CONSTRUCTION OF REINFORCED CONCRETE RAISED-PLATFORM WITH CONCRETE COLUMNS, BLOCKWORK OF DWARF WALLS AND ROOFED WITH CORRUGATED LONG SPAN ALLOY ALUMINIUM ROOFING SHEETS AT GODERICH

Bill of Quantities

Item No	Description	Units	Quantity	Unit Rate (Le)	Amount (Le)
1.00	**PRELIMINARIES**				
1.10	**MOBILIZATION** The contractor will mobilise and deliver to the site all relevant equipment, personel and materials necessary for the execution of the works	item	1		
1.2	**SITE OFFICE/STORE** Allow for providing suitable secure store for materials used for the project and also a Temporary secure office on site for the site Foreman-in-charge and other craftsmen,	item	1		
1.3	**INSURANCE/LICENSES** Provide insurance against injury to personnel Also make all arrangements for the issue of licenses, permit etc required by law for the execution of the contract	item	1		
1.4	**PROGRESS PHOTOGRAPHS** Progress photographs should be provided in intervals. Number and sizes of the photographs will be directed by the Supervising Engineer or his representative	item	1		
1.5	**DEMOBILIZATION** Allow for the demobilization of all plants equipment and personnel and left over materials on work completion. The surrounding within the building must be thoroughly cleared and cleaned befoe the final inspection and handling over the facilities to the Client.	item	1		
	Preliminaries carried to summary				

CONSTRUCTION OF REINFORCED CONCRETE RAISED-PLATFORM WITH CONCRETE COLUMNS, BLOCKWORK OF DWARF WALLS AND ROOFED WITH CORRUGATED LONG SPAN ALLOY ALUMINIUM ROOFING SHEETS AT GODERICH

Bill of Quantities

Item No	Description	Units	Quantity	Unit Rate (Le)	Amount (Le)
2.00	**SUBSTRUCTURE**				
2.1	**SITE CLEARANCE** Clear site of all rubbish from the construction site and its surrounding area 10 m from the proposed raised platform	lump Sum	1		
2.20	**SETTING OUT** Set out the raised-platform according to the drawings provided by the Engineer	Lump sum	1		
2.3	**EXCAVATION** Excavate the sandy ground to a depth of 600mm and wideness of 600 mm for the combined footing of the raised platform	m^3	30		
2.4	**CONCRETE WORKS**				
(a)	**Concrete Blinding:** 75mm thick concrete in 1:4:8 mix in the combined footing trenches	m^3	2.7		
(b)	**Reinforced concrete** 1:2:4 mix -19mm aggregates in (i) Combined footing based 300mm deep and 600mm wide	m^3	11		
	(ii) Columns (300 X 300) to height under the platform	m^3	3		
	(iii) Tie Beams under the Platform slab	m^3	5.5		
	(iv) Raised-Platform Slab (150 x 11900 x 5300) gentle slope & 3" dia. PVC drainage pipe as directe by Engineer	m^3	10.5		
	(V) Steps or Staircasses	m^3	1.2		
2.5	**RINFORCEMENT: BS 4449 HOT ROLLED PLAIN HIGH YIELD STEEL , STRAIGHT AND BENT IN** (i) Combined Footings: (a)12mm dia, (b) 10mm dia as stirrups	Tonne Tonne	0.4 0.55		
	(ii) Columns: (a) 12mm dia, 8mm dia as stirrup (b) 10mm as stirrup	Tonne Tonne	0.2 0.26		
	Substructure on Page 2 b/d				

CONSTRUCTION OF REINFORCED CONCRETE RAISED-PLATFORM WITH CONCRETE COLUMNS, BLOCKWORK OF DWARF WALLS AND ROOFED WITH CORRUGATED LONG SPAN ALLOY ALUMINIUM ROOFING SHEETS AT GODERICH

Bill of Quantities

Item No	Description	Units	Quantity	Unit Rate (Le)	Amount (Le)
	SUBSTRUCTURE summary on page 2 B/F				-
	SUBSTRUCTURE Works continues				
	RINFORCEMENT: BS 4449 HOT ROLLED PLAIN HIGH YIELD STEEL , STRAIGHT AND BENT IN				
	(iii) Tie Beam 12mm dia, 8mm dia as stirrup				
	(a) 12mm dia	tonne	0.25		
	(b) !0mm dia as stirrup	tonne	0.37		
	(iv) Raised-Platform Slab (300 x 11900 x 5300)				
	(a)16mm dia	tonne	0.77		
	(b) 12mm dia	tonne	0.44		
	(V) Steps or Staircasses				
	(a) 12mm dia	tonne	0.12		
	(b) 10mm as stirrup	tonne	0.08		
2.6	**FORM WORK: PROVIDE AND FIX SAWN FORMWORK TO,**				
	(i) To sides of combined Footings	m^2	40		
	(ii) TO sides of Columns	m^2	41		
	(iii) To sides and bottoms of Tie Beam and raised platform	m^2	64		
	(v) To sides and Bottom steps or staircases	m^2	10		
	SUBSTRUCTURE CARRIED TO SUMMARY				-

CONSTRUCTION OF REINFORCED CONCRETE RAISED-PLATFORM WITH CONCRETE COLUMNS, BLOCKWORK OF DWARF WALLS AND ROOFED WITH CORRUGATED LONG SPAN ALLOY ALUMINIUM ROOFING SHEETS AT GODERICH

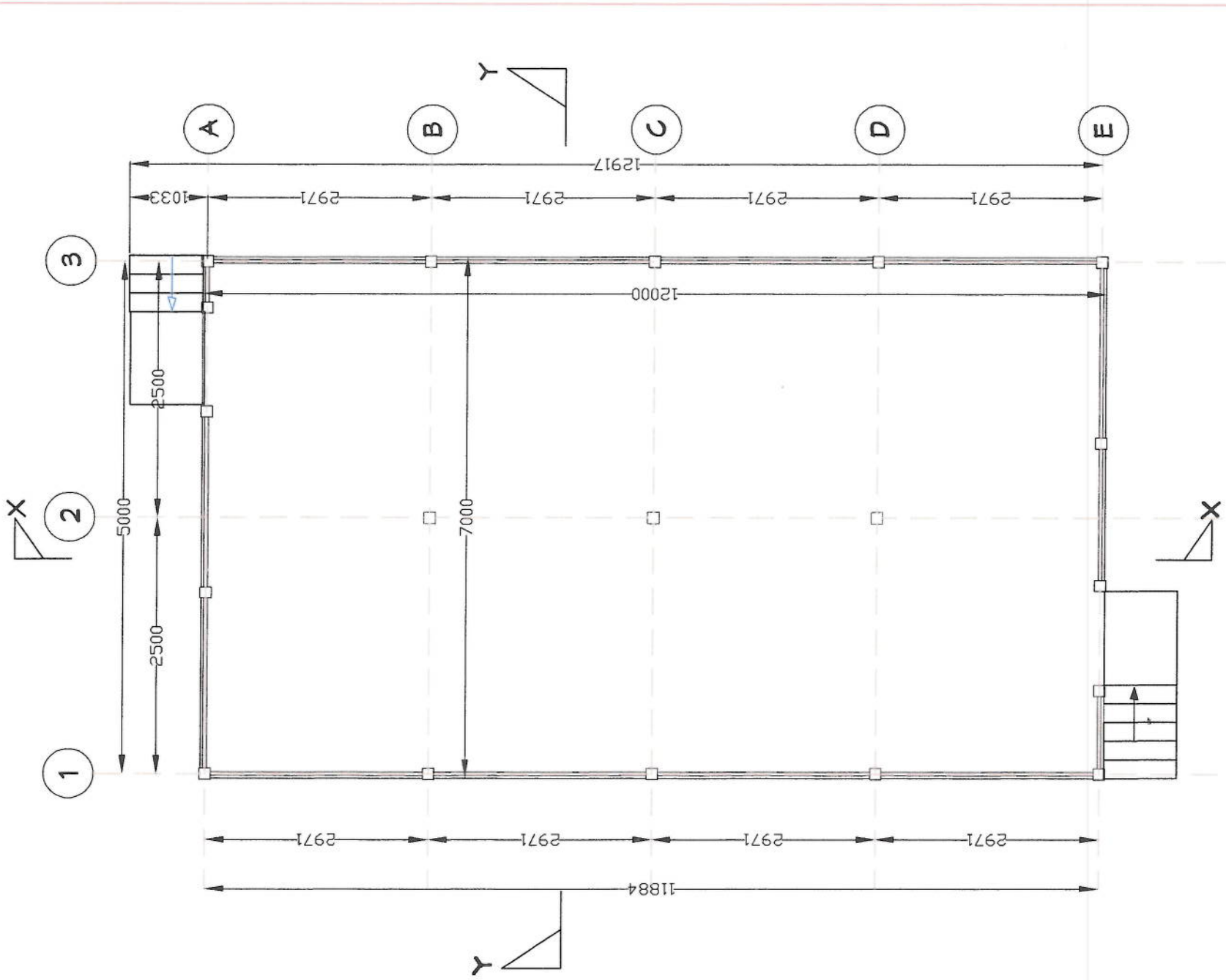
Bill of Quantities

Item No	Description	Units	Quantity	Unit Rate (Le)	Amount (Le)
3.00	**SUPERSTRUCTURE**				
3.10	**Blockwork:** Provode dense sancrete blocks dimensions 450 x225 x150 in cement mortar (1:6) mix stretcher bond"				
3.12	Dwarf Wall according to drawings	m^2	38		
3.13	Blockwork to gable roof end walls	m^2	12		
3.20	**CONCRETEWORKS 1:2:4 mix 19mm aggregates in**				
3.21	Columns and Tie beams	m^3	11.5		
3.3	**RINFORCEMENT: BS 4449 HOT ROLLED PLAIN HIGH YIELD STEEL , STRAIGHT AND BENT IN**				
3.31	Columns and Tie Beams				
	(a) 12mm dia	tonne	0.31		
	(b) 10mm dia as stirrups	tonne	0.3		
3.40	**PLASTER WORKS (rendering):** plaster, cement and sand (1:4) rendering 12mm thick, steel trowelled in				
3.41	Blockwork (Externally and Internally)	m^2	76		
3.42	Colouns and Tie Beams	m^2	90		
3.43	Steps or staircasses	m^2	12		
3.44	Roof Gable ends	m^2	8		
3.50	**PAINTING**				
	Preparing one mist coat, one undercoat and two full coats textcoste paint in				
3.51	Footings, Dwraf walls (externally and internally)	m^2	142		
3.52	Roof Gable ends and side of steps	m^2	24		
	SUPERSTRUCTURE CARRIED TO SUMMARY				

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Bill of Quantities

Item No	Description	Units	Quantity	Unit Rate (Le)	Amount (Le)
	SUMMARY				
1.00	PRELIMINARIES				-
2.00	SUBSTRUCTURE				
3.00	SUPERSTRUCTURES				-
4.00	ROOF STRUCTURE AND COVERINGS				-
5.00	COST OF CONSTRUCTION				
6.00	CONTINGENCY 5%				-
7.00	GRAND TOTAL COST OF CONSTRUCTION				-
	In words				



NOTE

1. All block wall thickness = 225mm except otherwise stated
2. Cover to reinforcement must not be less than 25mm.
3. All lap length should be 45D.

DESIGN CONSULTANT

PRIVATE CONSULTANT
Technical and Architectural design
Engineers/AutoCAD technicians

Contact: +23278486559/+23218218920

Drawn by:	Ing Aroun Rashid Wilson
Checked by:	Ing Sahr J.N. Mbayi

PROJECT

PROPOSED CONSTRUCTION OF PLATTFORM

LOCATION

GODRICH

CLIENT

UNDP

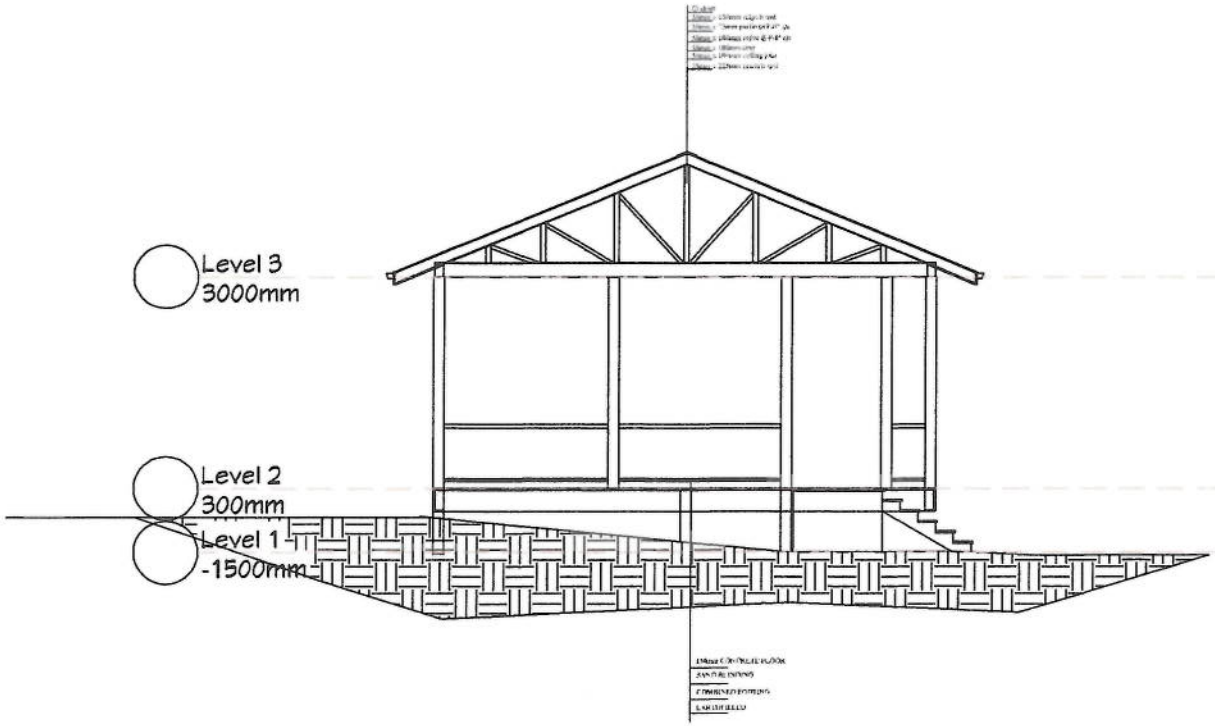
DRAWING DESCRIPTION

PLAN VIEW

Scale: 1:100

Date:	NOVEMBER

Drawing Number	Revision
P02	



NOTE

1. All block wall thickness = 225mm except otherwise stated.
2. Cover to reinforcement must not be less than 25mm.
3. All lap length should be 450

DESIGN CONSULTANT

PRIVATE CONSULTANT
Technical and Architectural design
Engineers/AutoCAD technicians
Contact: +23276634956+23278496858

Drawn By:	Ing Aroun Rashid Kallon
Checked By:	Ing Sahr J.N. Nbayo

PROJECT

PROPOSED CONSTRUCTION OF PLATTFORM

LOCATION

TURTLE ISLAND
CHOPPO

CLIENT

UNDP

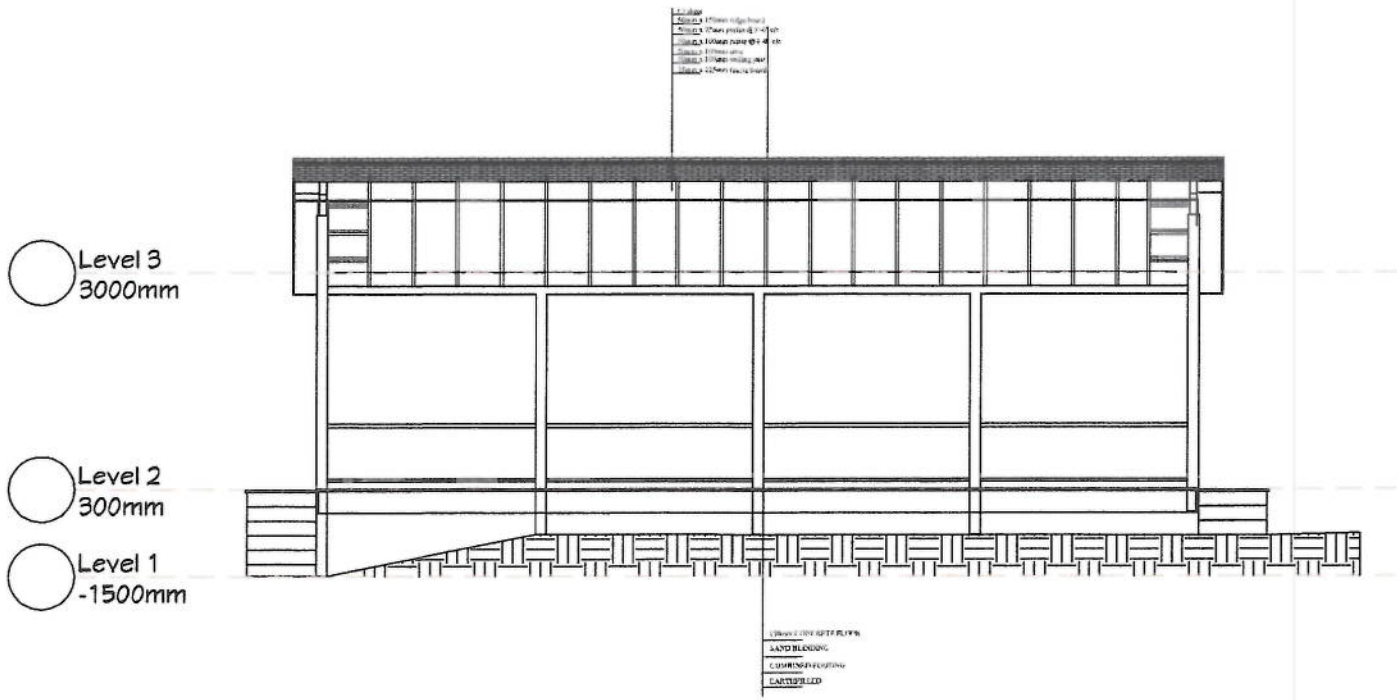
DRAWING DESCRIPTION

SECTION Y-Y

Scale: 1:100

Date: NOVEMBER

Drawing Number	Revision
P04	



NOTE

1. All block wall thickness = 225mm except otherwise stated.
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3. All lap length should be 45D.

DESIGN CONSULTANT

PRIVATE CONSULTANT
Technical and Architectural design
Engineers/AutoCAD technicians

Contact: +2921669496+2921646556

Drawn by:	Ing Anton Rashid Pillam
Checked by:	Ing Bah. J.N. Mbayo

PROJECT

PROPOSED CONSTRUCTION OF PLATTFORM

LOCATION

GODRICH

CLIENT

UNDP

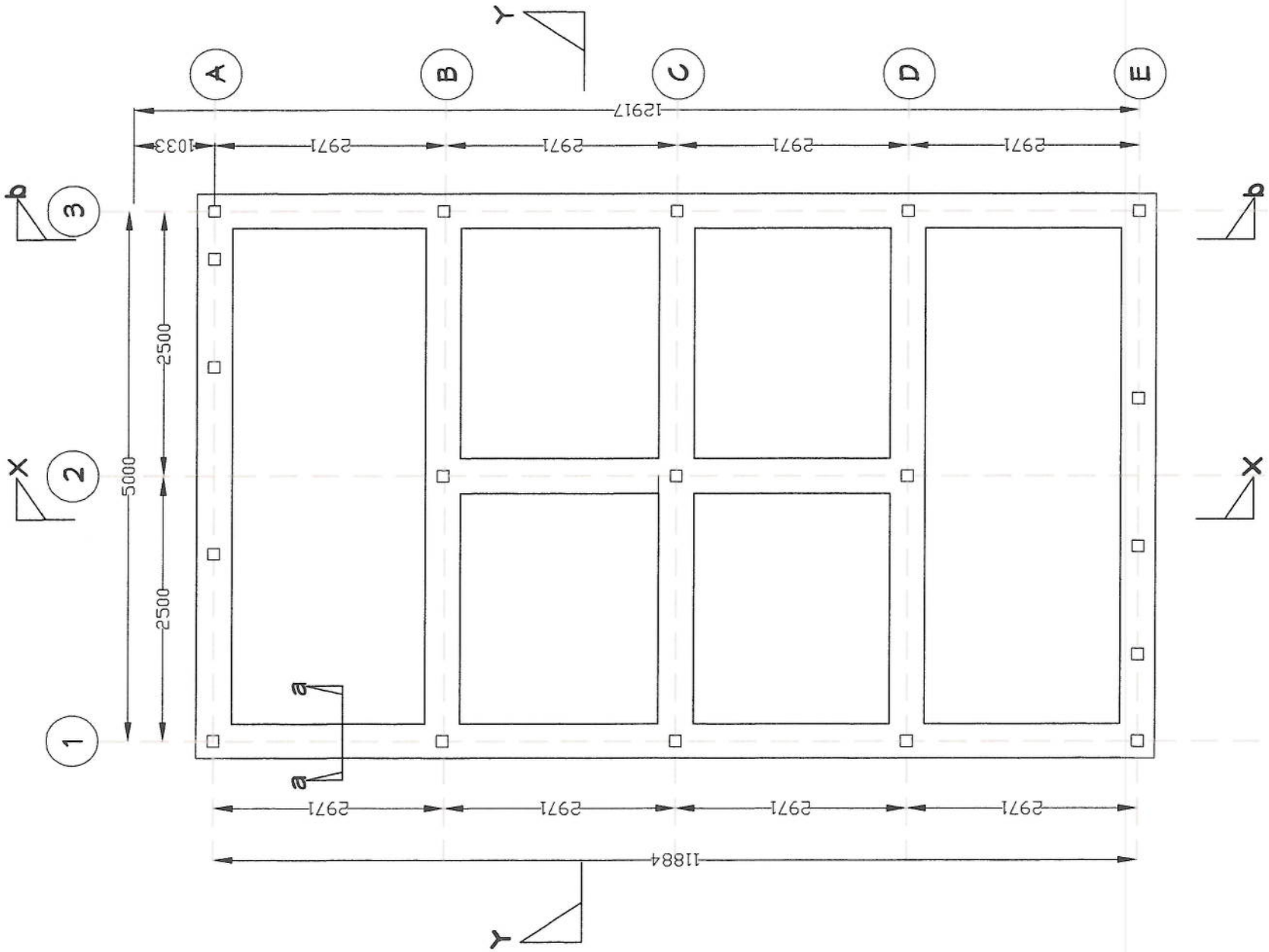
DRAWING DESCRIPTION

SECTION X-X

Scale: 1:100

Date: NOVEMBER

Drawing Number	Revision
P03	



NOTE

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DESIGN CONSULTANT

PRIVATE CONSULTANT
Technical and Architectural design
Engineers/AutoCAD technicians
Contact: +23276496558/+23276218620

Drawn by:	Ing Aroun Rashid Wilson
Checked by:	Ing Sahr J.M. Mbayo

PROJECT

PROPOSED CONSTRUCTION OF PLATTFORM

LOCATION

GODRICH

CLIENT

UNDP

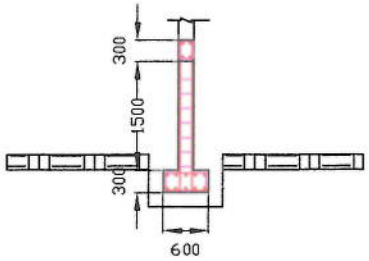
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FOUNDATION PLAN

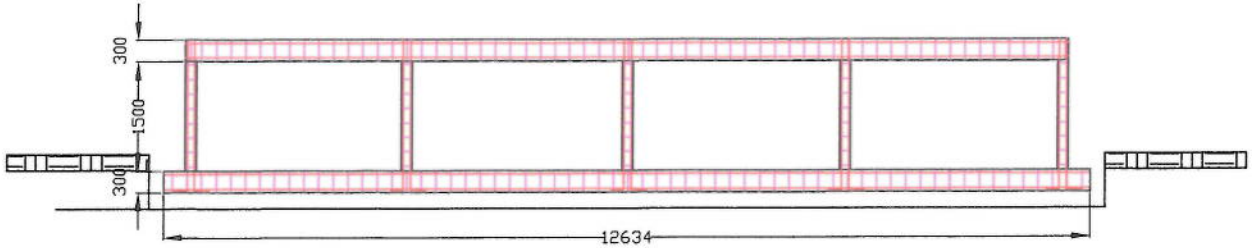
Scale: 1:100

Date:	NOVEMBER

Drawing Number	Revision
P01	



section a-a



section b-b

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DESIGN CONSULTANT

PRIVATE CONSULTANT
Technical and Architectural design Engineers/AutoCAD technicians
Contact: +23218495881/+23218218320

Drawn by:	Ing Anum Rashid Allieu
Checked by:	Ing Sahr J.N. Nsaju

PROJECT

PROPOSED CONSTRUCTION OF PLATTFORM

LOCATION

GODRICH

CLIENT

UNDP

DRAWING DESCRIPTION

FOUNDATION DETAIL

Scale: 1:100

Date:	NOVEMBER

Drawing Number	Revision
P01	



NOTE

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DESIGN CONSULTANT

PRIVATE CONSULTANT
Technical and Architectural design Engineers/AutoCAD technicians
Contact: +2327669456+2327848668

Drawn by:	Ing Arbun Rashid Wilson
Checked by:	Ing Sahr J.N. Mbayo

PROJECT

PROPOSED CONSTRUCTION OF PLATTFORM

LOCATION

GODRICH

CLIENT

UNDP

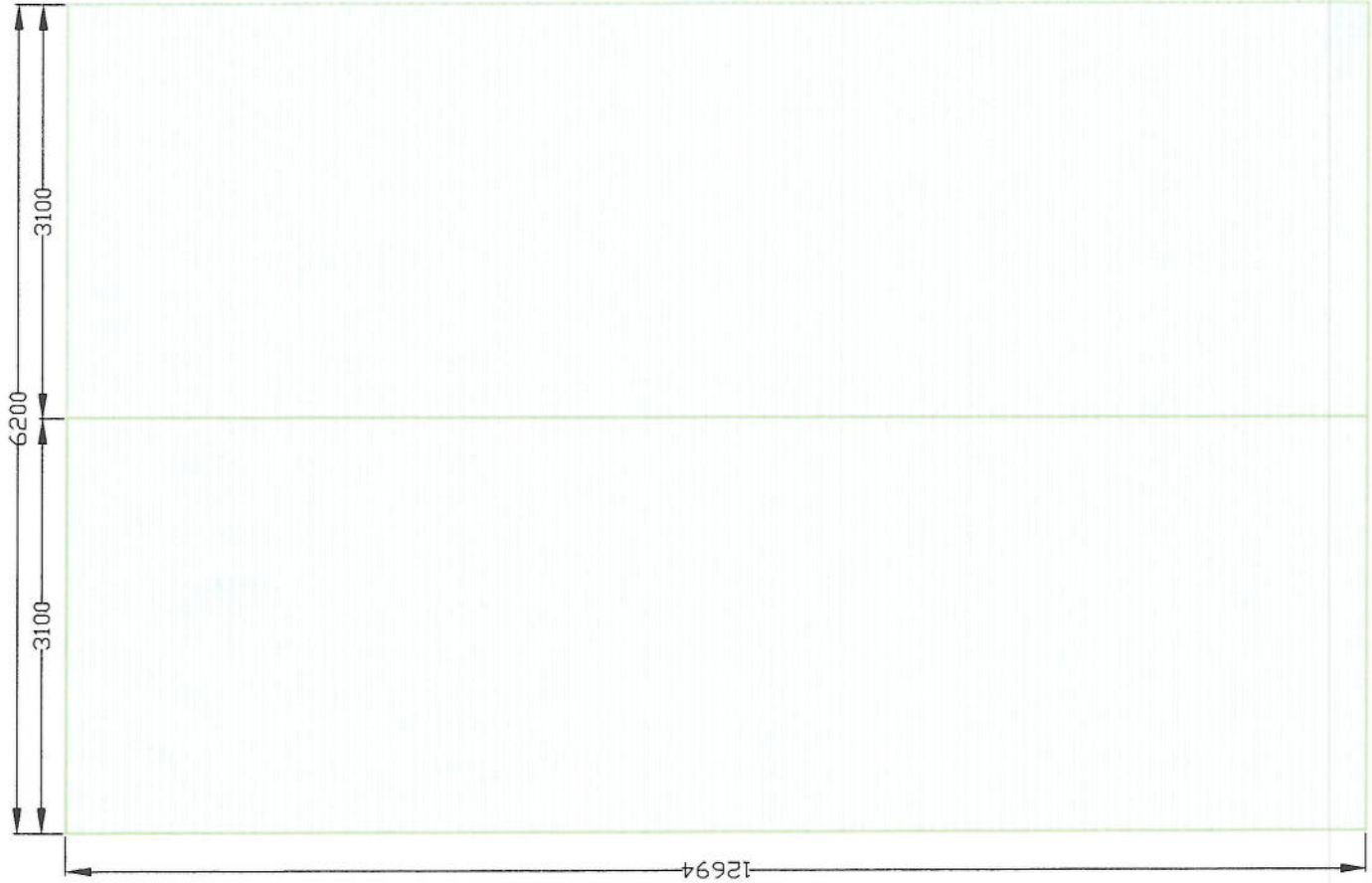
DRAWING DESCRIPTION

PERSPECTIVE VIEW 1

Scale: 1:100

Date:	NOVEMBER

Drawing Number	Revision
P09	



NOTE

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DESIGN CONSULTANT

PRIVATE CONSULTANT
Technical and Architectural design
Engineers/AutoCAD technicians
Contact: +23218496558/+23218218820

Drawn by:	Ing Aroun Rashid Kelson
Checked by:	Ing Serr J.N Nkeya

PROJECT

PROPOSED CONSTRUCTION OF PLATTFORM

LOCATION

GODRICH

CLIENT

UNDP

DRAWING DESCRIPTION

ROOF PLAN

Scale: 1:100

Date:	NOVEMBER

Drawing Number	Revision
P11	



NOTE

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DESIGN CONSULTANT

PRIVATE CONSULTANT
Technical and Architectural design Engineers/AutoCAD technicians
Contact: +23276609956+23278996556

Drawn by:	Ing Aroun Rashid Pkeon
Checked by:	Ing Bahr J.N. Mbayo

PROJECT

PROPOSED CONSTRUCTION OF PLATTFORM

LOCATION

GODRICH

CLIENT

UNDP

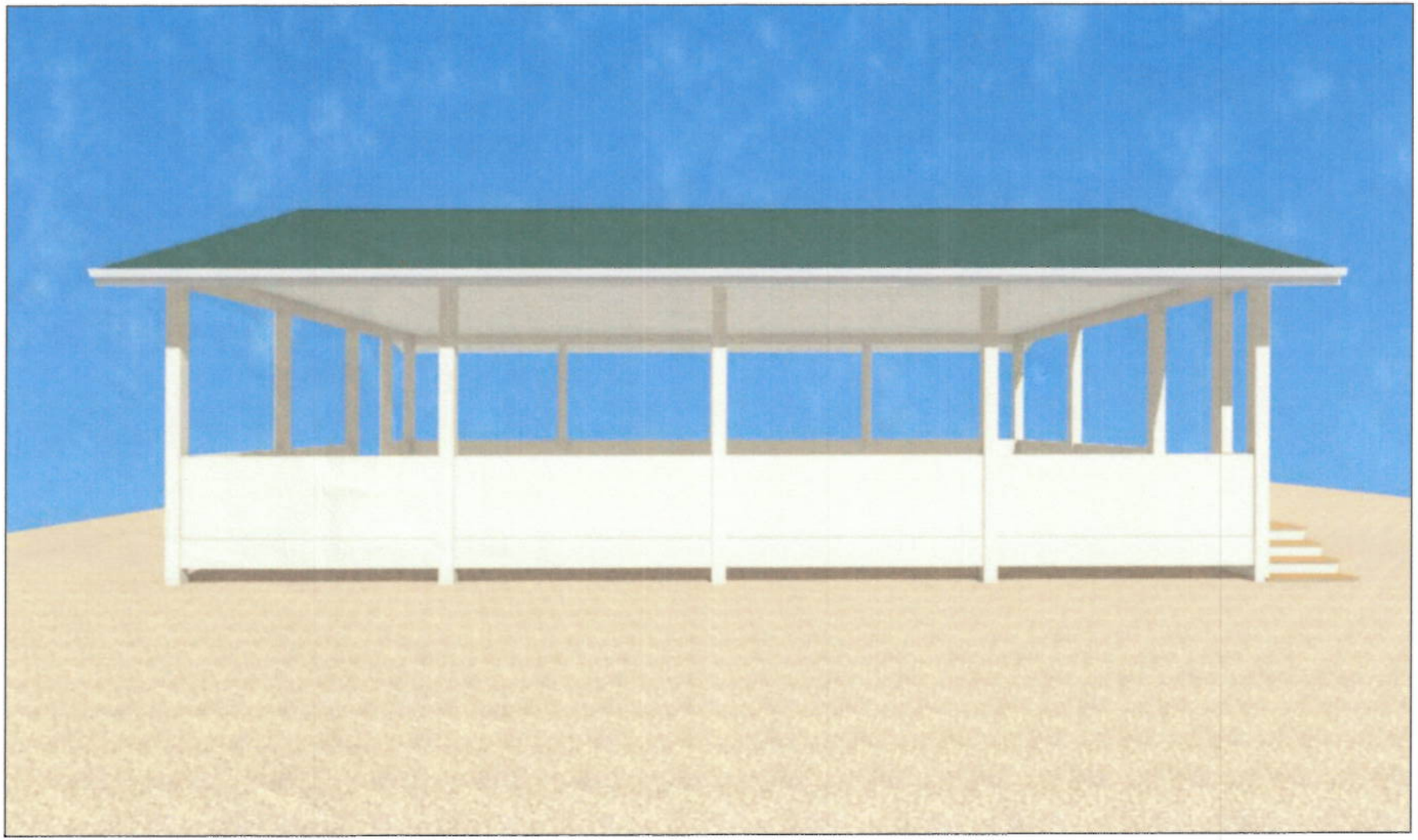
DRAWING DESCRIPTION

RIGHT VIEW

Scale: 1:100

Date:	NOVEMBER

Drawing Number	Revision
P06	



NOTE

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3. All lap length should be 45D.

DESIGN CONSULTANT

PRIVATE CONSULTANT
Technical and Architectural design Engineers/AutoCAD technicians
Contact: +23276894958+23278496658

Drawn by:	Ing Aroun Rashid Millah
Checked by:	Ing Sahr J.N. Mbayo

PROJECT

PROPOSED CONSTRUCTION OF PLATTFORM

LOCATION

GODRICH

CLIENT

UNDP

DRAWING DESCRIPTION

REAR VIEW

Scale: 1:100

Date:	NOVEMBER

Drawing Number	Revision
P08	