

SECRETARIAT OF
THE
KULHUDHUFFUSHI
CITY COUNCIL

DRAWING INDEX

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GENERAL NOTES

- ALL DRAWINGS MUST BE READ IN CONJUNCTION WITH THE BILL OF QUANTITIES AND THE PROJECT SPECIFICATIONS
- DIMENSIONS INDICATED ON THE DRAWINGS SHALL GOVERN; DO NOT SCALE DIMENSIONS FROM THE DRAWINGS
- REPORT ANY DISCREPANCIES, OMISSIONS, OR AMBIGUITIES TO THE PROJECT SUPERVISOR BEFORE COMMENCING WORK
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE SPECIFICATIONS FOR BUILDINGS AND ROAD WORKS, ALONG WITH THE REQUIREMENTS OF ALL RELEVANT CODES OF PRACTICE AND STATUTORY AUTHORITIES
- PRIOR TO COMMENCING WORK, VERIFY ALL SETTING-OUT DIMENSIONS WITH THE PROJECT SUPERVISOR
- ANY VARIATIONS OR SUBSTITUTIONS OF MATERIALS OR DETAILS FROM THOSE INDICATED ON THE DRAWINGS MAY ONLY BE MADE WITH THE PRIOR APPROVAL OF THE PROJECT SUPERVISOR OR ENGINEER
- IMPLEMENT ALL NECESSARY SAFETY MEASURES TO PROTECT WORKERS AND THE PUBLIC DURING CONSTRUCTION ACTIVITIES
- THE CONTRACTOR SHALL PROVIDE, INSTALL, MAINTAIN, AND REMOVE ALL NECESSARY SHORING, BRACING, AND RELATED SAFETY MEASURES TO PREVENT THE COLLAPSE OF TRENCHES AND EXCAVATIONS
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR SETTLEMENT CAUSED BY INADEQUATE SHORING MEASURES AND SHALL RECTIFY SUCH ISSUES AT THEIR OWN EXPENSE

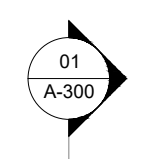
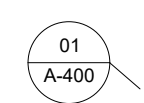
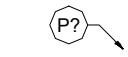
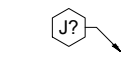
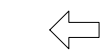
ABRIVIATIONS

"	INCHES
C/C	CENTER TO CENTER
FT.	FEET
GI	GALVANIZED IRON
HDPE	HIGH-DENSITY POLYETHYLENE
MM	MILLIMETERS
MSL	MEAN SEA LEVEL
NO.	NUMBER
PVC	POLY VINYL CHLORIDE
RF	REINFORCEMENT
THK	THICK
W/	WITH
ϕ	DIAMETER

GRAPHICS LEGEND

SYMBOL	MATERIAL	SYMBOL	MATERIAL
	08 INCH PIPELINE		12 INCH PIPELINE
	COMPACTED EARTH		CONCRETE IN SECTION
	GRAVEL IN PLAN		GRAVEL IN SECTION
	MASONRY IN PLAN		MASONRY IN SECTION
	SOIL IN PLAN		SOIL IN SECTION

DRAWING SYMBOLS

	SECTION NUMBER SHEET NUMBER
	DETAIL NUMBER SHEET NUMBER
	ELEVATION MARK
	REVISION NUMBER
	COLLECTION PIT NUMBER
	JUNCTION NUMBER
	SLOPE DIRECTION

PROJECT:
DEVELOPMENT OF STORM WATER DRAINAGE
INFRASTRUCTURE AT KULHUDHUFFUSHI CITY

PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL

COVER & INDEX SHEET

A-001

SCALE: --

DATE: 09/10/2025

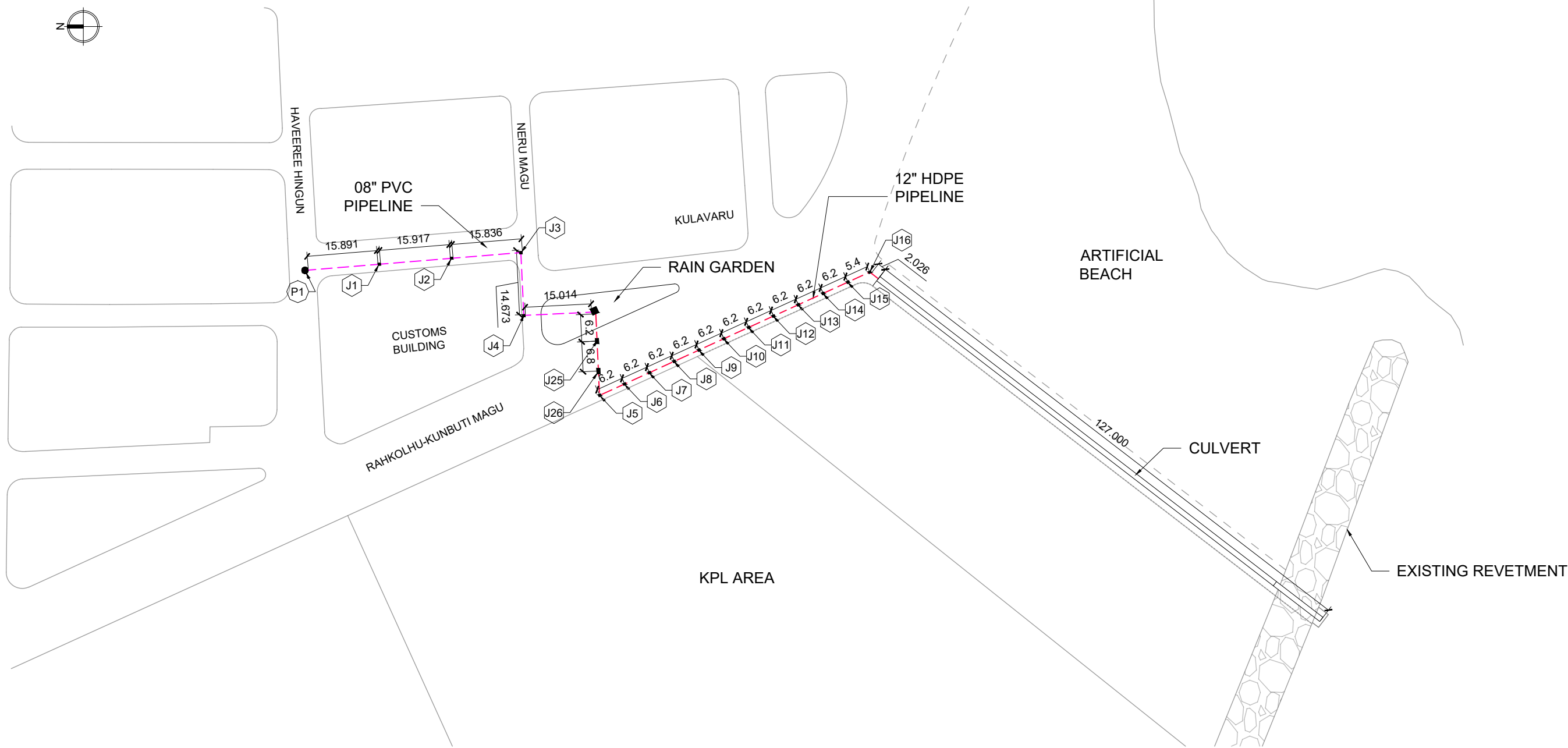
REVISION NO: 00

ISSUED FOR: TENDERING

NOTES:

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REVISED 12.10.2025



SITE PLAN - RAHKOLHU KUNBUTI MAGU

SCALE: 1:1000

PROJECT:
DEVELOPMENT OF STORM WATER DRAINAGE
INFRASTRUCTURE AT KULHUDHUFFUSHI CITY

PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL

SITE PLAN - RAHKOLHU KUNBUTI MAGU

A-101

SCALE: 1:1000

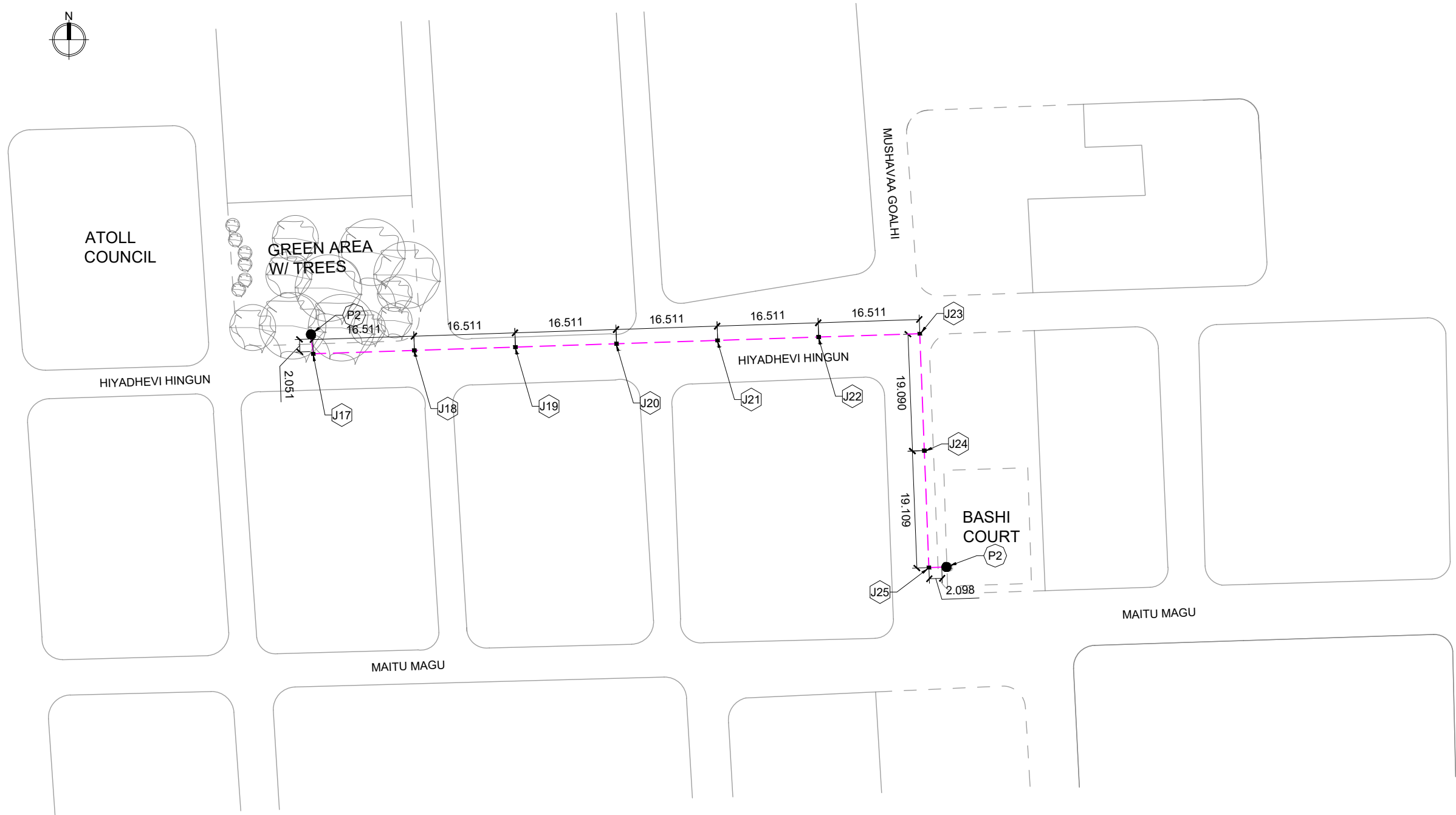
DATE: 09/10/2025

REVISION NO: 00

ISSUED FOR: TENDERING

NOTES:

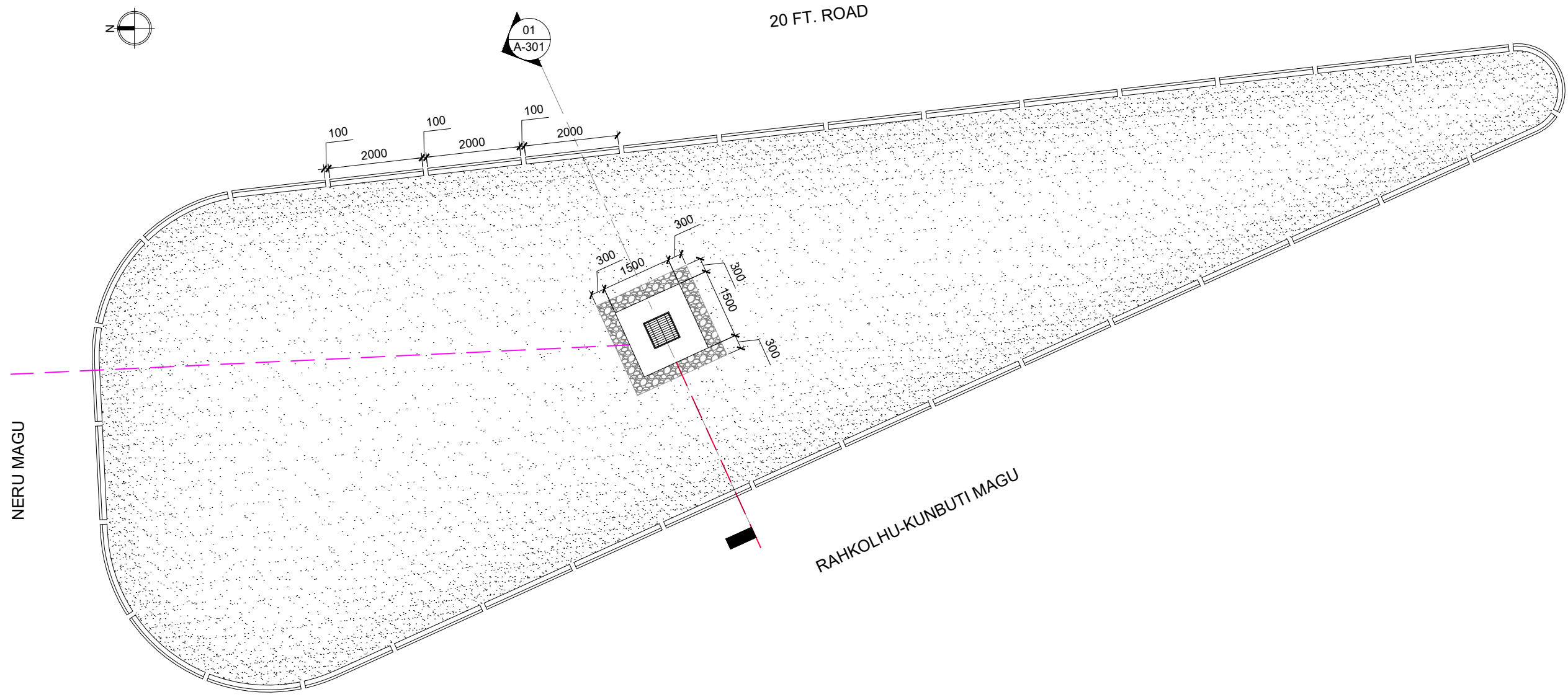
- ALL DIMENSIONS ARE IN METERS
- A PIPE FALL OF 100MM TO BE PROVIDED BETWEEN J5 AND J8
- 08" PVC PIPELINE
- 12" HDPE PIPELINE



SITE PLAN - ATOLL COUNCIL AREA

SCALE: 1:750

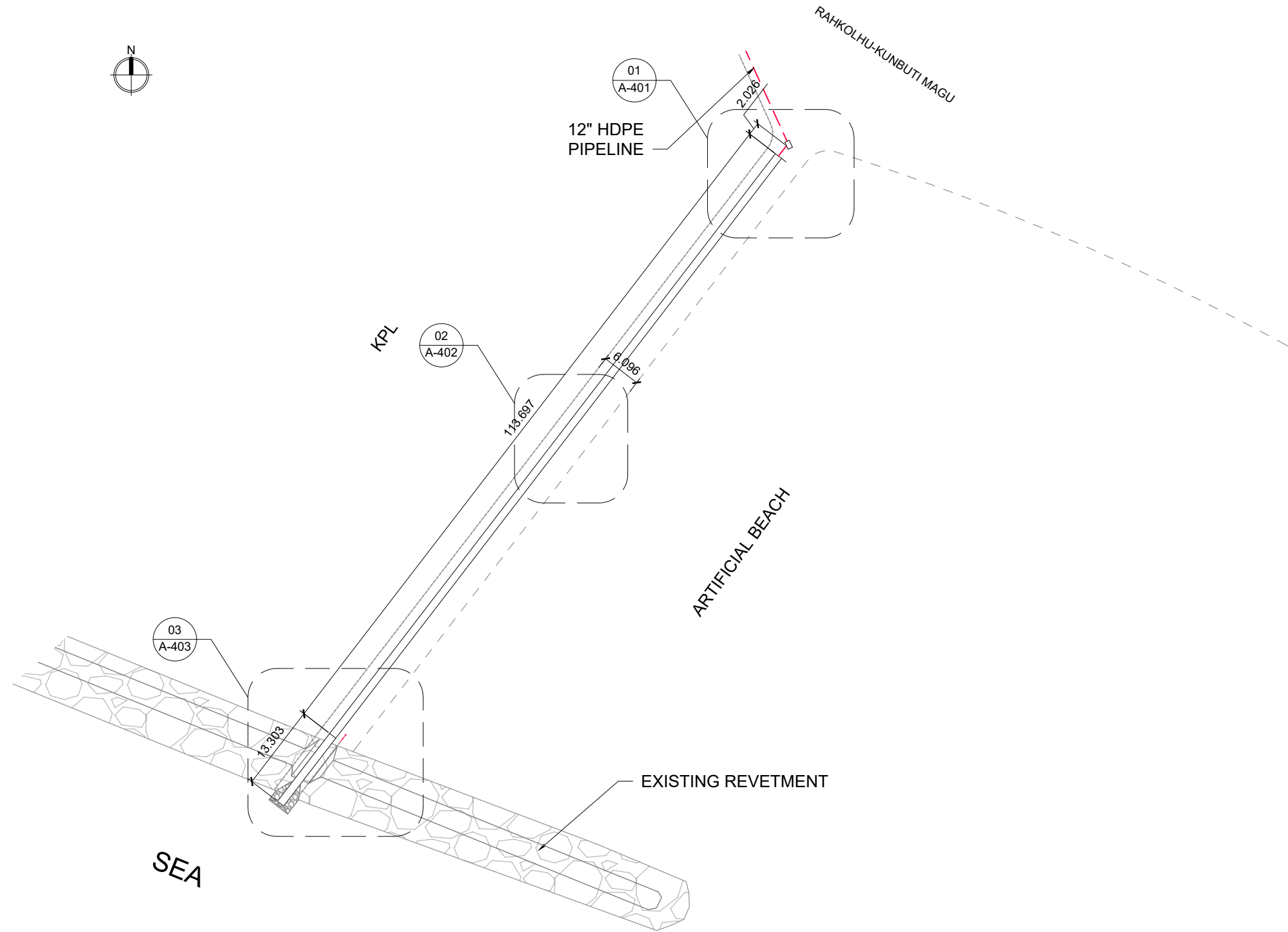
PROJECT: DEVELOPMENT OF STORM WATER DRAINAGE INFRASTRUCTURE AT KULHUDHUFFUSHI CITY	SITE PLAN – ATOLL COUNCIL AREA			NOTES: - ALL DIMENSIONS ARE IN METERS - - - - - 08" PVC PIPELINE
	A-102	SCALE: 1:750	REVISION NO: 00	
PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL		DATE: 09/10/2025	ISSUED FOR: TENDERING	



RAIN GARDEN LAYOUT

SCALE: 1:100

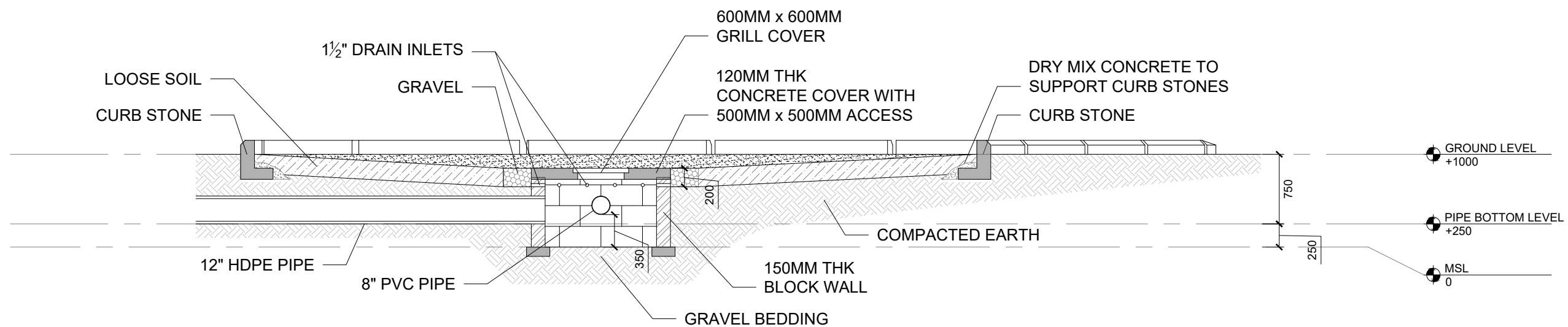
PROJECT: DEVELOPMENT OF STORM WATER DRAINAGE INFRASTRUCTURE AT KULHUDHUFFUSHI CITY	RAIN GARDEN LAYOUT			NOTES: - ALL DIMENSIONS ARE IN MILLIMETERS - - - - 08" PVC PIPELINE - - - - 12" HDPE PIPELINE
	A-103	SCALE: 1:100	REVISION NO: 00	
PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL				
		DATE: 09/10/2025	ISSUED FOR: TENDERING	



CULVERT LAYOUT

SCALE: 1:750

PROJECT: DEVELOPMENT OF STORM WATER DRAINAGE INFRASTRUCTURE AT KULHUDHUFFUSHI CITY	CULVERT LAYOUT			NOTES: - ALL DIMENSIONS ARE IN METERS -  FENCE GATE LOCATION -  12" HDPE PIPELINE
	A-104	SCALE: 1:750	REVISION NO: 00	
PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL				
		DATE: 09/10/2025	ISSUED FOR: TENDERING	



SECTION 01 - RAIN GARDEN DETAILS

SCALE: 1:50

WELL COVER RF DETAILS:

- 50 MM COVER TO BE PROVIDED
- T10 @ 150 C/C BW, SINGLE MESH
- EXTRA BARS TO BE PROVIDED AROUND VOIDS

PROJECT:
DEVELOPMENT OF STORM WATER DRAINAGE
INFRASTRUCTURE AT KULHUDHUFFUSHI CITY

SECTION 01 - RAIN GARDEN DETAILS

A-301

SCALE: 1:50

REVISION NO: 00

DATE: 09/10/2025

ISSUED FOR: TENDERING

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS

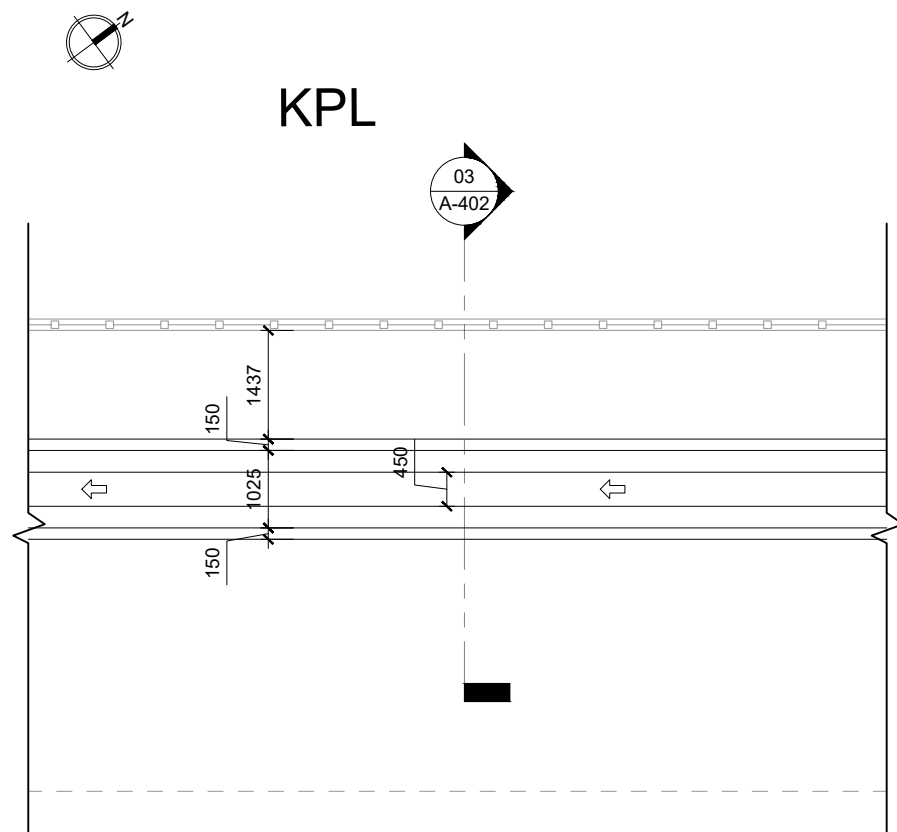
PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS

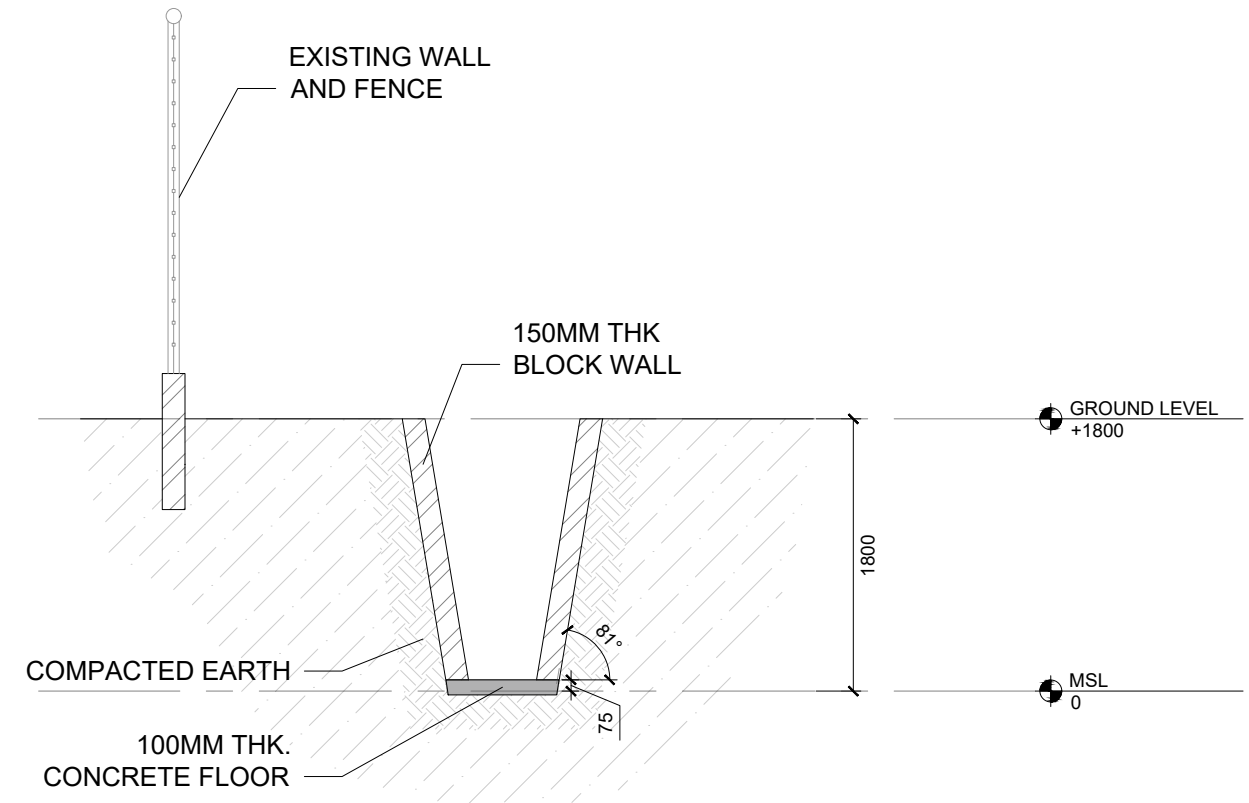
—○—○—○— FENCE GATE LOCATION
- - - - - 12" HDPE PIPELINE



ARTIFICIAL BEACH

DETAIL 2 - CULVERT MIDDLE

SCALE: 1:100



SECTION 3 - CULVERT MIDDLE

SCALE: 1:50

PROJECT:
DEVELOPMENT OF STORM WATER DRAINAGE
INFRASTRUCTURE AT KULHUDHUFFUSHI CITY

PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL

CULVERT MIDDLE DETAIL

A-402

SCALE: AS GIVEN

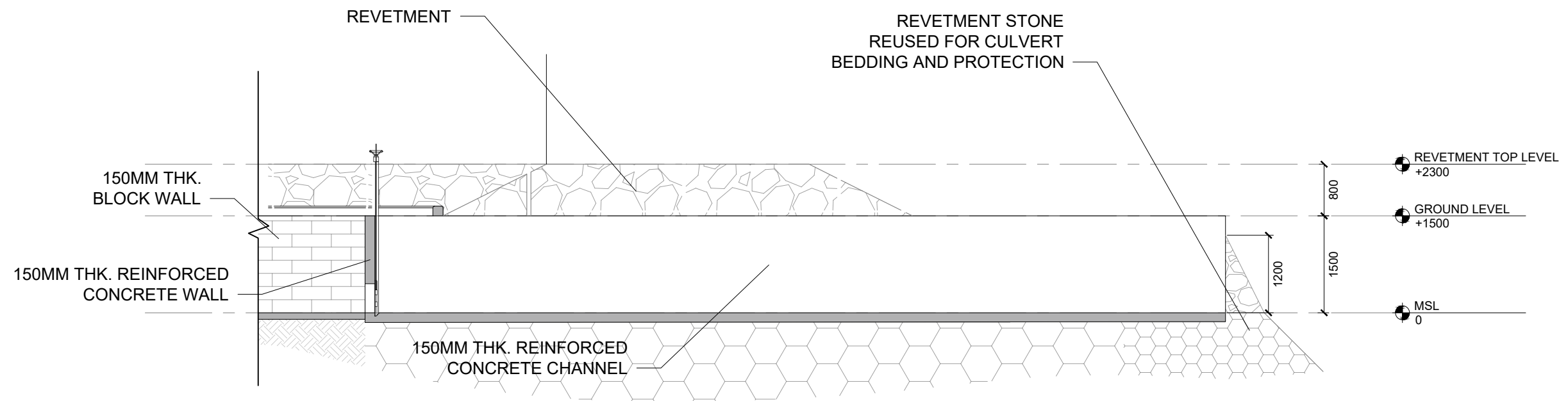
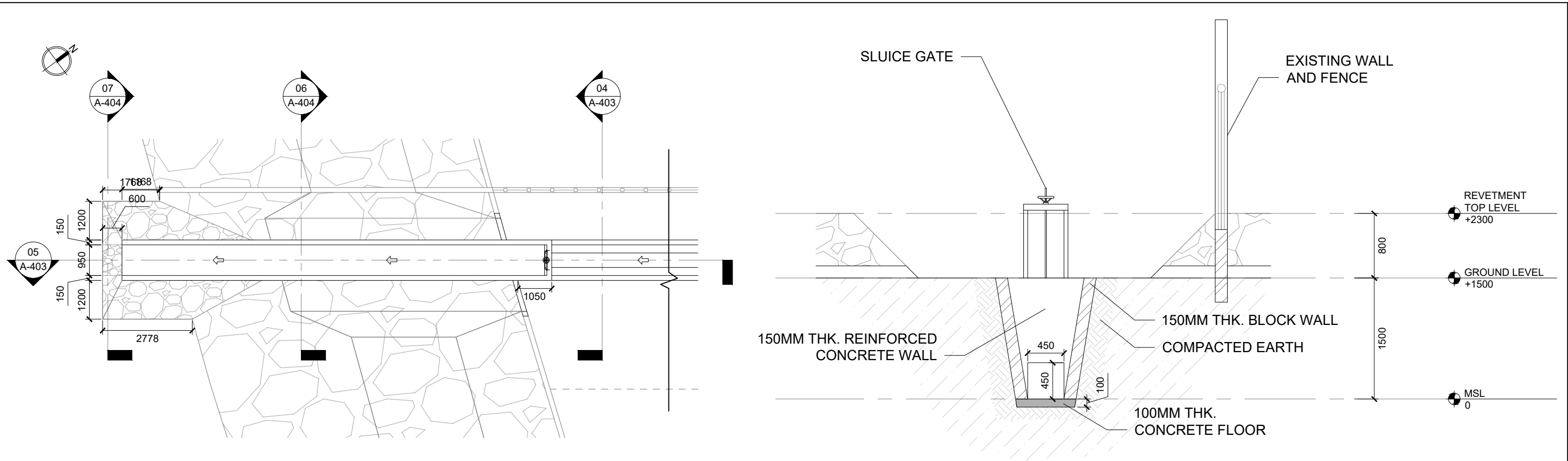
DATE: 09/10/2025

REVISION NO: 00

ISSUED FOR: TENDERING

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS



PROJECT:
DEVELOPMENT OF STORM WATER DRAINAGE
INFRASTRUCTURE AT KULHUDHUFFUSHI CITY

PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL

CULVERT END DETAILS

A-403

SCALE: AS GIVEN

DATE: 09/10/2025

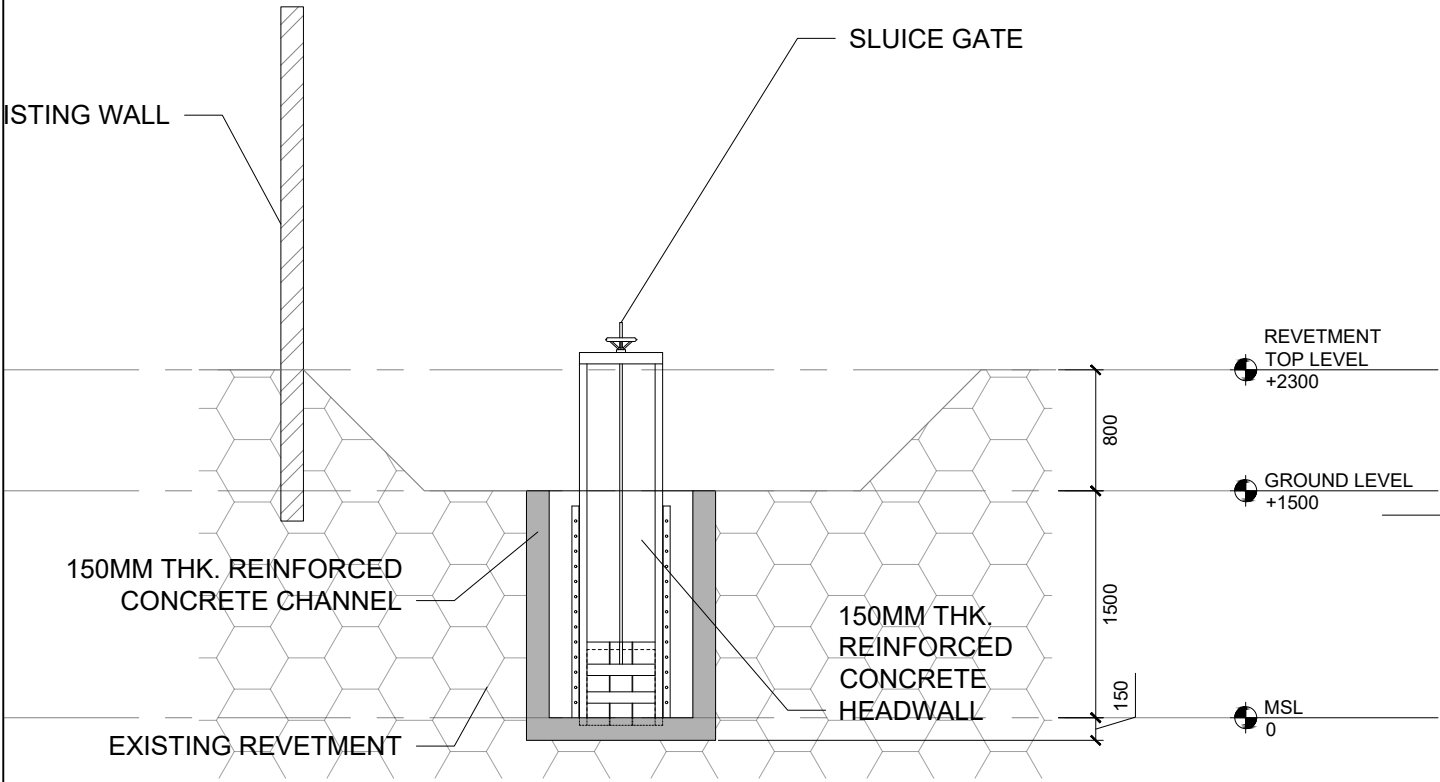
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ISSUED FOR: TENDERING

NOTES:

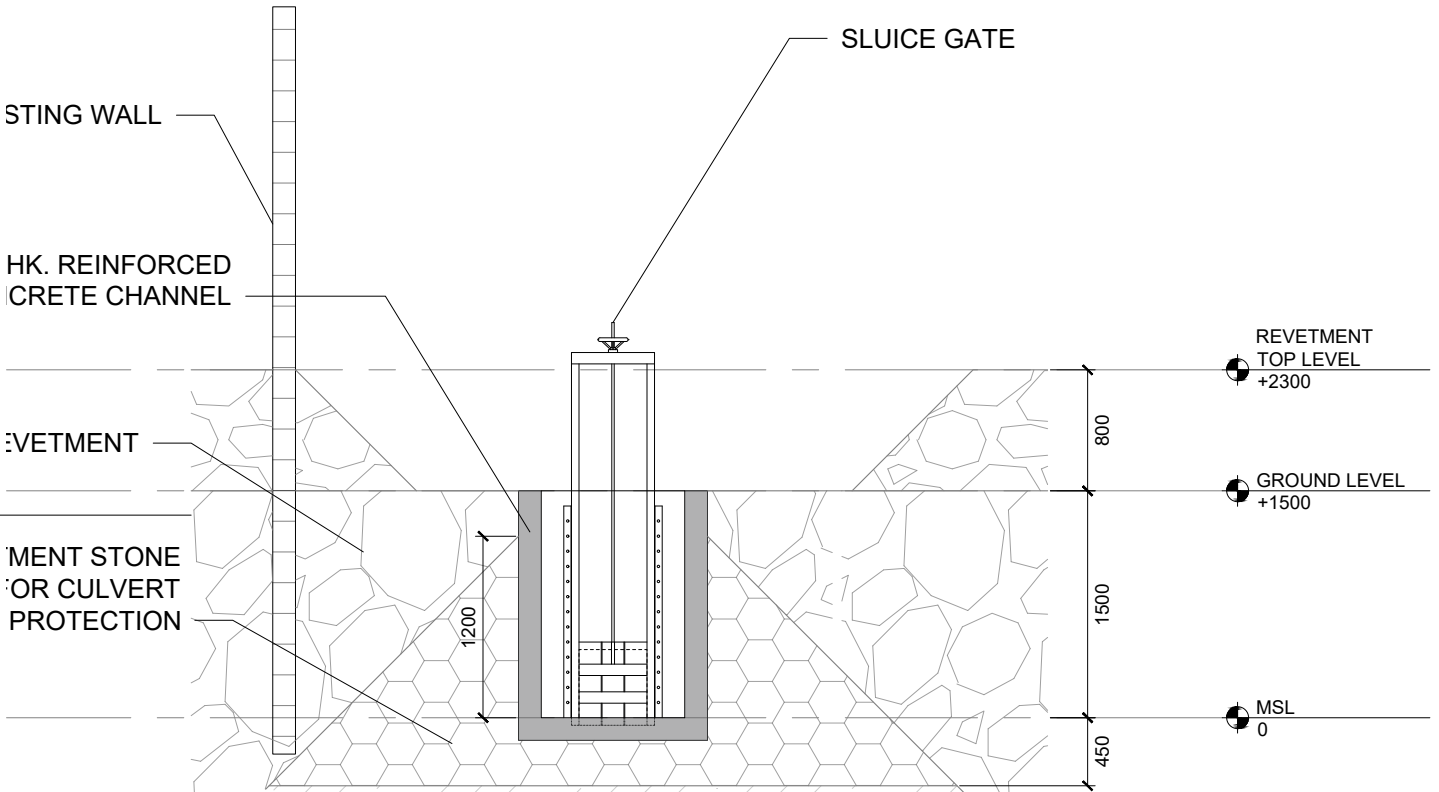
- ALL DIMENSIONS ARE IN MILLIMETERS

—○—○—○— FENCE GATE LOCATION



SECTION 6 - CULVERT END DETAIL

SCALE: 1:50



SECTION 7 - CULVERT END DETAIL

SCALE: 1:50

PROJECT:
DEVELOPMENT OF STORM WATER DRAINAGE
INFRASTRUCTURE AT KULHUDHUFFUSHI CITY

PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL

CULVERT END DETAILS

A-404

SCALE: AS GIVEN

DATE: 09/10/2025

REVISION NO: 00

ISSUED FOR: TENDERING

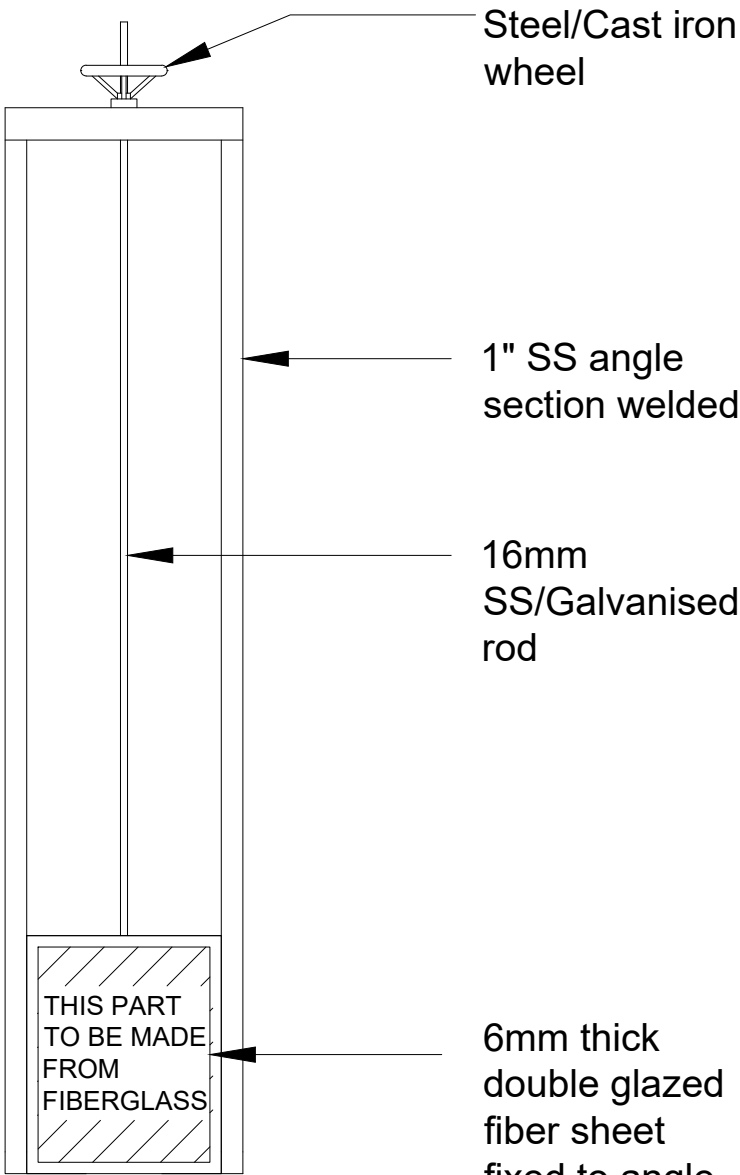
NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS

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SAMPLE PHOTO

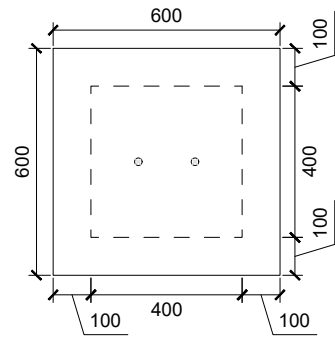


SAMPLE DRAWING

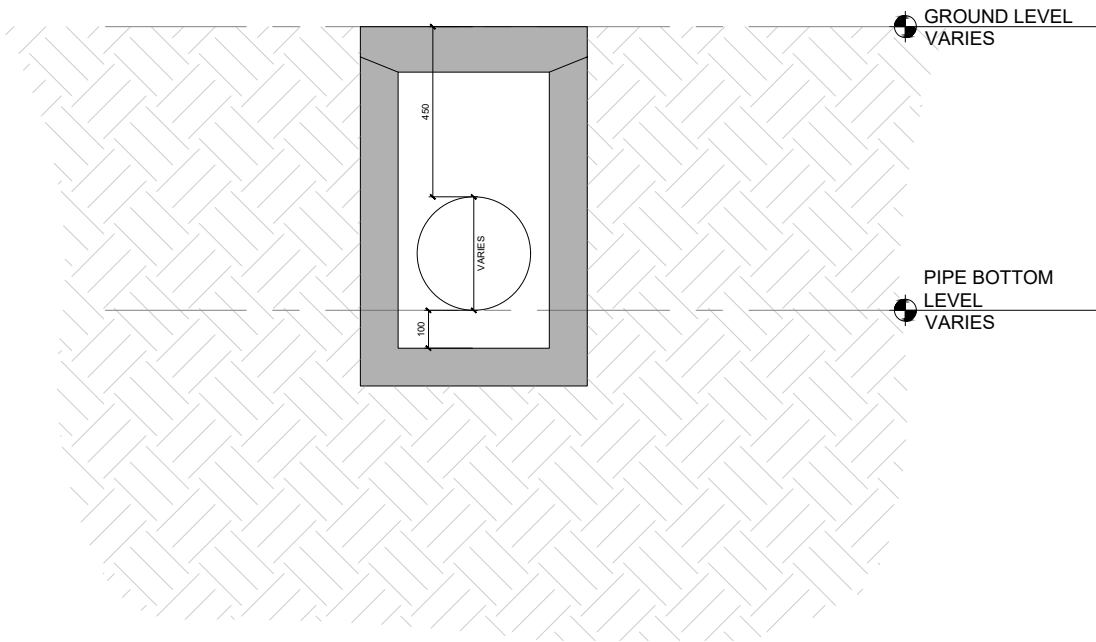
NOTE: SLUICE GATE SHOULD BE MADE FROM HIGH QUALITY STAINLESS STEEL

PROJECT: DEVELOPMENT OF STORM WATER DRAINAGE INFRASTRUCTURE AT KULHUDHUFFUSHI CITY	SLUICE GATE SAMPLE		NOTES: - DRAWING IS NOT TO SCALE - THE SLUICE GATE ILLUSTRATION PROVIDED IS A SAMPLE FOR THE CONTRACTORS REFERENCE - FINAL SLUICE GATE DESIGN TO BE APPROVED BY THE PROJECT SUPERVISOR	
	A-501	SCALE: --		REVISION NO: 00
PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL		DATE: 09/10/2025		ISSUED FOR: TENDERING

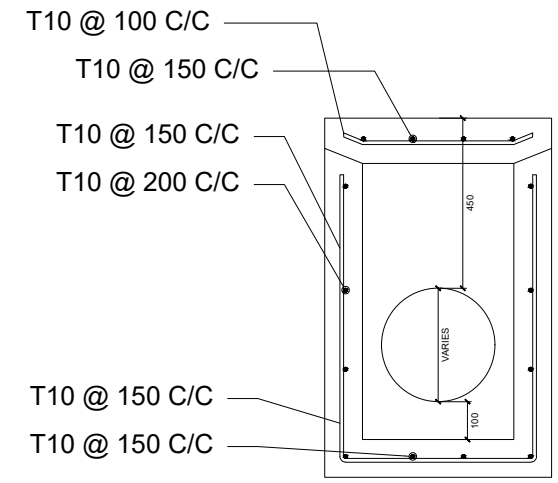
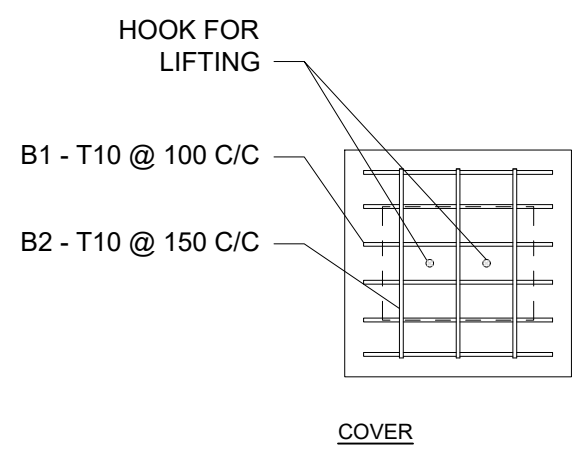
REVISED 12.10.2025



PLAN
SCALE: 1:20



SECTION
SCALE: 1:20



REINFORCEMENT DETAILS
SCALE: 1:20

PROJECT:
DEVELOPMENT OF STORM WATER DRAINAGE
INFRASTRUCTURE AT KULHUDHUFFUSHI CITY

PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL

JUNCTION PIT (J1 - J24) DETAILS

S-401

SCALE: AS GIVEN

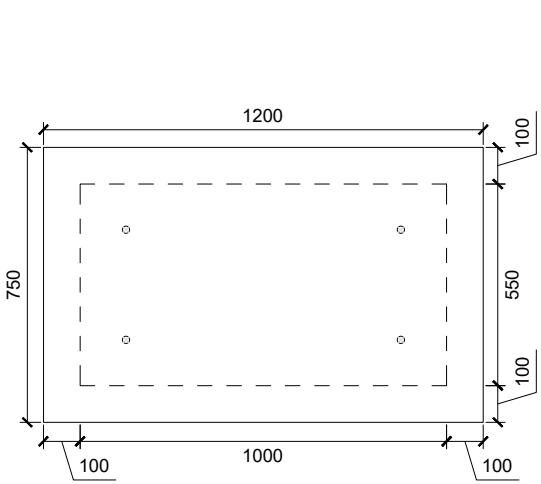
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REVISION NO: 00

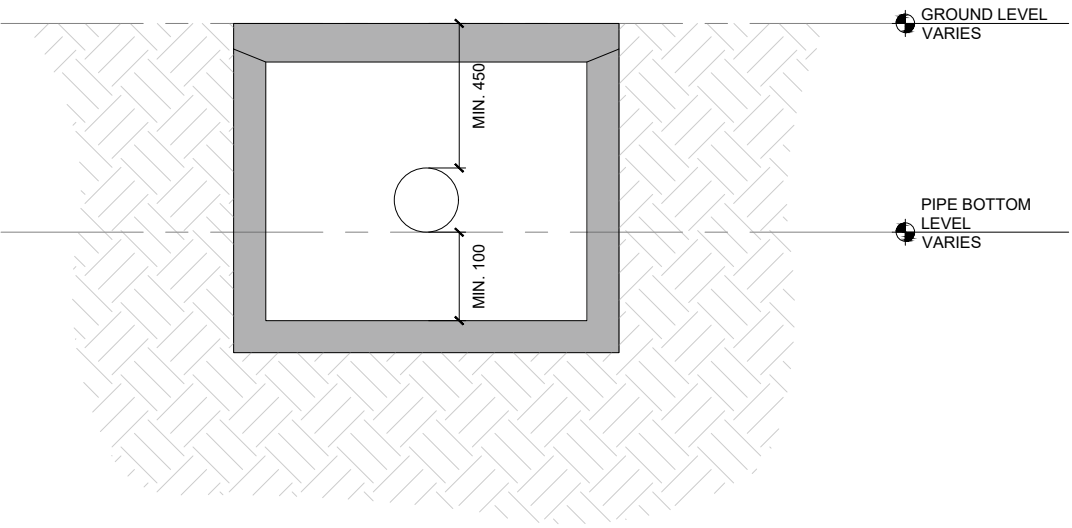
ISSUED FOR: TENDERING

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS
 - 50MM COVER TO BE PROVIDED FOR CONCRETE STRUCTURES IN CONTACT WITH THE GROUND

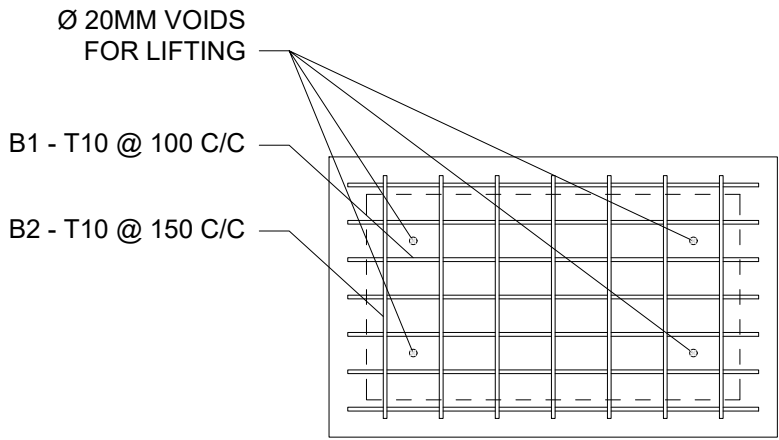
REVISED 12.10.2025



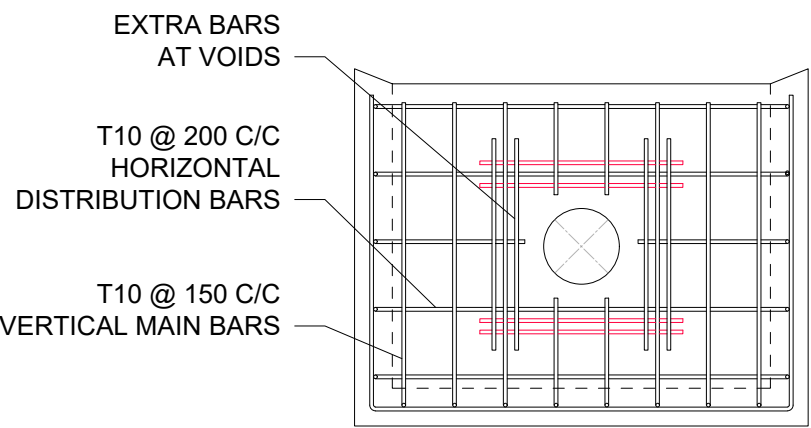
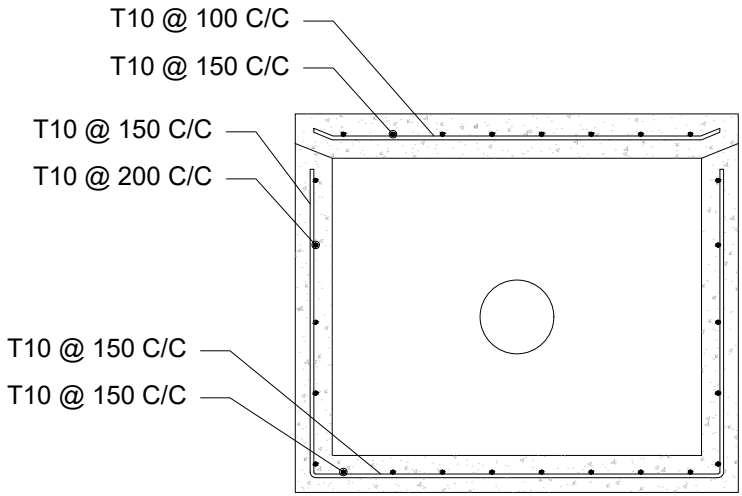
PLAN
SCALE: 1:20



SECTION
SCALE: 1:20



COVER



WALL

REINFORCEMENT DETAILS
SCALE: 1:20

PROJECT:
DEVELOPMENT OF STORM WATER DRAINAGE
INFRASTRUCTURE AT KULHUDHUFFUSHI CITY

PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL

JUNCTION PIT (J25 - J26) DETAILS

S-402

SCALE: AS GIVEN

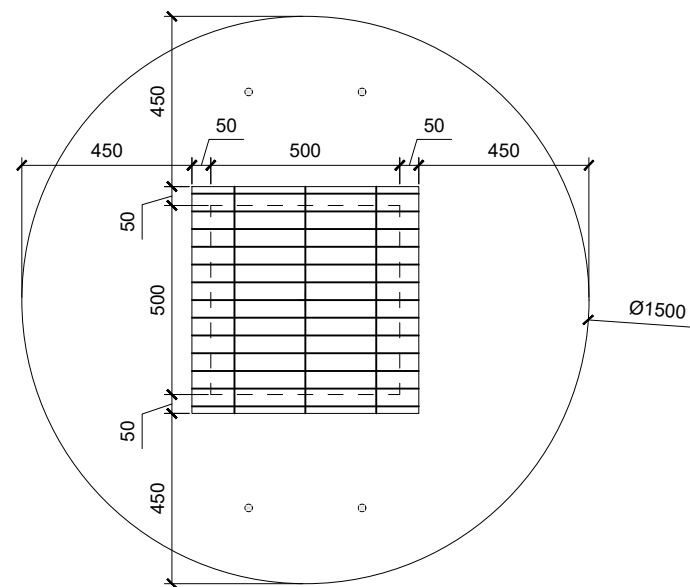
DATE: 09/10/2025

REVISION NO: 00

ISSUED FOR: TENDERING

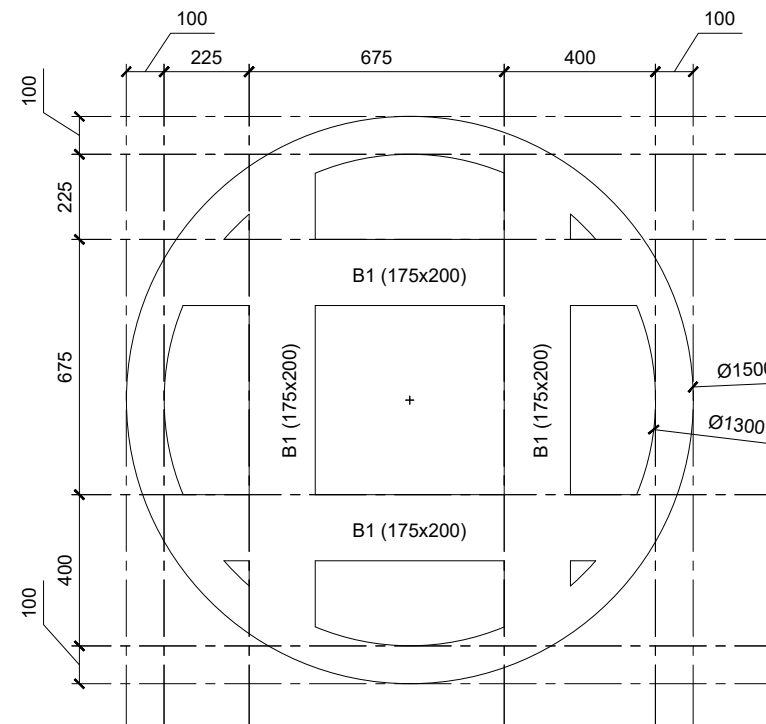
NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS
- 50MM COVER TO BE PROVIDED FOR CONCRETE STRUCTURES IN CONTACT WITH THE GROUND



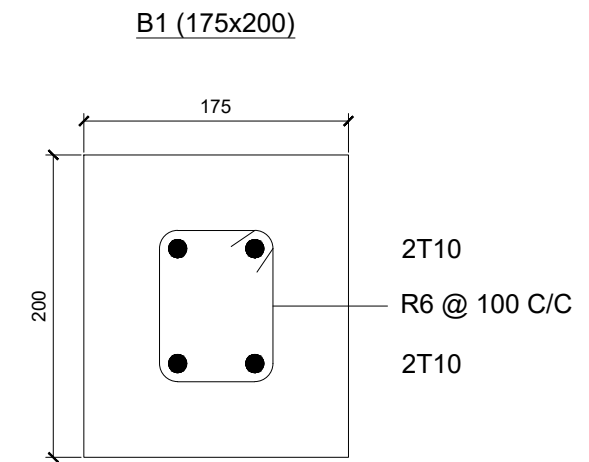
PLAN

SCALE: 1:20



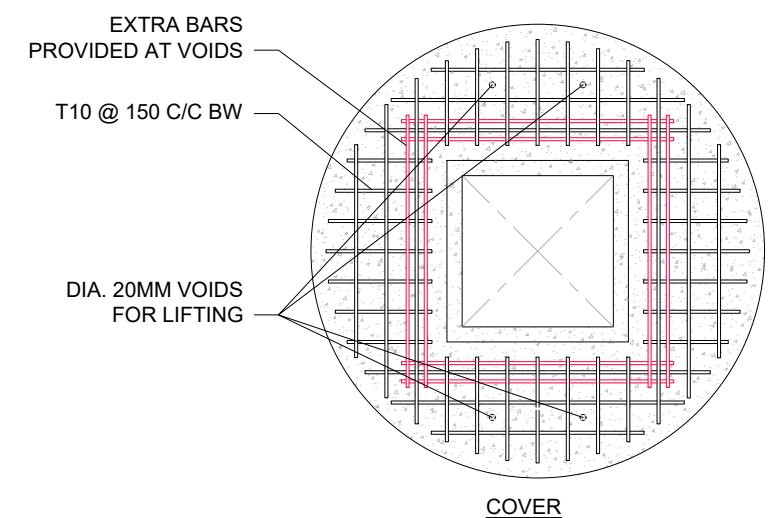
BEAM LAYOUT

SCALE: 1:20

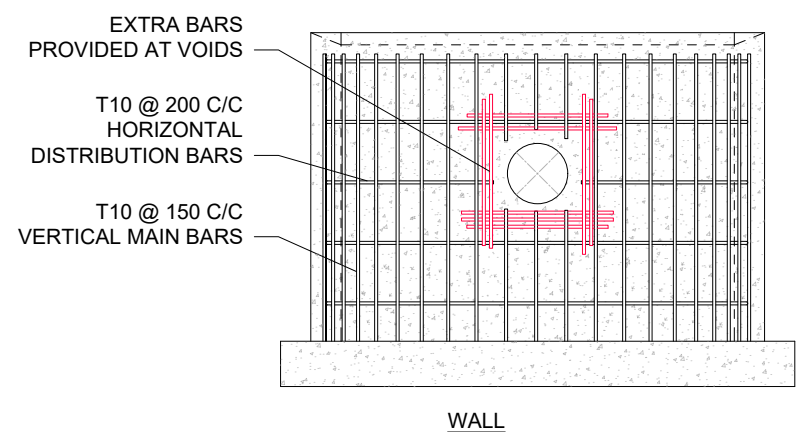


BEAM DETAILS

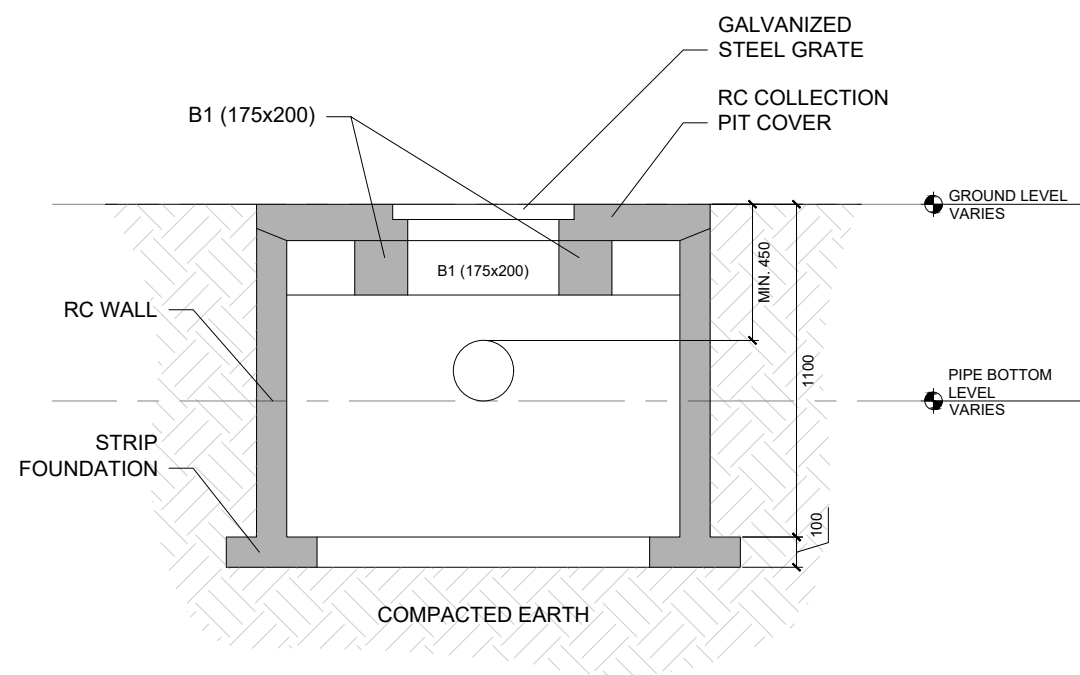
SCALE: 1:5



COVER

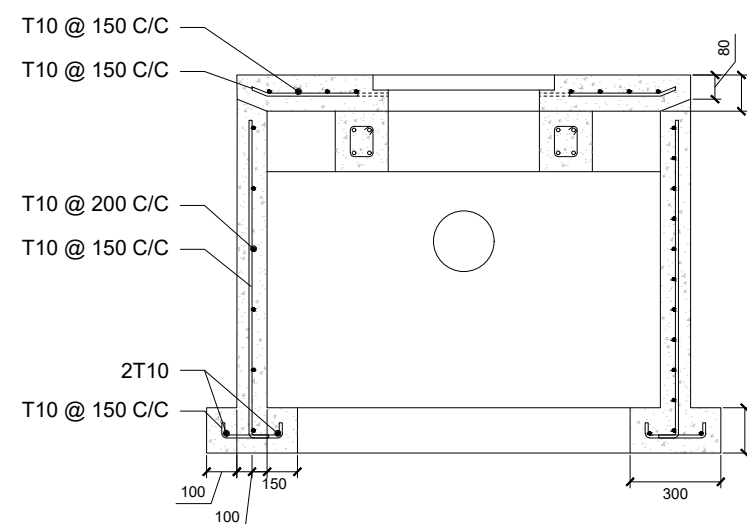


WALL



SECTION

SCALE: 1:20



REINFORCEMENT DETAILS

SCALE: 1:20

PROJECT:
DEVELOPMENT OF STORM WATER DRAINAGE
INFRASTRUCTURE AT KULHUDHUFFUSHI CITY

PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL

COLLECTION PIT DETAILS

S-403

SCALE: AS GIVEN

DATE: 09/10/2025

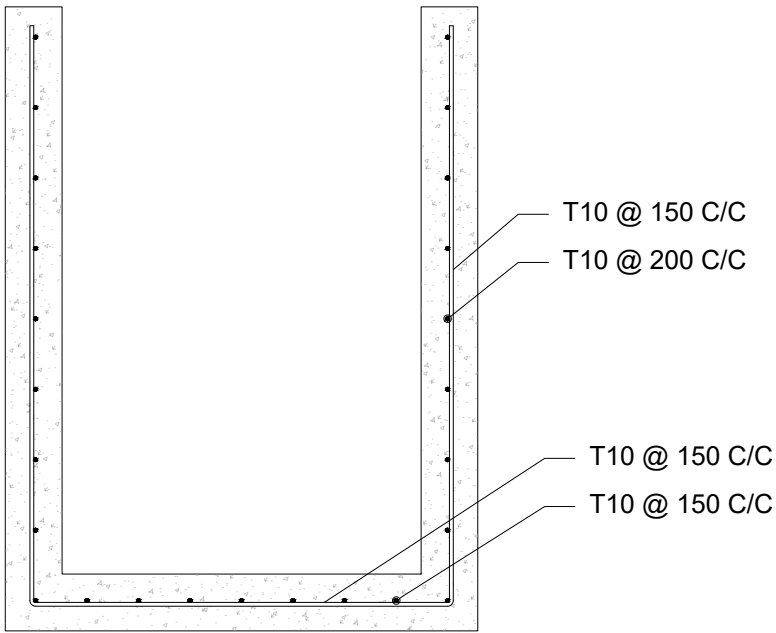
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ISSUED FOR: TENDERING

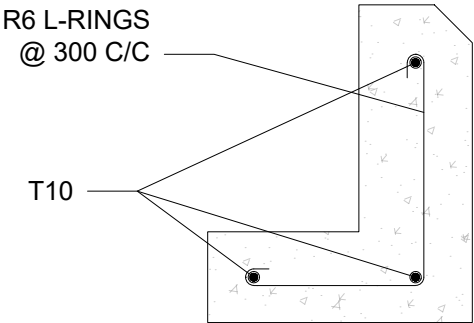
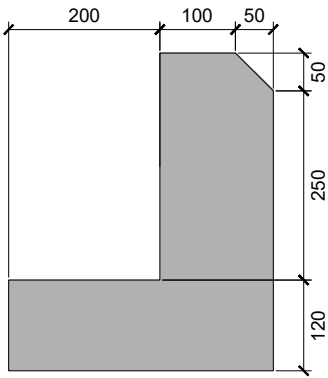
NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS
- 50MM COVER TO BE PROVIDED FOR CONCRETE STRUCTURES IN CONTACT WITH THE GROUND

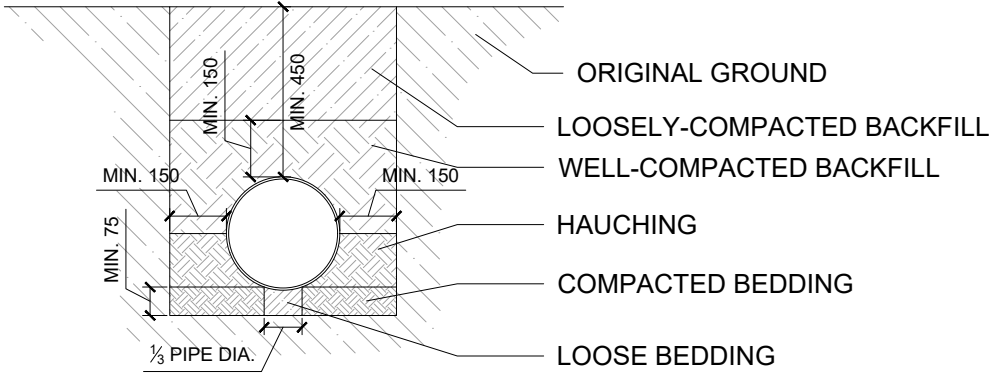
REVISED 12.10.2025



CULVERT CHANNEL REINFORCEMENT DETAIL
SCALE: 1:20



TYPICAL CURB STONE DETAILS
SCALE: 1:10



TYPICAL PIPE TRENCH DETAIL
SCALE: 1:20

PROJECT:
DEVELOPMENT OF STORM WATER DRAINAGE
INFRASTRUCTURE AT KULHUDHUFFUSHI CITY

PROJECT OWNER: MUNICIPAL SERVICE SECTION, KULHUDHUFFUSHI CITY COUNCIL

TYPICAL DETAIL DIAGRAMS

S-501

SCALE: AS GIVEN

DATE: 09/10/2025

REVISION NO: 00

ISSUED FOR: TENDERING

NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS