

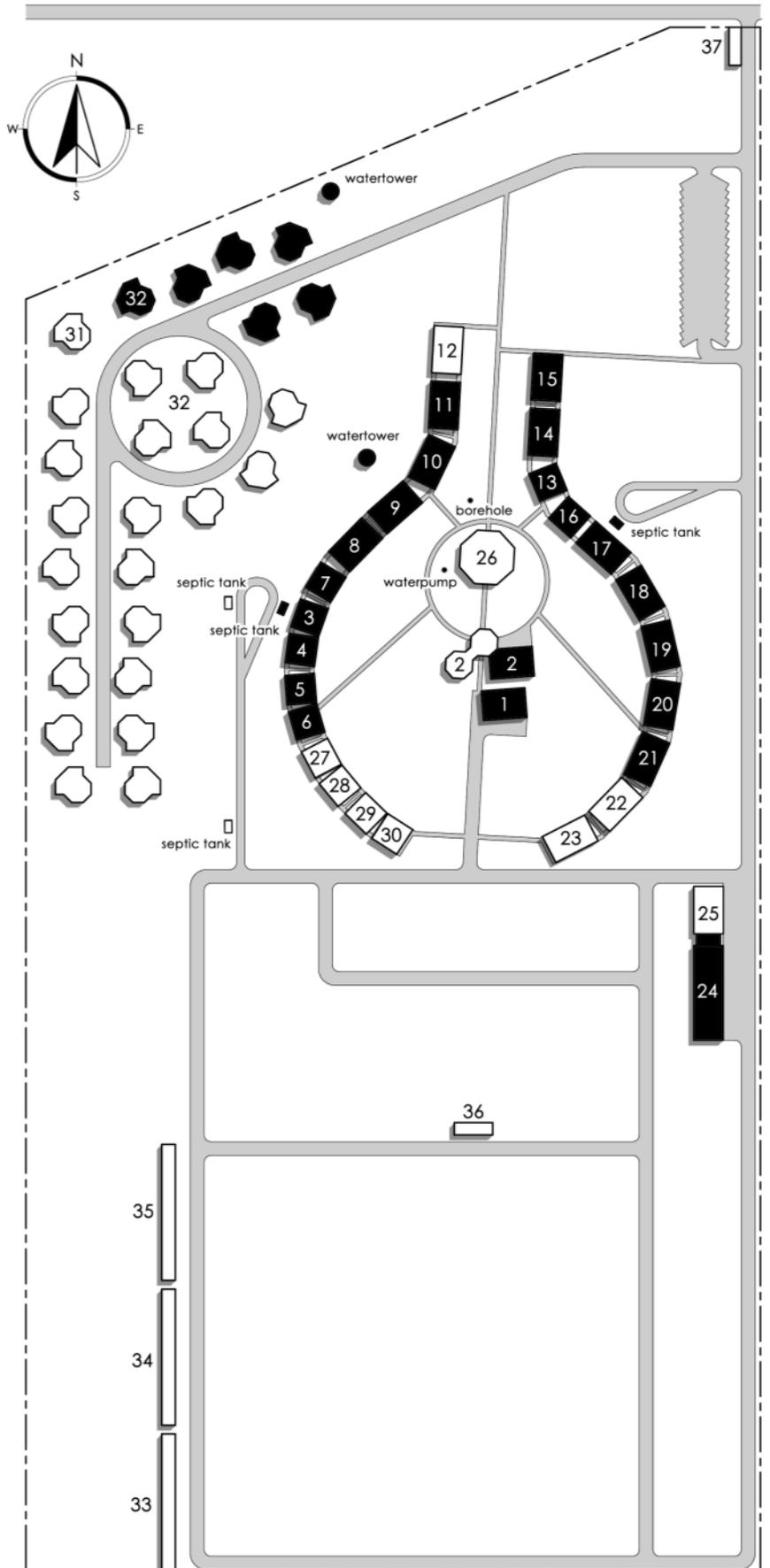


Report VTC 30th of April 2014

- 1 Storage Room
- 2 Kitchen and Restaurant
- 3 Classroom 1
- 4 Classroom 2
- 5 Classroom 3
- 6 Classroom 4
- 7 Sanitary Girls
- 8 Boarding Girls 1
- 9 Boarding Girls 2
- 10 Computerroom
- 11 Library 1
- 12 Library 2
- 13 Administration 1
- 14 Administration 2
- 15 Teachers Room
- 16 Sanitary Boys
- 17 Boarding Boys 1
- 18 Boarding Boys 2
- 19 Practical 1
- 20 Practical 2
- 21 Practical 3
- 22 Practical 4
- 23 Practical 5
- 24 Carpentry Workshop
- 25 Auto Mechanics Workshop
- 26 Auditorium
- 27 Classroom 5
- 28 Classroom 6
- 29 Classroom 7
- 30 Classroom 8
- 31 Principal House
- 32 Teacher Houses
- 33 Piggery
- 34 Poultry
- 35 Cattle Shed
- 36 Laboratory and Waterbassin
- 37 Reception Building

Phase 1

Phase 2



Dear board members GKMT and GCMF,

Following you'll find my last monthly report for now on the activities at the VTC.

As you all know we had to stop construction activities for an indefinite period until the financial means are sufficient enough for continuation. The past month we have been partly building on with available materials and partly preparing the plot for the impasse. These preparations contain preparing the ground (slashing grasses, creating a firebreak and cleaning) and preparing the constructions (plastering the pan brick walls, putting up timber trussed rafters, installing fire extinguishers, making all windows and doors lockable, putting inside all the materials and machines).

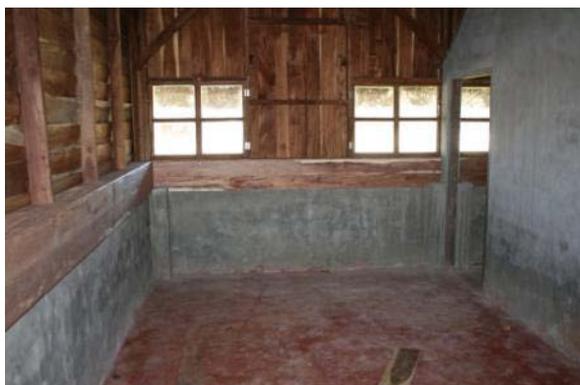
We have let off all the workers except for the two guards. All the bricklayers and most of the carpenters found a new temporally project somewhere else. Our two best carpenters will be hiring the carpentry workshop to make furniture for several customers in Mpongwe. The three staff members (Kunda, Lewis and Kafwua) and our driver Paul will be working at the guesthouse doing maintenance like painting, fixing the main pillar in the restaurant and renewing the roofs of the public kitchen and reception. The cook, head thatcher and a couple of the helpers will be making pan bricks out of an anthill at the middle of the plot. They will not get paid but can sell the pan bricks themselves. I will assist them with the two molds not charging anything. By helping them they eventually help us by digging away the anthill, which is something that must be done anyway. Knowing where all the guys went gives me the advantage of being able to find them when construction continues knowing that all of them are more than willing to come back to work for VTC.

7 Sanitary Girls. Finished fixing the bamboo doors on the side of the showers (↓).



9 Boarding Girls 2. Finished ceilings in eight bedrooms and both entrance halls (↑).

14 Administration 2. Finished the cable boxes (↓).



16 Sanitary Boys. Finished putting the glass sheets and window sills (↑).

17 Boarding boys 1. Finished putting up the trussed rafters (↓).



18 Boarding Boys 2. Finished plastering interior masonry and putting up the trussed rafters (↑).

21 Practical 3. Finished fixing the timber ring beam and putting up the stands of the trussed rafters (↓).



Veranda Girls. Finished the screed with red iron oxide at the back and the walking paths between the buildings (↑).

Electricity. Like I wrote in my last report I have received the three quotations for the electricity. I also wrote that I wanted an independent company to take a look at them, so I invited “Progold Engineering Services” from Luanshya and took them to the project. Based on their visit we have to conclude that the project is not in an advanced enough stage to start with the electricity.

Progold also pointed at an inconsistency in all the tenders. All three documents start with a cost price for designing the system before they make a quotation of materials and labor. The problem is that they did not make the design yet and should therefore not be able to calculate the remainder costs because these costs depend entirely on the design. To do it properly we should first make a design ourselves or outsource it. Based on this design we can invite several companies to make a tender document.

I would strongly oppose to connecting the project bit by bit by local electricians in order to be able to start giving courses. Beside the fact that the electricity will become much more expensive this way, the scale of the VTC project asks for a professional approach where quality and safety should be prioritized.

Fire Prevention. After the rainy season when the grasses have reached a length of about two meters and become dry, the custom of the Zambians is to burn it all down. This takes place all over the country. It has happened in the past that these fires went out of control and not only crops but even houses were burnt down. In order to avoid such a scenario at the VTC we slashed the grasses nearby the building in a diameter of about 40 meters and burnt them bit by bit creating a -what the guys call- firebreak (↓).



Insurance. We have insurance for the buildings that are already there. Also in case of fire but only when fire extinguishers are installed and this has not been the case before. This month I bought 13 nine kg. dry chemical powder cylinders (approx. KR 6000,00) and installed them near the entrance door in all the buildings at the girls wing, two in each boarding block, one in the office and one in the carpentry workshop (↓).



Cleaning and storing. We have cleaned the entire construction plot, all the buildings inside and put everything inside behind locked doors. The keys are with me (↓).



Overview. Like I also did almost a year ago, I hereby give you a clear overview of where we are.

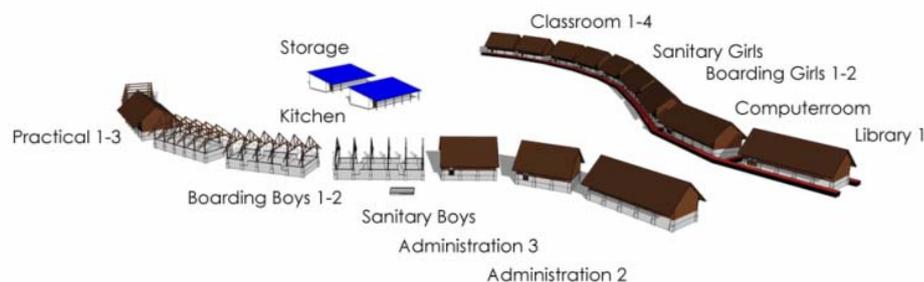
GIRLS WING - Everything for phase one is finished except for painting, tiles, installations, electricity and half of the red iron oxide screed on the veranda.

BOYS WING - Administration blocks still lack cable boxes, ceilings and interior doors. Sanitary lacks cable boxes, doors, screed, tiles and installations. One practical is lacking only the cable box. The boarding blocks and remaining two practical rooms are up to the level that only the trusses are placed and the rest of the roof construction still missing. The veranda is not yet started (↓).

Drawn out



Realized (May 2014)



VTC Football Team. I have assisted the MAFA (Mpongwe Amateur Football Association) with digitalizing the system concerning the fixtures, the table and the match return forms. The competition started two weeks ago with 18 local teams. VTC registered 30 players and has won the first match home against Chinwa with 4-0 and the second one away against France with 2-5.

Business plan carpentry workshop. The plan is ready except for all the numbers (which of course is the most important part but not a lot of work ones you know what to fill in). Reason for this is that I really lack the knowledge to estimate cost price and expected amount of units to sell). Together with our timber supplier I will look into this but I did not manage to meet with him since I am much less mobile nowadays. Whoever is interested can ask me for a copy of the business plan by email.

Planning for the coming month. As soon as the anti termite chemical arrives in Luanshya, I will try to find 10 workers to apply the chemical on all the timber parts of the buildings. My own focus will be on writing out the entire project with all the new features, the new sizes and the new plans. I will continue with getting the plot number for the extensions and the title deed and try to invite the fire brigade of Luanshya to grant us a fire certificate.

Kind regards, Bram