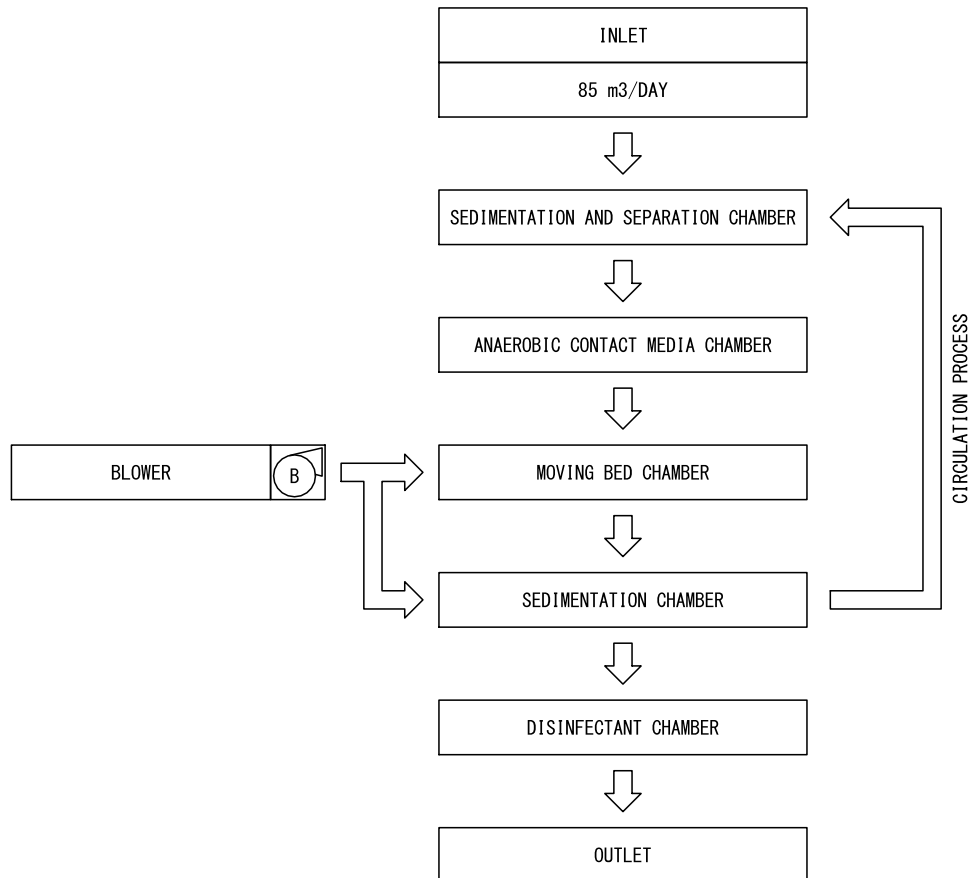


FLOW PROCESS



SPECIFICATION BJ-85

Design Flow	85 m3/day
Influent BOD	300 mg/L
Influent Ammonia	50 mg/L
Effluent BOD	20 mg/L
Effluent Ammonia	10 mg/L
Tank Weight No. 1	3200 kg
Tank Weight No. 2	1650 kg
Operation Weight No. 1	52788 kg
Operation Weight No. 2	31376 kg

EFFECTIVE CAPACITY

Sedimentation And Separation Chamber	24.794 m3
Anaerobic Contact Media Chamber	24.794 m3
Moving Bed Chamber	14.200 m3
Sedimentation Chamber	14.632 m3
Disinfectant Chamber	0.894 m3

EQUIPMENT SPECIFICATION

Equipment Name	Voltage	Bore mm	Capacity L/min	Motor W	Qty	Pressure /Head
Blower	220	20	150	155	1	20 kPa
	220	20	200	190	8	20 kPa

MANHOLE SPECIFICATION

Loading Capacity T-0			
Mark	Measurement	Qty	Note
K1	FRP Manhole ϕ 600	10	By Daiki Axis
K2	FRP Manhole 600x1000	4	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

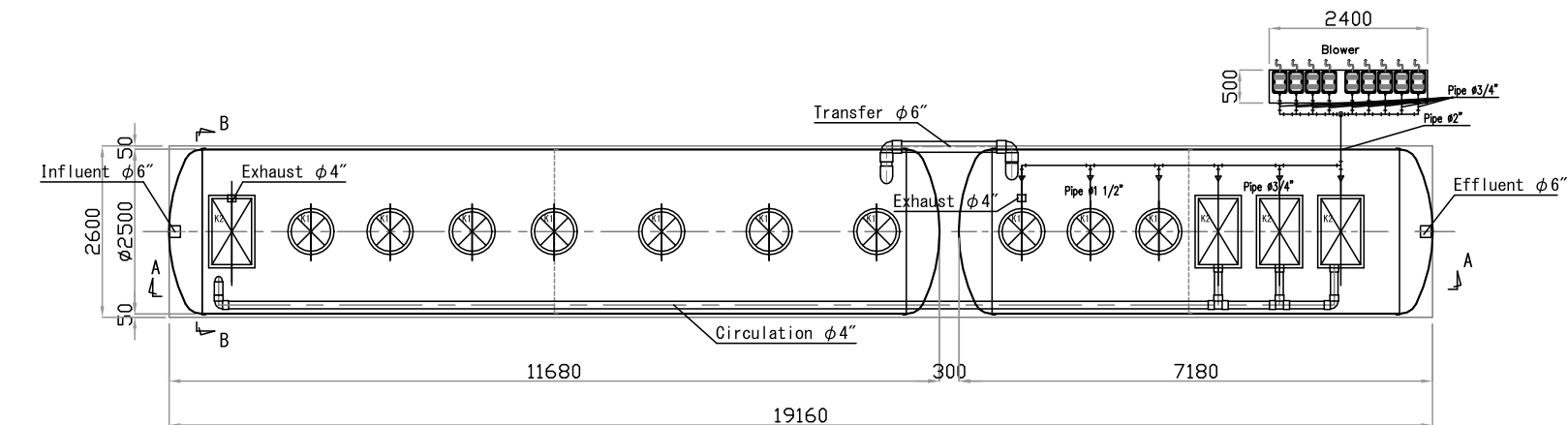
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BJ-85
(CAP. 85 m3 / day)

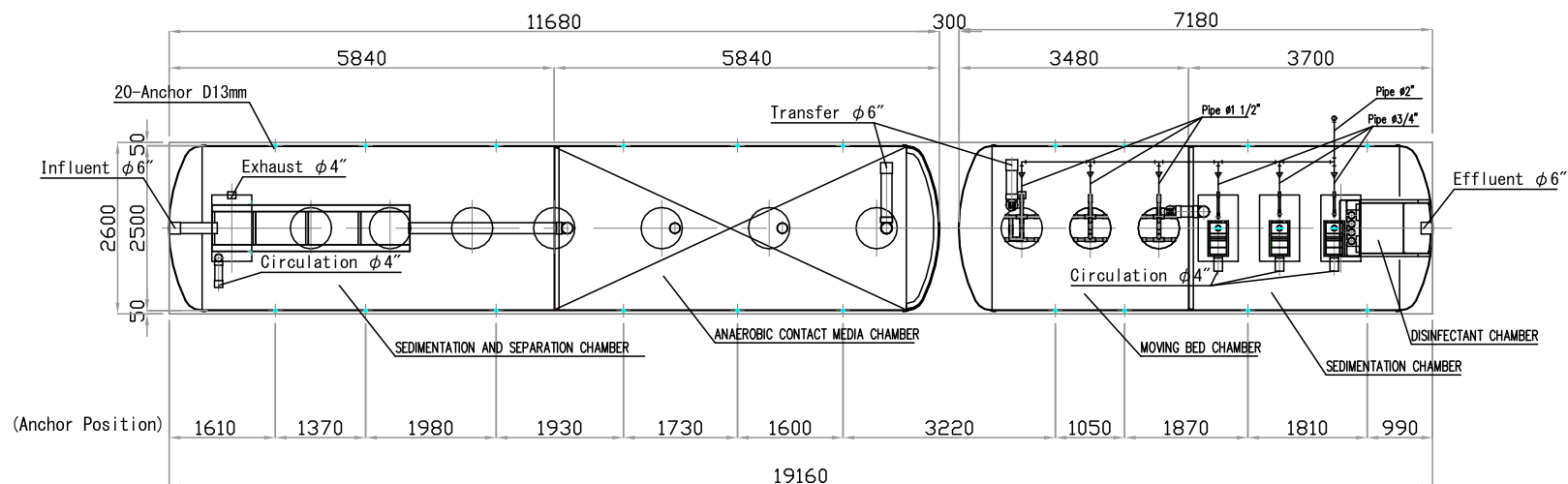
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AGREEMENT		
DRAWN BY	24/09/20	DEDI
CHECKED BY	24/09/20	MURAKAMI
APPROVED BY	24/09/20	SAEKI

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



UPPER VIEW



UPPER SECTION

NOTE

NOTE :

— ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND :

Plaza Kalha 3rd Floor
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AXIS INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
LAYOUT & SECTION

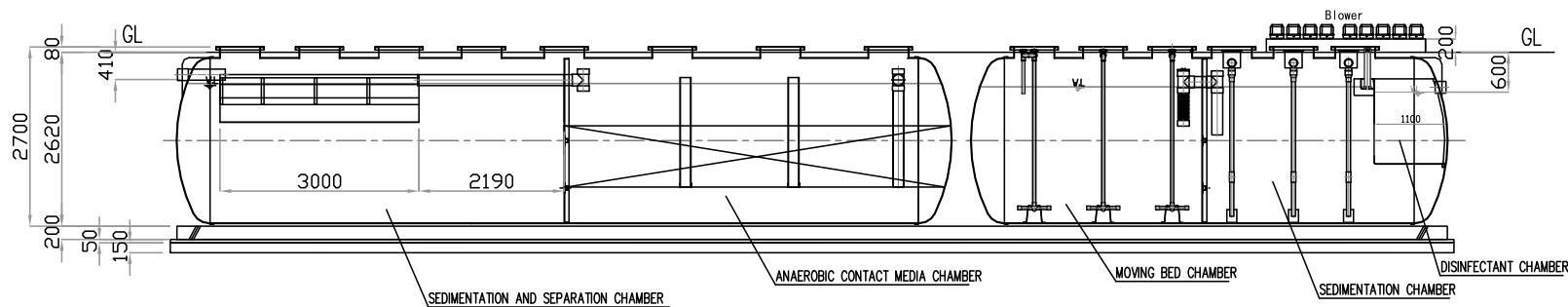
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BJ-85
(CAP. 85 m3 / day)

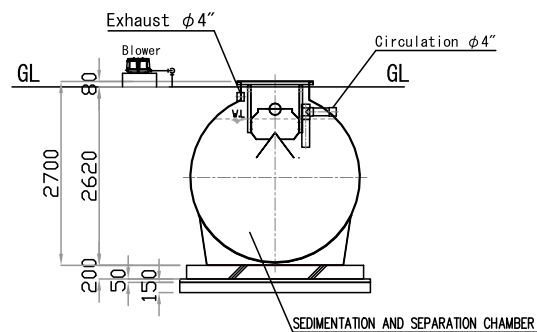
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AGREEMENT		
DRAWN BY	24/09/20	DEDI
CHECKED BY	24/09/20	MURAKAMI
APPROVED BY	24/09/20	SAEKI

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



A-A SECTION



B-B SECTION

NOTE

NOTE :

— ALL DIMENSIONS ARE IN MM

REFERENCE :

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AXIS INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
SECTION

NAME OF MODEL :

BJ-85
(CAP. 85 m³ / day)

FILE NAME	-	
DATE	-	
DRAWING NO.	SCALE	SHEET NO.
-	NTS	3 of 4

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