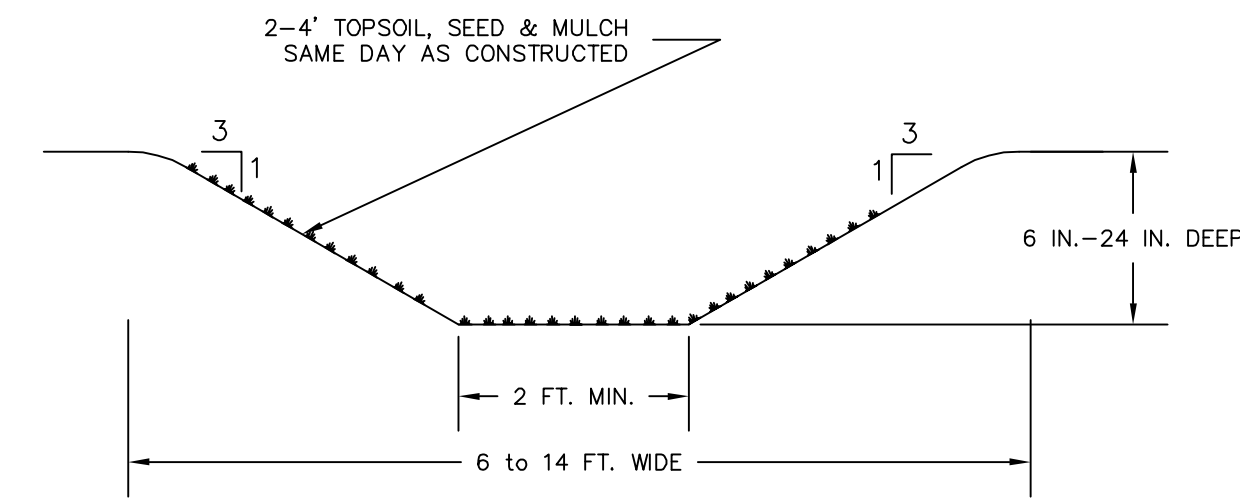


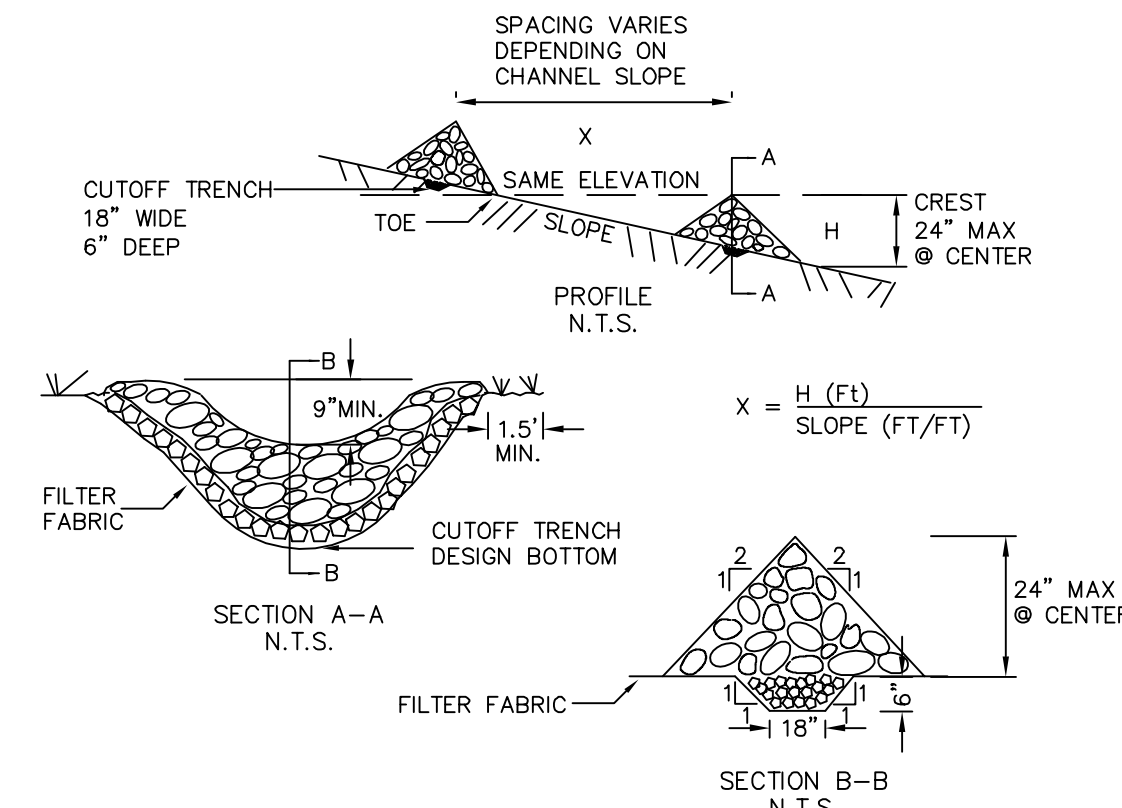
SHARED PRIVATE ROAD CENTERLINE PROFILE

1" = 30' (HORIZ.)
1" = 10' (VERT.)

NOTE:
SEED AND MULCH DITCH WITH GRADES
0 - 2.5%
EROSION MATTING AND SEEDING WITH
GRADES 2.5 - 5%
(NORTH AMERICAN GREEN S75 STRAW MATTING FROM
E.J. PRESCOTT 223-2385 OR ENGINEER APPROVED SUBSTITUTE).

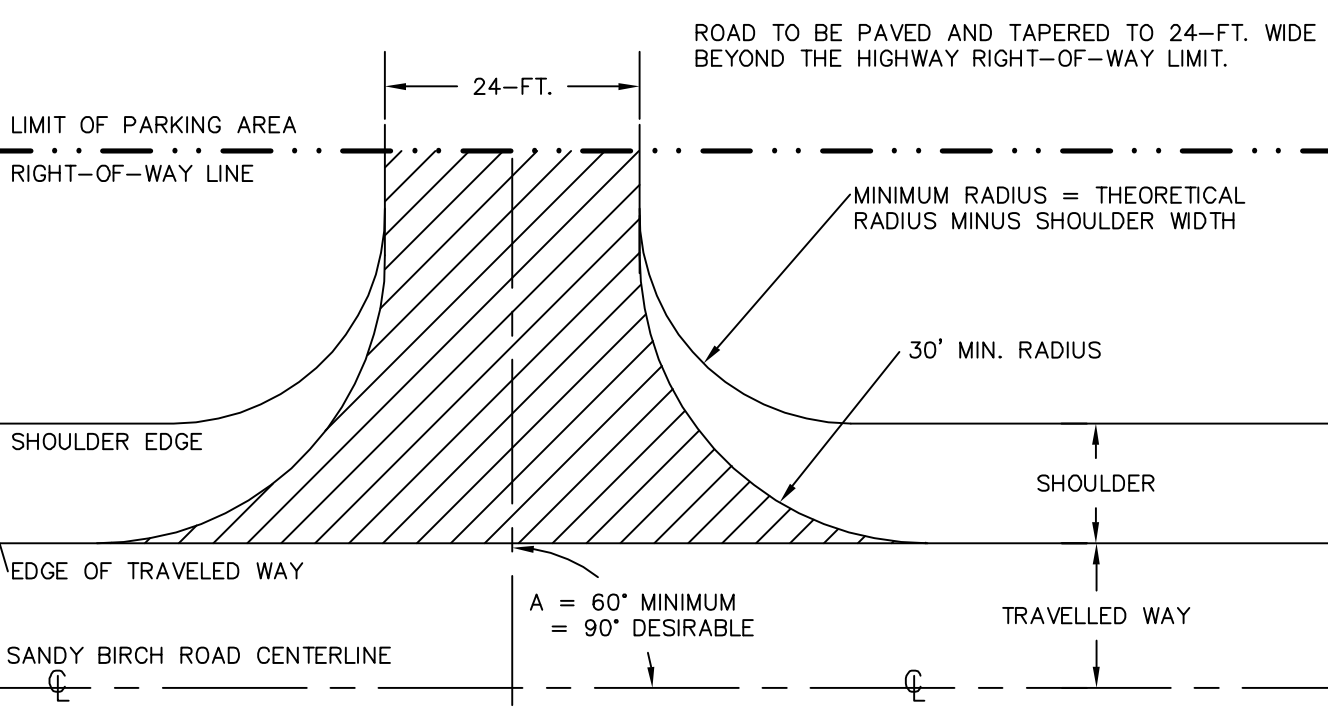


GRASS-LINED SWALE
N.T.S.

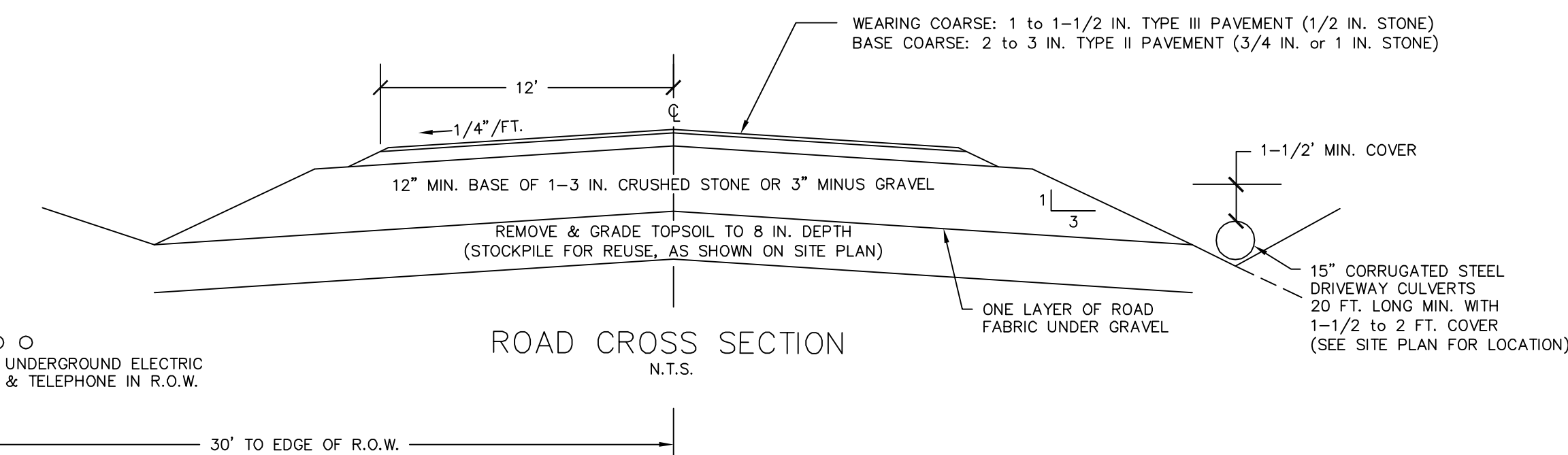


- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.

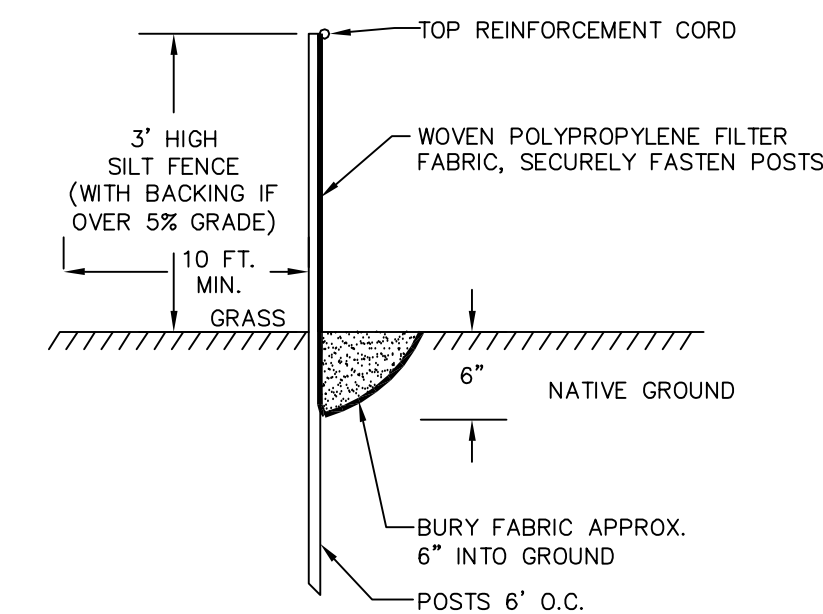
STONE CHECK DAM
N.T.S.



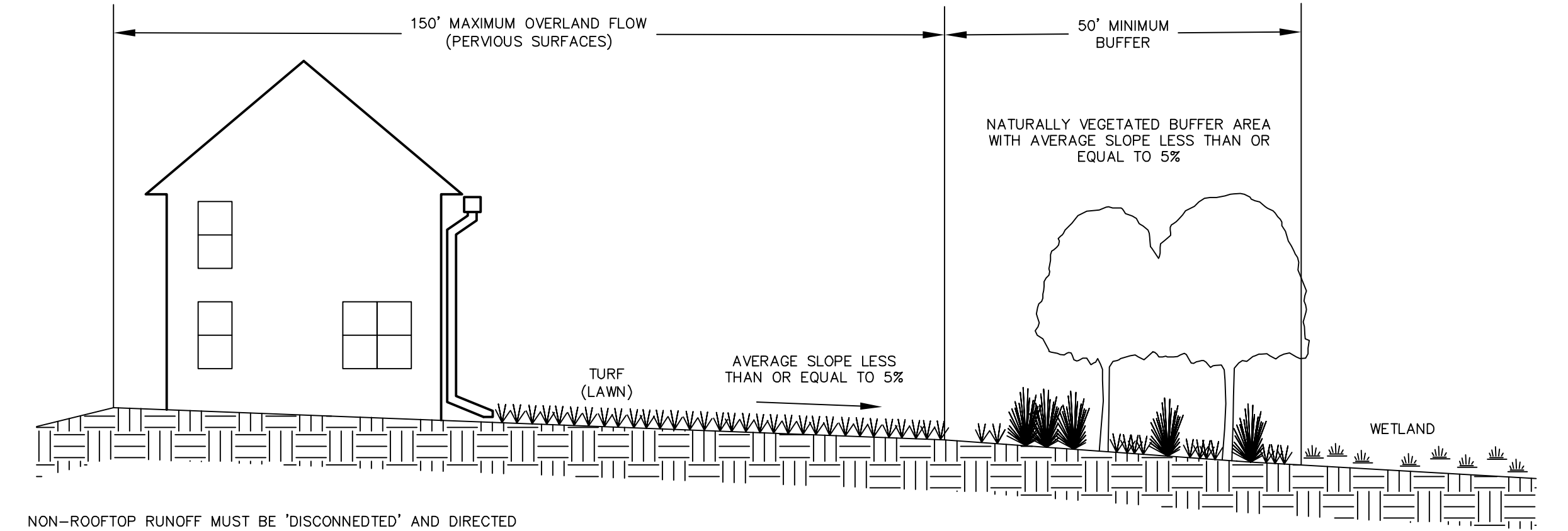
PRIVATE ROAD ENTRANCE DETAIL
N.T.S.



ROAD CROSS SECTION
N.T.S.



SILT FENCE DETAIL
N.T.S.



NON-ROOFTOP RUNOFF MUST BE 'DISCONNECTED' AND DIRECTED OVER A PERVIOUS (VEGETATED) AREA WHERE IT CAN EITHER INFILTRATE INTO THE SOIL OR FLOW OVER IT WITH SUFFICIENT TIME AND VELOCITY TO ALLOW FILTERING.

THE MAXIMUM CONTRIBUTING IMPERVIOUS FLOW PATH LENGTH SHALL BE 75 FEET.

THE LENGTH OF THE 'DISCONNECTION' MUST BE EQUAL TO OR GREATER THAN THE CONTRIBUTING LENGTH.

THE ENTIRE VEGETATIVE 'DISCONNECTION' SHALL BE ON A SLOPE LESS THAN OR EQUAL TO 5%.

THE SURFACE IMPERVIOUS AREA TO ANY ONE-DISCHARGE LOCATION CANNOT EXCEED 1,000 S.F.

SIMPLE DISCONNECTION OF
NON-ROOFTOP DETAIL & CRITERIA

N.T.S.

STORMWATER NOTES:

- STORMWATER MANAGEMENT SYSTEM TO BE THE RESPONSIBILITY OF ALL PROPERTY OWNERS AND THE HOMEOWNERS ASSOCIATION TO MAINTAIN.
- ROOFTOP RUNOFF IS NOT TO BE PIPED BEYOND THE BUILDING SITE. ALLOW IT TO SURFACE DRAIN OVER TO LOW AREAS AND GRASSED SWALES.
- DRAINAGE SWALES TO BE CONSTRUCTED WHEN SITE WORK IS STARTED. SEED, LIME AND HAY MULCH BOTTOMS AND SIDES IMMEDIATELY AFTER DIGGING.
- PROJECT ENGINEER TO BE NOTIFIED AT LEAST 1 WEEK IN ADVANCE TO INSPECT SWALE CONSTRUCTION.
- VEGETATION: USE A KENTUCKY BLUEGRASS/GRASS-LEGUME MIXTURE.
- STONE CHECK DAMS TO BE INSTALLED EVERY 100 FT.

EROSION PREVENTION AND SEDIMENT CONTROL PLAN (EPSC)

- SITE BOUNDARIES. THE PROPOSED ROAD WILL BE MONUMENTED AND STAKED BY ENGINEER BEFORE CONSTRUCTION. HOME SITES AND SEPTIC AREAS TO BE STAKED BY ENGINEER PRIOR TO CONSTRUCTION.
- LIMIT DISTURBANCE AREA. CONSTRUCT THE ROAD IN 1-10 WORKING DAYS. SEED AND MULCH ROADSIDE SWALES SAME DAY AS CONSTRUCTED.
- STABILIZE CONSTRUCTION ENTRANCE. USE A MIX OF 1 TO 4 IN. STONE, MINIMUM OF 12 IN. DEPTH, MINIMUM OF 24 FT. WIDTH. PLACE FILTER FABRIC UNDER ENTIRE GRAVEL BED. REDRESS WITH CLEAN STONE AS REQUIRED TO KEEP SEDIMENT FROM TRACKING ONTO TOWN HIGHWAY.
- SILT FENCE. INSTALL SILT FENCES IN ACCORDANCE WITH SILT FENCE DETAIL.
- UPLAND RUNOFF. AREAS UPHILL OF THE PROPOSED ROAD ARE GRASS COVERED AND GENTLY SLOPING. NO RUNOFF DIVERSION IS REQUIRED.
- DRAINAGE SWALES. SEED AND HAY MULCH DISTURBED AREA SAME DAY AS BUILT. STOCKPILED TOPSOIL TO BE SURROUNDED WITH SILT FENCE.
- HOUSE AND SEPTIC AREAS. SEED AND HAY MULCH HOUSE, DRIVE AND SEPTIC AREAS SAME DAY AS CONSTRUCTED.
- SITE TO BE INSPECTED DAILY BY CONTRACTOR DURING CONSTRUCTION.

POST-CONSTRUCTION SOIL DEPTH AND QUALITY STANDARDS:

SOIL RETENTION: RETAIN THE DUFF LAYER AND NATIVE TOPSOIL TO THE MAXIMUM EXTENT PRACTICABLE.
ALL DISTURBED AREAS SHALL MEET THE POST-CONSTRUCTION SOIL DEPTH AND QUALITY STANDARD AS PER 3.1 - 3.3 OF THE 2017 VERMONT STORMWATER MANAGEMENT MANUAL RULE AND DESIGN GUIDANCE.

SOIL QUALITY: ALL AREAS SUBJECT TO THE STANDARD SHALL DEMONSTRATE:
- A TOPSOIL LAYER WITH A MINIMUM ORGANIC CONTENT OF 4% DRY WEIGHT AND A MINIMUM DEPTH OF 4 INCHES;
- COMPOST SHALL HAVE A CARBON TO NITROGEN RATIO BELOW 25:1 AND SHALL MEET THE DEFINITION OF 'COMPOST' IN THE RULES;
- LEAVE UNDISTURBED NATIVE VEGETATION AND SOIL AND PROTECT FROM COMPACTION DURING CONSTRUCTION. AREAS NOT TO BE STRIPPED, GRADED OR DRIVEN ON SHALL BE IDENTIFIED AND FENCED OFF TO PREVENT COMPACTION;
OR,
- IMPORT TOPSOIL MIX OF SUFFICIENT CONTENT AND DEPTH.

CONTRACTOR TO VERIFY POST-CONSTRUCTION SOIL DEPTH BY EXCAVATING NINE (9) EIGHT-INCH DEEP TEST HOLES PER ACRE OF AREA DISTURBED USING ONLY A SHOVEL.

RUNOFF MUST ENTER THE DISCONNECTION AREA AS SHEET FLOW AND SHALL NOT BE ALLOWED TO CHANNELIZE.

RUNOFF MUST BE CONVEYED AS SHEET FLOW ONTO AND ACROSS OPEN AREAS TO MAINTAIN PROPER DISCONNECTION. DISCONNECTIONS SHALL BE LOCATED ON GRADUAL SLOPES AND DIRECTED AWAY FROM BUILDINGS TO BOTH MAINTAIN SHEET FLOW AND PREVENT WATER DAMAGE TO BASEMENTS AND FOUNDATIONS.

WHERE PROVIDED, DOWNSPOUTS MUST BE AT LEAST 10 FEET AWAY FROM THE NEAREST IMPERVIOUS SURFACE TO PREVENT RECONNECTION TO THE STORMWATER DRAINAGE SYSTEM.

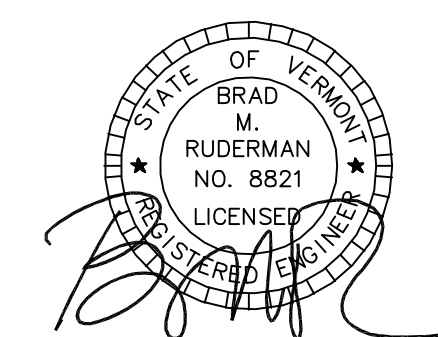
A STONE DIAPHRAM, LEVEL SPREADER, SPLASH PAD, OR OTHER ACCEPTED FLOW SPREADING DEVICE SHALL BE INSTALLED AT EACH DOWNSPOUT OUTLET TO DISTRIBUTE FLOWS EVENLY ACROSS THE FLOW PATH.

WHERE A GUTTER AND DOWNSPOUT SYSTEM IS NOT USED, RUNOFF SHALL DRAIN AS EITHER SHEET FLOW FROM THE CONTRIBUTING SURFACE OR DRAIN TO A SUBSURFACE DRAIN FIELD THAT IS NOT DIRECTLY CONNECTED TO THE DRAINAGE SYSTEM.

A MINIMUM SEPARATION OF 5 FEET SHOULD BE PROVIDED BETWEEN THE DISCONNECTED DOWNSPOUT AND BUILDING FOUNDATIONS.

DOWNSPOUTS FOR CONVEYING ROOFTOP RUNOFF SHOULD BE EQUIPPED WITH LEAF SCREENS TO PREVENT CLOGGING.

SIMPLE DISCONNECTION CRITERIA



SANDY BIRCH ROAD LLC SANDY BIRCH ROAD GEORGIA, VERMONT		
ROAD, STORMWATER & EROSION CONTROL DETAILS		
BRAD M. RUDERMAN & ASSOCIATES, INC. 28 U.S. ROUTE 5 HARTLAND, VERMONT (802) 674 - 4248		
SCALE AS SHOWN	APPROVED BRAD M. RUDERMAN, P.E.	DRAWN BMR
DATE JAN. 11, 2024		SHEET 5