

Habimana Designing Company LTD

Masoro Sector
Rulindo District

Cell: 078 891158
0788991158

Vat no. 103095372

INVOICE

Customer

RTS-

Name _____
Address _____
Phone _____

Date _____
Order No. _____

Qty	Description	Unit Price	TOTAL
323.4m ²	Stone wall	11800	3,816,120
81.55m ²	Reinforced mix casting	9440	769,832
242.68m ²	concrete slab without steel	7500	1,820,100
798.40m ²	Plastering	2360	1,884,224
110m ³	sand collection	590	64,900
172.5m ³	stone collection	2360	407,100
162.635m ³	Excavation	4720	767,637
/			

Payment










SubTotal _____
Vat 18 % _____
TOTAL 9,529,913 Rwf

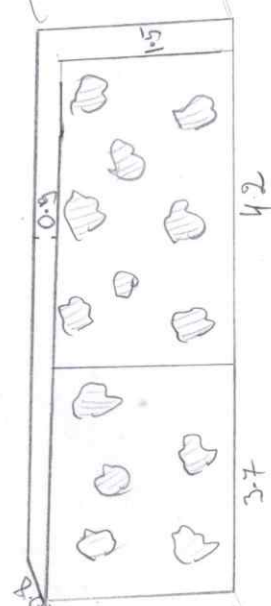
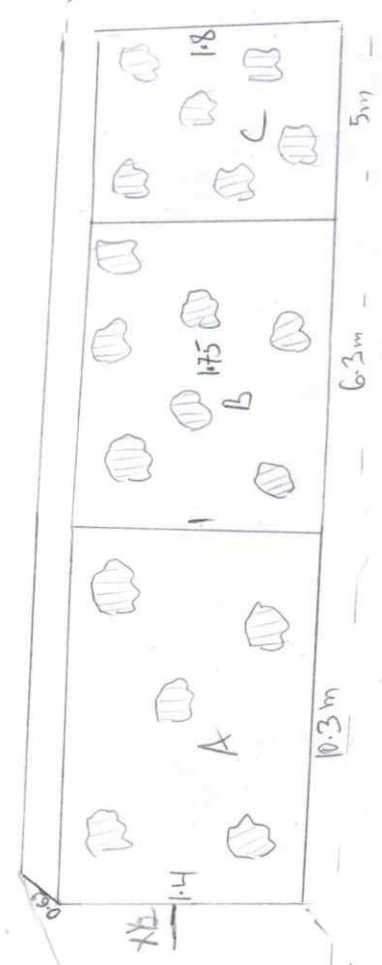
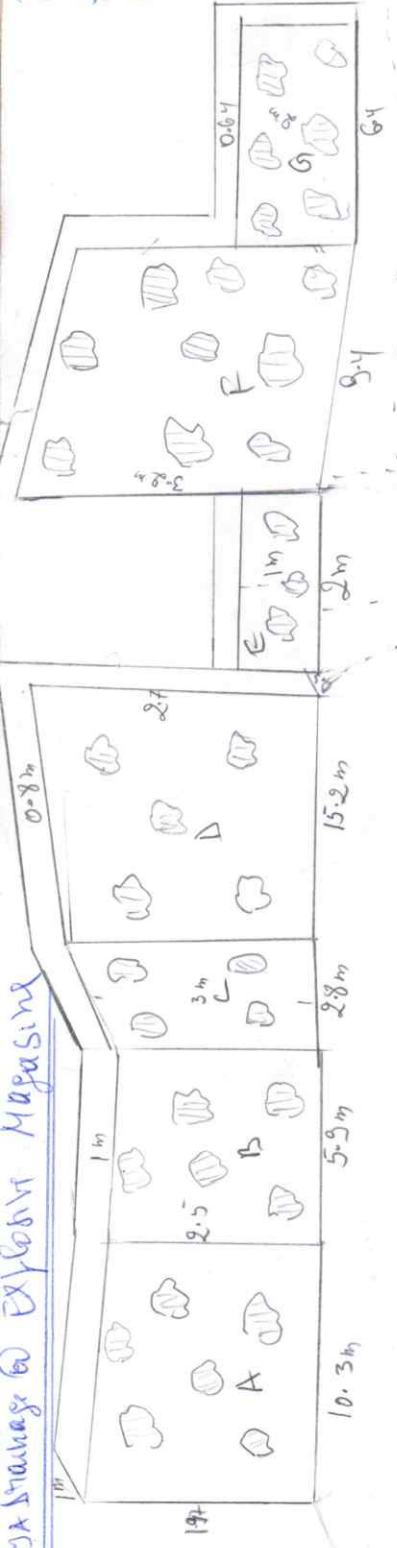
Managing Director: Jean Claude Habimana

KONTI 1121 RIM

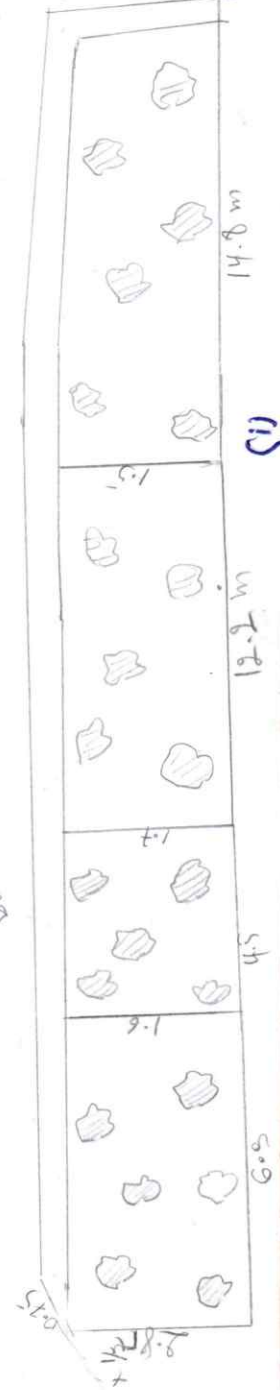
APPROVAL OF CONSTRUCTION WORK AT RUTONGO

DATE	NAMES	POSITION	SIGNATURES
21/02/2025	NGARABE Pacifique	SURVEYOR	
01/02/2025	TRES Harry	MRM MANAGER	
2-8/2/2025	Ndayambaye Jean Claude	CONSTRUCTION SUPERVISOR	
29/2/2025	Pepin Ndayambaye	ENGINEERING AND PROJECT MANAGER	
13/3/2025	Faco and Merve	MINE MANAGER	
17/3/2025	Xabellis Gelly	PROCUREMENT	
17/3/25	Rayan Ndayambaye	FINANCIAL MANAGER	

GRASAMBAYA STRAHOGE W/ EXHIBIT MAGASIN



Storage Slab



X Stone wall

$A = 0.3 \times 1.07 = 17.57 \text{ m}^2$
 $B = (2.5 \times 5.9) = 14.75 \text{ m}^2$
 $C = (2.8 \times 3) = 8.4 \text{ m}^2$
 $D = (2 \times 1) = 2 \text{ m}^2$
 $E = (15.2 \times 0.8) = 12.16 \text{ m}^2$
 $F = (9.4 \times 0.64) = 6.016 \text{ m}^2$
 $G = (6.4 \times 0.64) = 4.096 \text{ m}^2$
 $\text{Plastering} = 12.16 + 6.016 = 18.176 \text{ m}^2$
 $\text{Concrete} = 18.176 + 46.6 = 64.776 \text{ m}^2$

Stone wall

$(10.3 \times 1.4) + (6.3 \times 1.75) + (5 \times 1.8)$
 $+ (2 \times 6.8) = 48.245 \text{ m}^2$

$\text{Concrete} = (2.1 \times 0.64) + (1 \times 6.5) = 9.28$
 $\text{Plastering} = 68.54 \text{ m}^2 + 24.123 = 92.663$

Stone wall

$(3.7 \times 1.5) + (4.2 \times 1.5) = 11.85 \text{ m}^2$

Concrete

$(7.9 \times 0.85) = 6.715 \text{ m}^2$

$\text{Plastering} = 18.565 \text{ m}^2$

$\text{Stone wall} = (6.9 \times 2.5) + (1.6 \times 4.5) + (2.2 \times 1.7)$
 $+ (14.8 \times 1.5) = 70.16 \text{ m}^2$

$\text{Plastering} = 70.16 + 35.08 + 29.1 = 134.34 \text{ m}^2$

$\text{Slab} = (38.8 \times 0.75) = 29.1 \text{ m}^2$

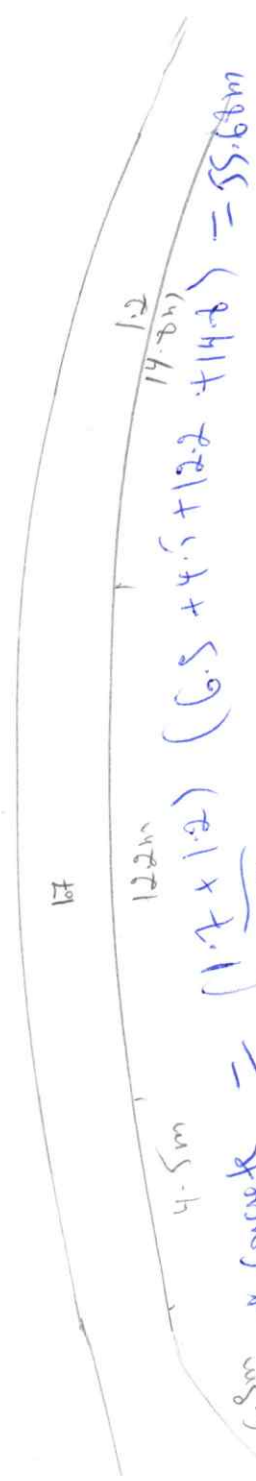
GASKMBYK EXPLOSIVE MAGASIN 1st Slab INSIDE Drainage



* Slab = $(16.4 \times 1.3) + (17.8 \times 1.6) + (5 \times 3.5) = 67.3 \text{ m}^2$

* Plastering = 67.3 m^2

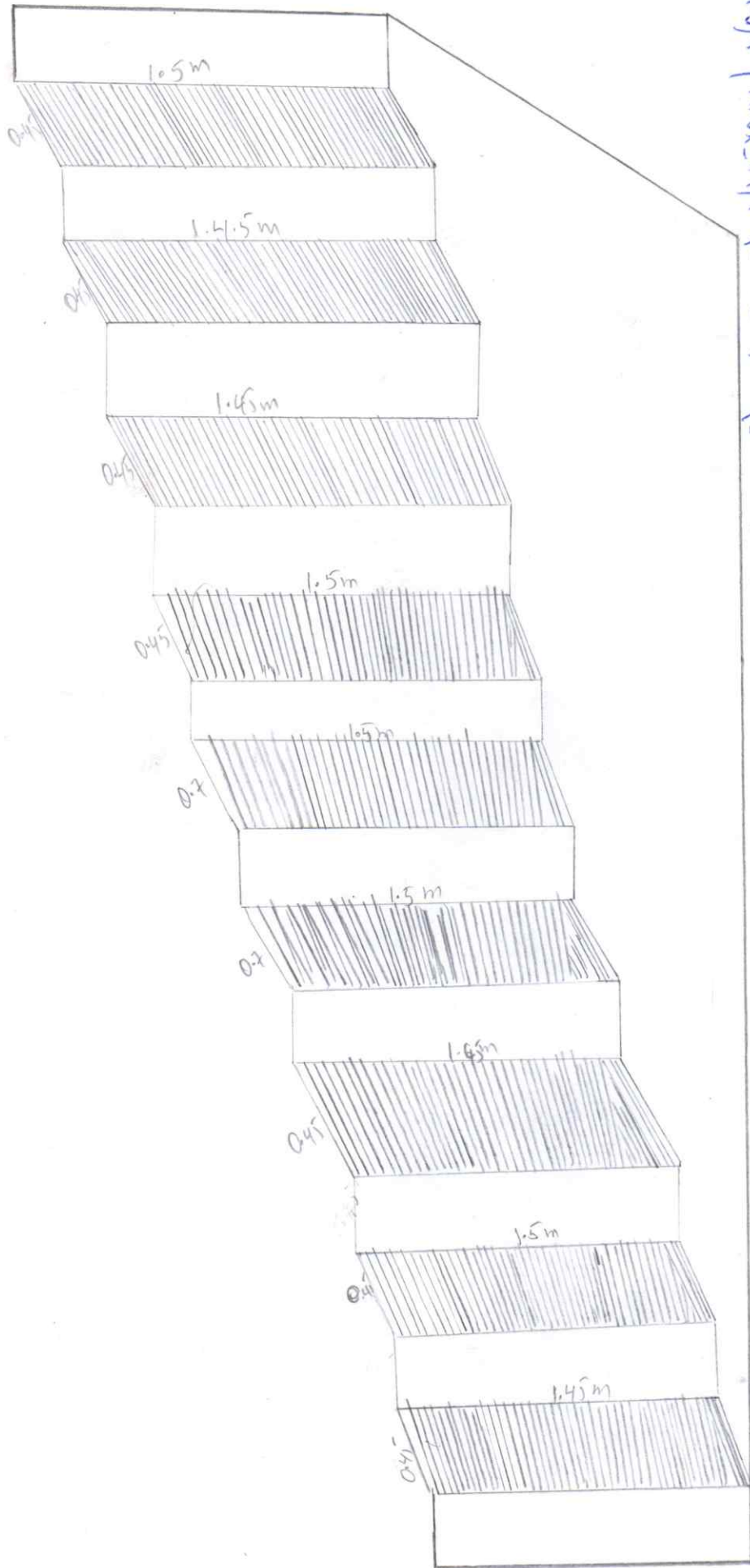
GASKMBYK EXPLOSIVE MAGASIN Slab Inside after bridge at 2nd



* Concrete = $(1.7 \times 1.2) (6.5 + 4.5 + 12.2 + 14.8) = 55.68 \text{ m}^2$

* Plastering = 55.68 m^2

GITSANUBA Explore Magazine Steps to old bridge



$$+ (0.45 \times 1.5) = 7.05$$

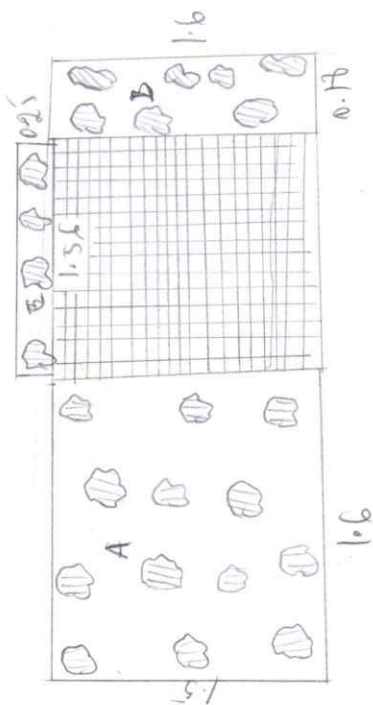
* Spandrel = $(1.45 \times 0.45) + (1.5 \times 0.45) + (1.45 \times 0.45) + (1.5 \times 0.45) + (1.5 \times 0.45) + (1.5 \times 0.45) + (1.5 \times 0.45) + (1.5 \times 0.45) + (1.5 \times 0.45) + (1.45 \times 0.45) = 12.49 \text{ m}^2$

* Concrete = 12.49 m^2

* Plastering = $(0.2 \times 1.45) + (1.5 \times 0.45) \times 8 + 7.05 = 12.49 \text{ m}^2$

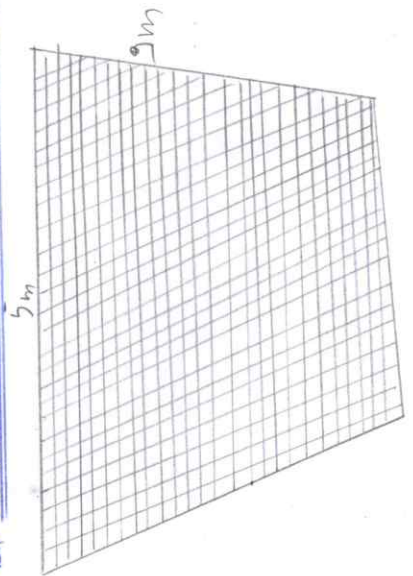
Old Tunnel 18 GASAMBAYA CLOSE ENTRANCE

* Stonewall = $(1.5 \times 1.6) + (0.18 \times 1.6) + (1.56 \times 0.25) = 3.078 \text{ m}^2$
 * Plastering = 3.078 m^2

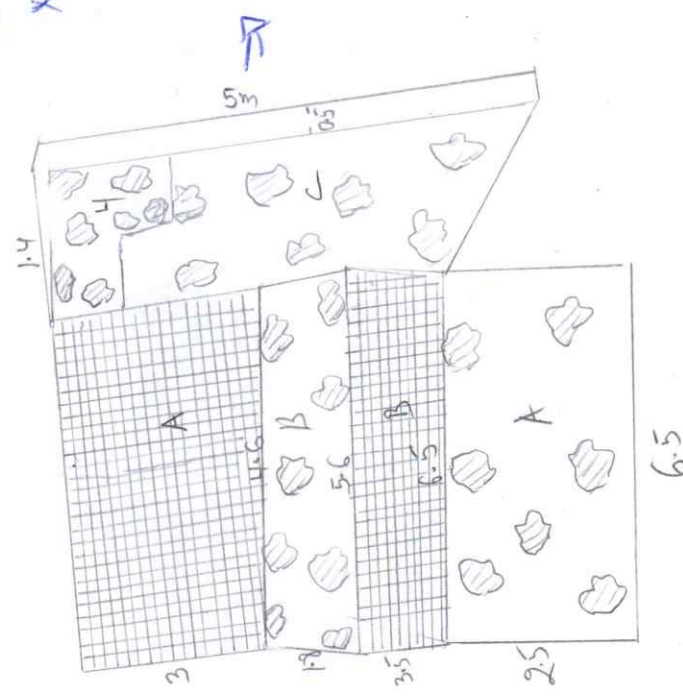


Tunnel 17 GASAMBAYA ENTRANCE REPAIRED

* Reinforced casting $\rightarrow (9 \times 5) = 45 \text{ m}^2$
 * Plastering = 45 m^2



Q15) Estimate the quantity of materials for the extension of the slab



Plastering back = $(25.07 \times 2) = 50.14$

Plastering $\frac{A}{A} = (2.0 \times 1) = 2.0 \text{ m}^2$

$b = (8.2 \times 1.7) = 13.94 \text{ m}^2$

$c = (3.7 \times 1.1) = 4.07 \text{ m}^2$

$\Delta = (1 \times 1) = 1 \text{ m}^2$

$\Delta = \frac{10.2 \times 2.1}{2} = 10.71 \text{ m}^2$

$\Delta = 11.02 \text{ m}^2$

$\Delta = 7.38 \text{ m}^2$

$\Delta = 3.64 \text{ m}^2$

$\Delta = 13.94 + 12.5 + 12.5 = 39.94$

$\Delta = 52.76 \text{ m}^2$

$\Delta = 24.7 \text{ m}^2$

$\Delta = 33.33 + 36.55 + 72.38 = 142.26 \text{ m}^2$

$\Delta = 36.55 \text{ m}^2$

$\Delta = 72.38 \text{ m}^2$

$\Delta = 33.33 + 36.55 + 72.38 = 142.26 \text{ m}^2$

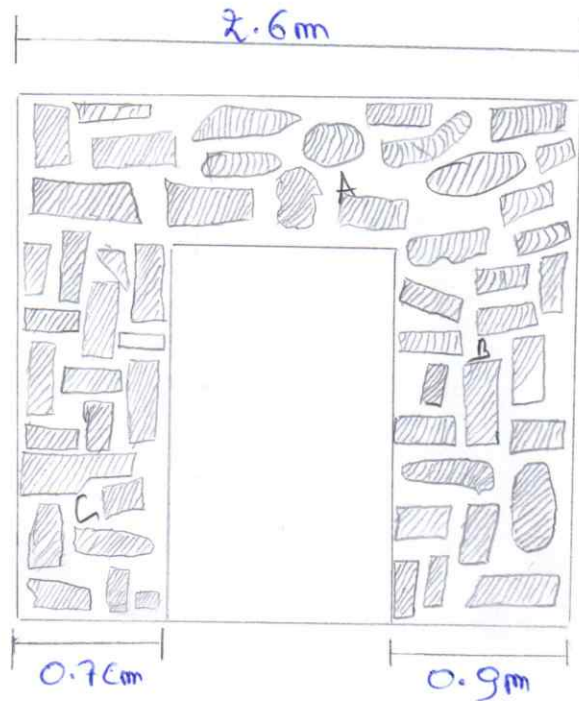
$\Delta = 36.55 \text{ m}^2$

$\Delta = 72.38 \text{ m}^2$

$\Delta = 33.33 + 36.55 + 72.38 = 142.26 \text{ m}^2$

$\Delta = 36.55 \text{ m}^2$

MATHAZA THIRUNINI Close of Inside Store



* Store wall

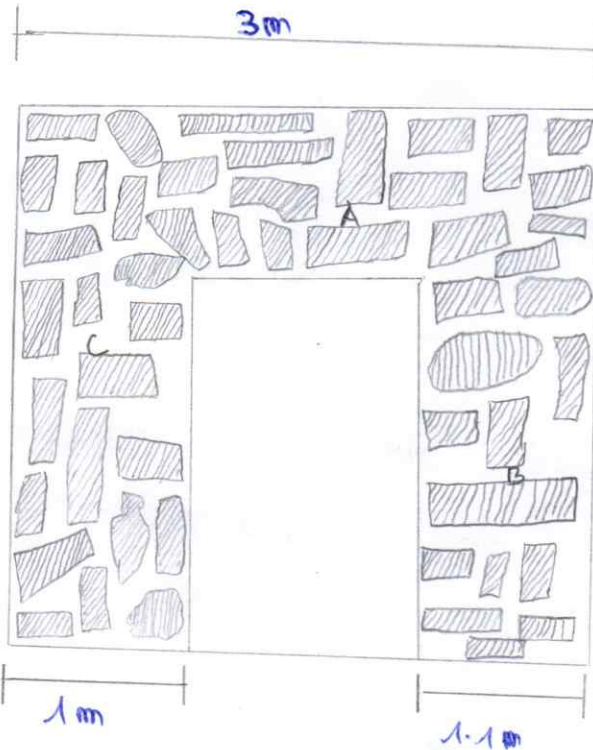
$$1m \times (2.6 \times 1) = 2.6 m^2$$

$$B = (2.1 \times 0.9) = 1.89 m^2$$

$$C = (0.7 \times 2.1) = 1.47 m^2$$

$$\text{total} = \underline{5.96 m^2}$$

$$2.1 \text{ flashing} = 5.96 m^2 \times 2 = 11.86$$



* Store wall

$$0.7m \times (3 \times 0.7) = 2.1 m^2$$

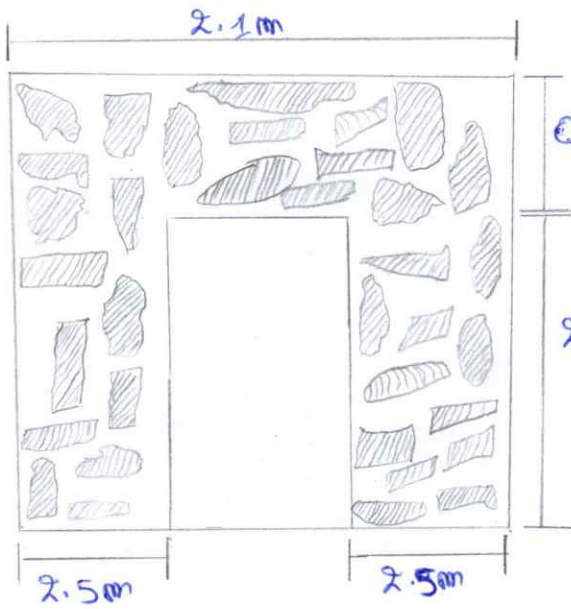
$$B = (2.1 \times 1.1) = 2.31 m^2$$

$$C = (2.1 \times 1) = 2.1 m^2$$

$$2.1m \text{ total store wall} = \underline{6.51 m^2}$$

$$\text{flashing} = (6.51 \times 2) = 13.02 m^2$$

MAHAZA TAMUNINI close of Inside stone



* Stonemall

$$0.3m (2.1 \times 0.3) + (2 \times 2.5) \times 2 = 10.63 m^2$$
$$= \text{plastering} = \underline{10.63 m^2} \times 2$$
$$\Rightarrow 21.26 m^2$$

Total Measurement of Construction Work Done by HABIMANK DESIGNS COMPANY LTD
in November & DECEMBER 2025

$$* \text{Stonewall} = (126.58 + 48.245 + 11.85 + 70.16 + 33.33 + 3.078 + 5.96 + 6.51 + 7.09 + 10.63) \text{ m}^2 = \underline{\underline{323.4 \text{ m}^2}}$$

$$* \text{Reinforced concrete} = (45 + 36.55) \text{ m}^2 = \underline{\underline{81.55 \text{ m}^2}}$$

$$* \text{Concrete} = (12.49 + 46.8 + 20.29 + 29.1 + 11.02 + 67.3 + 55.68) \text{ m}^2 = 242.68 \text{ m}^2$$

$$* \text{Concrete} = (12.49 + 46.8 + 20.29 + 29.1 + 11.02 + 67.3 + 55.68 + 45 + 52.76 + 24.7 + 72.38 + 67.3 + 55.68)$$

$$* \text{Plastering} = (12.49 + 21.26 + 173.38 + 92.7 + 18.565 + 134.34 + 3.078 + 45 + 52.76 + 24.7 + 72.38 + 67.3 + 55.68) \text{ m}^2 = \underline{\underline{798.453 \text{ m}^2}}$$

Collecting stone

- Gasambya explosive Magazine 30 fuso = 150 m^3
 - Gasambya T 18 0.5 fuso = 2.5 m^3
 - Gasambya T 17 4 fuso = 20 m^3
-
- 172.5 m³

Collecting sand

- Gasambya explosive magasin 20 fuso = 100 m^3
 - Gasambya T 17 2 fuso 10 m³
-
- 110 m³

excavation

$$1.8 \times 9 \times 0.8 = 12.96 \text{ m}^3$$

$$1.5 \times 7.7 \times 3 = 34.65 \text{ m}^3$$

$$5 \times 3.5 \times 0.75 = 13.125 \text{ m}^3$$

$$6 \times 3 \times 1.5 = 27 \text{ m}^3$$

$$6.8 \times 2.7 \times 1.4 = 25.7 \text{ m}^3$$

$$7.9 \times 3 \times 0.8 = 18.96 \text{ m}^3$$

$$36 \times 0.7 \times 1.2 = 30.24 \text{ m}^3$$

Total

$$162.635 \text{ m}^3$$