

## UNDUGU'S MATHARE SCHOOL RENOVATION PROJECT – 2015

### PICTURE GALLERY 2 – The sanitation system and staff rooms

#### **The Sanitation System – the external area around the children's toilet...**

This is what the pathway leading to the toilets from the tuition block looked like before the renovations. Although not provided for in the current budget, it would have been awkward to leave this section as is, after giving the tuition block the facelift that it has undergone.



The rubble here was therefore cleared away and leveling done to give way to a smooth pavement.



The toilet block walls were painted, although a slab will be created in Phase Two of the project, to support smaller overhead water tanks that will directly serve the toilets.



A handwashing basin counter was created in this pathway, with old sinks (that were originally in the classrooms) fitted on it. The learners will now be encouraged to keep their hands clean at all times to avoid infections and diseases associated with dirt (currently the Ministry of Health has announced an outbreak of Cholera in Nairobi, a highly contagious disease that is precipitated by dirt, germs and lack of hygienic living conditions).



After removal of the rubble and screeding was completed, the construction of a canopy was initiated by erecting an RHS metal framework running from the classroom block to the toilet block.



Once the framework was completed aluminium sheets (gauge 28) were mounted onto it forming a canopy that will protect the learners from the rain when they go to the toilets from their classrooms and when they go to wash their hands.



## The Revamping of the External Sewer System

The whole sewer system leading to the school compound was characterized by blockage not only in the drainage pipes but also at the manholes. These manholes' covers had all been stolen, exposing the drainage passages to all kinds of solid matter and soil, preventing any liquid from passing through the narrow pipes. This renovation project created a brand new foul drainage system bypassing the old pipes and connecting new larger diameter pipes from the abolition block to the main city sewer. This involved digging brand new trenches for laying the new pipes, refurbishing the existing manholes and creating additional manholes to allow for more inspection points, thereby eliminating long spells of blockages as was experienced before.



Metal manhole lids were purchased and will be secured with metal cages to prevent thieves from stealing them again.



## The Old Staff Room and Head Teacher's Office

The head teacher's office shares a wall with the old staff room. There were two other rooms and a toilet next to the old staff room that were in a deplorable condition. The temporary partitioning of these three rooms was dismantled to make one big room that will now be used as the new staff room. The old staff room will now be used by the deputy headteacher and the two social workers attached to this school. The other teachers will now use the newly expanded room next to the old staff room. Like the tuition block, this block received a facelift of the roof, where aluminium sheets replaced the original asbestos roof. New electrical ducts were laid and missing fittings replaced.



All the old wooden windows were removed and replaced with new aluminium windows, complete with burglar proofing. Skimming with gypsum powder was done for a smooth wall finish and brand new paint was used to give it the new look that it has now.



## **The Old Staff Room and Head Teacher's Office, continued...**

INSIDE THE OLD STAFF ROOM...

The picture below shows what the old staff room looked like before renovations...



## The Old Staff Room and Head Teacher's Office, continued...

### INSIDE THE OLD STAFF ROOM... A NEW LOOK...

The same high quality floor tiles as were fixed in the tuition block were fixed here too.



The wooden door that connected this old staffroom to the headteacher's office was removed and replaced with a new metal one for better security. The deputy headteacher and two social workers will have immediate access to the headteacher without having to walk out of the main door to the outside. The dull colours that were in this room have given way to brighter, more attractive colours.



## The Old Staff Room and Head Teacher's Office, continued...

The old staff room already had burglar proofing on its back and front window, so this was retained.



This room already had a ceiling and this was refurbished, with fresh paintwork done. The new electrical system enabled the installation of new florescent lighting tubes. In addition, a chalkboard and softboard were created in this refurbished old staff room for use by the deputy head teacher and social workers.



## The New Staff Room, continued...

The strong room is almost ready for use. Storage shelves are yet to be created.



Below is what the external entrance of the Head teacher's office and old staff room looks like after the renovations.

