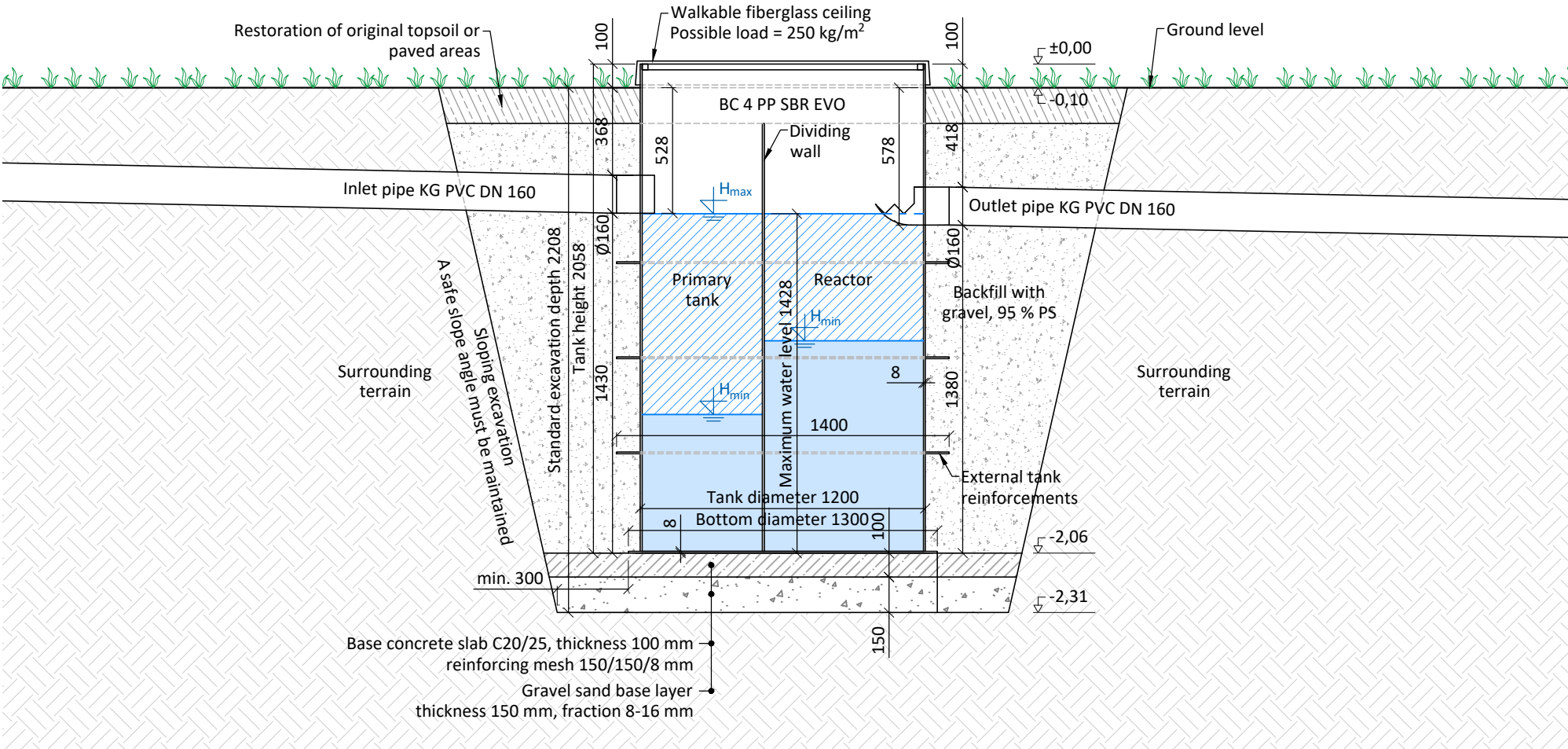
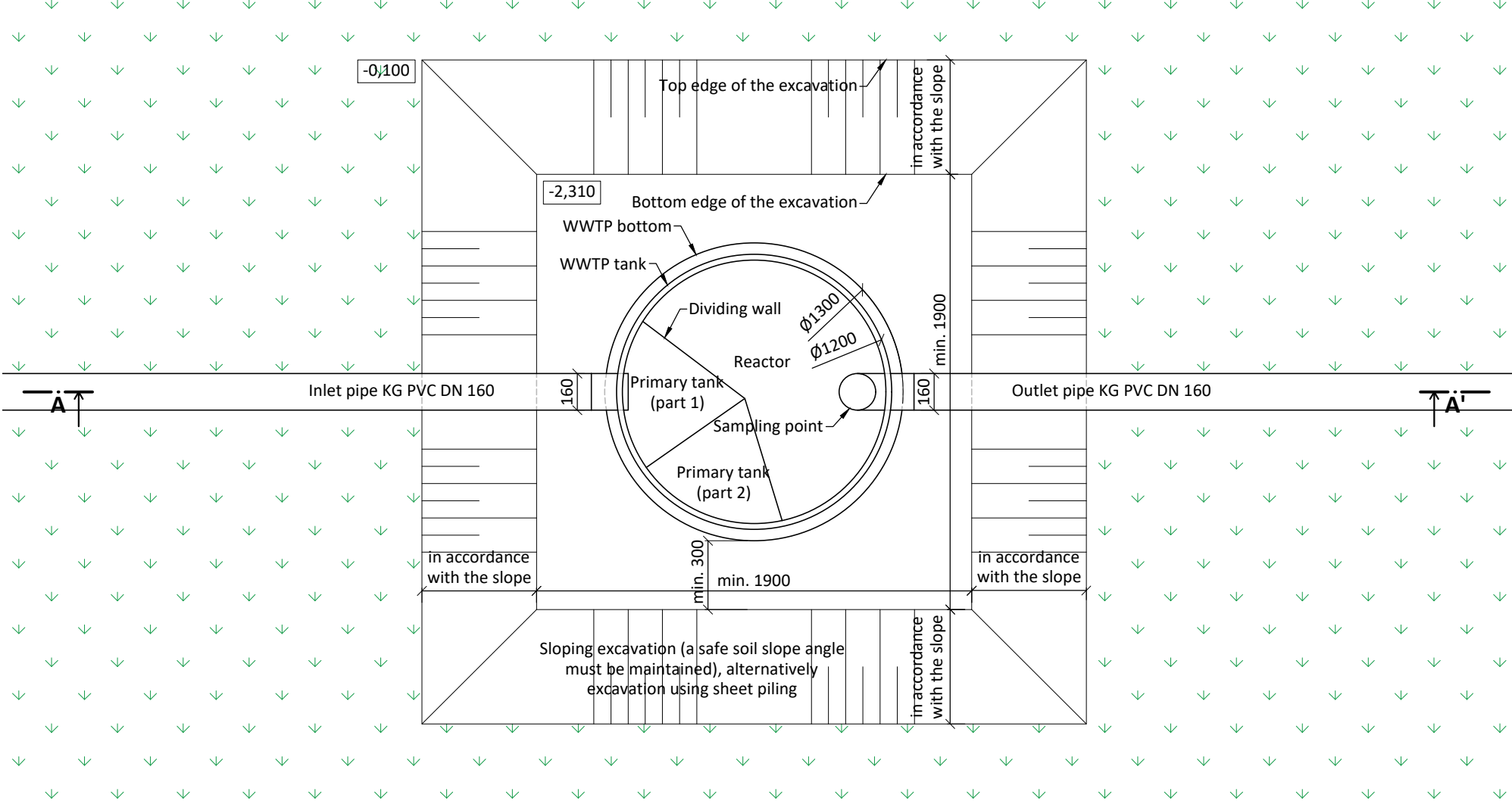


SECTION A-A'



FLOOR PLAN



VOLUME PARAMETERS - BC 4 PP SBR EVO	
Total volume of water in the WWTP tank:	1,58 m³
Primary zone volume:	0,51 m³
Reactor volume:	0,93 m³
Emergency retention volume:	0,14 m³

TECHNICAL PARAMETERS - BC 4 PP SBR EVO	
Outer WWTP tank diameter (without / with reinforcement):	1200 / 1320 mm
Total WWTP tank height:	2058 mm
Maximum water level height (from the base slab level):	1428 mm
Height of the inlet / outlet pipe bottom (from the base slab level):	1430 / 1380 mm
Diameter of the inlet and outlet pipes:	KG PVC DN 160
Maximum weight of the WWTP tank:	135 kg
Installed blower power input:	40 W
Voltage / fuse protection of the WWTP supply cable:	230 V / 10 A
Power supply cable type:	CYKY-J 3x2,5 mm²
Maximum length of the power supply cable (otherwise consult):	50 m
Average hydraulic load:	0,48 m³/day

- NOTES:**
- All dimensions, heights and elevations must be verified directly on site.
 - It is necessary to follow the instructions for storage, transport and handling of the WWTP tank. Installation and assembly must be carried out according to the installation documents and manuals of the WWTP manufacturer and other technological elements.
 - The excavation pit should be constructed sloping. The slope angle of the excavation walls must be designed to ensure a safe slope angle and to avoid the risk of landslides. Excavation material cannot be stored near the edge of the excavation.
 - Instead of a sloping excavation, an excavation with shoring (sheeting) can be used.
 - In the case of the WWTP placement near any foundations of existing buildings, static securing of the walls of these buildings is necessary.
 - The WWTP tank is placed on a reinforced concrete base slab. The required flatness of the base slab is 2.0 mm/2.0 m.
 - The WWTP tank is self-supporting and intended for backfilling. Sharp-edged gravel must be used as backfilling material.
 - In case of a risk of elevated groundwater levels, it is necessary to concrete the tank with waterproof concrete of minimum class C30/37 XA1. The construction joint must be sealed appropriately, for example by inserting water-swelling sealant (cord), sheet metal, etc.
 - When backfilling or concreting the tank, it is necessary to ensure that the external and internal pressures on the tank are balanced. During concreting or backfilling of the WWTP, it is necessary to fill all zones of the tank evenly with water. The maximum height difference between the backfill/concrete layer and the water level must not exceed 30 cm around the entire circumference of the tank.
 - The tank is not designed for additional loads, e.g. for moving vehicles. If necessary, the tank must be statically secured, e.g. by concrete.
 - If it is necessary to place the WWTP in a greater depth, the tank can be retrofitted with an extension ring. When using the extension, it is necessary to concrete the bottom part of the tank.

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CONSTRUCTION READINESS DRAWING
WWTP BC 4 SBR EVO

SPACE FOR DESIGNER'S TITLE BLOCK