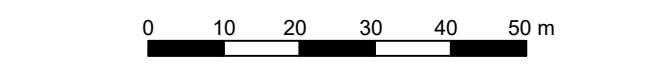


**HINCKLEY NATIONAL
RAIL FREIGHT INTERCHANGE**

Date: 22-07-2021
 Paper size: A1
 Scale: 1:1000



- Notes**
- Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
 - This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
 - All dimensions in millimetres unless noted otherwise. All levels in metres unless noted otherwise.
 - Any discrepancies noted on site are to be reported to the engineer immediately.
 - Drawing provided for illustrative purposes only. Design subject to further coordination and approvals.
 - Layout based on AJA drawing: 5905-177.
 - Attenuation indicatively sized for the 1 in 100 year storm event plus a 25% allowance for climate change for the estimated impermeable areas.
 - Equivalent greenfield runoff rates have been estimate to be 4.1 l/s/ha. To be agreed with the LLFA.
 - Foul water connection and site wide pumping requirements to be discussed and agreed with Severn Trent Water.

- Legend**
- APPLICATION BOUNDARY
 - EXISTING WATERCOURSE
 - PROPOSED CULVERT
 - INDICATIVE SURFACE WATER DRAINAGE RUN
 - ABOVE GROUND ATTENUATION FEATURE
 - MEASURED IMPERMEABLE AREA

REFER TO BWB WATERCOURSE SURVEY DRAWINGS FOR FURTHER DETAILS OF THE EXISTING CHANNELS. 'HNR1-BWB-00-00-M2-G-0060' SERIES. FURTHER SURVEYS REQUIRED TO INFORM LEVELS DESIGN.
 PROPOSED DISCHARGE RATES SPLIT EVENLY BETWEEN THE THREE CATCHMENTS TO AVOID SMALL DISCHARGE RATES.
 TOTAL IMPERMEABLE AREA: 2.06ha
 GREENFIELD RUNOFF: 4.1 l/s/ha (QBAR)
 TOTAL RUNOFF: 8.4 l/s

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**ES FIGURE 14.6 - A47 LINK ROAD
CONCEPT DRAINAGE STRATEGY**

APFP Regulation:	5(2)(a)
Document Ref:	6.3.14.6
Drawing Number:	Figure 14.6
Drawing Status:	FINAL
Revision:	V3
Drawn by:	R. Jobling
Approved by:	C. Dodd

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