



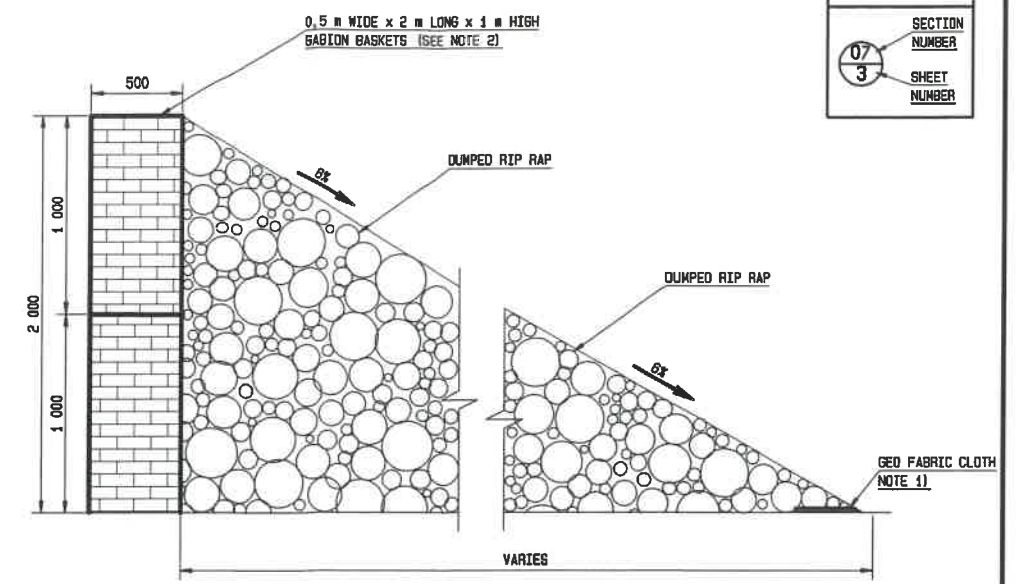
GABION BASKETS
(SEE NOTE 2)

GEO FABRIC CLOTH
(SEE NOTE NO. 1)

GEO FABRIC CLOTH
(SEE NOTE NO. 1)

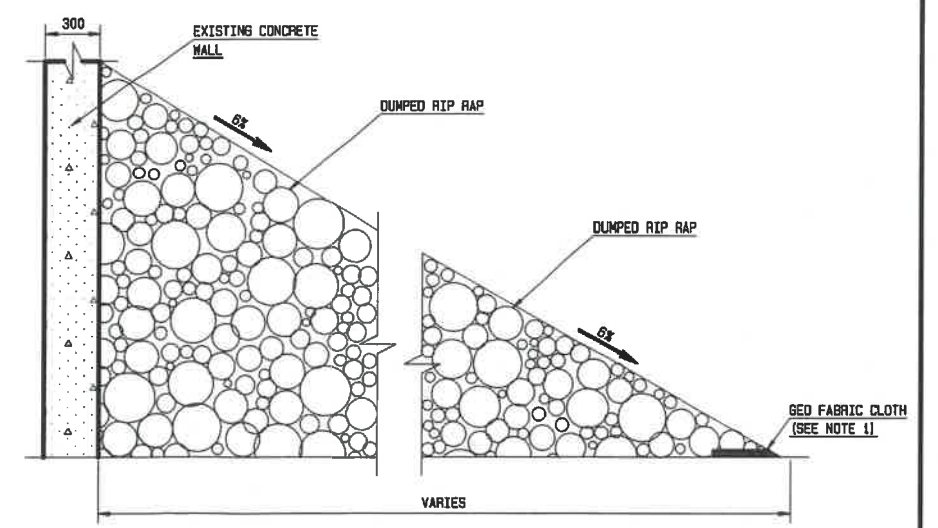
AREA TO BE FILLED WITH
DUMPED RIP RAP

PLAN VIEW
NOT TO SCALE

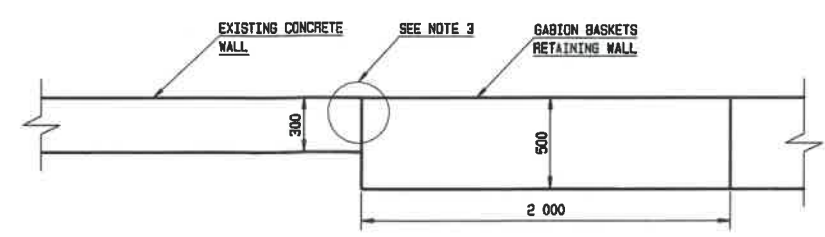


SECTION
SECTION NUMBER
07
3
SHEET NUMBER

SECTION 01-01 GABION RETAINING WALL
SCALE 1:20



SECTION 02-02 CONCRETE RETAINING WALL
SCALE 1:20



DETAIL 'A'
SCALE 1:20

NOTES:

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

QUANTITIES:

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

PLEASE NOTE THAT THE QUANTITIES WERE CALCULATED BASED ON THE ASSUMED DUMPING HEIGHT OF 2 m, WITH 6% SLOPE. SHOULD ANY DEVIATIONS ARISE, QUANTITIES SHOULD ALSO BE RECALCULATED.



REVISION		FOR		DWS	
MOD No.	DATE	DESCRIPTION			

DEPARTMENT OF WATER AND SANITATION REPUBLIC OF SOUTH AFRICA		HEAD OFFICE STRATEGIC ASSET MANAGEMENT PRIVATE BAG X313 PRETORIA 0001		SEDIENSBUILDING 185 FRANCIS BAARD STREET PRETORIA (012) 338-7500	
CHECKED:	DATE:	DESIGN:	DATE:	APPROVAL / DESIGN CHECKED:	DATE:
CHIEF ENGINEER / APP. (Pr. Eng):	DATE:	DIRECTOR (Pr. Eng):	DATE:		

ORIEL BARRAGE REHABILITATION OF RIVERBANKS					
RIVERBANK					
EROSION PROTECTION					
PROVINCE:	KWAZULU-NATAL	DISTRICT:	-	KEYCODES:	CON PLN SEC DAL - OTHER NUMBER -
LOCALITY No.:	-	TENDER / CONTRACT No.:	-	SHEET	1 OF 1
CALCULATION FILE:	-			REV.	00