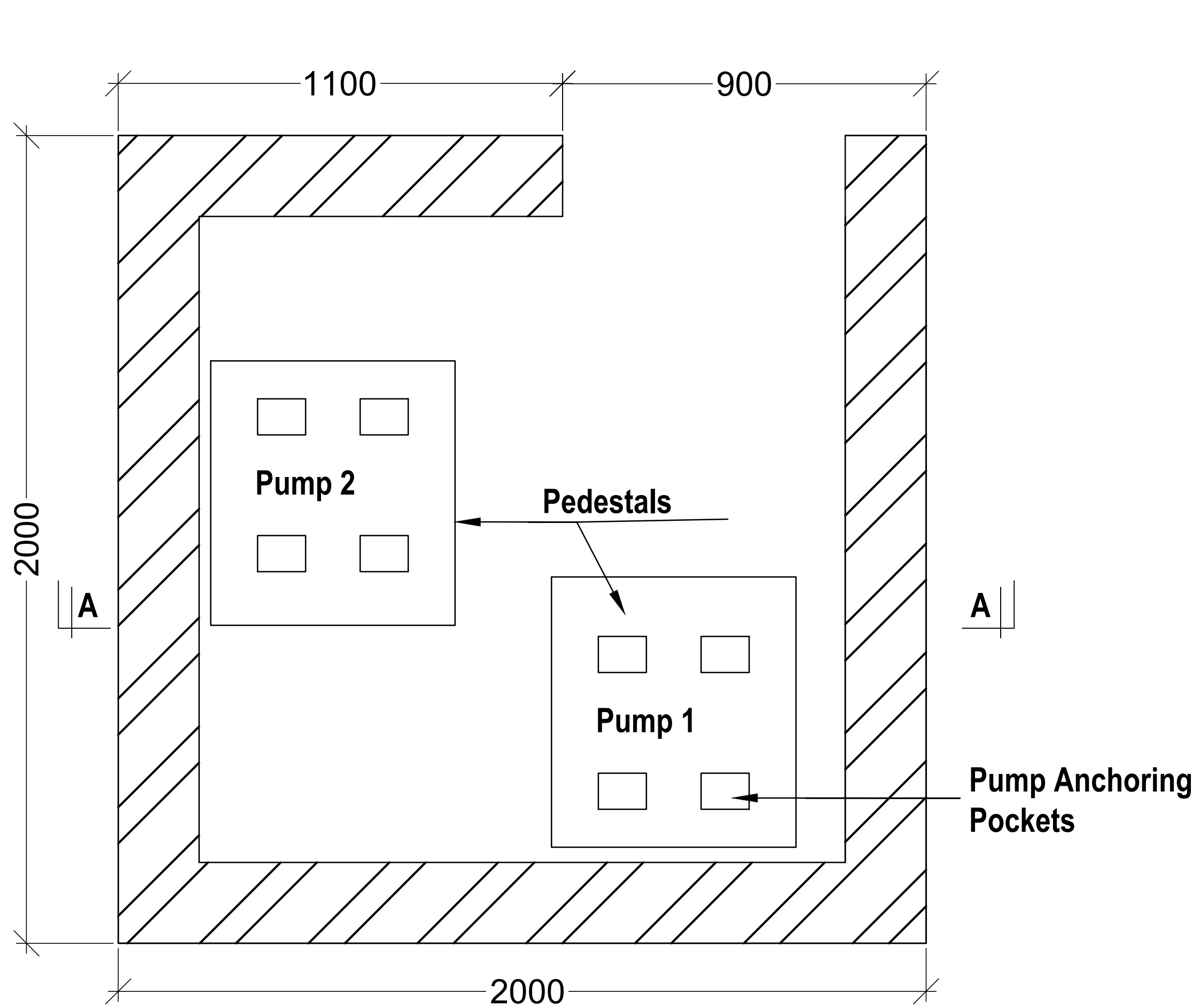
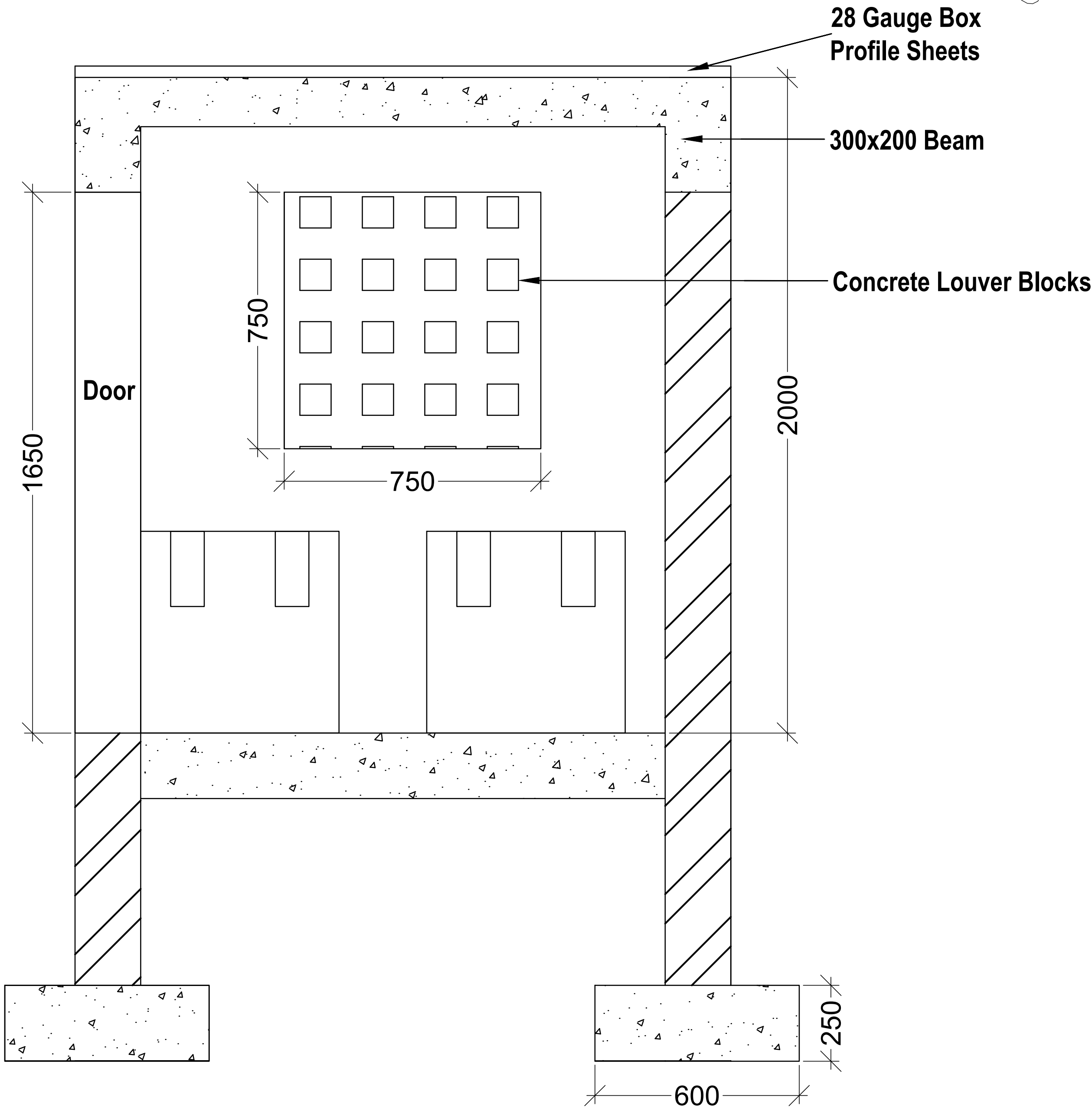



PUMP HOUSE



PLAN VIEW

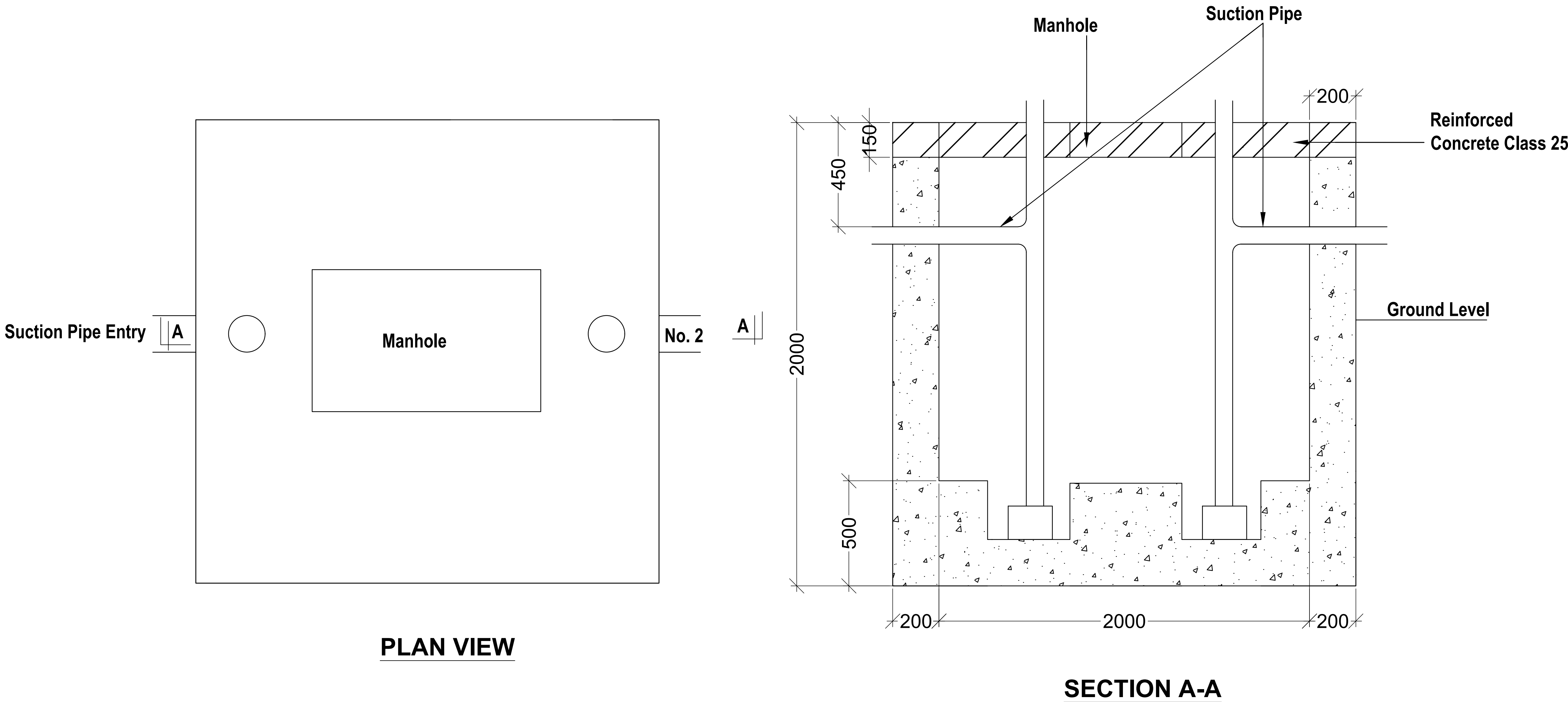



SECTION A-A

NOTES			
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3.This drawing must be read in conjunction with relevant Architectural drawings.			
4.Reinforced concrete for all structural elements to be grade C20/25 to BS EN 206-1:2002, except for the ground floor slab (grade C16/20), and roof slab (C25/30).			
5. Cover to main reinforcement to be as follows: (a) Foundation = 50mm (b) Columns = 40mm (c) Beams = 30mm (d) Slabs = 25mm			
6."H" Denotes ribbed high yield bars to BS 4461 with a yield strength of 500N/mm2 to BS 4449-2005.			
7. Reinforcement in walls and columns must be inspected by the Engineer before being enclosed in formwork.			
8. All masonry walls must be reinforced with 25mm hoop iron after every two alternate courses. The hoop iron must be extended through the column sections.			
9. To ensure enhanced bonding between the masonry and the R.C. columns, the masonry walling must be raised first before the columns are cast.			
10. All mortar used to be of cement sand mix 1:3, with all the stone walling being laid in 200mm courses with 12mm mortar joints.			
11. A minimum of 7.0N/mm2 average compressive strength of masonry in accordance with BS EN 771 and BS 5268 should be used for all wall sections.			
12. Mass concrete to be grade 12/15 to BS EN 206-1:2002.			
13. Double masonry walls to be built one at a time. Waterproofing plaster shall be applied to the inside of the first wall to Engineer's approval before the second is built .			
REVISIONS			
Date	Suffix	Descriptions	Issue
CLIENT			
			
PROJECT			
PROPOSED CIVIL WORKS FOR RIDGEWAYS SUB-STATION			
TENDER DRAWINGS			
PUMP HOUSE			
RDW- SHEET 001/025			
Drawn	D.WAITHERA	Scale(s)	AS INDICATED
Designed	D.WAITHERA	Date	APRIL, 2025
Checked	S.GITHAE	Date	APRIL, 2025
Approved	ENG. D.M.WAMBUGU	Date	APRIL, 2025
ISSUE DATE		APRIL, 2025	
JOB No.			

PUMP COLLECTION PIT

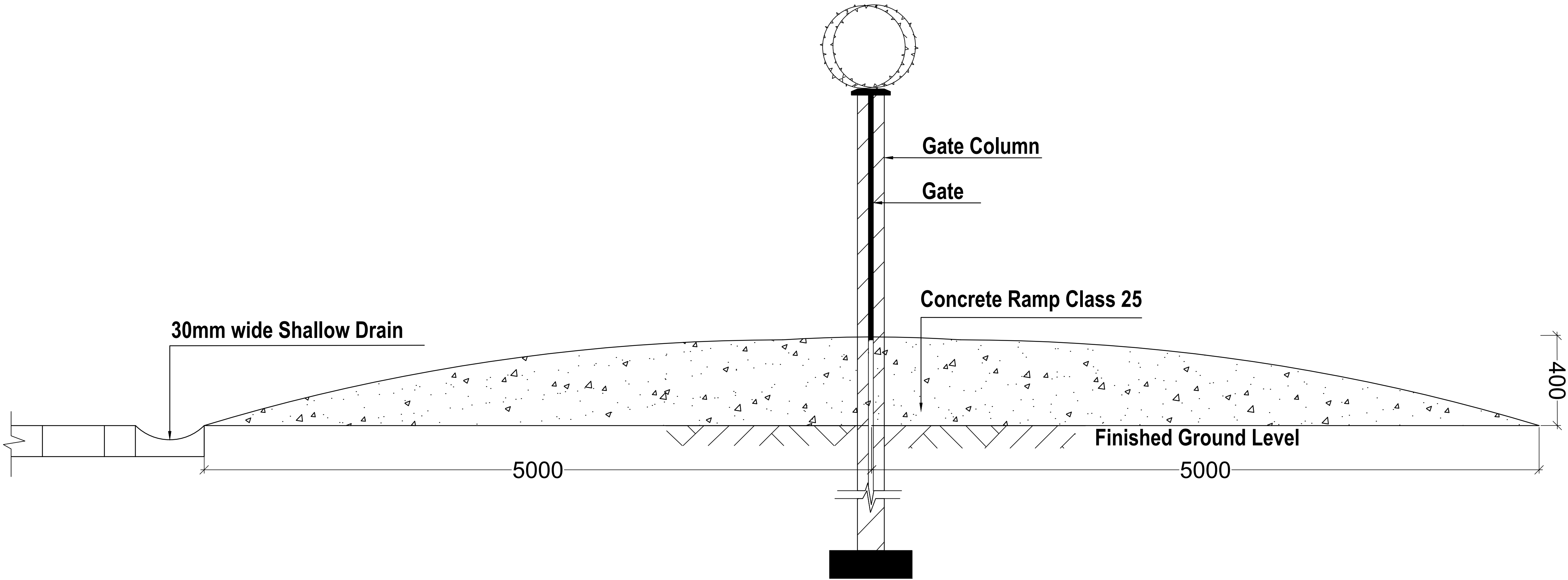
FOR TENDERING PURPOSES
ONLY: RIDGEWAYS S/S



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REVISIONS			
Date	Suffix	Descriptions	Issue
<div>CLIENT</div> <div>Kenya Power</div>			
<div>PROJECT</div> <div>PROPOSED CIVIL WORKS FOR RIDGEWAYS SUB-STATION</div>			
TENDER DRAWINGS			
PUMP COLLECTION PIT			
RDW- SHEET 002/025			
Drawn	D.WAITHERA	Scale(s)	AS INDICATED
Designed	D.WAITHERA	Date	APRIL, 2025
Checked	S.GITHAE	Date	APRIL, 2025
Approved	ENG. D.M.WAMBUGU	Date	APRIL, 2025
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JOB No.			

FOR TENDERING PURPOSES
ONLY: RIDGEWAYS S/S

GATE CONCRETE RAMP



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(c) Beams = 30mm

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REVISIONS

Date	Suffix	Descriptions	Issue

CLIENT



PROJECT

PROPOSED CIVIL WORKS FOR
RIDGEWAYS SUB-STATION

TENDER DRAWINGS

GATE COLUMN

RDW- SHEET 003/025

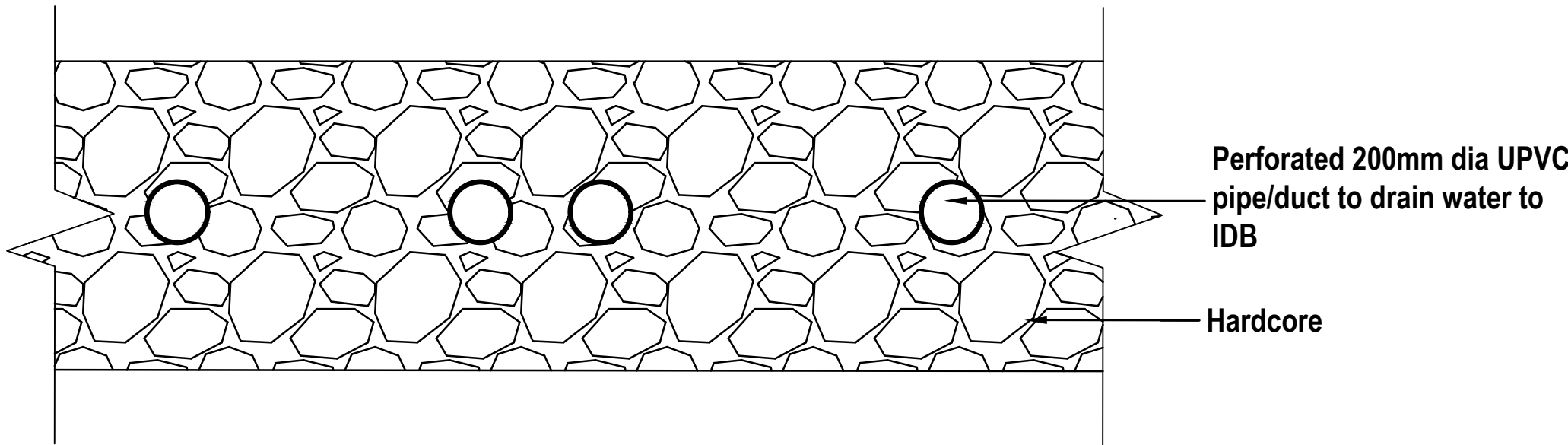
Drawn	D.WAITHERA	Scale(s)	AS INDICATED
Designed	D.WAITHERA	Date	APRIL, 2025
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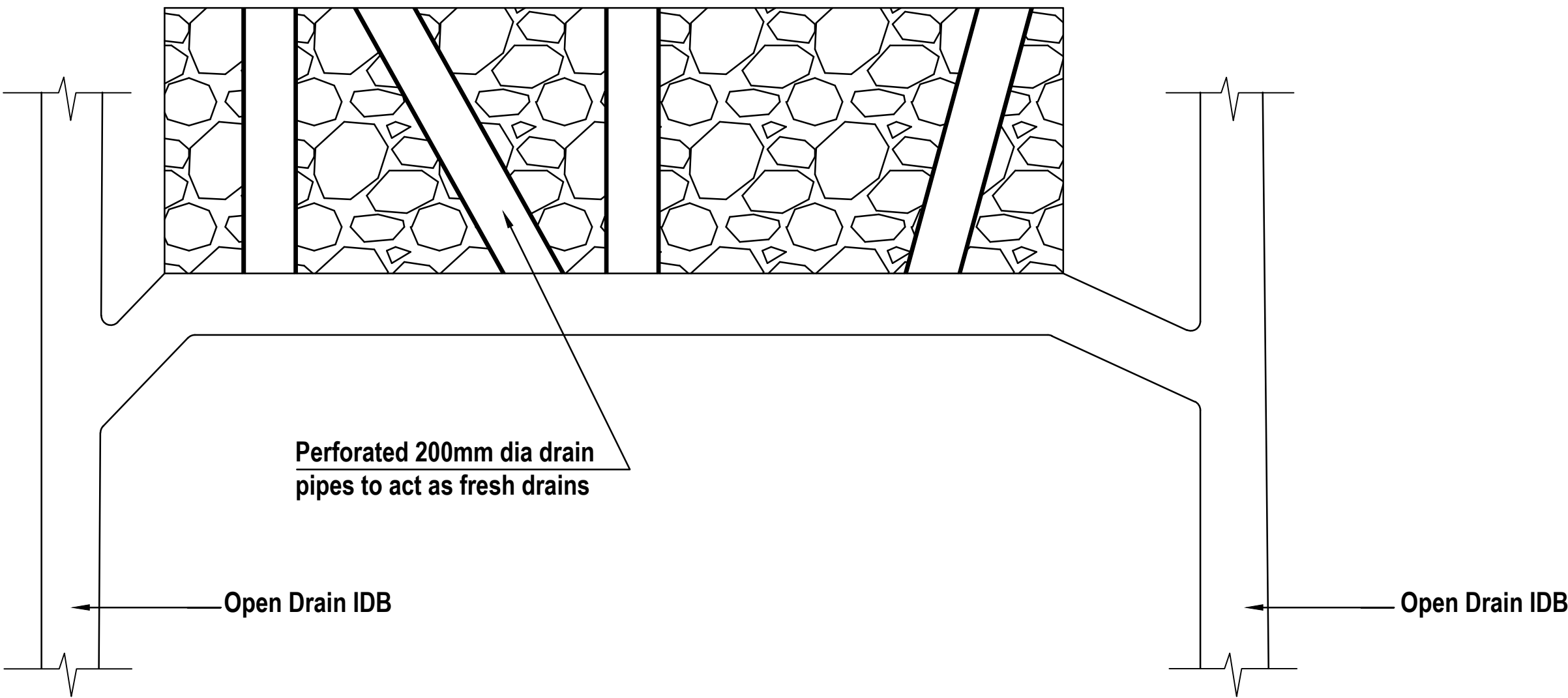
FOR TENDERING PURPOSES
ONLY: RIDGEWAYS S/S

WATER LOGGED AREA

ELEVATION



PLAN VIEW



NOTES

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REVISIONS

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CLIENT



PROJECT

PROPOSED CIVIL WORKS FOR
RIDGEWAYS SUB-STATION

TENDER DRAWINGS

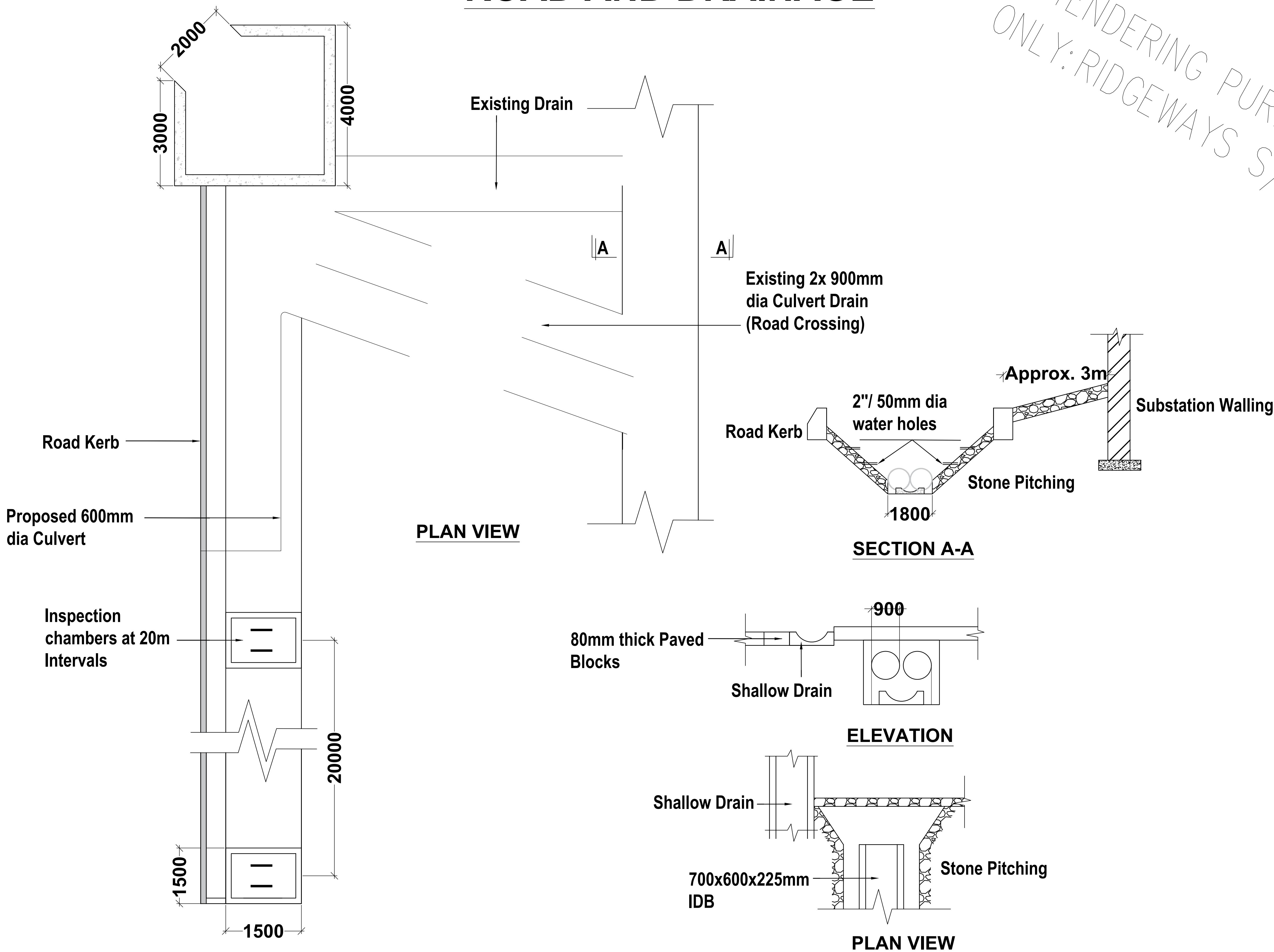
WATER LOGGED AREA

RDW- SHEET 004/025

Drawn	D.WAITHERA	Scale(s)	AS INDICATED
Designed	D.WAITHERA	Date	APRIL, 2025
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ISSUE DATE	APRIL, 2025
JOB No.	

ROAD AND DRAINAGE



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REVISIONS

Date	Suffix	Descriptions	Issue

CLIENT



PROJECT

PROPOSED CIVIL WORKS FOR
RIDGEWAYS SUB-STATION

TENDER DRAWINGS

ROAD AND DRAINAGE

RDW- SHEET 005/025

Drawn	D. WAITHERA	Scale(s)	AS INDICATED
Designed	D. WAITHERA	Date	APRIL, 2025
Checked	S. GITHAE	Date	APRIL, 2025
Approved	ENG. D.M. WAMBUGU	Date	APRIL, 2025
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JOB No.			