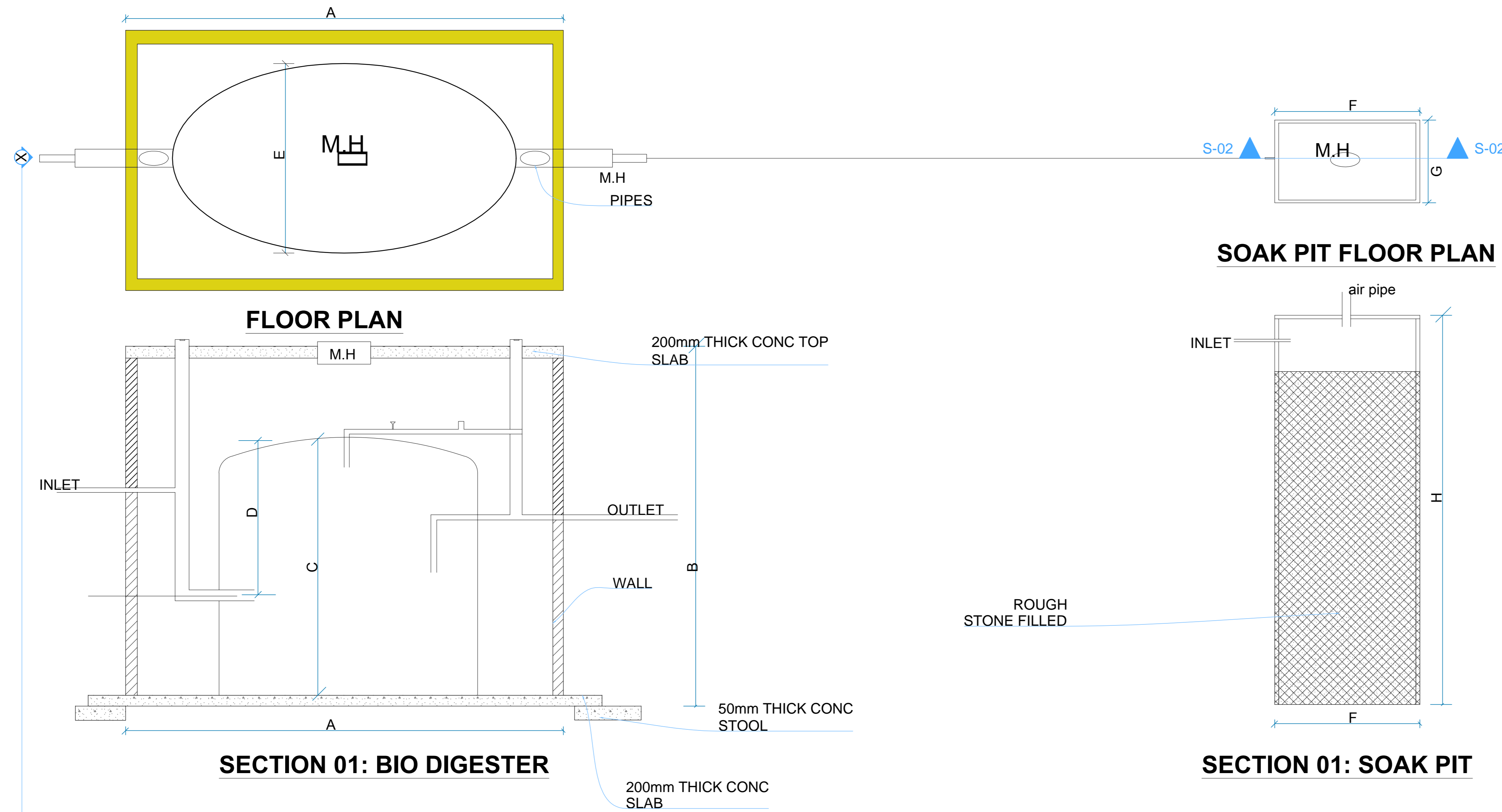


BIODIGESTER TECHNICAL DATA SHEET



BIODIGESTER TYPE	CAPACITY IN LITRES	NO. OF PERSONS	SOAK PIT VOLUME IN FT	DIMENSIONS IN FEET							
				A	B	C	D	E	F	G	H
BS 1000	1000	18	200	6	4	3	1/2 C	3	12	4	5
BS 2000	2000	30	360	7	6	5	1/2 C	4	15	5	6
BS 3000	3000	90	450	8	7	6	1/2 C	5	18	5	6
BS 4000	4000	120	540	9	7	6	1/2 C	6	21	5	6
BS 6000	6000	180	630	10	8	7	1/2 C	7	23	5	6
BS 8000	8000	240	882	11	9	8	1/2 C	8	25	6	7
BS 10000	10000	300	966	12	8	7	1/2 C	9	27	6	7
BS 12000	12000	360	1050	12	10	9	1/2 C	9	25	6	7
BS 15000	15000	480	1134	13	9	8	1/2 C	10	27	6	7
BS 24000	24000	800	1260	14	12	11	1/2 C	11	30	6	7

NOTES

- This drawing is to be read in conjunction with all other relevant Architectural / Structural drawings.
- The Contractor to confirm all dimensions on site before commencing the works.
- Figured dimensions only to be taken and all dimensions are in millimetres unless stated otherwise.
- Structural Concrete to be class 20/20 (1:2:4 mix)
Concrete cover to reinforcement including links;
Beams = 25mm
Slab = 20mm
Foundation = 50mm
- Reinforcement steel to be;
Y-square twisted high yield bars to BS 4461.
R-round mild bars to BS 4449.
- All Structural works must be inspected and approved by the Structural Engineer.

ISSUES

DATE	TO	APPLICATION

REVISIONS

DATE	BY	DESCRIPTIONS	GRP. LDR.	C.S. ENG.

REFERENCE DRAWINGS

No.	DESCRIPTIONS

CLIENT
**COUNTY GOVERNMENT OF UASIN GISHU,
 P.O. BOX 40-30100,
 ELDORET.**

PROJECT TITLE
**PROPOSED CONSTRUCTION OF
 BIODIGESTER.**

DRAWING TITLE
STANDARD BIODIGESTER DRAWING.

FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA

C1/Sfb	DRG No.	UG/CHEP/STR/03
	FILE No.	

SCALE(S) AS SHOWN. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING

APPROVED BY
**THE CHIEF OFFICER,
 ROADS, TRANSPORT & PUBLIC WORKS.**

	NAME	SIGNATURE	DATE
DESIGNED	J. M. MWENDA		JAN 2019
DRAWN	J. M. MWENDA		JAN 2019
CHECKED	Eng. G. BIRIR		JAN 2019

**DEPT. OF ROADS, TRANSPORT
 AND PUBLIC WORKS
 UASIN GISHU COUNTY**

