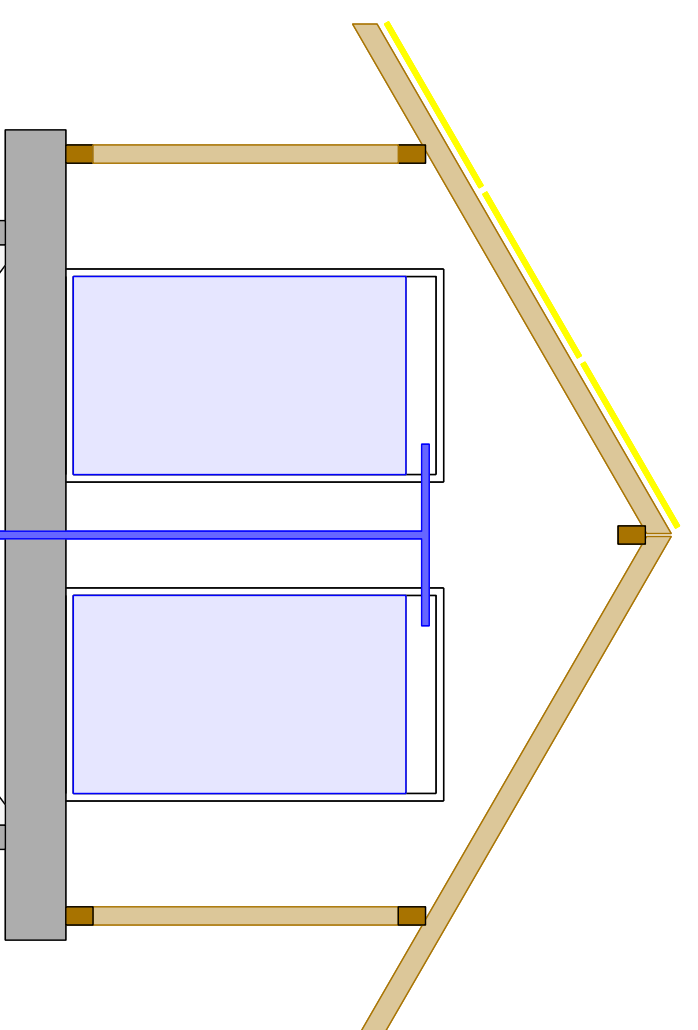


# Water Tongolo, Uganda

## 2,000 persons

Solar panels roof (south only)

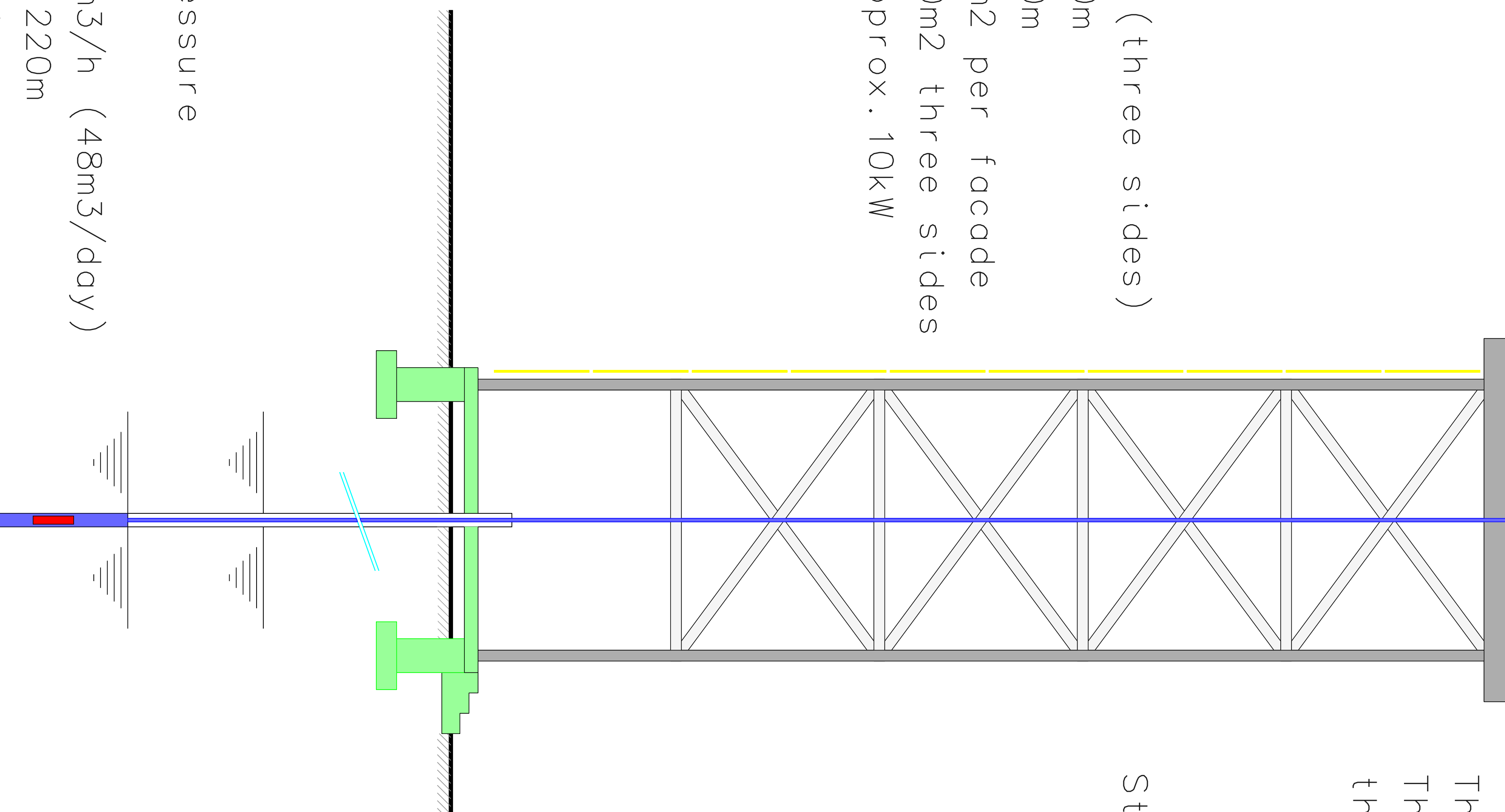
Length 6.70m  
Width 3.50m  
Area approx. 24.00m<sup>2</sup>  
Electrical power approx. 2.40kW



Two water tanks  
Length 3.50m  
Width 1.40m  
Height 2.50m  
Volume approx. 12.00m<sup>3</sup> per tank  
Volume approx. 24.00m<sup>3</sup> total  
Thermal insulation  
The platform is about 18m  
the ground.

Steel framework

Solarpanels facade (three sides)  
Height 14.20m  
Width 3.50m  
Area approx. 50.00m<sup>2</sup> per facade  
Area approx. 150.00m<sup>2</sup> three sides  
Electrical power approx. 10kW



Underwater high pressure  
Groundwater pump  
Delivery rate 2.00m<sup>3</sup>/h (48m<sup>3</sup>/day)  
Förder head max. to 220m  
Electrical power 3kW  
Electrical voltage 400 V  
Type: Grundfos SP 3A-45

Planning

Markus Wüthrich

Civil engineer

Auweg 50

3627 Heimberg

Switzerland

++41 79 913 85 00

mar65kus@bluwin.ch

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