

**Some of the Storm Damage**  
**22/11/2015**







# Making Hydraform Blocks and Repairing the Perimeter Wall

Digging out the laterite, making and maturing the blocks and repairing the perimeter wall. All work here tends to be very labour intensive.





15th Feb 2016



**Re-construction of over 100 metres of the perimeter Hydraform Wall, repairs to gate pillars and erection of a replacement sliding gate.**

15th Feb 2016



9th March 2016 - taking shape



6th May 2016 - The hydraform perimeter wall is complete



18th May 2016



Setting in the new gate and sliding mechanism



22nd May 2016 - after the delay of fabrication of both gate and mechanism, it is eventually complete and erected.







11th Dec 2015

Many large sections of wall down, electric security fence destroyed.  
Wide open to parish and school playing fields which are open to all.



**Repairs to walls  
behind hostels.**



15th Feb 2016



We raised the wall by two or three blocks to  
compensate for the electric security fence.



17th Jan 2016



17th Jan 2016







11th Dec 2015—repairs to the roof have started but another stormy night removed the plastic sheeting used to protect the inside of the hostel and the interior was flooded—now for a third time.  
The wall behind the hostel was destroyed.

31st Dec 2015, Some of the new ceiling boards



## Repairing the Hostels

Replacing the hostel roof and ceiling boards and repairing the vast amount of internal damage. There were 3 heavy downpours of rain after the initial storm

31st Dec 2015,  
New supports  
and coving for  
the new ceiling  
boards



14th Dec 2015



Work continues on the re-roofing as yet another rainstorm gathers

Much of both ZESCO and Solar power wiring had to be replaced.



3rd January 2016

11th February 2016 — putting on the gloss paint



Supervisor!



15th January 2016 — putting up the ceiling boards



30th March



Putting on the skirting board.

16th May 2016  
The first students return!



Another Supervisor!

## Repairing the Hostels

The work was almost equivalent to building a new hostel, there was so much of it! After interior painting, floor tiles were replaced and all outside painted.





16th May 2016



16th May  
2016



16th May 2016

### **Bedrooms ready once again**

after all furniture had been well dried out and varnished, 15 new mattresses were donated by the Ministry of Education, broken tiles were replaced and whole floor well waxed.



16th May 2016



## Conversion to wheel-chair accessible 'wet-room'

As the floor tiles in this bathroom were so badly damaged and we had already planned to convert it as best we could into a 'wet-room' for the children in wheel-chairs, we combined the repairs with the conversion. Previously there was hardly space to WALK between the shower area and the bath-tub. It's not perfect, as we needed to utilise the old plumbing, but it is now accessible in a shower wheel-chair and children like Lilian, below, are absolutely delighted with it.

It is impossible to get a shower wheel-chair in Zambia— but Stanbic Bank came to our rescue, searched in South Africa, and eventually found one which they transported to us, along with grab rails also impossible to find here.







Materials arrive for roofing the mill

## Repairing the Hammer Mill (maize grinding mill)

16th  
February  
2016



Assembling the materials for the repairs.



9 March 2016

The new iron support poles and iron beams are in place, ready for red oxide then the new roof.

9th March 2016



iron girders are joined to iron pipe supports, which have been sunk into the ground



Assembling the materials for the repairs.

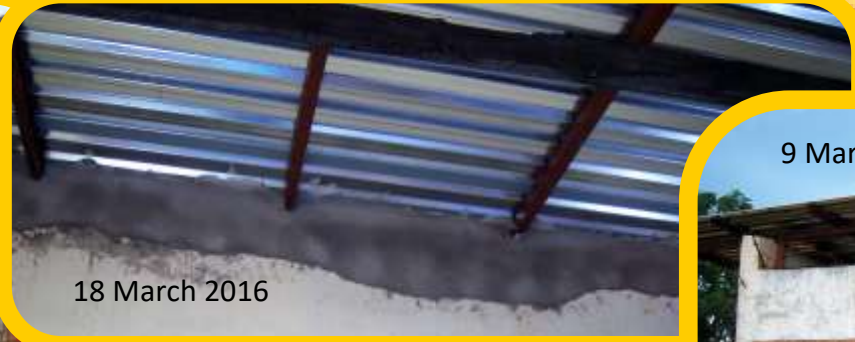


We changed the design of the roof to strengthen it and hopefully prevent any further disasters.

9 March 2016



18 March 2016



**Iron roofing sheets are attached to the iron girders using strong metal hooks. All gaps are filled in.**

9 March 2016



18 March 2016



16 March 2016



29 March 2016





## Damage and Repairs to Electrical Parts re: the Mill

16 March 2016



Part of the 'armoured' electric supply cable had been ripped apart and burned out .

A small rem-



A new MCB (Circuit Breaker) box was set up to cope with the extended power cuts often followed by power surges. Also there was need for more breakers to cope with the increased load.



19 April 2016



19 April 2016



**19th April 2016 — Almost there! The building is nearly completed. Now to re-commission the machines, still protected by the polythene sheeting ripped off the greenhouse tunnels during the storm. It was during the re-commissioning process that we discovered the damage to the power cables mentioned on the previous page.**

6 May 2016



Abraham teaches Matthews and John how to use the machines so that he can continue repair work elsewhere.

6 May 2016



John checks the de-hulled grain

Young clients



6 May 2016

### **Back in Business!**

Clients have already left grain for grinding—to be collected later

6 May 2016





22nd November 2015 — Damage caused to the greenhouse tunnels by a tornado type storm. Much of the support structure was completely twisted or very bent and the covering badly ripped.



19th May 2016 — a cheque for K43,950.54 was gratefully received from the German Embassy by BSNP management to cover costs of replacing the greenhouse tunnels

## Repairing the Green House Tunnels



The team from Lima Agro Consult was on site by 07.00 hours on 31st May and by 2nd June 2016 the reconstruction of the tunnels was well underway. Twisted, broken and bent poles were salvaged and taken away for recycling — which helped reduce costs.







3rd June 2016 — the time had arrived to put on the cover, one huge thick polythene sheet for each tunnel. It was a matter of all hands on deck. Everyone downed tools and came to help pull and hold the polythene sheets in place as they were unrolled and stretched over the frames, waiting for the guy ropes to hold them firmly in place.



It took the strength and patience of all involved to gradually unroll each sheet, pull, stretch, and then hold it very firmly in place until the ropes and fixing clips had been positioned in the right places and everything was secured.





6th June 2016 — The completed greenhouse tunnels. In order to utilise the land between the time of harvesting the tomatoes and other crops that had been growing before the storm and the erection of the new tunnels, we grew late maize.

These tunnels enable us to grow out-of-season crops, for feeding the children and to raise funds for the children's education.







We appreciate so very much the help that was given to us by so many people, from the 'Widow's mite' from an old lady in the compound to the substantial amounts given by our partners, both formal and informal.



It has been a very challenging period, but with your help we have pulled through and for this we are eternally grateful. May God reward you for your generosity and prayerful support. We definitely could not have achieved all that we have without you.

# Thank you!

