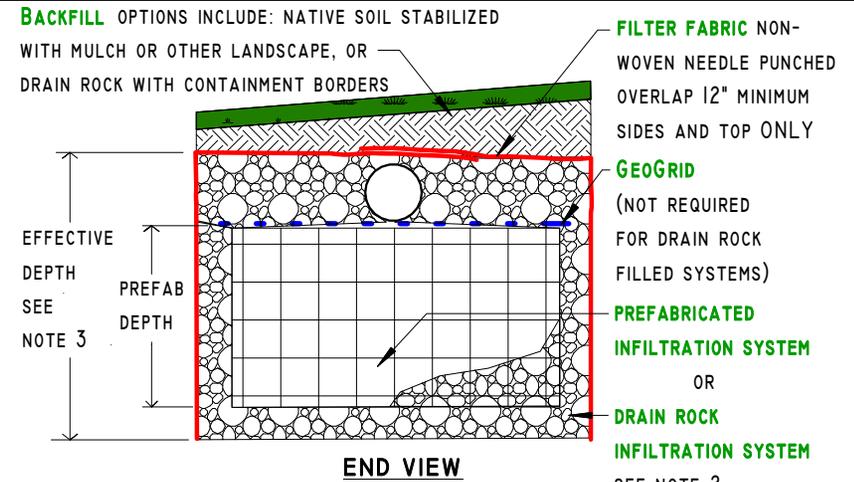
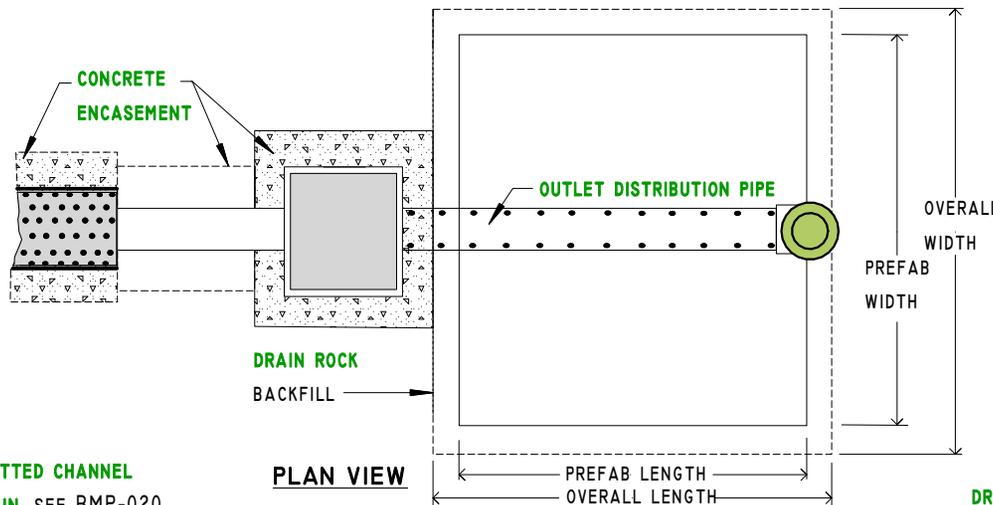
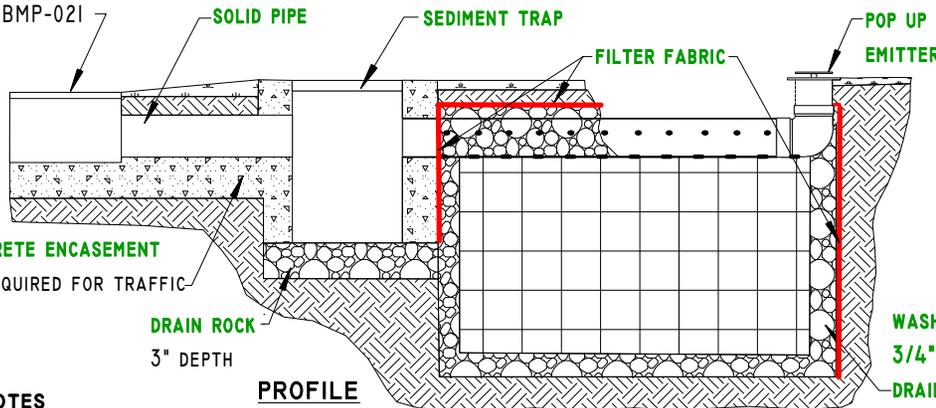


(RESIDENTIAL USE ONLY)
BEST MANAGEMENT PRACTICE
INFILTRATION SYSTEM



SLOTTED CHANNEL DRAIN, SEE BMP-020 OR BMP-021

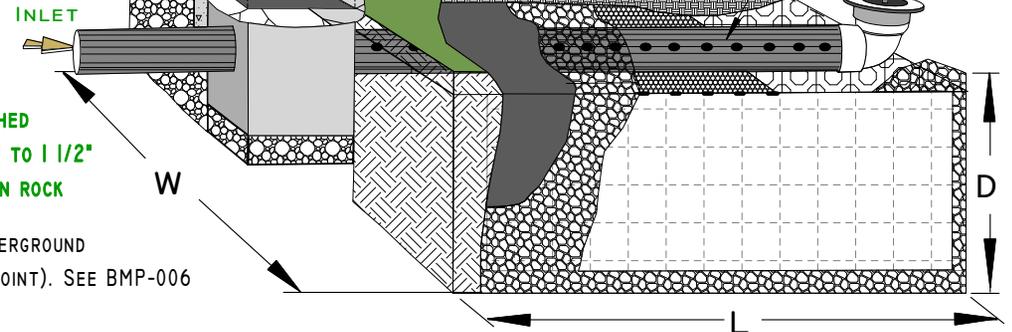


DRIVEWAY SWALE
ALTERNATE INLET
SEE BMP-022

SEDIMENT TRAP
SEE BMP-030

OUTLET DISTRIBUTION PIPE HDPE 4" DIAM. ADS 3000 TRIPLE WALL PERFORATED SEWER AND DRAIN PIPE WITH 2 ROWS OF 5/8" HOLES AT 4" O.C. (OR EQUAL)
PLACE PIPE WITH HOLES FACING UP

POP UP EMITTER
NDS 421
OR EQUAL



NOTES

1. INFILTRATION SYSTEM PRACTICE APPLIES WHERE CONCENTRATED STORMWATER RUNOFF IS INFILTRATED UNDERGROUND (E.G. AT THE END OF A PIPE, DRIVEWAY CONVEYANCE SWALE OR SLOTTED CHANNEL DRAIN, OR AT A LOW POINT). SEE BMP-006 FOR OTHER INFILTRATION SYSTEM COMPONENTS AND ALTERNATIVE MATERIALS THAT MAY APPLY.
2. FOR SITE SPECIFIC TRENCH DIMENSIONS (L, W AND D) AND BACKFILL REQUIREMENTS, REFER TO THE BMP "SITE EVALUATION RECOMMENDED TREATMENTS" FORM OR OTHER APPROVED BMP SIZING CALCULATIONS. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION AND REFER TO THE NRCS "INSTALLING INFILTRATION SYSTEMS" TIP SHEET. ALLOW FOR 3" DRAIN ROCK ENVELOPE ON ALL SIDES OF PREFAB. UNITS.
3. BOTTOM OF TRENCH MUST BE LEVEL. ON SLOPED SITES, EFFECTIVE DEPTH IS MEASURED ON THE DOWNHILL SIDE OF THE TRENCH.
4. *REGULARLY SCHEDULED MAINTENANCE IS NECESSARY TO MAINTAIN FULL FUNCTION. INSPECT IN SPRING, FALL AND AFTER HEAVY RAINS. REMOVE AND DISPOSE OF DEBRIS, PINE NEEDLES AND ACCUMULATED SEDIMENT PROPERLY. REMOVE POP-UP EMITTER COVER AND BACKFLUSH PERFORATED OUTLET PIPE IF NEEDED.*

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|---|-------------------|
| U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE IN COOPERATION WITH TAHOE RESOURCE CONSERVATION DISTRICT, AND NEVADA TAHOE CONSERVATION DISTRICT | |
| DRAWN BY: | APPROVED BY: DATE |
| CLT | |

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

USERS OF THESE DRAWINGS AND ASSOCIATED INFORMATION MUST BE QUALIFIED PERSONNEL TRAINED TO INTERPRET AND ADAPT TECHNOLOGY ACCORDING TO LOCAL CONDITIONS. INFILTRATION SYSTEM SIZING IS CALCULATED BASED ON THE HYDRAULIC CONDUCTIVITY OF THE SOILS ON SITE AND VOLUME OF RUNOFF BEING CAPTURED.

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