

APPLICATION FOR DETERMINATION OF PERMITTED/NON-REGULATED ACTIVITY

1. SITE LOCATION (Street) and Description: Latimer Drive, Cavasin Drive & Joval Street

Assessor's Map _____ Lot # All Within Road Right of Way

Note: It is the applicant's responsibility to provide the correct site address, map/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 and watercourses to be disturbed, soil type(s), and wetland vegetation.

2. APPLICANT: Dan Mullins, Executive Director, Eastern CT Conservation District

Address: 238 West Town Street Phone: 860 617 8287
Norwich, CT 06360 Fax:
Business: Cell: 860 617 8287
Email: dan.mullins@comcast.net

Applicant's interest in the land: Public Right of Way. Work being done in conjunction with the Town of East Lyme.

**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.

3. OWNER: Town of East Lyme c/o Alex Klose Town Engineer

Address: 108 Pennsylvania Avenue Phone: 860 691 4112
Niantic, CT 06357 Fax:
Email: aklose@eltownhall.com Cell:

**As the legal owner of the property listed on this application, I hereby consent to the proposed activities. And 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.

Owners Printed Name: Alexander T. Klose
Owners Signature: [Signature] Date: 4/25/2022

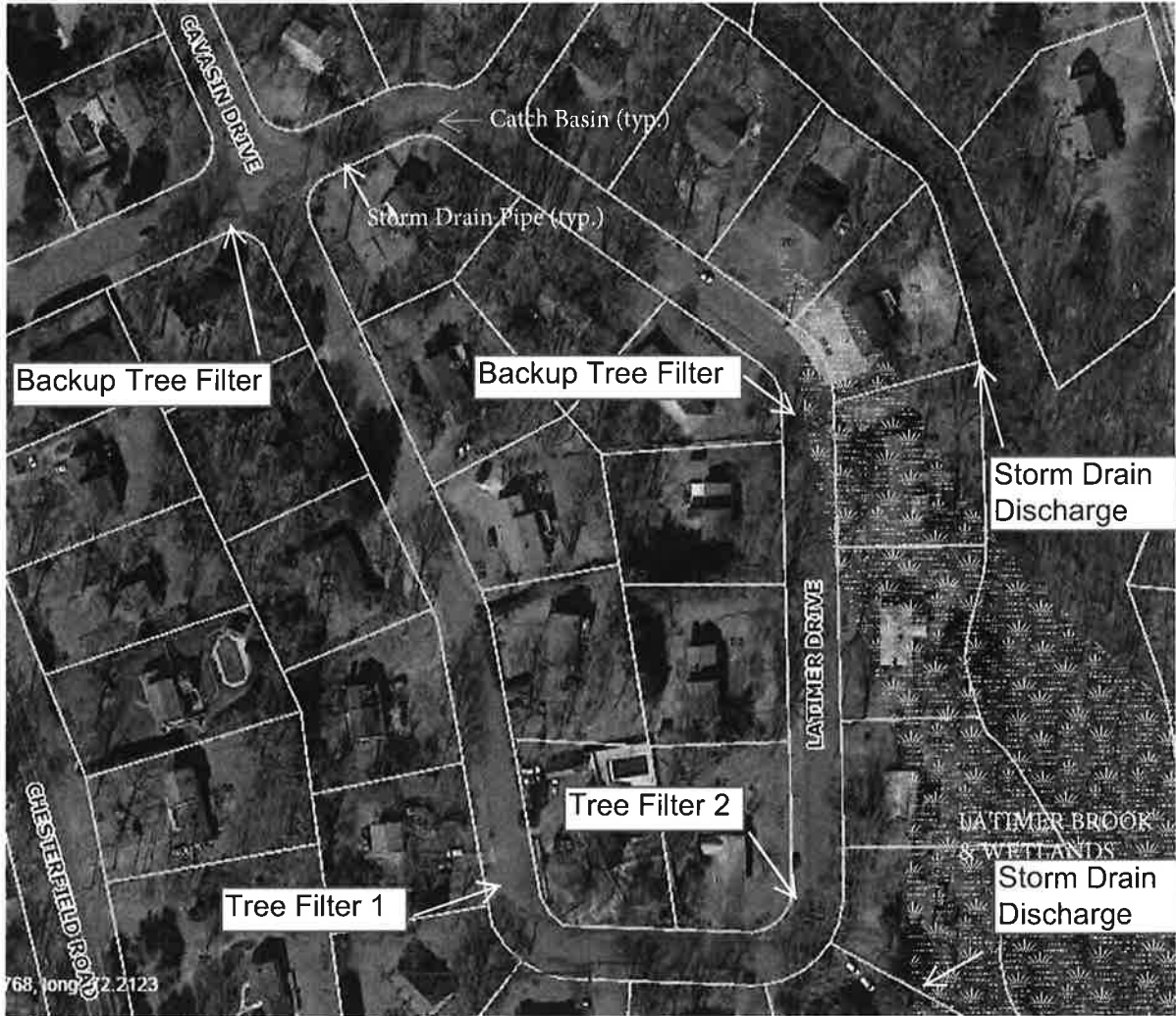
4. Person Responsible for Compliance: Dan Mullins
 Address: Same as above.
 Phone Number: _____ Email: _____
5. Describe the Activity and Purpose: Install four tree filters; three alternative locations included as backup in case of potential utility conflicts.
Tree filters collect urban runoff and treat/reduce the runoff via soil infiltration. A tree or grass is installed within the tree filter.
6. Describe mitigation measures such as erosion controls, added wetlands plantings, infiltration and run off: _____
Filter fabric will be installed below the grate of the nearest down gradient catch basin. The disturbed area for each tree will be approximately 8 x 10 feet. The disturbed area around the tree filter will be applied with topsoil and seeded/mulched.
7. Is the property within 500 ft of an adjoining town? Yes No X
8. Inland Wetland/Watercourse Information:
 Area of wetland to be disturbed 0 sq. ft.
 Area of watercourse to be disturbed 0 sq. ft.
 Upland Review Area to be disturbed 60 sf per filter sq. ft. (area within 300' of wetland)
Filter 2- 150' to wetland, Latimer Dr Backup -130' to wetland, Filters 3 & 4- 160' to wetland (distances are approximate)
 Will fill be needed on site? Yes No X Stone will be placed below the tree filter installation.
 If Yes, how much fill is needed? 0 cubic yards
 Will material be removed from site? Yes X No
 If Yes, how much will be removed? _____ cubic yards
Approximately 9 cubic yards per filter installation.
 The property contains (circle one or more) WATERCOURSE WATERBODY WOODED-WETLAND SWAMP
 Name of Soil Scientist and date of survey Not applicable.
9. Site Plan Title, Date, Engineer/Surveyor Name: _____

The undersigned owner hereby consents to necessary and proper inspections of the above mentioned property by the Commission or agent of the Commission, at reasonable times both before and after a final decision has been issued by the Commission. The undersigned also swears that the information supplied is accurate to the best of his/ her knowledge and belief.

 Signature of Owner (s)

4/25/2022
 Date

LATIMER DRIVE TREE FILTERS



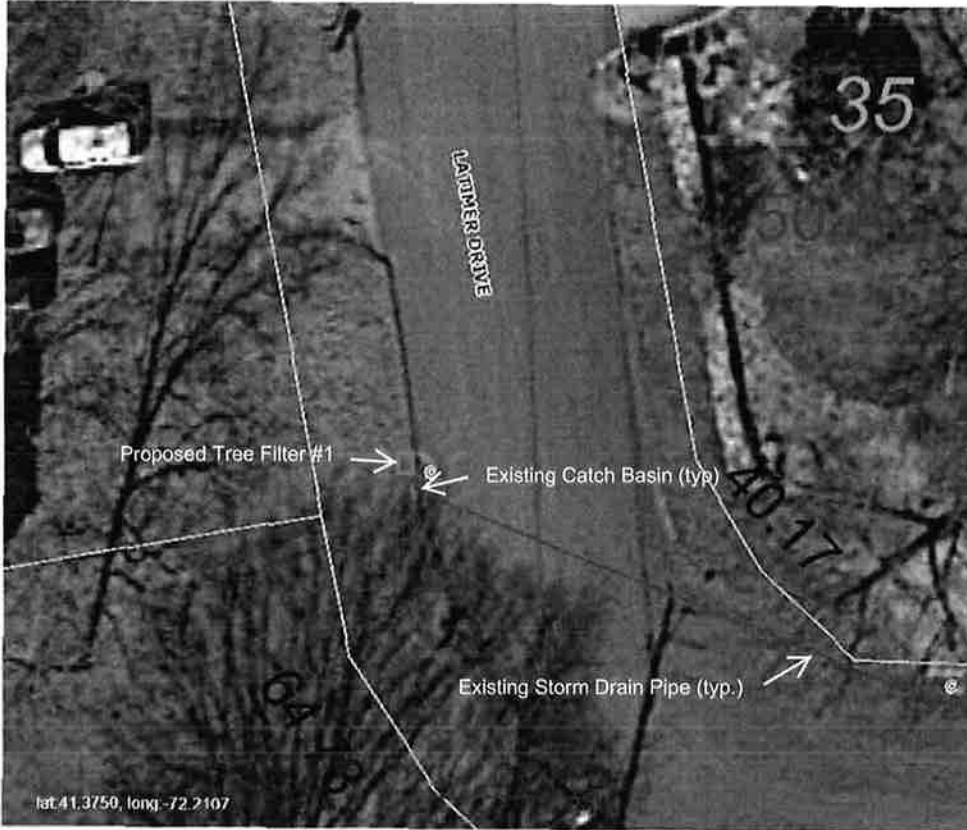
CAVASIN DRIVE TREE FILTERS



JOVAL DRIVE TREE FILTER



TREE FILTER #1



Maps from East Lyme, CT GIS

Annotations by Eastern CT Conservation District

Not all utilities shown. Not to scale.



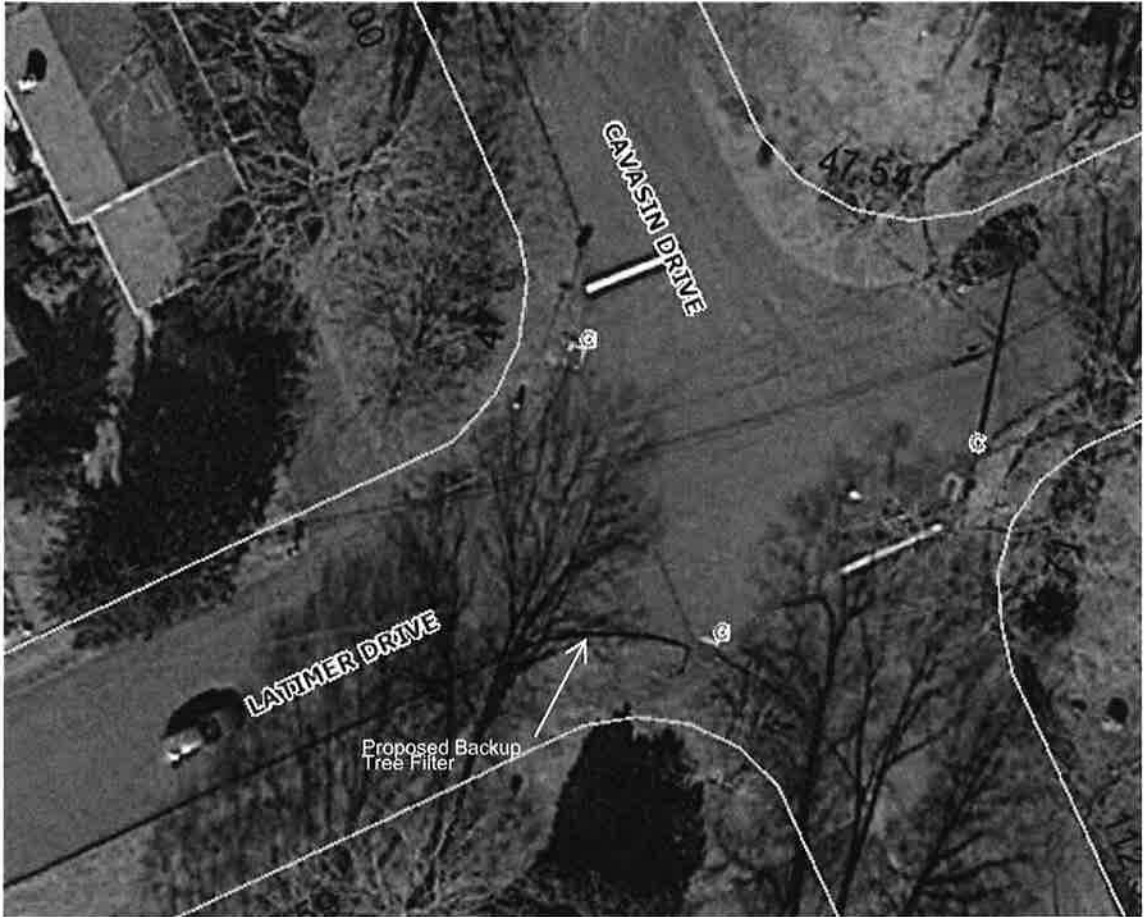
Tree Filter #2



Backup Location



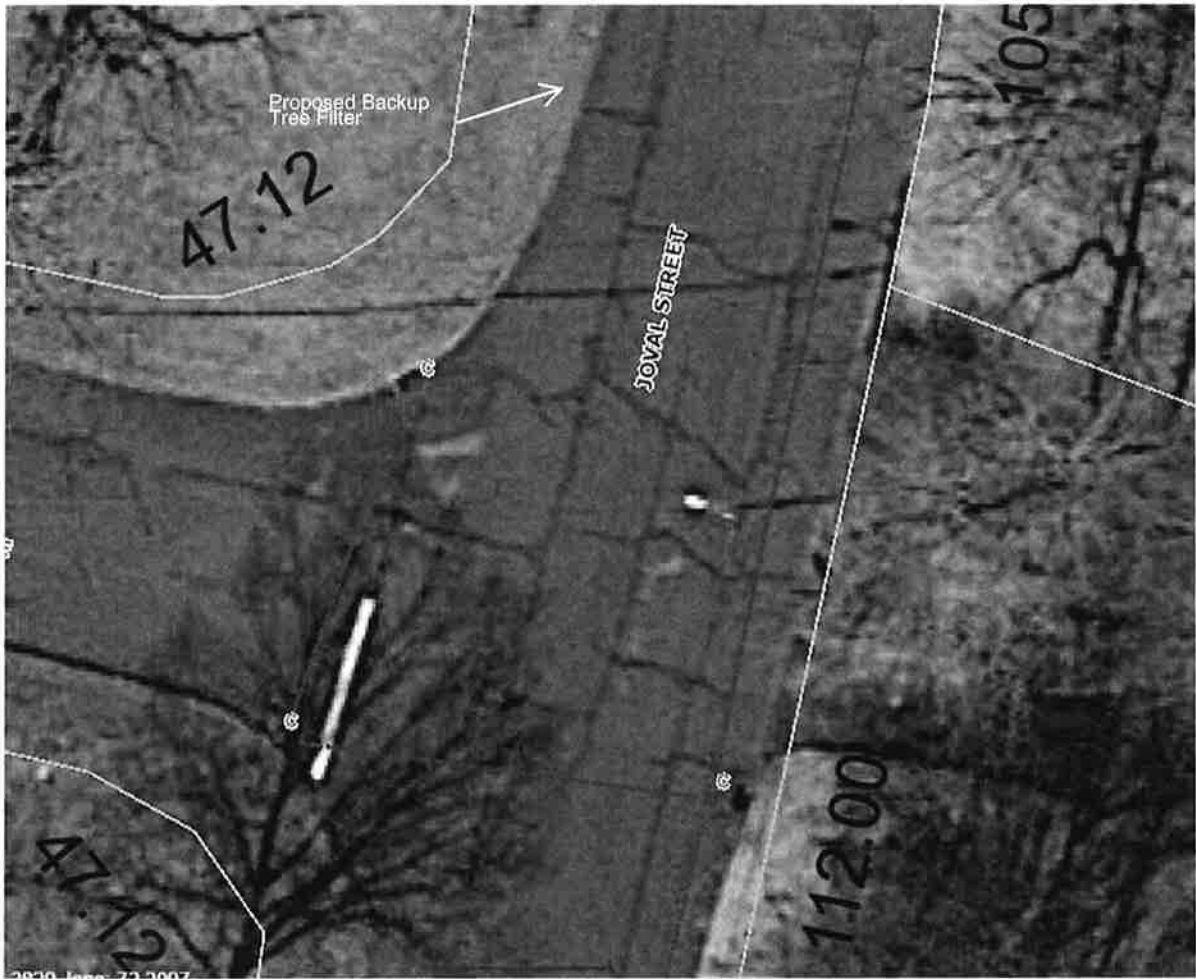
Backup Location



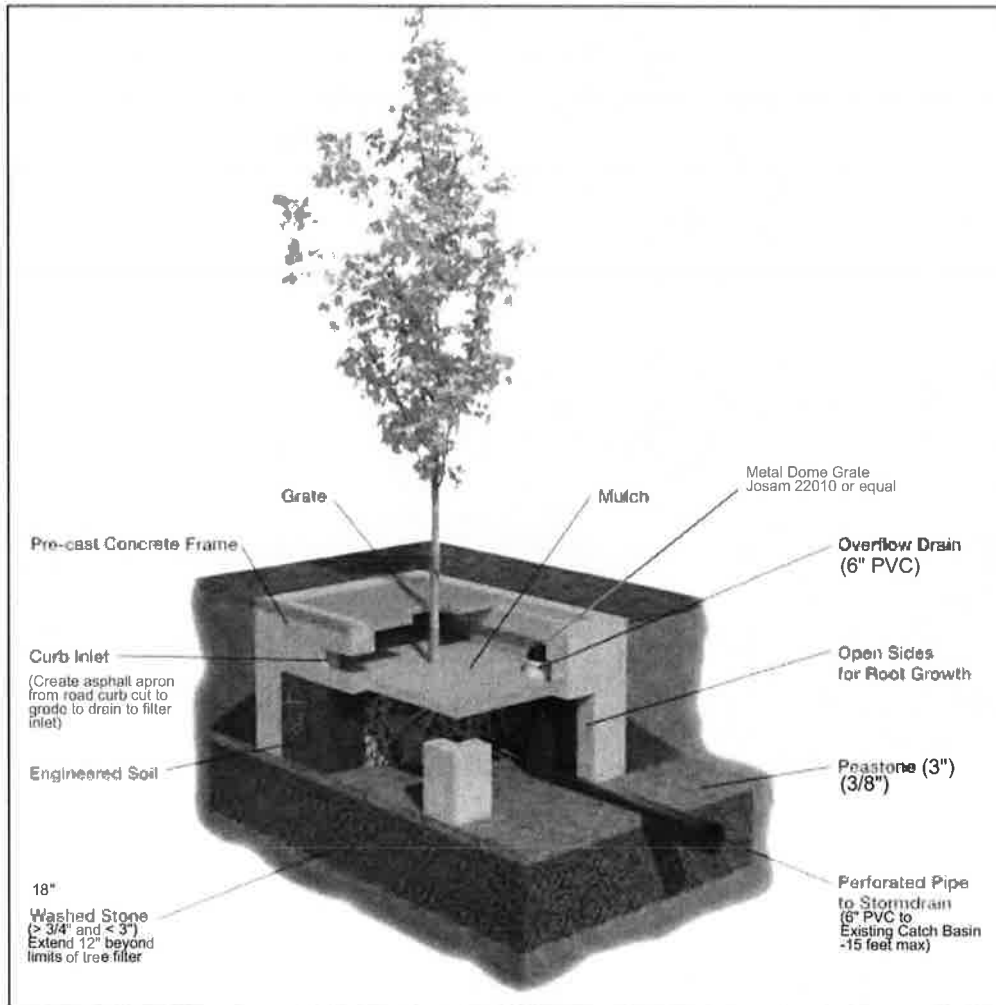
Tree Filter # 3 & #4



Backup Location



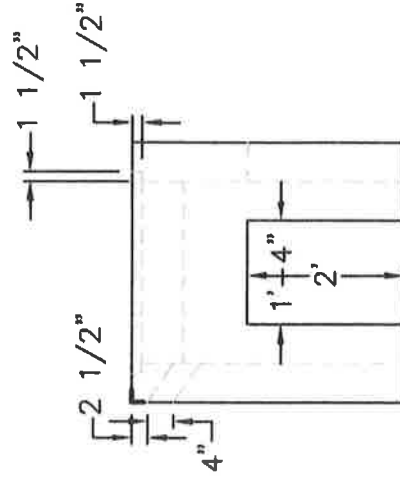
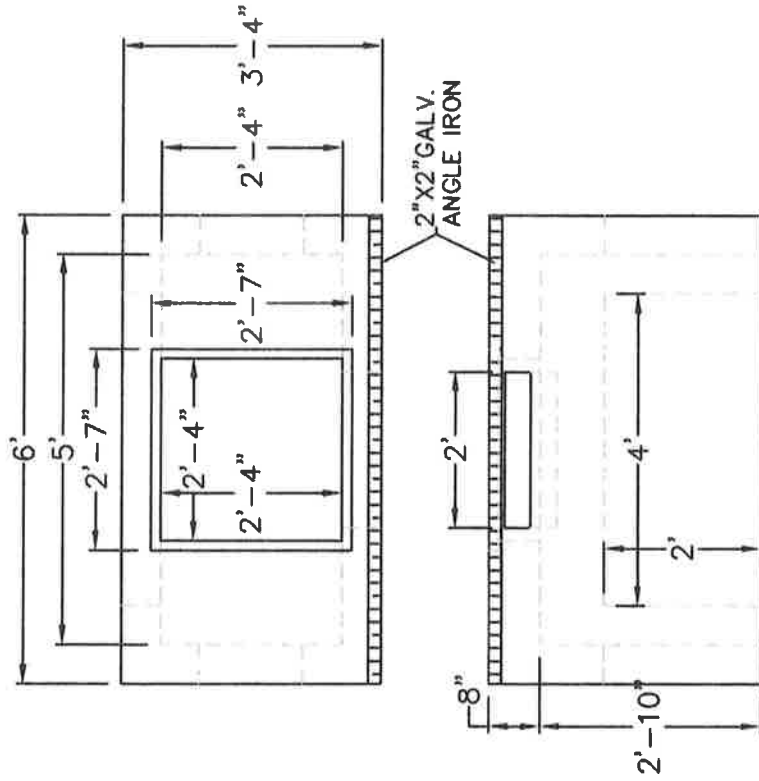
TREE FILTER DETAIL



Not to scale

TREE FILTER SHOP DRAWING

- DESIGN NOTES:
1. CONCRETE 5,000 PSI @ 28 DAYS
 2. REINFORCEMENT ASTM A-615 GRADE 60, 1" MIN. COVER
 3. OPENINGS AS SHOWN
 4. DESIGNED FOR H-20 LOADING
 5. QUALITY FINISH ON TOP AND CURB FACE
 6. HIGH QUALITY GALV. ANGLE IRON



MAKE-4

SCITUATE RAY PRECAST
 120 CLAY PIT ROAD
 MARSHFIELD, MA 02050
 PHONE # 1-800-440-0009
 FAX # 781-837-4320

SCITUATE
 COMPANIES

CONTRACTOR: GREEN STREET SYSTEMS	JOB NAME: EAST LYME, CT
DATE:01/12/2015	DRAWING BY: C. J. SCOTT

