



Cyfoeth Naturiol Cymru
Natural Resources Wales

Water Resources LICENCE TO

IMPOUND

WATER

Water Act 2003
Environment Act 1995
Water Resources Act 1991 as amended
by the Water Act 2003
Water Resources (Abstraction and
Impounding) Regulations 2006
Natural Resources Body for Wales (Functions)
Order 2012

IMPORTANT NOTES

Need for safekeeping

This licence is an important document and you should keep it safe, probably with the deeds to the land.

The impounding works may also be conditional on, or otherwise involve, you entering into a related agreement with Natural Resources Wales. This may be registered and will bind the land. It will therefore affect not only you, as the licence holder, but also your successors in title to the land. This licence and any such Agreement should therefore be disclosed on any change of title or occupation.

Scope of this licence

This licence has effect only for the purposes of Part II of the Water Resources Act 1991 as amended by the Water Act 2003. In granting this licence, and in considering any drawings submitted, you should assume that Natural Resources Wales has taken into account only considerations relevant to the conservation and proper use of water resources in the area. Grant of this licence does not imply that Natural Resources Wales has approved the details of construction of the impounding works, including whether the proposed construction is adequate or safe. The licence holder is entirely responsible for ensuring compliance with all other requirements. Grant of this licence does not in any way suggest that these have been fulfilled.

Changes to the impounding works or revocation of this licence

If you want to alter the impounding works and/or the way you operate them, you will need to vary the terms of the licence (and, if applicable, the related agreement). If you want to revoke this licence, you may be required to satisfy certain conditions that Natural Resources Wales may specify for the removal of the works. Contact Natural Resources Wales at the address at the bottom of the front page of this licence if you want to vary or revoke this licence

Transfer of this licence

If you need to pass this licence to someone else, you must contact Natural Resources Wales and obtain the appropriate application forms. The licence holder remains responsible for compliance with the terms of the licence until it has been transferred.

Death or bankruptcy of the licence holder

If a licence has been 'vested' in you, as a result of the death or bankruptcy of the licence holder, please contact Natural Resources Wales in writing, telling us the licence number(s) and the date that the licence vested in you as a personal representative or trustee of the licence holder. This is necessary in order to enable you to subsequently transfer the licence.

'Vesting' is the transfer of responsibility and ownership of a licence when an existing licence holder is no longer able to hold the licence either through death or bankruptcy.

You do not have to complete a form, but you must notify us in writing within 15 months of the date of vesting, giving the full names of all personal representatives or trustees and a contact address.

Other requirements for impoundments

Depending on circumstances, you may also have to comply with other legal requirements, i.e. apart from obtaining this licence, before carrying out or operating the impoundment. These may include:

- obtaining consent from Natural Resources Wales under section 109 Water Resources Act 1991 (relating to structures on main rivers);
- obtaining consent under section 23 Land Drainage Act 1991 from Natural Resources Wales or the relevant internal drainage board (relating to obstructions in watercourses);
- obtaining planning permission from the planning authority;
- complying with requirements of the Reservoirs Act 1975 (in relation to safety of larger raised reservoirs). Natural Resources Wales' predecessor the Environment Agency, became the regulatory body on 1 October 2004.
- obtaining consent from the owner of the other bank of the watercourse to the proposed impoundment;

- not contravening pollution control provisions of the Water Resources Act 1991, particularly in relation to allowing matter to be carried away in suspension when sluices etc. are opened;
- complying with the provisions of the Salmon and Freshwater Fisheries Act 1975 relating to the passage of fish.

Some of these matters are under the control of Natural Resources Wales, but for administrative and legal reasons are kept separate from the issue of this licence. If you require information or assistance about them, contact Natural Resources Wales, and you will be directed to the right person to help you.

For advice about planning permission, contact the appropriate authority. The planning authority will normally be the district, borough or city council.

Offences

This impounding licence authorises you, the licence holder, to obstruct or impede the flow of a specified inland water at a specified point by means of impounding works.

"Impounding works" means either, any dam, weir or other works by which water may be impounded; or, any works for diverting the flow of waters in connection with the construction or alteration of such dam, weir or other works.

Under the Water Resources Act 1991 it is an offence to construct or alter, or cause or permit any other person to construct or alter, any impounding works in inland waters or cause or permit the flow of any inland waters to be impeded or obstructed at any point by means of impounding works unless:

- an impounding licence is in force;
- the flow of the inland waters is not obstructed or impeded except to the extent and in the manner authorised by a licence;
- any other requirements of the licence, whether as to provision of compensation water or otherwise, are complied with.

It is an offence knowingly to make false statements for the purpose of obtaining a licence.

It may be an offence not to comply with the other legal requirements mentioned above for details, check with Natural Resources Wales or the authority concerned.

Right of appeal

If you are dissatisfied with our decision on your licence application, you may appeal.

If you are in England, you should write to the Secretary of State for Environment, Food and Rural Affairs, care of The Planning Inspectorate at:
Room 4/19 Eagle Wing, Temple Quay House, 2 The Square,
Temple Quay, Bristol, BS1 6PN.
The telephone number is 0117 372 8235.

If you are in Wales, you should write to Welsh Government care of The Planning Inspectorate at:
Crown Buildings, Cathays Park, Cardiff, CF10 3NQ.
The telephone number is 029 2082 3857.

You must serve notice of appeal within 28 days of the date of receipt of this licence (although the Secretary and Welsh Government have power to allow a longer period for serving notice of appeal). See Water Resources Act 1991, section 43.

Disclosure of Information

Information about this licence is available on the public Register held by Natural Resources Wales. Members of the public are also entitled to ask us for other "environmental information" it holds, including any activities likely to affect "the state of any water" or any "activities or other measures designed to protect it". That would include the information additional to the licence document e.g. any related agreement. In certain restricted circumstances it is possible to claim that information should be kept confidential. If you require more information about keeping information off the public register because it is confidential, please contact us by writing to the address shown at the bottom of the front page of the licence within 28 days of receiving this licence.



**Cyfoeth
Naturiol**
Cymru
**Natural
Resources**
Wales

LICENCE TO IMPOUND WATER

Welsh Ministers are hereby deemed to grant this licence to:-

Natural Resources Wales ("the Licence Holder")

Tŷ Cambria
29 Newport Road
Cardiff
CF24 0TP

This licence authorises the Licence Holder to obstruct or impede the flow of the inland water described in the Schedule of Conditions (to extent and manner authorised by those conditions) to this licence and subject to the provisions of that Schedule. The licence commences from the effective date shown below.

Signed:

Ceri Davies

Executive Director of Evidence,
Policy and Permitting
Natural Resources Wales
Cambria House
29 Newport Road
Cardiff
CF24 0TP

Date of issue.....dd/month/yyyy

Date effective.....dd/month/yyyy

This licence should be kept safe and its existence disclosed on any sale of the land and the impounding works to which it relates

Note: References to "the map" are to the map which forms part of this licence.
References to "NRW" are to the Natural Resources Body for Wales or any successor body.

SCHEDULE OF CONDITIONS

1. NAME OF INLAND WATER TO BE IMPOUNDED

- 1.1 Inland water (reservoir) known as Prince Llewelyn Reservoir at Dolwyddelan, Conwy, Gwynedd.

2. POINT OF IMPOUNDMENT

- 2.1 At National Grid Reference SH 74270 53060 marked 'Point A' on the map.

3. MANNER AND EXTENT OF IMPOUNDMENT

- 3.1 Impoundment works comprising of alterations to an existing dam with a maximum crest level of 193.30 metres Above Ordnance Datum and a trapezoidal shaped notch in accordance with the specifications and drawings:

10035306-ARC-XX-XX-DR-RE-0018-P01-Wetted Perimeter dated 13/03/2020

10035306-ARC-XX-XX-DR-RE-0006-P02-Dam Cross sections dated 13/03/2020

10035306-ARC-XX-XX-DR-RE-0008-P04-Spillway Details ver 2 dated 05/08/2020

10035306-ARC-XX-XX-DR-RE-0007-P03-Long Section ver 2 dated 05/08/2020

copies of which are appended to this licence, or such minor amendments to those documents that are accepted in writing by NRW prior to the date of commencement of construction.

4. FURTHER CONDITIONS

- 4.1 The Licence Holder shall submit a detailed Method Statement regarding the construction of the works specified in condition 3.1. The Licence Holder shall not commence these works until NRW has approved the Method Statement in writing. The Licence Holder shall undertake the works in accordance with the approved Method Statement, or in accordance with such minor variations to it that NRW may approve in writing.
- 4.2 The intake works authorised by this licence shall not be carried out in the watercourse between 17th October and 15th May in any year.
- 4.3 Prior to commencement of the works authorised by this licence, the Licence Holder shall give 28 calendar days notice in writing to NRW of their intention to commence the authorised works.
- 4.4 The Licence Holder shall give NRW notice in writing of completion of the works authorised by this licence within 15 calendar days of completion.
- 4.5 The Licence Holder shall construct, operate and maintain the impounding works in accordance with the specifications and drawings referred to in Condition 3.1 of this licence and keep them free from leakage and obstruction at all times.
- 4.6 (i) This licence shall only take effect so as to authorise the impounding works provided that the Licence Holder has constructed an eel passage structure, approved in writing by NRW, under the Eels (England and Wales) Regulations

2009, to enable the passage of elver, yellow and silver eel past the impounding works.

- (ii) The Licence Holder shall maintain, repair or replace the eel passage structure referred to in condition 4.6 to ensure that it remains effective at all times.
- (iii) The Licence Holder shall keep records of maintenance, repair or replacement of the eel passage structure referred to in condition 4.6 for 6 years and shall make them available during all reasonable hours for inspection by NRW.

4.7 The Licence Holder shall ensure that at all times during the period from the commencement to the completion of the works authorised by this licence the flow of the inland water immediately upstream of the works shall be released immediately downstream of the works undiminished in quantity or quality. This shall be carried out in accordance with the works detailed with the dated drawings numbered 10035306-ARC-XX-XX-DR-RE-0018, 10035306-ARC-XX-XX-DR-RE-0006-P02, 10035306-ARC-XX-XX-DR-RE-0008-P04 ver 2 and 10035306-ARC-XX-XX-DR-RE-0007-P03 attached to this licence and method statement to be submitted and agreed.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR CONDITIONS

Condition 4.1: to ensure satisfactory construction works.

Condition 4.2: to avoid damage to fish during vulnerable life stages such as spawning, migration, emergence and early maturation.

Condition 4.3 and 4.4: to start NRW's compliance process.

Conditions 4.5: to ensure the impoundment works are constructed, in accordance with the drawing and specifications agreed by NRW during the determination of this licence.

Condition 4.6 (i, ii and iii): to ensure compliance with the Eels (England and Wales) Regulations 2009 and allow safe passage of eels and elver within the watercourse.

Condition 4.7: to ensure a flow is maintained in the watercourse in order i) to maintain the riverine habitat for the conservation of the flora and fauna of the watercourse, ii) to safeguard existing protected rights, iii) to protect the interests of existing downstream lawful users of water and iv) to ensure that the water environment is not impacted during construction and subsequent maintenance.

IMPORTANT NOTES

For the purposes of Conditions 4.1, 4.3, 4.4 and 4.6 the Licence Holder shall contact:

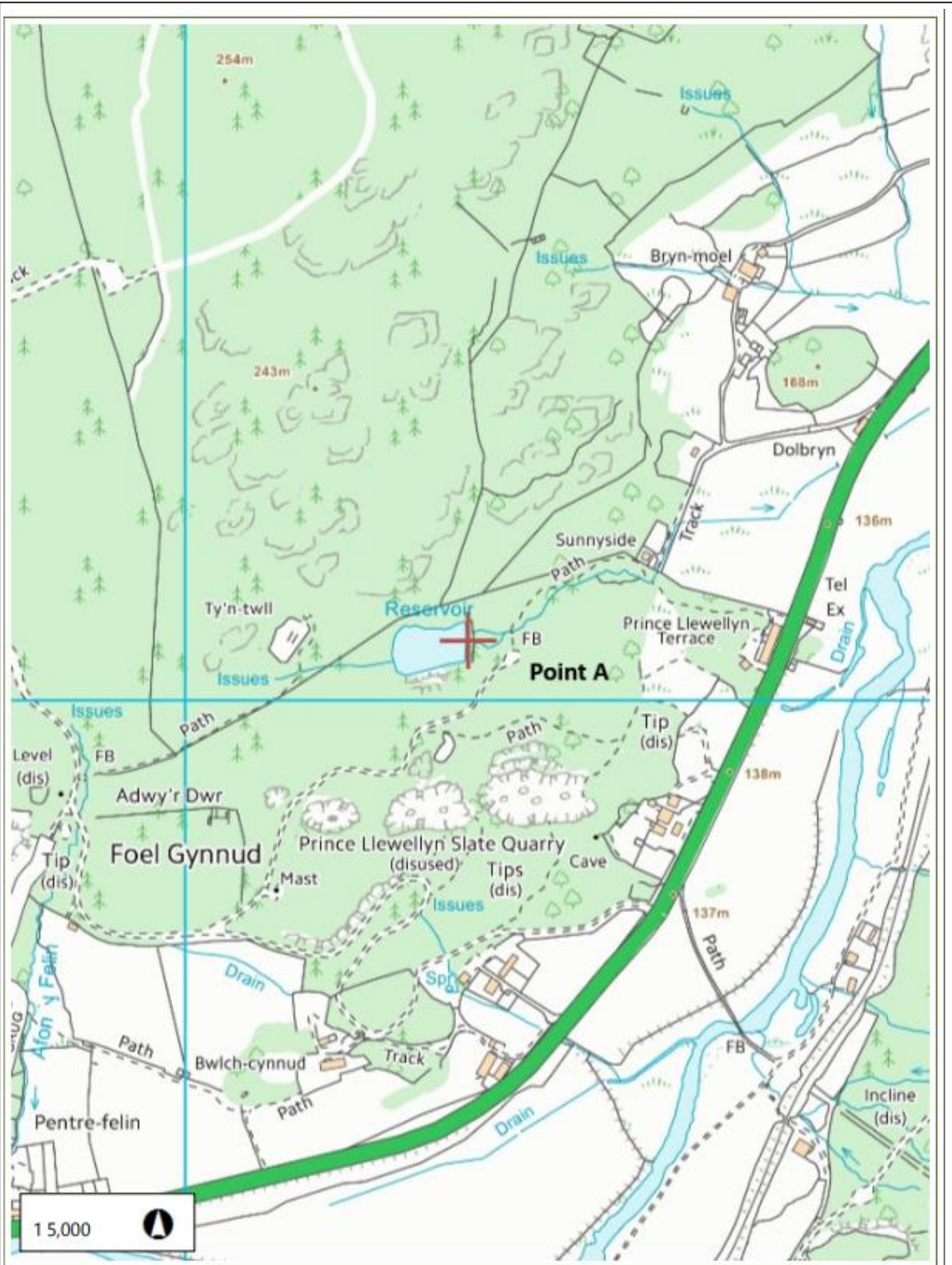
Senior Officer
North West People and Places Team
Natural Resources Wales
Maes y Ffynnon
Penrhosgarnedd
Bangor
Gwynedd
LL57 2DW

Tel: 0300 065 3000

Email: nrp.northmid@cyfoethnaturiolcymru.gov.uk

Eel passage

NRW may have regard to its Best Practice Guide, the Eel Manual: Elver & eel Passes (or equivalent guidance) in agreeing where, how and what type of eel pass should be installed and together with the results of any monitoring in determining whether the eel pass is properly effective and maintained, and in judging whether it is necessary to require repair or replacement of the eel pass.



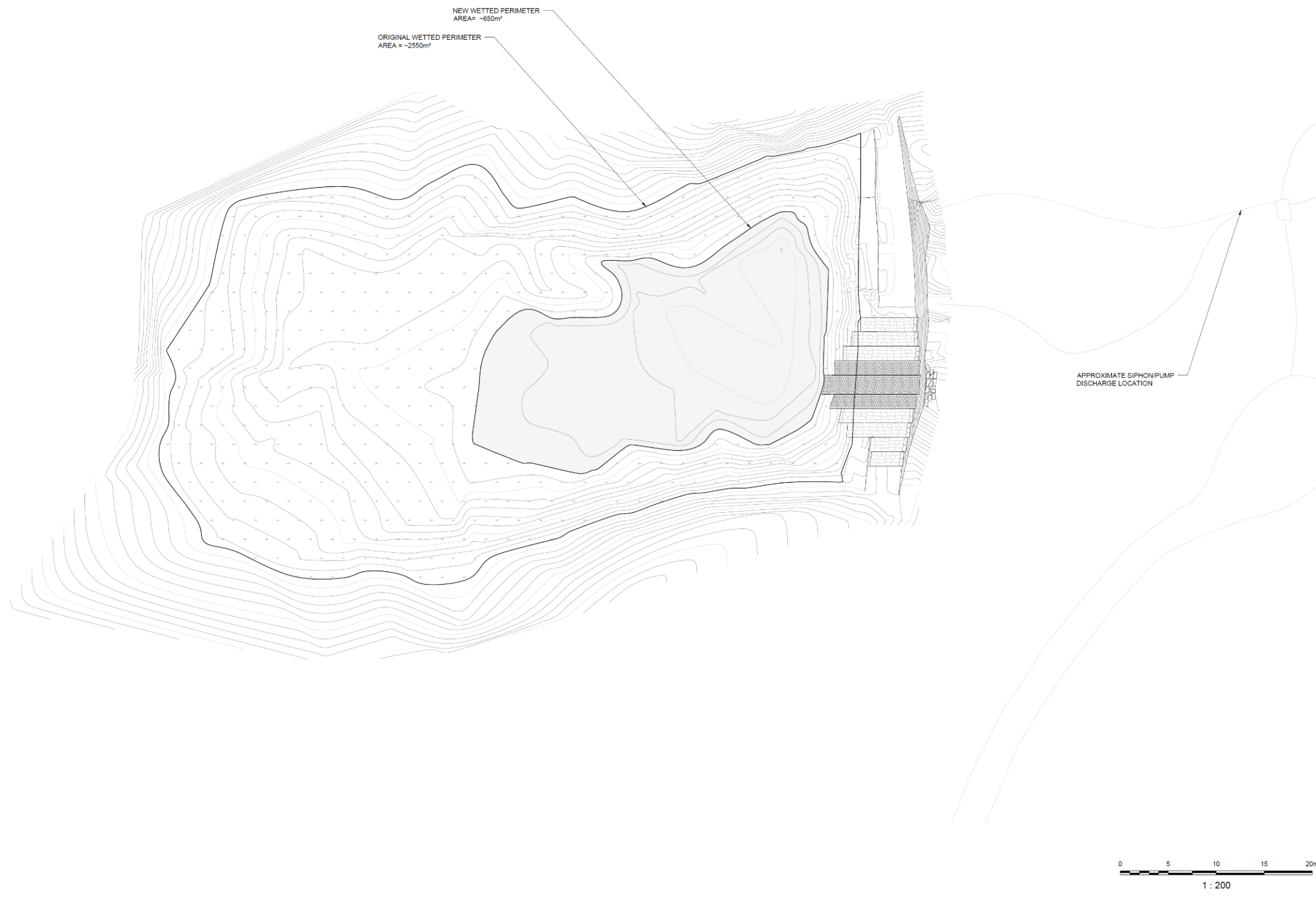
**Cyfoeth
Naturiol
Cymru
Natural
Resources
Wales**

MAP ACCOMPANYING LICENCE NUMBER / MAP I GYFEILIO TRWYDDED RHIF

Licence_Number
Scale I Graddfa 1:5,000



© Crown Copyright and database rights Ordnance Survey.Natural Resources Wales, 100019741,2015.
© Hawlfraint y Goron a hawl cronfa ddata Arolwg Ordnans.Cyfoeth Naturiol Cymru, 100019741, 2015.



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
001	13MAR20	FOR INFORMATION	NT	DS	AH

Client

NATURAL RESOURCES WALES
 PROJECT:
PRINCE LLEWELYN RESERVOIR

Site **Client**

Prince Llewelyn Natural Resources Wales
 17 Cambrin, 20 Newport Road
 Cardiff CF24 0T2
 +44 (0) 300 065 3000
 www.naturalresources.wales

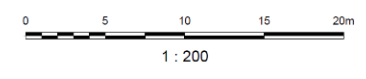
 **ARCADIS** | Infrastructure & Environment

Registered office: Coordinating office:
 Arcadis House Chamberlain House
 34 York Way 1 Research Way, Denilford
 London Plymouth PL6 8BU
 N1 9AB Tel: +44 (0)1752 689 000
 www.arcadis.com

TITLE:

WETTED PERIMETER

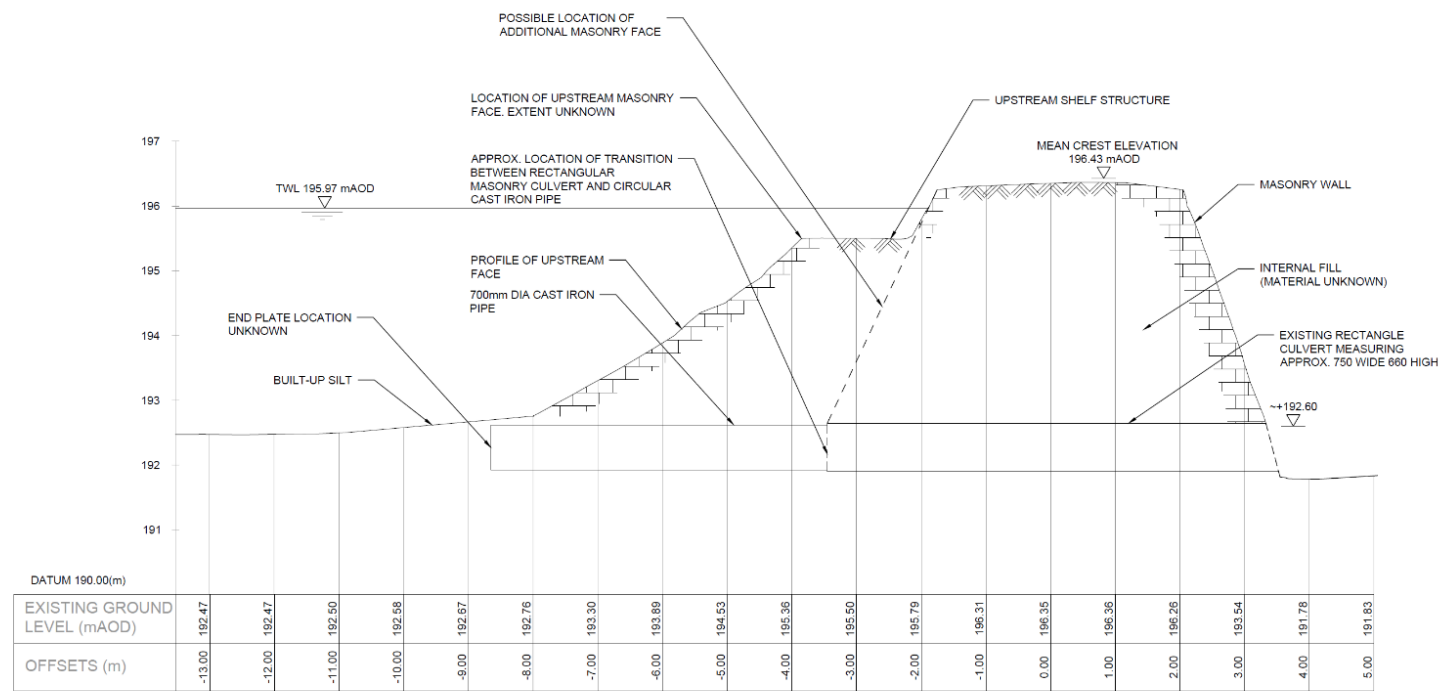
Designed	N.Thompson	Signat	NT	Date	13MAR20
Drawn	N.Thompson	Signat	NT	Date	13MAR20
Checked	D.Santoro	Signat	DS	Date	13MAR20
Approved	A.Holt	Signat	AH	Date	13MAR20
Scale:	As Shown	Datum:	ODN		
Original Size:	A1	Grid:	OS		
Suitability Code:	SZ	Project Number:	10035306		



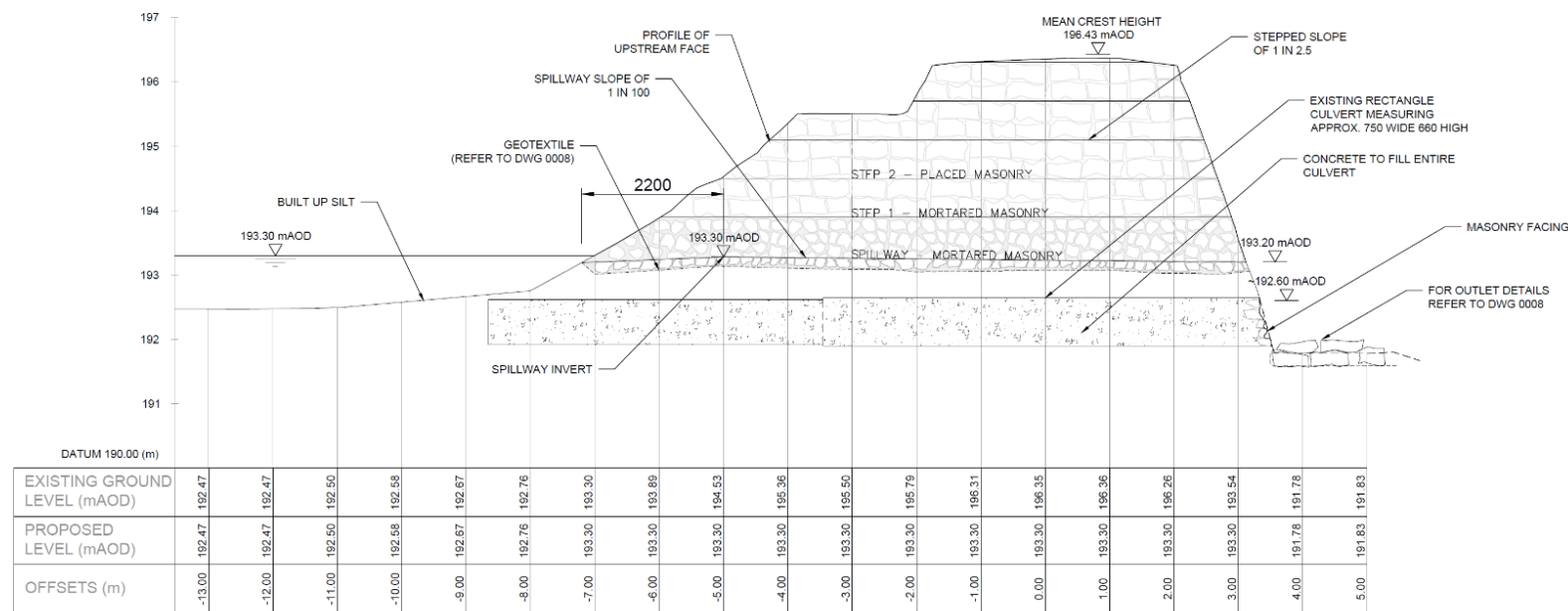
Suitability Description:

FOR INFORMATION

Drawing Number:	Revision:
10035306-ARC-XX-XX-DR-RE-0018	P01



EXISTING SECTION-A-A
SCALE - 1 : 50



PROPOSED SECTION-A-A
SCALE - 1 : 50

- NOTES:**
- DO NOT SCALE FROM THIS DRAWING USE FIGURED DIMENSIONS ONLY.
 - ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS IN METRES RELATIVE TO ORDNANCE DATUM.
 - 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.
 - THE CONTRACTOR IS TO VERIFY THE PRESENCE AND DETAILS OF ALL EXISTING STRUCTURES, PIPELINES AND OTHER SERVICES PRIOR TO COMMENCEMENT OF THE WORKS.
 - ALL WORK IS TO COMPLY WITH REQUIREMENTS OF THE SPECIFICATIONS AND STANDARDS AS STATED IN THE WORKS INFORMATION.
 - 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.
 - SURVEY INFORMATION TAKEN FROM NHTB CONSULTANCY 0689-001 SUPPLIED BY NRW.

REFERENCE DRAWINGS

- 10035306-ARC-XX-XX-DR-RE-0003

Rev	Date	Description	Drawn	Check	Approv
P02	12/2/20	REVISION FOR NEW COMMENTS	NT	DS	AH
P01	12/2/20	FOR INFORMATION	RKM	NT	AH

Client
NATURAL RESOURCES WALES

PROJECT:
PRINCE LLEWELYN RESERVOIR

Site: Prince Llewelyn
Client: Natural Resources Wales
Ty Cambria, 29 Newport Road
Casifil CF24 0TP
+44 (0) 300 065 3000
www.naturalresources.wales

ARCADIS Design & Consultancy

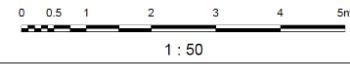
Registered office: Arcadis House, 34 York Way, London N1 9AB
Coordinating office: Chamberlain House, 1 Research Way, Derriford, Plymouth PL6 8BU
Tel: +44 (0)1752 689 000
www.arcadis.com

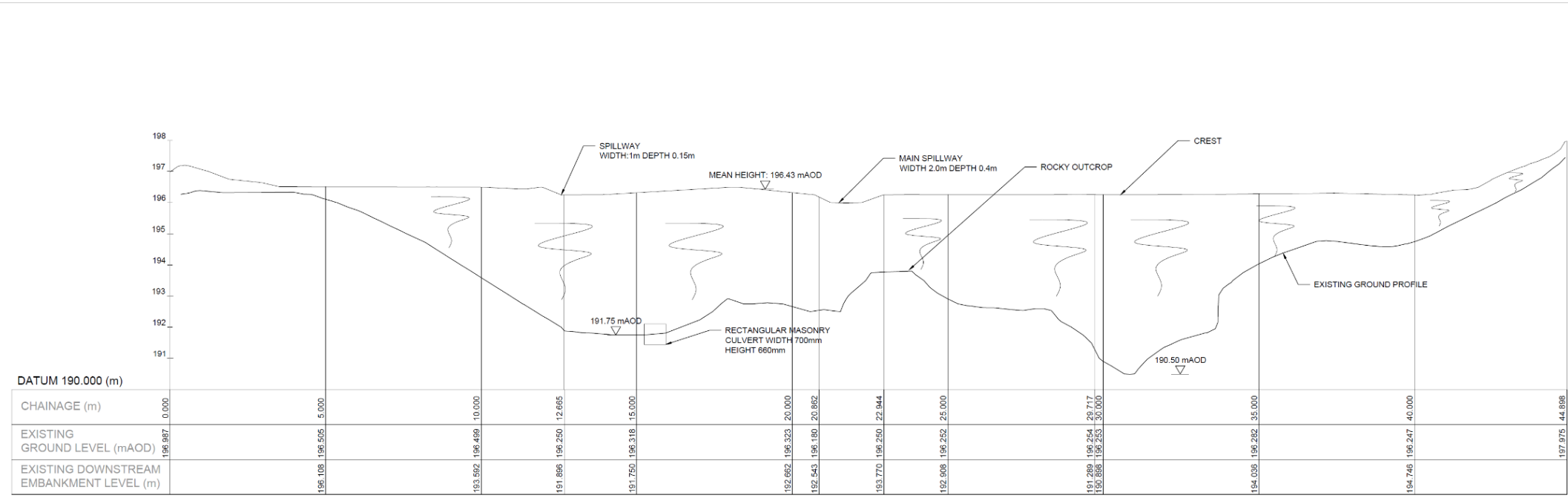
TITLE:
DAM CROSS-SECTION

Designed	N.Thompson	Sign	NT	Date	12/FEB/20
Drawn	R.Malya	Sign	RKM	Date	12/FEB/20
Checked	D.Santoro	Sign	DS	Date	12/FEB/20
Approved	A.Hot	Sign	AH	Date	12/FEB/20
Scale:	1:50	Datum:	ODN		
Original Size:	A1	Grid:	OS		
Suitability Code:	SZ	Project Number:	10035306		

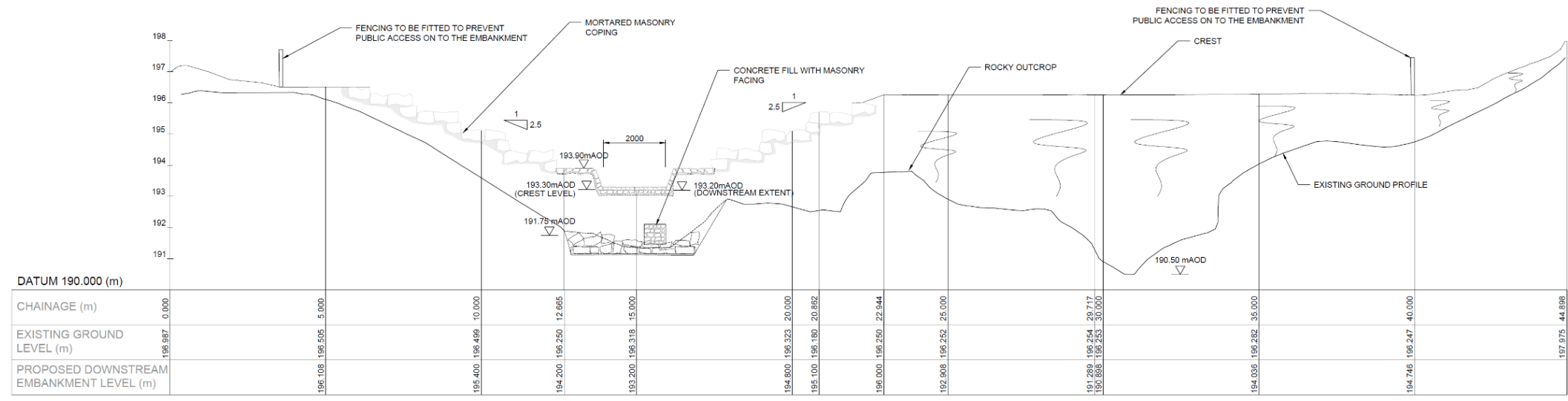
FOR INFORMATION

Drawing Number:	10035306-ARC-XX-XX-DR-RE-0006	Revision:	P02
-----------------	-------------------------------	-----------	-----





EXISTING DOWNSTREAM ELEVATION
SCALE - 1 : 75



PROPOSED DOWNSTREAM ELEVATION
SCALE - 1 : 75

- NOTES:**
- DO NOT SCALE FROM THIS DRAWING USE FIGURED DIMENSIONS ONLY.
 - ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS IN METRES RELATIVE TO ORDNANCE DATUM.
 - 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.
 - THE CONTRACTOR IS TO VERIFY THE PRESENCE AND DETAILS OF ALL EXISTING STRUCTURES, PIPELINES AND OTHER SERVICES PRIOR TO COMMENCEMENT OF THE WORKS.
 - ALL WORK IS TO COMPLY WITH REQUIREMENTS OF THE SPECIFICATIONS AND STANDARDS AS STATED IN THE WORKS INFORMATION.
 - SURVEY INFORMATION TAKEN FROM NHTB CONSULTANCY 0689-001 SUPPLIED BY NRW.

REFERENCE DRAWINGS

- 10035306-ARC-XX-XX-DR-RE-0003

Rev	Date	Description	Drawn	Check	Appr'd
P03	05AUG20	CLIENT REQUEST		NT	DS
P02	13MAR20	REVISED FOR NRW COMMENTS		NT	DS
P01	27FEB20	FOR INFORMATION	RKM	NT	AH

Client
NATURAL RESOURCES WALES

PROJECT:
PRINCE LLEWELYN RESERVOIR

Site: Prince Llewelyn
Client: Natural Resources Wales
Ty Cambria, 29 Newport Road
Cardiff CF24 0TP
+44 (0) 300 065 3000
www.naturalresources.wales

ARCADIS Infrastructure & Construction

Registered office: Arcadis House, 34 York Way, London, N1 9AB
Coordinating office: Chamberlain House, 1 Research Way, Derriford, Plymouth PL6 8BU
Tel: +44 (0)1752 889 000
www.arcadis.com

TITLE:
DAM LONG SECTION

Designed	N.Thompson	Rev	NT	Date	12FEB20
Drawn	R.Mallia	Rev	RKM	Date	12FEB20
Checked	D.Santoro	Rev	DS	Date	12FEB20
Approved	A.Holt	Rev	AH	Date	12FEB20
Scale:	1:75	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-0007	Revision:	P03
-----------------	-------------------------------	-----------	-----

**Would you like to find out more about us,
or about your environment?**

**Then call us on
0300 065 3000 (Mon-Fri 9-5)**

**email
enquiries@naturalresourceswales.gov.uk**

**or visit our website
www.naturalresourceswales.gov.uk**

**incident hotline 0300 065 3000 (24hrs)
floodline 0345 988 1188**



Environment first: This publication is printed on paper made from 100 per cent previously used waste. By-products from making the pulp and paper are used for composting and fertiliser, for making cement and for generating energy.