



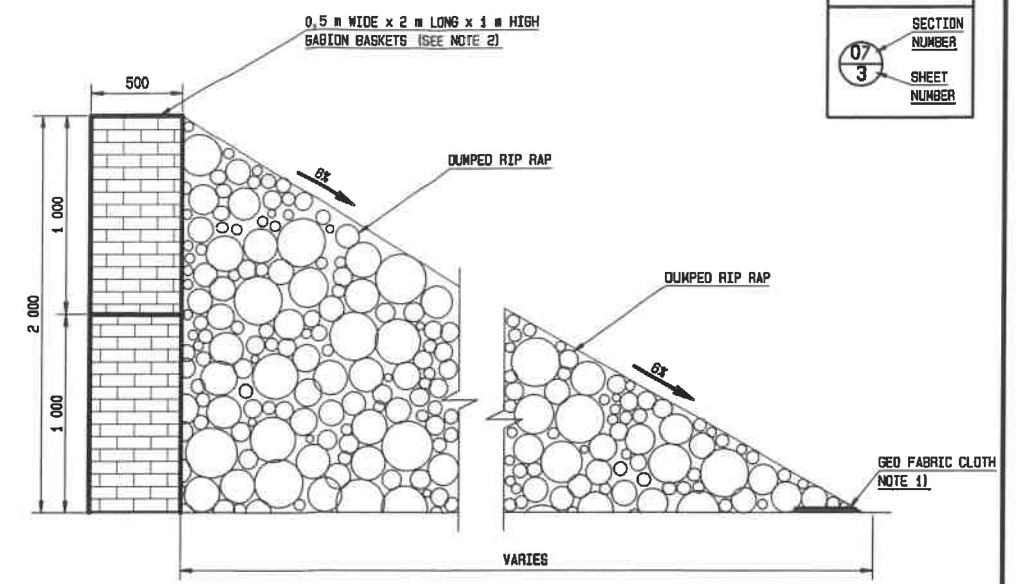
GABION BASKETS
(SEE NOTE 2)

GEO FABRIC CLOTH
(SEE NOTE NO. 1)

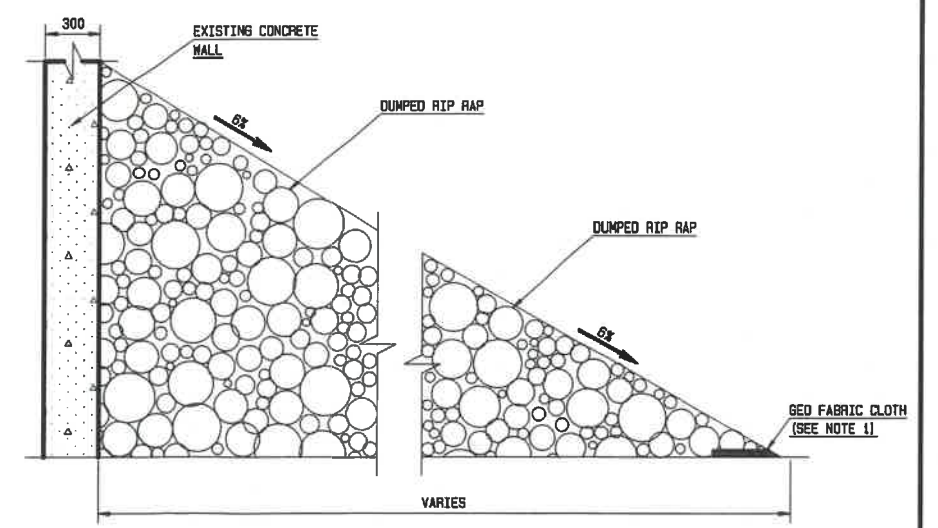
GEO FABRIC CLOTH
(SEE NOTE NO. 1)

AREA TO BE FILLED WITH
DUMPED RIP RAP

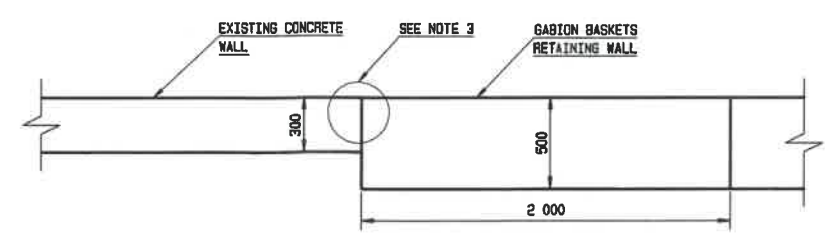
PLAN VIEW
NOT TO SCALE



SECTION 01-01 GABION RETAINING WALL
SCALE 1:20



SECTION 02-02 CONCRETE RETAINING WALL
SCALE 1:20



DETAIL 'A'
SCALE 1:20

NOTES:

1. GEO FABRIC CLOTH MUST BE LINED ALONG THE EDGES OF THE AREA TO BE FILLED BEFORE DUMPING THE RIP RAP.
2. GABION BASKETS MUST BE USED TO EXTEND THE LENGTH OF THE EXISTING CONCRETE RETAINING WALL.
3. THE NEW GABION BASKETS RETAINING WALL MUST FLUSH WITH THE EXISTING CONCRETE RETAINING WALL.

QUANTITIES:

1. GEO FABRIC CLOTH = 120 m LONG
2. GABION BASKETS = 36 BASKETS
3. DUMPED RIP RAP = 3 500 m²

PLEASE NOTE THAT THE QUANTITIES WERE CALCULATED BASED ON THE ASSUMED DUMPING HEIGHT OF 2 m, WITH 5% SLOPE. SHOULD ANY DEVIATIONS ARISE, QUANTITIES SHOULD ALSO BE RECALCULATED.



SHEET	DESCRIPTION	OTHER No.	REV. No.
	LIST OF DRAWINGS		

REVISION				DEPARTMENT OF WATER AND SANITATION REPUBLIC OF SOUTH AFRICA		ORIEL BARRAGE REHABILITATION OF RIVERBANKS							
MOD No.	DATE	DESCRIPTION	FOR	DWS	HEAD OFFICE STRATEGIC ASSET MANAGEMENT PRIVATE BAG X313 PRETORIA 0001		SEDIBENS BUILDING 185 FRANCIS BAARD STREET PRETORIA (012) 338-7500		RIVERBANK EROSION PROTECTION				
					CHECKED: <i>[Signature]</i>	DATE: 17/07/2019	DESIGN: DAM SAFETY SURVEILLANCE	APPROVAL / DESIGN CHECKED: <i>[Signature]</i>	DATE: 17/07/2019	PROVINCE: KWAZULU-NATAL	DISTRICT: -	KEYCODES: CON PLN SEC DAL -	OTHER NUMBER: -
					DESIGNER: <i>[Signature]</i>	DATE: 17/07/2019	LOCALITY No.: -	TENDER / CONTRACT No.:	SHEET	REV. No.	1 OF 1	REV.	00
					CHIEF ENGINEER / APP. (Pr. Eng):	DATE:	DIRECTOR (Pr. Eng):	DATE:	CALCULATION FILE:				