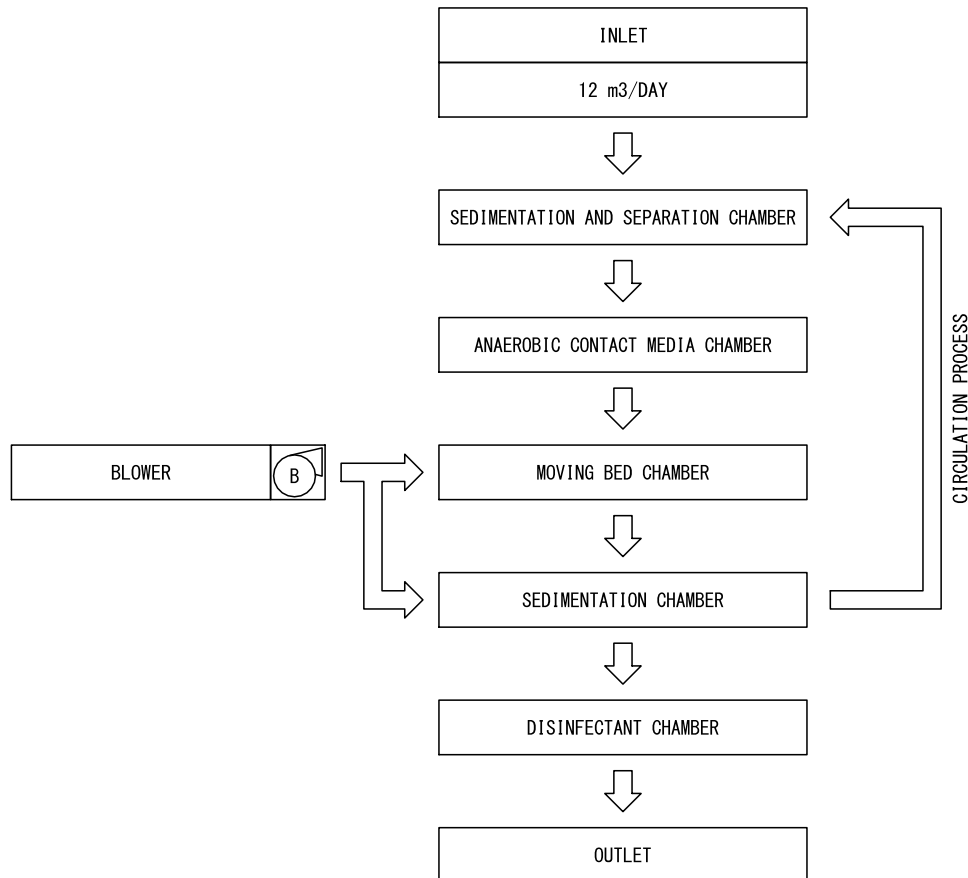


FLOW PROCESS



SPECIFICATION BJ-12

Design Flow	12 m3/day
Influent BOD	300 mg/L
Influent Ammonia	50 mg/L
Effluent BOD	20 mg/L
Effluent Ammonia	10 mg/L
Tank Weight	1360 kg
Operation Weight	15171 kg

EFFECTIVE CAPACITY

Sedimentation And Separation Chamber	4.669 m3
Anaerobic Contact Media Chamber	4.340 m3
Moving Bed Chamber	2.681 m3
Sedimentation Chamber	2.006 m3
Disinfectant Chamber	0.125 m3

EQUIPMENT SPECIFICATION

Equipment Name	Voltage	Bore mm	Capacity L/min	Motor W	Qty	Pressure /Head
Blower	220	13	80	51	1	15 kPa
	220	20	200	190	1	20 kPa

MANHOLE SPECIFICATION

Loading Capacity T-0			
Mark	Measurement	Qty	Note
K1	FRP Manhole ϕ 450	1	By Daiki Axis
K2	FRP Manhole ϕ 600	2	By Daiki Axis

INTERIOR PARTS SPECIFICATION

Waste Water Pipe	PVC, 0.6 or 1.0 MPa
Air Pipe	PVC, 1.0 MPa
Air Valve	PVC, 1.0 MPa
Pipe Support	FRP

NOTE

NOTE :

— ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND :



PROJECT NAME :

DRAWING TITLE :

STP
FLOW DIAGRAM & SPECIFICATION

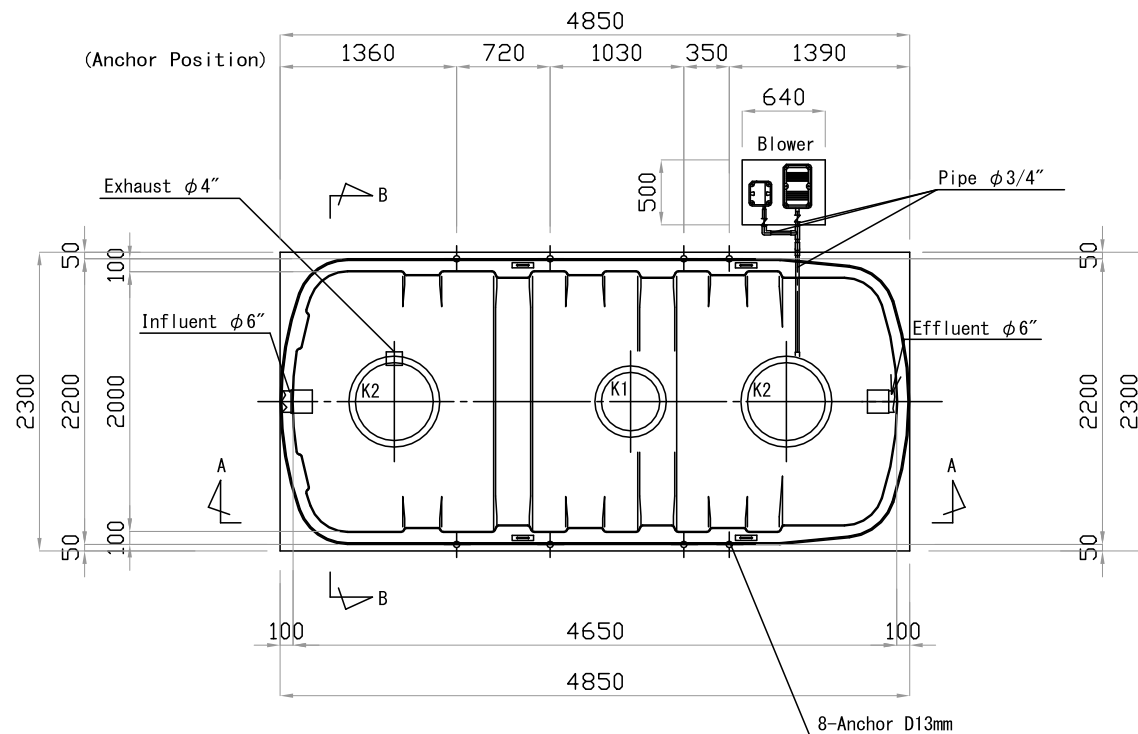
NAME OF MODEL :

BJ-12
(CAP. 12 m3 / day)

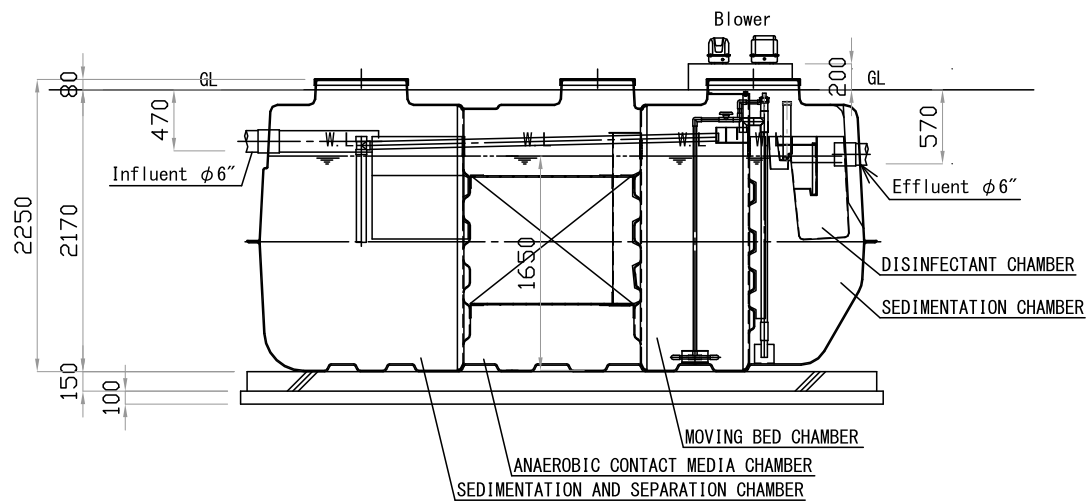
FILE NAME	-	
DATE	-	
DRAWING NO.	SCALE	SHEET NO.
-	NTS	1 of 3

AGREEMENT		
DRAWN BY	24/09/20	DEDI
CHECKED BY	24/09/20	MURAKAMI
APPROVED BY	24/09/20	SAEKI

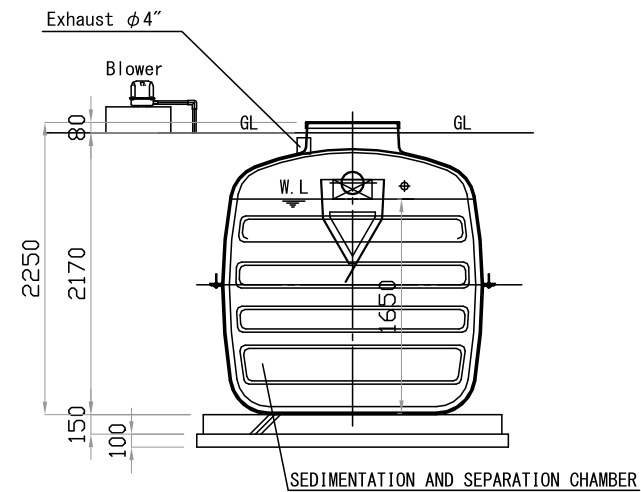
REVISION			
REV	DATE	DESCRIPTION	DRAWN
0	8/12/21	Design	DEDI



UPPER VIEW



A-A SECTION



B-B SECTION

NOTE :

NOTE :

ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND :

Plaza Mahka 3rd Floor
Jl. KH. Abdullah Syafe'i No. 20 B
Bukit Duri, Tebet, Jakarta Selatan
*Telp : 021-83701186, 83704032
*Fax : 021-83703954

DaiKi O
AXIS INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
LAYOUT & SECTION

NAME OF MODEL :

BJ-12
(CAP. 12 m3 / day)

FILE NAME	-	
DATE	-	
DRAWING NO.	SCALE	SHEET NO.
-	NTS	2 of 3

AGREEMENT

DRAWN BY	24/09/20	DEDI
CHECKED BY	24/09/20	MURAKAMI
APPROVED BY	24/09/20	SAEKI

REVISION

REV	DATE	DESCRIPTION	DRAWN
D	8/12/21	Design	DEDI