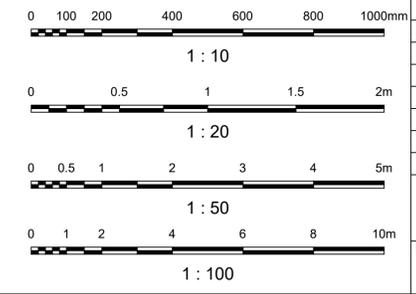


NOTE:

- RIP RAP TO BE PLACED NOT DROPPED TO PREVENT DAMAGE TO GEOTEXTILE
- SPILLWAY BOTTOM AND LATERAL ADJOINING SLOPES TO BE PROTECTED WITH MASONRY STEPS FORMED FROM THE REMOVED DAM MATERIAL.
- MASONRY AT THE SPILLWAY BOTTOM TO BE MORTARED. MORTAR TO BE GRADE M6 OR ABOVE
- SCOUR PROTECTION AT THE TOE TO BE FORMED BY MASONRY REMOVED FROM THE DAM (d50 = 0.30m MINIMUM)
- SYNTHETIC GEOTEXTILE (MACTEX H OR EQUIVALENT) MECHANICALLY BONDED, CONTINUOUS FILAMENT, NON-WOVEN, UV STABILISED GEOTEXTILE. FOR MINIMUM MECHANICAL REQUIREMENT, PLEASE REFER TO THE WORKS INFORMATION
- CONCRETE FILL TO BE OF GRADE C30 OR GREATER IN ACCORDANCE WITH BS EN 1992-1.
- THE BOTTOM OUTLET IS TO BE FILLED AS COMPLETELY AS REASONABLY PRACTICABLE. IF THE CONTRACTOR DEEMS THAT THIS IS NOT FEASIBLE, THE CONTRACTOR SHOULD PLACE A RIGID 94/110mm TWIN WALL PERFORATED PIPE THE LENGTH OF THE OUTLET THAT WILL ENSURE THAT THERE IS NO SIGNIFICANT WATER BUILD-UP BEHIND THE FILL.



- NOTES:**
1. DO NOT SCALE FROM THIS DRAWING USE FIGURED DIMENSIONS ONLY.
 2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 3. ALL LEVELS IN METRES RELATIVE TO ORDNANCE DATUM.
 4. PRIOR TO COMMENCING ANY CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING THE LOCATIONS, DIMENSIONS AND LEVELS OF ALL EXISTING ASSETS TO WHICH THE PROPOSED WORKS INTERFACE. ANY VARIATIONS BETWEEN ACTUAL AND THAT SHOWN ON THE DRAWINGS SHALL BE IMMEDIATELY DRAWN TO THE ATTENTION OF THE EMPLOYER.
 5. THE CONTRACTOR IS TO VERIFY THE PRESENCE AND DETAILS OF ALL EXISTING STRUCTURES, PIPELINES AND OTHER SERVICES PRIOR TO COMMENCEMENT OF THE WORKS.
 6. ALL WORK IS TO COMPLY WITH REQUIREMENTS OF THE SPECIFICATIONS AND STANDARDS AS STATED IN THE WORKS INFORMATION.
 7. SURVEY INFORMATION TAKEN FROM NHTB CONSULTANCY 0689-001 SUPPLIED BY NRW.

Rev	Date	Description	Drawn	Check	Approv
P02	31MAR20	REVISED FOR NRW COMMENTS	NT	DS	AH
P01	14FEB20	FOR INFORMATION	RKM	NT	AH

Client
NATURAL RESOURCES WALES

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TITLE:
SPILLWAY DETAILS

Designed	N.Thompson	Signed	NT	Date	11FEB20
Drawn	R.Mallya	Signed	RKM	Date	11FEB20
Checked	D.Santoro	Signed	DS	Date	11FEB20
Approved	A.Holt	Signed	AH	Date	11FEB20
Scale:	As Shown	Datum:	ODN		
Original Size:	A1	Grid:	OS		
Suitability Code:	S2	Project Number:	10035306		

Suitability Description:
FOR INFORMATION

Drawing Number:
10035306-ARC-XX-XX-DR-RE-0008

Revision:
P01