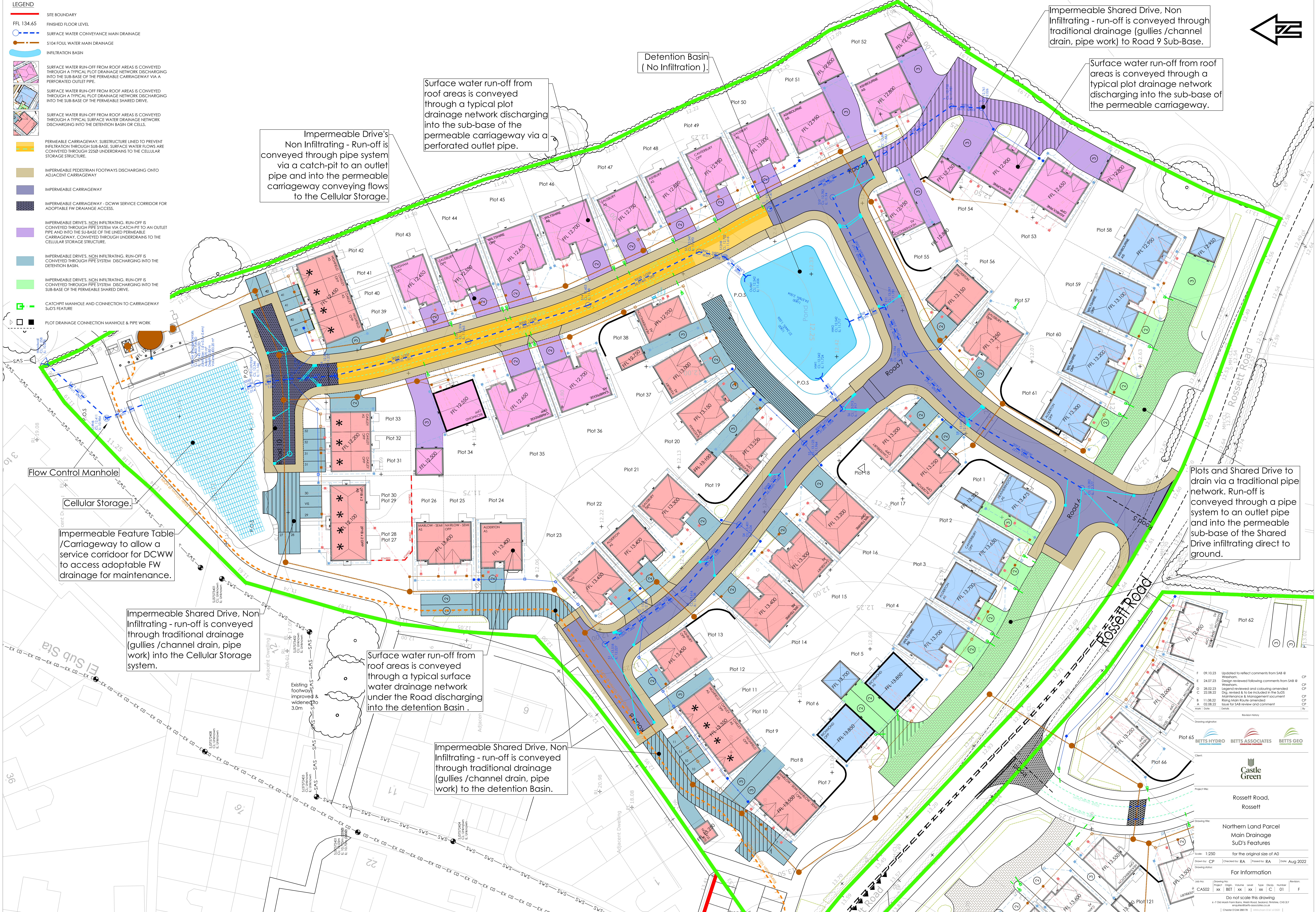


LEGEND

- SITE BOUNDARY
- FINISHED FLOOR LEVEL
- SURFACE WATER CONVEYANCE MAIN DRAINAGE
- S104 FOUL WATER MAIN DRAINAGE
- INFILTRATION BASIN
- SURFACE WATER RUN-OFF FROM ROOF AREAS IS CONVEYED THROUGH A TYPICAL PLOT DRAINAGE NETWORK DISCHARGING INTO THE SUB-BASE OF THE PERMEABLE CARRIAGEWAY VIA A PERFORATED OUTLET PIPE.
- SURFACE WATER RUN-OFF FROM ROOF AREAS IS CONVEYED THROUGH A TYPICAL PLOT DRAINAGE NETWORK DISCHARGING INTO THE SUB-BASE OF THE PERMEABLE SHARED DRIVE.
- SURFACE WATER RUN-OFF FROM ROOF AREAS IS CONVEYED THROUGH A TYPICAL SURFACE WATER DRAINAGE NETWORK DISCHARGING INTO THE DETENTION BASIN OR CELLS.
- PERMEABLE CARRIAGEWAY, SUBSTRUCTURE LINED TO PREVENT INFILTRATION THROUGH SUB-BASE. SURFACE WATER FLOWS ARE CONVEYED THROUGH 2250 UNDERDRAINS TO THE CELLULAR STORAGE STRUCTURE.
- IMPERMEABLE PEDESTRIAN FOOTWAYS DISCHARGING ONTO ADJACENT CARRIAGEWAY
- IMPERMEABLE CARRIAGEWAY
- IMPERMEABLE CARRIAGEWAY - DCWW SERVICE CORRIDOR FOR ADOPTABLE FW DRAINAGE ACCESS.
- IMPERMEABLE DRIVES, NON INFILTRATING. RUN-OFF IS CONVEYED THROUGH PIPE SYSTEM VIA CATCH-PIT TO AN OUTLET PIPE AND INTO THE SUB-BASE OF THE LINED PERMEABLE CARRIAGEWAY, CONVEYED THROUGH UNDERDRAINS TO THE CELLULAR STORAGE STRUCTURE.
- IMPERMEABLE DRIVES, NON INFILTRATING. RUN-OFF IS CONVEYED THROUGH PIPE SYSTEM, DISCHARGING INTO THE DETENTION BASIN.
- IMPERMEABLE DRIVES, NON INFILTRATING. RUN-OFF IS CONVEYED THROUGH PIPE SYSTEM, DISCHARGING INTO THE SUB-BASE OF THE PERMEABLE SHARED DRIVE.
- CATCHPIT MANHOLE AND CONNECTION TO CARRIAGEWAY SUBS FEATURE
- PLOT DRAINAGE CONNECTION MANHOLE & PIPE WORK



Impermeable Shared Drive, Non Infiltrating - run-off is conveyed through traditional drainage (gullies /channel drain, pipe work) to Road 9 Sub-Base.

Surface water run-off from roof areas is conveyed through a typical plot drainage network discharging into the sub-base of the permeable carriageway.

Detention Basin (No Infiltration).

Surface water run-off from roof areas is conveyed through a typical plot drainage network discharging into the sub-base of the permeable carriageway via a perforated outlet pipe.

Impermeable Drive's Non Infiltrating - Run-off is conveyed through pipe system via a catch-pit to an outlet pipe and into the permeable carriageway conveying flows to the Cellular Storage.

Plots and Shared Drive to drain via a traditional pipe network. Run-off is conveyed through a pipe system to an outlet pipe and into the permeable sub-base of the Shared Drive infiltrating direct to ground.

Impermeable Feature Table /Carriageway to allow a service corridor for DCWW to access adoptable FW drainage for maintenance.

Impermeable Shared Drive, Non Infiltrating - run-off is conveyed through traditional drainage (gullies /channel drain, pipe work) into the Cellular Storage system.

Surface water run-off from roof areas is conveyed through a typical surface water drainage network under the Road discharging into the detention Basin.

Impermeable Shared Drive, Non Infiltrating - run-off is conveyed through traditional drainage (gullies /channel drain, pipe work) to the detention Basin.

Revision History

Rev	Date	Description	Author	Check
01	09.10.23	Updated to reflect comments from SAB @	Wisham	CP
02	24.07.23	Design reviewed following comments from SAB @	Wisham	CP
03	28.02.23	Design reviewed and colouring amended	Wisham	CP
04	22.08.22	Org. revised & to be included in the SuDS	Wisham	CP
05	11.08.22	Maintenance & Management document	Wisham	CP
06	02.08.22	Rising Moth Route amended	Wisham	CP
07	02.08.22	Issue for SAB review and comment	Wisham	CP
08	02.08.22	Issue for SAB review and comment	Wisham	CP
09	02.08.22	Issue for SAB review and comment	Wisham	CP

Project Information

Project Name: Rossett Road, Rossett

Client: Castle Green

Project Title: Northern Land Parcel Main Drainage SuD's Features

Scale: 1:250 for the original size of A0

Drawn by: CP

Checked by: RA

Project by: RA

Date: Aug 2022

For Information

Job No: CAS02

Project: Design

Volume: 1

Level: 1

Type: C

Date: 01

Revision: F

Do not scale this drawing

6-7 Old Marsh Farm Barn, Main Road, Seddington, Peterborough, Cambs PE9 3JY

01244 288118 | 01244 288119 | 01244 288120