



**DRAFT FOR INFORMATION**

BYWASH CHANNEL INCLUDING  
TIMBER DIVERSION BOARDS

BURIED PENSTOCK  
CABLE

BELLMOUTH WEIR  
AND PENSTOCK

UPPER CONCRETE  
WEIR AND CHUTE

PEDESTRIAN BRIDGE

EXISTING VEGETATION  
AT THE TOP OF  
RESERVOIR SLOPE.

PUBLIC ACCESS TRACK  
ALONG RESERVOIR  
EMBANKMENT

LAMP POST AND  
INDICATIVE  
ELECTRICITY CABLE, TO  
BE LOCATED AND  
MARKED OUT ON SITE  
PRIOR TO  
COMMENCING WORKS

INDICATIVE PRIME  
CABLES LOCATION, TO  
BE LOCATED AND  
MARKED OUT ON SITE  
PRIOR TO  
COMMENCING WORKS

TO BANK GATE

UPPER DRAW OFF CULVERT RUNNING UNDER  
UPPER SPILLWAY (APPROX. ALIGNMENT SHOWN)

ROCKY  
GORGE

GATED ACCESS TO  
SPILLWAY SECURED WITH  
CHAIN AND PADLOCK

SOLAR CABINET FOR  
EMBANKMENT PRIME  
MONITORING EQUIPMENT

EXISTING WALL NEXT  
TO DROP SHAFT

GRADE 2  
LISTED BANK  
GATE MILL.

DROP SHAFT

DWARF WALL

DOWNSTREAM TUNNEL

EXISTING SPILLWAY  
OVER TUNNEL FOR  
LARGE STORM  
EVENTS

INDICATIVE LAND DRAIN PIPEWORK,  
TO BE LOCATED AND MARKED OUT ON  
SITE PRIOR TO COMMENCING WORKS

CHAIN AND POST FENCE

DOWNSTREAM CHANNEL

V-NOTCH  
WEIR BOX

CURVED WEIR AT  
END OF SPILLWAY

APPROX. LOCATION OF  
CULVERT OUTFALL THROUGH  
THE RETAINING WALL

TO WASTE

INDICATIVE LINE OF  
DRAWOFF TUNNEL

WASTE CHANNEL

PORTAL OF DRAWOFF TUNNEL

FEEDER CHANNEL

V-NOTCH

POSSIBLE BURIED HISTORIC FEEDER  
PIPE. NO LONGER IN SERVICE.

TO CANAL  
FEEDER

SOLAR PANEL AND  
CABINET FOR CANAL  
FEEDER

RIVER  
CHANNEL TO  
RIVER COLNE

- NOTES:**
- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
  - ALL DIMENSIONS ARE IN METRES IN PLANS AND MILLIMETRES ON DETAILS, AND ALL LEVELS ARE TO ORDNANCE SURVEY DATUM, BASED ON THE TOPOGRAPHIC SURVEY BY SURVEY OPERATIONS 22/11/2021 DATED DECEMBER 2022.
  - PRIOR TO COMMENCING ANY CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEYING LEVELS OF ALL EXISTING ASSETS TO WHICH THE PROPOSED WORKS INTERFACE. ANY VARIATIONS BETWEEN THE SURVEYS AND THE DRAWINGS SHALL BE IMMEDIATELY RAISED WITH THE TRUST.
  - THE CONTRACTOR IS TO VERIFY THE PRESENCE AND DETAILS OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS. APPROXIMATE LOCATIONS OF SERVICES THAT HAVE BEEN IDENTIFIED THROUGH DESKTOP STUDIES AND SITE INFORMATION ARE SHOWN ON THE DRAWING. ADDITIONAL SERVICES MAY BE PRESENT ON SITE AND THE CONTRACTOR SHALL EMPLOY SAFE DIGGING PRACTICES AT ALL TIMES.
  - WALL HEIGHTS AND LEVELS ARE BASED ON THE CRM PHYSICAL MODEL. LEVELS WILL BE CONFIRMED AT THE DETAILED DESIGN STAGE BASED ON THE OUTCOMES OF THE CFD MODELLING OF THE SPILLWAY.
  - EXTENT OF VEGETATION CLEARANCE AND REINSTATEMENT TO BE AGREED BETWEEN THE CONTRACTOR AND THE TRUST. THE TRUST IS RESPONSIBLE FOR ALL ECOLOGICAL AND ENVIRONMENTAL SURVEYS AND PERMITS FOR WORKS.
  - THE TRUST IS RESPONSIBLE FOR ARRANGING PERMISSION TO ACCESS AND WORK ON THIRD PARTY LAND.
  - MIN. 150mm THICK SEEDED TOPSOIL SHALL BE USED TO FINISH ALL LANDSCAPED SURFACES. ORIGINAL TOPSOIL TO BE RE-USED WHERE POSSIBLE. SEED MIX TO BE MIXTURE 1 AS PER THE TRUSTS RESERVOIR GREEN ASSET STANDARD.
  - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE FOLLOWING DOCUMENTS:  
P12553-ARC-00-XP-001-002-RP-CE-0017-Slaithwaite Design Report.  
P12553-ARC-00-XP-001-002-RG-CE-0006-Designer Risk Assessment.  
P12553-ARC-00-XP-001-002-DR-CE-1001-1030 (REFERENCES TO SPECIFIC DRAWINGS IN THE PACKAGE ARE NOTED ON THIS DRAWING).

- LEGEND:**
- STONE FACING CONCRETE WALLS
  - EXISTING CONCRETE WALLS
  - EXISTING CONCRETE WEIR
  - EXISTING FENCING
  - CONCRETE FOOTWAY
  - EXISTING TREES/VEGETATION
  - STONE BAFFLE BLOCKS
  - EXISTING SURFACE CONTOURS
  - ELECTRICITY CABLES
  - LAND DRAIN PIPEWORK
  - PRIME CABLES

Rev	Date	Description	Drawn	Check	Review	Approv
P03	21/03/25	DRAFT FOR INFORMATION	SG	MB	MB	
P02	27/01/25	FOR COSTING	AA	SG	MB	AH
P01	06/12/24	FOR INFORMATION	SC	SG	MB	AH

**Client**



**PROJECT:**

**SLAITHWAITE RESERVOIR**

**Site** SLAITHWAITE RESERVOIR  
**Client** Canal & River Trust  
 National Waterways Museum  
 Ellesmere Port, Cheshire, England, CH65 4FW  
 +44 (0) 0303 040 4040  
 www.canalrivertrust.org.uk



Registered office: 80 Fenchurch street, London, EC3M 4BY  
 Coordinating office: 80 Fenchurch Street, London, EC3M 4BY  
 Tel: +44 (0)20 7812 2000  
 www.arcadis.com

**TITLE:**  
**SLAITHWAITE RESERVOIR  
EXISTING SITE PLAN**

Design	S. GOGI	Signed	Date
Drawn	S. CHATTU	Signed	27/01/25
Checked	S. GOGI	Signed	27/01/25
Reviewed	M. BROWN	Signed	27/01/25
Approved	A. HOLT	Signed	27/01/25
Scale:	As shown	Datum:	AOD
Original Size:	A1	Grid:	OS
Suitability Code:	S2	Project Number:	P12553

**DRAFT FOR INFORMATION  
NOT TO BE USED FOR CONSTRUCTION**

Drawing Number: P12553-ARC-00-XP-001-002-DR-CE-1001  
Revision: P03

