



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	

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.

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NOTES:

- SITE PLAN PROVIDED BY CODA ARCHITECTS, RECEIVED 19TH APRIL 2024.
- 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.
- DROP DOWN LOCATIONS PROVIDED BY CODA ARCHITECTS, RECEIVED 3RD MAY 2024, DRAWING 2565-CDA-01-XX-DR-A-0600.
- THE STRATEGY SHOWN IS A WORK IN PROGRESS AND IS SUBJECT TO CONFIRMATION OF:
 - PROPOSED SITE LEVELS
 - FINAL SITE PLAN LAYOUT
 - CONSULTATIONS AND AGREEMENTS WITH RELEVANT AUTHORITIES REGARDING LOCATIONS, RATES AND UTILITY EASEMENTS
 - ADOPTABILITY REQUIREMENTS OF NETWORK
 - FOUNDATION DETAILS
 - ALL COVERS IN BLOCK PAVING TO BE RECESSED

KEY:

EXISTING UU SEWER	—
EXISTING UU MAIN	- - - - -
EXISTING MH	●
PROPOSED SURFACE WATER MH	●
PROPOSED FOUL WATER MH	●
PROPOSED COMBINED MH	●
PROPOSED SW SEWER	- - - - -
PROPOSED SLOT DRAIN	- - - - -
PROPOSED RAINWATER DIFFUSER UNIT	■
PROPOSED SW SEWER UNDER BUILDING	- - - - -
PROPOSED FW SEWER	- - - - -
PROPOSED WASH DOWN GULLY	■
PROPOSED FW SEWER UNDER BUILDING	- - - - -
PROPOSED CW SEWER	- - - - -
PROPOSED FILTER DRAIN	- - - - -
SITE BOUNDARY	—

INVERT LEVELS SUBJECT TO
CONFIRMATION OF INVERT
LEVELS OF EXISTING COMBINED
NETWORK

25.06.24	T05	UPDATED FOLLOWING LLFA COMMENTS	CER	JF
14.06.24	T04	EXISTING SEWER DMS ADDED	CER	CER
13.06.24	T03	ADDITIONAL EXISTING CW SEWER ADDED	CER	CER
02.06.24	T02	INVERT LEVELS UPDATED	CER	JF
19.04.24	T01	FIRST ISSUE	NL	CER
DATE	REV	DESCRIPTION	DRAWN	CHKD

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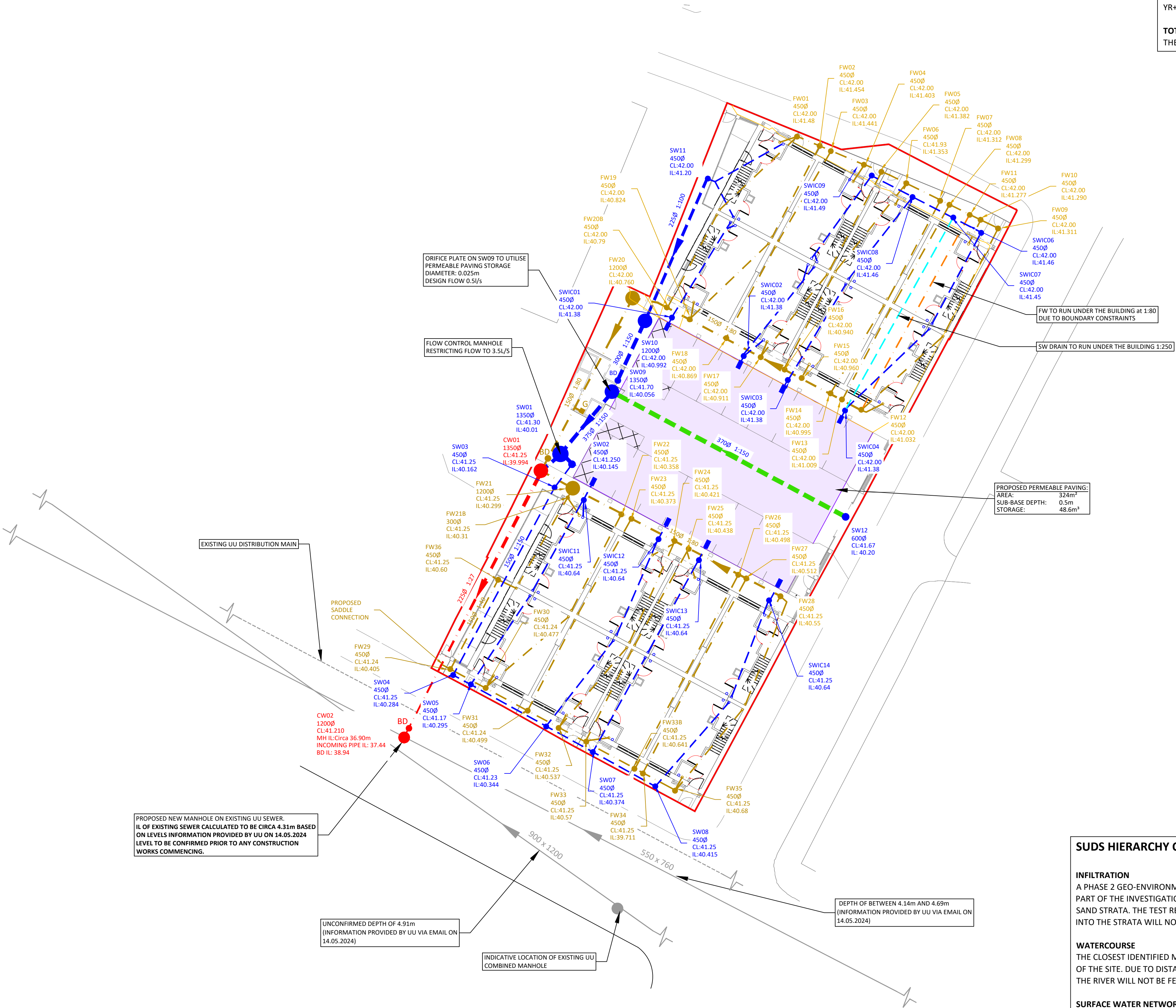
ENGINEERS

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PROJECT
ARDWICK GREEN

TITLE
GENERAL DRAINAGE ARRANGEMENT

DRAWING STATUS		STATUS CODE	
TENDER			
CE PROJECT No.	SCALE @ A1	DATE CREATED	DRAWN
2075	1:200	27.02.24	CER
DRAWING No.		REV	
2075-CIV-XX-XX-D-C-30001			T05



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.