Scale 1:250

Rodding Eyes may be suitable to replace Inspection Chamber. To be reviewed at detailed the design stage.

Proposed Cesspool, sealed underground tank with capacity of apx 18,000 litres. Volume TBC by specialist supplier modelled on anticipated use. Cesspool tank to be emptied by tanker.

Use of Permavoid Diffusrs (OF) to drain yard surface is subject to the confirmation of material type. If Permeable Blocks or TruckPave or similar with gravel underdrain.

Highway beyond this point is discharging unrestricted to public sewer - subject to approval of United Utilities

Depth to be confirmed. IL 132.070 is assumed sufficient to serve as an upstream connection for Gypsy Lane development surface water drainage.

This chamber is at extreme depth to suit existing level in topography for highway.

Demarcation Chamber within 1m of site boundary

Saddle connection to existing public sewer to be offered. United Utilities may request a new MH be constructed on line of surface water sewer

KEY

- Existing Storm Drain
- Existing Foul Drain
- Foul Drain
- Foul Inspection Chamber
- Foul Manhole
- Storm Drain
- Storm Inspection Chamber
- Storm Manhole
- Drainage Aco Channel
- RG Road Gully
- OF Permavoid Diffuser
- RE Storm Rodding Eye
- Private Attenuation Tank

Storm Design Details

Attenuated Area:

Roof/Buildings Area	= 265m²
Internal yard Area	= 865m²
Total	**= 1,130m²**

Access Road/Highway = 1300m²
- Note that highway is not attenuated as part of this development system due to topography.

Private Storage:
Cellular Attenuation Tank storage design based upon 1 in 100 year +40% storm event range, 1:500 Slope.
38m³ = 20 x 5 x 0.4m deep @95% Porosity

Private Flow Control:
1500ø FCC with Hydro-brake Vortex Device.
450mm Operating Head
Max Peak Discharge 3 l/s

Discharge rate to be confirmed following liaising with planning authority.

GENERAL NOTES

1.1. THIS DRAWING IS COPYRIGHT AND SHOULD NOT BE REPRODUCED IN WHOLE OR PART WITHOUT THE WRITTEN CONSENT OF PPCE GROUP LTD.
1.2 DO NOT SCALE FROM THIS DRAWING.
1.3. ALL DIMENSIONS TO BE CHECKED ON SITE AND CO-ORDINATE WITH RELEVANT ARCHITECT'S DRAWINGS. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION.
1.4. ALL DIMENSIONS IN METERS UNLESS NOTED OTHERWISE.
1.5. ALL LEVELS IN METERS.
1.6. SIZES HEREON SHALL NOT BE MODIFIED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
1.7. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS & SPECIFICATIONS.

REV.						
P1	Preliminary Issue					
	RGM	26.05.22				
REV.	REVISION NOTE/COMMENT					
	DRW BY	DATE	CCK BY	DATE	APP BY	DATE

PATRICK PARSONS
34 Candler Mews
Amyand Park Road
Twickenham
TW1 3JF
United Kingdom
T. +44 (0)208 538 9555
E. info@patrickparsons.co.uk
W. www.patrickparsons.co.uk

Client
AVERY ENERGY LTD

Project
Royle Barn Road,
Rochdale

Drawing
Drainage Strategy

Drawn	Date
RGM	MAY 2022
Patrick Parsons Project No. 10664	Scale @ A1 1:250

Status Description	Status
INFORMATION	S2
Drawing No. (project-originator-volume-level-type-role-number) ROY-PPC-XX-XX-DR-C-2005	Revision P1