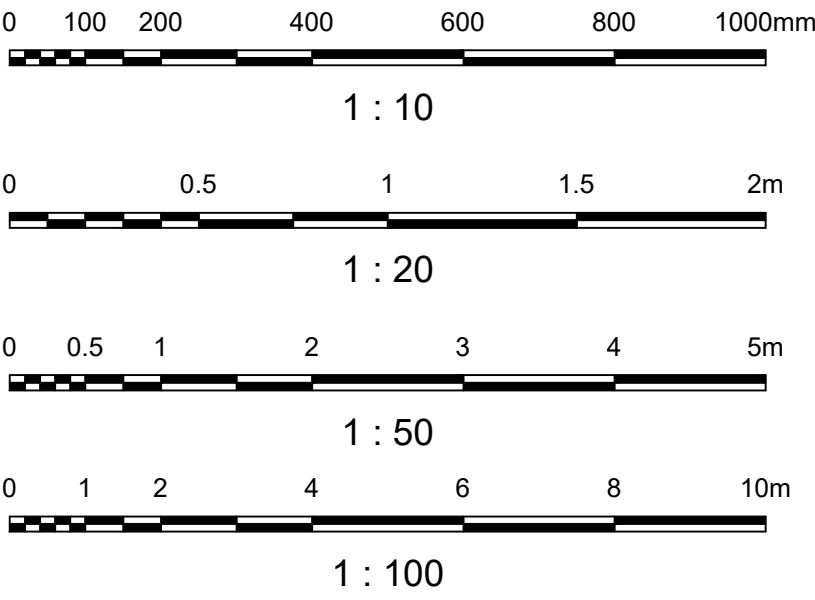


NOTE:



- 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 (450 = 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.

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

<div>Client</div> <div><div>NATURAL RESOURCES WALES</div></div>		<div>PROJECT:</div> <div>PRINCE LLEWELYN RESERVOIR</div>	
<div>Site</div> <div>Prince Llewelyn</div>		<div>Client</div> <div>Natural Resources Wales Ty Cambria, 29 Newport Road Cardiff CF24 0TP +44 (0) 300 065 3000 www.naturalresources.wales</div>	
<div><div></div><div>ARCADIS</div><div>Design & Commissioning for natural and built assets</div></div>			
<div>Registered office:</div> <div>Arcadis House 34 York Way London N1 9AB</div>		<div>Coordinating office:</div> <div>Chamberlain House 1 Research Way, Derriford Plymouth PL6 8BU Tel: +44 (0)1752 689 000</div>	
<div>www.arcadis.com</div>			
<div>TITLE:</div> <div>SPILLWAY DETAILS</div>			
Designed	N.Thompson	Signed	TNT
Drawn	R.Malya	Signed	RKM
Checked	D.Santoro	Signed	DS
Approved	A.Holt	Signed	AH
Scale:	As Shown	Datum:	ODN
Original Size:	A1	Grid:	OS
Suitability Code:	S2	Project Number:	10035306
<div>Suitability Description:</div> <div>FOR INFORMATION</div>			
<div>Drawing Number:</div> <div>10035306-ARC-XX-XX-DR-RE-0008</div>			<div>Revision:</div> <div>P01</div>