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Clean water from roof and clean surfaces to open and stone filled infiltration trenches and a piped system each side of the building. It will be collected in an underground storage tank with 2000 gallon capacity to be used for washing down purposes. Any surplus clean water will drain to existing ditches. At the wash down stage the clean water system around the yard will be switched to the underground dirty water tank.

Dirty water from wash down will be collected in an underground sealed tank, which will be taken by vacuum tanker and spread on the applicants land in accordance with the manure management plan. The tank will be compliant with SSAFO Regulations (Wales) 2010 Standard.

The clean and foul water drainage systems will be kept separate in order to ensure no pollution incident occurs to the environment.

Soil Type:  
Slowly permeable seasonally wet acid loamy & clayey soils.

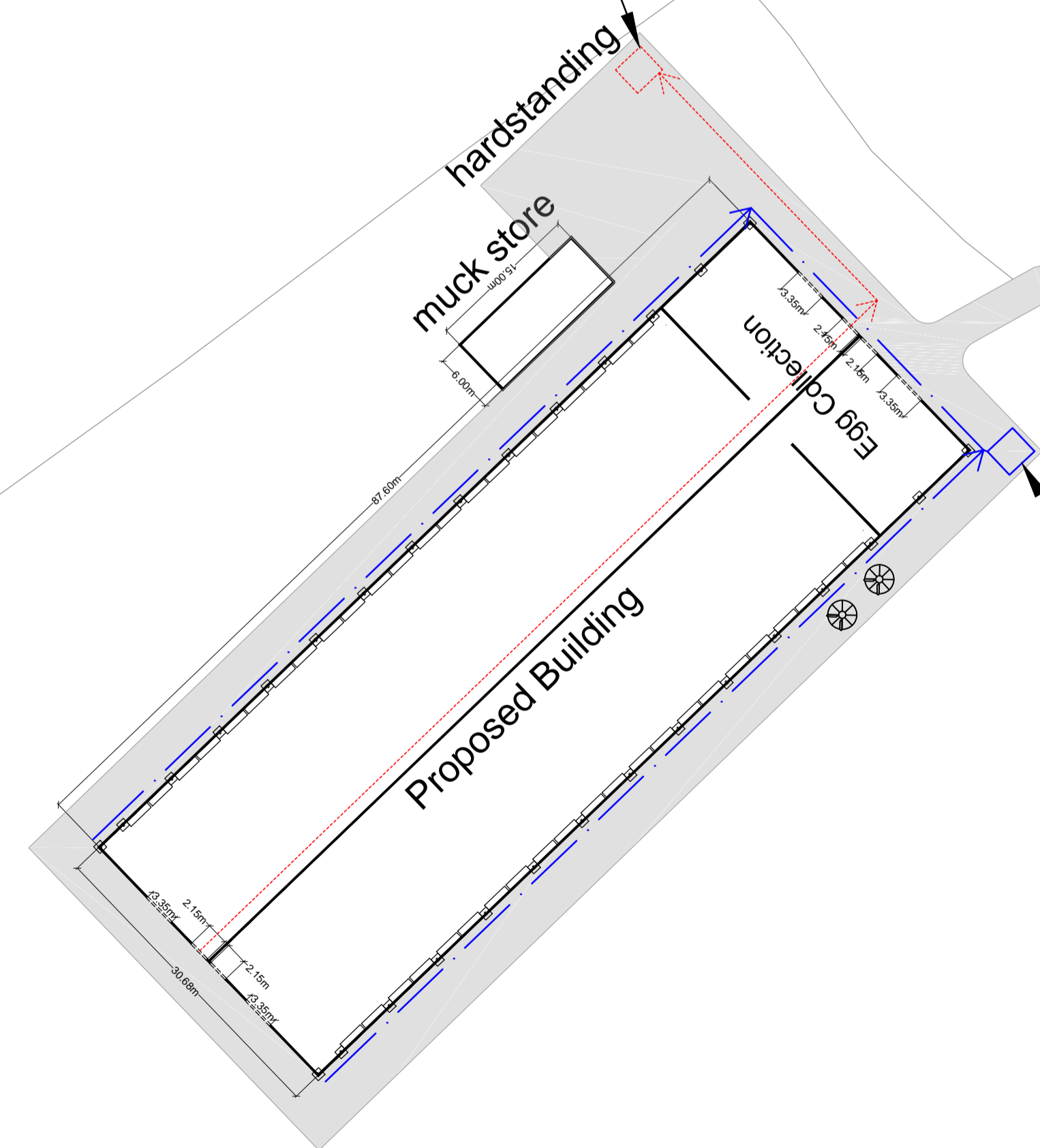
Access

Track

Direction of slope

Underground tank compliant with SSAFO Regulations (Wales) 2010 Standards

2000 gallon storage tank



Rev	Description	Date	Dr by	App by
Original				



Residential - Agricultural - Commercial	
Job	Replacement of an 8,000 free range unit with a 32,000 free range unit at Land at Cil Mawr
Title	Drainage Plan
Location	Land at Cil Mawr Meifod Powys SY22 6XZ
Client	R W Morris & Sons Ltd
Scales	1:500 @ A1
Drawing No.	RJC-MZ274-04
Drawn by	AZ
Date	11/07/2018

HOGSTOW HALL, MINSTERLEY  
SHREWSBURY, SHROPSHIRE, SY5 0HZ  
Tel: 01743 791336 Fax: 01743 792770  
email: mail@rogerparry.net  
Web address: www.rogerparry.net