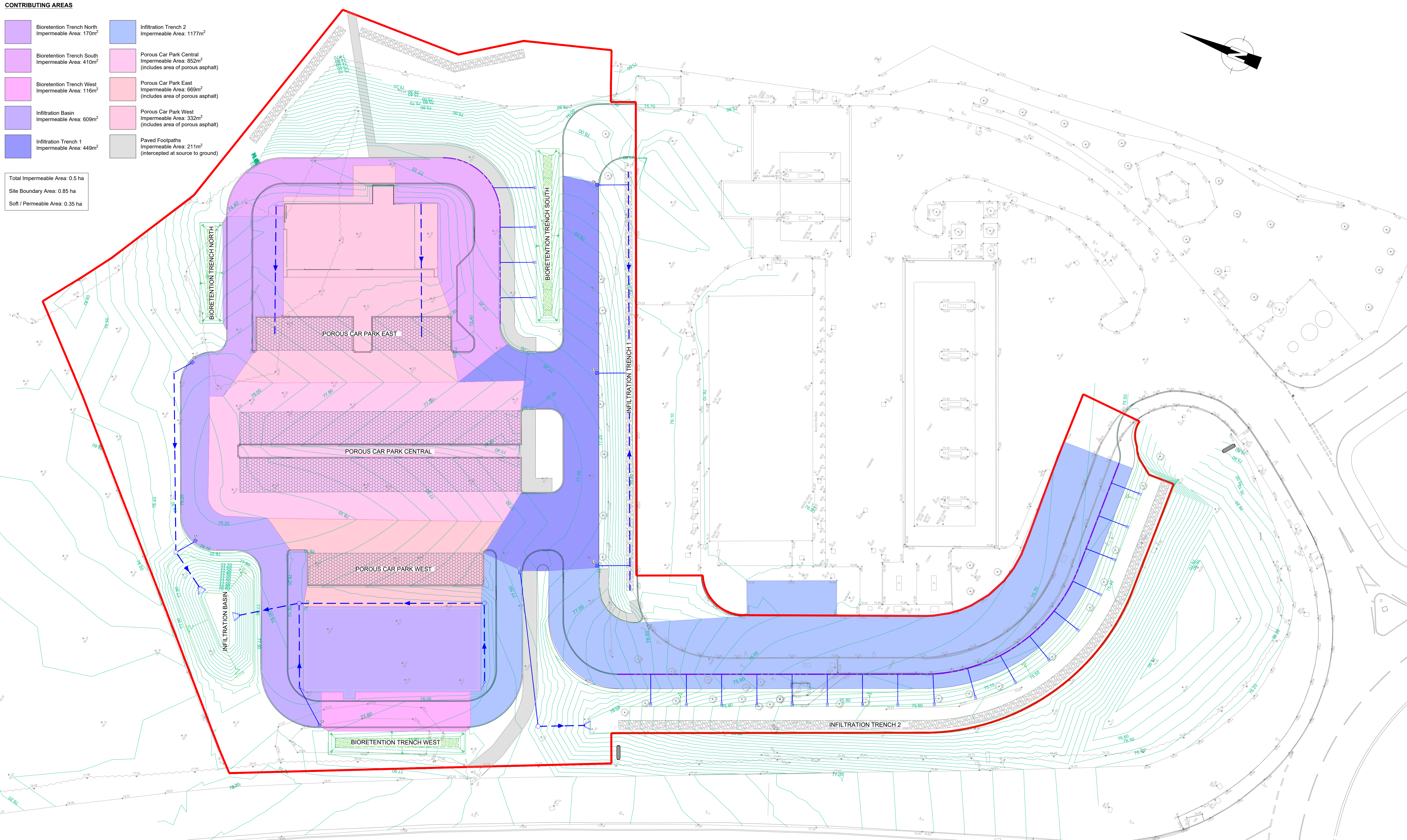


CONTRIBUTING AREAS

Bioretention Trench North Impermeable Area: 170m ²	Infiltration Trench 2 Impermeable Area: 1177m ²
Bioretention Trench South Impermeable Area: 410m ²	Porous Car Park Central Impermeable Area: 852m ² (includes area of porous asphalt)
Bioretention Trench West Impermeable Area: 116m ²	Porous Car Park East Impermeable Area: 669m ² (includes area of porous asphalt)
Infiltration Basin Impermeable Area: 609m ²	Porous Car Park West Impermeable Area: 332m ² (includes area of porous asphalt)
Infiltration Trench 1 Impermeable Area: 449m ²	Paved Footpaths Impermeable Area: 211m ² (intercepted at source to ground)

Total Impermeable Area: 0.5 ha
Site Boundary Area: 0.85 ha
Soft / Permeable Area: 0.35 ha



NOTES

- THIS DRAWING PRESENTS AN OUTLINE SURFACE WATER DRAINAGE DESIGN AND IS SUBJECT TO CHANGE FOLLOWING CONSULTATION WITH WREXHAM COUNCIL SAB.
- CIVWAY ACCEPT NO LIABILITY FOR THE ACCURACY OF THE THIRD PARTY TOPOGRAPHICAL SURVEY PROVIDED.
- CIVWAY ACCEPT NO LIABILITY FOR THE ACCURACY OF THE THIRD PARTY SITE INVESTIGATION REPORT PROVIDED.
- THIS OUTLINE DESIGN IS BASED ON A SITE INVESTIGATION INFILTRATION RATE REPORTED AS BEING 1.8 (±) m/s or 0.648 m/hr.
- THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT WREXHAM CBC SPECIFICATION AND CONSTRUCTION PUBLICATION IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.
- THE TITLE REFERENCE FOR EACH SUDS COMPONENT RELATES TO THE HYDRAULIC ANALYSIS REPORTS.

KEY

APPLICATION BOUNDARY

- EXISTING LEVELS
PROPOSED LEVELS CONTOURS (100mm INTERVAL)

Rev.	Revision details	By	Chk.	App.	Date
P1.1	Site layout changed, SuDS amended accordingly.				18.05.21
P01	First issue for design team consideration.				

CIVWAY

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CIVIL & HIGHWAYS

Client



Project

Holt Road, Wrexham

Drawn by

MH

Date

15.04.21

Checked by

AR

Date

16.04.21

Approved by

Date

Purpose of issue

SAB

Scale at A1 size

1:250

Title

Drainage Catchments

Drawing No.

CIV21105-P-502

Rev.

P01.1