Case study, Rainwater harvesting in "Schools of tomorrow"

Recently a rainwater harvesting system has been installed in the "School of tomorrow". This new school consists out of several buildings and schools, including a gym. The building next door is converted to a kindergarden. The total size of the project is approx.15.000 m². Interbuild NV-BAM Contractors nv is the construction company. The design has been made by L&A Architects and Engineers. Installation work has been done by the company Vliegen.

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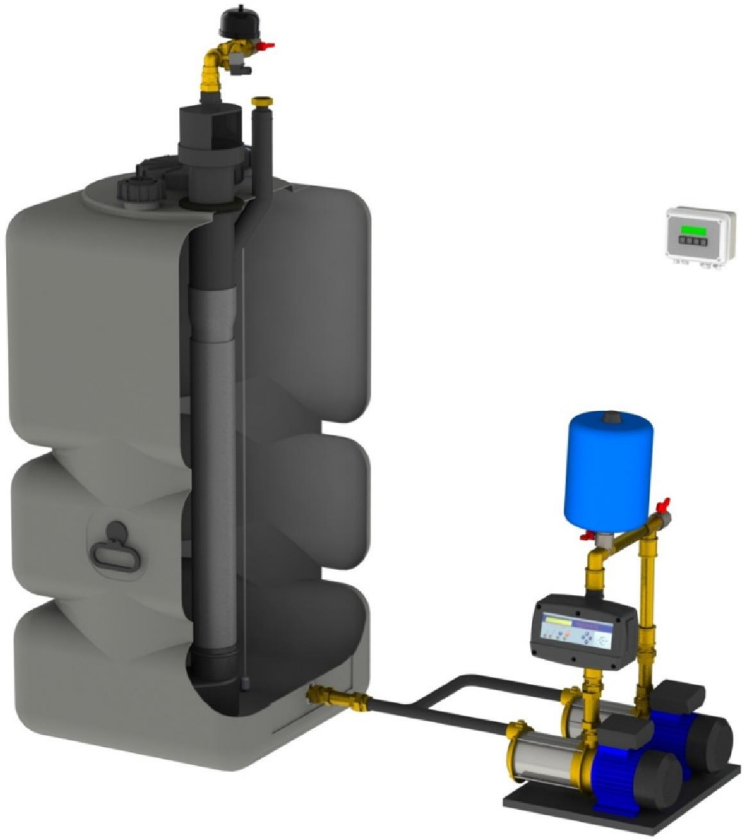
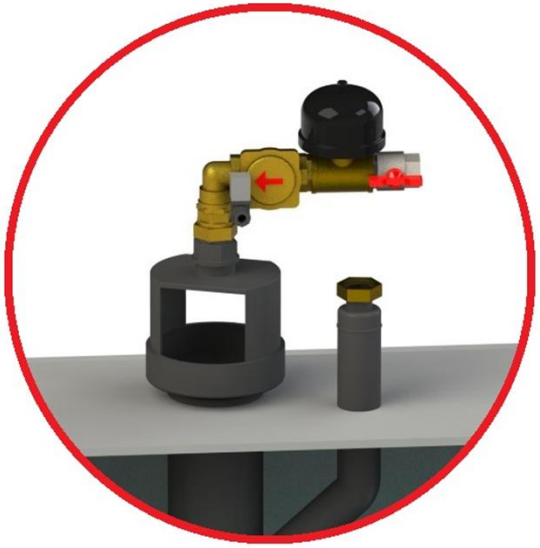
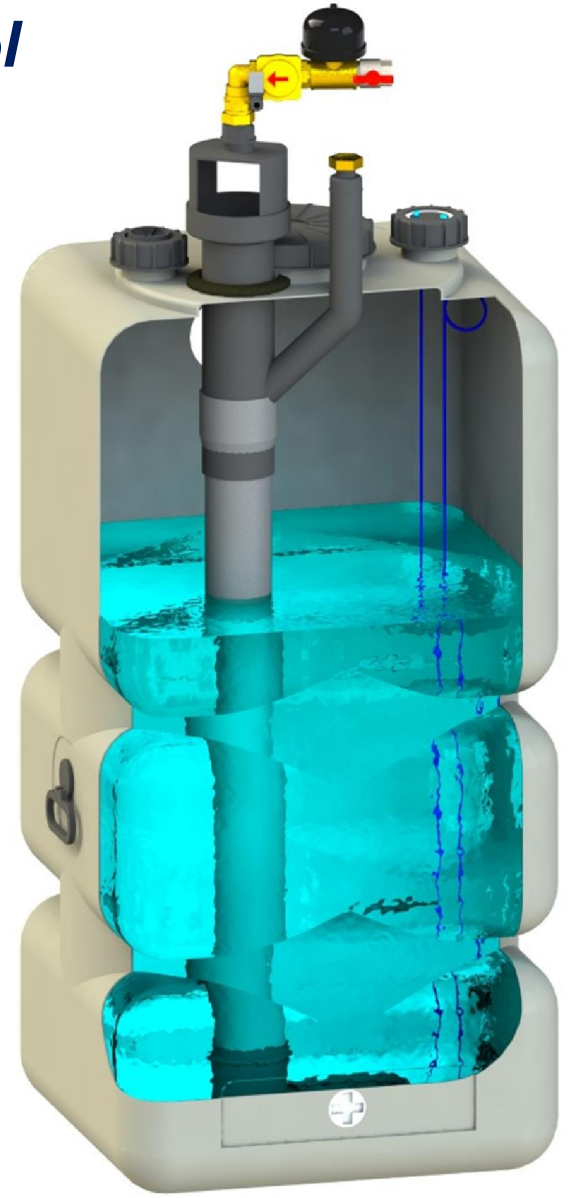


The school is equipped with a rainwater harvesting system wich provides all the toilets in the school with filtered rainwater. Thiis covers the use of the 1.450 children.

Case study, Rainwater harvesting in school

Detail: type AA beveiliging





The rainwater harvesting system consists out of a KIWA- and Belgaqua certificated systemtank of 690 liter and a systemcontrol for the (automatic) supply of mainswater.

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Scheme of the system with boosterpump, double pump-system, mainswater hybrid tank and rainwater tank.

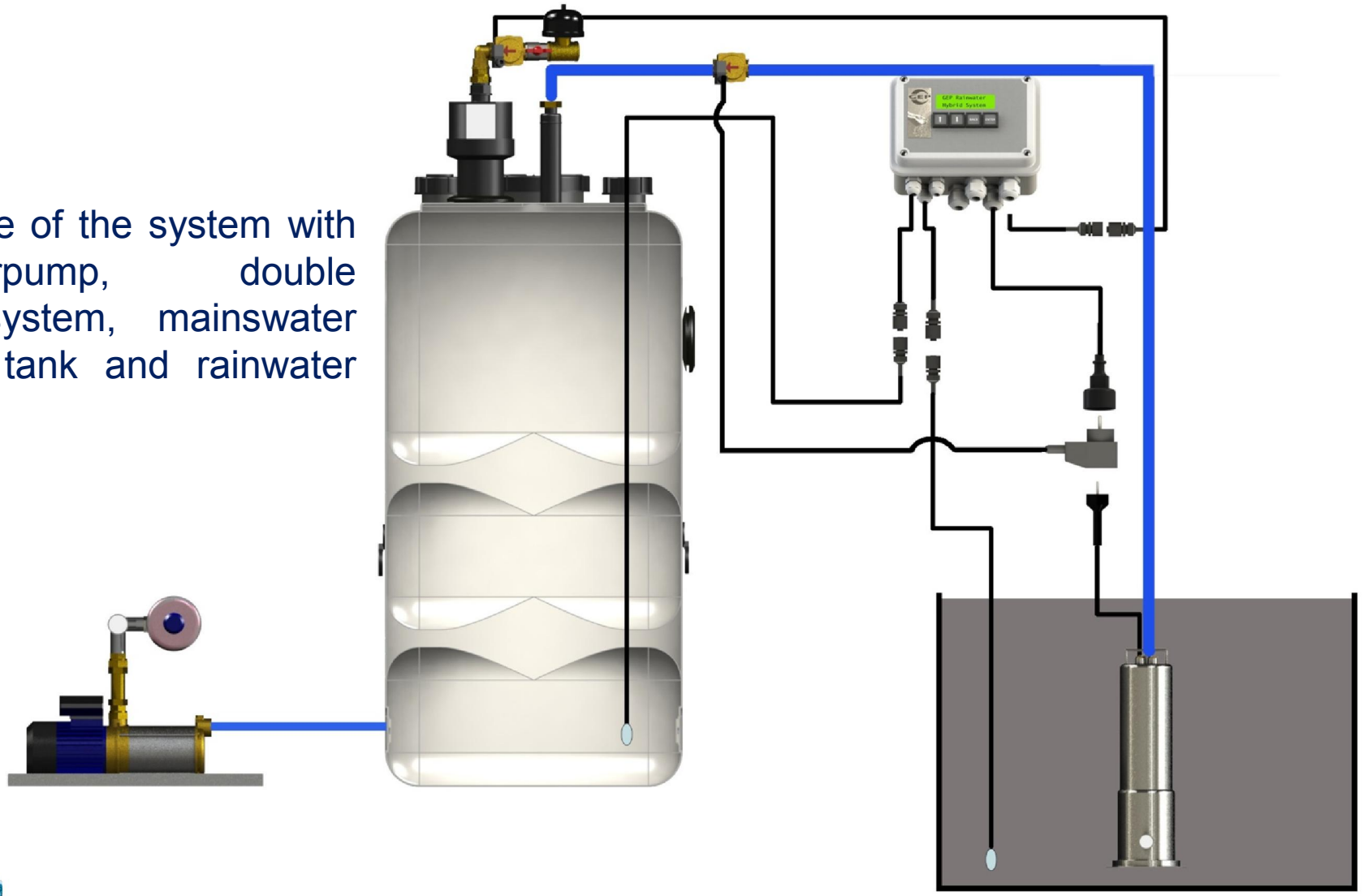

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Photo left: four underground concrete rainwater tanks of 20.000 Liter each.vier
Photo middle: systemcontrol with LCD-display, multi language
Photo right: double pumpsystem, prefab and plug-and-play delivered