

THOMPSON INLAND WETLANDS COMMISSION
Request for Approval of Timber Harvest as Use Permitted as of Right

ID # DEL00010
Receipt Date: 4/27/2020

Certain activities associated with timber harvesting are a use permitted as of right pursuant to Section 22a-40(a) of the Connecticut General Statutes and Section 4.1 of the Inland Wetlands for the Town of Thompson. (For guidance see Connecticut Department of Environmental Protection's document entitled "Agriculture, Forestry and Wetlands Protection in Connecticut") This form constitutes the notification required by Section 4.4 of the Inland Wetlands and Watercourse Regulations of the Town of Thompson for such timber harvesting. Note: If the timber harvest covers multiple properties with different owners, then a separate request for approval must be filed for each of the different property owner(s).

Property Information

(Locate property boundaries on attached USGS topographic map and copy of assessor's map – see information on maps on reverse side of this form.)

Landowner of Record: Valarie Clark

Mailing Address: 105 Alm Road

Town: Thompson

Zip: 06277

Phone: (860) 923-2177

E-mail: _____

Total acreage of Property(s): 45

Assessor's Ref.

Map	Block	Lot	Address
120	18	1	0 Alm Road
120	18	1A	0 Alm Road

Property boundaries are marked and can be viewed in the field

Yes ☒ No ☐

Have owners of all lands within 100 feet of the harvest area been notified via first-class mail prior to filing this form?

Yes ☐ No ☒

Harvest Information

This timber harvest has been prepared by a State of Connecticut certified:

(Check one): ☐ Forester OR ☒ Supervising Forest Products Harvester

Forest Practitioner Certificate #: SFPH000620

Name: Brett L Mann

Address: 21 1/2 Charlton Road Dudley, Ma 01571

E-mail: Bmann54@charter.net

Phone # (Business) 508-949-0777

(Cell) 508-864-1230

Harvester (if not landowner): _____

Mailing Address: _____

Town: _____

Zip: _____

Phone: () _____

E-mail: _____

Estimated starting date of timber harvesting operations: 06 / 01 / 2020

Estimated completion date of harvesting operations: 06 / 01 / 2021

Total acreage of harvest area: 32

Timber harvest boundaries are marked/flagged and can be viewed in the field

Yes ☒ No ☐

Designation of trees to be harvested

Trees to be harvested have been marked with paint at eye level and at ground level

Yes ☒ No ☐

If marked, then paint marking color(s) are Blue

Amount of forest products to be harvested:

76,000 Board feet 70 Cords N/A Cubic feet N/A Tons

Timber Harvest Objective: Harvest all gypsy moth damaged dead Oak along with removal of poor quality hdwd stems.
Timber Harvest Treatment: Salvage cut & TSI (Timber Stand Improvement)

Actions Being Performed on This Land

(Check all that apply and locate on attached Harvest Area map – see information below on maps.)

<u>Crossings / Clearing</u> ☒ Temporary stream/drainage crossing ☒ Temporary wetlands crossing ☒ Removal of trees in wetlands ☐ Removal of trees in upland review area	<u>Erosion and Sedimentation Control Measures*</u> ☐ Installation of water bars ☐ Grading ☒ Seeding ☒ Other (describe below)
<u>Log landing area:</u> ☐ Anti-tracking pad ☐ Curb cut	<u>Roads</u> Are new roads, other than skid trails, to be constructed for transport of logs or other activities associated with this harvest? ☐ Yes ☒ No

* All erosion and sediment controls must comply with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control as amended. See <http://www.ct.gov/dep/cwp/view.asp?A=2720&O=325660> for info on viewing copy

Describe in further detail as necessary: Corduroy wetland crossing & intermittent stream crossing

Harvsting operations to be conducted in dry or frozen conditions

The following maps are attached to this Request For Approval Of Timber Harvest (Check all that apply)

- ☒ Copy of USGS topographic map with the property outlined
- ☒ Copy of Assessor's map with the property outlines
- ☒ Timber Harvest Area map showing outline of harvest area, skid road locations, log landing area, truck access roads, inland wetlands, watercourses and any crossings drawn to scale

The undersigned hereby swears that the information contained in this application is true, accurate and complete to the best of my (our) knowledge and belief and that the timber harvest will be conducted in accordance with the specifications outlined in this Request for Approval of Timber Harvest

Signature of Landowner: Valerie Clark

Date: 4/27/2020

Print / Type Name: Valerie Clark

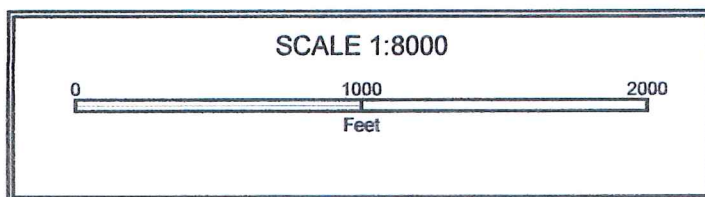
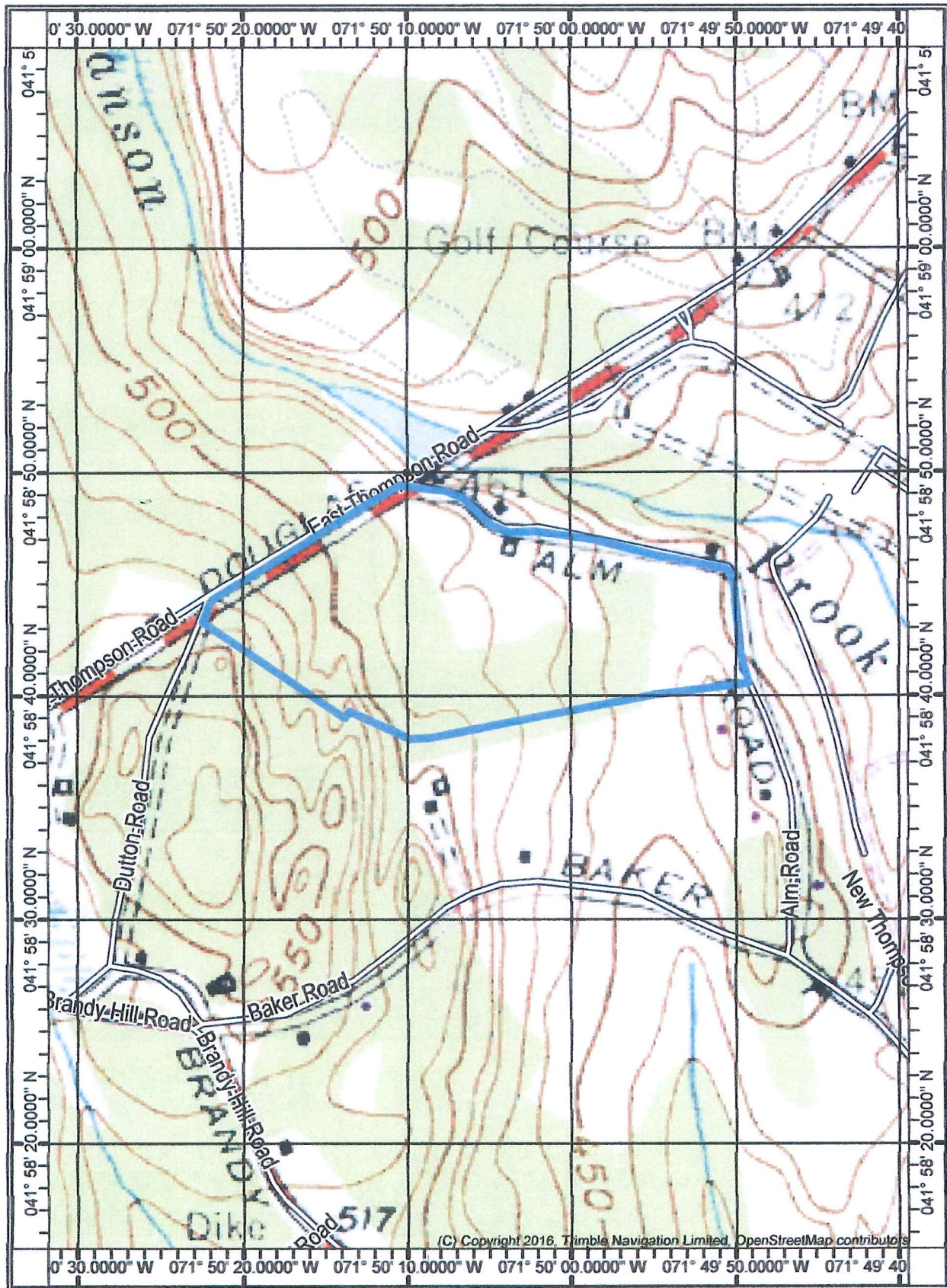
Signature of Certified Forest Practitioner: Brett L Mann

Date: 4-24-2020

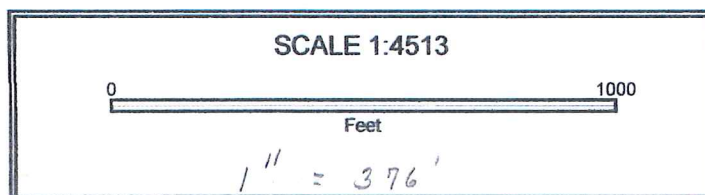
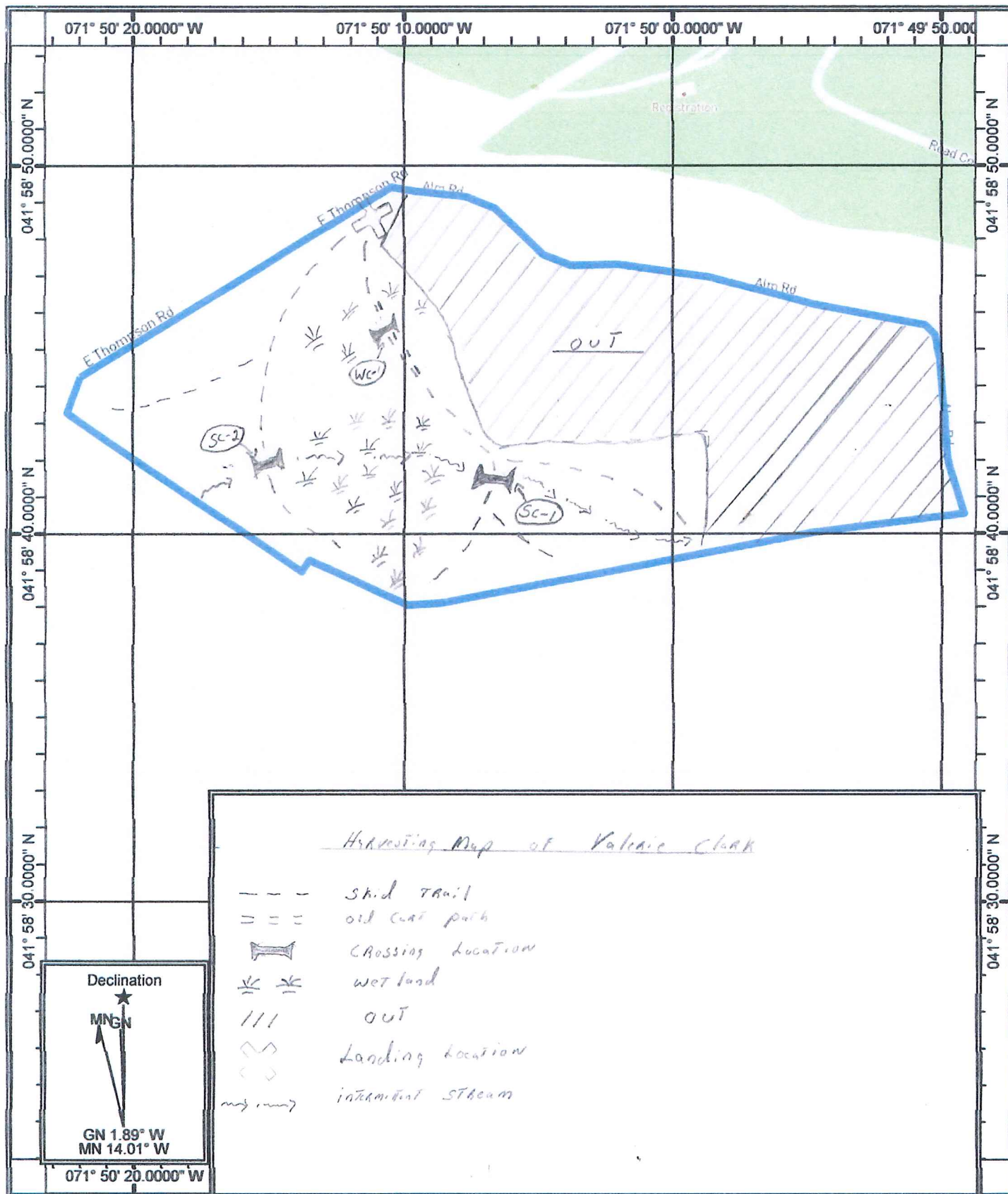
Print Name: Brett L Mann

Complete and Submit to: Office of the Thompson Inland Wetlands Commission, Thompson Town Hall, 815 Riverside Drive, N. Grosvenordale, CT 06255
A courtesy copy of this completed form should be sent to the Department of Environmental Protection, Division of Forestry, 79 Elm Street, Hartford, CT 06106-5127. Tel: (860)424-3630

*** For Commission Use Only ***	
Agency or Agent's Response:	
IWC Chair or Agent Signature:	Date:



40FS



Topographic Map Valerie Clark

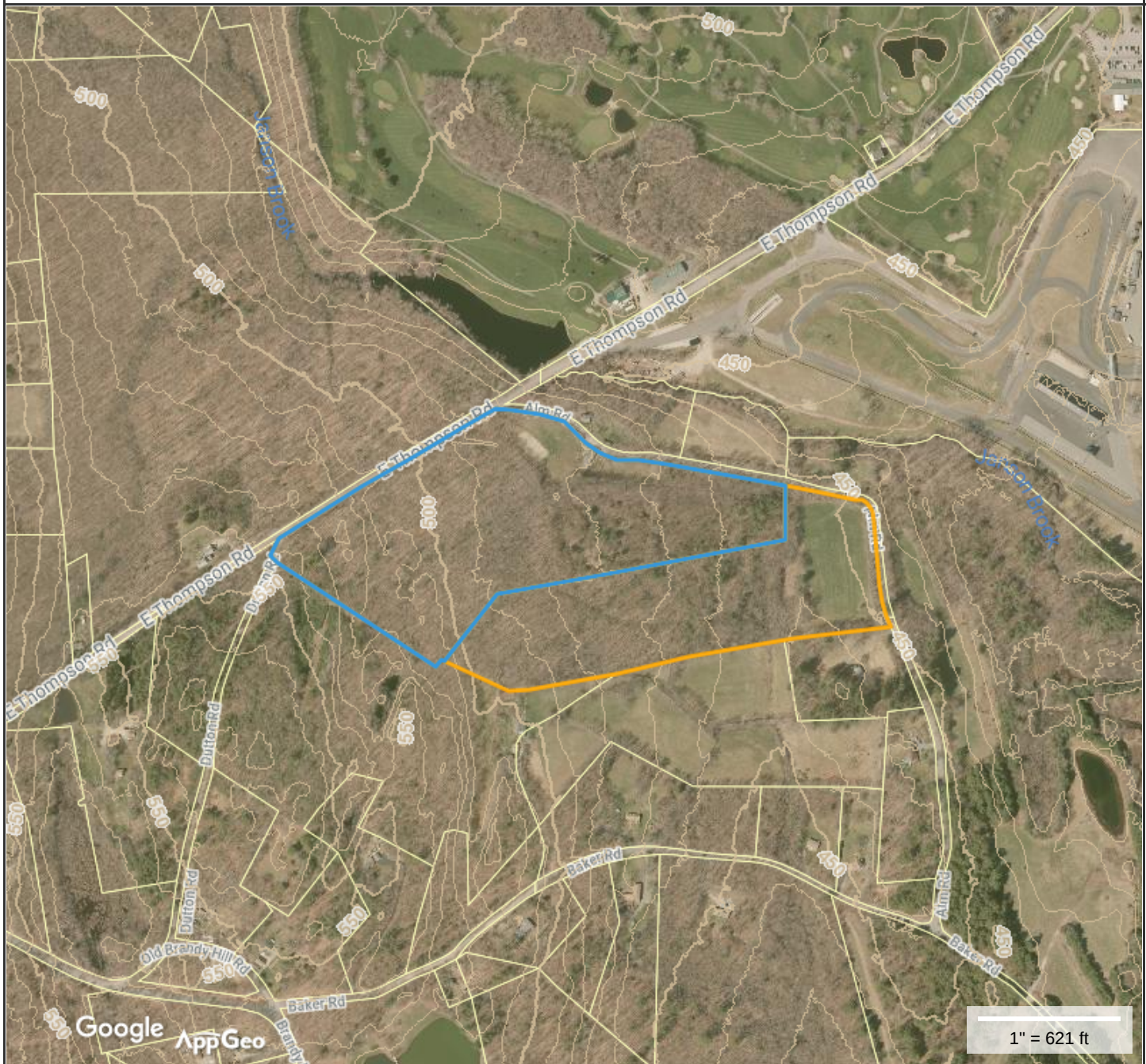


MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

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

DEC20010 Valerie Clark Timber Harvest Site

**Property Information**

Property ID 3689
Location 0 ALM RD
Owner CLARK VALERIE SUSAN



**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

Map Theme Legends

Topography

- 100 ft
- 50 ft
- 20 ft
- 10 ft

CT Eco Contours 2016

Copy 1

for commission use:	rev 1/11
application # <u>IWA 20011</u>	
date received <u>May 6, 2020</u>	

RECEIVED
TOWN OF THOMPSON, CT.
PERMIT APPLICATION
TO CONDUCT A REGULATED ACTIVITY
2020 MAY -6 P 1:10
Linda Paradise
TOWN CLERK, Asst

Town of Thompson

INLAND WETLANDS COMMISSION
815 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CT 06255

Instructions:

All applicants must complete this application for preliminary review. The Commission will notify the applicant of any additional information that may be required and will schedule a public hearing if necessary. In addition to the information supplied herein, the applicant may submit other supporting facts or documents which may assist the Commission in its evaluation of the proposal. In order to streamline the application review process, it is recommended that all applications containing significant impact to the wetlands be submitted to the Thompson Conservation Commission for review prior to submission to the regulatory commissions.

Two (2) copies of the completed application and two (2) copies of all the additional attached documents (site plan, etc.) must be submitted to the Town Clerk. State Statute provides that you may submit an application up to three (3) business days prior to the next regularly scheduled meeting, which means by the close of business hours on the Wednesday before a regular meeting date. The applicant is advised to read Sections 7 and 8 of the Regulations for further information regarding application requirements and procedures. THE APPLICANT IS FURTHER ADVISED THAT A BUFFER/SETBACK OF 100 FEET FROM A WETLAND OR WATERCOURSE IS REQUIRED, AND A BUFFER/SETBACK OF 200 FEET FROM THE TEN (10) ESPECIALLY NOTEWORTHY WETLANDS AND WATERCOURSES IDENTIFIED IN THE TOWN OF THOMPSON INLAND WETLAND INVENTORY PREPARED BY NORTHEASTERN CONNECTICUT REGIONAL PLANNING AGENCY 1980 PAGES 9, 14 AND 15 IS REQUIRED. See Section 6 of the Regulations for further information regarding activities.

NO PERMIT SHALL BE TRANSFERRED WITHOUT PERMISSION OF THE AGENCY.

WE MUST HAVE THE FOLLOWING INFORMATION TO PROCESS YOUR APPLICATION:

- Directions to the property from the Thompson Town Hall
- Location of Utility Pole nearest your property
 - *Pole Number *Location of property in reference to Pole (side of street)
- Locations of proposed house, septic test pits, well and driveway must be staked and labeled on site (These requirements must be LEGIBLY PRINTED on your MAPS at the time of application, but NOT in the area of the map details. Use outside edge of map for this information. Thank you.)

FAILURE TO HAVE THE ABOVE INFORMATION WILL POSTPONE PROCESSING OF YOUR APPLICATION

FEE SCHEDULE:

(Additional \$60.00 fee to State as per Public Act 09-03, Section 396)

- Individual Lot \$50 + \$60
(Permit Fee Now Includes Mandatory Legal Advertisement Fee of \$20. This DOES NOT include Legal Notice fees for Public Hearings, which will be billed separately.)
- Complex Application Fee..... Applicants will be billed for professional review as needed, see regulations booklet Section 18.5

For: **Conceptual Approval of Subdivisions use "Subdivision Review Application"**

Please complete the following application information.

Date MAY 4, 2020

1) Name of Applicant JAMES JASMIN
Home Address 518 BRANDY HILL ROAD
Home Tele & Hrs 860 617 5002 Business Tele & Hrs _____
MAILING Address PO BOX 778, BROOKLYN CT 06234

2) Applicant's interest in the Property: ☒ Owner ☐ Other
INLAND WETLANDS APPROVALS CAN BE GRANTED TO PROPERTY OWNER ONLY.
No permit shall be assigned or transferred without written permission of the Commission.

3) Name of Property Owner (if not applicant) _____
Home Address _____
Business Address _____
Home Tele & Hrs _____ Business Tele & Hrs _____

4) Geographical Location of the Property (site plan to include utility pole number nearest property or other identifying landmarks)

Pole # and Location NO NUMBER
Street or Road Location ISLAND VIEW DRIVE, NEAR BOAT LAUNCH
Tax Assessor's Map # 143
Block # 16
Lot # that appears on site plan 31
Deed Info : Volume # 833
Page # 46

5) The property to be affected by the proposed activity contains:

Soil Types HINCKLEY LOAMY SAND
Wetland Soils NO (Swamp ☐ Marsh ☐ Bog ☐ Vernal Pool ☐
Watercourses YES (Lake or Pond ☒ Stream or River ☐ Intermittent Stream ☐
Floodplain - Yes / ☒ No

(TOP OF WALL IS ABOVE 100 YEAR FLOOD)

6) Purpose and Description of the Activity for which Approval is requested:

a. Give a complete description of the proposed activity PARTIAL DEMOLITION OF
RETAINING WALL, CONSTRUCTION OF NEW
POURED CONCRETE RETAINING WALL

If the above activity involves deposition or removal of material, what is the quantity? 35
CUBIC YARDS OF CONCRETE DEPOSITED

b. Submit a Site Plan, drawn to scale, with the certification of the preparing Surveyor and/or Engineer including:

- ☒ 1-Locus map at approx. 1" = 1000'
- ☒ 2-Location of property, with boundaries defined and utility pole # near property and any other identifying landmarks.
- ☒ 3-Location of wetlands and /or watercourses. A wetland delineation in the field must be marked with numbered wetlands flags by a certified soil scientist and located on the map/site plan. Site plan shall bear the soil scientist's original signature.
- ☒ 4-Soil types on the property.
- ☒ 5-Flood Hazard area classification and delineation with base flood elevations.
- ☒ 6-(a)Location of the proposed activity (i.e. house, septic, well or other areas to be disturbed).
(b)Location of perc tests and soil test holes.
(c)Copy of NDDH approval to construct or repair subsurface sewage disposal system.
- ☒ 7-Nature and volume of the material to be placed, removed, or transferred.
- ☒ 8-Topographical contours, proposed and existing.
- ☒ 9-Location and supporting data for proposed drainage.
- ☒ 10-Date, scale (recommend 1"=40') and North arrow.
- ☒ 11-Subdivisions must be A-2 Surveys and have Certified Soil Scientist's original signature on face sheet.
- ☒ 12-Proposed limits of clearing/disturbance and location of stockpiles during construction.
- ☒ 13-Location of proposed Erosion and Sedimentation controls and other management practices which may be considered as a condition of issuing a permit for the proposed regulated activity. The erosion and sedimentation control provisions must comply with the most current DEP edition of the *Connecticut Guidelines for Soil Erosion and Sedimentation Control* and be so noted on the plans.
- ☒ 14 -Location of proposed Stormwater treatment design on the site plan must comply with the most current CT DEP edition of the *Connecticut Stormwater Quality Manual* and be so noted on the plans. It is strongly recommended that low impact development techniques, stormwater management techniques that are designed to approximate the pre-development site hydrology, be utilized in the stormwater system design wherever practical and possible.
- ☒ 15-Location of proposed mitigation or wetland enhancement measures which may be considered as a condition of issuing a permit for the proposed regulated activity.
- ☒ 16-Timing and description of phases of activities, installation of sediment and stormwater control measures and temporary and permanent stabilization methods.

c. Explain whatever measures you propose to lessen or to compensate for the impacts to the wetlands or watercourse(s)

CONSTRUCTION WAS PERFORMED DURING
THE WINTER DRAIN DOWN, WHEN THE EDGE
OF WATER WAS 20 FEET AWAY.

d. Have any alternatives been considered? NO

If yes, explain why this proposal was chosen

7) Is any portion of this property located within 500' of the boundary of an adjoining municipality? NO

If yes, Applicant is required to give written notice of the application by certified mail, return receipt requested, to the adjacent municipal wetlands agency on the same day of filing this permit application with the Thompson Inland Wetlands & Watercourses Commission. Documentation of notice shall be provided to the Commission.

8) Is any portion of this property located within the watershed of a water company as defined in section 16-1 of the Connecticut General Statutes? NO If yes, the Applicant is required to provide written notice of the application by certified mail, return receipt requested, to the water company on the same day of filing this permit application with the Thompson Inland Wetlands and Watercourses Commission. Documentation of such notice shall be provided to the Commission.

9) Does any portion of this property contain a Natural Diversity Data Base (NDDB) area of concern as defined on the most updated map of Federal and State Listed Species and Significant Natural Communities, for Thompson, Connecticut, prepared by the Connecticut Department of Environmental Protection? YES If yes, the Applicant must contact the CT DEP for information regarding the State or Federal Listed Species of Concern.

10) Names and Addresses of Abutters:

PAUL MYSLIVY - 520 BRANDY HILL ROAD

CANTY FAMILY TRUST - 12+14 ISLAND VIEW DRIVE

11) Estimated start date JANUARY 2020

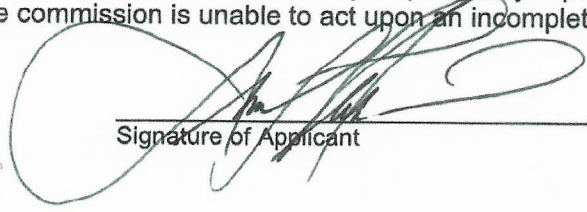
Estimated date of completion (all disturbed areas are stabilized) JUNE 2020

12) The undersigned hereby consents to necessary and proper inspections of the above mentioned 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, 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 in this completed application is accurate to the best of her/his knowledge and belief.

ABSOLUTELY NO WORK IS TO BEGIN UNTIL ALL NECESSARY APPROVALS ARE OBTAINED.

I understand by signing this application that it is my responsibility to provide all the information as requested.
I understand that the commission is unable to act upon an incomplete application.



Signature of Applicant

04-30-2020

Date

Consent of Landowner if other than applicant

Date

Please attach a written consent by the owner if applicant is not the property owner.

J & D CIVIL
ENGINEERS, LLC

401 Ravenelle Road
N. Grosvenordale, CT 06255
www.jdcivilengineers.com
(860) 923-2920

May 4, 2020

James Jasmin
PO Box 778
Brooklyn, CT 06234

Re: Job No. 18219
Evaluation of Retaining Wall at
518 Brandy Hill Road
Thompson, CT 06277

Dear Mr. Jasmin,

At your request, J&D has inspected and evaluated the new retaining wall that was recently constructed at your property. We understand that your property on Quaddick Lake contained an existing retaining wall along the shoreline that was in poor condition. Over the winter, when the water level was drawn down, you constructed a new retaining wall in front of the old retaining wall. This work was not included on the previous wetland permit, and the Town is requiring you to obtain a retroactive wetland permit for this new retaining wall. Please note that the following report and attached survey plan are based off several assumptions, or information provided by yourself, as some aspects of the construction were not visible, and may therefore be limited.

We understand that the original shoreline retaining wall was constructed out of concrete masonry blocks and cement circa 1950. During the 1970's, this wall began to tilt inwards towards the water, and therefore a poured concrete retaining wall was installed in front. Pictures from 2018 show significant deterioration of this second concrete wall, and can be viewed in the Appendix. These two existing retaining walls were approximately 3 feet tall, with the original block wall slightly taller than the second concrete wall. Complete dimensions can be found on the cross section of the attached survey plan. The front face of the poured concrete wall is approximately coincident with your property line.

The newly constructed wall includes a poured concrete footing that was installed adjacent to the two existing walls. This footing was fastened to the existing concrete wall with

rebar and epoxy. There is a poured concrete retaining wall affixed to the footing with rebar, and granite stones have been used to decorate the exposed face. Poured concrete was used to fill in the approximately 2 foot gap in between the two poured concrete walls. The top layer of the original concrete block wall was demolished and removed. Also, a drainage system composed of perforated pipe and crushed stone was retrofitted behind the original concrete block wall. The new wall is slightly taller than the two existing walls. Please see the attached survey plan for complete dimensions.

From a structural engineering perspective, this new retaining wall is excellent. It was built by a professional mason, using high quality materials and best practices. Although full calculations have not been performed, it is apparent by inspection that the wall is more than strong enough to resist sliding and overturning. The addition of drainage to relieve hydrostatic pressure behind the wall will greatly decrease the lateral forces imparted to the wall. Assuming that the wall was constructed similar to the attached cross section, and barring any unusual or extreme conditions, this wall should be expected to last 50 years or more. From a legal standpoint however, there is a concern that the retaining wall is not located on your property. Using the Class A2 boundary survey recently performed by Archer Surveying, J&D estimates that this new wall encroaches into the lake by approximately 4 feet. Additionally, the northern end of the wall encroaches into the public right of way and boat launch by approximately 6 feet. Please see the attached survey plan for more information. You may want to consult with a lawyer who can advise you on boundary encroachments.

Sincerely

Daniel Blanchette, PE
J&D Civil Engineers, LLC

Appendix I – Photographs



Image 1 – Existing Retaining Walls, October 2018



Image 2 – Existing Retaining Walls, October 2018



Image 3 – Newly Constructed Retaining Wall, April 2020



Image 4 – Newly Constructed Retaining Wall, April 2020

Daniel Blanchette

From: Daniel Blanchette
Sent: Monday, May 4, 2020 2:46 PM
To: 'DEEP Nddbrequest'
Cc: 'Jim Jasmin'
Subject: NDDDB Review Request for Retaining Wall
Attachments: 18219 Jasmin - NDDDB Review Request 2020.pdf; Attachment A - Overview Map.jpg; 18219 Jasmin - Retaining Wall As-Built 2020-05-04.pdf

Good Afternoon,

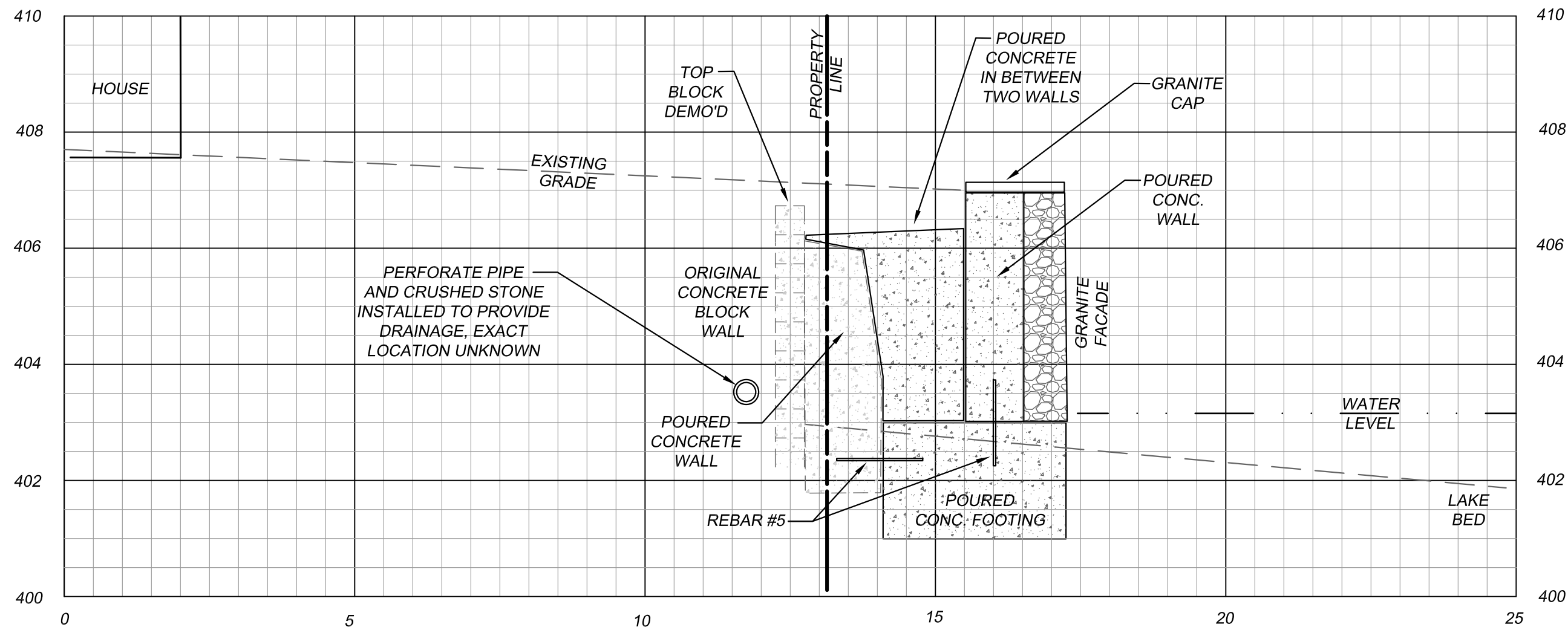
I am submitting an NDDDB Review Request for a retaining wall that was constructed along the shoreline of Quaddick Lake over the winter. Last year, the owner submitted an NDDDB Review Request and Wetlands Application for a septic system repair on the same property. He was under the impression that the new retaining wall construction was included in that permit, which was incorrect. The Town is now requiring the owner to apply for a retroactive permit for this new retaining wall, and the application requires that I contact your office.

I am attaching the appropriate form, and the two attachments. Please let me know if you have any questions.

Thanks,

Daniel Blanchette, PE

J&D Civil Engineers, LLC
401 Ravenelle Road
N. Grosvenordale, CT 06255
www.jdcivilengineers.com
860-923-2920



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.

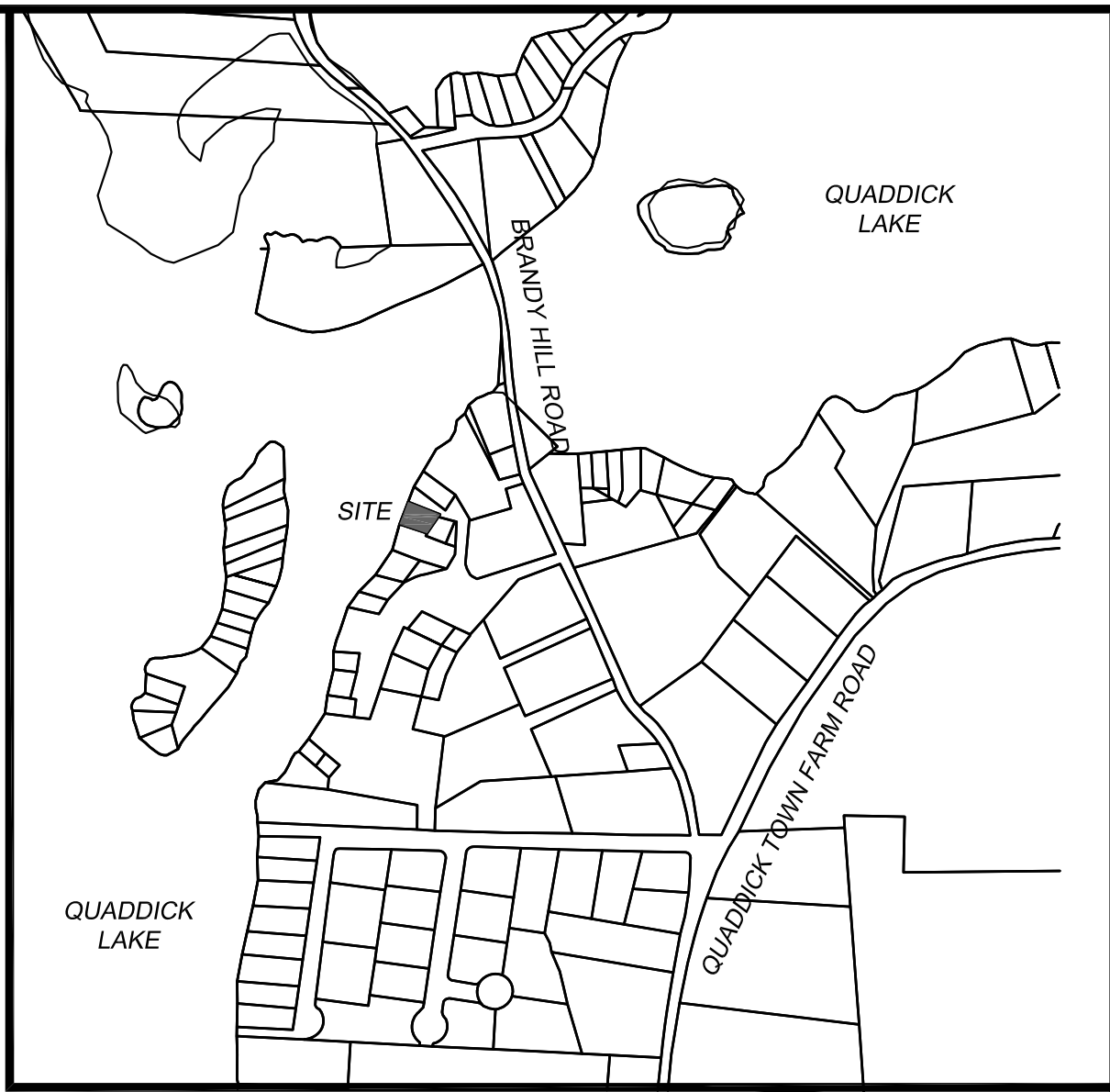
2. TEST PIT AND PERC TEST LOCATIONS HAVE BEEN COMPILED, IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. THIS INFORMATION IS TO BE CONSIDERED APPROXIMATE AND J & D CIVIL ENGINEERS DOES NOT TAKE RESPONSIBILITY FOR SUBSEQUENT ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THIS PLAN AS A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

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

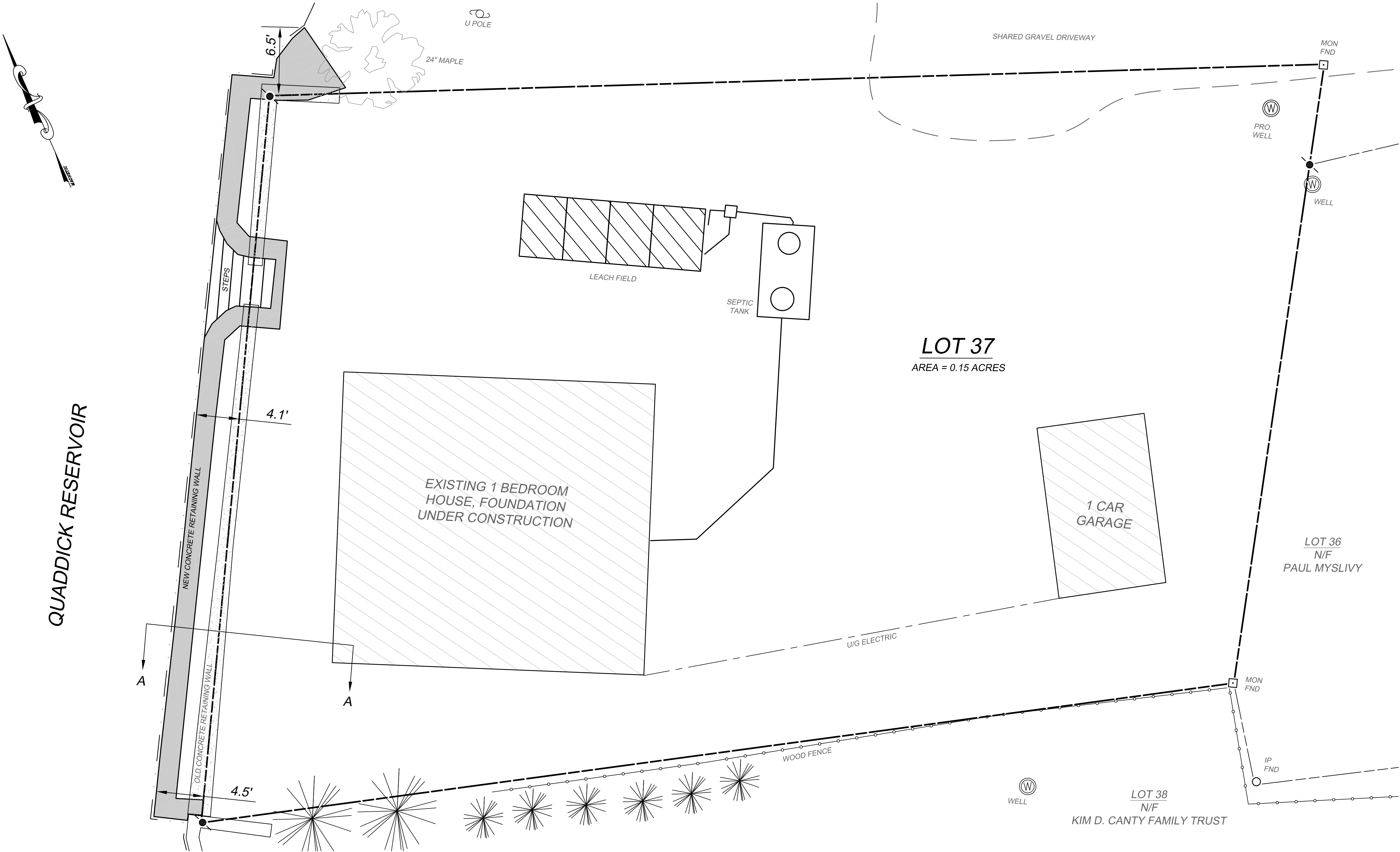
TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

DENNIS R. BLANCHETTE DATE 12107 LICENSE

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE
© 2020 J&D CIVIL ENGINEERS, LLC

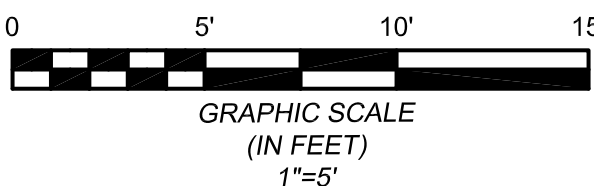


LOCATION MAP
1" = 500'



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



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
SCALE: 1" = 5'

DATE: MAY 4, 2020
SHEET: 1 OF 1



Thompson Town Clerk's Office Drive 6.4 miles, 11 min
to 518 Brandy Hill Road, Thompson, CT

Thompson Town Clerk's Office

815 Riverside Dr, North Grosvenor Dale, CT 06255

Take CT-200 E/Thompson Hill Rd and Quaddick Rd to Brandy Hill Rd

11 min (6.1 mi)

- ↑ 1. Head southwest on Riverside Dr toward Main St
1.0 mi
- ↩ 2. Turn left onto CT-200 E/Thompson Hill Rd
1.9 mi
- ↑ 3. Continue onto Quaddick Rd
2.6 mi
- ↩ 4. Turn left onto Quaddick Town Farm Rd
0.6 mi

Continue on Brandy Hill Rd to your destination

1 min (0.3 mi)

- ↩ 5. Turn left onto Brandy Hill Rd
0.2 mi
- ↩ 6. Turn left onto Island View Dr
243 ft
- ↪ 7. Turn right to stay on Island View Dr
125 ft
- ↪ 8. Turn right
 Destination will be on the left
279 ft

518 Brandy Hill Rd

Thompson, CT 06277

These directions are for planning purposes only.
You may find that construction projects, traffic,

weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Copy 1

For Wetland Agent:	rev 01/11
APPLICATION #WAA	<u>20012</u>
DATE RECEIVED	<u>May 6, 2020</u>

RECEIVED
TOWN OF THOMPSON, CT.

Application
for
Wetland Agent Approval
to conduct a regulated activity

2020 MAY -6 P 1:10
Smith-Paradise
TOWN CLERK, ASST

Town of Thompson

INLAND WETLANDS COMMISSION
815 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CT 06255

Instructions:

Two (2) copies of the completed application and two (2) copies of all the additional attached documents (site plan, etc.) must be submitted to the Agent.

The applicant is advised to read Sections 7 and 8 of the Regulations for further information regarding application requirements and procedures. THE APPLICANT IS FURTHER ADVISED THAT A BUFFER (SETBACK) OF 100 FEET FROM AN INLAND WETLAND OR WATERCOURSE IS REQUIRED, AND A BUFFER/SETBACK OF 200 FEET FROM THE TEN (10) ESPECIALLY NOTEWORTHY WETLANDS AND WATERCOURSES IDENTIFIED IN THE TOWN OF THOMPSON INLAND WETLAND INVENTORY PREPARED BY NORTHEASTERN CONNECTICUT REGIONAL PLANNING AGENCY 1980 PAGES 9, 14 AND 15 IS REQUIRED. See Section 6 of the Regulations for further information regarding regulated activities.

Please provide the following information:

- Directions to the property from the Thompson Town Hall
 - Location of Utility Pole nearest your property
- *Pole Number *Location of property in reference to Pole

NO APPROVAL SHALL BE TRANSFERRED WITHOUT PERMISSION OF THE AGENCY.

FEE SCHEDULE:

(Additional \$60.00 fee to State as per Public Act 09-03, Section 396)

- Individual Lot \$50 + \$60
(Includes Mandatory Legal Advertisements Fee of \$20)

If the Agent finds that greater than a minimal impact may occur to wetlands, then this proposal must undergo a full permit application. Fee will be applied to the permit application.

Please complete the following application information.
If you need assistance contact the Wetland Agent (office 860- 923-1852)
Fax 860-923-9897
www.thompsonct.org/wetlands

Date 5/6/20

1) Name of Applicant J AND J CONSTRUCTION
Home Address P.O.B 848 N. GROSVENORDALE, CT 06255
Home Tele & Hrs 860-234-5846 Business Tele & Hrs _____
Business Address 11 LAPORTE ST, N. GROS CT 06255

2) Applicant's interest in the Property: X Owner _____ Other _____
INLAND WETLANDS APPROVALS CAN BE GRANTED TO PROPERTY OWNER ONLY.

3) Name of Property Owner (if not applicant) RICHARD P & MELISSA A DESROCHERS
Home Address P.O. BOX 848 N. GROSVENORDALE, CT 06255
Business Address 11 LAPORTE ST " "
Home Tele & Hrs 860-234-5846 Business Tele & Hrs _____

4) Geographical Location of the Property (site plan to include utility pole number nearest property or other identifying landmarks)

Pole # and Location CLQ P # 2450 ACROSS ST
Street or Road Location 484 & 486 QUADDICK T.F. RD

Tax Assessor's Map # 158

Block # 20

Lot # that appears on site plan 8I & 8J

Deed Information: Volume # 8J-350, 8I-957

Page # 8J-271, 8I-63

5) The property to be affected by the proposed activity contains:

Soil Types HWKLEY SAND & GRAVEL & SUDBURY SANDY LOAM

Wetland Soils _____ (Swamp _____ Marsh _____ Bog _____ Vernal Pool _____)

Watercourses _____ (Lake or Pond ☒ Stream or River ☒ Intermittent Stream _____)

Floodplain ☒ Yes / No

6) Description of the Activity for which Approval is requested EARTH EXCAVATION -
GRADING 2 LOTS FOR FUTURE RESIDENTIAL
DEVELOPMENT INCLUDING DRIVEWAY

7) Submit a Site Plan, drawn to scale, with the certification of the preparing Surveyor and/or Engineer including:

- ☒ 1-Locus map at approx. 1" = 1000'
- ☒ 2-Location of property, with boundaries defined and utility pole # near property and any other identifying landmarks.
- ☒ 3-Location of wetlands and /or watercourses. A wetland delineation in the field must be marked with numbered wetlands flags by a certified soil scientist and located on the map/site plan. Site plan shall bear the soil scientist's original signature.
- ☒ 4-Soil types on the property.
- ☒ 5-Flood Hazard area classification and delineation.
- ☒ 6-(a)Location of the proposed activity (i.e. house, septic, well or other areas to be disturbed).
(b)Location of perc tests and soil test holes.
(c)Copy of NDDH approval to construct or repair subsurface sewage disposal system. *N/A*
- N/A* ☐ 7-Nature and volume of the material to be placed, removed, or transferred. *NO WORK IN WETLANDS*
- ☒ 8-Topographical contours, proposed and existing.
- N/A* ☐ 9-Location and supporting data for proposed drainage.
- ☒ 10-Date, scale (recommend 1"=40') and North arrow.
- ☒ 11-Proposed limits of clearing/disturbance and location of stockpiles during construction.
- ☒ 12-Location of proposed Erosion and Sedimentation controls and other management practices and mitigation measures which may be considered as a condition of issuing a permit for the proposed regulated activity. The erosion and sedimentation control provisions on the site plan must comply with the most current CT DEP edition of the *Connecticut Guidelines for Soil Erosion and Sedimentation Control* and be so noted on the plans.
- ☒ 13 -Location of proposed Stormwater treatment design on the site plan must comply with the most current CT DEP edition of the *Connecticut Stormwater Quality Manual* and be so noted on the plans. It is strongly recommended that low impact development techniques, stormwater management techniques that are designed to approximate the pre-development site hydrology, be utilized in the stormwater system design wherever practical and possible.
- N/A* ☐ 14-Location of proposed mitigation or wetland enhancement measures which may be considered as a condition of issuing a permit for the proposed regulated activity.
- ☒ 15-Timing and description of phases of activities, installation of sediment and stormwater control measures and temporary and permanent stabilization methods.

The Wetland Agent will notify you if any additional information is needed in order to properly evaluate your proposal.

- 8) Is any portion of this property located within the watershed of a water company as defined in section 16-1 of the Connecticut General Statutes? NO If yes, the Applicant is required to provide written notice of the application by certified mail, return receipt requested, to the water company on the same day of filing this permit application with the Thompson Inland Wetlands and Watercourses Commission. Documentation of such notice shall be provided to the Commission.

- 9) Does any portion of this property contain a Natural Diversity Data Base (NDDB) area of concern as defined on the map of Federal and State Listed Species and Significant Natural Communities, for Thompson, Connecticut, prepared by the Connecticut Department of Environmental Protection? YES If yes, the Applicant must contact the CT DEP for information regarding the State or Federal Listed Species of Concern.

- 10) Names and Addresses of Abutters:

ATTACHED

- 11) Estimated start date JUNE 2020

Estimated date of completion (all disturbed areas are stabilized)

PHASE 1 - DEC 2020

PHASE 2 - DEC 2022

- 12) The undersigned hereby consents to necessary and proper inspections of the above mentioned 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 in this completed application is accurate to the best of her/his knowledge and belief.

ABSOLUTELY NO WORK IS TO BEGIN UNTIL ALL NECESSARY APPROVALS ARE OBTAINED.

Upon Approval the Applicant is responsible for publishing a notice of the approval, at the applicant's expense, in a newspaper having a general circulation in the Town of Thompson. The Agent will provide the necessary notice to the newspaper for public notice, and such notice must be published within ten (10) days of the date of approval.



Signature of Applicant

5/6/20
Date

Consent of Landowner if other than applicant

Date

Please attach a written consent by the owner if applicant is not the property owner.

Account Number	Site Address	Owner Name	Owner Address	Owner City	Owner St	Owner Zip
137 20 6 A	0 SPICER RD	BARNES CONCRETE COMPANY INC	873 PROVIDENCE PIKE	PUTNAM	CT	06260
156 20 7	388 QUADDICK TOWN FARM RD	RICE LISA M + TIMOTHY J	388 QUADDICK T F RD	THOMPSON	CT	06277
158 20 7 B	442 QUADDICK TOWN FARM RD	OLSON MICHAEL P + LINDA L	442 QUADDICK T F RD	THOMPSON	CT	06277
158 20 8 AA	464 QUADDICK TOWN FARM RD	LAPWORTH SCOTT R	464 QUADDICK TOWN FARM RD	THOMPSON	CT	06277
158 20 8 E	502 QUADDICK TOWN FARM RD	RUOPPO MARK A + STACY	502 QUADDICK TOWN FARM RD	THOMPSON	CT	06277
158 20 8 F	496 QUADDICK TOWN FARM RD	REDING THOMAS F + NANCY M	496 QUADDICK TOWN FARM RD	THOMPSON	CT	06277
158 20 8 G	490 QUADDICK TOWN FARM RD	LARROW SUSAN A	490 QUADDICK TOWN FARM RD	THOMPSON	CT	06277
158 20 8 I	486 QUADDICK TOWN FARM RD	DESROCHERS RICHARD P + MELISSA A	P O BOX 848	N GROSVENORDALE	CT	06255
158 20 8 K	480 QUADDICK TOWN FARM RD	BURLINGAME JENNIFER M +	480 QUADDICK TOWN FARM RD	THOMPSON	CT	06277
158 9 2 C	481 QUADDICK TOWN FARM RD	BUSHEY GALE F + SHARON L	481 QUADDICK TOWN FARM RD	THOMPSON	CT	06277
158 9 2 F	489 QUADDICK TOWN FARM RD	BOUCHER GEOFFREY	150 HARRISVILLE RD	WOODSTOCK	CT	06281
158 9 2 G	4 WAKEFIELD POND RD	DUCHESNEY JESSICA	4 WAKEFIELD POND RD	THOMPSON	CT	06277
158 9 2 I	485 QUADDICK TOWN FARM RD	CHANDLER ROBERT	485 QUADDICK T F RD	THOMPSON	CT	06277
LOT 12	105 ALM ROAD	VALERIE S. CLARK	105 ALM ROAD	THOMPSON	CT	06277
LOT 8B	522 QUADDICK TOWN FARM RD	MARK AND KELLY A. STANLEY	522 QUADDICK TOWN FARM RD	THOMPSON	CT	06277
LOT 8C	514 QUADDICK TOWN FARM RD	MARGARET A. SALI	514 QUADDICK TOWN FARM RD	THOMPSON	CT	06277
LOT 8D	508 QUADDICK TOWN FARM RD	TAMMY E. MAJERCIK	508 QUADDICK TOWN FARM RD	THOMPSON	CT	06277
LOT 8J	484 QUADDICK TOWN FARM RD	RICHARD P. DESROCHERS	P. O. BOX 848	THOMPSON	CT	06277
LOT 8	530 QUADDICK TOWN FARM RD	CYNTHIA . AND SCOTT CHRZANOWSKI	530 QUADDICK TOWN FARM RD	THOMPSON	CT	06277
LOT 9	0 QUADDICK TOWN FARM RD	STATE OF CONNECTICUT DEP	79 ELM STREET	HARTFORD	CT	06101
LOT 12A	0 BAKER ROAD	PETER M. ORR	1869 19TH AVE	MOLINE	IL	61265
LOT 10	0 BAKER ROAD	TRACY KELLEY	216 EAST THOMPSON RD	THOMPSON	CT	06277

Transmittal MEMO

To: Marla Butts
From: Janet Blanchette
Date: May 6, 2020

Re: Wetland Agent Approval Application
J & J Construction earth removal permit

Job No.: 19191

Description of work within the 100' upland review area:

The project does not involve any work within regulated wetlands or watercourses. The wetlands shown were taken from the original 1995 subdivision plan set and they were delineated by Michael Schaefer. Please review the colored General Location Plan – sheet 2 to follow along with the descriptions of work within the upland review areas

Previous Permit Area

A gravel operation began around 1997 after the subdivision was approved. Most of the gravel was removed from the site in the area indicated in green on sheet 2 of the plan set as "previous permit area" between 1997 and 2003. The only work within the upland review area from the previous gravel permit will be for site restoration, not excavation or additional clearing. There are several large topsoil stockpiles in this area and that will be spread on the site and seeded. The site seems stabilized now and the sediment pond is working well so J & D did not propose additional E & S within this area.

Phase 1

The orange area shown as Phase 1 runs along the eastern property line and includes the long driveway. The majority of the work is far from wetlands but portions of the driveway grading are within the upland review areas of the wetlands to the north (primarily Rice property) and the south (primarily Larrow property). In both cases the proposed work is below the elevation of the wetlands and so erosion into these wetlands will not be a problem. Because the work is lower than the wetlands, perimeter E & S in these areas is not warranted. However, erosion control blanket is proposed at the bottom of drainage swales either side of the driveway and notes have been provided in the E & S narrative regarding temporary control measures such as stone check dams. In addition, a sediment trap at the toe of slope is proposed. The owner intends to construct a house in the Phase 1 area. There have been numerous test pits dug near

the proposed house site and we do not anticipate any problem designing a code complying septic system in the well drained soil. That design will proceed soon and the house, well and septic system will be well outside the 100' upland review area.

Phase 2

After stabilization of Phase 1 the owner/applicant intends to excavate gravel from two knolls within Phase 2. At some time in the future the owner intends to construct a house on one of the knolls. We are not looking for approval of a future house or septic construction at this time. It is shown simply to demonstrate the need for the grading and to illustrate feasibility and is labeled "future" not proposed. A cart road for the owners' access exists in Phase 2 and a portion is within the upland review area to the wetland to the east on the owners' and the Kelly property. No grading is proposed east of the existing cart path. The proposed clearing limits and grading are within approximately 50' of Stump Pond on the west side of the excavation. Perimeter erosion control devices are shown on the plan to protect the pond and wetland. A sediment trap is proposed at the low point between the two knolls. In a few years when the owners have a better feel for the size and location of the future house and septic an additional wetland application will be made illustrating the final design of those features.

The Planning and Zoning Commission has scheduled a public hearing on the special permit application for earth excavation for May 26, 2020. The owner hopes that a wetland agent approval can be obtained before that date so that the P & Z approval can progress.

Date: 05/11/2020 [11:53:43 AM CDT]
From: Janet Blanchette <janet@jdcivilengineers.com>
To: "wetlands@thompsonct.org (wetlands@thompsonct.org)" <wetlands@thompsonct.org>
Cc: J & J Construction <jandjllc@charter.net>
Subject: applicant info - Desrochers

Marla,

Please change the name of the applicant on the wetland agent approval form to Richard Desrochers, instead of J & J Construction. All other contact information under applicant info remains the same. Thank you.

Janet J. Blanchette, PE

J & D Civil Engineers, LLC
401 Ravenelle Road
North Grosvenordale, CT 06255
860-923-2920

www.jdcivilengineers.com

EARTH EXCAVATION PLANS
484 AND 486 QUADDICK TOWN FARM ROAD
THOMPSON, CONNECTICUT
MAY 6, 2020

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



LOCATION MAP

1" = 2000'

INDEX OF DRAWINGS

<u>NO.</u>	<u>DESCRIPTION</u>
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

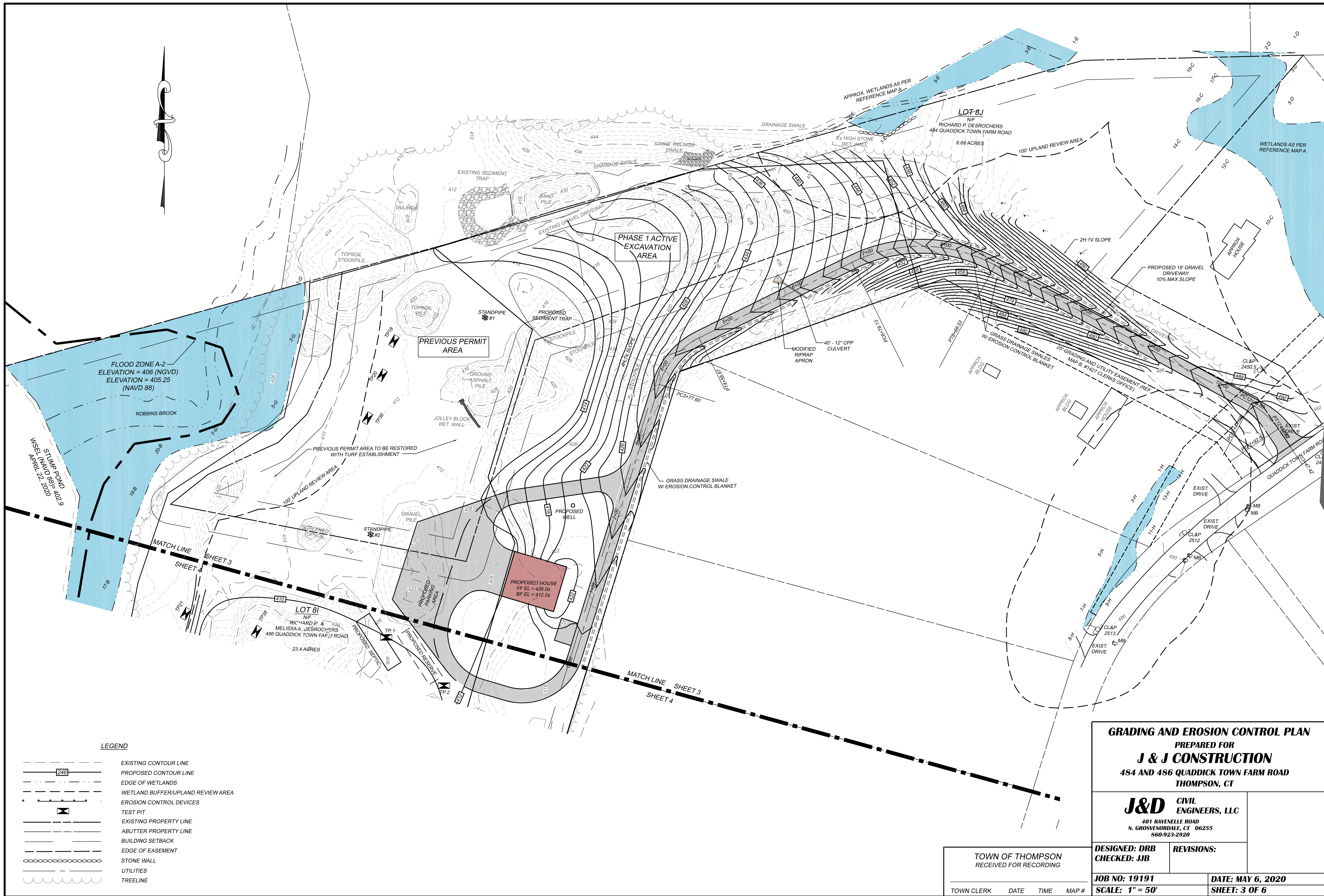
SPECIAL PERMIT APPROVAL BY THE THOMPSON, CONNECTICUT
PLANNING AND ZONING COMMISSION

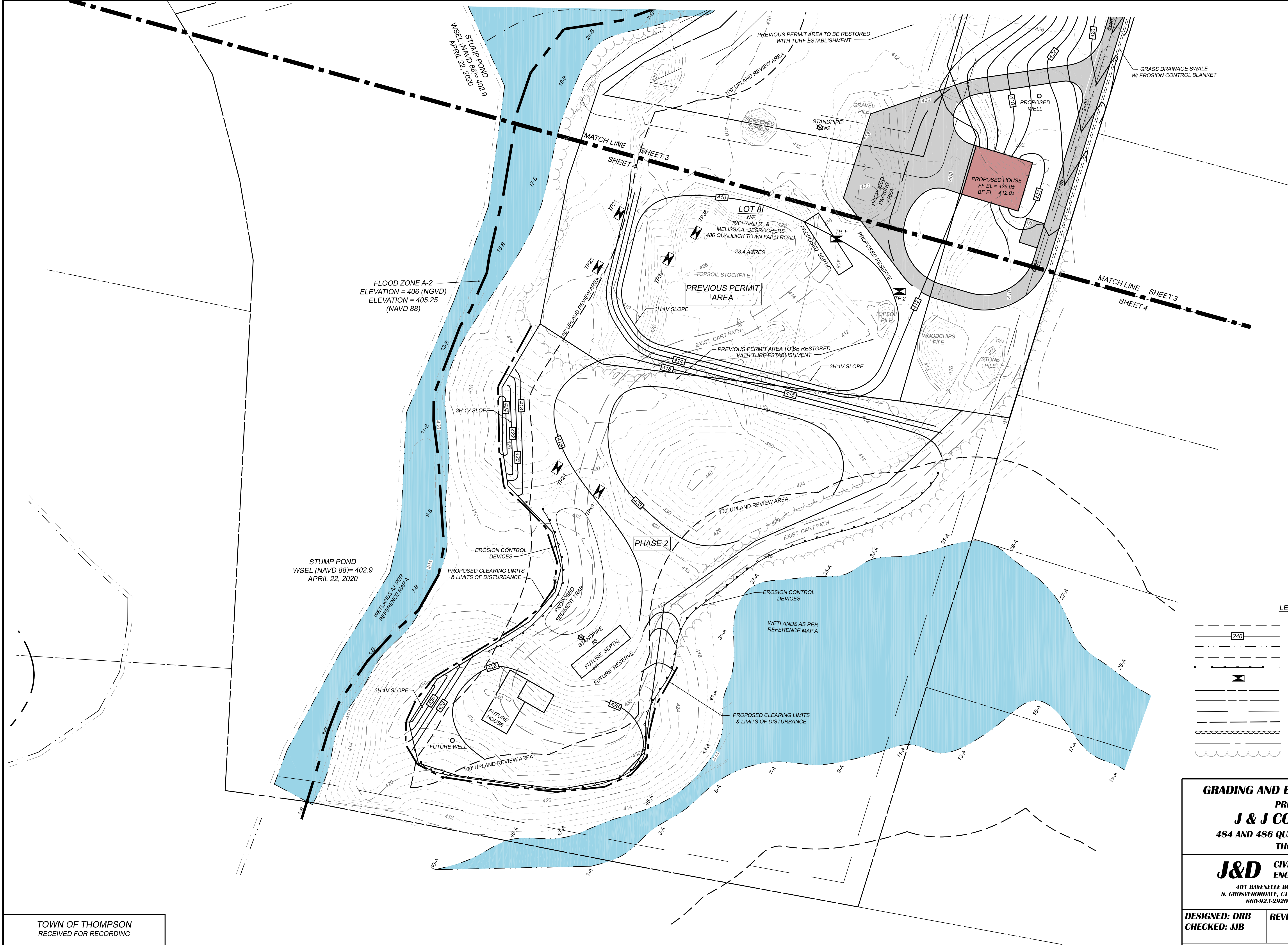
CHAIRMAN

DATE

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

CHAIRMAN _____ DATE _____





GRADING AND EROSION CONTROL PLAN
PREPARED FOR
J & J CONSTRUCTION
484 AND 486 QUADDICK TOWN FARM ROAD
THOMPSON, CT

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

DESIGNED: DRB
CHECKED: JJB

REVISIONS:

JOB NO: 19191
SCALE: 1" = 50'

DATE: MAY 6, 2020
SHEET: 4 OF 6

TEST PIT RESULTS

OBSERVED BY: MAUREEN MARCOUX
DATE: JULY 13, 1995

<u>PIT NO. 18</u>	<u>PIT NO. 24</u>
0 - 10" TOP SOIL 10 - 36" FINE SANDY LOAM 36-84+" MOTTLED SANDY LOAM	0 - 8" TOP SOIL 8 - 72" SAND AND GRAVEL
MOTTLING: N/A RESTRICTIVE: N/A LEDGE: N/A WATER: 50"	MOTTLING: N/A RESTRICTIVE: N/A LEDGE: N/A WATER: N/A
<u>PIT NO. 20</u>	<u>PIT NO. 36</u>
0 - 8" TOP SOIL 8 - 29" FINE SANDY LOAM 29-80" SAND AND GRAVEL	0 - 4" TOP SOIL W/ ORGANICS 4 - 24" GRAVEL / SANDY LOAM 24+" COARSE SAND
MOTTLING: N/A RESTRICTIVE: N/A LEDGE: N/A WATER: N/A	MOTTLING: N/A RESTRICTIVE: N/A LEDGE: N/A WATER: N/A
<u>PIT NO. 21</u>	<u>PIT NO. 38</u>
0 - 6" TOP SOIL 6 - 24" LOAMY SAND 20-84" SAND	0 - 16" TOP SOIL 16 - 43" LOAMY SAND 43+" SAND
MOTTLING: N/A RESTRICTIVE: N/A LEDGE: N/A WATER: N/A	MOTTLING: N/A RESTRICTIVE: N/A LEDGE: N/A WATER: N/A
<u>PIT NO. 22</u>	<u>PIT NO. 39</u>
0 - 10" TOP SOIL 10 - 28" FINE SANDY LOAM TO LOAMY SAND 20-80" SAND	0 - 8" TOP SOIL 8 - 38" LOAMY SAND 38+" COARSE SAND
MOTTLING: N/A RESTRICTIVE: N/A LEDGE: N/A WATER: N/A	MOTTLING: N/A RESTRICTIVE: N/A LEDGE: N/A WATER: N/A
	<u>PIT NO. 40</u>
	0 - 5" TOP SOIL 5 - 20" LOAMY SAND 20+" COARSE SAND
	MOTTLING: N/A RESTRICTIVE: N/A LEDGE: N/A WATER: N/A

EXCAVATION NOTES

- 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".
- NO TOPSOIL OR SUBSOIL STRIPPED FROM THE EXCAVATION AREA SHALL BE SOLD OR REMOVED FROM THE PROPERTY.
- NO STUMPS SHALL BE BURIED ON SITE. ALL STUMPS SHALL BE CHIPPED OR REMOVED FROM THE SITE.
- NO BLASTING IS ANTICIPATED.
- THE EXCAVATOR SHALL PROVIDE ADEQUATE DUST CONTROL ON SITE AND ON ROADS TO PREVENT ANY OFF SITE NUISANCES.
- 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.
- THE NUMBER OF TRUCK TRIPS PER DAY IS VARIABLE AND IS NOT ANTICIPATED TO IMPACT LOCAL ROADS.
- AT ALL STAGES OF THE OPERATION SUFFICIENT DRAINAGE SHALL BE PROVIDED TO AVOID HAZARDOUS CONDITIONS DUE TO COLLECTION OF STAGNATION OF WATER.
- THE USE OF EXPLOSIVE DEVICES MAY BE LIMITED AS A CONDITION OF THE PERMIT.
- THERE SHALL BE NO FUEL STORED ON THE SITE.
- THE CONSTRUCTION ENTRANCE AND ANTI-TRACKING PAD SHALL BE CLEANED REGULARLY AND RENEWED AS NEEDED.
- 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.
- ALL LOADS LEAVING A PERMITTED GRAVEL OPERATION SITE MUST BE COVERED PRIOR TO LEAVING THE PREMISES.
- 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 SAHLL TAKE PLACE BETWEEN 7:00 AM AND 5:00 PM. NO PROCESSING SHALL BE PERMITTED ON SATURDAYS, SUNDAYS, OR HOLIDAYS.

RESTORATION NOTES

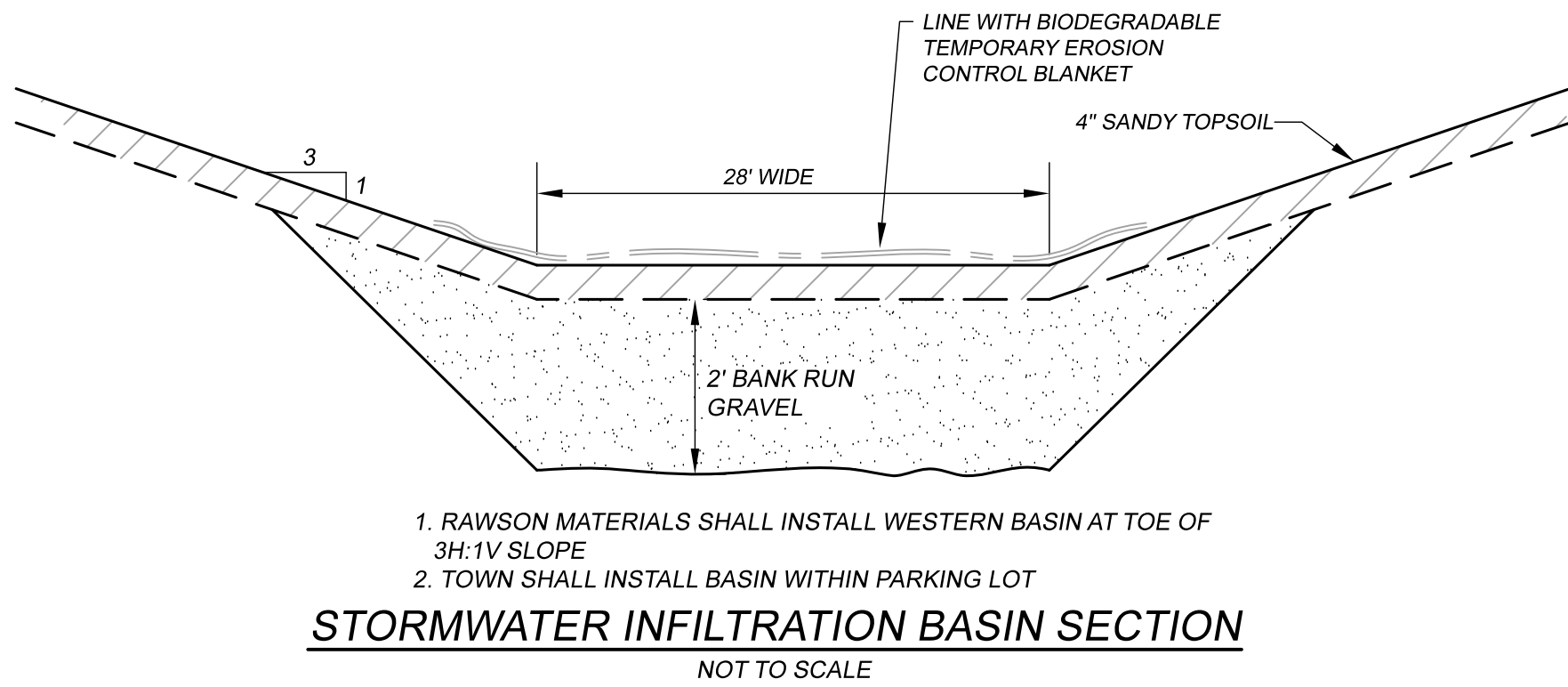
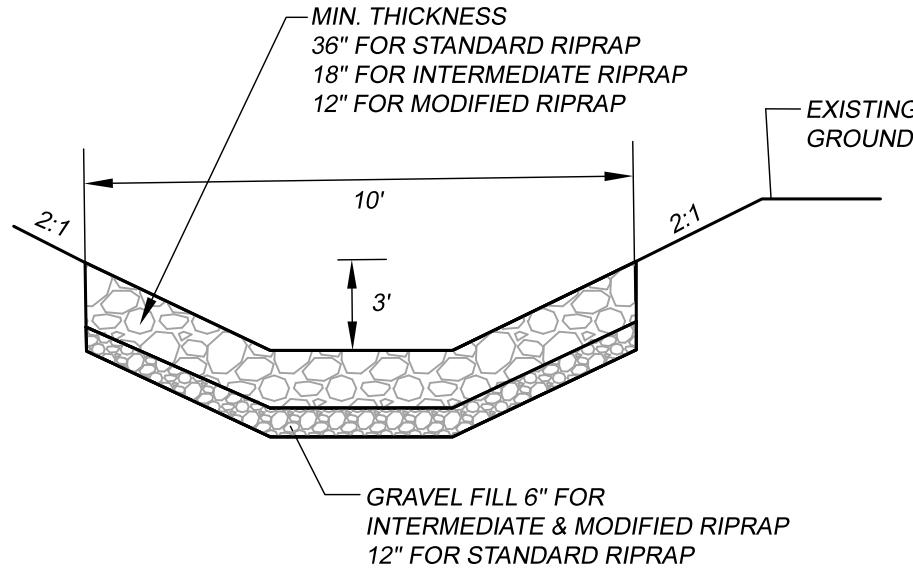
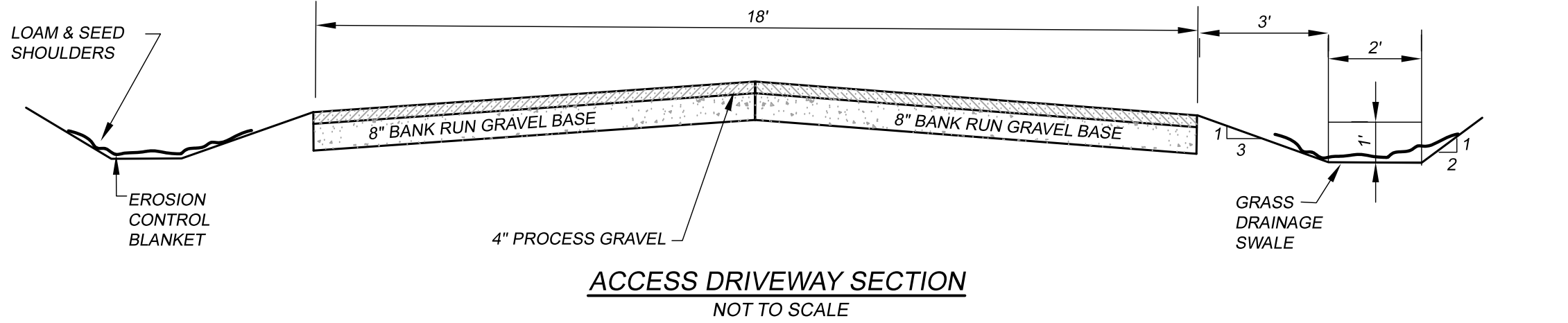
- ALL DEBRIS NOT INCORPORATED INTO THE IMPROVEMENT OF THE LOT SHALL BE REMOVED FROM THE LOT AND LOOSE BOULDERS NOT INCORPORATED INTO THE IMPROVEMENT OF THE LOT SHALL BE BURIED OR REMOVED FROM THE LOT.
- COMPLETED AREAS SHOULD BE COVERED WITH EIGHT (8) INCHES OF SUBSOIL AND A MINIMUM OF FOUR (4) INCHES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

PERMANENT SEEDING NOTES

- ALL PERMANENT VEGETATIVE COVER IS TO BE IN ACCORDANCE WITH THE 2002 GUIDELINES.
- SEED ALL DISTURBED AREAS ONCE FINAL GRADES ARE ESTABLISHED, OR WHERE THE SUSPENSION OF WORK IS EXPECTED TO EXCEED ONE YEAR.
- RECOMMENDED SEEDING DATES ARE APRIL 1 TO JUNE 15, AND AUGUST 15 TO OCTOBER 1.
- GRASS SPECIES SHALL BE AS FOLLOWS FOR THE STEEP SLOPES:
VIKING H2O HARD FESCUE 50%, AZURE BLUE SHEEP FESCUE 25%, QUATRO SHEEP FESCUE 25%
- GRASS SPECIES SHALL BE AS FOLLOW FOR ALL OTHER AREAS:
KENTUCKY BLUEGRASS 10%, CREEPING RED FESCUE 60%, AND PERENNIAL RYEGRASS 20%
- INSTALL ANY NECESSARY EROSION CONTROL DEVICES.
- INSTALL TEMPORARY EROSION CONTROL BLANKETS ON ALL SLOPES 3:1 AND STEEPER.
- LOOSEN ANY OVER COMPACTED SUBSOIL TO A DEPTH OF 24", USING A SUBSOILER OR ROTOTILLER.
- TOPSOIL WILL BE SPREAD AT A MINIMUM COMPACTED DEPTH OF 4 INCHES.
- 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
- AFTER SEEDING, FIRM SEED BED WITH A ROLLER. MULCH IMMEDIATELY AS PER THE 2002 GUIDELINES. WATER AS NECESSARY TO ENSURE PROPER GERMINATION AND GROWTH.
- 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

- ALL TEMPORARY VEGETATIVE COVER IS TO BE IN ACCORDANCE WITH THE CT 2002 E & S GUIDELINES.
- 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.
- GRASS SPECIES SHALL BE APPROPRIATE FOR THE SEASON AND SITE CONDITIONS. APPROPRIATE SPECIES ARE OUTLINED IN FIGURE TS-2 IN THE 2002 GUIDELINES.
- INSTALL NECESSARY EROSION CONTROL MEASURES
- LOOSEN THE SOIL TO A DEPTH OF 3-4 INCHES. AVOID EXCESSIVE COMPACTION OF THE SURFACE BY VEHICULAR TRAVEL.
- 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.
- APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER AT THE RECOMMENDED MINIMUM RATE FOR THE SELECTED SPECIES.
- TEMPORARY SEEDINGS MADE DURING OPTIMUM SEEDING DATES SHALL BE MULCHED ACCORDING TO RECOMMENDATIONS IN THE 2002 GUIDELINES.
- 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.



GENERAL CONSTRUCTION NOTES:

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

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:	
JOB NO: 19191		DATE: MAY 6, 2020	
SCALE: AS NOTED		SHEET: 5 OF 6	

EROSION AND SEDIMENT CONTROL NOTES

- ALL EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL 2002."
- THE EXCAVATOR IS RESPONSIBLE FOR COMPLIANCE WITH THIS EROSION CONTROL PLAN.
- 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.
- 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.
- 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.
- 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.
- E & S DEVICES WILL REMAIN IN PLACE UNTIL PERMANENT VEGETATION IS ESTABLISHED.
- 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'.
- 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

- 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.
- 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.

MANAGING RUNOFF

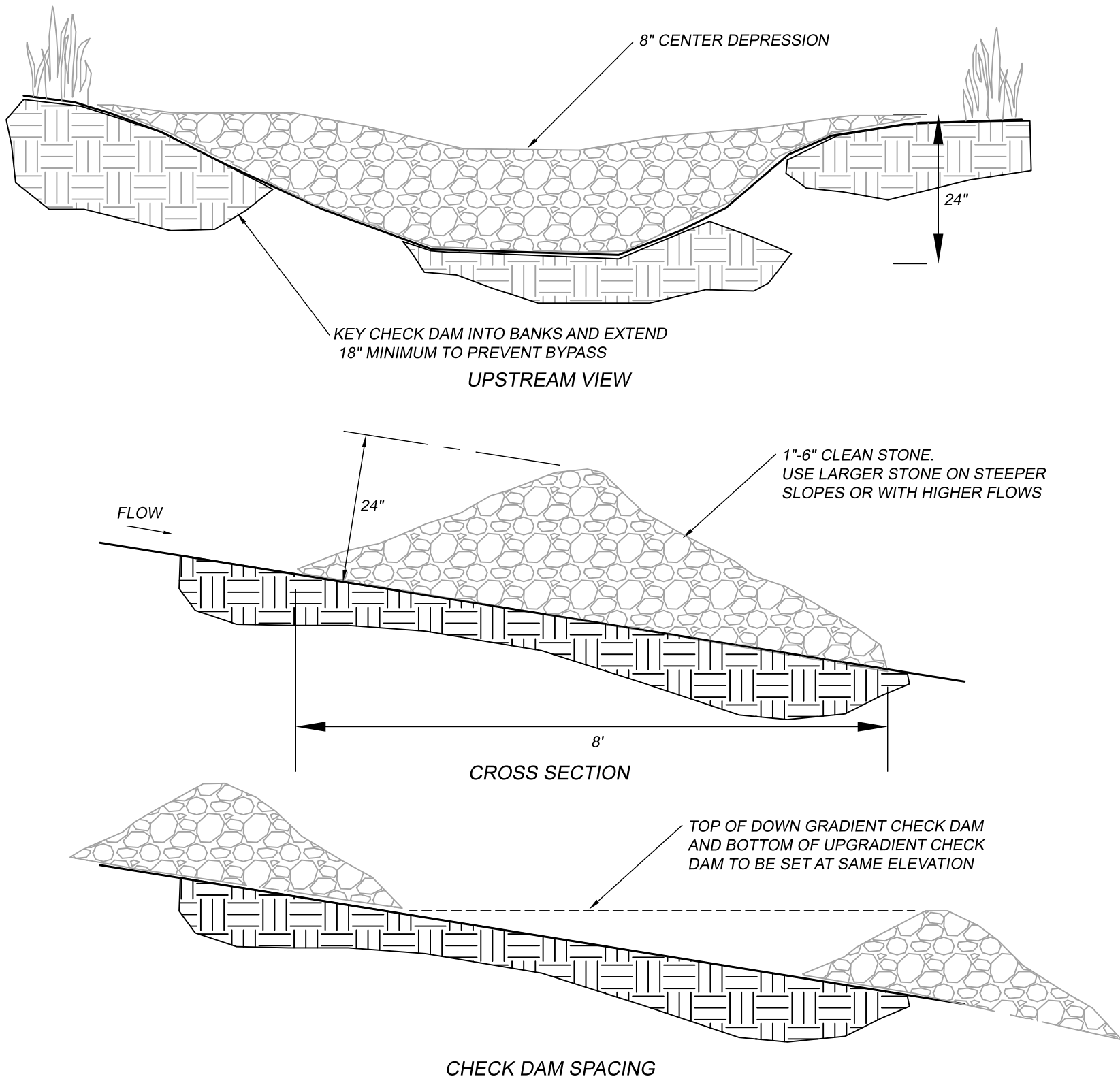
- USE DIVERSIONS, STONE DIKES, SILT FENCES AND SIMILAR MEASURES TO BREAK FLOW LINES AND DISSIPATE STORM WATER ENERGY.
- AVOID DIVERTING ONE DRAINAGE SYSTEM INTO ANOTHER WITHOUT CALCULATING THE POTENTIAL FOR DOWNSTREAM FLOODING OR EROSION.
- CLEAN RUNOFF SHOULD BE KEPT SEPARATED FROM SEDIMENT LADEN WATER 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

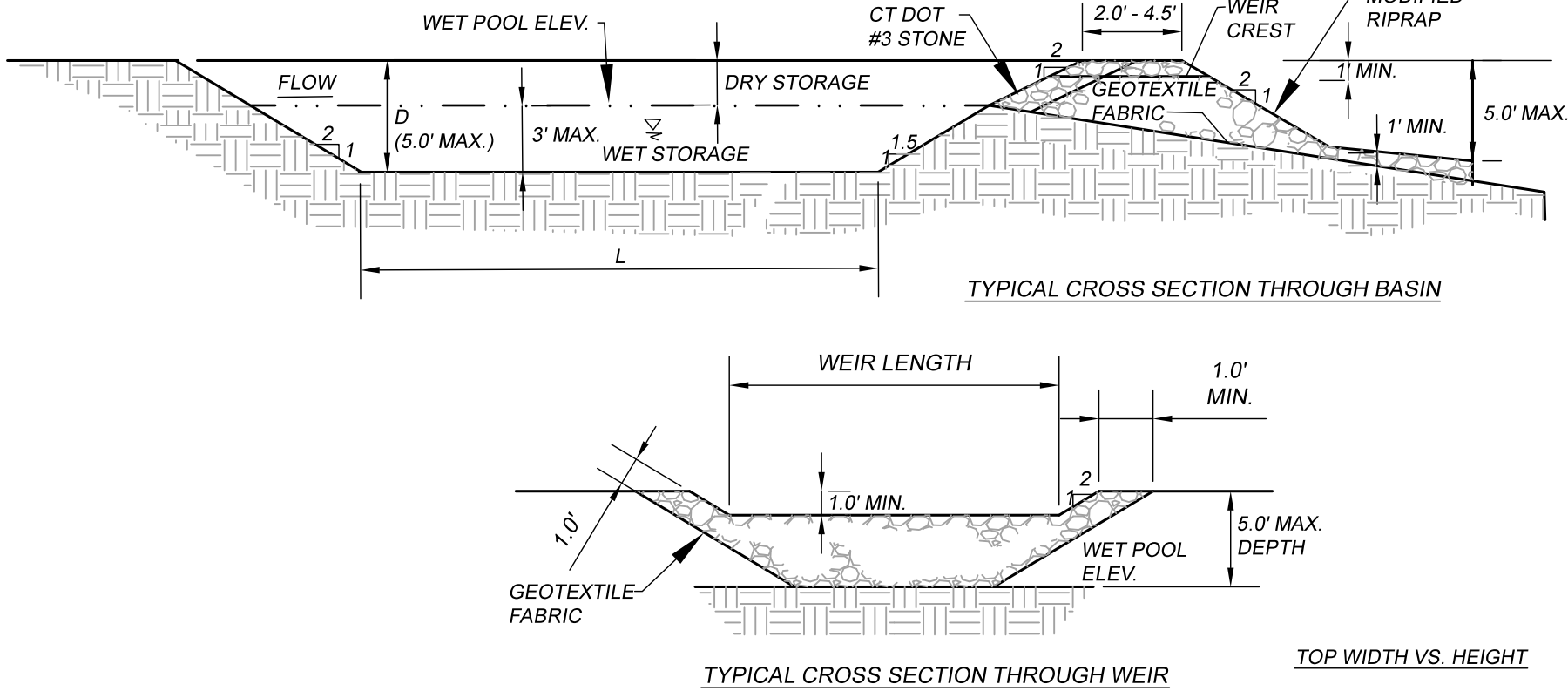
- DO NOT RELY EXCLUSIVELY ON PERIMETER EROSION CONTROL DEVICES.
- CONTROL EROSION AND SEDIMENTATION BY INSTALLING INTERNAL EROSION CONTROL IN THE SMALLEST DRAINAGE AREA POSSIBLE.
- DIRECT RUNOFF FROM SMALL DISTURBED AREAS TO ADJOINING UNDISTURBED VEGETATED AREAS.
- CONCENTRATED RUNOFF SHOULD BE CONVEYED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

CONSTRUCTION SCHEDULE

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



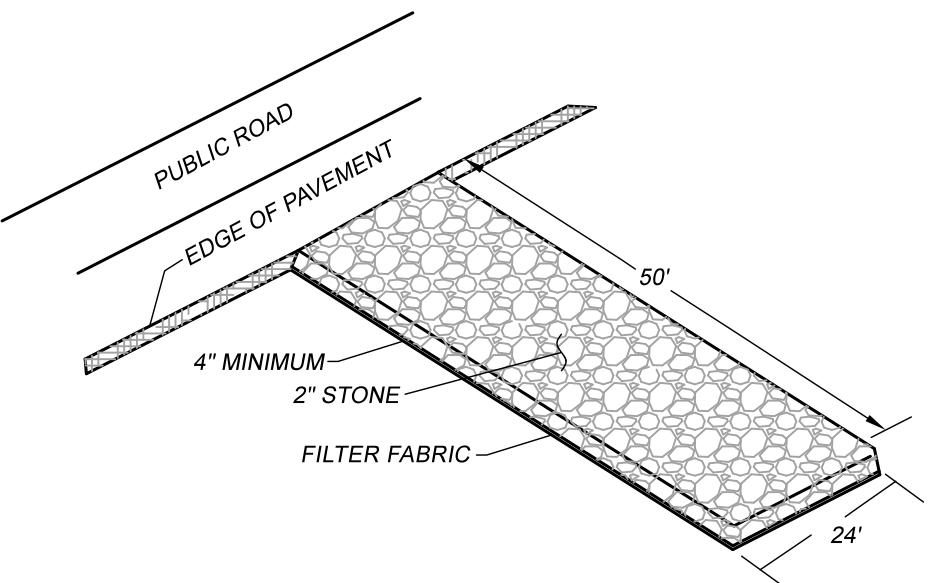
STONE CHECK DAM DETAIL
NOT TO SCALE



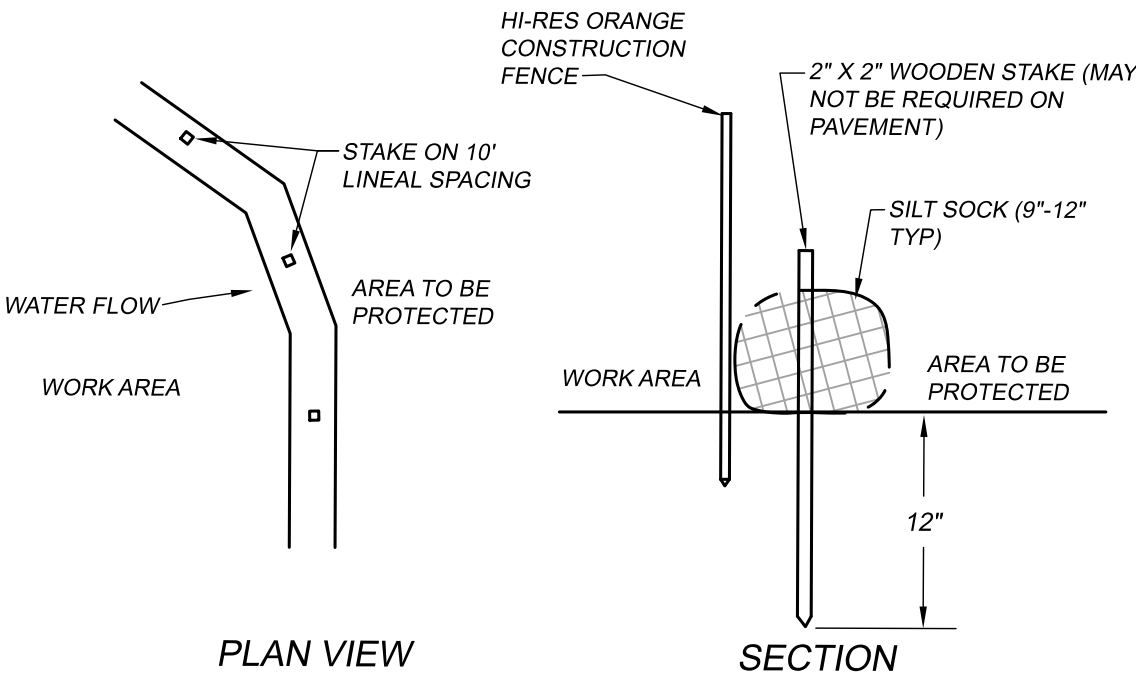
- PERVIOUS DIKE SHALL BE CONSTRUCTED OF CT DOT MODIFIED RIPRAP WITH #3 STONE ON FACE.
- NON-OVERFLOW PORTIONS AND ABUTMENTS OF TEMPORARY SEDIMENT TRAPS MAY BE CONSTRUCTED OF COMPACTED EARTHFILL.

TOP WIDTH VS. HEIGHT	
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



TEMPORARY CONSTRUCTION ENTRANCE
NOT TO SCALE



PLAN VIEW

SECTION

NOTES

- SILT SOCK MANUFACTURER SHALL BE SILT SOCKX OR ENGINEER APPROVED EQUAL.
- ALL MATERIAL TO MEET MANUFACTURER'S SPECIFICATIONS.
- SEDIMENT SILT SOCK TO BE FILLED WITH LEAF COMPOST AND/OR WOODY MULCH PER MANUFACTURER'S REQUIREMENTS.
- 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

CONSTRUCTION

- 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.
- EXCAVATE WET STORAGE AND CONSTRUCT EMBANKMENT AS SHOWN ON PLAN.
- USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, ROCKS > 6", AND OTHER UNSUITABLE MATERIALS.
- COMPACT THE EMBANKMENT IN 9" LIFTS.
- STABILIZE THE EMBANKMENT WITH TEMPORARY SEEDING, PERMANENT SEEDING OR STONE SLOPE PROTECTION IMMEDIATELY AFTER INSTALLING.
- RIP RAP APRON MUST OUTLET ONTO UNDISTURBED GROUND.

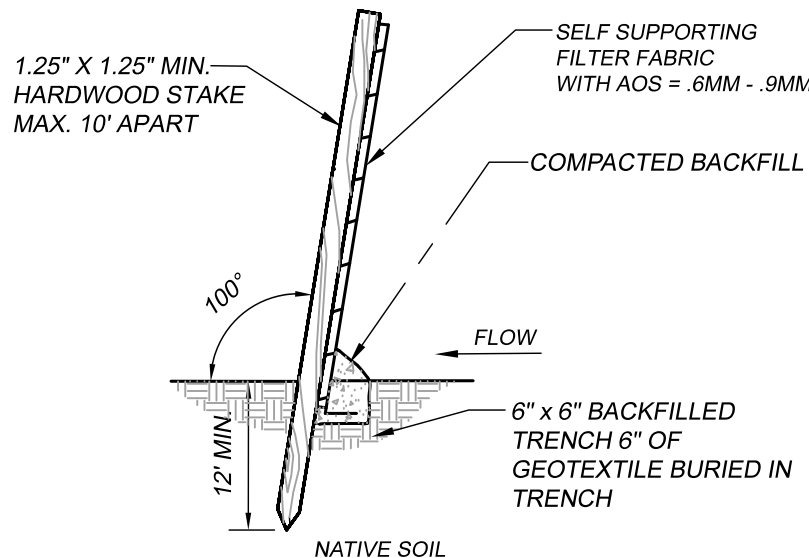
MAINTENANCE

- 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.
- 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.
- DISPOSE OF SEDIMENT IN A SUITABLE AREA AND IN A SUCH A MANNER THAT IT WILL NOT ERODE INTO WETLANDS OR WATERCOURSES.
- THE TEMPORARY SEDIMENT TRAP MAY BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED. UPON REMOVAL, THE AREA SHALL BE RESTORED TO PRE-EXISTING GRADES, LOAMED AND SEEDED.

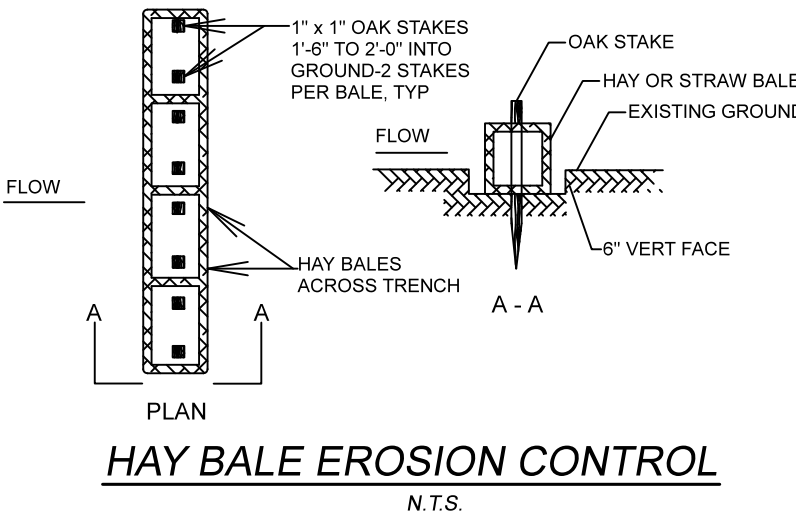
SIZING CRITERIA

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.

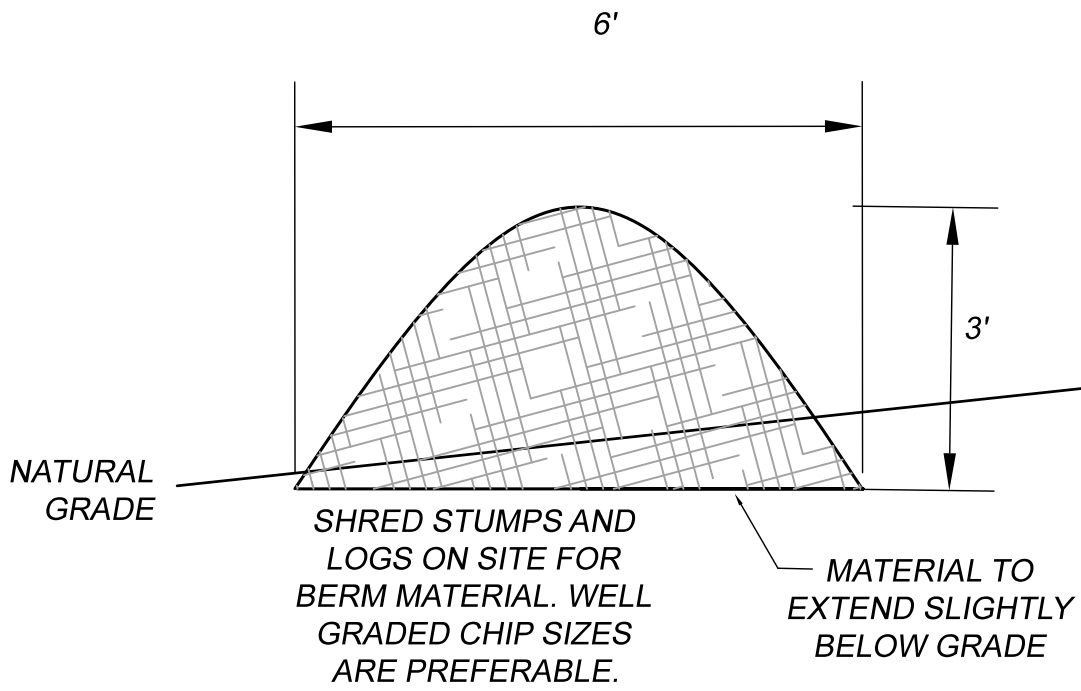
DRAINAGE AREA	DEPTH (D)	WIDTH (W)	LENGTH (L)
2 AC.	4"	30'	60'
3 AC.	5"	30'	72'
4 AC.	5"	35'	83'
5 AC.	5"	40'	90'



SILT FENCE INSTALLATION
NOT TO SCALE



HAY BALE EROSION CONTROL
N.T.S.



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
SCALE: AS NOTED

DATE: MAY 6, 2020
SHEET: 6 OF 6

Original

For Wetland Agent:	rev 01/11
APPLICATION #WAA	<u>20014</u>
DATE RECEIVED	<u>May 11, 2020</u>

Application
for
Wetland Agent Approval
to conduct a regulated activity

Town of Thompson

INLAND WETLANDS COMMISSION
815 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CT 06255

Instructions:

Two (2) copies of the completed application and two (2) copies of all the additional attached documents (site plan, etc.) must be submitted to the Agent.

The applicant is advised to read Sections 7 and 8 of the Regulations for further information regarding application requirements and procedures. THE APPLICANT IS FURTHER ADVISED THAT A BUFFER (SETBACK) OF 100 FEET FROM AN INLAND WETLAND OR WATERCOURSE IS REQUIRED, AND A BUFFER/SETBACK OF 200 FEET FROM THE TEN (10) ESPECIALLY NOTEWORTHY WETLANDS AND WATERCOURSES IDENTIFIED IN THE TOWN OF THOMPSON INLAND WETLAND INVENTORY PREPARED BY NORTHEASTERN CONNECTICUT REGIONAL PLANNING AGENCY 1980 PAGES 9, 14 AND 15 IS REQUIRED. See Section 6 of the Regulations for further information regarding regulated activities.

Please provide the following information:

- Directions to the property from the Thompson Town Hall
 - Location of Utility Pole nearest your property
- *Pole Number *Location of property in reference to Pole

NO APPROVAL SHALL BE TRANSFERRED WITHOUT PERMISSION OF THE AGENCY.

FEE SCHEDULE:

(Additional \$60.00 fee to State as per Public Act 09-03, Section 396)

- Individual Lot \$50 + \$60
(Includes Mandatory Legal Advertisements Fee of \$20)

If the Agent finds that greater than a minimal impact may occur to wetlands, then this proposal must undergo a full permit application. Fee will be applied to the permit application.

Please complete the following application information.
If you need assistance contact the Wetland Agent (office 860- 923-1852)
Fax 860-923-9897
www.thompsonct.org/wetlands

Received

MAY 11 2020

Thompson Wetlands Office

Date 5.04.2020

1) Name of Applicant MADISON AVENUE INVESTMENTS, LLC
Home Address 89 WAUREGAN RD. BROOKLIN, CT. 06234
Home Tele & Hrs 401-374-6543 Business Tele & Hrs _____
Business Address _____

2) Applicant's interest in the Property: ☒ Owner _____ Other _____
INLAND WETLANDS APPROVALS CAN BE GRANTED TO PROPERTY OWNER ONLY.

3) Name of Property Owner (if not applicant) _____
Home Address _____
Business Address _____
Home Tele & Hrs _____ Business Tele & Hrs _____

4) Geographical Location of the Property (site plan to include utility pole number nearest property or other identifying landmarks)

Pole # and Location _____
Street or Road Location MADISON AVENUE
Tax Assessor's Map # 103
Block # 31
Lot # that appears on site plan 6 I
Deed Information : Volume # 618
Page # 131

5) The property to be affected by the proposed activity contains:

Soil Types WOODBRIAR
Wetland Soils ☒ (Swamp _____ Marsh _____ Bog _____ Vernal Pool _____)
Watercourses _____ (Lake or Pond _____ Stream or River _____ Intermittent Stream _____)
Floodplain - Yes / ☒ No

6) Description of the Activity for which Approval is requested SINGLE FAMILY RESIDENCE
DEVELOPMENT OF LOT 9, PORTION OF SEPTIC SYSTEM AND FILLING
DRAIN LOCATED IN 100' UPLAND REVIEW AREA

7) Submit a Site Plan, drawn to scale, with the certification of the preparing Surveyor and/or Engineer including:

- ☒ 1-Locus map at approx. 1" = 1000'
- ☒ 2-Location of property, with boundaries defined and utility pole # near property and any other identifying landmarks.
- ☒ 3-Location of wetlands and /or watercourses. A wetland delineation in the field must be marked with numbered wetlands flags by a certified soil scientist and located on the map/site plan. Site plan shall bear the soil scientist's original signature.
- ☐ 4-Soil types on the property.
- ☒ 5-Flood Hazard area classification and delineation.
- ☒ 6-(a)Location of the proposed activity (i.e. house, septic, well or other areas to be disturbed).
(b)Location of perc tests and soil test holes.
(c)Copy of NDDH approval to construct or repair subsurface sewage disposal system.
- ☒ 7-Nature and volume of the material to be placed, removed, or transferred.
- ☒ 8-Topographical contours, proposed and existing.
- ☒ 9-Location and supporting data for proposed drainage.
- ☒ 10-Date, scale (recommend 1"=40') and North arrow.
- ☒ 11-Proposed limits of clearing/disturbance and location of stockpiles during construction.
- ☒ 12-Location of proposed Erosion and Sedimentation controls and other management practices and mitigation measures which may be considered as a condition of issuing a permit for the proposed regulated activity. The erosion and sedimentation control provisions on the site plan must comply with the most current CT DEP edition of the *Connecticut Guidelines for Soil Erosion and Sedimentation Control* and be so noted on the plans.
- ☒ 13 -Location of proposed Stormwater treatment design on the site plan must comply with the most current CT DEP edition of the *Connecticut Stormwater Quality Manual* and be so noted on the plans. It is strongly recommended that low impact development techniques, stormwater management techniques that are designed to approximate the pre-development site hydrology, be utilized in the stormwater system design wherever practical and possible.
- ☒ 14-Location of proposed mitigation or wetland enhancement measures which may be considered as a condition of issuing a permit for the proposed regulated activity.
- ☒ 15-Timing and description of phases of activities, installation of sediment and stormwater control measures and temporary and permanent stabilization methods.

The Wetland Agent will notify you if any additional information is needed in order to properly evaluate your proposal.

- 8) Is any portion of this property located within the watershed of a water company as defined in section 16-1 of the Connecticut General Statutes? NO If yes, the Applicant is required to provide written notice of the application by certified mail, return receipt requested, to the water company on the same day of filing this permit application with the Thompson Inland Wetlands and Watercourses Commission. Documentation of such notice shall be provided to the Commission.

9) Does any portion of this property contain a Natural Diversity Data Base (NDDB) area of concern as defined on the map of Federal and State Listed Species and Significant Natural Communities, for Thompson, Connecticut, prepared by the Connecticut Department of Environmental Protection? _____ If yes, the Applicant must contact the CT DEP for information regarding the State or Federal Listed Species of Concern.

10) Names and Addresses of Abutters:

SEE ATTACHMENT

11) Estimated start date JUNE 1, 2020

Estimated date of completion (all disturbed areas are stabilized) AUG. 31, 2020

12) The undersigned hereby consents to necessary and proper inspections of the above mentioned 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 in this completed application is accurate to the best of her/his knowledge and belief.

ABSOLUTELY NO WORK IS TO BEGIN UNTIL ALL NECESSARY APPROVALS ARE OBTAINED.

Upon Approval the Applicant is responsible for publishing a notice of the approval, at the applicant's expense, in a newspaper having a general circulation in the Town of Thompson. The Agent will provide the necessary notice to the newspaper for public notice, and such notice must be published within ten (10) days of the date of approval.

Brian Mead 5/04/2020
Signature of Applicant Date

Consent of Landowner if other than applicant Date

Please attach a written consent by the owner if applicant is not the property owner.

Account Nun	Owner Name	Owner Address	Owner City	Owner	Owner Zip	Map	Block	Lot
103 31 6 G	MADISON AVE INVESTMENTS LLC	89 WAUREGAN RD	BROOKLYN	CT	06234	103	31	6 G
103 31 6 H	MADISON AVE INVESTMENTS LLC	89 WAUREGAN RD	BROOKLYN	CT	06234	103	31	6 H
103 31 6 J	MADISON AVE INVESTMENTS LLC	89 WAUREGAN RD	BROOKLYN	CT	06234	103	31	6 J
103 31 6 K	MADISON AVE INVESTMENTS LLC	89 WAUREGAN RD	BROOKLYN	CT	06234	103	31	6 K
103 31 6 L	MADISON AVE INVESTMENTS LLC	89 WAUREGAN RD	BROOKLYN	CT	06234	103	31	6 L
103 31 6 S	MADISON AVE INVESTMENTS LLC	89 WAUREGAN RD	BROOKLYN	CT	06234	103	31	6 S
122 31 10	MCWILLIAM JOHN F + JAMES SCOTT	P O BOX 218	THOMPSON	CT	06277	122	31	10



NORTHEAST DISTRICT DEPARTMENT OF HEALTH

69 SOUTH MAIN STREET, UNIT 4, BROOKLYN, CT 06234

860-774-7350/FAX 860-774-1308 WWW.NDDH.ORG

April 30, 2020

Madison Avenue Investments LLC
89 Wauregan Road
Brooklyn, CT 06234

**SUBJECT: FILE #20000253 -- MADISON AVENUE #DL#9, MAP #103, BLOCK #31, LOT #6I,
THOMPSON, CT**

Dear Madison Avenue Investments LLC:

The subject plan (KILLINGLY ENGINEERING ASSOC., MADISON AVE INVEST LLC, JOB# 15048, DRAWN 04/15/2020) submitted on 4/20/2020 has been reviewed, as requested. Following completion of this review, it has been determined that the subject plan will meet the requirements of the Technical Standards for a 3 bedroom house based on the following:

1. CT licensed surveyor must stake house, benchmark, and septic system, offset stakes to include flow line or bottom of trench elevation.
2. Permanent benchmark to be set within 50 feet horizontally and 12 feet vertically of septic system.
3. A bottom of excavation inspection is required once the topsoil has been removed.
4. A current sieve analysis of select fill material (within past 30 days) must be submitted to the Northeast District Department of Health (NDDH).
5. Select fill is to be perced once in place.
6. An Installer's As-Built drawing (to include ties to the house) is to be submitted following the final inspection and approval of installation by NDDH.
7. Installer to schedule and be present for the final inspection with NDDH staff. Level to be set up for verification of elevations OR an Engineer's As Built will be required.

This letter is NOT to be construed as an APPROVAL TO CONSTRUCT the septic system and DOES NOT indicate that the Northeast District Department of Health endorses approval for issuance of any building permit.

Prior to the start of construction of the septic system, you must apply for your Approval to Construct Permit and submit the applicable fees to this office. A set of the floor plans of your house must be submitted to NDDH for review. Your CT licensed installer must come in to this department to sign for the permit if we do not have his signature on file. Office hours are Mon - Thurs 8 am - 4 pm, Fri 8 am - Noon.

THE OWNER IS RESPONSIBLE TO SEEK PROPER AUTHORIZATION FROM ALL TOWN AGENCIES PRIOR TO START OF CONSTRUCTION.

Should you have any questions, please do not hesitate to contact this office.

Sincerely,

Sherry McGann, RS
Registered Sanitarian ~ NDDH

cc: Thompson Building Official; Killingly Engineering Assoc.



Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete and mail this form in accordance with the instructions on pages 2 and 3 to:

DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3rd Floor, Hartford, CT 06106

Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

PART I: Must Be Completed By The Inland Wetlands Agency

1. DATE ACTION WAS TAKEN: year: _____ month: _____
2. ACTION TAKEN (see instructions, only use one code): _____
3. WAS A PUBLIC HEARING HELD (check one)? yes ☐ no ☐
4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:
(print name) _____ (signature) _____

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

5. TOWN IN WHICH THE ACTION IS OCCURRING (print name): THOMPSON
does this project cross municipal boundaries (check one)? yes ☐ no ☒
if yes, list the other town(s) in which the action is occurring (print name(s)): _____
6. LOCATION (see instructions for information): USGS quad name: THOMPSON or number: _____
subregional drainage basin number: 3300
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): MADISON AVENUE INVESTMENTS, LLC
8. NAME & ADDRESS / LOCATION OF PROJECT SITE (print information): MADISON AVENUE - LOT 9
briefly describe the action/project/activity (check and print information): temporary ☐ permanent ☒ description: _____
9. ACTIVITY PURPOSE CODE (see instructions, only use one code): B
10. ACTIVITY TYPE CODE(S) (see instructions for codes): 12, 14, _____, _____
11. WETLAND / WATERCOURSE AREA ALTERED (must provide acres or linear feet):
wetlands: 0 acres open water body: 0 acres stream: 0 linear feet
12. UPLAND AREA ALTERED (must provide acres): 0.7 acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): 0 acres

DATE RECEIVED:

PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO

March 30, 2020

Received

MAR 30 2020

Thompson Wetlands Office

Gavin Paquette
36 Terrace Dr
Thompson CT 06277
860-576-3214

To: Thompson Conservation Commission

I am writing to request a six month extension to my wetlands permit for a drive way from my property at 38 Terrace Dr out to Sunset Hill Road. If you have any questions, I can be reached at the above phone number. Thank you and stay healthy.

Sincerely,
Gavin Paquette



Town of Thompson
INLAND WETLANDS COMMISSION
815 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CT 06255

INLAND WETLANDS PERMIT IWA15004

APPROVAL GRANTED TO:

Frog Rock, LLC
36 Terrace Dr.
Thompson, CT 06277

DATE OF APPROVAL: April 14, 2015

EXPIRATION DATE: April 14, 2020

LOCATION OF AUTHORIZED ACTIVITY: 0 Sunset Hill Rd., Assessor's Map 103, Block 40, Lot 3E

DESCRIPTION OF AUTHORIZED ACTIVITY: To conduct regulated activities associated with the construction of a driveway from Sunset Hill Road across wetlands/watercourses for existing residence that is currently accessed through 36 Terrace Dr. as shown in Inland Wetlands Application IWA15004 stamped received by the Thompson Wetlands Office February 3, 2015 and as shown in drawing(s) entitled "Frog Rock, LLC Re-Subdivision, Sunset Hill Rd., Thompson, Connecticut, February 2, 2015" prepared by J & D Civil Engineers, LLC dated February 2, 2015, (6 sheets).

The Thompson Inland Wetlands Commission (Commission), according to Section 11 of the Inland Wetlands and Watercourses Regulations of the Town of Thompson hereby grants to the person named above a permit to conduct regulated activities as described above.

PERMIT CONDITIONS:

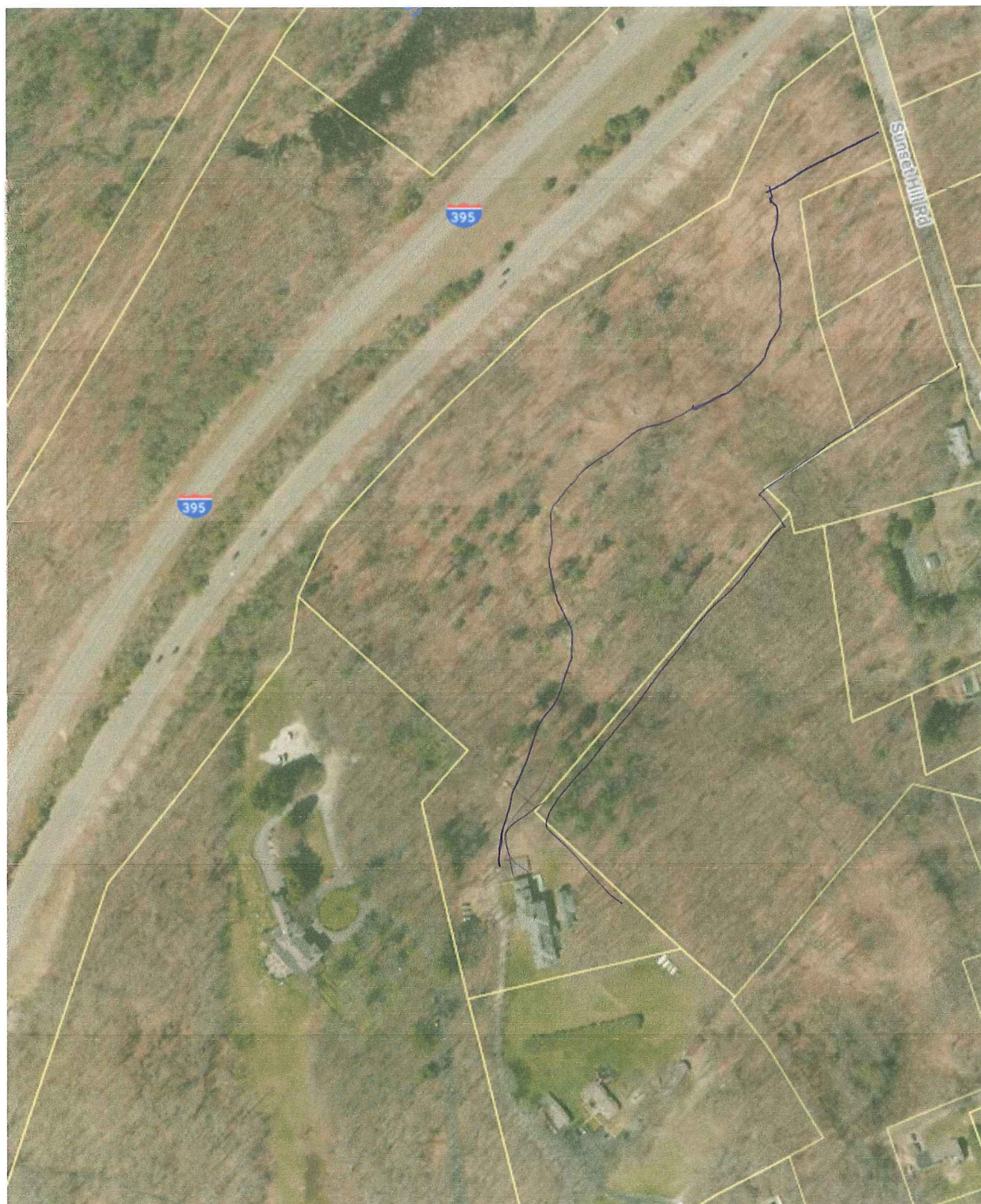
1. If the authorized activity also involves an activity or a project which requires zoning or subdivision approval, special permit, variance, or special exception, then no work pursuant to this approval may begin until such other approval is obtained. (See section 11.10.c. of the Inland Wetlands and Watercourses Regulations of the Town of Thompson)
2. This permit 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.
3. The Thompson Wetland Agent/Commission must be notified in writing one week prior to the beginning of any regulated activities. Please use the enclosed card.
4. 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.)

Commission Chair: _____

[Signature]

Dated: _____

4/14/15





**Town of Thompson
Inland Wetlands Commission**

815 Riverside Drive
North Grosvenordale, CT 06255
860-923-1852 Office
Email: wetlands@thompsonct.org

NOTIFICATION TO MODIFY CEASE AND RESTORE ORDER

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

March 16, 2020

Scott Josey
637 East Thompson Road
Thompson, CT 06277

RE: FINAL DECISION ON CEASE AND RESTORE ORDER #VIOL20003
NOTICE TO AMEND ORDER
637 EAST THOMPSON RD (ASSESSOR'S MAP 154, BLOCK 5, LOT 14)

Dear Mr. Josey,

On March 10, 2020 following the close of a hearing held by the Thompson Inland Wetlands Commission to provide you with an opportunity to show cause why Cease and Restore Order #VIOL20003 issued on March 5, 2020 the Commission discussed the matter and voted to amend the above referenced order as follows:

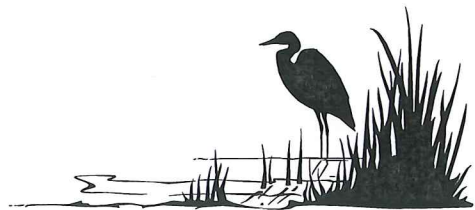
1. (NEW) By April 21, 2020 a report from a qualified soil scientist shall be submitted to the Commission for its review containing information on the extent of wetlands filled and the action to be taken to remediate those wetlands.
2. The date of April 1, 2020 stated in Action Item # 1 is changed to May 11, 2020.

These are the only amendments to Cease and Restore Order VIOL20003 made by the Commission and all other requirements remain in effect.

Failure to comply with the provisions of this order will subject you to the penalties provided in section 22a-44 of the Connecticut General Statutes.

Sincerely,

Marla Butts
Thompson Wetlands Agent



Date: 05/10/2020 [06:36:09 PM CDT]
From: Gibson Environmental Services <roger@gibson-environmental.com>
To: wetlands@thompsonct.org
Cc: 'Scott Josey' <sjosey4517@aol.com>
Subject: RE: Final Decision on Cease & Restore Order VIOL20003, Scott Josey, 637 E. Thompson Rd, Thompson

Marla,

Attached please find the report as requested. A little slow getting out due to the stay at home orders. I expected to see more impacted wetlands but the 2 depressional marshes seem to draw down significantly during the summer. Dogwoods were growing in 2 feet of water which they normally only can be inundated about 25% during the growing season.

I believe the restoration is a good compromise. The restoration is not to permit vehicle traffic and if such then permits and a proper engineered plan would need to be developed and approved.

Thank you,
Roger

Roger J. Gibson Jr. PWS, CPESC, Soil Scientist

370 Porter Pond Road
Moosup, CT 06354
(860) 836-1081
roger@gibson-environmental.com

-----Original Message-----

From: wetlands@thompsonct.org <wetlands@thompsonct.org>
Sent: Monday, April 27, 2020 12:41 PM
To: Gibson Environmental Services <roger@gibson-environmental.com>
Cc: George O'Neil, IWC Chair <goneil3@thompsonct.org>
Subject: Final Decision on Cease & Restore Order VIOL20003, Scott Josey, 637 E. Thompson Rd, Thompson

Hi Roger, FYI, attached is a scan of the final decision notification sent to Scott Josey. I expect the Inland Wetlands Commission will be holding it's regular scheduled meeting of May 12, 2020 via ZOOM and expect them to discuss the next actions to be taken by them (or me) depending on what they receive in response to the final decision on the Cease & Restore Order. The agenda will be posted on the Town's webpage and will contain an invitation link to the meeting. Hopefully, Mr Josey or you will have forwarded an electronic version of your report by then. Till then be safe and stay well. - Marla Butts, Thompson Wetlands Agent

--

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

Soil Scientist Report and Recommended Restoration

637 East Thompson Rd, "Access Road"

March 16, 2020 Cease and Desist Order

This investigation was at the request of Scott Josey, the homeowner in response to a March 16, 2020 final order by the Thompson Inland Wetland and Watercourse Commission to determine the amount of wetlands that were filled and to develop a restoration plan. The site was visited on April 15 and May 5, 2020.

A high intensity soil delineation was completed consistent with the standards set by the National Cooperative Soil Survey of the United States Department of Agriculture, National Resources Conservation Service (NRCS). Connecticut defined wetlands were delineated as to their soil drainage classification of poorly drained, very poorly drained, alluvial or floodplain soil types as defined by the National Resources Conservation Service (NRCS).

Soils in the upland areas are mainly of the Hinckley series, an excessively drained soil type of sand and gravel. The access road consists of this type. When saturated during flooding, it can become loose and erodible as shown in previous exhibit photos of vehicle traffic. The access road lies between two depressional wetlands that hold a significant amount of flood storage capacity. The easterly depressional marsh floods over the access road to the westerly marsh during the spring and recedes up to two feet as indicated by the area vegetation and soil types.

Soil borings were conducted to determine the depth of recent fill. Borings were completed adjacent to the road fill to determine if wetlands existed across the access road. The access road itself was to previously disturbed to decide. The previous deep rutting in the access road caused ponding within the ill-maintained access. No wetland soils were found at the toe of the access road. Restoration includes removing some fill that was placed along the wetland perimeter as shown in the included Photographic Log.

Restoration also includes managing the stormwater flow across the access road during flooding conditions. It is a non-engineered solution recommended and used by the U.S. forestry service in such cases, creating a ford. This proposed shallow but wide depression will permit a better managed flow than what previously existed. The failure of the previously used access was mainly due to its use during wetter conditions. This recommendation is for non-vehicle usage except for ATV usage during dry and firm substrate periods.

Sincerely,



Roger J. Gibson, Jr., PWS, CPESC, HAZWOPER
Connecticut certified soil scientist
860.836.1081

PHOTOGRAPHIC LOG

Client Name:

Scott Josey

637 East Thompson Road
East Thompson, CT

Project Assignment:

Determine if wetlands were filled and provide a restoration plan.

Photo No. Date:

1

5/5/2020

Direction of Photo Taken:

Northwest

Description:

High water condition. Water levels approximately 2' higher than in the normal growing season as indicated by the depth of water within the adjacent dogwoods and soil indicators. Excessively drained Hinckley soil types used in access road typical in surrounding area. Need to manage the flow across access road and limit crossing during flooding conditions. No wetlands found filled along access road.



Photo No. Date:

2

5/5/2020

Direction of Photo Taken:

North

Description:

Restoration: Cut back slope along undisturbed vegetated area as shown.



Cut back filled slope leaving shrubs intact

PHOTOGRAPHIC LOG

Client Name:

Scott Josey

637 East Thompson Road
East Thompson, CT

Project Assignment:

Determine if wetlands were filled and provide a restoration plan.

Photo No. Date:

3

5/5/2020

Direction of Photo Taken:

North

Description:

Numerous soil borings were conducted to determine the depth of gravel fill and wetland soil types. Depth to water was 6 inches making observations challenging. Water level recedes significantly during growing season. Redox indicated at 20"



Photo No. Date:

4

5/5/2020

Direction of Photo Taken:

Southwest

Description:

Restoration: Remove fill within the area shown 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 for non-vehicle usage with the exception of ATV usage during non-flooding/drier conditions. Recommend conducting removal later this summer. Currently stable with little sedimentation to marsh.



**TOWN OF THOMPSON
INLAND WETLANDS COMMISSION
815 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CT. 06255**

BYLAWS OF THE THOMPSON INLAND WETLANDS COMMISSION

Revised for Approval May 12, 2020

ARTICLE I PURPOSE AND AUTHORIZATION

The objectives and purposes of the Town of Thompson Inland Wetlands Commission are those set forth in the Connecticut General Statutes section 22a-36 through 22a-45, as amended, and those powers and duties delegated to the Town of Thompson Inland Wetlands Commission by the aforementioned statutes and by ordinances enacted by the Town of Thompson in accordance with its regulations established there under (hereafter referred to as "the IWC Regulations").

ARTICLE II NAME

The Commission shall be known as the Thompson Inland Wetlands Commission.

ARTICLE III OFFICE OF AGENCY

The office of the Thompson Inland Wetlands Commission shall be the Municipal Building at 815 Riverside Drive, North Grosvenordale, CT, where all Commission records will be kept.

ARTICLE IV MEMBERSHIP

1. The membership, terms of members and the filling of vacancies shall be as specified in the ordinance adopted on May 20, 1974 as amended May 6, 2019 establishing the Commission and the aforementioned general statutes. The number of members shall be five (5) and two (2) alternates, with terms of office of five (5) years for staggered terms of five (5) years beginning on March 15th wherein no more than two (2) terms expire in the same calendar year.
2. Resignations from the Commission shall be in writing and transmitted to the Chair, who will then forward it to the Board of Selectmen and the Town Clerk.
3. The Chair may recommend to the Board of Selectmen the removal of any member who misses more than 50% of the Commission's regular meetings in a calendar year.

ARTICLE V OFFICERS AND THEIR DUTIES

1. The officers of the Commission shall consist of a Chair, Vice-Chair, and a Treasurer.

2. The Chair shall preside at all meetings and hearings of the Commission and shall have the duties normally conferred by parliamentary usage on such officers. The Chair shall have the authority to seat alternates, appoint committees, call special meetings, establish the agenda, and generally perform other duties as may be prescribed in these bylaws.
3. The Chair shall have the privilege of discussing all matters before the Commission and of voting thereon.
4. In the absence of the Chair, the Vice-Chair shall preside and have all the powers and duties of the Chair as stated in these bylaws. In the event that the Vice-Chair is acting Chair at the start of the meeting, he or she shall remain as Chair throughout the entire meeting.
5. The Treasurer shall be responsible for reporting on account balances in the Commission's budget at its regular meetings and shall on the request of the Commission conduct an investigation of expenditures from the inland wetlands budget and report to the Commission with the results of the requested investigation. The Treasurer may from time to time conduct an investigation of expenditures from the inland wetlands budget and report to the Commission any concerns regarding such expenditures.

ARTICLE VI STAFF AND THEIR DUTIES

1. The Commission may by a majority vote appoint a duly authorized agent to carry out specific functions and duties as prescribed by the Commission. These duties may include:
 - a) making determinations of regulated activities except for those identified in section 4 of the IWC Regulations and issuing wetlands agent approvals provided the duly authorized agent has provided proof of completing the comprehensive training program developed pursuant to § 22a-39(1) of the Connecticut General Statutes;
 - b) issuing enforcement orders;
 - c) making permit compliance inspections;
 - d) investigating complaints; and
 - e) authorize the expenditure of funds up to \$100 without the prior approval of the Commission.
2. The duly authorized agent shall make a report to the Commission at its regular meeting. Such report shall consist of a list and description of all determination, approvals and activities performed.
3. Any determination or approval made by the duly authorized agent is subject to approval by the Commission.
4. The Commission shall include in its annual fiscal budget proposal funding for a Recording Secretary who may be hired by the chief elected official. The Recording Secretary shall in coordination with the Chair or the duly authorized agent produce and file agendas, minutes, draft and arrange for the publication of legal notices, draft permits for approved applications, keep records of the Commission all in accordance with the Freedom of Information Act (Chapter 14 of the Connecticut General Statutes), the Inland Wetlands and Watercourses Act (§ 22a-36 through 22a-45 of the Connecticut General Statutes) and other applicable statutes

and perform other such duties as may be identified in a job description for the Recording Secretary.

ARTICLE VII ELECTION OF OFFICERS

1. An Annual organizational meeting shall be held on the second Tuesday in April at which time officers will be elected and bylaws reviewed and be made a part of the minutes of the annual meeting. A majority of the members must be present before election of officers can take place.
2. Nominations shall be made from the floor at the annual organizational meeting and elections of the officers specified in Section 1 of Article V shall follow immediately thereafter.
3. A candidate receiving a majority vote of those present shall be declared elected and shall serve for one year or until his successor shall take office.
4. Vacancies in offices shall be filled by election at a meeting warned for the purpose.

ARTICLE VIII MEETINGS

1. In the event that both Chair and Vice-Chair are absent at the start of a meeting, the Treasurer shall preside and have all the powers and duties of the Chair as stated in these bylaws and he or she shall remain as Chair throughout the meeting.
2. Alternates shall be seated by the Chair as regular members in alphabetical order by last name on a rotating basis. Unseated alternates may take part in Commission discussions but shall not vote except for election of officers.
3. An annual schedule of regular meetings shall be adopted at the November meeting for the following calendar year to be forwarded to the Town Clerk for filing under the Freedom of Information Act (see § 1-225(b) of the Connecticut General Statutes). Regular meetings will be scheduled for the second Tuesday of every month at 7:00 P.M. in a municipal building except when there is a conflict with holidays or other events. Conflicts may be resolved by scheduling a regular meeting to an alternative date or alternatively by cancelling the regularly scheduled meeting and holding a special meeting in accordance with the requirements of the Freedom of Information Act (see § 1-225 of the Connecticut General Statutes).
4. Three (3) members constitute a quorum and no action on an agenda item may be taken in the absence of a quorum. If a member recuses himself/herself from any agenda item that results in a lack of a quorum, then no business on that item may be transacted.
5. All Commission meetings shall be open to the public unless closed by a two-thirds vote of the members present for an executive session.
6. Executive sessions closed to the public shall be limited to types of discussions specified in the state Freedom of Information Act, including but not limited to the following:

- a) Specific employees (unless the employee agrees to an open session);
 - b) Strategy relating to negotiations regarding pending claims to litigation;
 - c) Security matters;
 - d) Real estate acquisition
7. The Chair shall govern the proceedings at the meetings of the Commission using as a guide Robert's Rules of Order, 11th edition in all cases to which they are applicable and in which they are not inconsistent with these bylaws and any special rules of order the Commission may adopt.

ARTICLE IX CONFLICT OF INTEREST AND DISQUALIFICATION

No member of the Commission shall participate as a Commission member in a hearing or decision of the Commission upon any matter in which he/she (or any member of his/her immediate family) is directly or indirectly involved financially and/or is an abutter of the property in question. If a member declares a conflict of interest, he/she must state that they have this interest and abstain from voting.

ARTICLE X ORDER OF BUSINESS

1. Unless otherwise determined by the Chair, the order of business at regular meetings shall be:
 - A. Call to Order & Role Call
 - B. Appointment of Alternates
 - C. Action on Minutes of Previous Meetings
 - D. Citizen's Comments Pertaining to Agenda Items
 - E. Applications
 - a. Old Applications
 - b. New Applications
 - c. Applications Received After Agenda was Published
 - F. Permit Extensions / Changes
 - G. Active Violations and Pending Enforcement Actions
 - H. Other Business
 - I. Reports
 - a. Budget and Expenditures
 - b. Wetlands Agent Report
 - J. Correspondence
 - K. Signing of Mylars
 - L. Comments by Commission
 - M. Adjournment
2. A motion from the floor must be made and passed by a majority vote of the Commission members present in order to dispense with any item on the agenda or change the order of business.

ARTICLE XI PUBLIC HEARINGS

1. A public hearing shall only be held by the Commission on any application in accordance with section 9 of the IWC Regulations and § 8-7d of the Connecticut General Statutes. All applications, maps, and documents relating to the hearing shall be open for public inspection. Any person may appear and be heard at any public hearing.
2. Where possible, public hearings shall be completed in a single session. However, the hearing may be continued (to a date and place certain) where necessary for the full development of the evidence, for the full participation of the parties, or for such other substantial purposes, provided that the public hearing shall be completed within thirty-five (35) days from the date it commenced, unless the applicant consents to an extension. Verbal notice at the public hearing as to the date and place where the continuation will take place shall be considered sufficient notice to interested parties.

ARTICLE XII CONDUCTING THE PUBLIC HEARING

1. If a recording by a sound-recording device is made at the direction of the Commission, then such recording shall be maintained as a public document in accordance with the Freedom of Information Act and § 7-109 of the Connecticut General Statutes. An order of presentation and documents offered shall be submitted into the minutes of the Commission.
2. An officer of the Commission shall preside as Chair at the public hearing in accordance with Article V and Article VIII of these bylaws.
3. At the opening of the public hearing the Chair shall state a summary of the question or issue that is the subject of the public hearing and shall describe the method of conduct of the hearing including the order presentations, the reading of the legal advertisement and the involvement of the public at the hearing.
4. Comments shall be limited to the subject advertised for hearing.
5. Each party and members of the public shall make their presentation as provided for in the Chair's opening statement in succession without allowing an interruption of comments pro or con.
6. The Chair shall make clear to the hearing participants that all questions and comments must be directed through the Chair only after being properly recognized.
7. All persons recognized shall approach the hearing table in order to facilitate proper recording of comments. Before commenting on the matter before the hearing, each persons shall give his/her name and address.
8. The Chair shall assure an orderly hearing and shall take necessary steps to maintain the order and decorum of the hearing at all times. The Chair shall reserve the right to terminate the hearing in the event the discussion becomes unruly and unmanageable.

9. The polling of persons present at the hearing shall not be allowed on any general question presented to the Commission or applicant at the public hearing. The hearing shall be conducted only for the purpose of taking testimony to be considered in deliberations during the regular meeting of the Commission.

ARTICLE XIII THE HEARING RECORD

1. The hearing record shall consist of the following:
 - a) any recording of the hearing made at the direction of the Commission;
 - b) minutes of the hearing; and
 - c) all physical evidence and material received (i.e.: legal documents, reports, plans, etc).
2. Reports, documents, and plans received at previous meetings may be entered into the record of the public hearing.
3. Decisions shall be based solely on the contents of the hearing record. Documentary evidence not entered into the record of the hearing shall not be considered when rendering a final decision.

ARTICLE XIV COMMITTEES

Committees may be appointed by the Chair for purposes and terms that the Commission approves.

ARTICLE XV EMPLOYEES

Within the limits of the funds available for its use, the Commission may seek the employment of such staff personnel and/or consultants as it sees fit to aid the Commission in its work. Appointments shall be made by the Board of Selectmen.

ARTICLE XVI AMENDMENTS

These bylaws may be amended by a majority (3) vote of the entire voting membership of the Commission only after the proposed change has been read and discussed at a previous regular meeting except that the bylaws may be changed at any meeting by the unanimous vote of the entire voting membership (5) of the Commission.