

apply unless stated as deleted, amended or augmented in accordance with the EA WEM Contract Works Information

Scales	1:1250	Current Issue Signatures		
		Author J.Czyrw	Поанна Сещи	
Original Size	A1	Checker M. Lakin	M.L.	
Datum		Approver S. Pudwell	Jon Mp	
Grid		C Copyright reserved		
Filename	:			



Drawing No.	Project No.		Issue
300 -	02925	-	P01





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. DIMENSIONS:

- Are in millimetres unless otherwise stated.
- Marked thus (*) are approximate. All levels are in metres to Site Datum.
- 2. SPECIFICATION:

All works to be carried out in accordance with the Environment Agency Minimum Technical Requirements which shall be the Civil Engineering Specification for the Water Industry (CESWI). All technical requirements clauses apply unless stated as deleted, amended or augmented in accordance with the EA WEM Contract Works Information documentation. RC CONCRETE:

- All concrete to comply with BS 8500-2. Concrete to have a min. strength class of C35 / 45.
- Designed Concrete Specification for Fish Pass wallas and base with 60 mm cover
- Compressive strength class = C35/45- Maximum water/cement ratio = 0.40
- Minimum cement/combination content = 380 kg/m3 - Recommended cement/combinations types =
- CEM I,IIIA (Max. 50% ggbs)
- Maximum aggregate size = 20 mm - Chloride content class = Cl 0, 20
- Consistence class = S2
- Reinforcement: All steel reinforcement shall be deformed Type 2 and shall be cut and bent to BS4466 or BS 4449. It is to be obtained from firms holding a valid Certificate of Approval for the manufacture and/or fabrication of steel reinforcement issued by the UK Certification Authority for Reinforcing Steels.
- Tying wire for steel reinforcement shall be 1.6mm diameter, annealed mild steel wire complying with BS1052.
- MJ: Movement joint to comprise 20mm thick hydrocell compressible filler + elastomeric sealant finish (e.g. Nitoseal MS300) or similar approved. Joint filler hydrocell to be fixed to concrete surfaces with Joint Filler Adhesive (rubber based one part contact adhesive)
- FORMWORK:
- Exposed formed concrete surfaces to have a fair worked finish unless otherwise indicated.
- Exposed unformed concrete surfaces to have a wood
- float finish unless otherwise indicated. Outside edges to have 25mm chamfer. (End 'abutting edges' to have square edge).
- MASS CONCRETE
- All concrete to comply with BS 8500-2
- Gen3 mass concrete Max 20mm Aggregate
- S2 consistency class
- **RIP RAP ROCK:**
- Riprap with mass grading as per BS EN 13383-1:2013 category A standard light grading of LMA40/200.

P05	Eel tiles added DS	09.11.23	
P04	Minor amendment	01.03.23	
P03	Minor amendment	17.01.23	
P02	GRP walkway over fish pass added	03.11.22	
P01	Initial Issue	01.04.22	
Issue	Description	Date	
Status			

Detailed Design

Scales	As Shown	Current Issue Signatures		
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Client





Bolham

Fish Pass

PROJECT

TITLE

carried out by crawler crane positioned off crane pad. -Check crane pad has been signed-off prior to use. -Larinier baffles to be lifted by excavator. -Strictly observe lifting plans.

Managing flow & stage levels in River Exe

enter cofferdam during flood flow conditions.

Managing seepage flows through weir

lines & life buoys are located bankside.

Working near water

personnel and machinery

Risk of falls from height

Access & Lifting

-Monitor seepage and condition of cofferdam.

-Check that pumping capacity exceeds seepage inflow.

-Assess bank stability / conditions considering access for

-Observe egress and evacuation plan from cofferdam. Do not

Services C6 - Check for identified & unidentified services by review of PCI, CATscan & GPR survey and mark-up prior to start of works.

-Sheet piles and shutterbox installation and extraction to be

Interface with public & other site operations < C7 > - Erect secure Heras fencing with lockable gates around the site compound and bankside working area.

Pollution of Watercourse -Observe 'Guidance for Pollution Prevention 2018'

-Observe Site Waste Management, Site Environmental Emergency and Incident Response Plans. For information relating to Use, Cleaning and Maintenance see the Health and Safety File

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method



Plans & Sections

Project No.

02925

Issue P05 -

PD04_A1



PD04_A1

NOTES:

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P03	Sill Notch added	03.11.22
P02	Notch slope added	26.08.22
P01	Initial Issue	18.07.22
Issue	Description	Date

Detailed Design

		J		
Scales	1:50	Current Issue Signatures		
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Client

+70.83

Status

PROJECT

Bolham Weir Smolt Screen & Smolt Notch

TITLE Site Plan Drawing No. Project No. Issue 02925 P03 301 --

P06	Chute walls raised	09.11.2	
P05	Minor amendments	01.03.2	
P04	Screen handles amended	03.11.2	
P03	Drawing rearranged	15.09.2	
P02	Notch slope added	26.08.2	
P01	Initial Issue	18.07.2	
Issue	Description	Date	
Status Detailed Design			

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