


SPECIFICATION BJ-75		
Design Flow	75	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	2840	kg
Tank Weight No. 2	1470	kg
Operation Weight No. 1	46670	kg
Operation Weight No. 2	27627	kg

EFFECTIVE CAPACITY	
Sedimentation And Separation Chamber	21.915 m3
Anaerobic Contact Media Chamber	21.915 m3
Moving Bed Chamber	12.535 m3
Sedimentation Chamber	12.838 m3
Disinfectant Chamber	0.784 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	250	7	20 kPa

MANHOLE SPECIFICATION			
Loading Capacity T-0			
Mark	Measurement	Qty	Note
K1	FRP Manhole ϕ 600	9	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 :

REFERENCE :

DAIKI
AXIS
INDONESIA
PT. DAIKI AXIS INDONESIA

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STP
FLOW DIAGRAM & SPECIFICATION

BJ-75
(CAP. 75 m³ / day)

FILE NAME	-	
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
D	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

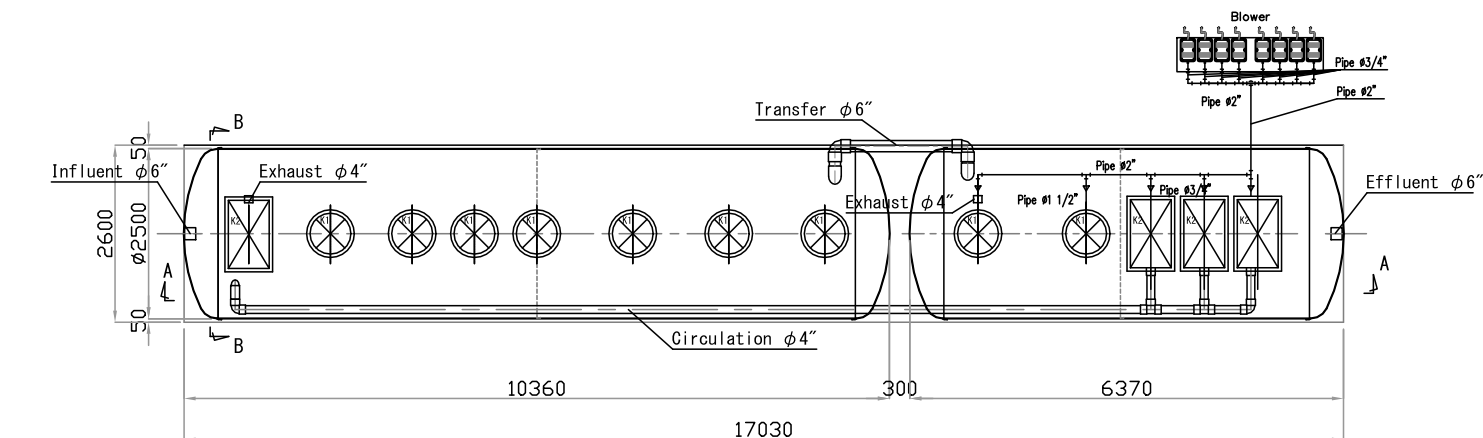
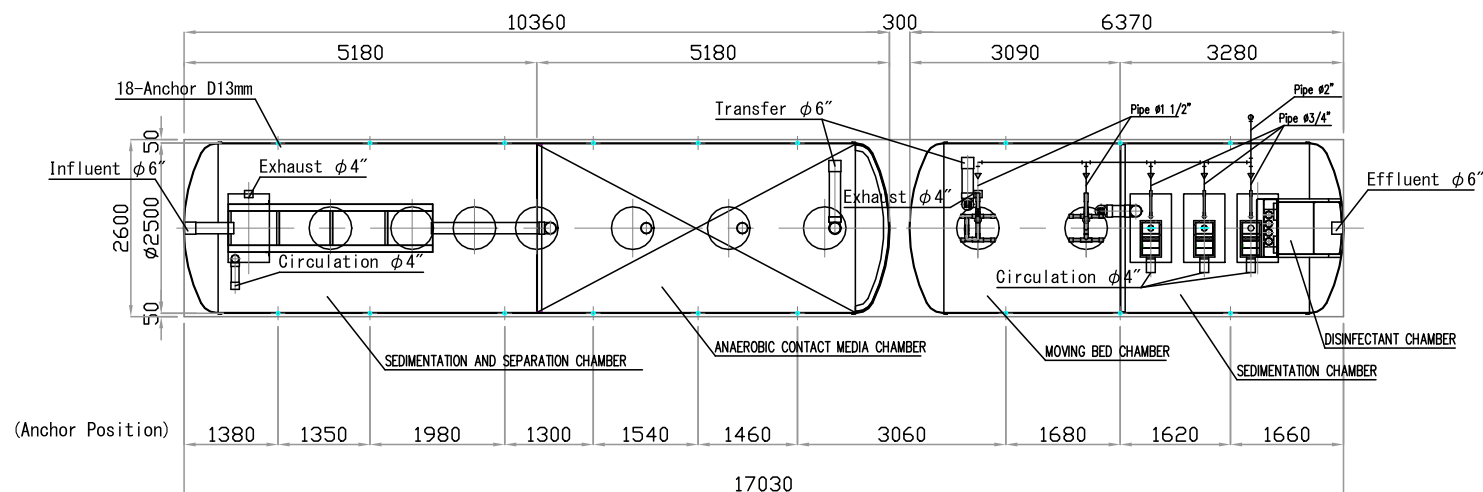
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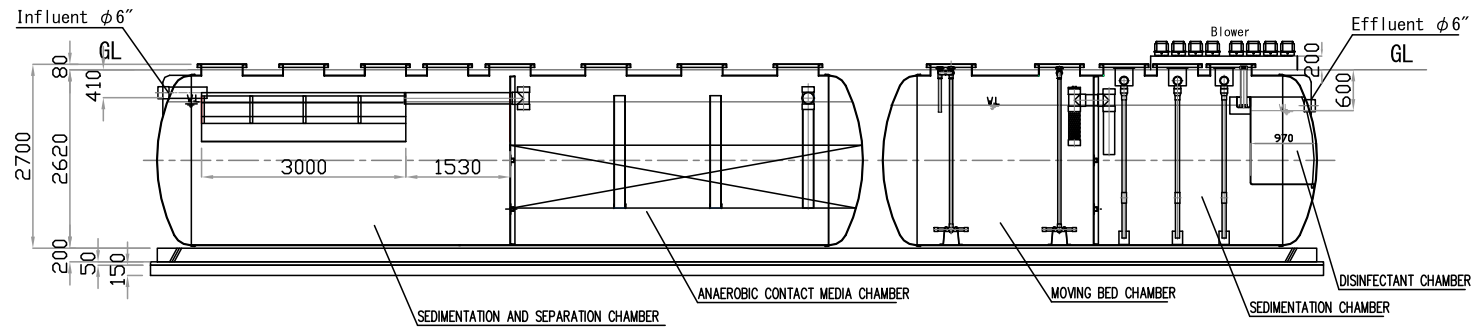
BJ-75
(CAP. 75 m3 / day)

FILE NAME	-	
DATE	-	
DRAWING NO.	SCALE	SHEET NO.
-	NTS	2 of 4

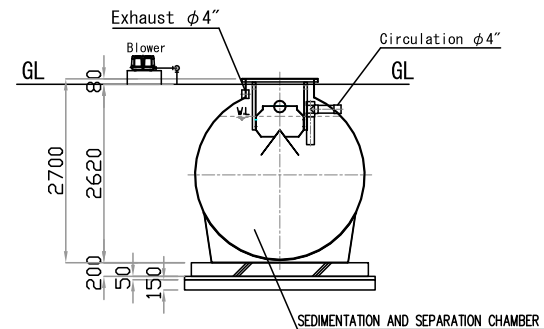
AGREEMENT		
DRAWN BY	24/09/20	DEDI
CHECKED BY	24/09/20	MURAKAMI
APPROVED BY	24/09/20	SAEKI

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

UPPER VIEWUPPER SECTION



A-A SECTION



B-B SECTION

NOTE

NOTE :

— ALL DIMENSIONS ARE IN MM

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DAIKI O
AXIS INDONESIA
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
SECTION

NAME OF MODEL :

BJ-75
(CAP. 75 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