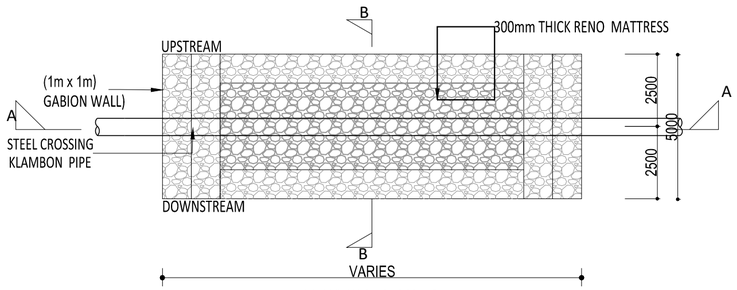
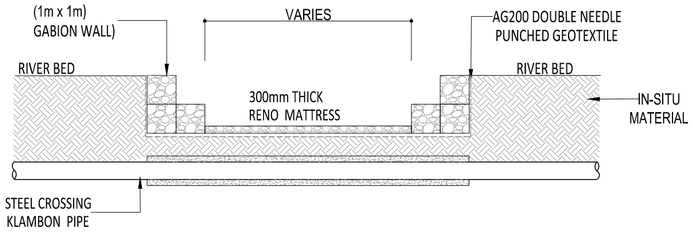
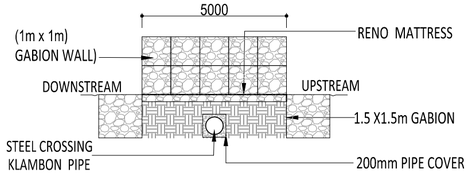


PLAN VIEW OF CROSSING



CROSS SECTION A-A

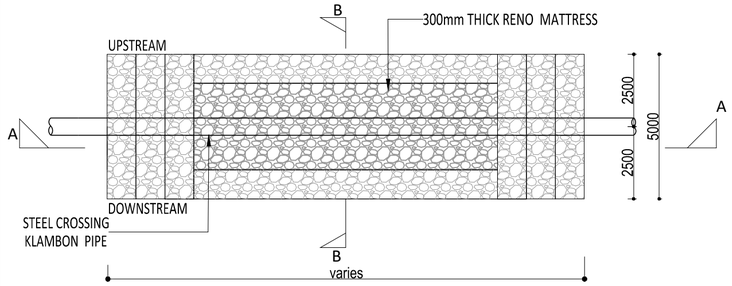


CROSS SECTION B-B

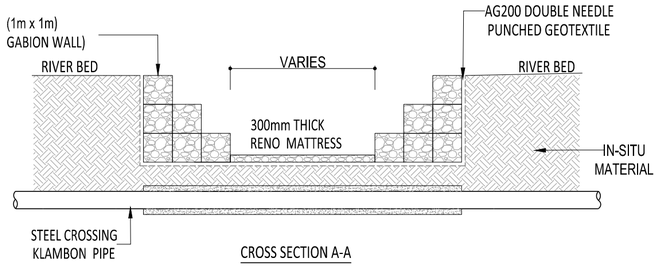
TYPE 3

EROSION CONTROL FOR PIPES BELOW GROUND LEVEL

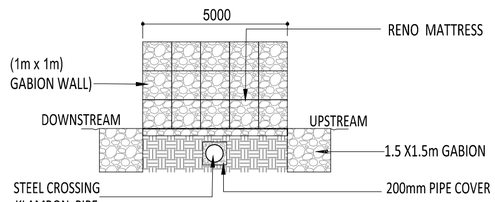
SCALE 1:150



PLAN VIEW OF RIVER CROSSING



CROSS SECTION A-A

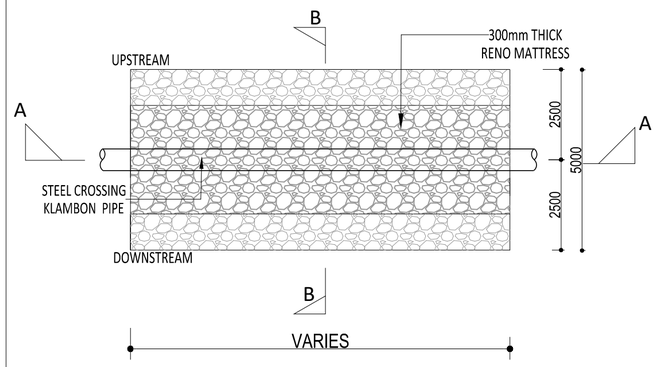


CROSS SECTION B-B

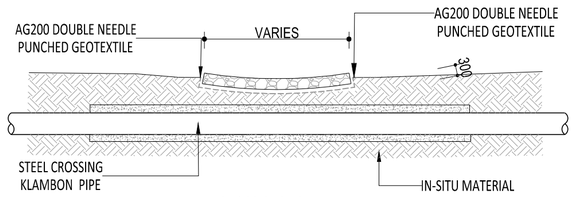
TYPE 4

EROSION CONTROL FOR PIPES BELOW GROUND LEVEL

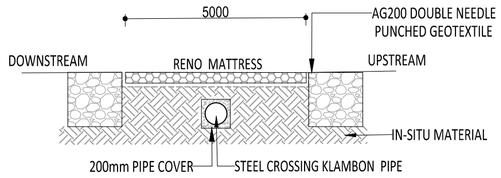
SCALE 1:150



PLAN VIEW OF CROSSING



CROSS SECTION A-A

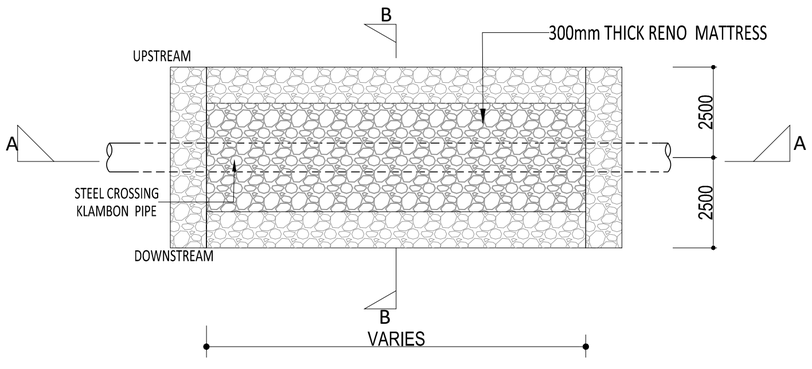


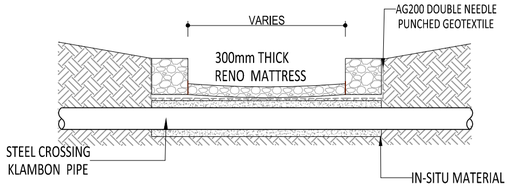
CROSS SECTION B-B

TYPE 1

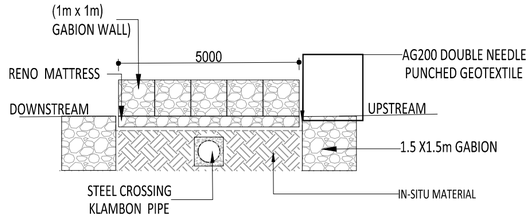
EROSION CONTROL FOR PIPES BELOW GROUND LEVEL

SCALE 1:120





CROSS SECTION A-A



CROSS SECTION B-B

TYPE 2

EROSION CONTROL FOR PIPES BELOW GROUND LEVEL

SCALE 1:120

ISSUED FOR TENDER

NOTES

GABIONS

Lacing of cages
Using adequate quantities of connecting and lacing (binding) wire, the Contractor shall complete the wiring in accordance with the manufacturer's instructions.The force required to separate the edges, the diaphragms and the lids is at least 1.5 kN/m.

Geotextile shall be placed in the positions shown on the drawings. A geotextile shall be placed either

a) with an overlap of at least 300 mm that is securely fastened to prevent any movement or slipping during the placing of gabion cages and rock fill, or

b) provided that it is sewn or bonded in an approved manner, with an overlap of at least 75 mm. A geomembrane shall be joined by means of a welding process or an adhesive that ha:; been approved and is used in accordance with the manufacturer's instructions.

Rockfilling
Selected rock particles of adequate size shall be so packed as to obtain a fair-faced finish. Successive gabion boxes shall be filled in stages, to prevent deformation and bulging.

Testing
The Contractor shall carry out sufficient tests to satisfy himself as to the consistency of materials used for and placed in gabion cages and used for pitching.

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REFERENCE DRAWINGS

REV	DR	CH	DATE	DESCRIPTION

PROJ. NO: UKDM 2-2020

DWG NO: UM-G2-2020-008-EP-00

PROJECT : GREATER INGWAVUMA WATER SUPPLY SCHEME ZONE10: PHASE 2

TITLE : EROSION PROTECTION DETAILS

SCALE: AS SHOWN	DRAWN BY: SK
DATE: 16/03/2020	CHECKED BY: NOK
PAPER SIZE: A2	APPROVED BY: BK