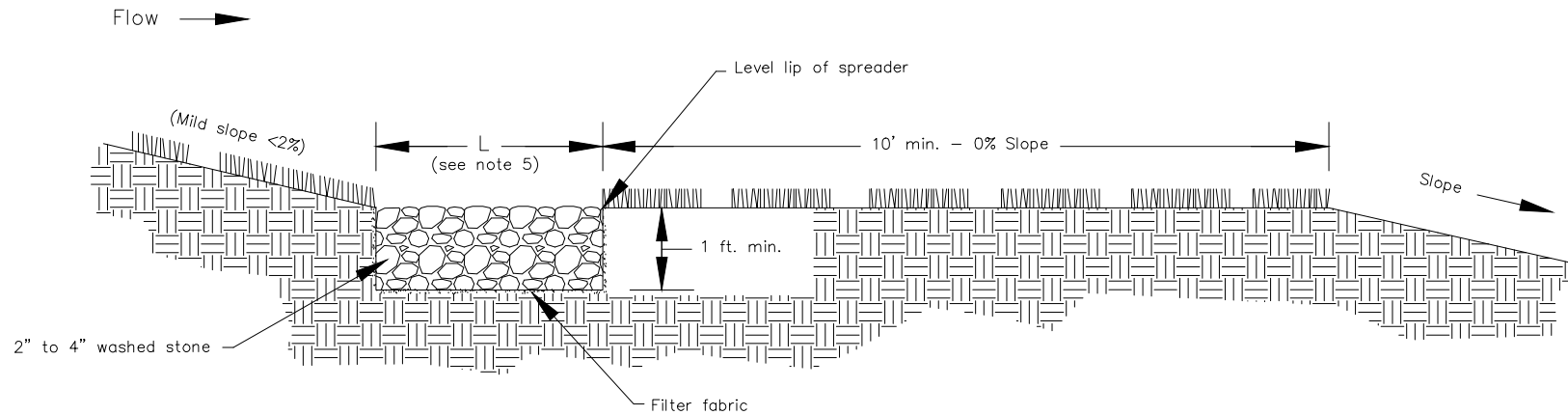




ENGINEERING DEPARTMENT
STANDARD DETAILS

ROCK LEVEL SPREADER



GENERAL NOTES:

1. The level spreader facility design must include a minimum 10' wide vegetated buffer between the level spreader and the setback or stream buffer boundary. The runoff from the facility shall mimic pre-development sheet flow and quantity.
2. Construction considerations: level spreader areas should be constructed on native soils and protected from construction activities not related to the level spreader construction. The receiving area below the level spreader should also be protected from disturbance during construction. Disturbed areas shall be stabilized with vegetated measures. Level spreaders must be constructed level to distribute flows evenly the filter.
3. The downstream side of the level spreader must be fully stabilized before the level spreader is activated. If a level spreader is installed above a disturbed area without sufficient established vegetative cover or other adequate ground cover such as construction matting (straw-coconut blanket), erosion rills will quickly form. Even sheet flow can cause significant downstream erosion on disturbed areas.
4. Filter fabric must be installed between rock and soil.
5. L is the length of the ROCK LEVEL SPREADER, measured in direction of flow. The Length shall be equal to 4 times the drain width or diameter, but not less than 2 feet.
6. The width of the ROCK LEVEL SPREADER, measured perpendicular to flow, shall be a minimum of 2 feet, centered on roof drain or pipe.

NOTE: DRAWING NOT TO SCALE

TITLE:	REVISIONS	DET. NO.
ROCK LEVEL SPREADER	08/13 15	SD-15