



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

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## **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

The Natural Resources Body for Wales (hereafter referred to as "NRW") grants 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 and shall remain in force until revoked.

Signed:

John Wheadon  
Permitting Service Manager,  
Policy and Permitting  
Natural Resources Wales  
Cambria House  
29 Newport Road  
Cardiff  
CF24 0TP

Date of issue.....15 July 2022

Date effective.....15 July 2022

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 (river) known as Afon Dulais at Llanwrda Weir, Llanwrda, Carmarthenshire.

### 2. POINT OF IMPOUNDMENT

- 2.1 At National Grid Reference SN 71396 31618 marked 'Point A' on the map.

### 3. MANNER AND EXTENT OF IMPOUNDMENT

- 3.1 Impoundment works comprising of alterations to an existing weir, to include a Larinier Fish Pass and Eel Pass, in accordance with the specifications and drawings:

General Arrangement - 277161-ARP-04-XX-DR-XX-0001

Proposed Sections - 277161-ARP-04-XX-DR-XX-0002

Existing Sections - 277161-ARP-04-XX-DR-XX-0003

Details - 277161-ARP-04-XX-DR-XX-0004

Dated 28/02/2022, copies of which are appended to this licence, or such minor amendments to those documents that are accepted in writing by the NRW prior to the date of commencement of construction.

### 4. FURTHER CONDITIONS

- 4.1 For the purpose of this licence, references to 'impounding works' shall mean all works that include alterations to an existing weir, to include a Larinier Fish Pass and Eel Pass.

- 4.2 The Licence Holder shall ensure that during construction works, any subsequent maintenance works to the impounding structures, the flow in the River Dulais is allowed to pass downstream unchanged in quantity and quality at all times.

- 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 No works authorised by this licence shall take place during the period from October 15 until April 15 inclusive in any year.

- 4.7 The Licence Holder shall maintain, repair or replace the eel passage structure referred to in condition 3.1 to ensure that it remains effective at all times.

- 4.8 The Licence Holder shall keep records of maintenance, repair or replacement of

the eel passage structure referred to in condition 3.1 for 6 years and shall make them available during all reasonable hours for inspection by NRW.

## ADDITIONAL INFORMATION

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

### REASONS FOR CONDITIONS

Conditions 4.1: to ensure the impounding works are constructed, in accordance with the drawings and specifications agreed by NRW during the determination of this licence.

Conditions 4.2 and 4.5: 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.

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

Condition 4.6: to avoid damage to fish during vulnerable life stages such as spawning, migration, emergence and early maturation.

Condition 4.7 and 4.8: to ensure compliance with the Eels (England and Wales) Regulations 2009 and allow safe passage of eels and elver within the watercourse.

### IMPORTANT NOTES

For the purposes of Conditions 3.1, 4.3 and 4.4 the Licence Holder shall contact:

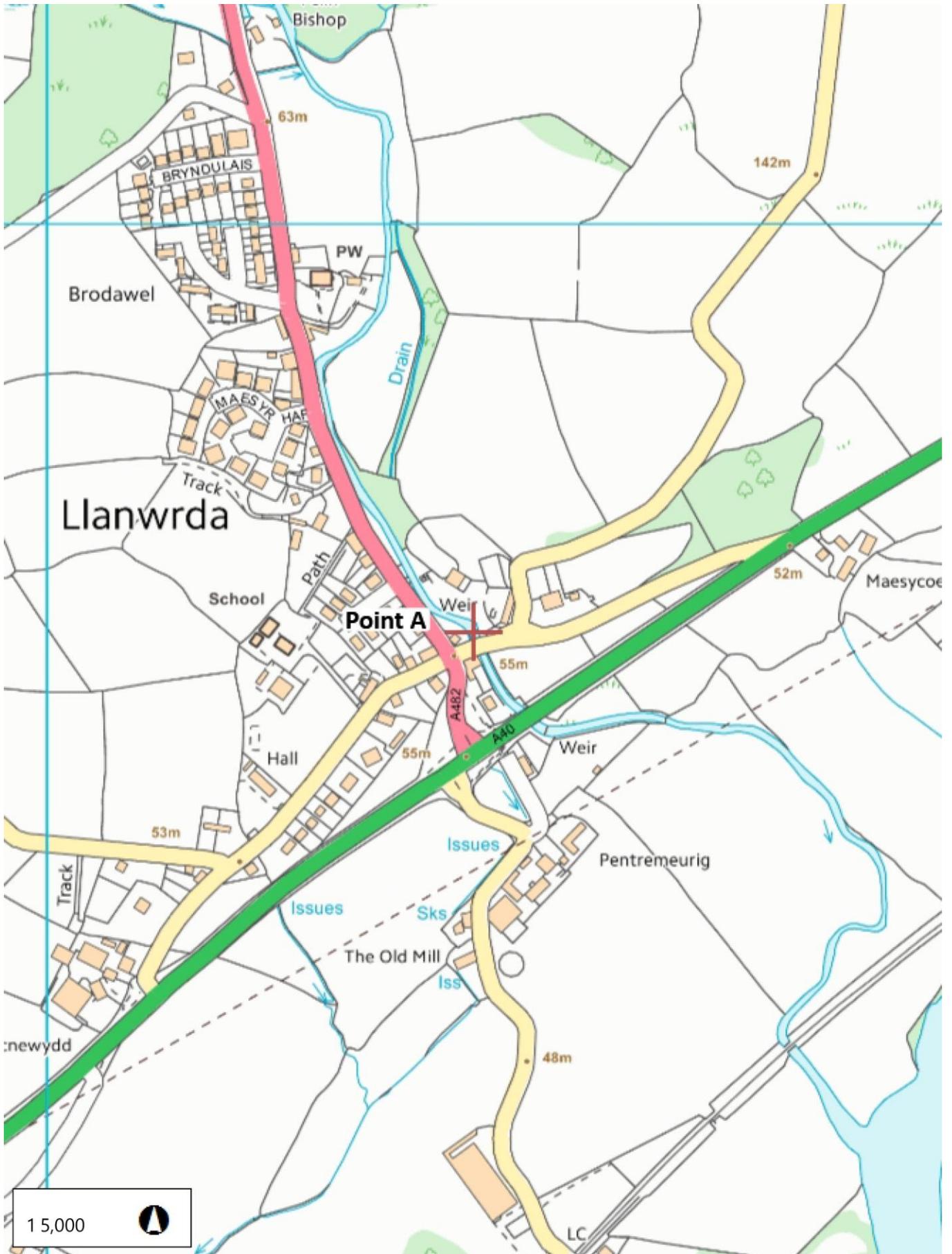
People and Places Planning Officer  
People and Places Planning Team  
Natural Resource Wales  
Maes Newydd  
Llandarcy  
Neath Port Talbot  
SA10 6JQ

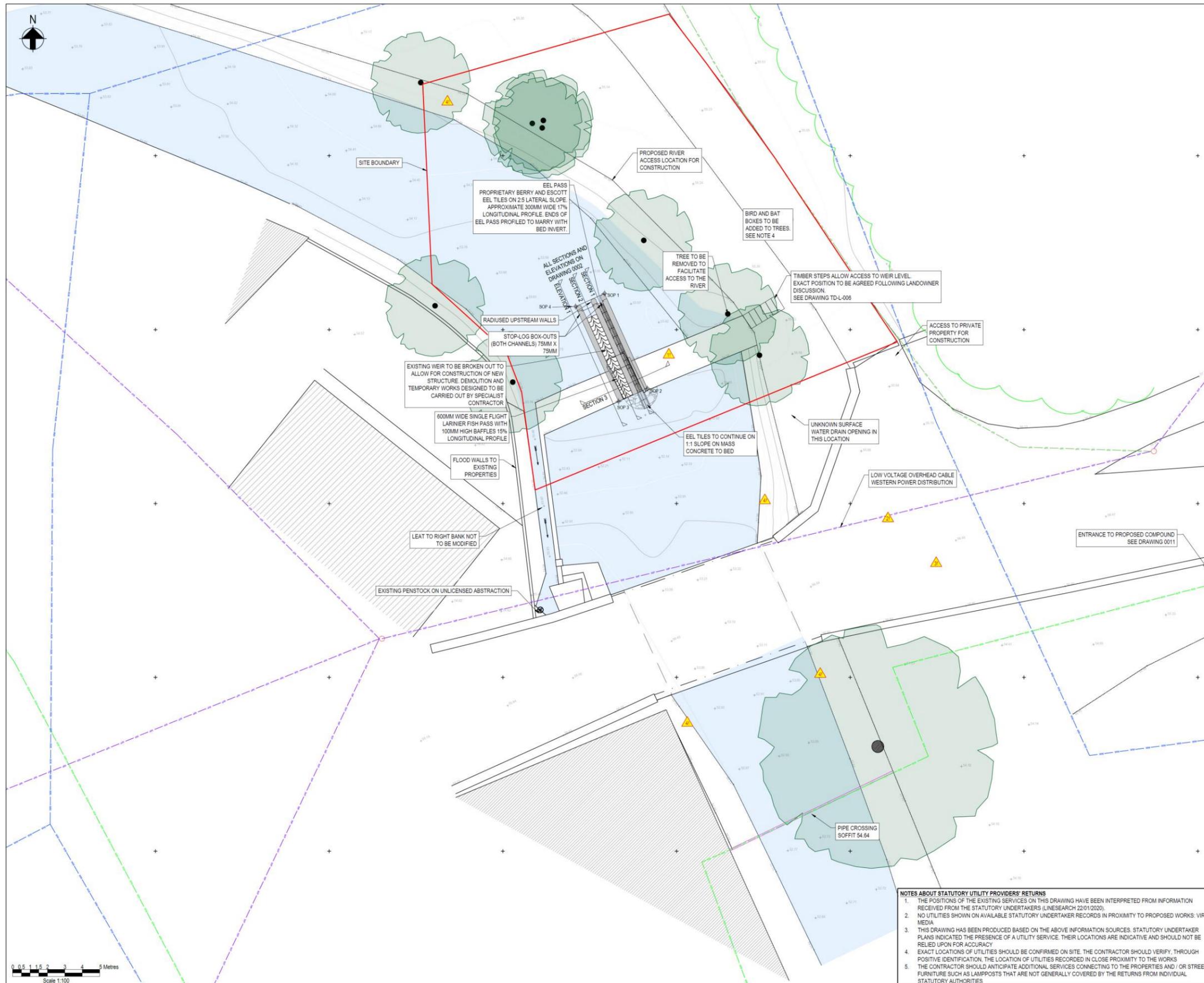
Tel: 0300 065 3000

Email: [PeopleandPlacesSW@cyfoethnaturiolcymru.gov.uk](mailto:PeopleandPlacesSW@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.





- NOTES:**
- DIMENSIONS**  
ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES TO ORDINANCE DATUM (NEWLYN) UNLESS STATED OTHERWISE.  
DO NOT SCALE FROM THIS DRAWING. ONLY FIGURED DIMENSIONS AND LEVELS ARE TO BE USED.  
GROUND LEVELS ARE FROM TOPOGRAPHICAL SURVEY CARRIED OUT IN 2020 AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.  
PREDICTED WATER LEVELS FROM ANALYSIS OF AVAILABLE RIVER DATA PROVIDED BY NRW.
  - STRUCTURAL CONCRETE**  
ALL STRUCTURAL CONCRETE SHOULD BE IN LINE WITH THE SPECIFICATION  
277161-ARP-04-XX-SP-CS-1006
  - GEOTECHNICS**  
NO GROUND INVESTIGATION HAS BEEN CARRIED OUT. IT IS ASSUMED THAT THE RIVER BED IS FORMED OF GRANULAR MATERIAL ON THE BASIS OF VISUAL INSPECTION. THE CONTRACTOR IS TO CONFIRM THIS PRIOR TO COMMENCING WORKS AND INFORM THE PROJECT MANAGER IF THIS IS NOT THE CASE.
  - BIRD / BAT BOXES**  
BAT BOXES TO BE PLACED 3-4M ABOVE GROUND FACING SOUTH AND AWAY FROM ARTIFICIAL LIGHTING. BIRD BOXES TO BE PLACED 3-4M ABOVE GROUND LEVEL. MINIMUM 2 BAT AND 2 BIRD BOXES TO BE PROVIDED. LOCATION TO BE AGREED FOLLOWING LAND OWNER DISCUSSION.
  - REFER TO DRAWINGS**  
277161-ARP-04-XX-DR-XX-0002  
277161-ARP-04-XX-DR-XX-0003  
277161-ARP-04-XX-DR-XX-0004  
277161-ARP-04-XX-DR-XX-0011  
277161-ARP-04-XX-DR-XX-0008

THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS. NOTIFY THE EMPLOYER OF ANY DISCREPANCIES BEFORE PROGRESSING.

**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

- CONSTRUCTION**
- STABILITY OF EXISTING WEIR - POSSIBILITY OF COLLAPSE
  - RISK OF SERVICES STRIKE - OVERHEAD ELECTRICITY LINE
  - PUBLIC INTERACTION - CONSTRUCTION TRAFFIC CROSSING PUBLIC ROAD
  - INVASIVE NON-NATIVE SPECIES - JAPANESE KNOTWEED, GIANT RHUBARB
  - DECOMMISSIONING / DEMOLITION
  - STABILITY OF EXISTING WEIR - POSSIBILITY OF COLLAPSE

REFER TO THE DESIGNER'S RISK REGISTER FOR FURTHER DETAILS. IT IS ASSUMED THAT ALL THE WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WHO HAS CARRIED OUT A COMPREHENSIVE RISK ASSESSMENT.

SETTING OUT POINTS		
SOP	EASTING	NORTHING
SOP 01	271395.848	231822.078
SOP 02	271398.316	231816.617
SOP 03	271396.658	231815.867
SOP 04	271394.189	231821.328

- SERVICES:**
- DCWW COMBINED SEWER
  - DCWW SURFACE WATER SEWER
  - WPD OVERHEAD SERVICE (LV)
  - WPD BURIED SERVICE (LV)

FOR INFORMATION					
Rev	Description	Drawn	Checked	Issue Date	
C01		JS	PS	RC	13/04/21



Project Name: SALMON FOR TOMORROW PHASE 2 LLANWRDA  
Drawing Title: GENERAL ARRANGEMENT

Subsidiary	For Construction	Stability Code
277161	FOR CONSTRUCTION	A
277161-ARP-04-XX-DR-XX-0001	1:100	C01

- NOTES ABOUT STATUTORY UTILITY PROVIDERS' RETURNS**
- THE POSITIONS OF THE EXISTING SERVICES ON THIS DRAWING HAVE BEEN INTERPRETED FROM INFORMATION RECEIVED FROM THE STATUTORY UNDERTAKERS (LINESEARCH 22/01/2020).
  - NO UTILITIES SHOWN ON AVAILABLE STATUTORY UNDERTAKER RECORDS IN PROXIMITY TO PROPOSED WORKS: VIRGIN MEDIA.
  - THIS DRAWING HAS BEEN PRODUCED BASED ON THE ABOVE INFORMATION SOURCES. STATUTORY UNDERTAKER PLANS INDICATED THE PRESENCE OF A UTILITY SERVICE. THEIR LOCATIONS ARE INDICATIVE AND SHOULD NOT BE RELIED UPON FOR ACCURACY.
  - EXACT LOCATIONS OF UTILITIES SHOULD BE CONFIRMED ON SITE. THE CONTRACTOR SHOULD VERIFY, THROUGH POSITIVE IDENTIFICATION, THE LOCATION OF UTILITIES RECORDED IN CLOSE PROXIMITY TO THE WORKS. THE CONTRACTOR SHOULD ANTICIPATE ADDITIONAL SERVICES CONNECTING TO THE PROPERTIES AND / OR STREET FURNITURE SUCH AS LAMPPOSTS THAT ARE NOT GENERALLY COVERED BY THE RETURNS FROM INDIVIDUAL STATUTORY AUTHORITIES.

A1  
277161-ARP-04-XX-DR-XX-0001.dwg  
Internal Project Data\4-30 Drawings\4-33 Civil\CD\_Drainage\Lawrad\Drawings\277161-ARP-04-XX-DR-XX-0001.dwg  
Cyfoeth Naturiol Cymru / Natural Resources Wales  
ARUP  
Project Name: SALMON FOR TOMORROW PHASE 2 LLANWRDA  
Drawing Title: GENERAL ARRANGEMENT  
Subsidiary: 277161  
For Construction: FOR CONSTRUCTION  
Stability Code: A  
Internal Project Number: 277161  
Scale: 1:100  
Rev: C01  
Drawing Number: 277161-ARP-04-XX-DR-XX-0001  
THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND ALL RIGHTS THEREIN INCLUDING COPYRIGHT AND DESIGN RIGHTS ARE THE PROPERTY OF NATURAL RESOURCES WALES AND SHOULD NOT BE DISCLOSED TO A THIRD PARTY OR REPRODUCED WITHOUT PRIOR CONSENT OF NATURAL RESOURCES WALES 2021

A1

- NOTES:
- DIMENSIONS**
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  - CONCRETE**
    - ALL STRUCTURAL CONCRETE SHOULD BE IN LINE WITH THE SPECIFICATION 277161-ARP-04-XX-SP-CS-1006
  - COPING STONES**
    - FORM OF COPING STONE TO BE AGREED WITH THE PROJECT MANAGER AS PER THE WORKS INFORMATION. FIXING DETAILS AS PER 277161-ARP-04-XX-DR-XX-0004
  - REFER TO DRAWINGS**
    - 277161-ARP-04-XX-DR-XX-0001
    - 277161-ARP-04-XX-DR-XX-0003
    - 277161-ARP-04-XX-DR-XX-0004
    - 277161-ARP-04-XX-DR-XX-0011

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**CONSTRUCTION**

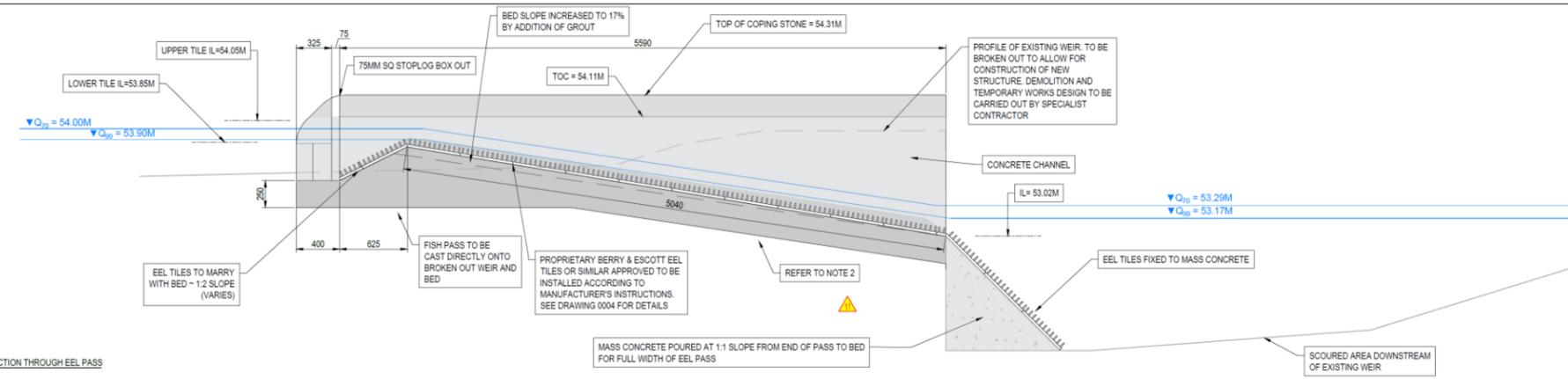
STABILITY OF EXISTING WEIR - POSSIBILITY OF COLLAPSE

**DECOMMISSIONING / DEMOLITION**

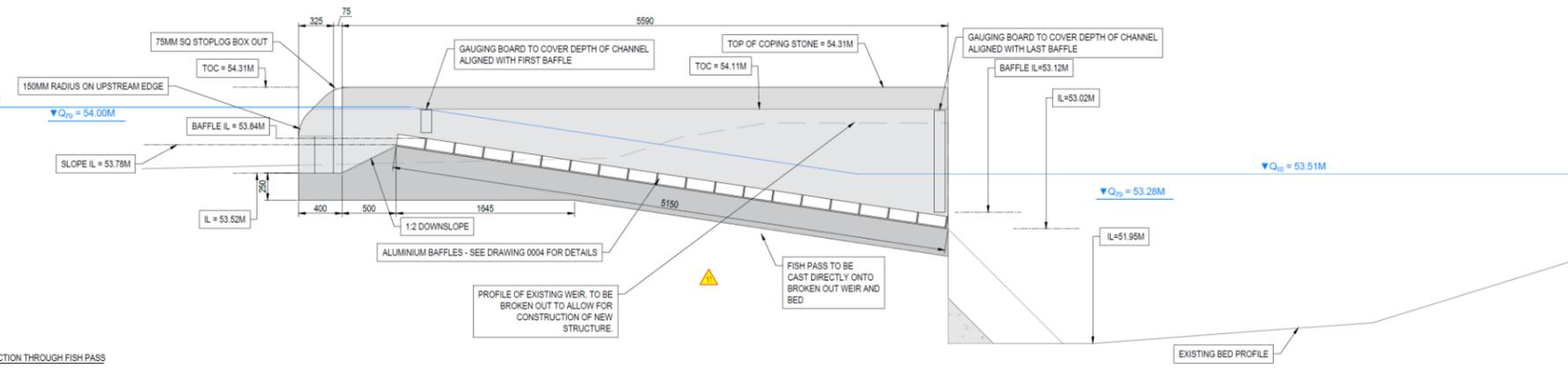
STABILITY OF EXISTING WEIR - POSSIBILITY OF COLLAPSE

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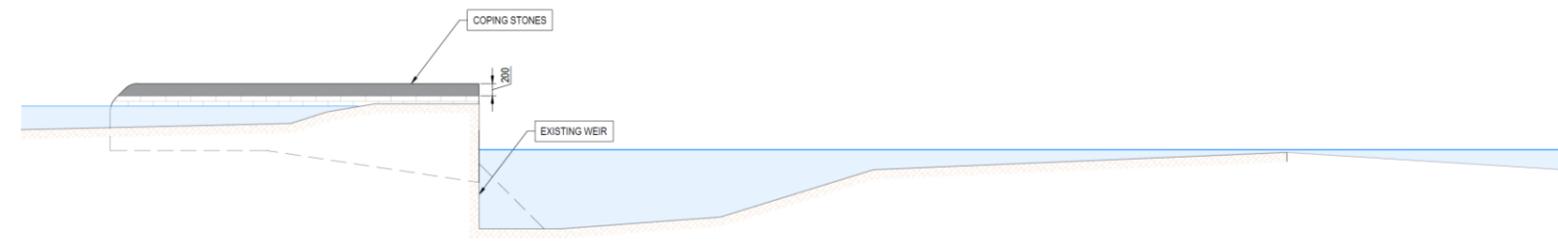
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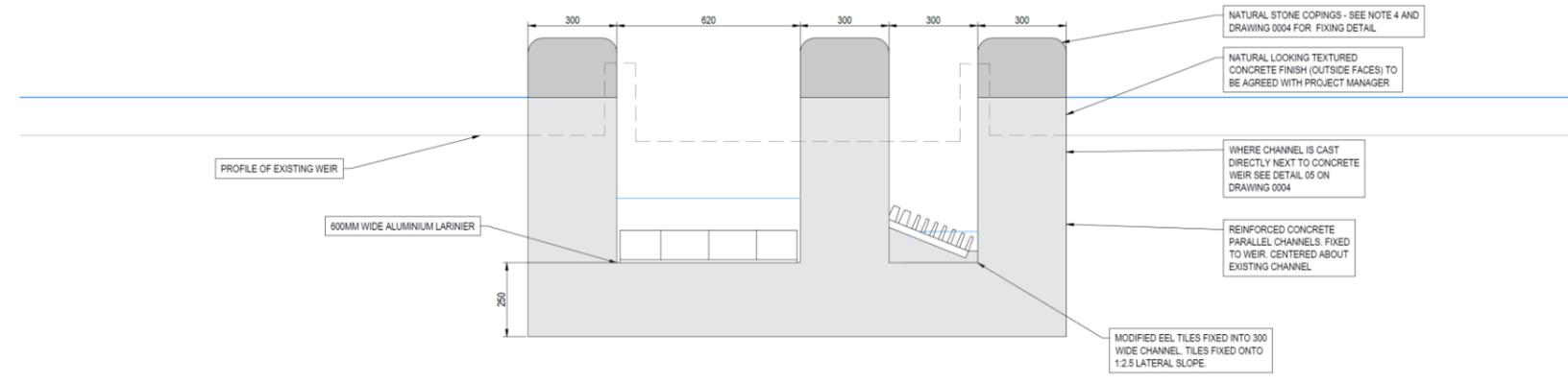
SECTION 01 - LONG SECTION THROUGH EEL PASS



SECTION 02 - LONG SECTION THROUGH FISH PASS



ELEVATION 01



SECTION 03 - THROUGH PASS

Rev	Description	Drawn	Check	App'd	Issue Date
CD1	FOR CONSTRUCTION	JS	PS	RC	13/04/21

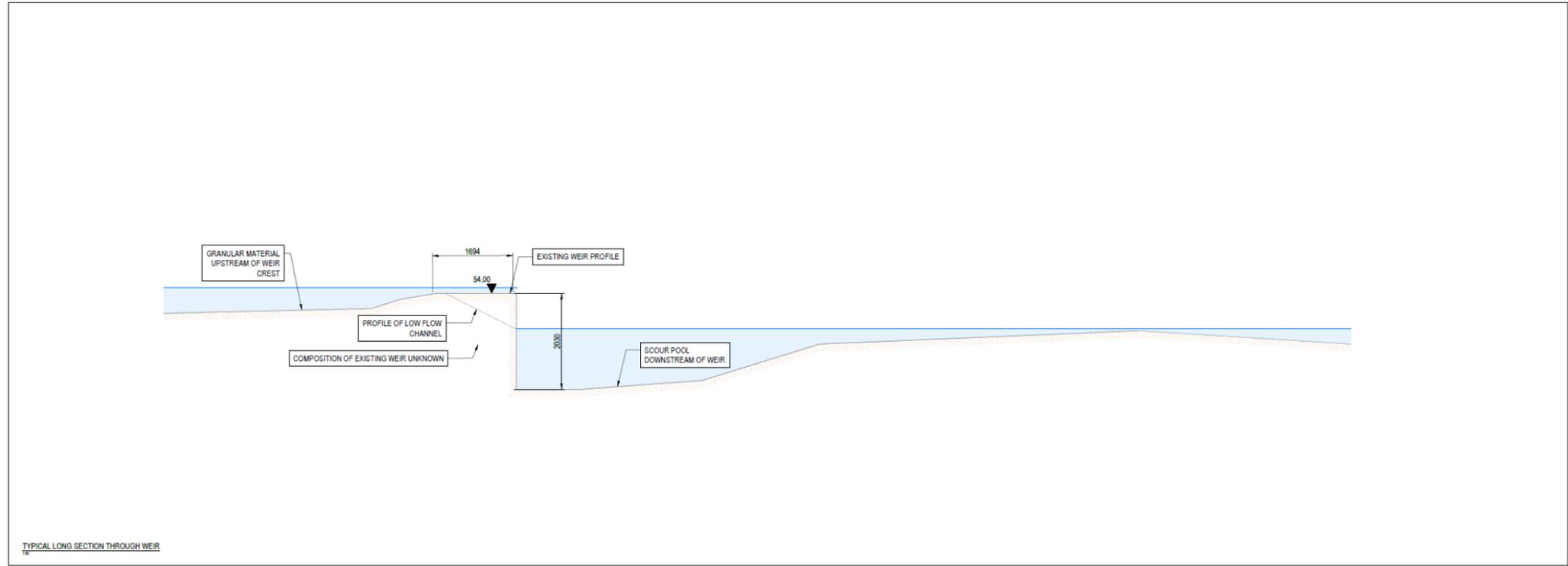
Project Name: SALMON FOR TOMORROW PHASE 2 LLANWRDA  
 Drawing Title: PROPOSED SECTIONS

Rev	Issue Date	Rev	Issue Date
FOR CONSTRUCTION		A	
277161	AS SHOWN	CD1	

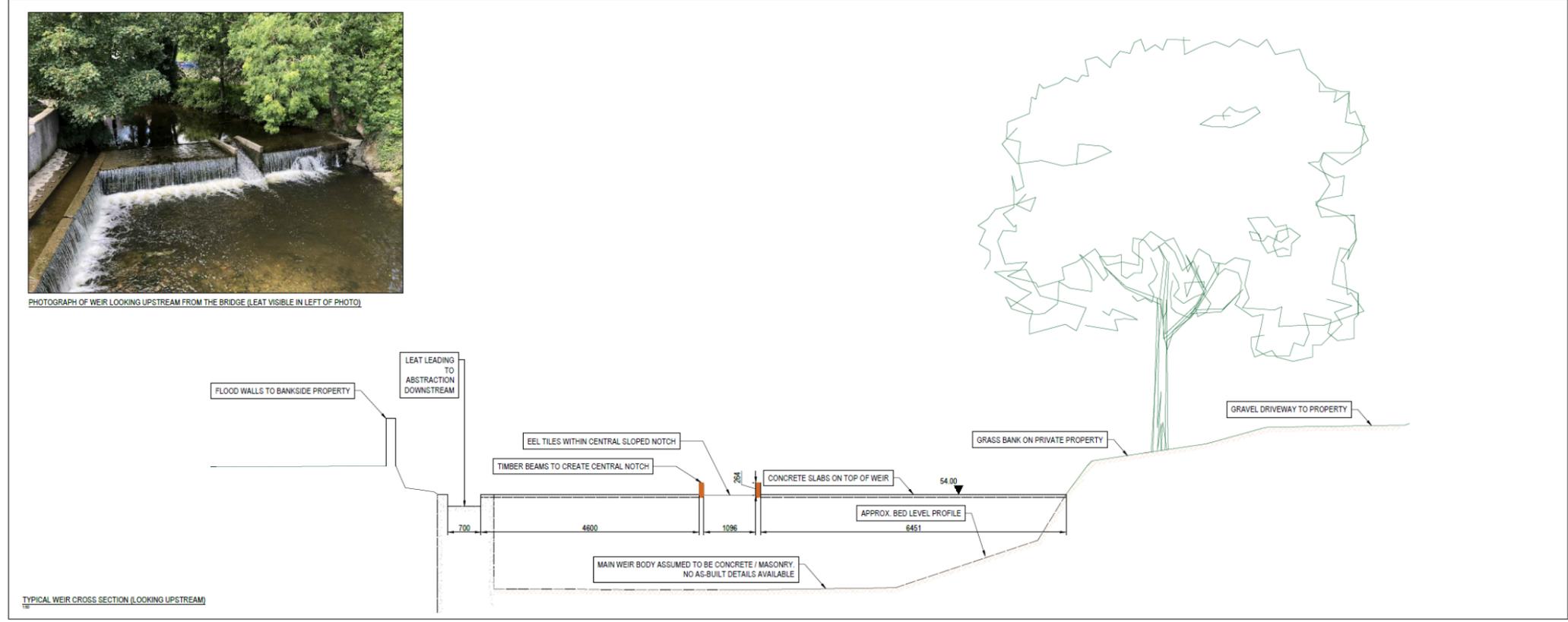
Drawing Number: 277161-ARP-04-XX-DR-XX-0002

A1

NOTES:  
 1. DIMENSIONS  
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TYPICAL LONG SECTION THROUGH WEIR



TYPICAL WEIR CROSS SECTION (LOOKING UPSTREAM)



PHOTOGRAPH OF WEIR LOOKING UPSTREAM FROM THE BRIDGE (LEAT VISIBLE IN LEFT OF PHOTO)

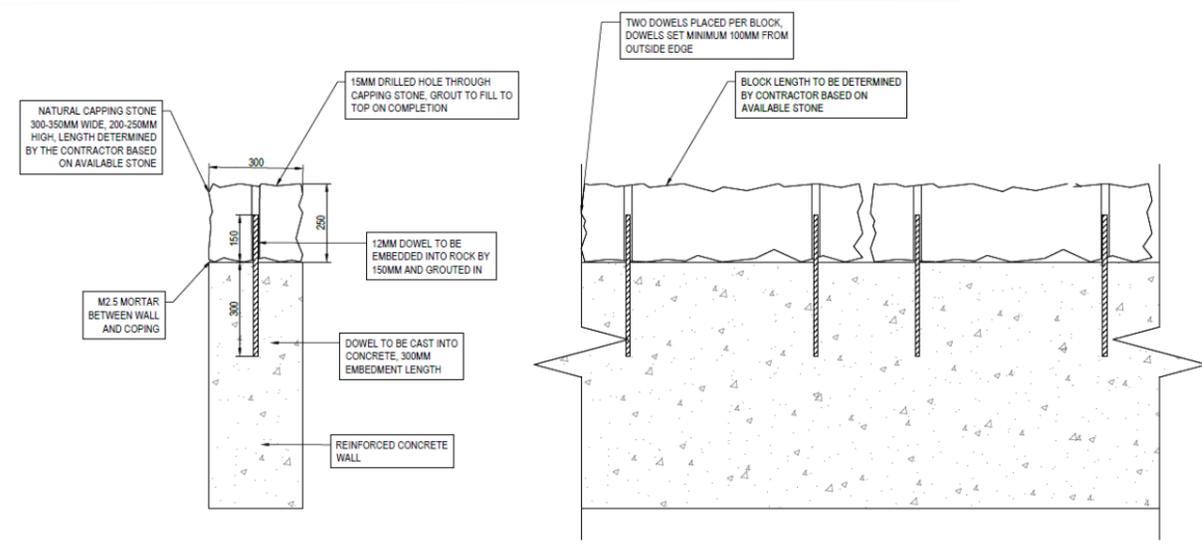
C01 FOR CONSTRUCTION	JS	PS	RC	09/04/21
Rev. Description	Drawn	Chkd.	Appd.	Issue Date

Project Name: SALMON FOR TOMORROW PHASE 2 LLANWRDA

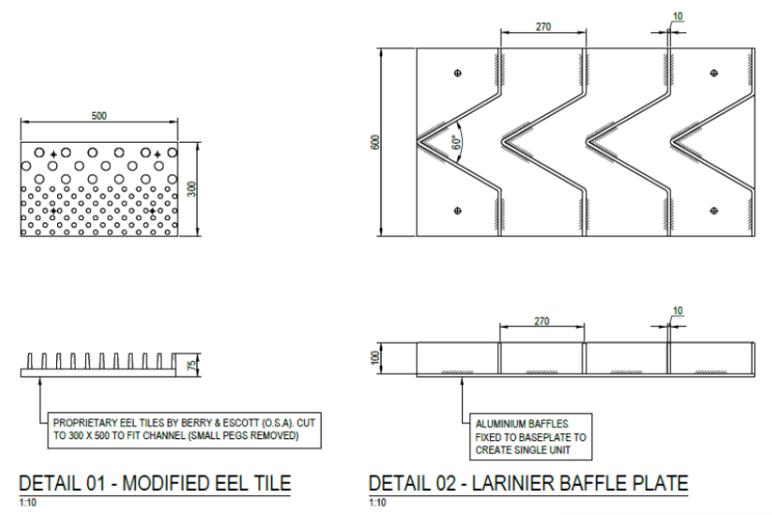
Drawing Title: EXISTING SECTIONS

Subsidiary:	FOR CONSTRUCTION	Subsidiary Code:	A
Internal Project Number:	277161	Scale:	AS SHOWN
Rev.:		Rev.:	C01
Drawing Number:	277161-ARP-04-XX-DR-XX-0003		

THIS DRAWING IS BASED UPON THE INFORMATION PROVIDED BY THE CLIENT AND THE DESIGNER ACCEPTS NO LIABILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED. THE DESIGNER ACCEPTS NO LIABILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED. THE DESIGNER ACCEPTS NO LIABILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED.

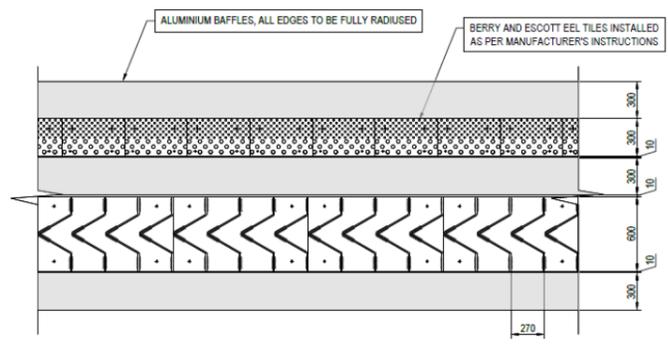


DETAIL 03 - CAPPING STONE  
1:10

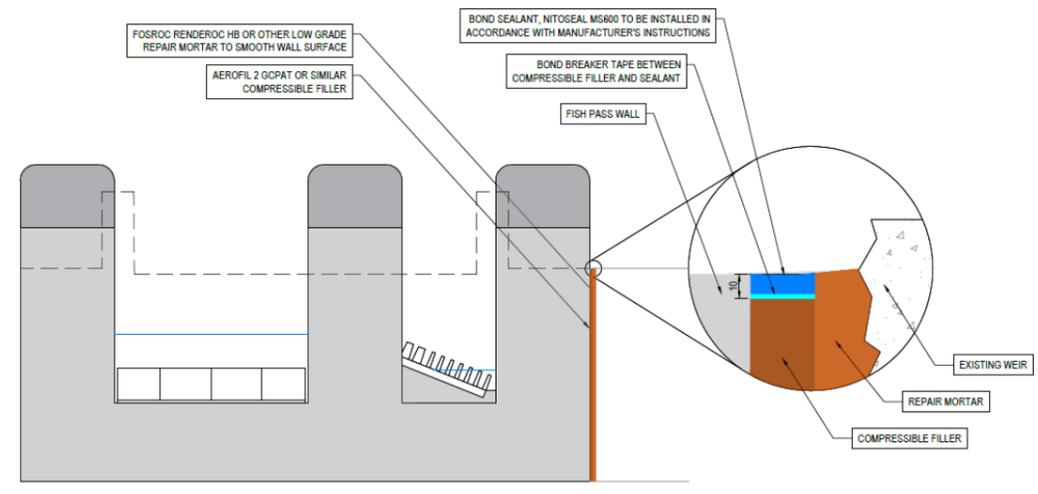


DETAIL 01 - MODIFIED EEL TILE  
1:10

DETAIL 02 - LARINIER BAFFLE PLATE  
1:10



DETAIL 04 - LARINIER BAFFLE AND EEL TILE TYPICAL PLAN  
1:25



DETAIL 05 - INTERFACE BETWEEN FISH PASS AND EXISTING WEIR  
NTS

- NOTES:
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  - REFER TO DRAWINGS**
    - 277161-ARP-04-XX-DR-JX-0001
    - 277161-ARP-04-XX-DR-JX-0002
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001	FOR CONSTRUCTION	JS	PS	RC	13/04/21
Rev.	Description	Drawn	Chkd	Appd	Issue Date
Project Name: SALMON FOR TOMORROW PHASE 2 LLANWRDA Drawing Title: DETAILS					
Subtitle: FOR CONSTRUCTION		Subtitle Code: A			
Internal Project Number: 277161		Scale: AS SHOWN		Rev: C01	
Drawing Number: 277161-ARP-04-XX-DR-XX-0004					

**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](http://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.