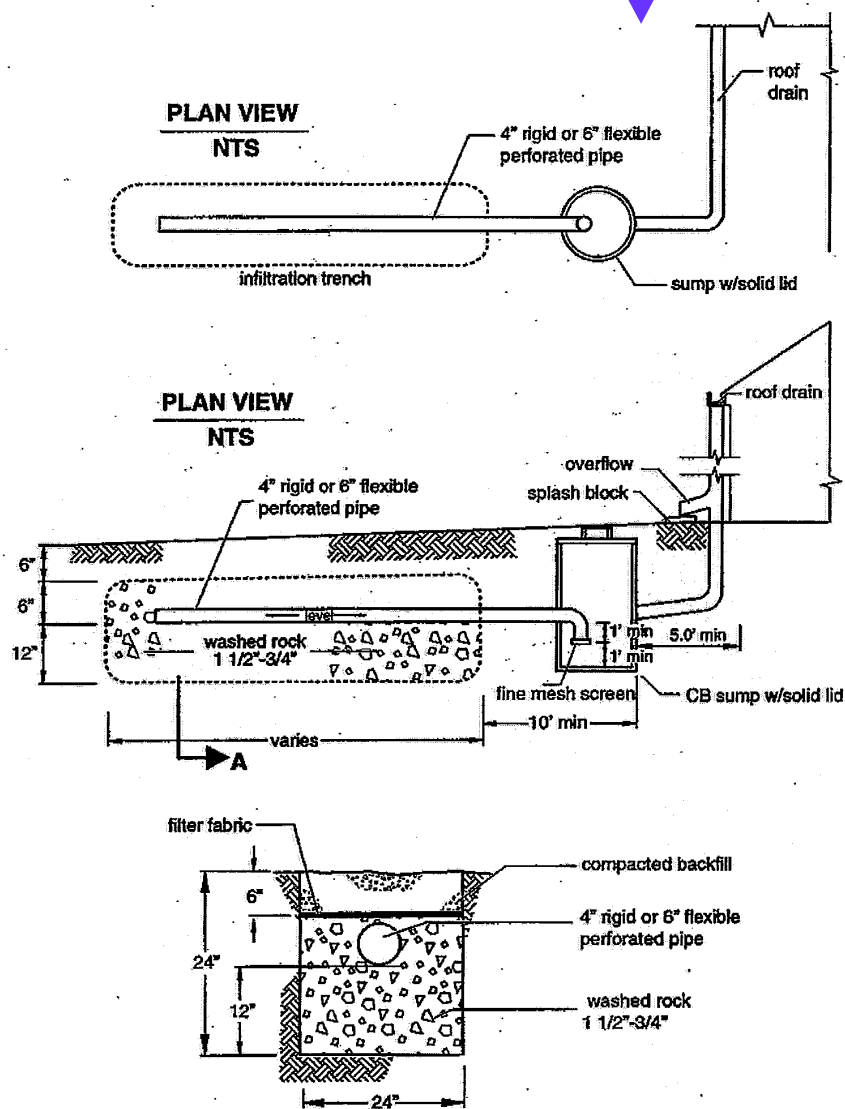


Downspout Infiltration Trench



Design Basics

Length:

In medium sand 30 ft / 1000 sf of roof area

In fine sand 75 ft / 1000 sf of roof area

In sandy loam 125 ft / 1000 sf of roof area

In loam 190 ft / 1000 sf of roof area

Maximum trench length must not exceed 100 feet from the inlet sump

Should not be placed on slopes greater than 25%

Should not be placed within 200' of a steep slope or a landslide area without a geotechnical analysis

May be placed under pavement if the end of the trench pipe is below the pavement elevation