

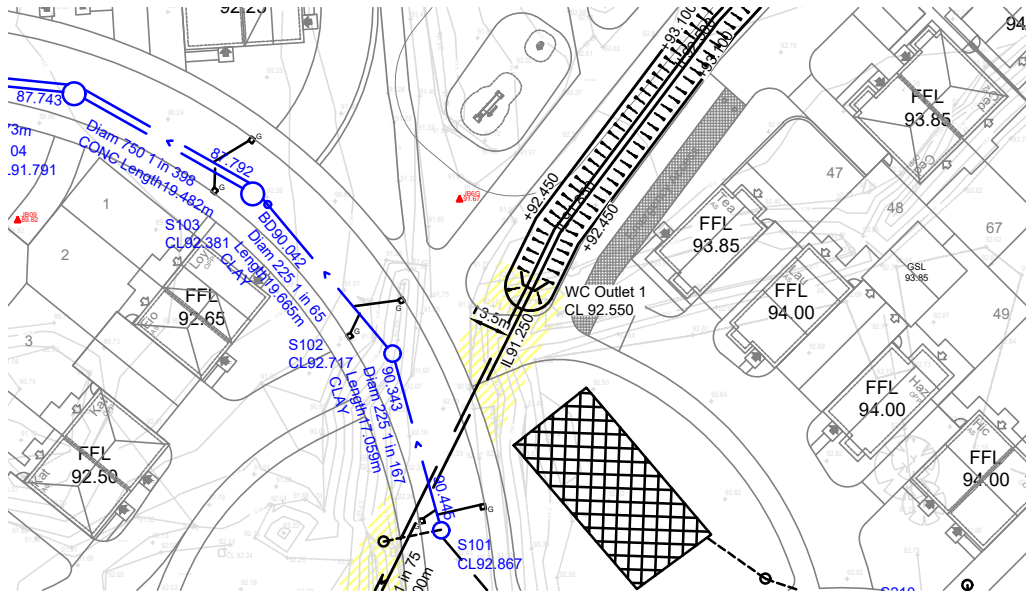
File Location: L:\001_JOBS_LIVE\WIGAN\82233 - DON STREET, MIDDLETON KELLEN HOMES\GRAPHIN\FRASTRUCTURE\40-18 WATERCOURSE DIVERSION.DWG

Watercourse diversion
proposals subject to modelling
and LLFA and EA consent

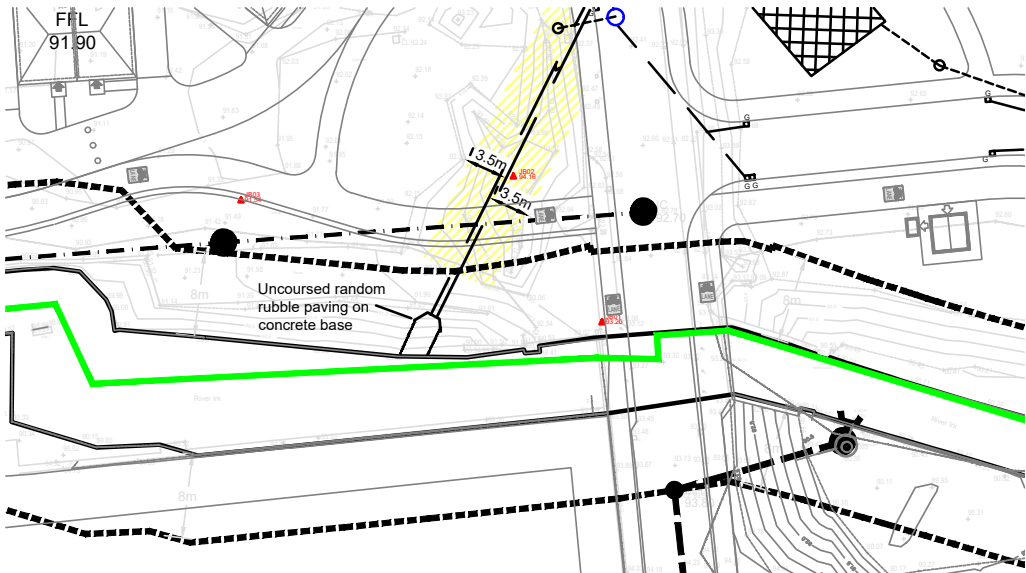
CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

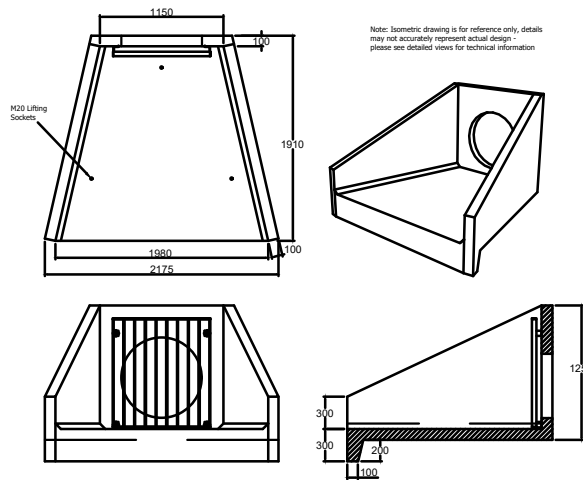
RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.



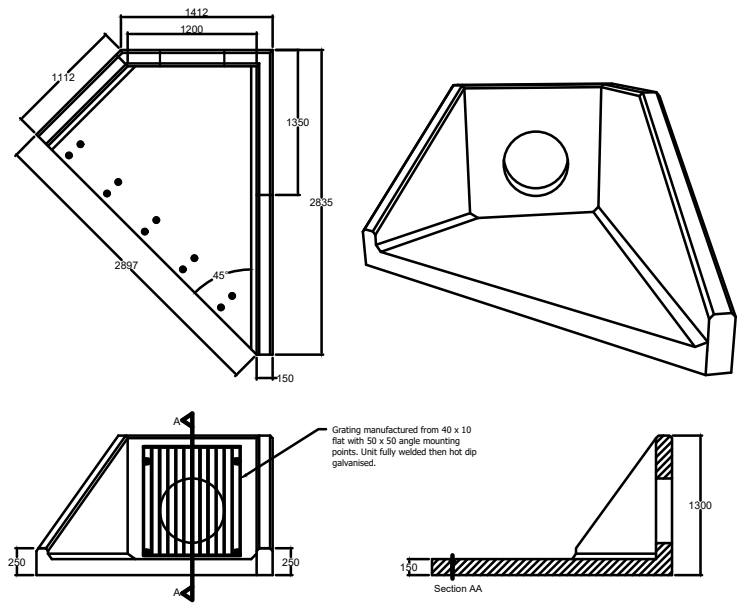
HEADWALL OUTLET 1 LOCATION PLAN
(1:500)



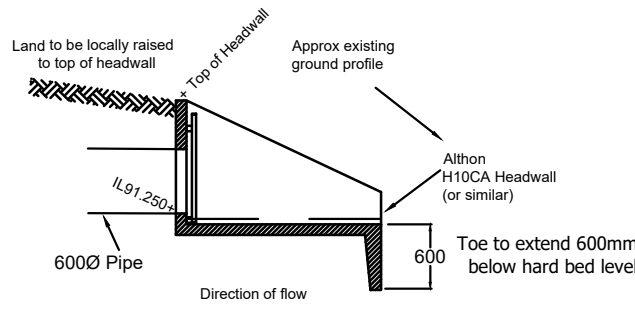
HEADWALL OUTLET 2 LOCATION PLAN
(1:500)



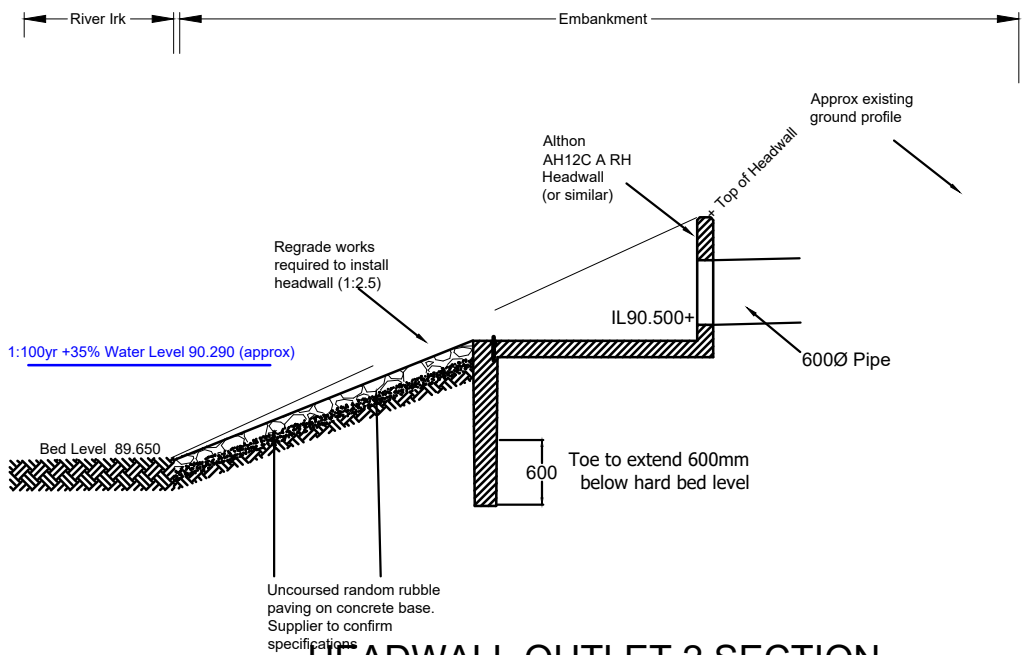
HEADWALL OUTLET 1 DETAIL
(1:50)



HEADWALL OUTLET 2 DETAIL
(1:50)



HEADWALL OUTLET 1 SECTION
(1:50)



HEADWALL OUTLET 2 SECTION
(1:50)

Headwalls to be positioned
in best location on site to
avoid minimal disruption to
existing EA main river banks.
Sections are indicative only.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P7	23.11.22	Updated to layout Rev AW	DS	MS	
P6	22.02.22	Revised to new planning layout Rev AD	LGS	MS	
P5	08.02.22	Revised to new planning layout Rev AA	JA	MS	
P4	27.01.22	Updated to new layout Rev X	MS	MS	
P3	11.11.21	Updated to new layout Rev S and LLFA comments	MS		
P2	22.10.21	Updated to new layout Rev Q	MS		
P1	12.07.21	First Issue	EP	MS	

RSK

LAND & DEVELOPMENT ENGINEERING LTD

Spring Lodge
172 Chester Road
Helsby
Cheshire, WA6 0AR
United Kingdom

Tel: +44 (0) 1928 726006
Fax: +44 (0) 1928 725633
Email: ide@rsk.co.uk
Web: www.rsk.co.uk

Client					
Kellen Homes					
Project Title					
Don Street Middleton					
Drawing Title					
Watercourse Diversion Headwall Details					
Drawn	Date	Checked	Date	Approved	Date
EP	JULY '21	MS	JULY '21		
Scale		Orig Size		Dimensions	
AS SHOWN		A1			
Project No.			Drawing File		
882333					
Drawing No.				Rev.	
40-18-02				P7	