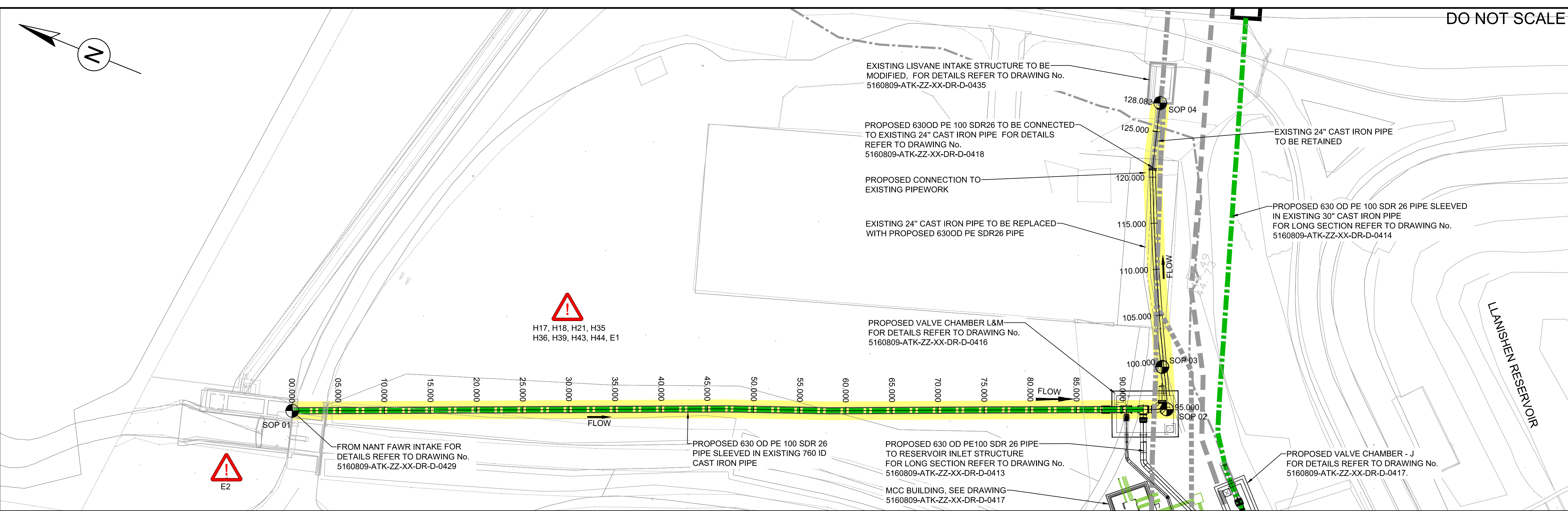
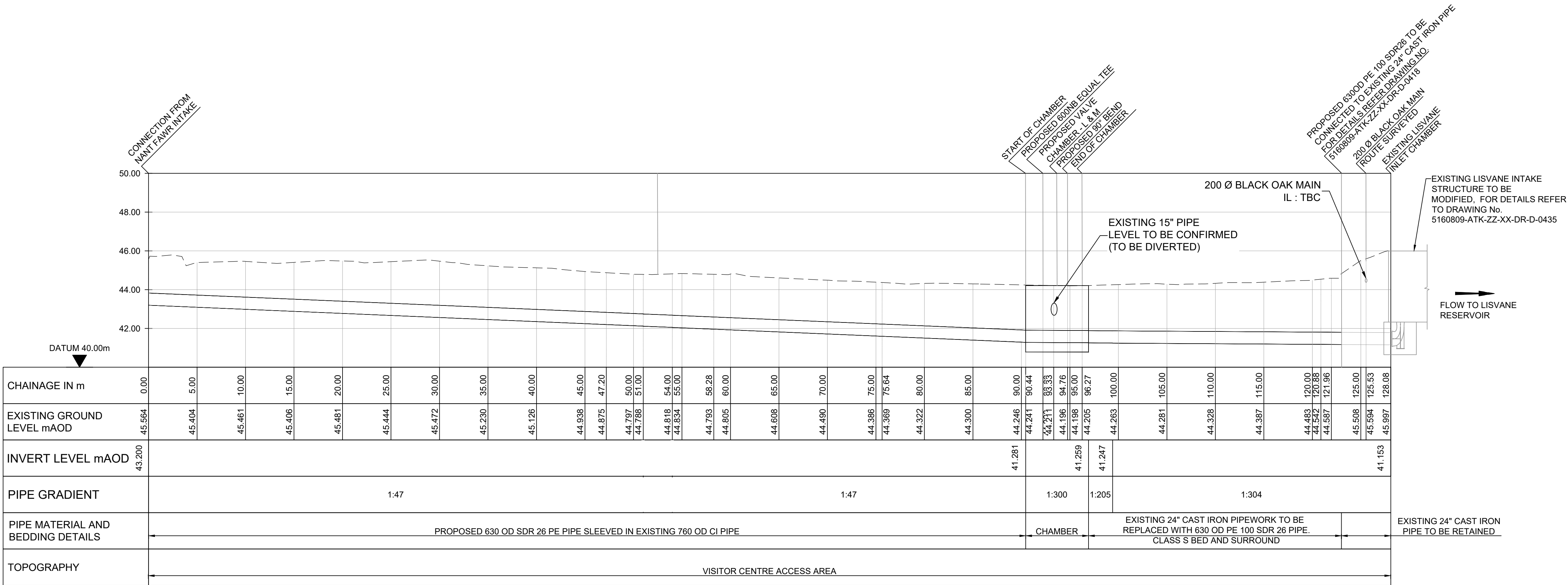


100
0 10
Millimetres



PLAN

SCALE 1:250



LONGITUDINAL SECTION - NANT FAWR TO LISVANE RESERVOIR

HORIZONTAL SCALE 1:250, VERTICAL SCALE 1:125

NOTES

- ALL LEVELS IN METERS TO ORDNANCE DATUM NEWLYN.
- ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED.
- WORKS TO BE IN ACCORDANCE WITH CESWI 7th EDITION AND DCWW CIVIL ENGINEERING SPECIFICATION OCTOBER 2013 ALONG WITH ATKINS SUPPLEMENTARY SPECIFICATION REF. 5160809-ATK-XX-ZZ-RP-C-1037.
- ALL VIKING JOHNSON FITTINGS TO BE DENSO WRAPPED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

KEY

LONG SECTION RELATES TO THIS SECTION OF PIPEWORK

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

H17 EXCAVATION FOR PIPES
H18 WORKING AT HEIGHT
H21 ON SITE WELDING
H35 CONSTRUCTION NEAR NANT FAWR STREAM
H36 WORKING ON GRADE II LISTED STRUCTURES
H39 INSTALLATION OF HEAVY PIPEWORK AND VALVES
H43 EXCAVATION WITH HIGH GROUND WATER LEVEL
H44 EXCAVATION NEAR DAM STRUCTURE
E1 WORKS ARE WITHIN SSSI AREA. REFER TO NRW ASSET FOR THE SITE
E2 JAPANESE ROSE AND MEXICAN FLEABANE HAVE BEEN IDENTIFIED NEAR NANT FAWR INTAKE STRUCTURE. THESE SHALL NOT BE DISTURBED PRIOR TO DISCUSSION WITH DCWW.

MAINTENANCE/CLEANING

H42 WORKING NEAR DEEP WATER
E1 WORKS ARE WITHIN SSSI AREA. REFER TO NRW ASSET FOR THE SITE
E2 JAPANESE ROSE AND MEXICAN FLEABANE HAVE BEEN IDENTIFIED NEAR NANT FAWR INTAKE STRUCTURE. THESE SHALL NOT BE DISTURBED PRIOR TO DISCUSSION WITH DCWW.

DECOMMISSIONING/DEMOLITION

H36 WORKING ON GRADE II LISTED STRUCTURES
E1 WORKS ARE WITHIN SSSI AREA. REFER TO NRW ASSET FOR THE SITE
E2 JAPANESE ROSE AND MEXICAN FLEABANE HAVE BEEN IDENTIFIED NEAR NANT FAWR INTAKE STRUCTURE. THESE SHALL NOT BE DISTURBED PRIOR TO DISCUSSION WITH DCWW.

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

C3	25/07/19	MINOR AMENDMENTS	MJE	AJM	CL
C2	20/12/18	UPDATED FOLLOWING COMMENTS	MJE	AJM	CL
C1	16/11/18	FOR CONSTRUCTION	ARJ	AJM	CL
P3	04/09/18	CHANGES FOLLOWING DESIGN REVIEW	MS		
P2	31/07/18	CHANGES FOLLOWING DESIGN REVIEW	CK		
P1	31/07/18	FOR CONSTRUCTION APPROVAL	CK		
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	Suitability
FOR CONSTRUCTION	A

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Client
Dŵr Cymru
Welsh Water

Project Title
LLANISHEN RESERVOIR

Drawing Title
LONGITUDINAL SECTION
FROM NANT FAWR INTAKE
TO EXISTING LISVANE INLET STRUCTURE

Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	CK	CK	AJM	CL
Original Size	Date	Date	Date	Date
A1	25/07/2018	25/07/2018	16/11/2018	16/11/2018
Drawing Number	Revision			
5160809-ATK-ZZ-XX-DR-D-0412	C3			