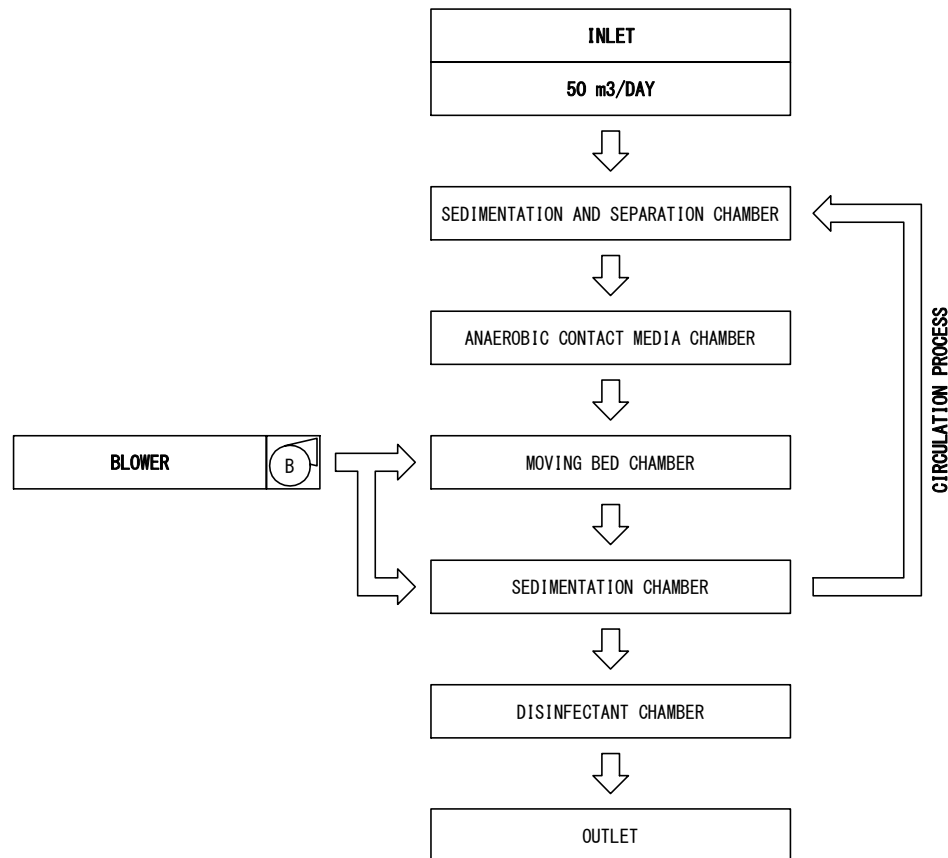


FLOW PROCESS



SPECIFICATION BJ-50

Design Flow	50 m ³ /day
Influent BOD	300 mg/L
Influent Ammonia	50 mg/L
Effluent BOD	20 mg/L
Effluent Ammonia	10 mg/L
Tank Weight	3040 kg
Operation Weight	49784 kg

EFFECTIVE CAPACITY

Sedimentation And Separation Chamber	14.587 m ³
Anaerobic Contact Media Chamber	14.612 m ³
Moving Bed Chamber	8.369 m ³
Sedimentation Chamber	8.653 m ³
Disinfectant Chamber	0.523 m ³

EQUIPMENT SPECIFICATION

Equipment Name	Voltage	Bore mm	Capacity L/min	Motor W	Qty	Pressure /Head
Blower	220	20	200	190	5	20 kPa

MANHOLE SPECIFICATION

Loading Capacity T-0			
Mark	Measurement	Qty	Note
K1	FRP Manhole ϕ 600	6	By Daiki Axis
K2	FRP Manhole 600x1000	3	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-50
(CAP. 50 m³ / day)

FILE NAME -

DATE -

DRAWING NO.	SCALE	SHEET NO.
-	NTS	1 of 3

AGREEMENT

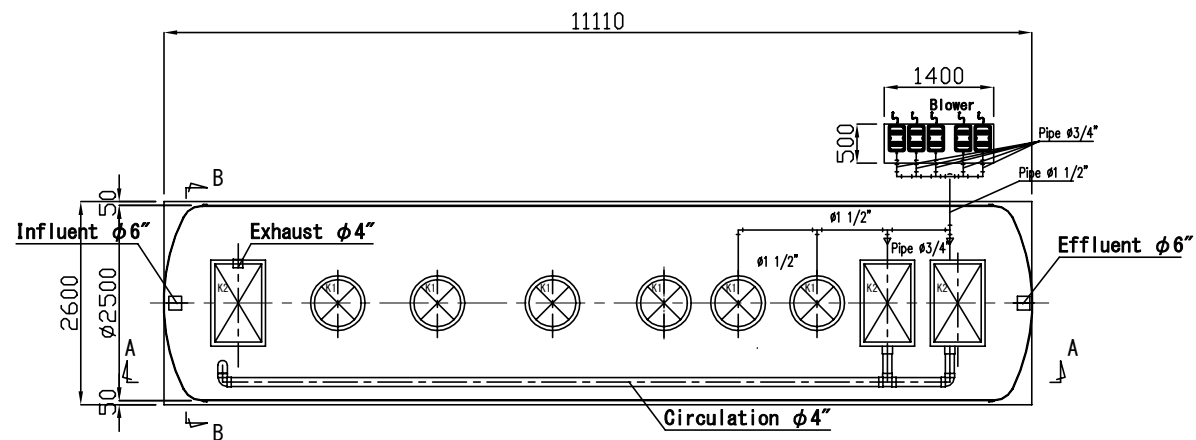
DRAWN BY	24/09/20	DED1
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CHECKED BY	24/09/20	MURAKAMI
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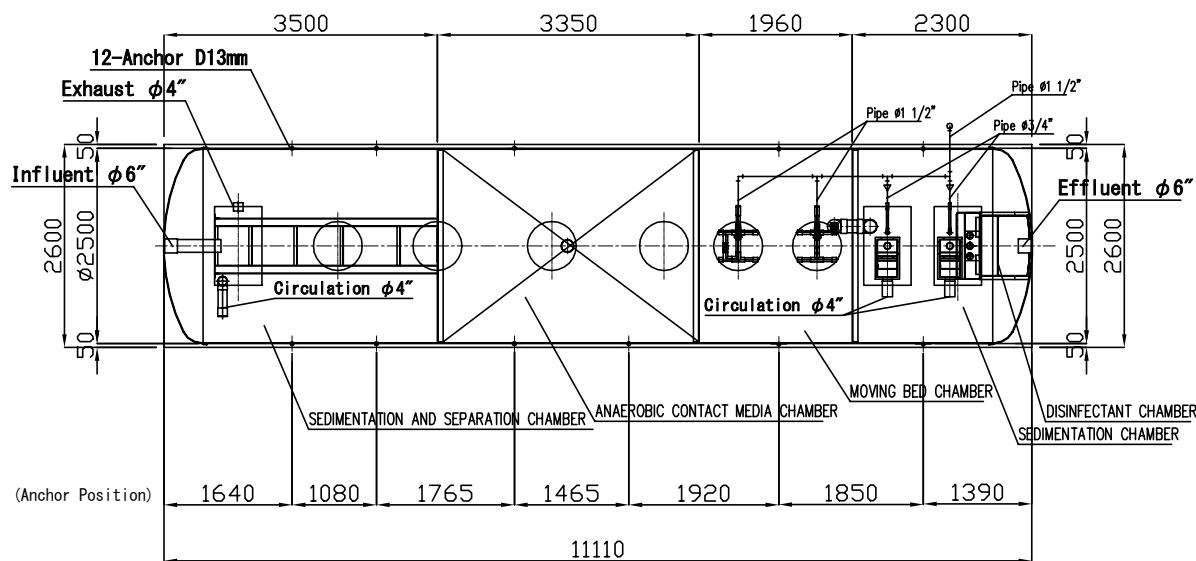
APPROVED BY	24/09/20	SAEKI
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REVISION

REV	DATE	DESCRIPTION	DRAWN
C	24/09/20	Design	DED1



UPPER VIEW



UPPER SECTION

NOTE

NOTE :

- ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND:

Plaza Kalua 3rd Floor
Jl. K.H. Abdulah Syarif No. 20 B
Bukit Timah, Taming, Jakarta Selatan
Telp: (021) 83702100, 83704022
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DaiKi O
AXIS INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
LAYOUT & SECTION

NAME OF MODEL :

BJ-50
(CAP. 50 m³ / day)

FILE NAME -

DATE -

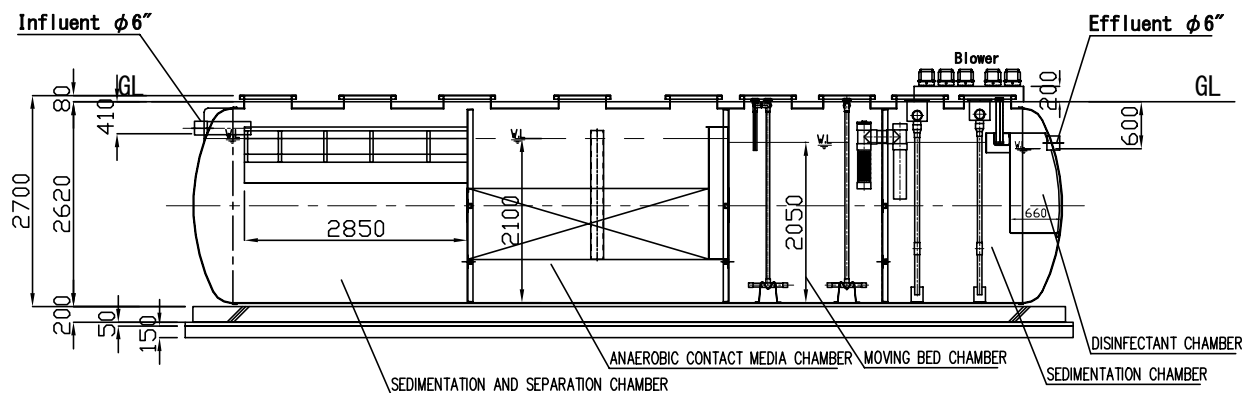
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-	NTS	2 of 3

AGREEMENT

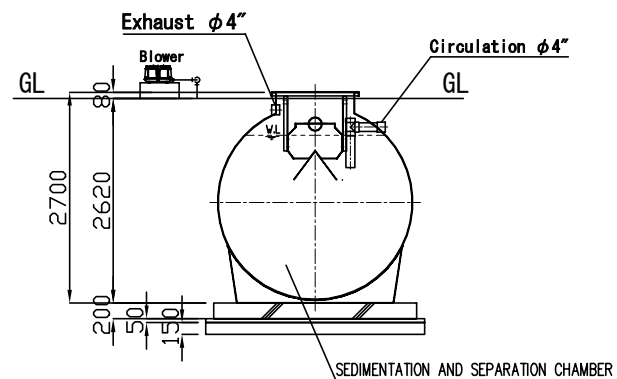
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CHECKED BY	24/09/20	MURAKAMI
APPROVED BY	24/09/20	SAEKI

REVISION

REV	DATE	DESCRIPTION	DRAWN
C	24/09/20	Design	DED1



A-A SECTION



B-B SECTION

NOTE

NOTE :

- ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND:

Plaza Kalua 3rd Floor
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Telp : 021-83702346, 83704932
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DaiKi
AXIS INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
SECTION

NAME OF MODEL :

BJ-50
(CAP. 50 m³ / day)

FILE NAME		
DATE		
DRAWING NO.	SCALE	SHEET NO.
-	NTS	3 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
C	24/09/20	Design	DEDI