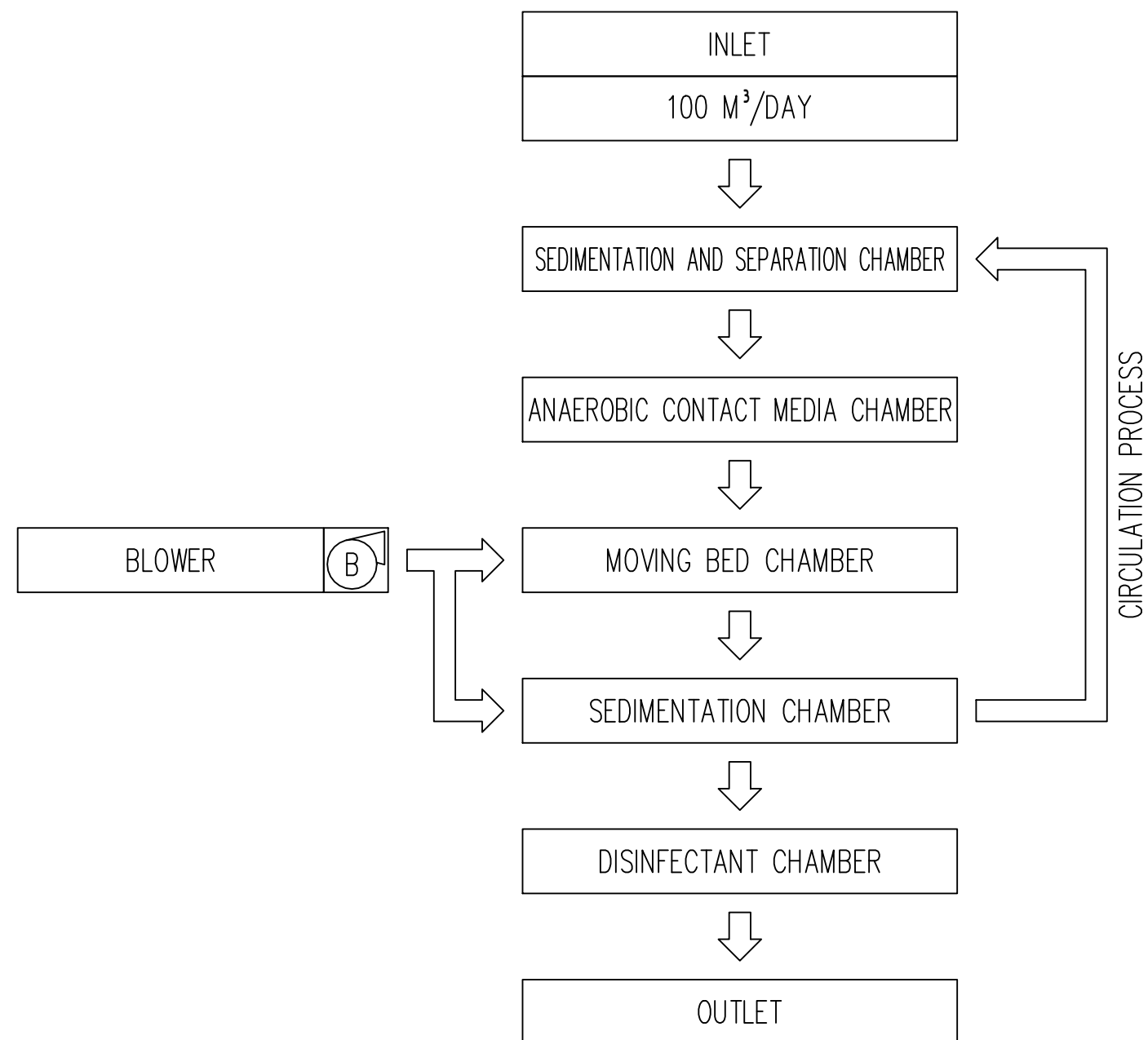


# FLOW PROCESS



## SPECIFICATION BA-100 COVER

|                        |       |        |
|------------------------|-------|--------|
| Design Flow            | 100   | m3/day |
| Influent BOD           | 300   | mg/Lt  |
| Effluent BOD           | 20    | mg/Lt  |
| Tank Weight No. 1      | 2750  | kg     |
| Tank Weight No. 2      | 1480  | kg     |
| Operation Weight No. 1 | 45315 | kg     |
| Operation Weight No. 2 | 27299 | kg     |

## EFFECTIVE CAPACITY

|                                      |        |                |
|--------------------------------------|--------|----------------|
| Sedimentation And Separation Chamber | 15.459 | m <sup>3</sup> |
| Anaerobic Contact Media Chamber      | 27.106 | m <sup>3</sup> |
| Moving Bed Chamber                   | 16.677 | m <sup>3</sup> |
| Sedimentation Chamber                | 8.653  | m <sup>3</sup> |
| Disinfectant Chamber                 | 0.489  | m <sup>3</sup> |

## SPECIFICATION ATTACHMENTS

| Equipment Name | Voltage | Bore mm | Capacity Lt / min | Motor W | Qty | Pressure/ Head |
|----------------|---------|---------|-------------------|---------|-----|----------------|
| Blower         | 220     | 20      | 240               | 250     | 5   | 25 kPa         |
|                | 220     | 20      | 150               | 155     | 1   |                |

## SPECIFICATION FOR ACCES HOLE COVER

LOADING CAPACITY = T-0

| Mark | Measurement            | Qty | Note          |
|------|------------------------|-----|---------------|
| K1   | FRP Manhole ø600       | 9   | By Daiki Axis |
| K2   | FRP Manhole 1000 x 600 | 3   | By Daiki Axis |

## SPECIFICATION FOR INTERIOR PARTS

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

## NOTE

NOTE :

– ALL DIMENSION ARE IN MM

REFERENCE :

LEGEND :



PROJECT NAME :

–

DRAWING TITLE :

STP  
FLOW DIAGRAM & SPECIFICATION

NAME OF PLANT :

BA 100 COVER  
( CAP. 100 m<sup>3</sup> / day )

FILE NAME

–

DATE

–

DRAWING NO.

SCALE

SHEET NO.

–

NTS

1

SIGN AGREEMENT

DRAWN BY

–

CHECKED BY

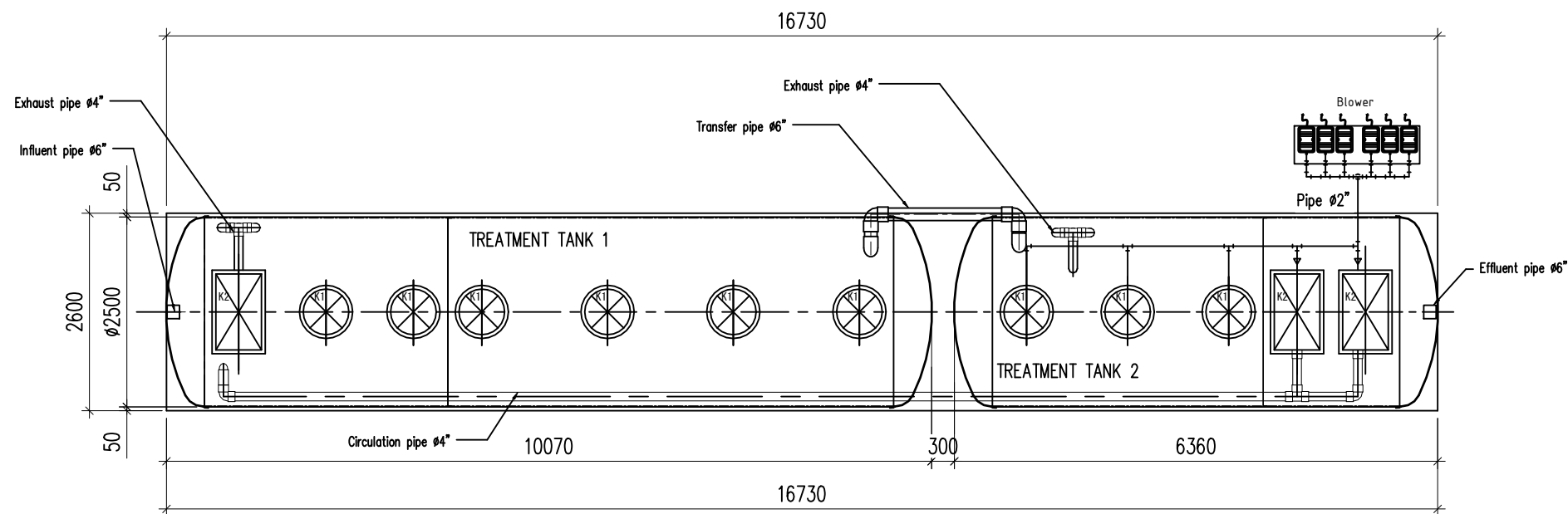
IMAM

APPROVED BY

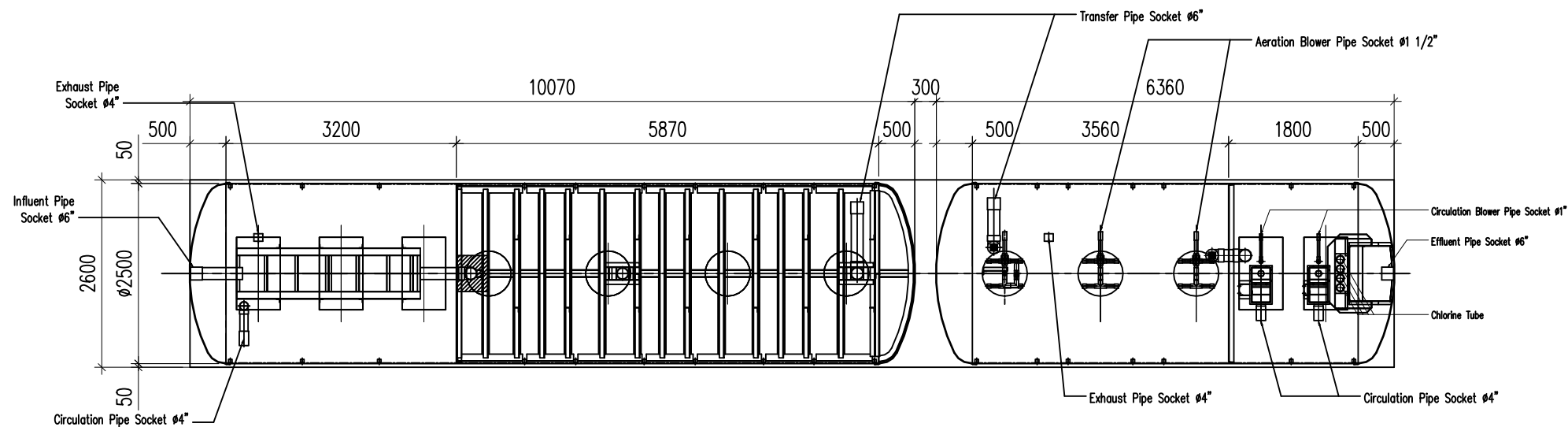
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REVISION

| NO. | REV. | DATE | DRAWN | APP. |
|-----|------|------|-------|------|
| 1   | A    | –    | –     |      |
| 2   |      |      |       |      |
| 3   |      |      |       |      |



UPPER VIEW  
NTS



UPPER SECTION  
NTS

NOTE

NOTE :

– ALL DIMENSION ARE IN MM

REFERENCE :

LEGEND :

**Daiki**  
**AVIS**  
**PT. DAIKI AXIS INDONESIA**

Plaza Kaha 3rd Floor  
Jl. KH. Abdulah Syafe'i No. 20 B  
Bukit Duri, Tebet, Jakarta Selatan  
\*Telp : 021-83791186, 83704032  
\*Fax : 021-83703954

PROJECT NAME :

—  
—

DRAWING TITTLE :

STP  
LAYOUT

NAME OF PLANT :

BA 100 COVER  
( CAP. 100 m<sup>3</sup> / day )

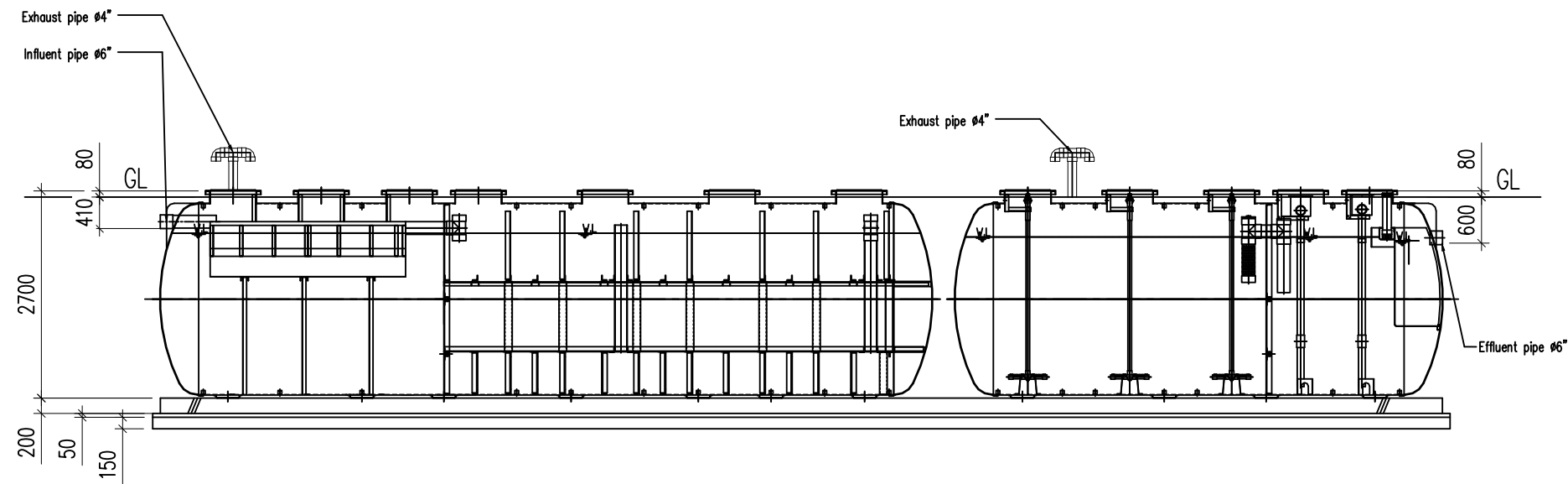
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| —           | NTS   | 2         |

SIGN AGREEMENT

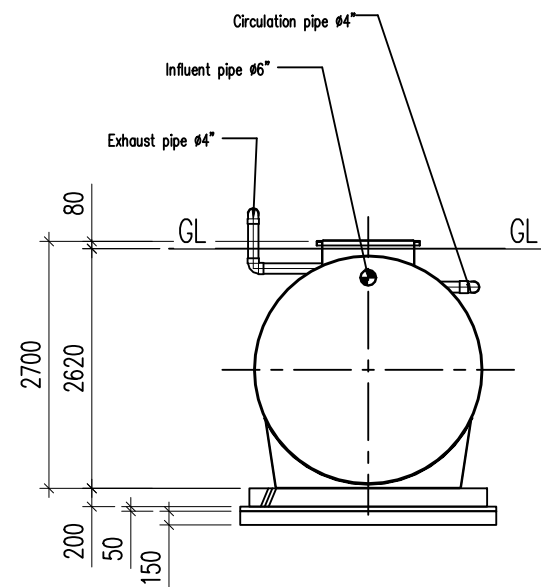
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| DRAWN BY    | —    |  |
| CHECKED BY  | IMAM |  |
| APPROVED BY | NUR  |  |

REVISION

| NO. | REV. | DATE | DRAWN | APP. |
|-----|------|------|-------|------|
| 1   | A    | —    | —     |      |
| 2   |      |      |       |      |
| 3   |      |      |       |      |



FRONT VIEW  
NTS



SIDE VIEW  
NTS

NOTE

NOTE :

– ALL DIMENSION ARE IN MM

REFERENCE :

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PROJECT NAME :

–  
–

DRAWING TITLLE :

STP  
SECTION

NAME OF PLANT :

BA 100 COVER  
( CAP. 100 m<sup>3</sup> / day )

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

SIGN AGREEMENT

|             |      |  |
|-------------|------|--|
| DRAWN BY    | –    |  |
| CHECKED BY  | IMAM |  |
| APPROVED BY | NUR  |  |

REVISION

| NO. | REV. | DATE | DRAWN | APP. |
|-----|------|------|-------|------|
| 1   | A    | –    | –     |      |
| 2   |      |      |       |      |
| 3   |      |      |       |      |