

EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT – PHASE II

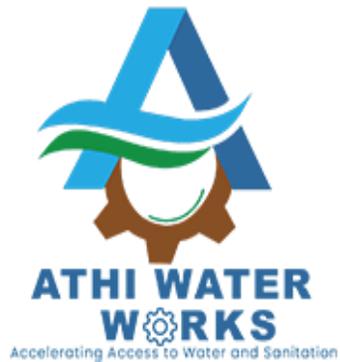
CONTRACT No.
AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

FEBRUARY 2026

BOOK OF DRAWINGS

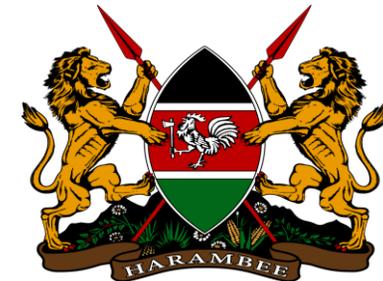
EMPLOYER:

ATHIWATER WORKS DEVELOPMENT AGENCY
ATHI WATER PLAZA, MUTHAIGA NORTH ROAD
OF KIAMBU RD
P.O BOX 45283-00100
NAIROBI KENYA



FINACIER

GOVERNMENT OF KENYA



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SHEET 3

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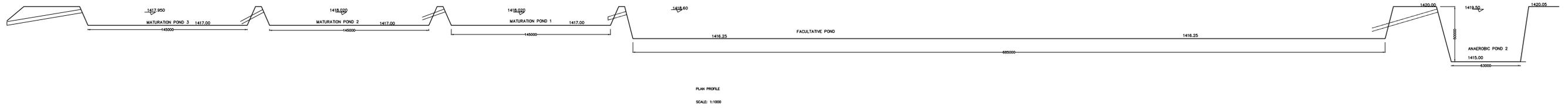
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POND PLAN PROFILE AND SECTION



CLIENT:
ATHI WATER WORKS DEVELOPMENT
AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH
RD OF KIAMBU RD
P.O.BOX 45283-00100, NAIROBI



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**EXPANSION OF DANDORA WASTEWATER TREATMENT
PLANT - PHASE II**

CONTRACT No.
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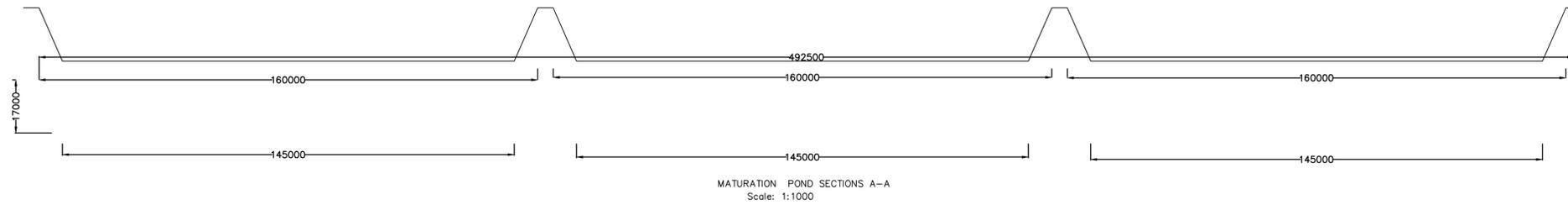
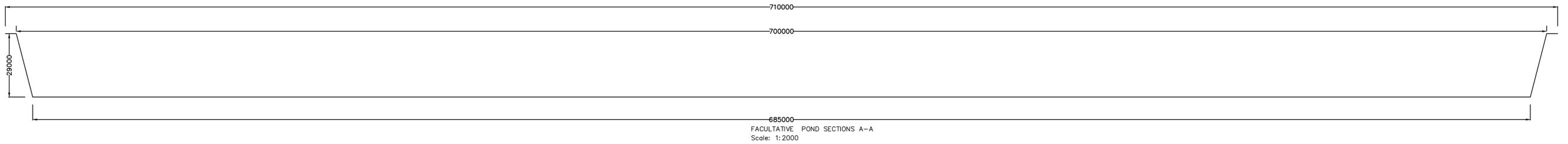
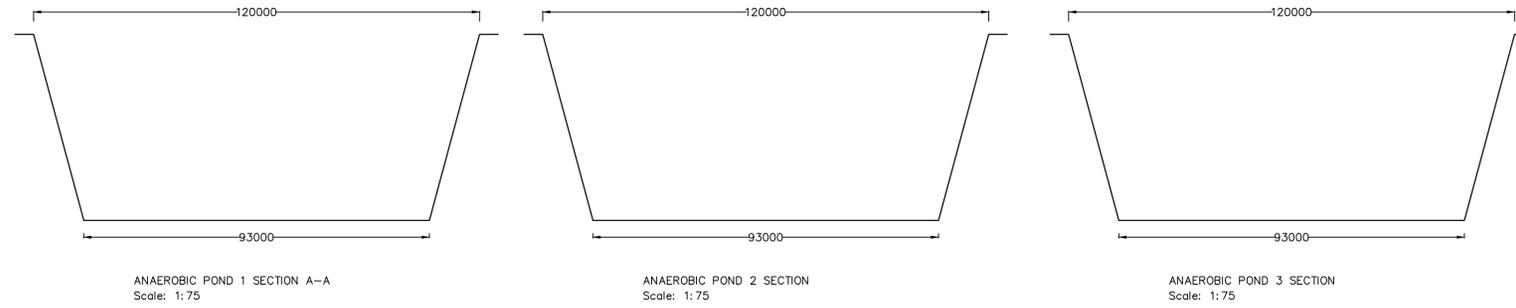
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Approved by

DWG NAME :

DWG No. :

Sheet no. : pp.1 Scale : AS SHOWN



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CLIENT:
 ATHI WATER WORKS DEVELOPMENT
 AGENCY LTD.
 ATHI WATER PLAZA, MUTHAIGA NORTH
 RD OF KIAMBU RD
 P.O.BOX 45283-00100, NAIROBI



FINANCIER:
 GOK

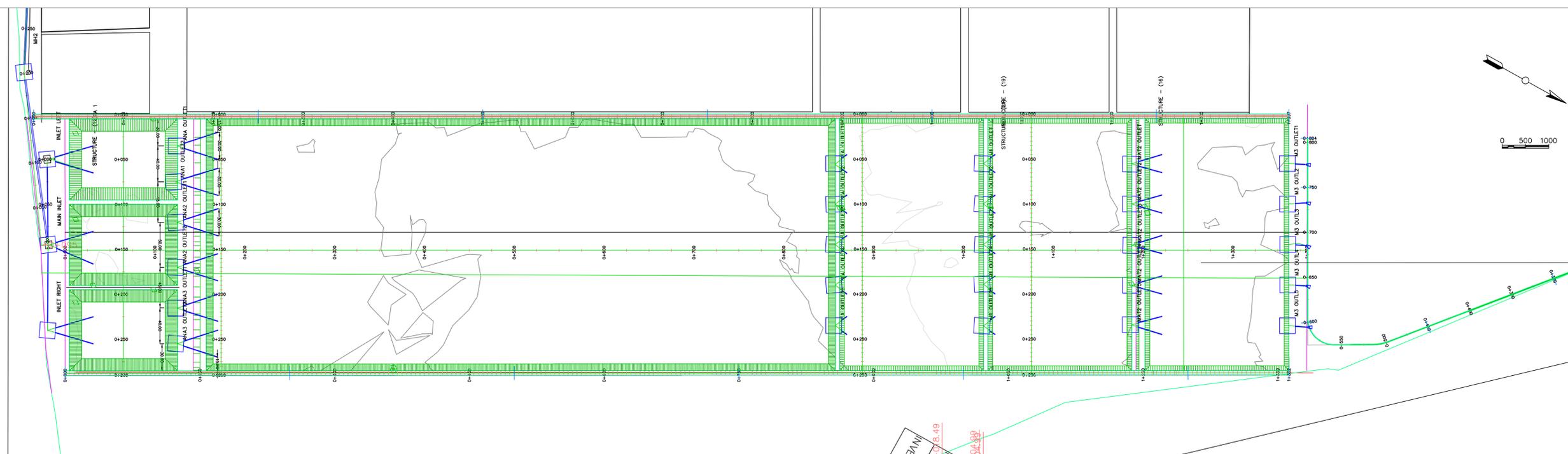


EXPANSION AND REHABILITATION OF DANDORA

CONTRACT No.
 AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

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					Designed by	
					Approved by	DWG No. : Sheet no. : PS_1 Scale : 1:750

POND PROFILES



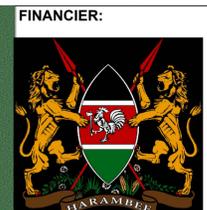
SERIES 10 POND-INVERTS PROFILE

CHAINAGES(M)	GROUND LEVELS(M)	POND TOP LEVEL(M)	POND TOP WATER LEVEL	POND INVERT LEVELS(M)
1473.000	1473.14	1473.000	1473.000	1468.000
0+020	1473.03	1473.000	1473.000	1468.000
0+040	1472.64	1473.000	1473.000	1468.000
0+060	1472.41	1473.000	1473.000	1468.000
0+080	1472.50	1473.000	1473.000	1468.000
0+100	1472.64	1473.000	1473.000	1468.000
0+120	1472.75	1473.000	1473.000	1468.000
0+140	1472.41	1473.000	1473.000	1468.000
0+160	1472.42	1473.000	1473.000	1468.000
0+180	1472.32	1473.000	1473.000	1468.000
0+200	1472.40	1473.000	1473.000	1468.000
0+220	1472.50	1473.000	1473.000	1468.000
0+240	1472.62	1473.000	1473.000	1468.000
0+260	1472.76	1473.000	1473.000	1468.000
0+280	1472.89	1473.000	1473.000	1468.000
0+300	1473.03	1473.000	1473.000	1468.000
0+320	1473.17	1473.000	1473.000	1468.000
0+340	1473.35	1473.000	1473.000	1468.000
0+360	1473.68	1473.000	1473.000	1468.000
0+380	1474.22	1473.000	1473.000	1468.000
0+400	1473.48	1473.000	1473.000	1468.000
0+420	1473.78	1473.000	1473.000	1468.000
0+440	1474.14	1473.000	1473.000	1468.000
0+460	1474.14	1473.000	1473.000	1468.000
0+480	1474.13	1473.000	1473.000	1468.000
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0+520	1474.38	1473.000	1473.000	1468.000
0+540	1474.56	1473.000	1473.000	1468.000
0+560	1474.27	1473.000	1473.000	1468.000
0+580	1474.17	1473.000	1473.000	1468.000
0+600	1474.34	1473.000	1473.000	1468.000
0+620	1474.50	1473.000	1473.000	1468.000
0+640	1474.63	1473.000	1473.000	1468.000
0+660	1474.77	1473.000	1473.000	1468.000
0+680	1474.91	1473.000	1473.000	1468.000
0+700	1474.59	1473.000	1473.000	1468.000
0+720	1474.54	1473.000	1473.000	1468.000
0+740	1474.55	1473.000	1473.000	1468.000
0+760	1474.82	1473.000	1473.000	1468.000
0+780	1474.42	1473.000	1473.000	1468.000
0+800	1473.94	1473.000	1473.000	1468.000
0+820	1472.87	1473.000	1473.000	1468.000
0+840	1472.53	1473.000	1473.000	1468.000
0+860	1472.40	1473.000	1473.000	1468.000
0+880	1472.28	1473.000	1473.000	1468.000
0+900	1471.99	1473.000	1473.000	1468.000
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0+940	1471.23	1473.000	1473.000	1468.000
0+960	1470.90	1473.000	1473.000	1468.000
0+980	1470.69	1473.000	1473.000	1468.000
1+000	1470.50	1473.000	1473.000	1468.000
1+020	1470.33	1473.000	1473.000	1468.000
1+040	1470.51	1473.000	1473.000	1468.000
1+060	1469.74	1473.000	1473.000	1468.000
1+080	1469.44	1473.000	1473.000	1468.000
1+100	1469.57	1473.000	1473.000	1468.000
1+120	1469.66	1473.000	1473.000	1468.000
1+140	1469.70	1473.000	1473.000	1468.000
1+160	1469.51	1473.000	1473.000	1468.000
1+180	1469.75	1473.000	1473.000	1468.000
1+200	1469.41	1473.000	1473.000	1468.000
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1+300	1468.69	1473.000	1473.000	1468.000
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1+340	1468.47	1473.000	1473.000	1468.000
1+360	1468.34	1473.000	1473.000	1468.000
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1+400	1468.34	1473.000	1473.000	1468.000

CLIENT:
ATHI WATER WORKS DEVELOPMENT
AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH
RD OF KIAMBU RD
P.O. BOX 45283-00100, NAIROBI



FINANCIER:
PROJECT ENGINEER/DESIGN ENGINEER:
ATHI WATER WORKS DEVELOPMENT
AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH
RD OF KIAMBU RD
P.O. BOX 45283-00100, NAIROBI

PROJECT:
EXPANSION OF DANDORA WASTEWATER
TREATMENT PLANT - PHASE II

CONTRACT No.
AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED
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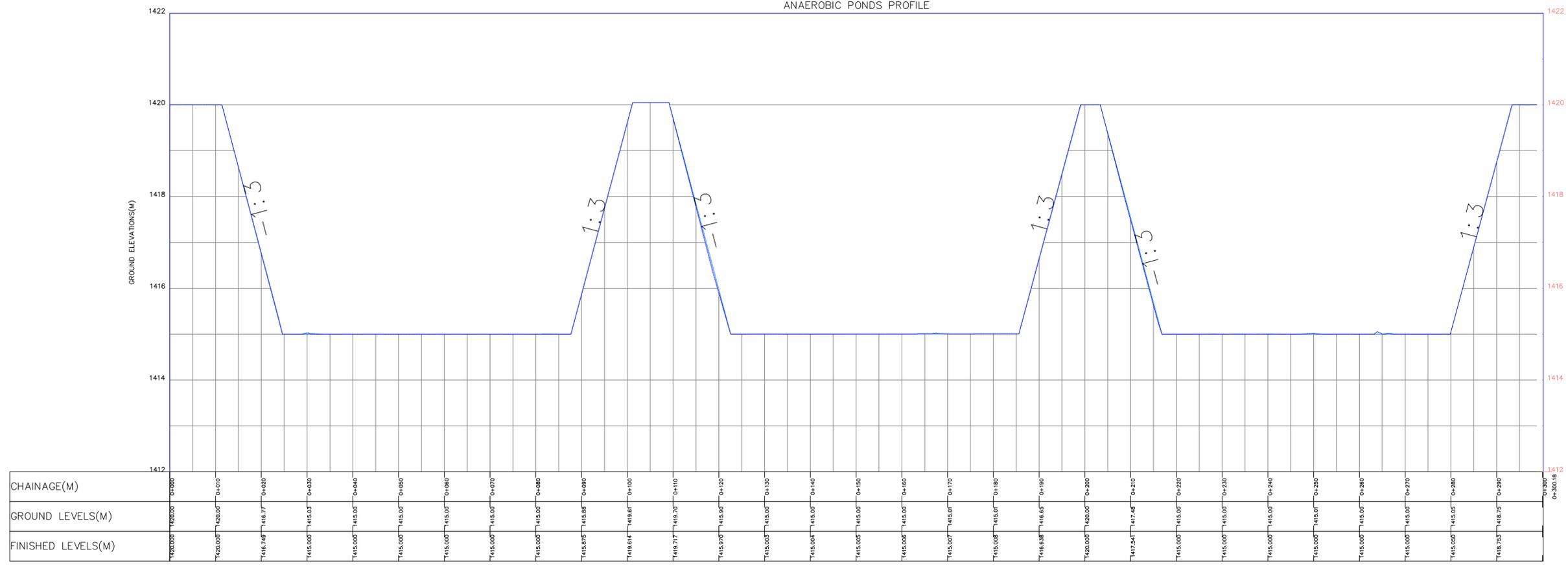
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Sign by Project Manager:

DWG NAME :
POND PAN AND PROFILE

DWG No. : AWWDA-25/MO7/DEWWTP/S10-1
Sheet no. : 2
Scale : 1:2500

ANAEROBIC PONDS PROFILE



CLIENT:
 ATHI WATER WORKS DEVELOPMENT
 AGENCY LTD.
 ATHI WATER PLAZA, MUTHAIGA NORTH
 RD OF KIAMBU RD
 P.O.BOX 45283-00100, NAIROBI



FINANCIER:
 GOK



**EXPANSION AND REHABILITATION OF DANDORA
 ESTATE WASTEWATER TREATMENT PLANT (DEWWTP)**

CONTRACT No.
 AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED

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 Designed by

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 Sign by Project Manager:

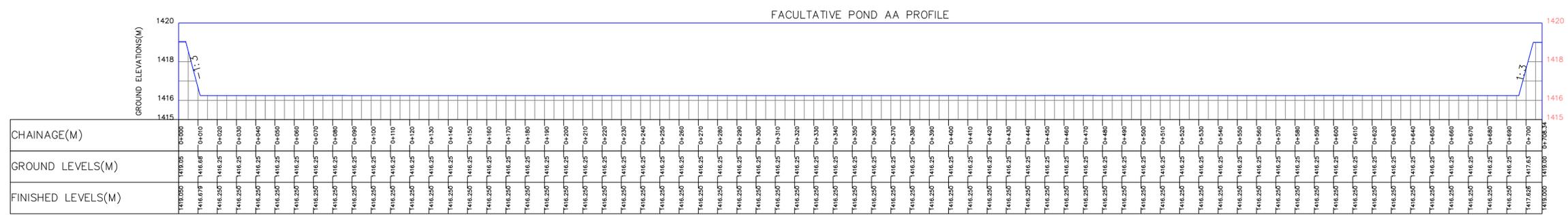
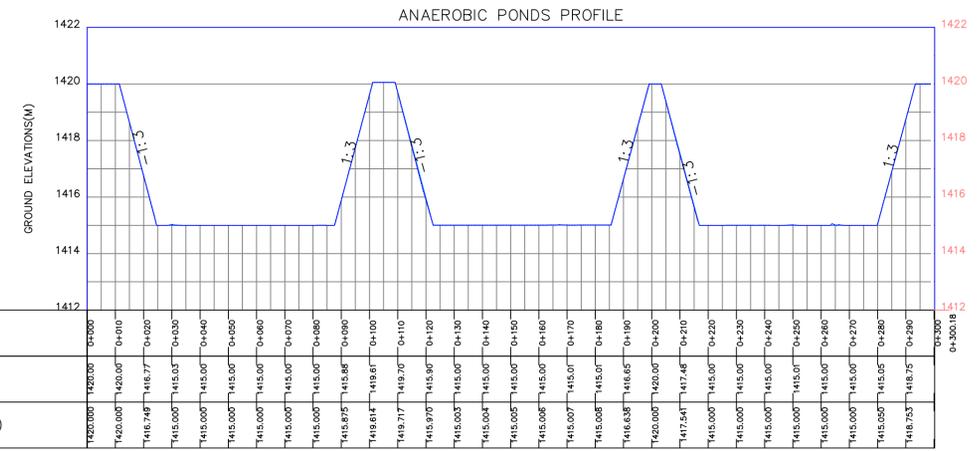
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DWG No. :

Sheet no. : 1

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CLIENT:
 ATHI WATER WORKS DEVELOPMENT
 AGENCY LTD.
 ATHI WATER PLAZA, MUTHAIGA NORTH
 RD OF KIAMBU RD
 P.O. BOX 45283-00100, NAIROBI



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**EXPANSION AND REHABILITATION OF DANDORA
 ESTATE WASTEWATER TREATMENT PLANT (DEWWTP)**

CONTRACT No.
 AWWDA/GOK/DESTP-PH.2/NW-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED

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 Designed by

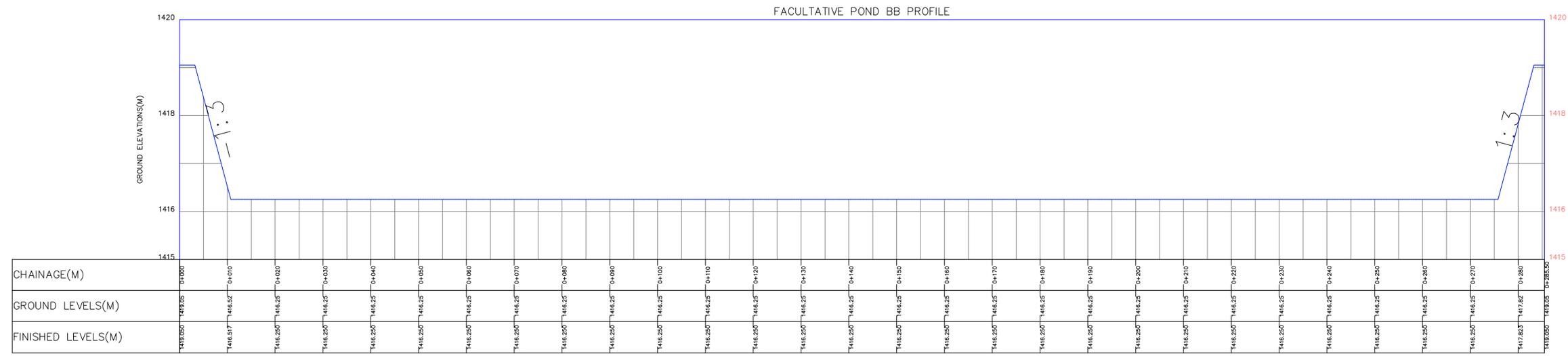
 Sign by Project Manager:
 Approved by

DWG NAME :

DWG No. :

Sheet no. : 2

Scale : AS SHOWN



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 AGENCY LTD.
 ATHI WATER PLAZA, MUTHAIGA NORTH
 RD OF KIAMBU RD
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**EXPANSION OF DANDORA WASTEWATER TREATMENT
 PLANT - PHASE II**

CONTRACT No.
 AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

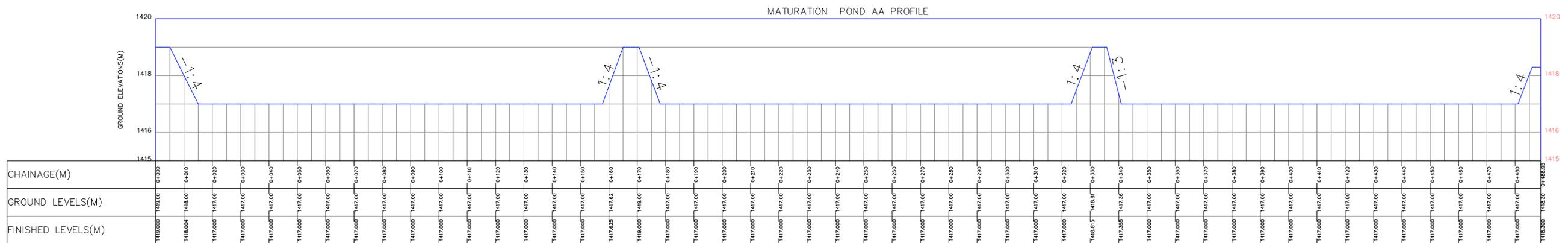
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 Approved by

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 DWG No. :
 Sheet no. : 2/2
 Scale : 1:500



CLIENT:
 ATHI WATER WORKS DEVELOPMENT
 AGENCY LTD.
 ATHI WATER PLAZA, MUTHAIGA NORTH
 RD OF KIAMBU RD
 P.O. BOX 45283-00100, NAIROBI



FINANCIER:
 GOK



**EXPANSION OF DANDORA WASTEWATER TREATMENT
 PLANT - PHASE II**

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 Designed by

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 Drawn by

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 Approved by

DWG NAME :

DWG No. :

Sheet no. : 3

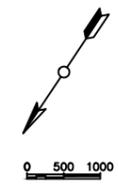
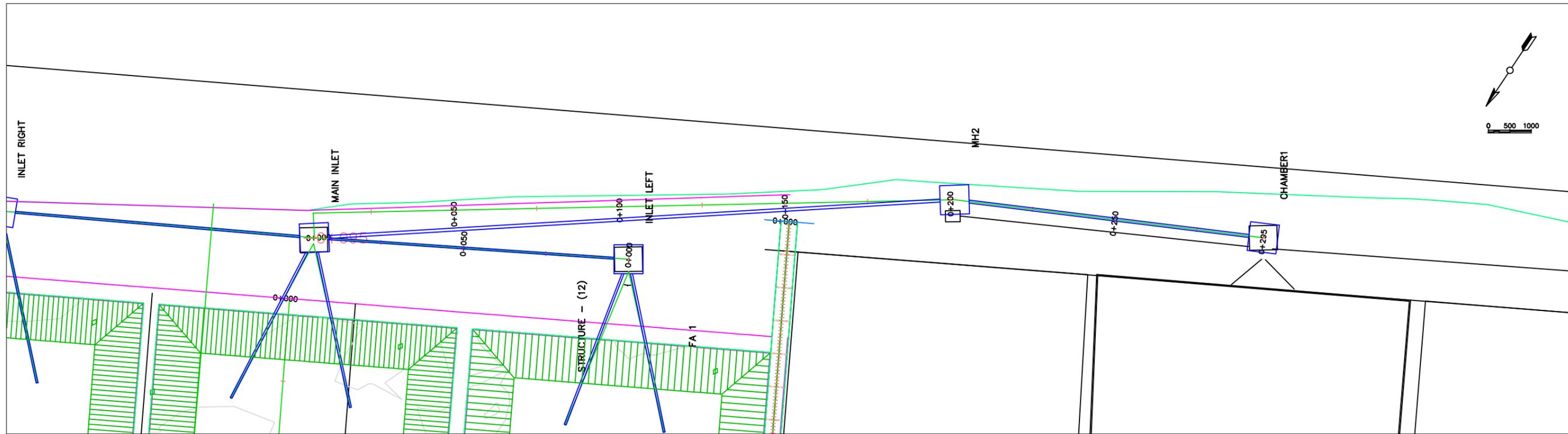
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POND PLAN PROFILE AND SECTION

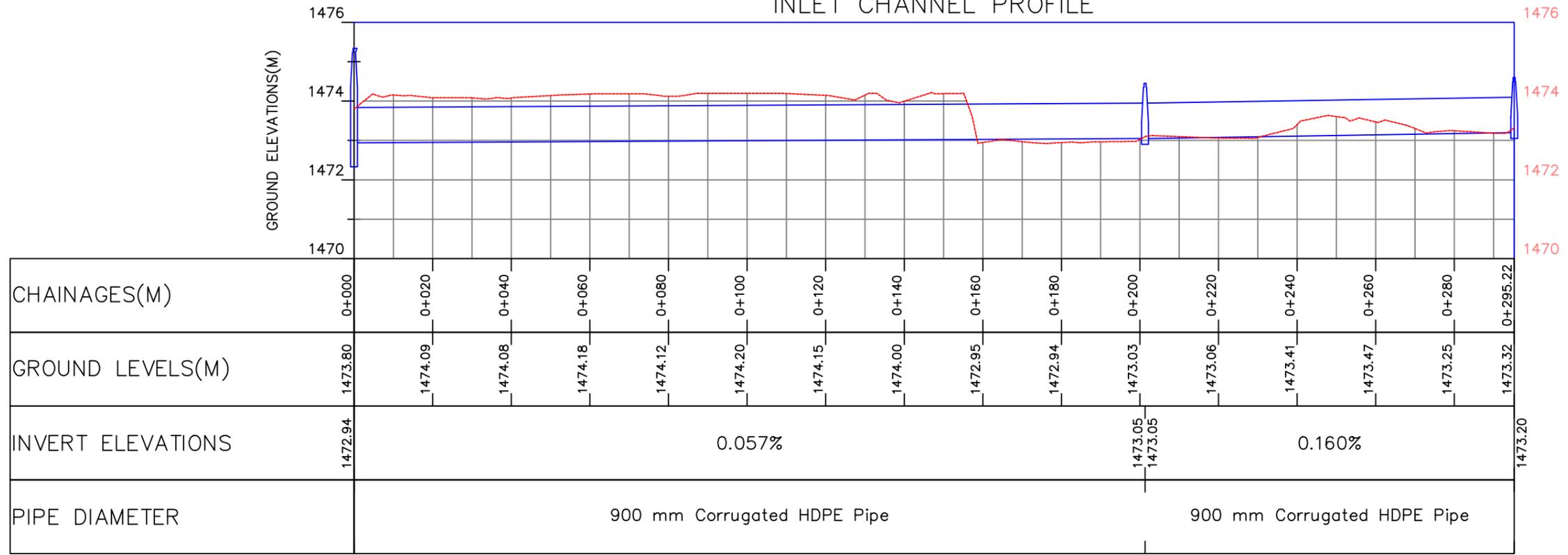
INLET AND OUTLET CHANNEL PROFILES

SERIES 10 POND STEPPED REVISED 2.dwg

16.07.2025



INLET CHANNEL PROFILE



CLIENT:
ATHI WATER WORKS DEVELOPMENT
AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH
RD OF KIAMBU RD
P.O. BOX 45283-00100, NAIROBI



FINANCIER:
GOK

PROJECT ENGINEER/DESIGN ENGINEER:
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ATHI WATER PLAZA, MUTHAIGA NORTH
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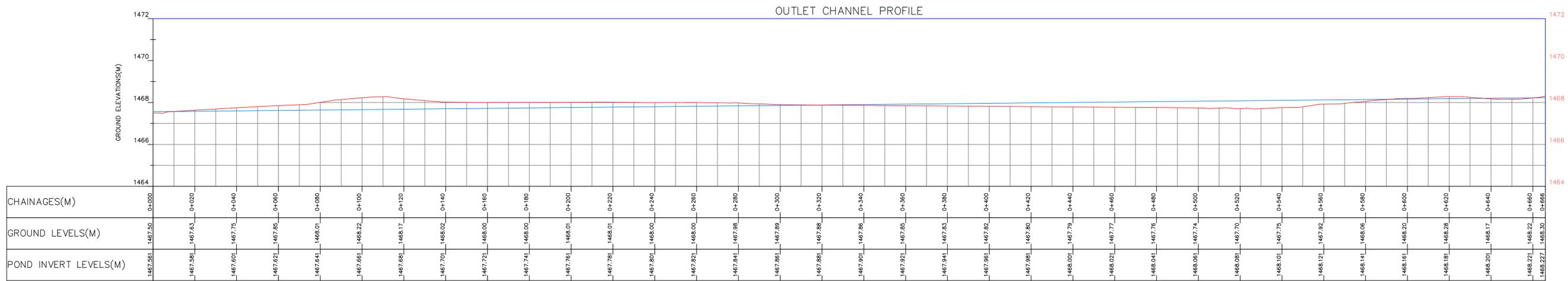
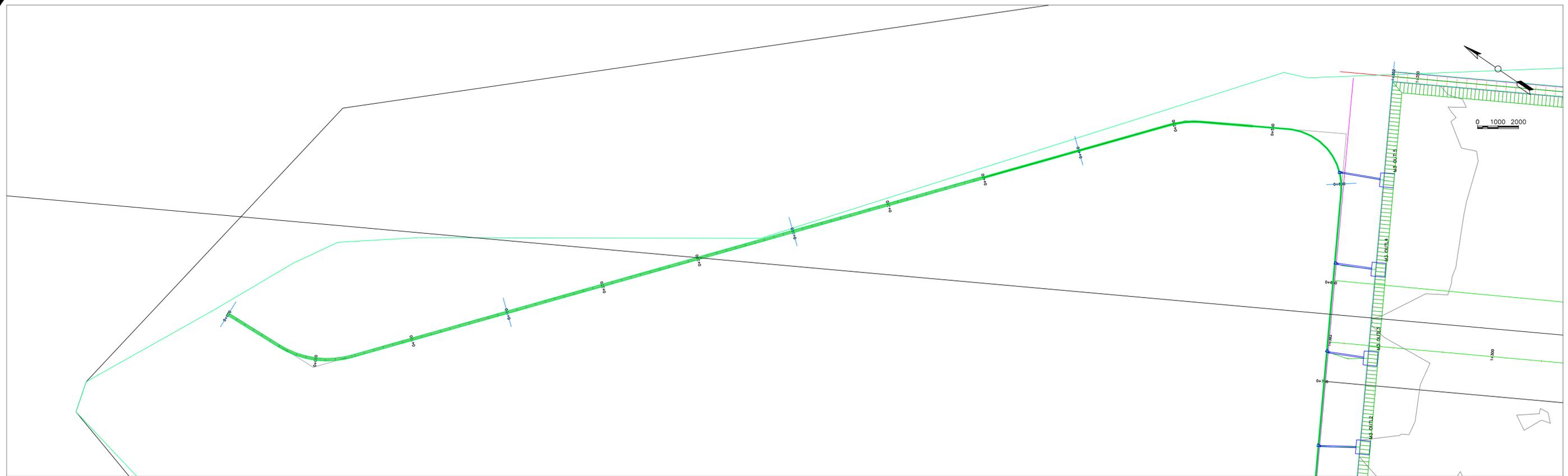
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Sign by Design Eng.:

Sign by Project Manager:

DWG NAME :
INLET CHANNEL PLAN AND PROFILE

DWG No. : AWWDA-25/MO7/DEWWTP/S10-1
Sheet no. : 10 Scale : 1:1250



CLIENT:
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FINANCIER:
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PROJECT ENGINEER/DESIGN ENGINEER:

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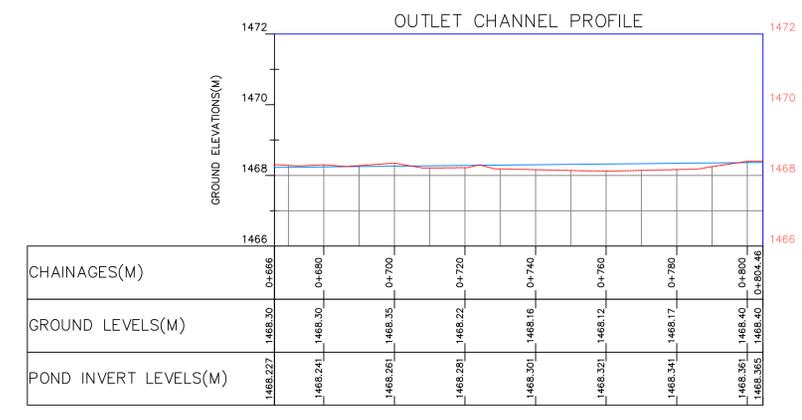
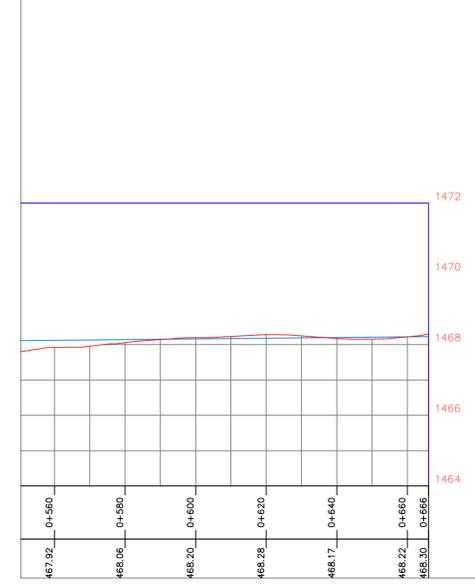
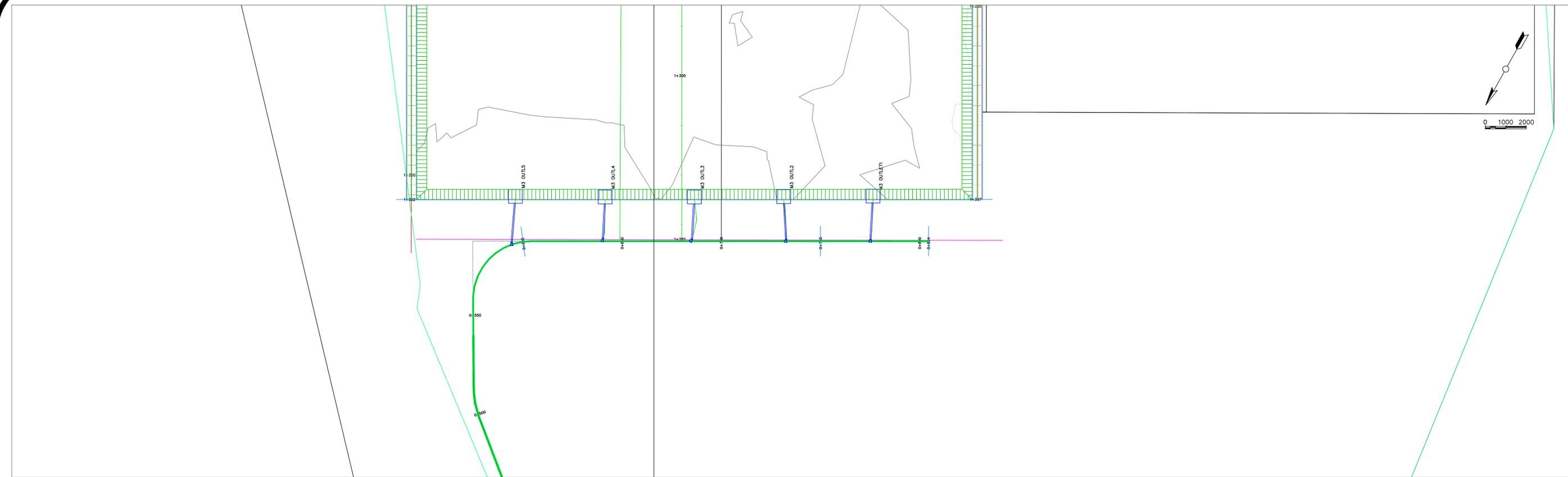
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DWG NAME :
 OUTLET CHANNEL PLAN AND PROFILE

DWG No. : AWWDA-25/MO7/DEWWTP/S10-1
Sheet no. : 8 **Scale :** 1:2000

SERIES 10_POND STEPPED REVISED 2.dwg

16.07.2025



CLIENT:
 ATHI WATER WORKS DEVELOPMENT AGENCY LTD.
 ATHI WATER PLAZA, MUTHAIGA NORTH RD OF KIAMBU RD
 P.O. BOX 45283-00100, NAIROBI

FINANCIER:
 GOK

PROJECT ENGINEER/DESIGN ENGINEER:
 ATHI WATER WORKS DEVELOPMENT AGENCY LTD.
 ATHI WATER PLAZA, MUTHAIGA NORTH RD OF KIAMBU RD
 P.O. BOX 45283-00100, NAIROBI

PROJECT:
 EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT - PHASE II

CONTRACT No.
 AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

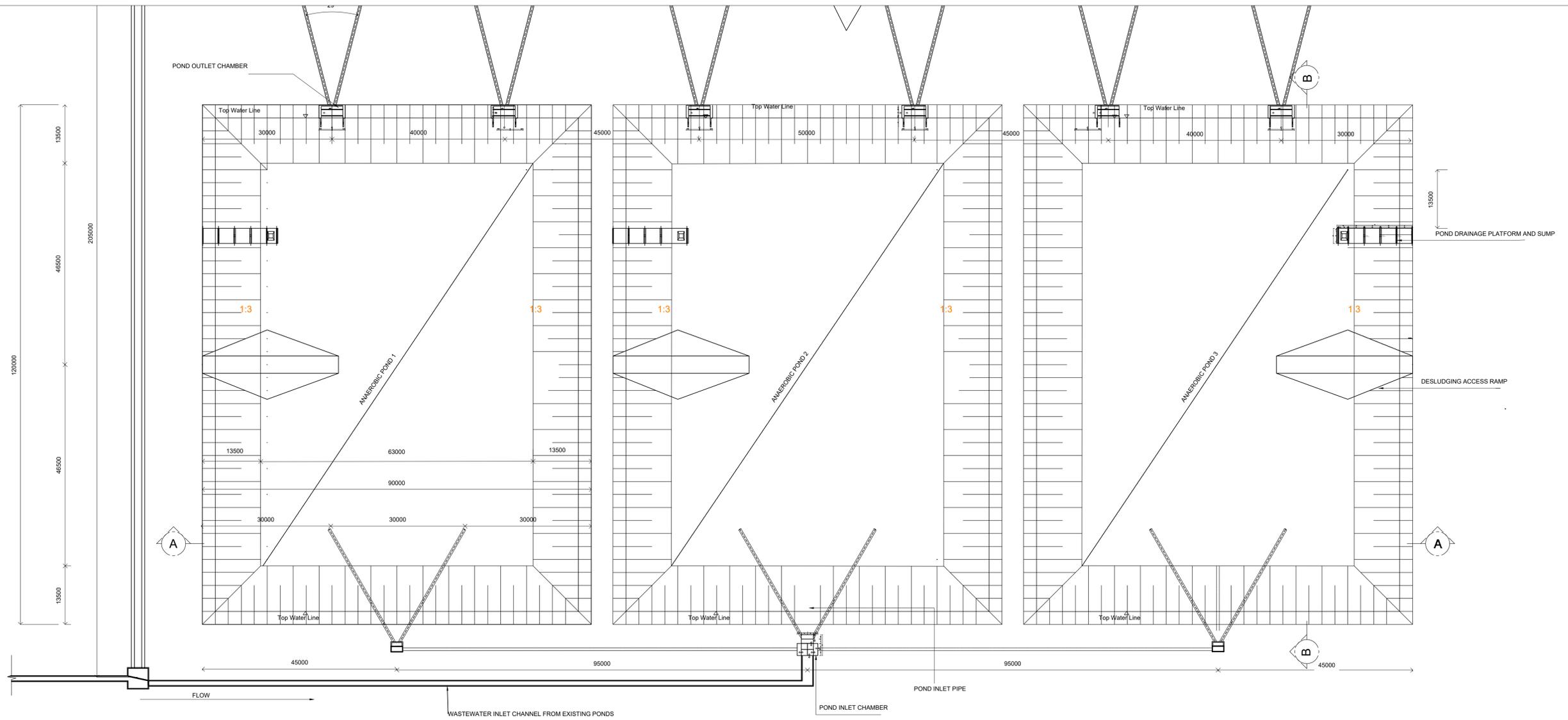
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 Sign by Design Eng.:

 Sign by Project Manager:

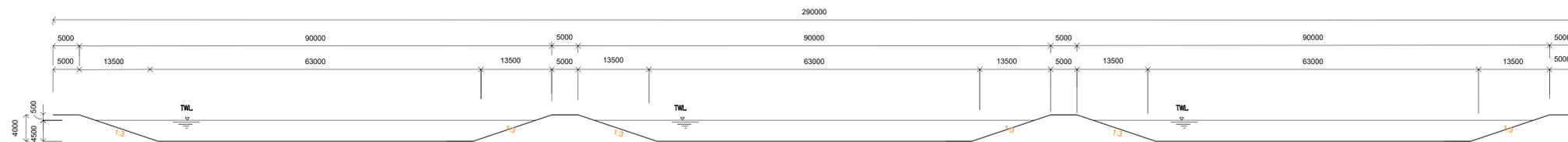
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DWG No. : AWWDA-25/MO7/DEWWTP/S10-1
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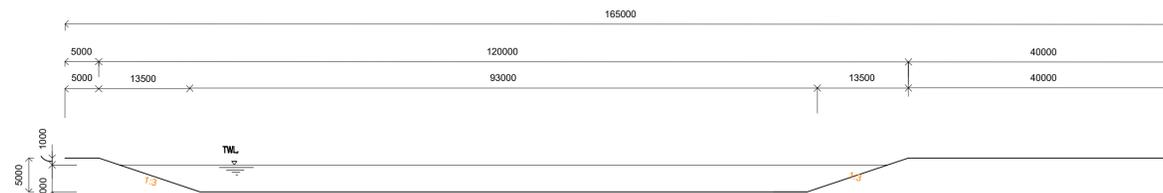
ANAEROBIC PONDS GENERAL LAYOUT

SCALE 1:500



SECTION A-A

SCALE 1:500



SECTION B-B

SCALE 1:500

CLIENT:
ATHI WATER WORKS DEVELOPMENT
AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH
RD OF KIambu RD
P.O. BOX 45283-00100, NAIROBI



FINANCIER:
GOK



EXPANSION OF DANDORA WASTEWATER TREATMENT
PLANT - PHASE II

CONTRACT No.
AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED

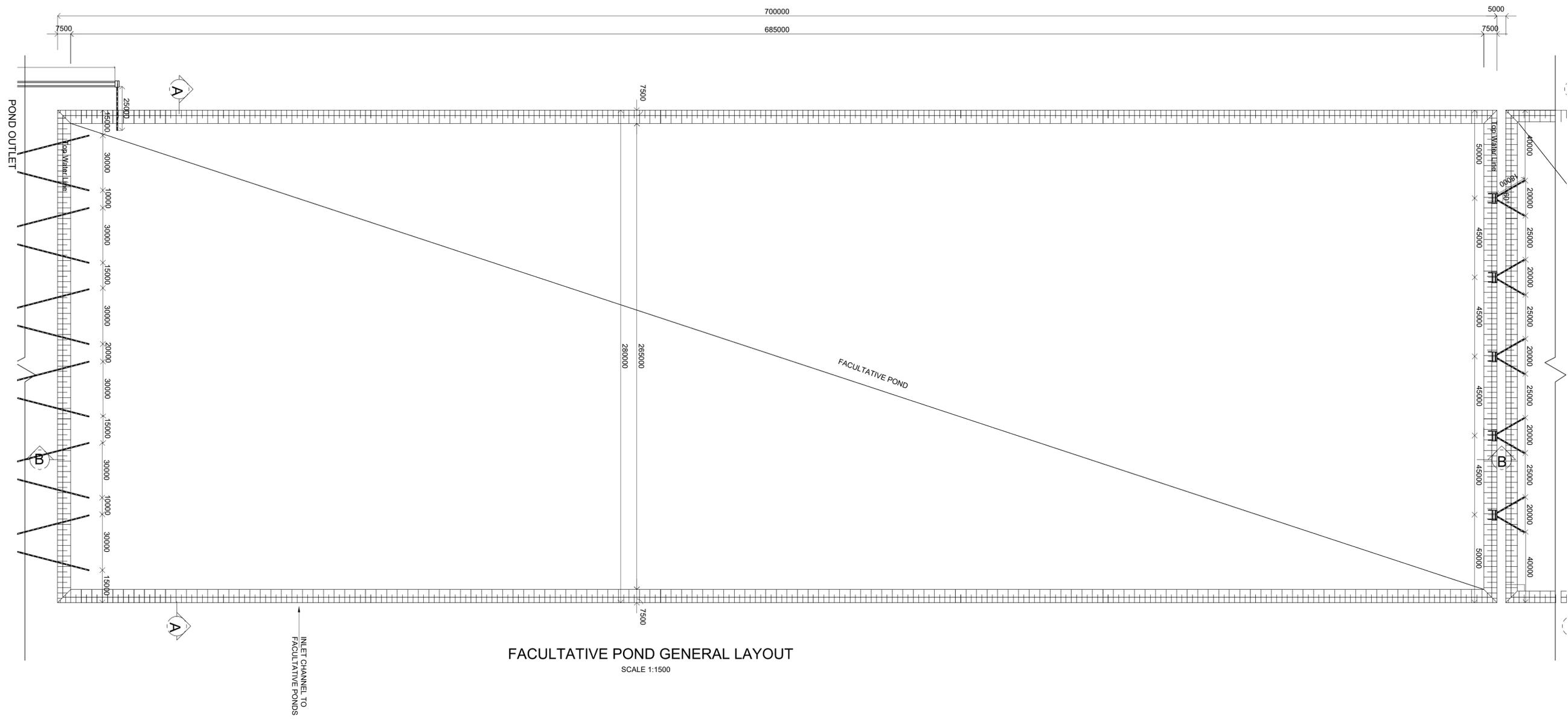
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DWG No. : Sheet no. : 1	Scale : AS SHOWN

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Designed by

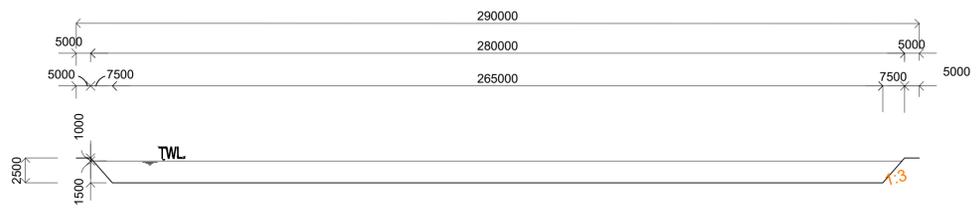
.....
Drawn by

.....
Approved by

18.12.2009 POND_STRUCTURES.dwg



FACULTATIVE POND GENERAL LAYOUT
SCALE 1:1500



SECTION A-A
SCALE 1:1500

CLIENT:
ATHI WATER WORKS DEVELOPMENT AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH RD OF KIAMBU RD
P.O.BOX 45283-00100, NAIROBI



FINANCIER:
GOK



EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT - PHASE II

CONTRACT No.
AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED

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Sign by Design Eng.:

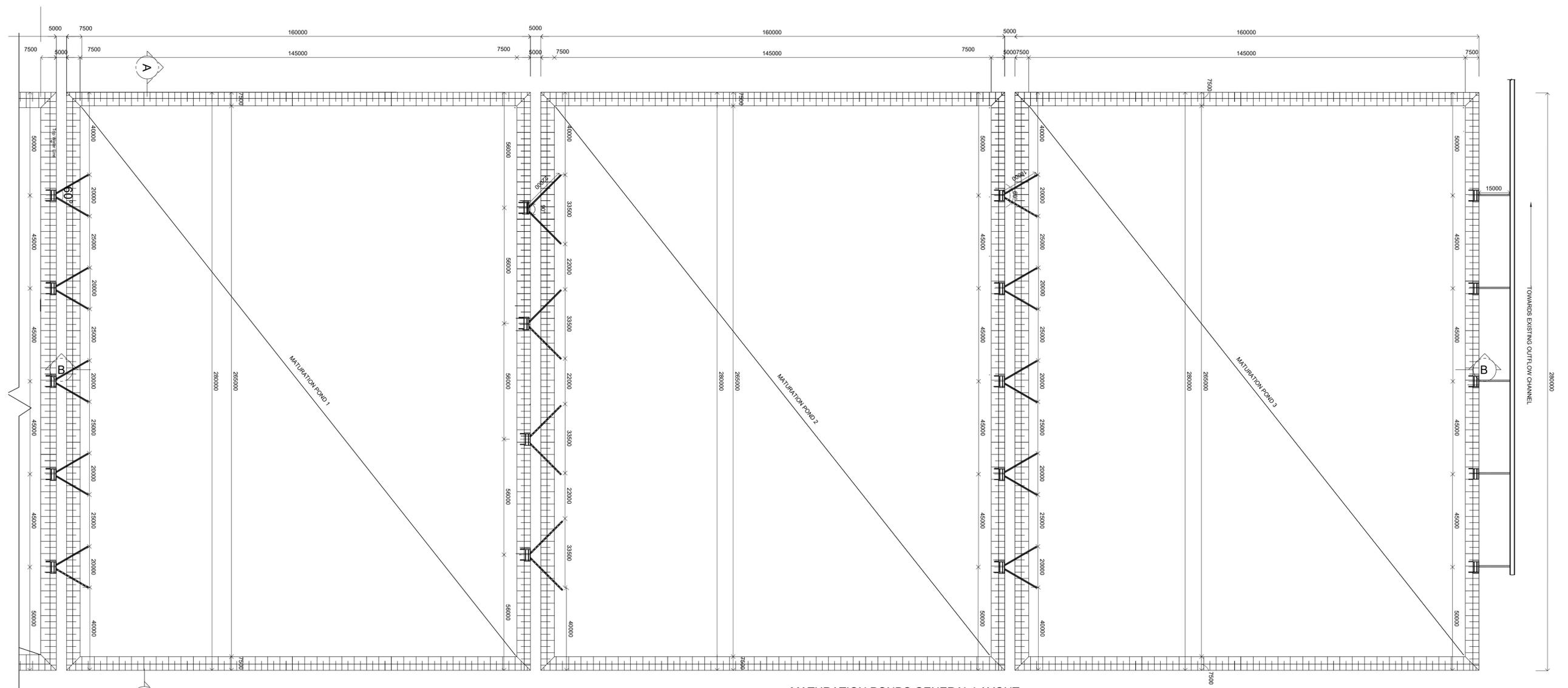
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Sign by Construction Eng.:

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Sign by Project Manager:
FOR CONTRACTOR

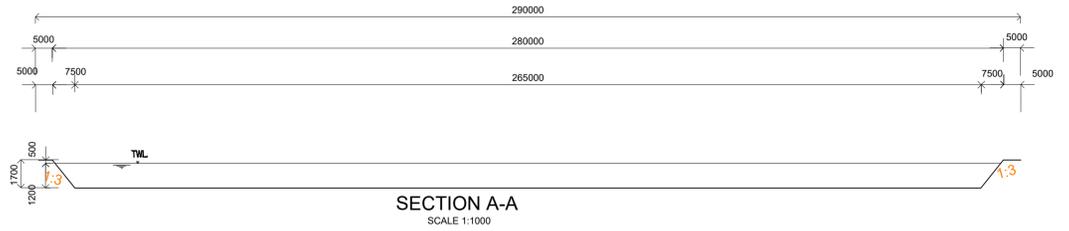
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FACULTATIVE POND LAYOUT

DWG No. :
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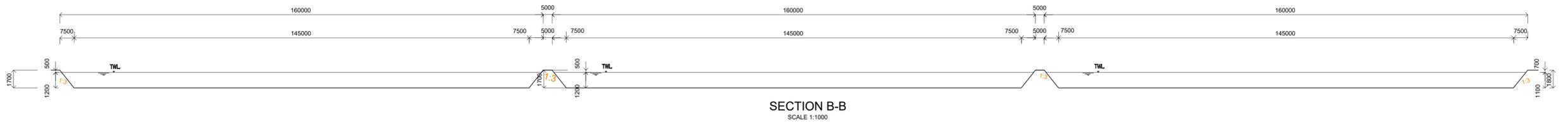
Scale : AS SHOWN



MATURATION PONDS GENERAL LAYOUT
SCALE 1:1000



SECTION A-A
SCALE 1:1000



SECTION B-B
SCALE 1:1000

CLIENT:
ATHI WATER WORKS DEVELOPMENT AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH RD OF KIAMBU RD
P.O. BOX 45283-00100, NAIROBI



EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT - PHASE II

CONTRACT No.
AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED

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Sign by Design Eng.:

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Sign by Construction Eng.:

.....
Sign by Project Manager:

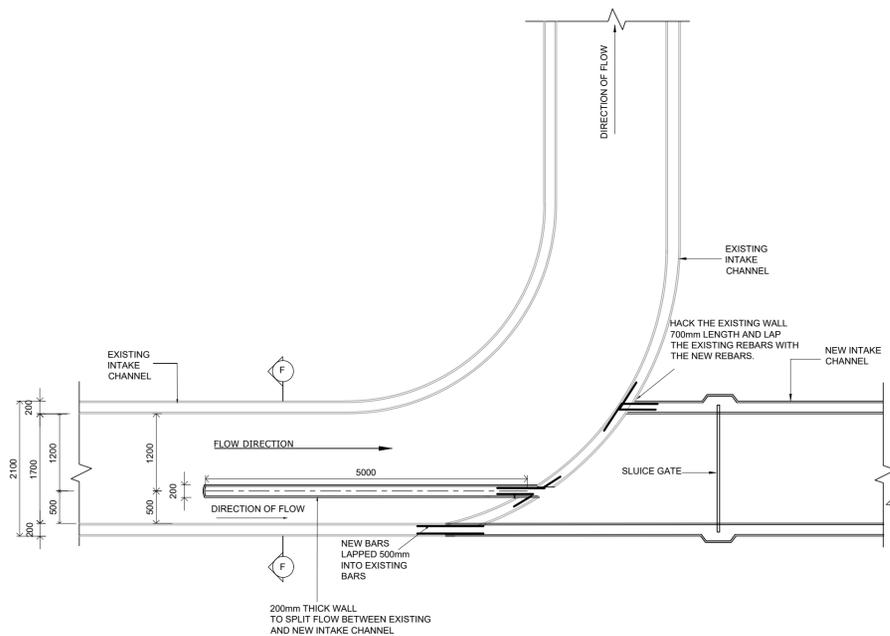
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MATURATION PONDS, LAYOUT AND SECTIONS

DWG No. :
Sheet no. : 3

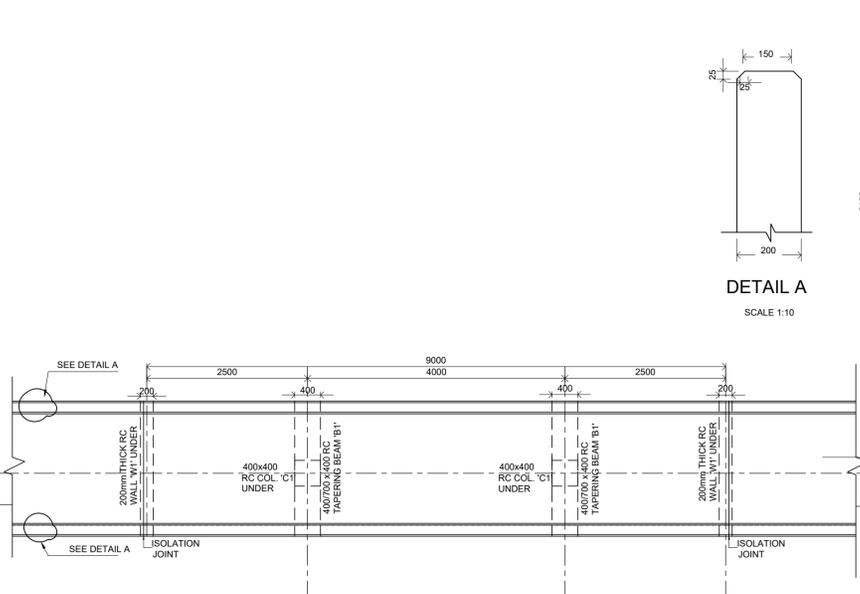
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POND_STRUCTURES_recover.dwg

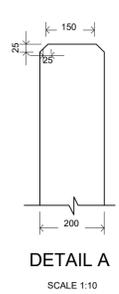
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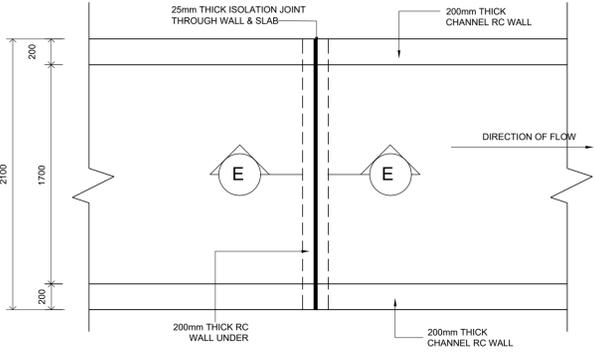
MAIN INTAKE CHANNEL - PLAN AT THE CONNECTION TO THE EXISTING CHANNEL
SCALE 1:50



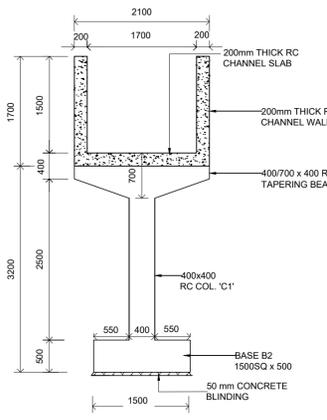
MAIN INTAKE CHANNEL - PLAN ACROSS THE EXISTING TRENCH/STORM DRAIN
SCALE 1:50



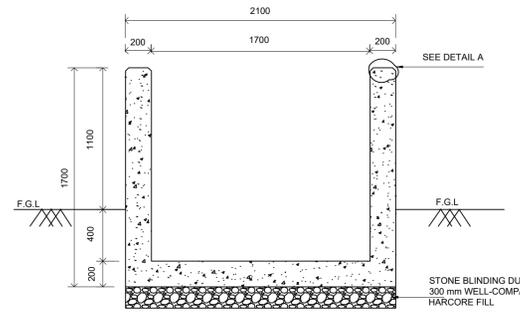
DETAIL A
SCALE 1:10



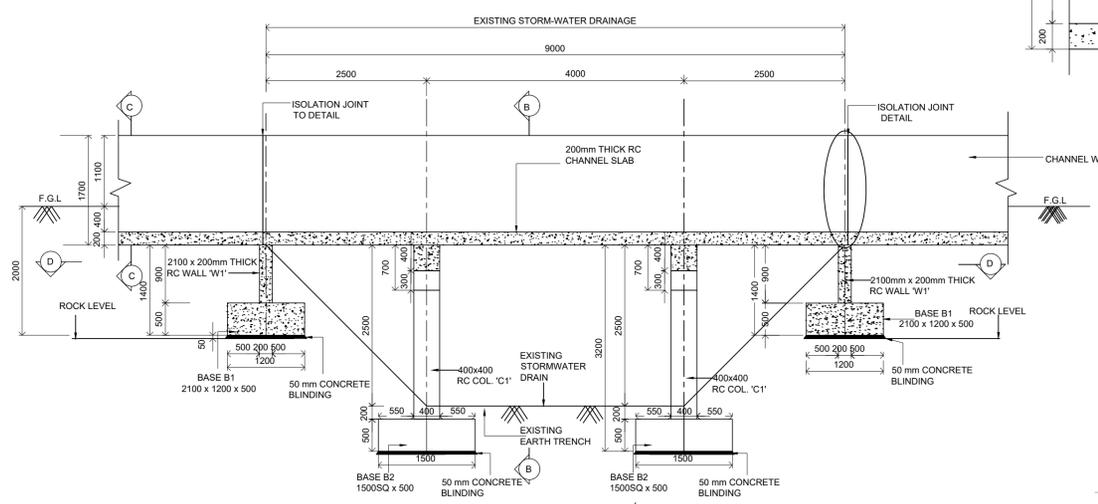
ISOLATION JOINT PLAN
SCALE 1:25



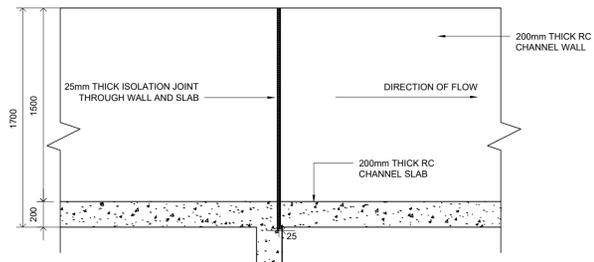
SECTION B-B
SCALE 1:50



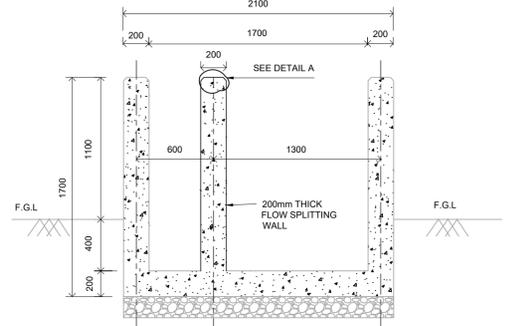
MAIN INTAKE CHANNEL SECTION C-C
SCALE 1:25



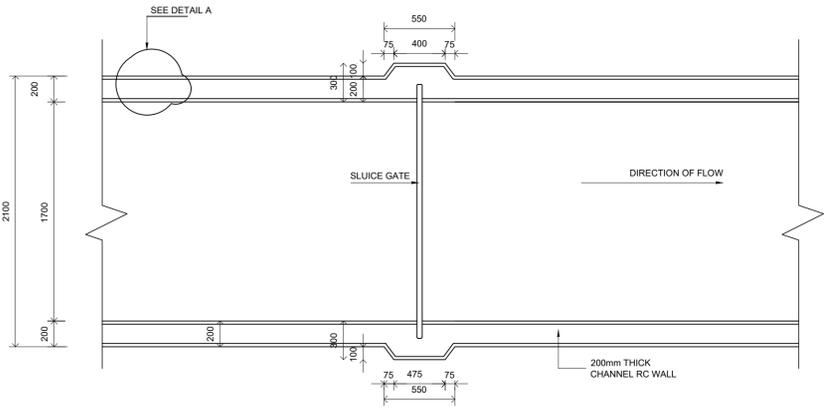
MAIN INTAKE CHANNEL SECTION A-A ACROSS THE EXISTING TRENCH/STORM DRAIN
SCALE 1:50



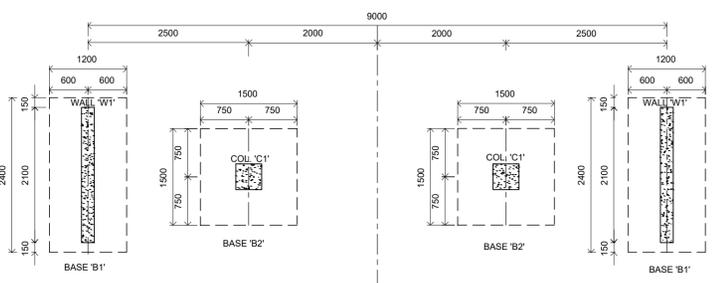
SECTION E-E
SCALE 1:25



SECTION F-F
SCALE 1:25



CHANNEL SLUICE GATE DETAIL
SCALE 1:25



SECTION D-D
SCALE 1:50

BASES SCHEDULE		
BASE NO.	BASE SIZE	NO.
B1	2100 x 1200 x 500	2
B2	1500 x 1500 x 500	2

CLIENT:
ATHI WATER WORKS DEVELOPMENT AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH RD OF KIAMBU RD
P.O. BOX 45283-00100, NAIROBI



FINANCIER:
GOK



EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT - PHASE II

CONTRACT No.
AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

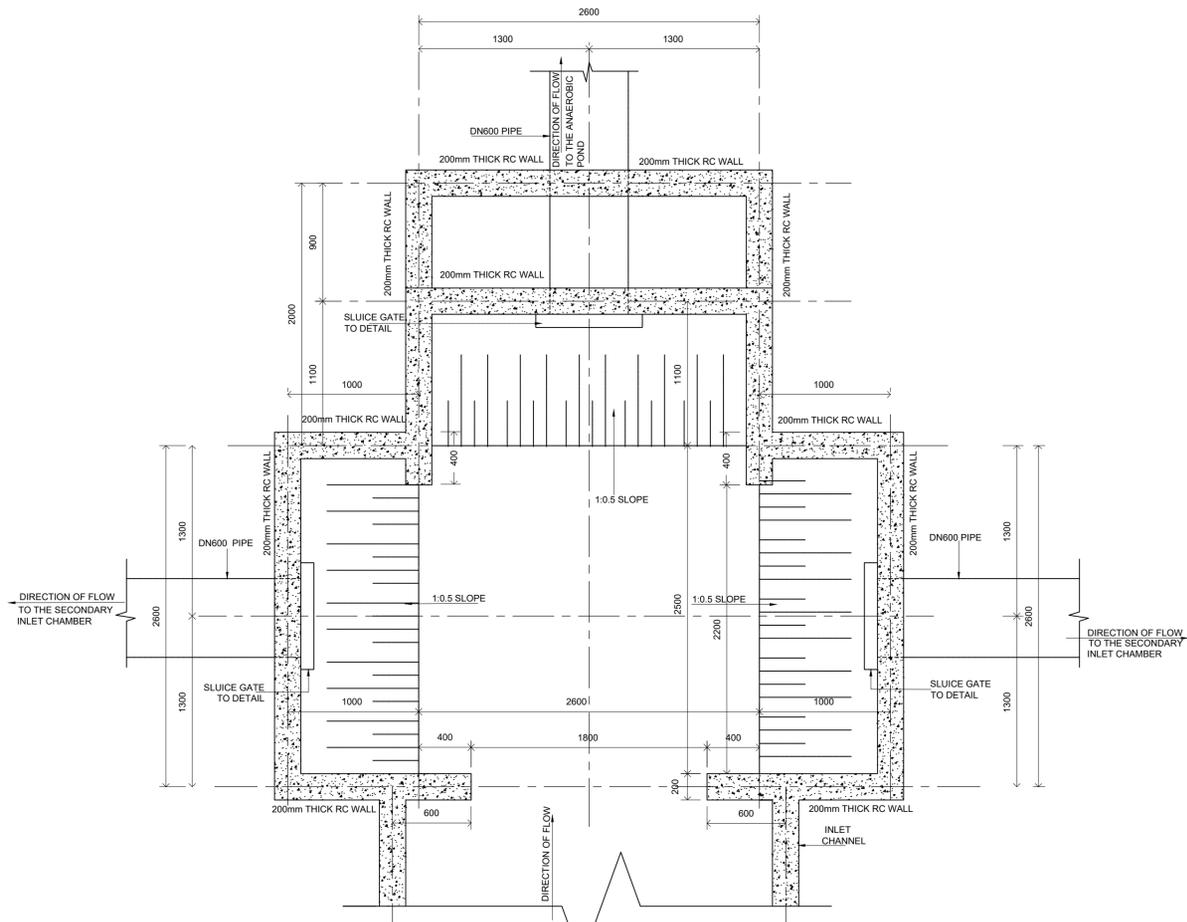
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Sign by Design Eng.:
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Sign by Construction Eng.:
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Sign by Project Manager:
FOR CONTRACTOR

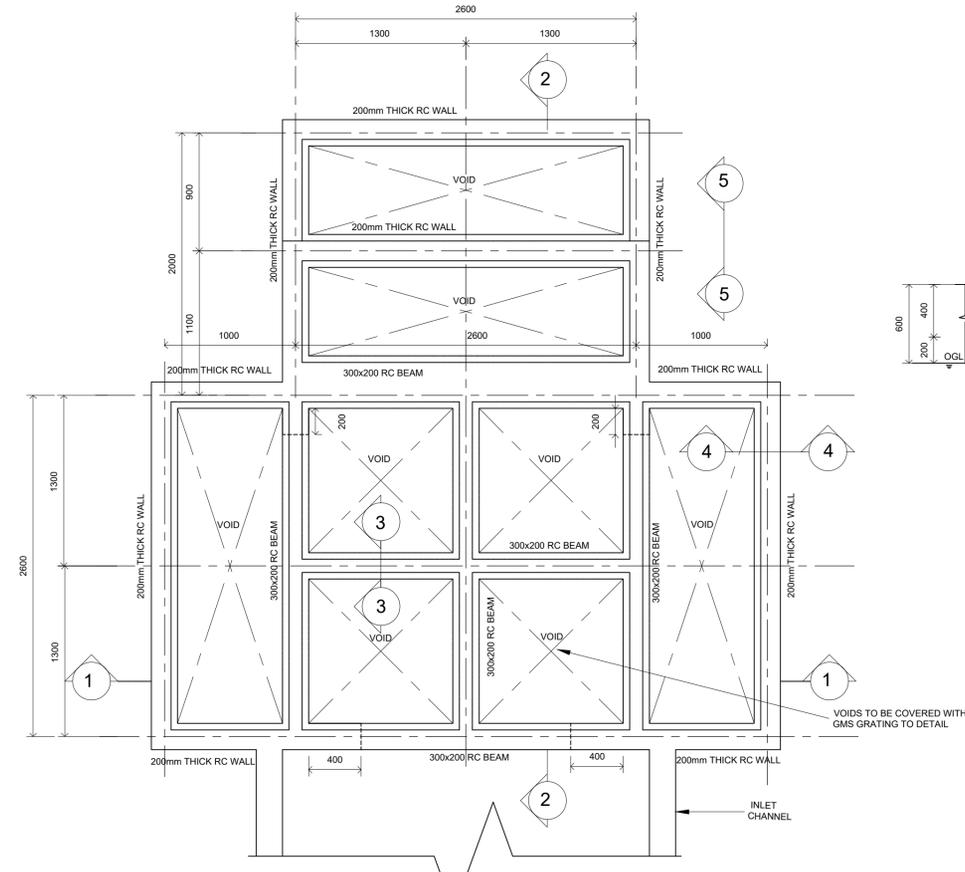
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DWG No. :
Sheet no. : 4

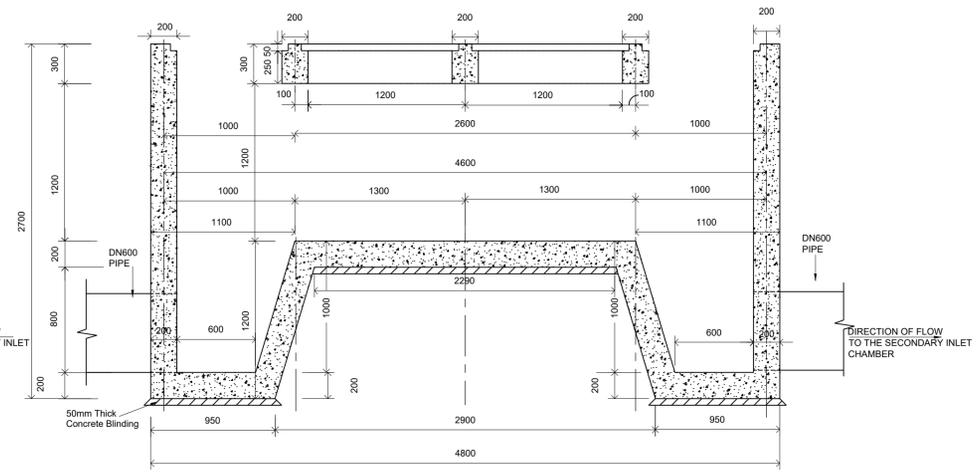
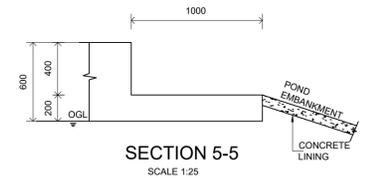
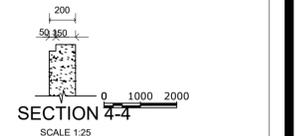
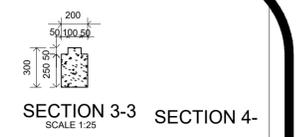
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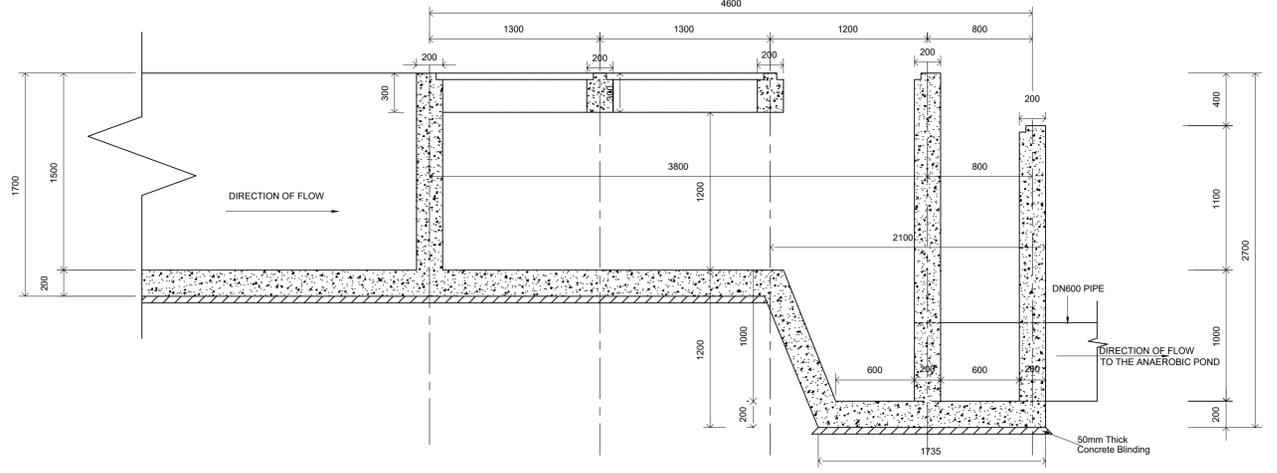
ANAEROBIC PONDS
MAIN INLET CHAMBER - BASE LAYOUT
200mm THICK BASE SLAB
SCALE 1:25



ANAEROBIC PONDS
MAIN INLET CHAMBER - PLAN
SCALE 1:25



SECTION 1-1



SECTION 2-2
SCALE 1:25

CLIENT:
ATHI WATER WORKS DEVELOPMENT
AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH
RD OF KIAMBU RD
P.O. BOX 45283-00100, NAIROBI



**EXPANSION OF DANDORA WASTEWATER TREATMENT
PLANT - PHASE II**

CONTRACT No.
AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED

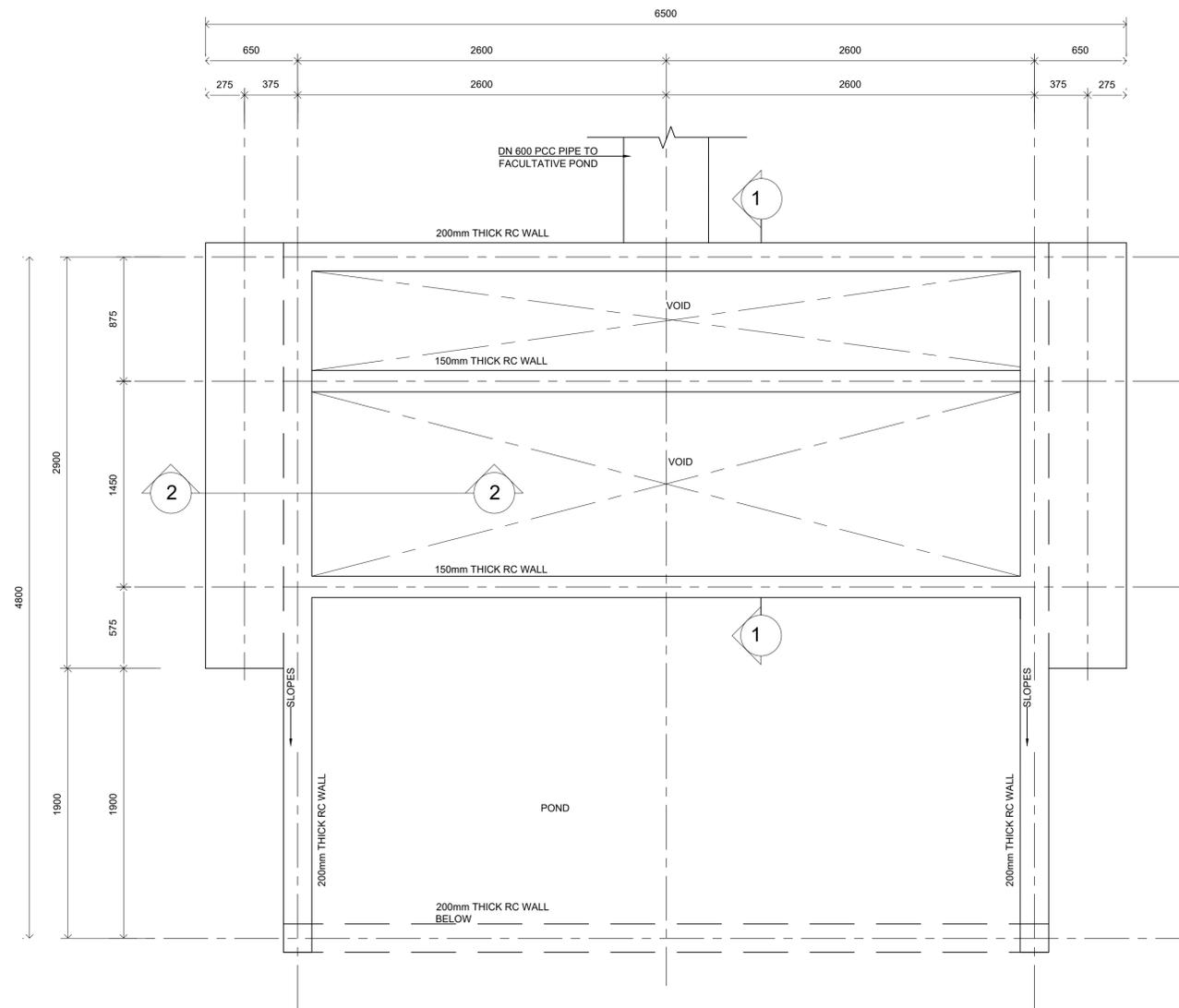
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Sign by Design Eng.:
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Sign by Construction Eng.:
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Sign by Project Manager:

DWG NAME :
**ANAEROBIC POND INLET CHAMBER PLAN AND
SECTIONS**

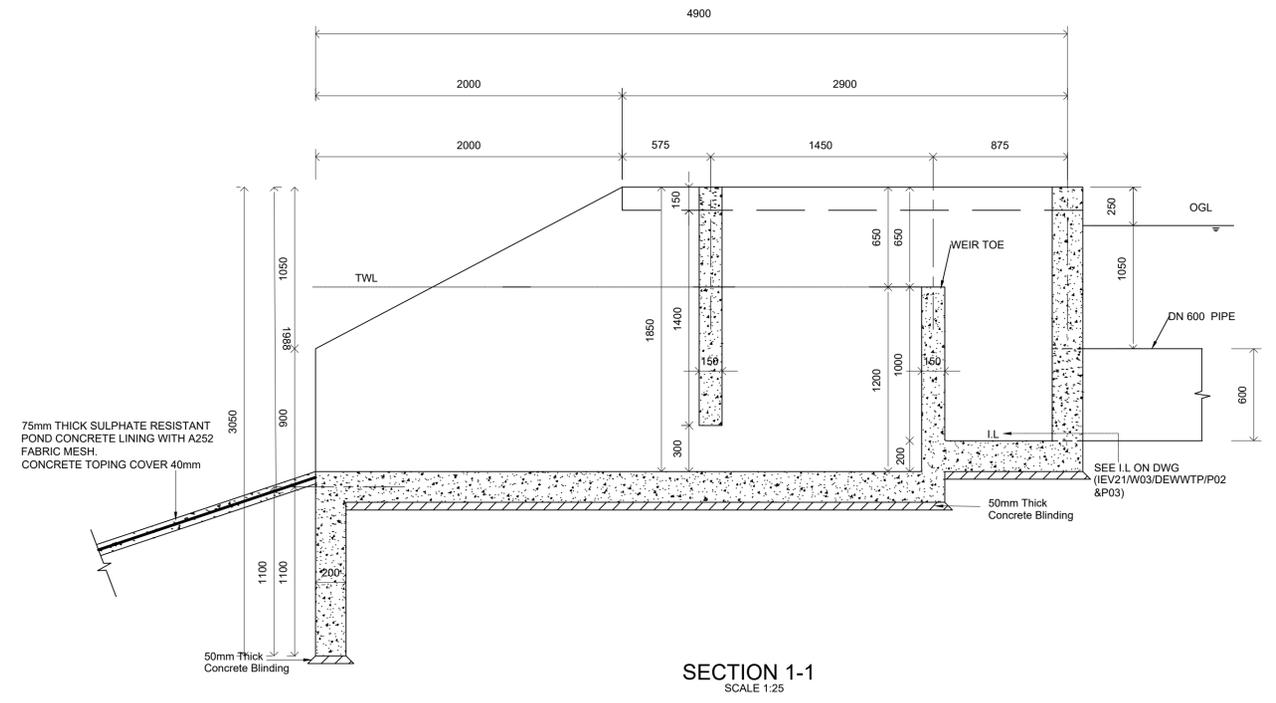
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Sheet no. : 5

Scale : AS SHOWN

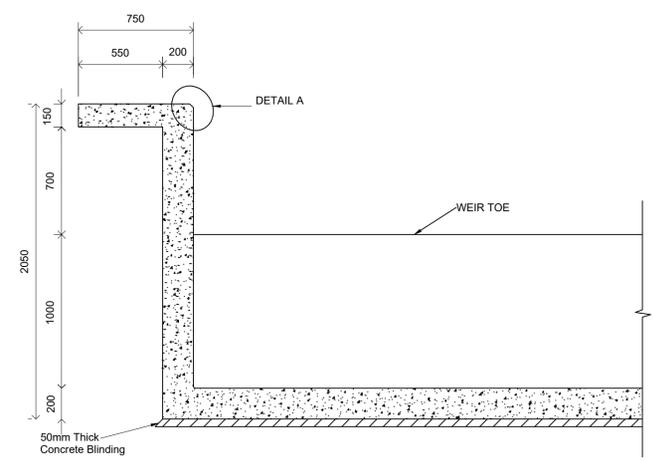
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18.12.2009



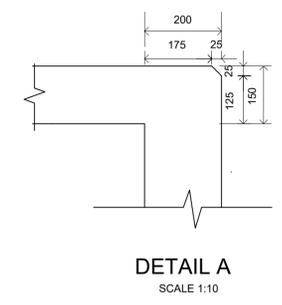
**ANAEROBIC PONDS
OUTLET CHAMBER PLAN
(2No. PER POND)**
SCALE 1:25



SECTION 1-1
SCALE 1:25



SECTION 2-2
SCALE 1:25



DETAIL A
SCALE 1:10

CLIENT:
ATHI WATER WORKS DEVELOPMENT
AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH
RD OF KIAMBU RD
P.O. BOX 45283-00100, NAIROBI



FINANCIER:
GOK



**EXPANSION OF DANDORA WASTEWATER TREATMENT
PLANT - PHASE II**

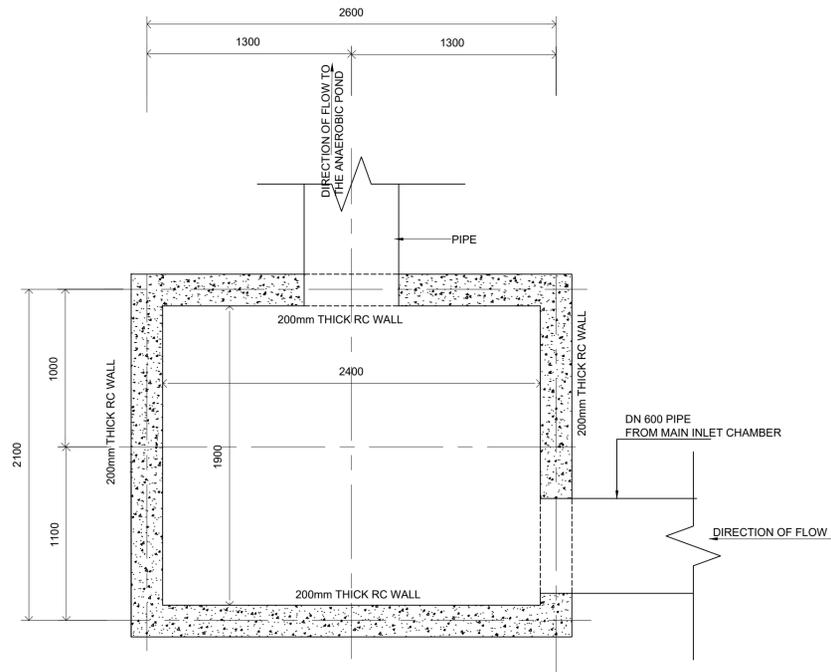
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AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

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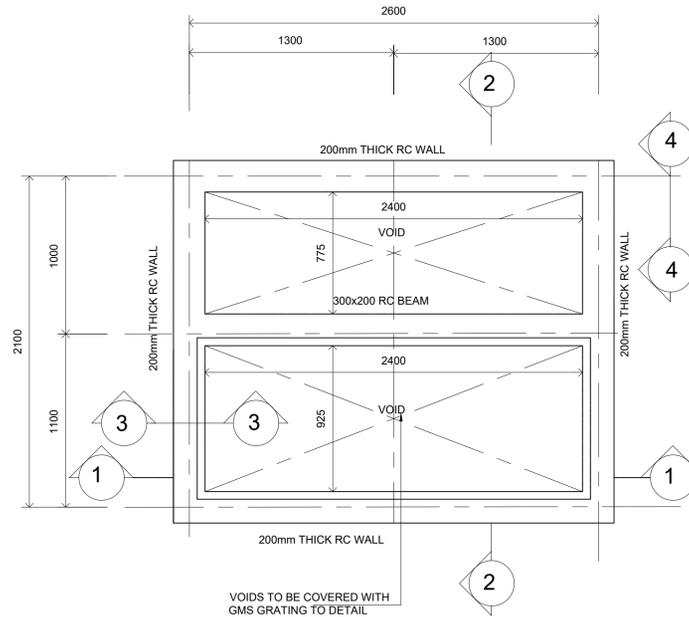
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Sign by Design Eng.:
.....
Sign by Construction Eng.:
.....
Sign by Project Manager:

DWG NAME :
**ANAEROBIC POND OUTLET CHAMBER PLAN
AND SECTIONS**

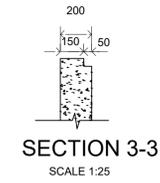
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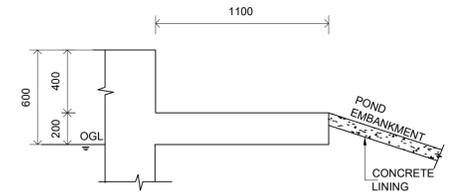
ANAEROBIC PONDS
SECONDARY INLET CHAMBER
BASE SLAB LAYOUT
(200mm THICK)
SCALE 1:25



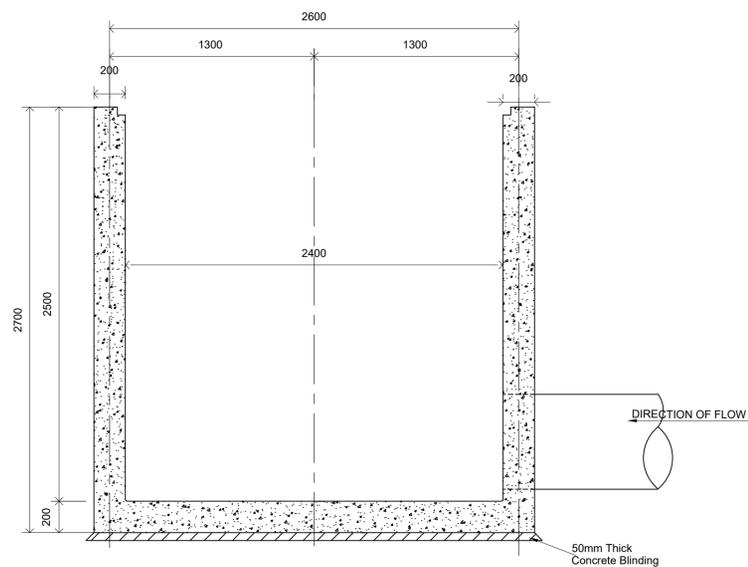
ANAEROBIC PONDS
SECONDARY INLET CHAMBER
TOP PLAN LAYOUT
SCALE 1:25



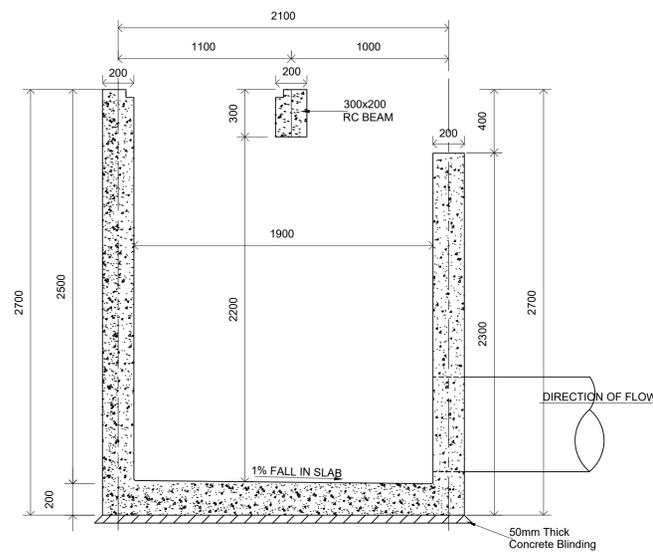
SECTION 3-3
SCALE 1:25



SECTION 4-4
SCALE 1:25



SECTION 1-1
SCALE 1:25



SECTION 2-2
SCALE 1:25

CLIENT:
ATHI WATER WORKS DEVELOPMENT
AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH
RD OF KIAMBU RD
P.O. BOX 45283-00100, NAIROBI



FINANCIER:
GOK



EXPANSION OF DANDORA WASTEWATER TREATMENT
PLANT - PHASE II

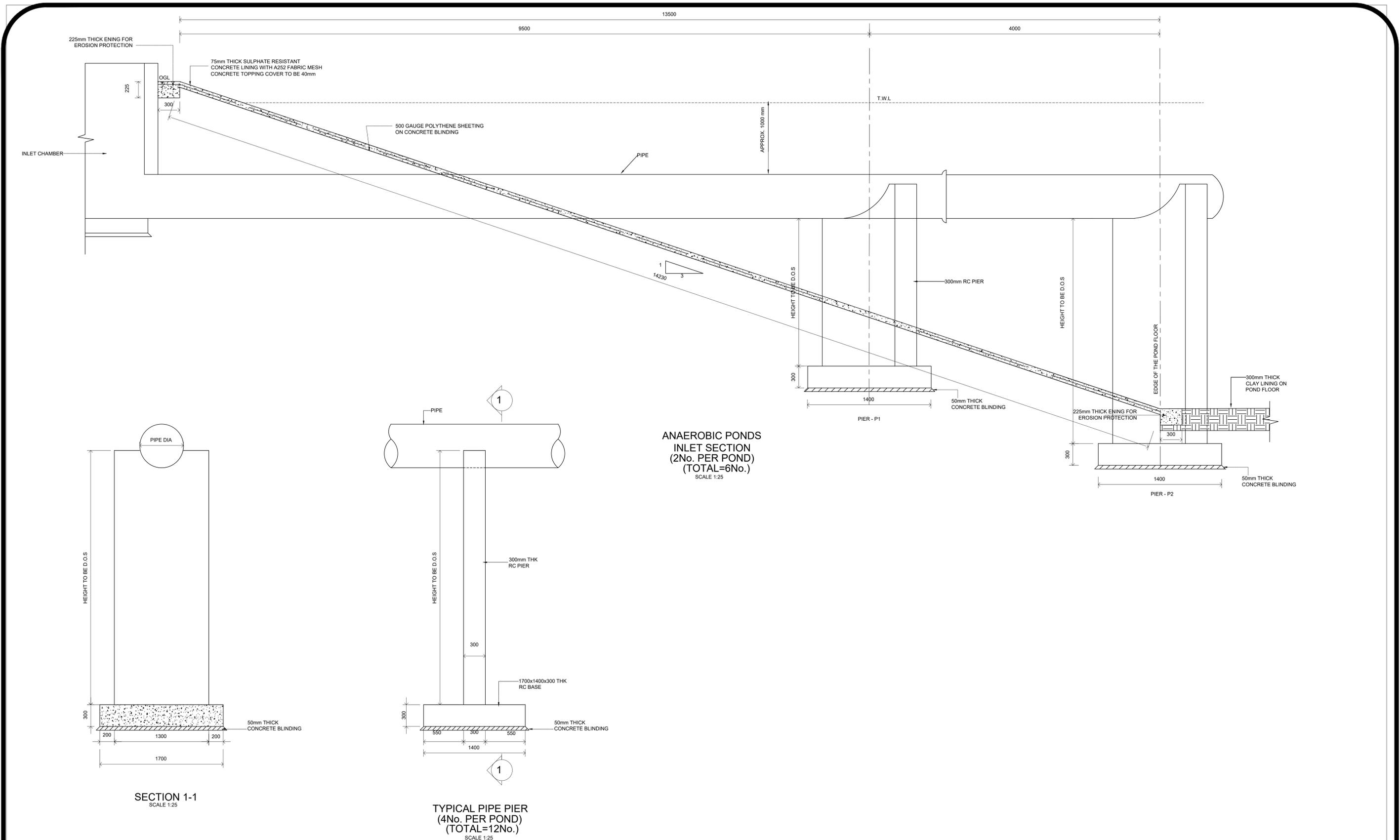
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AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED

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DWG No. :	Sheet no. : 7
Scale :	AS SHOWN

18.12.2009 POND_STRUCTURES.dwg

5-Mar-25 POND_STRUCTURES.dwg



**ANAEROBIC PONDS
INLET SECTION
(2No. PER POND)
(TOTAL=6No.)
SCALE 1:25**

**SECTION 1-1
SCALE 1:25**

**TYPICAL PIPE PIER
(4No. PER POND)
(TOTAL=12No.)
SCALE 1:25**

CLIENT:
ATHI WATER WORKS DEVELOPMENT
AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH
RD OF KIAMBU RD
P.O. BOX 45283-00100, NAIROBI



FINANCIER:
GOK



**EXPANSION OF DANDORA WASTEWATER TREATMENT
PLANT - PHASE II**

CONTRACT No.
AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED

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Sign by Design Eng.:

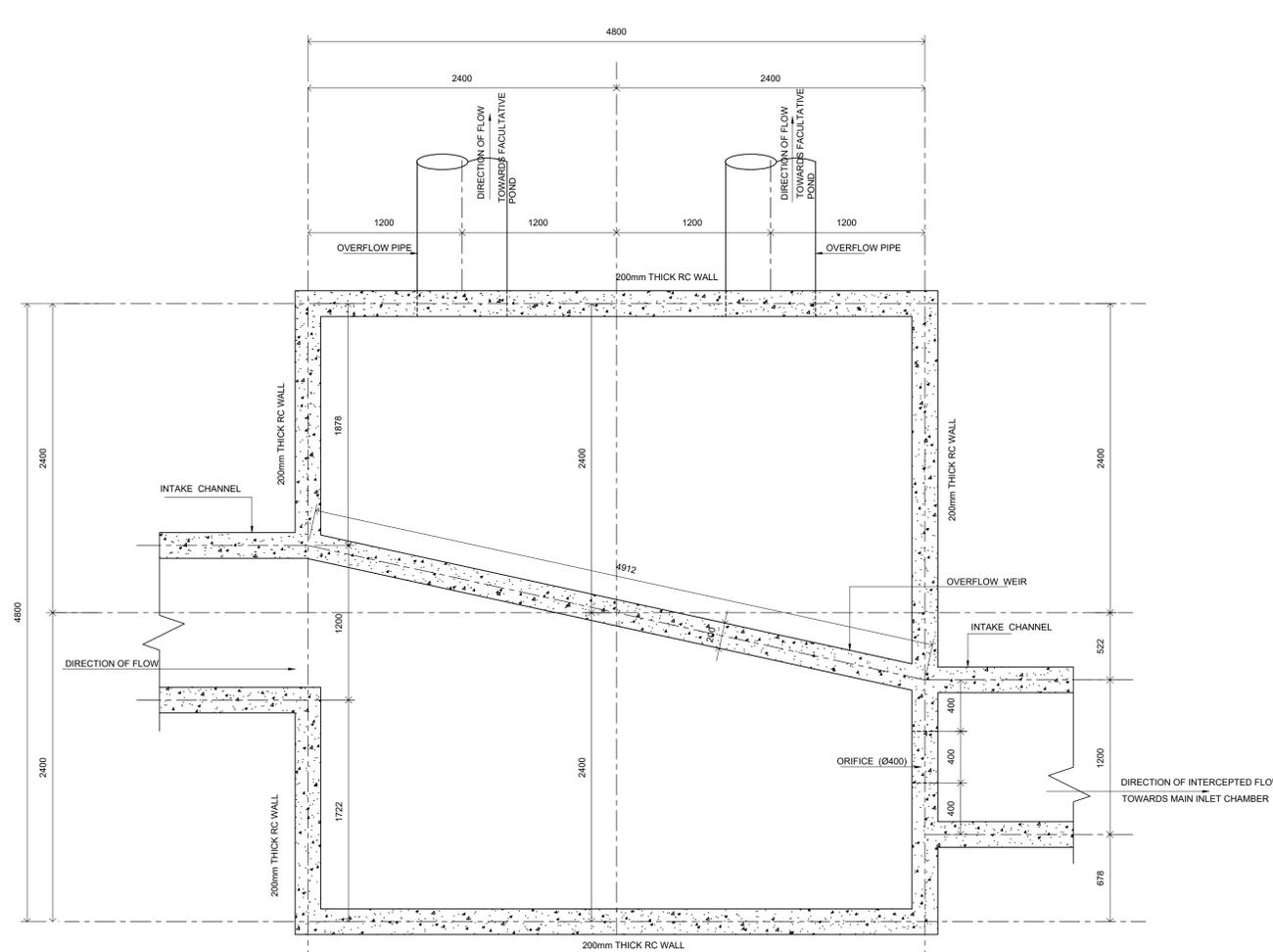
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Sign by Construction Eng.:

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Sign by Project Manager:

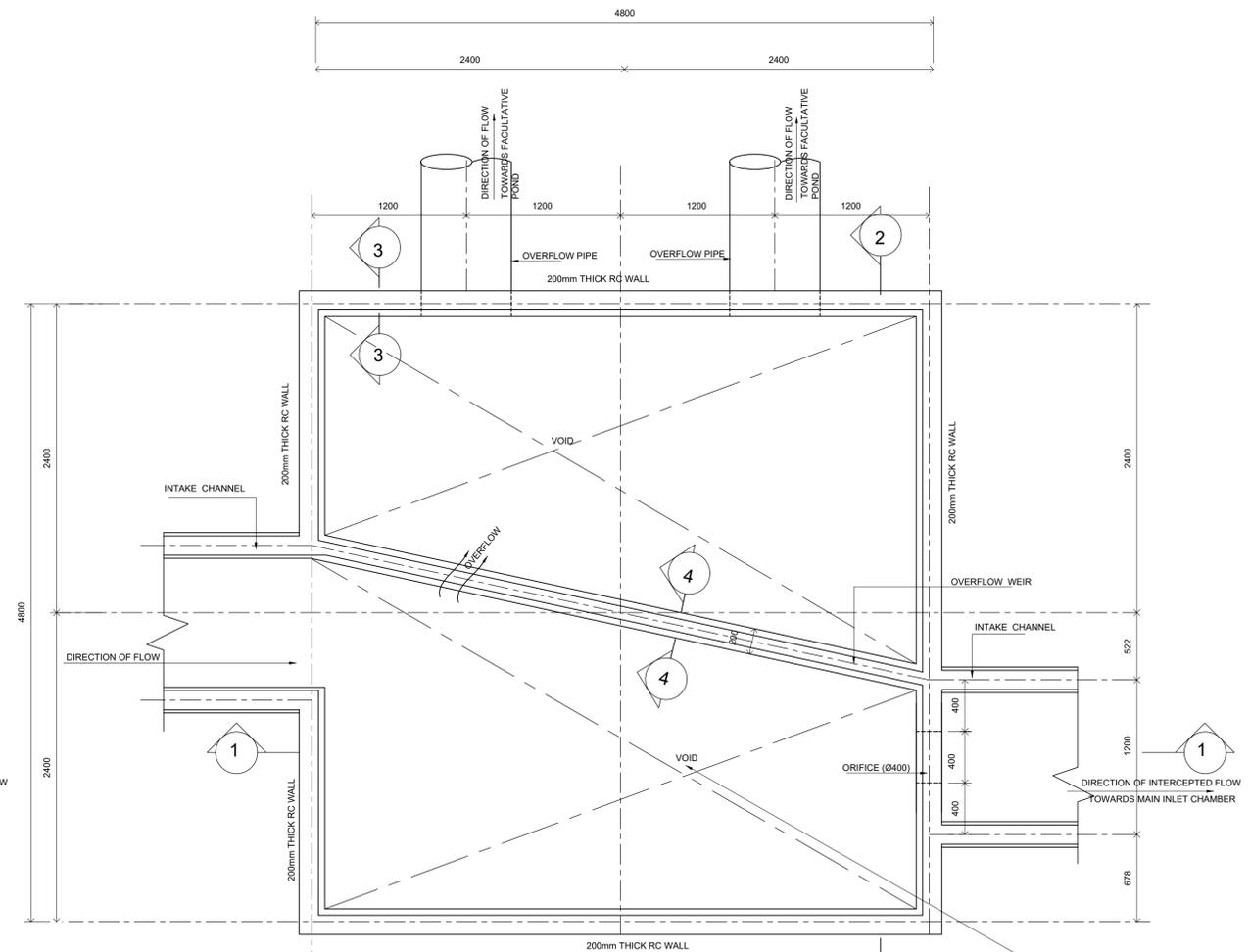
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ANAEROBIC PIPE PIER SECTION AND DETAILS

DWG No. :
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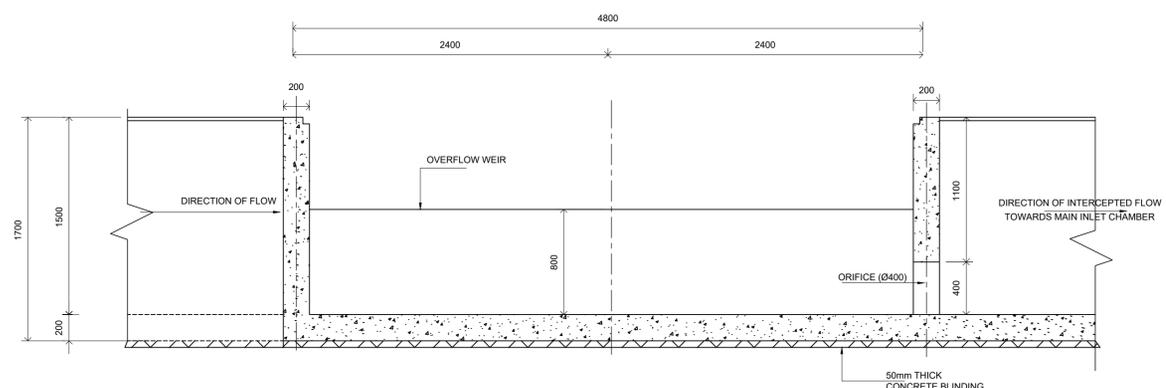
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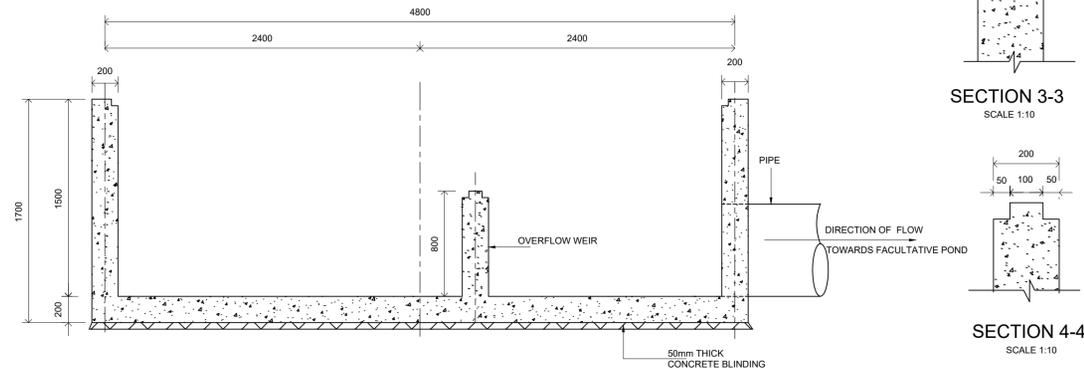
FLOW INTERCEPTOR CHAMBER - BASE LAYOUT
 200mm THICK BASE SLAB
 (1No)
 SCALE 1:25



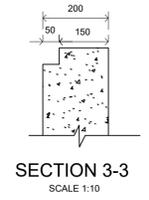
FLOW INTERCEPTOR CHAMBER - PLAN
 (1No)
 SCALE 1:25



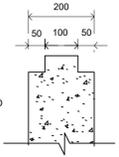
SECTION 1-1
 SCALE 1:25



SECTION 2-2
 SCALE 1:25



SECTION 3-3
 SCALE 1:10



SECTION 4-4
 SCALE 1:10

CLIENT:
 ATHI WATER WORKS DEVELOPMENT AGENCY LTD.
 ATHI WATER PLAZA, MUTHAIGA NORTH RD OF KIambu RD
 P.O. BOX 45283-00100, NAIROBI



FINANCIER:
 GOK



EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT - PHASE II

CONTRACT No.
 AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED

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 Sign by Design Eng.:

 Sign by Construction Eng.:

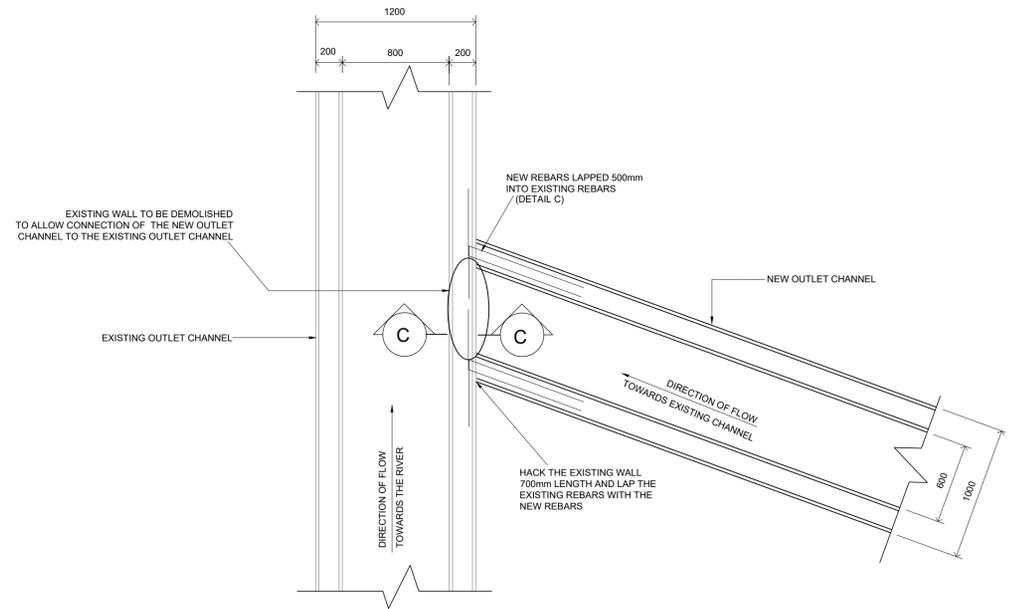
 Sign by Project Manager:

DWG NAME :
 FLOW INTERCEPTOR CHAMBER LAYOUT AND SECTION

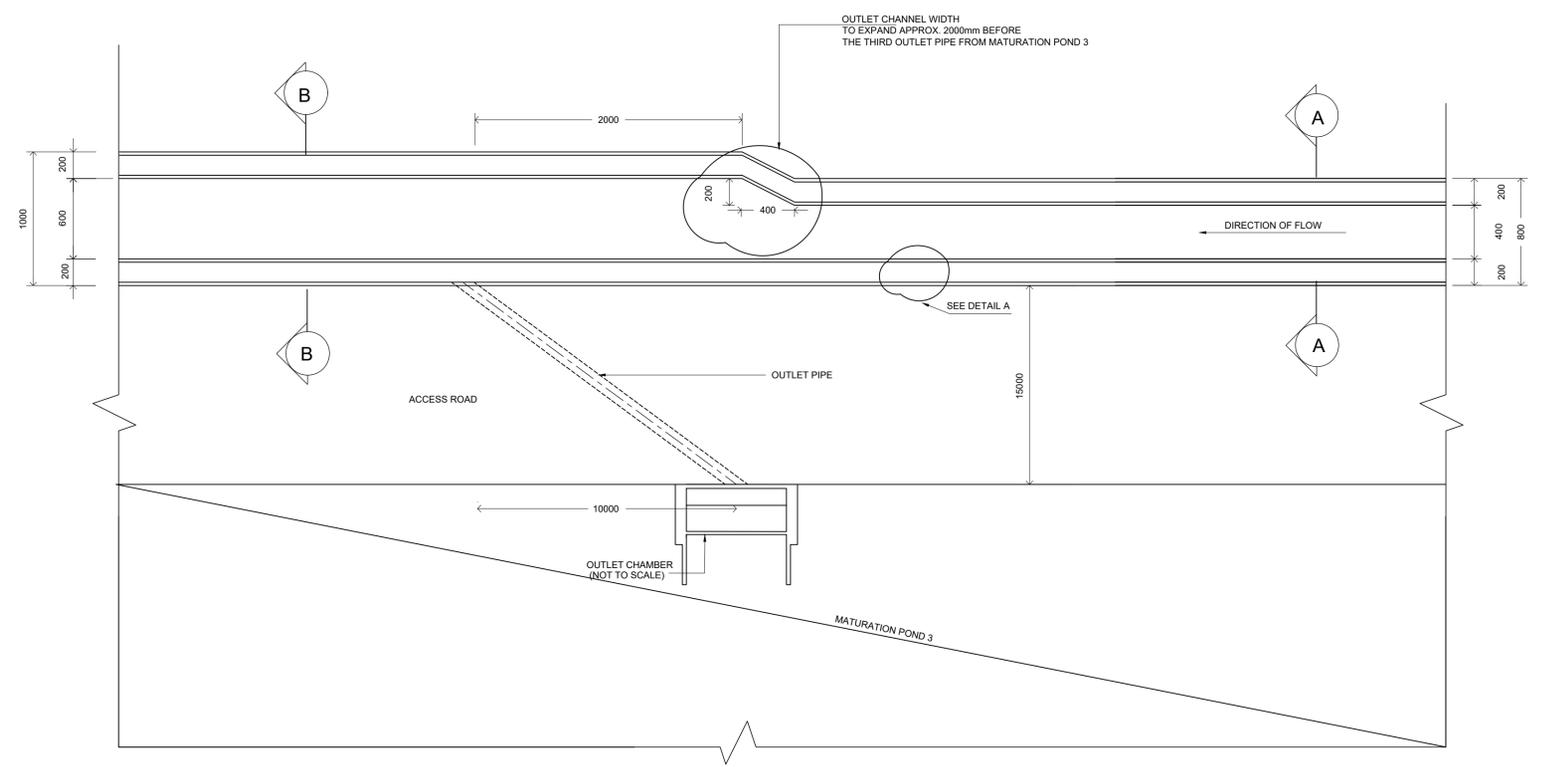
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 Sheet no. : g Scale : AS SHOWN

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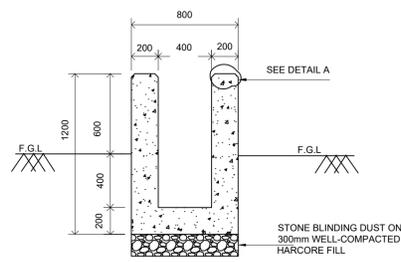
18.12.2009



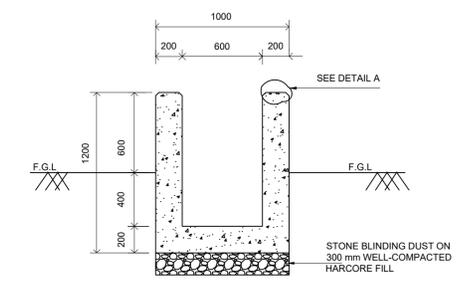
OUTLET CHANNEL - PLAN AT THE CONNECTION TO THE EXISTING OUTLET CHANNEL SCALE 1:25



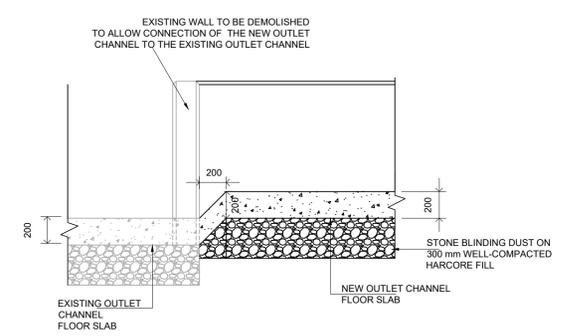
OUTLET CHANNEL - PLAN SCALE 1:25



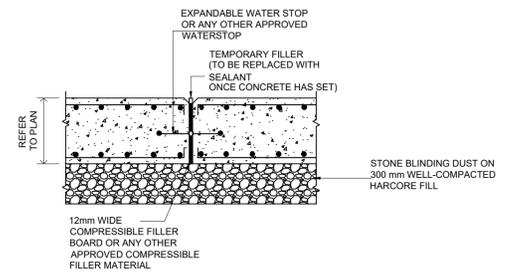
OUTLET CHANNEL SECTION A-A SCALE 1:25



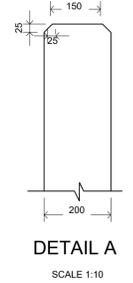
OUTLET CHANNEL SECTION B-B SCALE 1:25



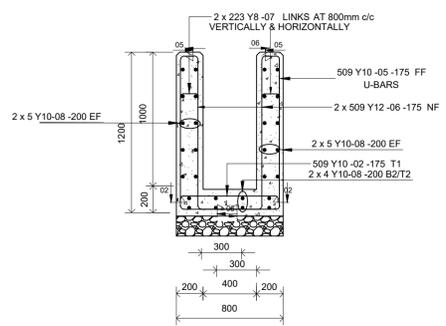
SECTION C-C SCALE 1:25



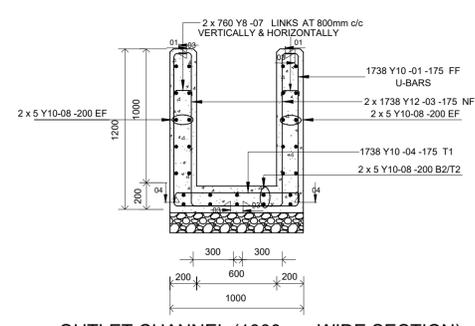
EXPANSION JOINT SCALE 1:25



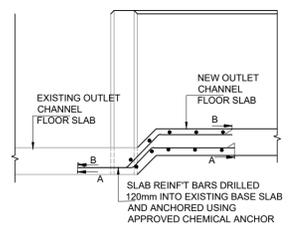
- GENERAL NOTES**
- EXPANSION JOINTS**
- NO CONNECTION SHOULD BE MADE ACROSS AN EXPANSION JOINT EITHER BY REINFORCEMENT, KEYWAYS OR BOND.
 - NO MORTAR PLASTER TO BE DONE OVER THE JOINT
 - EXPANSION JOINT SHOULD EXTEND THROUGHOUT THE FULL DEPTH OF THE SLAB AND BE SEALED EFFECTIVELY TO PREVENT THE INGRESS OF GROUT INTO JOINT.
 - EXPANSION JOINT TO BE PLACED AT INTERVALS OF 12m OR AS OTHERWISE DIRECTED BY THE ENGINEER.



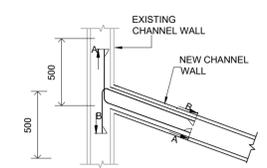
OUTLET CHANNEL (800mm WIDE SECTION) (APPROX. 89m LENGTH) RC DETAILS SCALE 1:25



OUTLET CHANNEL (1000mm WIDE SECTION) (APPROX. 304m LENGTH) RC DETAILS SCALE 1:25



SLAB - SLAB CONNECTION DETAIL B (1No) SCALE 1:25



WALL - WALL CONNECTION DETAIL C (2No) SCALE 1:25

CLIENT:
ATHI WATER WORKS DEVELOPMENT AGENCY LTD.
ATHI WATER PLAZA, MUTHAIGA NORTH RD OF KIAMBU RD
P.O. BOX 45283-00100, NAIROBI

FINANCIER:
GOK

EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT - PHASE II

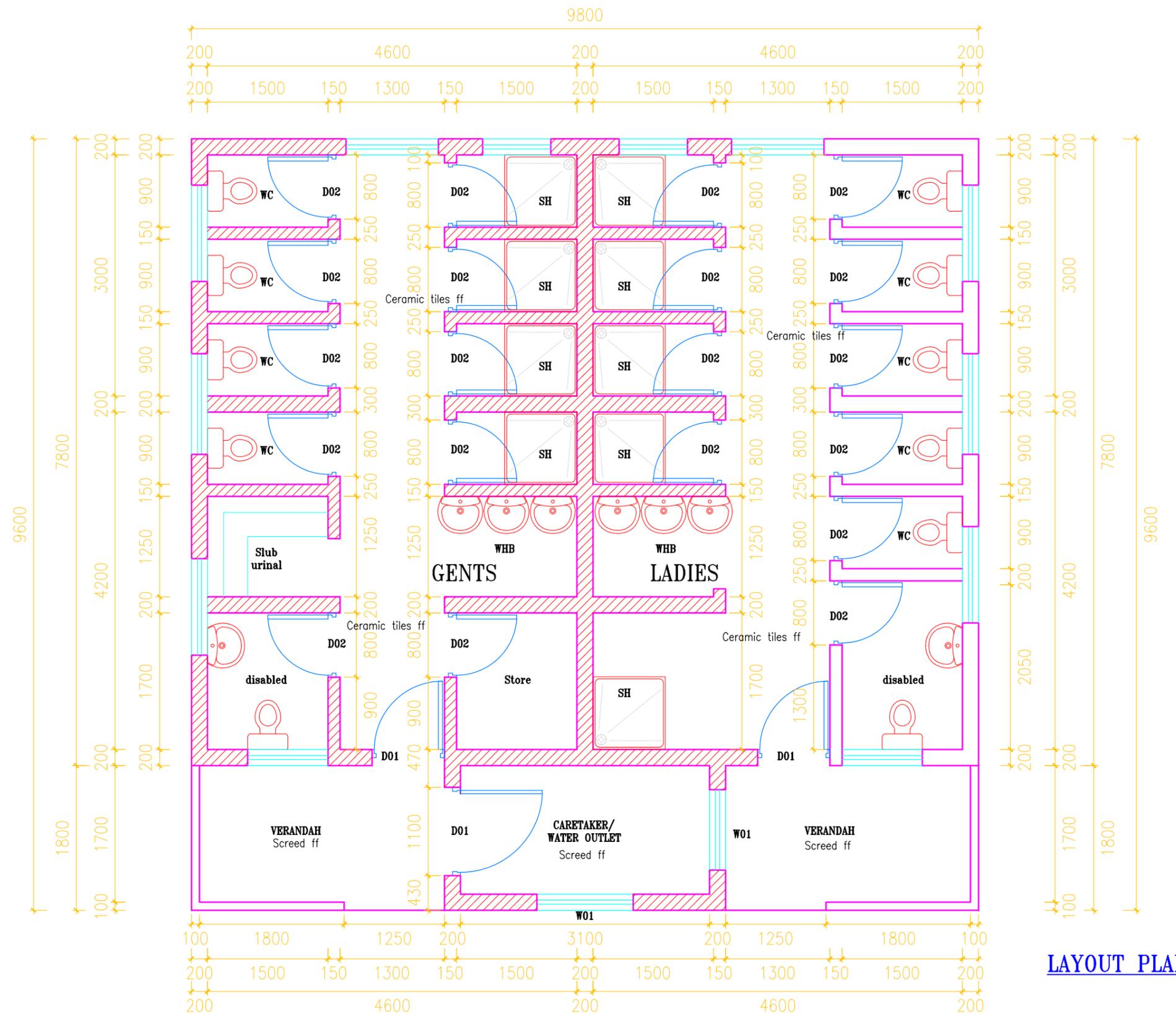
CONTRACT No.
AWWDA/GOK/DESTP-PH.2/W-05/2025-2026

REVISED	DATE	DESCRIPTION	DRAWN	CHECKED
					Sign by Design Eng.:
					Sign by Construction Eng.:
					Sign by Project Manager:

DWG NAME :
OUTLET CHANNELS

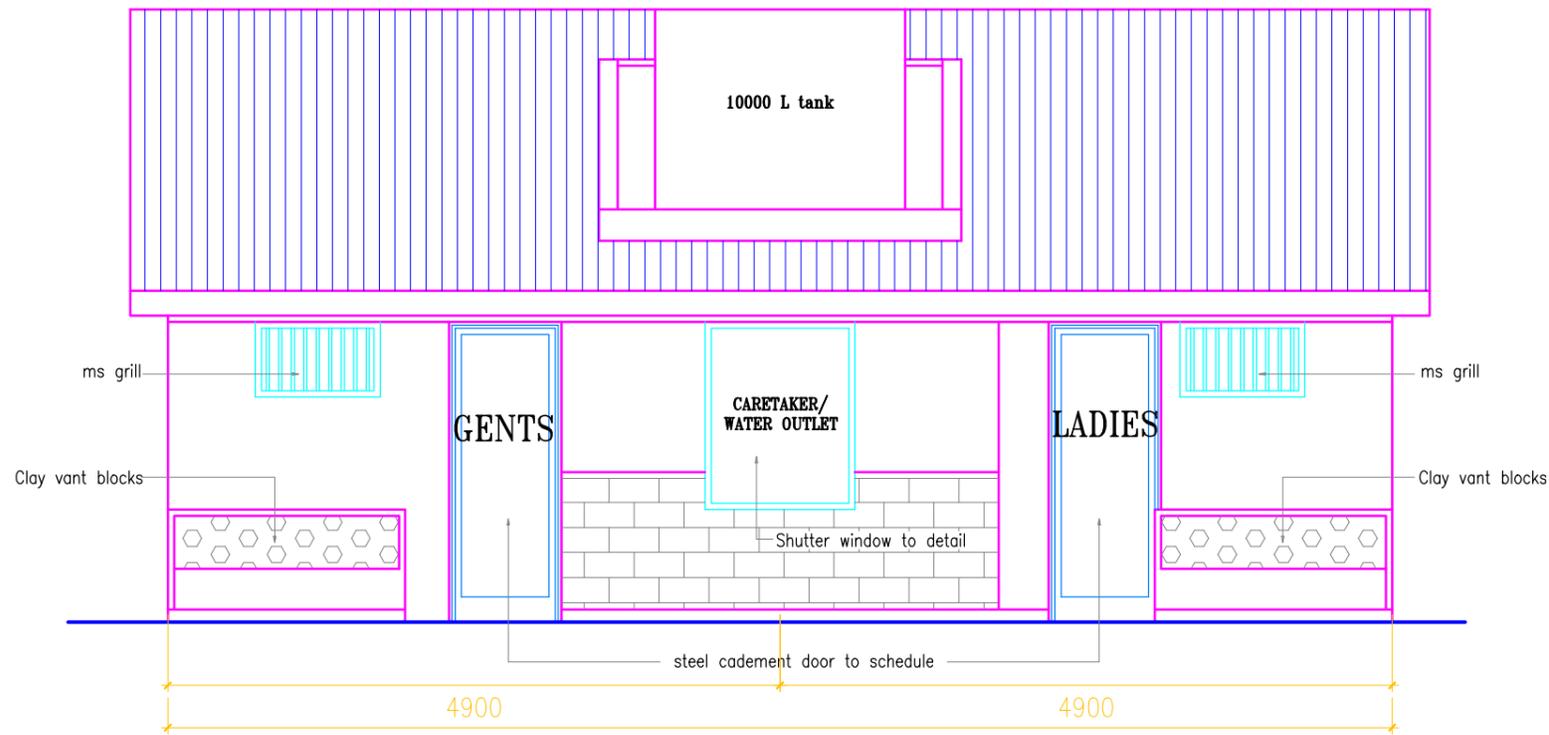
DWG No. :
Sheet no. : 10

Scale : AS SHOWN

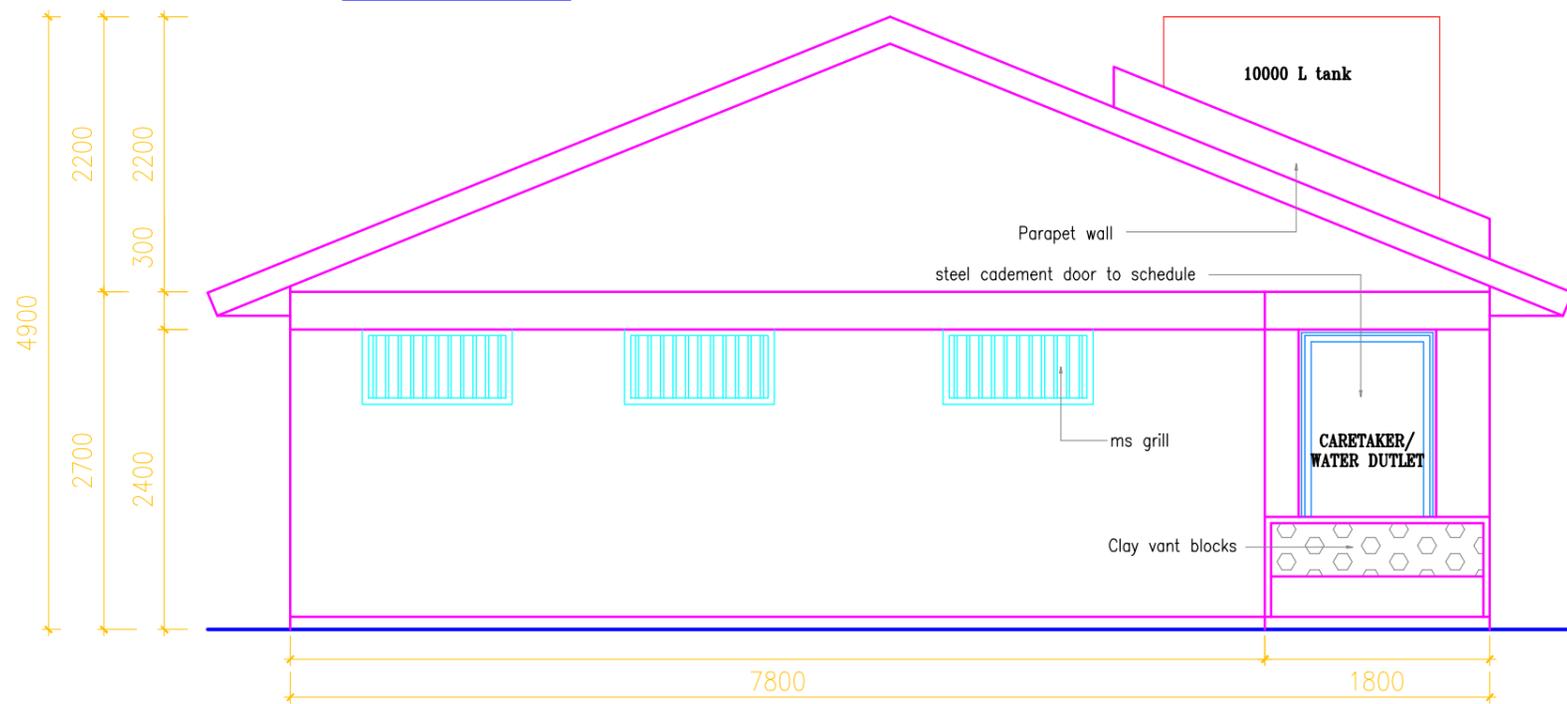


LAYOUT PLAN

Notes	Revisions				EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT PHASE II	ABLUTION BLOCK	Description GROUND FLOOR PLAN		 ATHI WATER WORKS DEVELOPMENT AGENCY
	No.	Date	Details	Chd.			Appd.	Scale: 1 : 50 (A3)	
						CONTRACT NO. AWWDA/GOK/DESTP-PH.2/W-05/2025-2026	Checked By: E. KILONGI	Drawn By: ALPHAXARD KITHEKO	
							Approved By: J.M. Muiruri		

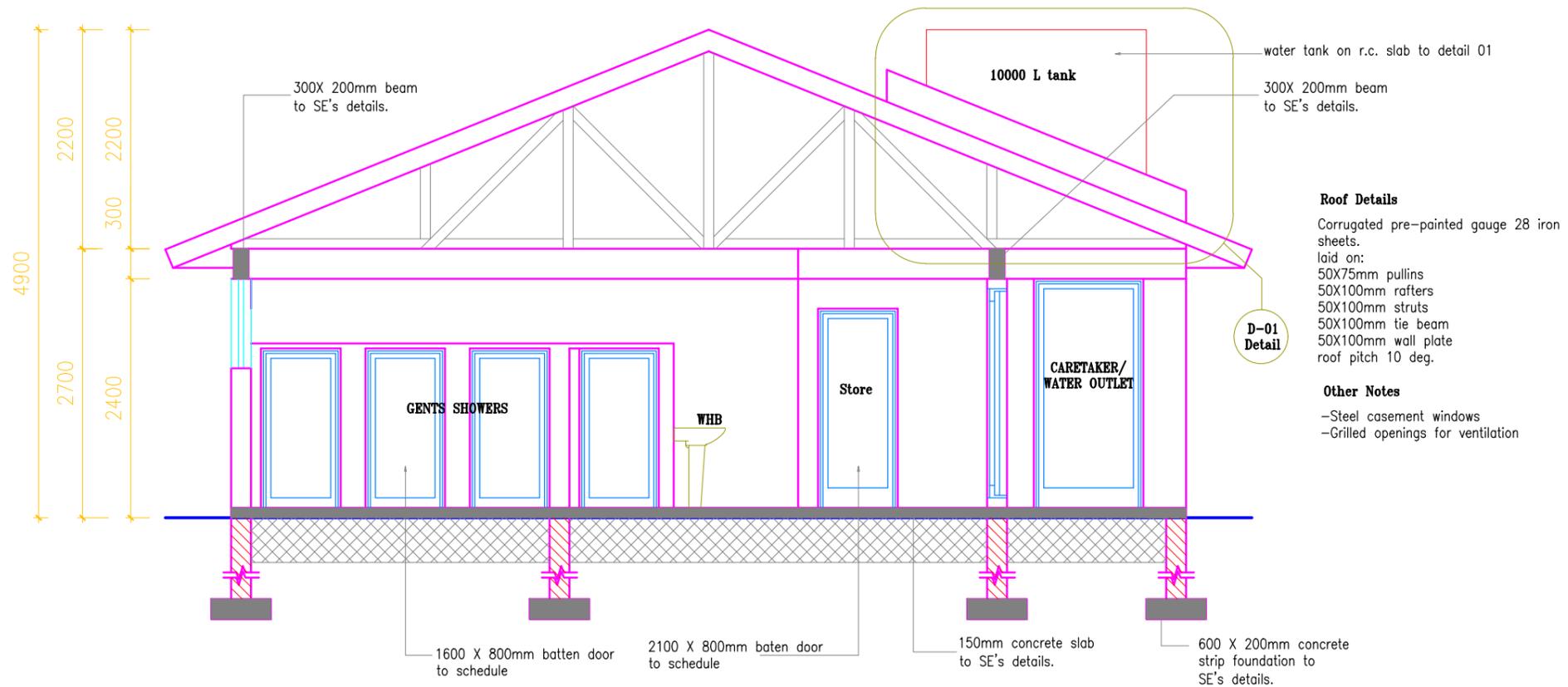


ELEVATION 01



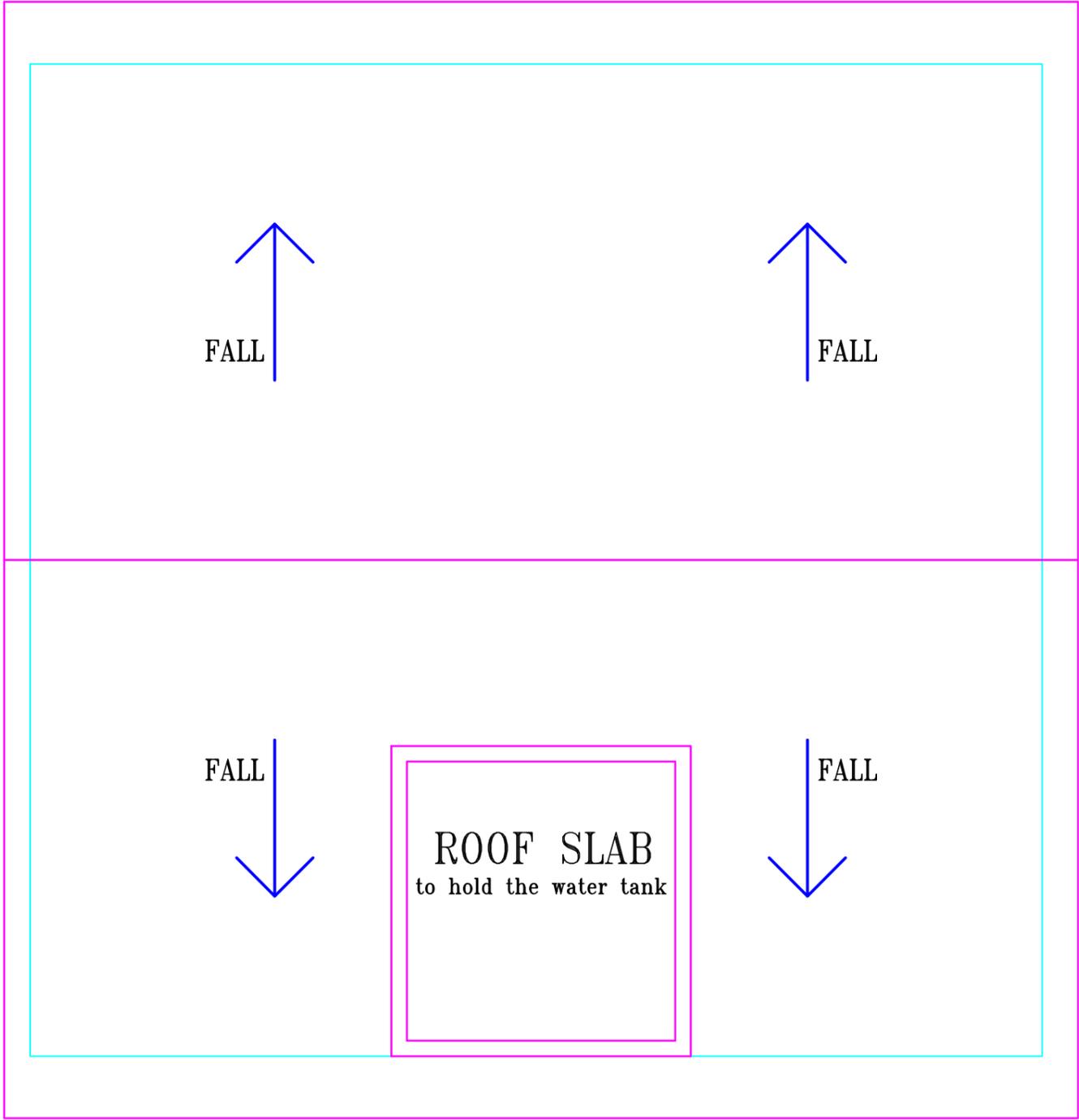
ELEVATION 02

Notes	Revisions				EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT PHASE II	ABLUTION BLOCK	Description		 ATHI WATER WORKS DEVELOPMENT AGENCY		
	No.	Date	Details	Chd.			Appd.	ELEVATIONS			
								Scale:		1 : 50 (A3)	
								Date:		October 2011	
								Checked By:		E. KILONGI	
						Approved By:	J.M. Muiruri	Drawing No: AWWDA/GOK/DESTP-PH.2/AB/02			
							Drawn By:	ALPHAXARD KITHEKO			
						CONTRACT NO. AWWDA/GOK/DESTP-PH.2/W-05/2025-2026					



SECTION A-A

Notes	Revisions				EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT-PHASE II	ABLUTION BLOCK	Description		 ATHI WATER WORKS DEVELOPMENT AGENCY
	No.	Date	Details	Chd.			Appd.	SECTION A-A	
							Date: October 2011	Drawing No: AWWDA/GOK/DESTP-PH.2/AB/03	
							Checked By: E. KILONGI		
							Approved By: J.M. Muiruri		Drawn By: ALPHAXARD KITHEKO
						CONTRACT NO. AWWDA/GOK/DESTP-PH.2/W-05/2025-2026			

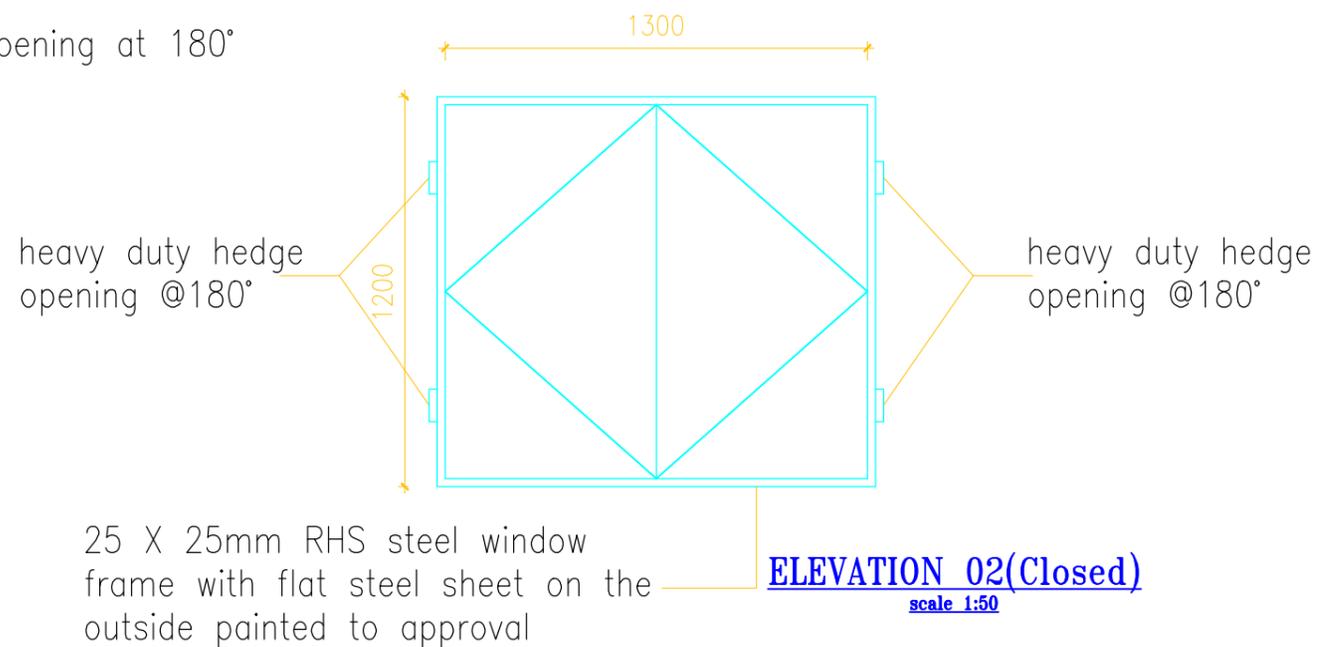
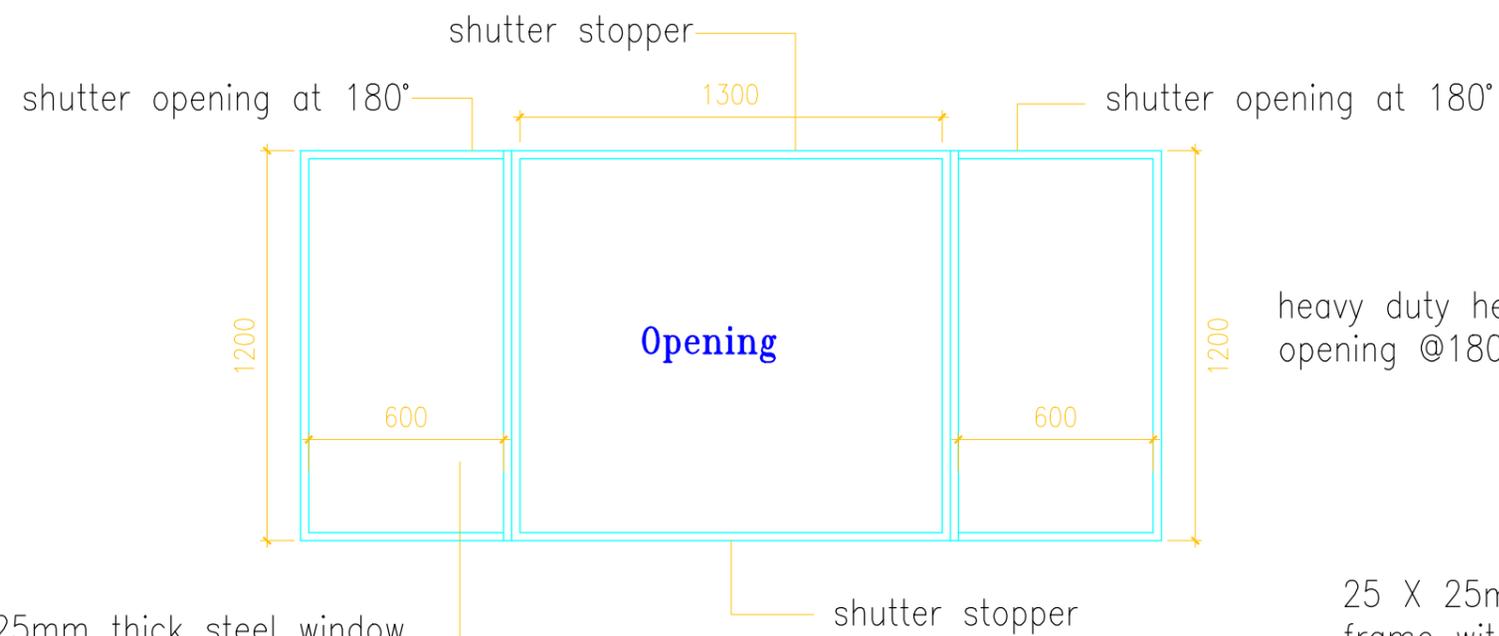
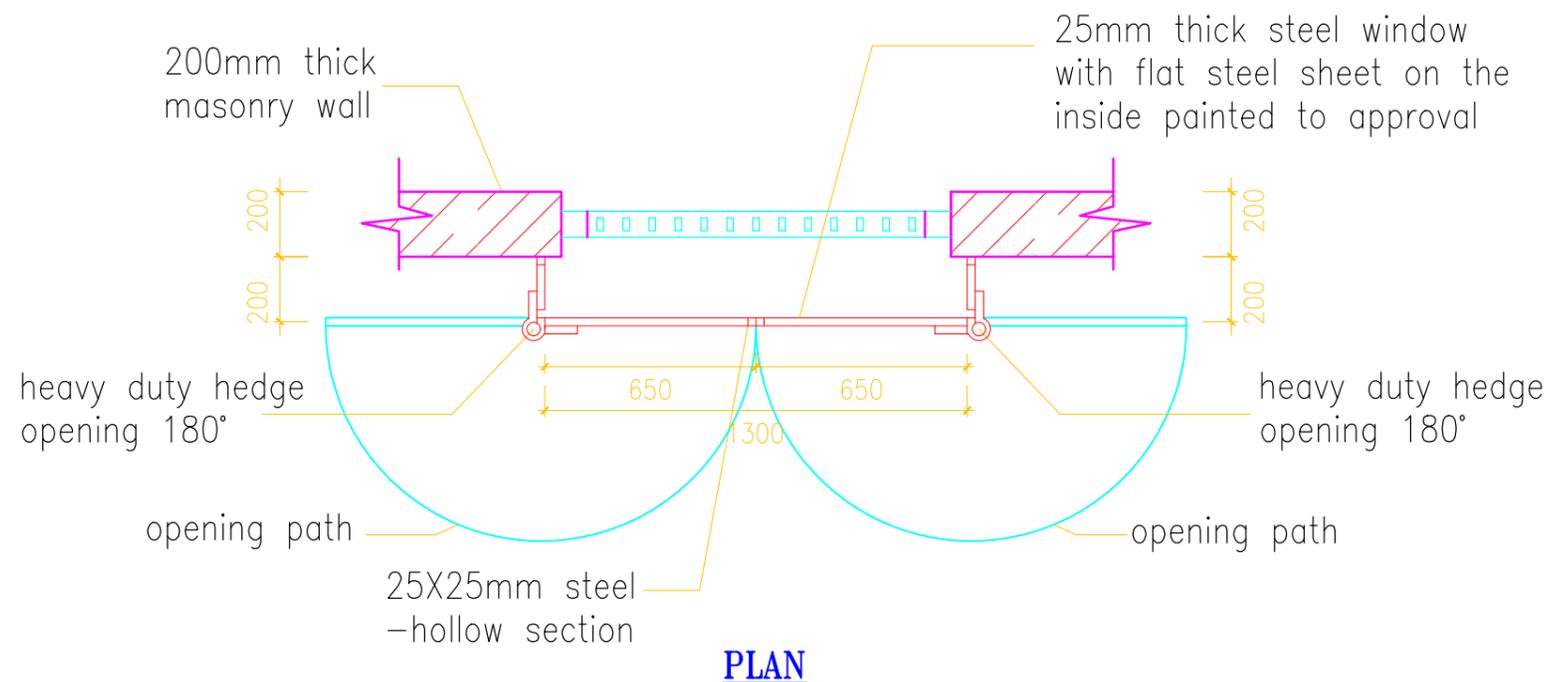


ROOF PLAN

Notes	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Revisions</th> <th>Chd.</th> <th>Appd.</th> </tr> <tr> <th>No.</th> <th>Date</th> <th colspan="2">Details</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Revisions		Chd.	Appd.	No.	Date	Details																		EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT-PHASE II	ABLUTION BLOCK CONTRACT NO. AWWDA/GOK/DESTP-PH.2/W-05/2025-2026	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Description</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="text-align: center;">ROOF PLAN</td> </tr> <tr> <td>Scale:</td> <td>1 : 50 (A3)</td> </tr> <tr> <td>Date:</td> <td>October 2011</td> </tr> <tr> <td>Checked By:</td> <td>E. KILONGI</td> </tr> <tr> <td>Approved By:</td> <td>J.M. Muiruri</td> </tr> <tr> <td>Drawn By:</td> <td>ALPHAXARD KITHEKO</td> </tr> </tbody> </table>	Description		ROOF PLAN		Scale:	1 : 50 (A3)	Date:	October 2011	Checked By:	E. KILONGI	Approved By:	J.M. Muiruri	Drawn By:	ALPHAXARD KITHEKO	 <p>ATHI WATER WORKS DEVELOPMENT AGENCY</p>
Revisions		Chd.	Appd.																																								
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Approved By:	J.M. Muiruri																																										
Drawn By:	ALPHAXARD KITHEKO																																										
				Drawing No: AWWDA/GOK/DESTP-PH.2/AB/04																																							

DOOR TYPE	ELEVATION	DESCRIPTION	LOCATION	IRON MONGERY	TOTAL NO.
D1		<ul style="list-style-type: none"> *25mm square steel tubes at 150mm c/c to detail *Steel panels *casement steel door 	*Gents & Ladies Entrances & caretaker's room		*03
D2		*Braced and battened timber door	*All WCs. and showers	<ul style="list-style-type: none"> *1.5 pairs of 100mm steel butt hinges *100mm pull handle on both sides at 90 deg. *NB—for each door 	*19

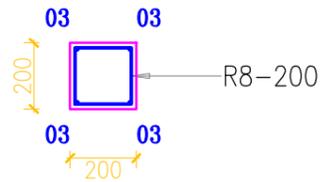
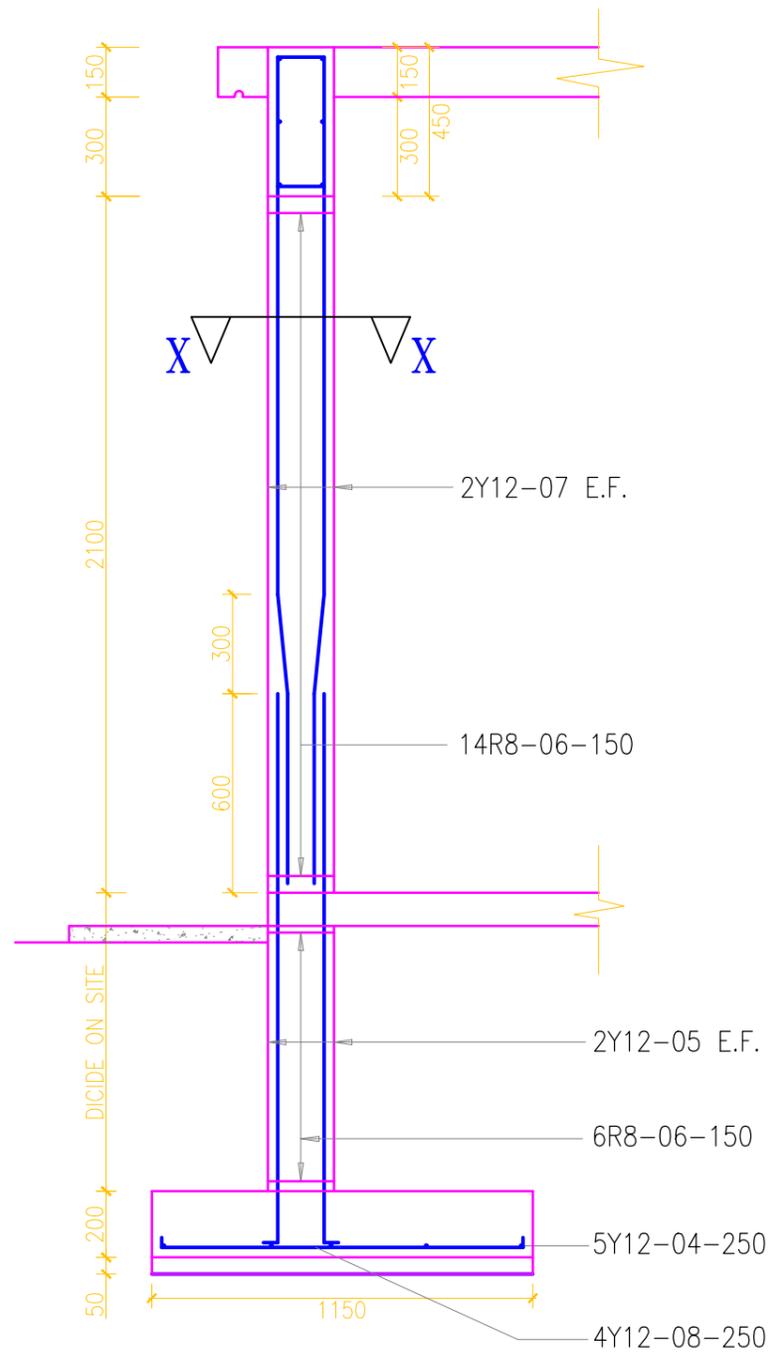
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						CONTRACT NO. AWWDA/GOK/DESTP-PH.2/W-05/2025-2026	Scale: 1 : 50 (A3)		ATHI WATER WORKS DEVELOPMENT AGENCY Drawing No: AWWDA/GOK/DESTP-PH.2/AB/05
							Date: October 2011		
							Checked By: E. KILONGI		
							Approved By: J.M. Muiruri	Drawn By: ALPHAXARD KITHEKO	



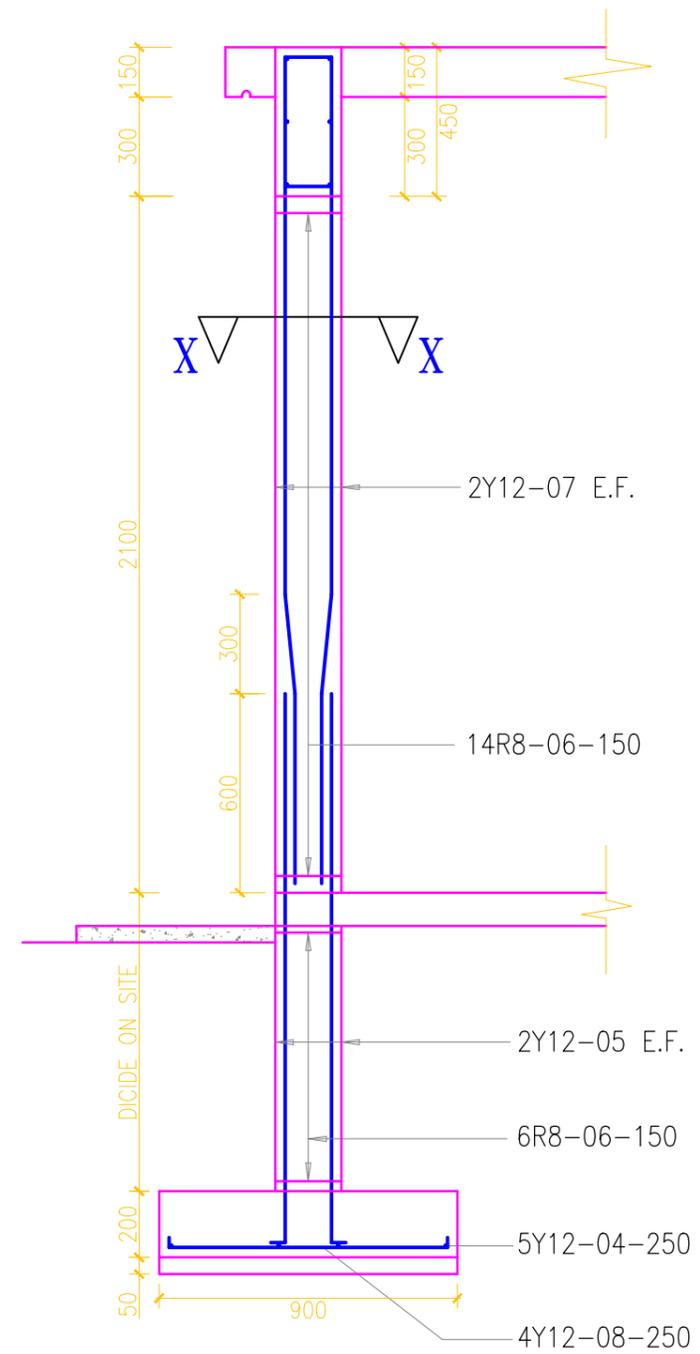
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						CONTRACT NO. AWWDA/GOK/DESTP-PH.2/W-05/2025-2026	1 : 50 (A3)		Drawing No: AWWDA/GOK/DESTP-PH.2/AB/06	
							Date: October 2011			
							Checked By: E. KILONGI			
							Approved By: J.M. Muiruri	Drawn By: ALPHAXARD KITHEKO		

<p><u>FINISHES SCHEDULE</u></p> <p><u>Floor finishes</u></p> <p><u>a) Internal floor</u> 300x300mm ceramic tiles(drown) with grey grouting and approved pattern</p> <p><u>b) verandah</u> Screed floor finish</p> <p><u>c) Store and others</u> Screed floor finish</p>	<p><u>Wall finishes</u></p> <p><u>Internal</u></p> <p><u>a) Toilets</u> Plastered and painted to approval</p> <p><u>b) Showers</u> Ceramic wall tiles to a height of 1500mm the remaining wall to be plastered and painted to approval</p> <p><u>c) Circulation,Store,Caretaker,etc</u> Plastered and painted to approval</p> <p><u>d) External</u> Keyed machine cut masonry stone</p>	<p><u>Skirting</u></p> <p><u>Internal</u></p> <p><u>a) Toilets</u> Ceramic wall tiles to a height of 600mm.</p> <p><u>b) Showers</u> Ceramic wall tiles.</p> <p><u>c) Circulation,Store,Caretaker,etc</u> Screed to approval</p> <p><u>d) External</u> Screed to approval</p>
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Notes	Revisions				EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT-PHASE II	ABLUTION BLOCK	Description: FINISHES SCHEDULE Scale: 1 : 50 (A3) Date: October 2011 Checked By: E. KILONGI Approved By: J.M. Muiruri	 ATHI WATER WORKS DEVELOPMENT AGENCY Drawing No: AWWDA/GOK/DESTP-PH.2/AB/07
	No.	Date	Details	Chd.				



X-X
scale 1:10



DETAIL FOR COLUMN & COL. BASE
SHOWN THUS C 2no.
scale 1:10

DETAIL FOR COLUMN & COL. BASE
SHOWN THUS D 2no.
scale 1:10

Notes	Revisions					EXPANSION OF DANDORA WASTEWATER TREATMENT PLANT-PHASE II	ABLUTION BLOCK	Description		 ATHI WATER WORKS DEVELOPMENT AGENCY
	No.	Date	Details	Chd.	Appd.			COLUMNS REINFORCEMENT DETAILS	Scale:	
								AS SHOWN		
								October 2011		
								Checked By: E. KILONGI		
								Approved By: J.M. Muiruri	Drawn By: ALPHAXARD KITHEKO	
							CONTRACT NO. AWWDA/GOK/DESTP-PH.2/W-05/2025-2026			Drawing No: AWWDA/GOK/DESTP-PH.2/AB/08