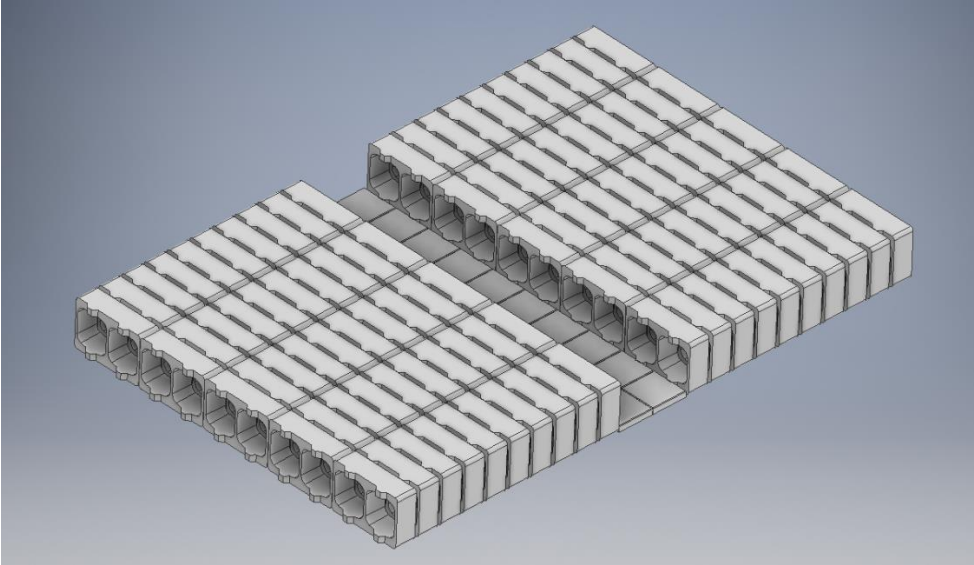


# Inspection and Maintenance Bufferblocks

The hollow spaces in the Bufferblocks can be inspected and cleaned with commonly used sewer inspection / cleaning equipment.

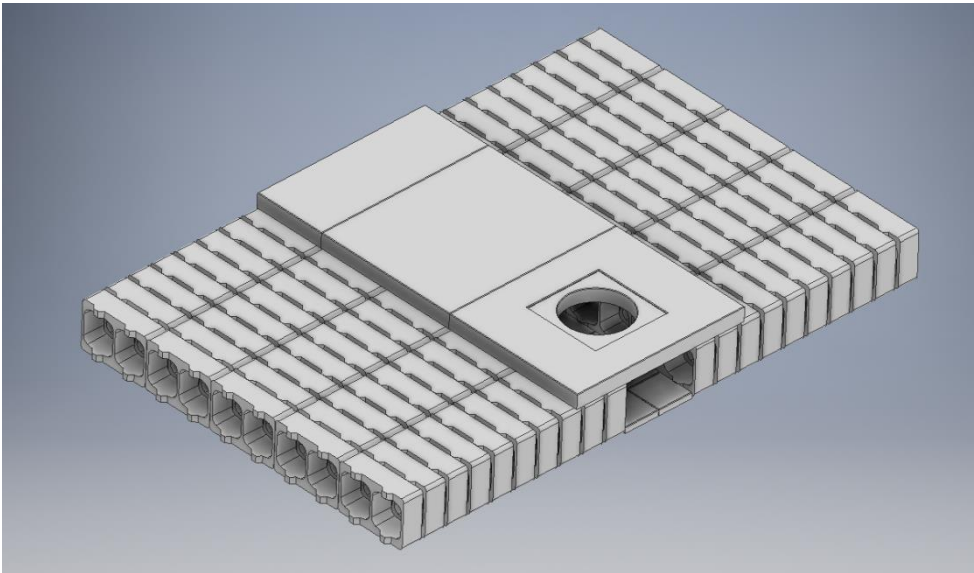


## Construction of the Bufferblock inspection trench



A trench of 60 cm wide ensures that all Bufferblock channels are accessible for commonly used inspection/cleaning robots.

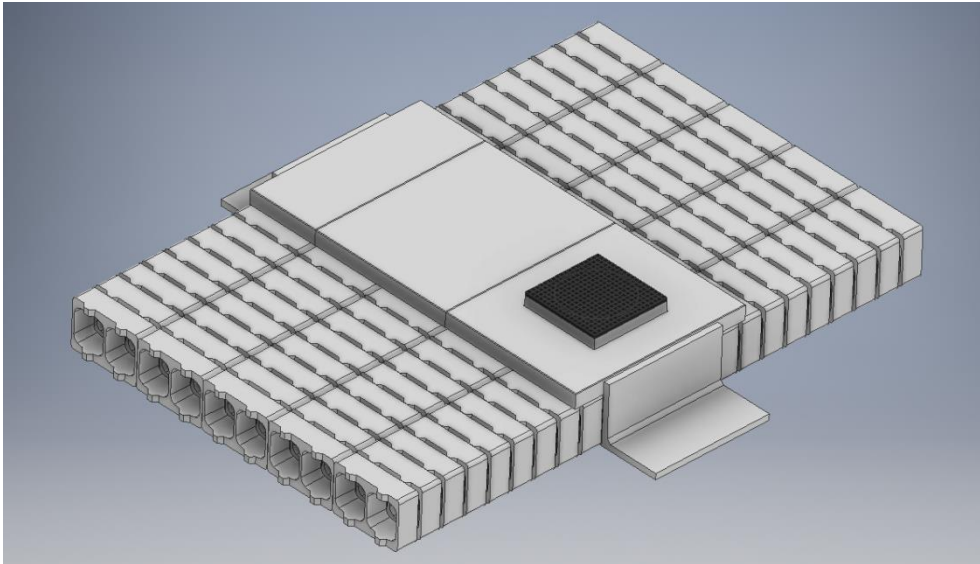
Standard concrete tiles (300 x 300 x 50 mm) are used on the bottom of the trench to prevent the Bufferblocks from shifting and to create a good level surface for the inspection equipment.



Reinforced concrete slabs of 1200 x 1500 x 120 mm are placed above the trench, with (if necessary) a fitting plate of 600 x 1500 x 120 mm.

One of the plates has a opening for a standard manhole with cast iron cover (dimensions 640 x 640 x 120 mm, manhole ø 520 mm).

The sides of the trenches are sealed with a standard 500 x 1000 mm cantilever wall.



The Bufferblocks are wrapped in with geotextile and covered with a sand/granular layer of at least 150 mm on top of the Bufferblocks and 30 mm on the concrete slabs.

Above the compacted and leveled sand/granular layer, the road surfacing is installed (eg concrete pavers).