

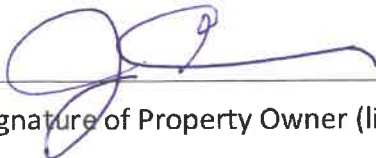
Town of Washington Inland Wetlands Commission

APPLICATION TO MODIFY AN APPROVED PERMIT

1. Address of Permitted Activity: 69 WYKEHAM ROAD
2. Name of Property Owner: JOHN TREVENEN
3. Granted Permit # IW- 20-49 Approval Date: 9-23-2020 Granted for: 2 years
4. Mailing Address of Property Owner: P.O. Box 1480 WASHINGTON, CT. 06793
5. Property Owner's Phone Number: (917) 929-0124 Email: JOHNTREVENEN@ME.COM
6. Authorized Agent: BRIAN NEFF Letter of Authorization? Yes No
7. Agent's Phone Number: (860) 354-2246 Email: BNEFFPE@GMAIL.COM
8. Brief Discussion of Permitted Activity(s): CONSTRUCTION OF GARAGE ADDITION TO THE EXISTING HOUSE & TREE CUTTING IN REGULATED AREA.

9. Per Section 8.08.b of the Inland Wetlands & Watercourses Regulations please provide on a separate sheet:
- a. reasons for and nature of all proposed revisions
 - b. assessment of the potential increase or diminished impact to the wetlands, watercourses, and/or to the regulated area due to the proposed revision
 - c. revised site plan or map
 - d. revised sequence of construction
 - e. revised erosion and sedimentation control plan (if applicable)
 - f. any other pertinent information
10. This application must be completed in its entirety, signed by the property owner and supporting documents: 1) Attached required information, 2) Yellow Mandatory Land Use Pre-Application Form signed by the property owner, written approval from the conservation easement holder, if applicable, 3) Agent Authorization Letter, if applicable, and 4) \$60 Fee – per Section 9.01 of the Inland Wetlands & Watercourses Regulations.

The undersigned property owner consents to necessary and proper inspections of the above mentioned property by the IWC and/or its agent at reasonable times, both before and after action on this application:


Signature of Property Owner (live ink)

3/12/21
Date

Office Use: Approved Permit: IW- 20-49 Fee: \$ 100 Check # 7736 Date: 3-18-21 Cash
Received by: S. White Date: 3-19-21 Scanned

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.)
TENSILE STRENGTH AT 20% (MAX.) ELONGATION	EXTRA STRENGTH - 50 LBS./LIN. IN. (MIN.)
FLOW RATE	0.3 GAL./SQ. FT./MIN. (MIN.)

- (B) **SYNTHETIC FILTER FABRIC REQUIREMENTS**
FABRIC SHALL BE 10 OUNCE PER SQUARE YARD (MIN.).

POSTS FOR FILTER FENCE SHALL BE EITHER 2 x 2 OR 2 x 3 INCH STUDS OR 0.5 POUNDS (MINIMUM) PER LINEAR FOOT STEEL WITH A MINIMUM LENGTH OF 4 FEET. STEEL POSTS SHALL HAVE PROJECTIONS FOR FASTENING WIRE TO THEM.

SOME SILT FENCES REQUIRE A WIRE BACKING. CONSULT MANUFACTURER'S INSTRUCTIONS FOR PROPER INSTALLATION REQUIREMENTS.

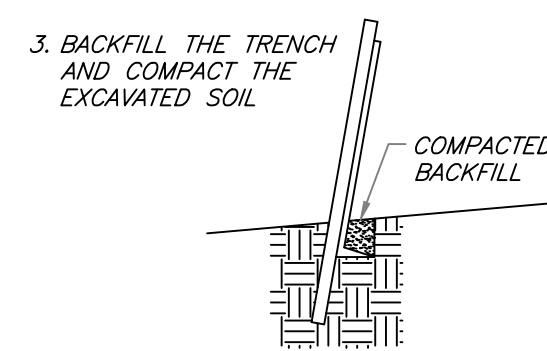
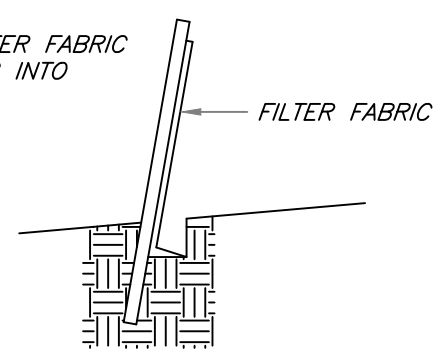
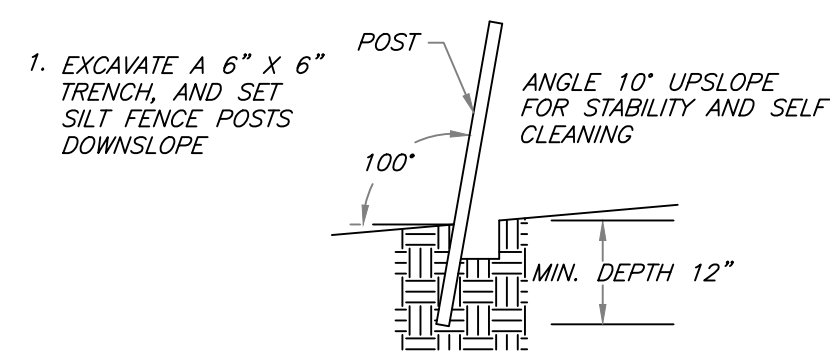
2) INSTALLATION REQUIREMENTS

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

- (A) 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 10 FEET AWAY FROM THE TOE OF SLOPE.
- (B) WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED. SEE MANUFACTURER'S RECOMMENDATIONS.
- (C) POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM OF 12 INCHES).
- (D) A TRENCH SHALL BE EXCAVATED APPROXIMATELY 6 INCHES WIDE AND 6 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- (E) THE FILTER FABRIC IS STAPLED, WIRED, OR TIED DIRECTLY TO THE POSTS WITH 8 INCHES OF THE FABRIC EXTENDING INTO THE TRENCH.
- (F) THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FENCE.
- (G) FILTER BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

3) MAINTENANCE

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



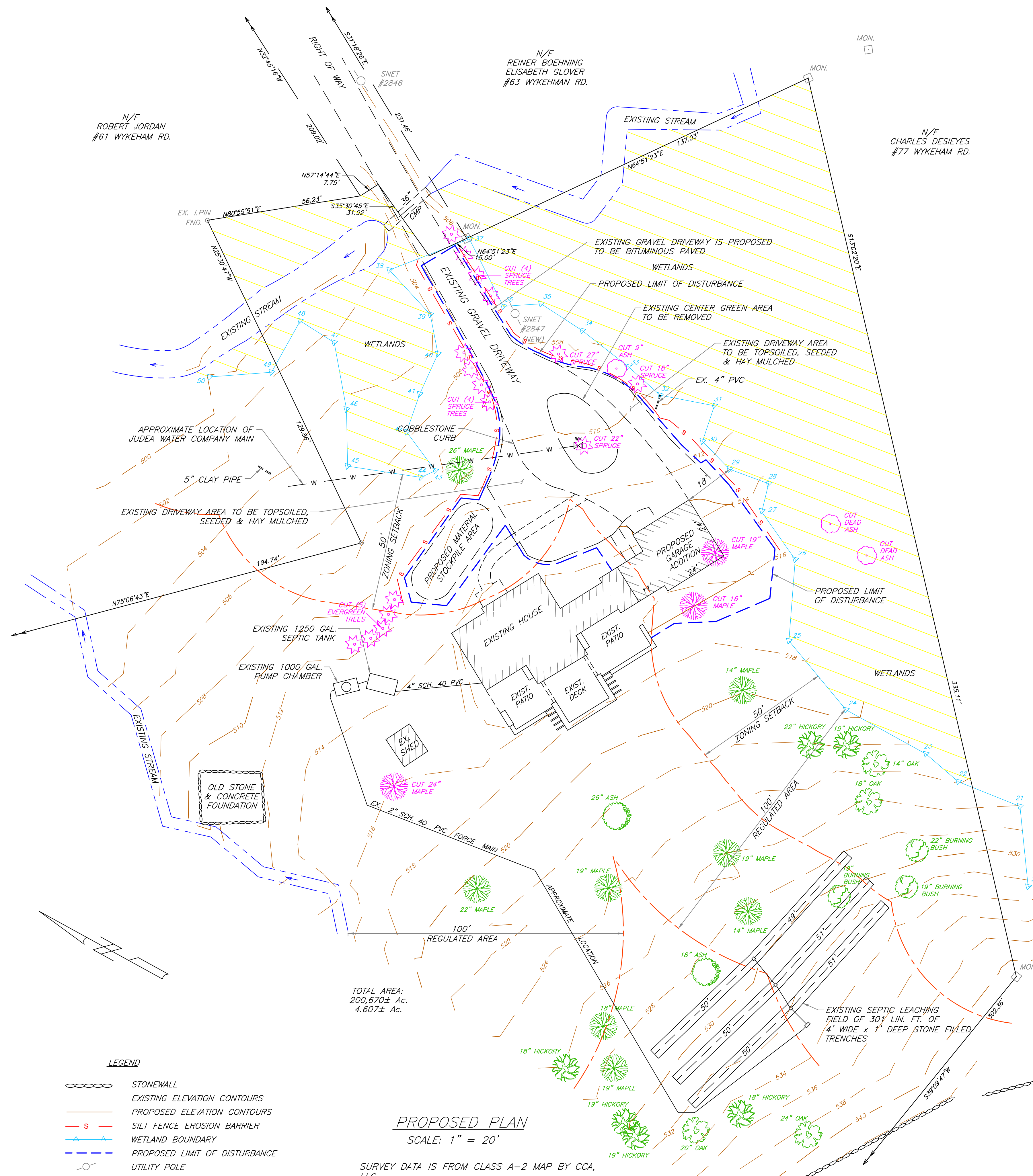
SILT FENCE INSTALLATION DETAIL
SCALE: NONE

LEGEND

	STONEWALL
	EXISTING ELEVATION CONTOURS
	PROPOSED ELEVATION CONTOURS
	SILT FENCE EROSION BARRIER
	WETLAND BOUNDARY
	PROPOSED LIMIT OF DISTURBANCE
	UTILITY POLE

PROPOSED PLAN
SCALE: 1" = 20'

SURVEY DATA IS FROM CLASS A-2 MAP BY CCA, LLC
WETLANDS WERE DELINEATED ON-SITE BY NUTMEG SOIL SERVICES
BUILDING ADDITION DATA IS FROM HINKEL DESIGN GROUP, LLC



PROPOSED SEQUENCE OF CONSTRUCTION

- CALL 1-800-922-4455 "CALL BEFORE YOU DIG" TO LOCATE ALL UNDERGROUND UTILITIES.
- INSTALL SILT FENCE BARRIER AROUND THE LIMIT OF DISTURBANCE.
- NOTIFY THE WASHINGTON INLAND WETLANDS COMMISSION OFFICE PRIOR TO THE START OF WORK AND SUBMIT "START CARD". WORK MAY BEGIN AFTER WETLAND ENFORCEMENT OFFICER INSPECTION AND APPROVAL.
- CLEAR TREES AND REMOVE STUMPS ONLY FROM THE GARAGE ADDITION AREA. CLEAR TREES FROM AROUND THE EXISTING HOUSE AND DRIVEWAY AND LEAVE STUMPS IN PLACE TO HOLD SOIL. ALL TREE LIMBS, TRUNKS, AND STUMPS MUST BE REMOVED FROM THE SITE.
- STRIP TOPSOIL FROM BUILDING SITE AND STOCKPILE.
- EXCAVATE FOR BUILDING FOUNDATION AND STOCKPILE SOIL IN ADJACENT AREA.
- INSTALL CONCRETE FOUNDATION FOOTINGS AND WALLS AND BACKFILL.
- CONSTRUCT WOOD FRAMED GARAGE ADDITION.
- INSTALL BITUMINOUS PAVING OVER EXISTING GRAVEL DRIVEWAY.
- TOPSOIL, RAKE, SEED AND HAY MULCH THE DISTURBED SOIL AREAS IN ACCORDANCE WITH THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL".
- THE SITE MUST BE FULLY STABILIZED PRIOR TO EROSION BARRIER REMOVAL.
- NOTIFY THE WASHINGTON INLAND WETLANDS COMMISSION UPON WORK COMPLETION AND SUBMIT "FINISH CARD".

PROJECT NARRATIVE DESCRIPTION

THE PROJECT CONSISTS OF THE CONSTRUCTION OF AN ATTACHED 2-CAR GARAGE ADDITION TO A SINGLE FAMILY DWELLING ON A 4.607± ACRE LOT AT 69 WYKEHAM ROAD IN WASHINGTON, CONNECTICUT.

SOME TREE REMOVAL AROUND THE EXISTING HOUSE IS ALSO PROPOSED TO ALLOW FOR THE GARAGE ADDITION AND TO PREVENT POTENTIAL IMPACT TO THE HOUSE DURING STORM EVENTS. TREE STUMPS WILL BE LEFT IN PLACE EXCEPT FOR THE TREES IN THE IMMEDIATE GARAGE CONSTRUCTION AREA.

THE PROPERTY IS AN INTERIOR LOT WITH RIGHT OF WAY DRIVEWAY ACCESS TO THE ROAD. THERE IS A WATERCOURSE WHICH FLOWS IN A NORTHWESTERLY DIRECTION THROUGH A 36" DIA. CULVERT PIPE UNDER THE DRIVEWAY. WETLANDS ARE LOCATED ON THE NORTH AND EAST SIDES OF THE EXISTING HOUSE AND A WATERCOURSE LOCATED ON THE WEST SIDE OF THE HOUSE.

THE PROPOSED GARAGE ADDITION IS LOCATED IN A NARROW SECTION OF EXISTING DRIVEWAY/PARKING AREA AND LAWN ON THE EAST END OF THE EXISTING HOUSE. NO MODIFICATION OF THE EXISTING DRIVEWAY IS REQUIRED AND MINIMAL GRADING IS NEEDED FOR THE SLAB-ON-GRADE CONSTRUCTION. THE EXISTING GRAVEL DRIVEWAY IS TO BE BITUMINOUS PAVED. NO DISTURBANCE OF WETLANDS OR WATERCOURSES IS PROPOSED.

THE PROPOSED SITE CONSTRUCTION EQUIPMENT CONSISTS OF TRACKED EXCAVATOR AND DUMP TRUCKS.

THE PRIMARY CONCERN RELATED TO THE PROPOSED DEVELOPMENT IS TO PREVENT MIGRATION OF SILT AND SEDIMENT FROM THE CONSTRUCTION ACTIVITY INTO WETLANDS LOCATED DOWN-GRADE OF THE PROPOSED CONSTRUCTION AREA. SILT FENCE EROSION BARRIERS ARE TO BE INSTALLED DOWN-GRADE OF CONSTRUCTION AREAS.

THE PROPOSED START OF CONSTRUCTION IS DURING THE AUTUMN OF 2020 WITH COMPLETION BY THE SPRING OF 2021.

THE RECOMMENDED MAINTENANCE PROGRAM FOR EROSION CONTROLS CONSISTS OF INSPECTIONS ON A WEEKLY BASIS OR AFTER HEAVY RAINFALL FOR DAMAGE AND CLOGGING. ALL DAMAGE AND CLOGGING SHALL BE REPAIRED IMMEDIATELY. THE PROPERTY OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH THE EROSION AND SEDIMENT CONTROL PLAN.

NOTES

- PROPERTY SIZE: 4.607± ACRES
- TAX ASSESSOR MAP 3, BLOCK 6, LOT 16
- ZONING DISTRICT: R-1 (FARMING & RESIDENTIAL)
- 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 NON-GROWING SEASONS (NOVEMBER - MARCH) SHALL BE MULCHED AS NEEDED TO PREVENT SOIL EROSION. REMOVE MULCH, SEED, AND REMULCH 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 TOWN WETLANDS ENFORCEMENT OFFICER OR THE DESIGN ENGINEER BASED UPON SITE CONDITIONS.

- OWNER OF RECORD: JOHN TREVENEN
- REVISION : ADDED PROPOSED TREE CUTTING 9-18-2020
- REVISION : ADDED EXISTING DRIVEWAY PAVING 3-2-2021

SOIL EROSION & SEDIMENT CONTROL PLAN		
PROPOSED GARAGE ADDITION		
69 WYKEHAM ROAD WASHINGTON, CONNECTICUT		
DATE: 8-16-2020	BRIAN E. NEFF LICENSED ENGINEER 128 BACON ROAD ROXBURY, CT 06783 (860) 354-2246	DRAWN BY: B.E. NEFF
REVISED: 3-2-21		DRAWING NUMBER: SHEET 1 OF 1