Office Use Only
Fee Paid $135.00 pd ck # 1263 2/21/20
Public Hearing: YES NO Date Approved _____ Permit Number IW-20-005
Agent Approval: YES NO

TOWN OF EAST HAMPTON
INLAND WETLANDS & WATERCOURSES AGENCY

RECEIVED
FEB 21 2020
TIME

Date: 2/20/2020

1. Name of Applicant* Paul Catalano
Phone Numbers: Home 8608418084, Business 8605373338, Cell 8608418084
Home Address: Street 33 Spellman Pt Rd. Town East Hampton State/Zip CT 06424
Business Address: Street 87 Lebanon AVE Town Colchester State/Zip CT 06415
* All applications MUST list contact phone numbers. If the applicant is a Limited Liability Corporation or a Corporation, provide the managing member's or responsible corporate officer's name, address, and telephone number.

2. Name of Property Owner (if different from Applicant): Paul Catalano Phone 8608418084
Address: Street 33 Spellman PT Rd Town East Hampton State/Zip CT 06424
As the legal owner of the property listed on this application I hereby consent to the proposed activities. I hereby authorize the members and agents of the Agency to inspect the subject land, at reasonable times, during the pendency of the application and for the life of the permit.
Printed Name: Paul Catalano, Signature: _____, Date: 2/20/2020

3. Provide the applicant's interest in the land. Owner

4. Site Location and Description: Assessor's Map 9A, Block 70A, Lot 25
Address: Street 33 Spellman Point Rd Town East Hampton State/Zip CT 06424
Note: It is the applicant's responsibility to provide the correct site address, map, block, and lot number for the legal notice.
Provide a description of the land in sufficient detail to allow identification of the inland wetlands and watercourses, the area(s) (in acres or square feet) of wetlands or watercourses to be disturbed, soil type(s), and wetland vegetation.
Area of Wetland to be disturbed: 0 acres or sq. ft.
Area of Watercourse to be disturbed 0 acres or sq. ft.
Area of Upland Review Area to be disturbed: 540 sq FT acres or sq. ft. (Area within 100' of wetland)
TOTAL AREA OF DISTURBANCE 540 sq FT **acres or sq. ft.**
Will fill be needed on site? Yes (No) If yes, how much fill is needed? 0 cubic yards gravel chip base
The property contains (circle one or more)
WETLANDS, BROOK, RIVER, INTERMITTANT STREAM, VERNAL POOL, SWAMP, OTHER _____
Description of soil types on site: _____
Description of wetland vegetation: _____
Name of Soil Scientist and date of survey: NA

5. Attach a written narrative of the purpose and description of the proposed activity and proposed erosion and sedimentation controls, best management practices, and mitigation measures which may be considered as a condition of issuing a permit for the proposed regulated activity including but not limited to; measures to: (1) prevent or minimize pollution or other environmental damage, (2) maintain or enhance existing environmental quality, or (3) in the following order of priority: restore, enhance or create productive wetland or watercourse resources. Depending on the complexity of the project, include the following: sequence of operations, drainage computations with pre and post construction runoff quantities and runoff rates, plans clearly showing the drainage areas corresponding to the drainage computations, existing wetland inventory and functional assessment, soils report, construction plans signed by a certified soils scientist, licensed surveyor, and licensed professional engineer. Include a construction schedule, impacts to vegetation, and pictures that clearly show the existing conditions of all areas to be disturbed and/or cleared of vegetation.
6. Provide information of all alternatives considered. List all alternatives which would cause less or no environmental impact to wetlands or watercourses and state why the alternative as set forth in the application was chosen. All such alternatives shall be diagramed on a site plan or drawing.

Attach plans showing all alternatives considered.

7. Attach a site plan showing the proposed activity and existing and proposed conditions in relation to wetlands and watercourses and identifying any further activities associated with, or reasonably related to, the proposed regulated activity which are made inevitable by the proposed regulated activity and which may have an impact on wetlands or watercourses. Include a colored grading plan showing areas to be filled (green) and areas to be excavated (brown) that clearly shows existing and proposed contours and proposed limits of disturbance.

8. Attach the names and mailing addresses of adjacent landowners. Attach additional sheets if necessary.
Name_____Address _____
Name_____Address _____
Name_____Address _____

9. Attach a completed DEEP reporting form.
The Agency shall revise or correct the information provided by the applicant and submit the form to the Commissioner of Environmental Protection in accordance with section 22a-39-14 of the Regulations of Connecticut State Agencies.

10. Attach the appropriate filing fee based on the fee schedule in Section 19 of the regulations.
Fee: _ (Make check payable to "The Town of East Hampton")

11. Name of Erosion Control Agent (Person Responsible for Compliance): Paul Catalano
Cell 860 891 8084 Phone Numbers: Home_____, Business_____,
Address: Street 33 Spellman Pl Town East Hampton
State/Zip CT 06424

12. Are you aware of any wetland violations (past or present) on this property? YES NO
If yes, explain _____

13. Are you aware of any vernal pools located on or adjacent (within 500')to the property? YES NO

14. For projects that do not fall under the ACOE Category 1 general permit – Have you contacted the Army Corps of Engineers? YES NO

15. . Is this project within a public water supply aquifer protection area or a public water supply watershed area? YES NO
If so, have you notified the Commissioner of the Connecticut Department of Public Health and the East Hampton WPCA? YES NO
(Proof of notification must be submitted with your application.)

16. PUBLIC HEARINGS ONLY. The applicant must provide proof of mailing notices to the abutters prior to the hearing date.

17. ***As the applicant I am familiar with all the information provided in the application and I am aware of the penalties for obtaining a permit through deception or through inaccurate or misleading information.***
Printed name: Paul Catalano, Signature: _____, Date: 2-20-20
Please Note: You or a representative must attend the Inland Wetlands meeting to present you application.

I am proposing to do three landscaping projects at my home at 33 Spellman Point Rd:

- Remove stone and non-pervious paver walkway along with the retaining fabric in front of the home and replace with pervious pavers. To complete the project there will be pervious material brought to the site to make the base under the pavers. The paver patio will be approximately 540 sq feet; 15 by 36. The current stone area is currently 14 by 36. The removed stove will be put into the current driveway. A silt fence will be placed between the patio and the lake while construction is being done. The paver has a 909 inch/ hr infiltration rate.
    - Material brought to site
        - 1.5" of bedding coarse
        - 4' base coarse
        - Variable subbase course to level; between .5 to 3 "

- Remove 5 stumps currently protruding from ground on the property line. The current stone retaining wall be removed during the stump removal. The wall is 2 feet tall at it high point and slopes to grade. After the stumps are removed soil will be removed and placed on two locations of property. The wall will be replaced 11 feet closer to the property line to allow for car turn around in the driveway. This turnaround is a required to accommodate the third landscape project- a rain garden. The soils removed will be used for this rain garden. The second location is to be placed around existing drainage pipes. Currently the soil around the drainage pipes has eroded causing pooling water. The soil will cover the pips and be seeded to hold in place.

- Using the excavated material from around the stumps on the side of the driveway build a rain garden at the bottom of the driveway curve. The driveway was constructed with a permitted trap rock trench to bring water down the driveway. The water dumps at the bottom of the driveway on the property line. This area is higher than the home so it runs down and pools against the house. The rain garden will be built with a berm to retain and utilize the water. Plantings will be sourced from Jessica's Garden per recommendation to handle the water. A silt fence will be placed until stabilization of the berm.

INSTALLATION GUIDE

SURFACE INFILTRATION CHARACTERISTICS

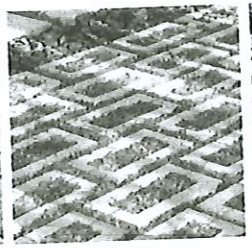
PERMEABLE PAVERS	PERCENT OF SURFACE OPENING (%)	JOINT WIDTH (mm)	INFILTRATION RATE[1] (mm/h)
ANTIKA[2]	Variable	Variable	993 in./hr (25 227 mm/hr)
AQUASTORM[2]	38.4	1 5/8" (41 mm)	2 395 in./hr (60 842 mm/hr)
BLU 80 mm[2]	3.0	9/32" (7 mm)	570 in./hr (14 475 mm/hr)
BLU 80 mm (6x13)[2]	4.6	9/32" (7 mm)	570 in./hr (14 475 mm/hr)
INFLO[1]	5.8	1/2" (13 mm)	837 in./hr (21 267 mm/hr)
MIKA[2]	7.8	5/8" (15 mm)	909 in./hr (23 094 mm/hr)
MISTA RANDOM[1]	6.3	3/16" (4 mm) to 9/16" (14 mm)	610 in./hr (15 505 mm/hr)
PURE[2]	5.0	3/8" (10 mm)	726 in./hr (18 440 mm/hr)
TRAVERTINA RAW [2]	7.8	5/8" (15 mm)	793 in./hr (20 150 mm/hr)
VALET[2]	5.9	9/32" (7 mm)	400 in./hr (10 160 mm/hr)
VICTORIEN 60 mm PERMEABLE[1]	9.6	3/8" (10 mm)	909 in./hr (23 085 mm/hr)
VILLAGIO[1]	8.0	3/8" (9 mm) to 9/16" (15 mm)	896 in./hr (22 750 mm/hr)
PERMEABLE SLABS	**PERCENT OF SURFACE OPENING (%)**	**JOINT WIDTH (mm)**	**INFILTRATION RATE[1] (mm/h)**
BLU 60 mm[2]	3.0	9/32" (7 mm)	570 in./hr (14 475 mm/hr)
BLU 60 mm (6x13)[2]	4.6	9/32" (7 mm)	570 in./hr (14 475 mm/hr)

[1] Measurements were taken at various sites in conformity to the standard ASTM C 1701-09.
[2] Measurements were taken at various sites in conformity to the standard ASTM C 1781.

OTHER PERMEABLE POSSIBILITIES

BLU 60 MM SLAB

(page 23 to 27)



AQUASTORM PAVER

(page 50)

ANTIKA PAVER

(page 49)

BLU 80 MM PAVER

(page 52 to 55)

MIKA PAVER

(page 72)

MISTA RANDOM PAVER

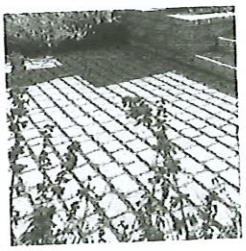
(page 74)

TRAVERTINA RAW PAVER

(page 82)

VALET PAVER

(page 83)



VILLAGIO PAVER

(page 85)

ORiginal.

Current.


Stump
Wall