



- NOTE:**
- For Foul & Stormwater Manhole Schedules refer to drawings CSH-BML-XX-XX-DR-C-0504.
 - For Flood Flow Analysis refer to drawings CSH-BML-XX-XX-DR-C-0506& 0507.
 - For Drainage Details refer to drawings CSH-BML-XX-XX-DR-C-0501 to 0503.
 - For Drainage Plan Layout refer to drawings CSH-BML-XX-XX-DR-C-0500 to 0508.
 - Pipe material shall be as follows:
1000 to 2250 - Vitrious Clay Class 120 to BS EN 295.
 - All pipes to have Class S bedding as per detail on drawing CSH-BML-XX-XX-DR-C-0501 unless otherwise specified.

Safety, Health & Environmental Information:
In addition to the hazards and risks normally associated with the types of work detailed on this drawing, please note the significant hazards identified by symbols below.

INDICATES A RESIDUAL RISK AS A WARNING

INDICATES A RESIDUAL RISK FOR INFORMATION

and described below:

Construction/Maintenance/Cleaning/Demolition
Refer to Drawing:

- General Notes:**
- Do not scale from this drawing.
 - All dimensions are in millimetres (mm), all levels in metres (m) unless noted otherwise.
 - Discrepancies or omissions are to be reported to the Engineer prior to work commencing.
 - Materials and workmanship are to comply in all respects with current British Standard Specifications, Codes of Practice, and Building Regulations Approved Documents.
 - The copyright of this drawing is vested in the Engineer and must not be copied or reproduced without written consent.
 - The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work commences.
 - This drawing is to be read in conjunction with all relevant specifications and drawings issued by the Engineer, Architect and other Specialists.

Drainage Key:

DNXXX SWS @ 1:XXX	Proposed Stormwater Sewer
DNXXX SFT @ 1:XXX	Proposed Filter Drain
DNXXX DWS @ 1:XXX	Proposed Dirty Water Sewer
	Proposed Stormwater Manhole
	Proposed Ridgistorm Separate Catchpit
	Proposed Stormwater Hydro-brake
	DN150 Gully / RWP Connector
RWP	Proposed Rain Water Pipe
	Proposed Rodding Eye
FFLXXXX	Proposed Finish Floor Level
	Proposed Pumping Station. Refer to drawing CSH-BML-XX-XX-DR-C-0503 for details.
DNXXX COMB	Proposed Rising Main
DNXXX DWS	Proposed Inspection Chamber with Grilled Cover. For details Refer to drawing CSH-BML-XX-XX-DR-C-0503

Rev	By / Chk'd	Date	Description
P03	IW/AM	0/02/2024	Drainage Plan Layout Updated
P02	IW/AM	26/01/24	Detailed Updated
P01	DH/AM	16/08/23	Preliminary Issue

PRELIMINARY DRAWING
This drawing is not to be used for construction

Client

BarnsleyMarshall Limited
1 Birch Court
Blackpole East
Worcester
WR3 6SG

Tel: 01905 330550
Email: design@barnsleymarshall.co.uk
Web: www.barnsleymarshall.co.uk

Project
Cow Shed
Elmridge Lane, Preston,
PR3 2NY

Drawing
Catchment Areas
2 of 2

By/Chk'd	RA/GM	Date	05/04/2023
Drawing No.	CSH-BML-XX-XX-DR-C-0509	Revision	P03
BML Job No.	1000-05	Status	-
Drawing Scale at A1:	1:250		
CAD Filename:			

Key:

0.005 Ha (100)	1st Row - Gross Area in Ha
	2nd Row - (PIMP)

Greenfield Runoff Rates

ICP SUDS Mean Annual Flood			
Input			
Return Period (years)	100	Soil	0.450
Area (ha)	0.916	Urban	0.000
SAAR (mm)	1057	Region Number	Region 10
Results l/s			
QBAR Rural	6.5		
QBAR Urban	6.5		
Q100 years	13.6		
Q1 year	5.7		
Q30 years	11.0		
Q100 years	13.6		

Inset A

