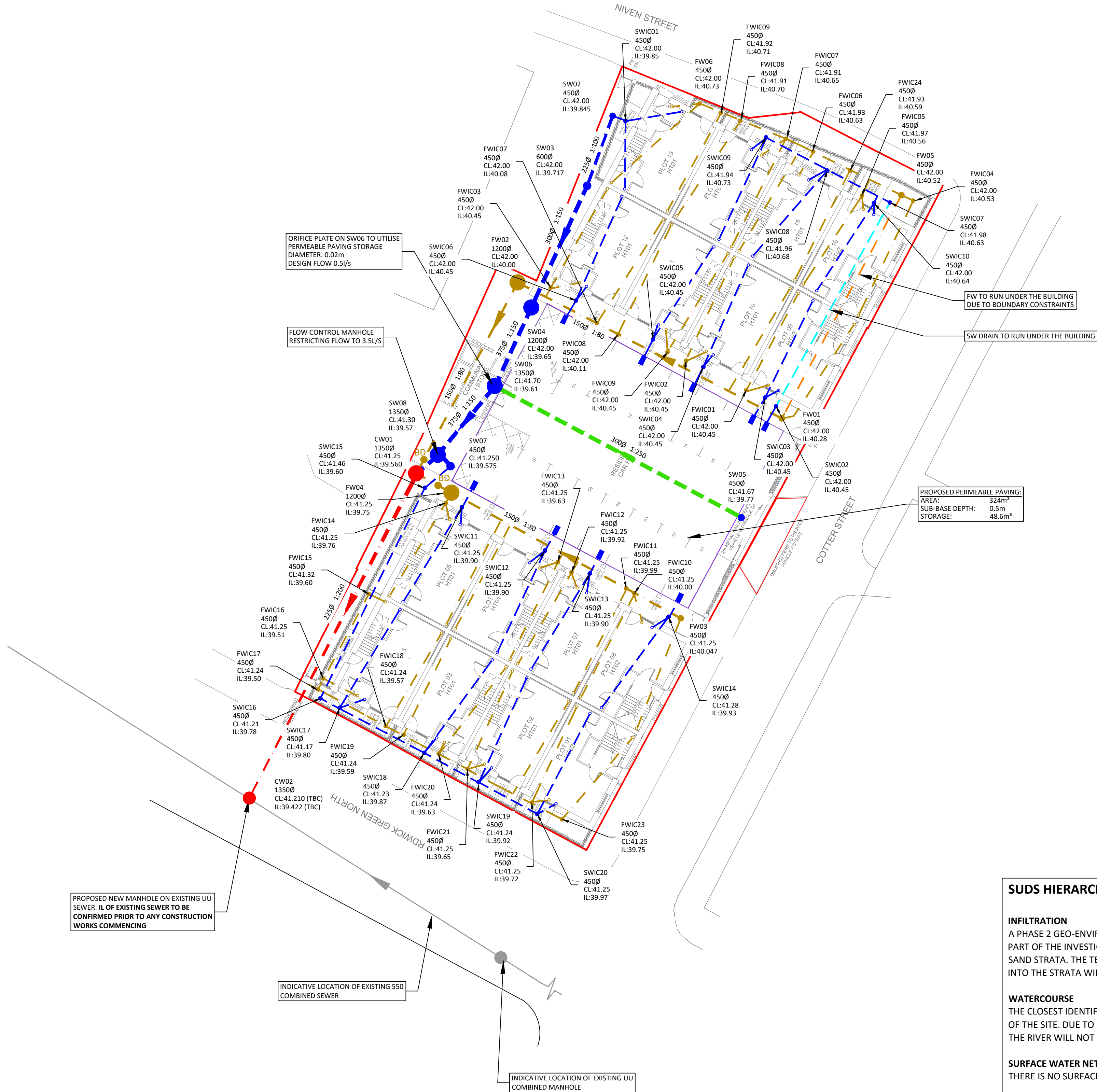




DRAINAGE NOTES

TOTAL SITE AREA:	0.148ha
IMPERMEABLE AREA:	0.148 ha
PERMEABLE AREA:	0 ha
ESTIMATED STORAGE REQUIREMENTS:	60m³
(A VALUE OF 60m³ IS ESTIMATED VIA SIMULATION OF A SIMPLIFIED NETWORK FOR 1 IN 100 YR+45% CC FOR CRITICAL STORM USING FSR RAINFALL METHODOLOGY)	
TOTAL STORAGE PROVIDED VIA PERMEABLE PAVING:	49.8m³
THE REMAINDER OF THE STORAGE IS PROVIDED WITHIN THE PIPE NETWORK	



SUDS HIERARCHY OPTIONS:

- INFILTRATION**
A PHASE 2 GEO-ENVIRONMENTAL INVESTIGATION WAS CARRIED OUT BY LK GROUP IN AUGUST 2023. AS PART OF THE INVESTIGATIONS SOAKAWAY TESTING WAS CARRIED OUT WITHIN THE NATURAL CLAY AND SAND STRATA. THE TEST RESULTS INDICATED SLOW INFILTRATION RATES. THEREFORE INFILTRATION INTO THE STRATA WILL NOT BE PROPOSED.
- WATERCOURSE**
THE CLOSEST IDENTIFIED MAIN RIVER IS THE RIVER MEDLOCK, LOCATED APPROXIMATELY 230m NORTH OF THE SITE. DUE TO DISTANCE AND CROSSING NUMBER OF 3RD PARTY BOUNDARIES, CONNECTION TO THE RIVER WILL NOT BE FEASIBLE.
- SURFACE WATER NETWORK**
THERE IS NO SURFACE WATER NETWORK LOCATED NEAR THE SITE
- COMBINED WATER NETWORK**
UU SEWER RECORDS SHOW A COMBINED NETWORK WITHIN ARDWICK GREEN NORTH TO THE SOUTH OF THE SITE AND ANOTHER COMBINED MANHOLE LOCATED WITHIN COTTER STREET TO THE NORTHEAST OF THE SITE. UU'S PREFERRED POINT OF CONNECTION IS TO THE NETWORK WITHIN ARDWICK GREEN NORTH.

STANDARD NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWINGS AND THE SPECIFICATIONS.
- THIS DRAWING SHOULD NOT BE SCALED.
- ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR ON SITE.
- ALL DISCREPANCIES SHOULD BE REPORTED TO C.A./E.A. PRIOR TO THE COMMENCEMENT OF WORKS.

© CIVIC ENGINEERS LIMITED

NOTES:

- SITE PLAN PROVIDED BY CODA ARCHITECTS, RECEIVED 9TH NOVEMBER 2023.
- COVER LEVELS APPROX BASED ON THE PROPOSED FFL PROVIDED BY CODA ARCHITECTURE ON THE 4TH APRIL 2024, DRAWING 2565-CDA-00-SL-DR-A-2602.
- THE STRATEGY SHOWN IS A WORK IN PROGRESS AND IS SUBJECT TO CONFIRMATION OF:
 - PROPOSED SITE LEVELS
 - FINAL SITE PLAN LAYOUT
 - DROP DOWN LOCATIONS
 - CONSULTATIONS AND AGREEMENTS WITH RELEVANT AUTHORITIES REGARDING LOCATIONS, RATES AND UTILITY EASEMENTS
 - ADOPTABILITY REQUIREMENTS OF NETWORK
 - FOUNDATION DETAILS

KEY:

EXISTING SEWER	—
EXISTING MH	●
PROPOSED SURFACE WATER MH	●
PROPOSED FOUL WATER MH	●
PROPOSED COMBINED MH	●
PROPOSED SW SEWER	---
PROPOSED RAINWATER DIFFUSER UNIT	◆
PROPOSED SW SEWER UNDER BUILDING	---
PROPOSED FW SEWER	---
PROPOSED FW SEWER UNDER BUILDING	---
PROPOSED CW SEWER	---
PROPOSED FILTER DRAIN	---
SITE BOUNDARY	---

19.04.24	T01	FIRST ISSUE	NL	CER
DATE	REV	DESCRIPTION	DRAWN	CHKD



PROJECT
ARDWICK GREEN

TITLE
GENERAL DRAINAGE ARRANGEMENT

DRAWING STATUS		STATUS CODE	
TENDER		S1	
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN
2075	1:200	27.02.24	CER
DRAWING No.		REV	PM
2075-CIV-XX-XX-D-C-3001		REV	T01