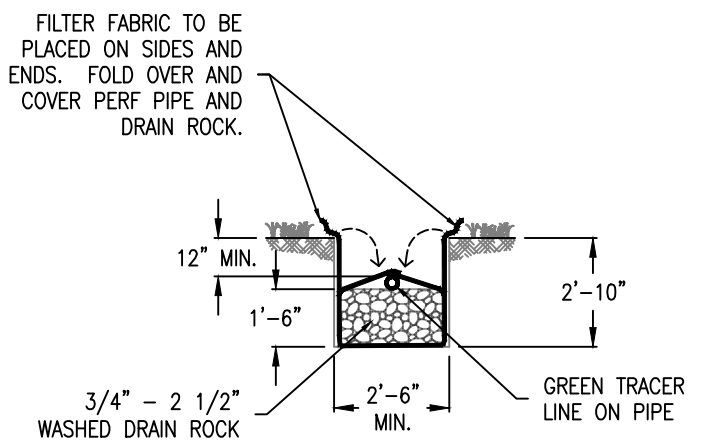


1. SITING CRITERIA: THE BASE OF THE SOAKAGE TRENCH MUST BE AT LEAST 5' ABOVE SEASONAL HIGH GROUNDWATER.
2. SIZING: 1'-6" TALL, 2'-6" WIDE MINIMUM. 25 SQUARE FEET OF TRENCH PER 500 SQUARE FEET OF CATCHMENT AREA.
3. SETBACKS: MEASURED FROM THE EDGE, THE SOAKAGE TRENCH MUST BE 10' FROM FOUNDATIONS AND 5' FROM PROPERTY LINES, EXCEPT NEXT TO THE RIGHT-OF-WAY.
4. PRE-TREATMENT: A TRAPPED SILT BASIN SUCH AS A SUMPED CATCH BASIN IS REQUIRED EXCEPT FOR SOAKAGE TRENCHES MANAGING ROOF RUNOFF AND RUNOFF FROM PEDESTRIAN-ONLY AREAS.
5. PIPING: CONFORM WITH OREGON PLUMBING SPECIALTY CODE (OPSC) REQUIREMENTS.
6. THE TOP OF THE SOAKAGE TRENCH MUST BE LOWER THAN FOUNDATIONS, INCLUDING BASEMENTS WITHIN 10 FEET OF THE SOAKAGE TRENCH.

SECTION



LINE TRENCH SIDES WITH PERMEABLE FILTER FABRIC AS SHOWN, ADD 18" OF DRAIN ROCK. PLACE PERF. PIPE AND COVER ALL.

CONSTRUCTION REQUIREMENTS

THE OUTLINE OF THE FACILITY MUST BE CLEARLY MARKED BEFORE SITE WORK BEGINS TO AVOID SOIL DISTURBANCE. USE OF HEAVY EQUIPMENT SHOULD BE MINIMIZED WITHIN 10 FEET OF SOAKAGE TRENCH AREAS. THE BOTTOM OF THE SOAKAGE TRENCH AND THE PERFORATED PIPE MUST BE LEVEL. CLAY CHECK DAMS MAY BE USED TO PREVENT WATER FROM COLLECTING NEAR THE DOWNSTREAM END. SMEARING THE SOIL SURFACE DURING EXCAVATION CAN POTENTIALLY LIMIT INFILTRATION RATES; IF SMOOTH EXCAVATION TOOLS ARE USED, ROUGHEN THE SIDES AND BOTTOM OF THE EXCAVATION WITH A SHARP POINTED TOOL. REMOVE LOOSE MATERIAL FROM THE BOTTOM OF THE EXCAVATION.



STORMWATER STANDARD DRAWING

SOAKAGE TRENCH

DRAWING NO.
209

NO.	REVISIONS	DATE	BY
1			
2			
3			
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DATE: 4/10/2024
SCALE: NTS