INLAND WETLANDS COMMISSION

TUESDAY, April 12, 2022

ZOOM Meeting

A) Call to Order & Roll Call

B) Appointment of Alternates

Agenda Item C.a.

Action on Minutes of Previous Regular Meeting

Minutes of March 8, 2022

TOWN OF THOMPSON
Inland Wetlands Commission

815 Riverside Drive
P.O. Box 899
North Grosvenordale, CT 06255
Phone: 860-923-1852, Ext. 1
E-MAIL: wetlands@thompsonct.org
www.thompsonct.org

RECEIVED
TOWN OF THOMPSON, CT.
2022 MAR 10 A 11:47
Linda Paradise
TOWN CLERK, ASST

MEETING MINUTES: Tuesday, March 8th, 2022 7:00PM

Via ZOOM Online Meeting Portal

A) The meeting was Called to Order at 7:07 PM by Vice Chairman Charlie Obert.

Members and staff present: Charlie Obert (Vice Chairman), Diane Chapin (Treasurer), Francesca Morano (Commissioner), Marla Butts (Wetlands Agent), Dan Malo (Recording Secretary), and Amy St. Onge (First Selectman).

Members of the public: Daniel Blanchette, Harry Heller, Andrew McCoy, Max Candidus, Jason Lavallee, Marc Baer, and others.

B) Appointment of Alternates – n/a

C) Minutes of Previous Meetings –

The February 8, 2022 Meeting Minutes were accepted with correction, regarding ECCD $1,000 contributory support payment under Other Business. FY reference to the $1,000 payment should have been FY21-22.

D) Citizens Comments on Agenda Items – none

Technical issues with the ZOOM platform persisted for a few moments.
Vice Chairman Charlie Obert thanked everyone present for their patience.

E) Applications

a) Old Applications

1. **IWA21031,** Max Candidus, 0 Sunnyside Drive (Assessor's map 133, block 1, lot 3), construct a driveway and septic system for a new single-family home, portions of which are in wetlands and the 100-foot upland review area, stamped received 11/3/21, statutorily received 11/9/21. 30-day extension granted via email 2/11/22.

Daniel Blanchette of J&D Civil Engineers discussed revisions to the site plan: The driveway was relocated to hug the south property line; a rip-rap slope was added by the open water, reducing wetlands disturbance in half; a second pipe was added halfway up the driveway to capture ¼ of home and driveway runoff. The stone wall by the septic area will be repaired help prevent runoff to the pond. Vice Chairman Charlie Obert asked if any specific landscaping had been determined for the site—It was his wish to see the property maintained in a native state, noting that this type of area is rapidly disappearing and once gone, they are gone forever. Daniel Blanchette has not discussed a landscaping plan with his client. Max Candidus will be purchasing and merging with the adjacent Orchard Hill lot to prevent development. Wetlands Agent Marla Butts advised that a decision on the application must be rendered at this meeting. It was her opinion that absent of not building on the site, that the proposed site plan presented strong considerations of the Commissions concerns. Fran Morano made a motion to approve the application. Diane Chapin seconded. **The motion was unanimously APPROVED.**

2. **IWA22002**, Strategic Commercial Realty, Inc., 0 West Thompson Rd (Assessor's map 65, block 101, lot 9) earthmoving associated with the mining 1 Million cubic yards of earth materials, portions of which are in the 100-foot upland review area, stamped received 1/6/22, statutorily received 1/11/22. An extension of an additional 30 days was granted by the applicant.

   Marla Butts discussed a depiction of critical habitat on Natural Diversity Database (NDDB) mapping near the project site and provided explanation from Dawn McKay of the Department of Energy and Environmental Protection (DEEP) as to the definition of a 'critical habitat'. Marla noted that the area was mapped with remote sensing and may not be the actual disposition of the site. Harry Heller, attorney for the applicant, listed (3) questions which need resolution to determine next steps: 1) does the habitat, in fact, exist? 2) if it does, where is it located? 3) will the habitat be impacted by the project?

   A full NDDB application has been submitted to DEEP and is still pending; 2-3weeks have passed without response. Rema Ecological Services has been retained by the applicant to evaluate the area. A representative will be present at the sitewalk tentatively planned for Saturday, March 12 at 9 am. An alternative date may be considered in case of heavy rain or snow. No action was taken on the application

3. **DEC22003**, 1267 Thompson, LLC (Cheryl Popiak, Manager), 1267 Thompson Road (Assessor's map 116, block 24, lot 16A), to replace existing septic tank, construct two stone walls and associated grading for maintenance and enjoyment of a residential home, in addition to the work which was already approved under Wetlands Agent Approval WAA21032.

   The applicant is still awaiting Health Department approval for the septic system. Marla Butts suggested tabling the matter until it can be provided. Matter tabled.

4. **WAA22004**, David Held, 0 New Road (Assessor's map 154, block 5, lot 14A), new single-family home, septic & well in 100-foot upland review area, stamped received 1/25/22, under review.

   No new information has been provided. No action was taken by the Commission.

5. **WAA22007**, Connecticut Superior Stone, LLC, 0 New Rd (Assessor's map 154, block 3, lot 2A), removal of stone walls with potential access road improvements in 100-foot upland review area, stamped received 1/25/22, issued 2/15/22, legal notice published 2/25/22, appeal period ends 3/12/22.

   Interior stone walls have begun to be removed. Cairns and stone walls defining the property boundaries will not be removed. No work will be conducted in wetlands.

b) New Applications – none

F) Applications Received After Agenda was Published – none

G) Permit Extensions / Changes – none

H) Violations & Pending Enforcement Actions

a) **Notice of Violation VIOL21019**, LIS Properties, L.L.C., 715 Riverside Dr. (Assessor's map 63, block 58, Lot 23), unauthorized structures diverting watercourse, flooding Thatcher Rd. & Riverside Dr., issued 7/7/21. Violation is difficult to prove and enforce due to long-term degradation of channel. Marla Butts will send correspondence to the owner, instructing them not to perform work without Commission approval. The Violation is now closed.

b) **Notice of Violation VIOL21023**, Jamie Piette, 0 & 73 Center Street (Assessor's map16, block X, lots H & 2), unauthorized construction of retaining wall and associated backfill in or near Little Pond, issued 8/24/21. Marla presented letters from Normand Thibeault, PE and Greg Glaude, LS regarding the stability of the retaining wall and location of the property lines.

The retaining wall was assessed as structurally sound by Engineer Normand Thibeault. Surveyor Greg Glaude was unable to determine when changes to the shoreline occurred. He noted that the shore should be considered the property boundary, and that it is customary that the boundary line would follow any changes to the shoreline. Marla noted that not enough evidence is available to suggest the removal of the wall. Vice Chairman Charlie Obert asked if the lake association could be notified regarding the need for wetlands permits when conducting activities near wetlands. Marla noted that most of the lake residents are not in the association. Marla recommended that the property owner be asked to maintain the wall as constructed and to file an as-built with the Town. Commissioners concurred.

c) **Notice of Permit Violation VIOL21036**, Permit IWA20022, Marc Baer, 1227 Thompson Rd (Assessor's map 116, block 24, lot 10), grades not as authorized in modified plan approved by the Commission on February 9, 2021. Daniel Blanchette of J&D Civil Engineers reviewed the 8-foot retaining wall, also known as a 'rockery'. He described the wall's compliance with federal design guidelines for rockeries. He noted that the wall is roughly 30 feet from the road and 30 feet from the house foundation and poses no threat to life or property. Property abutters submitted an additional list of concerns. Marc Baer asked if Marla could work with Daniel Blanchette to discuss and address those concerns, some of which relate to driveway runoff. No further action was taken.

I) Other Business

a) Draft Subdivision Regulations – Marla discussed her efforts to review changes to the proposed Subdivision Regulations. She noted that the Planning & Zoning Commission subcommittee is still debating some matters of policy, such as requirements of Homeowner's Associations, Net-buildable lots, and Private Roads vs. Shared Driveways.

b) By-Laws Revisions – matter tabled due to absence of full Commission.

c) Freedom of Information ZOOM training – Marla shared the meeting recording: https://us02web.zoom.us/rec/share/hwMihvCKIR6liUBOEZjc0XeXKywaiY9hc4GR3WCuWoh2KJe XscCwrZsUDihhumYB.htezNnlMSqOaEm7y ; Access Passcode: 9pQ9^eYP

J) Reports

a) Budget & Expenditures – Diane Chapin reported that $110 was encumbered for advertising; the Commission has spent 65.2% of its FY budget. Marla Butts noted that the Selectmen are still in the budget process, though they've accepted the Wetlands budget as presented.

b) Wetlands Agent Report – Marla Butts noted that no progress has been made on MS4 as the Public Works Director recently resigned. No progress has been made on records disposal.

Eastern CT Conservation District has employed Engineer Paul Burgess on a part-time basis. Marla inquired if it was possible for him to conduct outside plan reviews. The question will be posed to ECCD Director Dan Mullins.

Eversource has provided additional information about their project near Teft Brook. There will be no changes to the structures; the brook will be matted where necessary to allow for the movement of a bucket truck.

Jason Lavallee has submitted a proposal for the subdivision of land off of Donavan Drive. The Commission is tentatively scheduled to walk the site on Saturday, March 12.

Numerous inconsistencies of between ordinances and code references have been discovered throughout the General Code revision process, which will need to be resolved.

K) Correspondence – none

L) Signing of Mylars – none

M) Comments by Commissioners – none

N) After completion of the agenda items, Fran Morano made a motion to adjourn the meeting. The motion was seconded by Diane Chapin and carried unanimously at 8:56 PM.

To see/hear the entire meeting via ZOOM, click here to copy and paste into your search bar: https://us02web.zoom.us/rec/share/4eBX6wfCQ1_aPz7E4hYjZtVFtDv3apZzlLhDySZyo1MhfLlh3ql-Cctxxv-wArW4.fH8oAfHtg4Mxpo4H

Access Passcode: 5xu$9iXe

Respectfully submitted, Dan Malo, Recording Secretary

DJM

Agenda Item C.b.

Action on Minutes of Special Meeting Site Walk

Minutes of March 12, 2022

TOWN OF THOMPSON
Inland Wetlands Commission

RECEIVED
TOWN OF THOMPSON, CT.
2022 MAR 15 P 12:38
TOWN CLERK

SPECIAL MEETING MINUTES
SITE WALK
Saturday, March 12, 2022 @ 9:00 AM

On Saturday, March 12, 2022 the Inland Wetlands Commission met to perform a site walk of 0 West Thompson Road (Assessor's map 65, block 101, lot 9) for Application IWA22002 submitted by Strategic Commercial Reality, Inc. The application involves proposed earthmoving work associated with the mining of 1 million cubic yards of earth materials, portions of which are in the 100-foot upland review area. After assembling near the weigh station located on 305 Reardon Road, the participants independently travelled by car into 305 Reardon Rd to an area near the equipment storage shed, where the meeting was called to order at 9:07 am by Inland Wetlands Commission Chair George O'Neil. In attendance were Chair George O'Neil, Commissioners H. Charles Obert, Diane Chapin and Fran Morano, myself, for the applicant Harry Heller, Andrew McCoy, David Held, George Logan, and Sigrund Gadwa and interested citizen Ted Lenky. At the time of the inspection, it was cloudy with a light drizzle. Snow cover was absent.

The group walked southwest within 305 Reardon Road over a large stockpile of material to an old travel way, following the travel way for a short distance to a 24" concrete cross culvert (plan reference "RCP"). Water was flowing through the RCP from north to south towards the French River. Several Commissioners inspected the cross culvert. The group continued southward along the old travel way crossing into 0 West Thompson Rd until the old travel way was crossed by a 12" plastic pipe (plan reference "PVC") with water flowing from west to east towards the French River. The group then travelled westward following the pink wetlands flagging up slope. When the wetlands delineation turned northward the group followed the flagging to the proximate property boundary for 305 Reardon Rd and 0 West Thompson near Wetlands Flag 37. The terminus of the wetlands that is located on 305 Reardon Rd property was viewed. The group then walked back eastward following the wetlands flags back to the PVC cross culvert at the old travel way. Flowing water was noted at several locations in these wetlands but several times the flow disappeared only to reappear further down slope.

The group resumed walking south on the travel way for a distance and then turned east towards the French River and walked to the eastern property boundary arriving at an open water area interspersed with marsh and shrub swamp vegetation. The group then walked northward following the eastern property boundary. Water fowl and numerous deer scats were observed. When the group reached a wetlands corridor in its path it travelled northwest and crossed the wetlands corridor at or about Wetlands Flags 55-56. Continuing in a northern direction the group reached the old travel way just west of the RCP. Members of the group walked back to the equipment storage shed where Chair O'Neil declared the meeting adjourned at 10:35 am. Commissioners left the Reardon Road property to reconvene at the

western boundary for subdivision Lot # 1, Donovan Drive.

At 10:55 am, Chair O'Neil reconvened the meeting. In attendance were Commissioners Morano and Chapin, Jason Lavallee of Lavallee Construction, LLC and myself. It was moderately raining. The group entered Donovan Drive subdivision Lot # 1 from its western boundary travelling east and then north to an area that overlooked a depression internal to the western portion of the lot, this depression contained a small amount of green colored water and an unidentified floating plant growing in the water. Commissioner Morano left the meeting and the remaining group walked westward upslope to view depressions on the neighboring lot. No standing water was seen. The group retraced its steps to Donovan Drive and Chair O'Neil closed the meeting at 11:05 am.

Respectfully submitted,

Marla Butts

Marla Butts
Wetlands Agent

File: 03-12-22 IWC Special Meeting Minutes

Agenda Item C.c.

Action on Minutes of Previous Regular Meeting

Minutes of April 12, 2022

RECEIVED
TOWN OF THOMPSON, CT.
2022 APR 19 A 8:53
Linda Paradise
TOWN CLERK, Asst

TOWN OF THOMPSON
Inland Wetlands Commission

815 Riverside Drive
P.O. Box 899
North Grosvenordale, CT 06255
Phone: 860-923-1852, Ext. 1
E-MAIL: wetlands@thompsonct.org
www.thompsonct.org

MEETING MINUTES: Tuesday, April 12th, 2022 7:00PM

Via ZOOM Online Meeting Portal

A) The meeting was Called to Order at 7:00 PM by Chairman George O'Neil, who announced the protocols for conducting the online meeting.

Members and staff present: George O'Neil (Chairman) Charlie Obert (Vice Chairman), Diane Chapin (Treasurer), Francesca Morano (Commissioner), Marla Butts (Wetlands Agent), and Dan Malo (Recording Secretary).

Members of the public: Harry Heller, Andrew McCoy, Dave Held, Ray Williams, Dale Harger, Valerie Clark, and others.

B) Appointment of Alternates – n/a

C) Minutes of Previous Meetings –

The March 8, 2022 Meeting Minutes were accepted with correction, regarding a wetlands agent approval for Dave Held. The minutes record should read that an agent approval was issued March 3, 2022 and that the appeals period has passed.

The March 12, 2022 Special Meeting Sitewalk Minutes were accepted as presented.

D) Citizens Comments on Agenda Items – none

E) Applications

a) Old Applications

1. **IWA22002**, Strategic Commercial Realty, Inc., 0 West Thompson Rd (Assessor's map 65, block 101, lot 9) earthmoving associated with the mining 1 million cubic yards of earth materials, portions of which are in the 100-foot upland review area, stamped received 1/6/22, statutorily received 1/11/22. A 30-day extension was granted by the applicant. A revised application has been submitted to include 307 Reardon Road.

Wetlands Agent Marla Butts asked the applicant to include 307 Reardon Road on plans, since it is within the project scope. 7200 sf of grading in the upland review area is proposed. Marla mentioned that the applicant is awaiting clarification of the critical habitat on Natural Diversity Database (NDDB) mapping near the project site. Applicant's Attorney Harry Heller stated that he reached out to Dawn McKay of the Department of Energy and Environmental Protection (DEEP) about the designation.

Attorney Heller described an earthen berm and filter fabric system that will be constructed to protect the sensitive area, creating a location where sediment can be captured and removed. No dewatering is anticipated. A chain link fence will be installed at the north and west limits of the property, rather than by project phase. Attorney Heller and Dave Held, Project Engineer for Provost & Rovero, propose to utilize an existing haul road and agreed with Marla Butts that erosion and sediment controls should be installed and monitored along the road. No additional driveway will be constructed. All excavated material will be processed on site.

Dave Held will draft an inspection and reporting program to the Commission's specifications. REMA Ecological Services have been retained to monitor the sensitive area after DEEP's recommendations are provided. Attorney Heller reiterated that the earthen berm would sequester the area and will not alter the hydrological system. Charlie Obert stated that he understands a more polished plan is forthcoming. Attorney Heller requested an extension to the May meeting, and Marla Butts concurred to its prudence, requesting the same.

An additional 30-day extension was granted by the applicant. George O'Neil thanked the applicant for their presentation and Marla Butts for her preliminary review.

b) New Applications – none

F) Applications Received After Agenda was Published – none

G) Permit Extensions / Changes – none

H) Violations & Pending Enforcement Actions

a) **Notice of Violation VIOL21023**, Jamie Piette, 0 & 73 Center Street (Assessor's map16, block X, lots H & 2), unauthorized construction of retaining wall and associated backfill in or near Little Pond, issued 8/24/21. Marla presented letters from Normand Thibeault, PE and Greg Glaude, LS regarding the stability of the retaining wall and location of the property lines.

The retaining wall was assessed as structurally sound by Engineer Normand Thibeault. Surveyor Greg Glaude was unable to determine when changes to the shoreline occurred. He noted that the shore should be considered the property boundary, and that it is customary that the boundary line would follow any changes to the shoreline. Marla recommended that a plan provided by Killingly Engineering Associates be considered the 'as-built' and filed on the Town land records. Charlie Obert made a motion instructing Agent Marla Butts to request that Jamie Piette file the as-built on the land records. The motion was seconded by Fran Morano. **The motion was unanimously APPROVED.**

b) **Notice of Permit Violation VIOL21036**, Permit IWA20022, Marc Baer, 1227 Thompson Rd (Assessor's map 116, block 24, lot 10), grades not as authorized in modified plan approved by the Commission on February 9, 2021. Marla Butts was informed by Daniel Blanchette of J&D Civil Engineers that he had not yet received notification from Marc Baer to proceed. Marla wants to photo document the site. Violation placed on hold until the next meeting.

c) **Notice of Violation VIOL22008**, Rodney Lamay, 0 Quaddick Town Farm Road (Assessor's map 160, block 11, lot 15), unauthorized clearing, cutting & grading in wetlands, issued by Acting Wetland Agent 3/21/2022. Acting Wetlands Agent Dan Malo followed up on complaints of clearing and cutting in wetlands. From the roadway, he observed and photographed tractor tire tracks and clearing. He issued a Violation via Certified Mail instructing Mr. Lamay to attend this Commission meeting. A followup letter will be issued.

I) Other Business

a) Draft Subdivision Regulations – Marla Butts discussed the evolution of Zoning districts to the Commission, related to the issue of Net Buildable Lot, asking "how large must a lot be to provide needs?" She suggested a minimum of 20,000 sf, with concerns about the Downtown Mill Redevelopment and Lake Districts allowing for 4,500 sf lots. Though these lots are intended to be serviced by public sewer and water, she asked the Commission to consider how many of these properties might be nearby significant wetlands, especially along Route 12. She noted that there is no sewer and water availability in the Lake District.

Marla brought up hypothetical scenarios, such as: If the net buildable minimum lot size is merely the minimum required for a septic system, will wetlands be filled to build a house? Charlie Obert asked if a new subdivision is forced to tie into public sewer and water. Marla stated that a subdivision would have to ask to connect to Town services. George O'Neil thanked Marla for her detailed analysis and noted that Zoning Regulations should have environmental concerns, but they don't seem to. George stated that the Planning & Zoning Commission asked for other commissions to provide comment and that Marla is providing direct and informed recommendations. He stated that it is better to be cautious rather than cause irreparable harm. Fran Morano thanked Marla for her efforts. Diane Chapin and Charlie Obert approve of Marla's recommendations to the Planning & Zoning Commission.

b) George O'Neil asked for the Commission's interest in changing the Bylaws and the need for additional public comment on the agenda. He asked if it was appropriate to add the Pledge of Allegiance to the meeting. Charlie Obert agreed that additional public comment time was needed. He felt that the pledge is appropriate in the Seney Room but difficult to accomplish on ZOOM. Fran Morano and Diane Chapin agreed that additional comment time was needed but were undecided on the recitation of the Pledge of Allegiance. Marla Butts noted that that the Pledge of Allegiance is no longer customary in state and municipal proceedings; nor is it considered the business of a regulatory board. Charlie Obert made a motion to modify the agenda to include public comment after 'Other Business' and the motion was seconded by Fran Morano. **The motion was unanimously APPROVED**.

c) A motion to amend the agenda was made by Charlie Obert and seconded by Fran Morano, to elect Commission officers. **The motion was unanimously APPROVED.** A motion to reelect the current slate of officers was made by Charlie Obert and seconded by Fran Morano. **The motion was unanimously APPROVED.**

J) Reports

a) Budget & Expenditures – Diane Chapin reported that $100 was encumbered for advertising; the Commission has $6,602.85 available.

b) Wetlands Agent Report – Marla Butts noted that no progress has been made on MS4.

K) Correspondence – none

L) Signing of Mylars – none

M) Comments by Commissioners –

Charlie Obert looks forward to conducting a thorough review of the proposed mining application. George O'Neil apologized for missing the March meeting.

N) At 9:15 PM, after completion of the agenda, Charlie Obert made a motion to adjourn the meeting. The motion was seconded by Fran Morano. **The motion was unanimously APPROVED.**

To see/hear the entire meeting via ZOOM, copy and paste the following link into your search bar:
https://us02web.zoom.us/rec/share/99zULNBze8lbUiAwS9qTZv41p2YUR6vlARXfgI58hdgtCh0b4efunfx6lvnzCkki.Da4d1-Dji7SWtLWp Access Passcode: #Vi2C^Qk

Respectfully submitted, Dan Malo, Recording Secretary

DJM

Agenda Item D.
Citizens Comments on Agenda Items

Agenda Item E.a) 1. Old Applications

IWA22002, Strategic Commercial Realty, LLC, 0 West Thompson Rd (Assessor's map 65, block 101, lot 9) earthmoving associated with the mining 1 million cubic yards of earth materials, portions of which are in the 100-foot upland review area, stamped received 1/6/22, statutorily received 1/11/22, application revised 3/2/22 to include work in upland review area on 307 Reardon Rd., time extensions granted totaling 65 days to 5/16/22.

PROPOSED EARTH PRODUCT EXCAVATION

AERIAL LOCATION MAP – SCALE: 1" = 300'

AERIAL PHOTOGRAPHY CAPTURED IN THE SPRING OF 2019

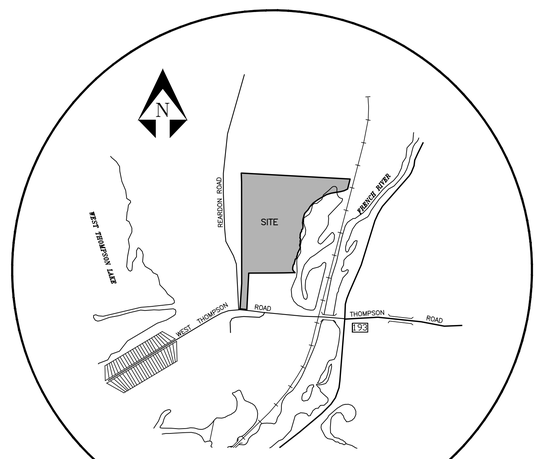
WEST THOMPSON ROAD
THOMPSON, CONNECTICUT

APPLICANT

STRATEGIC COMMERCIAL REALTY, INC.
D/B/A RAWSON MATERIALS
58 POMFRET STREET, SUITE 4101
PUTNAM, CT 06260

OWNER

CHRISTINE M. WALDRON, ET AL.
20 WILTSHIRE DRIVE
WORCESTER, MA 01609



LOCATION MAP
SCALE: 1" = 1000'

STATEMENT OF USE

THE APPLICANT PROPOSES TO EXCAVATE APPROXIMATELY 1 MILLION CUBIC YARDS OF LEDGE ROCK FROM 17± ACRES OF A 31.4 ACRE PROPERTY. REMOVAL OF THE LEDGE ROCK AND RESTORATION OF THE EXCAVATION AREA WILL PREPARE THE SUBJECT PROPERTY FOR FUTURE INDUSTRIAL OR COMMERCIAL DEVELOPMENT.

DIRECTIONS TO THE SITE FROM TOWN HALL

HEAD SOUTH ON RIVERSIDE DRIVE TOWARD MAIN STREET FOR 0.8 MILE TO BLAIN ROAD.

TURN RIGHT ONTO BLAIN ROAD AND CONTINUE FOR 0.1 MILE.

TURN LEFT ONTO REARDON ROAD AND CONTINUE FOR 0.6 MILE.

TURN LEFT INTO THE EXISTING RAWSON MATERIALS EXCAVATION SITE. THE SUBJECT PROPERTY IS DIRECTLY ABUTTING THE EXISTING EXCAVATION TO THE SOUTH.

LEGEND

- # WETLAND FLAG
- TEST PIT
- STONE WALL
- 200 EXISTING INDEX CONTOUR
- 202 EXISTING CONTOUR
- EXISTING TREE LINE
- 200 PROPOSED EXCAVATION CONTOUR
- SILT FENCE OR HAYBALES
- PROPOSED CLEARING LIMITS
- LIMIT OF FLOOD ZONE A (100 YEAR)
- EXCAVATION PHASE LINE

INDEX TO DRAWINGS

TITLE	SHEET No.
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OVERALL SITE PLAN	2 OF 9
PROPOSED SITE PLANS	3–5 OF 9
EXCAVATION CROSS SECTIONS	6–7 OF 9
DETAIL SHEET	8 OF 9
FINAL GRADING PLAN	9 OF 9
PROPERTY SURVEY (PREPARED BY KWP ASSOCIATES)	

PREPARED BY:

Provost & Rovero, Inc.

Civil Engineering • Surveying • Site Planning
Structural • Mechanical • Architectural Engineering

57 East Main Street, P.O. Box 191
Plainfield, Connecticut 06374
(860) 230-0856 - FAX: (860) 230-0860
info@prorovinc.com
www.prorovinc.com

REVISIONS	
DATE	DESCRIPTION

OCTOBER 21, 2021

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

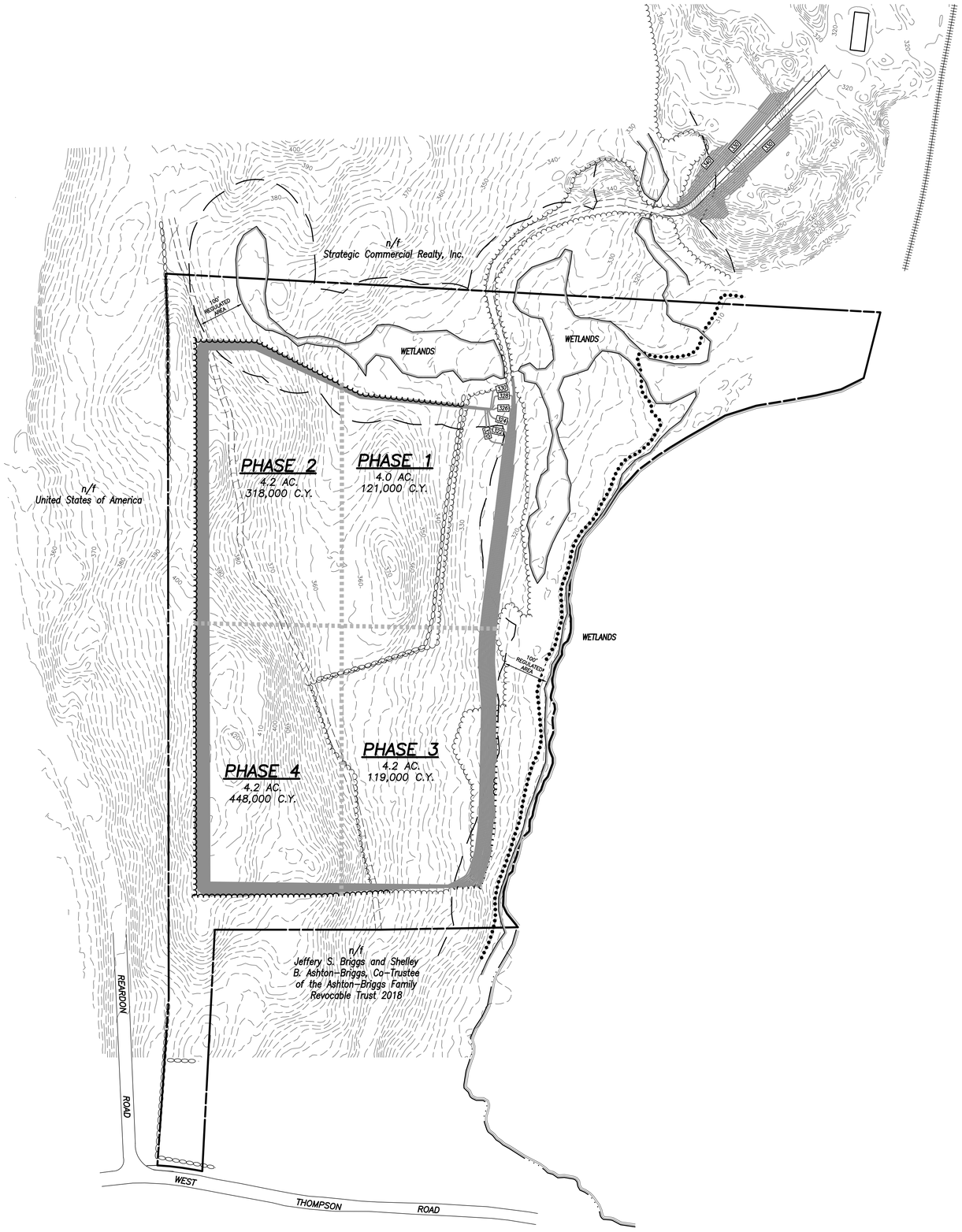
CHAIRMAN DATE

APPROVED BY THE TOWN OF THOMPSON
INLAND WETLANDS & WATERCOURSES AGENCY

CHAIRMAN DATE

ENGINEER DATE

C:\Users\Dave\Desktop\JOBS\213021\Drawings\01 COVER.dwg Jun 06, 2022 - 9:26 AM



LEGEND

- # WETLAND FLAG
- TEST PIT
- STONE WALL
- 200 EXISTING INDEX CONTOUR
- 202 EXISTING CONTOUR
- EXISTING TREE LINE
- 200 PROPOSED EXCAVATION CONTOUR
- SILT FENCE OR HAYBALES
- PROPOSED CLEARING LIMITS
- LIMIT OF FLOOD ZONE A (100 YEAR)
- EXCAVATION PHASE LINE

N

120 60 0 120
GRAPHIC SCALE IN FEET

SURVEY NOTES:

1. This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Section 20–300b–1 through 20–300b–20 as amended on October 26, 2018;

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

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

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

   – Survey Type: General Location Survey.

2. The subject parcel is shown as Lot 9, Block 101 on Assessor's Map 65.
3. Zone: BDD.
4. Owner of record: Christine M. Waldron, et al.
   20 Wiltshire Drive
   Worcester, MA 01609
5. The intent of this survey is to show existing conditions to support applications for the excavation of earth products.
6. Elevations based on NAVD 1988. Contour interval = 2'.
7. Bearings shown hereon are referenced to CT State Plane Coordinates, NAD83(2011), Epoch 2010.0000.
8. Portions of the subject property are located in flood zone C and portions are located in flood zone A per Flood Insurance Rate Map – Town of Thompson, Connecticut – Windham County – Community Panel Number 090117 0012 B, Effective Date: November 1, 1984.
9. The locations of existing utilities are based on surface evidence and other sources of information. Before any construction is to commence contact "CALL BEFORE YOU DIG" at 1–800–922–4455.
10. Wetlands shown hereon were delineated by Joseph Theroux in June 2021.

MAP REFERENCES

1. "Property Survey – Prepared for – Rawson Materials, Inc. – West Thompson Road – Thompson, Connecticut – Scale: 1" = 100' – Dated: 9/1/2021 – KWP Associates"

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

Certified Soil Scientist Date

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

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

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

OVERALL SITE PLAN

PREPARED FOR

STRATEGIC COMMERCIAL REALTY, INC.

D/B/A RAWSON MATERIALS

WEST THOMPSON ROAD
THOMPSON, CONNECTICUT

REVISIONS	
DATE	DESCRIPTION

DATE: 10/21/2021	DRAWN: DJH
SCALE: 1" = 120'	DESIGN: DJH
SHEET: 2 OF 9	CHK BY: ---
DWG. No: Client File	JOB No: 213021

Provost & Rovero, Inc.

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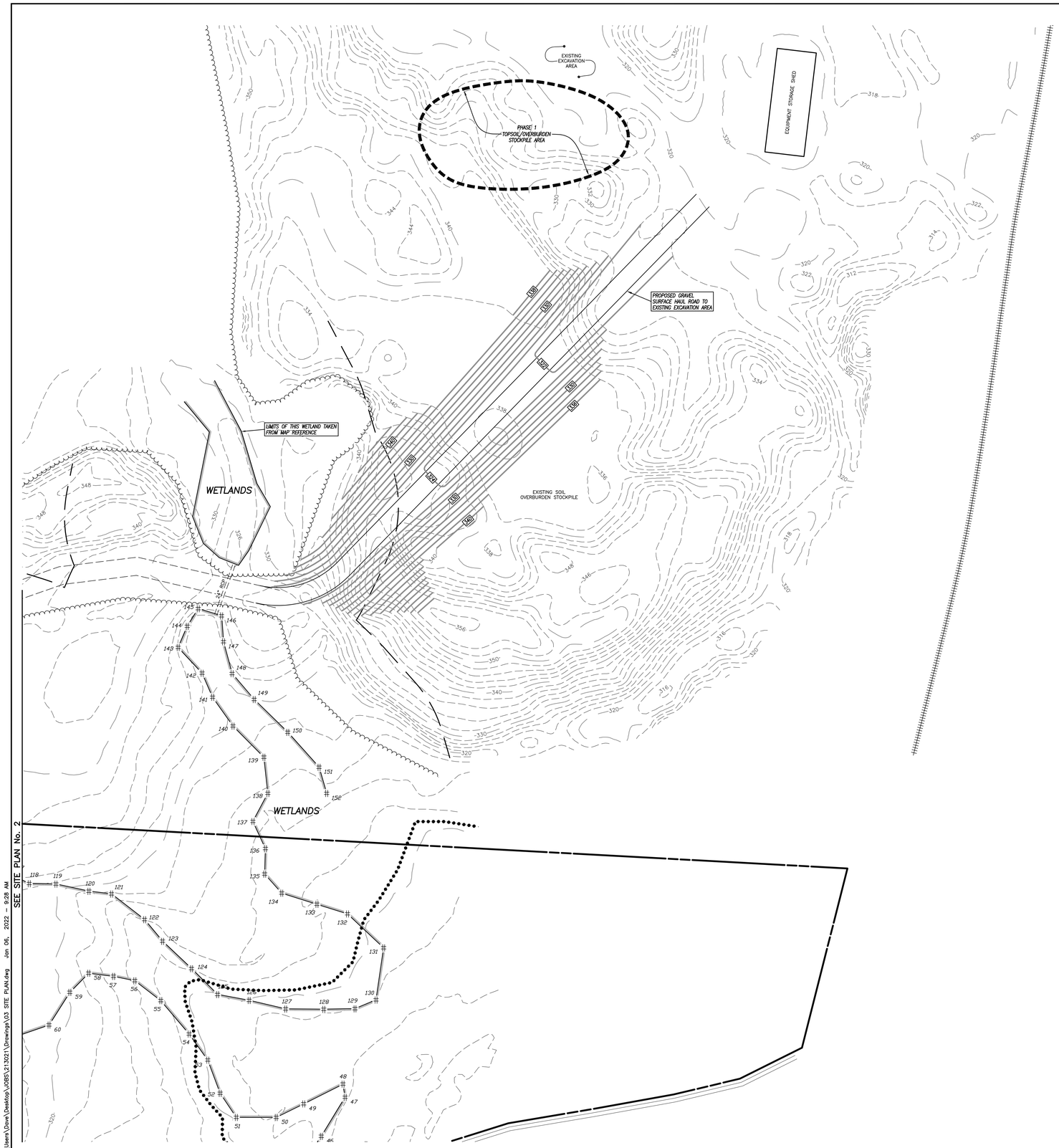

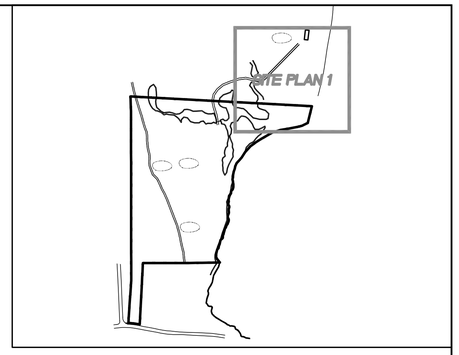

KEY MAP
SCALE: 1" = 600'

N

TEST PIT OBSERVATIONS

March 3, 2021
Observed by: David Held, P.E., L.S.

TEST PIT	DEPTH TO LEDGE
1	4'
2	11'
3	9'
4	5'
5	5'
6	4'
7	5'
8	6'
9	8'
10	7'
11	4'

LEGEND

- # WETLAND FLAG
- TEST PIT
- STONE WALL
- 200 EXISTING INDEX CONTOUR
- 202 EXISTING CONTOUR
- EXISTING TREE LINE
- 200 PROPOSED EXCAVATION CONTOUR
- SILT FENCE OR HAYBALES
- PROPOSED CLEARING LIMITS
- LIMIT OF FLOOD ZONE A (100 YEAR)
- EXCAVATION PHASE LINE

40 20 0 40
GRAPHIC SCALE IN FEET

SEE SITE PLAN No. 2

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SURVEY NOTES:

1. This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Section 20–300b–1 through 20–300b–20 as amended on October 26, 2018;

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

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

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

   – Survey Type: General Location Survey.

2. The subject parcel is shown as Lot 9, Block 101 on Assessor's Map 65.
3. Zone: BDD.
4. Owner of record: Christine M. Waldron, et al.
   20 Wiltshire Drive
   Worcester, MA 01609
5. The intent of this survey is to show existing conditions to support applications for the excavation of earth products.
6. Elevations based on NAVD 1988. Contour interval = 2'.
7. Bearings shown hereon are referenced to CT State Plane Coordinates, NAD83(2011), Epoch 2010.0000.
8. Portions of the subject property are located in flood zone C and portions are located in flood zone A per Flood Insurance Rate Map – Town of Thompson, Connecticut – Windham County – Community Panel Number 090117 0012 B, Effective Date: November 1, 1984.
9. The locations of existing utilities are based on surface evidence and other sources of information. Before any construction is to commence contact "CALL BEFORE YOU DIG" at 1–800–922–4455.
10. Wetlands shown hereon were delineated by Joseph Theroux in June 2021.

MAP REFERENCES

1. "Property Survey – Prepared for – Rawson Materials, Inc. – West Thompson Road – Thompson, Connecticut – Scale: 1" = 100' – Dated: 9/1/2021 – KWP Associates"

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

Certified Soil Scientist Date

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

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

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

SITE PLAN No. 1

PREPARED FOR

STRATEGIC COMMERCIAL REALTY, INC.

D/B/A RAWSON MATERIALS

WEST THOMPSON ROAD
THOMPSON, CONNECTICUT

REVISIONS	
DATE	DESCRIPTION

DATE: 10/21/2021	DRAWN: DJH
SCALE: 1" = 40'	DESIGN: DJH
SHEET: 3 OF 9	CHK BY: ---
DWG. No: Client File	JOB No: 213021

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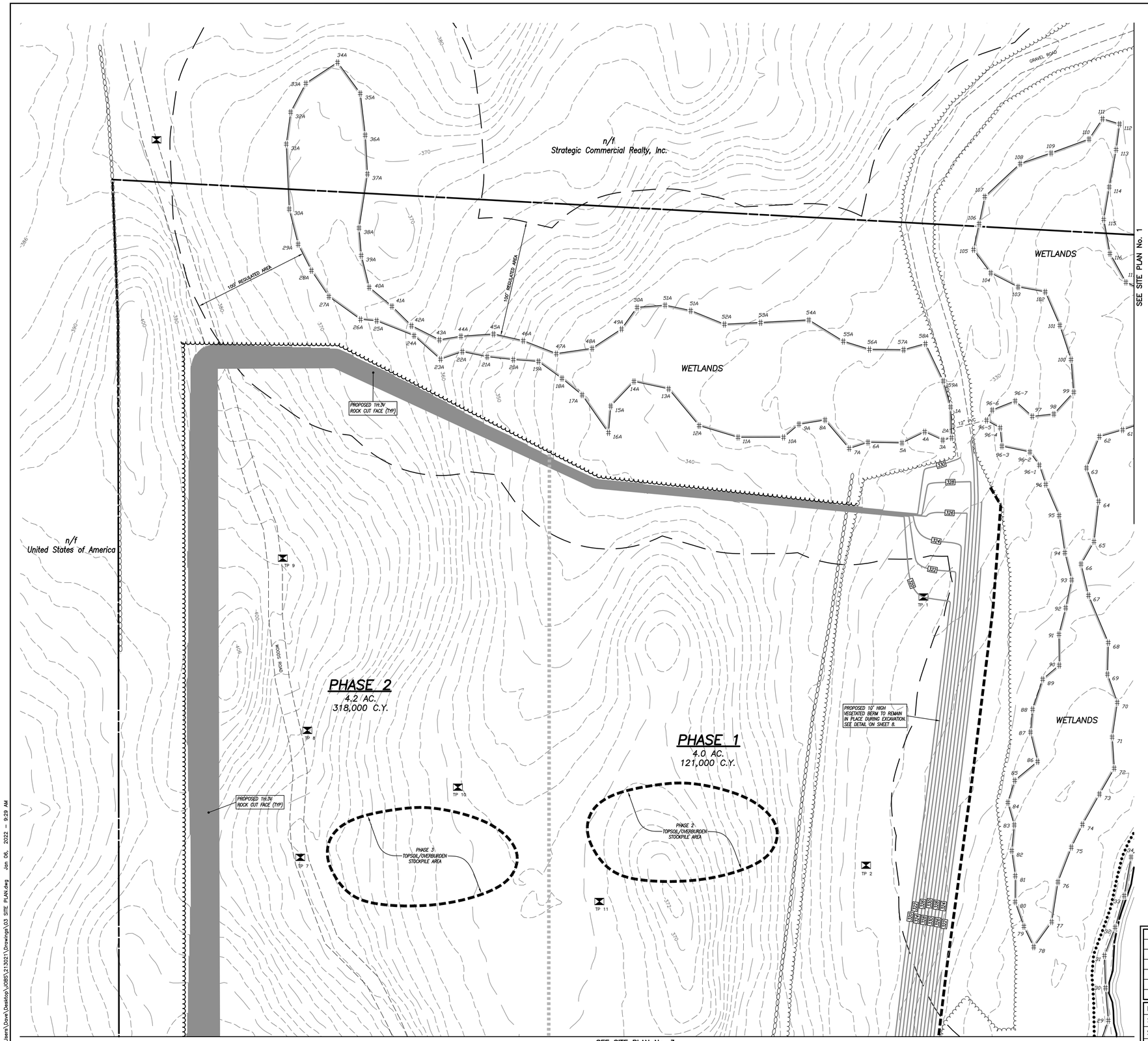

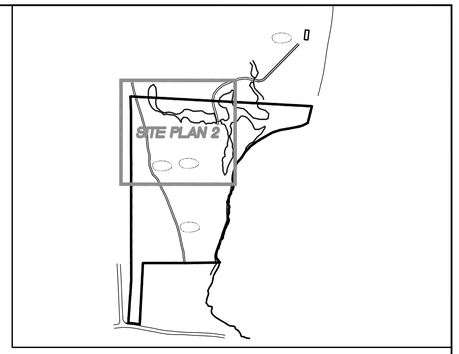

KEY MAP
SCALE: 1" = 600'

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

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SITE PLAN No. 2

PREPARED FOR

STRATEGIC COMMERCIAL REALTY, INC.

D/B/A RAWSON MATERIALS

WEST THOMPSON ROAD
THOMPSON, CONNECTICUT

REVISIONS	
DATE	DESCRIPTION

DATE: 10/21/2021	DRAWN: DJH
SCALE: 1" = 40'	DESIGN: DJH
SHEET: 4 OF 9	CHK BY: ---
DWG. No: Client File	JOB No: 213021

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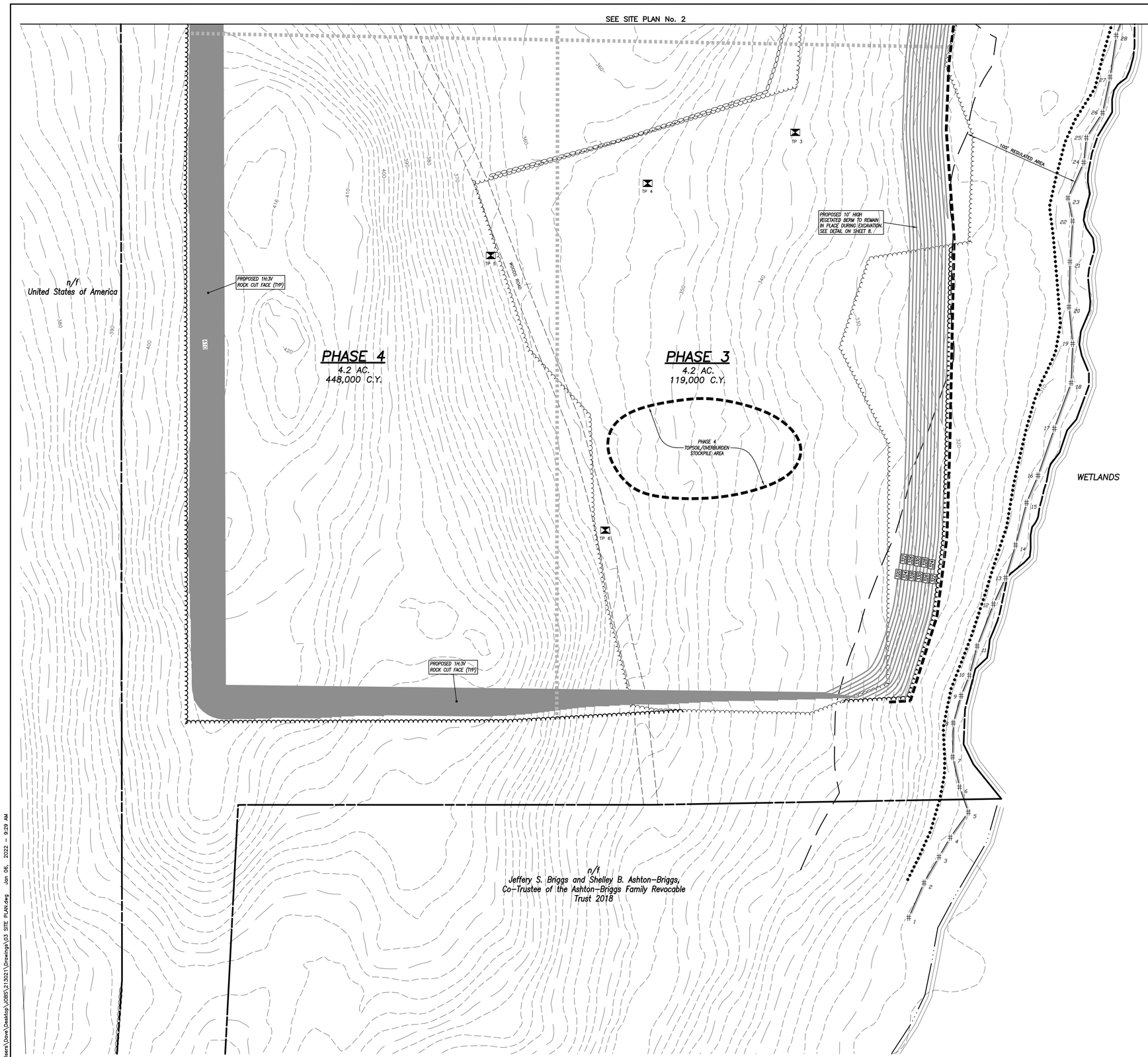

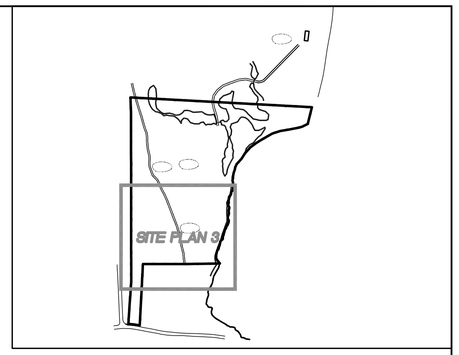

KEY MAP
SCALE: 1" = 600'

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SITE PLAN No. 3

PREPARED FOR

STRATEGIC COMMERCIAL REALTY, INC.

D/B/A RAWSON MATERIALS

WEST THOMPSON ROAD
THOMPSON, CONNECTICUT

REVISIONS	
DATE	DESCRIPTION

DATE: 10/21/2021	DRAWN: DJH
SCALE: 1" = 40'	DESIGN: DJH
SHEET: 5 OF 9	CHK BY: ---
DWG. No: Client File	JOB No: 213021

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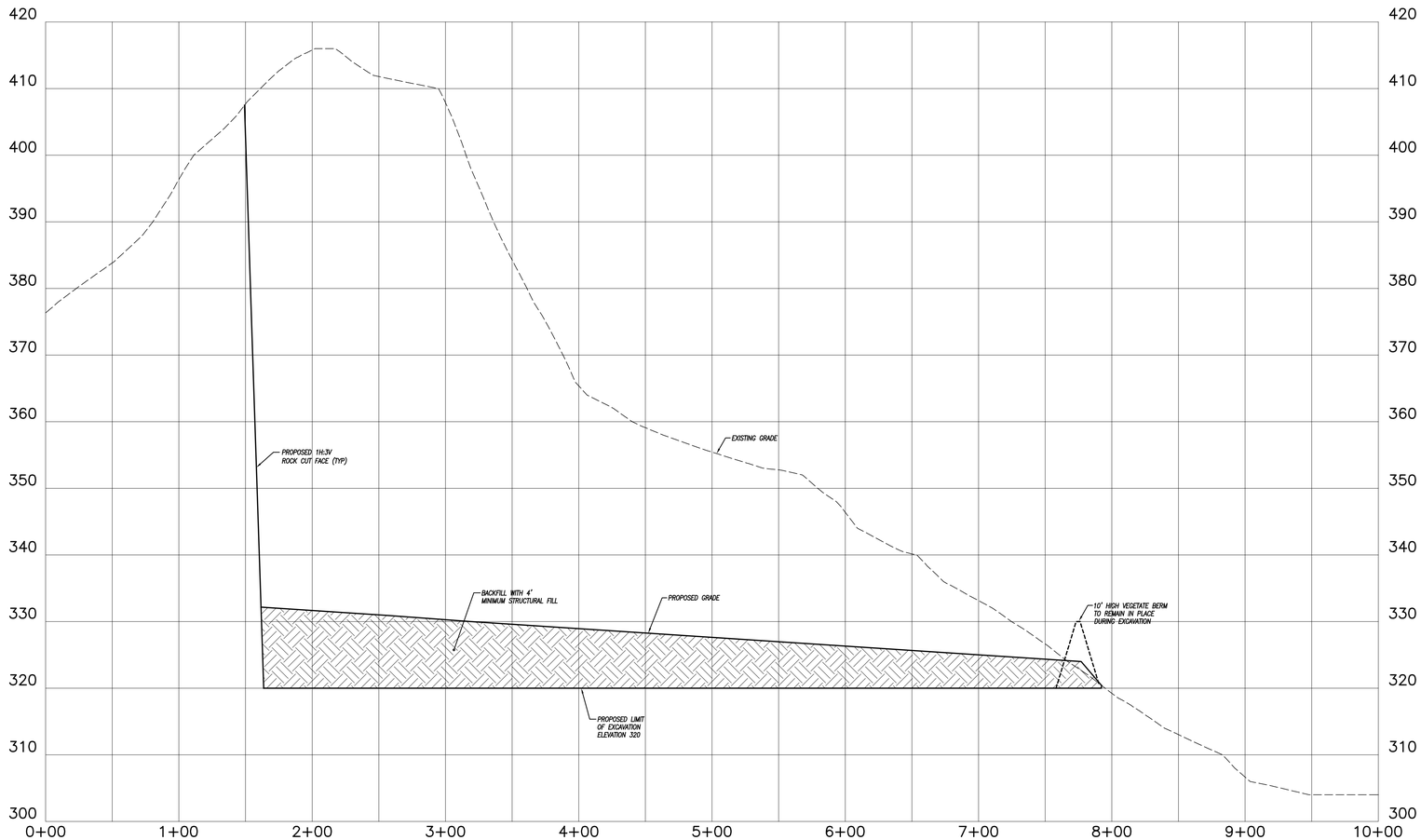
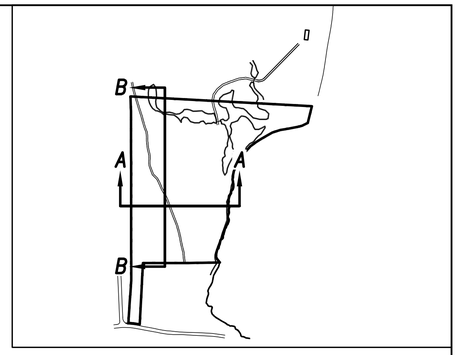


CROSS SECTION A–A

HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 10'



KEY MAP
SCALE: 1" = 600'

HORIZONTAL SCALE IN FEET
50 25 0 50
10 5 0 10
VERTICAL SCALE IN FEET

ENGINEER DATE

REVISIONS	
DATE	DESCRIPTION

DATE: 10/21/2021	DRAWN: DJH
SCALE: AS SHOWN	DESIGN: DJH
SHEET: 6 OF 9	CHK BY: ---
DWG. No: Client File	JOB No: 213021

CROSS SECTION A-A

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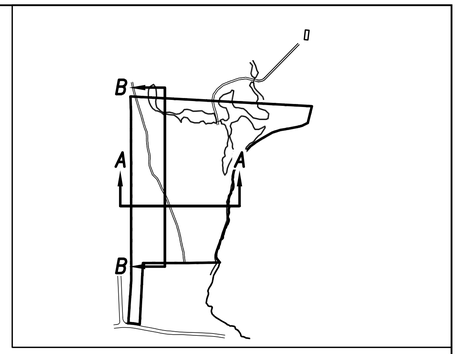

KEY MAP
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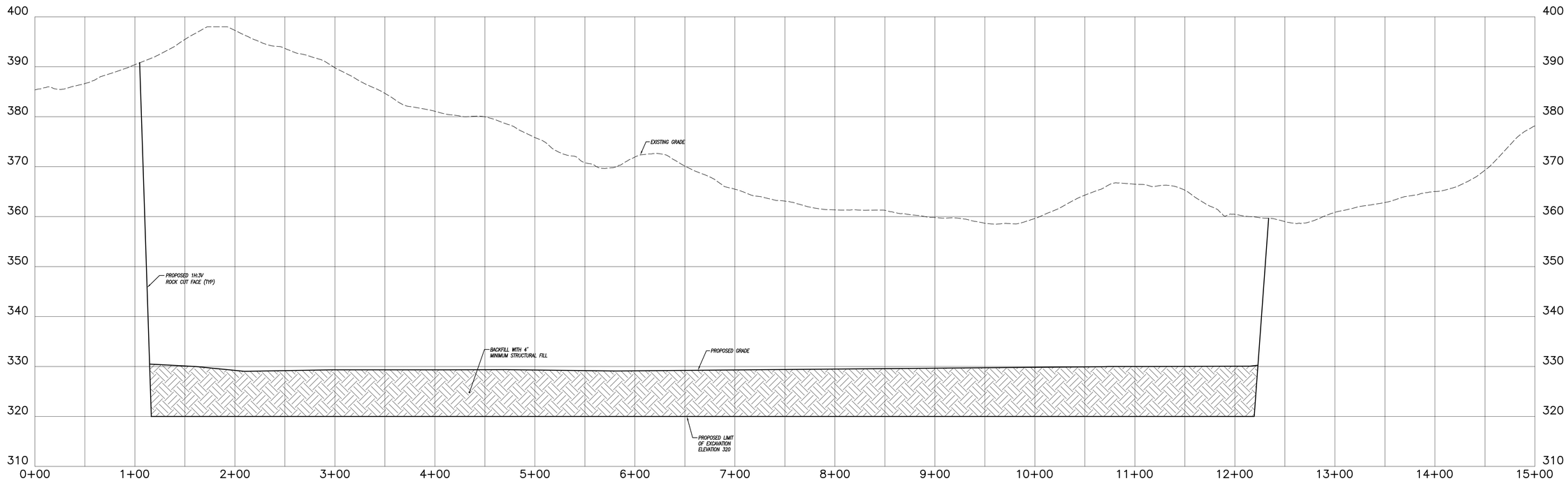

CROSS SECTION B–B
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 10'

HORIZONTAL SCALE IN FEET
50 25 0 50
10 5 0 10
VERTICAL SCALE IN FEET

CROSS SECTION B-B

PREPARED FOR

STRATEGIC COMMERCIAL REALTY, INC.

D/B/A RAWSON MATERIALS

WEST THOMPSON ROAD
THOMPSON, CONNECTICUT

REVISIONS	
DATE	DESCRIPTION

ENGINEER DATE

DATE: 10/21/2021	DRAWN: DJH
SCALE: AS SHOWN	DESIGN: DJH
SHEET: 7 OF 9	CHK BY: ---
DWG. No: Client File	JOB No: 213021

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EROSION AND SEDIMENT CONTROL PLAN:

REFERENCE IS MADE TO:

1. Connecticut Guidelines for Soil Erosion and Sediment Control 2002 (2002 Guidelines).
2. Soil Survey of Connecticut, N.R.C.S.

SILT FENCE INSTALLATION AND MAINTENANCE:

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

– the fence has been overtopped, undercut or bypassed by runoff water,
– the fence has been moved out of position (knocked over), or
– the geotextile has decomposed or been damaged.

HAY BALE INSTALLATION AND MAINTENANCE:

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

– the barrier has been overtopped, undercut or bypassed by runoff water,
– the barrier has been moved out of position, or
– the hay bales have deteriorated or been damaged.

TEMPORARY VEGETATIVE COVER:

SEED SELECTION

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

TIMING CONSIDERATIONS

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

SITE PREPARATION

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

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

SEEDBED PREPARATION

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

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

SEEDING

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

MULCHING

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

MAINTENANCE

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

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

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

PERMANENT VEGETATIVE COVER:

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

1. Topsoil will be replaced once the excavation and grading has been completed. Topsoil will be spread at a uniform depth approximating existing conditions on imported silt or suitable on–site materials.
2. Apply agricultural ground limestone. Apply fertilizer. Quantities shall be determined based on laboratory soil tests. Work lime and fertilizer into the soil to a depth of 4".
3. Inspect seedbed before seeding. If traffic has compacted the soil, retill compacted areas.
4. Apply the chosen grass seed mix. The recommended seeding dates are: April 1 to June 15 & August 15 – October 1.
5. Following seeding, firm seedbed with a roller. Mulch immediately following seeding. If a permanent vegetative stand cannot be established by September 30, apply a temporary cover on the topsoil such as netting, mat or organic mulch.

EROSION AND SEDIMENT CONTROL NARRATIVE:

PRINCIPLES OF EROSION AND SEDIMENT CONTROL

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

KEEP LAND DISTURBANCE TO A MINIMUM

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

– Limit areas of clearing and grading. Protect natural vegetation from construction equipment with fencing, tree armoring, and retaining walls or tree wells.

– Route traffic patterns within the site to avoid existing or newly planted vegetation.

– Phase construction so that areas which are actively being developed at any one time are minimized and only that area under construction is exposed. Clear only those areas essential for construction.

– Sequence the construction of storm drainage systems so that they are operational as soon as possible during construction. Ensure all outlets are stable before outletting storm drainage flow into them.

– Schedule construction so that final grading and stabilization is completed as soon as possible.

SLOW THE FLOW

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

– Use diversions, stone dikes, silt fences and similar measures to break flow lines and dissipate storm water energy.

– Avoid diverting one drainage system into another without calculating the potential for downstream flooding or erosion.

KEEP CLEAN RUNOFF SEPARATED

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

– Segregate construction waters from clean water.

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

REDUCE ON SITE POTENTIAL INTERNALLY AND INSTALL PERIMETER CONTROLS

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

– Control erosion and sedimentation in the smallest drainage area possible. It is easier to control erosion than to contend with sediment after it has been carried downstream and deposited in unwanted areas.

– Direct runoff from small disturbed areas to adjoining undisturbed vegetated areas to reduce the potential for concentrated flows and increase settlement and filtering of sediments.

– Concentrated runoff from development should be safely conveyed to stable outlets using rip rapped channels, waterways, diversions, storm drains or similar measures.

– Determine the need for sediment basins. Sediment basins are required on larger developments where major grading is planned and where it is impossible or impractical to control erosion at the source. Sediment basins are needed on large and small sites when sensitive areas such as wetlands, watercourses, and streets would be impacted by off–site sediment deposition. Do not locate sediment basins in wetlands or permanent or intermittent watercourses. Sediment basins should be located to intercept runoff prior to its entry into the wetland or watercourse.

– Grade and landscape around buildings and septic systems to divert water away from them.

OVERVIEW:

The instant application is an application for a permit to conduct regulated activities in conjunction with a proposed rock removal operation on real property owned of record by Cristine M. Waldron, Eric N. Waldron and Warren E. Waldron known as 0 West Thompson Road, Thompson, Connecticut and depicted as Lot 9 in Block 101 on Thompson Assessor's Map 65. The application parcel (hereinafter the "Property") is located in the BDD Zoning District and contains 31.4 acres of land, more or less. The proposed rock removal operation is contemplated on 17 acres, more or less, of the Property with activities to be conducted in four (4) phases; i.e. Phase 1 which will result in aggregate being removed from 4 acres, more or less, with the removal of approximately 21,000 cubic yards of earth product and aggregate material; Phase 2, containing 4.2 acres, more or less, with earth product and aggregate removal of 318,000 cubic yards, more or less; Phase 3, containing 4.2 acres, more or less, with the removal of 119,000 cubic yards of earth product and aggregate material; and Phase 4, involving 4.2 acres, more or less, with the removal of 448,000 cubic yards of earth product and aggregate material. It is anticipated that the Phase 1 extraction will require 1 year to complete, the Phase 2 extraction will require 2.5 years to complete, the Phase 3 extraction will require 1 year to complete and the Phase 4 extraction will require 3 years to complete.

The Property is situated adjacent southerly to other real property of Strategic Commercial Realty, Inc. d/b/a Rawson Materials which is currently in active permitted use for earth product and aggregate excavation and processing. The instant application will not require direct access to West Thompson Road. Earth product and rock removed from the proposed extraction area will be removed, by truck, over an existing haul road to the processing plant of the Applicant located on adjacent real property to the north. The access haul road is currently in place and the renewed utilization of the same will not require any regulated activities.

Site testing conducted on the Property evidences the fact that the proposed rock removal area is overlaid with a thin layer of surficial material (as is more particularly described in the Soil Characteristics section of this Narrative) and underlaid with high quality rock which is an essential component of structural material for the construction industry.

Aggregate is the foundation of the national economy. The aggregate industry provides more than 120,000 jobs nationwide. Aggregate is used in highways, paints, plastics, medicines, glass, driveways, concrete sidewalks, bridges, wallboard, vinyl, brick, stone, buildings, homes, concrete blocks, roofing tile, asphalt shingles and minerals for agriculture. Every year more than 2.4 billion tons of aggregate are utilized in the United States, which is approximately 8 tons of aggregate for every American. An average of 120 tons of aggregate is used in the construction of a new house. About 20,000 tons of aggregate are used for the construction of one mile of four–lane highway. Marketable aggregate products are becoming an increasingly scarce commodity in Connecticut. Aggregate is a natural resource which is needed to sustain the everyday economy of the Town of Thompson, the northeast region of the State of Connecticut and the State itself. Mining of aggregate is an essential activity. Due to the nature of the activity itself, proper design controls and cultural controls must be utilized in order to insure that the mining of structural rock is conducted in an environmentally and ecologically appropriate manner. The plan for this proposed mining operation, prepared by Provost & Rovero, Inc., and this Narrative, specify, in detail, the manner in which this proposed rock removal operation will be conducted in accordance with applicable Thompson Inland Wetland and Watercourse Regulations and in a manner which will either (i) prevent any adverse impact to wetland and watercourse resources or (ii) provide for compensatory mitigation in the event that an adverse impact occurs to the hydrology of the wetland system located northerly of Phases 1 and 2 of the proposed structural rock removal operation.

In conjunction with the proposed extraction operation, the Applicant anticipates no disturbance to or direct impact of inland wetlands and watercourses. The extraction operation will involve the disturbance of 66,405 square feet of upland review area located both southerly of the side hill wooded swamp located in the northerly portion of the Property and westerly of the riparian wetlands associated with the secondary channel and backwater area of the French River.

General Procedures

1. Prior to the initiation of construction activities on the project site, the applicant shall meet with the Zoning Enforcement Officer and Wetlands Enforcement Officer of the Town of Thompson to agree upon the methodology for the installation, maintenance and repair of erosion and sediment control measures as delineated on a plan entitled "Proposed Earth Product Excavation West Thompson Road Thompson, Connecticut Applicant Strategic Commercial Realty, Inc. d/b/a Rawson Materials 58 Pomfret Street, Suite 4101, Putnam, CT 06260 Owner Christine M. Waldron, et al. 20 Wiltshire Drive Worcester, MA 01609 October 21, 2021 Sheets 1 of 8 to 8 of 8 Job No: 213021 Dwg No: Client File Provost & Rovero, Inc. Civil Engineering – Surveying – Site Planning Structural – Mechanical – Architectural Engineering 57 East Main Street, P.O. Box 191 Plainfield, Connecticut 06374 (860) 230–0856 – Fax: (860) 230–0860 info@prorovinc.com www.prorovinc.com" (hereinafter the "Plan"). In no event shall actual excavation and rock extraction operations commence until such time as erosion and sediment control measures have been installed and inspected and approved by the Town of Thompson Zoning Enforcement Officer and Thompson Wetlands Enforcement Officer.

2. The Applicant's engineer shall delineate in the field the limits within which the Phase 1 excavation and extraction operations shall occur and will further designate the location for the installation of the proposed 10 foot high vegetated berm as delineated on the Plan, which vegetated berm shall extend along the easterly periphery of the proposed extraction area from the northerly limit of Phase 1 to the southerly limit of Phase 3 as depicted on the Plan.

3. All operations approved under the permit issued by the Town of Thompson Inland Wetlands and Watercourses Commission shall be conducted by the Applicant in accordance with the approved Plan and this Narrative. This Narrative and the approved Plan delineated herein shall be incorporated into any permit to conduct regulated activities approved by the Town of Thompson Planning and Zoning Commission.

4. All erosion and sediment control measures shall be inspected at least weekly while activities are ongoing and after every storm event resulting in a discharge and repaired and maintained as necessary.

5. During the stabilization period (after construction has been completed in each phase of the extraction, but prior to certification of approval by the Zoning Enforcement Officer of the Town of Thompson and the Wetlands Enforcement Officer of the Town of Thompson, the structural integrity of silt fence and the vegetated berm shall be maintained. Jeffrey Rawson, President of Strategic Commercial Realty, Inc. d/b/a Rawson Materials, or his designee, shall be responsible for compliance with all erosion and sediment control measures in conjunction with the extraction operation. The address of Jeffrey Rawson is 6 Kennedy Drive, Putnam, Connecticut 06260. The telephone number for Jeffrey Rawson is (860) 963–6584 and the facsimile number for Jeffrey Rawson is (860) 963–7063. The e–mail address for Jeffrey Rawson is jeff.rawson@rawsonmaterials.com. All erosion and sediment control measures shall be inspected, maintained and/or repaired, as necessary, on a weekly basis during the stabilization period and after each storm occurrence resulting in a discharge. Jeffrey Rawson shall be the designated representative for the implementation of all of the terms and conditions of the erosion and sedimentation control plan with respect to the excavation, extraction and removal of earth product and/or rock material which is the subject of this permit application.

6. During the stabilization period, any erosion which occurs shall be immediately repaired by the Applicant, reseeded with the seeding mixes set forth in the Construction Sequencing section of this Narrative and restabilized.

7. Once stabilization has been completed and certification thereof obtained in writing from the Zoning Enforcement Officer of the Town of Thompson and the Wetlands Enforcement Officer of the Town of Thompson, the vegetated berm and silt fence shall be removed by the Applicant and the area of the berm stabilized as described in the Construction Sequencing section of this Narrative.

8. The extraction contemplated by this application will render the Property in a condition suitable for future utilization for uses permitted pursuant to the Zoning Regulations of the Town of Thompson in the BDD Zoning District. Until such uses have been implemented, the area of the extraction shall be stabilized in accordance with the procedures delineated in the Construction Sequencing section of this Narrative.

Construction Sequencing

1. The Applicant shall, prior to the commencement of operations on the Property, secure all necessary local, state and federal permits and file all applicable stormwater registrations as required by applicable law.
2. The Applicant shall engage in the pre–construction meeting with the Town of Thompson staff as required by Paragraph 1 of the General Procedures section of this Narrative.
3. The Applicant shall clear and grub that portion of the Phase 1 excavation area and the Phase 3 excavation area required for the installation of silt fence and the vegetated berm in order to ready the site for the installation of erosion and sediment control measures proposed. In no event shall clearing and grubbing extend beyond the limits of the area in which silt fence will be installed on the day of clearing and grubbing.
4. The Applicant shall install the single row of silt fence immediately down gradient from the location for the installation of the vegetated berm in accordance with the "Silt Fence" detail delineated on Sheet 8 of 8 of the Plan.
5. Immediately upon completion of the installation of the down gradient silt fence erosion control, the Applicant shall install the 10 foot vegetated berm as delineated on the Plan and as agreed upon by and between the Applicant and the Town of Thompson Land Use representatives at the pre–construction meeting. In no event shall further operations occur on the extraction site until such time as the Phase 1 and Phase 3 erosion and sediment control measures have been installed. The vegetated berm shall be installed in accordance with the Vegetated Berm Detail delineated on the Plan, including the installation of the gravel wick drains and the emergency spillway.
6. The vegetated berm shall be seeded with a conservation mix specified by the project engineer based upon soil types from one of the following categories (i) switchgrass applied at a rate of 4 pounds per acre, big bluestem applied at a rate of 4 pounds per acre, little bluestem applied at a rate of 2 pounds per acre, sand lovegrass applied at a rate of 1.5 pounds per acre and bird's–foot trefoil applied at a rate of 2 pounds per acre for a total application of 13.5 pounds per acre (ii) flatpea applied at a rate of 10 pounds per acre, perennial pea applied at a rate of 2 pounds per acre, crown vetch applied at a rate of 10 pounds per acre and tall fescue applied at a rate of 2 pounds per acre for a total application of 24 pounds per acre or (iii) orchardgrass applied at a rate of 5 pounds per acre, tall fescue applied at a rate of 10 pounds per acre, red top applied at a rate of 2 pounds per acre and bird's–foot trefoil applied at a rate of 5 pounds per acre for a total application of 22 pounds per acre. Seeding shall only occur during the periods April 15 to June 15 and August 15 to October 1. The vegetated berm shall be immediately mulched after seeding with hay mulch applied at the rate of 80 pounds per 1,000 square feet.
7. Subsequent to the installation of the down gradient perimeter silt fence and vegetated berm, the Applicant shall clear and grub the Phase 1 excavation area.
8. The Applicant shall install the Phase 1 temporary sediment trap located adjacent westerly to the vegetated berm as delineated on the Plan and the Phase 1 dewatering sump as depicted on the Plan to be utilized only in the event that dewatering is required in conjunction with the extraction operation.
9. The Applicant shall strip the topsoil and subsoil in the Phase 1 excavation area. All topsoil and subsoil stripped from the Phase 1 excavation area shall either be (i) utilized in the construction of the vegetated berm or (ii) removed by site truck to the adjacent real property of the Applicant to the north where the topsoil and subsoil shall be retained in a surface soil stockpile to be used for future site stabilization. The surface soil stockpile shall be formed with slopes not exceeding the angle of repose. The surface soil stockpile shall be encircled with a single row of silt fence installed in accordance with the Silt Fence Detail delineated on Sheet 8 of 8 of the Plan. The surface soil stockpile shall be stabilized by seeding with a perennial ryegrass mix and mulch. The perennial ryegrass mix shall be applied at a rate of 40 pounds per acre. Mulch shall be applied at a rate of 80 pounds per 1,000 square feet, and shall be spread by hand or with a mulch blower. The location of the surface soil stockpile is delineated on the Plan.
10. The proposed earth products excavation operation will involve the extraction of rock from the project site. The project site contains a high quality gneiss stone which has characteristics suitable for nearly all construction applications.
11. Surficial material (other than topsoil and subsoil) shall be excavated from the Phase 1 extraction area and removed by truck to the processing facility of the Applicant located on the adjacent real property to the north utilizing the existing haul road between the two properties.
12. Bedrock will be severed from the land in well–designed and controlled blasts in order to produce "shot rock" for processing. Prior to the initial blast, the Applicant shall conduct a pre–blast survey. The Applicant's geotechnical/blasting consultant will determine a safe pre–blasting survey radius. The pre–blast survey will include collecting background water quality data for nearby domestic wells and surface water. Each blast will be monitored with a seismograph at pre–determined locations in order to record the data (ground vibration and air overpressure (decibel levels)) associated with each blast to ensure that each blast is being conducted in a safe and proper manner which will not result in property damage.
13. Shot rock shall be removed from the Phase 1 extraction site by site trucks for processing to marketable material at the processing plant of the Applicant on the adjacent real property to the north.
14. Throughout the duration of the extraction operation, a vegetated berm or 6 foot high chain link fence will be maintained along the top of the operating face of the excavation operation in order to prohibit the inadvertent trespass onto the operating portion of the Property.
15. Due to the logistics of the extraction operation, the Phase 1 excavation area shall not be stabilized until Phases 1 and 2 of the extraction have been completed; and, likewise, the Phase 3 excavation area shall not be stabilized until such time as the Phase 3 and Phase 4 extraction operations have been completed.
16. Upon completion of the extraction in the extraction areas as specified above, the Applicant shall prepare the "floor" of the extraction area for final stabilization by backfilling the same with a minimum of 4 feet of structural fill in accordance with the cross–section details contained on Sheets 6 of 8 and 7 of 8 of the Plan. Thereafter, the reclamation area shall be loamed with not less than 4" of topsoil which has been stripped from the project site and stored in temporary soil stockpile locations. Areas to be seeded will be prepared by spreading ground limestone equivalent to 50% calcium plus magnesium oxide applied at a rate of 100 pounds per 1,000 square feet. Fertilizer (10–10–10) is to be applied at a rate of 15 pounds per 1,000 square feet. Following the initial application of lime and fertilizer, there are to be no periodic applications of lime and fertilizer. After seeding, the area shall be stabilized with hay mulch immediately applied at a rate of 80 pounds per 1,000 square feet and anchored immediately after spreading by tracking. Seeding shall be applied with a conservation mix specified by the project engineer based upon soil types from one of the following categories: (i) switchgrass applied at a rate of 4 pounds per acre, big bluestem applied at a rate of 4 pounds per acre, little bluestem applied at a rate of 2 pounds per acre, sand lovegrass applied at a rate of 1.5 pounds per acre and bird's–foot trefoil applied at a rate of 2 pounds per acre for a total application of 13.5 pounds per acre (ii) flatpea applied at a rate of 10 pounds per acre, perennial pea applied at a rate of 2 pounds per acre, crown vetch applied at a rate of 10 pounds per acre and tall fescue applied at a rate of 2 pounds per acre for a total application of 24 pounds per acre or (iii) orchardgrass applied at a rate of 5 pounds per acre, tall fescue applied at a rate of 10 pounds per acre, red top applied at a rate of 2 pounds per acre and bird's–foot trefoil applied at a rate of 5 pounds per acre for a total application of 22 pounds per acre. Seeding shall only occur during the periods April 15 to June 15 and August 15 to October 1.
17. The methodologies delineated in Paragraphs 9 to 16 of the Construction Sequencing Section of this Narrative shall be followed sequentially for Phases 2, 3 and 4 of the proposed extraction as depicted on the Plan.

WETLAND MITIGATION (IF REQUIRED)

As discussed previously, the proposed extraction area is abutted to the north by a wooded side hill drainageway and swamp with topography descending first in a southeasterly and then in an easterly direction from approximate elevation 372 to elevation 332 as depicted on Sheet 4 of 8 of the Plan. Intermittent flow within this system is then transmitted under the existing haul road interconnecting the Property with the adjacent property of Strategic Commercial Realty, Inc. d/b/a Rawson Materials by way of a 12" PVC culvert. This wooded swamp is delineated on the Plan by Wetland Flags 1A to 59A. The application contemplates a rock cut southerly of this system which will effectively lower the topography of the adjoining landscape from 330–406 feet (extending from the east to the west) to 324–330 feet (extending from the east to the west). Approximately 30% of the contributing watershed area to the lower portion of the wooded swamp; i.e. Wetland Flags 3A–26A (South) and 41A–58A (North) will be eliminated as a result of the proposed extraction.

The extraction raises two areas of possible concern and/or impact with respect to the side hill wetland located to the north of the proposed extraction area. The first possible indirect impact is that the reduction of contributing watershed area to the side hill wetland will adversely impact the hydrology of the lower reaches of the side hill wetland. The second possible indirect impact from the proposed extraction is that the rock cut may have the possibility of draining the side hill wetland system (collectively, the "Possible Adverse Impacts"). It is not anticipated that the proposed extraction will have any adverse impact on the riparian wetland corridor associated with the secondary channel and backwater area of the French River due to the fact that the final site will be graded in order to ensure that there is no diversion of contributing watershed area away from this wetland and watercourse resource.

To mitigate against Possible Adverse Impacts, the Applicant is proposing that the Applicant be required to monitor the hydrology of the side hill wetland system on a semi–annual basis commencing with the date of commencement of extraction in the Phase 1 extraction area and continuing through and including a period of five (5) years subsequent to the date that the Applicant completes extraction in the Phase 1 and Phase 2 operational areas. The monitoring of the wetland system shall be conducted by a wetland scientist approved by the Thompson Inland Wetlands and Watercourses Commission. The wetland scientist shall be required to submit written reports to the Thompson Inland Wetlands and Watercourses Commission within thirty (30) days subsequent to the date of each required inspection. In the event that the wetland scientist notes that the extraction authorized by this application is resulting in an adverse hydrologic impact to the wooded swamp wetland system, the Applicant shall be required, as a condition of the wetland permit issued in conjunction with this permit application, to create compensatory wetlands as a component of the closure plan for this project (the "Mitigation").

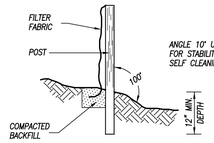
The Applicant shall create a Mitigation area equal to one hundred (100%) percent of the area included in the side hill wooded swamp which has been adversely impacted by the extraction. The wetland mitigation area shall be constructed within the limits of the 17 acres, more or less, included in the permit application area. The wetland mitigation area shall be constructed and planted under the supervision of a wetland scientist and/or wetland biologist experienced in wetland creation and mitigation. The wetland mitigation area shall be designed in order to create a diverse wetland environment that currently does not exist in the project area; i.e. a shallow water marsh or a deep water marsh.

The wetland creation area will be lined with 10" of "wood sod" (wood sod as utilized on this site includes the topsoil layers and seedling trees and shrubs that can be removed in situ by bulldozer).

The final site grading shall be modified to provide a positive gradient to the mitigation in order to supply adequate hydrology to support the Mitigation.

The wetland scientist and/or wetland biologist experienced in the science of wetland creation shall specify a planting scheme and monitoring plan for both the shallow water marsh and the deep water marsh, which planting scheme shall be submitted to, and approved by, the Thompson Inland Wetlands and Watercourses Commission prior to commencement of the construction of the Mitigation. The specific planting scheme will not be determined until such time as the Mitigation has been finally shaped and the wood sod material installed in order to determine the depth of inundation in both the shallow water marsh area and the deep water marsh area which will control the species of plants which will have the greatest likelihood of survival within said environments and which will be most successful in prohibiting the infestation of invasive species.

Contemporaneously with the approval of any permit for the regulated activities proposed in conjunction with this application, the Thompson Inland Wetlands and Watercourses Commission shall establish a performance bond for the Mitigation. Prior to the commencement of extraction operations on the Property, the Applicant shall be required to post the performance bond with the Town of Thompson, which performance bond shall be continued in full force and effect until such time as either (i) it is determined by the Applicant's wetland scientist that no Adverse Impacts have occurred or (ii) the Mitigation has been completed.



SILT FENCE

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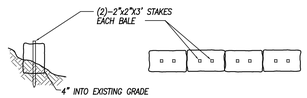

HAYBALE BARRIER

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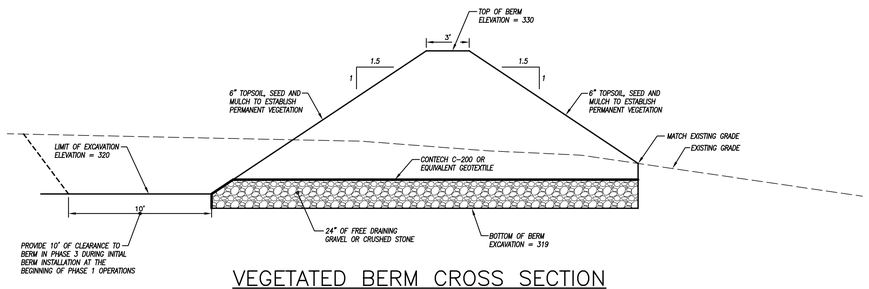

VEGETATED BERM CROSS SECTION

SCALE: 1" = 5'

ENGINEER DATE

REVISIONS	
DATE	DESCRIPTION

DATE: 10/21/2021	DRAWN: DJH
SCALE: AS SHOWN	DESIGN: DJH
SHEET: 8 OF 9	CHK BY: ---
DWG. No: Client File	JOB No: 213021

DETAIL SHEET

PREPARED FOR

STRATEGIC COMMERCIAL REALTY, INC.

D/B/A RAWSON MATERIALS

WEST THOMPSON ROAD
THOMPSON, CONNECTICUT

Provost & Rovero, Inc.

Civil Engineering • Surveying • Site Planning
Structural • Mechanical • Architectural Engineering

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info@prorovinc.com
www.prorovinc.com

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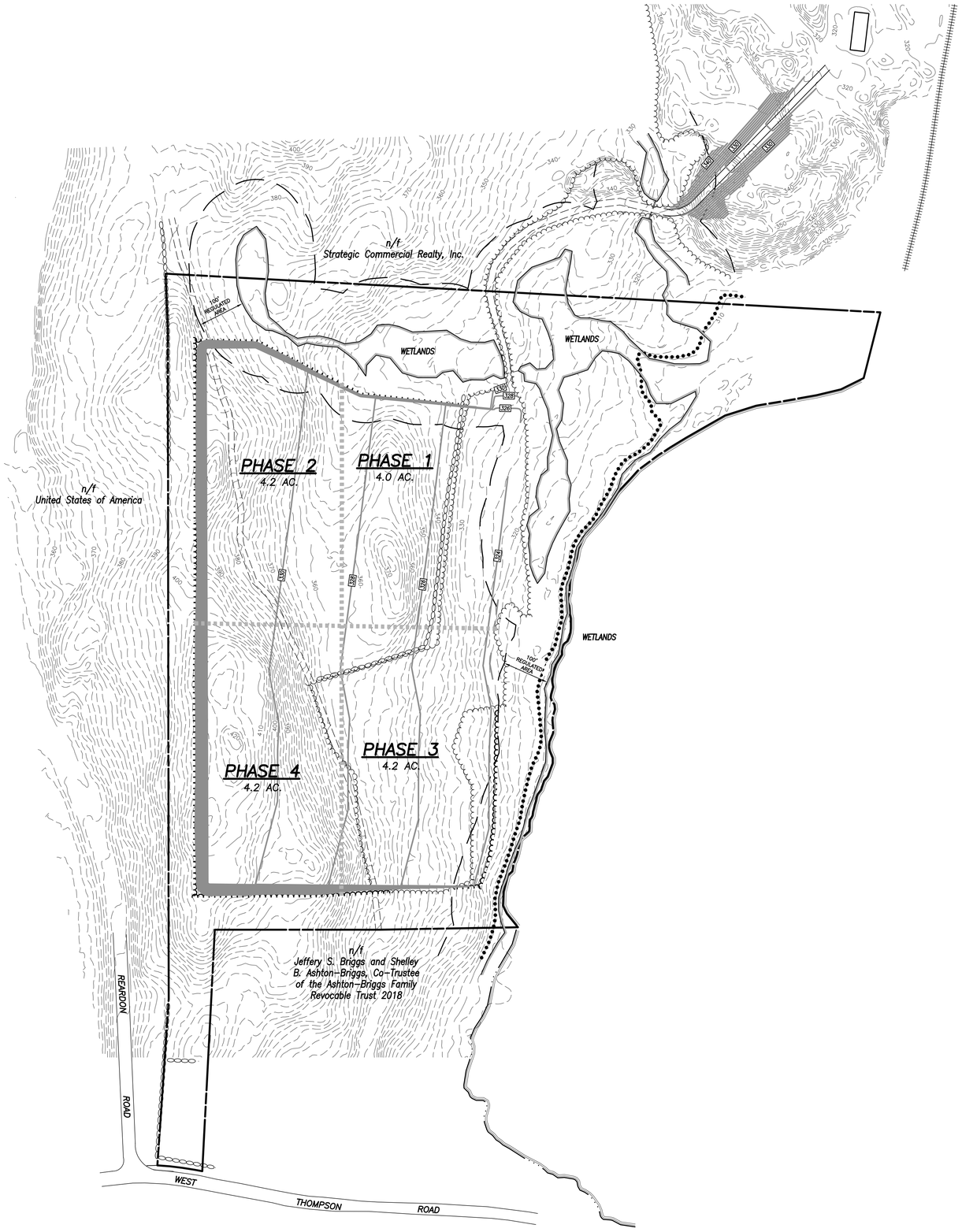

LEGEND

- # WETLAND FLAG
- TEST PIT
- STONE WALL
- 200 EXISTING INDEX CONTOUR
- 202 EXISTING CONTOUR
- EXISTING TREE LINE
- 200 PROPOSED FINAL CONTOUR
- SILT FENCE OR HAYBALES
- PROPOSED CLEARING LIMITS
- LIMIT OF FLOOD ZONE A (100 YEAR)
- EXCAVATION PHASE LINE

N

120 60 0 120
GRAPHIC SCALE IN FEET

SURVEY NOTES:

1. This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Section 20–300b–1 through 20–300b–20 as amended on October 26, 2018;

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

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

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

   – Survey Type: General Location Survey.
2. The subject parcel is shown as Lot 9, Block 101 on Assessor's Map 65.
3. Zone: BDD.
4. Owner of record: Christine M. Waldron, et al.
   20 Wiltshire Drive
   Worcester, MA 01609
5. The intent of this survey is to show existing conditions to support applications for the excavation of earth products.
6. Elevations based on NAVD 1988. Contour interval = 2'.
7. Bearings shown hereon are referenced to CT State Plane Coordinates, NAD83(2011), Epoch 2010.0000.
8. Portions of the subject property are located in flood zone C and portions are located in flood zone A per Flood Insurance Rate Map – Town of Thompson, Connecticut – Windham County – Community Panel Number 090117 0012 B, Effective Date: November 1, 1984.
9. The locations of existing utilities are based on surface evidence and other sources of information. Before any construction is to commence contact "CALL BEFORE YOU DIG" at 1–800–922–4455.
10. Wetlands shown hereon were delineated by Joseph Theroux in June 2021.

MAP REFERENCES

1. "Property Survey – Prepared for – Rawson Materials, Inc. – West Thompson Road – Thompson, Connecticut – Scale: 1" = 100' – Dated: 9/1/2021 – KWP Associates"

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

Certified Soil Scientist Date

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

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

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

FINAL GRADING PLAN

PREPARED FOR

STRATEGIC COMMERCIAL REALTY, INC.

D/B/A RAWSON MATERIALS

WEST THOMPSON ROAD
THOMPSON, CONNECTICUT

REVISIONS	
DATE	DESCRIPTION

DATE: 10/21/2021	DRAWN: DJH
SCALE: 1" = 120'	DESIGN: DJH
SHEET: 9 OF 9	CHK BY: ---
DWG. No: Client File	JOB No: 213021

Provost & Rovero, Inc.

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Structural • Mechanical • Architectural Engineering

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www.prorovinc.com

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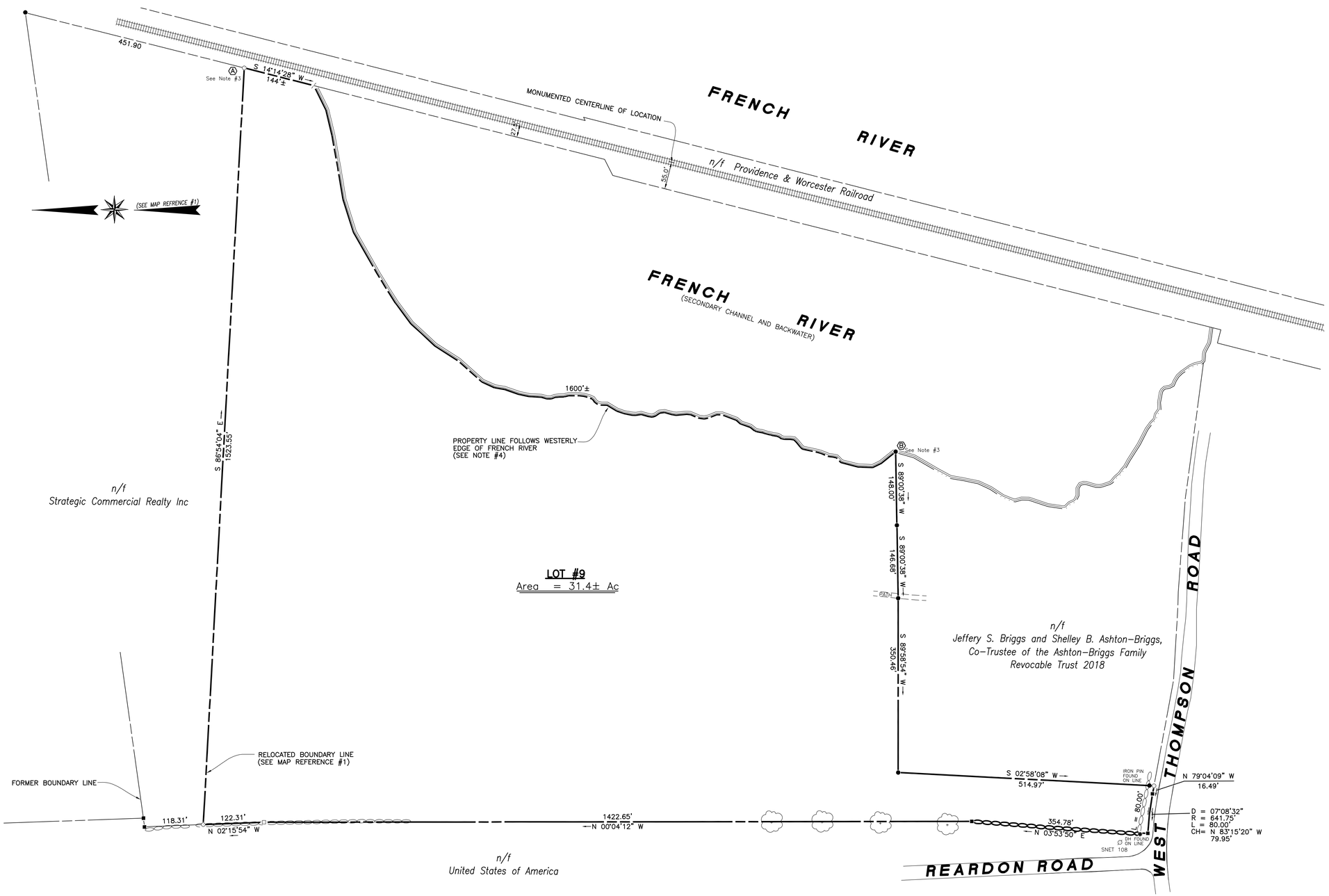
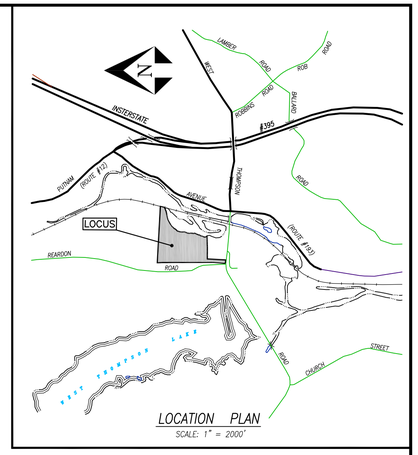




LOCATION PLAN
SCALE: 1" = 2000'

NOTES:

1. This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Sections 20–300b–1 through 20–300b–20 and the "Standards for Surveys and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1996;
   - Boundary lines and shown conform to a Class "A–2" horizontal accuracy
   - Boundary determination category: Resurvey
   - Survey Type: Property Survey.
2. Parcel shown as Lot #9, Block #101 on Assessor's Tax Map #65
3. A closing line is a random survey line used for technical purposes and not to be construed as property line. Between (A) and (B) is S 30°30'19" W, 1519.86' .
4. The property line of the surveyed parcel follows the westerly edge of the French river. The primary channel of the French River is currently located on the east side of the railroad and was relocated from the current secondary channel and backwater. The surveyed parcel is together with whatever rights exist into lands between the westerly line of the French River and the railroad currently submerged or flowed by the river

MAP REFERENCE:

1. "Plan of Boundary Line Adjustment Prepared for Mabel S. Waldron & Thompson Rail Business Park, LLC – Reardon Road – Thompson, Connecticut – Scale 1" = 100' – Dated January 14, 2015 – Prepared by KWP Associates" On file as Map #1690 in the Thompson Land Records
2. "Gravel Removal Plan Prepared for Rawson Materials, Inc. – West Thompson Road – Thompson, Connecticut – Scale 1" = 100' – Dated September 9, 2005 – Revised February 14, 2006 – Prepared by KWP Associates"
3. "Boundary Survey – West Thompson Lake – Thompson, Connecticut – Segment 1 – Scale 1" = 300' – Dated June 27, 1980 – Prepared by Department of the Army – New England Division – Corps of Engineers"
4. "Right of Way and Track Map – Norwich and Worcester R.R. Co. – Operated by The New York New Haven and Hartford R.R. Co. – From Worcester to Groton – Town of Thompson – State of Connecticut – Scale 1" = 50' – Dated June 30, 1915" on file as Volume #5060, Page #47 & Volume #5060, Page #48

LEGEND

- ● IRON PIN FOUND
- ○ SURVEY POINT
- ■ MONUMENT FOUND
- STONEWALL
- TREE WITH WIRE FENCE REMAINS

100 50 0 100 200
scale feet

To my knowledge and belief, this map is substantially correct as noted hereon.

Bruce D. Woodis 9/1/2021
BRUCE D. WOODIS, Conn. L.S. #13646

No certification is expressed or implied unless this map bears the embossed seal of the land surveyor whose signature appears hereon.

Property Survey
Prepared For

RAWSON MATERIALS, INC.

WEST THOMPSON ROAD
THOMPSON, CONNECTICUT

KWP associates
SURVEYING ~ ENGINEERING ~ SITE PLANNING
250 Killingly Road
Pomfret Center, Ct. 06259–0106

SCALE: 1" = 100'	
DATE: 9/1/2021	
SHEET: 1 OF 1	
PROJ # 03002	FB:
Dwn: JES	Chk: .

Agenda Item E.b) 1. New Applications

WAA22009, Thomas Dolan, Jr., 0 New Rd. (Assessor's map 154, block 5, lot 10A), new single family home, well & driveway in 100-foot upland review area, stamped received4/19/22, under review, NDDH approval pending for septic system located outside of upland review area.

Locus Maps for New Rd Applications / Approvals

Property Information

Property ID	4851
Location	0 NEW RD
Owner	GRAY DOUGLAS W + ROBERTA M

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.

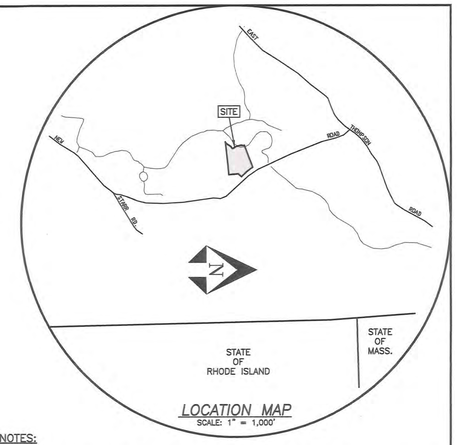
Geometry updated October 19, 2021
Data updated March 20, 2019

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

LEGEND

- UTILITY POLE
- MONUMENT FOUND
- IRON PIN OR PIPE FOUND
- TEST PIT
- PERCOLATION TEST
- EXISTING INDEX CONTOUR
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SILT FENCE OR HAYBALES
- PROPOSED UNDERGROUND UTILITIES
- BUILDING SETBACK
- EXISTING TREE LINE

N



LOCATION MAP
SCALE: 1" = 1,000'

SEPTIC SYSTEM DESIGN CRITERIA

percolation rate = 8.0 min/inch

3 bedroom house requires 495 SF of leaching area

HF = 28
FF = 1.5
PF = 1.0
MLSS = 28x1.5x1.0 = 42'

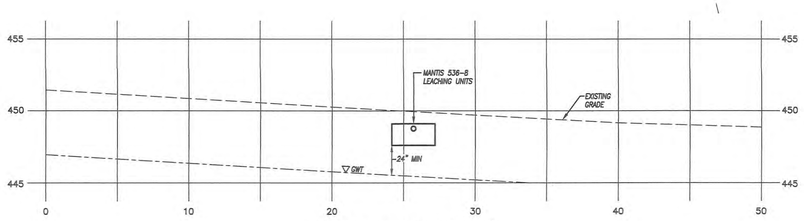
use 45' of Mantis 536-8 leaching units
leaching area = 45' x 11.0 SF/LF = 495 SF
bottom of system to be 36" maximum into existing grade

NOTES:

1. This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Section 20-300b-1 through 20-300b-20 as amended on October 26, 2018;
   - This survey conforms to a Class "A-2" horizontal accuracy.
   - Topographic features conform to a Class "T-2" accuracy.
   - Boundary Determination Category: Resurvey.
   - Survey Type: Improvement Location Survey.
2. Zone = RRAD.
3. Total area of parcel = 2.29± acres.
4. Reference is made to a warranty deed in Volume 1006, Page 53 of the Thompson land records for the subject parcel.
5. Owner of record: Thomas F. Dolan, 49 Bridle Ridge Drive, North Grafton, MA 01536
6. The locations of existing utilities are based on surface evidence and other sources of information. Before any construction is to commence contact "CALL BEFORE YOU DIG" at 1-800-922-4455.
7. Elevations are referenced to NAVD 1988. Contour interval = 2'.
8. Bearings shown hereon are referenced to CT State Plane Coordinates, NAD83(2011), Epoch 2010.0000.
9. NDDH File Number 21000196.
10. There are no apparent wells within 75' of the proposed septic system. There are no apparent septic systems within 75' of the proposed well.
11. Wetlands shown were flagged in the field by Edward M. Pawlak, certified soil scientist and were taken from Map Reference #2.
12. Portions of the subject property are within the Special Flood Hazard Area (area of 100 year flood) per FIRM 0901170010B with an effective date of 11/1/1984. Per Letter of Map Amendment, Case No. 18-01-0878A, areas of the subject property at the building site above elevation 446.95 (NAVD 1988) or 447.7 (NGVD 1929) are outside of the Special Flood Hazard Area.

MAP REFERENCES:

1. "Property Survey – Showing Boundary Line Adjustment – Prepared for – Jeffrey Rawson, Kelly Rawson & River Junction Estates, LLC – New Road – Thompson, Connecticut – Scale: 1" = 60' – Dated: 4/6/2021 – Provost & Rovero, Inc."
2. "Boundary Reconfiguration Plan – River View Landing – Prepared for – River Junction Estates, LLC – Lots SC-1 & SC-2 – New Road – Thompson, Connecticut – Scale: 1" = 100' – Dated: 11/17 – Messier Survey LLC"



CROSS SECTION "A-A"
SCALE: 1" = 5'

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

20 10 0 20
GRAPHIC SCALE IN FEET

IMPROVEMENT LOCATION SURVEY
SEPTIC SYSTEM DESIGN PLAN
PREPARED FOR

THOMAS DOLAN

NEW ROAD
THOMPSON, CONNECTICUT

Received
APR 19 2022
Thompson Wetlands Office

REVISIONS	
DATE	DESCRIPTION
4/18/2022	OWNER INFORMATION

DATE: 9/24/2021	DRAWN: DJH
SCALE: 1" = 20'	DESIGN: DJH
SHEET: 1 OF 2	CHK BY: ---
DWG. No: Client File	JOB No: 203084

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

STATE OF CONNECTICUT
DAVID J. HELD
No. 24267
LICENSED PROFESSIONAL ENGINEER

4/18/22
ENGINEER DATE

STATE OF CONNECTICUT
DAVID J. HELD
No. 24267
LICENSED PROFESSIONAL SURVEYOR

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

4/18/22
DAVID J. HELD, L.S. LIC. NO. 24267 DATE

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

C:\Users\Dave\Desktop\JOBS\203084\Drawings\SSD LOT SC-2 rev 4-18-22.dwg Apr 18, 2022 - 3:42 PM

Appl WA22009

EROSION AND SEDIMENT CONTROL PLAN:

REFERENCE IS MADE TO:

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

DEVELOPMENT SCHEDULE: (Individual Lots):

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

DEVELOPMENT CONTROL PLAN:

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

SILT FENCE INSTALLATION AND MAINTENANCE:

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

HAY BALE INSTALLATION AND MAINTENANCE:

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

TEMPORARY VEGETATIVE COVER:

SEED SELECTION

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

TIMING CONSIDERATIONS

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

SITE PREPARATION

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

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

SEEDBED PREPARATION

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

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

SEEDING

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

MULCHING

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

MAINTENANCE

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

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

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

PERMANENT VEGETATIVE COVER:

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

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

EROSION AND SEDIMENT CONTROL NARRATIVE:

PRINCIPLES OF EROSION AND SEDIMENT CONTROL

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

KEEP LAND DISTURBANCE TO A MINIMUM

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

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

SLOW THE FLOW

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

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

KEEP CLEAN RUNOFF SEPARATED

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

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

REDUCE ON SITE POTENTIAL INTERNALLY AND INSTALL PERIMETER CONTROLS

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

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

SEPTIC SYSTEM CONSTRUCTION NOTES

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

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

   GRADATION OF FILL (MINUS GRAVEL)

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

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

DEEP TEST HOLE EVALUATION - December 2, 2020
Northeast District Department of Health

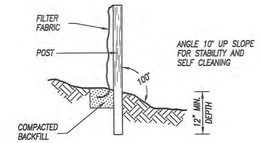
TEST PIT	DEPTH	PROFILE
B-4	0-12"	topsoil
	12-22"	gravelly OB sandy loam
	22-54"	gravelly cobbly coarse sand
	54-85"	mottled gravelly TW/GR med.-coarse sand
	85-90"	groundwater
	Ledge	N/A
	GWT	85"
	Mottling	54"
B-5	0-12"	topsoil
	12-36"	OB fine sandy loam w/ gravel
	36-55"	gravelly coarse sand w/ cobbles
	55-80"	GR compact fine sandy/silty loam
	80-82"	groundwater
	Ledge	N/A
	GWT	80"
	Mottling	55"

PERCOLATION TEST RESULTS - December 2, 2020
David J. Held, P.E., L.S.

Depth: 22"
Presoak: 2± hours

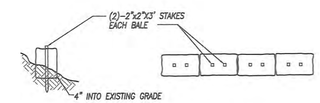
Time	Depth
2:07	12"
2:12	13.5"
2:17	15"
2:22	15.75"
2:32	17"
2:42	18.25"

Percolation Rate: 8 min/inch



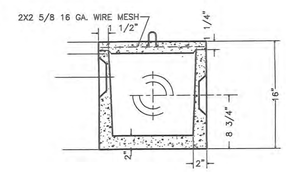
SILT FENCE

NOT TO SCALE



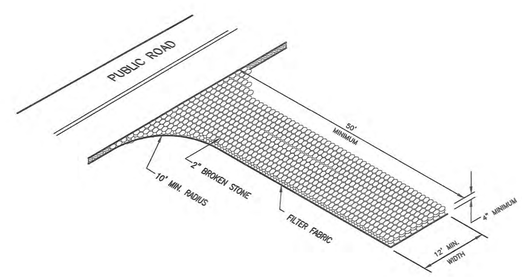
HAYBALE BARRIER

NOT TO SCALE



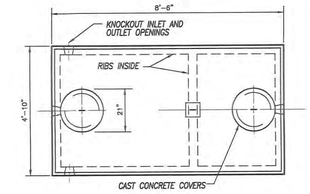
STANDARD D-BOX

NOT TO SCALE

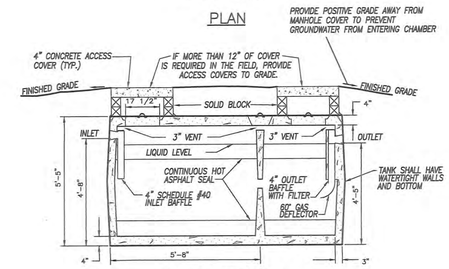


CONSTRUCTION ENTRANCE

NOT TO SCALE



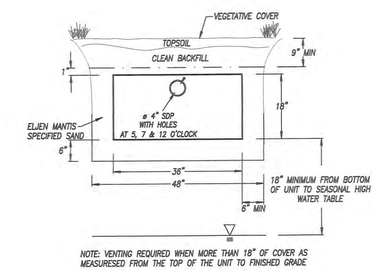
PLAN



CROSS SECTION

1000 GALLON
2 COMPARTMENT
SEPTIC TANK

NOT TO SCALE



MANTIS 536-8 INSTALLATION

NOT TO SCALE

STATE OF CONNECTICUT
No. 21267
LICENSED PROFESSIONAL ENGINEER

ENGINEER — DATE 4/18/22

DETAIL SHEET
SEPTIC SYSTEM DESIGN PLAN
PREPARED FOR

THOMAS DOLAN

Received
APR 1 9 2022
Thompson Wetlands Office

NEW ROAD
THOMPSON, CONNECTICUT

REVISIONS	
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Appl #AA22009

C:\Users\Dave\Desktop\JOBS\203084\Drawings\SSD LOT SC-2 rev 4-18-22.dwg Apr 18, 2022 - 3:42 PM

Agenda Item E.b) 2. New Applications

IWA22010, Mark Simon, 0 Sand Dam Rd (Assessor's map 133, block 24, lot 63), fill wetlands for driveway crossing & new home, septic and well mostly in 100-foot upland review area, stamped received 5/3/22, to be statutorily received 5/10/22.

dotloop signature verification: dtlp.us/yuBJ-pNVD-KjAU

If you need assistance, contact the IWWC business office at 860- 923-1852 Fax 860-923-9897

Date May 2, 2022

1) Name of Applicant Mark Simon

Home Address 71 Fairway Drive, Sutton MA 01590

Home Tele & Hrs 978-503-8224 Business Tele & Hrs n/a

Business Address mark.w.simon@saint-gobain.com

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) Nancy and David Thomas

Home Address 76 Trout Stream Road, Vernon CT 06066

Business Address n/a

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 CL&P 863
Street or Road Location Babula and Sand Dam Roads
Tax Assessor's Map # 133
Block # 24
Lot # that appears on site plan 63
Deed Info : Volume # 888
Page # 131

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

Soil Types Scarboro Muck and Hinckley Loamy Sand
Wetland Soils ✓ (Swamp ✓ Marsh____ Bog____ Vernal Pool____)
Watercourses ✓ (Lake or Pond____ Stream or River_____ Intermittent Stream ✓)
Floodplain - Yes **No**

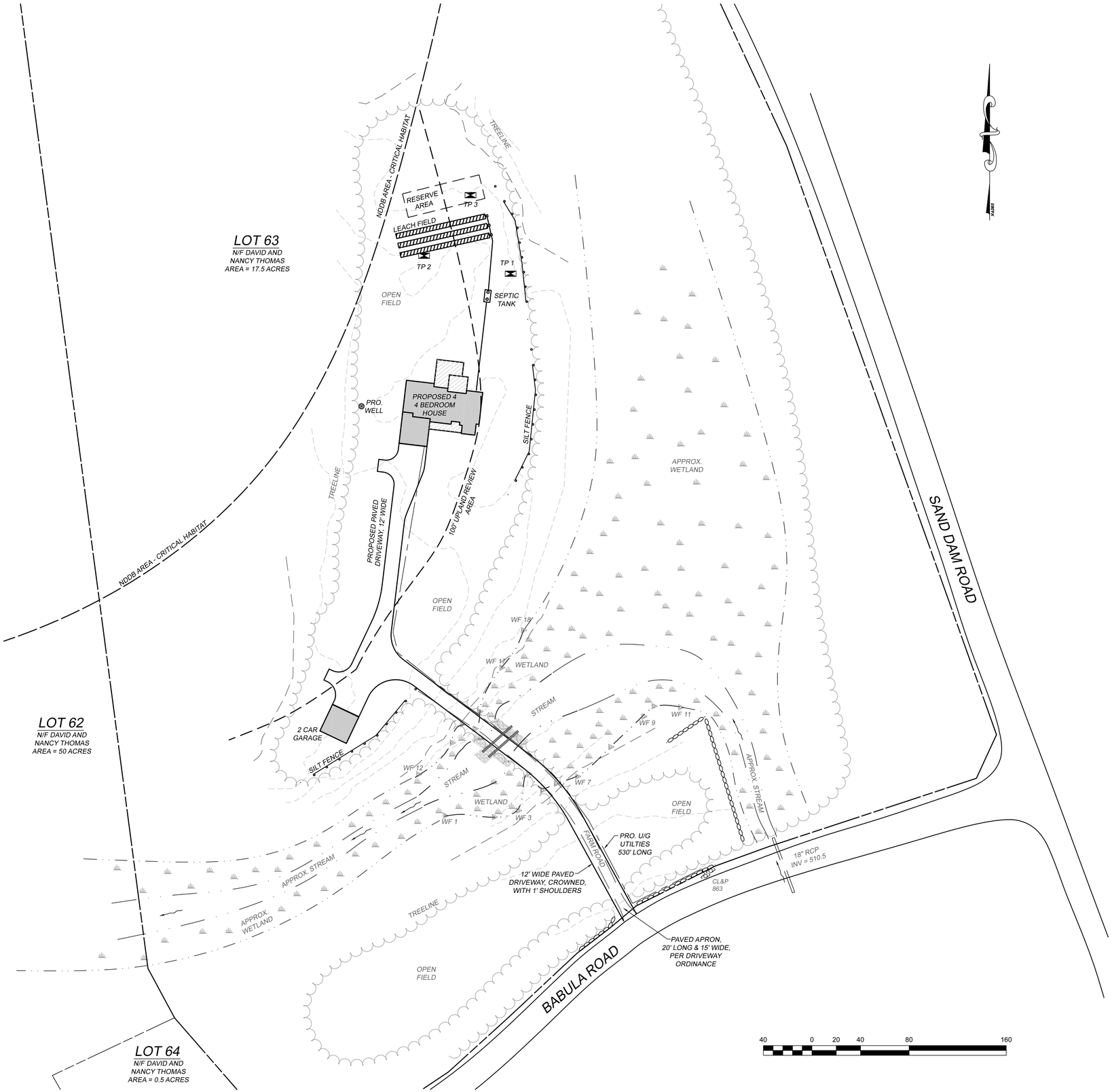
6) Purpose and Description of the Activity for which Approval is requested:

a. Give a complete description of the proposed activity Construction of a new single family home and septic system within the Upland Review Area. Construction of the driveway will require an existing wetland crossing to be improved.

If the above activity involves deposition or removal of material, what is the quantity? 110 CY

GENERAL CONSTRUCTION NOTES:

1. LOCATIONS OF UNDERGROUND UTILITIES HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. THE CONTRACTOR SHALL NOTIFY CALL BEFORE YOU DIG AND FIELD VERIFY THE LOCATION, DEPTH AND ALIGNMENT OF ALL EXISTING PIPES, CABLES, ETC.
2. CONSTRUCTION SHALL BE IN CONFORMANCE WITH CONNDOT FORM 818 UNLESS OTHERWISE NOTED ON THE PLANS. UTILITY INSTALLATION SHALL BE IN CONFORMANCE WITH THE APPROPRIATE UTILITY COMPANY.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH EACH UTILITY AND ALL COSTS ASSOCIATED WITH THE PROTECTION OF EXISTING FACILITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN IN SERVICE ALL EXISTING PIPING UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
4. TYPICAL DETAILS SHOWN ARE TO ILLUSTRATE THE ENGINEER'S INTENT AND ARE NOT PRESENTED AS A SOLUTION TO ALL CONSTRUCTION PROBLEMS ENCOUNTERED IN THE FIELD. THE CONTRACTOR MAY SUBMIT PROPOSALS FOR ALTERNATE METHODS TO SUIT FIELD CONDITIONS.



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 TYPE: GENERAL LOCATION AND TOPOGRAPHIC

BOUNDARY DETERMINATION CATEGORY: N/A

HORIZONTAL ACCURACY: CLASS B
VERTICAL ACCURACY: CLASS T-2

PURPOSE: TO PERMIT THE CONSTRUCTION OF A SINGLE FAMILY HOME WITH A WETLAND CROSSING

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

DENNIS BLANCHETTE DATE LICENSE #

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE
© 2022 J&D CIVIL ENGINEERS, LLC

LEGEND

- EXISTING PROPERTY LINE
- ABUTTING PROPERTY LINE
- BUILDING SETBACK
- EDGE OF EASEMENT
- STONE WALL
- UTILITIES
- TREELINE
- EDGE OF WATER
- WETLAND SOILS
- 100' UPLAND REVIEW AREA
- FARM ROAD

APPROVED
INLAND WETLANDS COMMISSION

CHAIRMAN DATE

SITE DEVELOPMENT PLAN
PREPARED FOR
MARK SIMON
0 SAND DAM ROAD - THOMPSON, CT
MAP 133 - BLOCK 24 - LOT 63

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

DESIGNED: DDB
CHECKED: JAB
REVISIONS:

JOB NO: 22140 | DATE: MAY 2, 2022
SCALE: 1" = 40' | SHEET: 1 OF 3

TEST PIT RESULTS

OBSERVED BY: xxxxxxxxxxxxxxxx
DATE: xxxxxxxxxxxxxxxxxx

PIT NO. X

0" - xx" (DESCRIPTION)

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

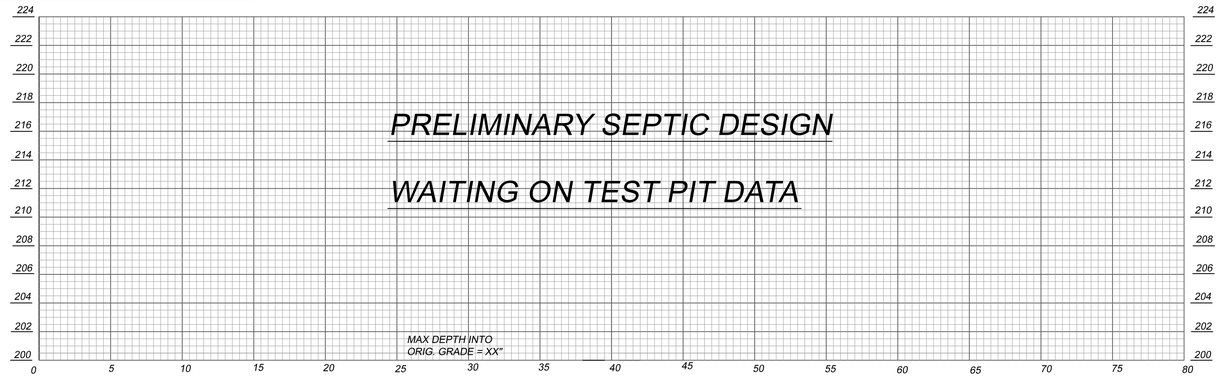
PERC.TEST RESULTS

OBSERVED BY: xxxxxxxxxxxxxxxx
DATE: xxxxxxxxxxxxxxxx

HOLE X - NEAR TP X

TIME	READING
x:xx	x.xx"

DEPTH: xx"
RATE: x.x MIN/IN



LEACHING FIELD CROSS SECTION A-A

1" = 5'

SEPTIC SYSTEM DESIGN CRITERIA

NUMBER OF BEDROOMS: 4

SEPTIC TANK: 1500 GALLON

PERC RATE: XX MINS/INCH

MOTTLING: 32"; LEDGE: N/A; WATER: N/A; RL: 32"; SLOPE:

LEACHING AREA REQUIRED: XXX SQUARE FEET

LEACHING AREA PROVIDED: XXX' OF TRENCHES, 48" WIDE, = XXX SQUARE FEET

MLSS (PRIMARY) = 59' (HF=26, PF=1.5, FF=1.5)

LSS PROVIDED = 75'

SPECIFICATIONS

SEPTIC SYSTEM INSTALLATION SHALL BE IN ACCORDANCE WITH THE "CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS".

THE BUILDING, SEPTIC SYSTEM, AND WELL SHALL BE ACCURATELY STAKED IN THE FIELD BY A LICENSED SURVEYOR OR ENGINEER PRIOR TO CONSTRUCTION.

ALL PRECAST STRUCTURES SUCH AS SEPTIC TANKS AND DISTRIBUTION BOXES SHALL BE SET LEVEL ON SIX INCHES OF COMPACTED GRAVEL BASE.

SEPTIC TANK: TWO-COMPARTMENT TANK WITH OUTLET FILTER. INSTALL RISERS OVER TANK CLEANOUTS IF COVER OVER TANK EXCEEDS 1'.

DISTRIBUTION BOXES: 4 HOLE D-BOXES

HOUSE, EFFLUENT AND "TIGHT PIPE" FOR DRAIN OUTLETS: 4" PVC SCHEDULE 40, ASTM D 1785 OR ASTM D 2665 WITH RUBBER COMPRESSION GASKET ASTM D 3139 OR SOLVENT WELD COUPLINGS.

DISTRIBUTION PIPE: 4" PVC PERFORATED, LAID AT 2" PER 100'

POLYLOK PIPE SEAL AS MANUFACTURED BY SUPERIOR SEPTIC TANKS (OR EQUAL) SHALL BE USED TO SEAL SEPTIC TANK AND D-BOX INLETS AND OUTLETS. BOTTOM OF TRENCHES TO BE LEVEL.

TOPSOIL SHALL BE STRIPPED IN AREA OF LEACH FIELD AND THE SUBSOIL SCARIFIED PRIOR TO PLACEMENT OF SELECT SEPTIC FILL.

ALL SELECT FILL SHALL BE CLEAN BANK RUN GRAVEL, MEETING THE FOLLOWING REQUIREMENTS OF THE CT DEPT. OF PUBLIC HEALTH:

MAX. PERCENT GRAVEL (PLUS NO. 4 SIEVE MATERIAL) - 45%
GRADATION ON FILL LESS GRAVEL:

SIEVE	DRY PERCENT PASSING	WET PERCENT PASSING
NO. 4	100	100
NO.10	70-100	70-100
NO. 40	10-75	10-50*
NO. 100	0-5	0-20
NO. 200	0-2.5	0-5

* PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%.

SELECT FILL MUST PERC AT A RATE EQUAL TO OR FASTER THAN THE UNDERLYING SOIL.

SELECT FILL MATERIAL SHALL EXTEND A MINIMUM OF 10' BEYOND THE LOWEST TRENCH BEFORE TAPERING OFF.

THIS DESIGN IS BASED ON TEST PIT INFORMATION RECORDED BY NDDH. J & D HAS MADE NO INDEPENDENT INVESTIGATION OF SOIL CONDITIONS. THE CONTRACTOR IS ADVISED TO PERFORM SUFFICIENT SITE INVESTIGATION TO DETERMINE CONSTRUCTABILITY OF THE DESIGN PRIOR TO BIDDING OR COMMENCING WORK.

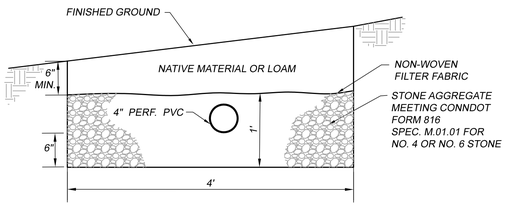
EROSION AND SEDIMENT CONTROL NOTES:

1. THE PROPOSED ACTIVITY ON THE SITE WILL CONSIST OF THE CONSTRUCTION OF A SINGLE FAMILY HOUSE, WELL, SEPTIC SYSTEM AND DRIVEWAY.

2. EROSION CONTROL DEVICES MUST BE INSTALLED WHERE INDICATED ON THIS SHEET PRIOR TO THE START OF CONSTRUCTION.

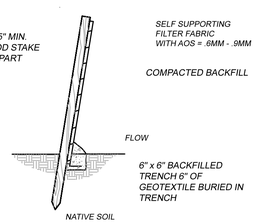
3. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM AND SEEDED OR STABILIZED WITH TEMPORARY MULCH AS SOON AS FINAL GRADES HAVE BEEN ATTAINED.

4. THE OWNER OF RECORD SHALL DESIGNATE THE ON SITE ENVIRONMENTAL AGENT RESPONSIBLE FOR REGULARLY CHECKING THE CONDITION OF THE EROSION CONTROL DEVICES AND REMOVING ACCUMULATED SEDIMENT.



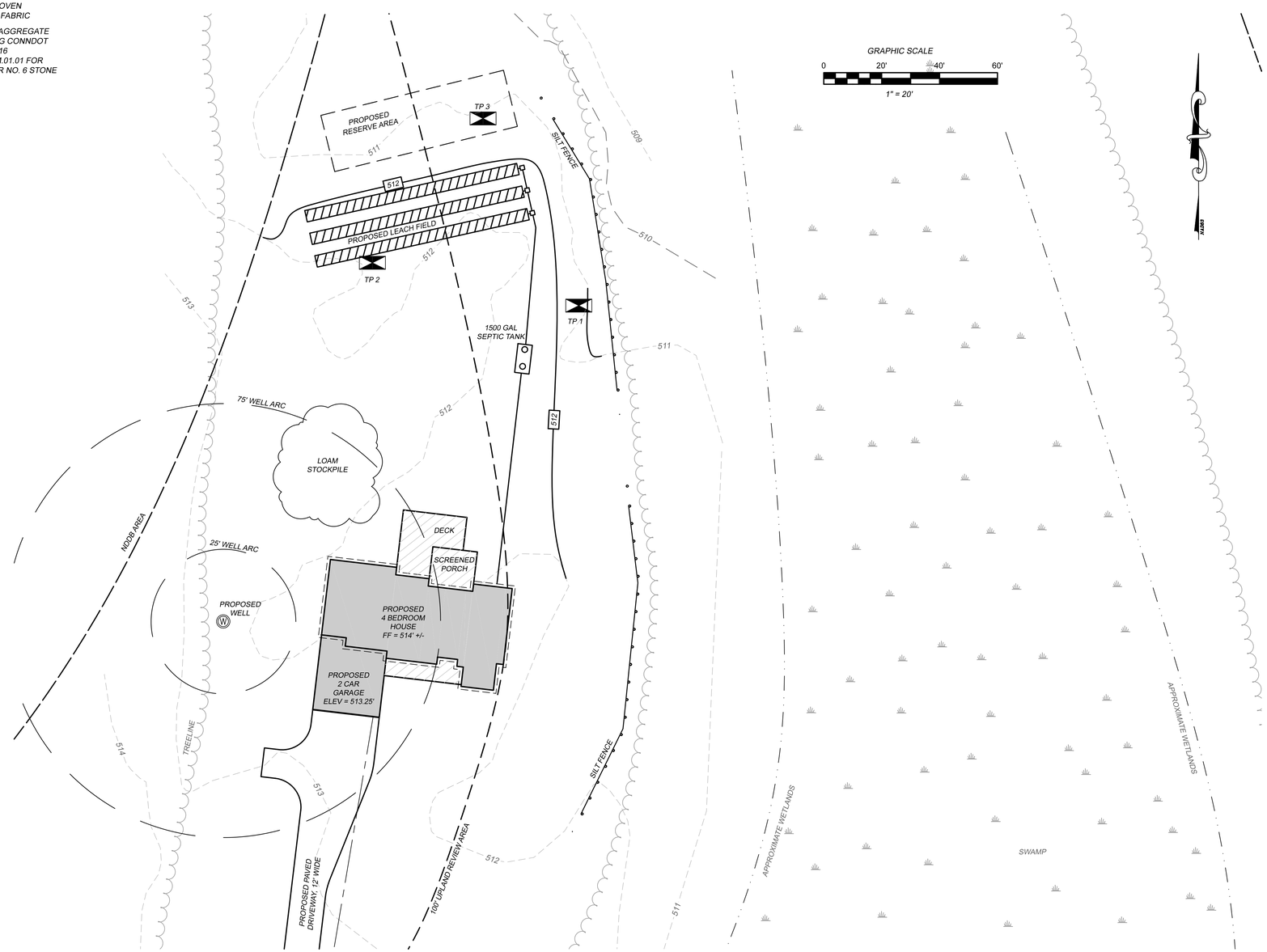
LEACHING TRENCH DETAIL

N.T.S.



SILT FENCE INSTALLATION

NOT TO SCALE



LEGEND

- BUILDING SETBACK LINE
- PROPERTY LINE
- EXISTING CONTOUR LINE
- 246 PROPOSED CONTOUR LINE
- EDGE OF WETLANDS
- WETLAND BUFFER/UPLAND REVIEW AREA
- EROSION CONTROL DEVICES
- TEST PIT
- LEACHING TRENCH
- STONEWALL
- UTILITIES
- TREELINE

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 TYPE: GENERAL LOCATION AND TOPOGRAPHIC

BOUNDARY DETERMINATION CATEGORY: N/A

HORIZONTAL ACCURACY: CLASS B
VERTICAL ACCURACY: CLASS T-2

PURPOSE: TO PERMIT THE CONSTRUCTION OF A SINGLE FAMILY HOME WITH A WETLAND CROSSING

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

DENNIS BLANCHETTE DATE LICENSE #

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© 2022 J&D CIVIL ENGINEERS, LLC

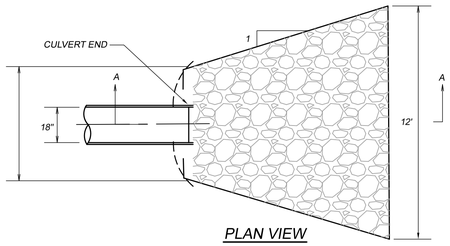
APPROVED
INLAND WETLANDS COMMISSION

CHAIRMAN DATE

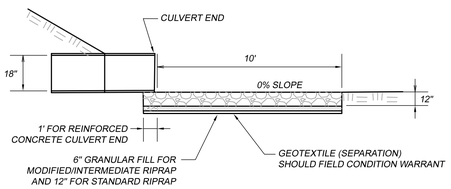
SEPTIC DESIGN PLAN
PREPARED FOR
MARK SIMON
0 SAND DAM ROAD - THOMPSON, CT
MAP 133 - BLOCK 24 - LOT 63

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

DESIGNED: DDB CHECKED: JAB	REVISIONS:
JOB NO: 22140	DATE: MAY 2, 2022
SCALE: 1" = 20'	SHEET: 2 OF 3



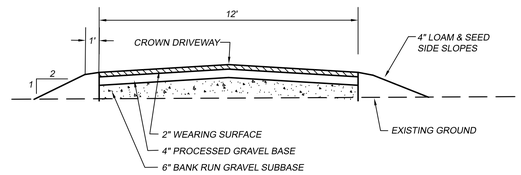
PLAN VIEW



SECTION A-A

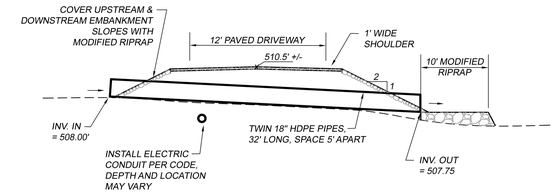
RIPRAP APRON - CULVERT OUTLET

NOT TO SCALE



TYPICAL DRIVEWAY SECTION

NOT TO SCALE



CULVERT DETAIL

NOT TO SCALE

1. THE CULVERT SHALL BE INSTALLED DURING A DRY PERIOD WHEN THERE IS NO FLOW IN THE WATERCOURSE AND NO PRECIPITATION IN THE IMMEDIATE FORECAST.
2. RIPRAP SHALL BE INSTALLED AS SOON AS POSSIBLE. ONCE THE PIPES ARE INSTALLED.
3. NO SEDIMENT SHALL BE ALLOWED TO ENTER THE WATERCOURSE. IF RAIN IS EXPECTED, ADDITIONAL EROSION CONTROL DEVICES SHALL BE INSTALLED, INCLUDING BUT NOT LIMITED TO SILT SOCKS AT THE TOE OF EMBANKMENT.

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.

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DENNIS BLANCHETTE DATE LICENSE #

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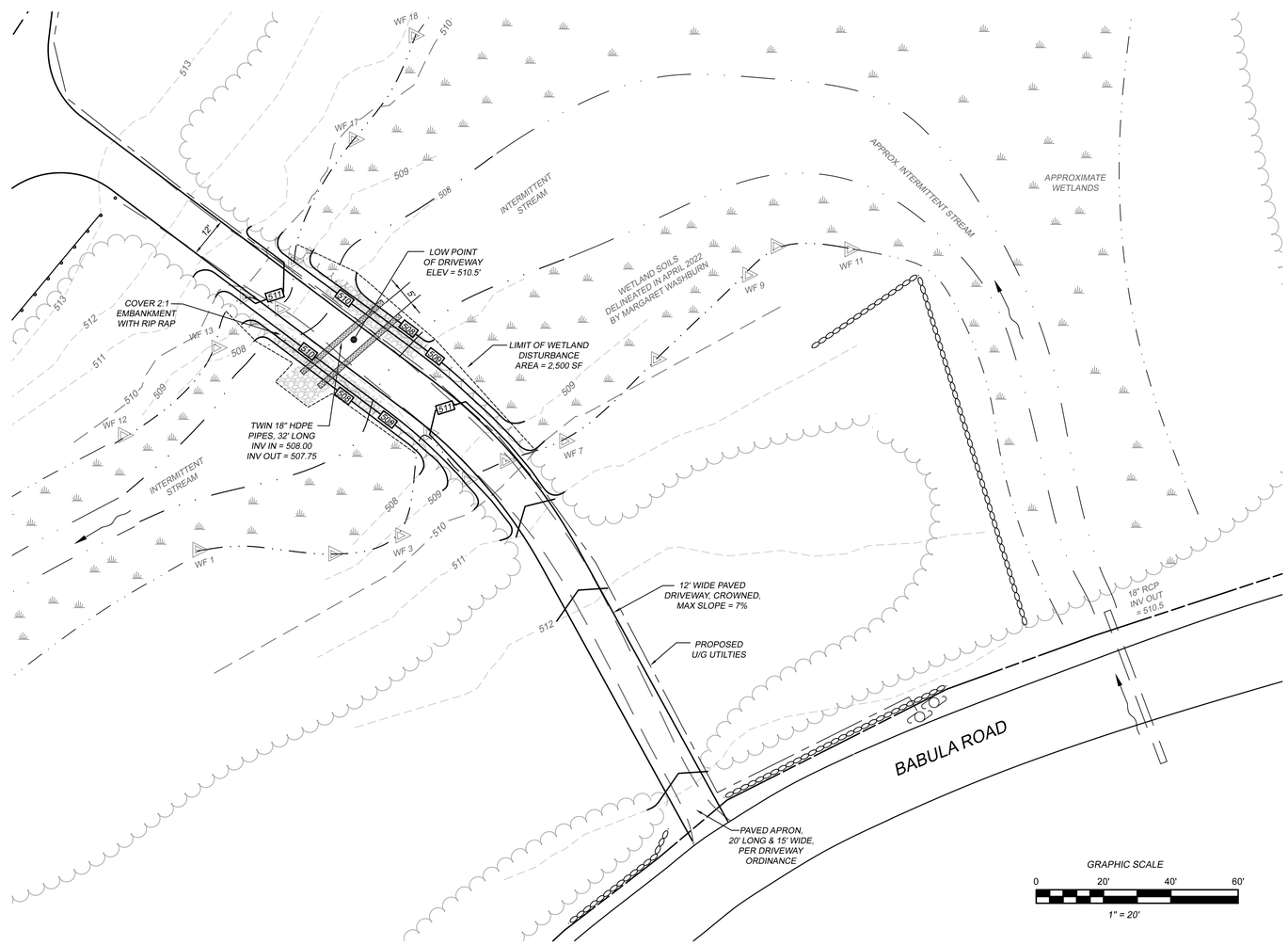
© 2022 J&D CIVIL ENGINEERS, LLC

EROSION AND SEDIMENT CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL 2002."
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THIS EROSION CONTROL PLAN.
3. THE GOAL OF EROSION CONTROL ON THIS PROJECT SHALL BE ENSURING THAT NO ERODED SEDIMENT TRAVELS INTO THE INTERMITTENT STREAM OR WETLANDS.
4. IF CONDITIONS WARRANT IT, THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL DEVICES BEYOND WHAT IS INDICATED ON THE PLAN TO MEET THE GOALS OF EROSION CONTROL.
5. THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES CONSISTING OF SILT FENCE, OR HAY BALES WHERE INDICATED ON THE PLANS PRIOR TO THE START OF EXCAVATION.
6. EROSION CONTROL DEVICES SHALL BE INSPECTED WEEKLY AND AFTER EVERY RAINFALL GREATER THAN 1" AND REPLACED PROMPTLY IF NEEDED.
7. EROSION CONTROL DEVICES WILL REMAIN IN PLACE UNTIL PERMANENT VEGETATION IS ESTABLISHED.
8. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM, AND SEEDED OR STABILIZED WITH TEMPORARY MULCH AS SOON AS POSSIBLE.

CULVERT CONSTRUCTION SEQUENCE

1. A LICENSED SURVEYOR WILL STAKE THE PROPOSED CONSTRUCTION IN THE FIELD AND ESTABLISH BENCHMARKS.
2. CUT TREES AND REMOVE STUMPS AS REQUIRED. NO STUMPS SHALL BE BURIED.
3. STRIP TOPSOIL AND STOCKPILE.
4. INSTALL AND COMPACT BEDDING FOR PIPES PER MANUFACTURERS INSTRUCTIONS.
5. PLACE AND CONNECT PIPES AND CONFIRM ELEVATIONS ARE ACCURATE.
6. INSTALL AND COMPACT BACKFILL AROUND PIPES.
7. INSTALL AND COMPACT BASE AND SUBBASE FOR DRIVEWAY.
8. CONSTRUCT 2:1 EMBANKMENT AND MATCH WITH EXISTING GRADE.
9. INSTALL MODIFIED RIP RAP ALONG SIDE SLOPES AS NOTED ON THE SITE PLAN.
10. INSTALL MODIFIED RIP RAP APRON AT OUTLET.
11. BEGIN CONSTRUCTION OF DRIVEWAY.



LEGEND

- EXISTING PROPERTY LINE
- ABUTTING PROPERTY LINE
- BUILDING SETBACK
- EDGE OF EASEMENT
- STONE WALL
- UTILITIES
- TREELINE
- EDGE OF WATER
- WETLAND SOILS
- 100' UPLAND REVIEW AREA
- FARM ROAD

APPROVED
INLAND WETLANDS COMMISSION

CHAIRMAN DATE

WETLAND CROSSING PLAN
PREPARED FOR
MARK SIMON
0 SAND DAM ROAD - THOMPSON, CT
MAP 133 - BLOCK 24 - LOT 63

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

DESIGNED: DDB
CHECKED: JAB
REVISIONS:

JOB NO: 22140 | DATE: MAY 2, 2022
SCALE: 1" = 20' | SHEET: 3 OF 3

J & D CIVIL ENGINEERS, LLC

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

May 2, 2022

Town of Thompson
Inland Wetlands Department
815 Riverside Drive
North Grosvenordale CT

RE: Job #22140
Project Narrative for Construction of
Single Family Home and Wetland Crossing
Lot 63, 0 Sand Dam Rd, Thompson

Dear Commission Members:

At the request of our client Mark Simon, J&D Civil Engineers is submitting a wetland permit application to construct a single family home and wetland crossing. The project is located on the north side Babula Road, just west of the intersection with Sand Dam Road. This property is approximately 18 acres in size, with approximately 50% wetlands and 50% uplands. There an agricultural field near the center of the site, where Mr. Simon would like to build his house. To access the agricultural field, there is an existing farm road that crosses the wetland and intermittent stream. The following narrative describes the project in detail, including existing conditions and construction. For more information, please see the maps and photographs at the end of this report, and the site plan which is included separately.

Most of the wetlands on site, and the wetlands that discharge to the intermittent stream, are considered “Significant Wetlands,” according to maps on the town’s website. The wetlands south of Babula Road are classified as “Wooded Swamp Mixed (WS-2) on the town’s Inland Wetland Inventory. Portions of the house and septic system are located in the upland review area, and no wetland impacts are anticipated from their construction. The driveway will require the installation of a culvert, and approximately 2,500 square feet of wetlands will be disturbed as a result. The western portion of the site is classified as “Critical Habitat,” according to the state DEEP’s Natural Diversity Database program. There is no construction of any kind proposed within this critical habitat.

The intermittent stream flows north out of a large wetland, and crosses under Babula Road before entering the site. The town of Thompson has an 18 inch diameter pipe, which appears to have been constructed recently, that conveys water under the road. The watershed that discharges through the town culvert is estimated at 170 acres in area. The driveway

wetland crossing is approximately 350 feet downstream of the Babula Road culvert. The watershed that discharges across the driveway is estimated at 178 acres in area. Therefore the total increase in watershed area is approximately 5%. Constructing a new culvert with double the capacity of the upstream culvert just upstream is conservative for such a small increase in watershed.

The wetland crossing will involve the installation of two 18" diameter corrugated plastic pipes. The pipes will be spaced 5 feet apart, to account for the wide channel in this location. There will be one foot of clean fill and gravel filled over the pipes. The driveway will be surfaced with gravel, and will be 12 feet wide with a 1 foot shoulder on both sides. From the shoulders, there will be a 2:1 slope down to match in with existing grades. The steep 2:1 slope will be protected with a layer of modified riprap, to prevent scour and erosion. All other areas will be loamed and seeded. Please see the site plans for full construction notes and details for the wetland crossing.

Due to the proximity of significant wetlands with the potential for endangered species, many design alternatives were considered. The design shown on the site plan represents the most environmentally friendly alternative in J&D's opinion. The wetland crossing will involve a disturbance of approximately 2,600 square feet of wetlands. However, almost half of this disturbance is within the limits of the existing wetland crossing. By reusing the existing wetland crossing, only a few small (3 – 4 inch diameter) trees will need to be cut. The wetlands are slightly narrower to the west, and a new crossing in this location might technically disturb a smaller area. However, many large trees would need to be cut, so this alternative was rejected, and the existing crossing will be reused. The owner would prefer to install a wider driveway with gentle side slopes, however this would have increased the area of disturbance and was also rejected. The house and septic system have been located outside of the NDDB Critical Habitat, and no construction of any kind is proposed in that area. The house and septic have been located as far from the eastern wetlands as possible, and by using the existing field, will not require any trees to be cut.

In J&D's opinion, this project should have no detrimental effects on the local wildlife or wetlands. After construction, the site will be less than 1% impervious, so the increase in stormwater runoff is negligible. Since the site is currently used for agriculture, converting the fields into lawn should not require the use of extra fertilizers or pesticides. The applicant has situated the house, septic, and driveway to minimize any tree clearing or grading. We look forward to working with the Inland Wetland Commission to make this project a success. Please let me know if you have any questions.

Sincerely,

signature
Daniel Blanchette, PE

Appendix I – Maps and Images

Image 1: Aerial with Wetlands

Image 2: Aerial View of Wetland Crossing

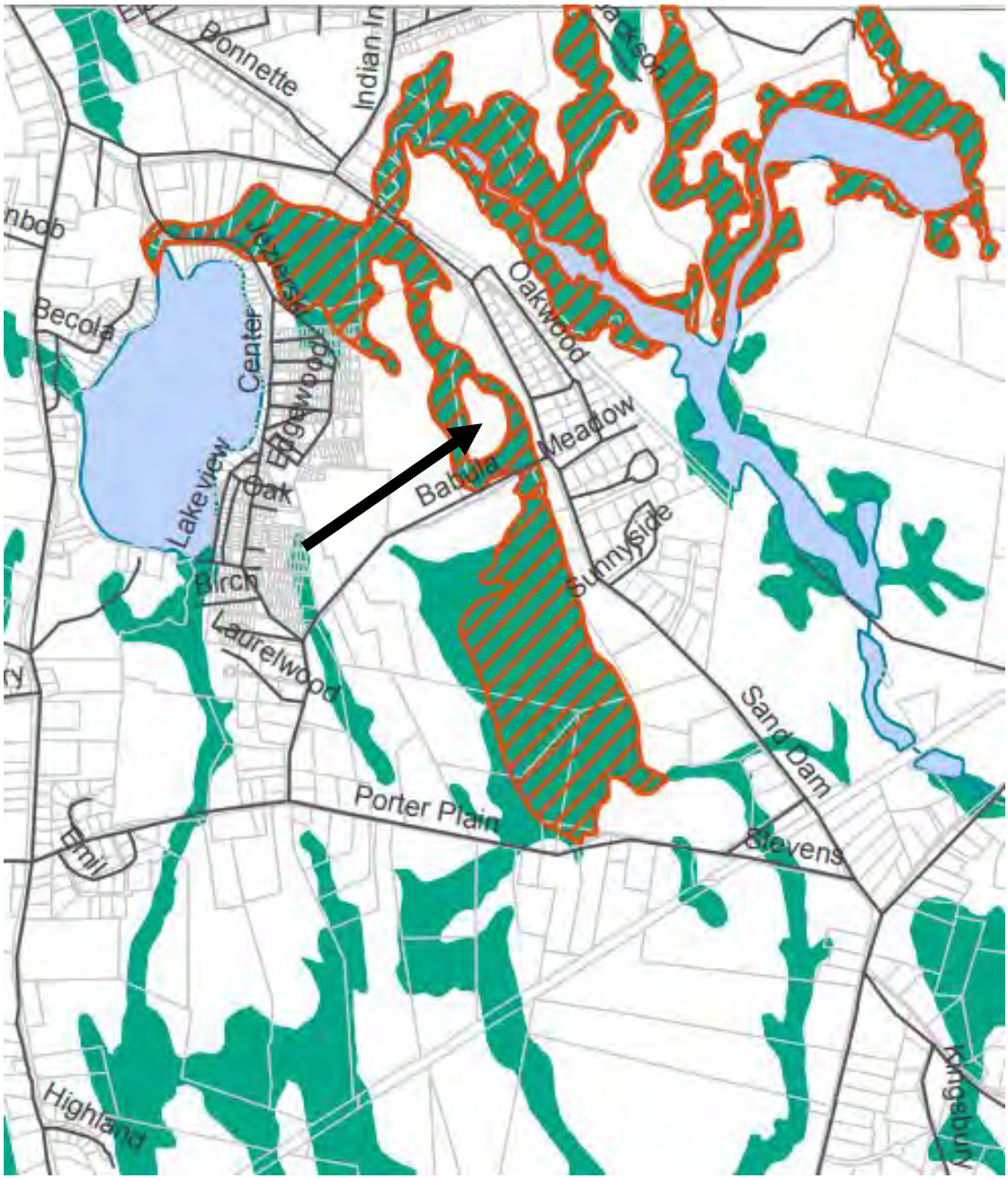


Image 3: Noteworthy Wetlands

Appendix II - Photographs

Image 1: Wetland Crossing (Looking North, Towards Field)

Image 2: Wetland Crossing (Looking South, Towards Road)

Agenda Item E.b) 3. New Applications

IWA22011, D.H. Copeland Builder, Inc, 119 New Road (Assessor's map 154, block 3, lot 2I), 10-foot extension of 15" culvert under existing driveway to widen driveway by 6', electronically received 5/5/22, to be statutorily received 5/10/22. Note: Driveway was initially authorized by WAA21016.

for commission use: rev 1/11
application # IWA22011
date received May 5, 2022

PERMIT APPLICATION

TO CONDUCT A REGULATED ACTIVITY

Town of Thompson

INLAND WETLANDS COMMISSION
815 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CT 06255

Received
MAY 0 5 2022
Thompson Wetlands Office

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.

If you need assistance, contact the IWWC business office at 860- 923-1852 Fax 860-923-9897

Date 5/4/22

1) Name of Applicant D.H. Copeland Builders

Home Address 365 Woodstock Ave, Putnam CT 06260

Home Tele & Hrs 860-928-2400 Business Tele & Hrs 860-928-2400

Business Address 365 Woodstock Ave, Putnam CT 06260

2) Applicant's interest in the Property: _____Owner ✓ Other General contractor

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) Alexander & Deborah Kennett

Home Address 119 New Road, Thompson CT 06255

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 SNET 3355
Street or Road Location 119 New Road, Thomspon
Tax Assessor's Map # 154
Block # 3
Lot # that appears on site plan 2I
Deed Info : Volume # _____
Page # _____

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

Soil Types Sandy loam & Gravel
Wetland Soils _____ (Swamp_____ Marsh_____ Bog____ Vernal Pool____)
Watercourses _____ (Lake or Pond____ Stream or River_____ Intermittent Stream ✓)
Floodplain - Yes / No

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

a. Give a complete description of the proposed activity

Widening the driveway by 6' and extending the 15" pipe under the driveway by 10' so that emergency vehicles can turn into the property safely.

If the above activity involves deposition or removal of material, what is the quantity? _____

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)_____
Straw bales will be placed to avoid sediment making it the the under road culvert.

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? No 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:

Douglas Gray - Lot 2J New Road

Kevin Calabro - 117 New Road, Thompson CT

11) Estimated start date June 2022

Estimated date of completion (all disturbed areas are stabilized) June 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, 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	5/4/22 Date
Deborah M Kissett Consent of Landowner if other than applicant	5/4/22 Date

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

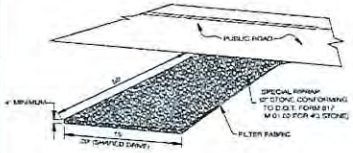
NOTES:

1. THIS MAP AND SURVEY HAVE BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS A GENERAL LOCATION SURVEY BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS "C" AND A TOPOGRAPHIC SURVEY CONFORMING TO TOPOGRAPHIC ACCURACY CLASS T-2. CONTOUR INTERVAL = 2 FEET. VERTICAL DATUM IS ASSUMED. THIS MAP HAS BEEN PREPARED FROM OTHER MAPS, RECORD RESEARCH, LIMITED FIELD MEASUREMENTS AND OTHER SOURCES. IT IS NOT TO BE CONSTRUED AS A PROPERTY/BOUNDARY OR LIMITED PROPERTY/BOUNDARY SURVEY AND IS SUBJECT TO SUCH FACTS AS SAID SURVEYS MAY DISCLOSE. THE PURPOSE OF THIS MAP AND SURVEY IS TO OBTAIN STATE AND MUNICIPAL PERMITTING FOR THE CONSTRUCTION OF A SINGLE FAMILY RESIDENCE.

2. REFERENCE MAP: "ROCKY BROOK ESTATES" TO BE DEVELOPED BY RIVER JUNCTION ESTATES, LLC - NEW ROAD, THOMPSON, CONNECTICUT FEBRUARY 2006 - SHEET 2 OF 8 - BY: MCSSIER & ASSOCIATES, INC.

3. SUBJECT PROPERTY IS SHOWN AS MAP 154, BLOCK 3, LOT 21 OF THE THOMPSON ASSESSOR'S RECORDS.

4. ZONE: RA-80



ANTI-TRACKING PAD
NOT TO SCALE

SEPTIC SYSTEM DESIGN CRITERIA

PERC RATE: 10 MINS/INCH

NUMBER OF BEDROOMS: 3

SEPTIC TANK: 1000 GALLON

LEACHING AREA REQUIRED: 495 SQUARE FEET

LEACHING AREA PROVIDED: 165 LF OF STANDARD LEACHING TRENCHES (@ 3.0 S.F. / L.F. = 495 SQUARE FEET.

MOTTLING: 24", LEDGE: n/a, WATER: n/a

MLSS CALCULATION: SLOPE: 4.1-6%, RESTRICTIVE LAYER: 24" (HF=.34)
3 BEDROOMS (FF=1.5)
PERC. RATE: 10 MIN./INCH (PF=1.0)
MLSS = (HF)x(FF)x(PF) = .34 x 1.5 x 1.0 = 51 L.F.

MLSS PROVIDED: 55'

MAXIMUM DEPTH INTO EXISTING GRADE: 6'

SPECIFICATIONS

SEPTIC SYSTEM INSTALLATION SHALL BE IN ACCORDANCE WITH THE "CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS".

SEPTIC TANK: JOLLEY PRECAST, INC. OR EQUAL TWO-COMPARTMENT TANK WITH OUTLET FILTER. INSTALL RISERS OVER TANK CLEANOUTS IF COVER OVER TANK EXCEEDS 1'.

DISTRIBUTION BOX: JOLLEY OR EQUAL 4 HOLE D-BOX

HOUSE AND EFFLUENT SEWER PIPE: 4" PVC ASTM D 1785, ASTM D 2665, OR ASTM F 1760 SCHEDULE 40 WITH RUBBER COMPRESSION GASKETS OR PVC AWWA C-900 WITH RUBBER COMPRESSION GASKETS.

DISTRIBUTION: 4" PERFORATED PVC LAID @ 2" PER 100' IN 4' W x 12" D STONE FILLED TRENCH, SERIAL DISTRIBUTION.

POLYLOK PIPE SEAL AS MANUFACTURED BY SUPERIOR SEPTIC TANKS (OR EQUAL) SHALL BE USED TO SEAL SEPTIC TANK AND D-BOX INLETS AND OUTLETS.

BOTTOM OF TRENCHES TO BE LEVEL.

SELECT FILL SHALL BE CLEAN BANK RUN GRAVEL, MEETING THE FOLLOWING REQUIREMENTS OF THE CT DEPT. OF PUBLIC HEALTH:
MAX. PERCENT GRAVEL (PLUS NO. 4 SIEVE MATERIAL) - 45%
GRADATION ON FILL LESS GRAVEL

SIEVE	DRY PERCENT PASSING	WET PERCENT PASSING
NO. 4	100	100
NO.10	70-100	70-100
NO. 40	10-75	10-60*
NO. 100	0-5	0-20
NO. 200	0-2.5	0-5

* PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%.
FILL MUST PERC AT A RATE EQUAL TO OR FASTER THAN THE UNDERLYING SOIL

SOIL TEST DATA

FILE NO. 20000108

SOIL TESTING PERFORMED 3/11/2020 BY N.D.D.H.

TP 6-1
0-16" DISTURBED MATERIAL
16-24" BURIED TOPSOIL
24-38" GRAY VERY FINE SANDY LOAM/SILTY
39-100" MEDIUM COARSE SAND & GRAVEL, BONEY
NO MOTTLING
NO WATER
NO LEDGE
RESTRICTIVE LAYER AT 24"

TP 6-2
0-24" DISTURBED MATERIAL
24-37" GRAY VERY FINE SANDY LOAM/SILTY
37-82" MEDIUM COARSE SAND & GRAVEL
82-101" GROUNDWATER
MOTTLING AT 37"
WATER AT 82"
NO LEDGE

TP 6-3
0-12" TOPSOIL
12-32" ORANGE-BROWN FINE SANDY LOAM w/ GRAVEL
32-42" MEDIUM COARSE SAND w/ GRAVEL
42-96" GROUNDWATER
MOTTLING AT 32"
WATER AT 42"
NO LEDGE

TP 6-4
0-12" TOPSOIL
12-24" ORANGE-BROWN FINE SANDY LOAM
24-37" MEDIUM LOAMY SAND w/ GRAVEL
37-96" GROUNDWATER
MOTTLING AT 24"
WATER AT 37"
NO LEDGE

SOIL TESTING PERFORMED 5/6/2021 BY N.D.D.H.

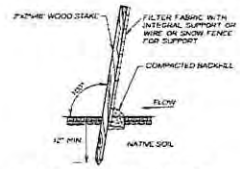
TP 8C
0-9" TOPSOIL/ROOTS
9-30" ORANGE-BROWN SANDY LOAM
30-75" LT. BROWN TIGHT MEDIUM COARSE SAND & GRAVEL
NO MOTTLING
WATER AT 77"
NO LEDGE
RESTRICTIVE LAYER AT 45"

TP 8D
0-9" TOPSOIL/ROOTS
9-24" ORANGE-BROWN SANDY LOAM
24-60" LT. BROWN TIGHT MEDIUM COARSE SAND & GRAVEL
NO MOTTLING
WATER AT 40"
NO LEDGE
RESTRICTIVE LAYER AT 24"

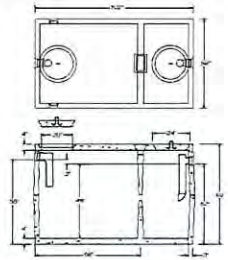
PERCOLATION TEST DATA
TESTING PERFORMED 5/6/2021 BY NDDH

TIME	READING
11:24	10.5"
11:34	11.5"
11:44	12.5"
11:54	13.5"
12:04	14.5"

RATE: 10.0 MIN./INCH AT 24" DEPTH

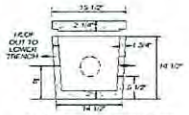


SILT FENCE INSTALLATION
NOT TO SCALE

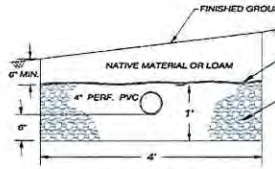


DESIGN NOTES
1) JOINTS TO BE SEALED WITH BUTYL RUBBER SEALANT
2) INLETS AND OUTLETS TO HAVE STATE APPROVED SEALS
3) USE 8" HEAVY DUTY TOP IF SPECIFIED.
4) MUST MEET ASTM C 1227-97A
5) CONCRETE STRENGTH SHALL BE 5000 PSI, MIN. 28 DAYS

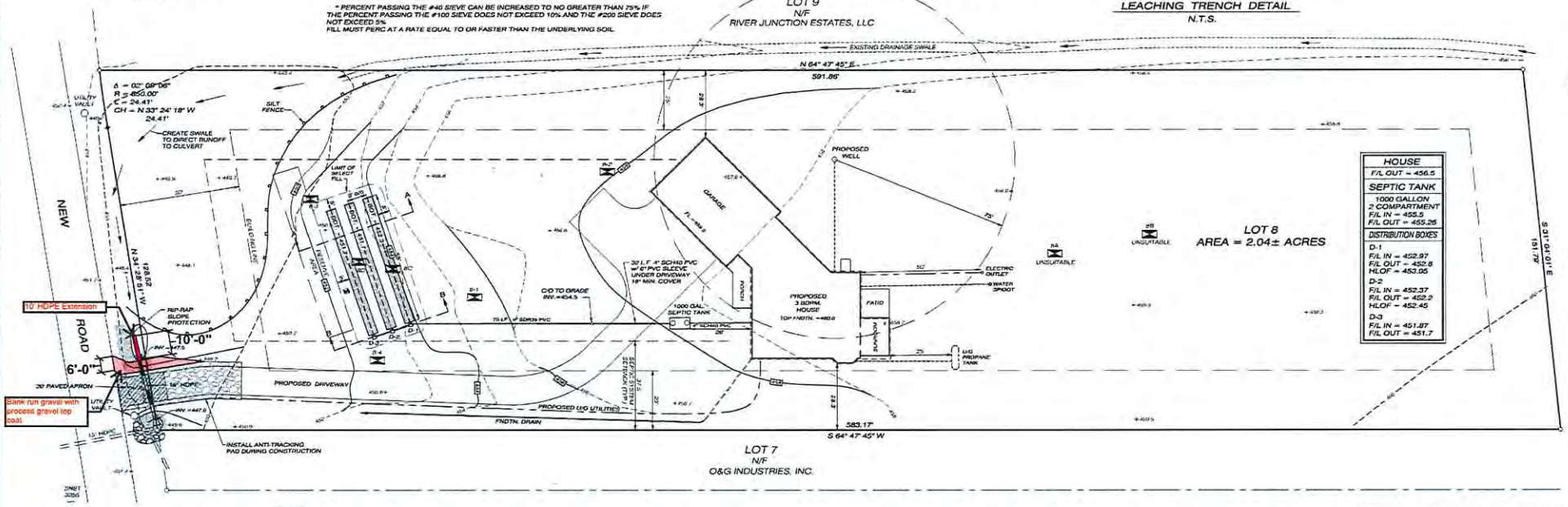
1000 GALLON
TWO-COMPARTMENT SEPTIC TANK
N.T.S.



HLOF DISTRIBUTION BOX
N.T.S.

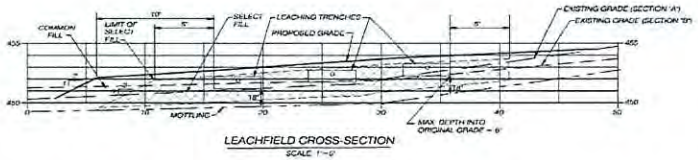


LEACHING TRENCH DETAIL
N.T.S.



LEGEND

o	IRON ROD/IRON PIPE FOUND
450	EXISTING CONTOUR
+454.2	EXISTING SPOT GRADE
450	PROPOSED CONTOUR
	TEST PIT
	EROSION CONTROL BARRIER



LEACHFIELD CROSS-SECTION
SCALE 1"=5'

UNDERGROUND UTILITY LOCATIONS ARE TO BE MARKED IN THE FIELD PRIOR TO ANY EXCAVATION
"CALL BEFORE YOU DIG" 1 800 922 4455 OR 811

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

PAUL A. TERWILLIGER, L.S. NO. 70155 — 6/15/2021 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE EMBOSSED SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

GENERAL LOCATION SURVEY

SEPTIC SYSTEM DESIGN PLAN

PREPARED FOR

ALEXANDER KENNETT
DEBORAH KENNETT

NEW ROAD
THOMPSON, CONNECTICUT

DATE: JUNE 2021
SCALE: 1" = 20'

0 10' 20' 40' 60'

SURVEYING • MAPPING • PLOT PLANS
LAND RECORD RESEARCH
NO DIVERSE • INDIVIDUALS

63 SNAKE MEADOW RD
KILLINGLY, CT 06239
860 774 6230

SHEET NO: 1 OF 1
REVISED:

JOB NO. 21013 | F.B. NO: 226 | DRAWN BY: P.A.T. | MAP NO:

SEPTIC SYSTEM DESIGN BY:
Killingly Engineering Associates
114 Westcott Road
P.O. Box 42
Danielson, Connecticut 06239

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

Received
MAY 0 5 2022

Thompson Wetlands Office

Re: 119 New road, Thompson - Driveway extension - Permit WAA21016

Marla Butts <wetlands@thompsonct.org>

Tue 4/19/2022 3:55 PM

To: Sean Copeland <sean@builtbycopeland.com>

Cc: Charles Obert <cobert@thompsonct.org>;Doug Gray (New Rd) <dg2442@yahoo.com>;Mike Flanagan <mflanagan@builtbycopeland.com>;Deborah Kennett <camelotdmh@gmail.com>

Sean, Because I have received several emails regarding drainage changes in the area since the completion of the gravel mining operation several years ago and subsequent house construction, it is my plan to inspect this area of New Road this coming Thursday morning to see what the conditions are and determine what approval, if any, are needed for your proposed work at 119 New Road. I will also be looking at the drainage from 117 New Road to see how it may impact the neighboring properties, including 119 New Road. Thank you for your continued cooperation. - Marla, Thompson Wetlands Agent

---

From: Sean Copeland <sean@builtbycopeland.com>
Sent: Tuesday, April 12, 2022 9:09 AM
To: Marla Butts <wetlands@thompsonct.org>
Cc: Mike Flanagan <mflanagan@builtbycopeland.com>; Deborah Kennett <camelotdmh@gmail.com>
Subject: 119 New road, Thompson - Driveway extension

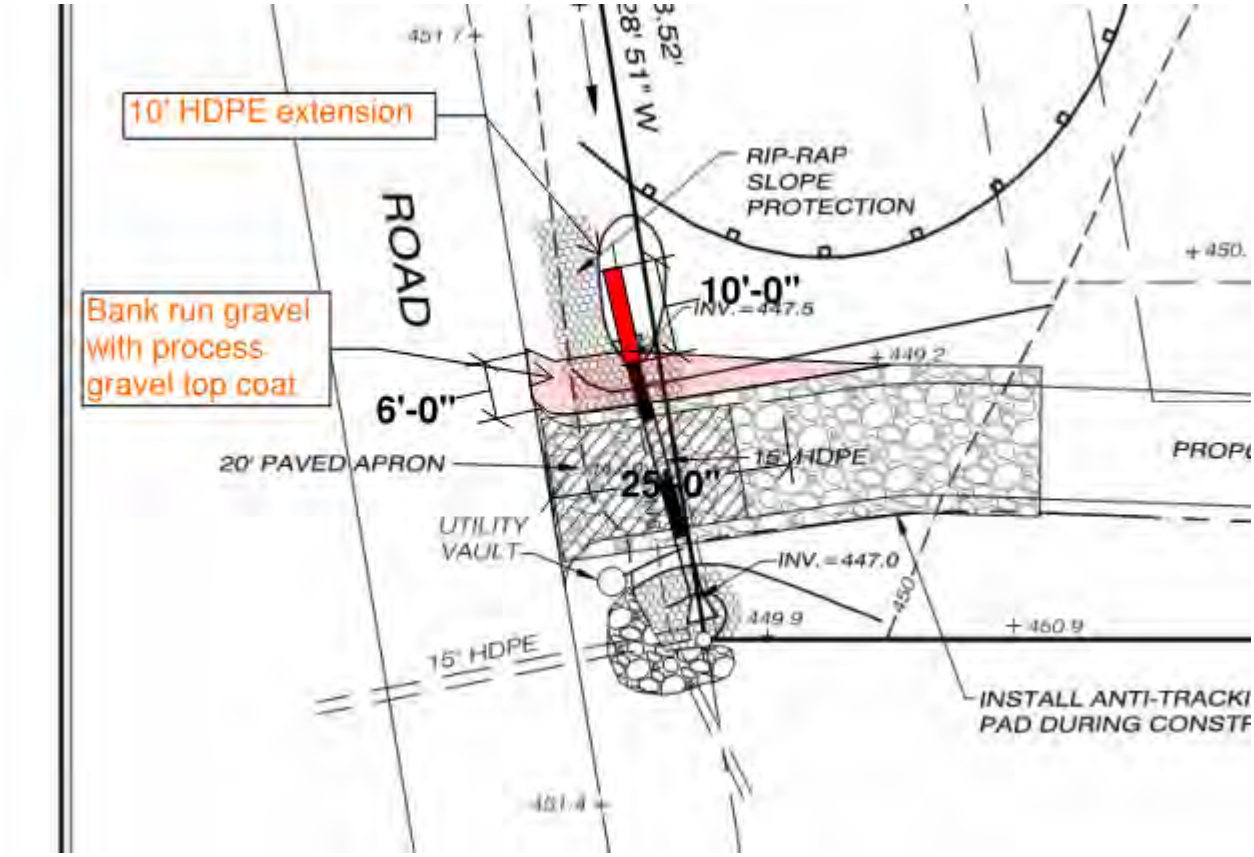
Marla,

Please find a snapshot of the driveway extension I am proposing at 119 new road, Thompson below. I am proposing to amend my previous wetland approval WA21016 to widen the driveway where entering from the road by approx. 6’ at the top of the driveway. To achieve the widening we will need to extend the HDPE pipe by 10’ and install new bank run gravel, new process gravel top coat, and move the rip rap slope stabilization. During this process we will protect the under road culvert which leads to the wetlands with haybales.

The reason for this request is I do not believe a firetruck could make the corner onto the property safely and my owner would love to increase their margin of error when pulling in.

If there is anything else I can provide please let me know.

Thanks, Sean



Attachments: Kennett driveway extension sketch/ Kennett wetlands approval.

Sean Copeland, President

Copeland Builders, Inc.
365 Woodstock Ave, Putnam, CT 06260
T: 860-928-2400 C: 860-234-9881

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

F) Applications Received After Agenda was Published

None

Agenda Item G.a) Permit Extensions / Changes

Request for Transfer WAA22004, 0 New Road (Assessor's map 154, block 5, lot 14A), new single family home, septic & well in 100-foot upland review area issued 3/3/22 to David Held. Request to transfer approval to H.C. Rose Contractors, Inc. (signed by Henry Rose, President), stamped received 5/4/22.

Received

MAY 0 4 2022

Thompson Wetlands Office

Town of Thompson

INLAND WETLANDS COMMISSION
815 RIVERSIDE DRIVE
NORTH GROSVENORDALE, CT 06255

REQUEST FOR TRANSFER OF PERMIT/APPROVAL TO NEW LANDOWNER

The following is the legal agreement regarding application approvals which must be signed by the current and prospective owner / permittee. For a limited liability corporation (LLC), signature is required to be by a managing member. For a corporation other than an LLC, signature is required to be by an authorized corporate officer.

PERMIT/APPROVAL # WAA 22004 DATE ISSUED: March 3, 2022

LOCATION OF PROPERTY INVOLVED:

1. Street Address: 0 NEW ROAD
2. Assessor's Reference :Map 154 Block 5 Lot 14A

TRANSFER PERMIT TO:

NAME: H.C. ROSE CONTRACTORS, INC.

MAILING ADDRESS: 3748 FLAT River Rd.
COVENTRY, RI 02816

DAYTIME PHONE #: 401-641-1997 HOME PHONE #: —

For the current Permittee*:

I, David Held do hereby give permission to transfer Thompson
(print name of signatory listed below)

Inland Wetlands Permit / Approval # referenced above to H.C. ROSE CONTRACTORS, INC.
(print name of prospective permittee)

(Signature of permittee) Dated: 5/3/22

For the prospective Permittee*:

I, the undersigned, am the owner of the above reference property and hereby apply for approval of the transfer in the permit/approval referenced above. This request is made in full knowledge and understanding of the permit/approval and agree to comply with the permit/approval as applied for and issued. Further I grant permission to the Thompson Inland Wetlands Commission and its duly authorized agents to enter upon the property at reasonable times for purposed of inspection and enforcement of the Inland Wetlands and Watercourse regulation of the town of Thompson.

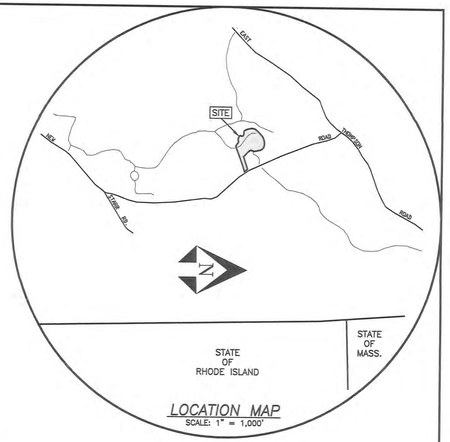
(Signature of property owner) Dated: 5/3/22

- If current permittee or prospective permittee is limited liability corporation (LLC), signature is required to be by a managing member. If current permittee or prospective permittee is a corporation other than an LLC, signature is required to be by an authorized corporate officer.

*** For Commission Use Only ***	
Chairman's Signature:	Date:

LEGEND

- UTILITY POLE
- MONUMENT FOUND
- IRON PIN OR PIPE FOUND
- TEST PIT
- PERCOLATION TEST
- EXISTING INDEX CONTOUR
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SILT FENCE OR HAYBALES
- PROPOSED UNDERGROUND UTILITIES
- BUILDING SETBACK
- EXISTING TREE LINE



LOCATION MAP
SCALE: 1" = 1,000'

SEPTIC SYSTEM DESIGN CRITERIA

percolation rate = 5.7 min/inch

4 bedroom house requires 577.5 SF of leaching area

MLSS is not applicable (<60" receiving soil)

use 55' of Mantis 536-8 leaching units
leaching area = 55' x 11.0 SF/LF = 605 SF
bottom of system to be 37" maximum into existing grade

DEEP TEST HOLE EVALUATION – April 26, 2021
Northeast District Department of Health

TEST PIT	DEPTH	PROFILE
B-6	0-10"	topsoil
	10-73"	disturbed
	Ledge	N/A
	GWT	N/A
	Mottling	N/A
B-7	0-8"	topsoil
	8-88"	cobbly/gravelly medium-coarse sand
	Ledge	N/A
	GWT	N/A
	Mottling	N/A
	Restrictive	N/A
B-8	0-6"	topsoil
	6-20"	disturbed
	20-85"	cobbly/gravelly medium-coarse sand
	Ledge	N/A
	GWT	N/A
	Mottling	N/A
	Restrictive	N/A

PERCOLATION TEST RESULTS – April 26, 2021
David J. Held, P.E., L.S.

Depth: 40"
Presoak: 1± hour

Time	Depth
1:27	30.25"
1:37	32"
1:47	33.75"
1:57	35.5"

Percolation Rate: 5.7 min/inch

NOTES:

1. This survey has been prepared pursuant to the Regulations of Connecticut State Agencies Section 20-300b-1 through 20-300b-20 as amended on October 26, 2018;
   - This survey conforms to a Class "A-2" horizontal accuracy.
   - Topographic features conform to a Class "T-2" accuracy.
   - Boundary Determination Category: Resurvey.
   - Survey Type: Improvement Location Survey.
2. Zone = RRAD.
3. Total area of parcel = 2.57± acres.
4. Reference is made to a boundary line agreement in Volume 1005, Page 282 of the Thompson land records for the subject parcel.
5. Owner of record: David J. Held
   15 Woodland Lane
   Baltic, CT 06330
6. The locations of existing utilities are based on surface evidence and other sources of information. Before any construction is to commence contact "CALL BEFORE YOU DIG" at 1-800-922-4455.
7. Elevations are referenced to NAVD 1988. Contour interval = 2'.
8. Bearings shown hereon are referenced to CT State Plane Coordinates, NAD83(2011), Epoch 2010.0000.
9. NDDH File Number 21000196.
10. There are no apparent wells within 75' of the proposed septic system. There are no apparent septic systems within 75' of the proposed well.
11. Wetlands shown were flagged in the field by Edward M. Pawlak, certified soil scientist and were taken from Map Reference #3.
12. Portions of the subject property are within the Special Flood Hazard Area (area of 100 year flood) per FIRM 0901170010B with an effective date of 11/1/1984. Per Letter of Map Amendment, Case No. 18-01-0878A, areas of the subject property at the building site above elevation 446.95 (NAVD 1988) or 447.7 (NGVD 1929) are outside of the Special Flood Hazard Area.

MAP REFERENCES:

1. "Property Survey – Showing Boundary Line Adjustment – Prepared for – Jeffrey Rawson, Kelly Rawson & River Junction Estates, LLC – New Road – Thompson, Connecticut – Scale: 1" = 60' – Dated: 4/6/2021 – Provost & Rovero, Inc."
2. "Property Survey – Showing Boundary Line Adjustment – Prepared for – KA&G Development LLC & David J. Held – New Road – Thompson, Connecticut – Scale: 1" = 40' – Dated: 7/15/2021 – Provost & Rovero, Inc."
3. "Boundary Reconfiguration Plan – River View Landing – Prepared for – River Junction Estates, LLC – Lots SC-1 & SC-2 – New Road – Thompson, Connecticut – Scale: 1" = 100' – Dated: 11/17 – Messier Survey LLC"

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

Received
JAN 11 2022
Thompson Wetlands Office

20 10 0 20
GRAPHIC SCALE IN FEET

IMPROVEMENT LOCATION SURVEY
SEPTIC SYSTEM DESIGN PLAN
PREPARED FOR

DAVID J. HELD
& H.C. ROSE CONTRACTORS, INC.

NEW ROAD
THOMPSON, CONNECTICUT

ENGINEER 1/11/22 DATE

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

DAVID J. HELD, L.S. LIC. NO. 24267 1/11/22 DATE

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

REVISIONS	
DATE	DESCRIPTION

DATE: 1/6/2022	DRAWN: DJH
SCALE: 1" = 20'	DESIGN: DJH
SHEET: 1 OF 2	CHK BY: ---
DWG. No: Client File	JOB No: 203084

Provost & Rovero, Inc.
Civil Engineering • Surveying • Site Planning
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Appl WAA22004 Copy 1

Agenda Item H.a) Violations & Pending Enforcement Actions

Notice of Violation VIOL21023, Jamie Piette, 0 & 73 Center Street (Assessor’s map16, block X, lots H & 2), unauthorized construction of retaining wall and associated backfill in or near Little Pond, issued 8/24/21 - status.

Agenda Item H.b) Violations & Pending Enforcement Actions

Notice of Permit Violation VIOL21036, Permit IWA20022, Marc Baer, 1227 Thompson Rd (Assessor's map 116, block 24, lot 10), grades not as authorized in modified plan approved by the Commission on 2/9/21.

Agenda Item H.c) Violations & Pending Enforcement Actions

Notice of Violation VIOL22008, Rodney Lamay, 0 Quaddick Town Farm Road (Assessor’s map 160, block 11, lot 15), unauthorized clearing, cutting & grading in wetlands, issued by Acting Wetland Agent 3/21/22 – status.

Agenda Item I Other Business

a) Election of Officers

Agenda Item I Other Business

b) Status of Proposed Revisions to Subdivision Regulations.

Agenda Item I Other Business

c) By-Laws Revisions

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
   ~~H.~~I. Citizen's Comment
   ~~I.~~J. Reports
      a. Budget and Expenditures
      b. Wetlands Agent Report
   ~~J.~~K. Correspondence
   ~~K.~~L. Signing of Mylars

Agenda Item J Reports

1 Budget & Expenditures

2 Wetlands Agent Report

TOWN OF THOMPSON

HOUSEHOLD HAZARDOUS WASTE COLLECTION DAY

When?

SATURDAY, JUNE 25th 2022, 9:00 am - 1:00 pm

Where?

THOMPSON HIGHWAY DEPARTMENT, BUCKLEY HILL ROAD

Who Can Come?

This HHW collection is limited to Thompson Households. Please note, this hazardous waste collection is <u>not</u> for Commercial or Industrial Generators of hazardous waste. Be sure to bring a driver's license or other proof of residency.

What Can I Bring?

<u>FROM THE HOUSE</u>

Oil & Latex Paint
Paint Thinner
Drain Cleaners
Varnish
Photographic Chemicals
Nail Polish Remover
Oven Cleaners
Toilet Bowl Cleaners
Aerosol Cans

<u>FROM THE GARAGE</u>

Anti-Freeze
Gasoline
Radiator Chemicals
Auto Body Chemicals
Fuel Additives
Transmission Fluid
Camping Stove Fuel

<u>FROM THE GARDEN</u>

Insecticides
Pool Chemicals
Herbicides
Rat Poison
Moth Balls
Fungicides

And much more.....

Questions:

Call the Thompson Town Hall: 860-923-9561

Please Use Caution When Transporting These Materials
Use the Original Container When Posssible

<u>WHAT IS NOT ACCEPTED?</u>

Ammunition or Gunpowder
Radioactive Materials
Automotive Batteries
Propane Tanks
Smoke Detectors

Agenda Item K, Correspondence - None

Agenda Item L, Signing of Mylars -None

Agenda Item M, Comments by Commissioners

Agenda Item N, Adjournment