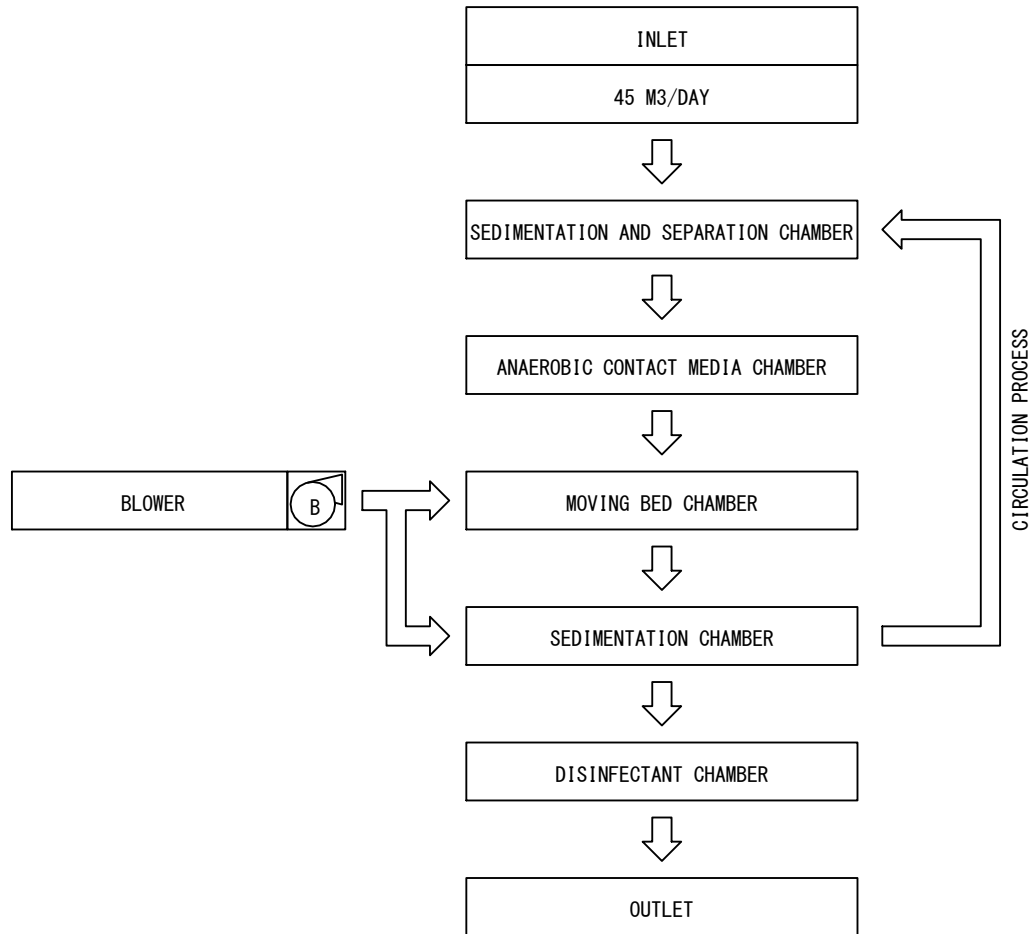


## FLOW PROCESS



### SPECIFICATION BA-45

|                  |                        |
|------------------|------------------------|
| Design Flow      | 45 m <sup>3</sup> /day |
| Influent BOD     | 300 mg/Lt              |
| Effluent BOD     | 20 mg/Lt               |
| Tank Weight      | 2290 kg                |
| Operation Weight | 33220 kg               |

### EFFECTIVE CAPACITY

|                                      |                       |
|--------------------------------------|-----------------------|
| Sedimentation And Separation Chamber | 6.965 m <sup>3</sup>  |
| Anaerobic Contact Media Chamber      | 12.195 m <sup>3</sup> |
| Moving Bed Chamber                   | 7.530 m <sup>3</sup>  |
| Sedimentation Chamber                | 3.820 m <sup>3</sup>  |
| Disinfectant Chamber                 | 0.420 m <sup>3</sup>  |

### ATTACHMENTS SPECIFICATION

| Equipment Name | Voltage | Bore mm | Capacity Lt/min | Motor W | Qty | Pressure /Head |
|----------------|---------|---------|-----------------|---------|-----|----------------|
| Blower 1       | 220     | 20      | 200             | 190     | 2   | 20 kPa         |
| Blower 2       | 220     | 20      | 240             | 250     | 1   | 20 kPa         |

### MANHOLE SPECIFICATION

| Loading Capacity T-0 |                        |     |               |
|----------------------|------------------------|-----|---------------|
| Mark                 | Measurement            | Qty | Note          |
| K1                   | FRP Manhole $\phi$ 600 | 5   | By Daiki Axis |
| K2                   | FRP Manhole 600x1000   | 2   | By Daiki Axis |

### INTERIOR PARTS SPECIFICATION

|                  |             |
|------------------|-------------|
| Waste Water Pipe | PVC D or AW |
| Air Pipe         | PVC AW      |
| Air Valve        | PVC AW      |
| Pipe Support     | FRP         |

### NOTE

NOTE :

— ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND :



PROJECT NAME :

DRAWING TITLE :

STP  
FLOW DIAGRAM & SPECIFICATION

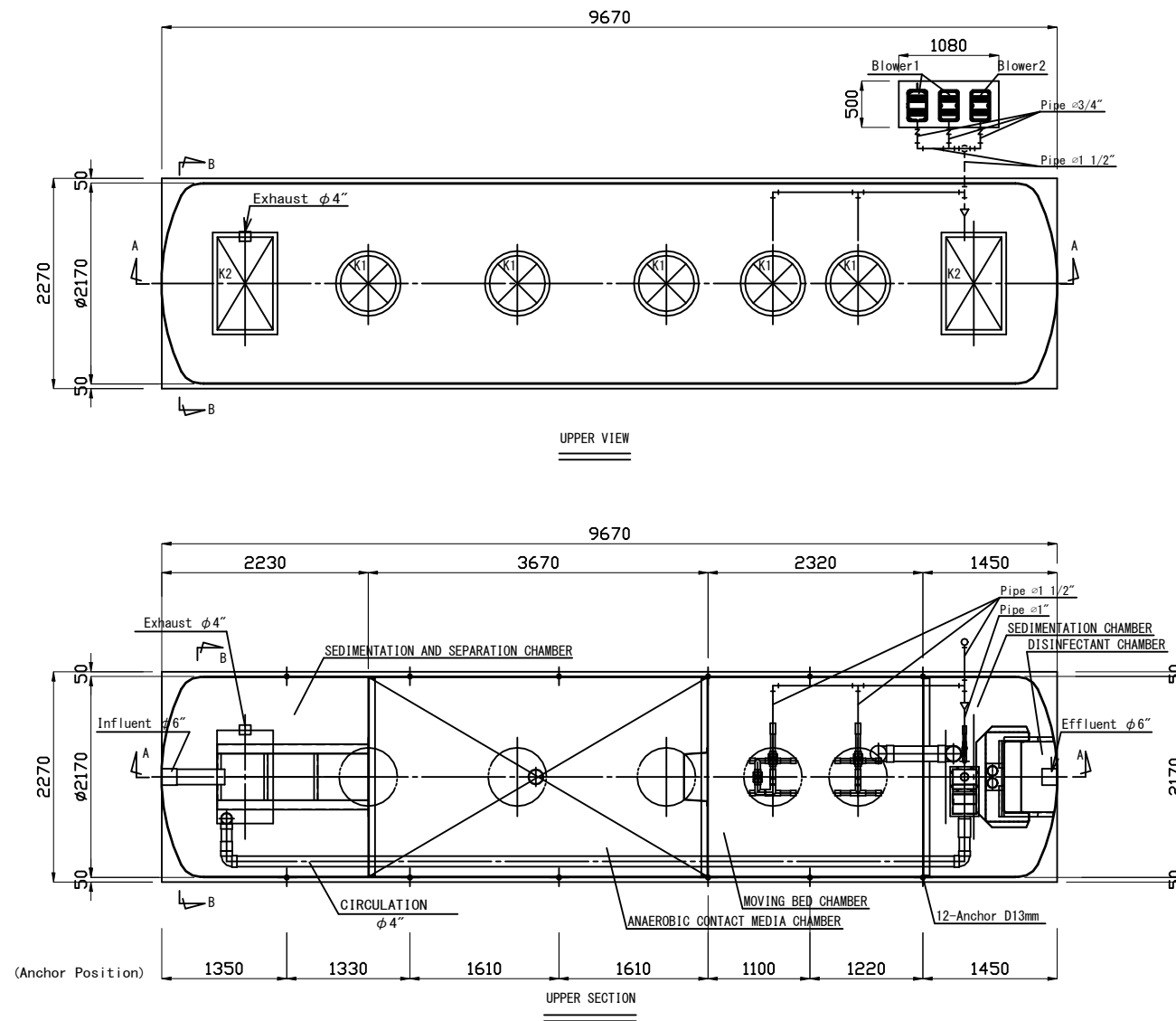
NAME OF PLANT :

BA-45  
( CAP. 45 m<sup>3</sup> / day )

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

| AGREEMENT   |          |          |
|-------------|----------|----------|
| DRAWN BY    | 20/05/20 | RAYHAN   |
| CHECKED BY  | 20/05/20 | DEDI     |
| APPROVED BY | 20/05/20 | MURAKAMI |

| REVISION |     |          |             |        |
|----------|-----|----------|-------------|--------|
| NO.      | REV | DATE     | DESCRIPTION | DRAWN  |
| 1        | B   | 20/05/20 | Design      | RAYHAN |
| 2        |     |          |             |        |
| 3        |     |          |             |        |



# NOTE

NOTE :

— ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND :



PROJECT NAME :

DRAWING TITLE :

STP  
LAYOUT & SECTION

NAME OF PLANT :

BA-45  
( CAP. 45 m3 / day )

FILE NAME

DATE

DRAWING NO.

SCALE

SHEET NO.

NTS

2 of 3

## AGREEMENT

DRAWN BY

20/05/20

RAYHAN

CHECKED BY

20/05/20

DED1

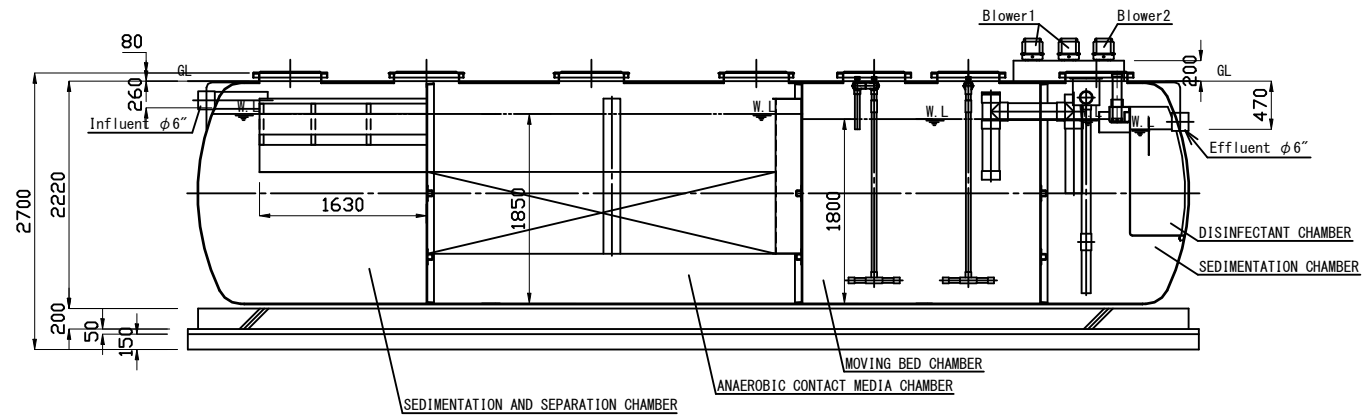
APPROVED BY

20/05/20

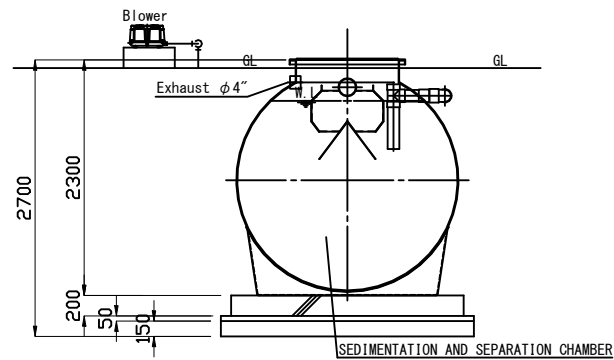
MURAKAMI

## REVISION

| NO. | REV | DATE     | DESCRIPTION | DRAWN  |
|-----|-----|----------|-------------|--------|
| 1   | B   | 20/05/20 | Design      | RAYHAN |
| 2   |     |          |             |        |
| 3   |     |          |             |        |



A-A SECTION



B-B SECTION

# NOTE

NOTE :

- ALL DIMENSIONS ARE IN MM

REFERENCE :

LEGEND :

Plaza Kaba 3rd Floor  
Jl. KH. Abdurrahman Sudika / No. 30 B  
Bekasi Barat, Tegal, Jakarta Barat  
telp : 021-62570106, 62704522  
faks : 021-62570064

**Daiki O**  
**AXIS INDONESIA**  
**PT. DAIKI AXIS INDONESIA**

PROJECT NAME :

DRAWING TITLE :

STP  
LAYOUT & SECTION

NAME OF PLANT :

BA-45  
( CAP. 45 m3 / day )

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

## AGREEMENT

|             |          |          |
|-------------|----------|----------|
| DRAWN BY    | 20/05/20 | RAYHAN   |
| CHECKED BY  | 20/05/20 | DEDI     |
| APPROVED BY | 20/05/20 | MURAKAMI |

## REVISION

| NO. | REV | DATE     | DESCRIPTION | DRAWN  |
|-----|-----|----------|-------------|--------|
| 1   | B   | 20/05/20 | Design      | RAYHAN |
| 2   |     |          |             |        |
| 3   |     |          |             |        |