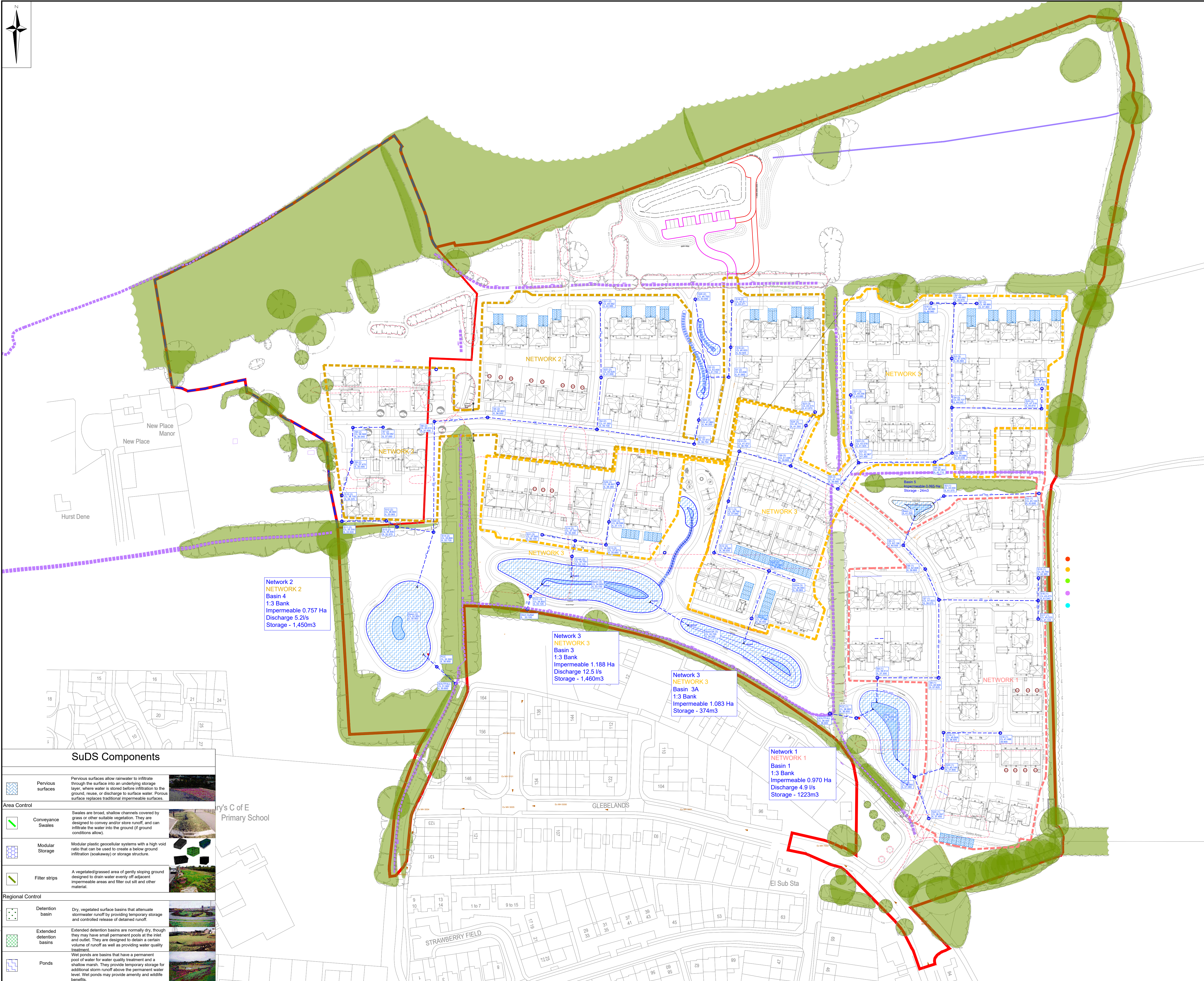
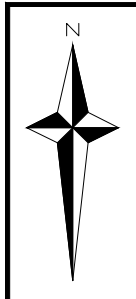




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SuDS Components

Pervious surfaces

Pervious surfaces allow rainwater to infiltrate through the surface into an underlying storage layer, where water is stored before infiltration to the ground, reuse, or discharge to surface water. Porous surface replaces traditional impermeable surfaces.

Area Control

Conveyance Swales

Swales are broad, shallow channels covered by grass or other suitable vegetation. They are designed to convey and/or store runoff, and can infiltrate the water into the ground (if ground conditions allow).

Modular Storage

Modular plastic geocellular systems with a high void ratio that can be used to create a below ground infiltration (soakaway) or storage structure.

Filter strips

A vegetated/grassed area of gently sloping ground designed to drain water evenly off adjacent impermeable areas and filter out silt and other material.

Regional Control

Detention basin

Dry, vegetated surface basins that attenuate stormwater runoff by providing temporary storage and controlled release of detained runoff.

Extended detention basins

Extended detention basins are normally dry, though they may have small permanent pools at the inlet and outlet. They are designed to detain a certain volume of runoff as well as providing water quality treatment.

Ponds

Wet ponds are basins that have a permanent pool of water for water quality treatment and a shallow marsh. They provide temporary storage for additional storm runoff above the permanent water level. Wet ponds may provide amenity and wildlife benefits.

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Notes:

- This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
- Topographical Survey and Levels from NJC Survey Ltd, Drawing Number S1572 Dated 18th March 2019
- Layout based on Geoff Pert Associates Drawing Layout Rev E dated June 2025.

Legend:

Site Boundary

Pipework and Manho

Enhanced Swale

Existing Ditch

Proposed Porous Paving

Proposed Cellular Storage

Proposed Pond / Detention Basin

Proposed Flow Control

P04	30.06.2025	Updated to suit new site layout	LN	GXA	RD
P03	13.12.2024	Issued for PLANNING RESUBMISSION	LN	GXA	RD
P02	23.10.2024	Issued for PLANNING	LN	GXA	RD
P01	15.10.2024	Preliminary Issue	LN	GXA	RD
Rev.	Date	Amendment	Drawn	Chkd.	Appd.

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BARRATT DAVID WILSON
(SOUTHERN COUNTIES)

Project Title

NEW PLACE FARM
PULBOROUGH
WEST SUSSEX

Status

PLANNING

Drawing Title

SUDS MANAGEMENT
PLAN

Drawn	Date	Checked	Date	Approved	Date
LN	09.24	GXA	09.24	RD	09.24
Scale	Orig Size		Dimensions		
1:1,000	A1		m		

Project No.		Drawing File				
890815		890815-RSK-ZZ-XX-DR-C-8307-SUDS Management Plan.dwg				
Drawing No.		Rev.				
890815		P04				
Project	Orig.	Vol/Sys.	Lev./Loc.	Type	Role	Draw. No.

Scale 1:1000