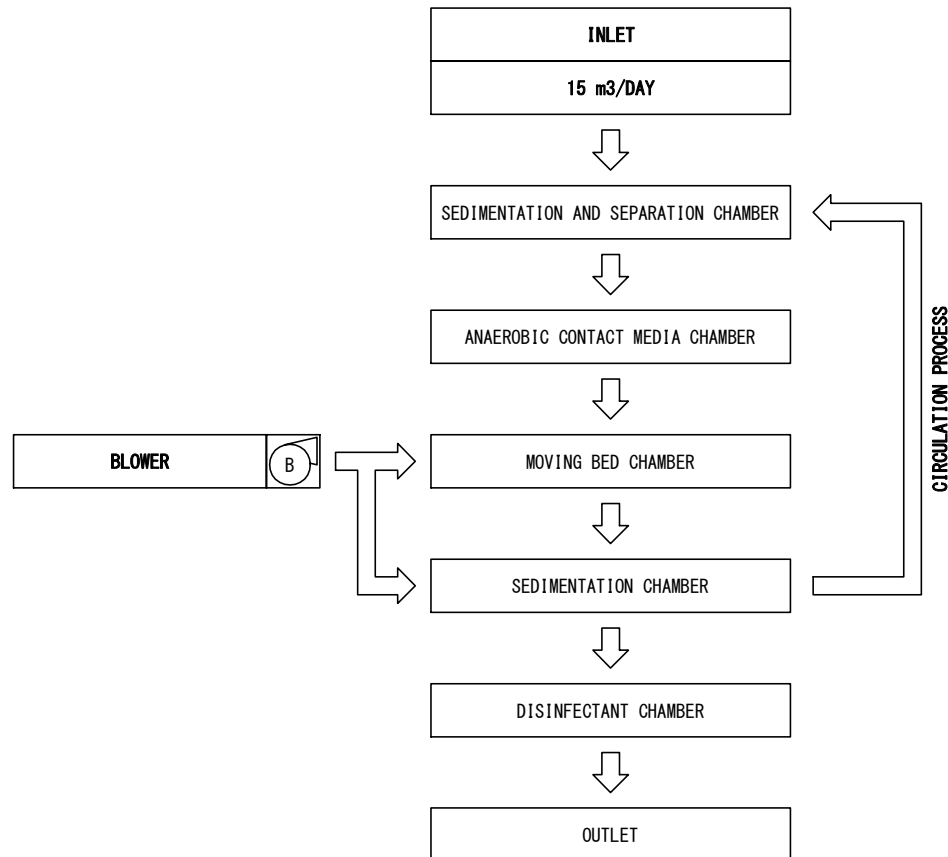


FLOW PROCESS



SPECIFICATION BJ-15

Design Flow	15 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	1670 kg
Operation Weight	18916 kg

EFFECTIVE CAPACITY

Sedimentation And Separation Chamber	5.849 m ³
Anaerobic Contact Media Chamber	5.427 m ³
Moving Bed Chamber	3.343 m ³
Sedimentation Chamber	2.512 m ³
Disinfectant Chamber	0.157 m ³

EQUIPMENT SPECIFICATION

Equipment Name	Voltage	Bore mm	Capacity L/min	Motor W	Qty	Pressure /Head
Blower	220	13	80	51	1	15 kPa
	220	20	240	250	1	20 kPa

MANHOLE SPECIFICATION

Loading Capacity T-0			
Mark	Measurement	Qty	Note
K1	FRP Manhole ϕ 450	1	By Daiki Axis
K2	FRP Manhole ϕ 600	2	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 :

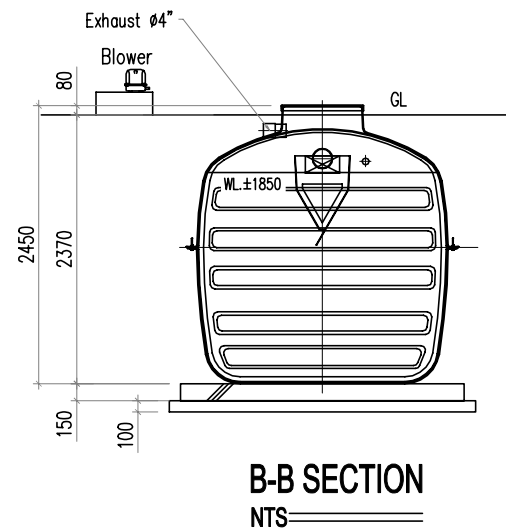
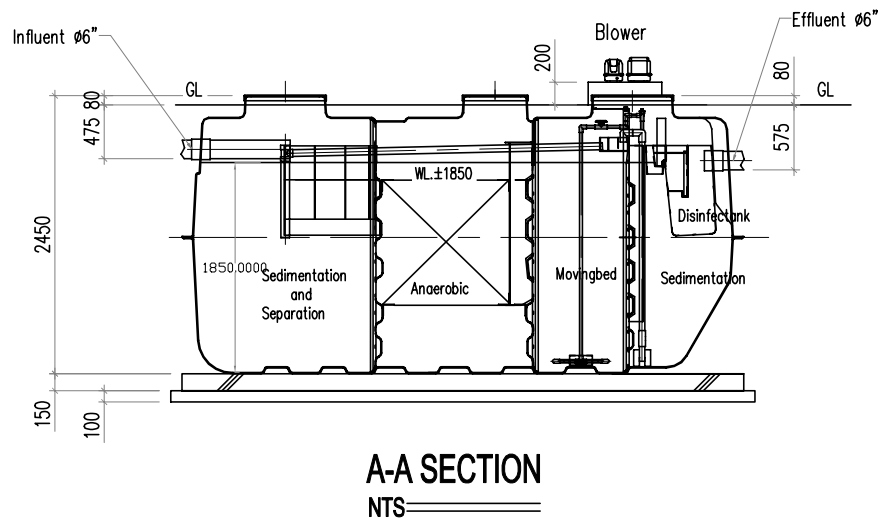
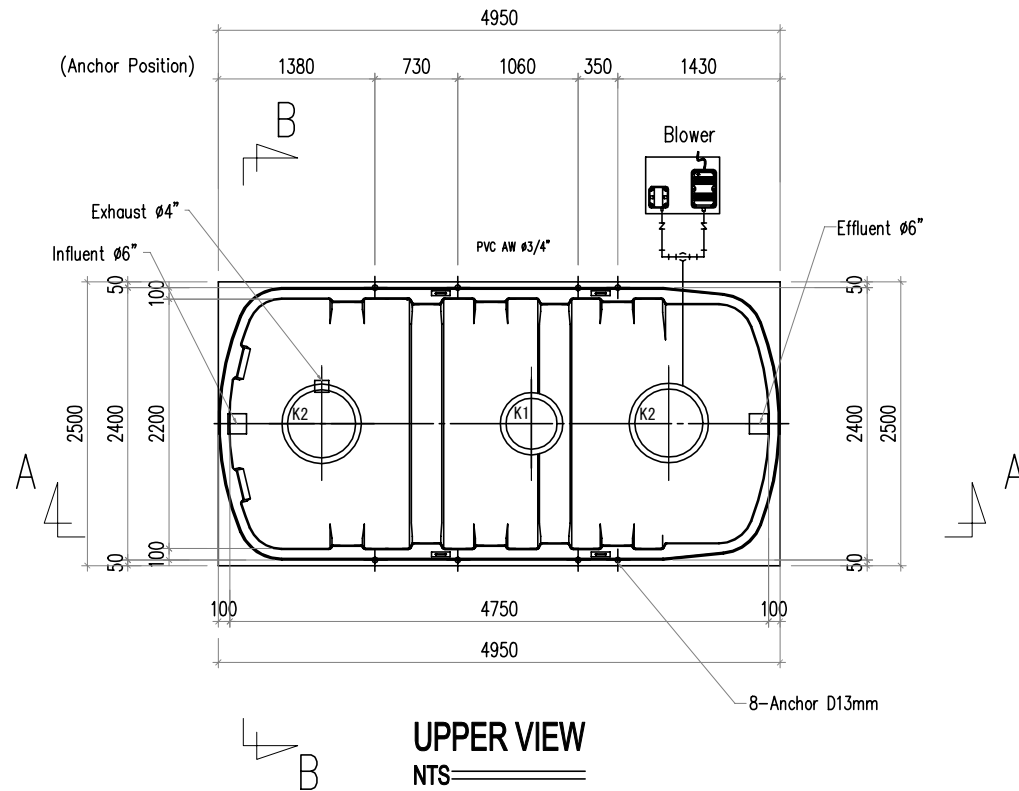
DRAWING TITLE :

STP
FLOW DIAGRAM & SPECIFICATION

NAME OF MODEL :

BJ-15
(CAP. 15 m³ / day)

FILE NAME		-	
DATE		-	
DRAWING NO.	SCALE	SHEET NO.	
-	NTS	1 of 3	
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 :

LEGEND:

Plaza Kalua 3rd Floor
Jl. Rte. Abdullah Syahid No. 20 B
Bukit Timah, Tasek, Jakarta Selatan
Telp : 021-85702100, 85704022
Fax : 021-85702054

DAIKI
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

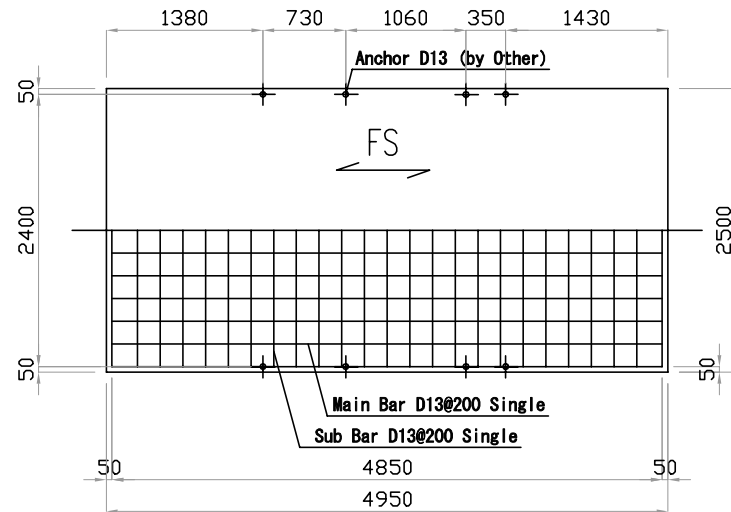
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STP
LAYOUT & SECTION

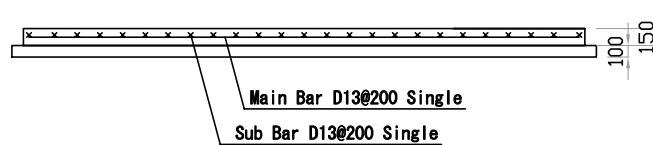
NAME OF MODEL :

BJ-15
(CAP. 15 m³ / day)

FILE NAME	-	
DATE	-	
DRAWING NO.	SCALE	SHEET NO.
-	NTS	2 of 3
AGREEMENT		
DRAWN BY	24/09/20	DED1
CHECKED BY	24/09/20	MURAKAMI
APPROVED BY	24/09/20	SAEKI
REVISION		
REV	DATE	DESCRIPTION
D	8/12/21	Design

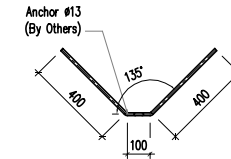


UPPER VIEW
NTS

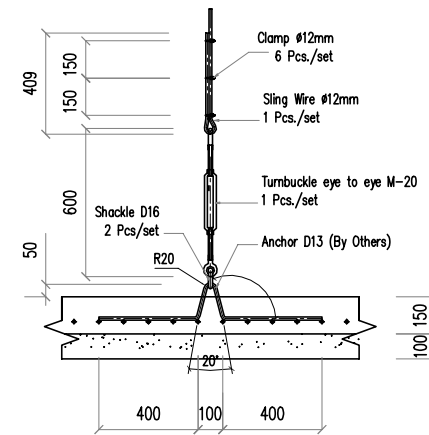


A-A SECTION
NTS

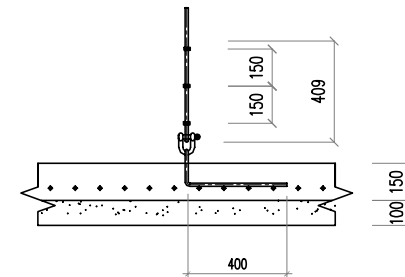
MATERIAL	FORM	SPEISIFICATION FOR BAR ARRANGEMENT
BASE SLAB	THICKNESS 150	MAIN BAR : D13-@200 SINGLE
		SUB BAR : D13-@200 SINGLE
COMMON MATTER	CONCRETE : $F_c = 18 \text{ N/mm}^2$	
	REINFORCING BAR : SD295A	
	ANCHORAGE & JOINT : OVER 40d	
LOADING CAPACITY T-0		



UPPER VIEW
NTS



FRONT VIEW
NTS



SIDE VIEW
NTS

ANCHOR BOLT DETAIL
NTS

Sling Wire $\phi 12\text{mm}$ Qty. 4 ea
Anchor Bolt D13 Qty. 8 ea (By OTHERS)

NOTE

NOTE :

- ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND:

Plaza Kalua 3rd Floor
Jl. R. Abdulah Syarif No. 20 B
Bukit Mertajam, Pulau Pinang, Malaysia
Telp : 011-43792210, 43794922
Fax : 011-43792254
DAIKI O
AVIS
PT. DAIKI AXIS INDONESIA

PROJECT NAME :

DRAWING TITLE :

STP
CIVIL DRAWING

NAME OF MODEL :

BJ-15
(CAP. 15 m³ / day)

FILE NAME		-	
DATE		-	
DRAWING NO.	SCALE	SHEET NO.	
-	NTS	3 of 3	
AGREEMENT			
DRAWN BY	24/09/20	DED1	
CHECKED BY	24/09/20	MURAKAMI	
APPROVED BY	24/09/20	SAEKI	
REVISION			
REV	DATE	DESCRIPTION	DRAWN
D	8/12/21	Design	DED1