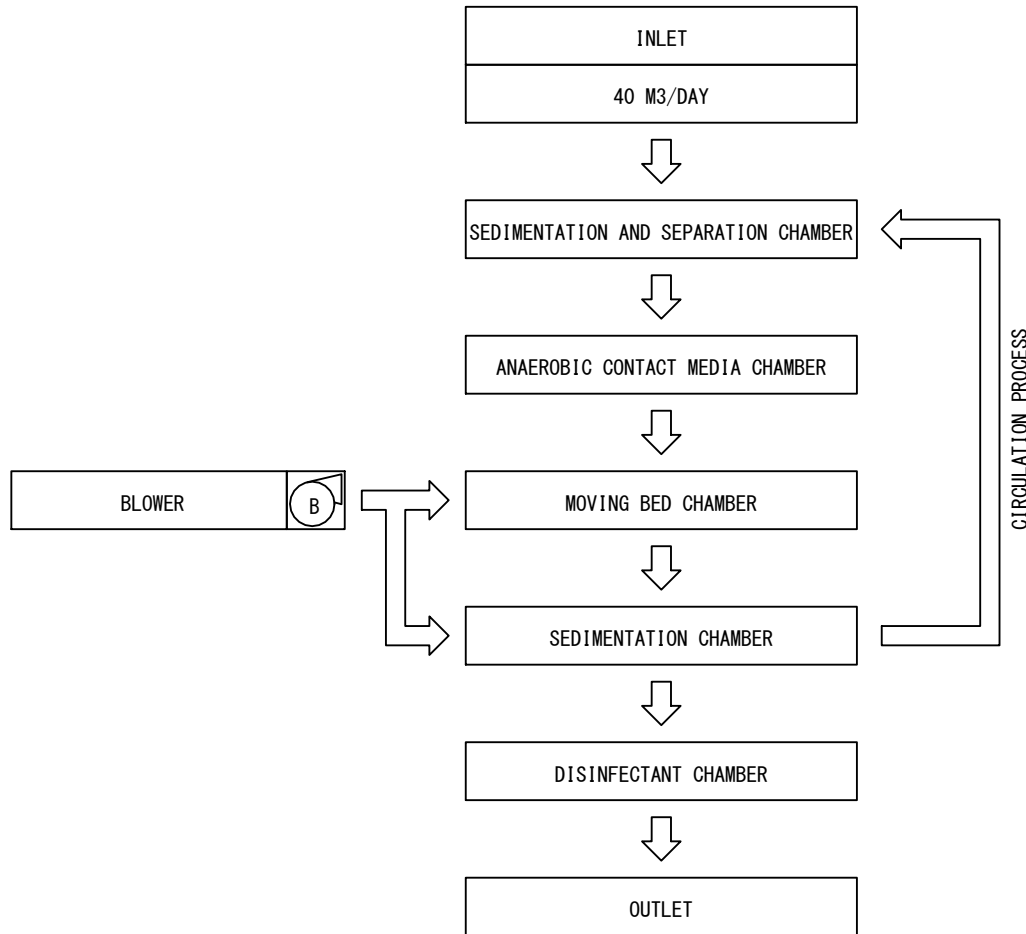


## FLOW PROCESS



### SPECIFICATION BA-40

|                  |           |
|------------------|-----------|
| Design Flow      | 40 m3/day |
| Influent BOD     | 300 mg/Lt |
| Effluent BOD     | 20 mg/Lt  |
| Tank Weight      | 2050 kg   |
| Operation Weight | 29685 kg  |

### EFFECTIVE CAPACITY

|                                      |           |
|--------------------------------------|-----------|
| Sedimentation And Separation Chamber | 6.168 m3  |
| Anaerobic Contact Media Chamber      | 10.866 m3 |
| Moving Bed Chamber                   | 6.686 m3  |
| Sedimentation Chamber                | 3.495 m3  |
| Disinfectant Chamber                 | 0.420 m3  |

### ATTACHMENTS SPECIFICATION

| Equipment Name | Voltage | Bore mm | Capacity Lt/min | Motor W | Qty | Pressure /Head |
|----------------|---------|---------|-----------------|---------|-----|----------------|
| Blower 1       | 220     | 20      | 150             | 155     | 1   | 20 kpa         |
| Blower 2       | 220     | 20      | 200             | 190     | 2   | 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

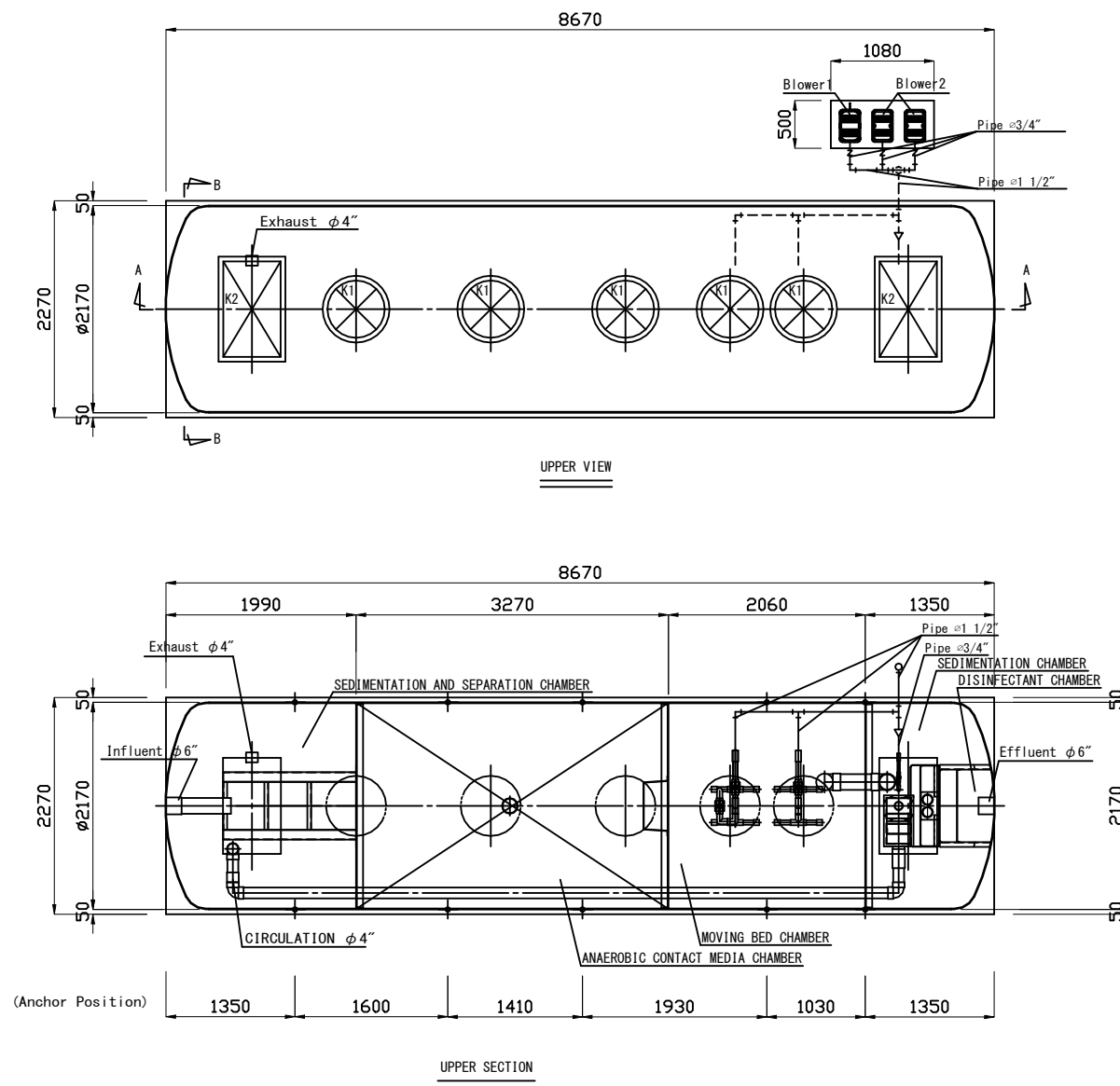
NAME OF PLANT :

BA-40  
( CAP. 40 m3 / 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 :

Plaza Raha 3rd Floor  
 Jl. KH. Abdurrahman Sudharto No. 30 B  
 Bekasi Barat, Bekasi, Indonesia  
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**Daiki**  
**AXIS INDONESIA**  
**PT. DAIKI AXIS INDONESIA**

PROJECT NAME :

DRAWING TITLE :

STP  
 LAYOUT & SECTION

NAME OF PLANT :

BA-40  
 ( CAP. 40 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

DEDI

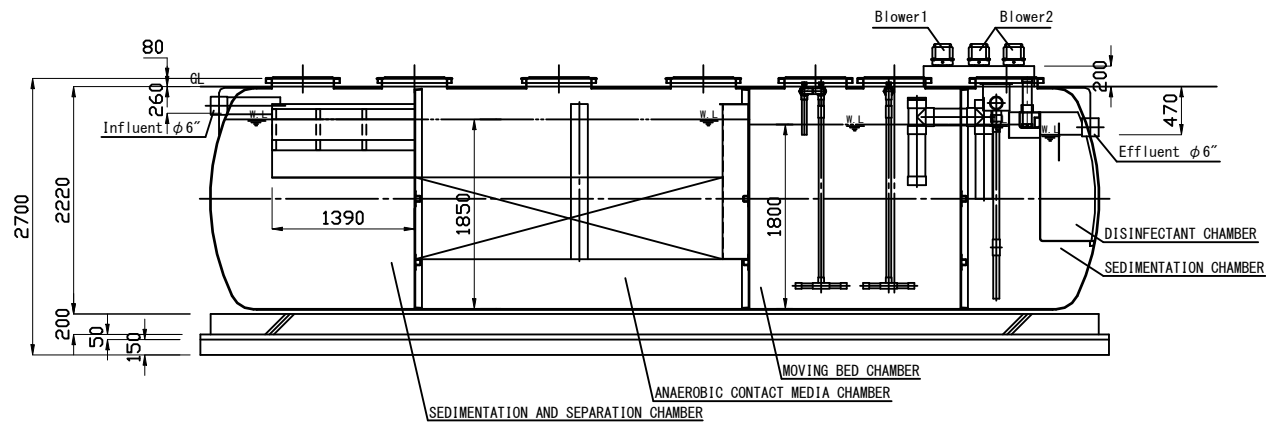
APPROVED BY

20/05/20

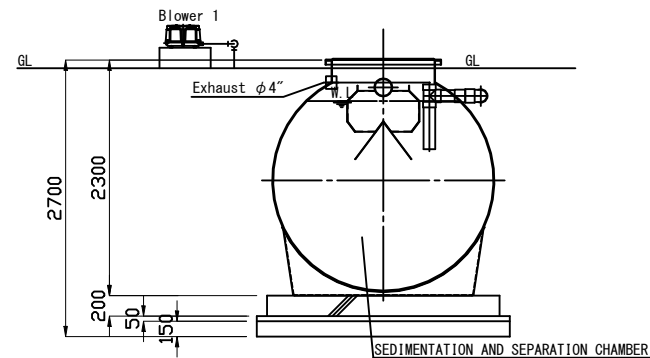
MURAKAMI

## 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 Kiba 3rd Floor  
Jl. KH. Achmad Yani Sateh I No. 30 B  
Bekasi Barat, Bekasi - Indonesia  
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Fax : 021-6250064

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

PROJECT NAME :

DRAWING TITLE :

STP  
LAYOUT & SECTION

NAME OF PLANT :

BA-40  
( CAP. 40 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   |     |          |             |        |