Rutongo Trading & Service LTD

Masoro Sector
Rulindo District

Cell: (078)8619051

Vat no. 103094597

INVOICE

Customer

Name: Rutongo Mines LTD
Address: Rulindo District
Masoro Sector
Phone:
TIN: 101907211

RTS-
Date: 11/03/2025
Order No.:

Qty	Description	Unit Price	TOTAL
21.35 m^2	Stone Wall	11800	251930
142.92 m^2	Brick Wall	7080	1012288
235.064 m^2	Plastering	2360	554751
34.52 m^2	Rongette	6800	234736
100.084 m^2	Concrete	9440	944793
296.689 m^2	Peinting	590	175046
59.49 m^2	Tiles	5900	350991
56.16 m^2	Roof Caver	1180	66269
25 m^3	Collecting Sand	590	14750
20 m^3	Collecting Stone	2360	47200
199 m^3	Excavation	4720	93928
FF	Bath room and plambing		265246
		SubTotal	
		Vat 18 %	
		TOTAL	4,046,928 Frws

Payment: Cash

4,046,928 Frws

RUTONGO TRADING & SERVICE LTD VAT: 103094597 Tel: 0788619051

Managing Director: Hitimana Jean Pierre

Quality is never an accident; it is always the result of high intention, intelligent direction and skillful execution

(1) Stone wall = 21.35 m^2 per 1800 = 251,930 F

(2) Brickwall = 147.922 m^2 per 7080 = 1,047,288 F

(3) Plastering = 235.064 m^2 per 2360 = 554751 F

(4) Ranpete = 34.52 m^2 per 6800 = 234736 F

(5) Concrete = 100.084 m^2 per 9440 = 944793 F

(6) Painting = 296.689 m^2 per 590 = 175,046 F

(7) Tiles = 59.49 m^2 per 5900 = 350,991 F

(8) Roofcover = 56.16 m^2 per 1180 = 66,269 F

(9) Collecting sand = 25 m^3 per 590 = 14,750 F

(10) Collecting stone = 20 m^3 per 2360 = 47,200 F

(11) Excavation = 19.9 per 4720 = 93,928 F

(12) Bath room and plumbing. = 265,246 Frw

Total = 4,046,928 Frw

MATHEMATICAL CALCULATIONS

(1) Stone wall (foundation)

$\Rightarrow [(7.6 \times 0.5) \times 2 + (5.1 \times 0.5) \times 4 + (2.1 \times 0.5) + (1 \times 0.5) + (4.1 \times 0.5)]\ m^2$

$= \boxed{21.35\ m^2}$ [STONEWALL]

(2) Brickwalls $h = 4.17$, and $h = 3.17$ back

* Outside walls $= (7.4 \times 4.17) \times 2 + (5.5 \times 3.17) + (5.5 \times 4.17)$

$= 102.086\ m^2$

* Inside $= [(5.5 \times 3.47) \times 2 + (1.2 \times 3.47) + (4.3 \times 3.47) + (2.3 \times 3.47)$

$= 65.236\ m^2$, height of used inside was average

* Areas of openings

- Doors $= [(0.9 \times 2) \times 5 + (1.6 \times 2)] = 12.2\ m^2$
- Windows $= [(1.5 \times 1.2) \times 3 + (0.5 \times 0.6) \times 2 + (1 \times 1.2)] = 7.2\ m^2$

Total openings $= 19.4\ m^2$

Total bricks wall $= [(102.086 + 65.236) - 19.4]\ m^2$

$\boxed{= 147.922\ m^2}$

(3) plasterings, painting and Tilings

* Corridor. Heights equal to 2.95 to ceilings

* plastering: $[[(1.4 \times 2.95) \times 1 + (5.5 \times 2.95) \times 2] = 38.94\ m^2$

* painting $= 38.94\ m^2$

* Tiling $= (5.5 \times 1.1)\ m^2 = 6.05\ m^2$

* WC, all bathrooms and WC are equal

+ plastering, height to be used is above wall tiles = 1.13

$[(1.2 \times 1.13) \times 2 + (2.65 \times 1.13) \times 2] = 8.705 \times 2$

plastering of all WC = $17.402 m^2$

* painting of all WC = $17.402 m^2$

* Tiles - pavement tiles

$= (2.65 \times 1.2) \times 2$

$= 6.36 m^2$

- Wall tiles

$= [(1.2 \times 1.82) \times 2 + (1.82 \times 2.65) \times 2] = 14.014 m^2$

Openings $= (0.9 \times 1.82) m^2 = 1.638$

Wall tile of single WC $= 12.376 m^2$

Tiles of WC $= 24.752 m^2 + 6.36 m^2$

$= 31.112 m^2$

* Room 2 * plastering

$[(2 \times 2.95) \times 2 + (2.3 \times 2.95) \times 2] = 25.37 m^2$

* Painting $= 25.37 m^2$
* Tiling $= 2 \times 2.3 m^2$

$= 4.6 m^2$

* Room 1 - plastering

$[(3 \times 2.95) \times 2 + (4.3 \times 2.95) \times 2] = 43.07 m^2$

- Painting $= 43.07 m^2$

- Tiling $= (3 \times 4.3) m^2 = 12.9 m^2$

* Room3 - plastering

$[(2.1 \times 2.95) \times 2 + (2.3 \times 2.95) \times 2]\ m^2$

$= 25.96\ m^2$

- Painting $= 25.96\ m^2$
- Tiling $= (2.3 \times 2.1)\ m^2$

$= \underline{4.83}\ m^2$

* OUTSIDE WALL

- plastering.

$[(5.9 \times 4.17) + (7.4 \times 4.17) \times 2 + (5.9 \times 3.17)]$

$= 105.022\ m^2$

* INSIDE EXTENDED WALL OVER ROOF $= [(5.5 \times 0.6 + (7.4 \times 1) \times 2]$

$= 18.1\ m^2$

- Total outside plastering $= \underline{123.122\ m^2}$
- Painting $= 123.122\ m^2$

plastering include opening = Corridor + WC x2 + Room1 + Room2 + Room3 + outside wall

$= 38.94 + 17.402 + 43.07 + 25.37 + 25.96 + 123.122$

$= 273.864\ m^2$

Area of openings $= (19.4 \times 2) = 38.8 m^2$

- Total plastering $= (273.864 - 38.8\ m^2) = \boxed{235.064\ m^2}$
- Total tiles $= 6.05 + 6.36 + 24.752 + 12.9 + 4.6 + 483$

$= \boxed{59.49\ m^2}$

Painting = house paint + Verand + extended wall

Verand $= (4.15 \times 5.9) + (7.4 \times 0.9) + (7.4 \times 0.8) + (7.6 \times 0.85)$

$= 43.525 m^2$

- Total painting $= (235.064 + 43.525 + 18.1)\ m^2$.

$= \boxed{296.689\ m^2}$

⊛ Roof Cover

(1) $(5.5 \times 7.82) = 43.01\ m^2$

(2) $(5.5 \times 2.42) = 13.31\ m^2$

Total roof Cover = $\boxed{56.32\ m^2}$

⊛ Rangete:

$= [(3 \times 4.3) + (2.3 \times 2.0) + (2.3 \times 2.4)(2.65 \times 1.2) + (2.65 \times 1.2) + (11 \times 5.5)]\ m^2$

$= \boxed{34.52\ m^2}$

⊛ Concrete slab and pavement

- $(8.4 \times 7.6)\ m^2 = 63.84\ m^2$
- $(4.15 \times 7.6)\ m^2 = 31.54\ m^2$

Concrete pavement = $95.38\ m^2$

- Toilet tank (Septic tank Concrete cover) and Manhall

⊛ Manhall = $(0.5 \times 0.5) + (0.8 \times 0.7) + (0.6 \times 0.6) = 1.17\ m^2$

⊛ Septic tank = $\pi r^2 \times 2 \Rightarrow [(0.75)^2 \pi \times 2] = 3.53\ m^2$

$= 1.17\ m^2 + 3.53\ m^2$

$= 4.704\ m^2$

⊛ Total Concrete pavement and Concrete cover

$= 95.38\ m^2 + 4.704\ m^2$

$= 100.084\ m^2$

⊛ Collecting sand = $25\ m^2$

⊛ Collecting stones = $20\ m^3$

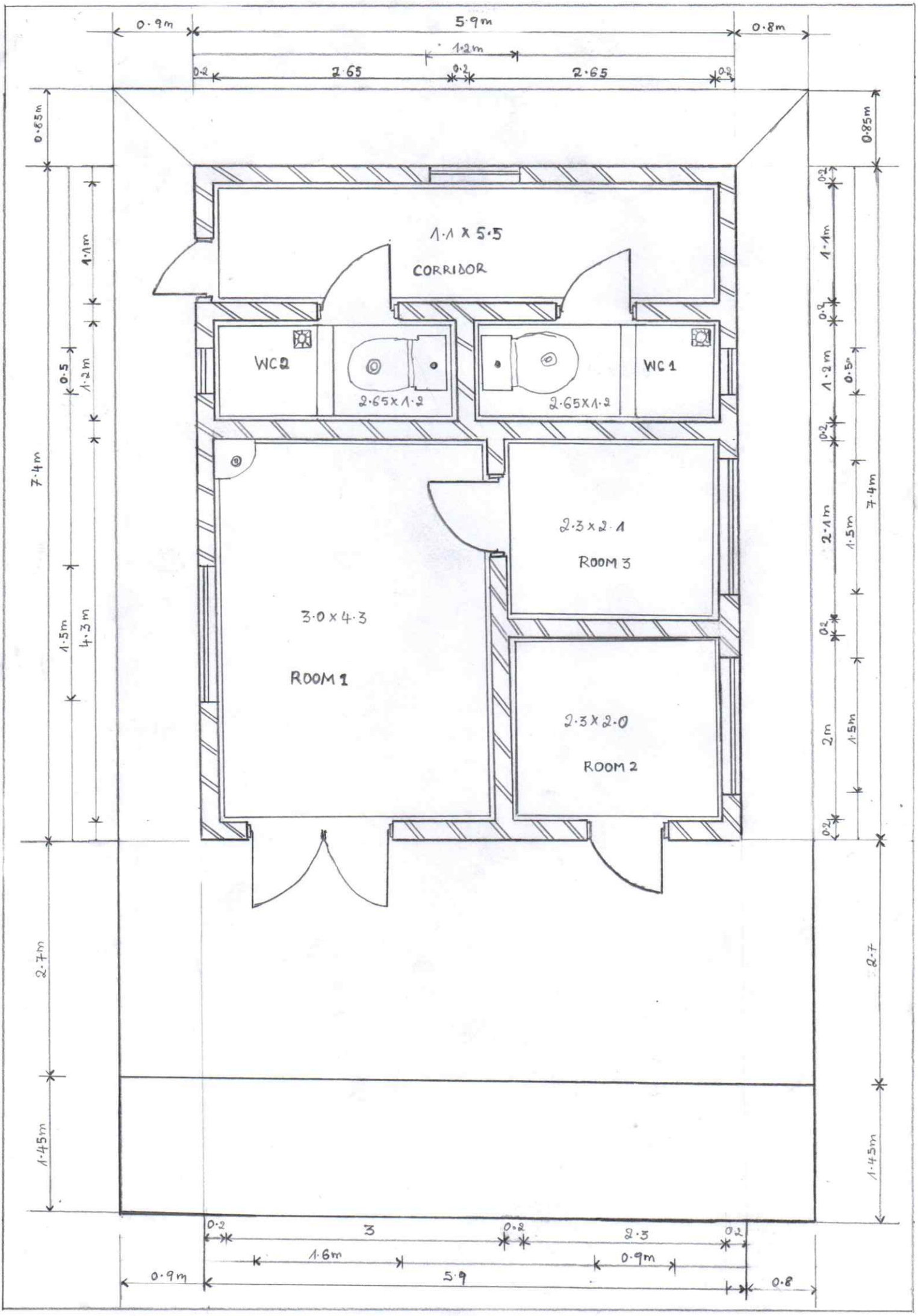
⊛ Excavation: height$_1$ = 10m and h$_2$ = 5m, radius = 0.65m of Septic tank.

$V = \pi r^2 h = [(0.65)^2 \pi 10 + (0.65)^2 \pi \times 10]\ m^3$

$= 19.9\ m^3$

⊛ Excavation = $19.9\ m^3$

⊛ Bathroom and plumbing = 265,246 Frw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0.8m
1.2m
0.2
2.65
0.2
2.65
0.2
0.85m
0.85m
1.1 X 5.5
CORRIDOR
WC2
2.65X1.2
2.65X1.2
WC 1
1.1m
1.2m
0.5
7.4m
1.5m
4.3m
3.0 x 4.3
ROOM 1
2.3 x 2.1
ROOM 3
2.3 x 2.0
ROOM 2
1.4m
1.2m
0.5m
2.1m
1.5m
2m
1.5m
7.4m
2.7m
1.45m
2.7
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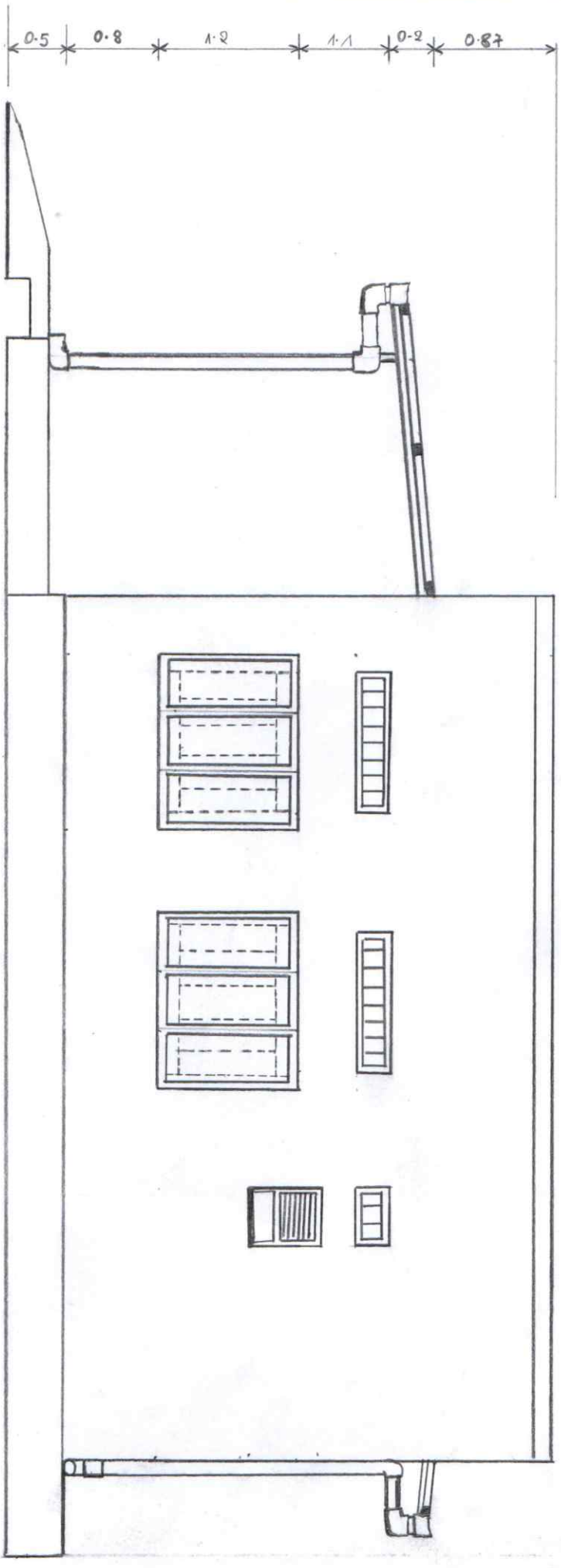
0.8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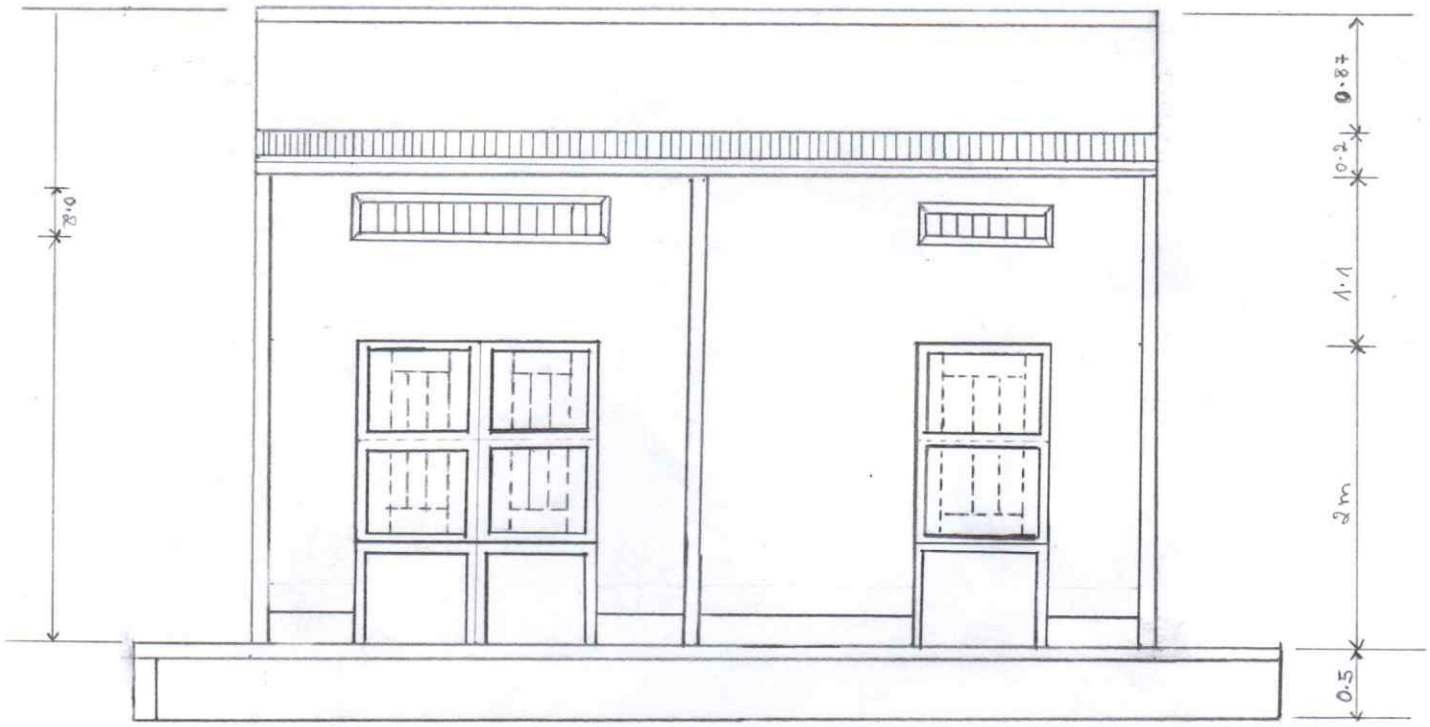
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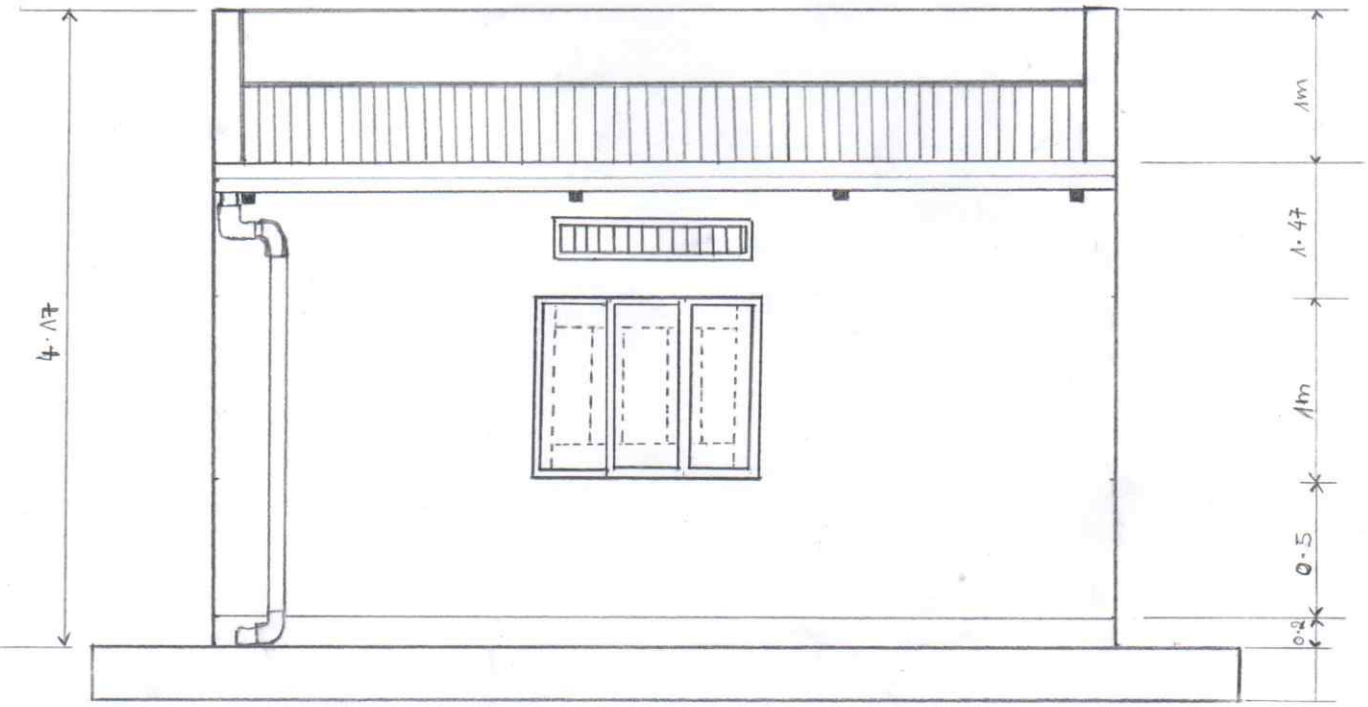
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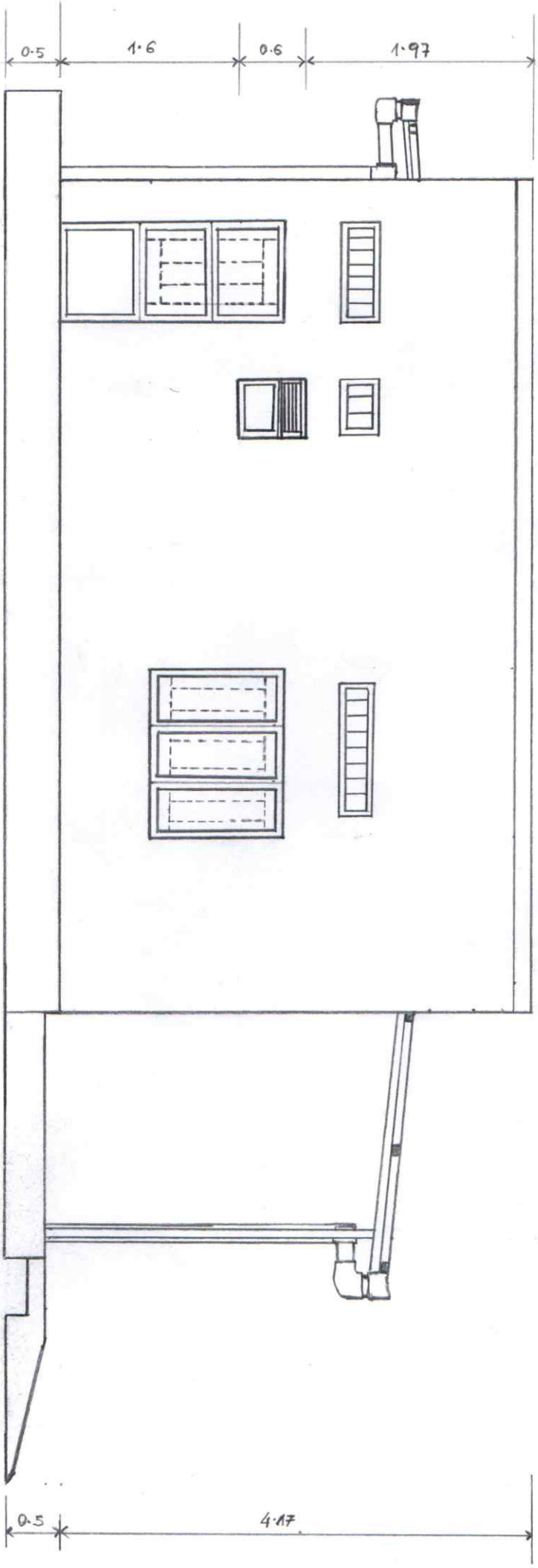
0.2


0.5
1.6
0.6
1.97
0.5
4.17

RUTONGO
MINES

APPROVAL OF CONSTRUTION PARAMEDIC HOUSE AT RUTONGO

DATE	NAMES	POSITION	SIGNATURES
11/03/25	NGARAMBE Pacifique	SURVEYOR	
12/03/2025	JMVS HABIYAKARE	MRM MANAGER	
19/3/2025	Ndayambaje jean Claude	CONSTRUCTION SUPERVISOR	
19/3/2025	Leoi(NGENZi	ENGENEERING AND PROJECT MANAGER	
19/3/25	Jaco vd Merwe.	MINE MANAGER	
19/3/2025	Kabalisa Jolly	PROCUREMENT	
	REAGAN M	FINANCIAL MANAGER	