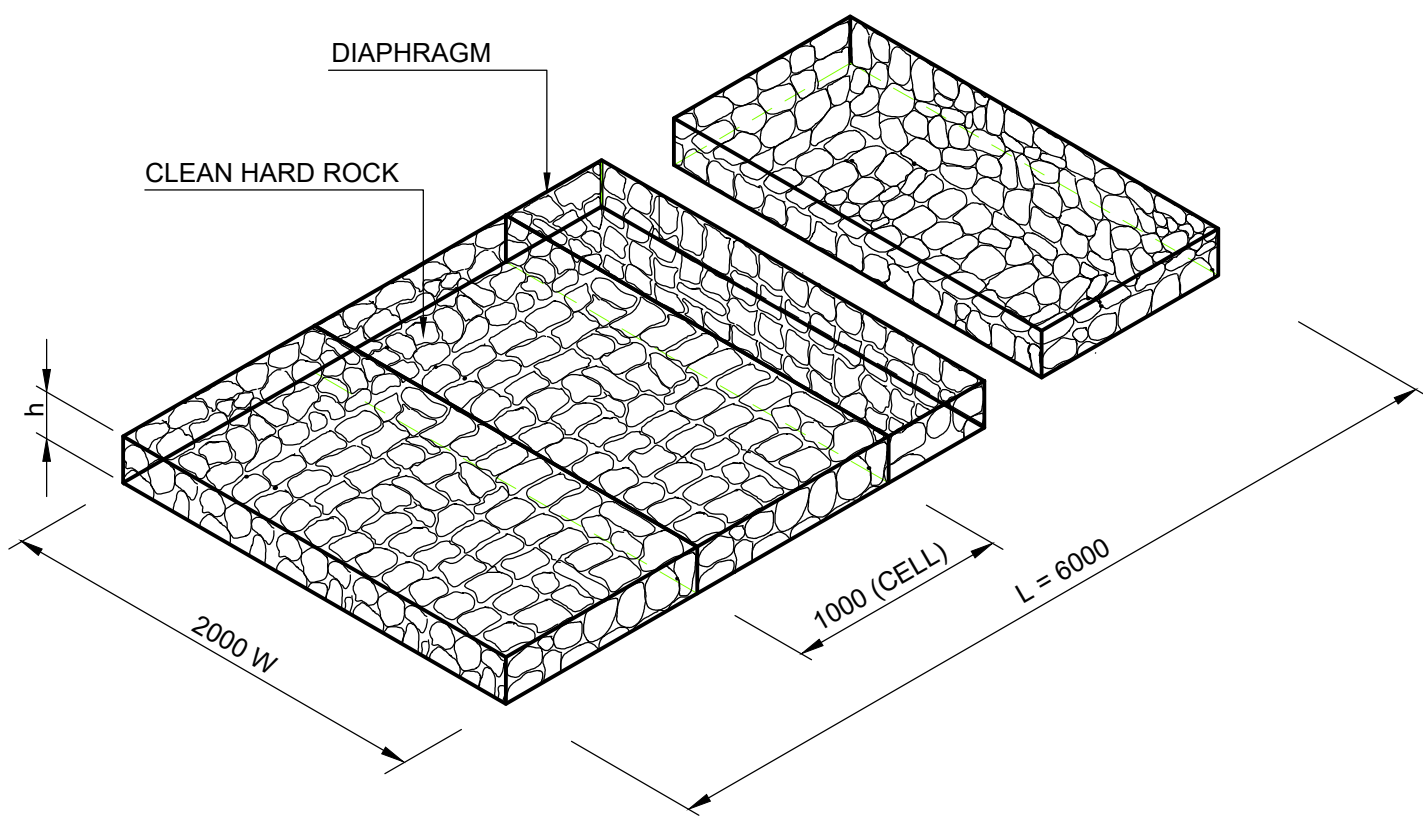
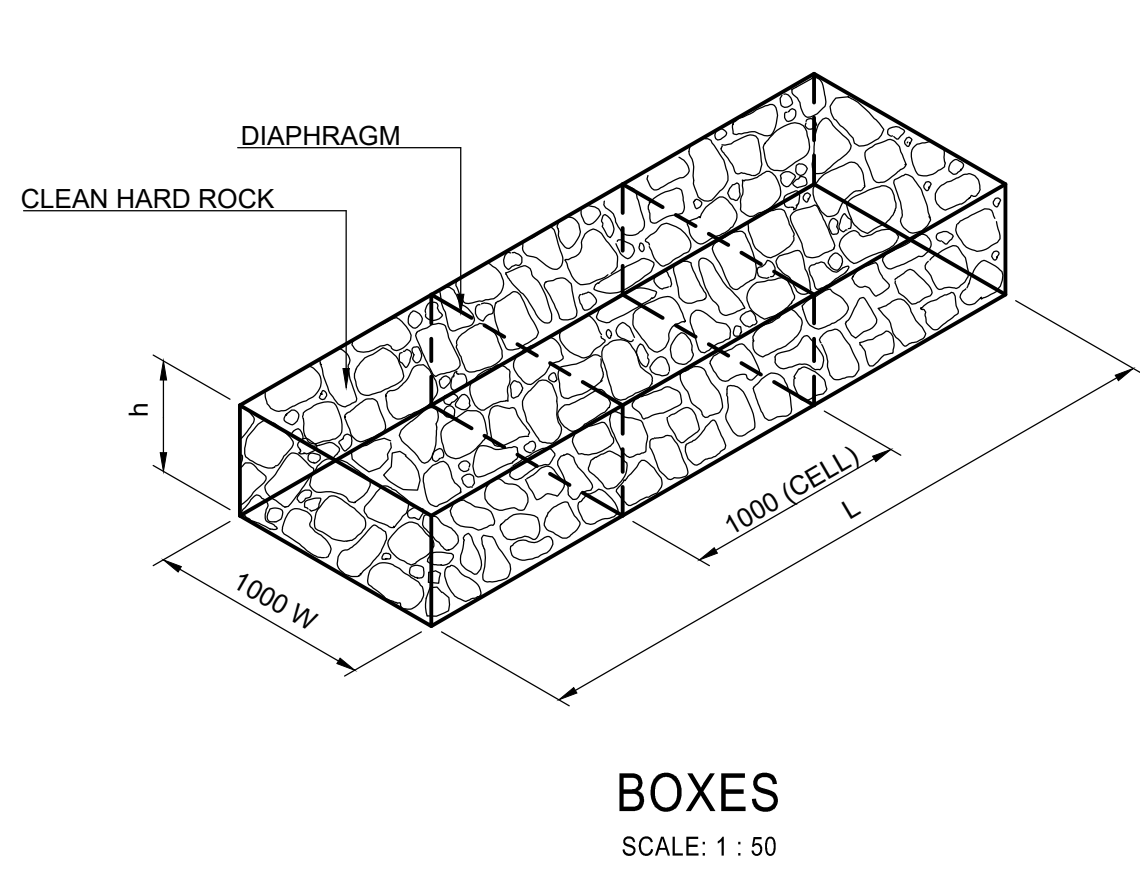




GABIONS



MATTRESSES
SCALE: 1 : 50

DESIGN INFORMATION FOR GABIONS			
STANDARD SIZES FOR BOXES (mm)			
LENGTH (L)	1000	2000	3000
WIDTH (W)	1000		
DEPTH (H)	500	1000	
DIAPHRAGM SPACING	1000		
STANDARD SIZES FOR MATTRESSES (mm)			
LENGTH (L)	6000		
WIDTH (W)	2000		
DEPTH (H)	170	230	300
MESH SIZE AND WIRE DIAMETER FOR CAGES (mm)			
DEPTH OF GABION	MESH SIZE	WIRE DIA.	
500 mm AND OVER	80 x 100	2.7	
200 mm TO 300 mm	80 x 100	2.5	
ROCK SIZES FOR FILLING CAGES (mm)			
DEPTH OF CAGE	MIN.	MAX.	
230	100	125	
300	100	200	
500	100	250	
1000	100	300	
GALVANISED STEEL ANCHORS FOR MATTRESSES			
1500mm			
MATTRESSES	Y10 - 1500 x 1500mm		
INLETS AND OUTLETS	Y20 - 500mm		

PLAN OF DOWN CHUTE AND ENERGY BREAKER
(REFER TO DWG No. TD-D-RD-002)
SCALE: 1: 50

			CONSTRUCTION RECORD		 Registration No: 2017/026970/07	<i>Regus Business Centre Ground Floor, Unit 082 Vodacom Lane, Nobel Street, Brandvlei, Bloemfontein, 9301</i> P.O. Box 26268 Langerhovenspark 9330 E-mail: info@qaconsulting.co.za Website: www.qaconsulting.co.za Tel: 051 101 2312	DESIGNED BY		CONSULTANT APPROVAL		HEAD OFFICE 48 Tambotie Avenue Val de Grace Pretoria 0184 PO Box 415 Pretoria 0001 South Africa Tel: (012) 844 8000	 BUILDING SOUTH AFRICA THROUGH BETTER ROADS	WESTERN REGION 1 Havenga Street Oakdale Bellville 7530 Private Bag X19 Bellville 7535 Tel: (021) 957 4600	ACCEPTANCE THIS ACCEPTANCE IS FOR PROCEDURAL AND ADMINISTRATIVE REVIEW PURPOSES ONLY AND DOES NOT ATTRACT LEGAL LIABILITY OR LIABILITY OF ANY KIND FROM WHATSOEVER CAUSE OR HOWEVER ARISING for CEO: SA NATIONAL ROADS AGENCY SOC LTD. Date:	PROJECT DESCRIPTION THE PERIODIC MAINTENANCE (REPAIR AND RESEAL) OF NATIONAL ROUTE 10 SECTION 5 FROM LUIPERTSKOP (km 40.00) TO HANOVER (km 62.17)		PROJECT NUMBER N.010-050-2020/3											
			WORKS CONTRACT ENGINEER Name : Giet van Niekerk Prof. Reg. No. : 790095 Date : 2022/10/31				NAME : Giet van Niekerk Prof. Reg. No. : 790095 CHECKED BY		Name : Giet van Niekerk Prof. Reg. No. : 790095 Date : 2022/10/31						DRAWING LOCATION DATA ROUTE SECTION		START		END									
			SANRAL PROJECT MANAGER Name : Imelda Jukes Date : 2022/10/31				NAME : Giet van Niekerk Prof. Reg. No. : 790095 DRAWN BY		Name : Giet van Niekerk Prof. Reg. No. : 790095 Date : 2022/10/31						DRAWING NAME EROSION CONTROL STONE PITCHING AND GABIONS		DRAWING km DISTANCE		GEOTECHNICAL - SLOPE PRIOR									
V1 30/09/2022 ORIGINAL VERSION			CONSULT. ENG.				NAME : Leonie Coffee								BRIDGE/STRUCTURE No. NA		CONSULTANT DRAWING No. FA		PM05-T-016		VER							
No.	DATE	REVISION													SCALE : AS SHOWN		SHEET 2 OF 3		SANRAL DOCUMENT #		TENDER PURPOSES ONLY							