

Town of Washington Inland Wetlands Commission

PERMIT APPLICATION

Applicant's Name: Arthur H Howland & Associates PC Date: 2-11-2022

Activity Address: 42 Barnes Road

APPLICATION FOR:

- Regulated activity: Proposed addition to existing home & Proposed garage
- Subdivision feasibility: # of lots _____
- Correction of a violation: _____
Permits to correct violations will expire at the end of time the period specified by Commission for remedial action.
- Exemption: see separate form - *Application for an Exemption*
- Other -specify: _____

FOR OFFICE USE ONLY

Date Submitted: _____ Received By: _____ Scanned

Application #: IW-22-06 IWC Date of Receipt: _____

Fee Paid: _____ Cash Check# _____ Check date: _____ By: _____

Date (14 Days from Receipt) _____ 65 Days from Receipt: _____

Public Hearing Date: _____ Continued to: _____

Extension Request Date : _____ Date Extension Ends : _____

ACTION TAKEN:

- Application Withdrawn Date: _____ Comment: _____
- Denied Without Prejudice Denied Date: _____ Reason: _____
- IWC Approval Date: _____ Agent Approval _____ Date: _____

Please complete the entire form as applicable. Attach supporting documentation. The applicant is responsible for providing all pertinent information and may be required to supply additional information and/or pay for expert consultation, beyond what is outlined on this form. To save time and avoid rejection of an application, read and use the ***Inland Wetland and Watercourses Regulations***, Town of Washington and the ***Applicant's Guide to Completing and Processing an Application for an Inland Wetlands Permit*** before applying.

Applications must be complete* and submitted to the Land Use Office no later than 7 calendar days before the next regular scheduled meeting to allow sufficient time for administrative, public, and commissioner review. The application will be considered at the next regularly scheduled meeting. **Complete** applications submitted to the Land Use Office later than the specified deadline for that meeting, may be added to the agenda at the discretion of the Commission. Consideration of late applications will await preliminary review by the administrative staff as time permits. The schedule of meetings and times is posted at the Town Hall and at www.WashingtonCt.org.

***To be considered "complete," the application must include:**

- Yellow Mandatory Land Use Pre-Application Form signed by the property owner and if applicable, a letter from conservation easement holder
- All required forms, attachments and authorizations;
- Live (ink) signature(s) of the property owner(s);
- The Statewide Inland Wetlands and Watercourses Activity Reporting Form (Section II completed);
- A check, payable to the Town of Washington, for the **Application Fee** of \$60.00, **plus any other applicable fees from the posted Fee Schedule**, plus the required **State Tax** of \$60.00; **Total fee: \$120.00.**

*****ALL PLANS AND DRAWINGS MUST BE FOLDED TO FIT IN LEGAL SIZE FOLDER – UNFOLDED PLANS WILL NOT BE ACCEPTED*****

Town of Washington Inland Wetlands Commission

SECTION I: CONTACT INFORMATION

- 1) Name of Owner: Colin Farmer
- 2) Mailing Address: 155 East 79th Street, Apt 11
City New York State: NY Zip: 10075
- 3) Telephone Home: (860) 354 9346 Cell: ()
- 4) Email: pszymanski@ahhowland.com
- 5) Authorized Agent (attach mandatory written authorization): See attached
- 6) Agent Address: 143 West Street, Suite E, New Milford, CT 06776
- 7) Agent's Home Telephone: () Business: (860) 354-9346
- 8) Agent's Email: pszymanski@ahhowland.com
- 9) Name, Address, Title and Phone Number of any Professional(s) or Contractor(s) to be involved in the project:
Paul Szymanski, PE C/o Arthur H Howland & Associates, PC 860-354-9346
143 West Street, Suite E, New Milford, CT 06776

- 10) All correspondence, notices, permits shall be sent to: Property Owner Agent

SECTION II: PROPERTY INFORMATION

- 1) Address of Property: 42 Barnes Road
- 2) Assessor's Map, Lot Number(s): 09-02-19
- 3) Total Acreage: 2.10
- 4) Located in a Historic District? Yes No
- 5) Applicant's Interest in Property (circle one): Owner Developer Option Holder
Other (describe): Engineer

SECTION III: PROJECT/ACTIVITY INFORMATION

- 1) Project/Activity Name (e.g. pond dredging, etc.): Addition & garage
- 2) If the activity involves the installation or repair of a septic system(s):
Has the Health Official approved the plan? Yes No
- 3) Total Wetland Acres: 0 Disturbed Wetland Acres: 0
- 4) Total Review Acres*: 2.00 +/- Disturbed Review Acres: 0.6
** The review area is all land within 100 feet of all wetlands soils and watercourses/water bodies. Activities beyond the 100-foot review area, which have the potential to adversely affect wetlands and watercourses, are also subject to wetlands jurisdiction and permitting requirements.*
- 5) Linear Feet of Watercourse: 0 Linear Feet of Watercourse disturbed: 0
- 6) Square feet of proposed impervious surfaces (roads, buildings, parking, etc.): _____
- 7) Does this project/activity comply with all applicable zoning regulations? Yes No

Town of Washington Inland Wetlands Commission

SECTION IV: PROJECT NARRATIVE

Attach separate sheet(s) if necessary

- 1) Proposed Activity (detailed description): This project involves the renovation & constructions of an addition to an existing single family home. Other improvemenets include the construction of a subsurface sewage disposal system grading, drainage system, expansion of a patio, demolition & reconstruction of a detached garage & other related appurtenances. Only retaining wall & infiltration system for roof runoff is in regulated area
- 2) The proposed activity will involve the following within wetlands, a watercourse, and/or a review area:
Check all that apply:
- Alteration Construction Pollution Deposition of Materials
 Removal of Materials Bridge or Culvert Discharge To Discharge From
 Other (describe) _____
- 2) Amount, type, and location of materials to be removed, deposited or stockpiled: _____
Approximately 100 cy fill per grading plan
- 3) Description of proposed project, construction work sequence, machinery to be used, & duration of activities: See Sheet SES.1 1.6.2 Construction Notes & Sequence
Machinery to be used: Rubber track mini excavator, triaxle dumptruck & backhoe
Duration of activities will take approximately 3-6 months
- 4) Describe alternatives considered and why the proposal described herein was chosen: _____
A larger addition was considered but it would have been in regulated area.

SECTION V: ADJOINING MUNICIPALITIES & NOTICE

- 1) Check whether any of the following circumstances apply **
- A portion of the property affected by the decision of the Commission is located within five hundred (500) feet of the boundary of an adjoining municipality.
 - A portion of the sewer or water drainage from the project site will flow through and significantly impact the sewage system within the adjoining municipality.
 - Water run-off from the improved site will impact streets or other municipal or private property within the adjoining municipality.

****If any of these situations apply (are checked), the applicant is required to give written notice of his/her application to the Inland Wetlands Agency of the adjoining municipality, on the same day that he/she submits this application. Notification must be by Certified Mail with Return Receipt Requested.**

Town of Washington Inland Wetlands Commission

SECTION VI: ATTACHMENTS

Please attach the following along with any other pertinent information:

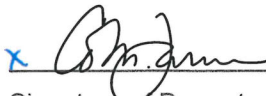
- 1) An 8.5" x 11" photocopy of the pertinent section of the USGS topographic quadrangle with the property outlined or pinpointed. *Note: USGS Topographic Quadrangle Map is available in the Land Use Office.*
- 2) Scale drawings of the project and property that show the project in detail. They should include the following:
 - a. Title block with project name, owner, date, total acres, address, and map drafter.
 - b. North arrow
 - c. Scale bar
 - d. Legend
 - e. Property lines
 - f. Wetland boundaries
 - g. Watercourses with direction of flow, water depth, & bottom characteristics (if applicable)
 - h. Edge of review area/100' setback.
 - i. Topographic contour lines
 - j. Dimensions and exact locations of proposed activities including material and soil stockpiles, erosion and sedimentation controls, ingress and egress patterns
 - k. Existing and proposed vegetation, including limit of disturbance line.
- 3) If a Soil Scientist is involved, his/her name, written report, and field sketch.
- 4) The Commission may, at its discretion, require an A-2 Survey showing wetland boundaries that have been flagged by a Certified Soil Scientist (CSS) and surveyed and plotted by a Licensed Surveyor.

SECTION VII: CONSENT AND SIGNATURE(S)

The undersigned, as owner(s) of the property, hereby consents to necessary and proper inspections of the above mentioned property by Commissioners and agents of the Inland Wetlands Commission, Town of Washington, at reasonable times, both before and after a final decision has been issued by the Commission. The undersigned hereby certifies that the information provided in this application, including its supporting documentation, is true and he/she is aware of the penalties provided in Section 22a-376 of the Connecticut General Statutes for knowingly providing false or misleading information.

Colin Farmer

Print Name of Property Owner

x 

Signature of Property Owner (live ink)

2-1-2022

Date

Print Name of Property Owner

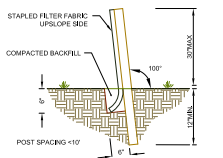
Signature of Property Owner (live ink)

Date

IN ORDER TO EXPEDITE THE PERMITTING PROCESS IT IS NECESSARY TO FILL OUT ALL SECTIONS OF THIS APPLICATION COMPLETELY.

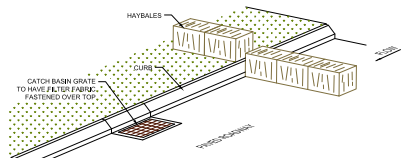
*****INCOMPLETE APPLICATIONS CANNOT BE PROCESSED*****

*****ALL PLANS AND DRAWINGS MUST BE FOLDED TO FIT IN LEGAL SIZE FOLDER – UNFOLDED PLANS WILL NOT BE ACCEPTED*****



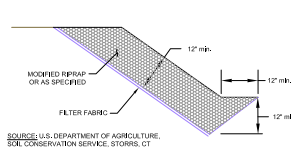
PLACEMENT AND CONSTRUCTION OF A SILT FENCE BARRIER

N.T.S.



HAY BALE INSTALLATION AT CATCH BASINS IN PAVEMENT

N.T.S.

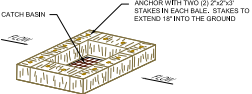


EMBANKMENT SLOPE STABILIZATION

N.T.S.

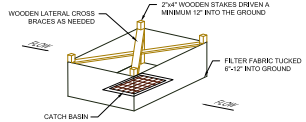
SOIL EROSION AND SEDIMENTATION CONTROL PLAN

- THIS PROJECT INVOLVES THE RENOVATION AND CONTRICTIONS OF AN ADDITION TO AN EXISTING BRICK FARM HOUSE. OTHER IMPROVEMENTS ALSO INCLUDED AS PART OF THE PROJECT INCLUDE THE CONSTRUCTION OF A SUBSURFACE SEWAGE DISPOSAL SYSTEM, GRADING, DRAINAGE SYSTEM, EXPANSION OF A PATIO, DEMOLITION AND RECONSTRUCTION OF A DETACHED GARAGE & OTHER RELATED APPURTENANCES.
- THE AREA OF THE PROJECT SITE IS APPROXIMATELY 2.0 ACRES, OF WHICH ABOUT 0.8 ACRES ARE EXPECTED TO BE DISTURBED (210 SQ. FEET) WITHIN WETLAND REGULATED AREAS.
- SPECIAL CARE SHOULD BE TAKEN ON THIS SITE TO ENSURE THAT THE CONSTRUCTION FENCE, SILT FENCE AND/OR HAY BALES ARE REPLACED PROMPTLY IF DAMAGED.
- THE CONSTRUCTION OF THE ADDITION, DETACHED GARAGE AND RENOVATION OF THE HOUSE AND RELATED IMPROVEMENTS ARE THE ONLY IMPROVEMENTS ASSOCIATED WITH THIS PROJECT.
- ALL NECESSARY PERMITS SHALL BE ACQUIRED PRIOR TO THE START OF CONSTRUCTION.
- 1.1 SOIL EROSION AND SEDIMENT CONTROL MEASURES
 - PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, ANY NECESSARY SURVEYING TO MARK BOUNDARY LINES AND/OR LIMITS OF CLEARING SHALL BE COMPLETED.
 - EROSION CONTROL MEASURES, AS SHOWN ON THE PLAN, SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AND MEASURES ARE TO BE MAINTAINED UNTIL ALL SITE WORK IS COMPLETED AND ALL SEEDED AREAS HAVE ESTABLISHED GROWTH.
 - ANY MATERIAL STORAGE PILES OUTSIDE THE IMMEDIATE CONSTRUCTION AREA SHALL HAVE A SILT FENCE OR APPROVED EQUAL SURROUNDING THEM TO CONFINE THE MATERIAL AND POSSIBLE EROSION.
 - THE DISTURBANCE OF LAND SHALL BE AS MINIMAL AS PRACTICABLE. RESTORATION OF ALL AREAS SHALL OCCUR AS SOON AS POSSIBLE. IF DISTURBED AREAS ARE EXPOSED FOR MORE THAN 30 DAYS, IT SHALL BE TEMPORARILY SEEDED PER SECTION 5-1 OF THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, AS AMENDED. IN THE EVENT THAT CONSTRUCTION OCCURS DURING TIMES WHEN SEEDING CAN NOT BE CARRIED OUT, EROSION AREAS SHALL BE MULCHED WITH HAY OR HAVE NETTING INSTALLED AND MAINTAINED TO PREVENT EROSION.
 - ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND PRACTICES AS SET FORTH IN THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL," AS AMENDED.
 - ALL EROSION CONTROL MEASURES SHALL BE INSPECTED DAILY. IF THE MEASURES ARE DAMAGED, THEY SHALL BE REPAIRED AND/OR REPLACED IMMEDIATELY.
 - IN ORDER TO PREVENT EROSION, EARTH SLOPES SHALL BE 2" (HORIZONTAL) TO 1" (VERTICAL), MAXIMUM. ALL 2:1 (HORIZONTAL) TO 1" (VERTICAL) SLOPES SHALL BE STABILIZED WITH BIOERODIBLE MATTING OR APPROVED EQUAL.
 - IN ORDER TO CONTROL SEDIMENT, TEMPORARY BARRIERS, UTILIZING STAPLED HAY BALES OR SILT FENCE SHALL BE INSTALLED AS SHOWN ON THE PLAN. ANY TRAPPED SEDIMENT SHALL BE DISPOSED OF IN AN ENVIRONMENTALLY ACCEPTABLE MANNER.
 - ANY REQUIRED CULVERTS OR DRAINAGE FACILITIES SHALL BE OF PROPER CONSTRUCTION SO AS TO PREVENT EROSION DURING AND AFTER CONSTRUCTION.
 - ADDITIONAL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AFTER THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR AND A REPRESENTATIVE FROM THE TOWN SHALL BE PRESENT.
- 1.1.4 CONSTRUCTION NOTES AND REQUIREMENTS FOR ADDITION CONSTRUCTION AND RENOVATION OF THE SINGLE FAMILY HOUSE AND GARAGE
 - OBTAIN ALL NECESSARY PERMITS.
 - FLAG THE LIMITS OF CONSTRUCTION, DRIVEWAY BASELINE, AND TREE PROTECTION AREAS.
 - HOLD PRECONSTRUCTION MEETING (REMEMBER TO CALL BEFORE YOU DIG 1-800-222-4455). TYPE OF EQUIPMENT TO BE UTILIZED WOULD BE A RUBBER TRACK MIN EXCAVATOR, TRIMBLE DUMP TRUCK AND BACKHOE.
 - HOLD TREE CUTTING MEETING.
 - INSTALL THE CONSTRUCTION ENTRANCE (1 DAY).
 - INSTALL EROSION AND SEDIMENTATION CONTROLS AS SHOWN ON THE PLAN PRIOR TO CONSTRUCTION ACTIVITY (1 WEEK).
 - DEMOL EXISTING GARAGE AND REMOVE ALL MATERIAL IN DUMPSTERS FOR DISPOSAL.
 - CUT TREES WITHIN THE DEFINED CLEARING LIMITS AND REMOVE CUT WOOD, CHIP BRUSH AND SLASH STOCKPILE CHIPS FOR FUTURE USE OR REMOVE OFF SITE (1 WEEK). EXCAVATE ALL STUMPS LOCATED IN THE STRUCTURAL AREA AND REMOVE TO A DESIGNATED SITE OR STOCKPILE AREA TO BE CAPPED. STUMPS IN NONSTRUCTURAL AREAS MAY BE GRUNDED IN PLACE OR CUT FLUSH WITH THE GROUND LEVEL AND LEFT IN PLACE IN ACCORDANCE WITH THE PLAN. (6 MONTHS).
 - STRIP ALL TOPSOIL WITHIN THE SLOPE LIMITS, STOCKPILE ALL TOPSOIL IN AN APPROVED AREA AND SECURE WITH EROSION AND SEDIMENT CONTROLS (1 WEEK).
 - MAKE ALL CUTS AND FILLS REQUIRED, ESTABLISH THE SUBGRADE FOR THE TOPSOIL AREAS AND DRIVEWAY, BENCH THE PROPOSED HOUSE AREA TO A SUBGRADE, ALLOW A REASONABLE AMOUNT OF AREA AROUND THE FOOTPRINT OF THE HOUSE FOR THE CONSTRUCTION ACTIVITIES (1 WEEK).
 - BEGIN CONSTRUCTION OF ADDITION, HOUSE RENOVATION AND DETACHED GARAGE, INSTALL SEPTIC SYSTEM, PERMANENTLY SEED SEPTIC AREA IMMEDIATELY AFTER INSTALLATION, WITHIN TWO WEEKS OF ROOF COMPLETION, GUTTERS SHALL BE INSTALLED SO THAT THE RUNOFF CAN BE APPROPRIATELY HANDLED FOR THE PLAN. (6 MONTHS).
 - CONSTRUCT DRAINAGE PER PLANS. INSTALL ALL UNDERGROUND UTILITIES TO WITHIN 5 FEET OF THE HOUSE AT THIS TIME (1 WEEK).
 - PREPARE SUBBASE, SLOPES, DRIVEWAY, AND ANY OTHER DISTURBANCE FOR FINAL GRADING (1 WEEK).
 - INSTALL PROCESSED AGGREGATE IN DRIVEWAY (1 WEEK).
 - PLACE TOPSOIL, WHERE REQUIRED, COMPLETE ANY PROPOSED PERIMETER LANDSCAPE PLANTINGS (1 WEEK).
 - FINE GRADE, RAKE, SEED, AND MULCH TO WITHIN 2 FEET OF DRIVEWAY (1 WEEK).
 - UPON SUBSTANTIAL COMPLETION OF THE HOUSE, COMPLETE THE BALANCE OF SITE WORK AND APPLY STABILIZATION MEASURES (I.E. TOPSOIL, SEEDING, SOILING, MULCHING, ETC.) TO DISTURBED AREAS, FOLLOW SECTION 5-1 OF THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL (1 WEEK).
 - INSPECT AND CLEAN DRAINAGE AS NEEDED (1 DAY).
 - CLEAN UP ANY TRAPPED SEDIMENT AND PLACE IN AN AREA THAT WILL ALLOW IT TO BLEND INTO THE LANDSCAPE. REMOVE SEE CONTROLS AT PROPER TIMES, ONLY AFTER ALL CONSTRUCTION AREAS ARE STABILIZED (1 DAY).
 - AFTER DISTURBED AREAS ARE STABILIZED, REMOVE TEMPORARY PERIMETER EROSION CONTROLS (I.E. SILT FENCE, HAYBALES, ETC.) (3 DAYS).
 - REMOVE CONSTRUCTION ENTRANCE (1 DAY).



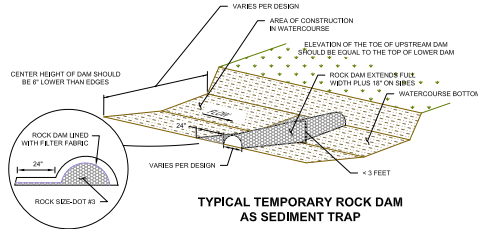
HAY BALE INSTALLATION AT CATCH BASINS

N.T.S.



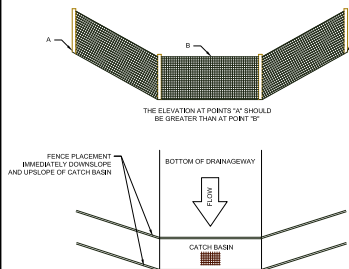
SILT FENCE INSTALLATION AT CATCH BASINS

N.T.S.



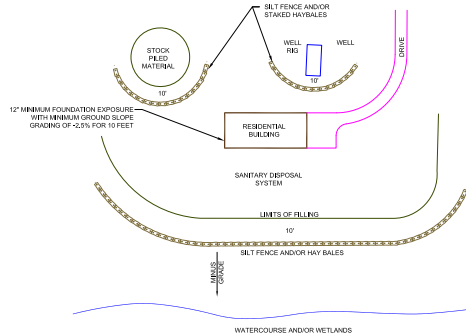
TYPICAL TEMPORARY ROCK DAM AS SEDIMENT TRAP

N.T.S.



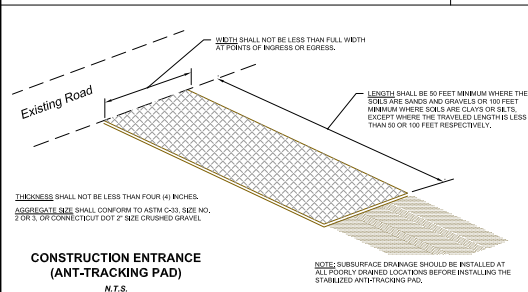
TYPICAL PLACEMENT OF FILTER FABRIC OR HAYBALES IN DRAINAGEWAY ON SLOPING ROADS OR DRAINAGEWAY

N.T.S.



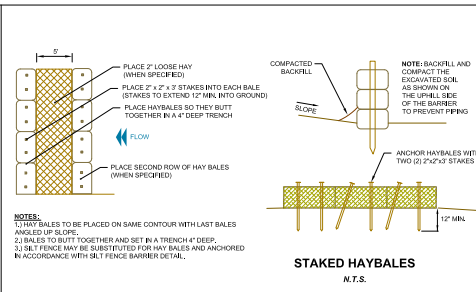
TYPICAL EROSION AND SEDIMENTATION CONTROL PLAN FOR INDIVIDUAL HOUSE CONSTRUCTION

N.T.S.



CONSTRUCTION ENTRANCE (ANT-TRACKING PAD)

N.T.S.



STACKED HAYBALES

N.T.S.

ARTHUR H. HOWLAND & ASSOCIATES, P.C.
 CIVIL ENGINEERS • LAND SURVEYORS
 SOIL SCIENTISTS • LAND PLANNERS
 145 WEST MAIN STREET, SUITE 200, HARTFORD, CONNECTICUT 06103
 TEL: 860.525.1111 FAX: 860.525.1112
 WWW.AHACONNECTICUT.COM

Proposed Sedimentation & Erosion Control Details
 for
Colln Farmer
 42 Barnes Road
 Town of Washington
 County of Fairfield
 State of Connecticut

DATE: **January 18, 2022**
 SCALE: **N.T.S.**
 SHEET: **SES.1**