



## **Mustardseed Junior School**

Sentema, Wakiso, Uganda, 2019-2021

**Localworks**

### **Architects. Design Studio**

Localworks

### **Design Team**

Allan Semakula, Deborah Tusiime, Edson Agume, Felix Holland, Geoffrey Addah, Guy Namanya, Morgane Charron, Norbert Ahumuza, Paul Kyoma Asiimwe, Peter Ssemakula Mukiibi, Philip Matovu, Robert Mugisha, Sarah K. Ndagire, Torsten Lorange

### **Consultants**

The Landscape Studio (Landscape), Dudley Kasibante and Partners (Quantity Surveyor), Zoka Design Studio (Visualisations)

### **Client**

Friends of Mustardseed

### **Contractor**

Localworks

### **Start and Completion Year**

2019-2021

### **Gross Area**

1146 m<sup>2</sup>

### **Sustainable Systems and materials**

Local sandstone slates, earthbag technology, eucalyptus wood

### **Photography**

Will Boase Photography

### **Expert committee. Architecture and Sustainability: Outstanding Qualities**

The scientific committee underlines the following sustainable aspects of the architectural work:

«\_Local and natural materials. Earthbags filled with soil from the site, raw earth, foundations built with packed local sandstone blocks, roof structure with eucalyptus wood from the trees on site, the structural slab functions as the final floor finish, ground milled to expose the natural stone aggregate.

\_The thick, earthen external walls, stop short of the roof allowing the flow of fresh air to cool down the spaces and ventilate.

\_Protecting school from water damage with locally sourced sandstone slates covering the lower sections of the exterior walls.

\_Outdoor learning area shaded by trees for fresh comfort.

\_Sunlight protection: narrow openings in the roof structure filter natural light into the classrooms, while its underside is finished with woven mats made by local craftspeople, the roof also shelter the outdoor learning spaces.»

### **Website studio (link)**

<https://localworks.ug/project/mustardseed-junior-school>

IG @localworksug

Link Video

<https://www.youtube.com/watch?v=hELxuA87zuI&list=PLHsfeDdkgeY3CaKdBSQUR0KNSDhC16gJV>