

WEZESHA BINTI PROJECT:
CONSTRUCTION OF DORMITORIES AND SWASH AT KIGOMA REGION.

A R C H I T E C T U R A L D R A W I N G S

**HOSTEL BUILDING
CAPACITY FOR 120 STUDENTS**

CLIENT :



THE UNITED REPUBLIC OF TANZANIA
PRESIDENT'S OFFICE REGIONAL
ADMINISTRATION AND LOCAL GOVERNMENT
KIGOMA REGION -RAS OFFICE

P.O BOX 125
ras@kigoma.go.tz

DONOR:



WEZESHA BINTI PROJECT - ENABEL
BELGIAN DEVELOPMENT AGENCY
P.O BOX 24 KIGOMA
TANZANIA

CONSULTANT :



PEAKEY INTERNATIONAL CONSULTING
ENGINEERING
Consulting Excellence

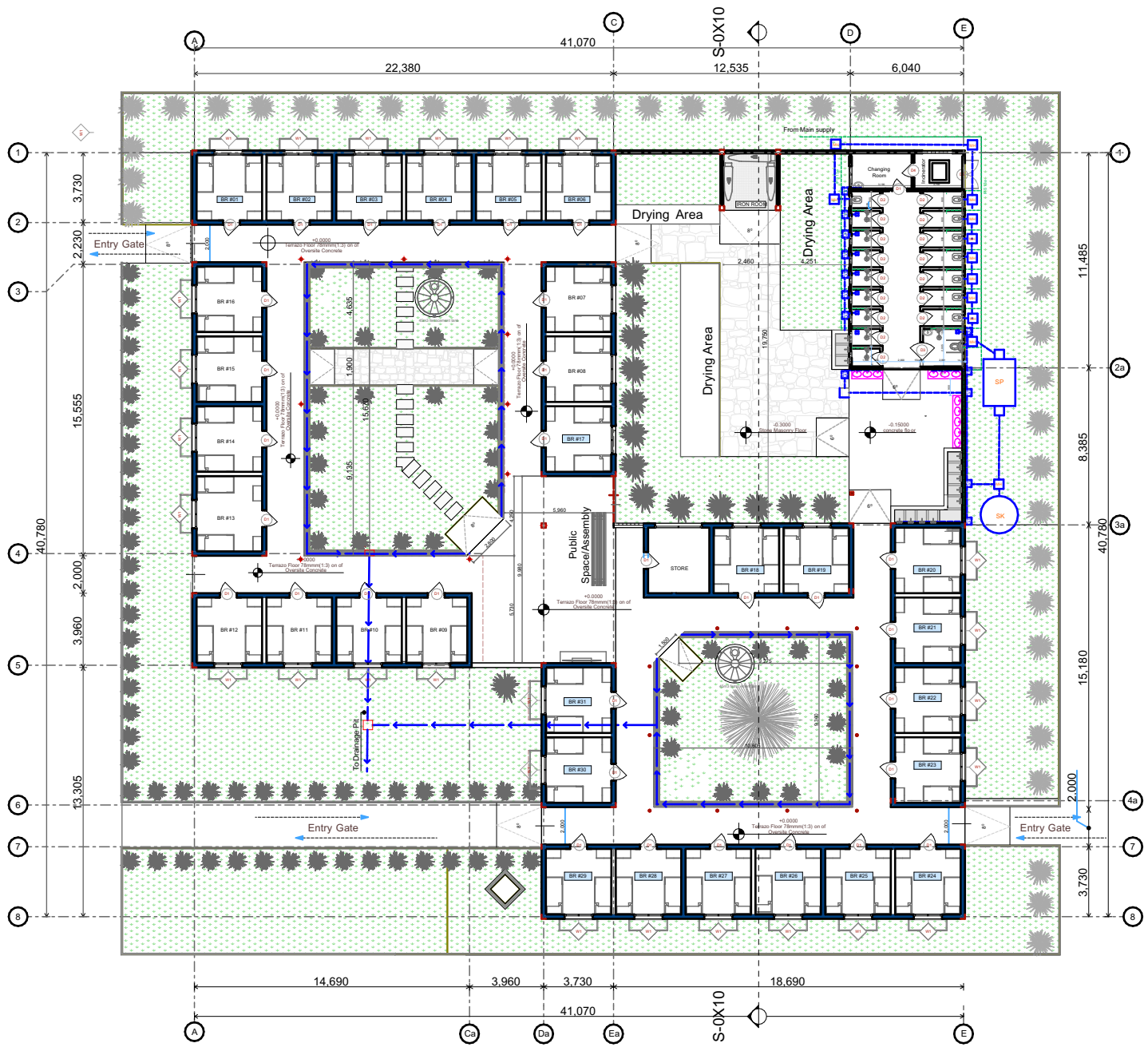
Peakey International Consulting
Engineering Co. Ltd



 WEZESHA BINTI PROJECT CONSTRUCTION OF DORMITORIES AND BOYS SWASH AT KIGOMA REGION		Client		REGIONAL COMMISSIONERS OFFICE KIGOMA	Drawing Title	3D VIEWS
		Kigoma MC	Kigoma DC		Date	JULY, 2025
		Kasulu TC	Kasulu DC		Scale	1:85
		Kibondo DC			Design by	ENABEL
					Checked by	PEAKEY INTERNATIONAL
					Approved by	RE- RAS OFFICE KIGOMA



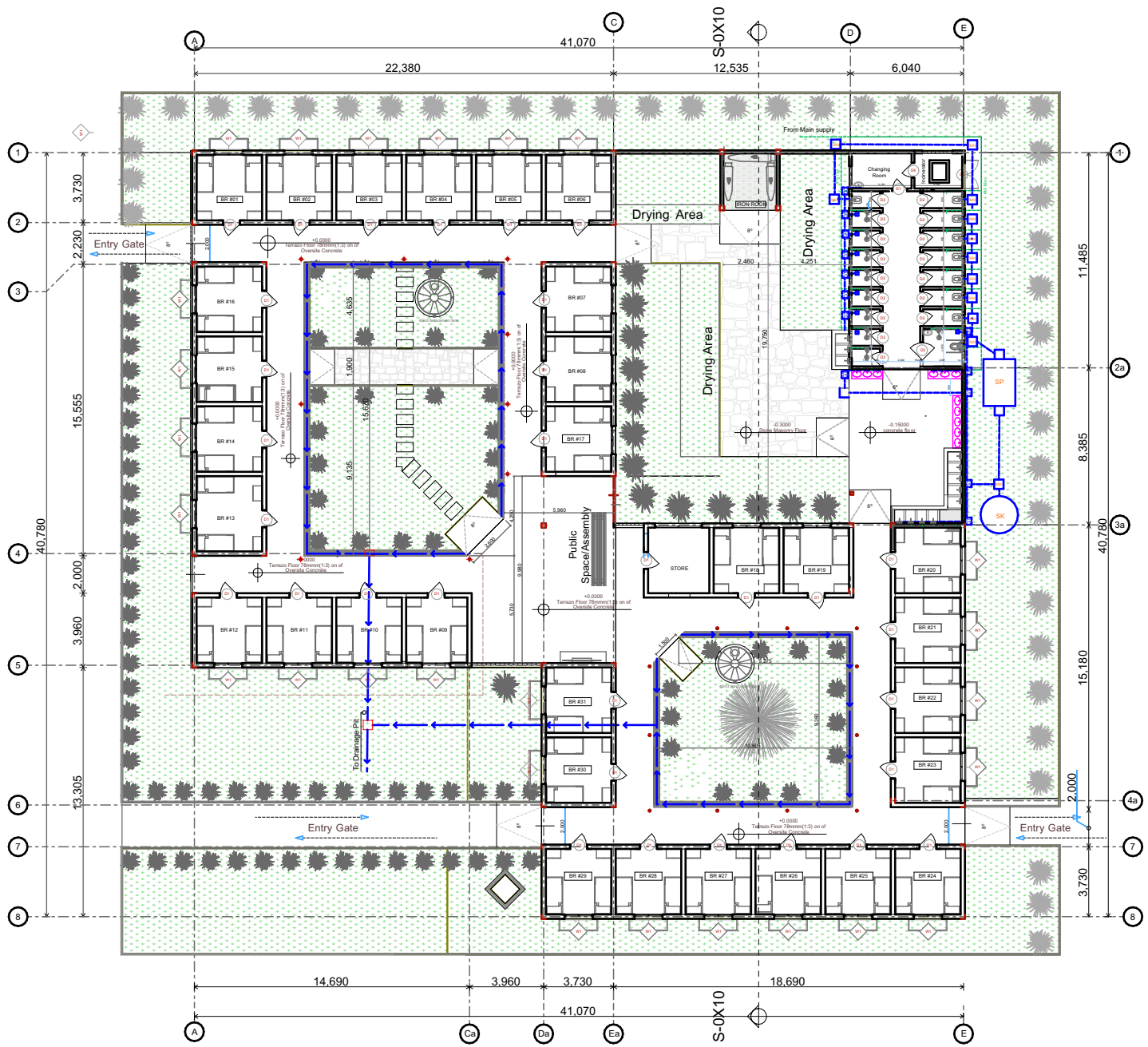
 WEZESHA BINTI PROJECT CONSTRUCTION OF DORMITORIES AND BOYS SWASH AT KIGOMA REGION		Kigoma MC		Client	REGIONAL COMMISSIONERS OFFICE KIGOMA	Drawing Title	3D VIEWS
		Kigoma DC				Date	JULY, 2025
		Kasulu TC				Supervisor	Scale
		Kasulu DC		Donor	PEAKEY INTERNATIONAL CONSULTING ENGINEERING	Design by	ENABEL
		Kibondo DC			WEZESHA BINTI, ENABEL, Belgian Development Agency P.O. Box 24 Kigoma, Tanzania	Checked by	PEAKEY INTERNATIONAL
						Approved by	RE- RAS OFFICE- KIGOMA



WEZESHA BINTI PROJECT:
CONSTRUCTION OF DORMITORIES
AND BOYS SWASH AT KIGOMA REGION



	Kigoma MC	Client	REGIONAL COMMISSIONER'S OFFICE - KIGOMA	Drawing Title	SITELAYOUT
	Kigoma DC			Date	DECEMBER 2024
	Kasulu TC			Scale	1:85
	Kasulu DC	Supervisor		Design by	ENABEL
	Kibondo DC	Donor		Checked by	PEAKEY INTERNATIONAL
				Approved by	RE -RAS OFFICE - KIGOMA



WEZESHA BINTI PROJECT:
CONSTRUCTION OF DORMITORIES
AND BOYS SWASH AT KIGOMA REGION



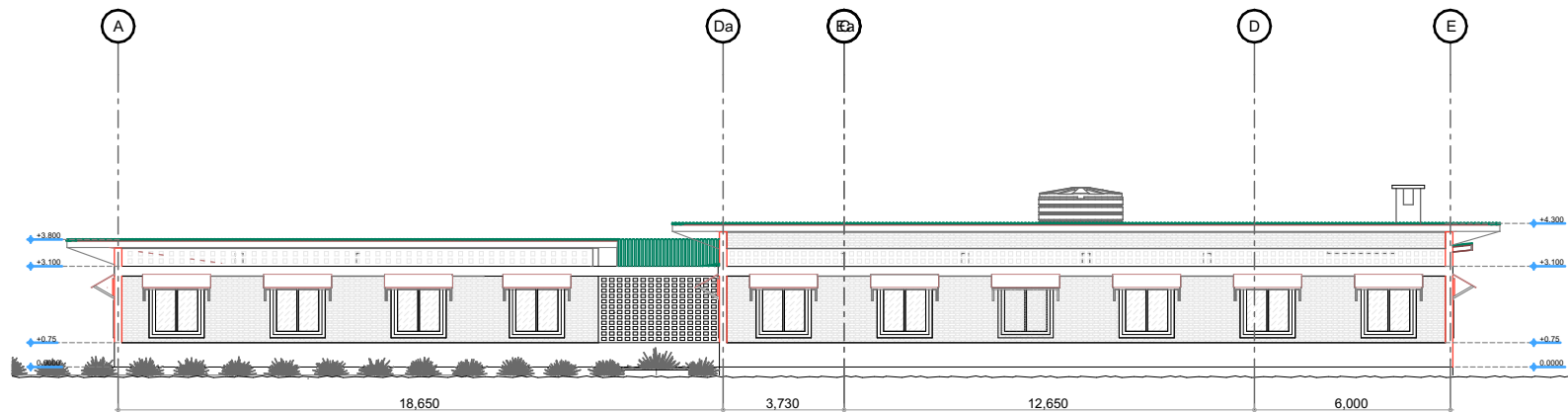
Kigoma MC
Kigoma DC
Kasulu TC
Kasulu DC
Kibondo DC

Client
Supervisor
Donor

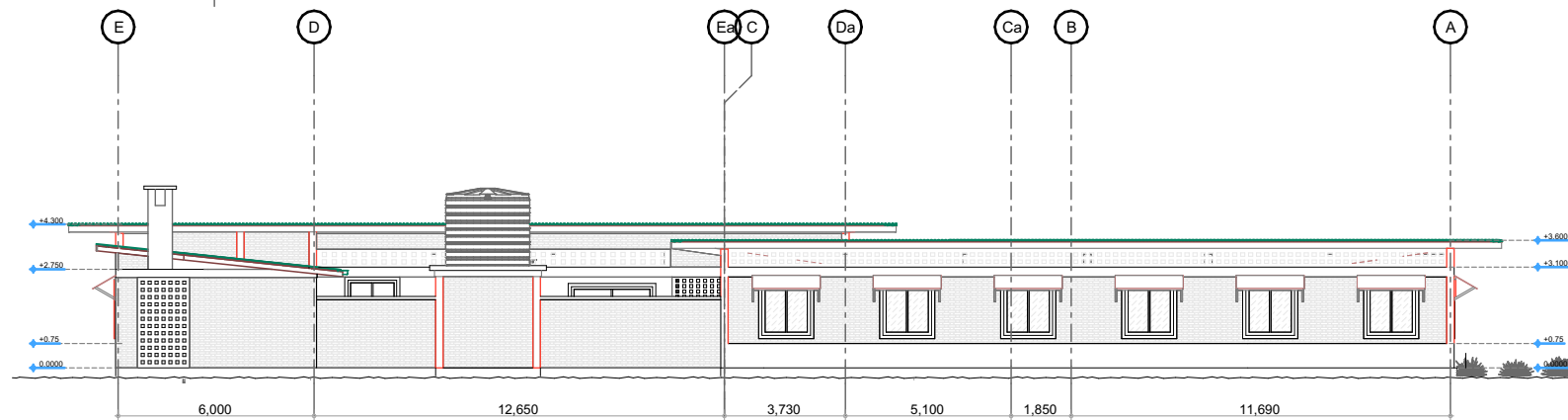
REGIONAL COMMISSIONER'S OFFICE - KIGOMA
PEAKY INTERNATIONAL CONSULTING ENGINEERING
WEZESHA BINTI, ENABEL, Bagian Development Agency
P.O. Box 24 Kigoma, Tanzania

Drawing Title
Date
Scale
Design by
Checked by
Approved by

SITELAYOUT
JULY 2025
1:85
ENABEL
PEAKY INTERNATIONAL
RE - RAS OFFICE - KIGOMA



L.H.S ELEVATION



R.H. S ELEVATION

GENERAL NOTES

All dimensions are in mm

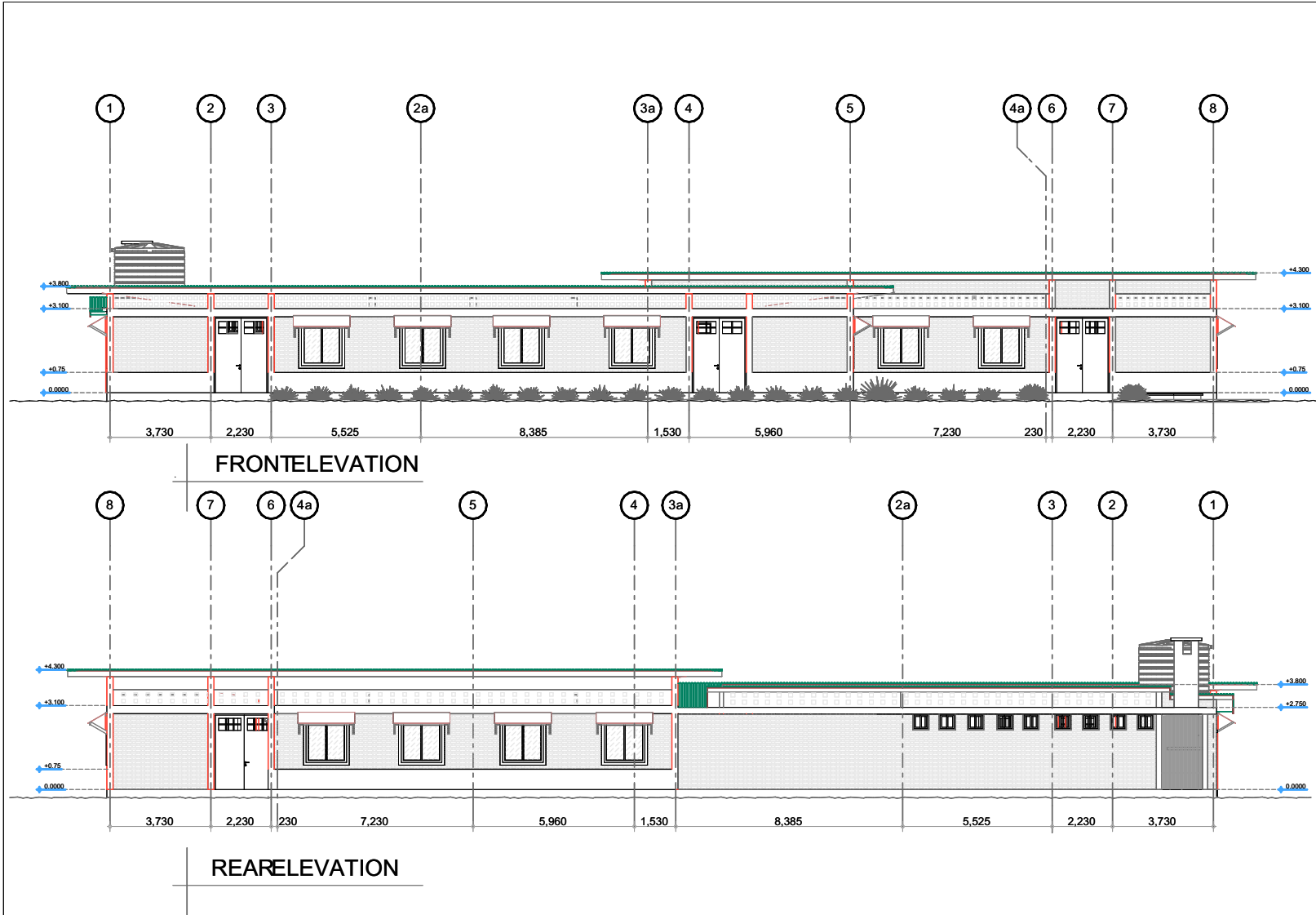
Scale : Not to scale

Depth of foundation may change due to subsoil condition

BUILDING SECTION		REGIONAL COMMISSIONERS OFFICE KIGOMA	
Drawing Title	JULY, 2025	Client	Kigoma MC
Date	1:85	Supervisor	Kigoma DC
Scale	ENABEL	Donor	Kasulu TC
Design by	PEAKEY INTERNATIONAL		Kasulu DC
Checked by	PEAKEY INTERNATIONAL		Kibondo DC
Approved by	RE-RAS OFFICE- KIGOMA		



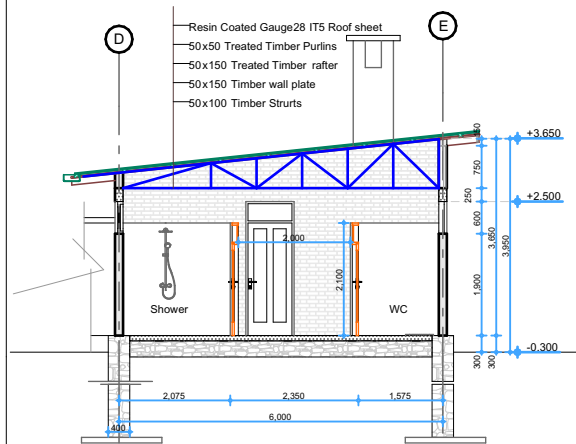
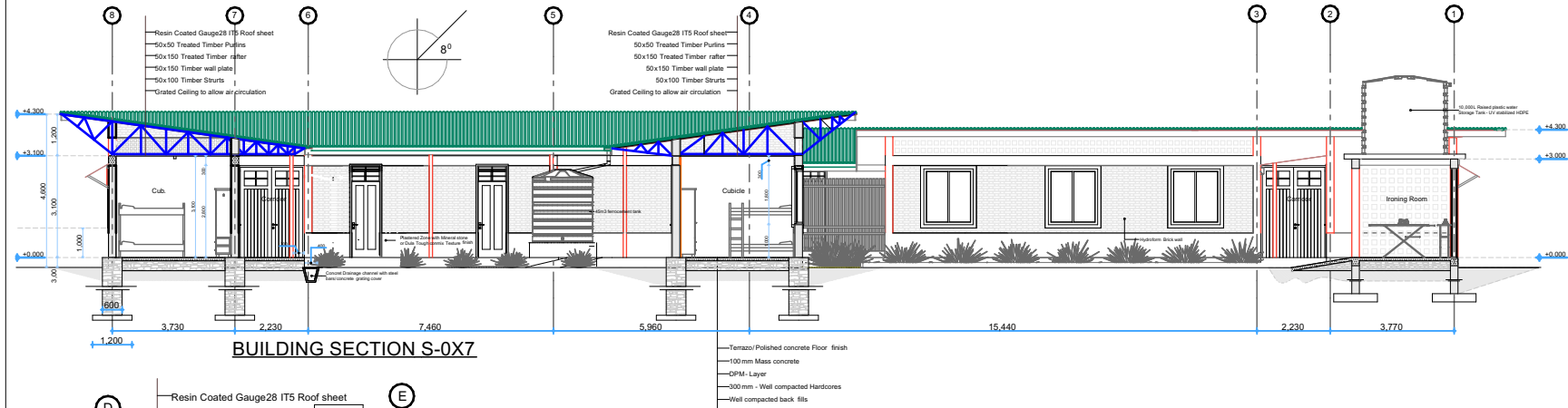
Enabel
WEZESHA BINTI PROJECT
CONSTRUCTION OF DORMITORIES
AND BOYS SWASH AT KIGOMA REGION



GENERAL NOTES: All dimensions are in mm Scale : Not to scale Depth of foundation may change due to subsoil condition		BUILDING ELEVATIONS	
		Drawing Title	REGIONAL COMMISSIONER'S OFFICE - KIGOMA
		Date	JULY, 2025
		Scale	1:85
		Design by	ENABEL
		Checked by	WEZESHA BINTI, ENABEL Belgian Development Agency
		Approved by	RE - RAS OFFICE - KIGOMA
		Client	Kigoma MC
		Supervisor	Kigoma DC
		Donor	Kasulu TC
			Kasulu DC
			Kibondo DC



Enabel
 WEZESHA BINTI PROJECT
 CONSTRUCTION OF DORMITORIES
 AND BOYS SWASH AT KIGOMA REGION



DOOR SCHEDULE					
No.	TYPE	SIZE	LOCATION	No.	
01.	D2	800/2100	WC & SHOWER	16	
02.	D1	900/2800	CUBICLE STORE	33	
03.	D3	2000/2800	MAIN ENTRANCY	4	
04.	D4	900/2500	CHANGING ROOM INCINERATOR	2	
05.	D5	1000/2100	DISABLED ROOM	1	
06.	D6	2000/2800	OPENING WET AREAS	2	
TOTAL				58	

WINDOW SCHEDULE					
No.	TYPE	SIZE	SILL HEIGHT	LOCATION	No.
01.	W1	1500/1800	1000	CUBICLE STORE	33
02.	W2	600/600	1900	TOILET & SHOWER	17
03.	W3	1200/600	1900	CHANGING ROOM STORE	2
TOTAL				52	

GENERAL NOTES

All dimensions are in mm

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Scale: Not to scale

Depth of foundation may change due to subsoil condition

Drawing Title

Date

JULY, 2025

Scale

1:85

Design by

ENABEL

Checked by

PEAKEY INTERNATIONAL

Approved by

RE-RAS OFFICE KIGOMA

Client

REGIONAL COMMISSIONER OFFICE KIGOMA

Kigoma MC

Kigoma DC

Kasulu TC

Kasulu DC

Kibondo DC

Kibondo DC

Enabel

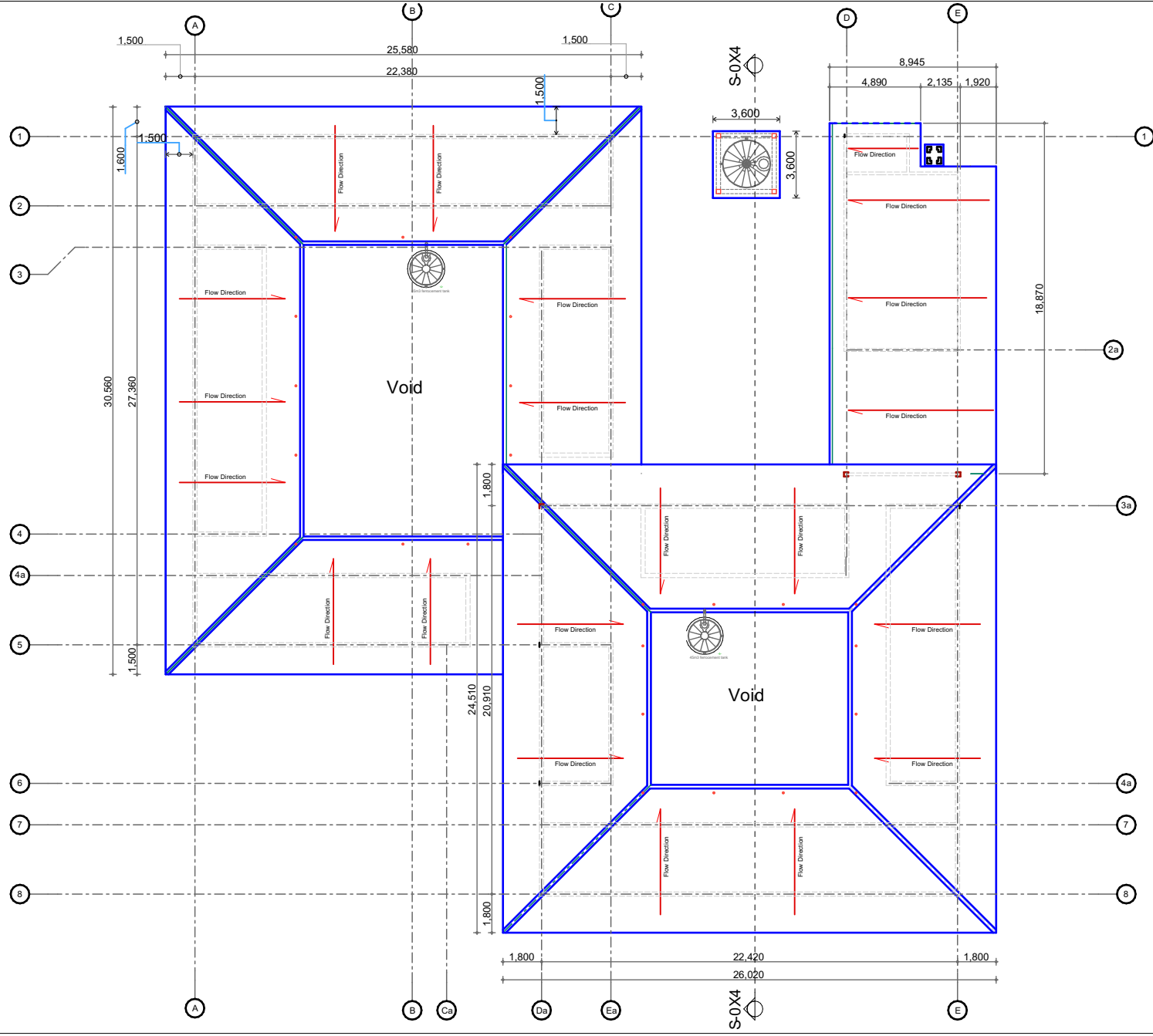
WEZESHA BINTI PROJECT

CONSTRUCTION OF DORMITORIES

AND BOYS SWASH AT KIGOMA REGION

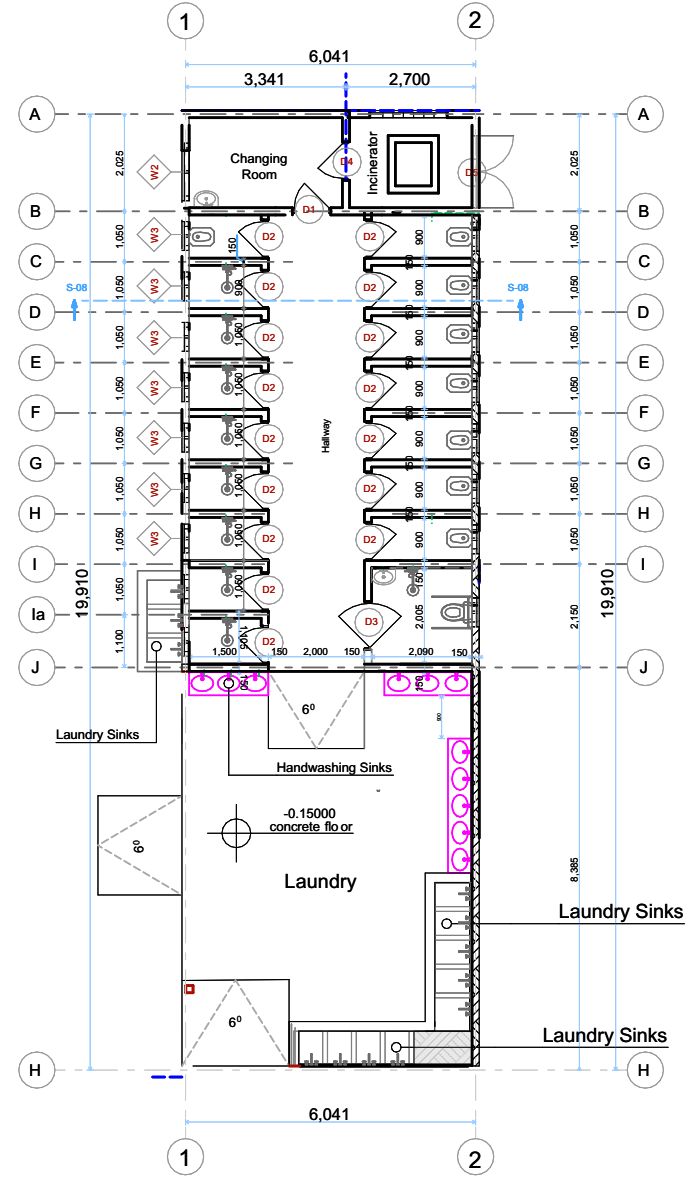
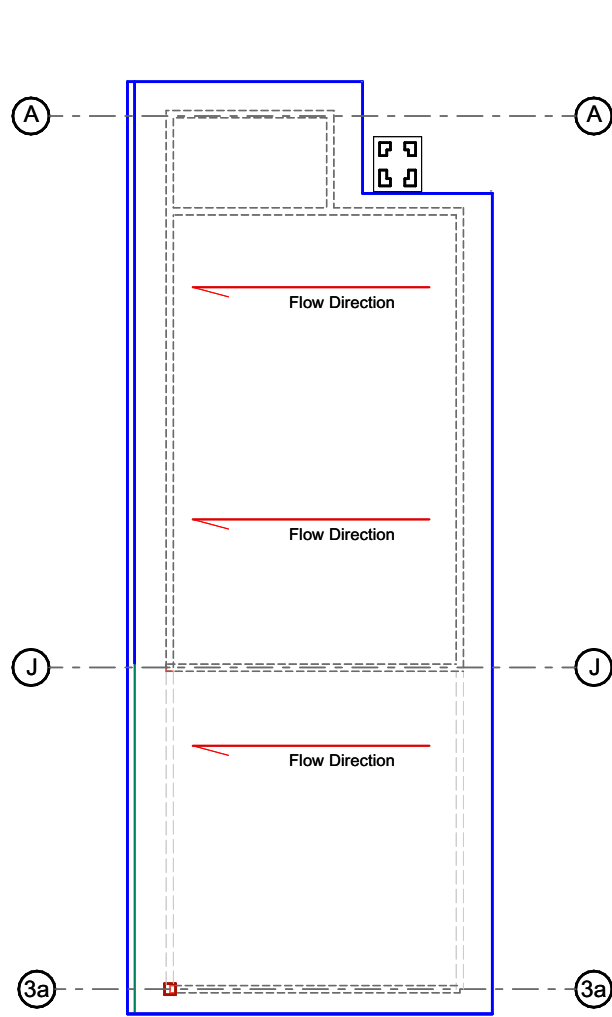


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CONSTRUCTION OF DORMITORIES
AND BOYS SWASH AT KIGOMA REGION



 WEZESHA BINTI PROJECT CONSTRUCTION OF DORMITORIES AND BOYS SWASH AT KIGOMA REGION					Kigoma MC Kigoma DC Kasulu TC Kasulu DC Kibondo DC	Client Supervisor Donor	REGIONAL COMMISSIONER OFFICE KIGOMA PEAKEY INTERNATIONAL CONSULTING ENGINEERING WEZESHA BINTI ENABEL Belgian Development Agency P.O. Box 24 Kigoma, Tanzania	Drawing Title Date Scale Design by Checked by Approved by	ROOFLAYOUT JULY, 2025 1:85 ENABEL PEAKEY INTERNATIONAL RE- RAS OFFICE KIGOMA	GENERAL NOTES All dimensions are in mm All dimensions are in mm Scale : Not to scale Depth of foundation may change due to subsoil condition
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INCINERATOR & TOILETS



WEZESHA BINTI PROJECT:
CONSTRUCTION OF DORMITORIES
AND BOYS SWASH AT KIGOMA REGION

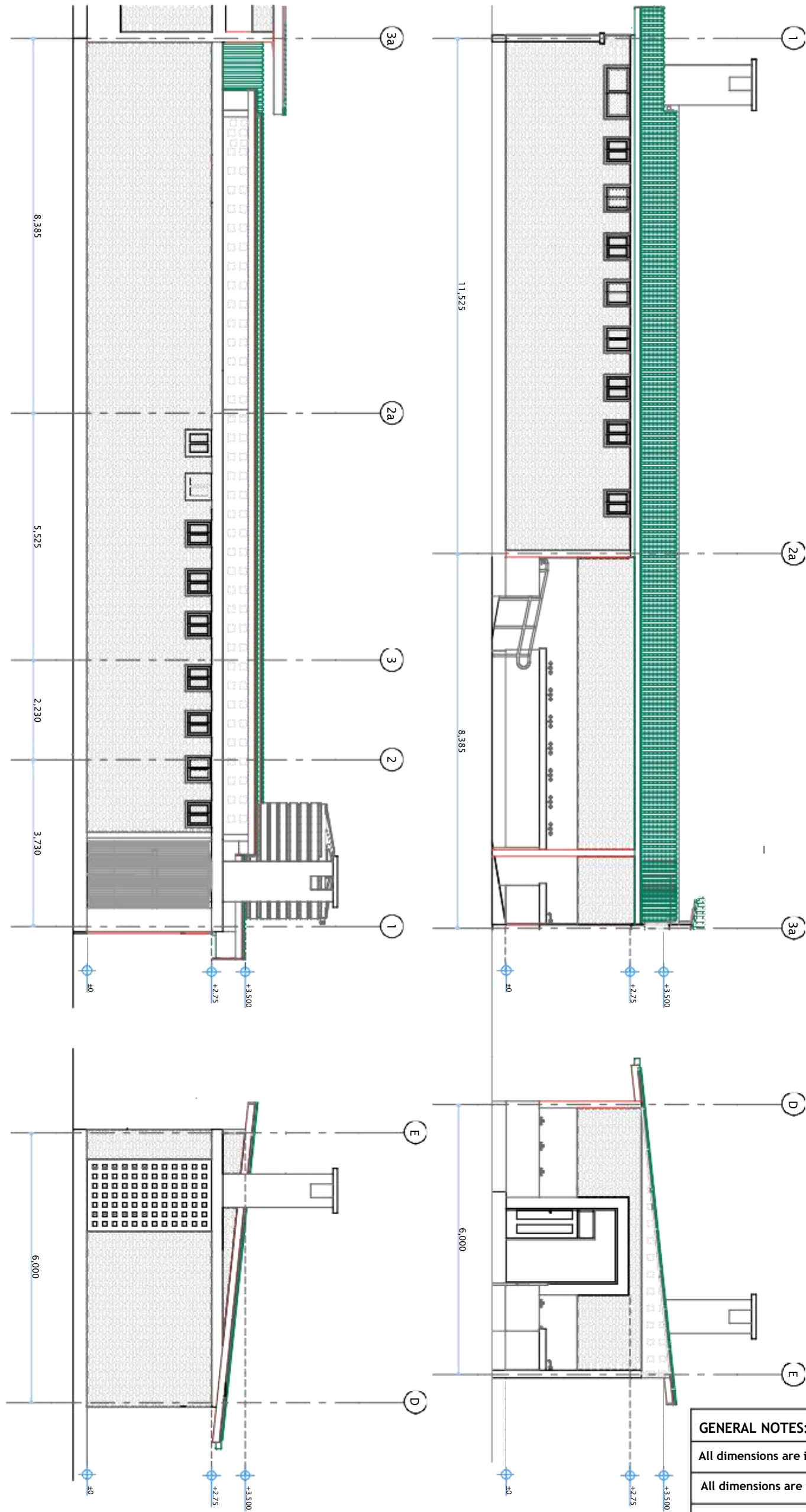


Kigoma MC	Kigoma DC	Kasulu TC	Kasulu DC	Kibondo DC
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Client
Supervisor
Donor

REGIONAL COMMISSIONER'S OFFICE - KIGOMA
PEAKEY INTERNATIONAL CONSULTING ENGINEERING
WEZESHA BINTI, ENABEL, Belgian Development Agency
P.O. Box 24 Kigoma, Tanzania

Drawing Title	WASH FACILITIES- FLOOR AND ROOF PLAN
Date	JULY 2025
Scale	1:85
Design by	ENABEL
Checked by	PEAKEY INTERNATIONAL
Approved by	RE - RAS OFFICE - KIGOMA



GENERAL NOTES:

All dimensions are in mm

All dimensions are in mm

Scale : Not to scale

Depth of foundation may change due to subsoil condition

Drawing Title TOILET - ELEVATIONS

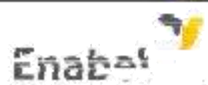
Date JULY, 2025

Scale 1:85

Design by ENABEL

Checked by PEAKEY INTERNATIONAL

Approved by RE - RAS OFFICE - KIGOMA



WEZESHA BINTI PROJECT:
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Kigoma MC
Kigoma DC
Kasulu TC
Kasulu DC
Kibondo DC

Client

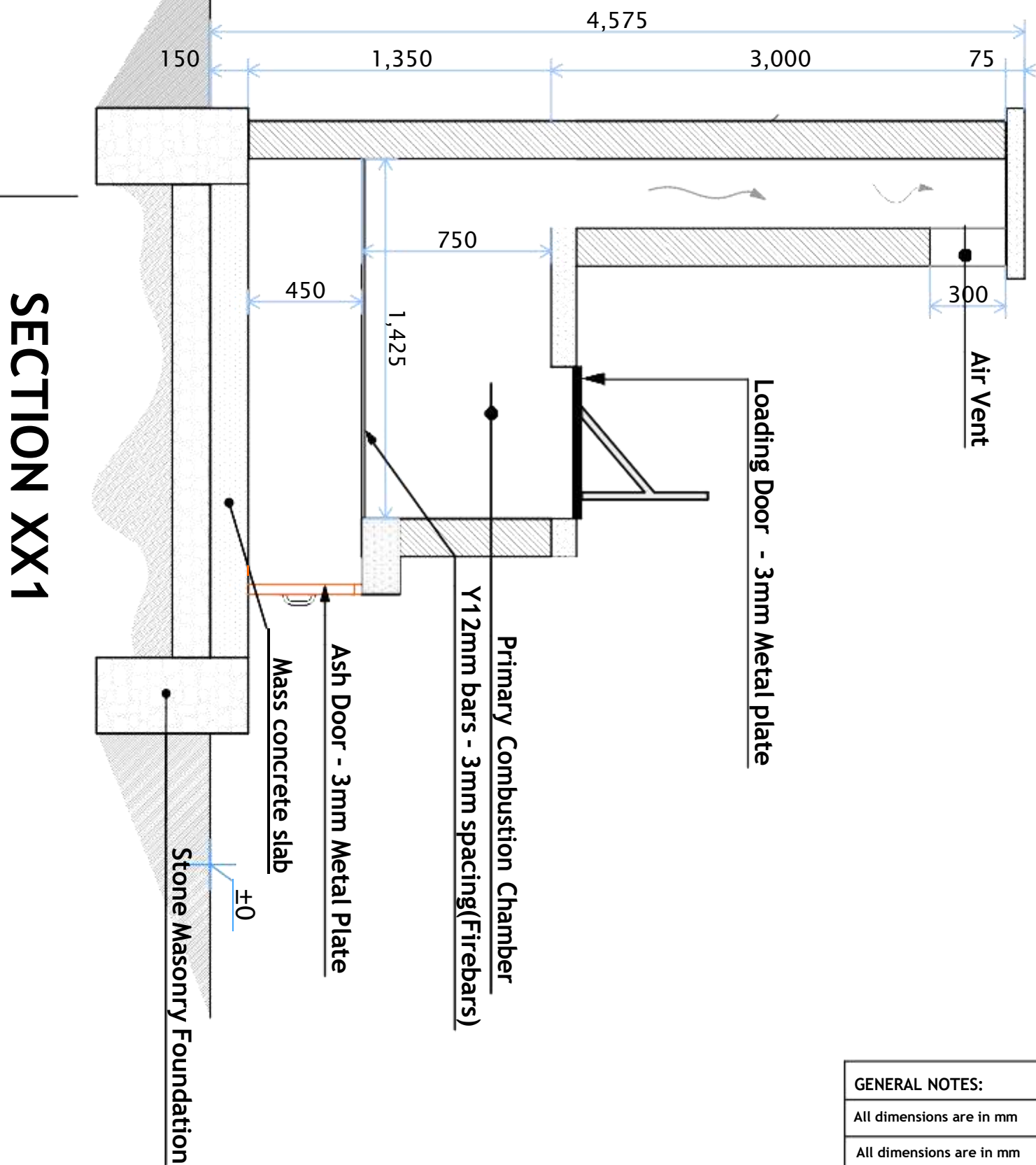
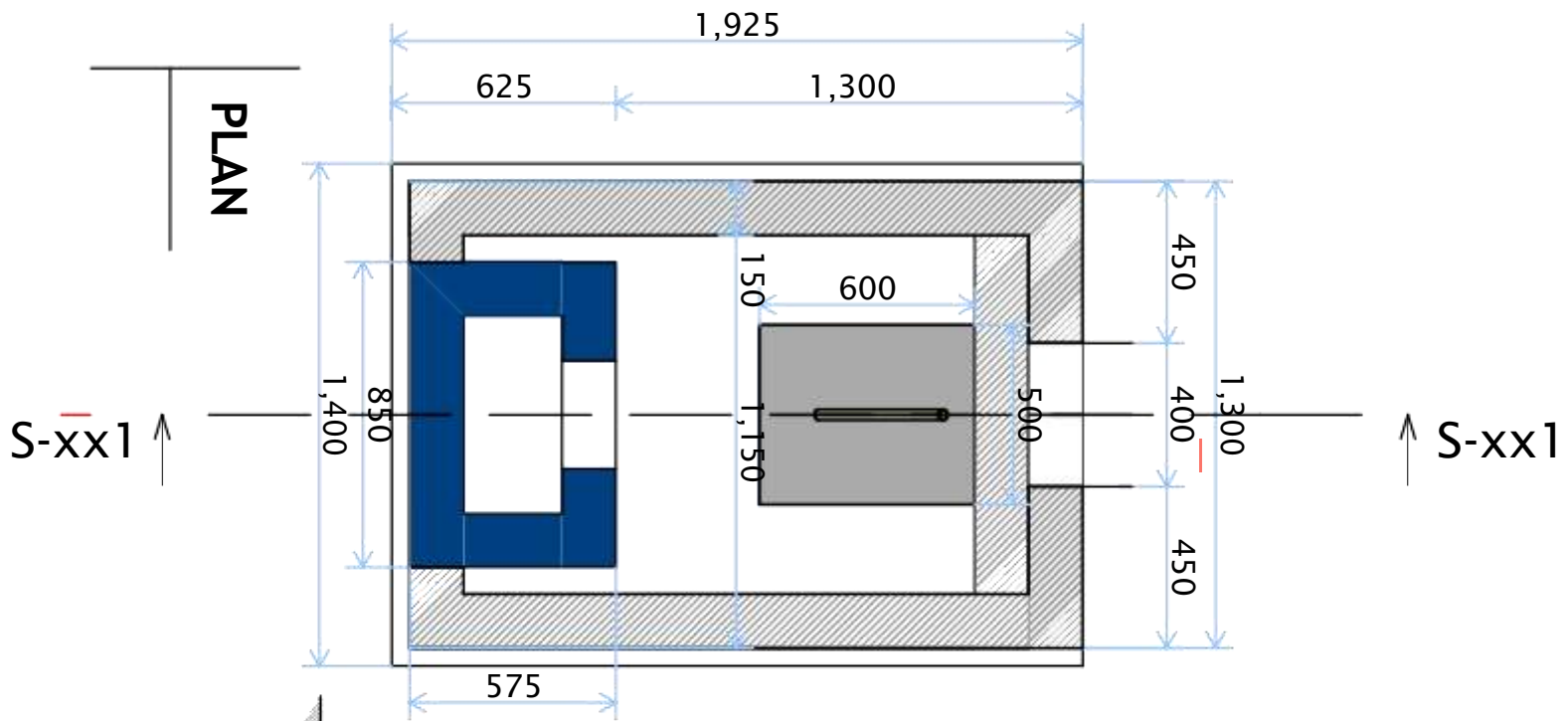
REGIONAL COMMISSIONER'S OFFICE - KIGOMA

Supervisor

PEAKEY INTERNATIONAL CONSULTING ENGINEERING

Donor

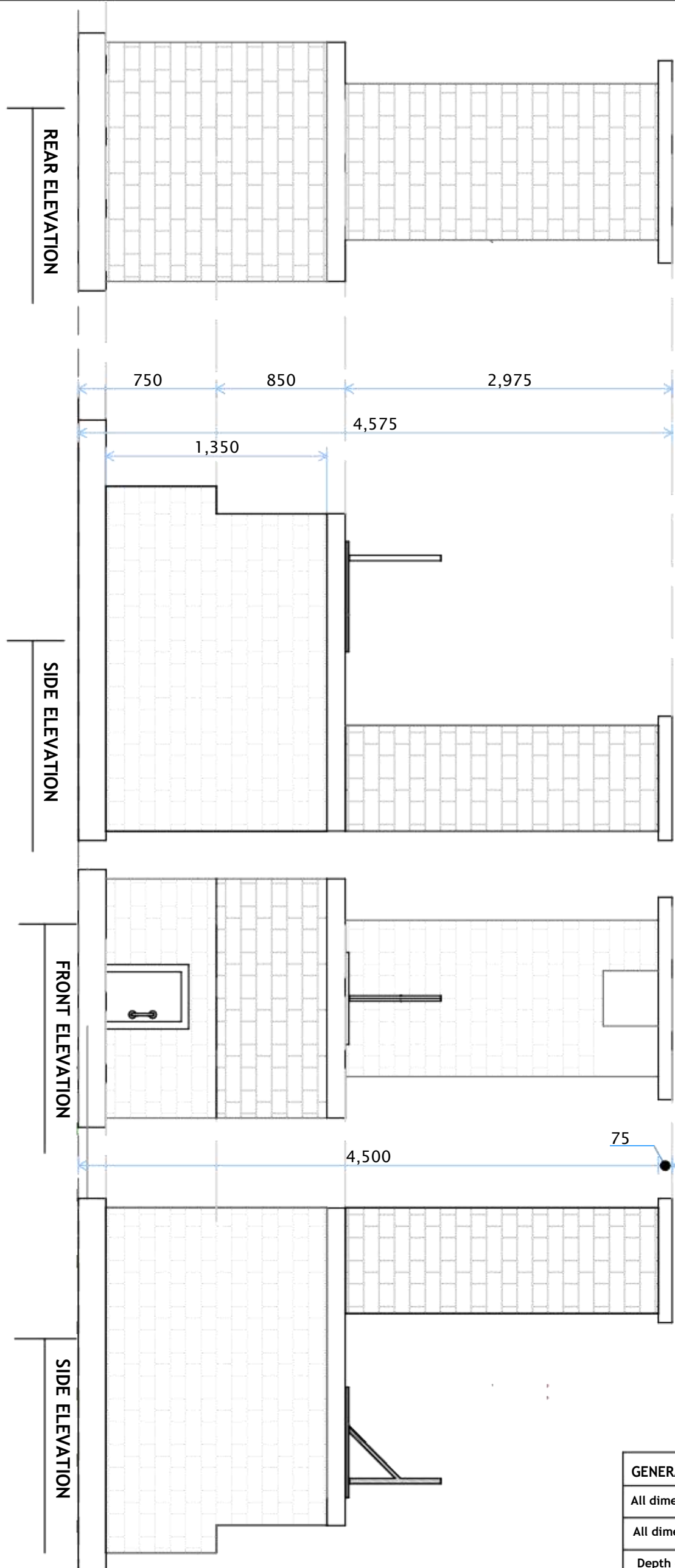
WEZESHA BINTI, ENABEL, Belgian Development Agency
P.O. Box 24 Kigoma, Tanzania



GENERAL NOTES:	
All dimensions are in mm	
All dimensions are in mm	Scale : Not to scale
Depth of foundation may change due to subsoil condition	
Drawing Title	INCENERATOR - SECTION & PLAN
Date	JULY, 2025
Scale	1:85
Design by	ENABEL
Checked by	PEAKEY INTERNATIONAL
Approved by	RE - RAS OFFICE - KIGOMA



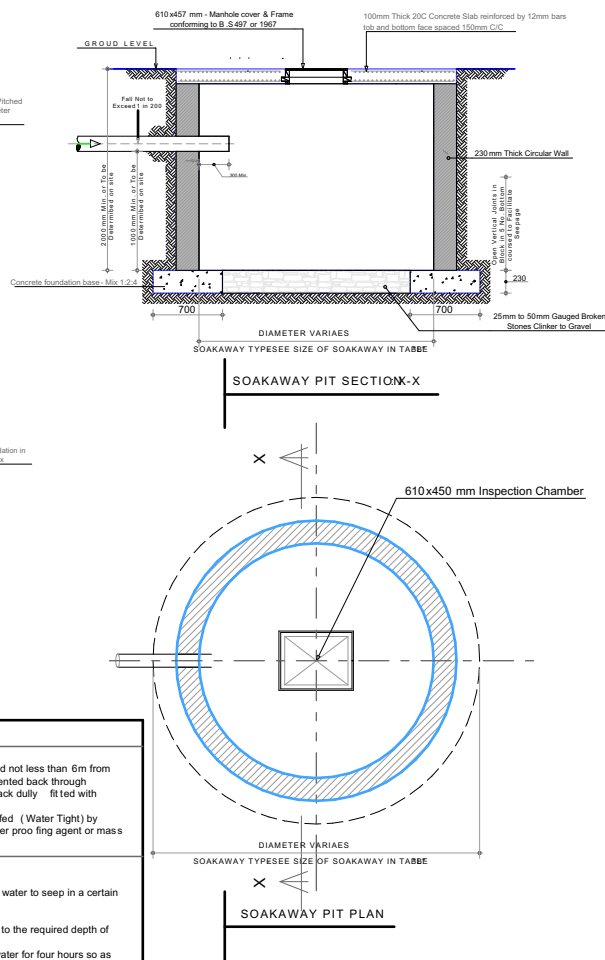
Kigoma MC	Client	REGIONAL COMMISSIONER'S OFFICE - KIGOMA
Kigoma DC		
Kasulu TC	Supervisor	PEAKEY INTERNATIONAL CONSULTING ENGINEERING
Kasulu DC		
Kibondo DC	Donor	WEZESHA BINTI, ENABEL, Belgian Development Agency P.O. Box 24 Kigoma, Tanzania



GENERAL NOTES:	
All dimensions are in mm	
All dimensions are in mm	Scale : Not to scale
Depth of foundation may change due to subsoil condition	
Drawing Title	INCENERATOR - ELEVATIONS
Date	JULY, 2025
Scale	1:85
Design by	ENABEL
Checked by	PEAKEY INTERNATIONAL
Approved by	RE - RAS OFFICE - KIGOMA



Kigoma MC	Client	REGIONAL COMMISSIONER'S OFFICE - KIGOMA
Kigoma DC		
Kasulu TC	Supervisor	PEAKEY INTERNATIONAL CONSULTING ENGINEERING
Kasulu DC		
Kibondo DC	Donor	WEZESHA BINTI, ENABEL, Belgian Development Agency P.O. Box 24 Kigoma, Tanzania



type	all wastes no. of users	no. of soil wastes users	dimension (m)			volume m ³	capacity litres
			L	W	D		
1		10	2.00	1.00	1.30	2.60	2.00
2	7	20	2.20	1.00	1.50	3.30	3.30
3	15	30	2.50	1.20	1.70	5.10	5.100
4	30	45	3.00	1.30	1.80	7.02	7.020
5	40	60	3.40	1.50	1.80	9.18	9.180
6	50	75	3.70	1.60	1.80	10.66	10.66
7	60	90	4.20	1.70	1.80	12.85	12.85
8	75	105	4.50	1.80	2.00	16.20	16.200
9	85	120	4.80	1.80	2.00	17.28	17.280

- NOTE**
- 1. SEPTIC TANKS**
a. Septic Tanks must be constructed not less than 6m from the nearest building and must be vented back through incoming drain by providing with stack ductily fitted with mosquito proofed screens
b. Septic Must be constructed proofed (Water Tight) by adding "PUBLO" or some other water proofing agent or mass concrete and rendering
- 2. SOAKAWAY PIT**
a. PERCOLATION FACTOR
Is the time (in Min) taken by clear water to seep in a certain soil in a depth of one centimeter
To ascertain a percolation factor
1) Dig a hole about 30x30 cm size to the required depth of
2) Keep the wall fitted with clear water for four hours so as to saturate the surrounding soil
3) Pour in clear water to fill the hole to a depth about 20 cm
4) Note the time taken by the water to soakaway
5) To calculate the percolation factor , Divide the time period (in Min) by the depth of water in (cm)
- 3. GENERAL NOTE**
a. All dimensions are in mm except where mentioned otherwise
b. All excavate hold and solid wastes are to be taken to septic tanks where connections to main sewers have been planned normally the soil wastes only are taken by the septic tanks except in the case as above while all other household wastes are dealt with separately and disposed of directly into soakage pit
- 4. CONCRETE WORKS**
a. For all reinforced concrete works the mixing shall be 1:2:4 by volume
b. For all mass concrete the mixing shall be 1:3:6 by volume except mass concrete in septic tank where it shall be 1:2:4 by volume
- 5. PERCOLATION FACTORS**
Values less than 1.5 use sizes of soakage trenches, soakage pits and soakaways are given for percolations factors equal to greater than 1.5

type	all wastes no. of users	soil wastes no. of users	diameter of soakaway (metres)					
			percolation factors					
			15	3.5	6.5	10	13	20
1		10	2.80	3.10	3.50	3.80	4.00	4.80
2	7	20						
3	15	30						
4	30	45	3.10	3.70	4.30	4.80	5.30	5.70
5	40	60						
6	50	75						
7	60	90	3.40	4.10	4.70	5.30	6.00	6.30
8	75	105						
9	85	120						

SEWAGE SYSTEM DETAILS

GENERAL NOTES

All dimensions are in mm

Scale : Not to scale

Depth of foundation may change due to subsoil condition

Drawing Title	SEWAGE SYSTEM
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Date	JULY, 2025,
Page	1 of 1

Design by	ENABEL
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Checked by	PERKIN INTERNATIONAL
Approved by	RE-RAS OFFICE KIGOMA

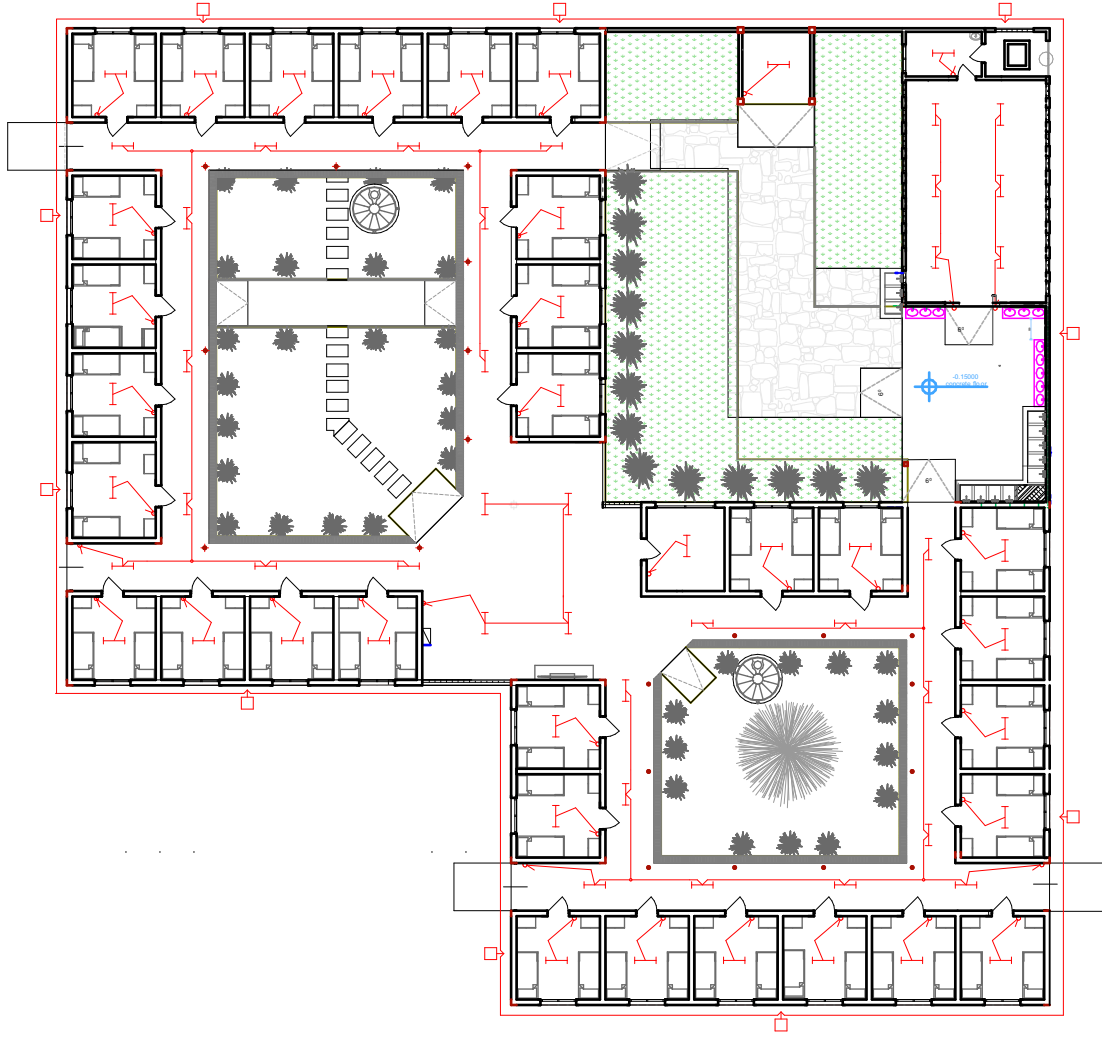
REGIONAL COMMISSIONER'S OFFICE KIGOMA

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P.O. Box 24 Kigoma Tanzania
WEZESHA BINJI, IJENABE & BELGIAN DEVELOPMENT AGENCY

Enabel  **WEZESHA BINTI PROJECT
CONSTRUCTION OF DORMITORIES
AND BOYS SWASH AT KIGOMA REGION**

S E R V I C E D R A W I N G S



Symbol	Description	Mounting Height
	Distribution Board With Integral RCD	200mm AFFL
	Energy Saver Bulkhead Light Fitting	Wall Mounted
	4FT Single LED Tube Light	On Ceiling
	Ceiling Fan	On ceiling
	Fan Regulator	1500mm AFFL
	1 gang 1 way switch	1500mm AFFL
	1 gang 2way switch	1500mm AFFL
	2 gang 2way switch	1500mm AFFL
	3 gang 1way switch	
	2 gang 1way switch	1500mm AFFL
	4 gang 1 way switch	1500mm AFFL
	Twin switch socket	450mm AFFL
	Ceiling light complete with energy saver 11w	On Ceiling level
	Earth Point	



WEZESHA BINTI PROJECT:
CONSTRUCTION OF DORMITORIES
AND BOYS SWASH AT KIGOMA REGION

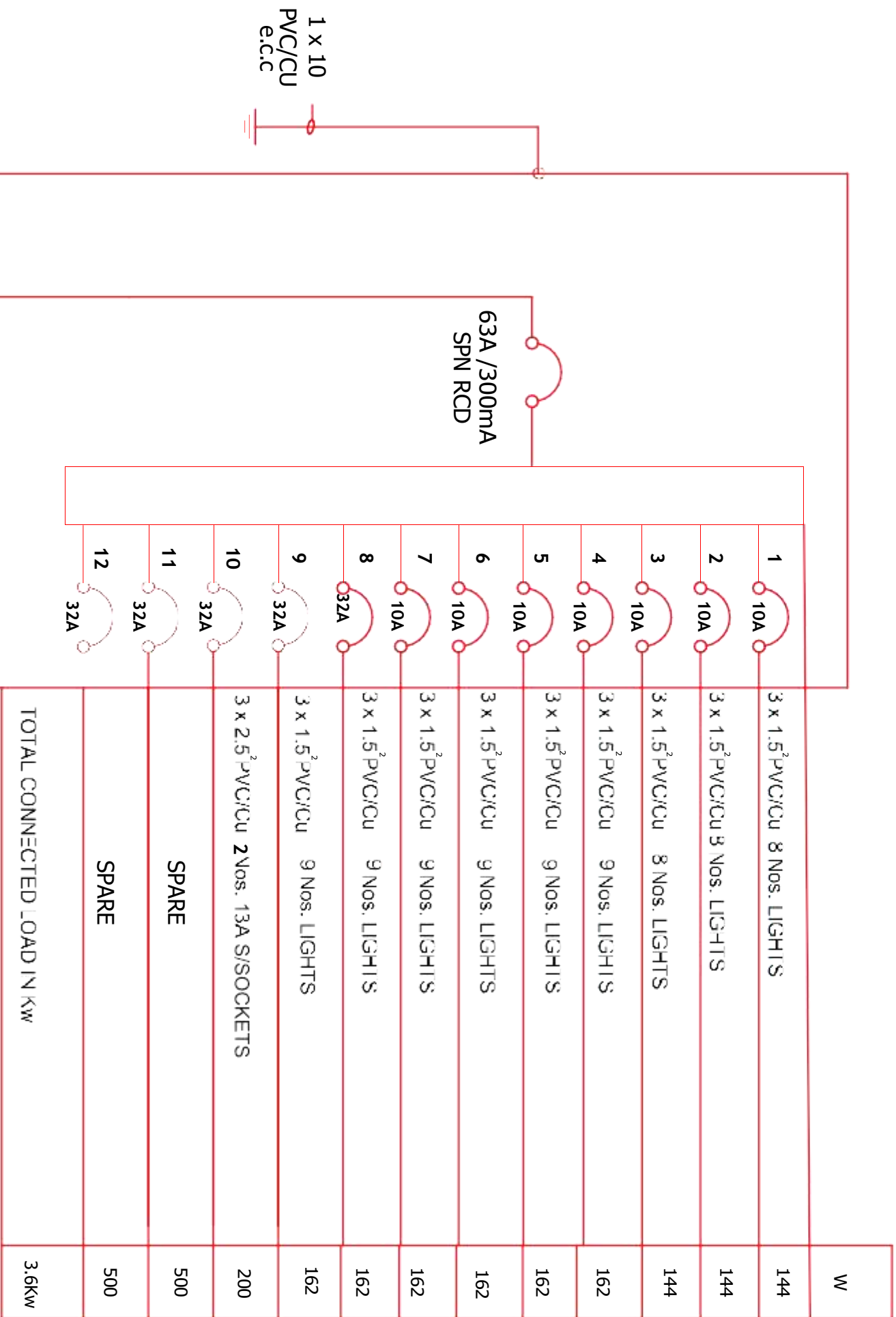


Kigoma MC	Kigoma DC
Kasulu TC	Kasulu DC
Kibondo DC	

Client	Supervisor	Donor
REGIONAL COMMISSIONER'S OFFICE - KIGOMA	PEAKEY INTERNATIONAL CONSULTING ENGINEERING	WEZESHA BINTI, ENABEL, Belgian Development Agency
		P.O. Box 24 Kigoma, Tanzania

Drawing Title	Date	Scale	Design by	Checked by	Approved by
REGIONAL COMMISSIONER'S OFFICE - KIGOMA	JULY, 2025	1:85	ENABEL	PEAKEY INTERNATIONAL	RE - RAS OFFICE - KIGOMA

FLOOR PLAN-LIGHTING AND POWER LAYOUT

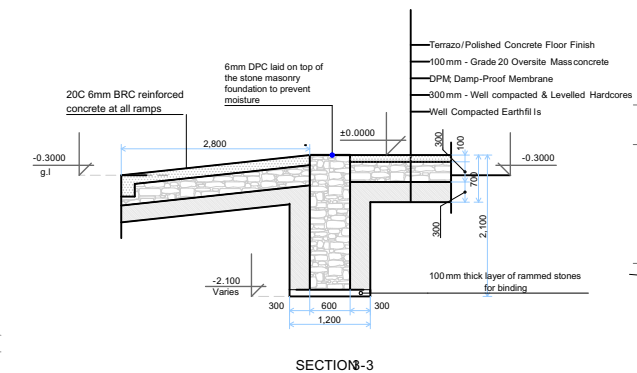
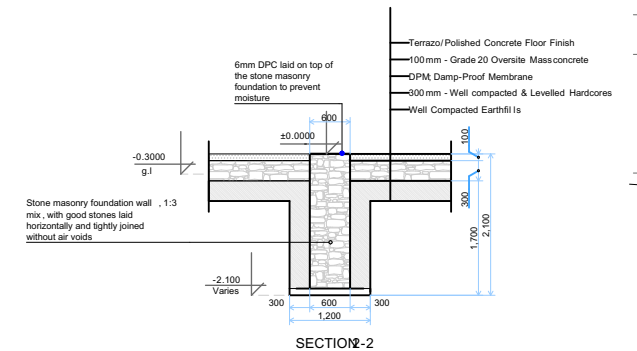
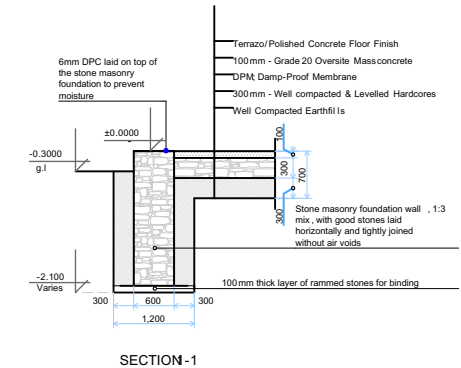
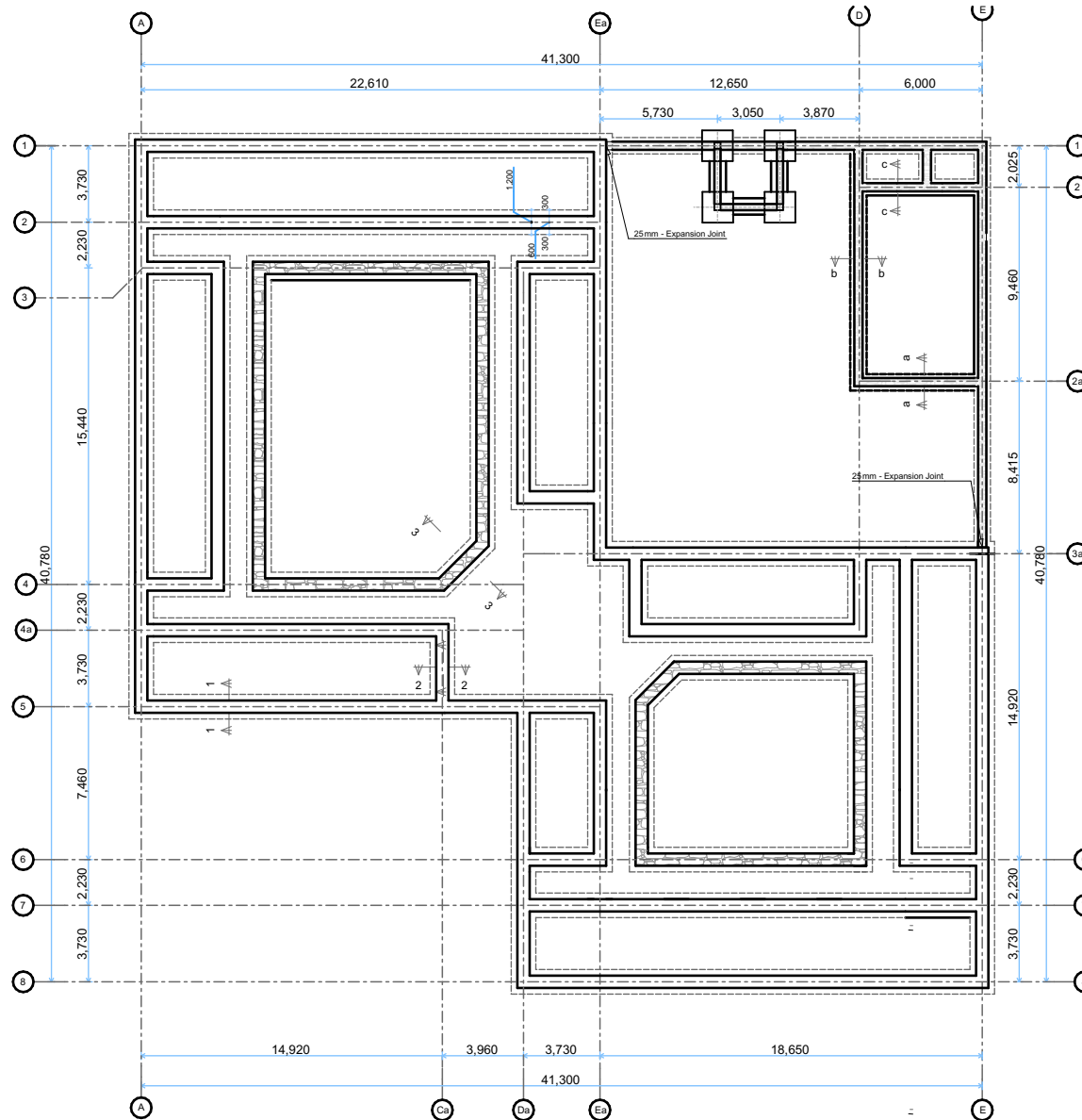


FROM TANESCO LV POLE

3C 16MM2 PVC/SWA/PVC/CU

12WAYS SPN DISTRIBUTION BOARD WITH MCBS
AND INTERGRAL 63A/300A SPN RCD INCOMER
AS ABB OR APPROVED EQUAL FOR FLUSH MOUNTING

STRUCTURAL DRAWINGS



Enabel

WEZESHA BINTI PROJECT
CONSTRUCTION OF DORMITORIES
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REGIONAL COMMISSIONER'S OFFICE KIGOMA
PEAKEY INTERNATIONAL CONSULTING ENGINEERING
WEZESHA BINTI ENABEL Belgian Development Agency
P.O. Box 24 Kigoma, Tanzania

Consultant :



PEAKEY INTERNATIONAL CONSULTING
ENGINEERING
Creating Excellence

GENERAL NOTES

- All dimensions are in mm
- Depth of foundation may change due to subsoil condition
- Scale : Not to scale

BUILDING TYPE 120 - Students Hostel Building

Drawing Title

FOUNDATION PLAN

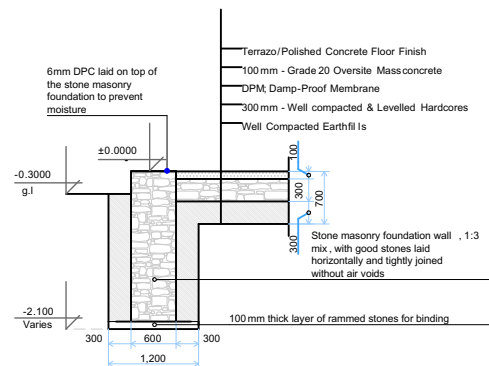
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Scale
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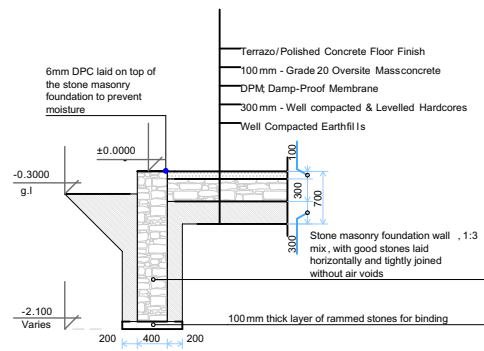
Design by
ENABEL

Checked by
PEAKEY INTERNATIONAL

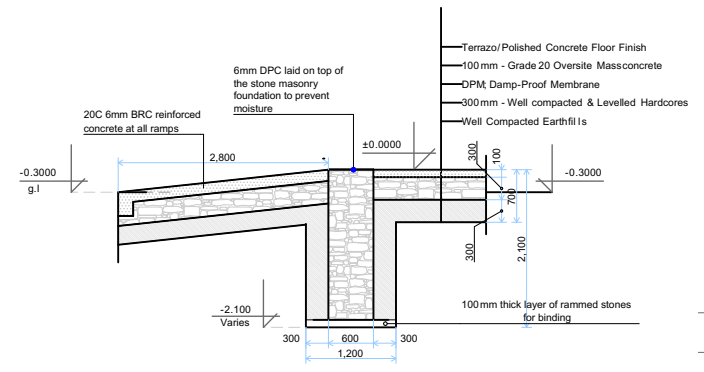
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RE- RAS OFFICE KIGOMA



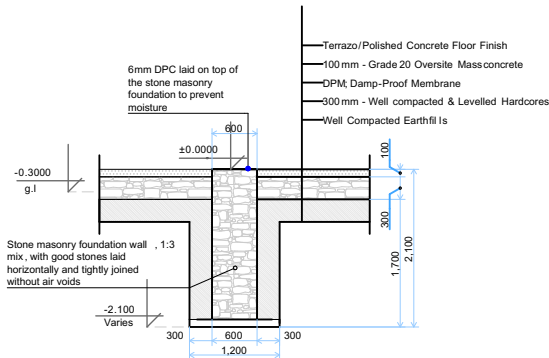
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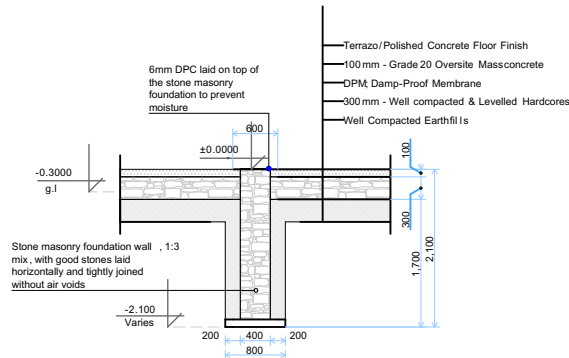
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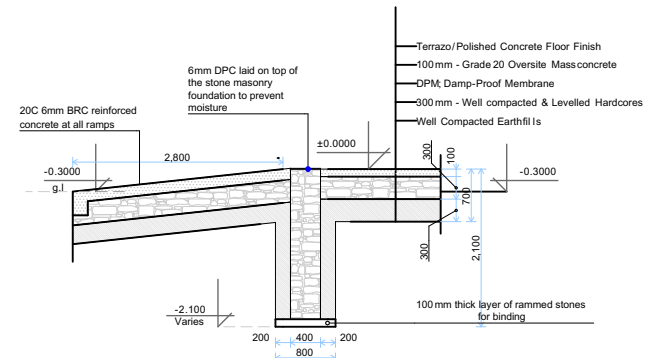
SECTION 3



SECTION 2-2



SECTION c-c



SECTION 2a

Enabel

WEZESHA BINTI PROJECT
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AND BOYS SWASH AT KIGOMA REGION



Kigoma MC
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Kibondo DC

Client

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REGIONAL COMMISSIONERS OFFICE KIGOMA

PEAKEY INTERNATIONAL CONSULTING ENGINEERING

WEZESHA BINTI ENABEL/Belgian Development Agency
P.O. Box 24 Kigoma, Tanzania

Consultant :



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ENGINEERING
Creating Excellence

GENERAL NOTES

1. All dimensions are in mm
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3. Scale : Not to scale

BUILDING TYPE 120 - Students Hostel Building

Drawing Title

FOUNDATION SECTION

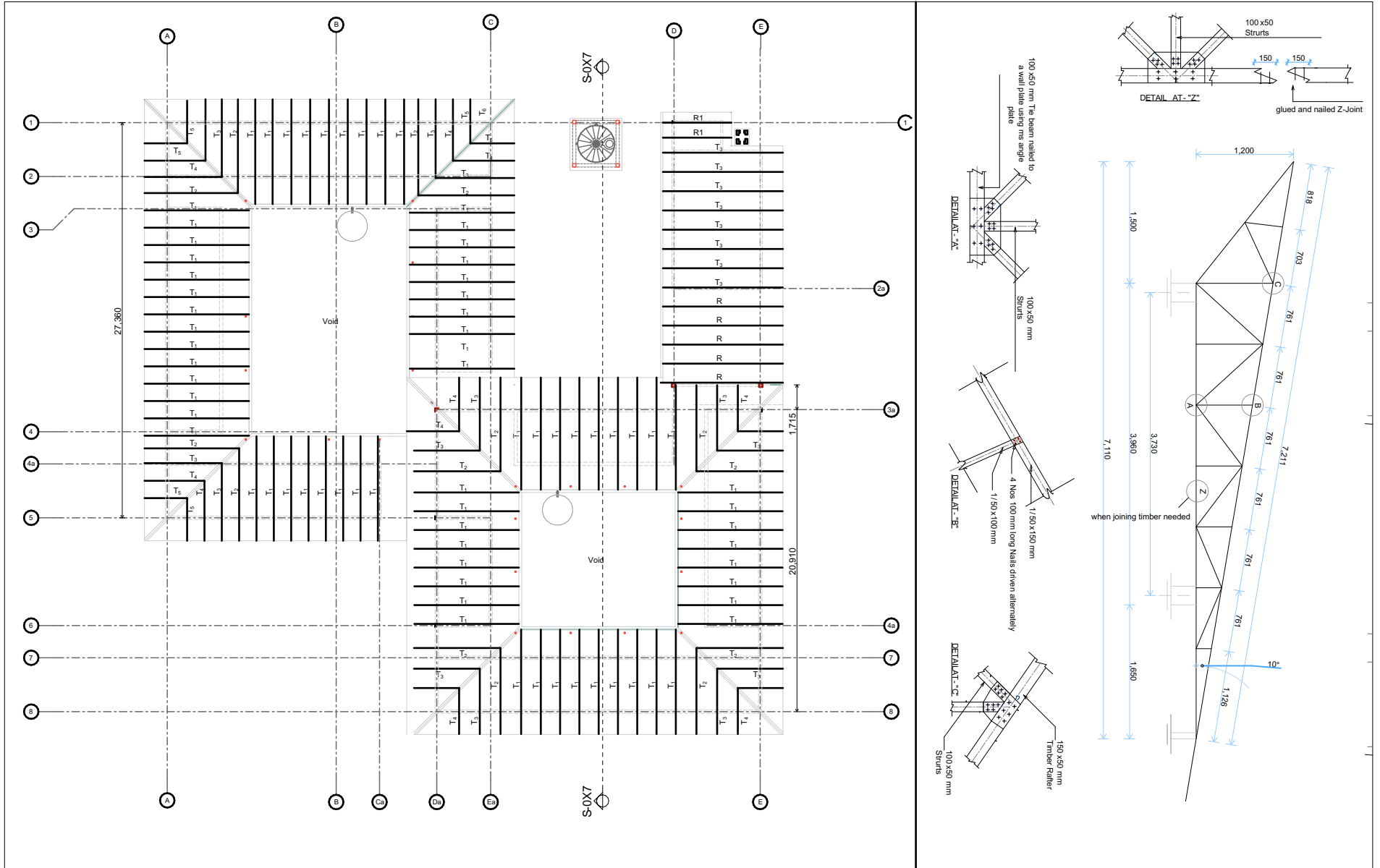
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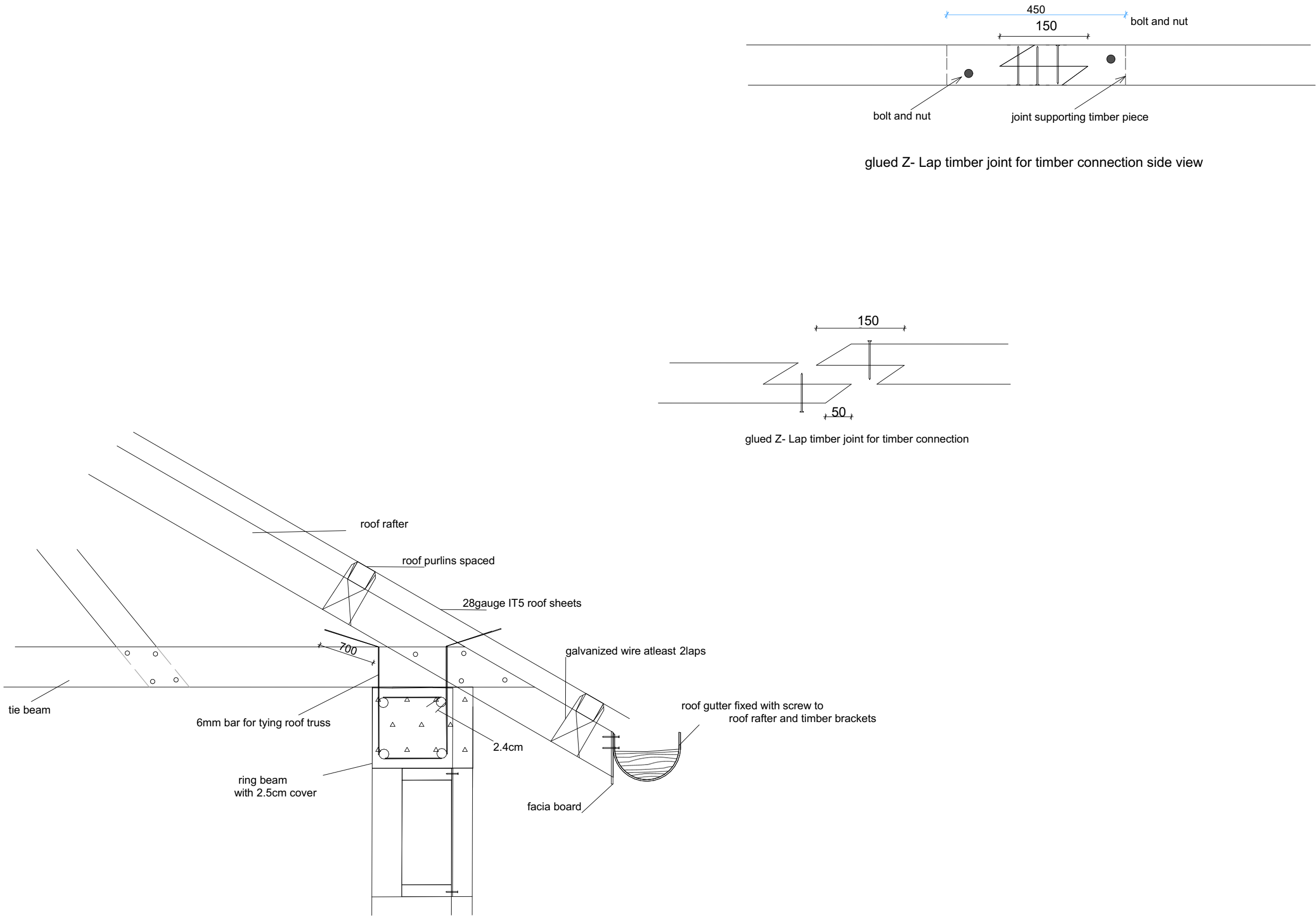
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		Kigoma DC				1. All dimensions are in mm	Date	JULY, 2025	
		Kasulu TC	Supervisor	PEAKY INTERNATIONAL CONSULTING ENGINEERING		2. Depth of foundation may change due to subsoil condition	Scale	1:85	
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		Kibondo DC	Donor	WEZESHA BINTI ENABEL Belgian Development Agency P.O. Box 24 Kigoma , Tanzania			Checked by	PEAKY INTERNATIONAL	
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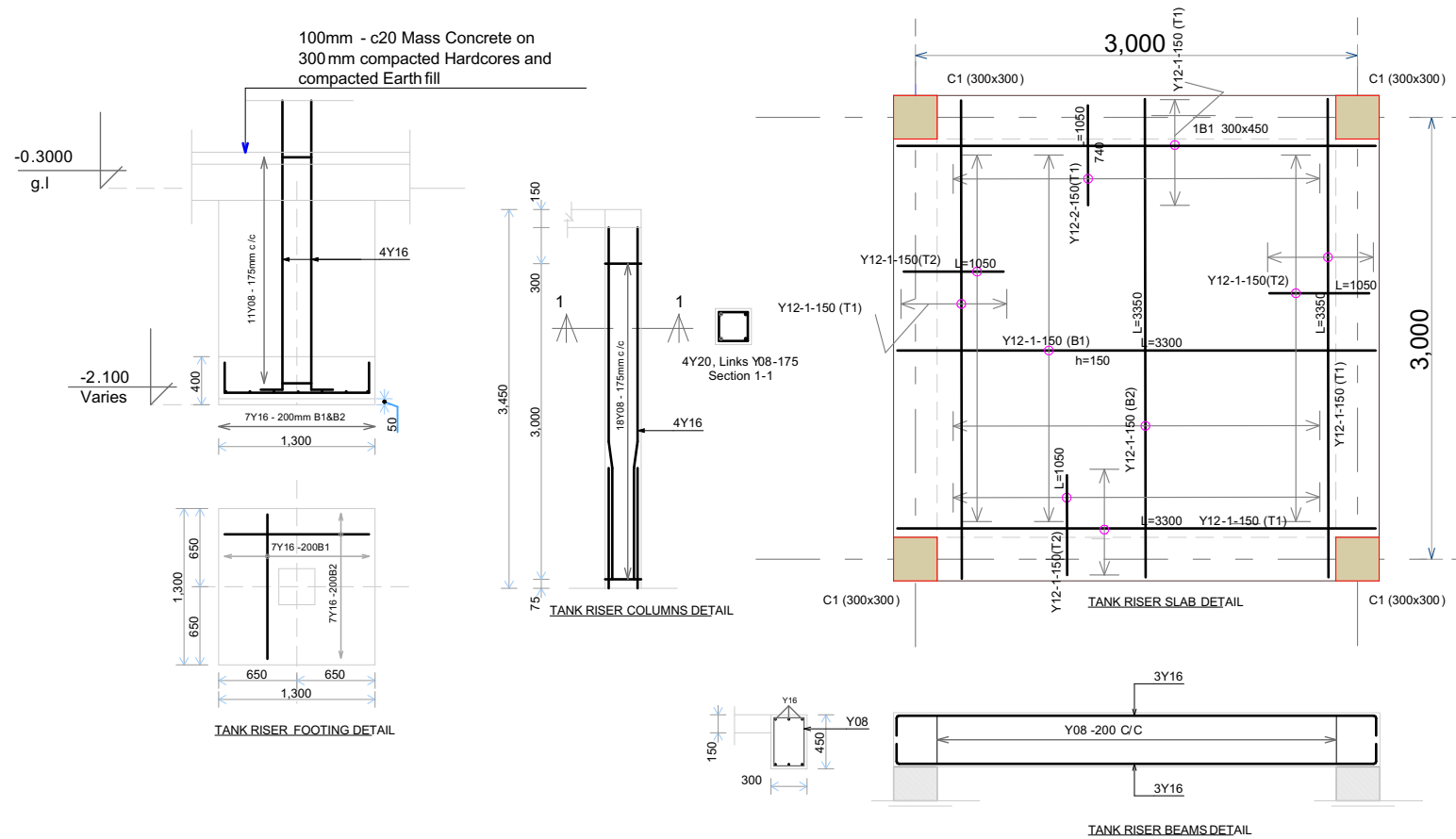


Kigoma MC
Kigoma DC
Kasulu TC
Kasulu DC
Kibondo DC

Client
Supervisor
Donor

REGIONAL COMMISSIONER'S OFFICE - KIGOMA
PEAKEY INTERNATIONAL CONSULTING ENGINEERING
WEZESHA BINTI, ENABEL, Belgian Development Agency
P.O. Box 24 Kigoma, Tanzania

Drawing Title	SITELAYOUT
Date	AUGUST 2025
Scale	NOT TO SCALE
Design by	ENABEL
Checked by	PEAKEY INTERNATIONAL
Approved by	RE - RAS OFFICE - KIGOMA



WEZESHA BINTI PROJECT
CONSTRUCTION OF DORMITORIES
AND BOYS SWASH AT KIGOMA REGION



Kigoma MC	Client	REGIONAL COMMISSIONERS OFFICE - KIGOMA
Kigoma DC		
Kasulu TC	Supervisor	PEAKEY INTERNATIONAL CONSULTING ENGINEERING
Kasulu DC		
Kibondo DC	Donor	WEZESHA BINTI ENABEL Belgian Development Agency P.O. Box 24 Kigoma , Tanzania

Consultant :



GENERAL NOTES

1. All dimensions are in mm
2. Depth of foundation may change due to subsoil condition
3. Scale : Not to scale

BUILDING TYPE 120 - Students Hostel Building

Drawing Title	TANK RISER DETAILS
Date	JULY, 2025
Scale	1:85
Design by	ENABEL
Checked by	PEAKEY INTERNATIONAL
Approved by	RE- RAS OFFICE KIGOMA