Key of Proposed Drainage Network

Site Boundary

Existing Features

Existing Filter Strip

Existing Swale

Surface Water

Surface Water Sewer

Surface Water Access Chamber

Surface Water Catch Pit

Surface Water Flow Control Access Chamber

Surface Water Chamber With Fire Water Shut Off Valve

Surface Water Filter Drain

Surface Water Linear Collector (ACO Channel Drain or Similar Approved)

Surface Water Combine Kerb Drainage Channel (ACO Kerb Drain or Similar Approved)

Surface Water Road Gully With Gully Lead

Rain Water Pipe

Threshold Drain - ACO M100D unless noted otherwise

Surface Water Headwall

Attenuation Storage Tanks (SDS Geolight Cellular Storage or Similar Approved)

Trade Effluent

Trade Effluent Sewer

Trade Effluent Rising Main

Trade Effluent Access Chamber

Trade Effluent Linear Collector (ACO Channel Drain or Similar Approved)

Trade Effluent Tank

EXTRACT FROM ORDNANCE SURVEY.

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Notes:

General:

1. All dimensions and levels are in metres.
2. Do not scale from this drawing. Use figured dimensions only.
3. All existing assets to be protected during construction.
4. SuDS maintenance regime to be implemented in accordance with the recommendations in 'the SuDS Manual (CIRIA C753) and manufacturers instructions.
5. Backfill requirements to specification for highway works MCHW Vol. 1.
6. Pervious pavements designed to a CBR value of 2.5%. Contractor to proof roll subgrade prior to construction, any identified soft spots are to be excavated and replaced with compacted Type 1 granular material to MCHW Vol. 1 Cl. 803.

Concrete:

7. Blinding and infill concrete to be grade ST2 to BS 8500.
8. Mass concrete surround to pipes, access chambers, gullies and kerbs etc. to be grade ST4 to BS 8500.
9. Concrete to benching to be formed with a rough key to receive a 20mm thick granolithic render trowelled hard with a steel trowel to provide a dense, durable smooth surface.
10. Buried concrete AC-2 and DS-2.

Granular Material:

11. Type 1 granular material to MCHW Vol.1 Cl. 803.
12. 4/20 clean open graded stone to BS EN 13242:2000.
13. 6F2 material to Table 6.1 of MCHW Vol.1 Series 600.

Pipework:

14. All pipework & fittings to be OSMA drain or OSMA ultra rib, or similar approved.
15. The length of pipework between access covers to include for any short length pipes as necessary to achieve the configuration of rocker pipes and standard short length pipes at fixed access chamber positions.
16. All pipework built into access chambers to be either standard short lengths or cut lengths as appropriate.
17. Rocker pipes to be a maximum of 600mm long.
18. All 'y' connections to be formed utilising proprietary junction sections.

Brickwork:

19. Where required, brickwork to access chambers and gullies to be Class B engineering brickwork to BS 771 laid in English bond 225mm thick with Class M6 (Class 2) mortar, flush pointed.

Access Covers and Gratings:

20. All access covers in trafficked areas to be non-rocking type, single sealed, locking and load class D400.
21. All access covers in non-trafficked areas to be non-rocking type, single sealed, locking and load class B125.
22. All internal foul access covers are to be pre-fabricated type, hung from suspended floor slab.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING

Location of the existing statutory services on this drawing have been interpreted from information received from the statutory providers. The site team should anticipate additional services such as street lighting and associated cabling, overhead telecoms or power and storm water sewers (not shown on DCWW plans). The utilities are shown diagrammatically on this drawing and are not definitive. Location of utilities should be confirmed on site prior to construction.

- Working in or near a watercourse
- Working in or near a highway

For further details on risks refer to the designers risk assessments

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT

Rev	Dwn	Chkd	Appd	Description	Date

Purpose of Issue

S0 - Work In Progress

Classification

Confidential

Client

Project

Pembrokeshire County Council
Eco Park

Drawing

Phase 4
Drainage Layout

Scale @ A1	Drawn	Checked	Approved
1:200	DL	-	-

Project No. CS/101992

Date DEC23

Drawing Identifier (Project - Originator - Zone - Level - File Type - Role - Number)

PECO-WSP-P4-XX-DR-D-0540

Revision P01

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SCALE 1:200

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