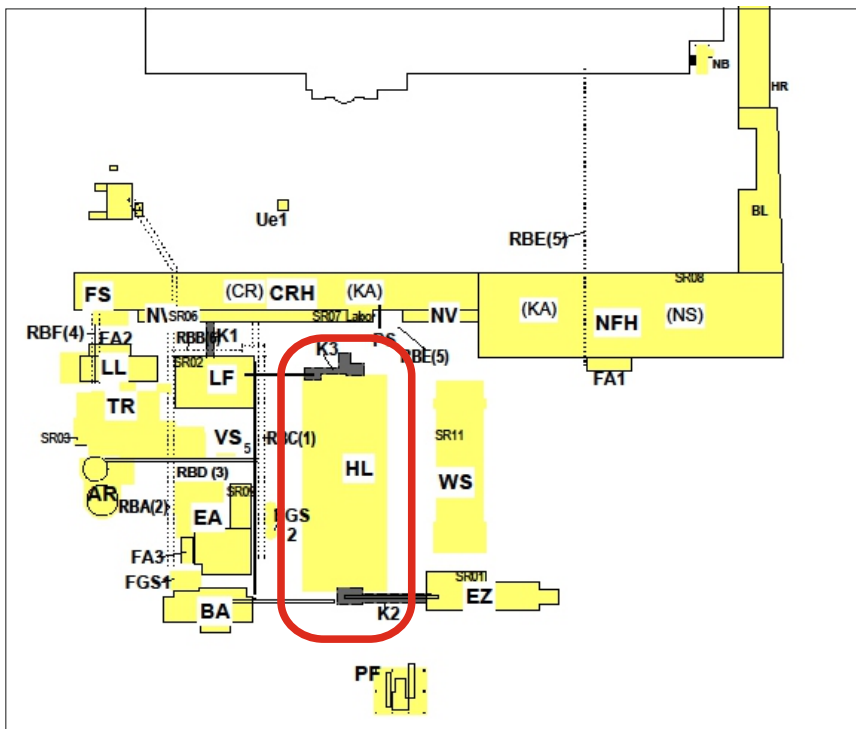


HL woodchips storage

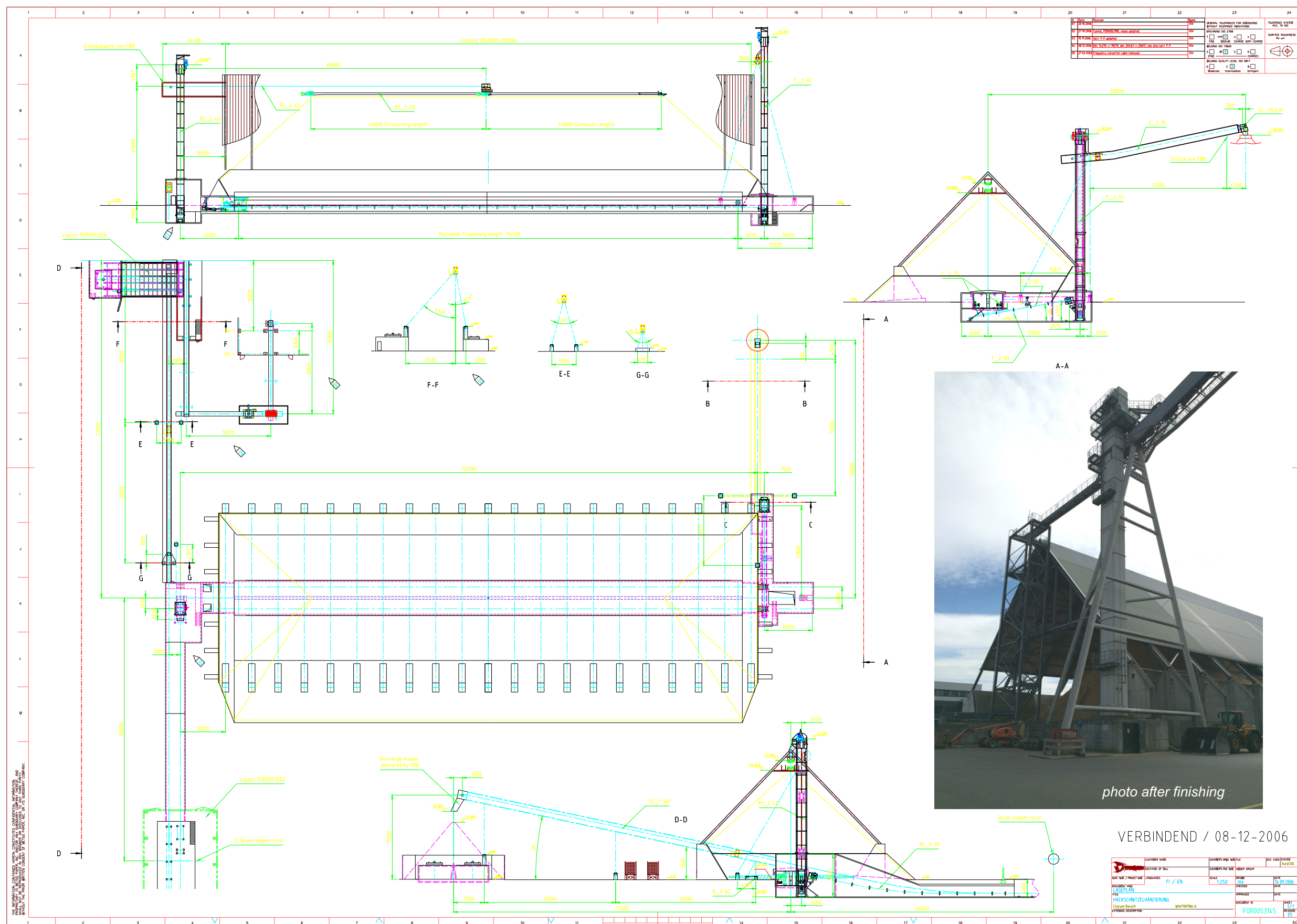
The about 120m long woodchip storage can carry a production volume of woodchips of three days. On a conveyor under the roof the woodchips are carried to a dump. Through discharge screw conveyors on top of the base plate the woodchips are pulled inside onto another conveyor in the discharge-canal. They are then transported to the glue and fiber preparation (LF) for further processing.

Special construction requirements:

- The woodchip storage is constructed to be able to close the roof to minimize wind drift.
- The discharge devices are carried by a steel-concrete-mushroom-construction, that also has to carry the whole uneven woodchips bearing load.

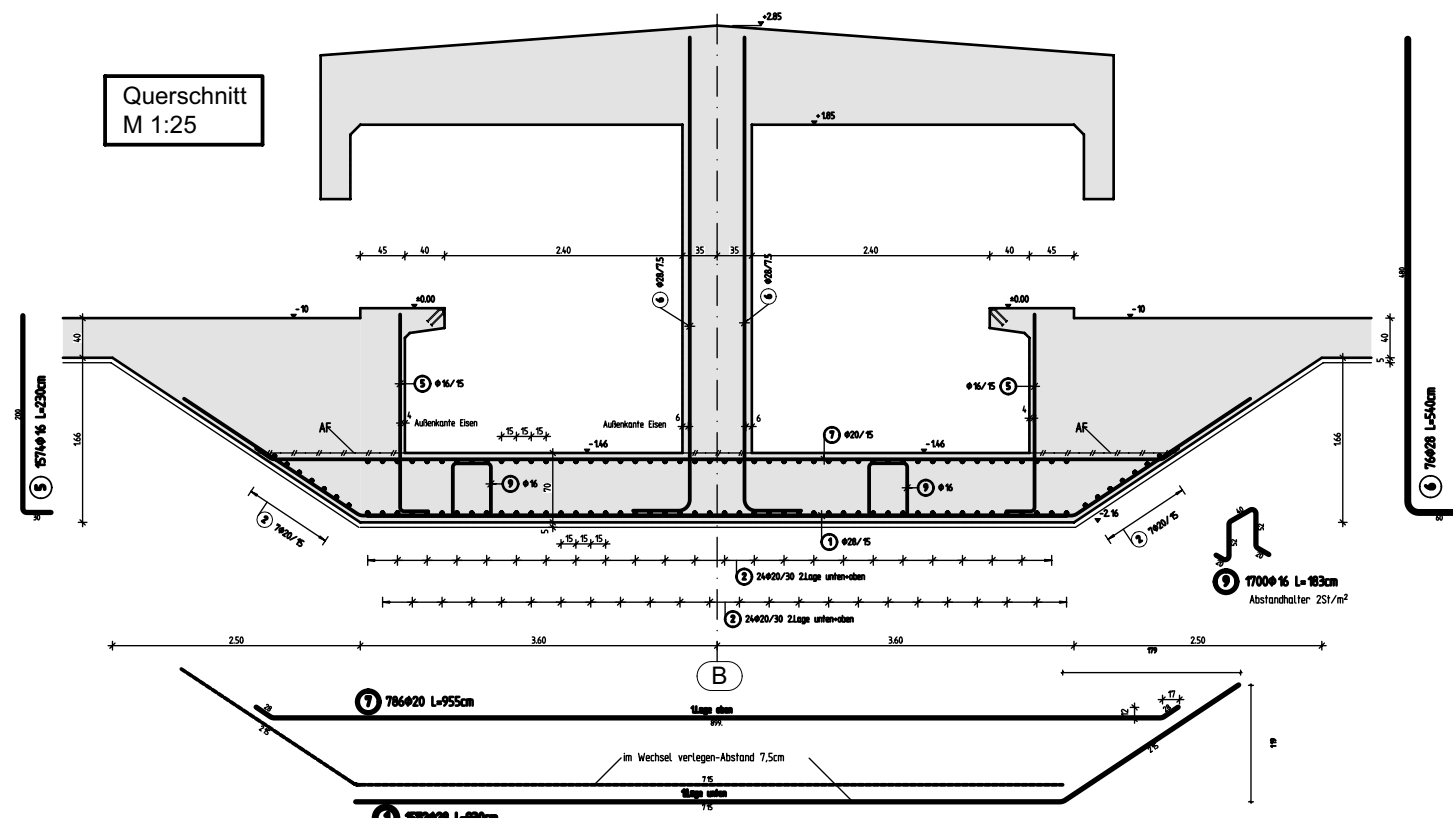


woodchips storage

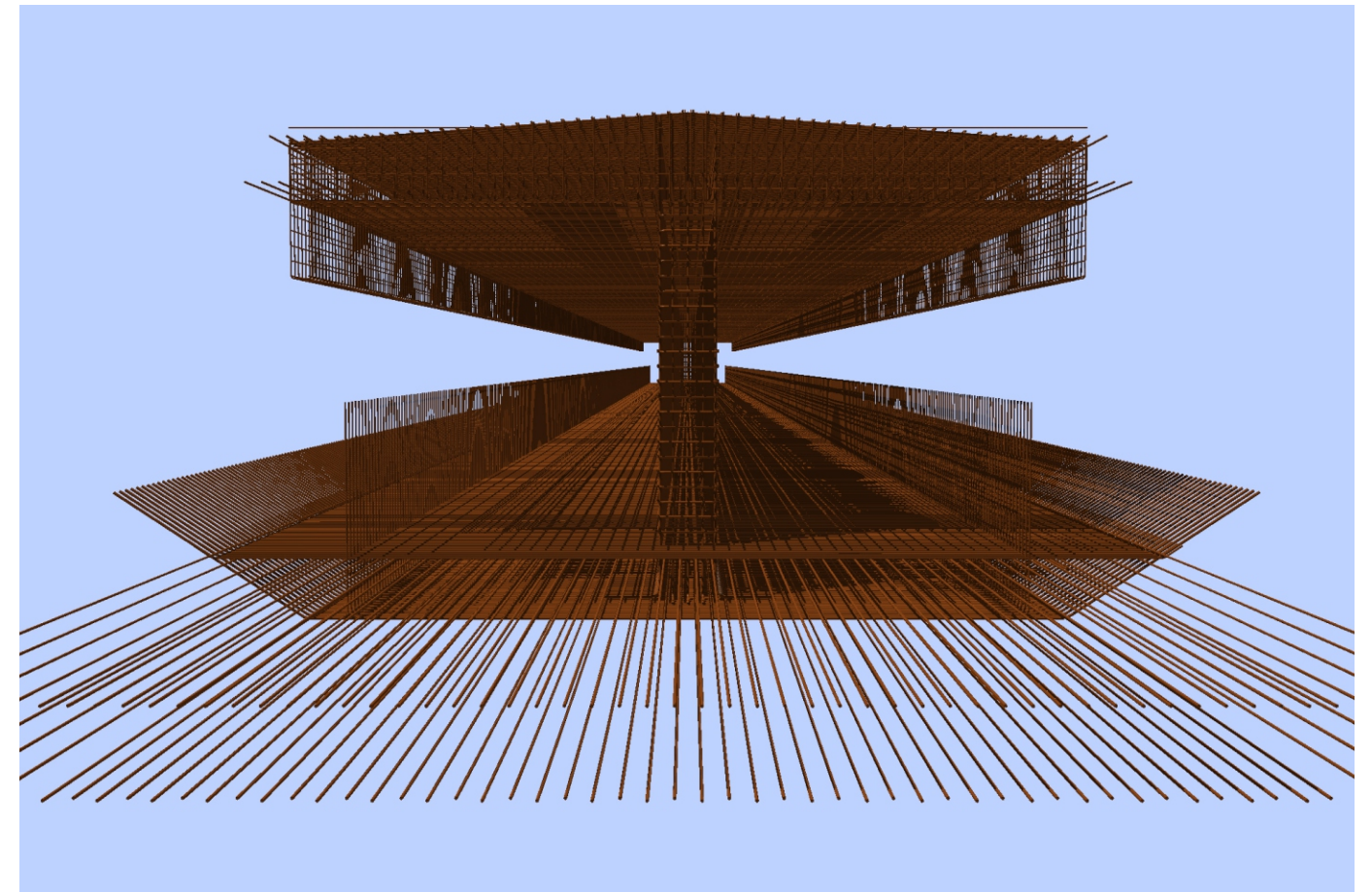


layout overview of the machine manufacturer Metso

discharge-canal in the woodchips storage



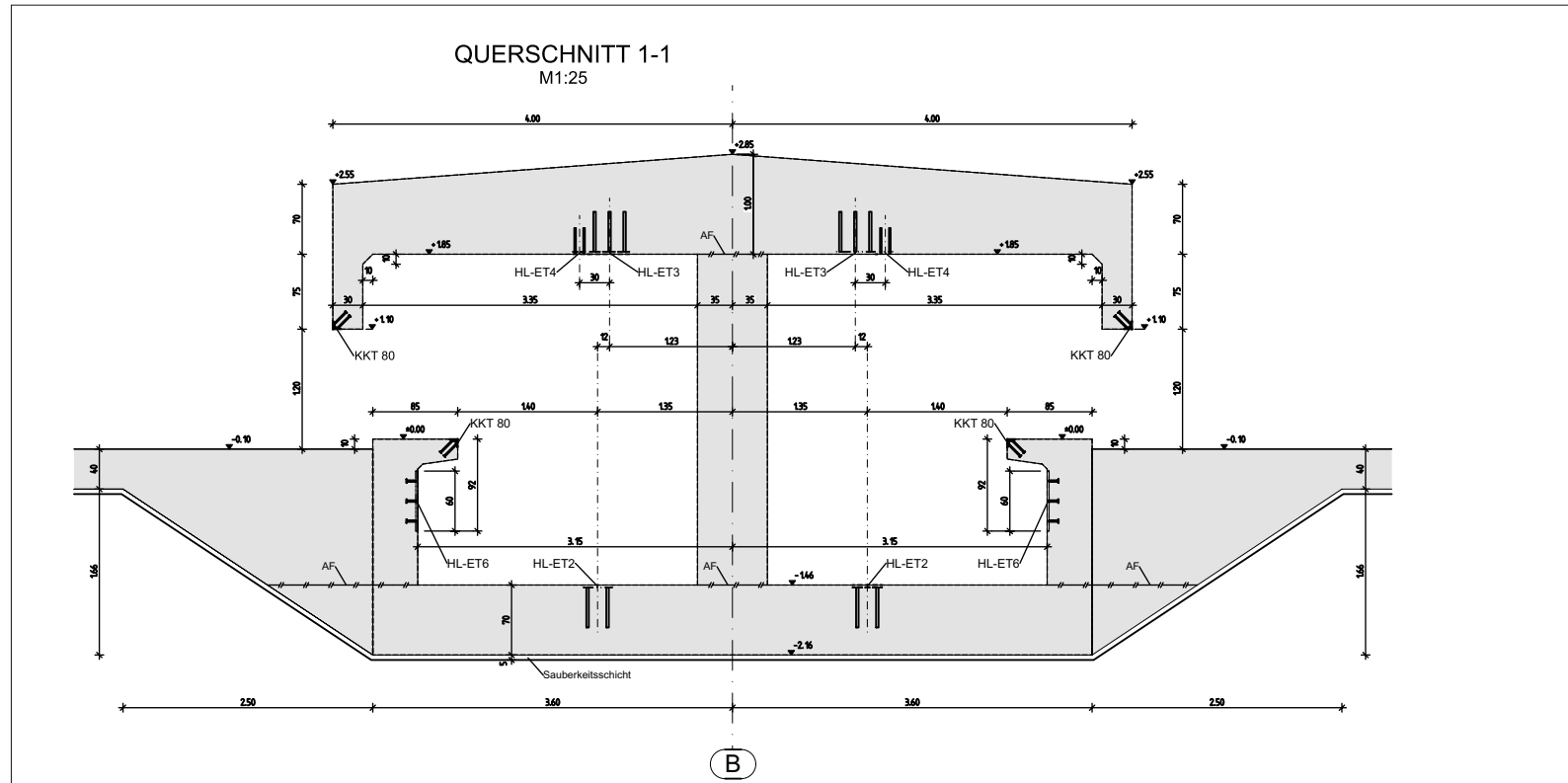
part of the reinforcement plan for the base plate discharge-canal



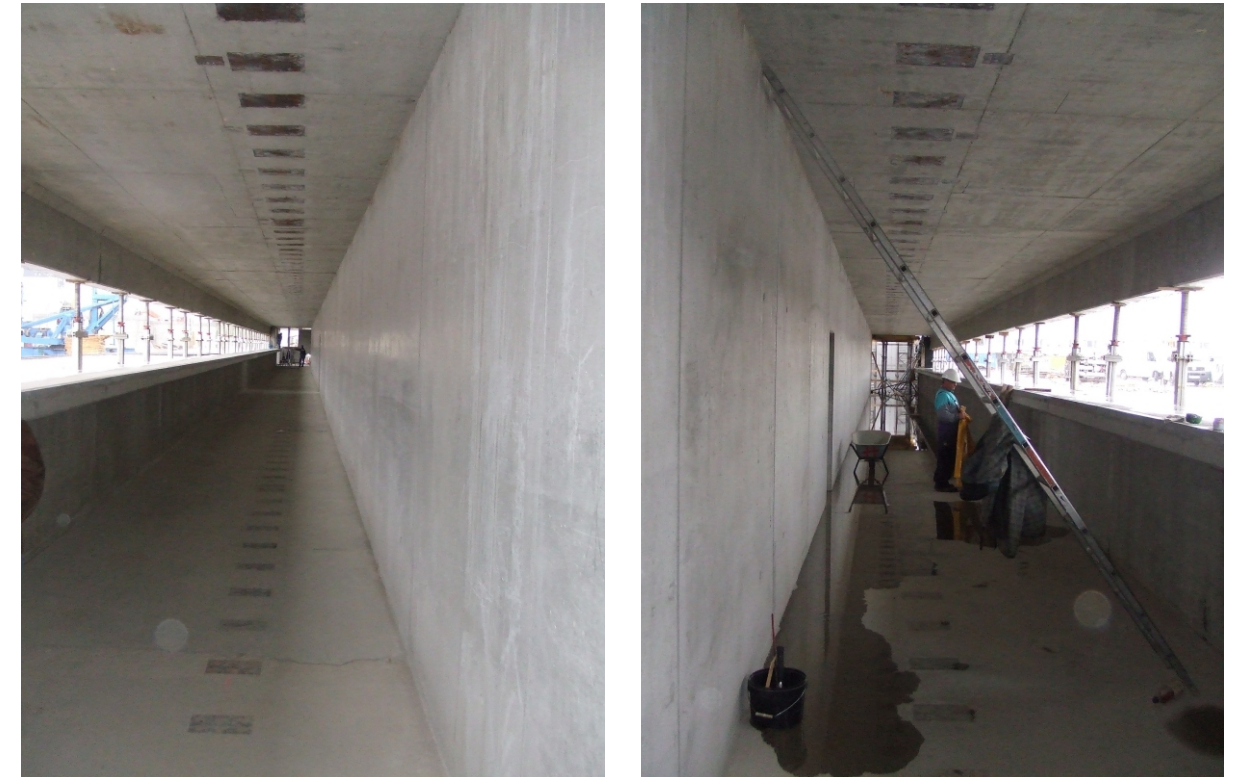
animaton of the 3D reinforcement with Nemetschek Allplan



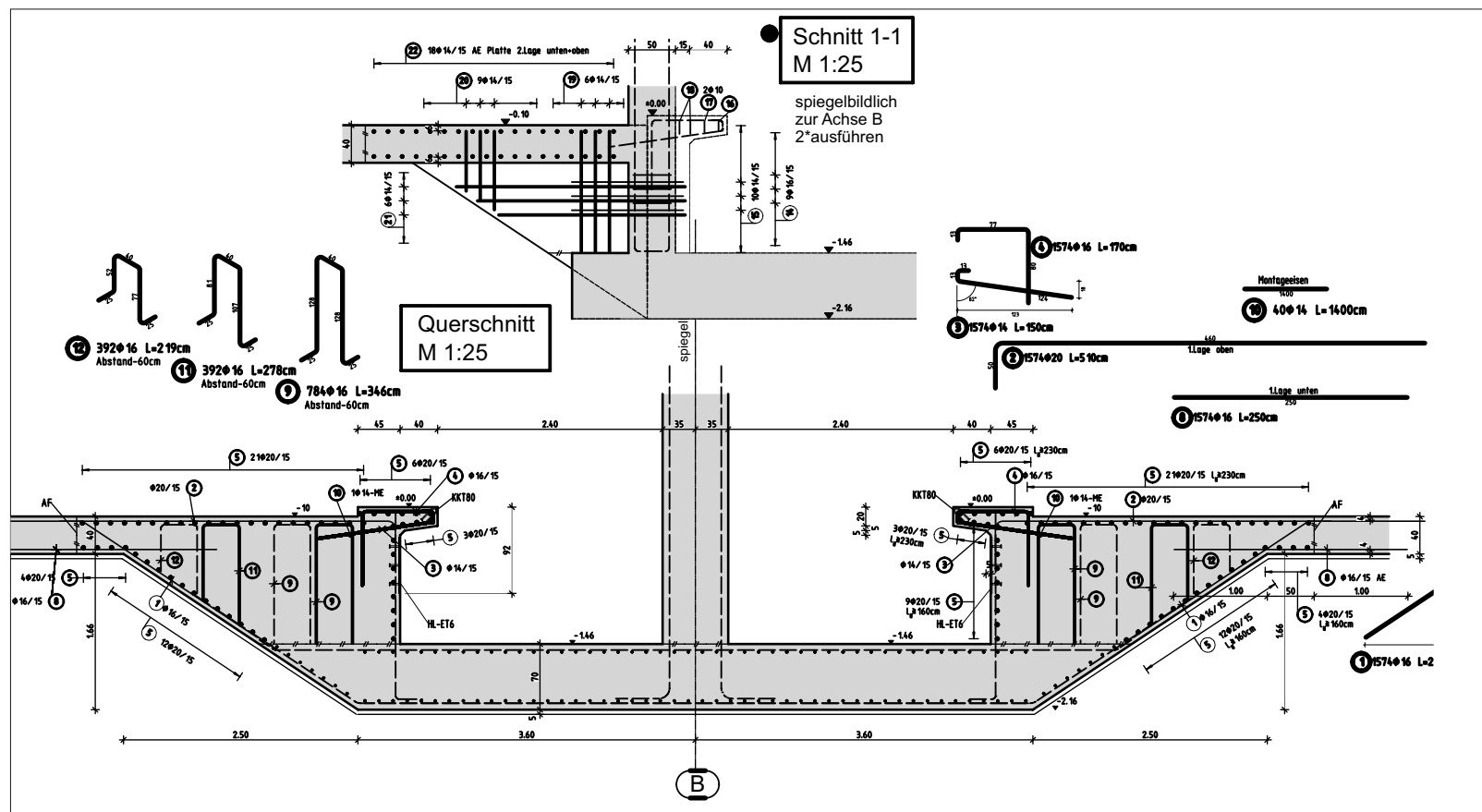
photos of the reinforcement work of the base plate discharge-canal



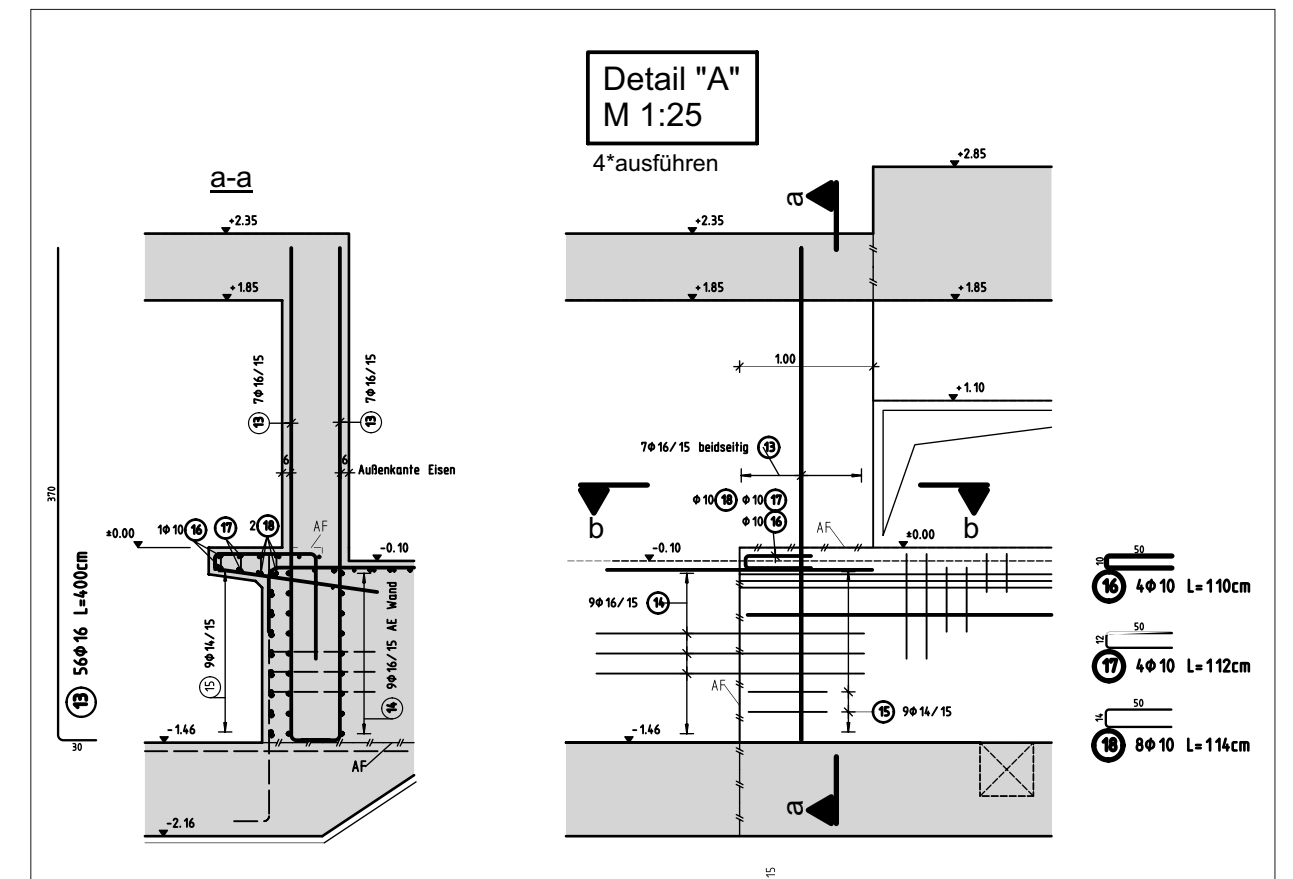
part of the formwork drawing discharge-canal



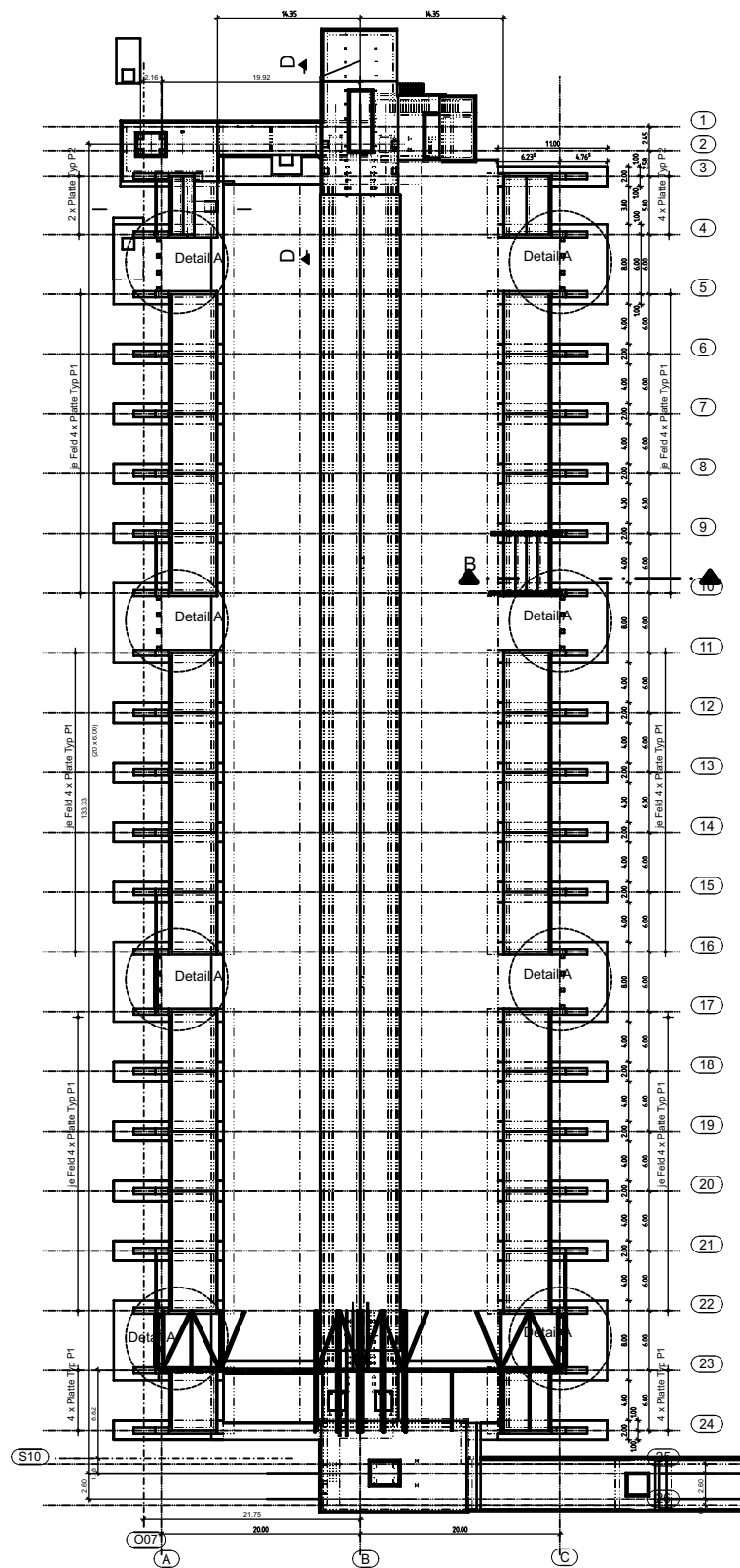
photos discharge-canal left, right



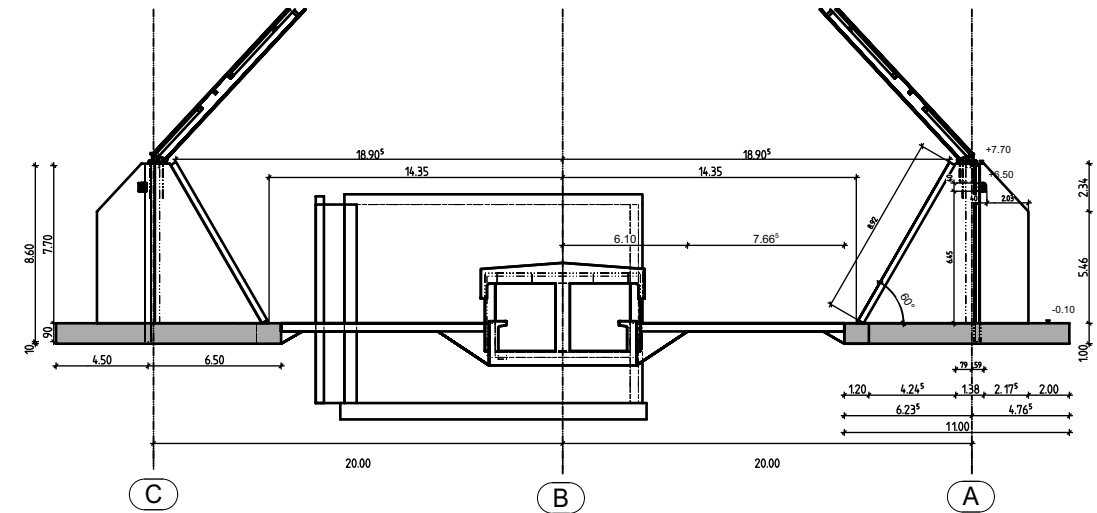
part of the reinforcement plan upstand of the base plate



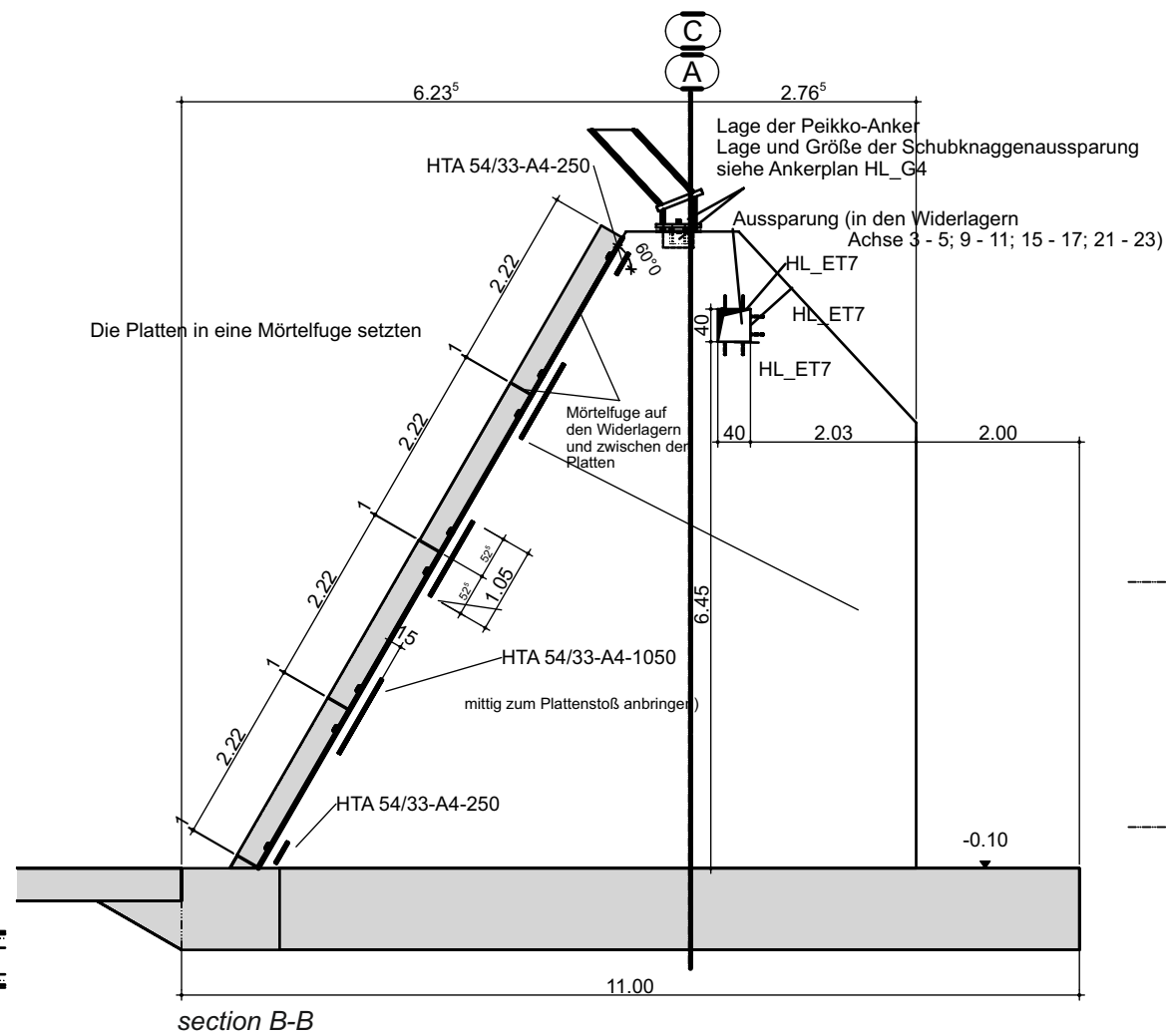
detail upstand



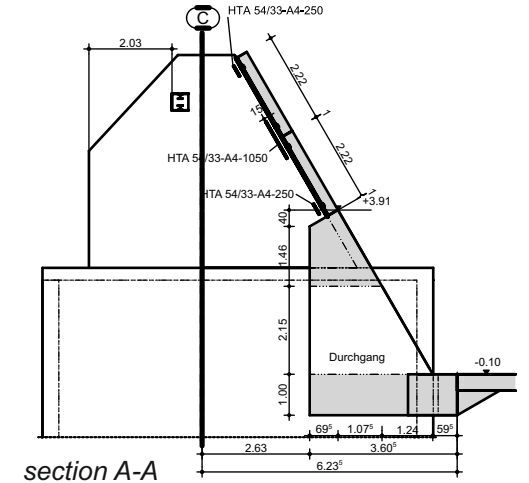
top view



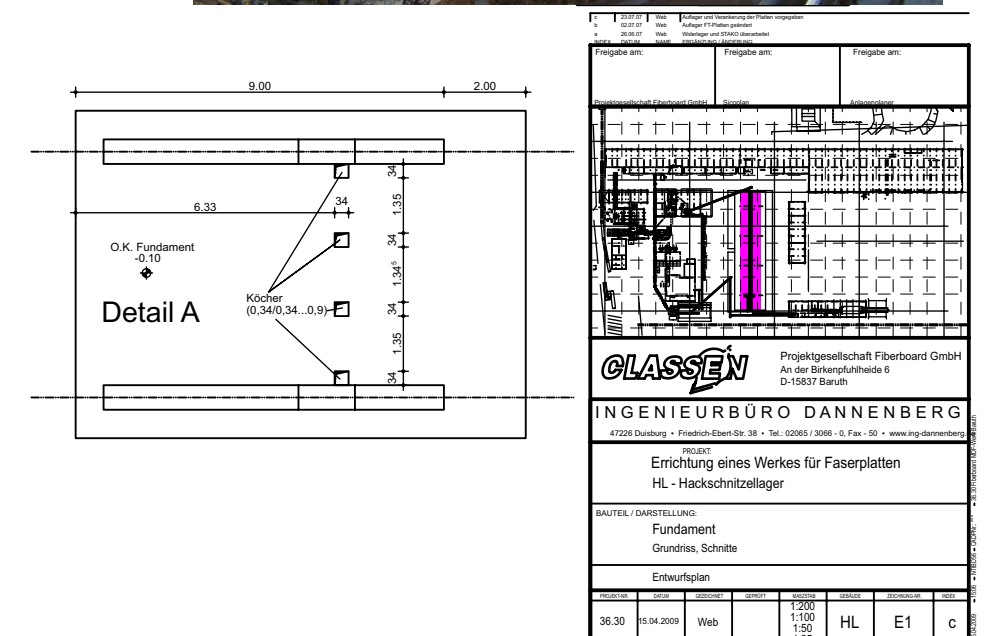
section C-C



section B-B

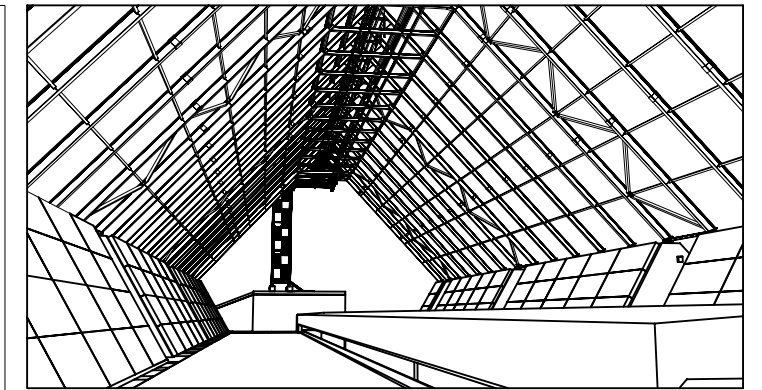
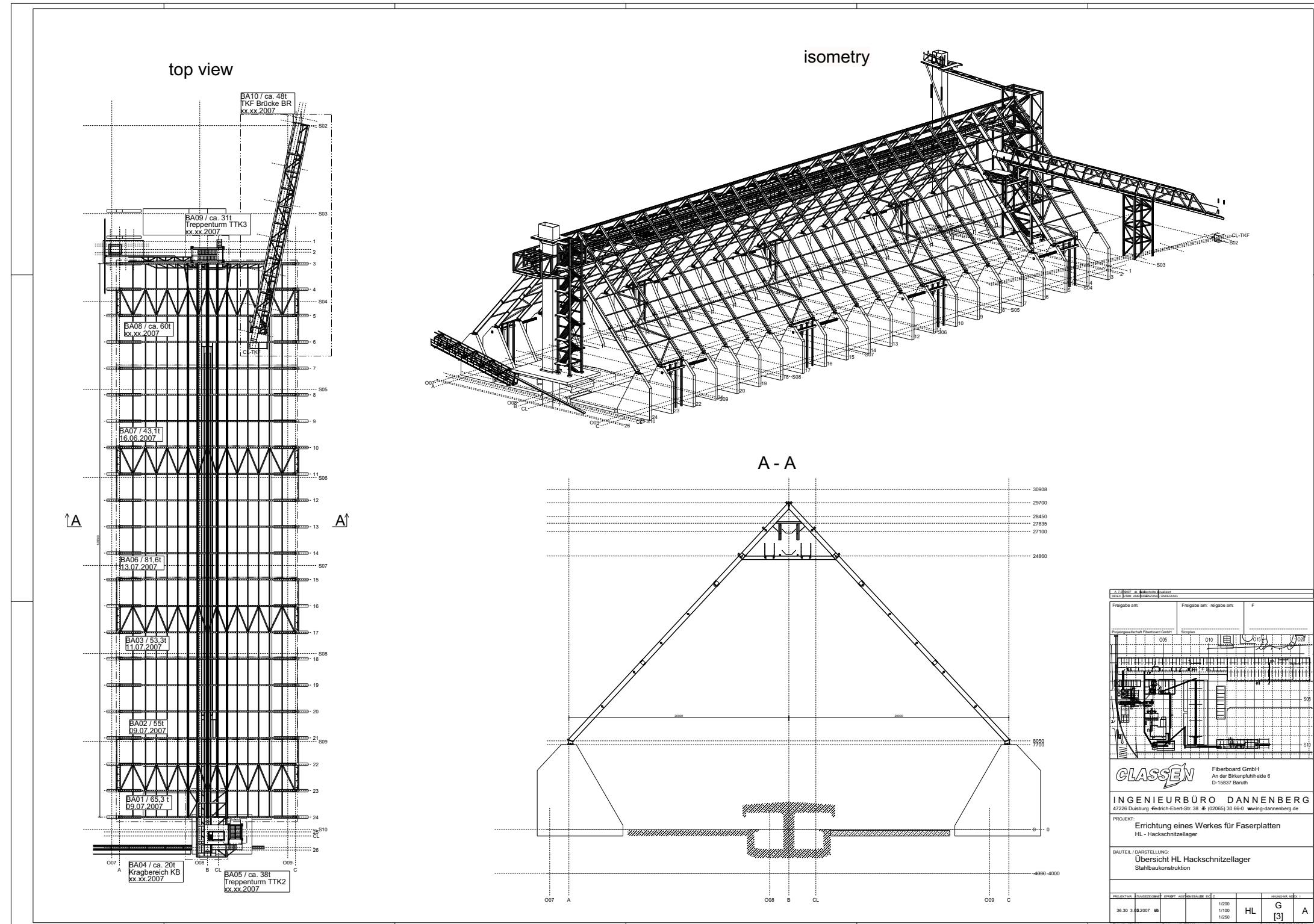


section A-A

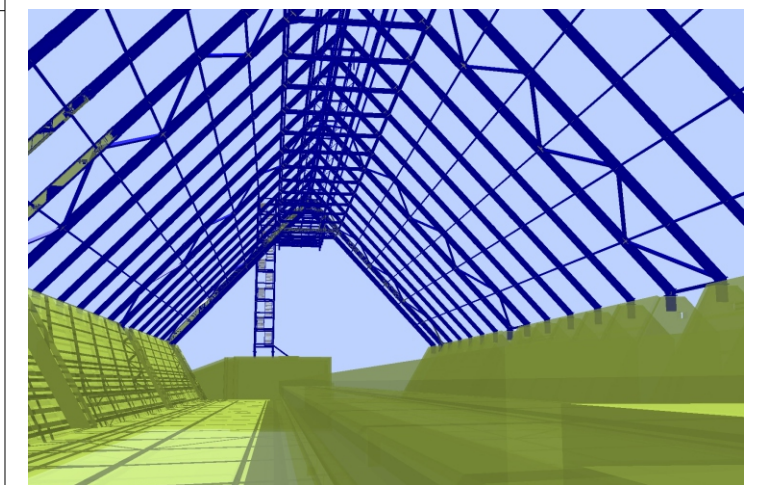


foundation overview

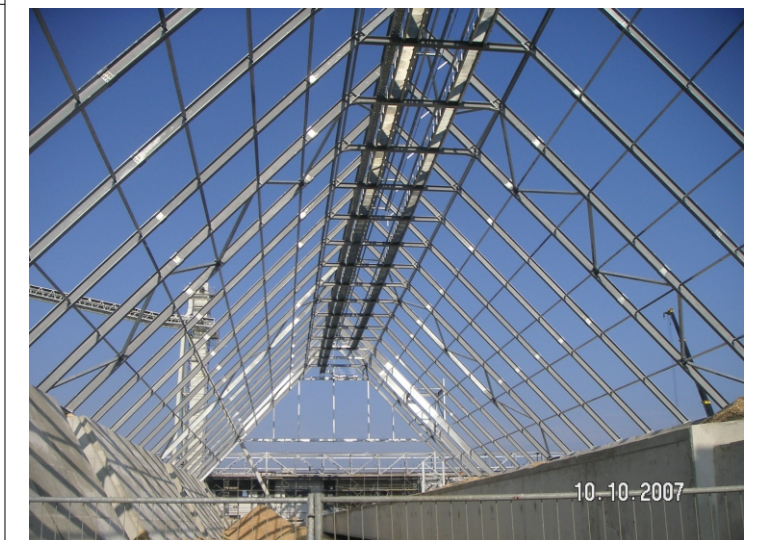
steel structure design



3D view of the steel structure



model of the steel structure



steel structure during assembly

overview steel structure