



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:

Drainage Key:

DNXXX SWS @ 1:XXX	Proposed Surface Water Sewer
DNXXX SFT @ 1:XXX	Proposed Filter Drain
Proposed Stormwater Manhole	
Proposed Ridgistorm Separate Catchpit	
Proposed DN1500 Hydro-brake Chamber	
Proposed DN1800 Diversion Chamber	
Cutoff Linear Drain	
Proposed Dirty Yard Water/ Lightly Fouled Water Sewer taken to Slurry Tank	
Proposed Yard Gully	
DN150 Gully / RWP Connector	
Proposed Rain Water Pipe	
Proposed Rodding Eye	
Proposed Inspection Chamber with Grilled Cover	
United Utilities Water Main (position shown indicatively)	
Proposed new water feed with stop-taps to specialist design & details	
Proposed Foul Sewer Rising Main	
Proposed DN100 Connector	
Proposed Foul Pumping Station	
Proposed Finish Floor Level	
Existing Water Sewer	

For drainage details from proposed buildings, refer drawing: CSH-BML-XX-XX-DR-C-0500

- Notes:
- The contractor is to check all information provided prior to commencing the works and seek clarification from the engineer in respect to any ambiguities found.
  - Pipe materials shall be as follows:  
Surface Water:  
-150a to 225a - Polypipe Polysewer PVCu pipes  
-300a and above - Polypipe Rigi-sewer PVCu pipes  
Foul Water:  
-All pipe materials shall be clayware Class 120 to BS EN 295
  - All drainage under trafficked areas must be backfilled with an approved graded granular material.
  - All chamber covers and gully tops shall be kile marked and comply with the strength / group requirements of BS EN 124.
  - Cover levels for chambers within landscaped areas shall be adjusted to match surrounding finished levels.
  - All new rainwater down pipes are to discharge into roddable connections.
  - All pipes to be benched within the chambers soffit to soffit.
  - Section 106 connection application to be sought and approved prior any connections to the public sewers.
  - All foul drainage pipes to be DN100 and all surface water pipes to be DN150 and laid at 1:100 or steeper (unless noted otherwise).
  - All foul SVP pipes to be laid at 1:40 or steeper, and 1:80 if at least one WC drains into the pipe.
  - Drainage chambers within areas paved with paving flags and block sets shall all have recessed covers.
  - Final position of all RWP's and SVP's to be confirmed.

- 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.

Planning Application Legend:

	Phase 1: Studio & Barn Holiday Lets
	Phase 2: Farmhouse Extension
	Phase 3: Cattle Sheds & Farmhouse Buildings

Key:

	Proposed Building
	Proposed Gravel Surround
	Existing Access Road
	Existing Building
	Proposed Concrete Slab
	Existing and Proposed Green Areas
	Existing Trees
	Proposed New Tree (refer to Landscape Architect Design)
	Proposed new hedgerow (refer to Landscape Architect Design)
	Proposed fencing

0 10 25 50m  
Scale 1:500

P03	IWINJ	08/08/2024	Updated to suit new masterplan
P02	IWINJ	23/07/2024	Existing drainage details updated
P01	IWINJ	08/07/2024	Preliminary issue for Client comments
Rev	By / Chkd	Date	Description

PRELIMINARY DRAWING  
This drawing is not to be used for construction

Client

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Project

**Cow Shed**  
**Elmridge Lane, Preston**  
**PR3 2NY**

High Level Drainage Strategy  
2 of 2

By	IW	Date	04/07/2024
Drawing No.	CSH-BML-XX-XX-DR-C-0501	Revision	P03
BML Job No.	1000-05	Status	-
Drawing Scale at A1:	1:500		
CAD Filename:	Y:\Projects\100-05 Cow Shed\Information - Working\DWG\CSH-BML-XX-XX-DR-C-0500 P01-HighLevel Drainage Strategy.dwg		