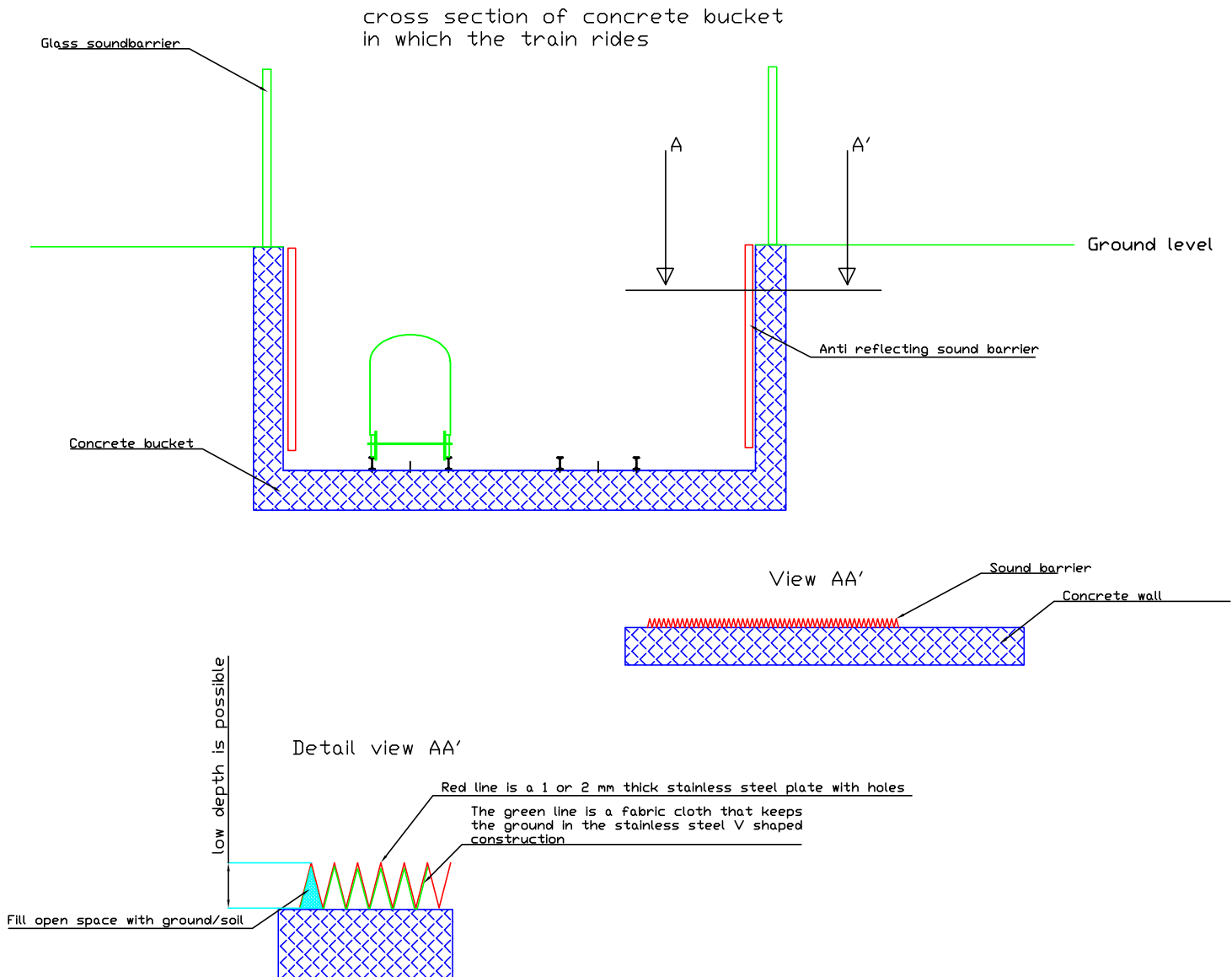


# Compact sound reducing wall to overcome sound reflections from the concrete walls

Within the community of Lansingerland lays part of the HSL train track. This track produces a lot of noise pollution due to the fact that produced sounds are reflected by the walls (and floor) of this construction. Due to this the hard (glass) soundbarriers make the situation even worse. To overcome this problem in a cheap and accurate matter underneath concept can be used. It is a sound absorbing construction.



This anti reflecting wall consists of thin stainless steel material that is bend sharply. Before this material is bend a lot of holes are made in it. Due to the sharp bend angle it is difficult for the sound to escape. Also due to the holes in this material all the sound will be led into this construction. In this case the ground will mute the sound, the ground is kept on its place by a fabric cloth. By mixing seeds with the ground this wall will soon be green covered. By using the right seeds pruning is not necessary.