



## MINISTRY OF GENERAL EDUCATION AND INSTRUCTION

### DETAILED ENGINEERING DRAWING FOR A PERMANENT TWO CLASSROOM BLOCK

**CHECKED BY:**

Department of Physical Planning and Construction  
Ministry of Education, Science & technology

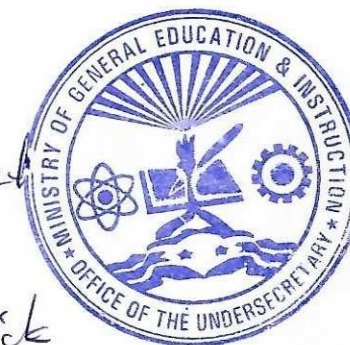
**PROTOTYPE APPROVED BY:**

Ministry of Housing and Physical Planning, South Sudan

**WITH FUNDING FROM  
EDUCATION CAN NOT WAIT:**

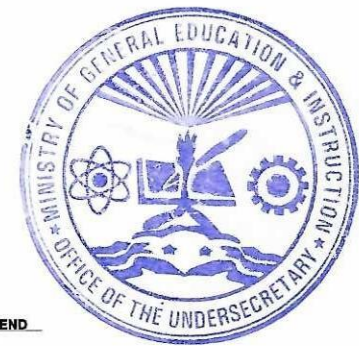
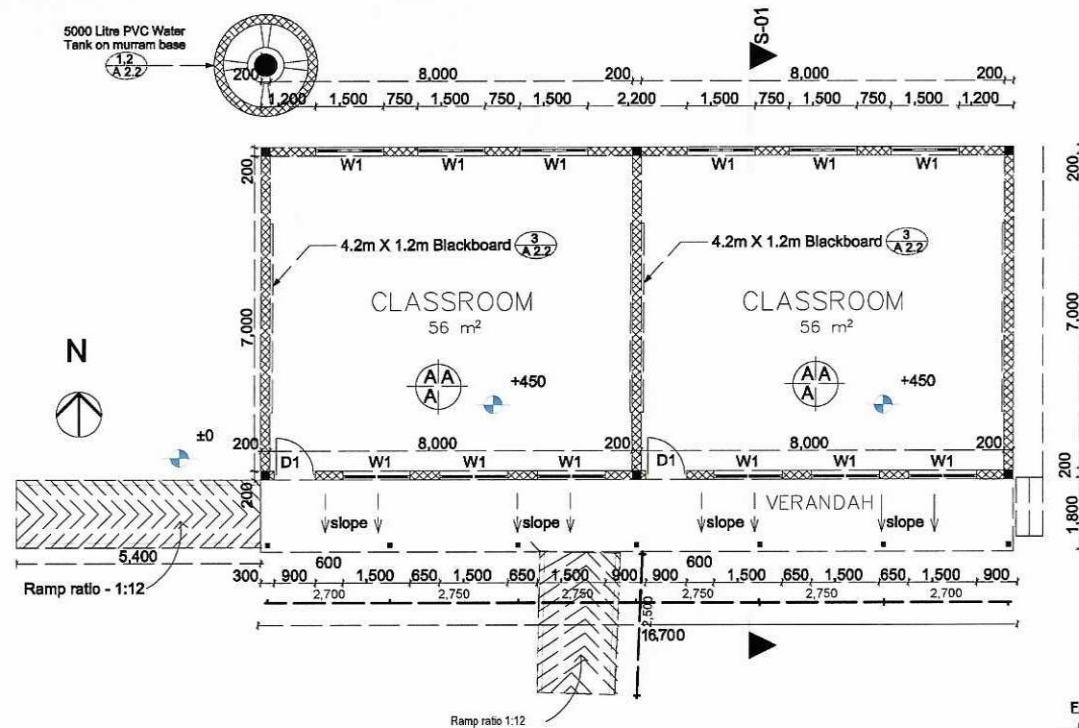


*checked & approved*  
*25/3/2025*  
*James Odick*



Revisions				Revised By:	Location of implementation	Date:	Project Title	Drawing Title	Project No:	
No	Descriptions	No	Date						Drawing No	Revision
				Opiku Tonny	Cueibet Secondary School Cueibet County, Lake state	21/03/2025	Multi-Year Resilience Programme (MYRP) II South Sudan	Construction of a Permanent two classroom Block	01	
				Checked By:		scale:				
				Odick James		1:100				

**FCA** Finn Church Aid



#### FIXTURE FINISH LEGEND



F= FLOOR  
S= SKIRTING  
W= WALL  
C= CEILING

#### FLOOR

A= CONCRETE SLAB FLOATED WITH STEEL TROWEL AND BAYED USING EXPANSION JOINTS  
B= CEMENT SCREED

#### SKIRTING

A= CEMENT SCREED

#### WALL

A= LIME PLASTER FINISHED WITH SILK VINYL EMULSION PAINT

#### CEILING

A= 9mm CHIPBOARD CEILING


1 CLASSROOM ELEVATION  
SCALE 1:100

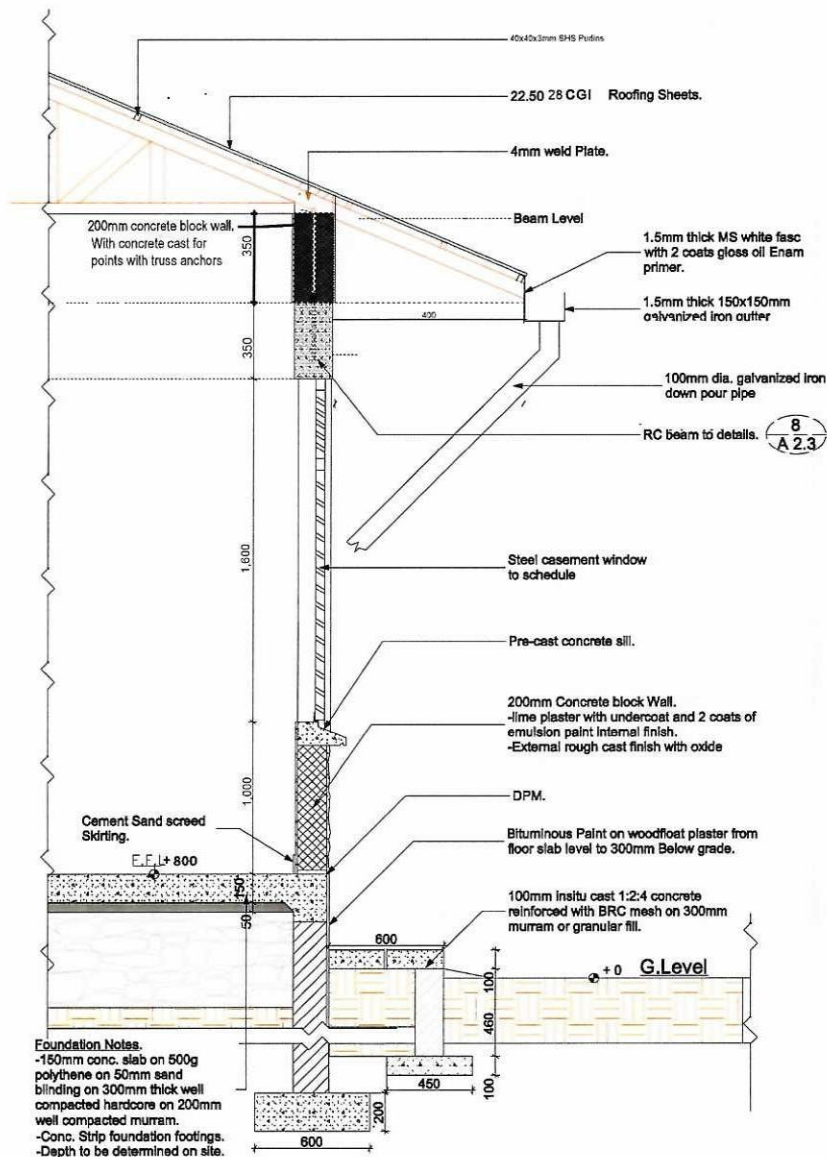


Checked & Approved  
25/8/2025  
Jock  
Exp. James Odick

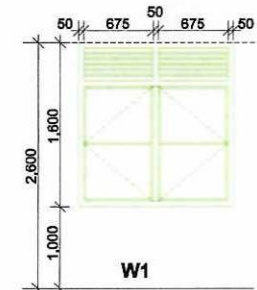
Revisions				Revised By: Opiku Tonny  Checked By: Odick James	Location of implementation  Cueibet Secondary School Cueibet County, Lake State	Date: 21/10/2024  scale: 1:100	<div>FCA</div> Finn Church Aid	Project Title	Drawing Title	Project No:	
No	Descriptions	No	Date					Multi-Year Resilience Programme (MYRP) II South Sudan	Construction of a permanent two classroom Block	Drawing No	Revision
										01	



Revisions				Revised Drawing By: Opiku Tonny	Location of Implementation	Date: 21/03/2025	 Finn Church Aid	Project Title	Drawing Title	Project No:	
No	Descriptions	No	Date							Drawing No	Revision
				Checked By: Okello Dominic	Cueibet Secondary School Cueibet County, Lakes state	scale: 1:100		Multi-Year Resilience Programme (MYRP) II South Sudan	Construction of a permanent Two classroom Block	01	



**TYPICAL WALL SECTION**  
SCALE 1:25

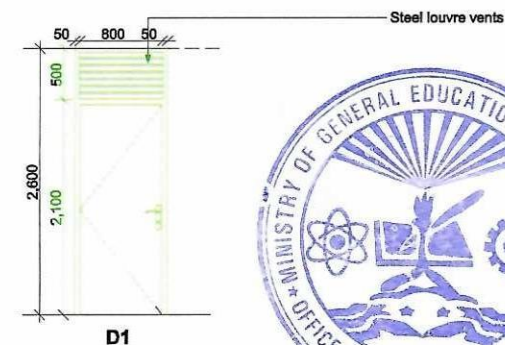


**2 WINDOW SCHEDULE**  
SCALE 1:50

**NOTE:**

- ALL STEEL TO BE FINISHED WITH ZINC CHROMATE PRIMER AND 2 COATS OF WHITE GLOSS PAINT
- ADMINISTRATION WINDOWS TO BE BURGLAR PROOFED
- ALL MOSQUITO NETS TO BE REINFORCED WITH WELDED MESH G10

SCALE 1:50



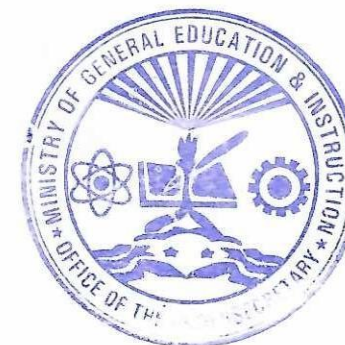
**D1**  
METAL DOOR  
WITH HOLLOW METAL  
FRAME


**3 DOOR SCHEDULE**  
SCALE 1:50

**NOTE:**

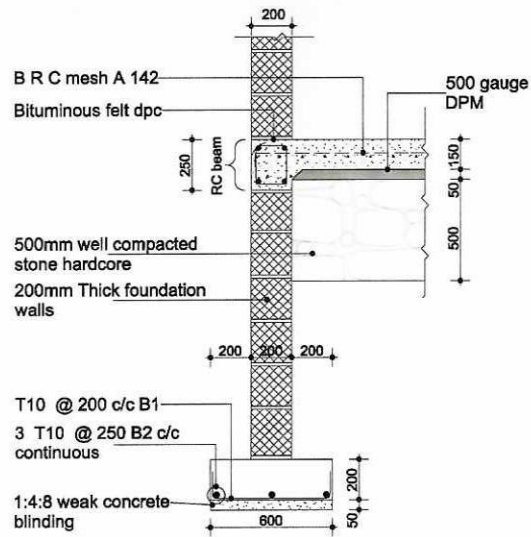
- ALL METAL DOOR FRAMES TO BE STEEL FRAMES
- ALL STEEL TO BE FINISHED WITH ZINC CHROMATE PRIMER AND 2 COATS OF GLOSS PAINT
- INTERNAL DOOR TO HAVE 2 LEVER LOCK
- PROVIDE CYLINDER LOCK TO THE EXTERNAL DOOR

*Checked & Approved*  
*[Signature]*

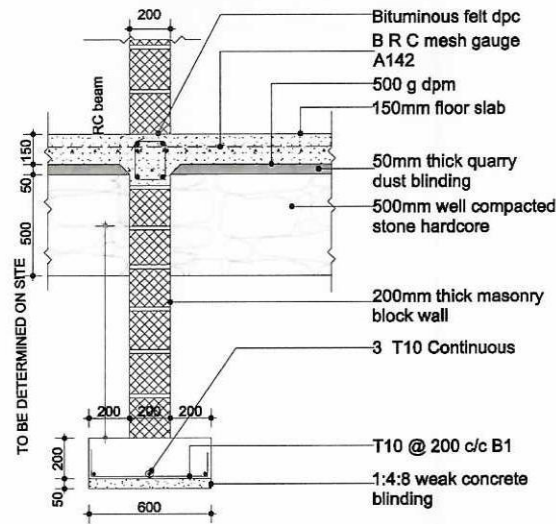


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				Checked By: Okello Dominic	Cueibet Secondary School Cueibet County, Lake State	scale: 1:100		Multi-Year Resilience Programme (MYRP) II South Sudan	Construction of a permanent two classroo block		





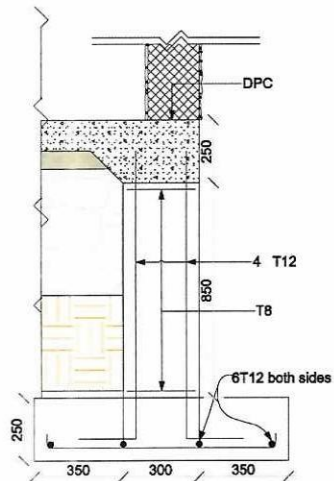
1 STRIP FOUNDATION FOOTING - SECTION S01  
SCALE 1:25



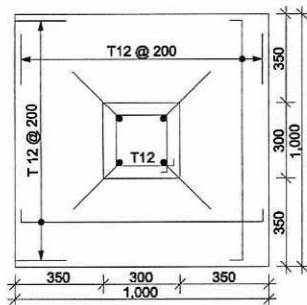
2 STRIP FOUNDATION FOOTING - SECTION S02  
SCALE 1:25

**NOTE:**

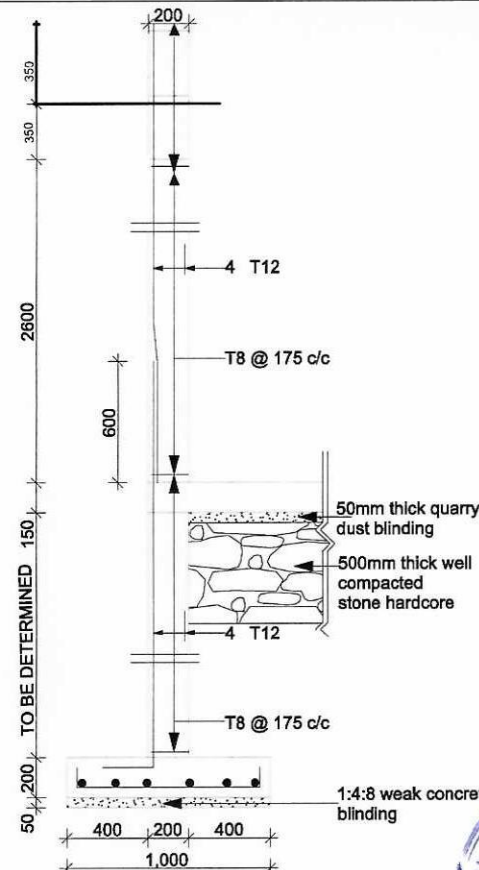
- ALL SLABS SHOULD BE BAYED USING EXPANSION JOINTS
- FOUR (4) BAYES PER FLOOR AREA



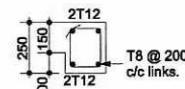
5 SECTION THROUGH STUB COLUMN (C1)  
SCALE 1:20



6 COLUMN BASE (TYPE C2)  
SCALE 1:10

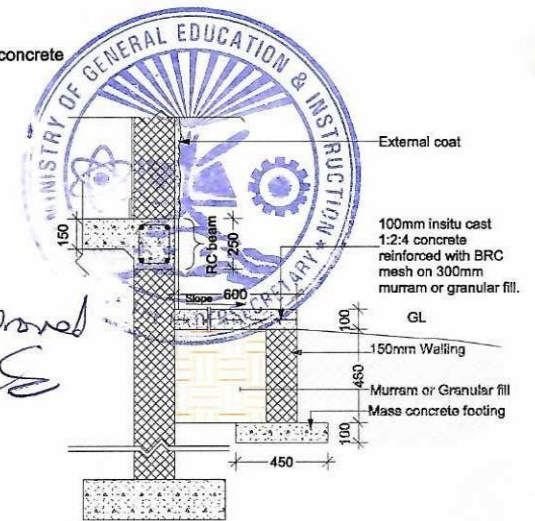


3 SECTION THROUGH COLUMN (C2)  
SCALE 1:25



4 COLUMN BASE (TYPE C1)  
SCALE 1:25

SECTION THROUGH  
250x200mm GROUND BEAM  
SCALE 1:25

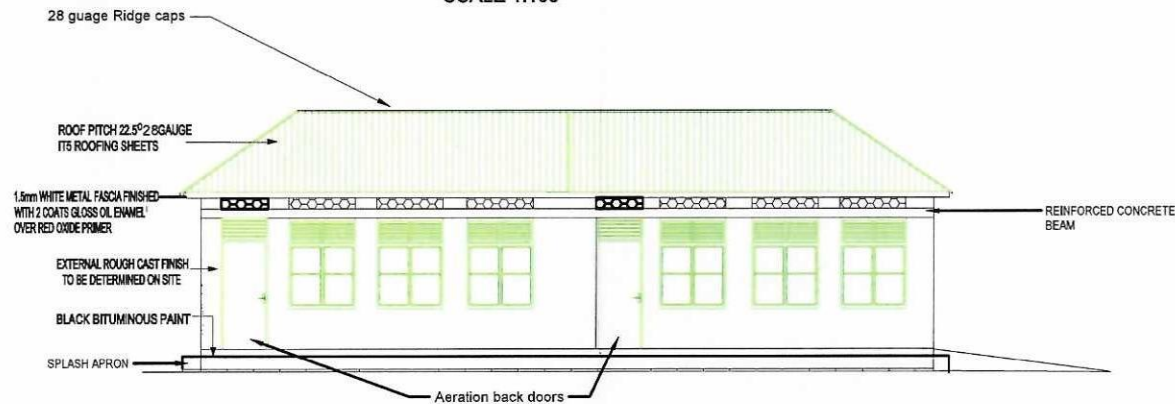


7 TYPICAL SECTION FOR PAVING SLAB  
SCALE 1:25

*checked & Approved*  
*[Signature]*

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				Checked By: Odick James	Cueibet County, Lake state	scale: 1:100				

**2 CLASSROOM - ELEVATION 02**  
SCALE 1:100



**FIXTURE FINISH LEGEND**



F= FLOOR  
S= SKIRTING  
W= WALL  
C= CEILING

**FLOOR**

A= CONCRETE SLAB FLOATED WITH STEEL TROWEL AND BAYED USING EXPANSION JOINTS  
B= CEMENT SCREED

**SKIRTING**

A= CEMENT SCREED

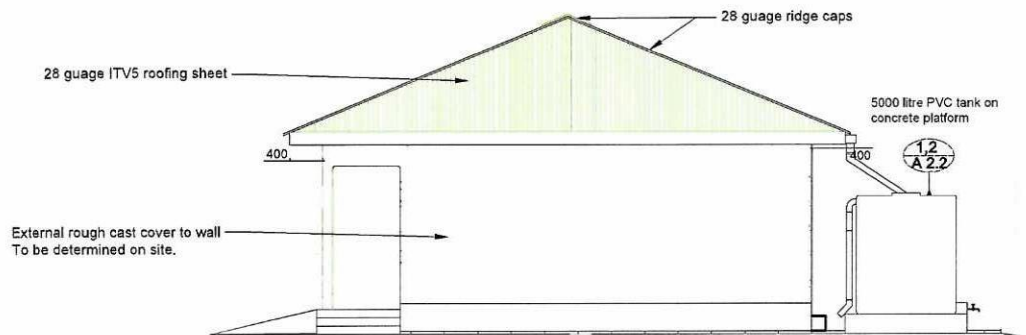
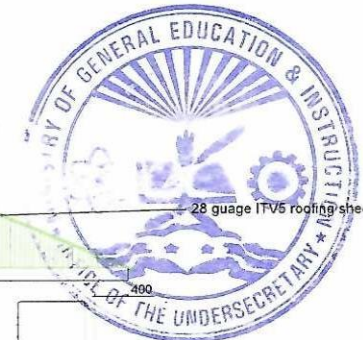
**WALL**

A= LIME PLASTER FINISHED WITH SILK VINYL EMULSION PAINT

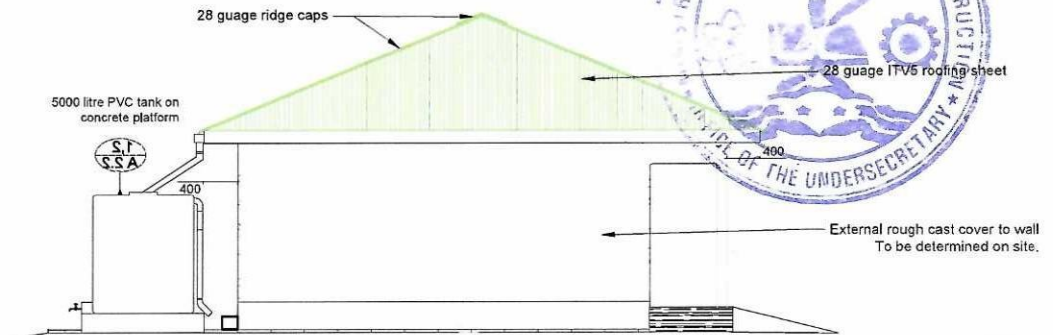
**CEILING**

A= 9mm CHIPBOARD CEILING

*checked & Approved*  
*[Signature]*



**3 CLASSROOM - ELEVATION 03**  
SCALE 1:100

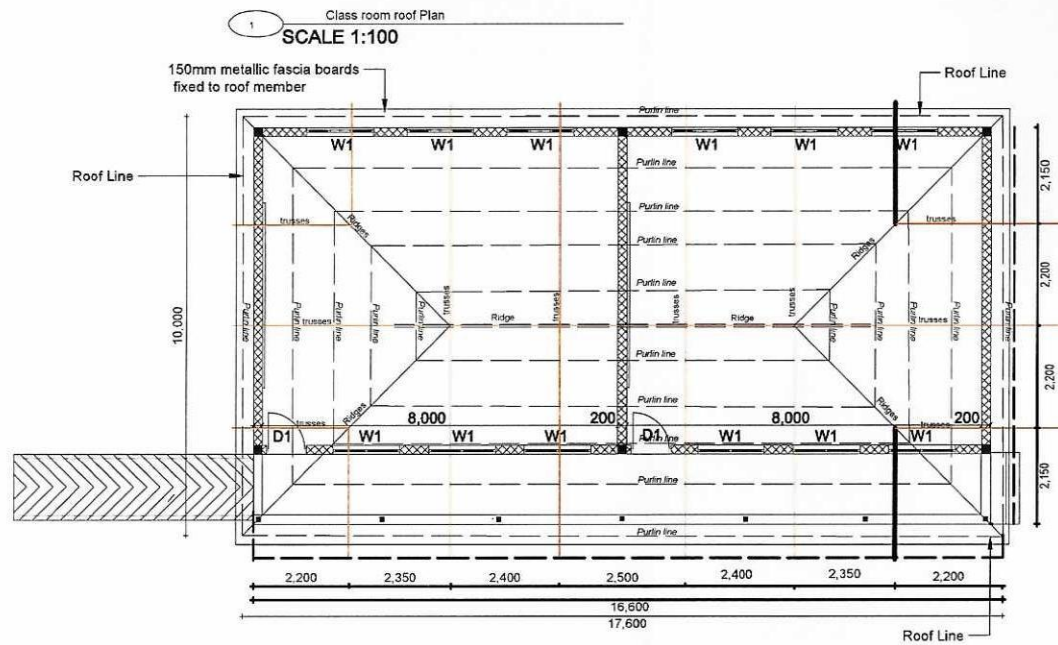


**4 CLASSROOM - ELEVATION 04**  
SCALE 1:100

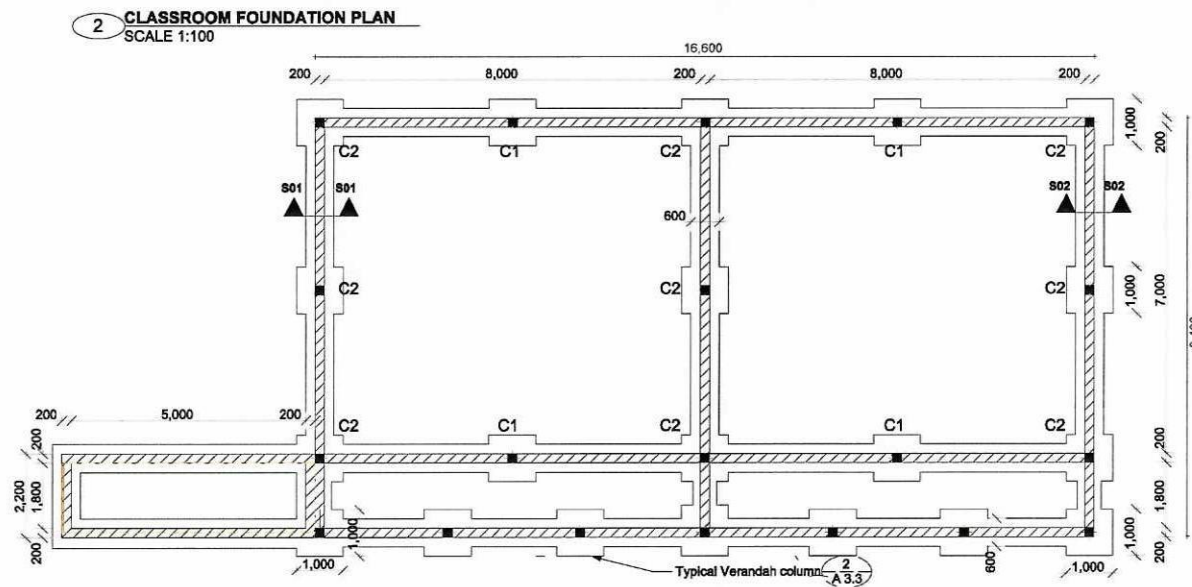
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No	Descriptions	No	Date						Drawing No	Revision
				Opiku Tonny	Cueibet Secondary School, Cueibet County, Lake state	scale: 1:100	Multi-Year Resilience Programme (MYRP) II South Sudan	Construction of a permanent two classroom Block	01	
				Checked By: Odick James						

**FCA** Finn Church Aid





Roof Notes
60x40x3mm SHS trusses to rafters, struts and ties
40x40x3mm SHS in purlins
28 gauge IT5 ironsheet
28 gauge ridge caps
150mm metallic fascia Boards welded to roof member



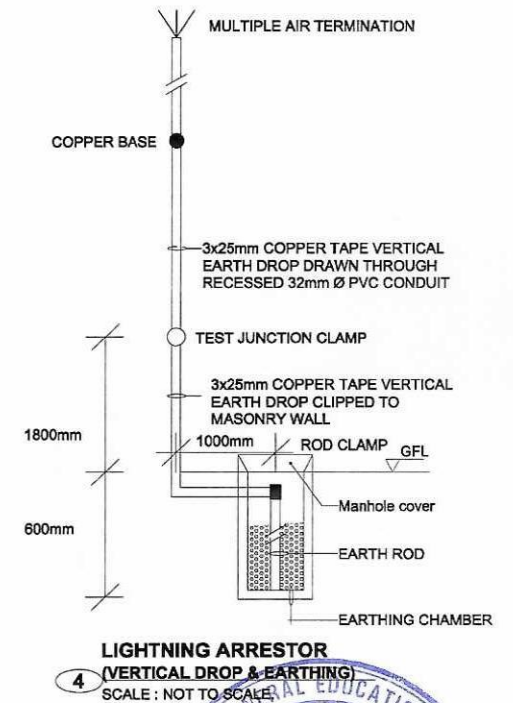
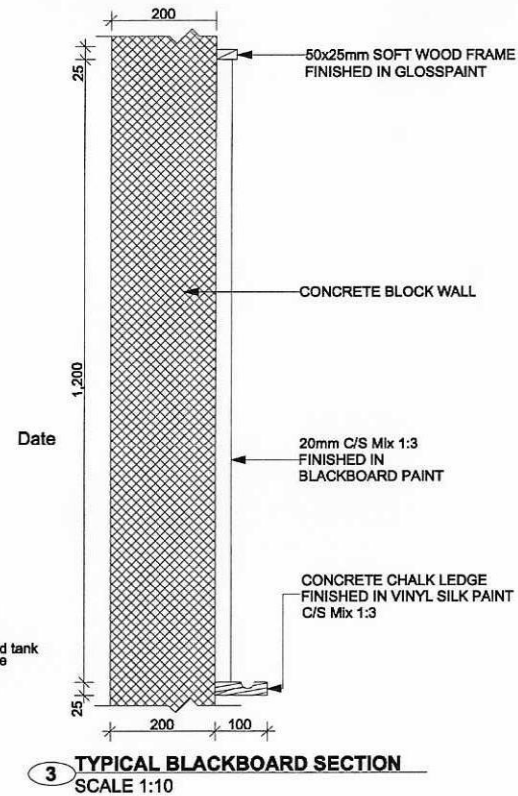
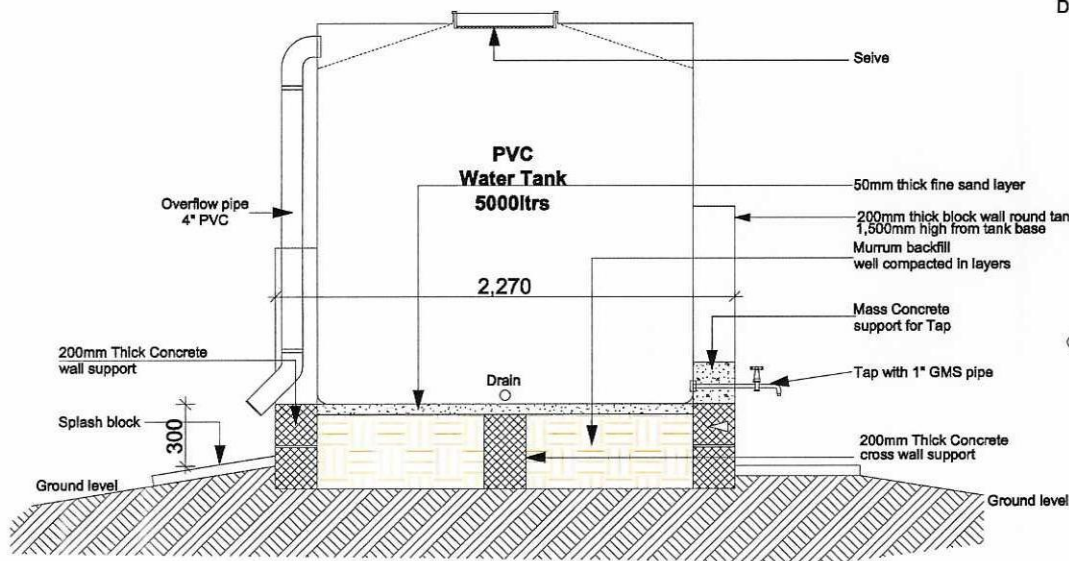
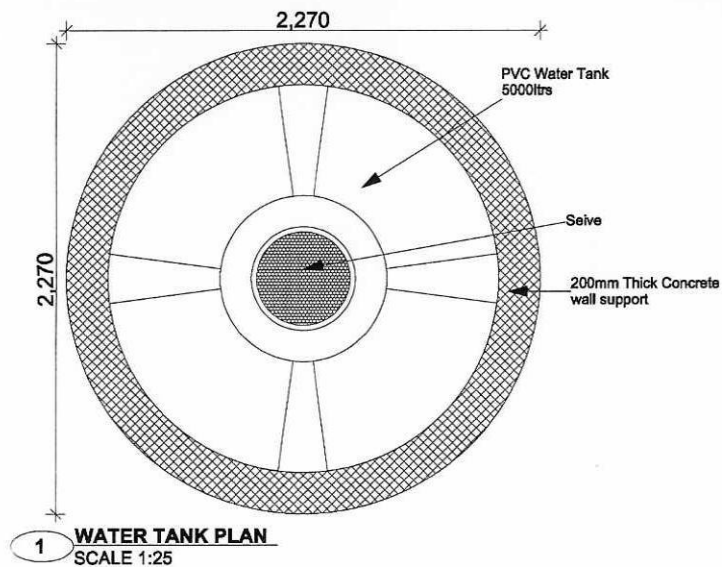
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				Odick James						



Finn Church Aid



checked & Approved  
J. J. J.



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