



# DIOCESE OF MPWAPWA

## *(The Anglican Church of Tanzania)*

**Name of Project:** *Maternity Wing, St Luke's Dispensary, Mpwapwa*



### **An Architect's Impression**

**Location:** Mpwapwa District, Dodoma Region, Tanzania

**Administered by:** St Luke's Dispensary, Ving'hawe  
Diocese of Mpwapwa,  
Anglican Church of Tanzania

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13<sup>th</sup> June 2004

Dear All,

It is now just over a year since the first sod was cut at the end of May 2003 to begin



the excavations for the foundations of Phase 1, and the completion of the finishing touches is now well in sight. It was no mean task,



given the slope of the site, to form the foundation walls and fill and compact the resulting voids ready for laying the concrete sub

floor. Final preparations were completed to make sure that everything lined up correctly. The doorframes were installed and cast into the floor for added strength, which allowed the walls to be securely built around them.



The first course of the internal walls was then laid so as to split up the concrete floor slab to allow



for natural shrinkage during curing and to predetermine expansion / contraction joints in an otherwise large area. The momentum of work has never ceased in building the walls up to roof height.

A reinforced concrete earth-tremor ring beam to prevent inward collapse in the unfortunate event of a major earthquake has topped these - Tremors of around 5.9 on the Richter scale are not unknown in the Dodoma Region. Roofing works have been completed. Work to the intersecting roof, which involved removing the old sheeting, altering the roof structure and getting it all watertight again had to be completed in just one 16-hour day, as it was the rainy season at the time.

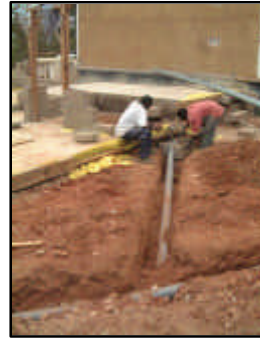
**Eight months on: Phase I takes Shape**



**"Topping Out" Service**



**Phase 1 "Floor Plan"**



**Drainage**

**Block Cutting**

The ground drainage was laid ahead of the rains - a vital piece of work to avoid substantial environmental erosion, as the old drainage run had to be taken up when the new extension foundations were dug.



The building has been plastered throughout, floor screeds laid, plumbing works have been completed, the guttering is up so as to ensure that next year's rains are harvested in time for making the blocks for Phase 2, all the doors have been hung, dado rails fitted in the ward, delivery suite and corridors to protect the walls from bed and trolley



**Ring Beam**

**Gable Wall**

The children of the local Ving'hawe Primary School brought water twice a week to keep the water levels in the Tanks provided by St. Bede's School, Redhill topped up.

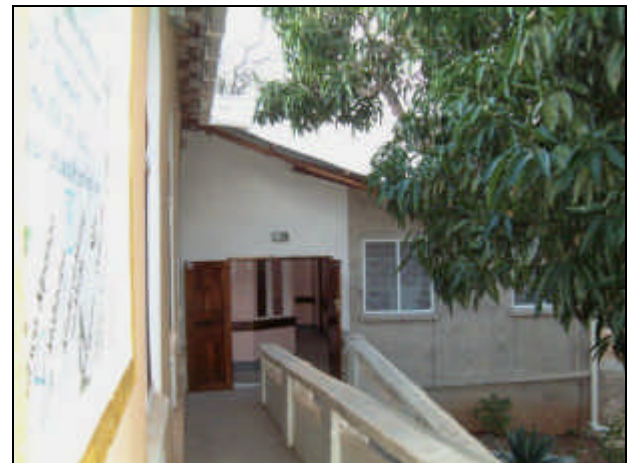


movements and decorations, including tiling in the sluice and ward bathroom, have been completed, and electricity is connected.

The only remaining task is to install inspection covers for the external drains, and those are busy curing, and will be fitted in a couple of weeks time.



**The Sluice Room**





We continue to give praise that this has been made possible and give thanks to an increasing number of donor organisations for their generosity.

**The Delivery Suite**



**The 4-Bed Ward**



*Keeping the blocks damp is a vital part of the curing process!*

Plans for Phase 2 are well in hand and are due to commence in January 2005 so that the facilities can be further extended to cater for all mothers, and not just those who are not expected to have complications in childbirth.

The delivery suite will allow those with known safe deliveries to give birth in a clean safe environment – adding a theatre as planned under Phase 2 will ensure that all complications and emergencies could be given equal opportunity.

Phase 3 would add an additional ward, independent of the main building to allow those recovering from Caesareans not to take up bed space for those able to give birth normally.

Putting a building up is like conducting an orchestra; all the sections need to be brought together in harmony so that the music flows. The team has worked hard to produce a very pleasing result that will provide a valuable service for many years to come. Now the time has come for final rehearsals to prepare everything for that first delivery!



*Preparing The Concrete Blocks*

We give thanks to God for everyone who has made this possible.

Yours sincerely,

*Rachel Taylor*