II. EAST HADDAM INLAND WETLANDS AND WATERCOURSES COMMISSION APPLICATION FORM **Please fill out all pages**

DATE RECEIVED _____ **FEE RECEIVED** 135.00

NAME OF APPLICANT Jason DiMartino

HOME ADDRESS 251 E. Haddam Colchester Tpke **PHONE** 860-259-7568

BUSINESS ADDRESS _____ **PHONE** _____

RECORD OWNER See attached

HOME ADDRESS _____ **PHONE** _____

BUSINESS ADDRESS _____ **PHONE** _____

APPLICANT'S INTEREST IF NOT THE OWNER _____

PROPERTY LOCATION
E.H. Colchester Tpke

ASSESSOR'S MAP NO. 66 **LOT NO.** 287 **LOT SIZE** 0.94 Acres

THE PURPOSE AND A DESCRIPTION OF THE PROPOSED ACTIVITY
stair + boardwalk leading to proposed dock

ACREAGE OF WETLANDS AND WATERCOURSES PROPOSED TO BE ALTERED
0.006 **ACRES or** _____ **SQUARE FEET**

ACREAGE OF UPLAND REVIEW AREA PROPOSED TO BE ALTERED
0.002 **ACRES or** _____ **SQUARE FEET**

SOIL TYPE (S) 0.002 **ACRES or** _____ **SQUARE FEET** Gloucester gravelly sandy loam

LINEAL FEET OF STREAM ALTERATION PROPOSED 0 **FEET**

ACREAGE OF WETLANDS OR WATERCOURSES CREATED 0 **ACRES or** _____ **SQUARE FEET**

____Yes X No Is work proposed in or near (400 ft) of the vernal pool area? (If yes see and fill out forms in Appendices C&D)

✓ Are all erosion and sediment control measures clearly drawn on the map(s) and described in the narrative?

____Other 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 and create productive wetlands

____Alternatives considered and subsequently rejected by the applicant and why the alternative as set forth in the application was chosen; all such alternatives shall be diagramed on a site plan or drawing.

____ Site plans showing the existing condition and the proposed activity 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;

✓ A description of the proposed construction or the erection of structures on the affected property, including blueprints, engineering and architectural plans or designs, where available or reasonably attainable. Such descriptions shall include the purposes of such construction or activity.

✓ Names and mailing addresses of adjacent landowners within 100 feet of all property lines. Supply on a separate sheet.

✓ A completed DEP 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;

____ Any other information the Agency deems necessary to the understanding of what the applicant is proposing; and

____ Submission of the appropriate filing fee based on the fee schedule established in the Town of East Haddam Ordinance Book and listed in Appendix F of these regulations;

____ For subdivision and resubdivision applications, the applicant shall submit an application that includes all of the criteria for a complete Planning and Zoning application, including the mapping and narrative in the Four Step Process to create a Subdivision required in Section 3 of the East Haddam subdivision Regulations.

I, the undersigned, under penalties of false statement, hereby certify,

1) that the information supplied herein is accurate

2) that I am familiar with the Inland/Wetlands Regulations of the Town of East Haddam

3) that I will comply with said Inland/Wetlands Regulations in all respects

4) that any permit or approval granted to me is predicated upon this application and all documentation and testimony in support hereof, and that any error, omission, or misrepresentation may be grounds for subsequent rescission or modification of said permits or approval/and

5) I understand that the issuance of this permit shall not be considered to constitute compliance with any other regulation (s), ordinance (s) or law nor relieve the undersigned from the responsibility to obtain any permits hereunder.

Signature of Owner _____

Authorized Agent _____

Date 1-12-24

For Office Use Only:

Date that map (s) and fee are received _____

On-Site Inspection Date _____

Additional Notes _____

NO FEWER THAN TEN (10) COPIES OF PROPOSED PLANS SHALL BE SUBMITTED FOR REVIEW. (LESS MAY BE SUBMITTED IF APPROVAL BY THE INLAND WETLANDS AND WATERCOURSE COMMISSION ENFORCEMENT OFFICER)

n/A

Appendix C - Vernal Pool Inventory Worksheet - please supply one sheet per vernal pool

Applicant name _____

Property address _____

Approximate location of the vernal pool _____

Physical Characteristics

Size of Vernal Pool - Surface area measured from the perimeter of the high water line.

Greater than 2,500 ft² _____

1,000 – 2,500 ft² _____

Less than 1,000 ft² _____

Size of Upland Habitat - Amount of undisturbed forest adjacent to the pool or system. (Intact canopy and natural ground cover)

Greater than 30 acres _____

20 – 30 acres _____

15 – 20 acres _____

Less than 15 acres _____

Road Proximity - Distance to closest road.

Less than 500 feet _____

Greater than 500 feet _____

Greater than 1,000 feet _____

Closest Road Composition

Road is paved _____

Road has curbs _____

Connectivity to other Vernal Pools - Distance to next closest vernal pool.

Less than 500 feet to one other pool ____

Less than 1,000 feet to two or more pools _____

N/A

Biological Characteristics

Observation Obligate Vertebrate Vernal Pool Species	(Presence of) Eggs	Larvae	Adults
Spotted salamander *(Ambystoma maculatum)*	____	____	____
Jefferson salamander *(Ambystoma jeffersonianum)*	____	____	____
Marbled salamander *(Ambystoma opacum)*	____	____	____
Wood frog *(Rana sylvatica)*	____	____	____
Eastern Spadefoot Toad *(Scaphiopus h. holbrookii)*	____	____	____
Invertebrate Vernal Pool Species			
Fairy Shrimp *(Anostraca sp.)*	____	____	____

Briefly describe all of the methods used to survey the vernal pool:

List date(s) of field visit(s):

Name: _____

Signature: _____

Date: _____

n/A

Appendix D - Vernal Pool Impact Worksheet

(please supply one per vernal pool)

Applicant name: _____

Property address: _____

Approximate location of vernal pool: _____

1. Does the proposed plan involve disturbance within 100 ft of a vernal pool? _____

   a) If so, what is/are the type(s) of disturbance(s) proposed within this area?

2. Does the proposed plan involve disturbance within 400 ft of a vernal pool? _____

   a) If so, what is/are the type(s) of disturbance(s) proposed within this area?

3. Review areas versus proposed disturbed areas.

   a) What is the area, calculated in square feet, measured from the edge of the pool extending one hundred (100) feet from the edge of the pool?
   _____ sq. ft.

   What is the area that is proposed to be disturbed within the above measured area?_____ sq. ft.

   b) What is the area, calculated in square feet, measured from one hundred (100) feet from the edge of the pool to four hundred (400) feet from the edge of the pool?_____ sq. ft.

   What is the area that is proposed to be disturbed within the above measured area? _____ sq. ft.

4. Does the proposed plan involve new road construction within 400 ft. of a vernal Pool?_____

   a) If so, will the new road(s) be paved? _____

   b) Will the new road(s) be curbed? _____

   c) What is the estimated daily traffic volume from 6 p.m. to 12 a.m.? ___cars/hr

5. Does the proposed plan involve the installation of erosion and sedimentation control

n/A

measures within 400 ft of a vernal pool? _____

6. Will the proposed project result in an **increase** or **decrease** in the surface or subsurface water flow to the vernal pool? _____

a) If so, by how much per 10 year storm event? _____cu ft/sec

Name: _____

Signature: _____

Date: _____

I.W.W.C.APPLICATION WORK SHEET - OFFICE USE ONLY

Applicant's Name _____

Proposed Activity _____

Location: _____ M_____ L____

Land Surveyor/Engineer: _____

Attorney: _____

Date of receipt _____ Complete Application _____

Decision w/in 65 days _____

If P.H. is held/to be w/in 65 days of receipt _____

Legal notice in papers _____

Notice to interested parties and abutting properties _____

P.H. to be completed w/in 35 days _____

Decision w/in 35 days _____

Extensions (can only total 65 days) _____

Decisions published 15 days _____

Applicant notified by certified mail 15 days _____

Inland Water Resources Division
Department of Environmental Protection
79 Elm Street, 3rd Floor
Hartford, CT 06106-5127
www.ct.gov/dep

GIS CODE #: _____
For DEP Use Only

Statewide Inland Wetlands & Watercourses Activity Reporting Form

*Complete, print, **sign**, and mail this form in accordance with the instructions on pages 2 and 3.*

PART I: To Be Completed By The Municipal Inland Wetlands Agency *Only*

1. DATE ACTION WAS TAKEN (use drop-down box): Year Month
2. ACTION TAKEN (use drop-down box):
3. WAS A PUBLIC HEARING HELD? (select one only) ☐ Yes ☐ No
4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:

   (print): (signature) _____

PART II: To Be Completed By The Municipal Inland Wetlands Agency Or The Applicant

5. TOWN IN WHICH THE ACTION IS OCCURRING: East Haddam

   Does this project cross municipal boundaries? (select one only) ☐ Yes ☒ No

   If Yes, list the other town(s) in which the action is occurring:

6. LOCATION: USGS Quad Map Name (see hyperlink):

   Quad Number (see hyperlink): 69

   Subregional Drainage Basin Number (see hyperlink): 4710

7. NAME OF APPLICANT, VIOLATOR OR PETITIONER: Jason DiMartino

8. NAME & ADDRESS/LOCATION OF PROJECT SITE:

   Jason DiMartino
   E.H. Colchester Tpke
   East Haddam, Ct. 06423

   Tax Map 66 Lot 287

   Briefly describe the action/project/activity: ☐ Temporary ☐ Permanent

9. ACTIVITY *PURPOSE* CODE (Use drop-down box): A
10. ACTIVITY *TYPE* CODE(S) (Use drop-down box) , , ,
11. WETLAND / WATERCOURSE AREA ALTERED [must be provided in acres or linear feet as indicated]:

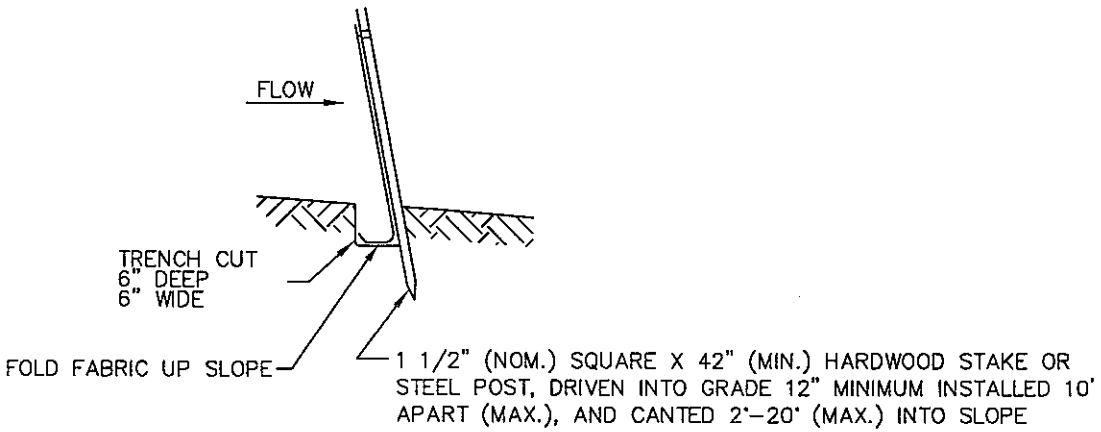
    Wetlands: 0.003 acres Open Water Body: 0.003 acres Stream: linear feet

    (0.006 total)
12. UPLAND REVIEW AREA ALTERED [must be provided in acres]: 0.002 acres
13. AREA OF WETLANDS AND / OR WATERCOURSES RESTORED, ENHANCED OR CREATED: 0 acres
    [must be provided in acres]

PART III: To Be Completed By The DEP

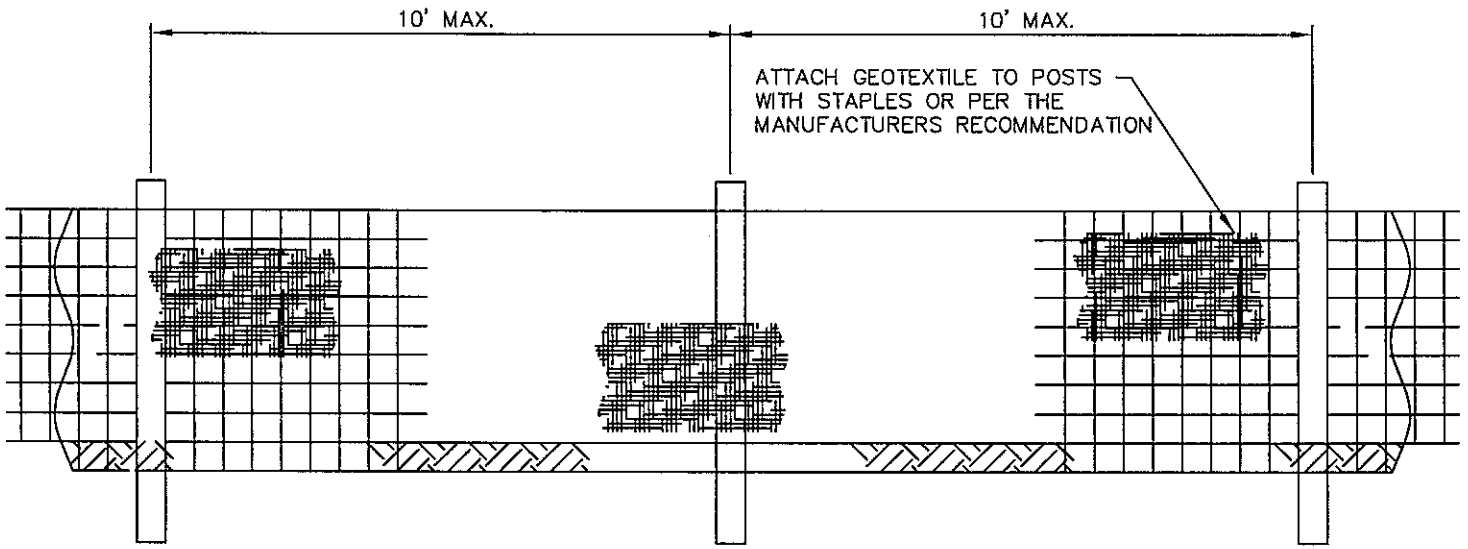
DATE RECEIVED: DATE RETURNED TO DEP:

FORM COMPLETED: ☐ YES ☐ NO FORM CORRECTED / COMPLETED: ☐ YES ☐ NO



NOTES:
1. SEDIMENT CONTROL FABRIC TO BE A GEOTEXTILE MATERIAL TREATED TO RESIST DEGRADATION FROM EXPOSURE TO SUNLIGHT.
2. FOR EACH SPECIFIC USE, ONLY GEOTEXTILES ON THE CONNECTICUT DEPARTMENT OF TRANSPORTATION APPROVED LIST ARE TO BE USED.
3. AFTER FOLDING FABRIC EDGE, BACKFILL TRENCH WITH ORIGINAL SOIL AND BUTTRESS THE SPLAY WITH MULCH OR LEAF LITTER.

SECTION

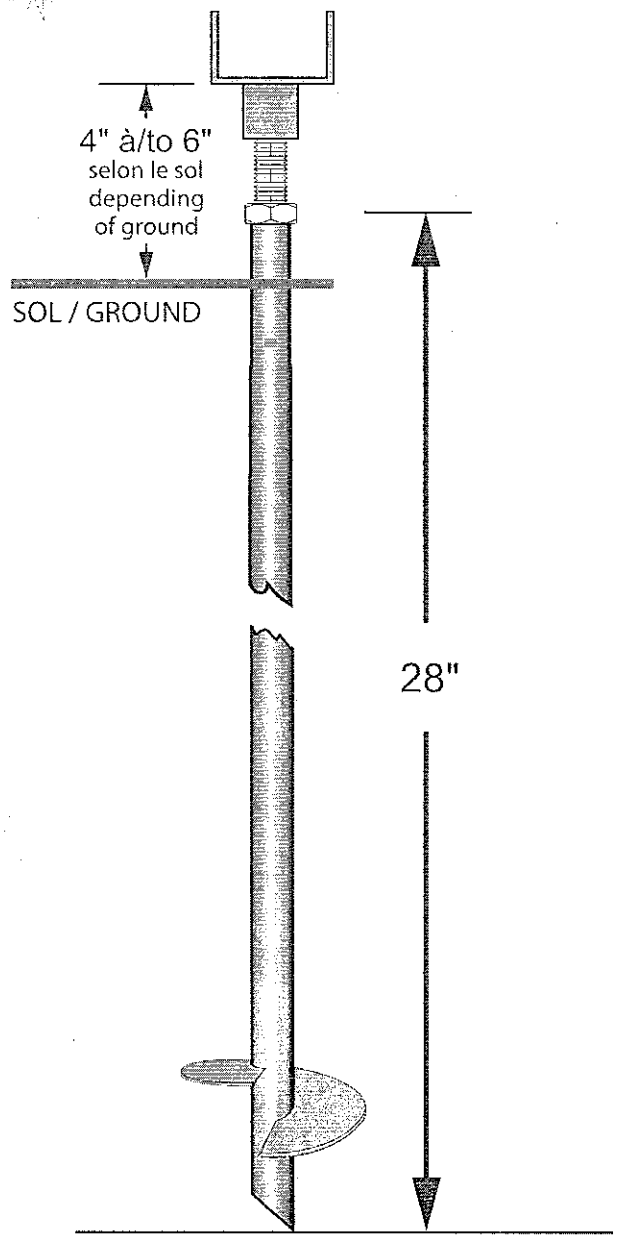


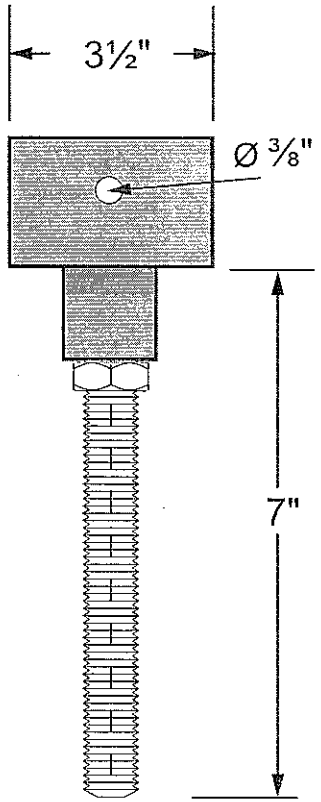
ELEVATION

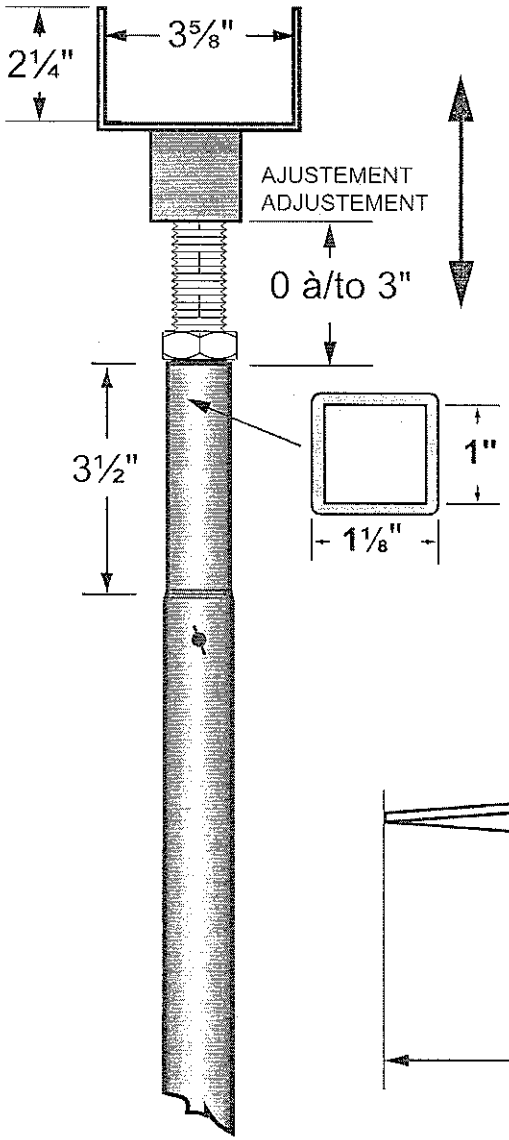
SILT FENCE

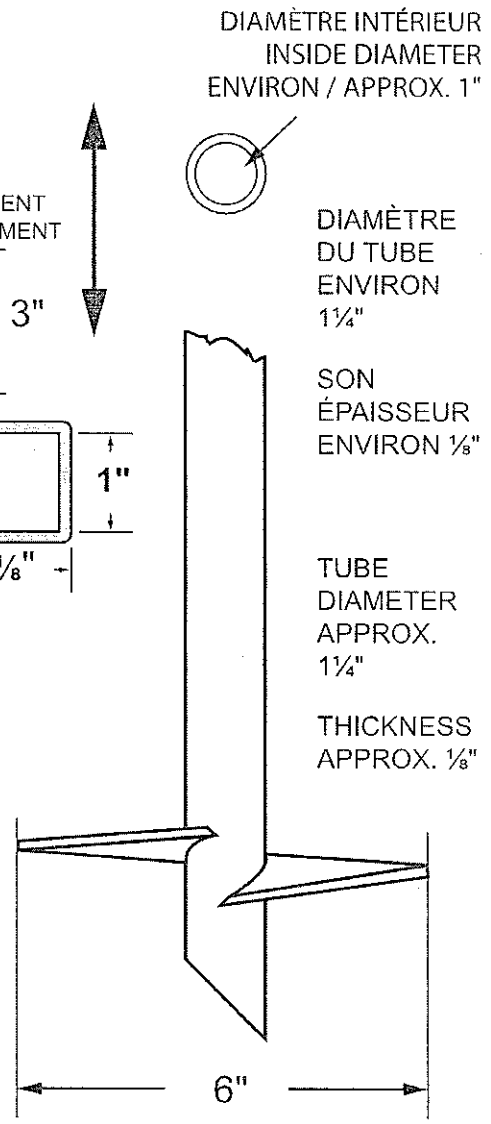
NOT TO SCALE

ITEM # 10565 – Black adjustable PYLEX 32" ajustable noir

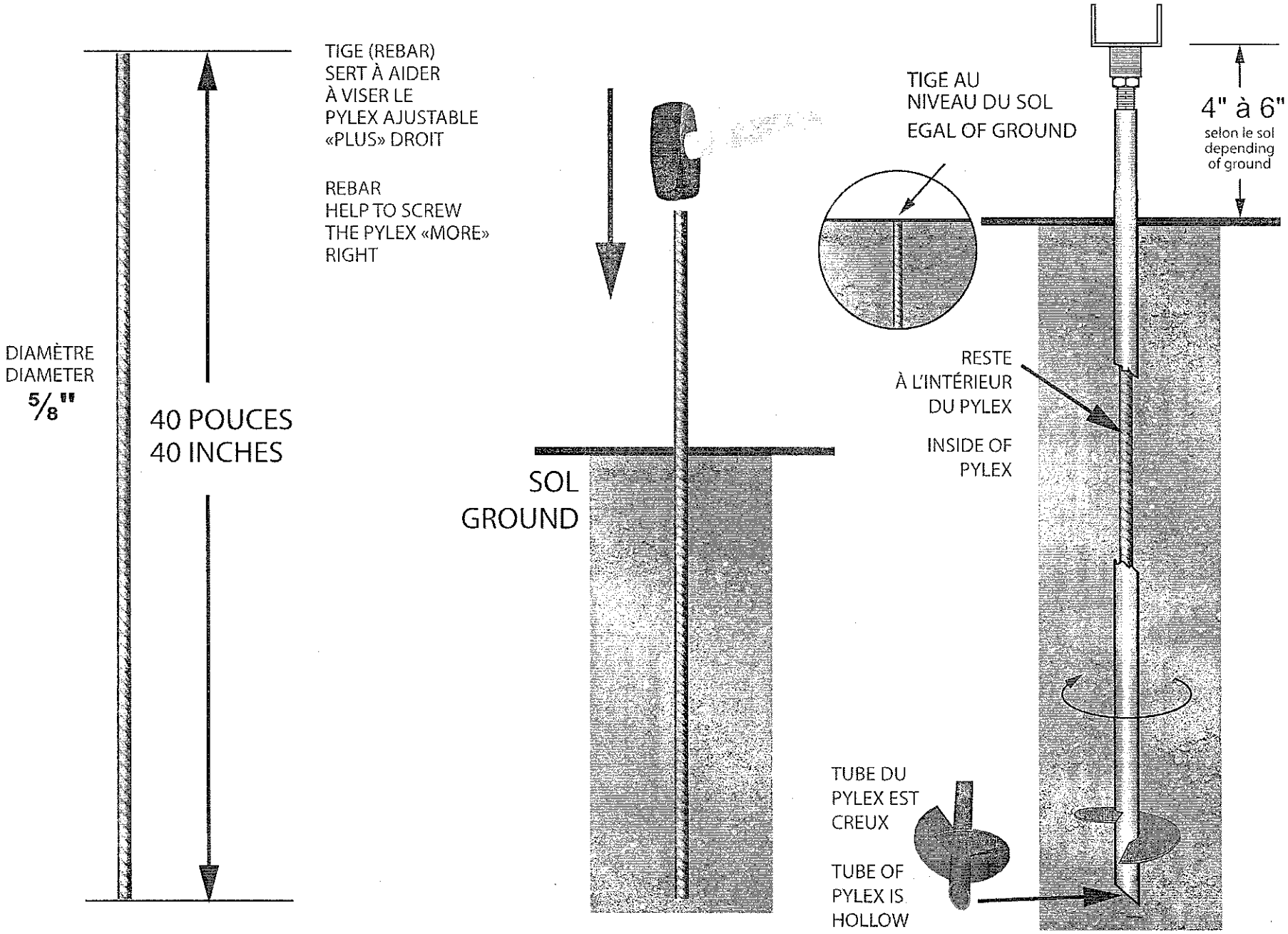








PYLEX + BARRE D'ARMATURE/ REBAR



INFILTRATION STEPS

~retrofitting steps to control erosion on paths~

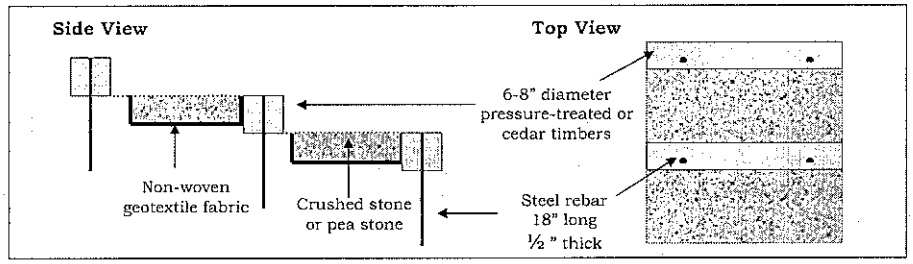


Purpose: Infiltration steps use crushed stone to slow down and infiltrate runoff. They are effective on moderate slopes, but consider building wooden stairways on 1:1 slopes (45°) or areas where rocks or surface roots make it difficult to set infiltration steps into the ground.

Note: Prior to installation, contact the Maine DEP and town Code Enforcement Officer to find out if permits are required.

Installation: Infiltration steps are steps built with timbers and backfilled with crushed stone or pea stone to help water soak into the ground. See separate factsheet for new infiltration step construction. Many existing timber steps can be retrofitted to create infiltration steps by making the following changes:

1. Remove several inches of soil from behind each step. Dispose of excavated soil in a place where it will not wash into the lake or other resource.
2. Line the bottom and sides of the excavated area with non-woven geotextile fabric. This felt-like fabric allows water to infiltrate but will separate the stone from the underlying soil.
3. Backfill the hole with washed ¾" crushed stone or pea stone so that the tread is level or it just slightly slopes up to meet the above step. Pea stone is comfortable on bare feet but also usually more expensive. Paving stones can also be set into crushed stone to provide a smooth surface for bare feet - as long as ample crushed stone is exposed to allow infiltration.
4. If the timbers are not firmly secured, drill ½" diameter holes, 6" from the ends of each timber. Drive ½" diameter, 18" long steel rebar through the holes with a sledge hammer. For gentle slopes, wooden stakes or large rocks can also secure the timbers.



Materials: Crushed stone and pea stone can be purchased from gravel pits. Contact your local Soil and Water Conservation District for suppliers of non-woven geotextile fabric. Other geotextiles, including landscaping weed barrier, can be substituted for smaller projects. Pressure treated timbers, cedar landscape timbers and steel rebar can be purchased from lumber and hardware stores. Some stores will cut rebar to the specified length for a small fee. Otherwise, rebar can be cut with a hack saw.

Maintenance: Replace rotten timbers. If the crushed stone or pea stone becomes filled up with sediment over time, remove, clean out sediment and replace.