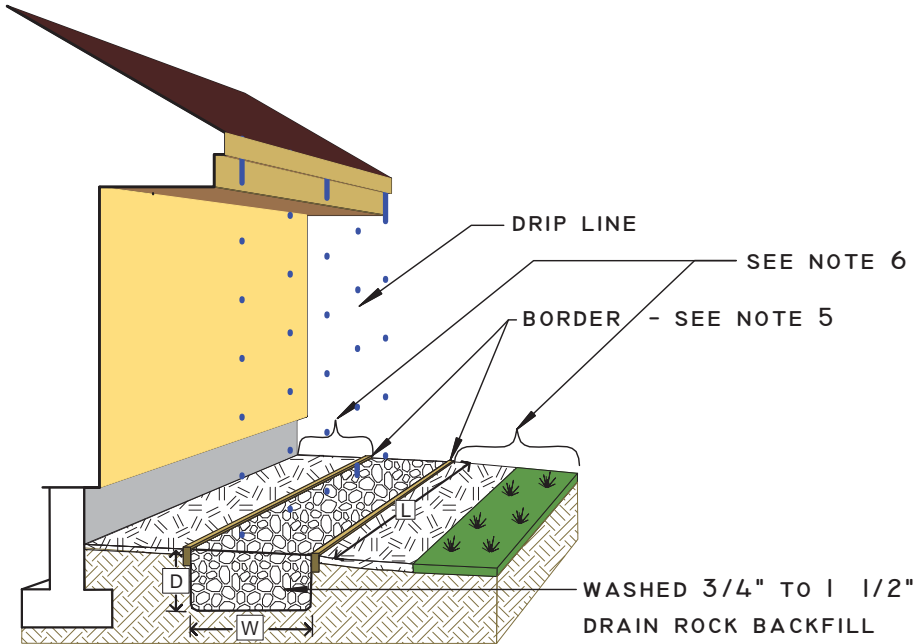


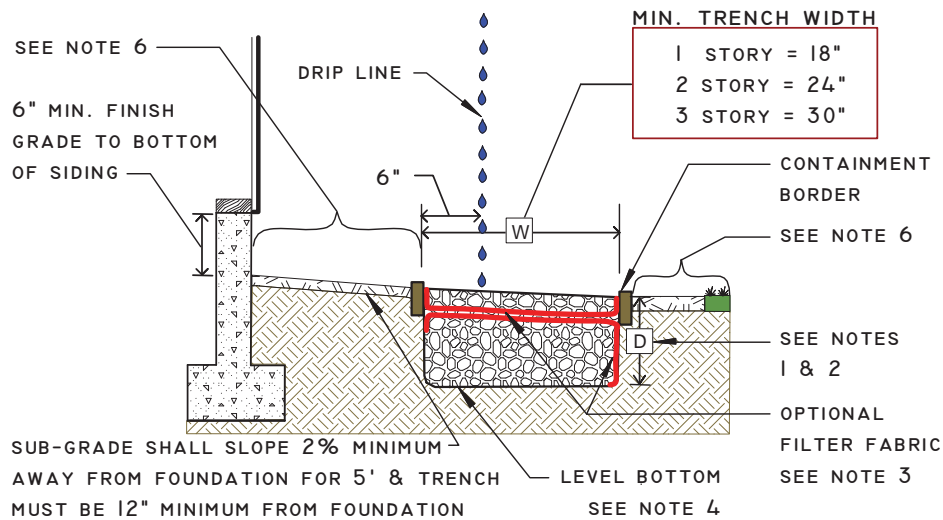
(RESIDENTIAL USE ONLY)
BEST MANAGEMENT PRACTICE
DRIP LINE INFILTRATION TRENCH



CONSTRUCTION NOTES

1. FOR SITE SPECIFIC TRENCH DIMENSIONS AND BACKFILL REQUIREMENTS REFER TO THE BMP "SITE EVALUATION RECOMMENDED TREATMENTS" FORM OR OTHER APPROVED BMP SIZING CALCULATIONS. SEE BMP-002, "ROOF VALLEY DRIP LINE TREATMENT," FOR DETAILS OF TRENCHES LOCATED UNDER ROOF VALLEYS.
2. MAXIMUM TRENCH DEPTH RECOMMENDED IS 10".
3. FILTER FABRIC IS OPTIONAL. SEE BMP-060, "FILTER FABRIC FOR INFILTRATION SYSTEMS," FOR DETAILS.
4. BOTTOM OF TRENCH MUST BE LEVEL. IF THIS IS NOT FEASIBLE, ALTERNATIVES INCLUDE CONSTRUCTING A SWALE OR SUBSURFACE DRAIN TO COLLECT AND CONVEY THE RUNOFF TO AN INFILTRATION SYSTEM. SEE BMP-004, "DRIP LINE CONVEYANCE SWALE," AND BMP-005, "SUBSURFACE CONVEYANCE SYSTEM."
5. CONTAINMENT BORDERS ARE REQUIRED. OPTIONS FOR MATERIALS INCLUDE PRESSURE TREATED LUMBER, RECYCLED COMPOSITES, BRICK, STONE, COBBLE, OR OTHER LANDSCAPE EDGING MATERIAL. FIRE DEFENSIBLE SPACE GUIDELINES FOR LAKE TAHOE RECOMMEND A NON-COMBUSTIBLE AREA WITHIN 5 FEET OF A STRUCTURE. COMBUSTIBLE MATERIAL SHALL NOT CONNECT FROM THE BORDER TO THE STRUCTURE.
6. CONSULT WITH YOUR LOCAL FIRE PROTECTION DISTRICT WHEN LANDSCAPING NEAR STRUCTURES. VISIT WWW.LIVINGWITHFIRE.INFO/TAHOE FOR GUIDELINES ON THE DEFENSIBLE SPACE ZONE.
7. *REGULARLY SCHEDULED MAINTENANCE IS NECESSARY TO MAINTAIN FULL FUNCTION. MAINTENANCE INCLUDES INSPECTION, REMOVAL, AND PROPER DISPOSAL OF DEBRIS, PINE NEEDLES AND ACCUMULATED SEDIMENT.*

INSTALLATION GUIDELINES



U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE IN COOPERATION WITH TAHOE RESOURCE CONSERVATION DISTRICT, AND NEVADA TAHOE CONSERVATION DISTRICT	
DRAWN BY: DMGG/MPB	APPROVED BY: _____ DATE _____

THIS STANDARD DRAWING IS BASED ON A REFERENCE TO THE NRCS STANDARD PRACTICE 570 - STORMWATER RUNOFF CONTROL.

THIS DRAWING IS INTENDED TO ASSIST THE DESIGNER IN PREPARATION OF A COMPLETE SITE SPECIFIC DESIGN, AND IT IS NOT TO REPLACE THE INDEPENDENT JUDGMENT AND ANALYSIS BY A QUALIFIED DESIGNER. INFILTRATION SYSTEM SIZING IS CALCULATED BASED ON THE HYDRAULIC CONDUCTIVITY OF THE SOILS ON SITE AND VOLUME OF RUNOFF BEING CAPTURED.