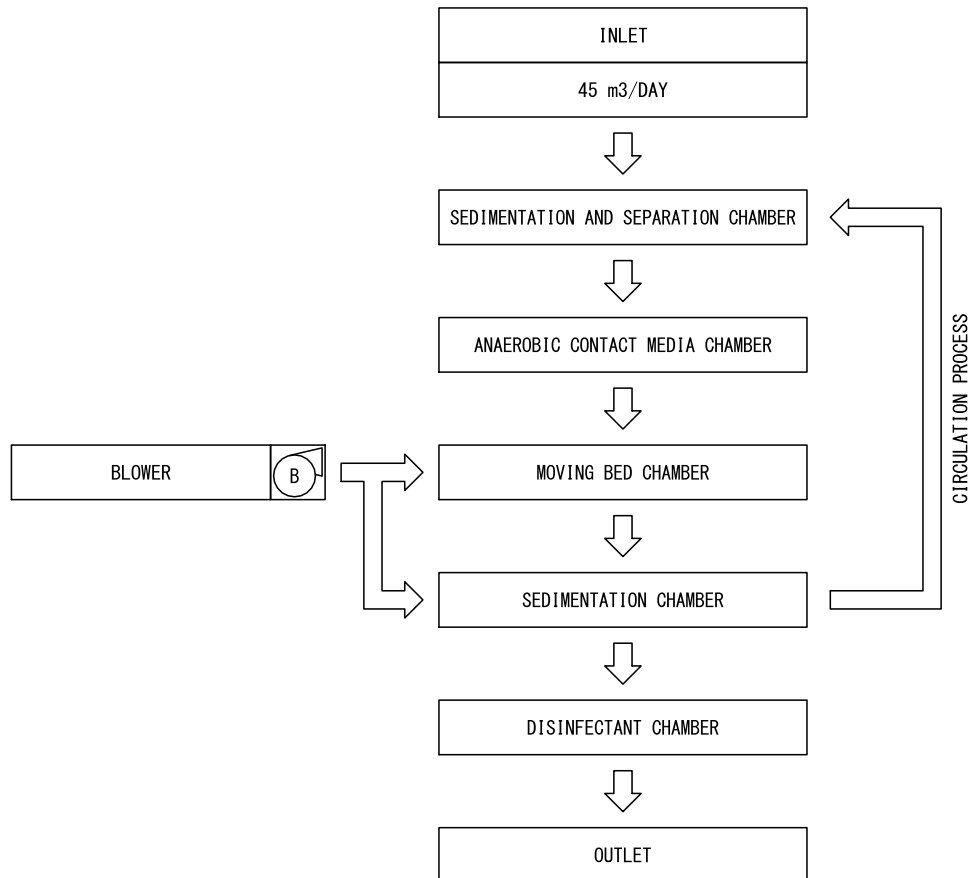


FLOW PROCESS



SPECIFICATION BJ-45

Design Flow	45 m3/day
Influent BOD	300 mg/L
Influent Ammonia	50 mg/L
Effluent BOD	20 mg/L
Effluent Ammonia	10 mg/L
Tank Weight	2820 kg
Operation Weight	45925 kg

EFFECTIVE CAPACITY

Sedimentation And Separation Chamber	13.148 m3
Anaerobic Contact Media Chamber	13.129 m3
Moving Bed Chamber	7.686 m3
Sedimentation Chamber	8.653 m3
Disinfectant Chamber	0.489 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	3	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

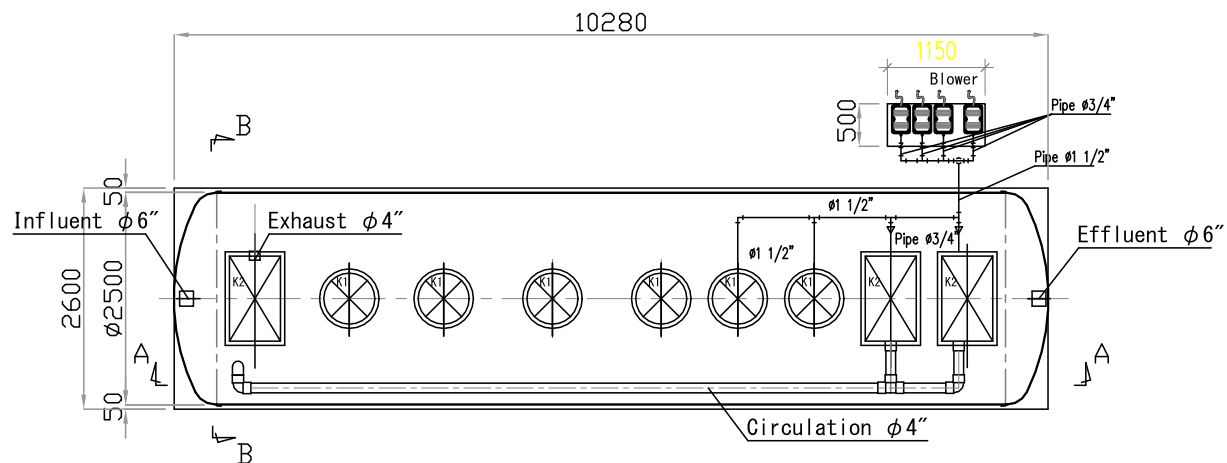
NAME OF MODEL :

BJ-45
(CAP. 45 m3 / day)

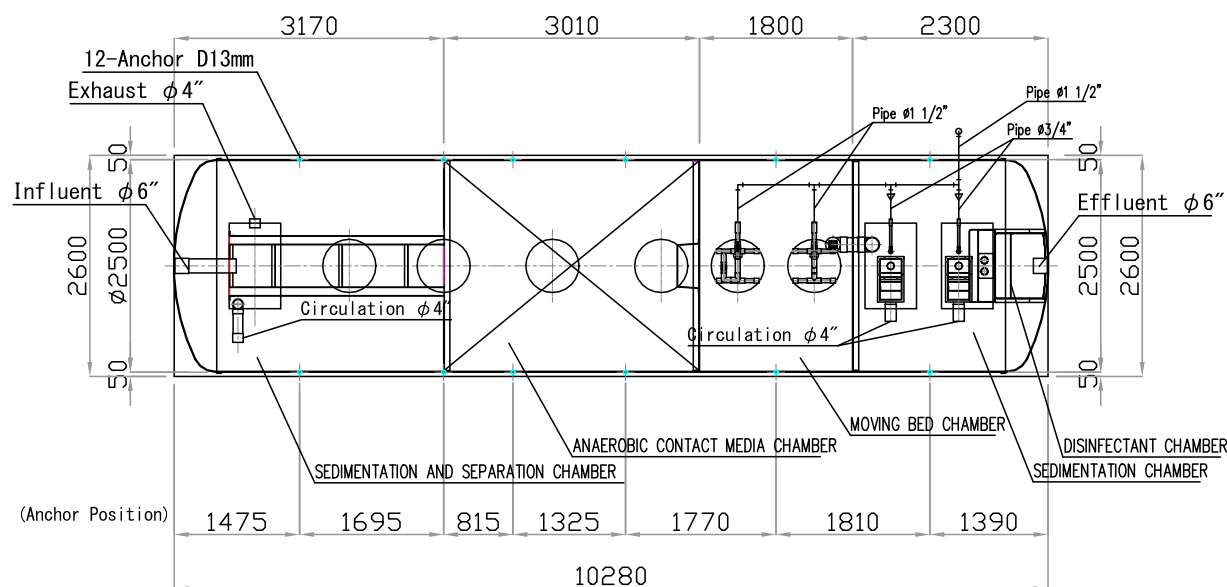
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DATE	-	
DRAWING NO.	SCALE	SHEET NO.
-	NTS	1 of 4

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



UPPER VIEW



UPPER SECTION

NOTE :

NOTE :

— ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND :

Plaza Kalha 3rd Floor
Jl. KH. Abdullah Syafe'i No. 20 B
Bukit Duri, Tebet, Jakarta Selatan
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DAIKI
AXIS INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
LAYOUT & SECTION

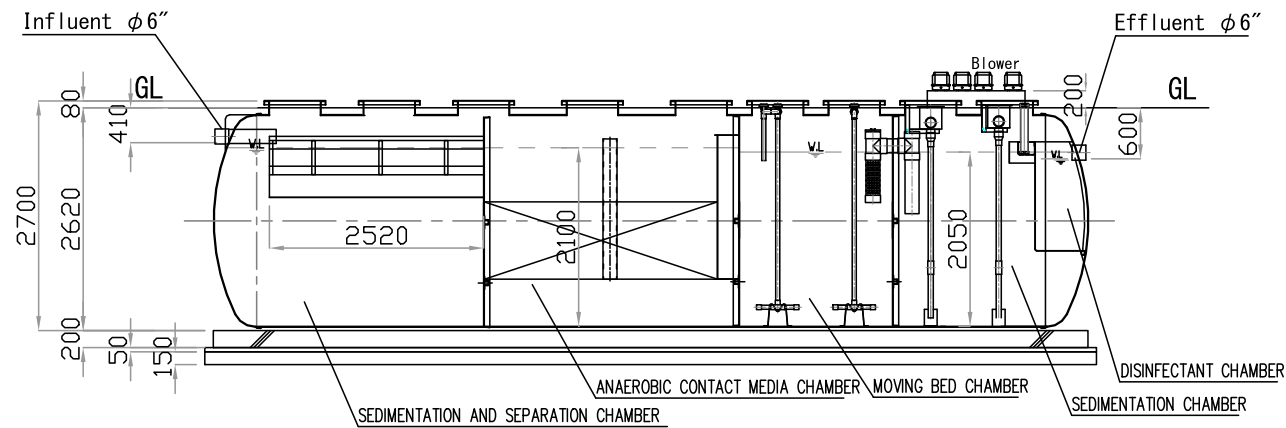
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BJ-45
(CAP. 45 m3 / day)

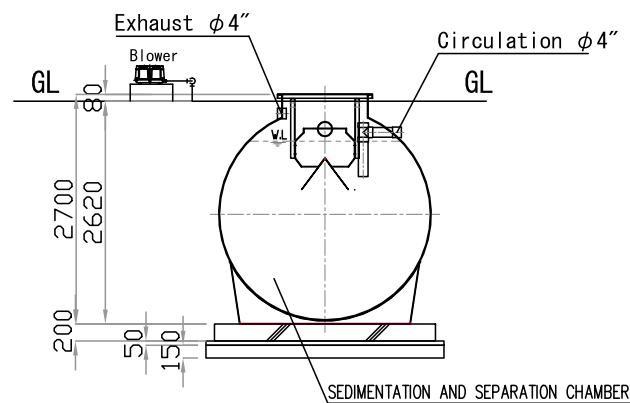
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-	NTS	2 of 4

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

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



A-A SECTION



B-B SECTION

NOTE :

NOTE :

— ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND :

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DAIKI
AXIS INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
SECTION

NAME OF MODEL :

BJ-45
(CAP. 45 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