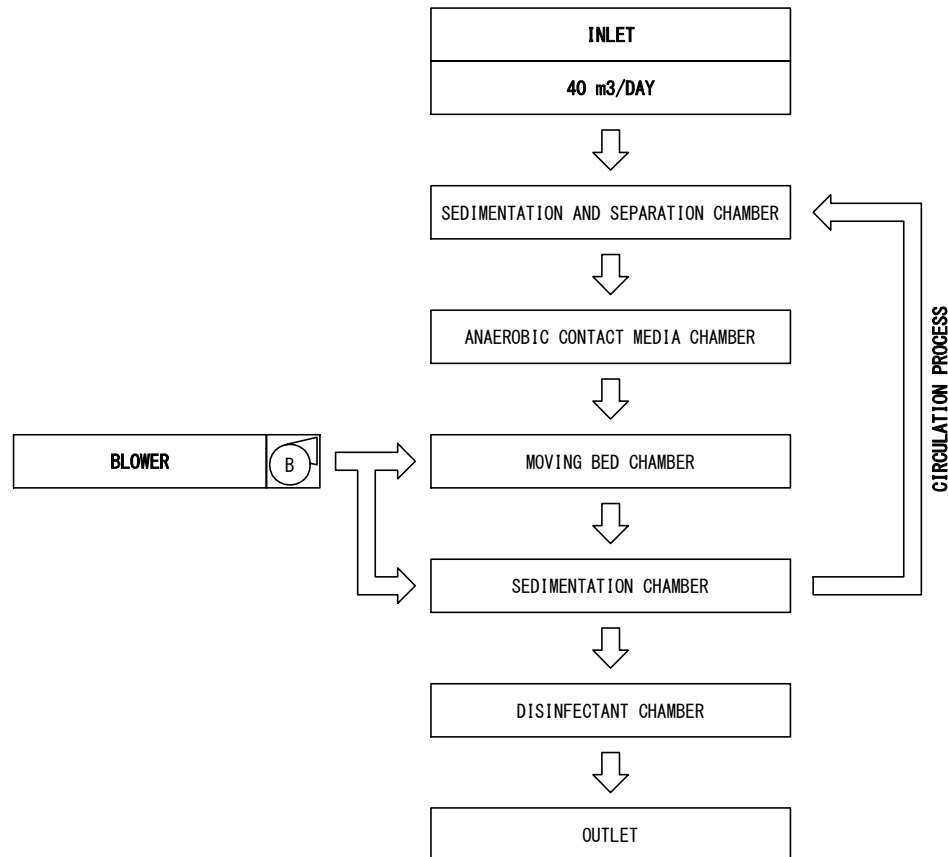


FLOW PROCESS



SPECIFICATION BJ-40

Design Flow	40 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	3150 kg
Operation Weight	40314 kg

EFFECTIVE CAPACITY

Sedimentation And Separation Chamber	11.684 m ³
Anaerobic Contact Media Chamber	11.697 m ³
Moving Bed Chamber	6.686 m ³
Sedimentation Chamber	6.677 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	2	20 kPa
	220	20	240	250	2	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-40
(CAP. 40 m³ / day)

FILE NAME -

DATE -

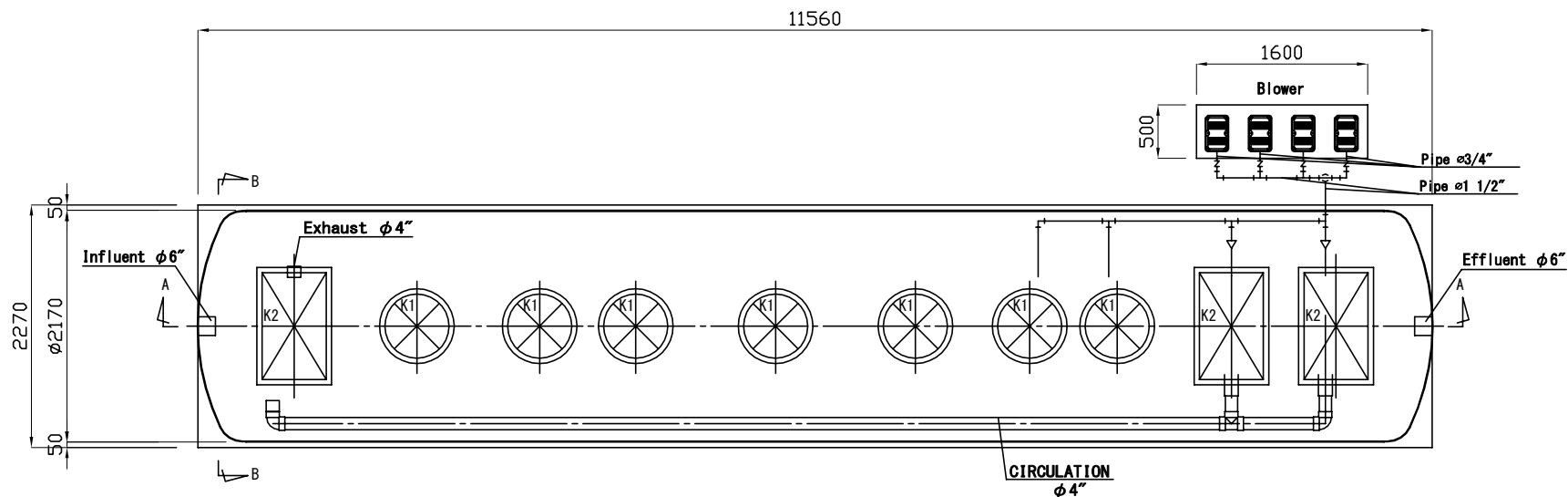
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-	NTS	1 of 4

AGREEMENT

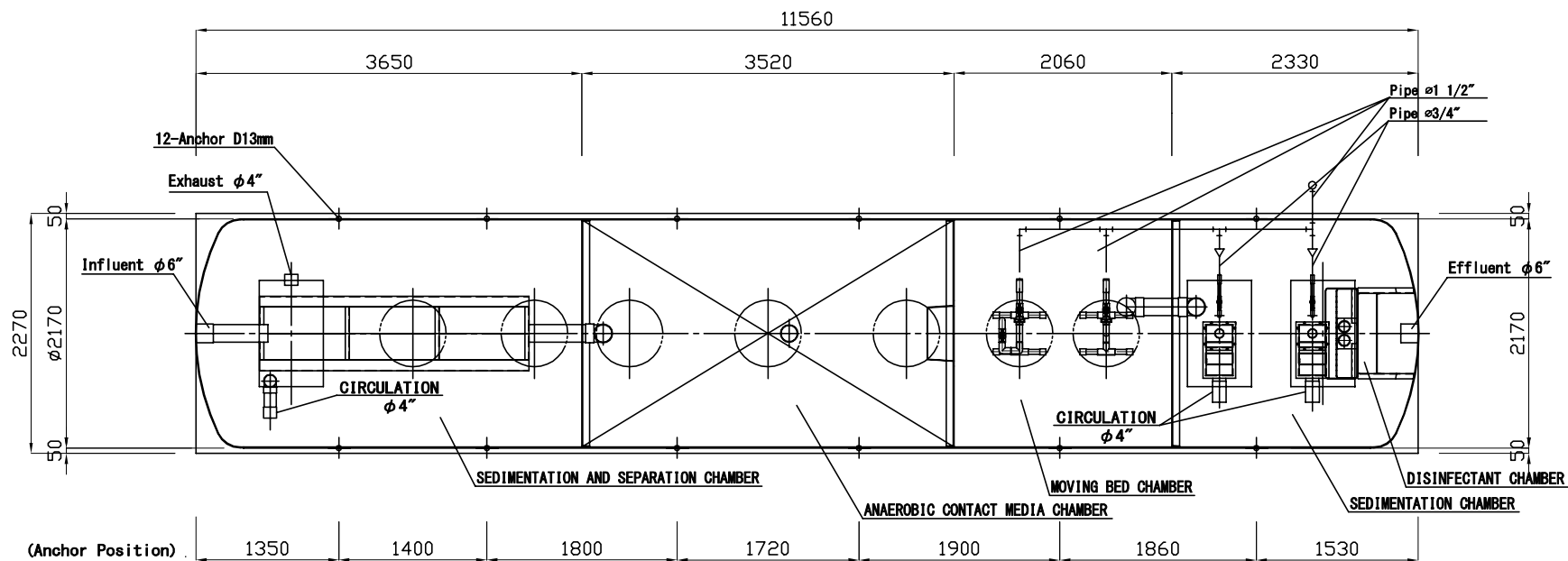
DRAWN BY	24/09/20	DED1
CHECKED BY	24/09/20	MURAKAMI
APPROVED BY	24/09/20	SAEKI

REVISION

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



UPPER VIEW



UPPER SECTION

NOTE

NOTE :

- ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND:

Plaza Kalis 3rd Floor
Jl. KH. Abdulah Syahid No. 20 B
Bukit Timah, Tasek, Johore Bahru
Telp : 021-85792348, 85794922
Fax : 021-85792354

DAIKI O
AVIS
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
LAYOUT & SECTION

NAME OF MODEL :

BJ-40
(CAP. 40 m³ / day)

FILE NAME

DATE

DRAWING NO.

SCALE

SHEET NO.

-

NTS

2 of 4

AGREEMENT

DRAWN BY

24/09/20

DED1

CHECKED BY

24/09/20

MURAKAMI

APPROVED BY

24/09/20

SAEKI

REVISION

REV

DATE

DESCRIPTION

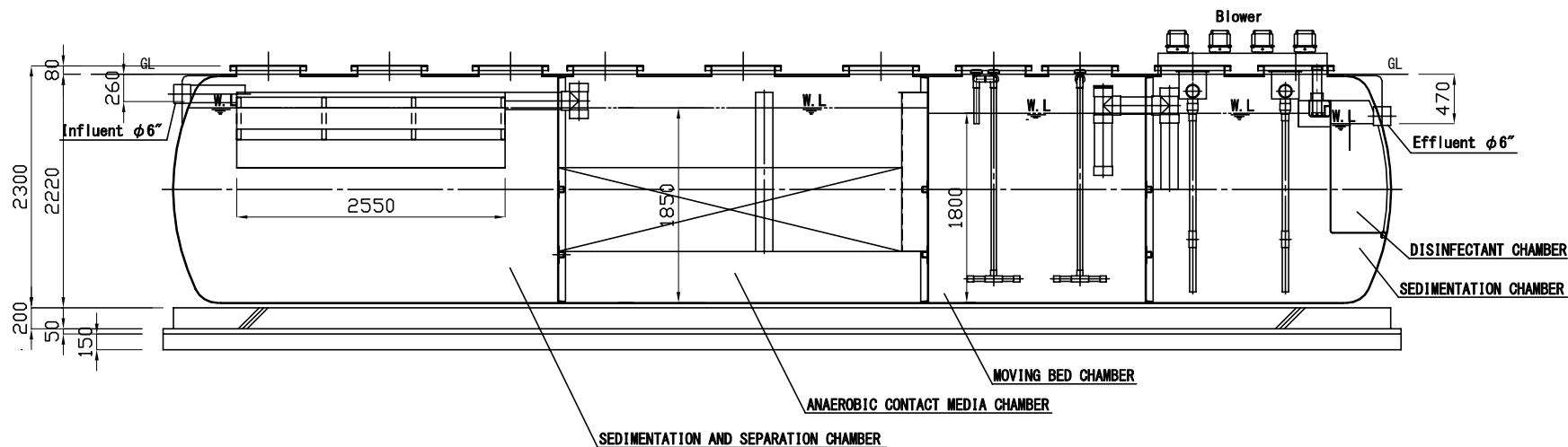
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C

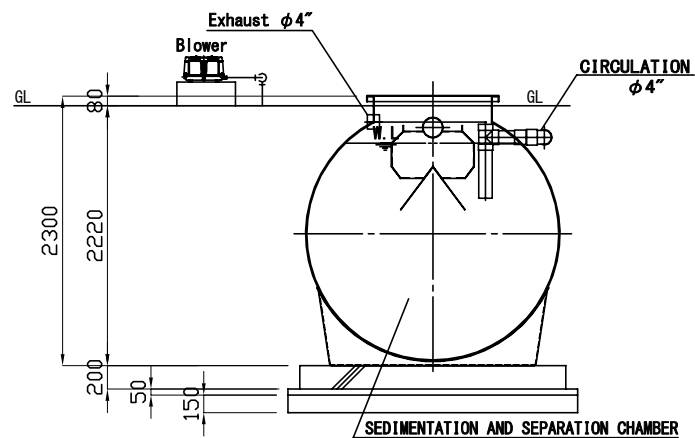
24/09/20

Design

DED1



A-A SECTION



B-B SECTION

NOTE

NOTE :

- ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND :

Plaza Kalis 3rd Floor
Jl. Jkt. Abdulrahman Saleh No. 20 B
Bekasi Timur, Bekasi, Jakarta Selatan
Telp : 021-83762348, 83764932
Fax : 021-8376254

DAIKI
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
SECTION

NAME OF MODEL :

BJ-40
(CAP. 40 m³ / day)

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

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