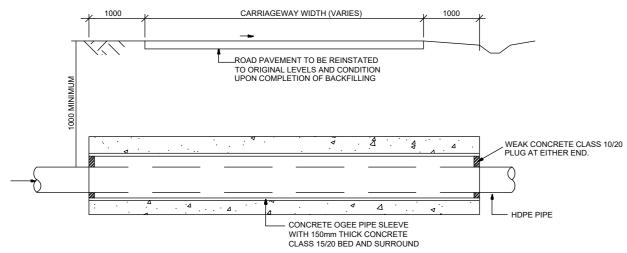


TYPICAL TRENCH DETAIL FOR RETICULATION PIPES (HDPE OR C/L FERROUS PIPES)

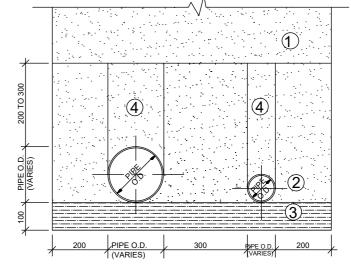
SCALE 1:100



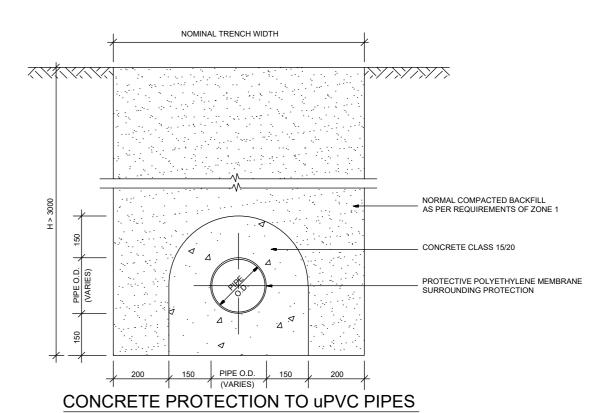
LAYER	1	2	3	4
DEPTH (mm)	150	100	100	100
PASSING SQUARE MESH	38mm (11/2")	20mm (3/4")	12mm (1/2")	5mm (3/16")
RETAINED	20mm (3/4")	12mm (1/2")	5mm (3/16")	2mm (3/32")

TOP SAND LAYER 750mm EFFECTIVE SIZE 0.7mm

DETAILS OF FILTER MEDIA IN RAPID SAND FILTERS



TWIN PIPES IN SINGLE TRENCH



NOTES

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED

LAID AT DEPTHS GREATER THAN 3.0m

ABBREVIATIONS

O.D. - Outside Diameter

cor C/L - Centre line

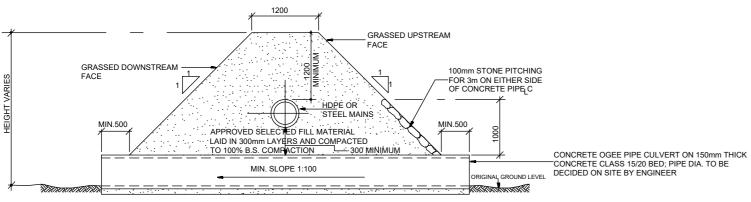
mm - Milimeter

m - Meter

> - Greater Than

MIN - Minimum

TYPICAL ROAD PIPE CROSSING DETAIL FOR HDPE PIPES SCALE A1- 1: 100



TYPICAL DETAIL OF PIPE CROSSING SEASONAL STREAM / DRAINAGE DITCH

REVISIONS		DESIGN DRAWING				
REV.No.	DATE	DESCRIPTION	DECICIT DIVIVING			
			DRAWN BY	DATE		
			PLC	AUGUST 2024		
			APPROVED BY	SCALE(S)		
			NRWM/PDCE	AS SHOWN		
			SHEET	DRAWING NO.		
			1/2	WFL/SD/002		



KISUMU WATER & SANITATION P.O BOX 3210-40100 KISUMU, KENYA

PROJECT TITLE NYAMASARIA AQUA UPLIFT LIFTING COMMUNITIES OUT OF WATER & SANITATION STAGNATION

DRAWING TITLE PIPE TRENCH DETAILS

