

CONSTRUCTION SPECIFICATION

BLOCKWORK

CONCRETE

WALL

330x190x90 blocks laid in stretcher bond Mortar joints of 10mm or 1:3 cement to sand mix.

Water/Cement Ratio of 0.75

Floor Slab laid upon DPC sheeting, 50mm consolidated hardcore

150mm wall

All steel reinforcement to be Grade 300MPa Minimum

• NO MORE THAN 2 STOREYS or 6m HIGH to EAVES and 8.5m to HIGHEST POINT OF ROOF

• TOP OF WALLS MUST BE SUPPORTED BY ROOF OR FLOOR SLAB

• REINFORCED MASONRY OR REINFORCED CONCRETE FOOTING

• CEILINGS AND ROOF FRAMING MUST BE OF TIMBER CONSTRUCTION

• USEAGE may not be for anything other than GENERAL AREAS OF HOMES and BALCONIES must be of HEIGHT LESS THAN 1M

TIMBER

ROOF SHEETING

Zincalume roofing fixed onto timber purlins (refer drawing for sizes and spacings) with roofing fix nuts along all purlins. Slatation under roof sheetings

CEILING

hardboard lining to ceiling nailed to 50x50 nogging fixed under bottom chords @600 c-c both ways

GUTTERING

200x150 alum gutter fixed with brackets @600 c-c onto fascia board 200x25

• GROUT

Grout to consist of 1:2.4 concrete mix (10mm aggregate) with Water/Cement ratio of 1.0 and at least 300kg Cement per m3.

STEEL

All steel reinforcement to be Grade 300MPa

Minimum

DESIGN SECTION		Sheet title	Truss Detail	Project No.
PHONE NO. 26192		Associated drawing		
Drawn By <i>BR</i> <i>BRimatu</i>	Checked by <i>Trebau</i>	Title <i>Architect</i>	Date <i>22/03/21</i>	Project No.
Approved by <i>Ministry of Education</i>	Quality Unit <i>Structural Engineer</i>	File No. <i>Client</i>	Scale as mentioned	Date <i>03/04/2007</i>
			8 of 9	Drawing No. 008

Job Title
2 UNITS CLASSROOM + Computer Lab

Full name
Signature

Title
Date

Date
Amendments

Date
Letter

Date
Comments

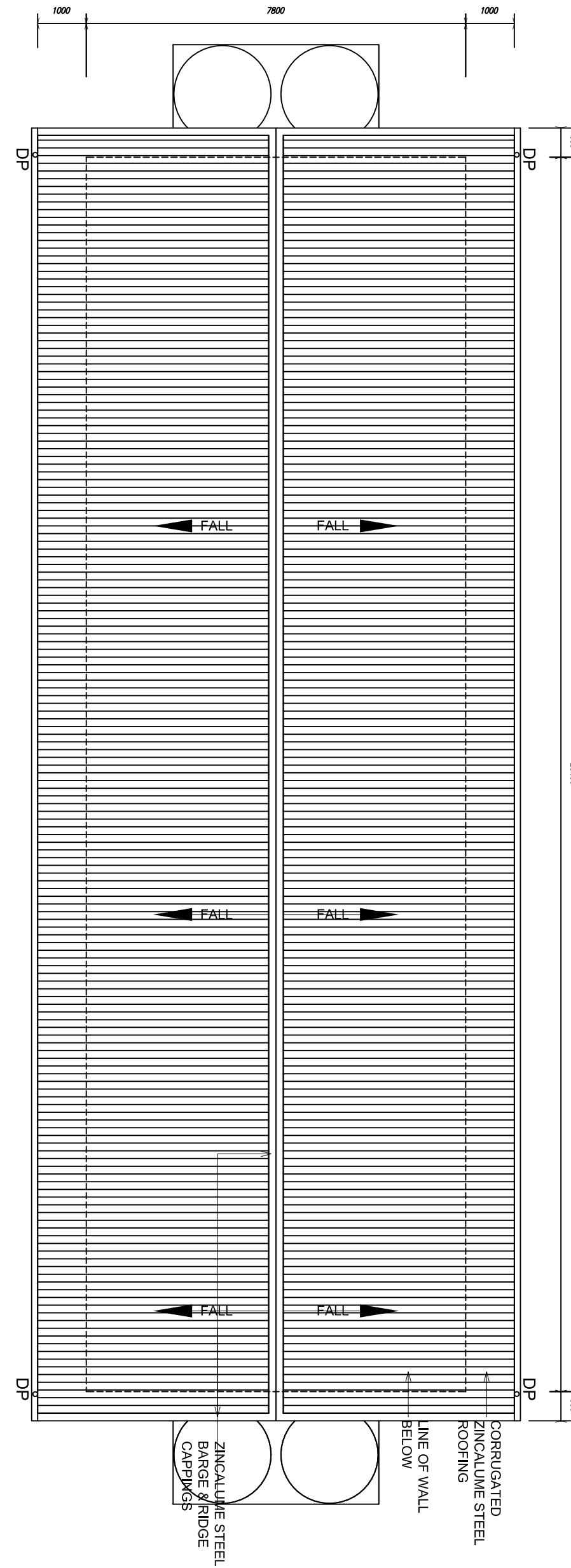
Date
Approved

PWD

MINISTRY OF WORKS & ENERGY
PO BOX 438 BETO TARAWA
REPUBLIC OF KIRIBATI
CENTRAL PACIFIC

ROOF FRAMING PLAN

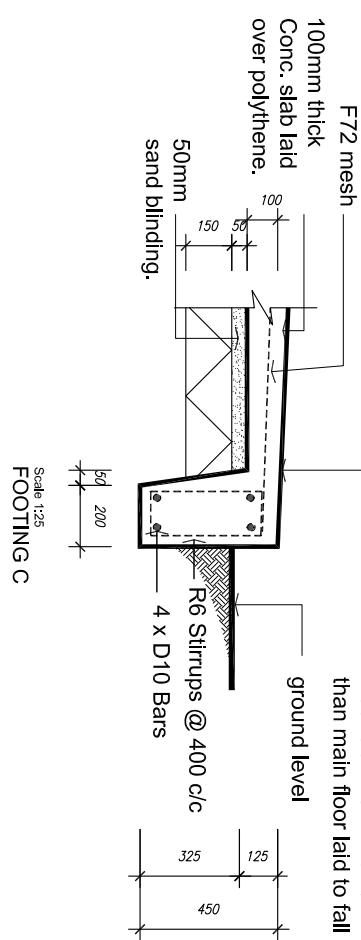
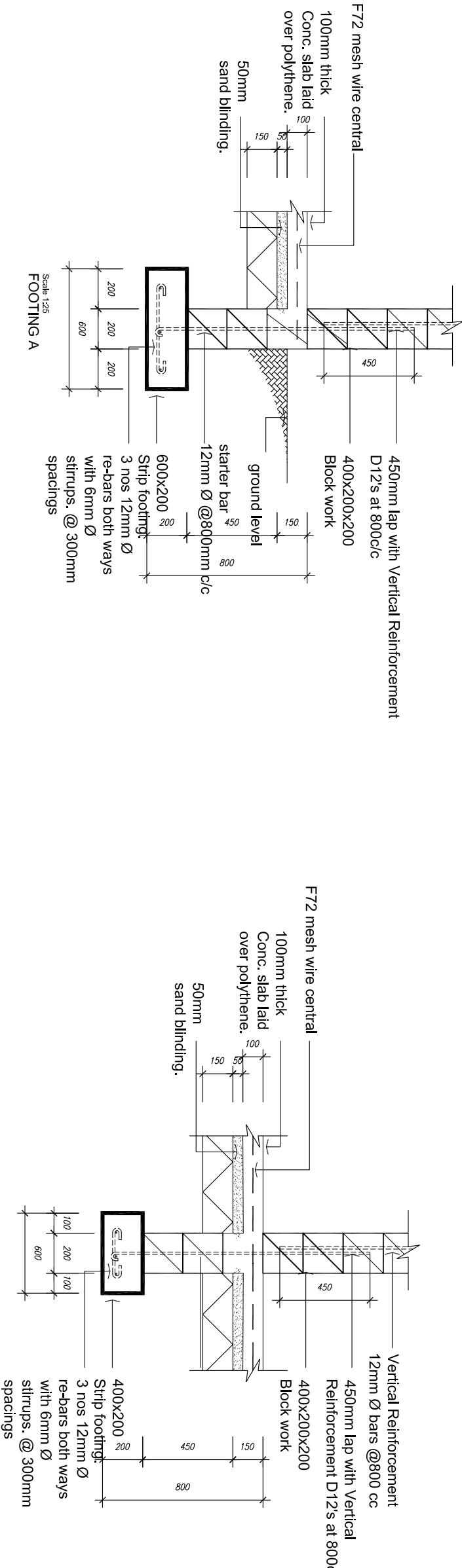
2 UNITS CLASSROOM + Computer Lab		DESIGN SECTION	
Job Title	Issued to	Date	Letter
Full name	Signature	Title	Amendments
Drawn Checked Approved	Brimatu Trebou Ministry of Education	Architect Senior Architect Structural Engineer	22/03/21
PHONE NO. 26192		Associated drawing	Sheet title
PWD		Project No.	Truss Plan
MINISTRY OF WORKS & ENERGY PO BOX 438 BETO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC		Technical File No.	Ref.
Scale 1: 100	Date 03/04/2007	Drawing No. 007	Computer
7 of 9 sht			



Scale 1:100
ROOF PLAN

Job Title		Date		Letter		Amendments	
2 UNITS CLASSROOM + Computer Lab							
Full name	Signature	Title	Date				
Drawn Brimotu	Brimotu	Architect	22/03/21				
Checked Trebau		Senior Architect					
Approved Ministry of Education		Structural Engineer					
Approved Client		Client					

DESIGN SECTION		Sheet title		Roof Plan			
		Associated drawing		Project No.			
		Technical File No.		Computer ref.			
MINISTRY OF WORKS & ENERGY PO BOX 438 BETIO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC	PWD	Scale 1: 100	Date 03/04/2007	6 of 9 sht	Drawing No. 006		



Scale 1:25

FOOTING A

Scale 1:25

FOOTING C

STANDARD DETAILS MAY BE USED FOR BUILDINGS WITH THE FOLLOWING PROPERTIES:			
• NO MORE THAN 2 STOREYS or 6m HIGH to EAVES and 8.5m to HIGHEST POINT OF ROOF	• TOP OF WALLS MUST BE SUPPORTED BY ROOF OR FLOOR SLAB	• REINFORCED MASONRY OR REINFORCED CONCRETE FOOTING	
• TIMBER FRAMED WALLS MUST NOT SUPPORT MASONRY WALLS ABOVE			
• WALLS MUST NOT BE OF THICKNESS LESS THAN THE FLOOR ABOVE			
• CEILINGS AND ROOF FRAMING MUST BE OF TIMBER CONSTRUCTION			
• USAGE may not be for anything other than GENERAL AREAS OF HOMES, and BALCONIES must be of HEIGHT LESS THAN 1M			

Job Title	Full name	Signature	Title	Date	Letter	Amendments	Date
2 UNITS CLASSROOM + Computer Lab							
Drawn	BR	Briffman	Architect	22/03/21			
Checked	BRimatu		Senior Architect				
Approved	Quality Unit		Structural Engineer				
	Ministry of Education		Client				

DESIGN SECTION

PHONE NO. 26192

PWD

MINISTRY OF WORKS & ENERGY
PO BOX 428 BETIO TARAWA
REPUBLIC OF KIRIBATI
CENTRAL PACIFIC

Sheet title

Footing Detail

Associated drawing

Project No.

Technical File No.

Computer ref.

Scale 1:25

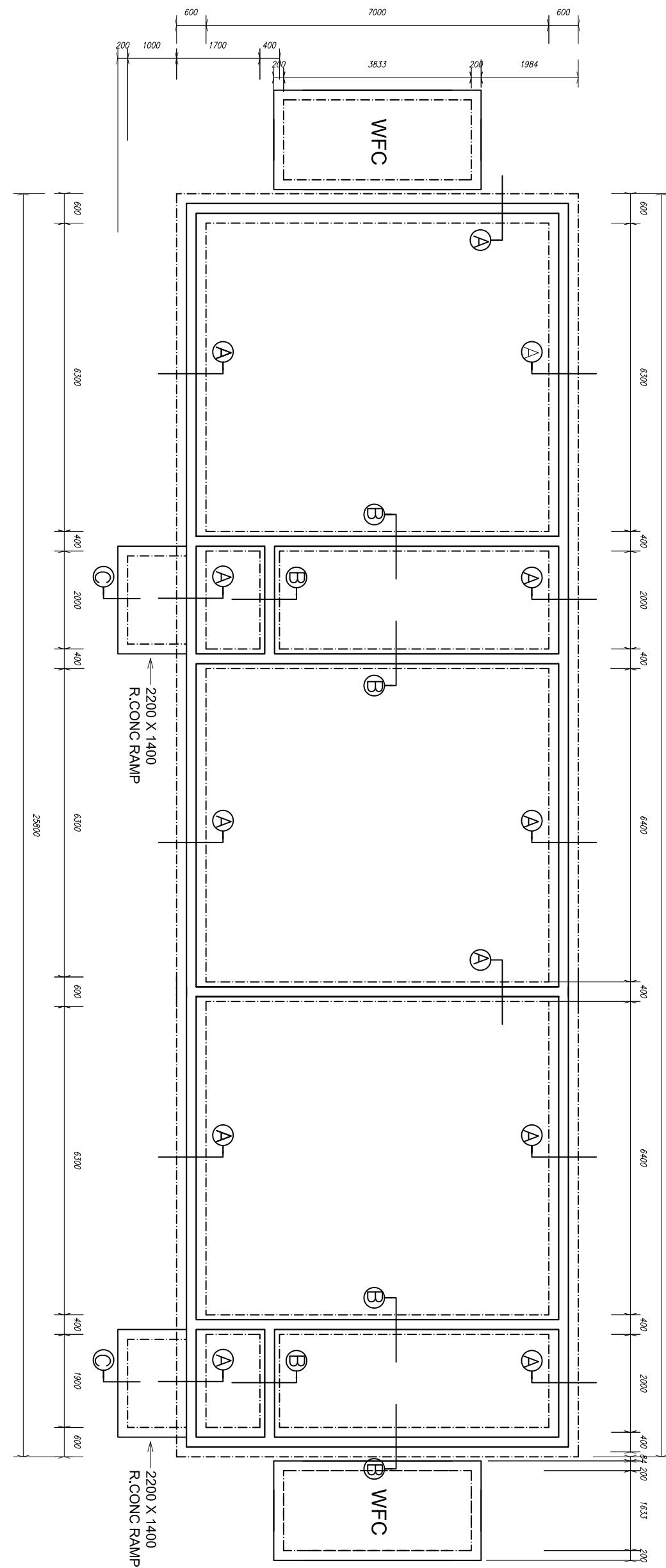
Date

Drawing No.

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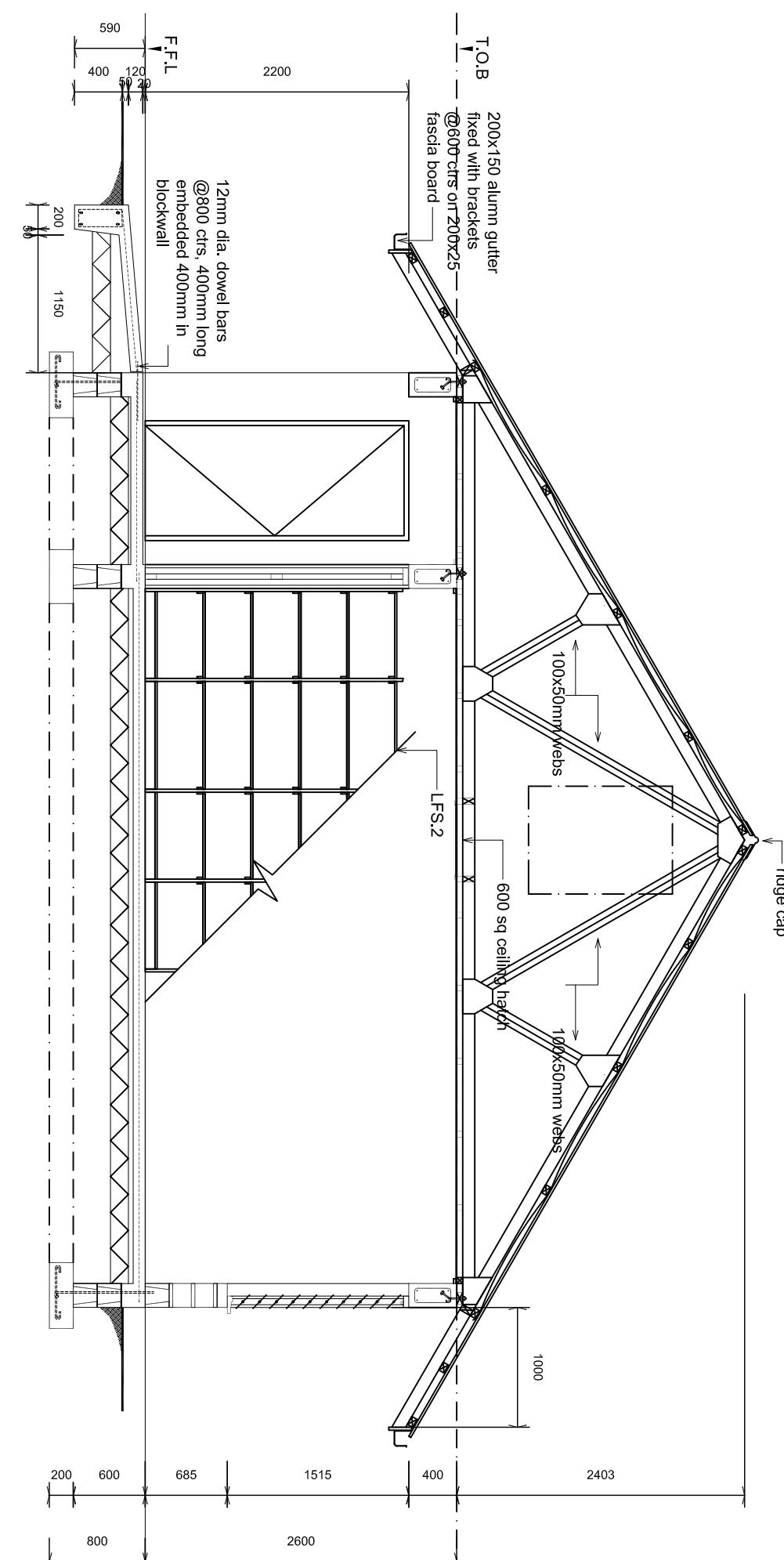
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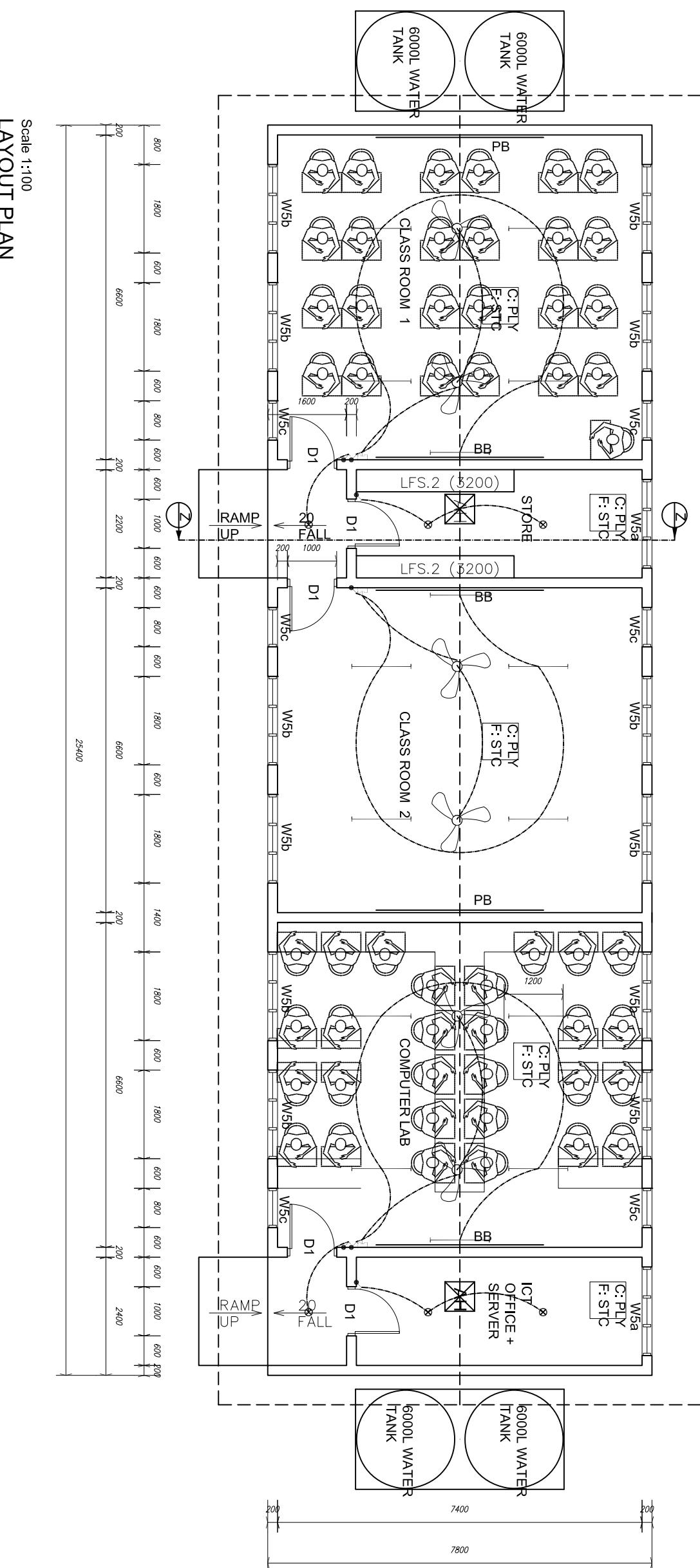


Scale 1:100
FOUNDATION PLAN

Job Title		Date		Letter		Amendments	
2 UNITS CLASSROOM + Computer Lab							
Full name		Signature		Title		Date	
Drawn	BR	Profession		Architect		22/03/21	
Checked	Brimatu	Architect		Senior Architect			
Approved	Tebau	Structural Engineer					
Approved	Ministry of Education	Client					
MINISTRY OF WORKS & ENERGY PO BOX 438 BETO TARAWA REPUBLIC OF KIRIBATI CENTRAL PACIFIC							
PWD		DESIGN SECTION PHONE NO. 26192		Sheet title Foundation Plan			
				Associated drawing Project No.			
				Technical Computer ref.			
File No.		Scale 1: 100		Date		Drawing No.	
		4 of 9 sht		03/04/2007		004	



Typ. 200mm wide blockwall



Job Title		DESIGN SECTION		Sheet title		Layout Plan	
2 UNITS CLASSROOM + Computer Lab		PHONE NO. 26192		Associated drawing		Project No.	
Drawn	Signature	Title	Date	Technical File No.	Computer ref.	Ref.	Date
Drawn BR Brimatu	Signature Architect	Architect	22/03/21				
Checked Tebau		Senior Architect					
Approved Quality Unit		Structural Engineer					
Approved Ministry of Education		Client					

PWD
MINISTRY OF WORKS & ENERGY
PO BOX 438 BETIO TARAWA
REPUBLIC OF KIRIBATI
CENTRAL PACIFIC

Scale 1: 100
2 of 9 sht
Date 03/04/2007
Drawing No. 001