







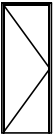
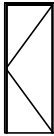
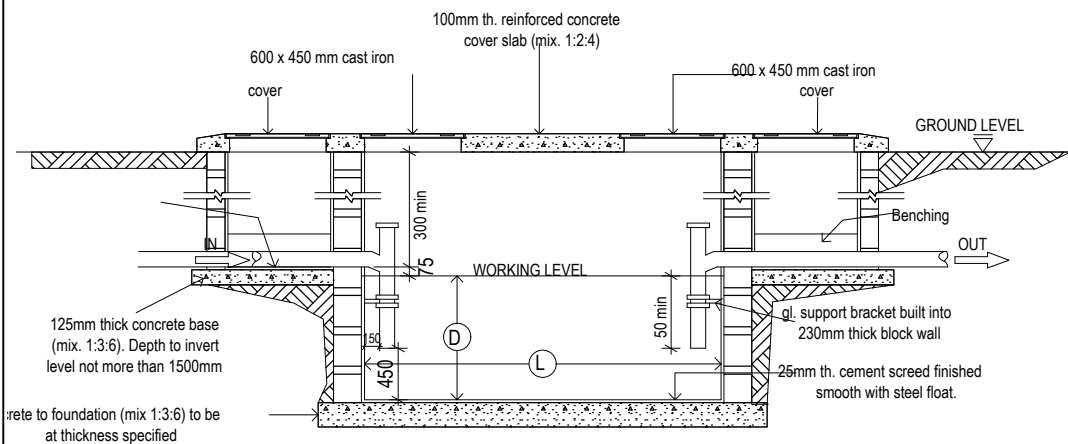
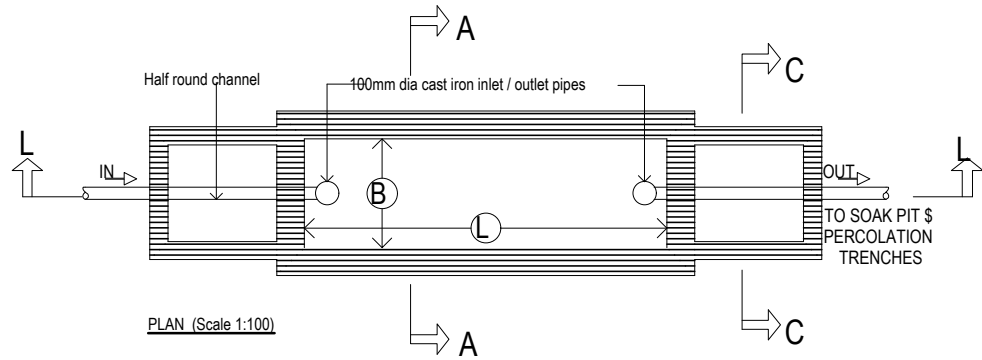


Window List			
Window Name	Vent Window 14	Vent Window 14	Vent Window 14
Quantity	1	1	8
From Room Number			
W x H Size	2,400x600	3,000x600	500x260
Orientation	L	R	R
Window sill height	900	900	1,700
Window head height	1,500	1,500	1,960
2D Symbol			
3D Back View			

## SCHEDULE

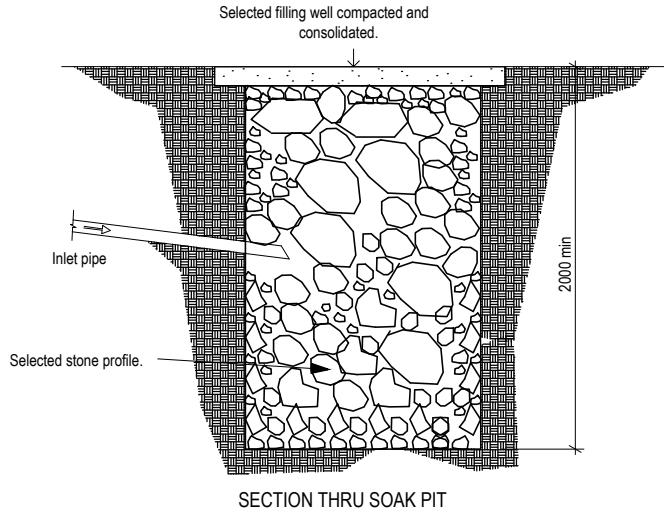
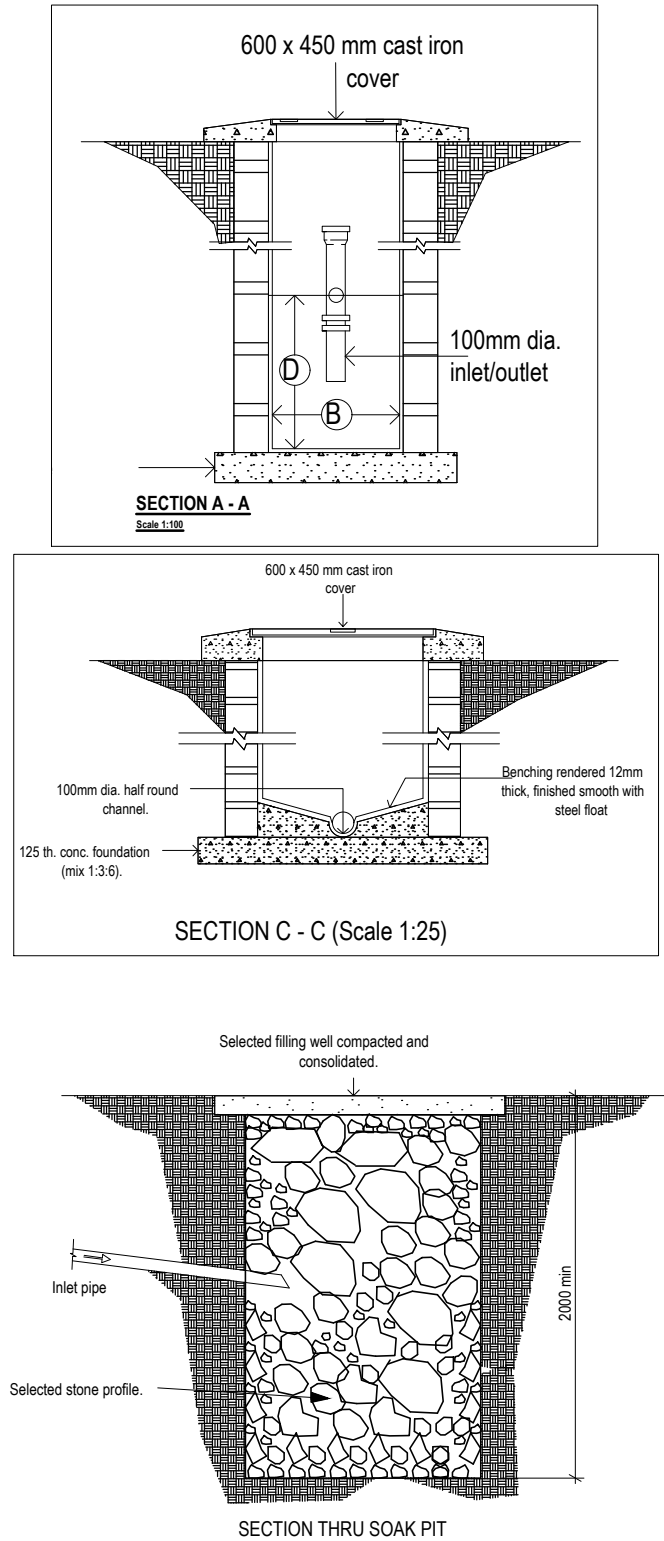
Door List		
Door Name	D1 Metal 14	D1 Metal 14
Quantity	3	6
To Room Number		
W x H Size	800x2,100	800x2,100
Orientation	R	L
Door sill height	0	0
Door head height	2,100	2,100
2D Symbol		
3D Back View		



SECTION L - L (Scale 1:50)

No. OF USERS	L	B	D	CAPACITY IN LITRES	PERCOLATION. TRENCHES.
6	1800	675	900	1112.5	7.5m
10	2250	675	900	1417.5	12.2m
15	2500	675	900	15605	14.4m
20	2800	675	900	1800.0	18.3m
25	3300	675	900	2083.5	30.5m
30	2500	900	1050	2358.0	36.6m
35	2550	900	1050	2502.0	42.6m
40	3000	900	1050	2847.5	50.6m
45	3300	900	1050	3240.0	54.8m
50	3600		1050	3685.5	60.0m
60	3150	1200	1200	4419.0	66.0m
70	3750	1200	1200	5265.0	73.0m
80	4250	1200	1200	6895.0	79.2m
90	4720	1200	1200	6525.0	85.2m
100	5300	1200	1200	7416.0	91.0m
125	4200	1350	1500	8842.5	97.0m
150	5000	1350	1500	10422.0	103.6m
175	5700	1350	1500	11974.5	109.5m
200	6530	1200	1500	13581.0	115.8m
225	6400	1200	1650	14940.0	121.9m
250	7000	1200	1650	1633.5	128.0m
275	7000	1200	1800	1785.5	134.0m
300	7600	1200	1800	1895.0	140.0m

## SEPTIC TANK DETAILS



## NOTES

- Unless otherwise stated dimensions are in mm
- Reinforced concrete grade to be C25/20
- Mass concrete grade to be C20/20

## DETAILED ENGINEERING DESIGN

Client

THE REPUBLIC OF UGANDA  
MINISTRY OF WATER AND ENVIRONMENT  
DIRECTORATE OF WATER DEVELOPMENT

PROJECT TITLE:

KAWUMU PRESIDENTIAL  
MODEL IRRIGATION SYSTEM  
AND FACILITIES

DRAWING TITLE

WATERBORNE TOILET  
GROUND PLAN AND ELEVATIONS

SURVEYED BY

SCALE  
AS SHOWN

DRAWN BY

DATE  
MAY 2021

CHECKED BY

DRAWING NO.

APPROVED BY

KAW-PRES/IGS/WBT-8.1.1