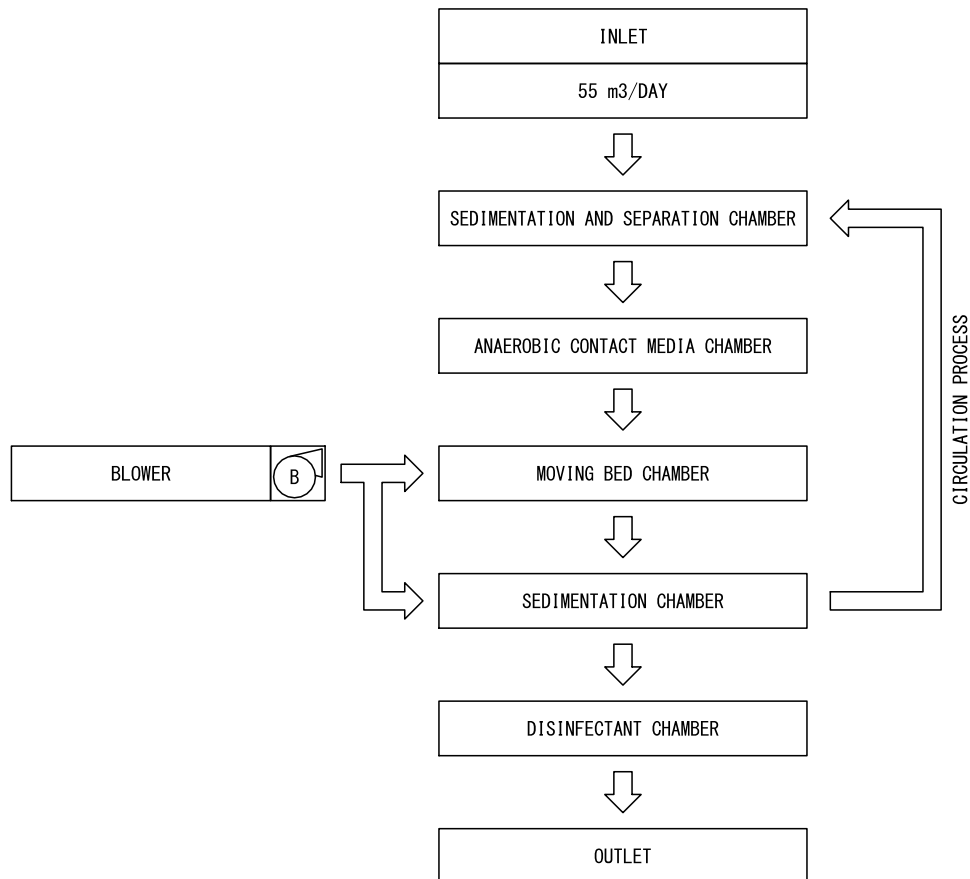


FLOW PROCESS



SPECIFICATION BJ-55

Design Flow	55 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	2110 kg
Tank Weight No. 2	1100 kg
Operation Weight No. 1	34250 kg
Operation Weight No. 2	20180 kg

EFFECTIVE CAPACITY

Sedimentation And Separation Chamber	14.568 m3
Anaerobic Contact Media Chamber	14.568 m3
Moving Bed Chamber	9.204 m3
Sedimentation Chamber	9.294 m3
Disinfectant Chamber	0.582 m3

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	4	20 kPa

MANHOLE SPECIFICATION

Loading Capacity T-0			
Mark	Measurement	Qty	Note
K1	FRP Manhole ϕ 600	7	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-55
(CAP. 55 m3 / day)

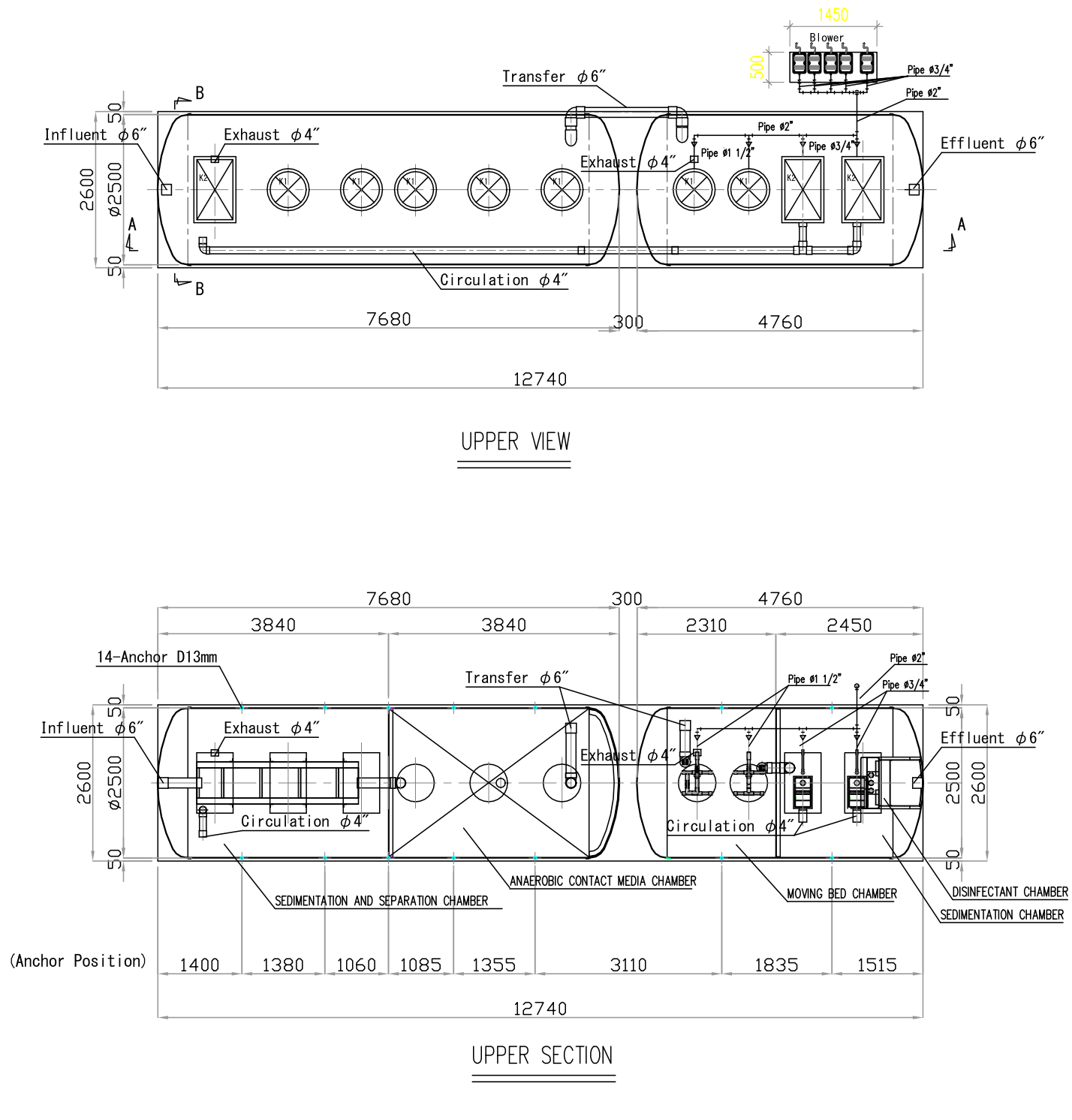
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-	NTS	1 of 4

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



NOTE

NOTE :

— ALL DIMENSIONS ARE IN MM

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DAIKI
AXIS INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
LAYOUT & SECTION

NAME OF MODEL :

BJ-55
(CAP. 55 m3 / day)

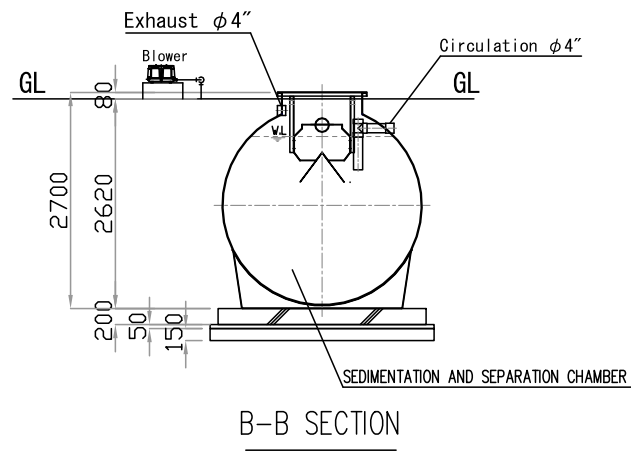
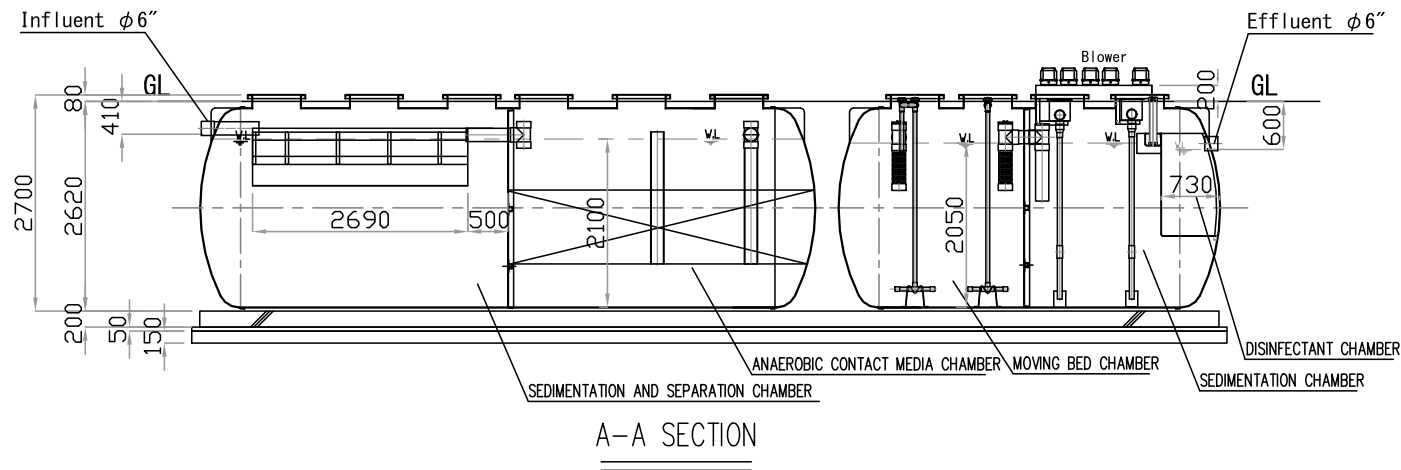
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-	NTS	2 of 4

AGREEMENT

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

REVISION

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



NOTE :

NOTE :

— ALL DIMENSIONS ARE IN MM

REFERENCE :

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DAIKI
AXIS
INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
SECTION

NAME OF MODEL :

BJ-55
(CAP. 55 m3 / day)

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

AGREEMENT

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

REVISION

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