



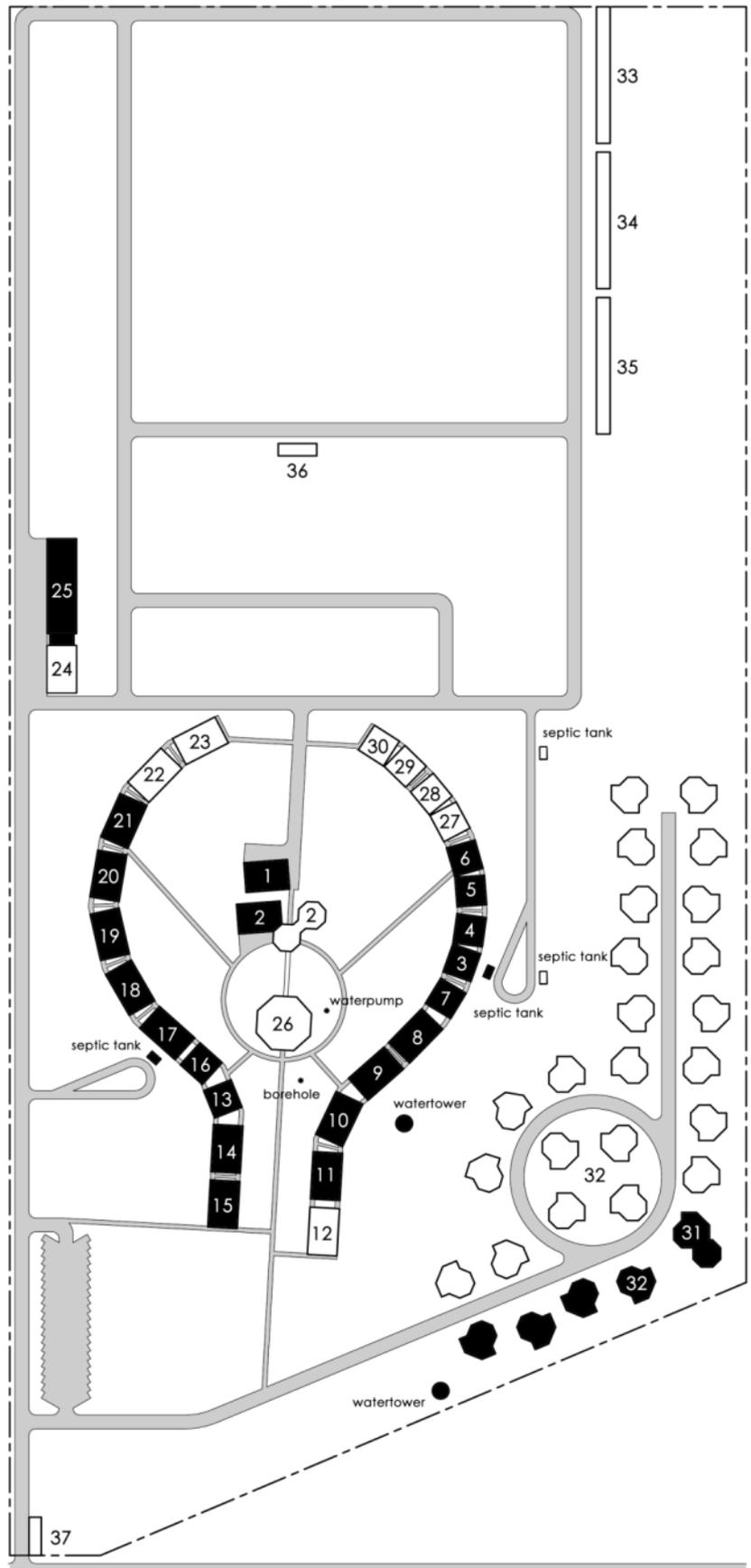
# Report VTC

22th of February 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 Laboratory & Waterbassin
- 36 Cattle Shed
- 37 Reception Building

Phase 1

Phase 2



Dear members GKMT,

Following you'll find the monthly report on the activities at the VTC.

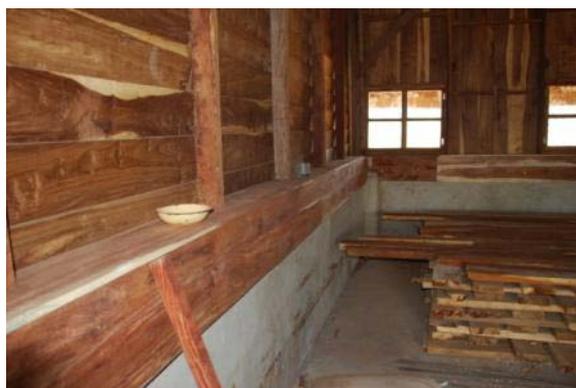
**1 Storage room/Carpentry workshop.** Gerard, Harry, Andre and Roy (↓) from Heeten came to Mpongwe for two weeks to teach three of our carpenters (Mishi, Morgan and Tellas) on how to work properly, safely and responsibly with the machines and demonstrated the endless possibilities. All the machines were revised and where necessary fixed and connected to the exhauster. Our carpenters learned to use the machines for window frames and furniture. Together they made four window frames (↓) which will replace the iron frames of the second workshop ones it will be transformed into a kitchen and a doorframe for the bamboo doors this time using the machines instead. A demo window frame (↓) was made with instructions written on it and all the parts organized and attached to the wall near the corresponding machine. As a practice case the carpenters started making a desk for the reception of the guesthouse. In the beginning under supervision of the group from Heeten but finished off by themselves (see later on in this report).



**8 Boarding Girls 1.** Assembled and fixed ceilings in six of the eight bedrooms and one of the two entrance halls (↓).

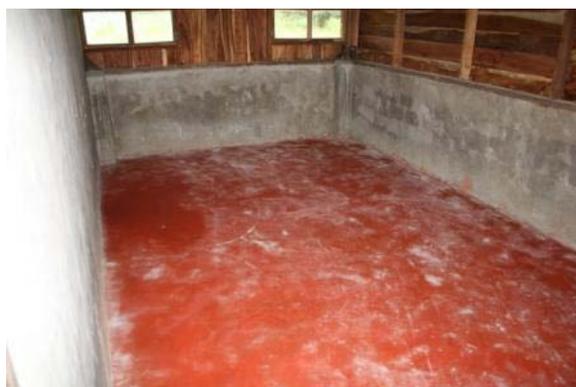


**9 Boarding Girls 2.** Finished the screed with red iron oxide in the entire building and most part of the cable boxes (↓).



**10 Computer room.** Finished the cable boxes (↑).

**11 Library 1.** Finished the screed with red iron oxide (↓).



**13 Administration 1.** Finished the screed with red iron oxide (↑) and finished the ventilation triangles (↓).



**14 Administration 2.** Finished the screed with red iron oxide (↑).

**16 Sanitary Boys.** Finished covering and started on ventilation triangles (↓).



**17 Boarding boys 1.** Finished masonry interior walls (↑).

**18 Boarding Boys 2.** Finished masonry up to ring beam level and poured the ring beam (↓).

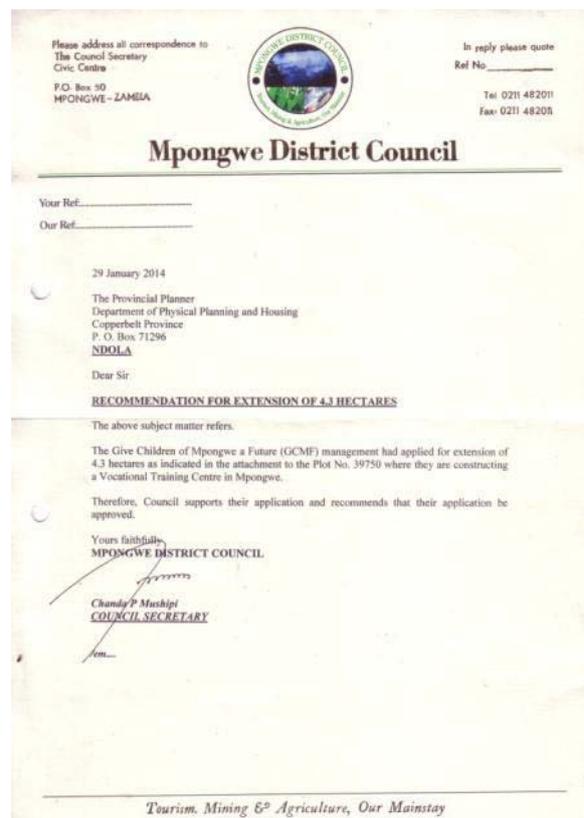


**19 Practical 1.** Finished the entire timber upper structure including vertical stands, window frames and veranda overhang (↑).

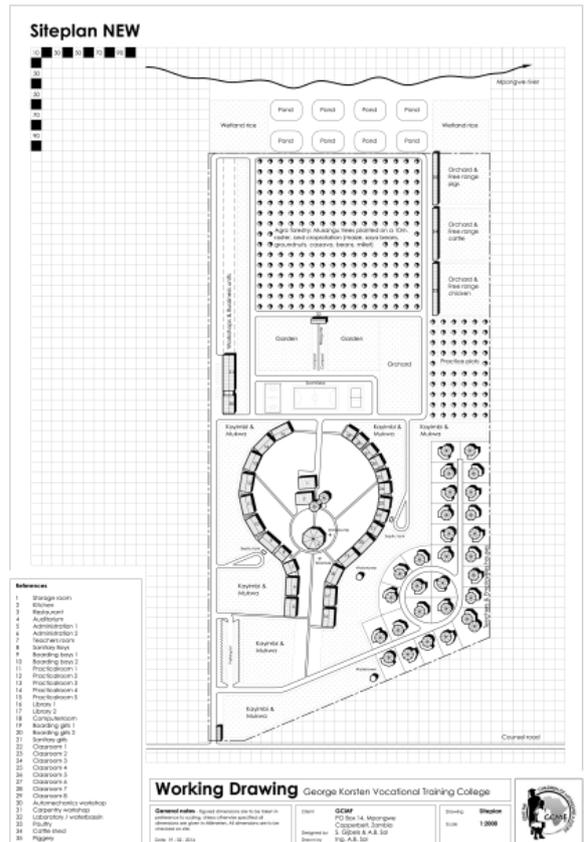
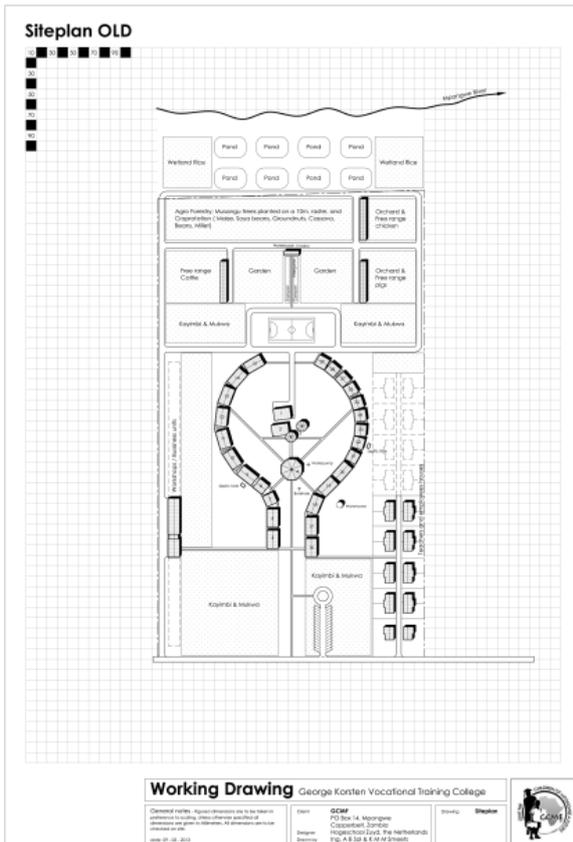
**Veranda.** On the girl's wing, we decided to finish off the edges of the veranda considering the fact that the remaining four classrooms and the second library are phase two buildings and not likely to be built soon (↓).



**Plot number.** This month the Kafweni family also agreed on signing a new contract nullifying two former contracts and solving the issue of the needlessly purchased piece within our own plot. Again there were no financial transactions concerned with this contract (↓). However, when following the official procedures the counsel has to be involved in the buying of land. The director of works is one of the witnesses who signed the contract and the counsel secretary is the one who wrote a recommendation letter (↓). This is obligatory when we want the ministry of lands in Ndola to recognize our organization as the legal owner of the plot and assign a plot number. Also for receiving the title deed the procedures must be followed as described above. The involvement of the counsel is not for free, we had to pay service fees for every hectare of land we extended. Total amount: KR 11800.00. The total size of our plot became 14.1 hectares. The application for the new site plan is currently at the planning office in Ndola.



**Site plan.** Now we finally know the definite coordinates of our plot, it became possible to locate the exact position of the constructions using Google earth combined with UTM coordinates. It turned out to be different and bigger than we assumed and the constructions are further from the river, more to the left of the plot border and even slightly crooked. On the left side of the plot we don't have enough space anymore for the business units so they shifted upwards where the cattle shed was planned. This cattle shed can be joined with the rest of the animals at the right side now there is more distance between the river and the school. The area for crop rotation (income generating activity) became three times bigger than originally planned. On the right side a lot of area came free which allows us to reserve a special area for practice plots that are going to be used by local farmers participating in organic farming courses. The bigger area for teacher houses can be found on the right lower side of the plot (↓).



**Electricity.** I received the first of three requested quotations on the electrical system. A company from Luanshya “Chisengo Investment” came to present and elaborate their financial report. For phase one they will charge KR 540.000 and for phase two KR 370.000. Total amount: KR 910.000 or € 115.000 approximately. This includes: design costs, materials, labor, profits, overheads, mobilization and an uncertainty factor. In other words, everything except connection to the ZESCO grid. A second company from Lusaka visited the project last week and will present their quotation within a couple of days from now. I’ll try to get a digital version of the quotations to send to the Netherlands for review.

**Shanda’s desk.** With the newly gathered knowledge and as a practice on how to work with the carpentry machines we made a desk for the reception of the guesthouse (↓).



**Planning for coming month.** From the first of March, due to the lacking of financial means, I will send all the helpers (21) home for an indefinite period. I will try to keep the contract workers busy as long as possible with the material available at the plot buying only low cost materials like sand and stones. Budgetary this means I'll need KR 14.700 for salaries, KR 1.000 for materials, KR 600 for transport and KR 4.000 for the generator. If this total budget of KR 20.300 is not available in March, then there is no other option then to send everybody home except for the guards. About this I will deliberate with the Dutch board.

In the coming month my own focus will be on designing and budgeting a teacher house, getting the plot number, start with the procedure for the building permit and title deed, getting the remaining two quotations for electricity and writing a business plan for the carpentry workshop.

Kind regards, Bram