brooklyn, CT 06234
4. Parcel is shown as Lot #6I, Block #31 on Assessors Map #103.
5. Elevations shown are based on National Geodetic Vertical Datum of 1929 (NGVD 29). Contours shown are taken from map reference. Contour interval = 2'.
6. Test Pit data taken from map reference.
7. Wetlands shown were taken from map reference.
8. Before any construction is to commence contact "CALL BEFORE YOU DIG" at 1–800–922–4455 or 811.

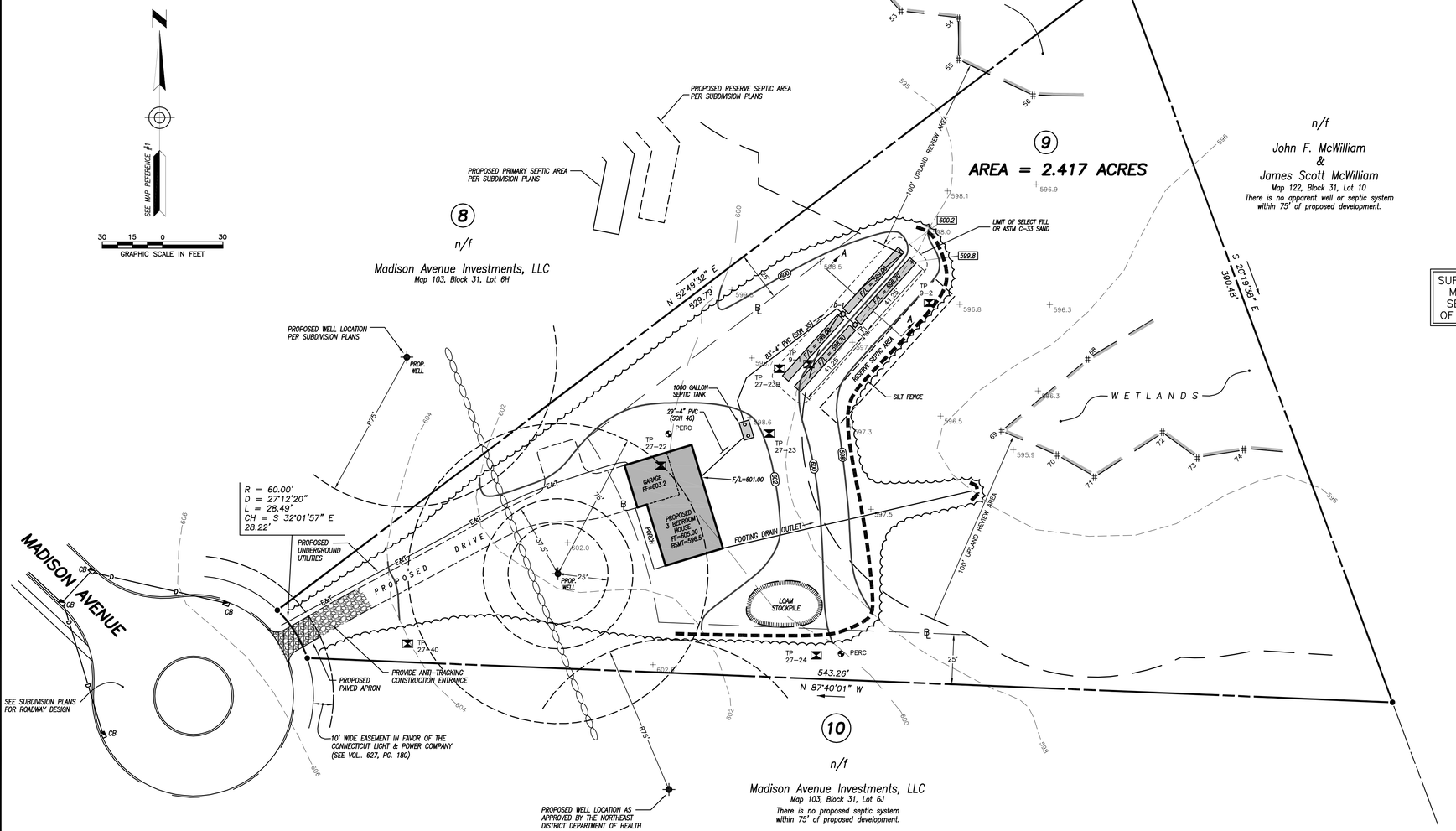
MAP REFERENCE:

"Subdivision Map – Prepared for – Meehan Builders, Inc. Thompson Road (Rte. 193) – Thompson, Connecticut – Scale: 1" = 100' – Date: 4/13/2004 – Revised to: 6/15/2011 – Sheet 2 of 11 – Prepared by: Killingly Engineering Associates." On file in the Thompson Land Records.

2. "Compilation Plan – Map Showing Easement Area To Be Granted To – The Connecticut Light & Power Company – Across The Property Of – Meehan Builders, Inc. – Thompson Road (Route 193) – Thompson, Connecticut – Scale: 1" = 100' Date: 9/28/2005 – Sheet 1 of 1 – prepared by: Provost & Rovero, Inc." On file in the Thompson Land Records.

SURVEYOR SHALL SET A BENCH MARK IN THE AREA OF THE SEPTIC SYSTEM AT THE TIME OF CONSTRUCTION STAKE–OUT.

SEPTIC TANK
1000 GALLON TWO COMPARTMENT F/L IN = 600.35 F/L OUT = 600.10
DISTRIBUTION BOXES
D–1 (OVERFLOW) F/L IN = 599.17 F/L OUT = 599.00 OVERFLOW = 599.25
D–2 (STANDARD) F/L IN = 598.87 F/L OUT = 598.70



LEGEND

F.F.	FINISHED FLOOR
●	IRON PIN SET OR TO BE SET
CB	PROPOSED CATCH BASIN
PERC	PERCOLATION TEST HOLE
TP	TEST HOLE
100	EXISTING CONTOURS
100	PROPOSED CONTOURS
#	INLAND WETLANDS FLAG
BL	BUILDING SETBACK LINE
D	PROPOSED STORM DRAIN PIPE
	SILT FENCE

NORMAND THIBEAULT, JR., P.E. No. 22834 DATE

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON,

GREG A. GLAUDE, L.S. LIC. NO. 70191 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE ORIGINAL SEAL AND SIGNATURE OF THE LAND SURVEYOR.

DATE	DESCRIPTION
	REVISIONS

GENERAL LOCATION SURVEY
SEPTIC SYSTEM DESIGN PLAN - LOT 9
PREPARED FOR

MADISON AVENUE INVESTMENTS, LLC

MADISON AVENUE
THOMPSON, CONNECTICUT

Killingly Engineering Associates
Civil Engineering & Surveying
114 Westcott Road
P.O. Box 421
Killingly, Connecticut 06241
(860) 779-7299
www.killinglyengineering.com

DATE: 4/15/2020	DRAWN: AMR
SCALE: 1" = 30'	DESIGN: NET
SHEET: 1 OF 2	CHK BY: GG
DWG. No: CLIENT FILE	JOB No: 15048

K:\15048\Drawings\SSD\Lot 9\15048 SSD Lot 9.dwg Apr 17, 2020 - 1:44 PM

Town of Thompson

INLAND WETLANDS COMMISSION
815 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CT 06255

WETLAND AGENT APPROVAL WAA20015

APPROVAL GRANTED TO:
Carol Weiss
1343 Thompson Rd
Thompson, CT 06277

DATE OF APPROVAL: May 21, 2020
EXPIRATION DATE: May 21, 2025

LOCATION OF AUTHORIZED ACTIVITY: 1343 Thompson Rd., Assessor's Map 114, Block 24, Lot 56A

DESCRIPTION OF AUTHORIZED ACTIVITY: To conduct regulated activities associated with repair of a failing septic system located within the 100-foot upland review area as shown in Wetlands Agent Approval Application WAA20015 stamped received by the Thompson Wetlands Office May 21, 2020 and as shown in drawing(s) submitted with the application.

This approval is issued pursuant to section 11(b) of the Inland Wetlands and Watercourses Regulations of the Town of Thompson.

APPROVAL CONDITIONS:

1. A notice of decision will be requested to be published in the Thompson Villager. Note this approval is subject to appeal to the Inland Wetlands Commission for 15 days from the date of publication for a final decision.
2. If the authorized activity also involves an activity or a project which requires zoning or subdivision approval, special permit, variance, or special exception, then no work pursuant to this approval may begin until such other approval is obtained. (See section 11.10.c. of the Inland Wetlands and Watercourses Regulations of the Town of Thompson)
3. This approval will be valid for five (5) years. You are expected to notify the Wetland Agent of your starting date and to complete your activities within 2 years of beginning your site work. If you expect to take longer, you must contact the Wetland Agent for an extension.
4. The Thompson Wetland Agent/Inland Wetlands Commission must be notified in writing one week prior to the beginning of any regulated activities. Please use the enclosed card.
5. Appropriate erosion and sediment controls shall be installed prior to the beginning of any regulated activities. Until all disturbed soils are stabilized appropriate erosion and sediment controls shall be used and maintained. (See document entitled "2002 Connecticut Guidelines for Soil Erosion and Sediment Controls" for guidance.)
6. If there are any changes in the location of any of the proposed activities for which this approval has been granted, then the new proposal must be presented to Thompson Wetland Agent/ Inland Wetlands Commission for approval of such changes prior to commencing activities.

Wetland Agent: Marla B. Butts
Marla Butts

Dated: May 21, 2020

Locus of Approval WAA20015 - Weiss Septic Repair

Property Information

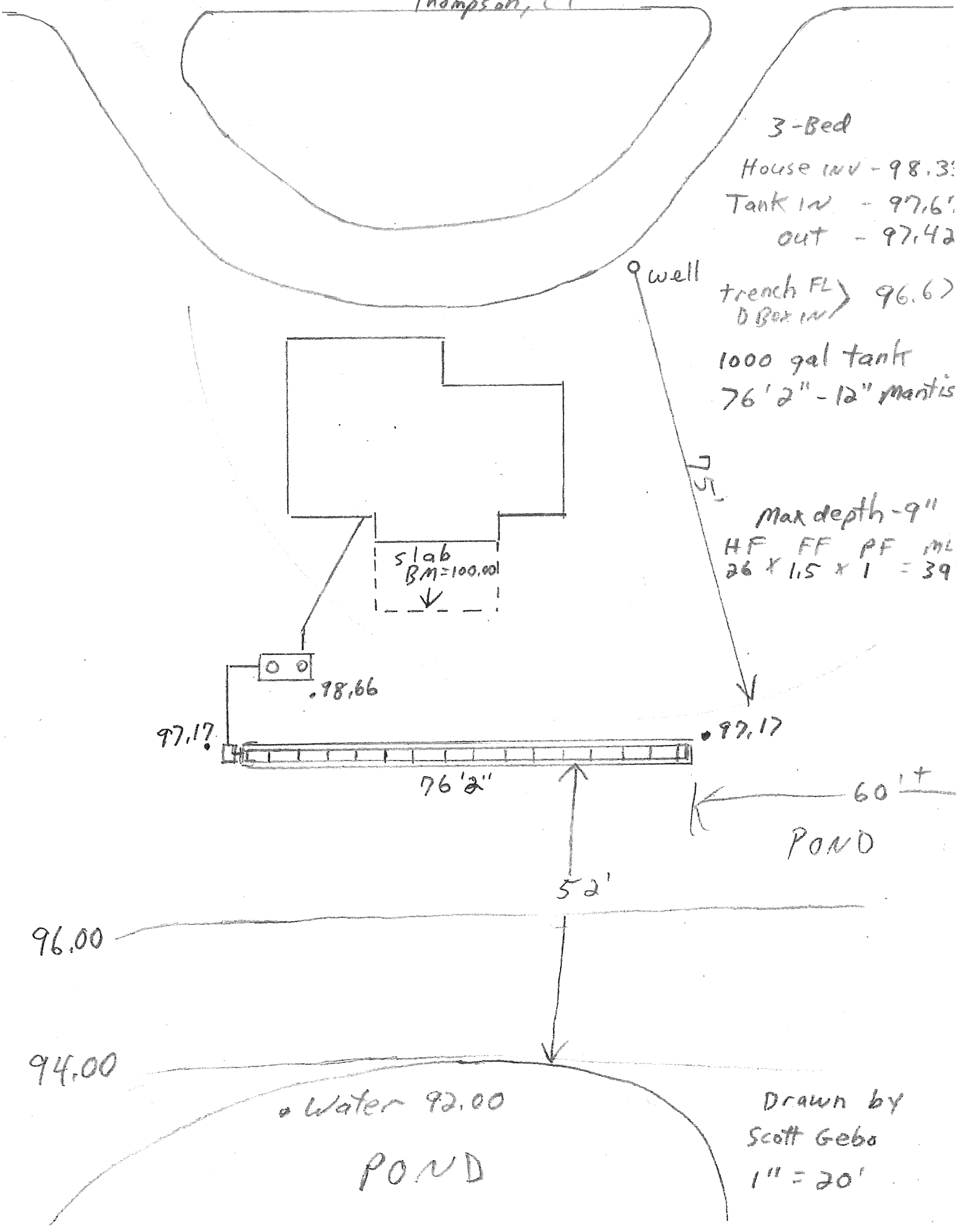
Property ID	2895
Location	1343 THOMPSON RD
Owner	WEISS JOHN A + CAROL A (LU)

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Town of Thompson, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated April 1, 2018
Data updated April 1, 2018

Carol Weiss
1343 Thompson Rd
Thompson, CT



Date: 06/02/2020 [07:08:47 AM CDT]
From: wetlands@thompsonct.org
To: David Held <dheld@prorovinc.com>
Cc: "Cynthia Dunne, ZEO" <zeo@thompsonct.org>
Subject: Request for Information, Application WAA20016, Saywatt Hydroelectric, LLC

Hi Dave,

I conducted a preliminary review of the application you submitted and I received on May 27, 2020 for "construction of a PV solar array by Saywatt Hydroelectric" at 0 West Thompson Rd & 12 Old Route 12 in Thompson. I have the following requests for information and clarification:

1. Application Item 6: Please provide and more detailed description of the proposed regulated activity, clarify the size of the proposed solar array and what is the nature of the work to be performed in the 100-foot upland review area including, but not limited to, clearing and any proposed grading work, identification of prior permits for and status of previously approved solar arrays (I believe there were 2) and how this proposal relates to the previous approvals.

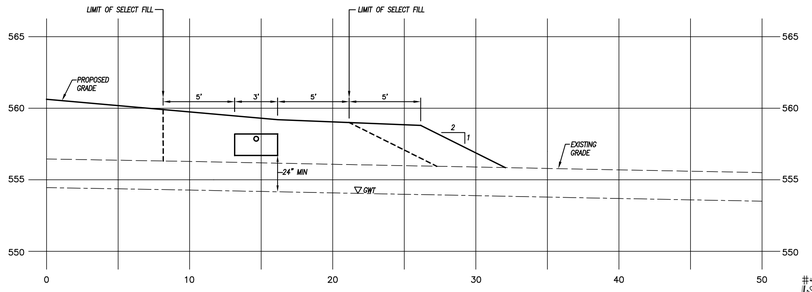
2. On the site plans, please show the FEMA 100-yr floodplain and floodway. Note #9 on sheet 3 of 4 states flood elevations have been converted to NAVD 1988. Should the mapped floodplain be incongrugent with the existing contours, you may suggest and identify a more precise location of the 100-year floodplain boundary based on the cross-sectional data provided in the Flood Insurance Rate Map reference in Note #9 and your survey data.

3. It is unclear what portion, if any, of the proposed solar array is located in the FEMA 100-yr flood plain. If any portion of the proposed solar array is located in the mapped FEMA 100-yr floodplain please provide an explanation as to the structural integrety of the array to withstand floodwater forces without failure or breaking away.

4. On sheet 3 of 4 of the site plans the legend appears to show a clearing limit transecting the solar array. Please modify the plans to show what portions of the solar array were previously authorized and under what permits and what portion of the array is proposed for authorization in this application.

Based on your response I will continue processing the application. Please feel free to contact me if you have any questions. - Marla Butts, Thompson Wetlands Agent

--
Marla Butts
Thompson Wetlands Agent
860-923-1852, Ext. 1
wetlands@thompsonct.org



CROSS SECTION "A–A"

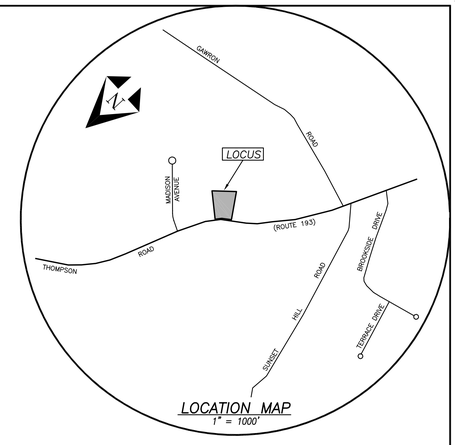
SCALE: 1" = 5'

SEPTIC SYSTEM DESIGN CRITERIA

Percolation rate = 3.3 min/inch
3 bedroom house requires 495 S.F. leaching area
Receiving soil at system = 26" avg. natural + 21" fill = 47"
Receiving soil 25' down gradient = 26" avg. natural
Average receiving soil = 36.5"
Hydraulic gradient = 2.5%
HF = 30
FF = 1.5
PF = 1.0
MLSS = 45 L.F.

PROPOSED LEACHING SYSTEM

45 L.F. (9 units at 5 L.F.) of Mantis 536–8 leaching units
Leaching area = 45 L.F. x 11.0 S.F./L.F. = 495 S.F.
Set bottom 3" min. above existing grade



LOCATION MAP

1" = 1000'

TEST HOLE DATA – August 12, 2005
Northeast District Department of Health

TEST PIT	DEPTH	PROFILE
1	0"– 8"	Topsoil, Organics, Roots
	8"– 28"	Tight Sandy Loam Fine Roots
	28"– 86"	Compact Sandy Loam w/Pockets of Loamy Sand
	Ledge	N/A
	GWT	N/A
	Mottling	28"
	Restrictive	28"
2	0"– 7"	Topsoil, Organics, Roots
	7"– 33"	Loamy Fine Sand
	33"– 75"	Compact Gravelly Loamy Sand
	Ledge	N/A
	GWT	N/A
	Mottling	33"
	Restrictive	33"
3	0"– 7"	Topsoil, Organics, Roots
	7"– 28"	Tight Sandy Loam, Rocky
	28"– 87"	Compact Loamy Fine Sand
	Ledge	N/A
	GWT	N/A
	Mottling	28"
	Restrictive	28"
4	0"– 7"	Topsoil, Organics, Roots
	7"– 24"	Sandy Loam, Fine Roots
	24"– 36"	Mod Compact Loamy Sand Stones
	36"– 70"	Compact Loamy Fine Sand Some Stone
	Ledge	N/A
	GWT	N/A
	Mottling	24"
	Restrictive	24"

PERCOLATION TEST RESULT – august 12,2005
Northeast District Department of Health

HOLE	DEPTH	RATE (min./in.)
A	18"	3.3
B	19"	3.3

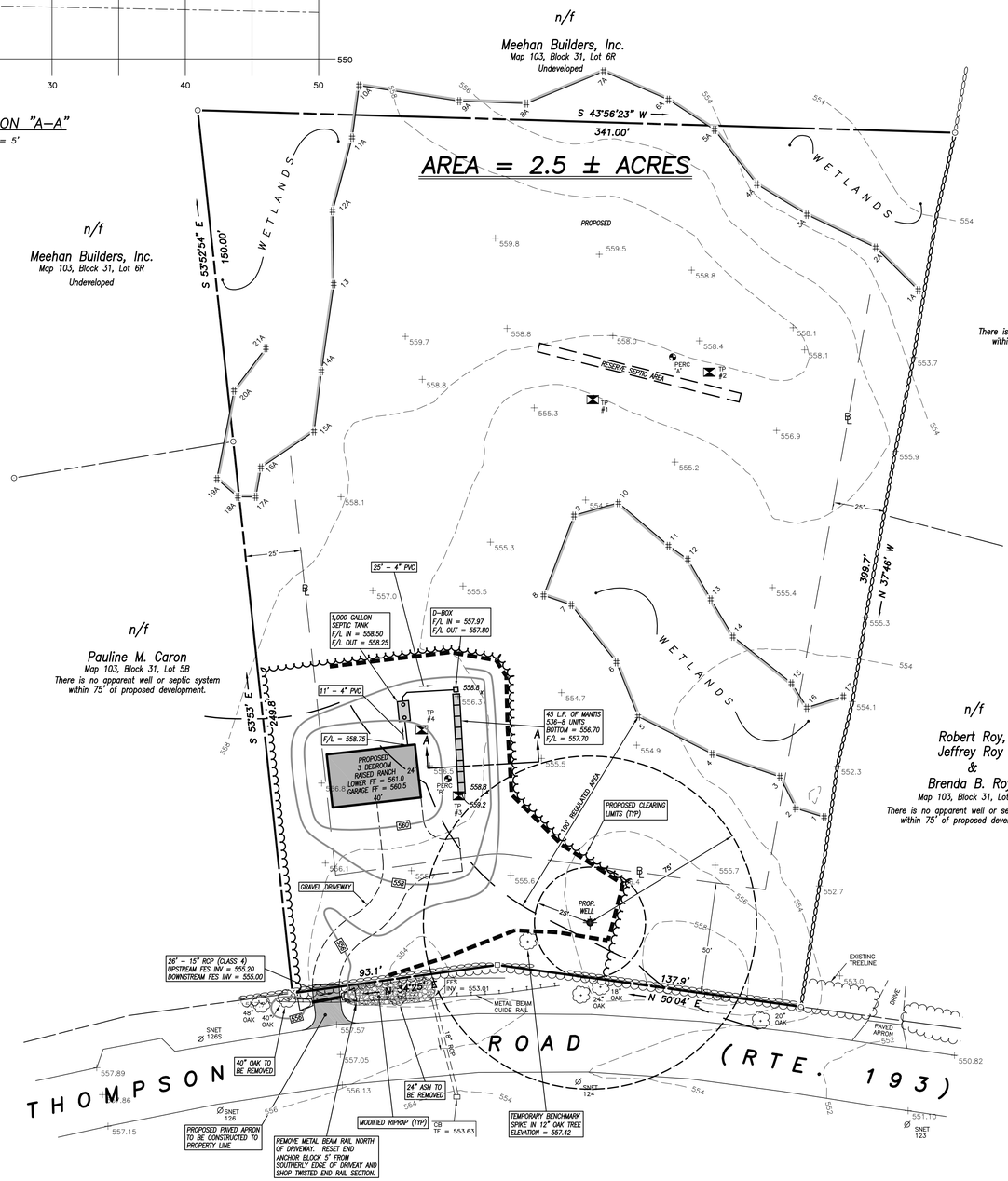
n/f
Meehan Builders, Inc.
Map 103, Block 31, Lot 6R
Undeveloped

n/f
Meehan Builders, Inc.
Map 103, Block 31, Lot 6R
Undeveloped

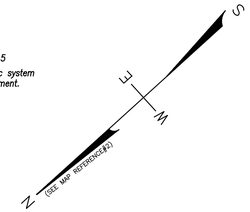
n/f
Pauline M. Caron
Map 103, Block 31, Lot 5B
There is no apparent well or septic system within 75' of proposed development.

n/f
Cindy A. Martin
Map 103, Block 31, Lot 5
There is no apparent well or septic system within 75' of proposed development.

n/f
Robert Roy, Jeffrey Roy & Brenda B. Roy
Map 103, Block 31, Lot 5E
There is no apparent well or septic system within 75' of proposed development.



SURVEYOR SHALL SET A BENCH MARK IN THE AREA OF THE SEPTIC SYSTEM AT THE TIME OF CONSTRUCTION STAKE–OUT.



LEGEND

- F.F. FINISHED FLOOR
- ○ IRON PIN FOUND
- □ CHD MONUMENT FOUND
- ⌀ UTILITY POLE
- 100 EXISTING CONTOURS
- 100 PROPOSED CONTOURS
- # INLAND WETLANDS FLAG
- BL BUILDING SETBACK LINE
- PERCOLATION TEST HOLE
- TEST HOLE
- STONE WALL
- SILT FENCE

NOTES:

1. This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Sections 20–300b–1 through 20–300b–20 and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996;

   This map was prepared from record research, other maps, limited field measurements and other sources, It is not to be construed as a Property/Boundary or Limited Property/Boundary Survey and is subject to such facts as said surveys may disclose.

   – This survey conforms to a Class "C" horizontal accuracy.

   – Topographic features conform to a Class "T–2", "V–2" vertical accuracy.

   – Survey Type: General Location Survey.

2. Owners of record: Mark W. Labonte
   70 Joy Road
   Woodstock, CT 06281
3. Parcel is shown as Lot #5A, Block 31 on Assessors Tax Map #103.
4. Zone: R–40.
5. Northeast District Department of Health file number: 6000059.
6. Elevations based on National Geodetic Vertical Datum of 1929. Contours taken from actual field survey. Contour interval = 2'.
7. Wetlands shown were flagged in the field by Joseph Theroux, Certified Soil Scientist, in February, 2020.
8. Parcel lies within Flood Hazard Zone 'C' (areas of minimal flooding) as shown on FIRM Map # 090117 Panel 0020B Effective Date: Nov. 1, 1984.
9. Before any construction is to commence contact "CALL BEFORE YOU DIG" at 1–800–922–4455.

MAP REFERENCES:

1. "Connecticut State Highway Department – Right of Way Map – Town of Thompson – Webster Road – from Thompson Green Northerly to Brandy Hill – Route No. 193 – Scale: 1" = 40' – Dated: June 30, 1937".
2. "Subdivision Map – prepared for – Meehan Builders, Inc. – Thompson Road – Thompson, Connecticut – Scale: 1" = 100' – Dated: 04/13/2004 Revised to: 12/01/2004 – Provost & Rovero, Inc." On file in the Thompson Land Records.

GENERAL LOCATION SURVEY

SEPTIC SYSTEM DESIGN PLAN

PREPARED FOR

MARK W. LABONTE

THOMPSON ROAD (ROUTE 193)
THOMPSON, CONNECTICUT

30 15 0 30
GRAPHIC SCALE IN FEET

I HAVE REVIEWED THE FLAGGED INLAND WETLANDS LOCATION SHOWN ON THIS PLAN AND THEY APPEAR TO BE SUBSTANTIALLY CORRECT.

Certified Soil Scientist Date

DAVID J. HELD, P.E. No. 24267 DATE:

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON,

DAVID J. HELD, L.S. LIC. NO. 24267 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE ORIGINAL SEAL AND SIGNATURE OF THE LAND SURVEYOR.

REVISIONS	
DATE	DESCRIPTION
12/2/2005	DOT COMMENTS
6/18/2018	NEW OWNER & DOT COMMENTS
8/1/2019	DOT COMMENTS
10/4/2019	DOT COMMENTS
3/24/2020	HOUSE & I.W. COMMENTS

DATE: 8/18/2005	DRAWN: AMR
SCALE: 1" = 30'	CHK BY: GG
SHEET: 1 OF 2	JOB No: 053082
DWG. No: 141C–24–05	FIELD BOOK: ---

Provost & Rovero, Inc.
Engineering • Surveying • Site Planning
57 East Main Street, P.O. Box 191
Plainfield, Connecticut 06374
(860) 230-0856 - FAX: (860) 230-0860
EMAIL: info@prorovinc.com

EROSION AND SEDIMENT CONTROL PLAN:

REFERENCE IS MADE TO:

1. Connecticut Guidelines for Soil Erosion and Sediment Control 2002 (2002 Guidelines).
2. Soil Survey of Windham County Connecticut, U.S.D.A. Soil Conservation Service 1983.

SOILS:

The proposed site is comprised mainly of three soil types;
Canton and Charlton "CdC", Ridgebury, Leicester, and Whitman "Rn" and Woodbridge "WyB"

CdC–Canton and Charlton extremely stony fine sandy loams, 3 to 15 percent slopes. This unit consists of gently sloping to sloping, well drained soils on ridges, hills, and side slopes of glacial till uplands. The areas are oval or irregular in shape and range from 5 to 100 acres. Slopes are mostly smooth and convex and are 100 to 600 feet long. Stones cover 8 to 25 percent of the surface.

Rn–Ridgebury, Leicester, and Whitman extremely stony, fine sandy loams. This unit consists of nearly level, poorly drained soils in depressions and drainageways of glacial till uplands. The areas are mostly long and narrow or irregular in shape and range from 5 to 150 acres. Slopes range from 0 to 3 percent and are mainly 100 to 300 feet long. Stones cover 8 to 25 percent of the surface.

WyB–Woodbridge very stony fine sandy loam, 3 to 8 percent slopes. This soil is gently sloping and moderately well drained. It is on the tops and side slopes of drumlins and hills on glacial till uplands. The areas are mostly long and narrow or irregular in shape and range from 3 to 25 acres. Stones cover 1 to 8 percent of the surface.

DEVELOPMENT SCHEDULE: (individual Lots):

1. Prior to any work on site, the limits of disturbance shall be clearly flagged in the field by a Land Surveyor, licensed in the State of Connecticut. Once the limits of clearing are flagged, they shall be reviewed and approved by an agent of the Town.
2. Install and maintain erosion and sedimentation control devices as shown on these plans. All erosion control devices shall be inspected by an agent of the Town. Any additional erosion control devices required by the Town's Agent shall be installed and inspected prior to any construction on site. (See silt fence installation notes.)
3. Install construction entrance.
4. Construction will begin with clearing, grubbing and rough grading of the proposed site. The work will be confined to areas adjacent to the proposed building, septic system and driveway. Topsoil will be stockpiled on site and utilized during final grading.
5. Begin construction of the house, septic system and well.
6. Disturbed areas shall be seeded and stabilized as soon as possible to prevent erosion.
7. The site will be graded so that all possible trees on site will be saved to provide buffers to adjoining lots.

DEVELOPMENT CONTROL PLAN:

1. Development of the site will be performed by the individual lot owner, who will be responsible for the installation and maintenance of erosion and sediment control measures required throughout construction.
2. The sedimentation control mechanisms shall remain in place from start of construction until permanent vegetation has been established. The representative for the Town of Thompson will be notified when sediment and erosion control structures are initially in place. Any additional soil & erosion control measures requested by the Town or its agent, shall be installed immediately. Once the proposed development, seeding and planting have been completed, the representative shall again be notified to inspect the site. The control measures will not be removed until this inspection is complete.
3. All stripping is to be confined to the immediate construction area. Topsoil shall be stockpiled so that slopes do not exceed 2 to 1. A hay bale sediment barrier is to surround each stockpile and a temporary vegetative cover shall be provided.
4. Dust control will be accomplished by spraying with water and if necessary, the application of calcium chloride.
5. The proposed planting schedule is to be adhered to during the planting of disturbed areas throughout the proposed construction site.
6. Final stabilization of the site is to follow the procedures outlined in "Permanent Vegetative Cover". If necessary a temporary vegetative cover is to be provided until a permanent cover can be applied.

SILT FENCE INSTALLATION AND MAINTENANCE:

1. Dig a 6" deep trench on the uphill side of the barrier location.
2. Position the posts on the downhill side of the barrier and drive the posts 1.5 feet into the ground.
3. Lay the bottom 6" of the fabric in the trench to prevent undermining and backfill.
4. Inspect and repair barrier after heavy rainfall.
5. Inspections will be made at least once per week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater to determine maintenance needs.
6. Sediment deposits are to be removed when they reach a height of 1 foot behind the barrier or half the height of the barrier and are to be deposited in an area which is not regulated by the inland wetlands commission.
7. Replace or repair the fence within 24 hours of observed failure. Failure of the fence has occurred when sediment fails to be retained by the fence because:
   – the fence has been overtopped, undercut or bypassed by runoff water,
   – the fence has been moved out of position (knocked over), or
   – the geotextile has decomposed or been damaged.

HAY BALE INSTALLATION AND MAINTENANCE:

1. Bales shall be placed as shown on the plans with the ends of the bales tightly abutting each other.
2. Each bale shall be securely anchored with at least 2 stakes and gaps between bales shall be wedged with straw to prevent water from passing between the bales.
3. Inspect bales at least once per week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inches or greater to determine maintenance needs.
4. Remove sediment behind the bales when it reaches half the height of the bale and deposit in an area which is not regulated by the Inland Wetlands Commission.
5. Replace or repair the barrier within 24 hours of observed failure. Failure of the barrier has occurred when sediment fails to be retained by the barrier because:
   – the barrier has been overtopped, undercut or bypassed by runoff water,
   – the barrier has been moved out of position, or
   – the hay bales have deteriorated or been damaged.

TEMPORARY VEGETATIVE COVER:

SEED SELECTION

Grass species shall be appropriate for the season and site conditions. Appropriate species are outlined in Figure TS–2 in the 2002 Guidelines.

TIMING CONSIDERATIONS

Seed with a temporary seed mixture within 7 days after the suspension of grading work in disturbed areas where the suspension of work is expected to be more than 30 days but less than 1 year.

SITE PREPARATION

Install needed erosion control measures such as diversions, grade stabilization structures, sediment basins and grassed waterways.

Grade according to plans and allow for the use of appropriate equipment for seedbed preparation, seeding, mulch application, and mulch anchoring.

SEEDBED PREPARATION

Loosen the soil to a depth of 3–4 inches with a slightly roughened surface. If the area has been recently loosened or disturbed, no further roughening is required. Soil preparation can be accomplished by tracking with a bulldozer, discing, harrowing, raking or dragging with a section of chain link fence. Avoid excessive compaction of the surface by equipment traveling back and forth over the surface. If the slope is tracked, the cleat marks shall be perpendicular to the anticipated direction of the flow of surface water.

If soil testing is not practical or feasible on small or variable sites, or where timing is critical, fertilizer may be applied at the rate of 300 pounds per acre or 7.5 pounds per 1,000 square feet of 10–10–10 or equivalent. Additionally, lime may be applied using rates given in Figure TS–1 in the 2002 Guidelines.

SEEDING

Apply seed uniformly by hand cyclone seeder, drill, cultipacker type seeder or hydroseeder at a minimum rate for the selected species. Increase seeding rates by 10% when hydroseeding.

MULCHING

Temporary seedings made during optimum seeding dates shall be mulched according to the recommendations in the 2002 Guidelines. When seeding outside of the recommended dates, increase the application of mulch to provide 95%–100% coverage.

MAINTENANCE

Inspect seeded area at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater for seed and mulch movement and rill erosion.

Where seed has moved or where soil erosion has occurred, determine the cause of the failure. Repair eroded areas and install additional controls if required to prevent reoccurrence of erosion.

Continue inspections until the grasses are firmly established. Grasses shall not be considered established until a ground cover is achieved which is mature enough to control soil erosion and to survive severe weather conditions (approximately 80% vegetative cover).

PERMANENT VEGETATIVE COVER:

Refer to Permanent Seeding Measure in the 2002 Guidelines for specific applications and details related to the installation and maintenance of a permanent vegetative cover. In general, the following sequence of operations shall apply:

1. Topsoil will be replaced once the excavation and grading has been completed. Topsoil will be spread at a minimum compacted depth of 4".
2. Once the topsoil has been spread, all stones 2" or larger in any dimension will be removed as well as debris.
3. Apply agricultural ground limestone at a rate of 2 tons per acre or 100 lbs. per 1000 s.f. Apply 10–10–10 fertilizer or equivalent at a rate of 300 lbs. per acre or 7.5 lbs. per 1000 s.f. Work lime and fertilizer into the soil to a depth of 4".
4. Inspect seedbed before seeding. If traffic has compacted the soil, retill compacted areas.
5. Apply the chosen grass seed mix. The recommended seeding dates are: April 1 to June 15 & August 15 – October 1.
6. Following seeding, firm seedbed with a roller. Mulch immediately following seeding. If a permanent vegetative stand cannot be established by September 30, apply a temporary cover on the topsoil such as netting, mat or organic mulch.

EROSION AND SEDIMENT CONTROL NARRATIVE:

PRINCIPLES OF EROSION AND SEDIMENT CONTROL

The primary function of erosion and sediment controls is to absorb erosional energies and reduce runoff velocities that force the detachment and transport of soil and/or encourage the deposition of eroded soil particles before they reach any sensitive area.

KEEP LAND DISTURBANCE TO A MINIMUM

The more land that is in vegetative cover, the more surface water will infiltrate into the soil, thus minimizing stormwater runoff and potential erosion. Keeping land disturbance to a minimum not only involves minimizing the extent of exposure at any one time, but also the duration of exposure. Phasing, sequencing and construction scheduling are interrelated. Phasing divides a large project into distinct sections where construction work over a specific area occurs over distinct periods of time and each phase is not dependent upon a subsequent phase in order to be functional. A sequence is the order in which construction activities are to occur during any particular phase. A sequence should be developed on the premise of "first things first" and "last things last" with proper attention given to the inclusion of adequate erosion and sediment control measures. A construction schedule is a sequence with time lines applied to it and should address the potential overlap of actions in a sequence which may be in conflict with each other.

– Limit areas of clearing and grading. Protect natural vegetation from construction equipment with fencing, tree armoring, and retaining walls or tree wells.
– Route traffic patterns within the site to avoid existing or newly planted vegetation.
– Phase construction so that areas which are actively being developed at any one time are minimized and only that area under construction is exposed. Clear only those areas essential for construction.
– Sequence the construction of storm drainage systems so that they are operational as soon as possible during construction. Ensure all outlets are stable before outletting storm drainage flow into them.
– Schedule construction so that final grading and stabilization is completed as soon as possible.

SLOW THE FLOW

Detachment and transport of eroded soil must be kept to a minimum by absorbing and reducing the erosive energy of water. The erosive energy of water increases as the volume and velocity of runoff increases. The volume and velocity of runoff increases during development as a result of reduced infiltration rates caused by the removal of existing vegetation, removal of topsoil, compaction of soil and the construction of impervious surfaces.

– Use diversions, stone dikes, silt fences and similar measures to break flow lines and dissipate storm water engery.
– Avoid diverting one drainage system into another without calculating the potential for downstream flooding or erosion.

KEEP CLEAN RUNOFF SEPARATED

Clean runoff should be kept separated from sediment laden water and should not be directed over disturbed areas without additional controls. Additionally, prevent the mixing of clean off–site generated runoff with sediment laden runoff generated on–site until after adequate filtration of on–site waters has occurred.

– Segregate construction waters from clean water.
– Divert site runoff to keep it isolated from wetlands, watercourses and drainage ways that flow through or near the development until the sediment in that runoff is trapped or detained.

REDUCE ON SITE POTENTIAL INTERNALLY AND INSTALL PERIMETER CONTROLS

While it may seem less complicated to collect all waters to one point of discharge for treatment and just install a perimeter control, it can be more effective to apply internal controls to many small sub–drainage basins within the site. By reducing sediment loading from within the site, the chance of perimeter control failure and the potential off–site damage that it can cause is reduced. It is generally more expensive to correct off–site damage than it is to install proper internal controls.

– Control erosion and sedimentation in the smallest drainage area possible. It is easier to control erosion than to contend with sediment after it has been carried downstream and deposited in unwanted areas.
– Direct runoff from small disturbed areas to adjoining undisturbed vegetated areas to reduce the potential for concentrated flows and increase settlement and filtering of sediments.
– Concentrated runoff from development should be safely conveyed to stable outlets using rip rapped channels, waterways, diversions, storm drains or similar measures.
– Determine the need for sediment basins. Sediment basins are required on larger developments where major grading is planned and where it is impossible or impractical to control erosion at the source. Sediment basins are needed on large and small sites when sensitive areas such as wetlands, watercourses, and streets would be impacted by off–site sediment deposition. Do not locate sediment basins in wetlands or permanent or intermittent watercourses. Sediment basins should be located to intercept runoff prior to its entry into the wetland or watercourse.
– Grade and landscape around buildings and septic systems to divert water away from them.

SEPTIC SYSTEM CONSTRUCTION NOTES

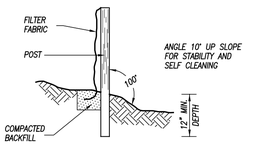
1. The building, septic system and well shall be accurately staked in the field by a licensed Land Surveyor in the State of Connecticut, prior to construction.
2. Topsoil shall be removed and in the area of the primary leaching field scarified, prior to placement of septic fill. Septic fill specifications are as follows:

   – Max. percent of gravel (material between No. 4 & 3 inch sieves) = 45%

   GRADATION OF FILL (MINUS GRAVEL)

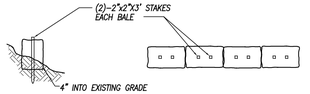
SIEVE SIZE	PERCENT PASSING (WET SIEVE)	PERCENT PASSING (DRY SIEVE)
No. 4	100%	100%
No. 10	70% – 100%	70% – 100%
No. 40	10% – 50%	10% – 75%
No. 100	0% – 20%	0% – 5%
No. 200	0% – 5%	0% – 2.5%

   Fill material shall be approved by the sanitarian prior to placement. It shall be compacted in 6" lifts and shall extend a minimum of ten feet (10') beyond the last leaching trench before tapering off.
3. Septic tank shall be two compartment precast 1000 gallon tank with gas deflector and outlet filter as manufactured by Jolley Precast, Inc. or equal.
4. Distribution boxes shall be 4 hole precast concrete as manufactured by Jolley Precast, Inc. or equal.
5. All precast structures such as septic tanks, distribution boxes, etc. shall be set level on six inches (6") of compacted gravel base at the elevations specified on the plans.
6. Solid distribution pipe shall be 4" diameter PVC meeting ASTM D–3034 SDR 35 with compression gasket joints. It shall be laid true to the lines and grades shown on the plans and in no case have a slope less than 0.125 inches per foot.
7. Perforated distribution pipe shall be 4" diameter PVC meeting ASTM D–2729 or ASTM D–3350, 1500 lb. minimum crush.
8. Sewer pipe from the foundation wall to the septic tank shall be schedule 40 PVC meeting ASTM D 1785. It shall be laid true to the grades shown on the plans and in no case shall have a slope less than 0.25 inches per foot.
9. Force main pressure pipe from pump chamber to the leaching field shall be 2" diameter pvc meeting ASTM D 2241 SDR 21.
10. Solid footing drain outlet pipe shall be 4" Diameter PVC meeting ASTM D 3034, SDR 35 with compression gasketed joints. Footing drain outlet pipe shall not be backfilled with free draining material, such as gravel, broken stone, rock fragments, etc.



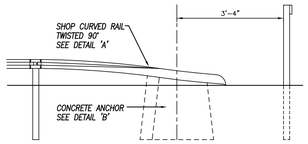
SILT FENCE

NOT TO SCALE

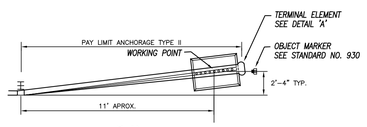


HAYBALE BARRIER

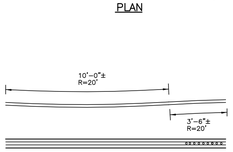
NOT TO SCALE



ELEVATION

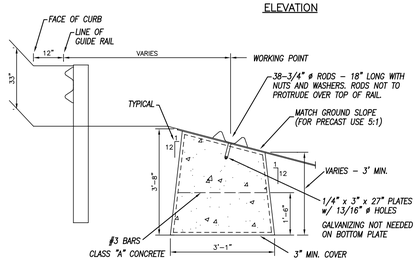


PLAN



SHOP CURVED RAIL

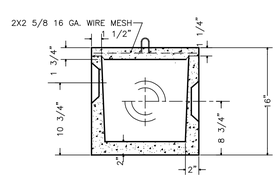
DETAIL 'A'



ELEVATION

CONCRETE END ANCHOR TYPE II

DETAIL 'B'

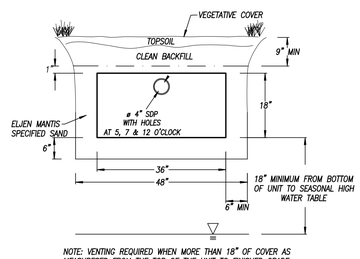


STANDARD D–BOX

NOT TO SCALE

R–B END ANCHOR TYPE II

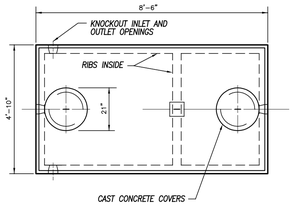
NOTE: R–B END ANCHORAGE TYPE II WILL BE USED ONLY WHERE NARROW OPENINGS ARE REQUIRED ALONG THE GUIDE RAILING ALIGNMENT, SUCH AS DRIVES OR BARWAYS AND THEN ONLY WHERE APPROPRIATE GRADING FOR TYPE I OR THE "TREND" TRANSITION TREATMENT WOULD NOT BE PRACTICABLE.



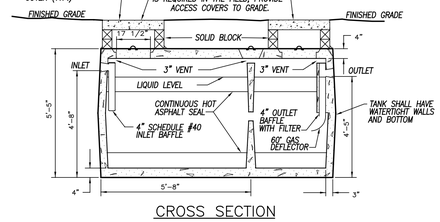
NOTE: VENTING REQUIRED WHEN MORE THAN 18" OF COVER AS MEASURESED FROM THE TOP OF THE UNIT TO FINISHED GRADE

MANTIS 536–8 INSTALLATION

NOT TO SCALE



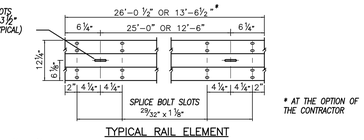
PLAN



CROSS SECTION

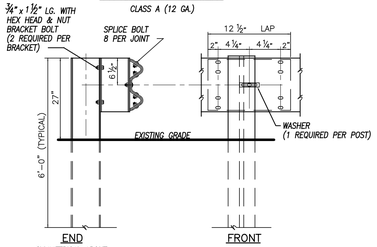
1000 GALLON 2 COMPARTMENT SEPTIC TANK

NOT TO SCALE



TYPICAL RAIL ELEMENT

CLASS A (12 GA.)



SYMMETRICAL ABOUT CENTER LINE FOR MEDIAN BARRIER INSTALLATION

INSTALLATION TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF CT. D.O.T.

METAL BEAM RAIL

NOT TO SCALE

DETAIL SHEET

PREPARED FOR

MARK W. LABONTE

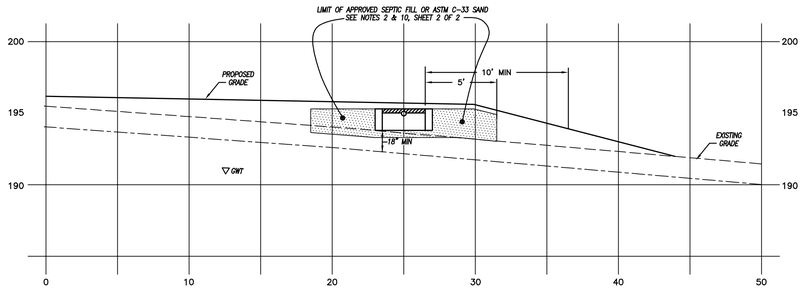
THOMPSON ROAD (ROUTE 193)
THOMPSON, CONNECTICUT

REVISIONS	
DATE	DESCRIPTION
6/18/2018	NEW OWNER, DOT COMMENTS
9/13/2019	DOT COMMENTS
10/4/2019	DOT COMMENTS
3/24/2020	HOUSE & I.W. COMMENTS

DATE: 8/18/2005	DRAWN: AMR
SCALE: AS NOTED	CHK BY: GG
SHEET: 2 OF 2	JOB No: 053082
DWG. No: 141C–24–05	FIELD BOOK: ---

DAVID J. HELD, P.E. No. 24267 DATE:

Provost & Rovero, Inc.
Engineering • Surveying • Site Planning
57 East Main Street, P.O. Box 191
Plainfield, Connecticut 06374
(860) 230-0856 - FAX: (860) 230-0860
EMAIL: info@prorovinc.com



CROSS SECTION "A–A"

SCALE: 1" = 5'

TEST HOLE DATA – September 19, 2019
Northeast District Department of Health

TEST PIT	DEPTH	PROFILE
1	0"– 10"	Topsoil
	10"– 24"	OB Silt Loam
	24"– 70"	GR Mottled Loamy Sand
	70"– 72"	Groundwater
	Ledge	N/A
	GWT	70"
	Mottling	24"
	Roots	24"
2	0"– 8"	Topsoil
	8"– 22"	OB Silt Loam
	22"– 67"	GR Mottled Loamy Sand
	67"– 69"	Groundwater
	Ledge	N/A
	GWT	67"
	Mottling	22"
	Roots	22"

TEST HOLE DATA – September 19, 2019
Northeast District Department of Health

TEST PIT	DEPTH	PROFILE
3	0"– 10"	Topsoil
	10"– 20"	OB Silt Loam
	20"– 55"	GR Mottled Loamy Fine Sand
	55"– 59"	Groundwater
	Ledge	N/A
	GWT	Seeps @24"
	Mottling	20"
	Roots	20"
4	0"– 10"	Topsoil
	10"– 18"	OB Silt Loam
	18"– 48"	GR Mottled Loamy Fine Sand
	48"– 52"	Groundwater
	Ledge	N/A
	GWT	Seeps @22"
	Mottling	18"
	Roots	18"

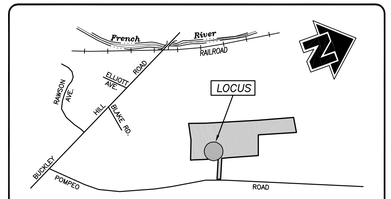
SEPTIC SYSTEM DESIGN DATA

Percolation Rate	=	10 min. / in.
4 bedroom house requires (3 bedroom + inlaw apartment)	=	577.5 s.f. effective leaching area
Effective Leaching area	=	11 s.f. / l.f. of Mantis 536–8
Length Required	=	577.5/11 = 52.5 l.f.
Length Provided	=	55 l.f.
Min. Leaching System Spread (MLSS)	=	30 x 1.75 x 1.0 = 52.5'
MLSS Provided	=	55'

LEACHING FIELD

1 – 55' row (11 sections) Eljen Mantis 536–8

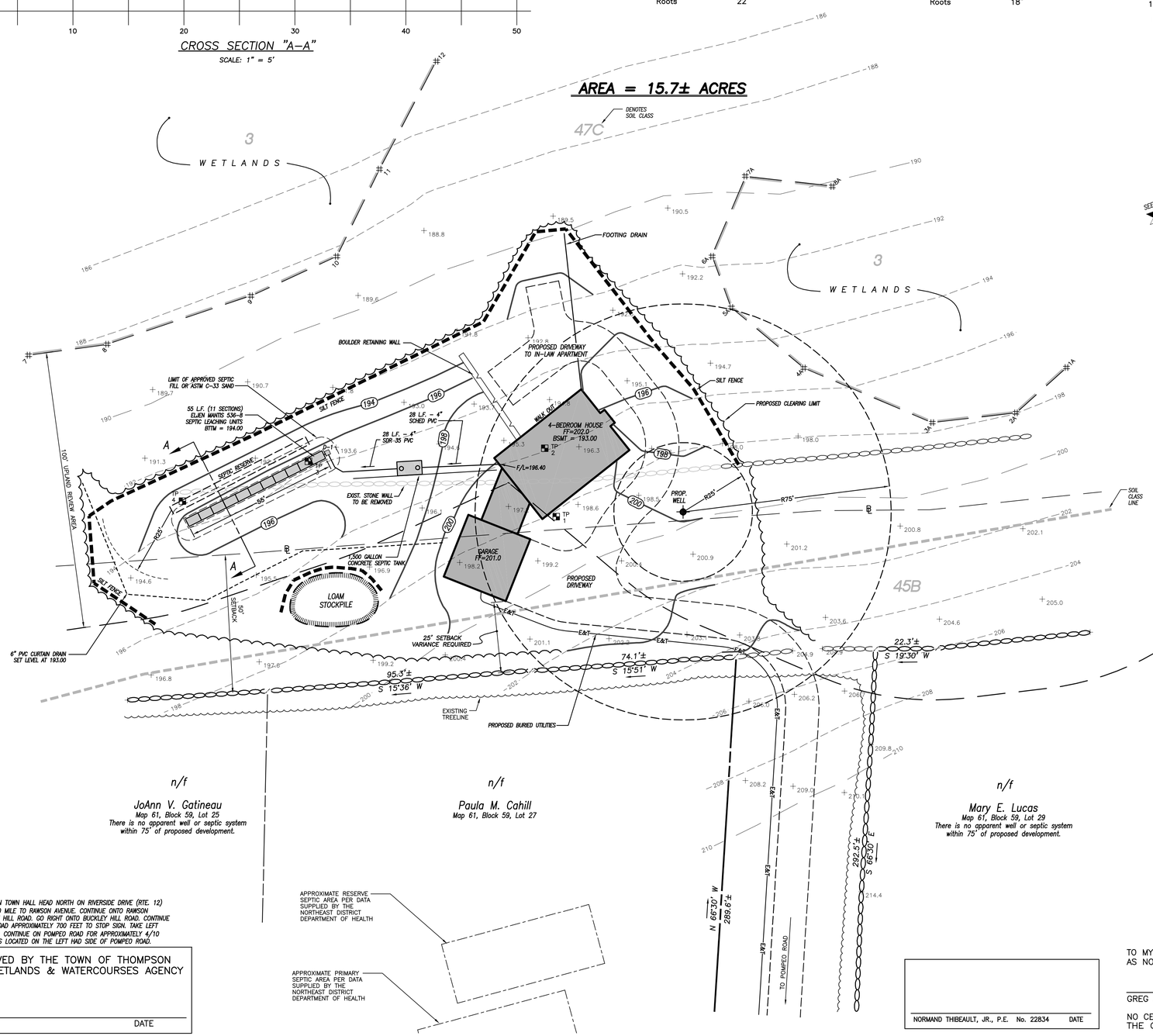
Maximum depth into existing grade = 0"

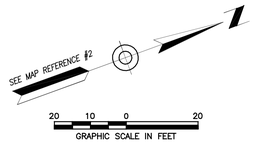


LOCATION MAP

SCALE: 1" = 1000'

AREA = 15.7± ACRES





SURVEYOR SHALL SET A BENCH MARK IN THE AREA OF THE SEPTIC SYSTEM AT THE TIME OF CONSTRUCTION STAKE–OUT.

SEPTIC TANK
1500 GALLON TWO COMPARTMENT F/L IN = 195.75 F/L OUT = 195.50
DISTRIBUTION BOXES
D–1 (STANDARD) F/L IN = 195.17 F/L OUT = 195.00

LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- INLAND WETLANDS FLAG
- BUILDING SETBACK LINE
- PERCOLATION TEST HOLE
- TEST HOLE
- STONE WALL
- SILT FENCE
- BUILDING SETBACK LINE

NOTES:

1. This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Sections 20–300b–1 through 20–300b–20 and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996;

   This map was prepared from record research, other maps, limited field measurements and other sources, it is not to be construed as a Property/Boundary or Limited Property /Boundary Survey and is subject to such facts as said surveys may disclose.

   – This survey conforms to a Class "C" horizontal accuracy.

   – Topographic features conform to a Class "T–2", "V–2" vertical accuracy.

   – Survey Type: General Location Survey.

2. Zone = R40.
3. Owner of record: Joshua A. Rhodes & Jessica L. Rhodes
   293 Brickhouse Road
   Danielson, CT 06239
4. Parcel is shown as Lot #5A, Block #59 on Assessors Map #61.
5. Elevations shown are based on an assumed datum. Contours shown are taken from actual field survey. Contour interval = 2'.
6. Test Pit data taken from NDDH file number 20000048.
7. Wetlands shown were delineated in the field by Joseph Theroux, Certified Soil Scientist, in November 2019.
8. Before any construction is to commence contact "CALL BEFORE YOU DIG" at 1–800–922–4455 or 811.

MAP REFERENCE:

1. "Pompeo Court – Owned by – Mary Louise Pompeo – in – Town of Thompson, Conn. – Scale: 1" = 100' – Date: Oct. 4, 1949 Prepared by: William W. Pike, Surveyor. "On file in the Thompson Land Records as map #196.
2. "Property Survey – Prepared for – Ronald L. Green – Pompeo Road – Thompson, CT – Scale: 1" = 20' – Date: July 14, 2010 Sheet 1 of 1 – prepared by: J&D Civil Engineers, LLC." On file in the Thompson Land Records as map #1630.

5/8/2020	PER HDDH REVIEW
DATE	DESCRIPTION
REVISIONS	

DIRECTIONS TO SITE:
FROM THE THOMPSON TOWN HALL HEAD NORTH ON RIVERSIDE DRIVE (RTE. 12) APPROXIMATELY 4/10 MILE TO RAWSON AVENUE. CONTINUE ONTO RAWSON AVENUE TO BUCKLEY HILL ROAD. GO RIGHT ONTO BUCKLEY HILL ROAD. CONTINUE ON BUCKLEY HILL ROAD APPROXIMATELY 700 FEET TO STOP SIGN. TAKE LEFT ONTO POMPEO ROAD. CONTINUE ON POMPEO ROAD FOR APPROXIMATELY 4/10 MILE TO SITE. SITE IS LOCATED ON THE LEFT HAD SIDE OF POMPEO ROAD.

APPROVED BY THE TOWN OF THOMPSON
INLAND WETLANDS & WATERCOURSES AGENCY

CHAIRMAN DATE

APPROXIMATE RESERVE SEPTIC AREA PER DATA SUPPLIED BY THE NORTHEAST DISTRICT DEPARTMENT OF HEALTH

APPROXIMATE PRIMARY SEPTIC AREA PER DATA SUPPLIED BY THE NORTHEAST DISTRICT DEPARTMENT OF HEALTH

NORMAND THIBEAULT, JR., P.E. No. 22834 DATE

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON,

GREG A. GLAUDE, L.S. LIC. NO. 70191 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE ORIGINAL SEAL AND SIGNATURE OF THE LAND SURVEYOR.

GENERAL LOCATION SURVEY
SEPTIC SYSTEM DESIG PLAN
PREPARED FOR

JOSHUA A. RHODES & JESSICA L. RHODES

POMPEO ROAD
THOMPSON, CONNECTICUT

Killingly Engineering Associates
Civil Engineering & Surveying
114 Westcott Road
P.O. Box 421
Killingly, Connecticut 06241
(860) 779-7299
www.killinglyengineering.com

DATE: 1/09/2020	DRAWN: AMR
SCALE: 1" = 20'	DESIGN: NET
SHEET: 1 OF 2	CHK BY: GG
DWG. No: CLIENT FILE	JOB No: 19144

K:\19144\Drawings\19144 SSD.dwg May 08, 2020 – 8:15 AM

EROSION AND SEDIMENT CONTROL NARRATIVE:

PRINCIPLES OF EROSION AND SEDIMENT CONTROL

The primary function of erosion and sediment controls is to absorb erosional energies and reduce runoff velocities that force the detachment and transport of soil and/or encourage the deposition of eroded soil particles before they reach any sensitive area.

KEEP LAND DISTURBANCE TO A MINIMUM

The more land that is in vegetative cover, the more surface water will infiltrate into the soil, thus minimizing stormwater runoff and potential erosion. Keeping land disturbance to a minimum not only involves minimizing the extent of exposure at any one time, but also the duration of exposure. Phasing, sequencing and construction scheduling are interrelated. Phasing divides a large project into distinct sections where construction work over a specific area occurs over distinct periods of time and each phase is not dependent upon a subsequent phase in order to be functional. A sequence is the order in which construction activities are to occur during any particular phase. A sequence should be developed on the premise of "first things first" and "last things last" with proper attention given to the inclusion of adequate erosion and sediment control measures. A construction schedule is a sequence with time lines applied to it and should address the potential overlap of actions in a sequence which may be in conflict with each other.

- Limit areas of clearing and grading. Protect natural vegetation from construction equipment with fencing, tree armoring, and retaining walls or tree wells.
- Route traffic patterns within the site to avoid existing or newly planted vegetation.
- Phase construction so that areas which are actively being developed at any one time are minimized and only that area under construction is exposed. Clear only those areas essential for construction.
- Sequence the construction of storm drainage systems so that they are operational as soon as possible during construction. Ensure all outlets are stable before outletting storm drainage flow into them.
- Schedule construction so that final grading and stabilization is completed as soon as possible.

SLOW THE FLOW

Detachment and transport of eroded soil must be kept to a minimum by absorbing and reducing the erosive energy of water. The erosive energy of water increases as the volume and velocity of runoff increases. The volume and velocity of runoff increases during development as a result of reduced infiltration rates caused by the removal of existing vegetation, removal of topsoil, compaction of soil and the construction of impervious surfaces.

- Use diversions, stone dikes, silt fences and similar measures to break flow lines and dissipate storm water energy.
- Avoid diverting one drainage system into another without calculating the potential for downstream flooding or erosion.

KEEP CLEAN RUNOFF SEPARATED

Clean runoff should be kept separated from sediment laden water and should not be directed over disturbed areas without additional controls. Additionally, prevent the mixing of clean off–site generated runoff with sediment laden runoff generated on–site until after adequate filtration of on–site waters has occurred.

- Segregate construction waters from clean water.
- Divert site runoff to keep it isolated from wetlands, watercourses and drainage ways that flow through or near the development until the sediment in that runoff is trapped or detained.

REDUCE ON SITE POTENTIAL INTERNALLY AND INSTALL PERIMETER CONTROLS

While it may seem less complicated to collect all waters to one point of discharge for treatment and just install a perimeter control, it can be more effective to apply internal controls to many small sub–drainage basins within the site. By reducing sediment loading from within the site, the chance of perimeter control failure and the potential off–site damage that it can cause is reduced. It is generally more expensive to correct off–site damage than it is to install proper internal controls.

- Control erosion and sedimentation in the smallest drainage area possible. It is easier to control erosion than to contend with sediment after it has been carried downstream and deposited in unwanted areas.
- Direct runoff from small disturbed areas to adjoining undisturbed vegetated areas to reduce the potential for concentrated flows and increase settlement and filtering of sediments.
- Concentrated runoff from development should be safely conveyed to stable outlets using rip rapped channels, waterways, diversions, storm drains or similar measures.
- Determine the need for sediment basins. Sediment basins are required on larger developments where major grading is planned and where it is impossible or impractical to control erosion at the source. Sediment basins are needed on large and small sites when sensitive areas such as wetlands, watercourses, and streets would be impacted by off–site sediment deposition. Do not locate sediment basins in wetlands or permanent or intermittent watercourses. Sediment basins should be located to intercept runoff prior to its entry into the wetland or watercourse.

SEPTIC SYSTEM CONSTRUCTION NOTES

1. The building, septic system and well shall be accurately staked in the field by a licensed Land Surveyor in the State of Connecticut, prior to construction.
2. Topsoil shall be removed and in the area of the primary leaching field scarified, prior to placement of septic fill. Septic fill specifications are as follows:

   – Max. percent of gravel (material between No. 4 & 3 inch sieves) = 45%

   GRADATION OF FILL (MINUS GRAVEL)

SIEVE SIZE	PERCENT PASSING (WET SIEVE)	PERCENT PASSING (DRY SIEVE)
No. 4	100%	100%
No. 10	70% – 100%	70% – 100%
No. 40	10% – 50%	10% – 75%
No. 100	0% – 20%	0% – 5%
No. 200	0% – 5%	0% – 2.5%

   Fill material shall be approved by the sanitarian prior to placement. It shall be compacted in 6" lifts and shall extend a minimum of five feet (5') around the perimeter of the system. Common fill shall extend an additional five feet (5') down gradient of the system (10' total) before tapering off at a maximum slope of 2H:1V.
3. Septic tank shall be two compartment precast 1500 gallon tank with gas deflector and outlet filter as manufactured by Jolley Precast, Inc. or equal.
4. Distribution boxes shall be 4 hole precast concrete as manufactured by Jolley Precast, Inc. or equal.
5. All precast structures such as septic tanks, distribution boxes, etc. shall be set level on six inches (6") of compacted gravel base at the elevations specified on the plans.
6. Solid distribution pipe shall be 4" diameter PVC meeting ASTM D–3034 SDR 35 with compression gasket joints. It shall be laid true to the lines and grades shown on the plans and in no case have a slope less than 0.125 inches per foot.
7. Perforated distribution pipe shall be 4" diameter PVC meeting ASTM D–3034 or ASTM F1760 for SDR 35, or ASTM F810 for SDR 38.
8. Sewer pipe from the foundation wall to the septic tank shall be schedule 40 PVC meeting ASTM D 1785. It shall be laid true to the grades shown on the plans and in no case shall have a slope less than 0.25 inches per foot.
9. Solid footing drain outlet pipe shall be 4" Diameter PVC meeting ASTM D 3034, SDR 35 with compression gasketed joints. Footing drain outlet pipe shall not be backfilled with free draining material, such as gravel, broken stone, rock fragments, etc.
10. Septic sand shall meet the requirements of ASTM C–33 with less than 10% passing a 100 sieve and less than 5% passing a 200 sieve

SIEVE SIZE	% PASSING
0.375	100
#4	95–100
#8	80–100
#16	60–85
#30	25–60
#50	10–30
#100	<10
#200	<5

REFERENCE IS MADE TO:

1. Connecticut Guidelines for Soil Erosion and Sediment Control 2002 (2002 Guidelines).
2. U.S.D.A. N.R.C.S. Web Soil Survey.

SOILS:

The proposed site is comprised mainly of three soil types;
Ridgebury, Leicester, and Whitman (3), Woodbridge (45B) and Woodbridge (47C)

3 Ridgebury, Leicester, and Whitman soils, extremely stony.

Included with this soil in mapping are areas of moderately well drained Sutton and Woodbridge soils that are slightly higher on the landscape. Sutton soils lack the dense substratum that Woodbridge soils have. Also included are a few non–stony surface soils, small areas of soils subject to flooding, small areas with steeper slopes, and areas with silt loam surface and subsoil textures. Minor components make up about 10 percent of the map unit.
Slope: nearly level to gently sloping
Landscape: depressions on uplands, drainageways on uplands
Surface cover: 3 to 14 percent stones
Size of map unit: Areas commonly range from 3 to 150 acres.

45B Woodbridge fine sandy loam, 3 to 8 percent slopes

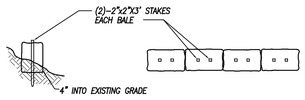
Included with this soil in mapping are areas of well drained Paxton and Montauk soils that are higher on the landscape. Also included are areas of poorly drained Ridgebury soils and very poorly drained Whitman soils in depressions and along drainageways. Moderately well drained Sutton soils are included in areas lacking a dense substratum. Poorly drained Leicester soils are in depressions and lack a dense substratum. In Fairfield and Litchfield Counties where the soil is less acid and lacks a dense substratum, some areas of well drained Stockbridge soils and moderately well drained Georgia soils are included. A few areas in New London County include a loamy sand substratum. Minor components make up about 20 percent of the map unit.

47C Woodbridge fine sandy loam, 2 to 15 percent slopes, extremely stony

Included with this soil in mapping are areas of well drained Paxton and Montauk soils that are higher on the landscape. Also included are areas of poorly drained Ridgebury soils and very poorly drained Whitman soils in depressions and along drainageways. Moderately well drained Sutton soils are included in areas lacking a dense substratum. Poorly drained Leicester soils are in depressions and lack a dense substratum. In Fairfield and Litchfield counties where the soil is less acid and lacks a dense substratum, some areas of well drained Stockbridge soils and moderately well drained Georgia soils are included. A few areas in New London County include a loamy sand substratum. Minor components make up about 20 percent of the map unit.

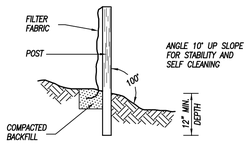
APPROVED BY THE TOWN OF THOMPSON
INLAND WETLANDS & WATERCOURSES AGENCY

CHAIRMAN DATE



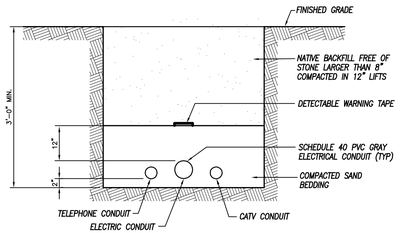
HAYBALE BARRIER

NOT TO SCALE



SILT FENCE

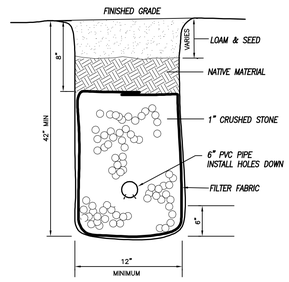
NOT TO SCALE



NOTE: CONTRACTOR SHALL PROVIDE SILT/CLAY DAMS AT 100' INTERVALS ALONG PROPOSED UTILITY TRENCH TO AVOID TRANSPORTING INTERCEPTED WATER.

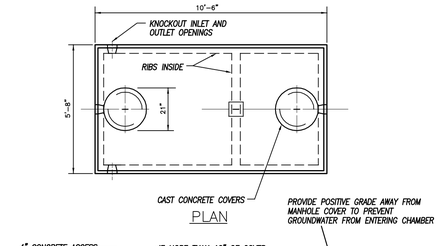
UNDERGROUND UTILITY TRENCH

NOT TO SCALE



CURTAIN DRAIN DETAIL

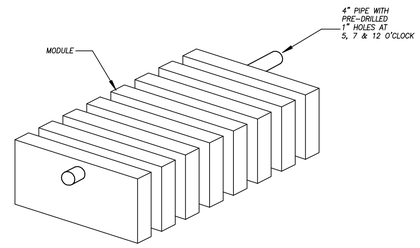
NOT TO SCALE

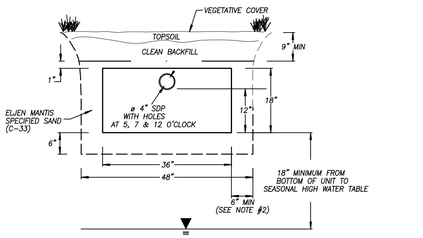


CROSS SECTION

1500 GALLON
2 COMPARTMENT
SEPTIC TANK

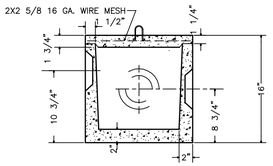
NOT TO SCALE





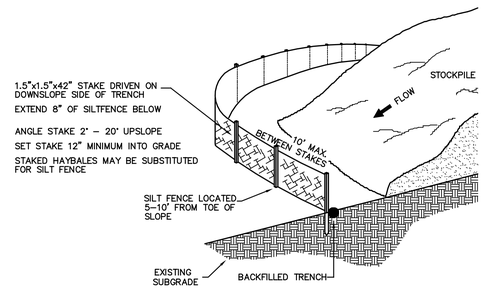
NOTES:
1. VENTING REQUIRED WHEN MORE THAN 18" OF COVER AS MEASURED FROM THE TOP OF THE UNIT TO FINISHED GRADE
2. FOR SYSTEMS INSTALLED IN FILL, CONTRACTOR SHALL PROVIDE 5' OF SELECT FILL OR ASTM C–33 SAND 5' AROUND PERIMETER OF SYSTEM.

ELJEN 536–8 WASTEWATER
LEACHING SYSTEM



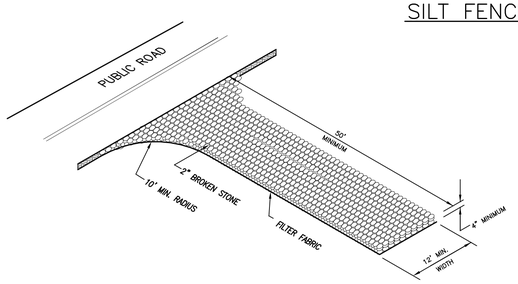
STANDARD D–BOX

NOT TO SCALE



SILT FENCE @ TOE OF SLOPE APPLICATION

NOT TO SCALE



ANTI–TRACKING PAD

NOT TO SCALE

5/8/2020	PER NDDH REVIEW
DATE	DESCRIPTION
REVISIONS	

DETAIL SHEET

PREPARED FOR

JOSHUA A. RHODES &
JESSICA L. RHODES

POMPEO ROAD
THOMPSON, CONNECTICUT

NORMAND THIBEAULT, JR., P.E. No. 22834 DATE

Killingly Engineering Associates
Civil Engineering & Surveying
114 Westcott Road
P.O. Box 421
Killingly, Connecticut 06241
(860) 779-7299
www.killinglyengineering.com

DATE: 1/09/2020	DRAWN: AMR
SCALE: NOT TO SCALE	DESIGN: NET
SHEET: 2 OF 2	CHK BY: GG
DWG. No: CLIENT FILE	JOB No: 19144

K:\19144\Drawings\19144 DET.dwg May 08, 2020 – 8:17 AM

Town of Thompson
Inland Wetlands Commission
815 Riverside Drive
North Grosvenordale, CT 06255
860-923-1852 (Office) email: wetlands@thompsonct.org

NOTICE OF VIOLATION

May 14, 2020

Adrianne Martin and Joseph Fagan
208 Linehouse Rd
North Grosvenordale, CT 06255

RE: **Violation VIOL20013**
208 Linehouse Road
Assessor's Map 36, Block 70, Lot 4

Dear Ms. Martin and Mr. Faban,

On May 4, 2020 I made a site visit to 208 Linehouse Road following a complaint that trees were being clear cut from the property. I had the opportunity to speak with you, Mr. Fagan, and inspect the tree cutting work. Very large pine trees had been clearcut in the back yard to the home and logs stacked near Linehouse Road, apparently for subsequent removal. I also observed limbs and tops of the trees from the tree cutting work (referred to as slash) and soil had been pushed to the edge of the red maple swamp located along the eastern property boundary with a small amount overtopping a stone wall into the swamp. All of the tree cutting work was within 100 feet of the swamp, a watercourse by definition found in the Thompson Inland Wetlands and Watercourse Regulations.

The clearcutting of trees, any earth moving or construction work within 100 feet of a watercourse is subject to regulation under the Thompson Inland Wetlands and Watercourse Regulations. No valid permit or approval exists for this activity in the swamp or the upland review area. Consequently this activity has occurred in violation of section 6 of the Inland Wetlands and Watercourses Regulation of the Town of Thompson.

The reason for removal of the trees was a reported concern that the trees could fall and damage the property and that in recent history a pine tree had fallen damaging the house. During my site visit it was agreed that the slash placed and soil graded along the swamps edge at the eastern property boundary could be pulled back from the edge of the swamp and disturbed soils stabilized.

To correct the violation by June 1, 2020 you must remove the slash, pull back the soil along the eastern property boundary to a grade no steeper than 3:1 (i.e. 3 feet horizontal to 1 foot vertical) and immediately following the completion of this work, seed and mulch all disturbed soils. Should at any time you observe eroded soil being washed into the swamp, you must install a

sediment control such as silt fencing, hay bale check dam or straw waddles to minimize the siltation of the swamp.

Failure to comply with this notice may result in the issuance of a Cease and Desist Order, which would be filed in the permanent land records in the Town of Thompson, and would encumber the deed for the property until the violation is resolved.

Please contact me if you have any questions or concerns. I appreciate your cooperation in this matter.

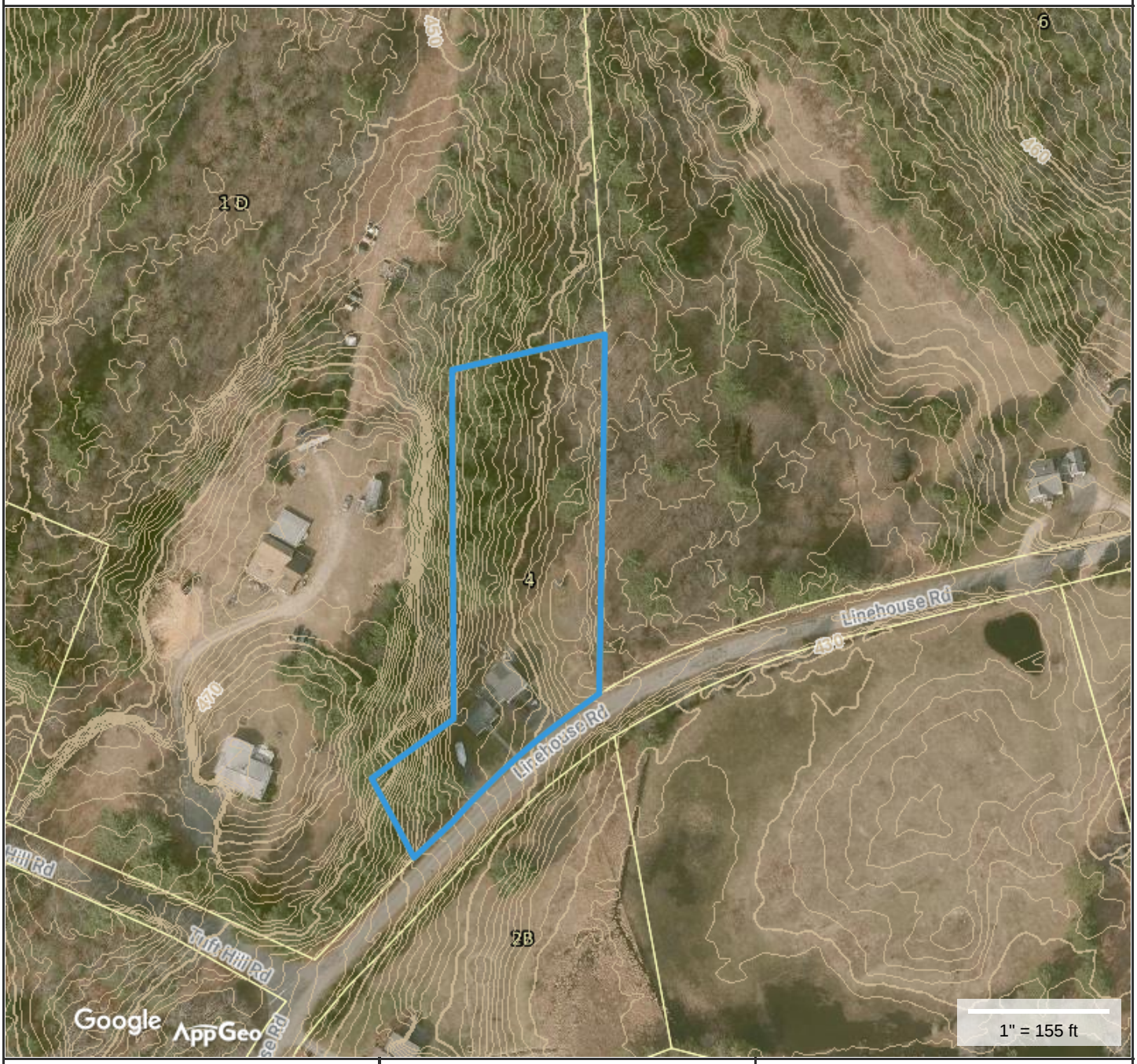
Sincerely

Marla Butts
Wetlands Agent

File: NOV VIOL 200013 21 Linehouse Rd Martin & Faban

cc: Thompson Building Official
Thompson Zoning Enforcement Officer

Complaint # 20-06 Earth Moving within 100 feet of wetland



Property Information

Property ID	719
Location	208 LINEHOUSE RD
Owner	MARTIN ADRIANNE

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Town of Thompson, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated April 1, 2018
Data updated April 1, 2018

Town of Thompson
Inland Wetlands Commission
815 Riverside Drive
North Grosvenordale, CT 06255
860-923-1852 (Office) 860-923-9897 (Fax)

NOTICE OF VIOLATION

May 27, 2020

Mark S. Baer
344 Nevers Rd
South Windsor, CT 06074

RE: **Violation** VIOL20018
1227 Thompson Road, Thompson
Assessor's Map 116, Block 24, Lot 10

Dear Mr. Baer

On May 26, 2020 the Thompson Wetlands Office received a complaint that trees were being clear cut and earthmoving work was occurring on your property referenced above. Today I received photographs taken from Little Pond verifying that trees have been clearcut and significant earthmoving work has occurred between Little Pond and Thompson Road (aka Route 193). Most, if not all of this work has occurred within 100 feet of Little Pond. No erosion and sediment controls to protect Little Pond from unnecessary siltation.

No valid wetlands permit or wetlands agent approval exists for this activity in the 100-foot upland review area. Consequently this activity is occurring in violation of section 6 of the Inland Wetlands and Watercourses Regulation of the Town of Thompson.

You are instructed to immediately cause the cessation of any further tree cutting and earthmoving work and install sediment controls along the edge of Little Pond. Additionally, you are instructed to provide this office by June 3, 2020 a written explanation as to why regulated activities were occurring on your property without the benefit of a wetlands permit along with a schedule for submitting a permit application for all for stabilizing the disturbed soils and any additional work proposed for this property.

Failure to comply with this notice may result in the issuance of a Cease and Desist Order, which will be filed in the permanent land records in the Town of Thompson, and which will encumber your deed until the violation is resolved.

I appreciate your cooperation in this matter.

Sincerely

Marla Butts
Wetlands Agent

File: Notice of Violation VIOL20018.doc

cc via email: Thompson Zoning Enforcement Officer
Thompson Building Office
Northeast District Department of Health
Jamie Fellows, DOT District 2

Date: 06/01/2020 [05:50:03 AM CDT]
From: MARC <marcmason1054@cs.com>
To: wetlands@thompsonct.org
Cc: SherryMcGannsmcgann@nddh.org, JamiePJamie.Fellows@ct.gov, DanielBlanchettedaniel@jdcivilengineers.com, BuildingOfficedhall@thompsonct.org, ZEOzeo@thompsonct.org, CAmySt.Ongefirstselectman@thompsonct.org, DirectorDPWdpwdirector@thompsonct.org
Subject: Response to Violtation Notice, 1227 Thompson Road, Thompson

Dear Marla Butts,

I am responding to your notice of violation which I received on 5-29-20 by certified mail. Being a taxpayer in Thompson of three different properties i can say that i was a little more than concerned over this type of treatment.
Being a disabled, retired surgeon, with a family, i decided to build my family home on Little Pond and expect to live out the remainder of my life without any harassment or stress. I picked this area as it was presented to me to be a quiet, family orientated little slice of Heaven. Hopefully i am not incorrect.

On 5-26-20,at 8:27am, I received a phone call from Marla Butts who relayed to me that she had received a complaint about work being done at 1227 Thompson
Rd, Thompson. I told her that i had spoken with 3 different people in the town clerks office on the first floor in Nov/Dec of 2019 and was told by them all that i could have any trees i liked cut on my property and that i did not need a permit to do so, they confirmed this by a call to someone upstairs.

In the process of cutting trees on the hill area some of the soil had to be pushed out of the way to allow the larger trees to be removed. This was done for the safety of the contractor and not an attempt to do excavating.

I told Marla that i was using J & D Engineering for this project and she said they were a reputable firm and she would contact them with any questions.Which i was told she did.

I also gave Marla the name and number of my contractor, Pat Wall, who was doing the tree removal. You did have a conversation with him and as far as i knew any concerns were resolved between you both.

Marla never mentioned in my phone conversation on 5-26-20 that i needed any further permits from Wetlands or any type of fencing installed. In fact nobody mentioned to me that any permits were needed until i submitted plans to build my home.

I also spoke with Jamie Fellows from the DOT on 5-26-20 and he relayed to me that he was working out any permits that would be needed with Pat Wall and he did not see any problems with any work that was being done on 1227 Thompson Rd. He thanked me for speaking with him to resolve any issues.

After our phone call Marla I thought i was all set and following all the regulations regarding the improvement of my property. Then i get a notice of violation.

The last thing Marla Butts said to me in our conversation was "thanks for being so cooperative" to which i replied I am trying to do things the correct way. A normal person would take this to mean there were no problems and everything was proceeding as planned.

It is my understanding that the fencing you required is to be installed soon.

I am looking forward to a great relationship with the Town of Thompson and i am sure this unfortunate misunderstanding can be easily resolved.

Sincerely,

Dr. Marc Baer

Town of Thompson
Inland Wetlands Commission
815 Riverside Drive
North Grosvenordale, CT 06255
860-923-1852 (Office) 860-923-9897 (Fax)

NOTICE OF VIOLATION

May 28, 2020

Patrick Wall & Wall Excavation & Home Improvement LLC
301 Broadway
Coventry, CT 06238

RE: **Violation** VIOL20019
1227 Thompson Road, Thompson, Property of Marc S. Baer
Assessor's Map 116, Block 24, Lot 10

Dear Mr. Wall,

This is to notify you that based on information I received yesterday and our phone conversation on May 26, 2020, I have determined that you have conducted earthmoving activities at 1227 Thompson Road in Thompson within 100 feet of Little Pond resulting in the destabilization of soils in the absence of erosion and sediment controls to protect Little Pond from unnecessary sedimentation.

The earthmoving work is a regulated activity pursuant to the Thompson Inland Wetlands and Watercourses Regulations. No inland wetlands permit or wetlands agent approval exists authorizing this work. Consequently this activity is occurring in violation of section 6 of the Inland Wetlands and Watercourses Regulation of the Town of Thompson.

You are instructed to cease any further earthmoving work within 100 feet of Little Pond until such time as a permit or wetlands agent approval is issued for earthmoving work on this property and to immediately install adequate erosion and sediment controls along Little Pond to protect it from unnecessary siltation and pollution.

I appreciate your cooperation in this matter.

Sincerely

Marla Butts

Marla Butts
Wetlands Agent

File: Notice of Violation VIOL20019 Wall 1227 Thompson Rd

cc: Marc S. Baer
cc via email: Thompson Building Official
Thompson Zoning Enforcement Officer
Northeast District Department of Health
Jamie Fellows, DOT District 2
Daniel Blanchette, J&D Engineering

VIOL20018 & VIOL20019 Photo received via email on 6/1/2020