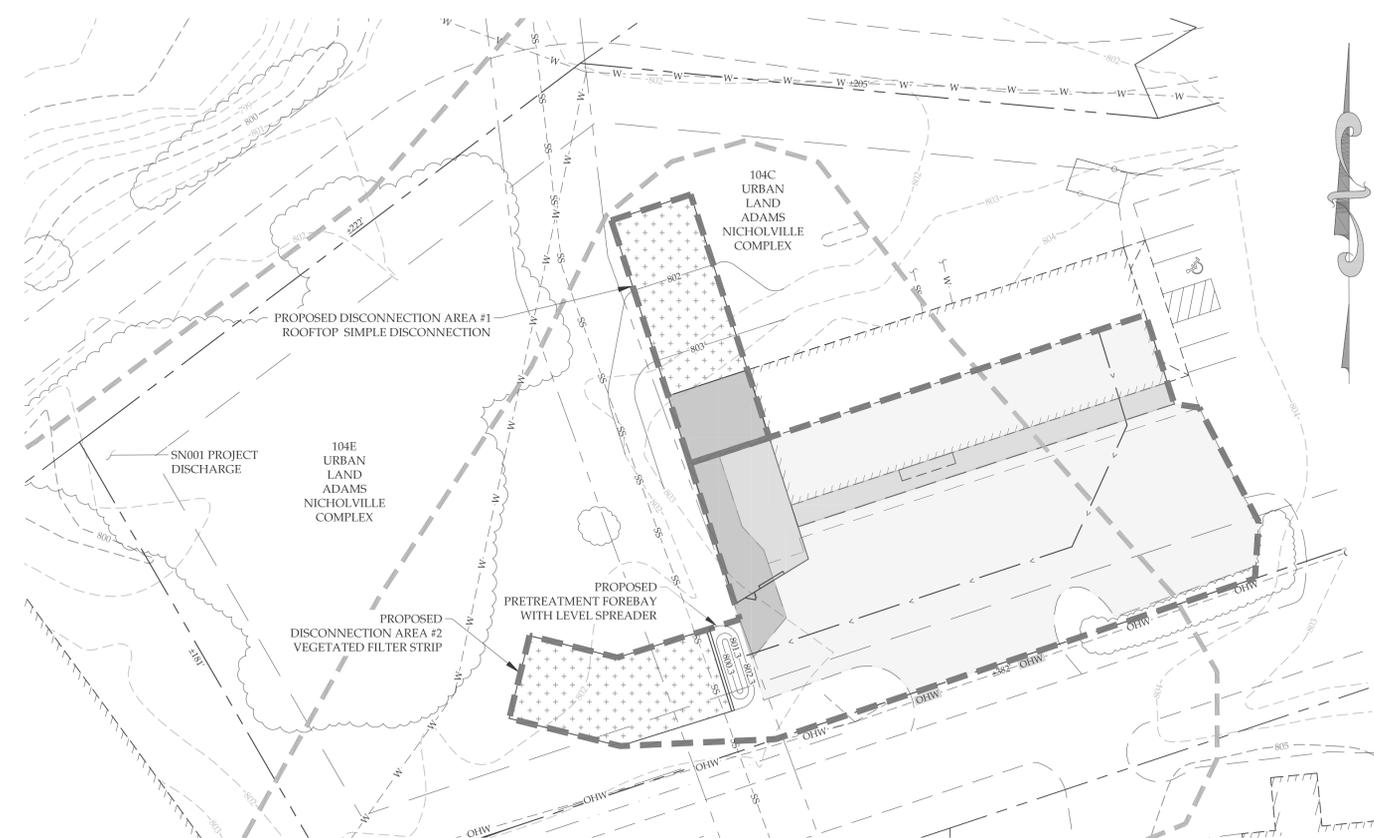


1
C-3
PRE-DEVELOPMENT DRAINAGE PLAN
SCALE: 1" = 30'



2
C-3
POST-DEVELOPMENT DRAINAGE
SCALE: 1" = 30'

LEGEND	
	PRE-DEVELOPMENT DRAINAGE AREA
	POST-DEVELOPMENT DRAINAGE AREA TO PROPOSED TREATMENT PRACTICE
	SOIL TYPE DESIGNATION (NRCS)
	HYDRAULIC LENGTH
	EXISTING IMPERVIOUS = 0.36-AC
	NEW IMPERVIOUS = 0.04-AC
	REDEVELOPED IMPERVIOUS = 0.04-AC (NON-JURISDICTIONAL)
	EXISTING IMPERVIOUS = 0.32-AC (NON-JURISDICTIONAL)

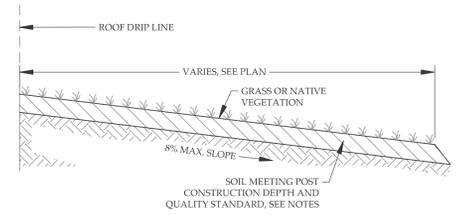
POST CONSTRUCTION SOIL RESTORATION NOTES:
ALL NATIVE VEGETATION AND SOIL OUTSIDE OF PROJECT AREA TO BE LEFT UNDISTURBED AND PROTECTED FROM COMPACTION DURING CONSTRUCTION.

POST CONSTRUCTION SOIL RESTORATION AREAS ARE MADE UP OF ALL DISTURBED AREAS ON SLOPES LESS THAN OR EQUAL TO 33% & ARE NOT COVERED WITH IMPERVIOUS SURFACES, AN INTEGRAL PORTION OF A STORMWATER TREATMENT PRACTICE, OR STRUCTURAL FILL ONCE CONSTRUCTION IS COMPLETE.

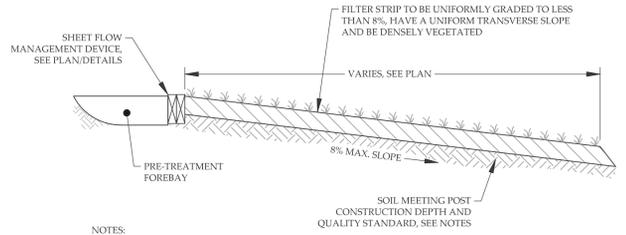
CONTRACTOR TO IDENTIFY LIMITS OF DISTURBANCE PRIOR TO THE START OF CONSTRUCTION AND INSTALL FENCING TO ENSURE PROTECTION. ANY AREAS THAT ARE DISTURBED AND/OR COMPACTED DURING THE COURSE OF CONSTRUCTION WILL HAVE TOPSOIL RESTORED BY MEANS OF ONE OF THE FOLLOWING METHODS:

- OPTION 1: AMEND EXISTING SITE TOPSOIL OR SUBSOIL IN PLACE.**
- SCARIFY OR TILL SUBSOILS TO 4 INCHES OF DEPTH OR TO DEPTH NEEDED TO ACHIEVE A TOTAL DEPTH OF 8 INCHES OF UNCOMPACTED SOIL. AFTER CALCULATED AMOUNT OF AMENDMENT IS ADDED. EXCEPT FOR WITHIN THE DRIP LINE OF EXISTING TREES, THE ENTIRE SURFACE SHALL BE DISTURBED BY SCARIFICATION;
 - AMEND SOIL TO MEET ORGANIC CONTENT REQUIREMENTS:
 - PRE-APPROVED RATE: PLACE 1 INCH OF COMPOSTED MATERIAL WITH AN ORGANIC MATTER CONTENT BETWEEN 40 AND 65% AND ROTOTILL INTO 3 INCHES OF SOIL, OR
 - CALCULATED RATE: PLACE CALCULATED AMOUNT OF COMPOSTED MATERIAL OR APPROVED ORGANIC MATERIAL AND ROTOTILL INTO DEPTH OF SOIL NEEDED TO ACHIEVE 4 INCHES OF SETTLED SOIL AT 4% ORGANIC CONTENT;
 - RAKE BEDS TO SMOOTH AND REMOVE SURFACE ROCKS LARGER THAN 2 INCHES IN DIAMETER; AND
 - WATER OR ROLL TO COMPACT SOIL IN TURF AREAS TO 85% OF MAXIMUM DRY DENSITY.
- OPTION 2: REMOVE AND STOCKPILE EXISTING TOPSOIL DURING GRADING.**
- STOCKPILE SOIL ON SITE IN A DESIGNATED CONTROLLED AREA, AT LEAST 50 FEET FROM SURFACE WATERS, WETLANDS, FLOODPLAINS, OR OTHER CRITICAL RESOURCE AREAS;
 - SCARIFY OR TILL SUBGRADE TO A DEPTH OF 4 INCHES. EXCEPT FOR WITHIN THE DRIP LINE OF EXISTING TREES, THE ENTIRE SURFACE SHALL BE DISTURBED BY SCARIFICATION;
 - STOCKPILED TOPSOIL SHALL ALSO BE AMENDED, IF NEEDED, TO MEET THE ORGANIC CONTENT REQUIREMENTS:
 - PRE-APPROVED RATE: COMPOST SHALL BE INCORPORATED WITH AN ORGANIC MATTER CONTENT BETWEEN 40 AND 65% INTO THE TOPSOIL AT A RATIO 1:3, OR
 - CALCULATED RATE: INCORPORATE COMPOSTED MATERIAL OR APPROVED ORGANIC MATERIAL AT A CALCULATED RATE TO ACHIEVE 4 INCHES OF SETTLED SOIL AT 4% ORGANIC CONTENT;
 - REPLACE STOCKPILED TOPSOIL PRIOR TO PLANTING; AND
 - RAKE TO LEVEL, AND REMOVE SURFACE ROCKS LARGER THAN 2 INCHES IN DIAMETER.
- OPTION 3: IMPORT TOPSOIL MIX, OR OTHER MATERIALS FOR MIXING, INCLUDING COMPOST, OF SUFFICIENT ORGANIC CONTENT AND DEPTH.**
- SCARIFY OR TILL SUBGRADE TO A DEPTH OF 4 INCHES. EXCEPT FOR WITHIN THE DRIP LINE OF EXISTING TREES, THE ENTIRE SURFACE SHALL BE DISTURBED BY SCARIFICATION;
 - PLACE 4 INCHES OF IMPORTED TOPSOIL MIX ON SURFACE. THE IMPORTED TOPSOIL MIX SHALL CONTAIN 4% ORGANIC MATTER. SOILS USED IN THE MIX SHALL BE SAND OR SANDY LOAM AS DEFINED BY THE USDA;
 - RAKE BEDS TO SMOOTH AND REMOVE SURFACE ROCKS LARGER THAN 2 INCHES IN DIAMETER; AND
 - WATER OR ROLL TO COMPACT SOIL IN TURF AREAS TO 85% OF MAXIMUM DRY DENSITY.

NOTE: CONTRACTOR TO VERIFY SOIL RESTORATION AFTER CONSTRUCTION BY MEANS OF SOIL SAMPLING. SOIL SAMPLING PROCEDURES INCLUDE NINE 8-INCH DEEP TEST HOLES PER ACRE AND SHALL BE AT LEAST 50 FEET APART FROM EACH OTHER. SAMPLE HOLES TO BE DUG BY SHOVEL DRIVEN BY CONTRACTOR'S WEIGHT ALONE.

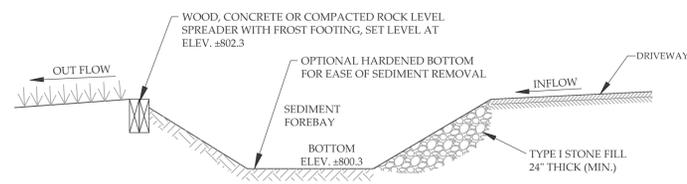


3
C-3
ROOFTOP SIMPLE DISCONNECTION
NOT TO SCALE



NOTES:
A MINIMUM 90% VEGETATIVE COVER SHALL BE MAINTAINED WITHIN VEGETATED FILTER THROUGH NATURAL PROPAGATION OR TARGETED PLANTING OF NATIVE OR NON-INVASIVE, NATURALIZED SPECIES. GRADING OR CLEARING OF NATIVE VEGETATION IS PROHIBITED WITHIN VEGETATED BUFFERS.

4
C-3
DISCONNECTION TO VEGETATED FILTER STRIP
NOT TO SCALE

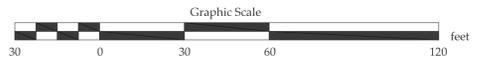


NOTES:
THE FOREBAY SHOULD BE REGULARLY INSPECTED FOR BUILD-UP OF SEDIMENT. SEDIMENT SHOULD BE REMOVED WHEN GREATER THAN A 6" DEPTH HAS ACCUMULATED.

5
C-3
FILTER STRIP PRETREATMENT FOREBAY
NOT TO SCALE

STORMWATER MAINTENANCE NOTES:

- DISCONNECTION AREAS**
MAINTAIN VIGOROUS, DENSE VEGETATION
MONITOR FOR EROSION & REPAIR AS NEEDED
- LEVEL SPREADER**
INSPECT FOR EVEN SHEET OVERFLOW DURING RAIN EVENTS. ADJUST AS NEEDED
KEEP GRAVEL FREE OF DEBRIS, REMOVE OR REPLACE IF CLOGGED WITH SEDIMENT
MONITOR FOR EROSION & REPAIR AS NEEDED
- PRETREATMENT FOREBAY**
REMOVE ACCUMULATED SEDIMENT
MONITOR FOR EROSION & REPAIR AS NEEDED



STORMWATER PLANS NEW LEAF REALTY LLC 143 VT RT 15-WEST HARDWICK, VERMONT		
 MUMLEY ENGINEERING, INC. 46 HUTCHINS STREET MORRISVILLE, VT 05661 WWW.MUMLEYENGINEERING.COM COPYRIGHT © 2025 - MUMLEY ENGINEERING, INC.	PROJECT NO.....25068 DRAWN BY.....WEH/RCB CHECKED BY.....TRM SCALE.....1" = 20' DATE.....09/26/25	SHEET NO. C-3 3 OF 3 SHEETS