

Town of Washington Inland Wetlands Commission

PERMIT APPLICATION

Applicant's Name: GORDON EDELSTEIN/AMANDA SALES Date: MAY 13 2021

Activity Address: 274 NETTLETON HOLLOW ROAD, WASHINGTON, CT.

APPLICATION FOR:

- Regulated activity: _____
- 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: 6-7-2021 Received By: S White Scanned
Application #: 1W-21-36 IWC Date of Receipt: 6-9-2021
Fee Paid: 120 Cash Check# _____ Check date: 6-6-21 By: Earth Tones LLC
Date (14 Days from Receipt): 6-23-2021 65 Days from Receipt: 8-13-21
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- Application Withdrawn Date: _____ Comment: _____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

ASALLES 1/15/20
312.211.COM

SECTION I: CONTACT INFORMATION

- 1) Name of Owner: GORDON EDELSTEIN / AMANDA SALLES
- 2) Mailing Address: 274 NETTLETON HOLLOW RD
City WASHINGTON, State: CT Zip: _____
- 3) Telephone Home: () _____ Cell: () _____
- 4) Email: EDELSTEINGORDON@GMAIL.COM & A
- 5) Authorized Agent (attach mandatory written authorization): EARTH TONES, LLC
- 6) Agent Address: 212 GRASSY HILL RD, WOODBURY, CT 06798.
- 7) Agent's Home Telephone: () _____ Business: () 203 263.6626
- 8) Agent's Email: EARTHTONES@CHARTER.NET cell 203 509 3812
- 9) Name, Address, Title and Phone Number of any Professional(s) or Contractor(s) to be involved in the project:
EARTH TONES, LLC (SEE ABOVE)

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

SECTION II: PROPERTY INFORMATION

- 1) Address of Property: 274 NETTLETON HOLLOW RD, WASHINGTON.
- 2) Assessor's Map, Lot Number(s): 01-09-07
- 3) Total Acreage: 3.7
- 4) Located in a Historic District? Yes No
- 5) Applicant's Interest in Property (circle one): Owner Developer Option Holder
Other (describe): _____

SECTION III: PROJECT/ACTIVITY INFORMATION

- 1) Project/Activity Name (e.g. pond dredging, etc.): LANDSCAPING, SHIFTING 30 FT OF STREAM, RETAIN & TERRACE HILLSIDE BELOW GARAGE
- 2) If the activity involves the installation or repair of a septic system(s): NA AND ABOVE STREAM.
Has the Health Official approved the plan? Yes No
- 3) Total Wetland Acres: .32 ACRES. Disturbed Wetland Acres: .01
- 4) Total Review Acres*: .32 AC Disturbed Review Acres: .01
* 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: 290 FT Linear Feet of Watercourse disturbed: 40FT DISTURBED 30 FT RESTORE 10 FT PIPED.
- 6) Square feet of proposed impervious surfaces (roads, buildings, parking, etc.): 175 SF
- 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): _____

SEE ATTACHED SHEET.

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) EXTEND EXISTING ROAD PIPE 10 FT.

2) Amount, type, and location of materials to be removed, deposited or stockpiled: ROCK, 60 YRDS, MOVE -- 30 FT OF STREAM 10 FT AWAY FROM GARAGE TO PREVENT UNDERMINING & COLLAPSE OF GARAGE

3) Description of proposed project, construction work sequence, machinery to be used, & duration of activities: _____

SEE ATTACHED SHEET.

4) Describe alternatives considered and why the proposal described herein was chosen: _____

ALTERNATIVE - NONE

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.



Print Name of Property Owner



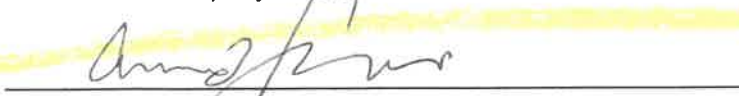
Signature of Property Owner (live ink)

Date

5/13/21



Print Name of Property Owner



Signature of Property Owner (live ink)

Date

5/13/21

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*****

WOLFF ENGINEERING

Civil Engineers

Cornerstone Professional Park, Suite C101

39 Sherman Hill Road

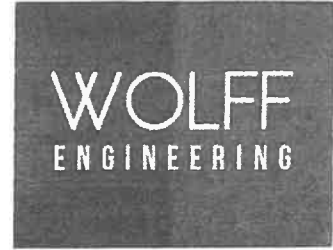
Woodbury, CT 06798

Tel: 203.263.7447

Fax: 203.263.0060

Email: ron@wolffengineering.com

Web: www.wolffengineering.com



June 21, 2021

To: Lisa Turoczi
Earth Tones Native Plant Nursery and Landscapes
212 Grassy Hill Road
Woodbury, CT 06798

Re.: Proposed Planting Plan
274 Nettleton Hollow Road
Washington, CT

Dear Mrs. Turoczi,

At your request I have reviewed the materials prepared by your office and performed a field review of the site on June 19, 2021. It is my understanding that the Inland Wetland Commission questioned if placement of boulders over the existing concrete blocks on the slope between the garage and relocated stream would have an adverse impact on the existing garage.

Relocating the stream to the north will allow for a flatter slope between the south edge of the stream and the north garage foundation wall, and prevent possible future undermining of the north garage wall. Placement of boulders over the concrete blocks will reinforce the existing slope and prevent future erosion into the stream from the aging concrete blocks. The voids between the boulders should be filled with 3/8"-1/2" crushed stone, and then top soiled and planted. It is the opinion of this office that armoring the existing concrete blocks on the slope with boulders will not have an adverse effect on the garage.

If you have any questions or require additional information please email me or call me at tel. 203.263.7447.

Sincerely,

WOLFF ENGINEERING

A handwritten signature in cursive script that reads "Ronald Wolff".

Ronald Wolff, P.E.

2017 Kubota KX 040-4 Excavator

The KX 040-4 Operating Weight 10,050 lbs, Engine 49HP, Ground Contact Pressure 5.02 psi, Overall Width 5'10" Overall Length 16'8"



2020 Kubota L 6060 Tractor Loader/backhoe

L6060 62HP weight: 4365lbs Wheel base 92.5"



2009 Yanmar SV-100 Excavator with operator

The SV100 has been developed to satisfy the needs of ultra-tight turning. The turning radius in both front and rear is so small that the boom bracket stays entirely within the tracks. This smooth tight turning radius adds versatility on tight work sites!

Operating Weight (Cabin)	20,950 lbs	Engine HP (net)	73.5hp
Ground Contact Pressure (Cabin)	5.44 psi	Overall Width	7'7"
Max. Digging Depth w/ Blade	16'1"	Overall Length	21'1"
Lifting Capacity (Ground level at 9'10")	9,415 lbs	Max. Digging Reach	24'

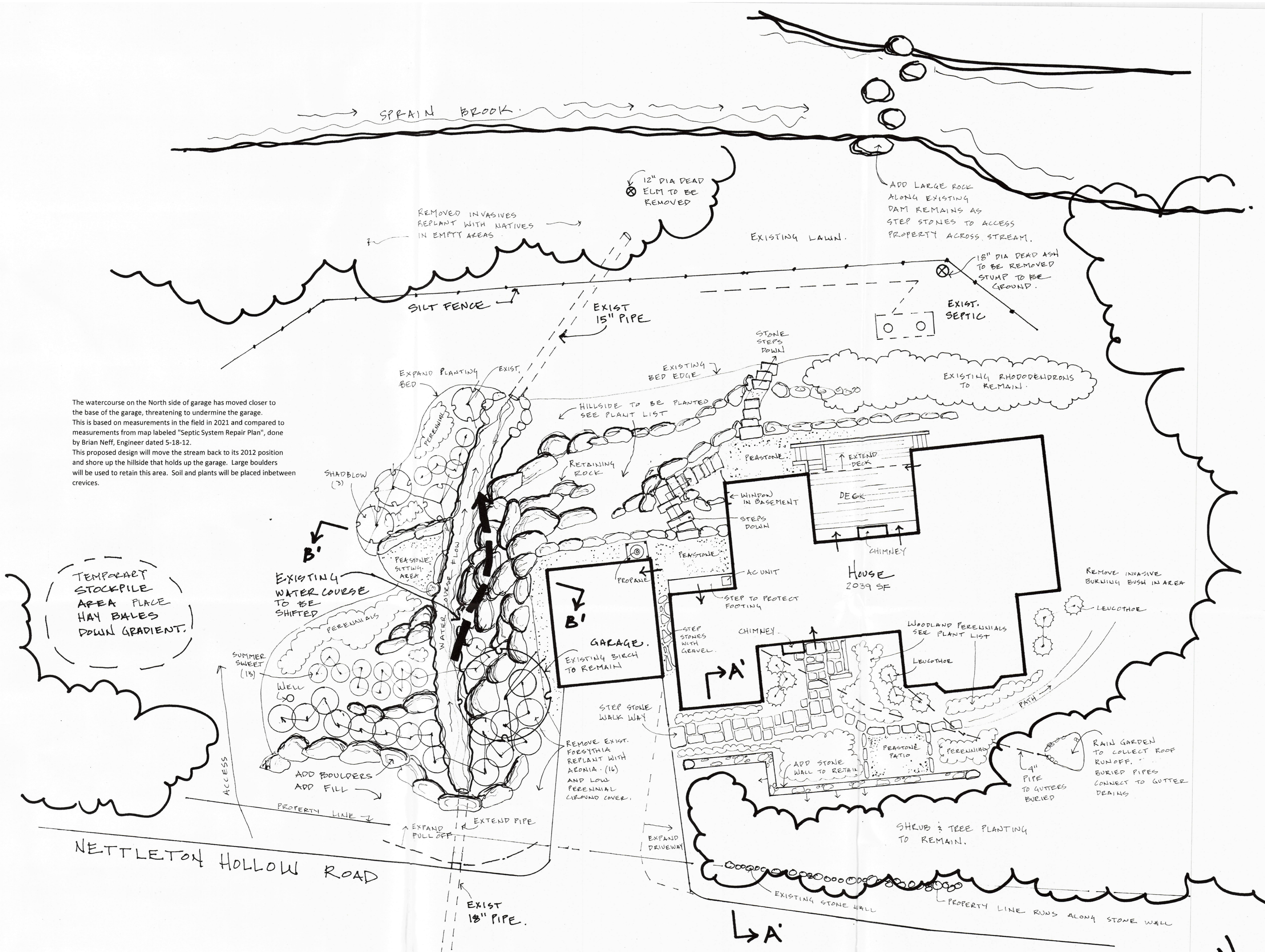


2003 CAT 277B Multi terrain Loader

The unique rubber track undercarriage and suspension provide exceptional flotation, traction and stability with minimal pressure on the ground.



Ground Pressure	3.1 psi	Operating Weight	9411 lb
Net Power	78 hp		
Length w/Bucket on Ground	145 in	Vehicle Width	75 in



The watercourse on the North side of garage has moved closer to the base of the garage, threatening to undermine the garage. This is based on measurements in the field in 2021 and compared to measurements from map labeled "Septic System Repair Plan", done by Brian Neff, Engineer dated 5-18-12. This proposed design will move the stream back to its 2012 position and shore up the hillside that holds up the garage. Large boulders will be used to retain this area. Soil and plants will be placed inbetween crevices.

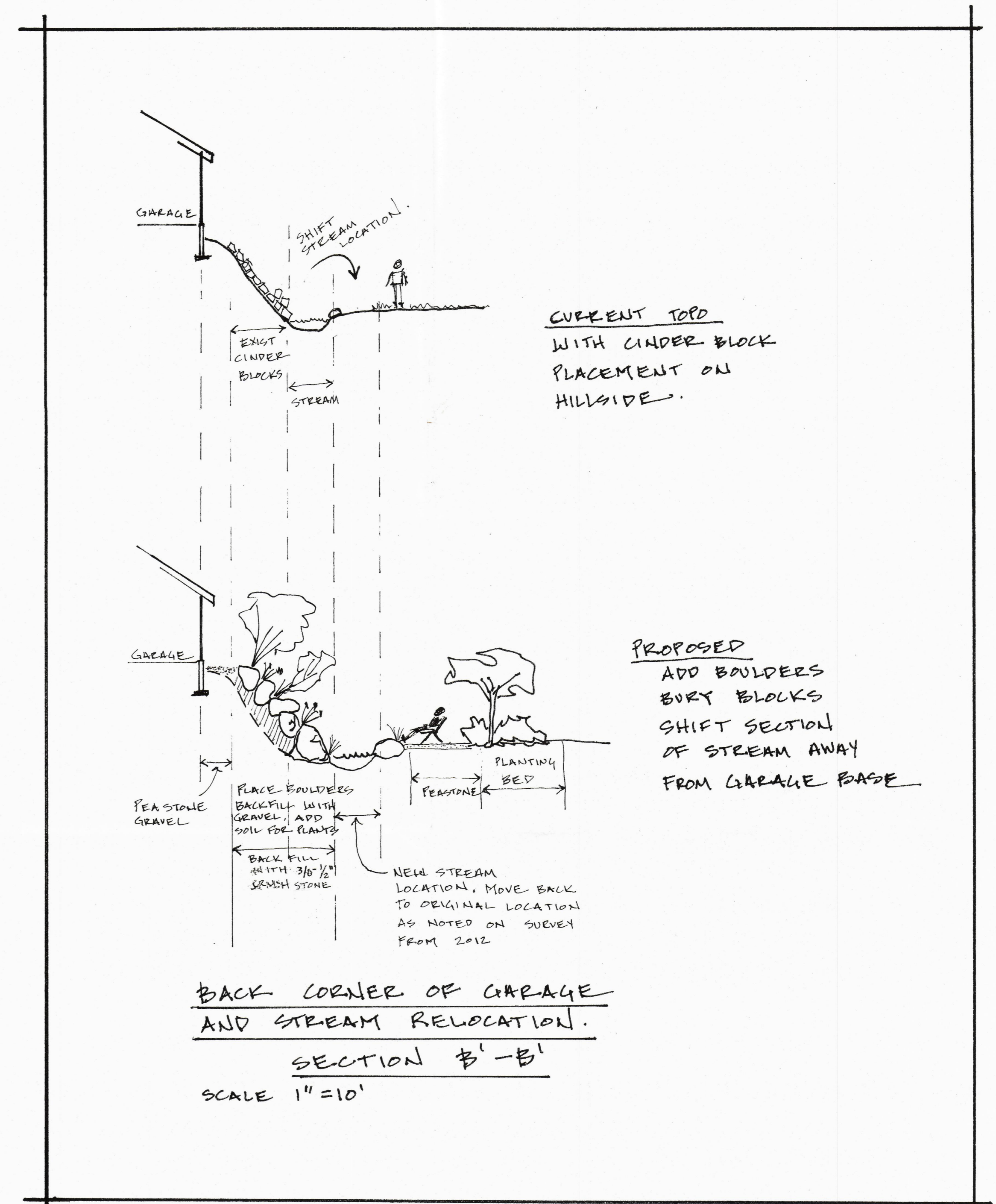
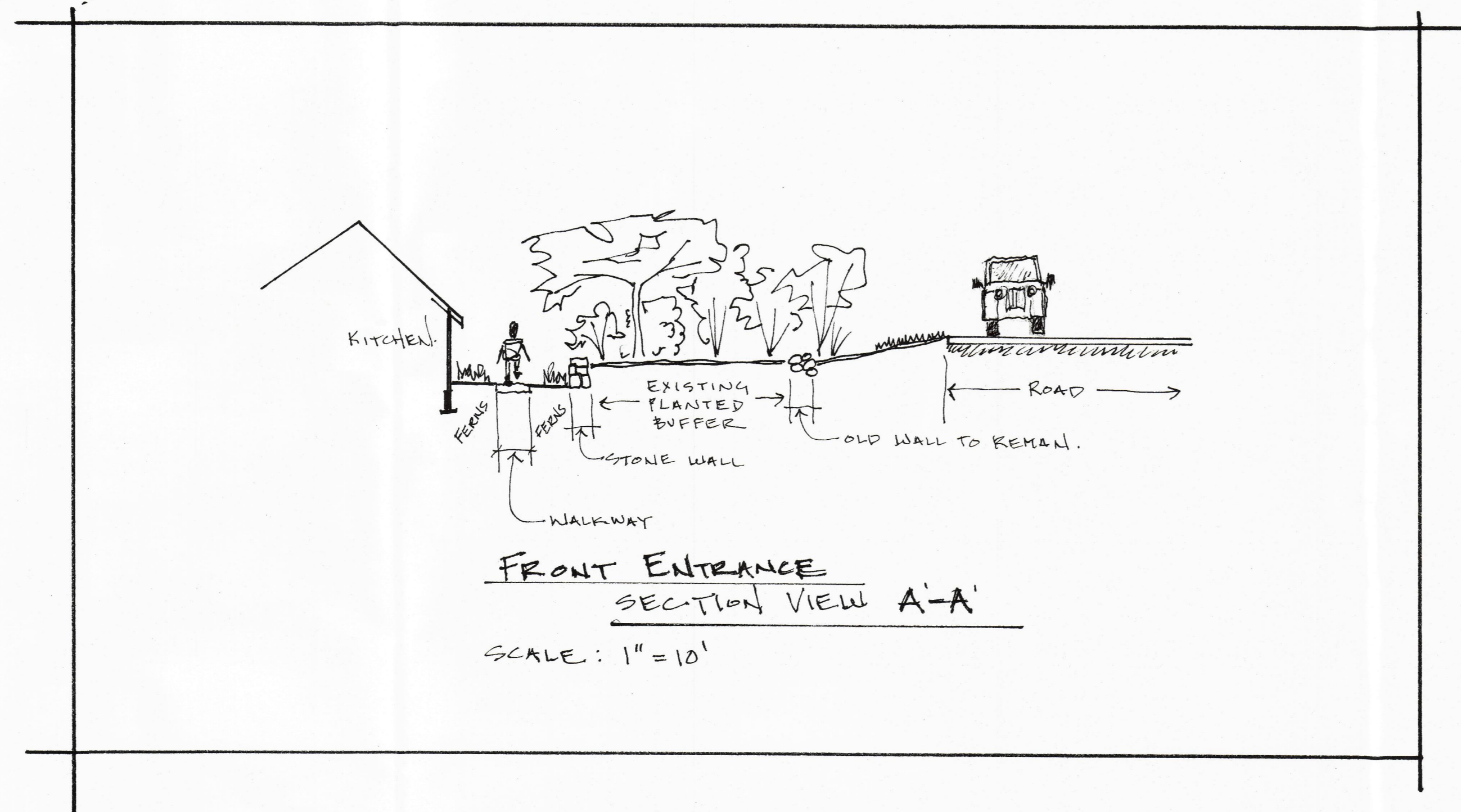
TEMPERARY STOCKPILE AREA PLACE HAY BALES DOWN GRADIENT.

Plant List

amount	size	Trees	
3	2" cal	Amelanchier canadensis	Shadblow
Shrubs			
16	2 gal	Aronia arbutifolia	Red Chokeberry
13	2 gal	Clethra alnifolia	Summer sweet
3	2 gal	Rhododendron viscosum	Swamp azalea
5	1 gal	Spiraea tomentosa	Steeplebush
9	3 gal	Leucothoe axillaris	Fetterbush
Perennials for woodland gardens			
5	1 qt	Aquilegia canadensis	Solomon's Seal
12	1 qt	Asarum canadense	Red Columbine
8	2 qt	Lobelia siphilitica	Wild Ginger
8	2qt	Penstemon digitalis	Blue Lobelia
12	2qt	Phlox divaricata	Beard tongue
6	1 gal	Polygonatum biflorum	Wood Phlox
5	1qt	Sanguinaria canadensis	Solomon's Seal
5	2qt	Solidago caesia	Bloodroot
15	1qt	Tiarella cordifolia	Bluestemmed Golden rod
Ferns			
6	1 gal	Dryopteris goldiana	Goldie's Wood Fern
6	1 gal	Osmundastrum cinnamomeum	Cinnamon Fern
8	1 gal	Polystichum acrostichoides	Christmas Fern
Plants for Hillside			
Shrubs			
25	1 gal	Archtophylos uva-ursi	Bearberry
6	2 gal	Ceanothus americanus	New Jersey Tea
10	2 gal	Comptonia peregrina	Sweetfern
3	3 gal	Vaccinium corymbosum	Highbush Blueberry
Perennials			
32	plug	Anemone canadensis	Canada Windflower
32	plug	Penstemon digitalis	Beard tongue
32	plug	Phlox divaricata	Woodphlox
64	plug	Solidago speciosa	Showy Goldenrod
64	plug	Juncus effusus	Soft Rush
64	2qt	Schizachyrium scoparium	Little Blue Stem
64	2qt	Tridens flavus	Purple top Tridens

PLANTING PLAN.
 FOR
GORDON EDELSTEIN.
AMANDA SALLES
 274 NETTLETON HOLLOW ROAD
 WASHINGTON, CT
 DATE MAY 10, 2021 REVISED JUNE 19 2021
 SCALE 1" = 10'

DESIGN BY:
 EARTH TONES, LLC
 WOODBURY, CT
 203.263.6626
 EARTHTONESNATIVES.COM



Construction Sequence

- Implement design for front of house first.
- Work on and around stream to be done in summer with typical low waterflows.
- Install silt fence.
- Deliver boulders.
- Start at base of hill on East side of dwelling create terraced areas and set step stones.
- Set up bypass pump for stream.
- Shift stream and set boulders in place to fortify hillside below garage.
- Install plantings
- Mulch exposed soils.
- Water newly installed planting.
- Seed and hay any disturbed lawn area and stockpile area.

Project Narrative

Extend road drain pipe further into property. Build headwall and backfill between headwall and road then install vegetative buffer between road and stream. This will prevent further erosion of road and stop point source pollution from road runoff directly into stream.

Move 30 feet of water course away from base of garage before it undermines garage. This stream will be relocated to original location noted on map titled "Septic System Repair Plan" done by Brian Neff, Licensed Engineer, dated 5-18-2012. Before moving the stream a 2" bypass hose and pump will be set up to move water safely around construction site.

Set boulders on steep hillside to terrace, secure and then plant terraced hillside.

Create peastone patio and landing (8 x 15ft both) on upper sections of hillside near house egresses. Create area to expand existing deck 9ft. Create peastone sitting area near stream. (605F)

Cut and remove dead ash tree (18" dia) located 20 ft from Sprain Brook and cut and remove (12" dia) dead Elm located 10 ft from Sprain Brook.

Redesign and replace existing stone steps on hillside as access from house to lower level existing lawn.

Regrade front of house to allow water to flow away from house towards the South. Tie in roof gutters to buried pipe that outflow into raingarden. Redo front walkway. Create peastone sitting area. Replant with natives. Keep existing shrub buffer between road and house. Build dry laid stone wall along base of existing shrub buffer.

Set stepping stones in Sprain Brook to allow access to other side of property instead of building a bridge.

Remove invasive plants from property and landscape using a native plant palette.

Maintenance Schedule

Earth Tones will be on site every six weeks during the growing season for two years post installation. Earth Tones will inspect health of plants, maintain planting beds, which includes weeding, pruning and mulching and scout for and remove invasives. During these times the homeowner will be working with us to gain a better understanding of the landscape and future maintenance needs.

Dead plants will be replaced.

Mulch will be added as necessary.

No soil shall be left exposed.

DESIGN BY:
 EARTH TONES LLC
 WOODBURY CT
 EARTHTONESNATIVES.COM
 203.263.0626

SECTION VIEWS
 CONSTRUCTION SEQUENCE
 PROJECT NARRATIVE
 FOR
 GORDON & EDELSTEIN
 AMANDA SALLES
 274 NETTLETON HOLLOW ROAD
 WASHINGTON, CT
 DATE JUNE 2, 2021 REVISED JUNE 19 2021
 SCALE: NOTED.