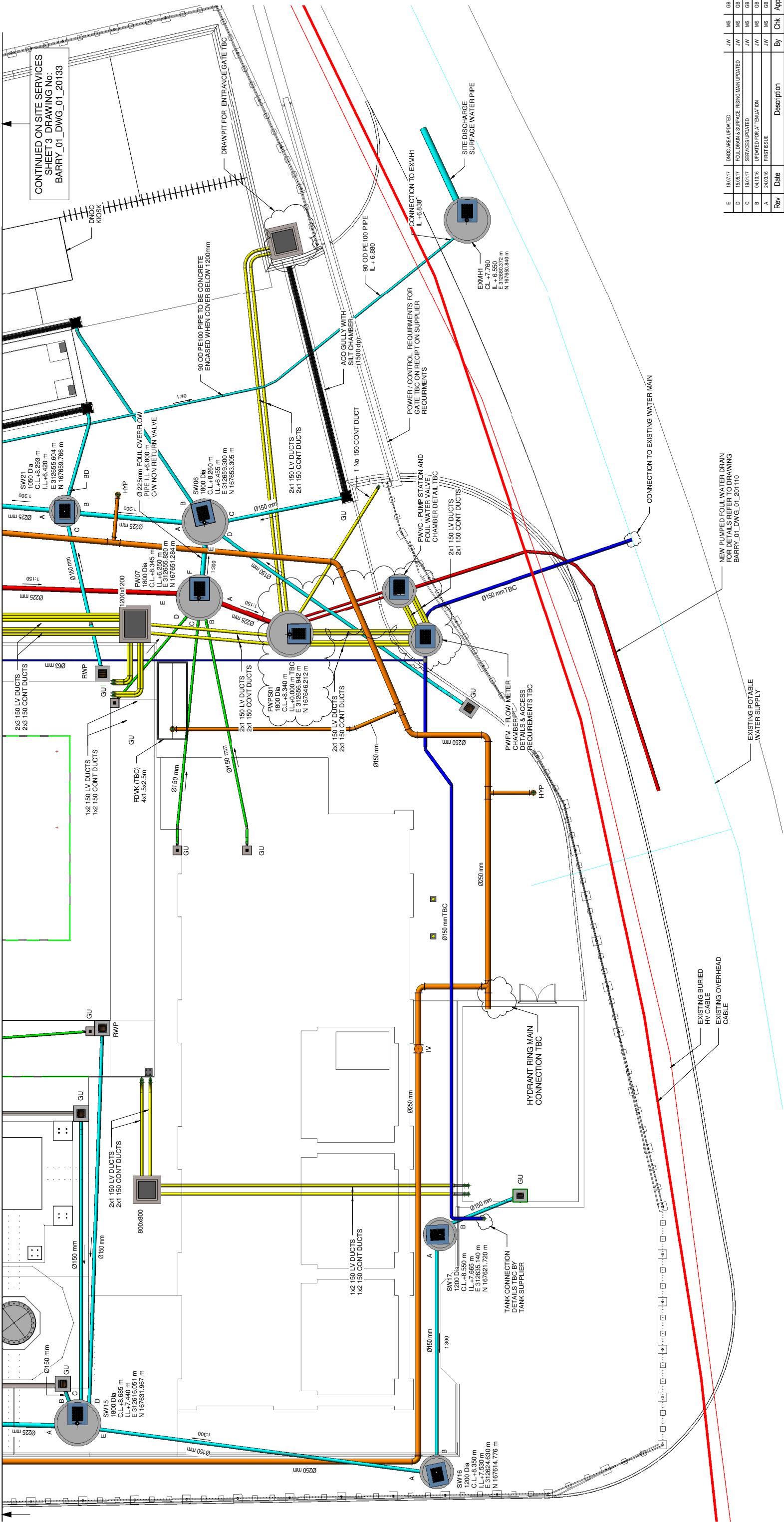




CONTINUED ON SITE SERVICES
SHEET 3 DRAWING NO:
BARRY_01_DWG_01_20133

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.
- REFERENCE DRAWINGS:**
- BARRY_01_DWG_01_20131 - SITE SERVICES GA SHEET 1 OF 4
 - BARRY_01_DWG_01_20132 - SITE SERVICES GA SHEET 2 OF 4
 - BARRY_01_DWG_01_20133 - SITE SERVICES GA SHEET 3 OF 4
 - BARRY_01_DWG_01_20134 - SITE SERVICES GA SHEET 4 OF 4
 - BARRY_01_DWG_01_20135 - SITE SERVICES DETAILS SHEET 1
 - BARRY_01_DWG_01_20136 - SITE SERVICES SCHEDULE

DRAINAGE:

- ALL DRAINAGE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CEWS/17TH EDITION
- NEW DRAINS ARE UNDERGROUND PVC-U IN ACCORDANCE WITH BS 5911:2005. JOINTS SHALL BE HATHENWARE CHEMICAL RESISTANCE - TBC
- PIPE JOINTS IMMEDIATELY ADJACENT TO STRUCTURES AND CHAMBERS ARE FULLY ARTICULATED ROCKER PIPE JOINTS.
- ROCKER PIPES ARE 800mm LONG UNJO 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
- ELECTRICAL DUCTS
- POTABLE WATER MAIN (AS PURITON BARRIER PIPE OSA)
- SW SURFACE WATER MANHOLE
- FW FOUL WATER MANHOLE
- FWVC FLOW WATER VALVE
- GU ROAD GULLY
- HYP HYDRANT POINT (PROPOSED)
- IV ISOLATION VALVE (PROPOSED)
- BD BACK DROP
- FDVK FIRE DELUGE VALVE KIOSK

PRELIMINARY

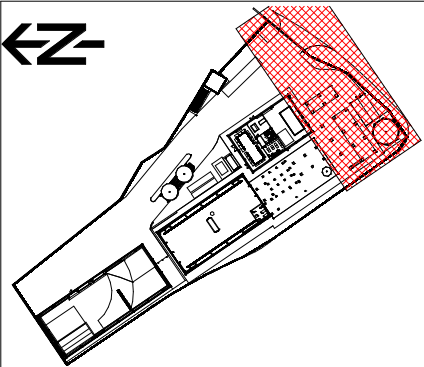
FIRE DELUGE VALVE KIOSK
LOCATION, SIZE, DRAINAGE &
POWER CONNECTION TBC

FOUL AND SURFACE WATER
DISCHARGE FLOW RATE AND
LOCATION TBC BY GALIFORD TRY.

FIRE RING MAIN SIZE AND MATERIAL
TBC (ASSUMED PE PIPE)

FIRE HYDRANT POSITIONS TBC

ALL ACO UNITS TO BE QFLOW
GALVANISED STEEL UNITS INSTALLED
IN LINE WITH MANUFACTURERS
RECOMMENDATIONS



LOCATION PLAN

Rev	Date	Description	By	Chk	App
E	19/07/17	DNOC REA UPDATED	JW	MS	GB
D	15/05/17	FOUL DRAIN & SURFACE RISING MAIN UPDATED	JW	MS	GB
C	19/01/17	SERVICES UPDATED	JW	MS	GB
B	04/10/16	UPDATED FOR ATTENUATION	JW	MS	GB
A	24/03/16	FIRST ISSUE	JW	MS	GB

Revision	Description
1	ISSUED FOR TENDER

GHD LIVGUNN

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CLIENT

GallifordTry

PROJECT
BARRY BIOMASS UK NO 2 LIMITED

TITLE
SITE SERVICES. SHEET 4

SCALE
1:100

DWG No
BARRY_01_DWG_01_20134

DECOMMISSIONING / DEMOLITION
NO SIGNIFICANT RISK

SAFETY, HEALTH & ENVIRONMENTAL (SHE) INFORMATION

IN ADDITION TO THE HAZARD RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

CONSTRUCTION

- EXISTING BURIED SERVICES MAY BE PRESENT.
- WATER TABLE LEVEL AT +5.00m AOD (APPROX) REFER TO CCG REPORT CCG-C-15-8005-5

MAINTENANCE / CLEANING

- MANHOLES ARE A CONFINED SPACE WITHOUT A SAFE MEANS OF ACCESS OR EGRESS. ENTRY PERMIT IS REQUIRED FOR ACCESS AND MAINTENANCE. WITH A SAFE AND SUITABLE MEANS OF ENTRY TO BE PROVIDED