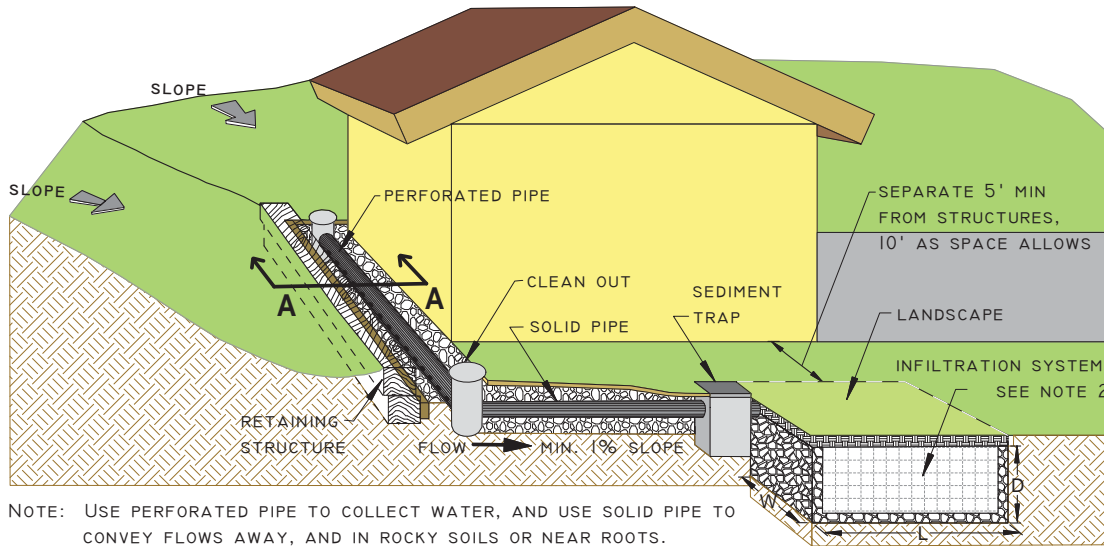


(RESIDENTIAL USE ONLY)  
BEST MANAGEMENT PRACTICE  
**SUBSURFACE CONVEYANCE SYSTEM**

**CONSTRUCTION NOTES**

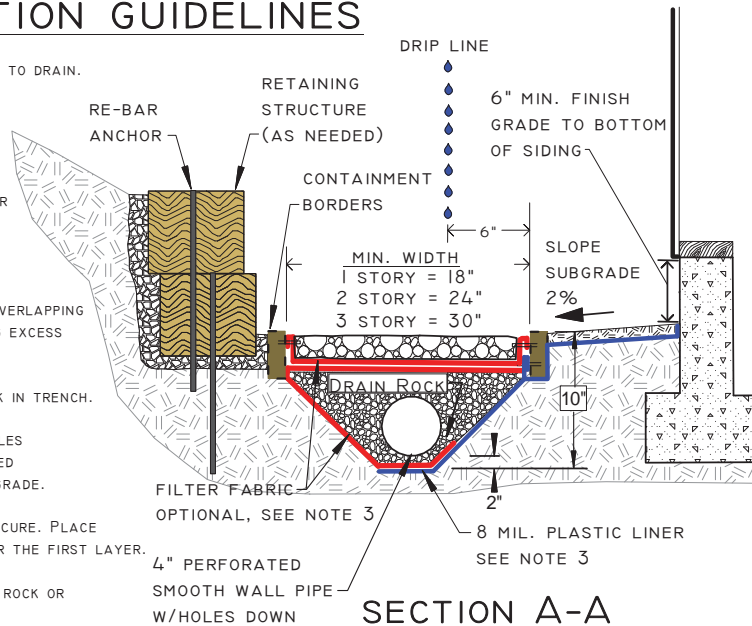
1. USE SUBSURFACE CONVEYANCE SYSTEM TO COLLECT ROOF RUNOFF AND CONVEY TO A REMOTE INFILTRATION SYSTEM. THIS PRACTICE APPLIES TO SITES WHERE INFILTRATING RUNOFF IN THE DRIP LINE COULD ADVERSELY AFFECT THE FOUNDATION. SEE BMP-001 AND BMP-009 FOR ALTERNATE TREATMENTS.
2. REFER TO SITE SPECIFIC BMP RECOMMENDATIONS FOR THE INFILTRATION SYSTEM DETAILS.
3. FILTER FABRIC IS OPTIONAL. SEE BMP-060, "FILTER FABRIC FOR INFILTRATION SYSTEMS," FOR DETAILS. PLACE 8 MIL PLASTIC LINER TO INTERCEPT AND PREVENT WATER MOVEMENT TOWARD FOUNDATION.
4. WASHED 3/4" TO 1 1/2" DRAIN ROCK IS RECOMMENDED FOR BACKFILL AROUND PERFORATED PIPE.
5. INSTALL CLEAN-OUTS AT ENDS OF PIPE AND AT ALL BENDS AND ABRUPT CHANGES IN SLOPE.
6. CONTAINMENT BORDERS ARE REQUIRED UNDER DRIP LINES. OPTIONS FOR MATERIALS INCLUDE PRESSURE TREATED LUMBER, RECYCLED COMPOSITES, BRICK, STONE, COBBLE, OR OTHER LANDSCAPE EDGING MATERIAL. ALTERNATIVELY, STABILIZE WITH RETAINING STRUCTURES.
7. 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. VISIT [WWW.LIVINGWITHFIRE.INFO/TAHOE](http://WWW.LIVINGWITHFIRE.INFO/TAHOE) FOR MORE INFORMATION.



NOTE: USE PERFORATED PIPE TO COLLECT WATER, AND USE SOLID PIPE TO CONVEY FLOWS AWAY, AND IN ROCKY SOILS OR NEAR ROOTS.

**INSTALLATION GUIDELINES**

- STEPS:**
1. EXCAVATE TRENCH WITH MIN. 1% GRADE TO DRAIN.
  2. INSTALL BORDERS OR RETAINING STRUCTURE AS NEEDED.
  3. MEASURE AND PLACE PLASTIC LINER IF REQUIRED. STAPLE PLASTIC TO BORDER AND LINE FOUNDATION SIDE OF TRENCH. ALTERNATIVELY, EXTEND PLASTIC TO FOUNDATION.
  4. MEASURE AND INSTALL FILTER FABRIC OVERLAPPING PLASTIC LINER 12" MINIMUM AND PLACING EXCESS ALONG TRENCH.
  5. PLACE 2" LAYER OF WASHED DRAIN ROCK IN TRENCH.
  6. PLACE PERFORATED DRAIN PIPE WITH HOLES FACING DOWN AND BACKFILL WITH WASHED DRAIN ROCK WITHIN 2" TO 3" OF FINAL GRADE.
  7. WRAP FILTER FABRIC OVER ROCK AND SECURE. PLACE A SECOND LAYER OF FILTER FABRIC OVER THE FIRST LAYER.
  8. FILL REMAINDER OF TRENCH WITH DRAIN ROCK OR OTHER DESIRED STONE TO FINISH GRADE.



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

THIS STANDARD DRAWING IS BASED ON A REFERENCE TO THE NRCS STANDARD PRACTICE 570 - STORMWATER RUNOFF CONTROL AND 606A - SUBSURFACE DRAIN, 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. THIS PRACTICE APPLIES TO COLLECTING SURFACE RUNOFF ONLY, AND IS NOT DESIGNED TO DRAIN LATERALLY MOVING SUBSURFACE WATER AWAY FROM STRUCTURES.