

Notes

- A01. THESE NOTES ARE INTENDED TO AUGMENT DRAWINGS AND SPECIFICATIONS. WHERE CONFLICT OF REQUIREMENTS EXISTS THE ORDER OF PRECEDENCE SHALL BE AS SHOWN IN THE SPECIFICATION. OTHERWISE THE STRICTEST PROVISION SHALL GOVERN.
- A02. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS AND ARCHITECTS DRAWINGS.
- A03. DRAWINGS NOT TO BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER AND FURTHER INSTRUCTIONS OBTAINED BEFORE WORK IS COMMENCED.
- A04. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO DETERMINE THE ERECTION PROCEDURE AND SEQUENCE AND ENSURE THAT THE BUILDING AND ITS COMPONENTS ARE SAFE DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE-DOWNS WHICH MAY BE NECESSARY. SUCH MATERIAL REMAINING THE PROPERTY OF THE CONTRACTOR ON COMPLETION, AND FOR ENSURING THAT THE WORKS AND ANY ADJACENT PROPERTIES ARE SAFE IN THE TEMPORARY CONDITION.

NO PART OF THIS DRAWING MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT PRIOR PERMISSION IN WRITING FROM ALAN WOOD & PARTNERS.

KEY

- YORKSHIRE WATER EXISTING COMBINED SEWER
- YORKSHIRE WATER EXISTING SURFACE WATER SEWER
- NEW DIVERSION TO COMBINED SEWER
- SOUGH DYKE (EXISTING WATERCOURSE)
- - - DIVERSION (SOUGH DYKE)
- - - EXISTING CULVERT TO BE ABANDONED
- - - COMBINED SEWER TO BE ABANDONED
- - - APPROXIMATE EXTENT OF BASEMENT
- - - NEW SURFACE WATER PIPEWORK
- - - NEW FOUL PIPEWORK

The following sources of information have been used:
 Topographical Survey (Received 12/05/15)
 IBI Site Section Drawings (BBTC_IBI_MC_A_F100_SE (AA-DD))
 WYG Indicative Drainage Layout Drawing (1317 - 04/05/11)
 WYG Proposed diversions Drawing (1310 - 31/03/11)
 IBI Parameter Plans Drawing (BBTC_IBI_XX_A_F100_PL00_001)
 Yorkshire Water Exisitn Drainage Map (YW SE3305 SW)

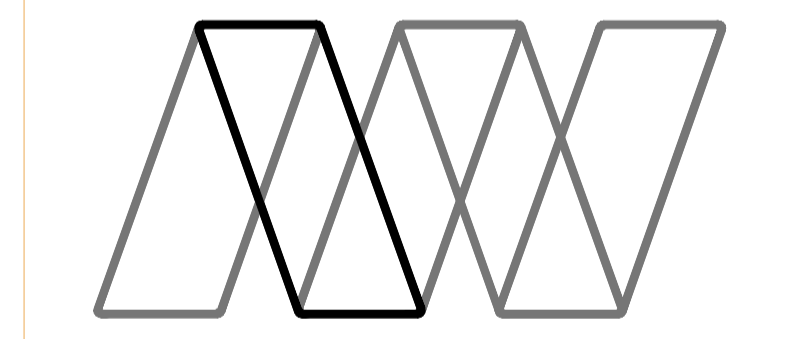
TECHNICAL INFORMATION

Run-off from existing site has been calculated as 382l/s based on an impermeable area of 2.75ha
 Permitted run-off from the new site will be 267l/s (existing minus 30%)
 Attenuation volume required for the new site is 424.6m³ to be stored in underground pipes. This is based on a 1 in 100 year storm event plus 20% for climate change
 Manholes located within the orange boundary will be internal manholes located in the underground carpark/servicing area

LIMITATIONS

Due to discrepancies in the information provided the layout and existing drainage have been traced from the latest pdf files, and scaled to tie in with the topographical survey as best fit
 All levels to be checked on site
 Drawing based on basic estimates, a full hydraulic model will be built for detailed design

Rev.	Description	Date	Drn.	Chk.
-	FIRST ISSUE	18.05.15	JH	CS



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Project: **BARNSELY TOWN CENTER REGENERATION**

Client: **BARNSELY M.B.C**

Drawing: **PRELIMINARY DRAINAGE LAYOUT**

Date: 20.05.15 Scale@A1: 1:250

Drawn By: JH Check By: AR Approved By: CS

Drawing Status: **PRELIMINARY**

Job no. **36760** Dwg. no. **001** Rev. **-**