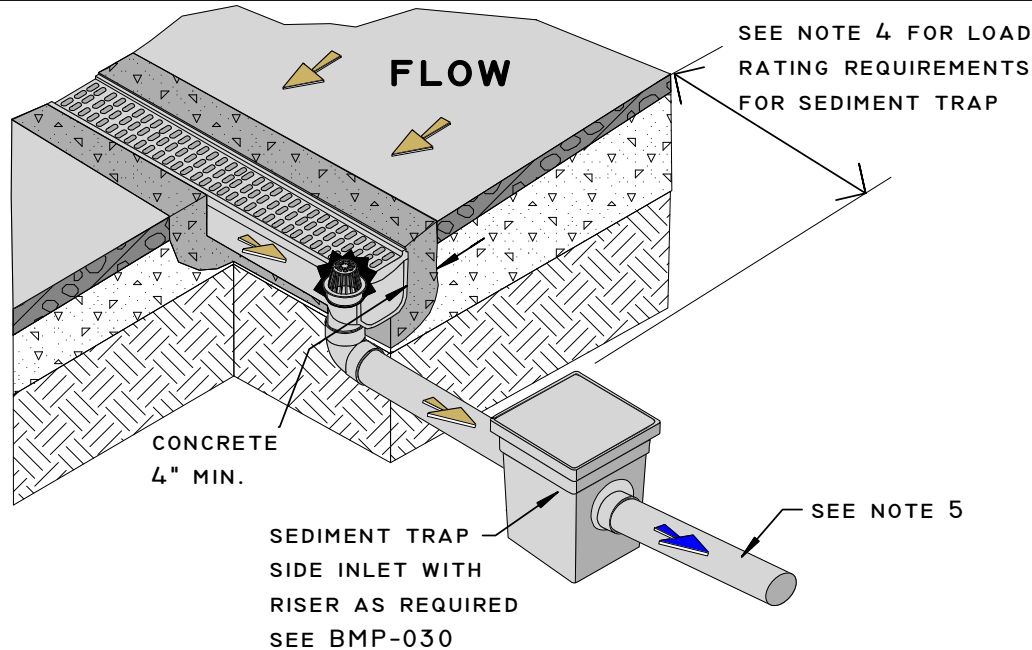


(RESIDENTIAL USE ONLY)
BEST MANAGEMENT PRACTICE
SLOTTED CHANNEL DRAIN

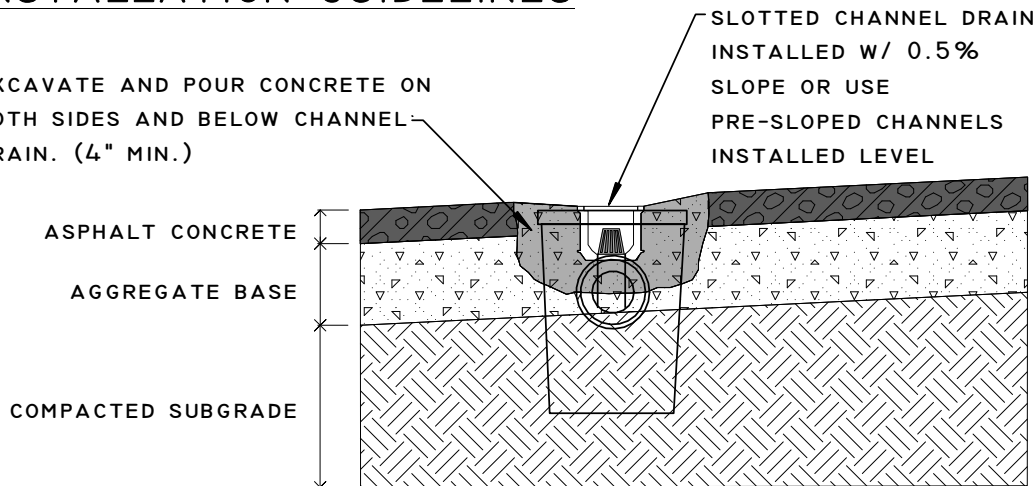


CONSTRUCTION NOTES

1. SLOTTED CHANNEL DRAIN APPLIES TO DRIVEWAYS UP TO AND EXCEEDING 5% SLOPE. IF SLOPE IS < 5%, A DRIVEWAY CONVEYANCE SWALE MAY BE USED. SEE BMP-022 FOR SWALE CONSTRUCTION DETAILS. ALTERNATIVELY, USE BMP-023 OR BMP 024 FOR INFILTRATION SYSTEMS NOT REQUIRING A DRIVEWAY CONVEYANCE SWALE OR SLOTTED CHANNEL DRAIN.
2. INFILTRATION SYSTEM COMPONENTS ARE NOT SHOWN. REFER TO BMP "SITE EVALUATION RECOMMENDED TREATMENTS" FORM FOR THE APPLICABLE COMPONENTS DESIGNED FOR THE PROPERTY. SEE BMP-003 FOR RELATED CONVEYANCE AND INFILTRATION COMPONENTS.
3. THIS DRAWING IS INTENDED FOR REFERENCE ONLY. FOLLOW MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION OF SLOTTED CHANNEL DRAIN AND SEDIMENT TRAP.
4. ALL INSTALLATIONS MUST BE APPROPRIATELY LOAD RATED AS NECESSITATED BY POTENTIAL VEHICLE TRAFFIC. FOLLOW MANUFACTURER'S SPECIFICATIONS TO WITHSTAND VEHICLE LOADS. ALTERNATIVELY, INSTALL VEHICLE BARRIERS PER BMP-026 AND/OR EXTEND CONVEYANCE PIPE TO A PROTECTED AREA.
5. PLACE 3" OR 4" PIPE BETWEEN SEDIMENT TRAP AND INFILTRATION SYSTEM WITH 2% MINIMUM SLOPE OR 1/4 IN. DROP PER FOOT. PVC, ABS OR POLYETHYLENE SMOOTH WALL SEWER AND DRAIN PIPE IS RECOMMENDED TO EASE CLEANING, HOWEVER, CORRUGATED PIPE MAY BE USED. FOLLOW INSTRUCTIONS FOR INFILTRATION SYSTEM CONSTRUCTION AND ENSURE THAT NO FILTER FABRIC BLOCKS THE FLOW AT ALL PIPE CONNECTIONS.
6. *REGULARLY SCHEDULED MAINTENANCE IS NECESSARY TO MAINTAIN FULL FUNCTION. MAINTENANCE INCLUDES INSPECTION, REMOVAL, AND PROPER DISPOSAL OF PINE NEEDLES AND ACCUMULATED SEDIMENT.*

INSTALLATION GUIDELINES

EXCAVATE AND POUR CONCRETE ON BOTH SIDES AND BELOW CHANNEL DRAIN. (4" MIN.)



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

THIS STANDARD DRAWING IS BASED ON A REFERENCE TO THE NRCS STANDARD PRACTICE 570 - STORMWATER RUNOFF CONTROL AND 560 - ACCESS ROAD. 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. USDA IS AN EQUAL OPPORTUNITY PROVIDER AND EMPLOYER