

**Note General:**

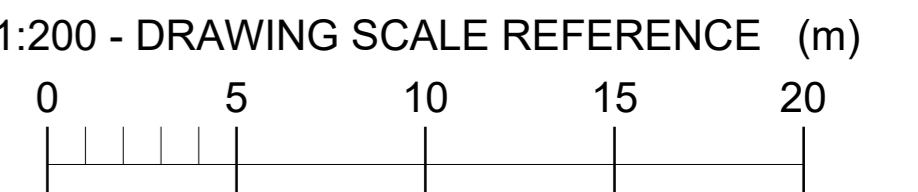
1. This document has been created in accordance with PDC Engineering terms & conditions along with the scope of works provided by the client to PDC Engineering. Any use of this document other than for its original purpose is prohibited. PDC Engineering accepts no liability for any third party use of this document.
2. PDC Engineering is to be informed immediately of any alterations/deviations identified on-site from the information shown on the engineering drawings.
3. PDC Engineering to be immediately notified of any suspected omissions or discrepancies.
4. All proprietary materials to be fixed strictly in accordance with manufacturer's recommendations using materials approved by the manufacturer.
5. Inspections by the Local Authority, shall be arranged by the contractor to suit their program.
6. Until technical approval has been obtained from the relevant authorities it should be understood that all drawings issued are preliminary and not for construction. Should the contractor start site work prior to approval being given, it is entirely at their own risk.

**Note Drainage:**

1. Unless noted otherwise all pipework shall be constructed from PVC-U to BS EN 1401-1 bedded and backfilled as per the manufacturer's recommendations and the above listed publications.
2. All private drainage shall be in accordance with BS EN 752 and relevant sections of Approved Document H of the Building Regulations. The Contractor's attention is drawn to Diagrams 7 and 8 of The Building Regulations Approved Document H showing details of drains laid below and near to buildings.
3. Generally, pipes to have granular bed & surround in accordance with manufacturer's recommendations, ensuring adequate protection with respect to depth and location.
4. All surface water pipes to be 150mm ø, and laid no flatter than 1:100 unless stated otherwise.
5. RWP's are shown indicatively only. Refer to architect's drawings for accurate locations.
6. Where surface water drains to ground, the existing ground should be broken up prior to laying the subgrade to aid infiltration.
7. All covers, gratings and frames to chambers, gullies, channels etc. shall be of the correct load class to suit their location.
  - Load Class A15 Domestic gardens (not accessible by vehicles.)
  - Load Class B125 Pedestrian areas where occasional vehicular access is likely
  - Load class C250 Driveways, public open space, paved areas and landscaping
  - Gratings in pedestrian areas to be designed for pedestrian use (in heel safe).
8. All pre-cast and in-situ concrete and mortars used in the construction of drains and sewers shall be made from sulphate resisting cement.
9. All levels and dimensions should be checked on-site by contractors and relevant sub-contractors.
10. Existing services & sewers indicated on this and any other related drawings are not necessarily shown on the drawings. The contractor shall liaise with the utility provider to determine precise location of existing services. Existing services should be marked out on-site prior to any excavation works. All utility company guidelines, and health & safety procedures must be strictly followed.
11. Prior to commencement of the works all drainage outfall points, whether existing sewer, drain, or watercourse, shall be verified on-site by the Contractor. If the outfall point is found to be higher or significantly lower than shown on the drawings then PDC Engineering shall be notified immediately. Prior to commencement of construction on-site the Contractor shall install all off-site drainage connections, or satisfy themselves that there are no obstructions or other reasons why the drainage connections cannot be made.

**Feature Key**

Site Boundary	—
Proposed Surface Water Sewers	---
Pipe Diameter / Pipe Gradient (Modelling Ref) / Pipe Length	150 @ 1:150 (1.021) 25.5m
Proposed Paving Drain	---
Rainwater Filter Chamber	RFC
Water Butt	WB
Rodding Eye	RE
Overland Flow Routes	→



**FOR PLANNING**

0	22-02-24	-	MJH	First Issue
Rev	Date	By	Checked	Description

**pdc** PLANNING DESIGN CIVIL

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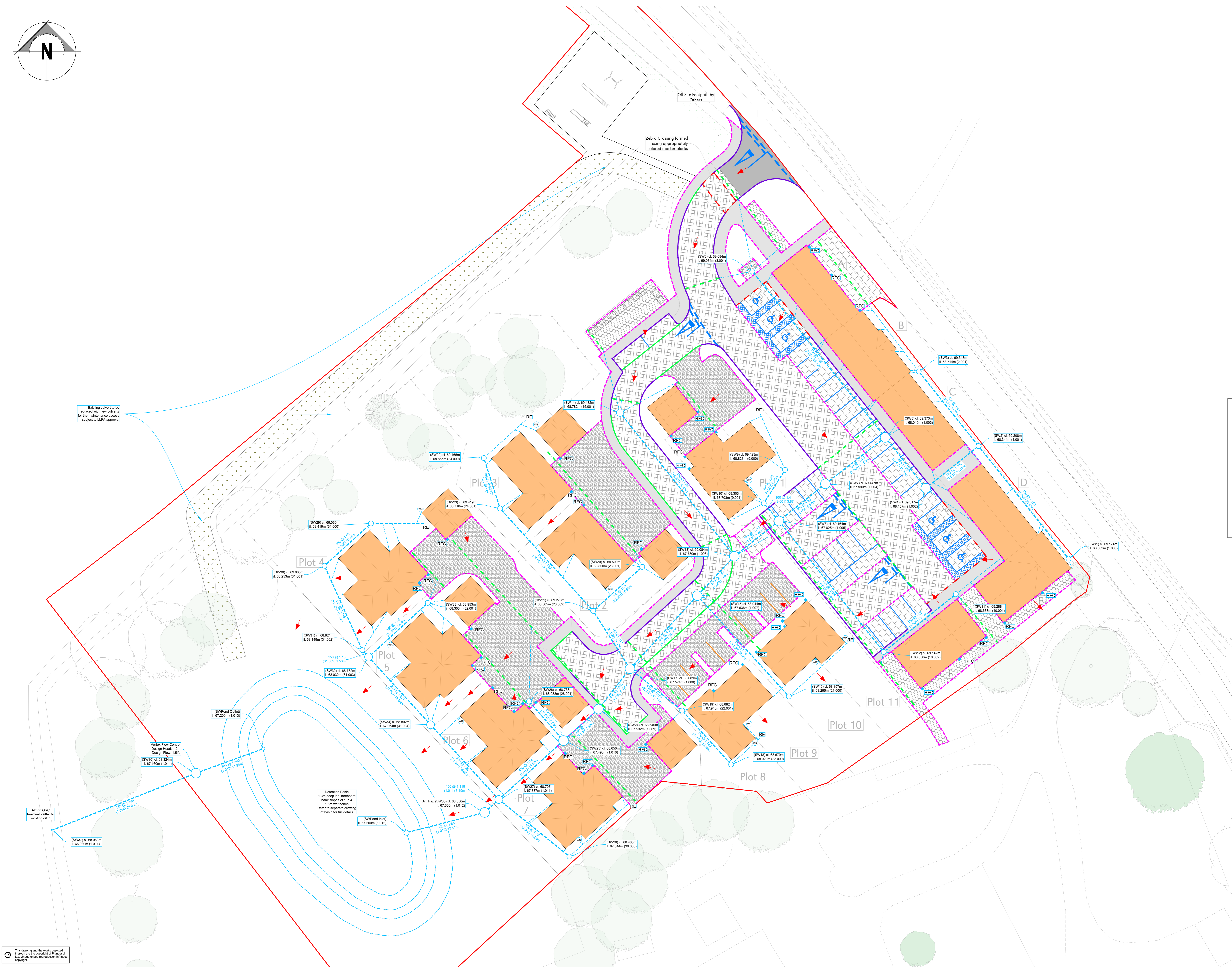
civil • structural • environmental • surveying

Client  
**Herin Property Investments**

Project  
**Willisham Hall  
Willisham Hall Road  
Willisham, IP8 4SL**

Drawing Title  
**Surface Water Drainage  
Plan**

Scale	U.N.O.	Date	Drawn By
1:200 (A0)		February 2024	CES
Drawing No.	29478/005	Rev	0



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