

FSL COMPANY LIMITED



Front View



View from Play Ground

**PROJECT: CONSTRUCTION OF A SECONDARY SCHOOL FACILITY AT
CAMPBELL TOWN COMMUNITY, WESTERN AREA RURAL DISTRICT**

Monthly Progress Report NR 05



**P&D Engineering
and General Services**

We work to develop the World

Aug 3rd 2021

1.0 Introduction

The Campbell Town Community is a fast growing and vibrant community in the Western Rural area with a growing population of children traveling miles off the community to attend school. Seeing this need FSL Company Ltd, took upon themselves to embark on the Construction of a 6 Classrooms State of the Art learning Facility for the children.

This School Building Facility consists of the following:

- I. 6 No. Classrooms
- II. Admin Office
- III. Admin Secretary's Office
- IV. Principal's Office
- V. Gang of toilets for Principal and Staff
- VI. Teacher's Lounge
- VII. Main Hall
- VIII. Lunch Area
- IX. Kitchen
- X. Library
- XI. Computer Lab
- XII. A building housing the Gang of Toilets for the Students
- XIII. A borehole with Solar Submersible Pump and Water Tank Tower housing a 10,000 liters Water Tank
- XIV. School Yard

SCOPE OF WORK

The following comprise the scope of works carried out to date:

A) Foundation Level in Main Building

- Site Clearing
- Excavation of Foundation Strips and Column Bases
- Blinding of Foundation Strips and Column Bases
- Blockwork in Foundation
- Reinforcement in foundation Columns
- Formwork in Foundation Columns
- Concrete works in Foundation Columns
- Backfilling of foundation to make up levels
- Compaction of Foundation
- Stabilization of Foundation with Hard Core

- Damp Proofing of Foundation
- Reinforcement of foundation Slab beams
- Formwork for foundation slabs
- Concrete work on foundation slab (Oversite concrete)
- Retaining Wall Construction in Classroom 6

B) Water Tank Tower and Septic Tanks

- Site Clearing
- Excavation of septic tank Pits and Foundation of water tank tower
- Blinding of septic tank base, column bases for water tank tower and block wall strip for septic tanks
- Reinforcement works in septic tanks and columns for water tank tower
- Block work in septic tank
- Formwork in septic tanks
- Concrete work on columns in septic tanks
- Concrete works in top beams of septic tanks
- Reinforcement, form work and concrete works on columns and intermediate beam of water tank tower
- Ditto to Water tank tower slab
- Rendering

C) Drilling Of Borehole and Installation of solar submersible pump

2.0 Particulars of Agencies

Financing Authority/ Client	FSL COMPANY LIMITED.
Consulting Architects and Engineers
Contractor	P & D Engineering and General Services 57 Campbell Street, Freetown
Project Title	Construction of a 6 No. Classrooms Secondary School Building

3.0 Consultant's Activities

Performance during Reporting Period

The consultants (supervising engineer) monitor/supervise the day to day work activities carried out by the Contractor to ensure that the work is carried out in the quality and quantity specified in the Contract Bills of Quantities. Ing Kadiatou Diakite and Mr Joseph Cole all of FSL Company all visited the site during the reporting period.

4.0 Contractor's Work to date

During the reporting period, the contractor was seen to have completed the Roof structure installation and roof coverings with the approved roof coverings by the consultant. Plastering and Screeding works is ongoing and has been completed in all Classrooms, offices, Library, Computer room and Kitchen areas. Ceiling works are also on going with carpentry works to receive hardboards all completed. Due to the delay in the material for covering the gables areas the hardboard installations was held up until all gable areas are covered to avoid rains to soak the hardboards. Electrical wiring (second fix) is ongoing and plumbing first fixes have been done.

Additional Works: the additional work are all ongoing after receiving conformation to process with them and would be completed within the next few days.

Refer to photos at the back.

The following has been achieved during the reporting period (1st July – 3rd August 2021):

Main Building - Foundation

Item	Activities	Percentage Of Work Completed	% variation (+/-)	Workdone during this period	Remarks
1	Site Clearing	100%		0%	Completed
2	Excavation	100%		0%	Completed
3	Concrete Blinding	100%		0%	Completed
4	Foundation Blockwork	100%		0%	Completed
5	Column Installation	100%		0%	Completed
6	Column Concrete work	100%		0%	Completed
7	Backfilling with Earth	100%		0%	Completed
8	Backfilling With Hardcore	100%		0%	Completed
9	Compaction	100%		0%	Completed
10	Damproofing	100%		0%	Completed
11	Reinforcement works on slab beams	100%		0%	Completed
12	Formwork on foundation slab	100%		0%	Completed
13	Reinforcement on Foundation slab with 6mm rods @ 250 mm spacing	100%		0%	Completed
14	Oversite concrete	100%		0%	Completed
15	Retaining Wall	100%		0%	Completed

The table above shows the amount of work carried out on the Foundation during the reporting period.

Main Building - Superstructure

Item	Activities	Percentage Of Work Completed	% variation (+/-)	Workdone during this period	Remarks
1	Block work	100%		0%	Completed
2	Column installations	100%		0%	Completed
3	Column Concrete Work	100%		30%	Completed
4	Lintels	100%		30%	Completed
5	Ring Beam reinforcement	100%		30%	Completed
6	Ring Beam Concrete Work	100%		100%	Completed
7	Clay Brick Installation	65%		0%	Completed
8	Roof Structure	100%		100%	Completed
9	Roof Covering	100%		100%	Completed
10	Electrical First Fixes	100%		100%	Completed
11	Plumbing First fixes	100%		100%	Completed
12	Electrical Second Fixes (Wiring)	60%		60%	Ongoing
13	Ceiling	75%		75%	Ongoing
14	Doors	25%		25%	Ongoing
15	Window	20%	100%	20%	Ongoing
16	Plastering	65%		65%	Ongoing
	ADDITIONAL WORKS				
17	Ramps and Railings	80%	80%	80%	Ongoing
18	Gable Covering	10%	10%	10%	Ongoing

The table above shows the amount of work carried out on the during the reporting period.

SEPTIC TANKS AND WATER TANK TOWER

Item	Activities	Percentage Of Work Completed	% variation (+/-)	Workdone during this period	Remarks
1	Site Clearing	100%	30%	100%	Completed
2	Excavation	100%	30%	100%	Completed
3	Concrete Blinding	100%	30%	100%	Completed
4	Blockwork	100%	30%	100%	Completed
5	Column Installation	100%	30%	100%	Completed
6	Column Concrete work	100%	30%	100%	Completed
7	Backfilling with Earth	0%	0%	0%	Yet to Start
8	Reinforcement works on slab and beams	100%	30%	100%	Completed
9	Formwork on slab	100%	100%	100%	Completed
10	Rendering	60%	60%	60%	Ongoing
11	Soak Away	0%	0%	0%	Yet to start

Table shows amount of work done on the Septic Tanks and Water Tank Tower during the reporting period

5.0 Quality Control / Assurance

During the reporting month it was observed that all materials used during construction works were up to standard and within specifications and were approved by the Supervising Engineer.

6.0 Observations /Comments

Work pace generally was satisfactory. There is a standard flow of material for ongoing works, and there is an appreciable of materials (cement, Reinforcement rods, sand, aggregates etc.) stockpiled on the site.

Generally, the weather during this reporting period is getting poor with heavy rains during the day and overnight.

Progress Photographs



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Photos Showing Plastering and Screeding Works in all classrooms, offices and Computer room and library







APPENDIX A: Contractor's Work Force on Site

Below is a list of the contractor's regular work force on site during the reporting period:

Designation	Number
Site Engineer	1
Foremen	2
Masons	10
Carpenters	15
Steel Benders	2
Laborers	15-25
Machine operators	2
Welders	1
Electricians	6
Plumbers	4

APPENDIX B: Contractor's Equipment on Site

The contractor has an appreciable amount of equipment and hand tools on the site

Item	Equipment or Tools	Quantity
1.	Concrete Mixer	1
2.	Poker Vibrator	1
3.	Trampling Hammer	1
4.	5 KVA Gen Set	1
5.	Shovels	20
6.	Headpans	35
7.	Pickaxe	10

APPENDIX C: Contractor's Materials On Site

The contractor is seen to have stock piled and appreciable amount of materials on the site to carry out the works.

Item	Materials	Quantity
1.	12mm Quarry Crushed Granite	25 cubic meters
2.	River sand	80-100 Cubic Meters
3.	Cement	200 bags
4.	12 mm Rods	
5.	6mm Rods	
6.	16 mm Rods	
7.		
8.		
9.		