



STICHTING PERSPECTIEF ZWOLLE

PROJECT REPORT BUILD MFC UMBUMBULU

In 2018 the construction of a new multifunctional center was completed, allowing the local project team to provide assistance in the form of:

- 1 Supporting family members who care for the relief of Aids orphans, offering them a hot meal
- 2 creating opportunities for parents of young children to make them go to pré-school and find a job for themselves.
- 3 providing 2 meals for the little ones at pré-School.



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Project report build MFC Umbumbulu

FOREWORD

In 2010, the first contact with one of the members of the Foundation Stichting Perspectief Zwolle conceived the plan to start a AID project in the area of Umbumbulu, KwaZulu-Natal in South Africa. Umbumbulu is a township in the District Municipality of Durban in the KwaZulu-Natal province of South Africa.

The township Umbumbulu is close by the junction of Highway M30 and R603 about 13 km south-west of Durban and 25 km from the Indian Ocean. Derived from Zulu, the name is said to mean place of the round knoll. Umbumbulu is a rural area, bordered by Madundube on the north-east, and the farming community of Mid-Illovo on the south. In the 1970s and 1980s it was a scene of a local conflict, which saw hundreds murdered, and thousands dislocated. It has since become a picture of serene rural living. The main river running through Umbumbulu is the Ntinyane River, and it is infamous as the site where a clergyman was swept away by the floods in the 1980s, his body never retrieved to this day.

The idea is to start a new project after successfully execution of an equal project of the NGO Mafakathini, where a Aids treatment center is realized and a Multifunctional Center. In May 2016 the project plan became more practical and in March of 2017 the decision is made to start the project and has his realization in 2018.

It is clear that a good cooperation between a NGO in South Africa and Foundation Stichting Perspectief Zwolle for such a project has a good chance of success. The project consists of building a multifunctional building for the village community of Umbumbulu, in KwaZulu Natal, South Africa. The realization consists of collecting money, but also from the self help build in South Africa by the participants from Zwolle.

The implementation of the project is scheduled in 2018. This includes the following phases: preparation of the project, both in Netherlands and in South Africa. This includes making a building plan, collecting money, preparing the trip and the first work on site. The trips to South Africa and the partial realization of the construction with the local people.

Realization

The project is built as per plan and realized by a team of local people from the contractor and two Dutch teams. In below part I will clarify which steps are made to complete the building.

1. The contractor started the project in April by equalize the plot and digging out the 8 pillars holes and the slots for the fundament. After digging the concrete could be put in the slots and holes. Because the whole steel construction need to be carried by the 8 holes a welded construction was made in the concrete to be strong enough.



2. The contractor Span Africa build the steel construction and the roof for the whole building. The roof is made with Sahara red Corrugated Sheets and 3 line with clear sheets for daylight. The gutters are placed after the outside walls where plastered and painted. The gutter pipes will be connected to two big green water tanks who are used for rinsing water in the kitchen and toilets. The water tanks are placed nearby the building and connected to each other.



3. In May the first group of Dutch people arrived. The Atos foundation sponsored the project not only with money but also with a team of 18 persons who can built the outside walls. Together with local people they built in 2 weeks all the outside walls en digging the ground inside with 30 cm. This 30 cm was necessary to make the inside floor with concrete. The digging was a very toff work to do because the ground is from strong Iron sand and is deep read colored. A part of the team work was also digging the septic hole and building the walls and the concrete floor for toilets. Team prepared also the pipes on the place for the toilets and sinks in the washing rooms.





4. After leaving of the Atos group the local contractor had two big parts of work to realize because otherwise the second group could not do their part of the plan.
 - a. They started with preparing the inside to create the concrete floor of 180 m². It was 4 weeks before the second group arrived ready.
 - b. Plastering the outside walls so that it could be painted by the second group. It was ready to paint!

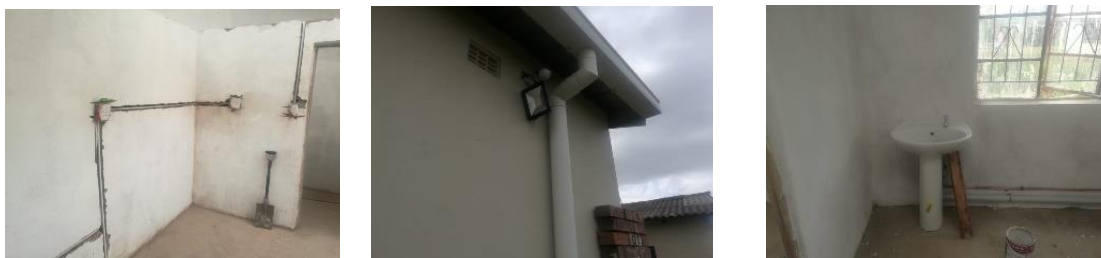


5. In the first week of august the second group arrived and started building the inside walls. A heave task for 22 young people. But within the two weeks team had they succeeded to:
 - a. Built inside walls,
 - b. Painting the outside walls 3 times (2 times white and 1 time colored)
 - c. Placed the glass in the window frames with putty
 - d. Constructed 2 covers for the Septic tank
 - e. Digging out the verranda around the building and filled it with pebbles
 - f. Painted a logo on the outside wall



6. After leaving the second group there was a lot of work to do. Step by step it came to results till the moment we could start using the building at 14th of January 2019. Al wat is done in the last 4 months of the year:
 - a. Plastering the inside walls
 - b. Installing electricity in the building and lamps outside
 - c. Plumbing all the water pipes/toilets and water taps in the washing rooms and toilets including kitchen.
 - d. Connect the kitchen dirty water pipes to the septic tank
 - e. Placing the tiles on the floor and podium
 - f. Arranging clean water tab from the municipal water supplier
 - g. Installing the outside doors in the frames

- h. Installing safety doors inside to keep burglars outside
- i. Installing the kitchen sink, cupboards etc.
- j. Installing all equipment's in the kitchen (stoof, freezer, fridge, etc.)



Financing and Spending

The project budget was set on € 55.000 and was calculated by collecting all the materials, manpower and contracts who are made with the constructor Span Africa and Building contractor in March 2018 by the visit of 2 members of the foundation. Together with the Dutch teams who organized a lot of activities we realized the necessary budget for this building. In below table you can find the way the teams collected the necessary money.

Finance	Realization
Oliebollen promotion	€ 3.369,95
Valentine dinner	€ 995,25
Atos foundation	€ 27.224,40
Easter bread promotion	€ 657,90
Easter eggs action	€ 4.588,90
Tony chocolony promotions	€ 4.423,45
Isala World Wide: toilet facility	€ 1.552,50
Stones and roof plates sale	€ 1.141,25
Contribution different churches	€ 1.895,74
Mother's day breakfast	€ 140,00
Dr. Hofsteestichting Alkmaar	€ 2.500,00
Washing a car	€ 270,00
High Tea / High beer	€ 1.169,00
Marthe van Rijswijk foundation	€ 4.500,00
St. AFAS Foundation: kitchen design	€ 3.801,25
Total Funding	€ 58.230,00

To build the building and set all ready for use we made a budget. In draft we calculated it and the realization is next to it. Some of the budget post are in reality different than the calculation. Some of the reasons:

- The concrete floor in the building is not 10 cm with steel construction but 20 cm. To compensate the cost of delivery of complete concrete by a truck it is all hand made by the local people.
- Span Africa have to calculate more cost for the steel and labour because of the inflation and union salary increase.
- The plastering for the inside and outside wall took more sand and cement than was planned.
- The use of water en Electra during the time that the building was made where not calculated. After calculation with the neighbor the payment is done.
- To be sure that unwanted people stay outside we decided to buy for all the outside doors a safety doors, including to the kitchen and toilets.
- The leftover (58.230-52.999) is € 5.231 and will be used to start the project exploitation itself and as budget for maintenance for the coming years.

Budget	plan	Realization
Groundwork and preparing for construction	€ 1.623,00	
Fundament 18x10meter. Number buildingblocks 800 á zar 9	€ 1.200,00	
Concrete floor of 10 cm with steel construction 180 m2	€ 1.500,00	
Necessary 25m3 sand/pebbles and 125 bag of cement	€ 1.200,00	
subtotal	€ 5.523,00	€ 7.387,00
Steel construction superstructure and purlins and tension cables	€ 6.667	
Roof plates and mounting material	€ 847	
PVC coating and water drain	€ 920	
Wage work	€ 2.107	
Transport and taxes	€ 286	
subtotal	€ 10.826	€ 12.779,00
Outside walls 3000 pieces of building blocks	€ 3.900,00	
bricklaying 15 m3 of sand and 55 bag of cement	incl	
Brickforce iron 20 meters 48 edge	incl	
Finishing walls 27 bags of 50 kg and 5.5 m3 of sand	€ 2.500,00	
Window frames and doors 10 normal and 2 doubled doors	€ 3.500,00	
Windows and glass 95 times	€ 2.100,00	
Inside walls with 1250 building blocks	€ 1.625,00	
Beams local roofs 15x155x10	€ 825,00	
Roof sheets 32 x 1.22 x 2.42	€ 360,00	
Concrete floor covering layer of 10cm with steel mats 180 m2	€ 1.500,00	
subtotal	€ 16.310,00	€ 19.250,00
Sanitary facility set point	€ 2.047,50	
Lighting including: group box, wiring and sockets, switches	€ 1.844,00	
Kitchen design standard model	€ 3.801,25	
subtotal	€ 7.692,75	€ 7.197,75
Labour	€ 5.000,00	
Transport	€ 2.500,00	
Bank costs/Water and Electricity	€ 4.000,00	
subtotal	€ 11.500,00	€ 6.385,65
Total	€ 51.852	€ 52.999

Building in use:

On Monday 14 January 2019 the opening of the nursery started. Children from 3 months up to the age of the Primary School (6 years). Children come around 8 am and then receive breakfast and be picked up between 12 and 13 hours. Before they are picked up, the children receive a warm meal. The day spending is variable depending on age. The goal is to



eventually prepare children for the transition to primary school. The school materials, with the supplement we purchased in March through sponsorship, are used in childcare and classes that have been formed. Basic knowledge as colors, forms, animals, birds and fish are taught. Tests during the year, will see if they have the level or need to complement missing knowledge and skills. In

addition to personal hygiene, movement, manners and social behaviour are the most important objective for the youngest. Toilet visit and hand washing are prominent part of the hygiene training. Number of children grew from 7 to 23. Not every child comes every day and parents pay a small fee.



In the weekend of Ascension the building is used as a church hall for 200 people. This meeting is specially organized by the Umbumbulu team to check whether the building is suitable for larger groups. There are chairs and kitchen facilities to accommodate such a group. Now that it is known that this can be, one is working to promote the building for weddings and meetings. During the weekends the building can be used for this. The proceeds are to cover the operating costs.



On Saturday 3 August started with a first acquaintance with the group of AIDS orphans in collaboration between parents-school and the team is composed. The winter holiday is over and the children will go to school with effect from Monday 5 August. Saturday started with one meal a week. The group of orphans know 47 registered children. Saturday 3 August 23 children were present. This will grow to 47 registered children in the coming months. Meals are free of charge. For the meal, two people have been attracted who have taken the coordination and care of the meals. The first block of meals runs weekly until 21-December because then the summer holidays are starting. The 21st of December is meeting with Christmas celebration and gifts. In the 3rd week of January, the meal delivery will start again.



The clothes and school materials brought by the Dutch teams were handed out to parents and children who need it. Not everything is handed out yet. In the coming months, clothing will be provided to those who need it. The school materials are kept in store to use in the pré school. Together with the teachers from the primary school will be decided if stuff will be used in the pré or primary school.



In May 2020 the official opening will take place. In the Zulu community, it is customary for a building with such size to be opened only if the deployment is proven and the resources are also available to celebrate it grand. Please note that a building with these facilities and such size in the perimeter of 100km is not just to be found. Civil municipalities and weddings often use large party tents that are still very expensive. A cheaper alternative is available through the facilities of this building.

Sponsors

Atos



**Dr. Hofstee
STICHTING**

