NOTES:

1. DRAIN ROCK SHALL BE LINED ON BOTH SIDES AND OVER LAPPED ON TOP WITH GEOTEXTILE MATERIAL.

2. THE INFILTRATION TRENCH IS GENERALLY USED FOR SMALL DRAINAGE AREAS, AN EMERGENCY SPILLWAY MAY NOT BE NECESSARY. HOWEVER, AN OVERFLOW OUTLET MAY BE REQUIRED TO BE PROVIDED.

3. AN OBSERVATION WELL SHOULD BE INSTALLED AT THE LOWER END OF THE INFILTRATION TRENCH TO CHECK WATER LEVELS, DRAWDOWN TIME, SEDIMENT ACCUMULATION, AND CONDUCT WATER QUALITY MONITORING. FOR LARGER TRENCHES A 12″-36″ WELL CAN BE INSTALLED TO FACILITATE MAINTENANCE OPERATIONS SUCH AS PUMPING OUT OF SEDIMENT. THE TOP OF THE WELL IS TO BE CAPPED TO DISCOURAGE VANDALISM AND TAMPERING. PUBLIC INFILTRATION TRENCH REQUIRE A CLEANOUT TO BE INSTALLED AT END OF PERFORATED PIPE.

4. THE STONE AGGREGATE IS TO BE PLACED IN LIFTS AND COMPACTED USING PLATE COMPACTORS. THE MAXIMUM LOOSE LIFT THICKNESS IS TO BE 12″.


6. VOIDS BETWEEN THE GEOTEXTILE AND THE EXCAVATION SIDES MUST BE AVOIDED.

7. IF VERTICALLY EXCAVATED WALLS BECOME DIFFICULT TO MAINTAIN, USE TRAPEZOIDAL SECTION.

8. PER CCSWM BMP T5.108.