

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

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**FINAL DRAWINGS**

**CLIENT :**

MINISTRY OF EDUCATION, SCIENCE & TECHNOLOGY,  
Government City  
Mtumba Area - Afya Street  
P.O. Box 1040479  
Dodoma, Tanzania.  
info@moe.go.tz

**DONOR:**

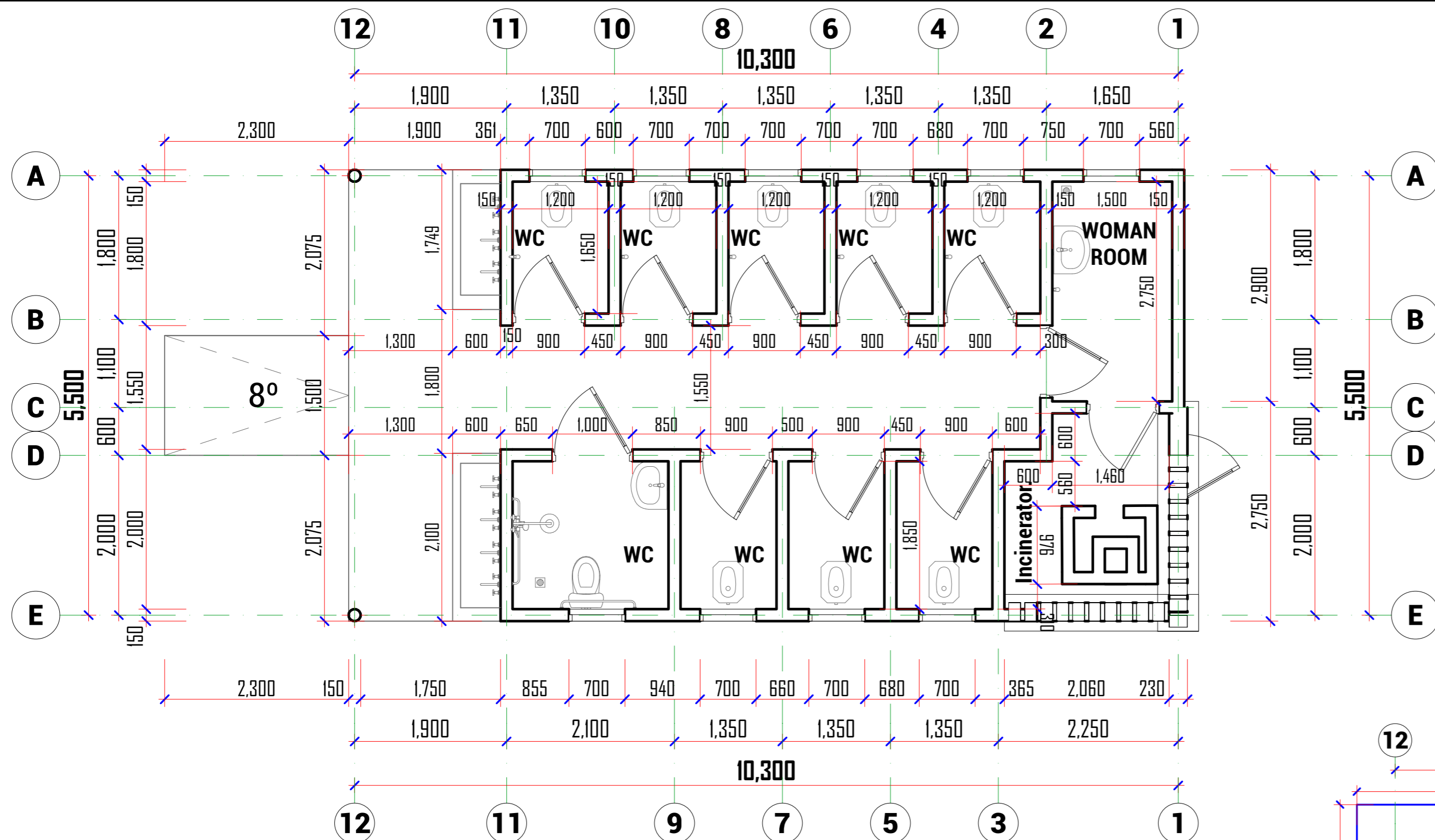
**Enabel**   
WEZESHA BINTI, ENABEL,  
Belgian Development Agency,  
P.O. Box 24, Kigoma,  
Tanzania.

**CONSULTANT :**

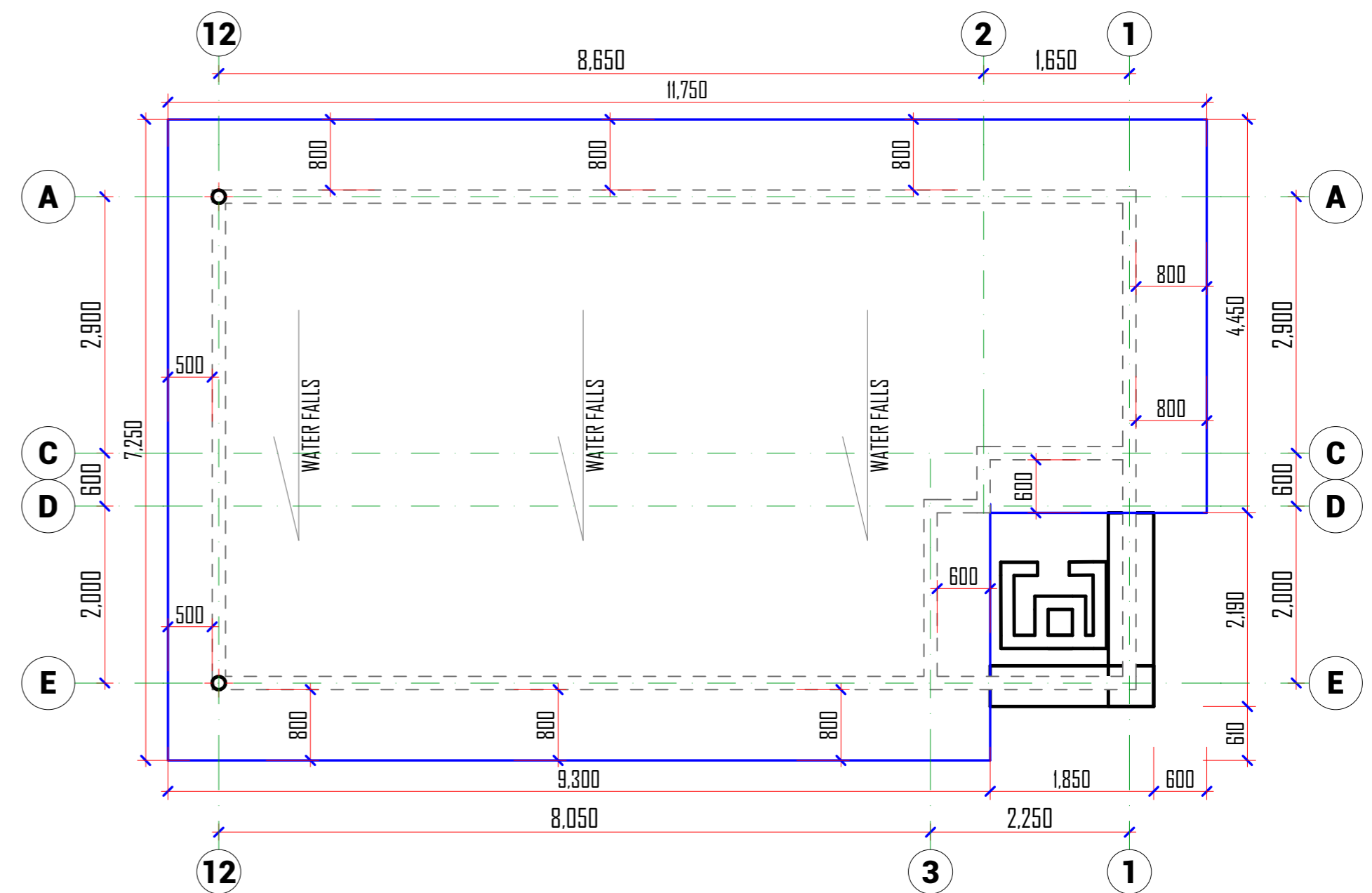
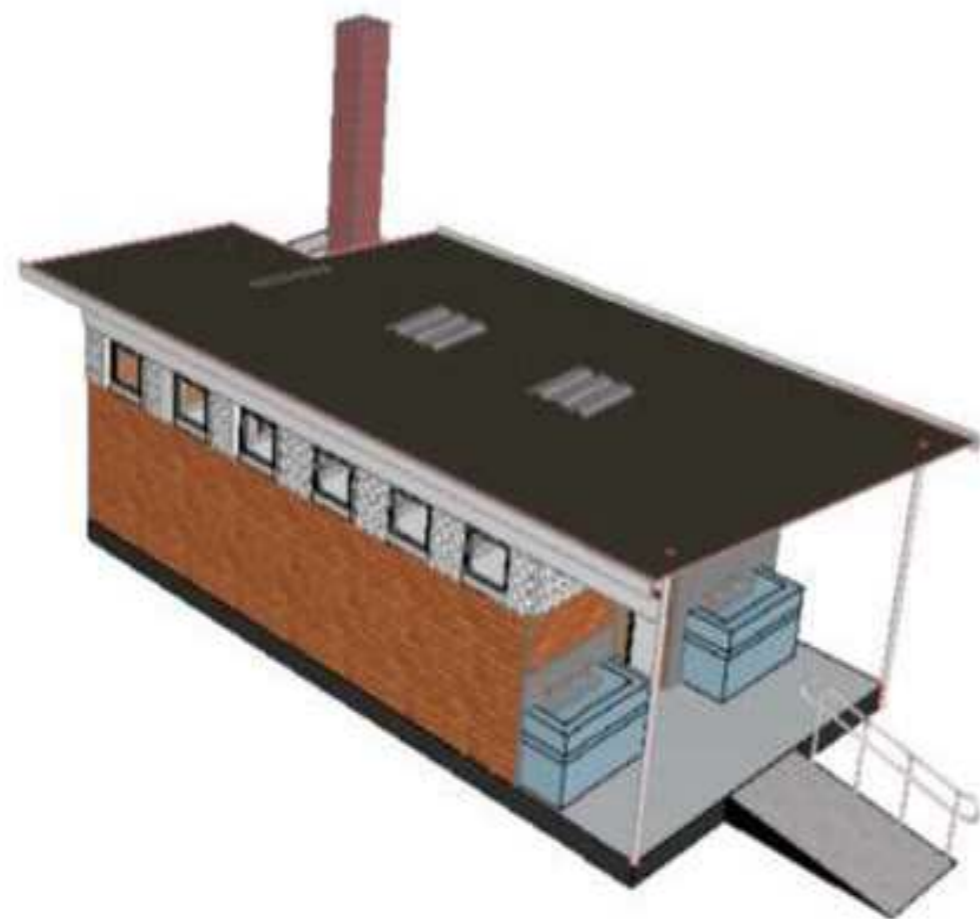
  
PEAKEY INTERNATIONAL CONSULTING  
ENGINEERING  
Consulting Excellence  
Peakey International Consulting  
Engineering Co. Ltd

# **TOILET BUILDING**

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**FLOOR PLAN**



**ROOF PLAN**

**Enabel**  
**WEZESHA BINTI PROJECT:**  
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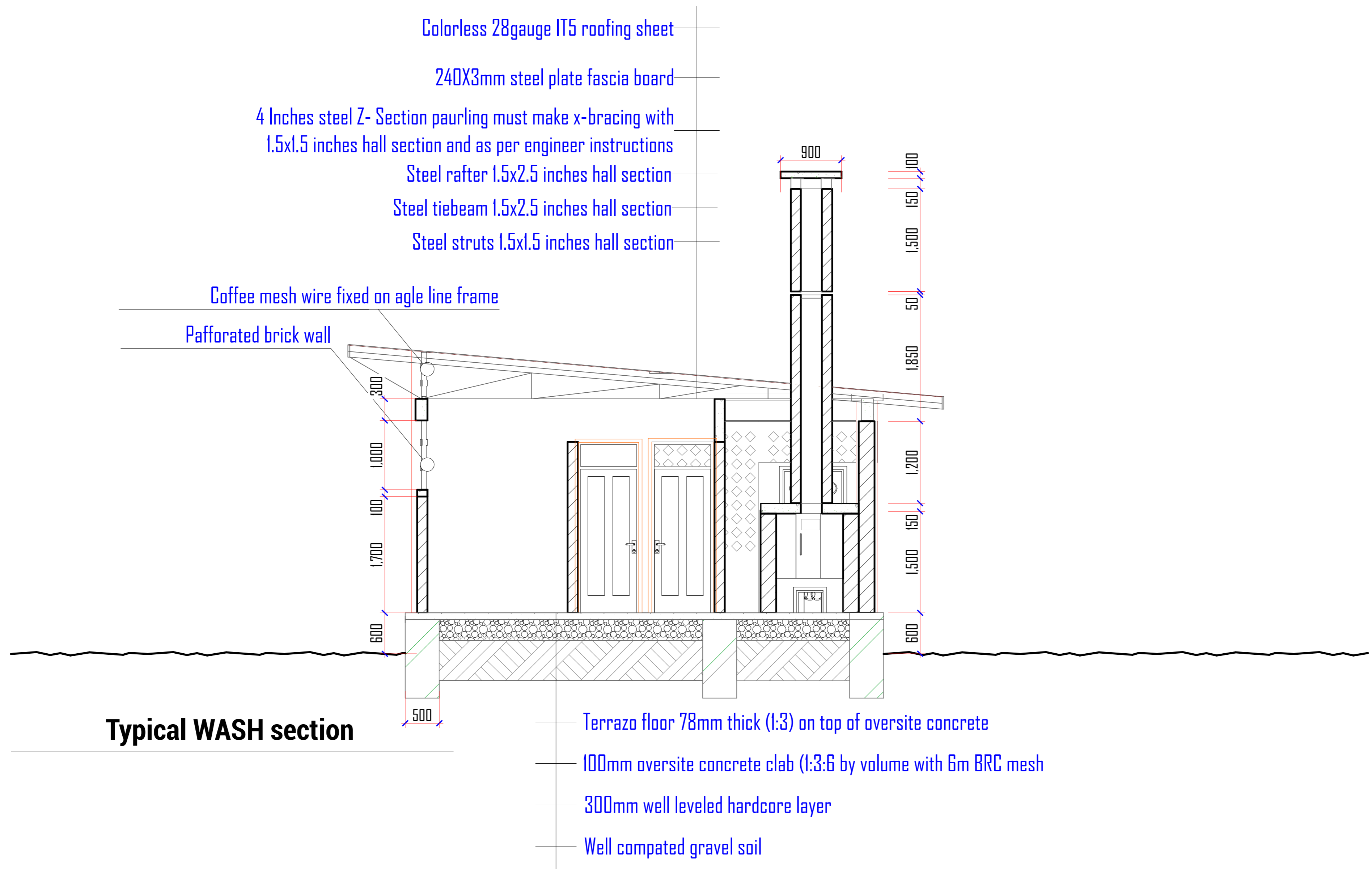
**District**  
 Kigoma MC  
 Kigoma DC  
 Kasulu TC  
 Kasulu DC  
 Kibondo DC

**Client** MINISTRY OF EDUCATION, SCIENCE & TECHNOLOGY  
**Supervisor** REGIONAL ENGINEER RAS OFFICE - KIGOMA  
**Donor** WEZESHA BINTI, ENABEL, Belgian Development Agency  
 P.O. Box 24 Kigoma, Tanzania

**Consultant:**  
  
 PEAKEY INTERNATIONAL CONSULTING  
 ENGINEERING  
 Consulting Excellence

**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:** Toilet Block

**Drawing Title** FLOOR & ROOF PLAN  
**Date** October, 2024  
**Scale** 1:50, 1:60, 1:139.75  
**Drawn by** PEAKEY INTERNATIONAL  
**Checked by**  
**Drawing Number** ENABEL/ARCH/DWG017



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Kasulu DC  
Kibondo DC

**Client**

MINISTRY OF EDUCATION, SCIENCE &  
TECHNOLOGY

**Supervisor**

REGIONAL ENGINEER RAS OFFICE - KIGOMA

**Donor**

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

**Consultant:**



**GENERAL NOTES:**

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- Scale : Not to scale

**BUILDING TYPE:** Toilet Block

**Drawing Title**

SECTION

**Date**

October,2024

**Scale**

1:40

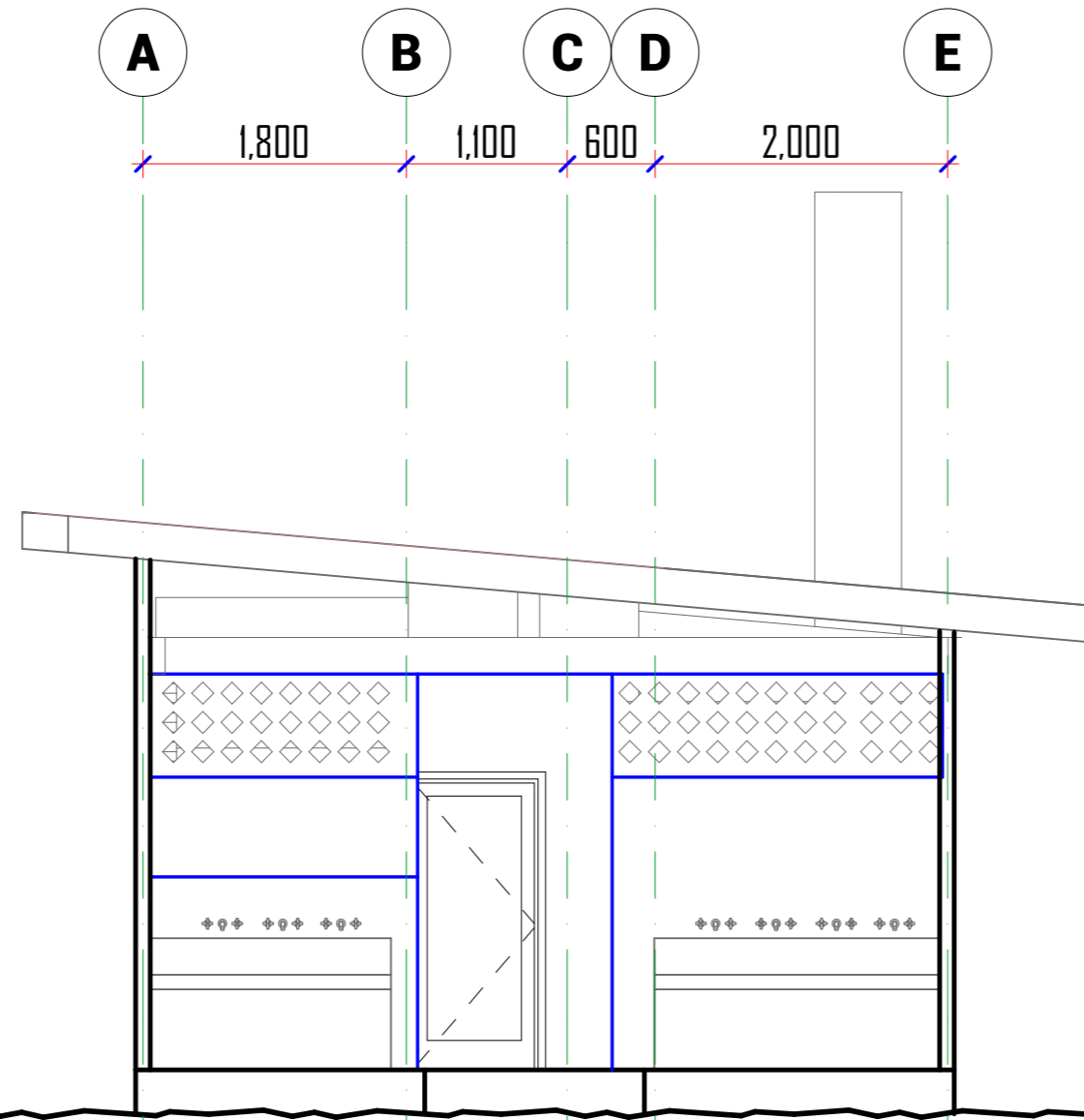
**Drawn by**

PEAKEY INTERNATIONAL

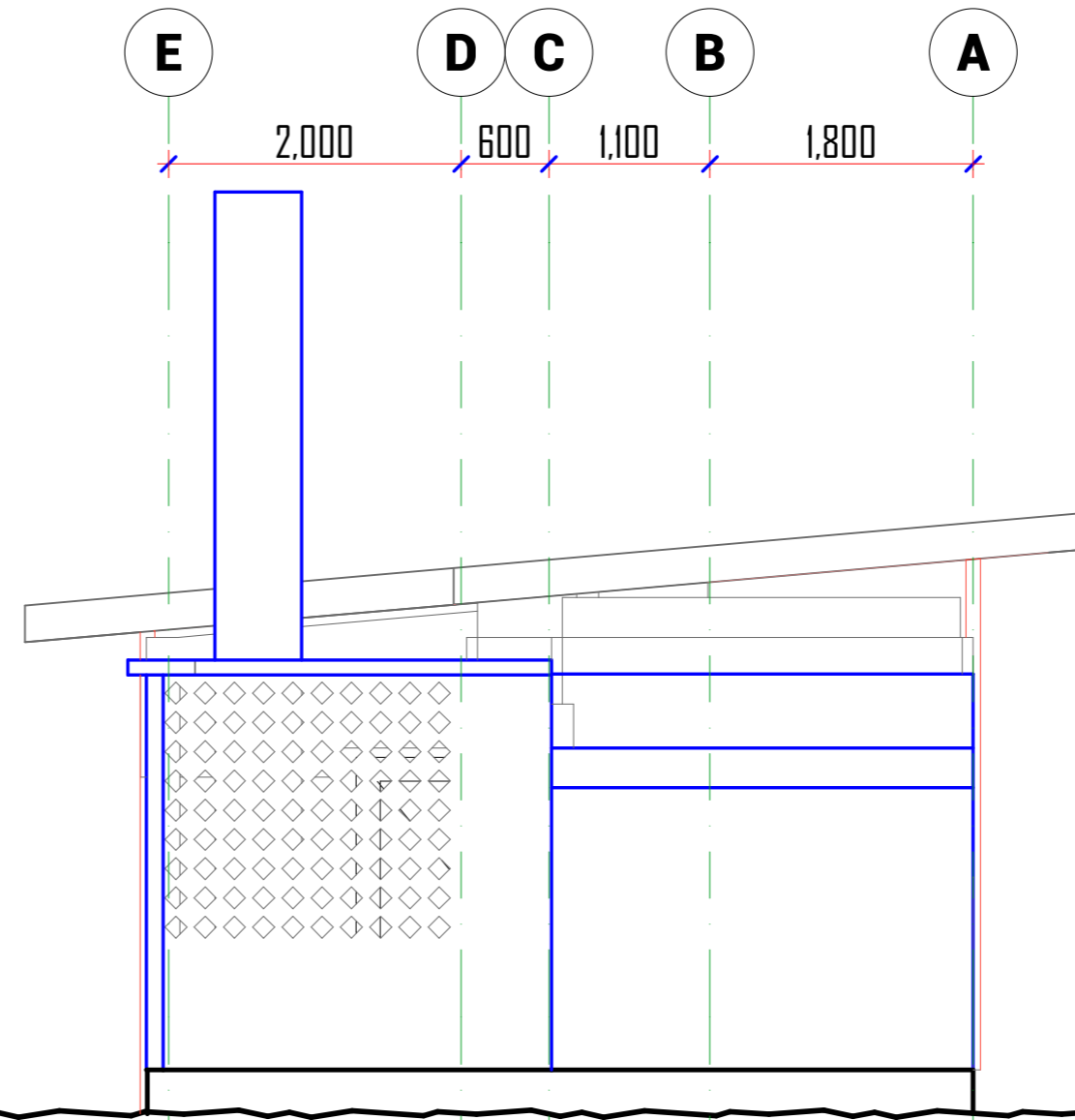
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**Drawing Number**

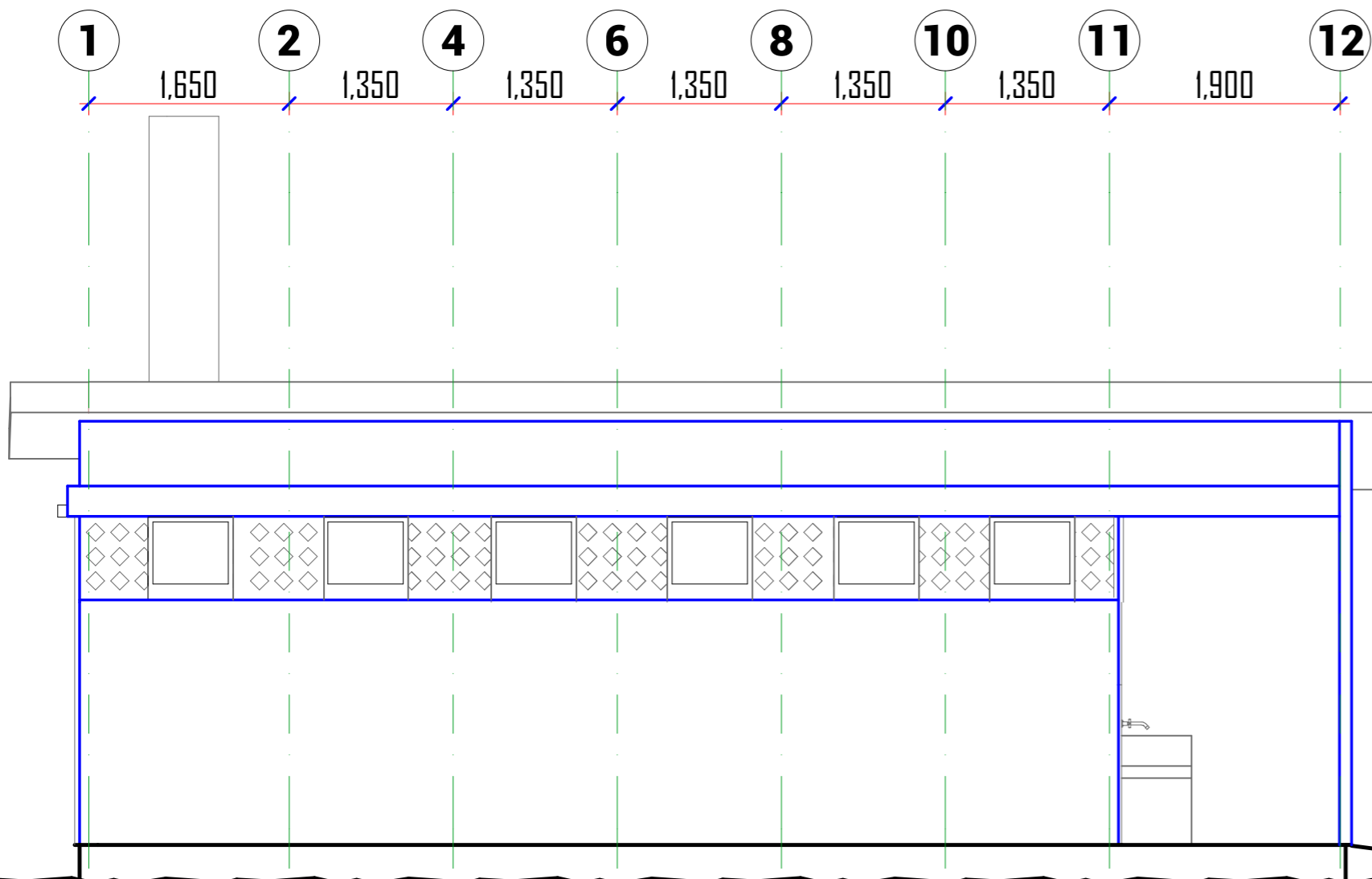
ENABEL/ARCH/DWG018



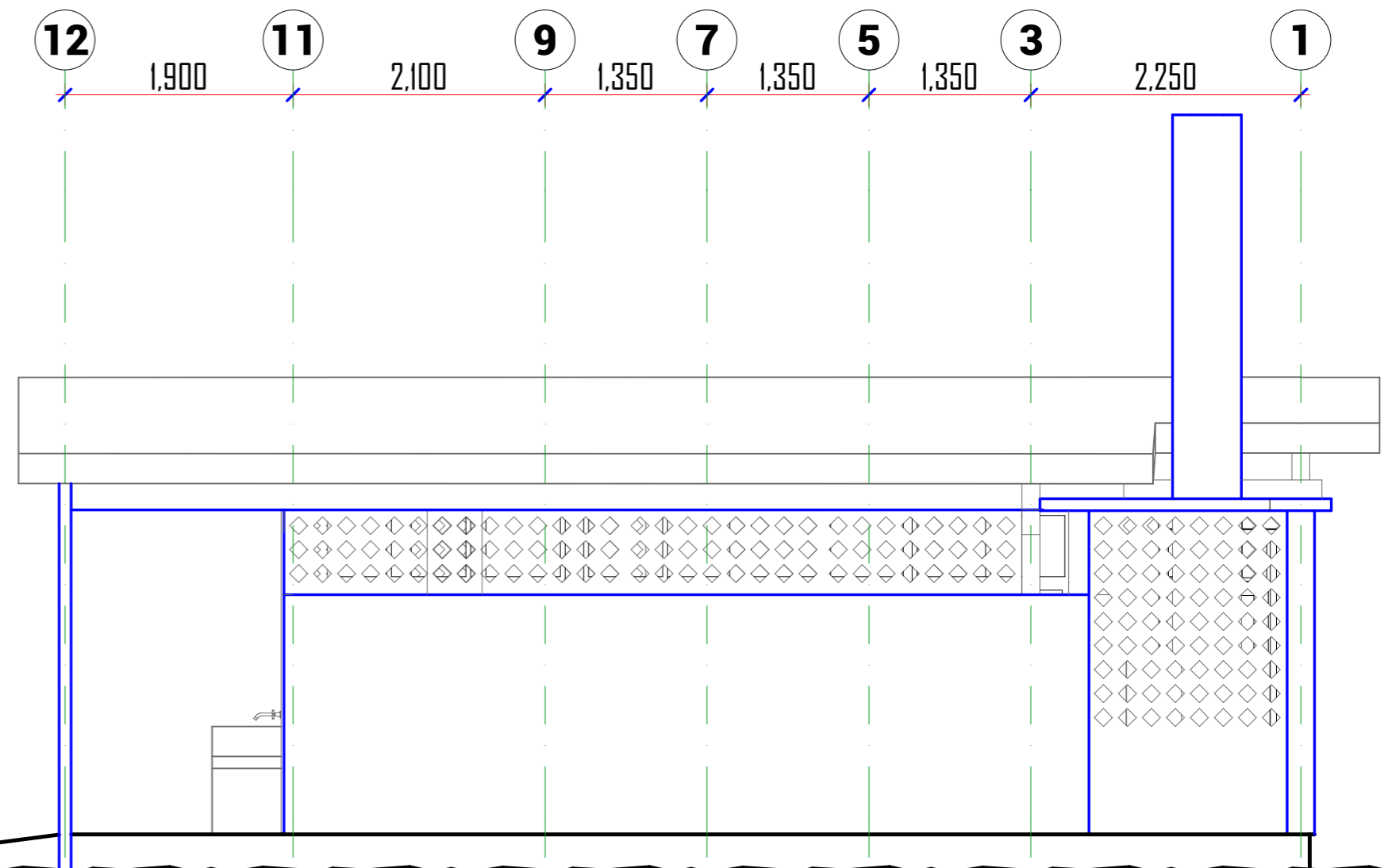
**FRONT ELEVATION**



**REAR ELEVATION**



**L. H. S ELEVATION**



**R. H. S ELEVATION**



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**District**

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**Client**

MINISTRY OF EDUCATION, SCIENCE &  
TECHNOLOGY

**Supervisor**

REGIONAL ENGINEER RAS OFFICE - KIGOMA

**Donor**

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

**Consultant:**



**GENERAL NOTES:**

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

**BUILDING TYPE:** Toilet Block

**Drawing Title**

ELEVATIONS

**Date**

October,2024

**Scale**

1:50

**Drawn by**

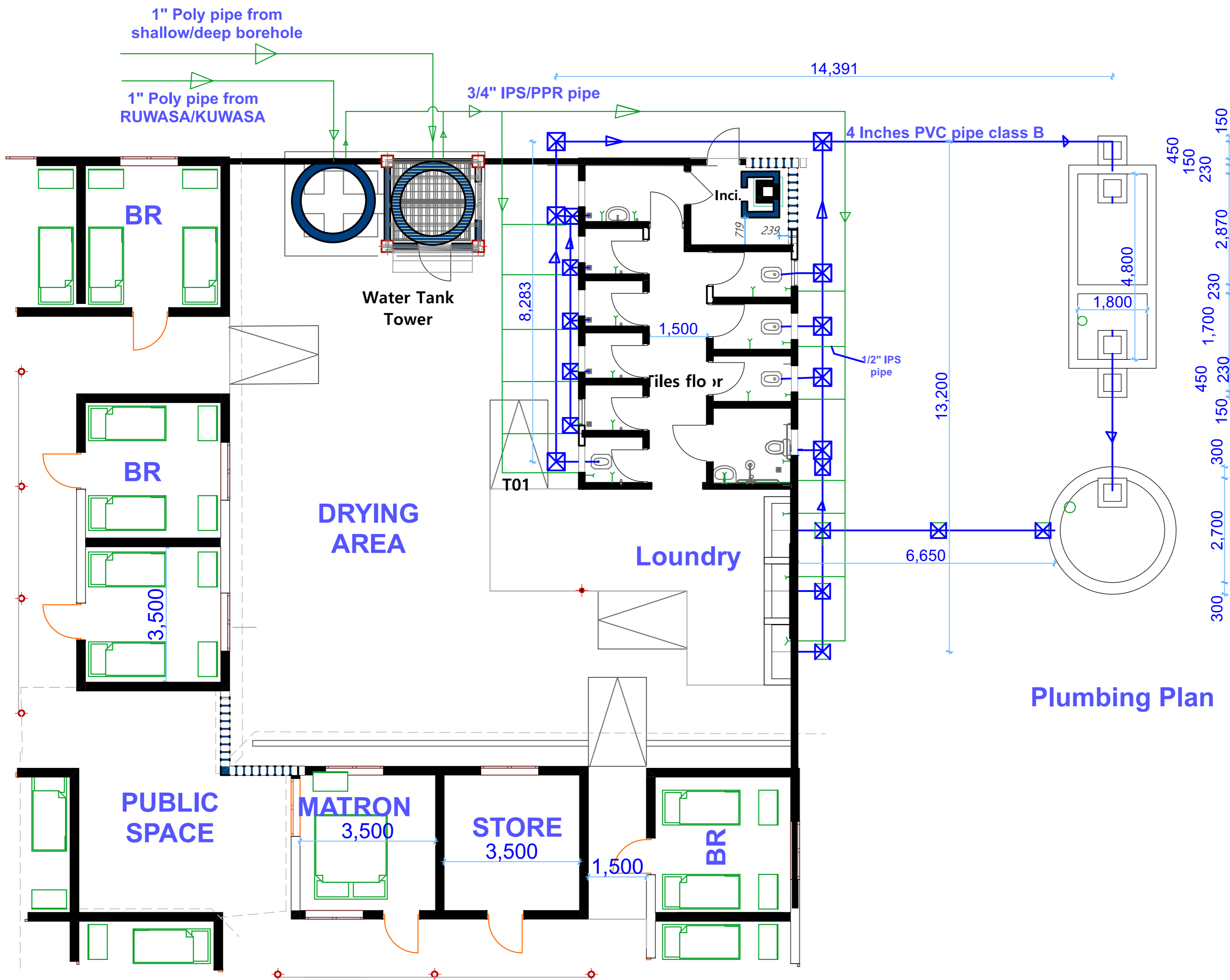
PEAKEY INTERNATIONAL

**Checked by**

**Drawing Number**

ENABEL/ARCH/DWG019





**Note:**  
 \*Depth of septic tank: 2m inlet , 1.8m outlet. Plaster 1:3 cement to sand plus water proof additives.  
 \*Slab : 150mm thick reinforced concrete with Y12- 175 c//c top and bottom single face only , 50mm cover  
 \*Depth of soak pit: 3.5m  
 \*Slab : 150mm thick reinforced concrete with Y12- 175 c//c top and bottom both face, 50mm cover

**Plumbing Plan**



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**Client**

MINISTRY OF EDUCATION, SCIENCE &  
 TECHNOLOGY

**Supervisor**

REGIONAL ENGINEER RAS OFFICE - KIGOMA

**Donor**

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

**Consultant:**



**GENERAL NOTES:**

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3. Scale : Not to scale

**BUILDING TYPE:** 88 - Students Hostel Building

**Drawing Title**

PLUMBING SYSTEM

**Date**

October,2024

**Scale**

1:60

**Drawn by**

PEAKEY INTERNATIONAL

**Checked by**

**Drawing Number**

ENABEL/ARCH/DWG026

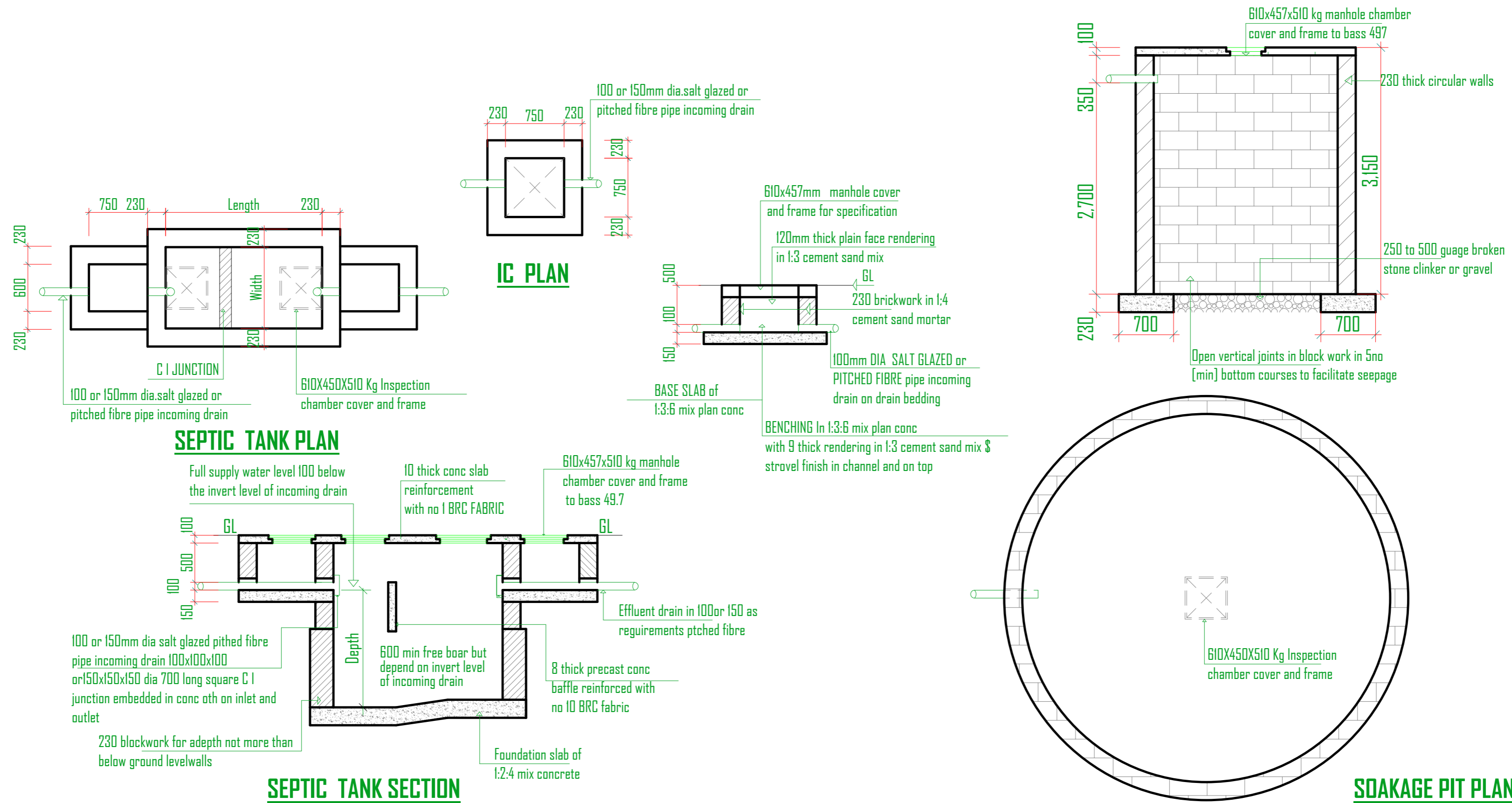


TABLE 1 SEPTIC TANKS SIZE						TABLE 2 SOAKAWAY SIZES TYPE B											
Type	All Wastes No of uses	Soil wastes no of users	DIMENSIONS [M]			VOLUME [M]	CAPACITY	Type	All Wastes No of uses	Soil wastes no of users	Internal diameter of soakaway[3 meters]						
			LENGTH	WIDTH	DEPTH												
1	7	10	2.00	1.00	1.30	2.60	2600	1	7	10							
2	7	20	2.20	1.00	1.50	3.30	3300	2	7	20							
3	15	30	2.50	1.20	1.70	5.10	5100	3	15	30							
4	30	45	3.00	1.30	1.80	7.02	7020	4	30	45							
5	40	60	3.40	1.50	1.80	9.18	9180	5	40	60							
6	50	75	3.70	1.60	1.80	10.65	10650	6	50	75							
7	60	90	4.20	1.70	1.80	12.85	12850	7	60	90							
8	75	105	4.50	1.80	2.00	16.20	16200	8	75	105							
9	85	120	4.80	1.80	2.00	17.28	17280	9	85	120							

**NOTES:** All dimension are in mm.  
Please do not scale the drawing.

All dimension are read in centimetres unless otherwise specified. Septic tanks must be constructed not less than a distance of 6m from the nearest building and must be vented back through incoming drain by providing with stock vent or soil cum vent pipe rising over the eaves and duly fitted with mosquito proofed screens etc. Septic tanks must be constructed proofed by adding puldo or some other water proofing agent or approved make in all mass concret and rendering. Provide the following limiting slope for different drain

Drain Pipe Dia	Min slope	Min slope
150	1:60	1:30
100	1:40	1:20
Smaller	1:30	1:15

DRAWN DATE DRG NO M-00DS  
STANDARD STD. INSPECTION CHAMBER SEPTIC TANK & SOAKAGE PIT

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<b>District</b>	Kigoma MC	<b>Client</b>	MINISTRY OF EDUCATION, SCIENCE & TECHNOLOGY
	Kigoma DC		
	Kasulu TC	<b>Supervisor</b>	REGIONAL ENGINEER RAS OFFICE - KIGOMA
	Kasulu DC		
Kibondo DC	<b>Donor</b>	WEZESHA BINTI, ENABEL, Belgian Development Agency P.O. Box 24 Kigoma, Tanzania	

**Consultant:**

PEAKEY INTERNATIONAL CONSULTING  
ENGINEERING  
Consulting Excellence

**GENERAL NOTES:**

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

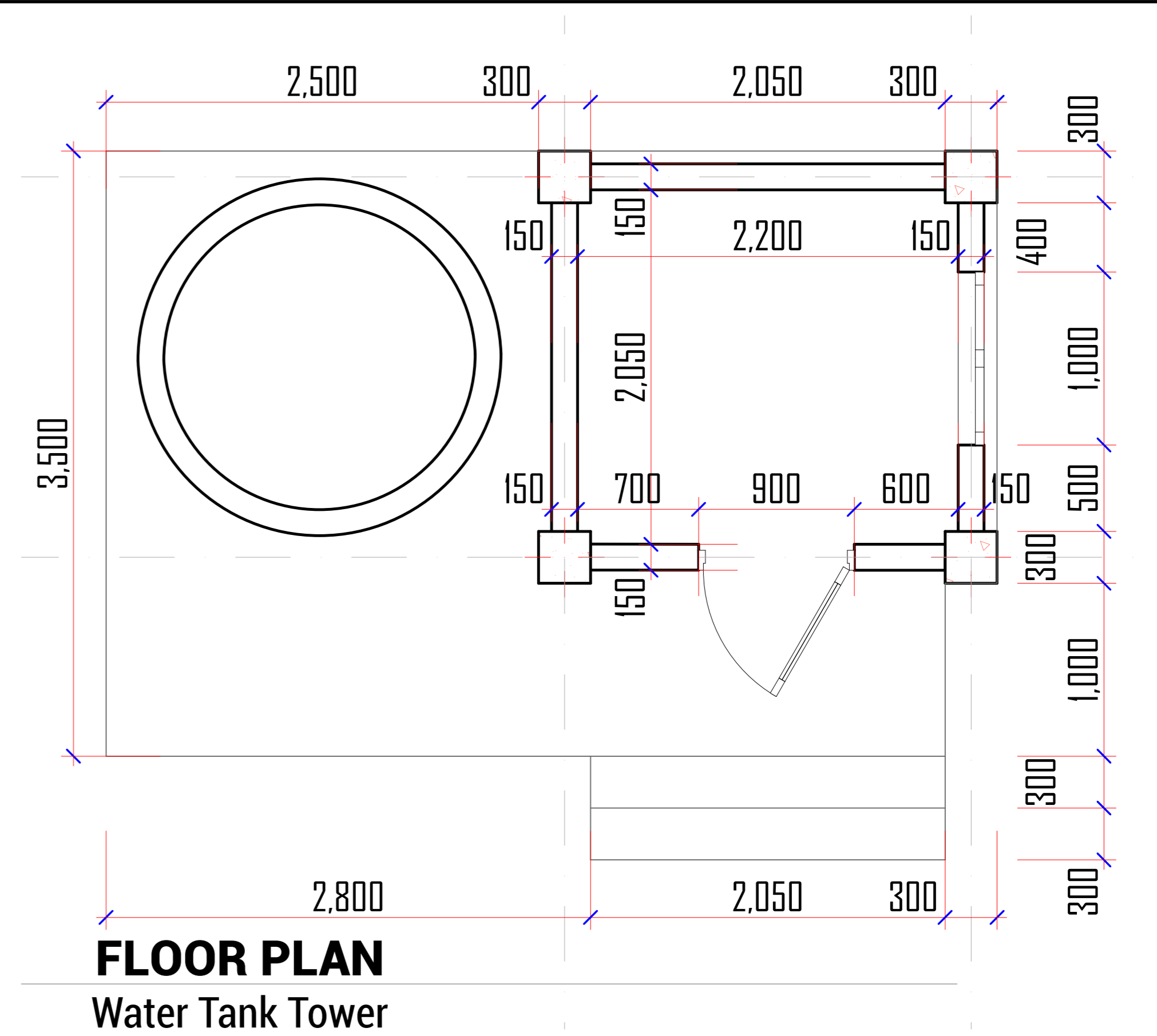
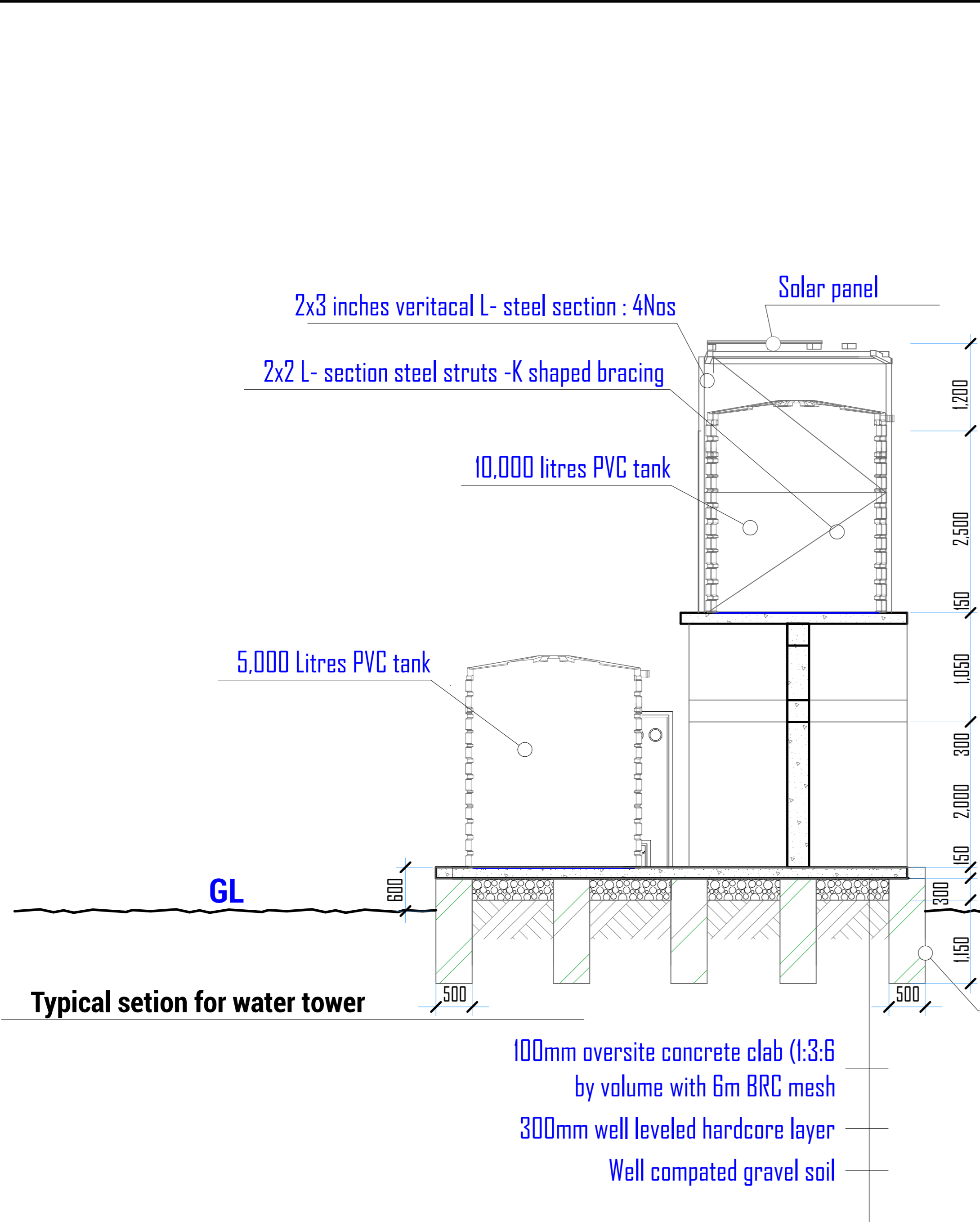
**BUILDING TYPE:** 120 - Students Hostel Building

<b>Drawing Title</b>	SEWAGE SYSTEM DETAILS
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<b>Scale</b>	1:45
<b>Drawn by</b>	PEAKEY INTERNATIONAL
<b>Checked by</b>	
<b>Drawing Number</b>	ENABEL/ARCH/DWG022

# **TANK TOWER & INCINERATOR**

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**Enabel**

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

<b>District</b>	Kigoma MC
	Kigoma DC
	Kasulu TC
	Kasulu DC
	Kibondo DC

<b>Client</b>	MINISTRY OF EDUCATION, SCIENCE & TECHNOLOGY
<b>Supervisor</b>	REGIONAL ENGINEER RAS OFFICE - KIGOMA
<b>Donor</b>	WEZESHA BINTI, ENABEL, Belgian Development Agency P.O. Box 24 Kigoma, Tanzania

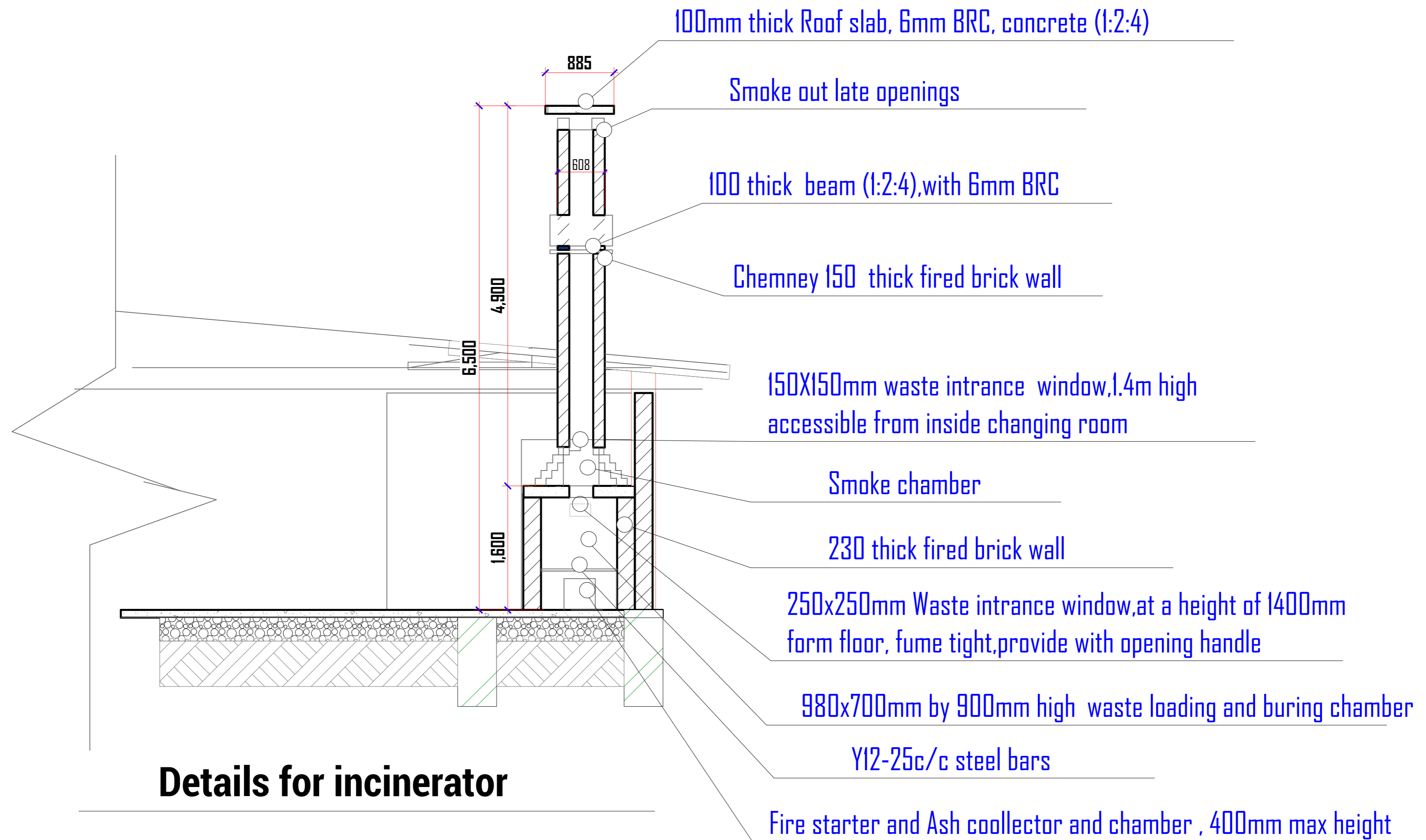
**Consultant:**



**PEAKEY INTERNATIONAL CONSULTING ENGINEERING**  
Consulting Excellence

<b>GENERAL NOTES:</b>
1. All dimensions are in mm
2. Depth of foundation may change due to subsoil condition
3. Scale : Not to scale
<b>BUILDING TYPE:</b> Tank Tower & Incinerator

<b>Drawing Title</b>	TANK TOWER
<b>Date</b>	October,2024
<b>Scale</b>	1:50, 1:25
<b>Drawn by</b>	PEAKEY INTERNATIONAL
<b>Checked by</b>	
<b>Drawing Number</b>	ENABEL/ARCH/DWG020



## Details for incinerator

**Enabel**

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**District**

Kigoma MC  
Kigoma DC  
Kasulu TC  
Kasulu DC  
Kibondo DC

**Client**

MINISTRY OF EDUCATION, SCIENCE &  
TECHNOLOGY

**Supervisor**

REGIONAL ENGINEER RAS OFFICE - KIGOMA

**Donor**

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

**Consultant:**



**GENERAL NOTES:**

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

**BUILDING TYPE:** Tank Tower & Incinerator

**Drawing Title**

INCINERATOR DETAILS

**Date**

October, 2024

**Scale**

1:40

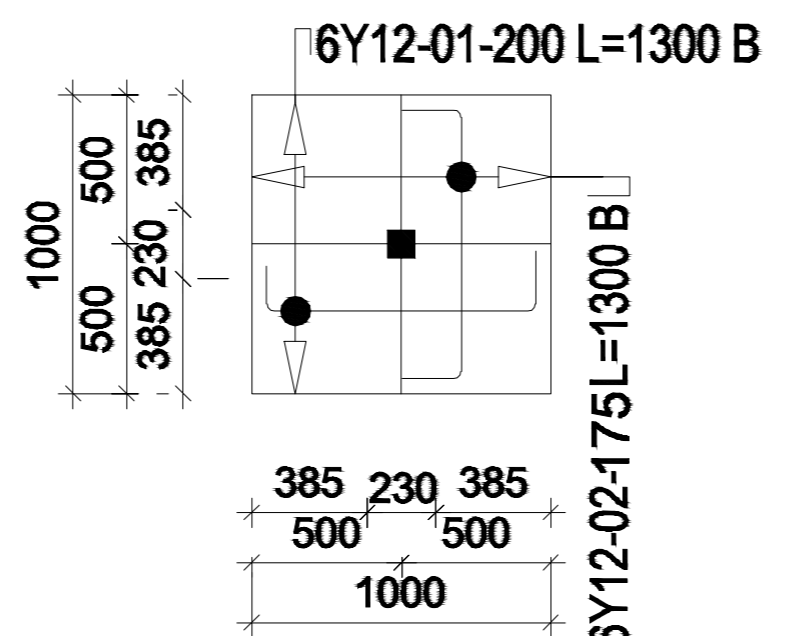
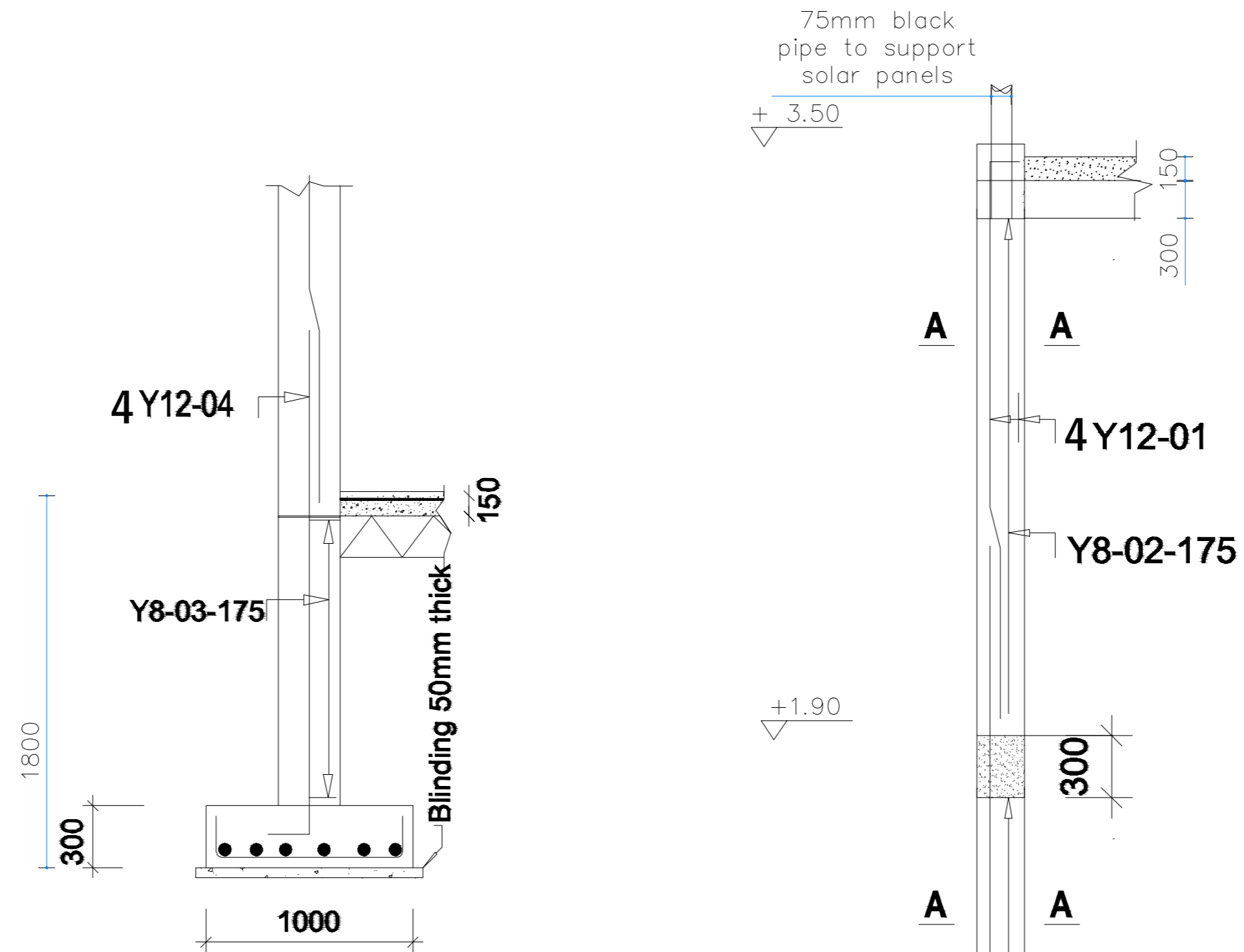
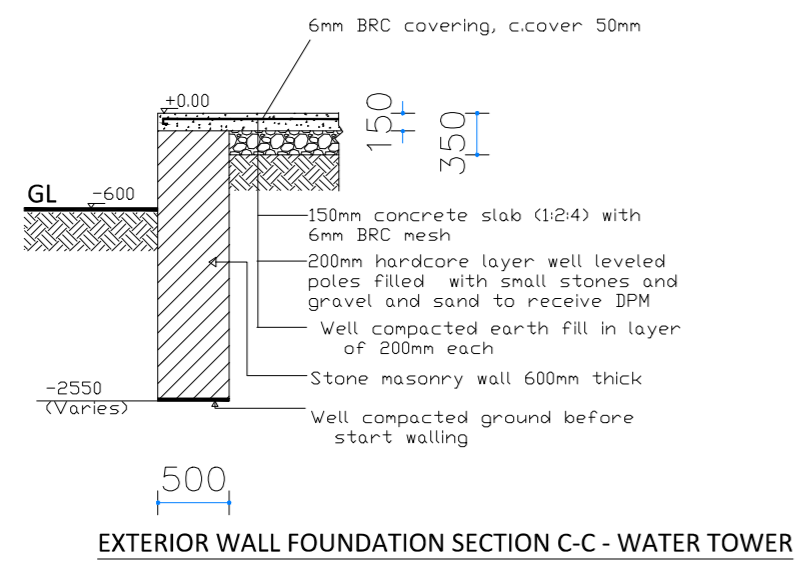
**Drawn by**

PEAKEY INTERNATIONAL

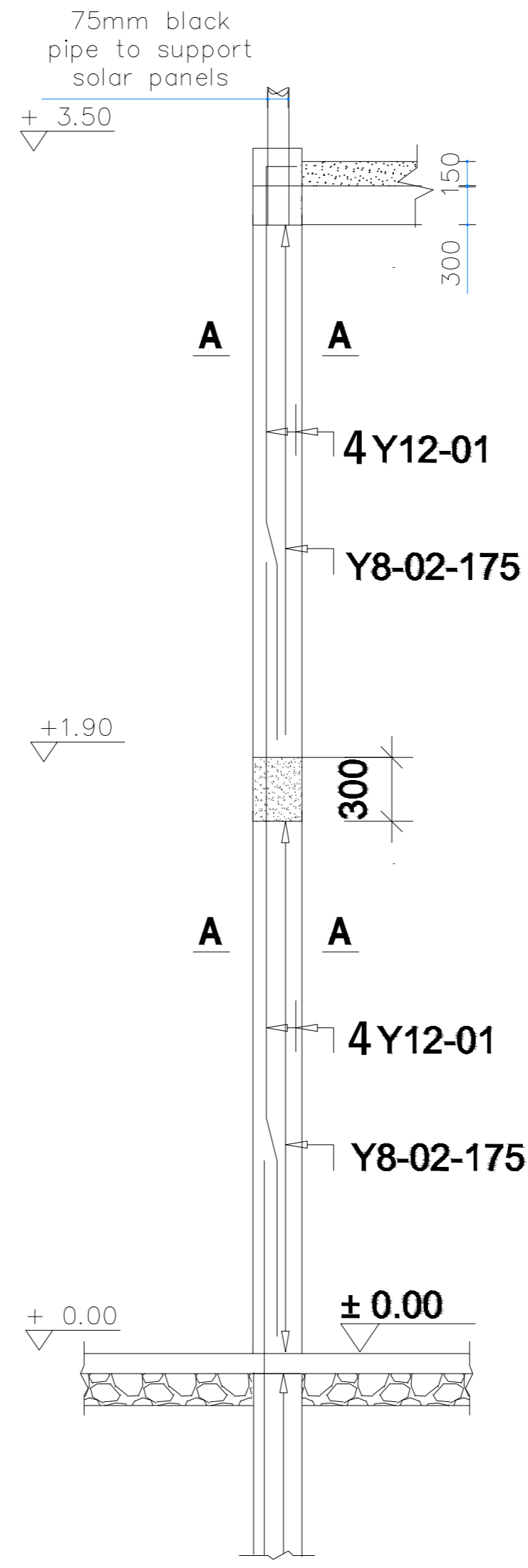
**Checked by**

**Drawing Number**

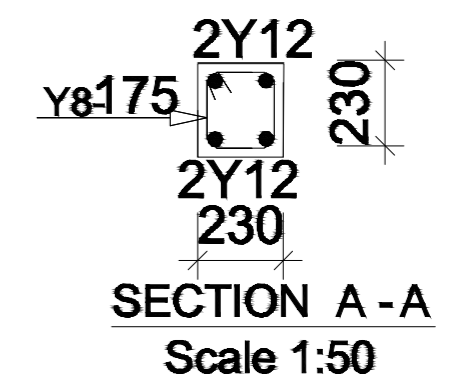
ENABEL/ARCH/DWG021



FOOTING F1 (1000x1000x300) 4Nos.  
Scale 1:50



COLUMN C1(230x230), 4Nos  
Scale 1:100



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	Kigoma DC			
	Kasulu TC	<b>Supervisor</b>		REGIONAL ENGINEER RAS OFFICE - KIGOMA
	Kasulu DC			
	Kibondo DC	<b>Donor</b>		WEZESHA BINTI, ENABEL, Belgian Development Agency P.O. Box 24 Kigoma, Tanzania

<b>Client</b>	MINISTRY OF EDUCATION, SCIENCE & TECHNOLOGY	
<b>Supervisor</b>		REGIONAL ENGINEER RAS OFFICE - KIGOMA
<b>Donor</b>		WEZESHA BINTI, ENABEL, Belgian Development Agency P.O. Box 24 Kigoma, Tanzania

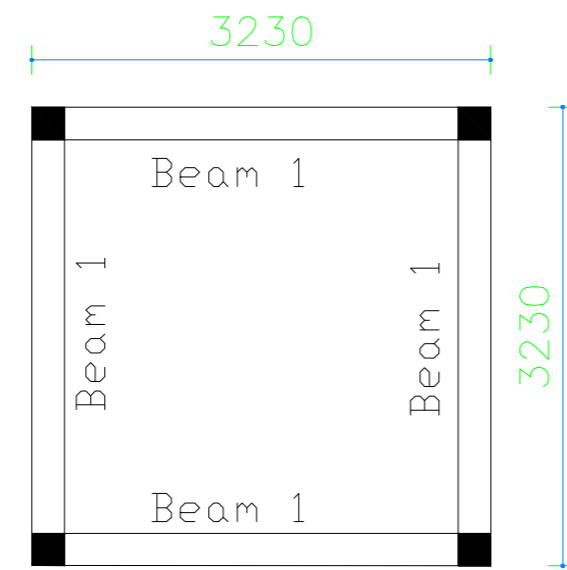
**Consultant:**



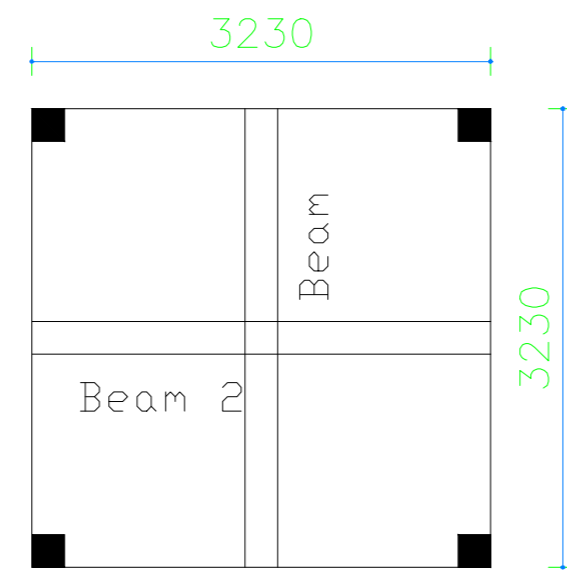
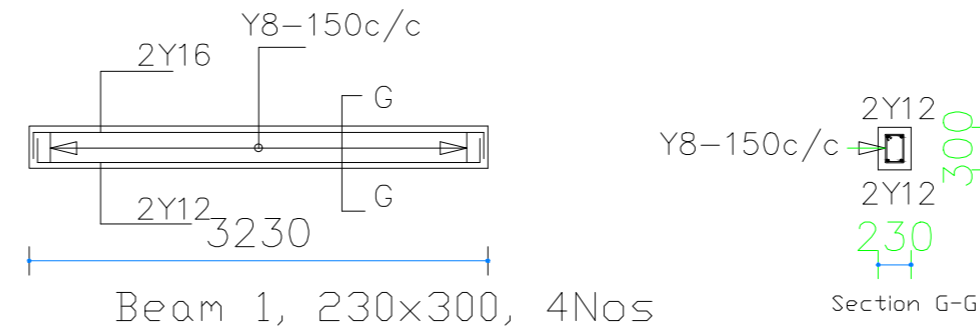
PEAKEY INTERNATIONAL CONSULTING ENGINEERING  
Consulting Excellence

<b>GENERAL NOTES:</b>
1. All dimensions are in mm
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3. Scale : Not to scale
<b>BUILDING TYPE:</b> 88 - Students Hostel Building

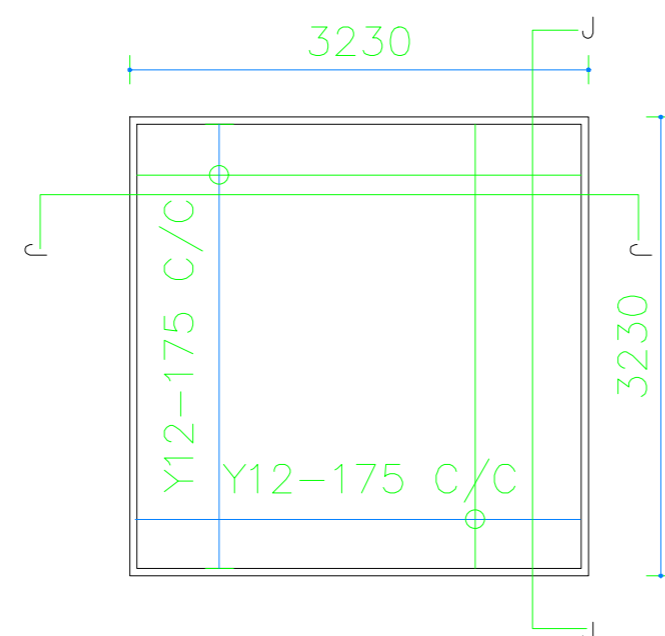
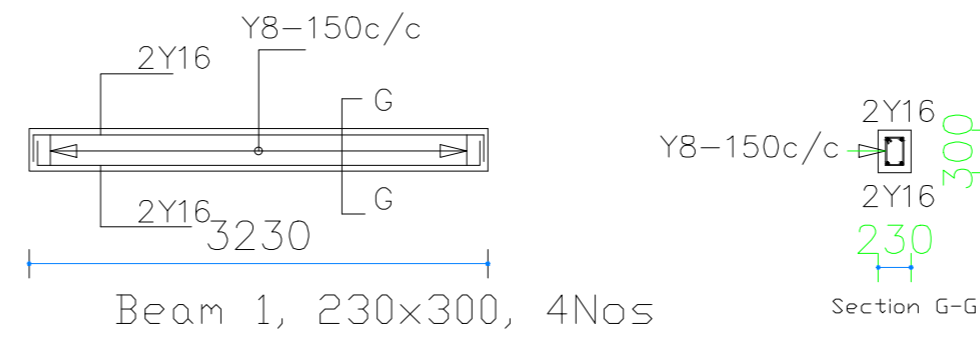
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<b>Date</b>	October,2024
<b>Scale</b>	1:40
<b>Drawn by</b>	PEAKEY INTERNATIONAL
<b>Checked by</b>	
<b>Drawing Number</b>	ENABEL/ARCH/DWG029



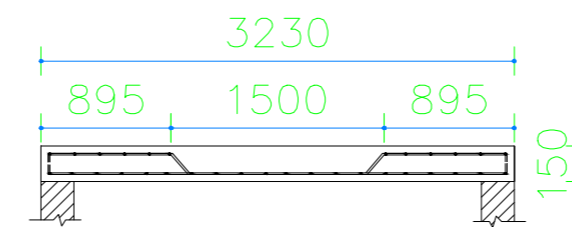
Beams Plan at level +2.0



Roof Beams 230x300, 2Nos



Details to roof slab



Roof Slab 1Nos



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**Client**

MINISTRY OF EDUCATION, SCIENCE &  
TECHNOLOGY

**Supervisor**

REGIONAL ENGINEER RAS OFFICE - KIGOMA

**Donor**

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**Consultant:**



**GENERAL NOTES:**

1. All dimensions are in mm
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**BUILDING TYPE:** 88 - Students Hostel Building

**Drawing Title**

DETAILS

**Date**

October,2024

**Scale**

1:40

**Drawn by**

PEAKEY INTERNATIONAL

**Checked by**

**Drawing Number** ENABEL/ARCH/DWG030