

**NOTES**

- GENERAL**
- DO NOT SCALE FROM THIS DRAWING.
  - ALL DIMENSIONS ARE IN MILLIMETRES (mm) & ALL LEVELS ARE IN METRES (m) AOD, UNLESS STATED OTHERWISE.
  - ALL DIMENSIONS & LEVELS TO BE CHECKED ON SITE AND ANY DISCREPANCIES SHOULD BE REPORTED TO GHD LIVGUNN.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT PROJECT STANDARDS AND SPECIFICATIONS.

**DRAINAGE:**

- ALL DRAINAGE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CESWI 7TH EDITION
- NEW DRAINS ARE UNDERGROUND PVC-U IN 100mm DEPTH WITH 100mm SLOPE TO NEAREST DRAINS TO BE THERMALLY CHEMICAL RESISTANCE - 1BC
- PIPE JOINTS IMMEDIATELY ADJACENT TO STRUCTURES AND CHAMBERS ARE FULLY ARTICULATED ROCKER PIPE JOINTS.
- ROCKER PIPES ARE 600mm LONG UNO ROCKER PIPES TO BE POSITIONED MINIMUM ACHIEVABLE DISTANCE FROM MANHOLE OR CHAMBER WITH ALLOWANCE FOR INSTALLATION OF FLEXIBLE JOINT
- ALL BURIED PIPES AND DUCTS UNDER STRUCTURE TO BE ENCASED IN MIN 150mm THICK C16/20 MASS CONCRETE. ALSO WHERE GROUND COVER IS LESS THAN 900mm.
- DOUBLE STEPS SHALL BE PLASTIC ENCAPSULATED CARBON STEEL MANHOLE STEPS TO BS 1247-2. STEP IRONS AT 250/300 CENTRES HORIZONTALLY AND VERTICALLY MAY BE USED AS AN ALTERNATIVE TO DOUBLE STEPS.
- PIPE BEDDING DETAILS SHOWN ON DRAWING: BARRY\_01\_DWG\_01\_20135

**LEGEND:**

- HYDRANT RING MAIN
- SURFACE WATER DRAIN
- FOUL WATER DRAIN
- PROCESS WATER DRAIN (AS HATHERWARE THERMACHEM PIPEWORK)
- ELECTRICAL DUCTS
- POTABLE WATER MAIN (AS PURITON BARRIER PIPE OSA)
- SW SURFACE WATER MANHOLE
- FW FOUL WATER MANHOLE
- DP ELECTRICAL DRAWPOINT
- GU ROAD GULLY
- RWP ROAD GULLY
- HYP HYDRANT POINT (PROPOSED)
- IV ISOLATION VALVE (PROPOSED)
- BD BACK DROP
- FDVK FIRE DELUGE VALVE KOSK

**2D EXPORT FROM A 3D MODEL**  
ALL ALTERATIONS TO BE MADE IN THE MODEL FILE

**DRAWING TO BE REPRODUCED IN COLOUR**

**FOR INFORMATION**

Rev	Date	Issued For Information	Description	By	U.S.	MR	App
A	16.10.17						

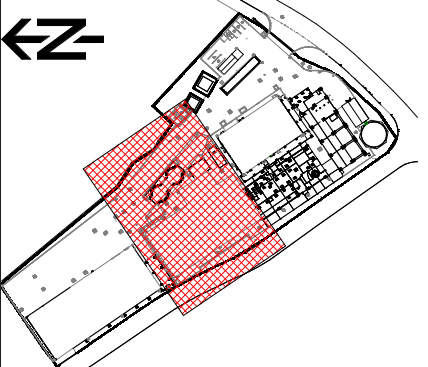
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**GallifordTry**

PROJECT: **BARRY BIOMASS UK NO 2 LIMITED**

TITLE: **PLANNING LAYOUT  
SITE SERVICES SHEET 2**

SCALE: 1:100	DRAWING SIZE: A1
DWG No: <b>BARRY_19_DWG_01_40102</b>	REV: <b>A</b>



**REFERENCE DRAWINGS:**  
BARRY\_19\_DWG\_01\_40101 - SITE SERVICES GA SHEET 1 OF 4  
BARRY\_19\_DWG\_01\_40102 - SITE SERVICES GA SHEET 2 OF 4  
BARRY\_19\_DWG\_01\_40103 - SITE SERVICES GA SHEET 3 OF 4  
BARRY\_19\_DWG\_01\_40104 - SITE SERVICES GA SHEET 4 OF 4  
BARRY\_19\_DWG\_01\_40105 - ATTENUATION TANK  
BARRY\_19\_DWG\_01\_40106 - FUEL INTERCEPTION

