

TOWN OF KENT
INLAND WETLANDS COMMISSION

41 Kent Green Boulevard
P.O. Box 678
Kent, CT 06757
Phone (860) 927-4625 Fax (860) 927-1313

RECEIVED

By Darlene Brady at 2:04 pm, Jul 28, 2020

REGULAR MEETING MINUTES

The Kent Inland Wetlands Commission held a regular meeting on July 27, 2020 at 7:00 p.m. via Zoom.

1. CALL TO ORDER

Ms. Werner called the meeting to order at 7:04 p.m. via Zoom.

2. ROLL CALL AND APPOINTMENT OF ALTERNATES, IF REQUIRED

Commissioners Present: Lynn Werner, Chairman; Marge Smith, Paul Yagid, Ken Deitz, Ken Johnson

Staff Present: Donna Hayes, Land Use Administrator and Tai Kern, Land Use Clerk

3. READING OF MINUTES OF PREVIOUS MEETINGS

3.A. Regular Meeting Minutes, June 22, 2020.

Ms. Smith moved to approve the Regular Minutes of the June 22, 2020. Mr. Yagid seconded and the motion carried unanimously.

4. NEW BUSINESS

4.A. Application #1222-20, John Casey and Bart Clark for Kent Green, LLC, Map 19 Block 42 Lot 8, removal of existing drainage pipes and installation of new pipes.

Mrs. Smith moved to table to end of New Business application #1222-20, John Casey and Bart Clark for Kent Green, LLC, Map 19 Block 42 Lot 8, removal of existing drainage pipes and installation of new pipes. Mr. Yagid seconded and the motion carried unanimously.

Kent Inland Wetlands Regular Meeting Minutes 07/27/2020

These are draft minutes. Corrections may be made by the Commission at the subsequent meeting. Please refer to subsequent meeting minutes for possible corrections and approval of these minutes.

- 4.B. Application #1223-20, Kinney Woodworking, LLC for Stuart Wurtzel and Patrizia von Brandenstein, 115 Kent Cornwall Road, Map 9 Block 15 Lot 30, replace portion of open deck with a single-story sunroom; rebuild deck after sunroom is built.

Jack Kinney explained that the owners would like to change the existing open-air deck to a sunroom. The goal is to use the existing footings if possible. The footprint will be extended by another 2'x2'; however, the structure will not be any closer to the brook. The large tree will be removed via crane and its stump will remain. The area of disturbance does not include landscape. He does not believe the owners intend on doing any landscaping. Silt fencing will be installed by hand. The work is scheduled to be done in September. Historic Commission approval has been granted.

Mr. Yagid moved to table application #1223-20, Kinney Woodworking, LLC for Stuart Wurtzel and Patrizia von Brandenstein, 115 Kent Cornwall Road, Map 9 Block 15 Lot 30, replace portion of open deck with a single-story sunroom; rebuild deck after sunroom is built. Mr. Deitz seconded and the motion carried unanimously.

- 4.C. Application #1224-20, Wes Wyrick for Chris Munro, 15 Gorham Road, Map 15 Block 22 Lot 30, construction of garage with connector to main house.

Wes Wyrick explained that his client is proposing a connected garage. The proposal will be 65 feet from the wetland area. It is upland soils with a lot of ledge. The area is a combination of woods and grass. A couple of trees in the building area will be removed, but no trees will be removed within the limit of disturbance.

Paul Yagid reported that the site is pretty dry and the house site sits high. Ken Deitz noted that there is plenty of vegetative cover between the proposal and the wetlands. Donna Hayes confirmed that she will view the site before the next meeting.

Mr. Yagid moved to table application #1224-20, Wes Wyrick for Chris Munro, 15 Gorham Road, Map 15 Block 22 Lot 30, construction of garage with connector to main house. Ms. Smith seconded and the motion carried unanimously.

Mrs. Smith moved to hear item 5.A. Mr. Yagid seconded and the motion carried unanimously.

5. OLD BUSINESS

- 5.A. Application #1220-20, Virginia Bush Suttman, 8 Bluff Road, Map 19 Block 15 Lot 38, removal of three ash trees infected with Emerald Ash Borer.

Donna Hayes referenced a letter dated July 18, 2020 in response to the Commission's questions. The Commission was satisfied with the response.

Ms. Smith moved to approve application #1220-20, Virginia Bush Suttman, 8 Bluff Road, Map 19 Block 15 Lot 38, removal of three ash trees infected with Emerald Ash Borer. Mr. Deitz seconded and the motion carried unanimously.

- 4.A. Application #1222-20, John Casey and Bart Clark for Kent Green, LLC, Map 19 Block 42 Lot 8, removal of existing drainage pipes and installation of new pipes.

Mr. Casey referenced the detailed drawings submitted, but noted that this is a fairly simple project. They have consulted with Cynthia Rabinowitz and are following her recommendations. The Commission asked that her recommendations along with the boulder placement and planting plan be submitted as part of the application. Mr. Casey reviewed the pathway of the drainage and explained that he will be restoring it to a more natural stream flow than what it has evolved to become. Most of it will be exposed and a gentle slope. There is a replanting plan to be implemented after the sediment is cleaned out. This will include grass or native plantings. He will spread sediment about 250 feet from the watercourse.

The group agreed that this will be an asset to the area. It will both look and function better. The members asked for clarification regarding the size of the culverts to be replaced and assurance that they can handle the flow.

Ms. Smith moved to table Application #1222-20, John Casey and Bart Clark for Kent Green, LLC, Map 19 Block 42 Lot 8, removal of existing drainage pipes and installation of new pipes with the request that a planting plan, a letter with Ms. Rabinowitz's recommendations and culvert sizing be presented at the next meeting. Mr. Yagid seconded and the motion carried unanimously.

6. COMMUNICATIONS TO THE COMMISSION

A. WRITTEN –

- 6.A.1. Monthly Financials – July 2019 through June 2020- reviewed
- 6.A.2. Connecticut DEEP Permit Application for the Use of Pesticides in State Waters: South Spectacle Pond

The members noted that the directional description does not match the map. Additionally, the previous violations were found to be alarming by the members. They have concerns regarding the reporting of common reed. Donna Hayes agreed to send a letter noting the concerns of the Commission.

B. VERBAL: N/A

7. ADJOURNMENT

Mr. Yagid moved to adjourn at 8:29 p.m. Ms. Smith seconded and the motion carried unanimously.

Respectfully submitted.

Tai Kern

Tai Kern,
Land Use Clerk



Allied Engineering Assoc., Inc.

95 Main Street 3rd Floor – East

P.O. Box 726

North Canaan, CT 06018

860-824-1400

860-824-1401 fax

allied-engineering@snet.net

Our Job # 846

8/20/2020

Aroesty Garage and paved areas Drainage Calculations Summary

We compared the existing drainage area and the proposed drainage areas within the proposed disturbed area for the proposed garage and new paved area.

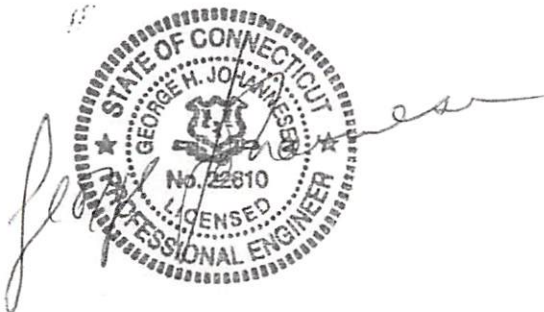
The existing drainage areas all drain into the lake via sheet flow.

The proposed drainage design takes the proposed drainage areas, including the garage roof and the paved area in front of the garage and runs it through (2) 40 lf 36" dia. perforated pipes set in stone, which allows for recharge of the groundwater. If the pipes fill up, there is an overflow pipe that outlets onto a level spreader. By doing this, we are able to reduce the rate of runoff into the lake to less than the existing conditions as follows:

	2 yr. storm	10 yr. storm	25 yr. storm	50 yr. storm	100 yr. storm
Existing	1.18 cfs	2.39 cfs	2.83 cfs	3.36 cfs	3.97 cfs
Proposed	1.14 cfs	2.34 cfs	2.79 cfs	3.32 cfs	3.95 cfs

If there are any questions or comments please contact me.

George Johannesen P.E.





Town of Kent Inland Wetlands Commission

41 Kent Green Blvd.

P.O. Box 678

Kent, CT 06757

Phone: (860)927-4625

Fax: (860)927-4541

FOR OFFICE USE ONLY
Application # <u>1225-20</u>
Filing fee \$ <u>100</u>
Date of receipt <u>8/18/20</u>
Approved _____
Denied _____

Application for a permit to conduct a regulated activity within the regulated area of an inland wetland or watercourse in the Town of Kent.

ALL APPLICATIONS REQUIRE THE FOLLOWING (APPLICATIONS NOT INCLUDING ALL REQUESTED INFORMATION WILL NOT BE ACCEPTED):

- A. The original and 8 copies of the completed application form.
- B. If the applicant is not the owner of the property, a letter of consent from the owner authorizing the applicant to act as the owner's agent.
- C. One copy of the completed "Statewide Inland Wetland Activity Reporting Form."
- D. Filing Fee of \$100.00 made out to the Town of Kent.
- E. 8 copies of a site plan and other information noted on the checklist.
- F. List of names and mailing addresses of adjacent land owners.
- G. Field flagging and staking as noted on the checklist.

1. PROPERTY ADDRESS:

69 TREASURE HILL ROAD

2. MAP: BLOCK: LOT:

17 25 6

3. APPLICANT'S INFORMATION:

Name BRIAN NEFF, P.E.

Mailing Address 128 BAGIN RD.

City ST ZIP Code ROXBURY, CT, 06783

Home Phone _____

Work Phone (860) 354-2246

E-Mail Address BNEFFPE@SBCGLOBAL.NET

4. OWNER'S INFORMATION:

Name ROBERT HARRISON & JANE HART

Mailing Address 120 EAST END AVENUE # 15B

City ST ZIP Code NEW YORK, NY 10028

Home Phone _____

Work Phone _____

E-Mail Address RSHARRISON2000@ICLOUD.COM

5. APPLICANT'S INTEREST IN THE PROPERTY:

<input type="checkbox"/>	Owner
<input checked="" type="checkbox"/>	Agent
<input type="checkbox"/>	Other (please list)

6. PLEASE PROVIDE THE FOLLOWING INFORMATION: (Please be exact)

109.9	TOTAL ACREAGE OF PROPERTY
0	TOTAL ACREAGE OF WETLANDS AND/OR WATERCOURSES DISTURBED (sq. ft. divided by 43,560)
0.2	TOTAL ACREAGE OF DISTURBED REGULATED AREA (sq. ft. divided by 43,560)

7. PLEASE DESCRIBE, IN DETAIL, THE PROPOSED ACTIVITY:

(If needed, please attach additional pages.)

CONSTRUCTION OF AN ADDITION TO THE EXISTING SINGLE FAMILY DWELLING, EXTENSION OF EXISTING DRIVEWAY, AND INSTALLATION OF A NEW SEPTIC SYSTEM.

8. PLEASE DESCRIBE ALTERNATIVES CONSIDERED AND STATE WHY THIS PROPOSAL WAS CHOSEN:

OTHER ADDITION POSSIBILITIES WERE CONSIDERED NEARER THE EXISTING POND

9. ARE THERE ANY EASEMENTS OR OTHER ENCUMBRANCES NOTED ON THE PROPERTY DEED FILED AT THE TOWN HALL? IF SO, PLEASE DESCRIBE OR ATTACH.

No

10. PLEASE CERTIFY WHETHER:

- A. Any portion of the property on which the regulated activity is proposed is located within five hundred (500 feet of the boundary of an adjoining municipality. Yes No (If yes, the applicant shall give written notice of the application by certified mail, return receipt requested, on the same day to the inland wetlands agency of such other municipality).
- B. Traffic attributable to the completed project on the site will use streets within the adjoining municipality to enter or exit the site. Yes No
- C. Sewer or water drainage from the project site will flow through and impact the sewage or drainage system within the adjoining municipality. Yes No
- D. Water run-off from the improved site will impact streets or other municipal or private property within the adjoining municipality. Yes No

11. AGREEMENT AND SIGNATURE

The undersigned applicant hereby swears that the information supplied in the completed application is accurate, to the best of his/her knowledge and belief and is aware of the penalties for obtaining a permit through deception or through inaccurate or misleading information.

Name (printed) BRIAN NEFF, OWNERS AUTHORIZED AGENT

Signature

Date

B. Neff
8-18-2020

August 13, 2020

"I authorize Brian Neff, PE (Licensed Engineer) 128 Bacon Road in Roxbury, Connecticut to sign all applications required for "Wetlands Review and Approval" by the Town of Kent, for my property located at 69 Treasure Hill Road in Kent, Connecticut."

Sincerely,

A handwritten signature in blue ink that reads "Robert S. Harrison". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Bob Harrison



Overview



Legend

- Parcels
- Address Numbers
- Roads
- City Labels

Parcel ID	1769	Alternate ID	00207800	Owner Address	HARRISON ROBERT S & JANE HART
Sec/Twp/Rng	17-25-6	Class	R		120 EAST END AVE #15B
Property Address	69 TREASURE HILL RD	Acreeage	109.94		NEW YORK NY 10028
	KENT				

District 8A
 Brief Tax Description n/a

(Note: Not to be used on legal documents)

Date created: 8/18/2020
 Last Data Uploaded: 8/18/2020 12:44:05 AM

Developed by Schneider
 GEOSPATIAL

AGENDA ITEM 4.B.



Town of Kent Inland Wetlands Commission

41 Kent Green Blvd.

P.O. Box 678

Kent, CT 06757

Phone: (860)927-4625

Fax: (860)927-4541

FOR OFFICE USE ONLY	
Application #	1226-20
Filing fee \$	100
Date of receipt	8/19/2020
Approved	
Denied	

Application for a permit to conduct a regulated activity within the regulated area of an inland wetland or watercourse in the Town of Kent.

ALL APPLICATIONS REQUIRE THE FOLLOWING (APPLICATIONS NOT INCLUDING ALL REQUESTED INFORMATION WILL NOT BE ACCEPTED):

- The original and 8 copies of the completed application form.
- If the applicant is not the owner of the property, a letter of consent from the owner authorizing the applicant to act as the owner's agent.
- One copy of the completed "Statewide Inland Wetland Activity Reporting Form."
- Filing Fee of \$100.00 made out to the Town of Kent.
- 8 copies of a site plan and other information noted on the checklist.
- List of names and mailing addresses of adjacent land owners.
- Field flagging and staking as noted on the checklist.

1. PROPERTY ADDRESS:

59 Kenico Road

2. MAP: BLOCK: LOT:

15 22 74

3. APPLICANT'S INFORMATION:

Name	George Johannesen, PE, Allied Engineering Associates, Inc.
Mailing Address	PO Box 726
City ST ZIP Code	North Canaan, CT 06018
Home Phone	
Work Phone	860-824-1400
E-Mail Address	allied-engineering@snet.net

4. OWNER'S INFORMATION:

Name	Eric & Lori Aroesty
Mailing Address	80 O'Shaughnessy Lane
City ST ZIP Code	Closter, New Jersey 07624
Home Phone	914-552-5642
Work Phone	
E-Mail Address	

5. APPLICANT'S INTEREST IN THE PROPERTY:

<input type="checkbox"/>	Owner
<input checked="" type="checkbox"/>	Agent
<input type="checkbox"/>	Other (please list)

6. PLEASE PROVIDE THE FOLLOWING INFORMATION: (Please be exact)

5.917	TOTAL ACREAGE OF PROPERTY
0	TOTAL ACREAGE OF WETLANDS AND/OR WATERCOURSES DISTURBED (sq. ft. divided by 43,560)
0.28	TOTAL ACREAGE OF DISTURBED REGULATED AREA (sq. ft. divided by 43,560)

7. PLEASE DESCRIBE, IN DETAIL, THE PROPOSED ACTIVITY:

(If needed, please attach additional pages.)

Addition of 24 X 28 garage w/ second floor storage, expanded and paved a portion of driveway and parking area (originally approved as gravel), added additional drainage mitigation measures, and increased landscaped areas.

8. PLEASE DESCRIBE ALTERNATIVES CONSIDERED AND STATE WHY THIS PROPOSAL WAS CHOSEN:

No alternatives considered. Work described is minimum requested.

9. ARE THERE ANY EASEMENTS OR OTHER ENCUMBRANCES NOTED ON THE PROPERTY DEED FILED AT THE TOWN HALL? IF SO, PLEASE DESCRIBE OR ATTACH

No

10. PLEASE CERTIFY WHETHER:

- A. Any portion of the property on which the regulated activity is proposed is located within five hundred (500 feet of the boundary of an adjoining municipality. Yes No (If yes, the applicant shall give written notice of the application by certified mail, return receipt requested, on the same day to the inland wetlands agency of such other municipality).
- B. Traffic attributable to the completed project on the site will use streets within the adjoining municipality to enter or exit the site. Yes No
- C. Sewer or water drainage from the project site will flow through and impact the sewage or drainage system within the adjoining municipality. Yes No
- D. Water run-off from the improved site will impact streets or other municipal or private property within the adjoining municipality. Yes No

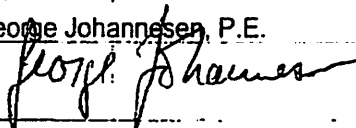
11. AGREEMENT AND SIGNATURE

The undersigned applicant hereby swears that the information supplied in the completed application is accurate, to the best of his/her knowledge and belief and is aware of the penalties for obtaining a permit through deception or through inaccurate or misleading information.

Name (printed) George Johannesen, P.E.

Signature

Date 8/18/20



List of Adjacent Property Owners to 59 Kenico Road (Eric & Lori Aroesty)

MARK & HILDI GLICKLICH

Kenico Road
Kent, Connecticut

200 Kenmont LLC

200 Kenmont Road
Kent Connecticut



**TOWN OF KENT
INLAND WETLANDS COMMISSION**

PERMISSION FOR INSPECTION

Property Address:	59 Kenico Road
Map/Block/Lot:	15/22/74
Application/Permit #:	

The undersigned applicant hereby consents to necessary and proper inspections of the above-mentioned property by the Inland Wetlands Commission and/or its authorized agents, at reasonable times, both before and after the permit in question has been granted by the Commission.

Name (printed)	George Johannesen, P.E.
Signature	<i>George Johannesen</i>
Date	8/18/20



Town of Kent Inland Wetlands Commission

41 Kent Green Blvd.

P.O. Box 678

Kent, CT 06757

Phone: (860)927-4625

Fax: (860)927-4541

FOR OFFICE USE ONLY	
Application #	1227-20
Filing fee \$	100
Date of receipt	8/20/2020
Approved	
Denied	

Application for a permit to conduct a regulated activity within the regulated area of an inland wetland or watercourse in the Town of Kent.

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- C. One copy of the completed "Statewide Inland Wetland Activity Reporting Form."
- D. Filing Fee of \$100.00 made out to the Town of Kent.
- E. 8 copies of a site plan and other information noted on the checklist.
- F. List of names and mailing addresses of adjacent land owners.
- G. Field flagging and staking as noted on the checklist.

1. PROPERTY ADDRESS:

2. MAP: 15 BLOCK: 25 LOT: 4

3. APPLICANT'S INFORMATION:

Name Arthur H Howland & Associates PC
Mailing Address 143 West Street, Suite E
City ST ZIP Code New Milford, CT 06776
Home Phone
Work Phone 860-354-9346
E-Mail Address pszymanski@ahhowland.com

4. OWNER'S INFORMATION:

Name Todd B Porterfield & Benoit Bolduc
Mailing Address 20 Kent Hollow Road
City ST ZIP Code Kent, CT 06757
Home Phone
Work Phone
E-Mail Address tbport@hotmail.com

5. APPLICANT'S INTEREST IN THE PROPERTY:

<input type="checkbox"/>	Owner
<input checked="" type="checkbox"/>	Agent
<input type="checkbox"/>	Other (please list)

6. PLEASE PROVIDE THE FOLLOWING INFORMATION: (Please be exact)

3.75	TOTAL ACREAGE OF PROPERTY
0	TOTAL ACREAGE OF WETLANDS AND/OR WATERCOURSES DISTURBED (sq. ft. divided by 43,560)
0.2	TOTAL ACREAGE OF DISTURBED REGULATED AREA (sq. ft. divided by 43,560)

7. PLEASE DESCRIBE, IN DETAIL, THE PROPOSED ACTIVITY:

(If needed, please attach additional pages.)

Septic replacement, rebuild portions of existing stone steps and wall (front of home entrance). Remove stone steps and walls and reuse fieldstone wall extension. (Side of home towards pool) Remove and re-use stones on slope down from pool and plant erosion control ground covers. Extend existing dry stone retaining wall. Build Rebuild new dry laid stone landing between existing walls and steps and blend grade up to meet landing around it. Re-shape and reduce overall square footage of existing gravel driveway. Add fence to one end of parking area. Add Belgium block bib to driveway entrance. Re-locate existing lamp post and add another lamp post.

8. PLEASE DESCRIBE ALTERNATIVES CONSIDERED AND STATE WHY THIS PROPOSAL WAS CHOSEN:

Any other septic location would have less distance to wetlands and we are attempting to minimize parking area while creating a better flow.

9. ARE THERE ANY EASEMENTS OR OTHER ENCUMBRANCES NOTED ON THE PROPERTY DEED FILED AT THE TOWN HALL? IF SO, PLEASE DESCRIBE OR ATTACH.

No

10. PLEASE CERTIFY WHETHER:

- A. Any portion of the property on which the regulated activity is proposed is located within five hundred (500 feet of the boundary of an adjoining municipality. Yes No (If yes, the applicant shall give written notice of the application by certified mail, return receipt requested, on the same day to the inland wetlands agency of such other municipality).
- B. Traffic attributable to the completed project on the site will use streets within the adjoining municipality to enter or exit the site. Yes No
- C. Sewer or water drainage from the project site will flow through and impact the sewage or drainage system within the adjoining municipality. Yes No
- D. Water run-off from the improved site will impact streets or other municipal or private property within the adjoining municipality. Yes No

11. AGREEMENT AND SIGNATURE

The undersigned applicant hereby swears that the information supplied in the completed application is accurate, to the best of his/her knowledge and belief and is aware of the penalties for obtaining a permit through deception or through inaccurate or misleading information.

Name (printed) Paul Szymanski PE

Signature

Date August 19, 2020



LETTER OF TRANSMITTAL

TO: Town of Kent, Land Use	DATE: August 19, 2020
	JOB #: 6707
RE: 20 Kent Hollow Road	

WE ARE SENDING YOU:

- ATTACHED UNDER SEPARATE COVER
 PLANS COPY OF LETTER PRINTS SPECIFICATIONS
 OTHER:

COPIES	DATE	DESCRIPTION
8		Wetlands Application with check \$100.00
8		Profile View
8		Proposed Site Plan- This does not have the septic info- Plan to follow

THESE ARE TRANSMITTED AS FOLLOWS:

- AS REQUESTED FOR YOUR USE REVIEW & COMMENT FOR APPROVAL
 APPROVED AS SUBMITTED APPROVED AS NOTED RETURNED FOR CORRECTIONS

COMMENTS:

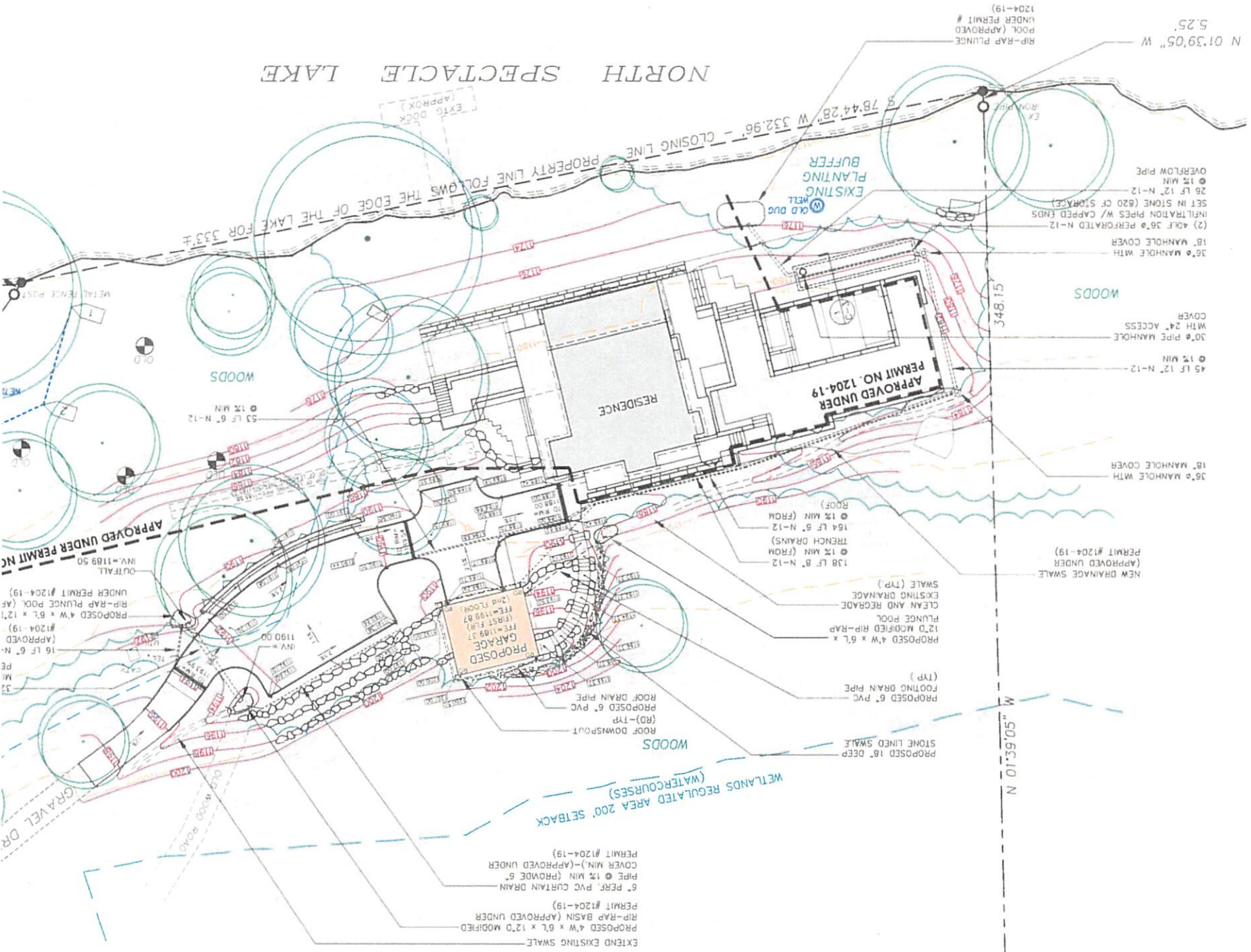
We will be submitting the Proposed Site Development & Erosion Plan next week for the September meeting

Sincerely,
Arthur H. Howland & Associates, P.C.

Heather Fleet
Office Manager

cc:

NORTH SPECTACLE LAKE



APPROVED UNDER PERMIT NC

APPROVED UNDER PERMIT NO. 1204-19

WETLANDS REGULATED AREA 200' SETBACK (WATERCOURSES)

NORTH SPECTACLE LAKE

WOODS

WOODS

WOODS

N 01'39'05" W

N 01'39'05" W

36" MANHOLE WITH 18" MANHOLE COVER
45' L x 12" N-12
30" PIPE MANHOLE WITH 24" ACCESS COVER
36" MANHOLE WITH 18" MANHOLE COVER

NEW DRAINAGE SWALE (APPROVED UNDER PERMIT #1204-19)

PROPOSED 4" W x 6" L x 12" MODIFIED RIP-RAP PLUNGE POOL
CLEAN AND REGRADE EXISTING DRAINAGE SWALE (TYP.)

PROPOSED 6" PVC FOOTING DRAIN PIPE (TYP.)

PROPOSED 18" DEEP STONE LINED SWALE (TYP.)

PROPOSED 4" W x 6" L x 12" MODIFIED RIP-RAP BASIN (APPROVED UNDER PERMIT #1204-19)

6" PERF. PVC CURTAIN DRAIN PIPE @ 1% MIN. (PROVIDE UNDER COVER MIN.)-(APPROVED UNDER PERMIT #1204-19)

EXTEND EXISTING SWALE

36" MANHOLE WITH 18" MANHOLE COVER
45' L x 12" N-12
30" PIPE MANHOLE WITH 24" ACCESS COVER
36" MANHOLE WITH 18" MANHOLE COVER

138' L x 8" N-12 TRENCH DRAINS (FROM ROOF)
164' L x 6" N-12 TRENCH DRAINS (FROM ROOF)

PROPOSED 4" W x 6" L x 12" MODIFIED RIP-RAP PLUNGE POOL
CLEAN AND REGRADE EXISTING DRAINAGE SWALE (TYP.)

PROPOSED 6" PVC FOOTING DRAIN PIPE (TYP.)

PROPOSED 18" DEEP STONE LINED SWALE (TYP.)

PROPOSED 4" W x 6" L x 12" MODIFIED RIP-RAP BASIN (APPROVED UNDER PERMIT #1204-19)

6" PERF. PVC CURTAIN DRAIN PIPE @ 1% MIN. (PROVIDE UNDER COVER MIN.)-(APPROVED UNDER PERMIT #1204-19)

EXTEND EXISTING SWALE

RIP-RAP PLUNGE POOL (APPROVED UNDER PERMIT #1204-19)

EXISTING PLANTING BUFFER
OLD DUC W/ METL

PROPERTY LINE FOLLOWS THE EDGE OF THE LAKE FOR 333'

36" MANHOLE WITH 18" MANHOLE COVER
45' L x 12" N-12
30" PIPE MANHOLE WITH 24" ACCESS COVER
36" MANHOLE WITH 18" MANHOLE COVER

WOODS

WOODS

WOODS

WOODS

WOODS

WOODS

METAL FENCE POST

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EROSION CONTROL REQUIREMENTS

THE FOLLOWING SPECIFICATIONS FOR INSTALLATION AND MAINTENANCE OF EROSION CONTROLS ARE FROM THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (REVISED 2002) BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION.

FILTER FENCE (SILT FENCE)

1) MATERIALS

(A) SYNTHETIC FILTER FABRIC

SYNTHETIC FILTER FABRIC SHALL BE A PERVIOUS SHEET OF PROPYLENE NYLON, POLYESTER OR ETHYLENE FILAMENTS AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE FOLLOWING REQUIREMENTS:

PHYSICAL PROPERTY	REQUIREMENTS
FILTERING EFFICIENCY	75% (MIN)
FENCE STRENGTH AT 20" (MAX) ELONGATION	EXTRA STRENGTH (8.5 LB/SQ IN MIN)
FLOW RATE	0.1 GAL/SQ FT MIN (MIN)

(B) SYNTHETIC FILTER FABRIC REQUIREMENTS

FABRIC SHALL BE 20 OUNCES PER SQUARE YARD (MIN). POSTS FOR FILTER FENCE SHALL BE EITHER 3/4 OR 2 1/2 INCH STUDS OR 2.5 POUNDS ANCHOR PER LINEAR FOOT STEEL WITH A MINIMUM LENGTH OF 4 FEET. STEEL POSTS SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM. SLOPE SILT FENCES REQUIRE A WIRE BACKING. CONSULT MANUFACTURER'S INSTRUCTIONS FOR PROPER INSTALLATION REQUIREMENTS.

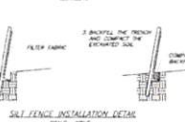
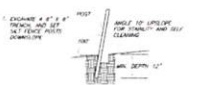
2) INSTALLATION REQUIREMENTS

THIS SEDIMENT BARRIER UTILIZES EXTRA STRENGTH SYNTHETIC FILTER FABRIC. IT IS DESIGNED FOR SITUATIONS IN WHICH ONLY SHEET OR OVERLAND FLOWS ARE EXPECTED. IN SPECIAL CASES IT MAY BE USED IN DRAINAGEWAYS.

- (1) THE HEIGHT OF THE BARRIER SHALL NOT EXCEED 36 INCHES. HIGHER BARRIERS MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE. IDEALLY THE FILTER FENCE SHALL BE PLACED FEET AWAY FROM THE TOE OF SLOPE.
- (2) WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPICED TOGETHER OVER AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED. SEE MANUFACTURER'S RECOMMENDATIONS.
- (3) POSTS SHALL BE SPACED A MAXIMUM OF 8 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES).
- (4) A TRENCH SHALL BE EXCAVATED APPROXIMATELY 6 INCHES WIDE AND 6 INCHES DEEP ALONG THE LINE OF POSTS AND UPLOUSE FROM THE BARRIER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- (5) THE FILTER FABRIC IS STARTED WRAPPED OR TIED DIRECTLY TO THE POSTS WITH 8-INCHES OF THE FABRIC EXTENDING INTO THE TRENCH.
- (6) THE TRENCH SHALL BE BACKFILLED AND THE SIDE COMPACTED OVER THE FILTER FENCE.
- (7) FILTER BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPLOUSE AREA HAS BEEN PERMANENTLY STABILIZED.

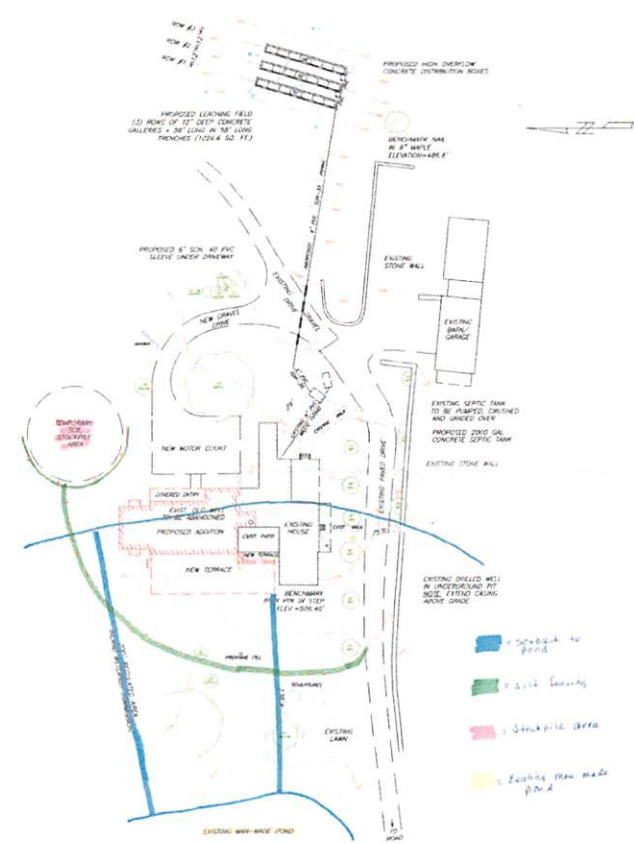
3) MAINTENANCE

- (1) FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- (2) SHOULD THE FABRIC DEGRADE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
- (3) SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER.
- (4) ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DESIGNED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDS.



LEGEND

(Solid line)	EXISTING ELEVATION CONTOURS
(Dashed line)	PROPOSED ELEVATION CONTOURS
(Dotted line)	PROPOSED TEST WELLS
(Red line)	SOIL INSPECTION PIT
(Blue line)	SILT FENCE/EROSION BARRIER



PROPOSED PLAN
SCALE: 1" = 30'
HOUSE ADDITION PLANS BY HETTINGER & JOSEPH ARCHITECTS

PROJECT NARRATIVE DESCRIPTION

THE PROJECT CONSISTS OF THE CONSTRUCTION OF AN ADDITION TO THE EXISTING SINGLE FAMILY DWELLING, DRIVEWAY EXTENSION AND SEPTIC SYSTEM ON AN 180 SQ. ACRE LOT AT 89 TREASURE HILL ROAD IN WEST CONNECTICUT. THERE IS AN EXISTING MAN-MADE POND LOCATED WEST OF THE EXISTING HOUSE AND ADJACENT TO THE EXISTING DRIVEWAY. THE AREA BETWEEN THE HOUSE AND POND IS SIXTY SEVEN (67) FEET WIDE.

THE PROPOSED START OF CONSTRUCTION IS DURING THE SUMMER OF 2020 WITH COMPLETION BY THE END OF THE YEAR. THE RECOMMENDED MAINTENANCE PROGRAM FOR EROSION CONTROLS CONSISTS OF INSPECTIONS ON A REGULAR BASIS OR AFTER HEAVY RAINFALL FOR DAMAGE AND CLOSING. ALL DAMAGE AND CLOSING SHALL BE REPAIRED IMMEDIATELY. THE PROPERTY OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH THE EROSION AND SEDIMENT CONTROL PLAN.

PROPOSED SEQUENCE OF CONSTRUCTION

- CALL 1-800-922-4445 "CALL BEFORE YOU DIG" TO LOCATE ALL UNDERGROUND UTILITIES.
- INSTALL SILT FENCE BARRIER BETWEEN THE EXISTING HOUSE AND POND.
- NOTIFY THE NORTHERN HAVEN WETLANDS COMMISSION OFFICE PRIOR TO THE START OF WORK. WORKING MAY BEGIN AFTER WETLAND ENFORCEMENT OFFICER INSPECTION AND APPROVAL.
- STRIP TOPSOIL FROM BUILDING SITE AND DRIVEWAY EXTENSION AND STOCKPILE.
- INSTALL GRAVEL BASE FOR DRIVEWAY EXTENSION.
- EXCAVATE FOR BUILDING ADDITION FOUNDATION AND STOCKPILE SOIL IN ADJACENT AREA.
- INSTALL CONCRETE FOUNDATION FOOTINGS AND WALLS.
- INSTALL FOUNDATION DRAINAGE AND BACKFILL.
- CONSTRUCT WOOD FRAMED BUILDING ADDITION.
- INSTALL SEPTIC SYSTEM.
- TOPSOIL, GRAVE, SEED AND MAY REACH THE DISTURBED SOIL AREAS IN ACCORDANCE WITH THE "CONNECTICUT" GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- INSTALL FINISH SURFACE COURSE ONTO THE DRIVEWAY EXTENSION AFTER ALL BUILDING CONSTRUCTION AND SITE GRADING IS COMPLETE.
- THE SITE MUST BE FULLY STABILIZED PRIOR TO EROSION BARRIER REMOVAL.

NOTES

PROPERTY SIZE: 180 SQ. ACRES
TAX ASSESSOR MAP 17, BLOCK 2, LOT 8
THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES. THIS RESPONSIBILITY INCLUDES THE INSPECTION AND MAINTENANCE OF CONTROL STRUCTURES, INFORMING ALL RELEVANT PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THIS PLAN, AND INFORMING THE WETLANDS AGENCY PRIOR TO COMMENCING THE SITE WORK.
LAND DISTURBANCES SHALL BE KEPT TO A MINIMUM. STABILIZATION OF SOIL WILL BE SCHEDULED AS SOON AS SITE CONDITIONS PERMIT. ALL DISTURBED AREAS LEFT EXPOSED DURING THE WINTERING SEASONS (NOVEMBER - MARCH) SHALL BE MULCHED AS NEEDED TO PREVENT SOIL EROSION. REMOVE MULCH SEED AND RESEED WHEN SEASON PERMITS.
THE MATERIAL SPECIFICATIONS, INSTALLATION REQUIREMENTS AND DETAILS AND MAINTENANCE PROCEDURES FOR SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE INCLUDED AS A PART OF THIS PLAN. THE INFORMATION IS FROM THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (REVISED 2002) BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION.

ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AT THE DISCRETION OF THE NORTHERN HAVEN WETLANDS ENFORCEMENT OFFICER OF THE DESIGN ENGINEER BASED UPON SITE CONDITIONS.
OWNERS OF RECORD: ROBERT S. HARRISON
JANE HART

SOIL EROSION & SEDIMENT CONTROL PLAN			
PROPOSED HOUSE ADDITION			
DATE:	8-12-2020	DRAWN BY:	BRIAN E. NEFF
DESIGNED:	ROBERTLYN, CT 06783	CHECKED BY:	J. E. NEFF
		DRAWING NUMBER:	1208 BACON POND
			SHEET 1 OF 1



NORTHWEST
CONSERVATION
DISTRICT
www.nwcd.org

30 July 2019

Mr. John Casey
Kent Green LLC
PO Box 218
Kent, CT 06757

Re: Site visit and review of drainage issues

Dear John:

It was a pleasure to meet with you last week and explore the concerns you have at Kent Green. The following is a synopsis of what we discussed regarding the drainage issues.

First, I recommend that an overall plan for the site be developed. Such a plan would look at the entirety of the property and include all potential improvements in a master plan. In this way, an integrated approach is developed which helps to ensure that the solution to one particular situation does not create negative impacts elsewhere.

We looked at the watercourse that drains from north to south through the site. Two separate watercourses merge near the north property line to form the one which drains through your property. Mostly the watercourse drains through a grassy swale but there are sections of pipe which allows the drainage continue underneath paved areas. With regard to this watercourse, I made the following suggestions:

- a. Maintain the existing grassy channel and improve the riparian buffer of the watercourse by planting native trees and shrubs in groupings spaced along both sides of the watercourse.
- b. Develop a plan to improve the appearance and ecology of the two streams at the northernmost part of the site. Consider removing the paving and replacing with either a grass/shrub area or with permeable pavement. The dilapidated retaining block wall could be replaced by a gentle slope with appropriate native shrubs and trees to stabilize the slope.
- c. We observed a roadway which crosses the watercourse in the central part of the site. The road is sloping and stormwater runoff is directed towards a catchment pipe and then into the watercourse. A better arrangement would be to design low impact design features such as rain gardens (bio-infiltration gardens/swales) to capture stormwater runoff before it reaches the watercourse.
- d. I mentioned the opportunity to reduce the overall area of mowed grass on the property by incorporating more trees, shrubs and herbaceous plantings. Native species are favored for the benefits they provide to birds and native beneficial insects and other creatures.

The Northwest Conservation District welcomes the opportunity to provide assistance and information on protecting soil and water resources.

Please let me know if you need further information or assistance.

CM Rabinowitz

Cynthia Rabinowitz
Executive Director, Northwest Conservation District
Professional Soil Scientist (Society of Soil Scientists of Southern
New England; Connecticut Association of Wetland Scientists)
Permaculture Design Consultant

Kent Green LLC, Drainage System, Planting and Landscape,
Proposed Plant List.

To accompany drawing # 0348/20 dated July 2020.
Andrew J. Durbridge Garden Designs.
July 7, 2020

The plant species listed are grouped by general mature size and suitability to the planting locations drawn, and site conditions.

Group 'A';

CAREX PENNSYLVANICA.
CAREX STRICTA.
PANICUM VIRGATUM, [many cultivars available].
ATHYRIUM FELIX FEMINA,
RHUS AROMATICA,
SCHIZCHYRIUM SCOPARIUM,
ECHINACEA PURPUREA.

Group 'B';

CORNUS SIRICEA or STOLONIFERA, [use a cultivar of compact form].
CLETHRA ALNIFOLIA, [Cultivar 'hummingbird' is lower growing and compact].
HYPERICUM, [select low-growing cultivars].

Group 'C';

ARONIA ARBUTIFOLIA, [use lower growing cultivars where necessary]
ARONIA MELANOCARPA, [cultivar 'Viking'].
LINDERA BENZOIN, [note; site accordingly, can get taller].
ILEX VERTICILLATA [Cultivars such as 'Little Goblin' for desired height, and must also use a pollinator male plant for fruit].

Plants for special area listed on drawing as "note #4 plant material":

[This is the new swale at the north end of site].

VIBURNUM DENTATUM.
HAMAMELLIS VIRGINIANA.
ARONIA ARBUTIFOLIA.

This area is arranged as a 'hedge' form, but can be a blended mix of the selected species within the hedge.

All selections are compiled from multiple recognized sources of native and/or recommended plants for conservation projects in the region.

All selections and final procurement of plant material should be from best available sources, and in accordance with any other specifications provided to installer.

AGENDA ITEM 5.D.



Donna Hayes <landuseadmin@townofkentct.org>

Pesticide Application

Clark, Elizabeth <Elizabeth.A.Clark@ct.gov>
To: Donna Hayes <landuseadmin@townofkentct.org>
Cc: "Bodner, Valerie" <Valerie.Bodner@ct.gov>

Mon, Aug 3, 2020 at 3:21 PM

Hi Donna,

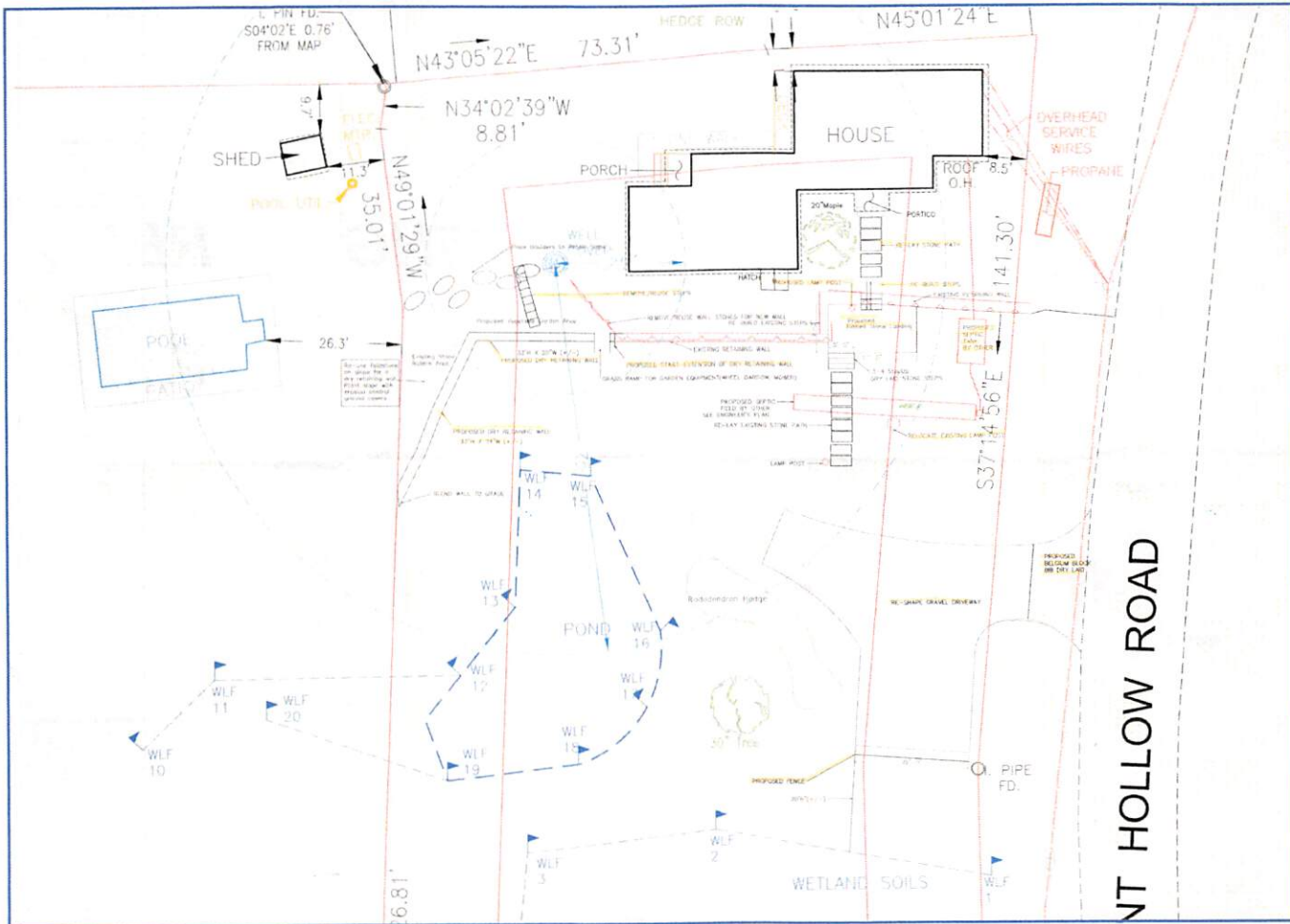
Thank you for forwarding your concerns regarding treatment of South Spectacle Lake - I believe I can address them for you. We've conditioned the permit to incorporate Dawn McKay's (Wildlife Division) feedback, and treatment will only be permitted for the southern half of the lake to protect species and habitat of concern in the northern portion. The permittee, Solitude, has been the subject of enforcement action through our department, and they are currently subject to a consent order and compliance plan that were put in place by our department to ensure future compliance.

Please let me know if you have any further concerns. I've drafted their permit and am planning to send it within the next day or so.

Best,
Ellie Clark

From: Donna Hayes <landuseadmin@townofkentct.org>
Sent: Monday, August 3, 2020 11:20 AM
To: Clark, Elizabeth <Elizabeth.A.Clark@ct.gov>
Subject: Fwd: Pesticide Application

[Quoted text hidden]



LANDSCAPE PLAN FOR:
PORTERFIELD RESERVE'S
KENT HOLLOW RES
PROJECT

DRAWING TITLE:
PROPOSED SITE
PLAN

DATE: 8/11/20 SCALE: 1/8" = 1'

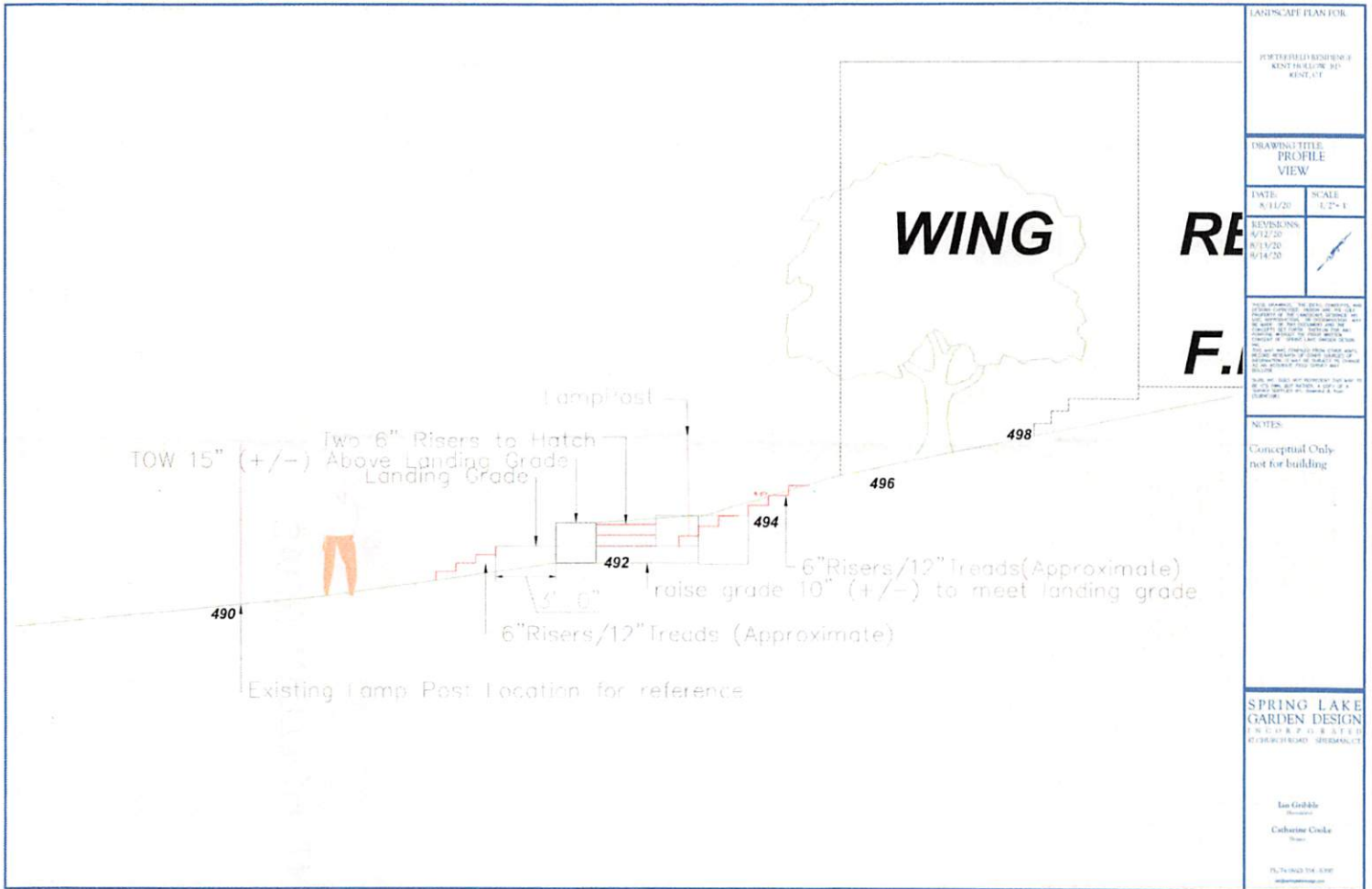
REVISIONS:
8/12/20
8/13/20
8/14/20
8/16/20
8/18/20

NOTES:

SPRING LAKE
GARDEN DESIGN
INCORPORATED
471 HUNTERS ROAD, HUNTERSVILLE, NC

Joe Gebble
Designer
Catherine Cook
Designer

PLS CONTACT JOE AT 704-261-1111
www.springlakegarden.com



LANDSCAPE PLAN FOR:
 WING RE F.I.
 KENT HOLLOW RD
 KENT, CT

DRAWING TITLE:
PROFILE VIEW

DATE: 8/11/20 SCALE: 1/2" = 1'

REVISIONS:
 8/12/20
 8/13/20
 8/14/20

THIS DRAWING, THE DATA, SPECIFICATIONS, AND ALL INFORMATION CONTAINED HEREIN ARE THE PROPERTY OF SPRING LAKE GARDEN DESIGN, INC. AND ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF SPRING LAKE GARDEN DESIGN, INC. IS STRICTLY PROHIBITED. THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE, LOSS, OR INJURY RESULTING FROM THE USE OF THIS DRAWING.

NOTES:
 Conceptual Only - not for building

SPRING LAKE GARDEN DESIGN
 INC. 100 N. B. ST. # 200
 GARDEN CITY, OHIO 44134

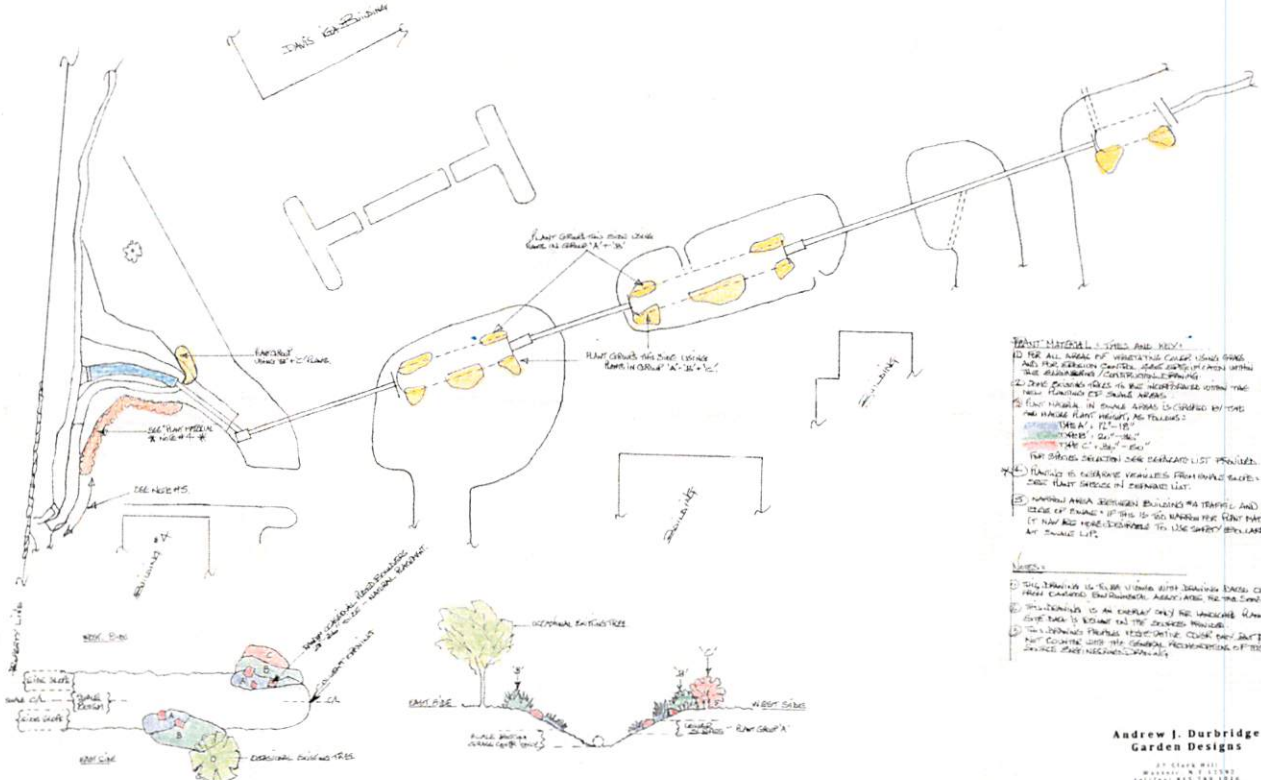
Lee Grubbs
 Designer

Catherine Cooke
 Designer

PLANNING THE FINE

**Andrew J. Durbridge
Garden Designs**

BY CLARK HILL
10000 N. 100TH
EDMONTON, AB T4N 1L6
WWW.ANDREWJURDRIDGE.COM
P 780.488.8888



- PLANT MATERIAL LIST AND KEY:**
- 1) ALL AREAS OF UNDESIRABLE GRASS SHOULD BE REMOVED AND REPLACED WITH PERENNIALS / COVER CROPPING
 - 2) DRIVE BORDER - TREES TO BE REPLACED WITH NEW PLANTING (SEE DRAWING)
 - 3) PLANTING IN DRIVE AREAS IS GROUPED BY TREE HEIGHT, PLANT HEIGHT, AND TREES:
 - TREES > 10' - 12'
 - TREES 6' - 8'
 - TREES 4' - 6' - 4) PLANTING IS GROUPED INTO AREAS FROM INLAND TO DRIVE IN THAT ORDER IN DRAWING LIST
 - 5) PLANTING AREAS BETWEEN BUILDINGS OR TRAILS AND DRIVE OR DRIVE IS TO BE 10' TO 15' WIDE (SEE DRAWING LIST) PLANTING IS TO BE 10' TO 15' WIDE (SEE DRAWING LIST)
- NOTES:**
- 1) THE DRIVEWAY IS TO BE REPLACED WITH PERENNIALS OR GRASS (SEE DRAWING LIST)
 - 2) THE DRIVEWAY IS TO BE REPLACED WITH PERENNIALS OR GRASS (SEE DRAWING LIST)
 - 3) THE DRIVEWAY IS TO BE REPLACED WITH PERENNIALS OR GRASS (SEE DRAWING LIST)
 - 4) THE DRIVEWAY IS TO BE REPLACED WITH PERENNIALS OR GRASS (SEE DRAWING LIST)

**Andrew J. Durbridge
Garden Designs**

BY CLARK HILL
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P 780.488.8888

MENT GREEN, LLC	
10000 N. 100TH	EDMONTON, AB
WWW.ANDREWJURDRIDGE.COM	P 780.488.8888
PERENNIAL SYSTEM - PERENNIALS - LANDSCAPE DESIGN	
DATE: 2024	SCALE: 1/4" = 1'-0"