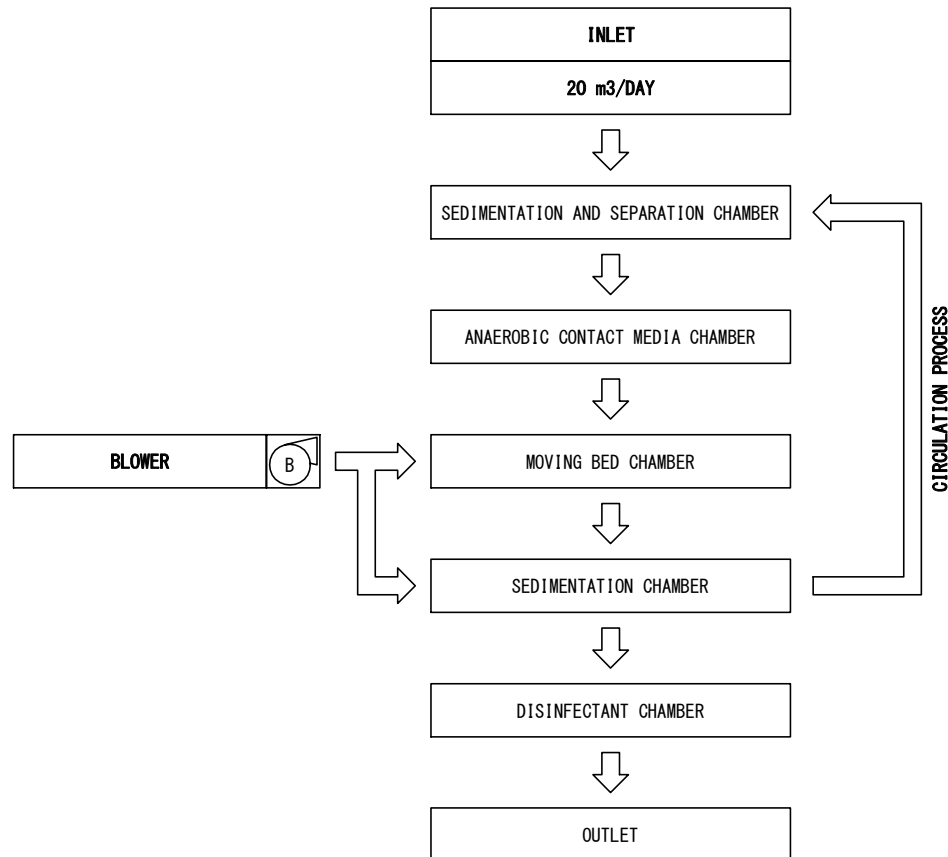


FLOW PROCESS



SPECIFICATION BJ-20

Design Flow	20 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	1640 kg
Operation Weight	20581 kg

EFFECTIVE CAPACITY

Sedimentation And Separation Chamber	5.835 m ³
Anaerobic Contact Media Chamber	5.848 m ³
Moving Bed Chamber	3.343 m ³
Sedimentation Chamber	3.495 m ³
Disinfectant Chamber	0.420 m ³

EQUIPMENT SPECIFICATION

Equipment Name	Voltage	Bore mm	Capacity L/min	Motor W	Qty	Pressure /Head
Blower	220	20	200	190	1	20 kPa
	220	20	240	250	1	20 kPa

MANHOLE SPECIFICATION

Loading Capacity T-0			
Mark	Measurement	Qty	Note
K1	FRP Manhole ϕ 600	3	By Daiki Axis
K2	FRP Manhole 600x1000	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 :

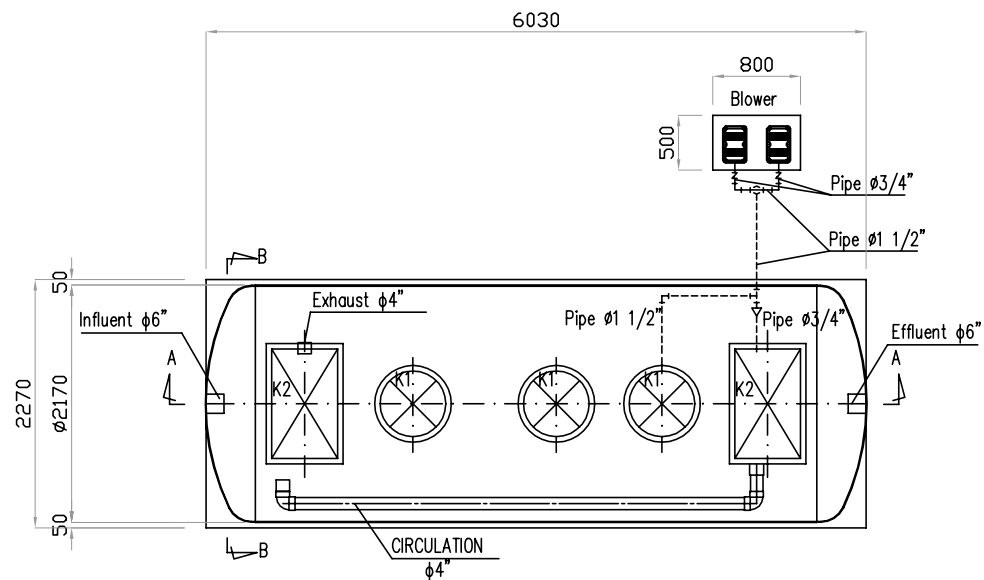
DRAWING TITLE :

STP
FLOW DIAGRAM & SPECIFICATION

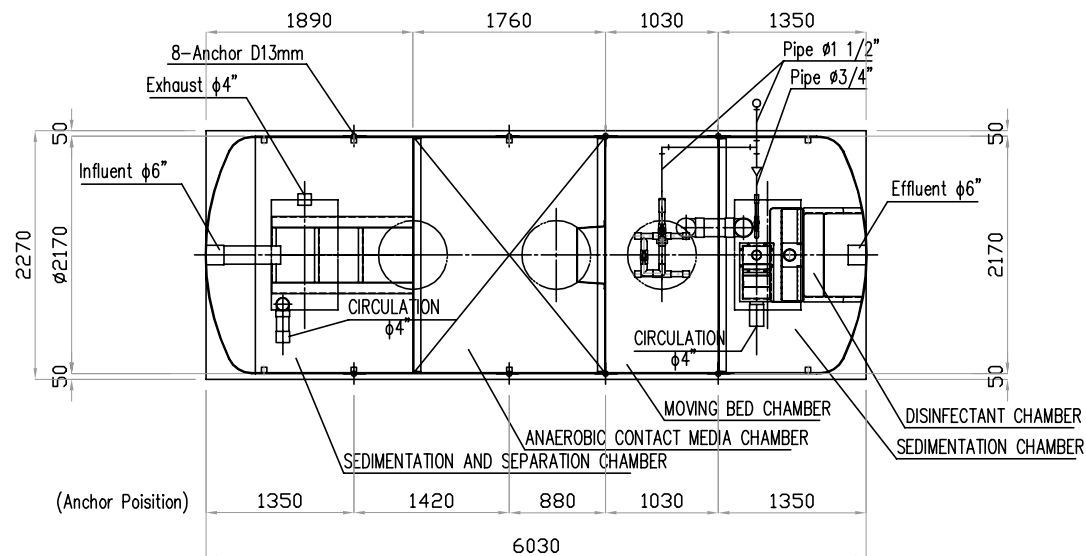
NAME OF MODEL :

BJ-20
(CAP. 20 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
C	24/09/20	Design	DEDI



UPPER VIEW



UPPER SECTION

NOTE

NOTE :

- ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND:

Plaza Kalua 3rd Floor
Jl. R. Abdulrahman Sudiyo No. 20 B
Bukit Timah, Taming, Jakarta Selatan
Telp : 021-85702346, 85704022
Fax : 021-85702354

DaiKi O
AXIS
INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
LAYOUT & SECTION

NAME OF MODEL :

BJ-20
(CAP. 20 m³ / day)

FILE NAME -

DATE -

DRAWING NO.	SCALE	SHEET NO.
-	NTS	2 of 3

AGREEMENT

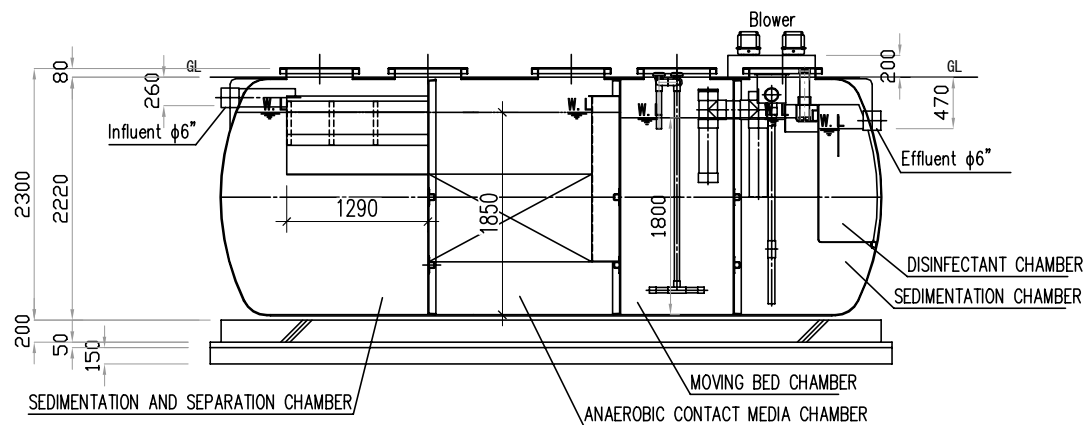
DRAWN BY	DATE	DEDI
	24/09/20	

CHECKED BY	DATE	MURAKAMI
	24/09/20	

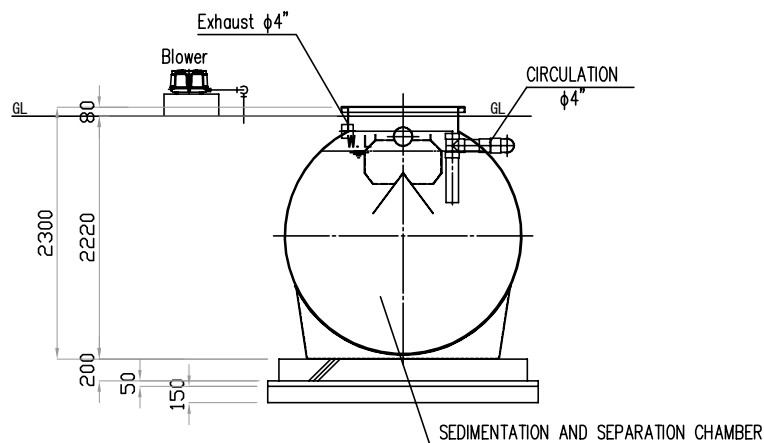
APPROVED BY	DATE	SAEKI
	24/09/20	

REVISION

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



A – A SECTION



B – B SECTION

NOTE

NOTE :

- ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND:

Plaza Kalua 3rd Floor
Jl. Jkt. Abdullah Syahid No. 20 B
Bukit Duri, Tegal, Jakarta Selatan
Telp : 021-83702340, 83704022
Fax : 021-83702354
DAIKI
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
SECTION

NAME OF MODEL :

BJ-20
(CAP. 20 m³ / day)

FILE NAME		
DATE		
DRAWING NO.	SCALE	SHEET NO.
-	NTS	3 of 3
AGREEMENT		
DRAWN BY	24/09/20	DED1
CHECKED BY	24/09/20	MURAKAMI
APPROVED BY	24/09/20	SAEKI

REVISION

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