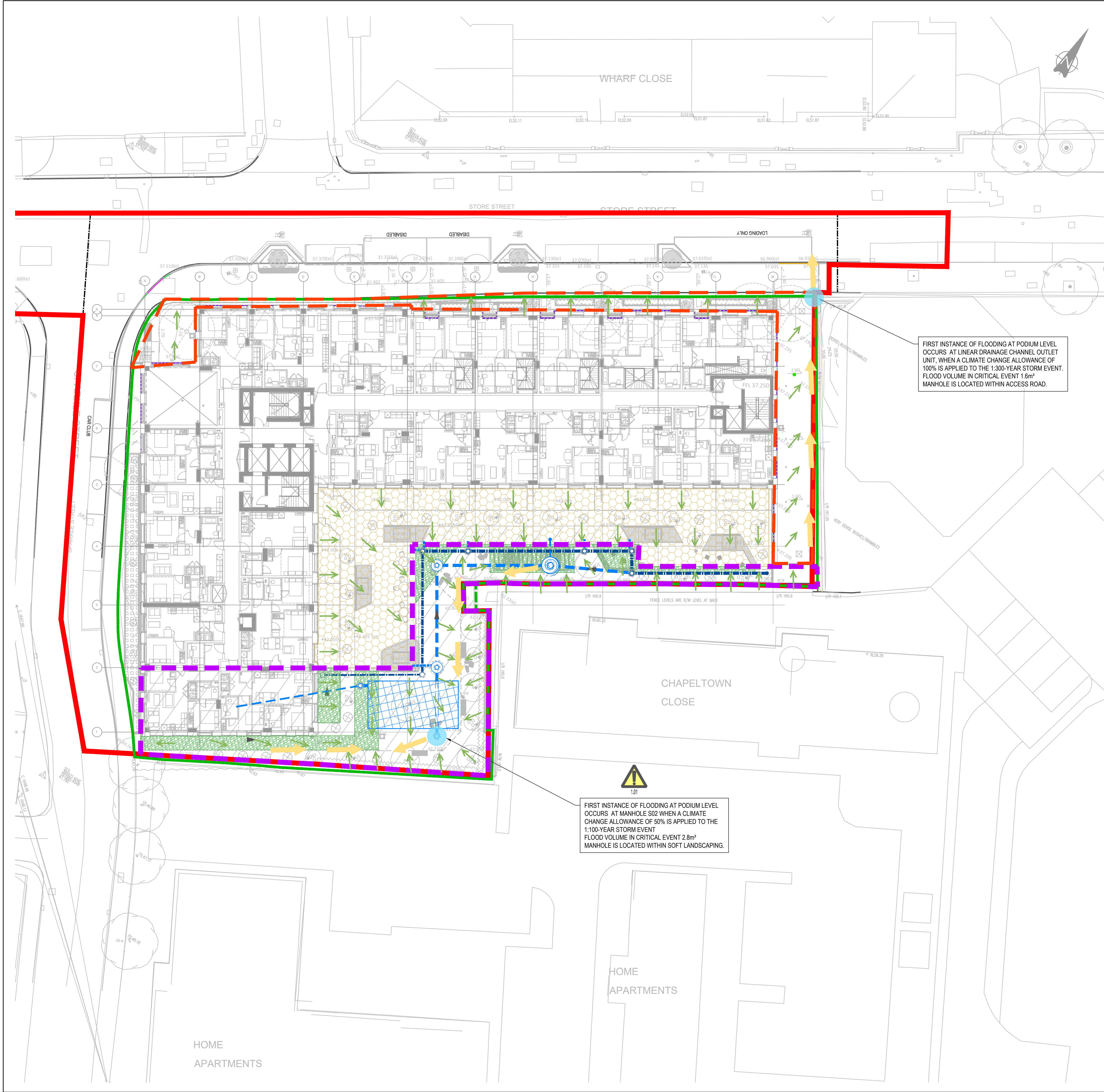




OVERLAND FLOW ROUTES

SURFACE WATER DESIGN
THE DESIGN PROVIDES CAPACITY UP TO THE 100 YEAR 45% CLIMATE CHANGE EVENT.

SW FLOW RATES:

- 1 YEAR - 12.1l/s
- 30 YEAR - 29.6 l/s
- 100 YEAR +45% CLIMATE CHANGE - 29.6l/s

NO FLOODING OCCURS IN THE 1:100+45% CLIMATE CHANGE EVENT.
THEREFORE, MORE EXTREME EVENTS HAVE BEEN MODELLED IN ORDER TO IDENTIFY WHERE THE NETWORK WILL INITIALLY FLOOD AT BOTH GROUND FLOOR AND PODIUM LEVEL.

FIRST FLOOD AT PODIUM LEVEL OCCURS IN THE 1:100 + 50% CC EVENT.
FIRST FLOOD AT GROUND FLOOR OCCURS IN THE 1:300 + 100% CC EVENT.

DRAWING BASED ON:

SURVEY INFORMATION

- 60159-1 TOPOGRAPHICAL SURVEY BY MALCOLM HUGHES DATED MAY 2023
- TOPOGRAPHICAL SURVEY BY SEP S15724-T
- 60159-UG1 & UG2 GPR SURVEY BY MALCOLM HUGHES DATED MAY 2023
- PJ00478370 CCTV SURVEY BY LANES GROUP (FOR MALCOLM HUGHES) DATED MAY 2023

HIGHWAY BOUNDARY INFORMATION

- INFORMATION RECEIVED FROM MANCHESTER CC HIGHWAYS MAY 2023

ARCHITECT'S PLANS

- SPS-SHA-ZZ-L00-DR-A-03-1001 REV P06 GA GROUND FLOOR
- SPS-SHA-ZZ-L01-DR-A-03-1001 REV P06 GA FIRST FLOOR

LANDSCAPE ARCHITECT'S PLANS

- SPS-RFM-XX-L00-M2-L-19-0001 REV P03 LANDSCAPE GA GROUND LEVEL
- SPS-RFM-XX-L01-M2-L-19-0002 REV P05 LANDSCAPE GA PODIUM

ABOVE GROUND DRAINAGE LAYOUTS

- FOUL POP-UP DRAWINGS RECEIVED 14.11.25 & 27.11.25 (WIP ISSUE)
- RWP CONNECTION SKETCHES RECEIVED 27.11.25 (WIP ISSUE)

FOUNDATIONS/ SLAB DETAILS

- SPS-CUR-ZZ-FN-DR-S-03-1090 WIP ISSUE 11.11.25 FOUNDATION LAYOUT
- SPS-CUR-ZZ-L00-DR-S-03-1100 WIP ISSUE 11.11.25 LEVEL 00 GA
- SPS-CUR-ZZ-L01-DR-S-03-1101 WIP ISSUE 11.11.25 LEVEL 01 GA

- KEY:**
- PLANNING APPLICATION BOUNDARY TAKEN FROM DRAWING 10413-SHP-Z1-A-G200-PL-00-001.
 - SITE OWNERSHIP BOUNDARY TAKEN FROM DRAWING 10413-SHP-Z1-A-G200-PL-00-001.
 - PROPOSED SURFACE WATER DRAINAGE
 - PROPOSED LINEAR DRAINAGE CHANNEL
 - EXTENT OF EXTERNAL AREA - GROUND FLOOR
 - EXTENT OF EXTERNAL AREA - PODIUM LEVEL
 - LOCATION OF FLOODING WITHIN DRAINAGE NETWORK (>1:100 + 45% CLIMATE CHANGE EVENT)
 - ROUTE OF OVERLAND FLOW
 - GENERAL FALLS

GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DESIGN BASED ON TOPOGRAPHICAL SURVEY AND CCTV SURVEY INFORMATION AVAILABLE AT THE TIME OF DESIGN. ALL EXISTING SEWERS, CONNECTIONS, PIPE SIZES AND INVERT LEVELS TO BE CONFIRMED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS TO ENSURE CONNECTIVITY. ANY VARIANCE FROM THE INFORMATION SHOWN SHOULD BE REPORTED TO THE ENGINEER FOR REVIEW.
- DO NOT SCALE THIS DRAWING. ALL DETAILS AND DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
- ALL DIMENSIONS ARE IN METRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.
- FOR FULL DRAINAGE NOTES REFER TO DRAWING SPS-CUR-ZZ-ZZ-DR-C-03-1910

P01	ISSUED FOR PLANNING CONDITION DISCHARGE	12.12.25	ATL	MW
Rev:	Description:	Date:	By:	Chkd:

Curtins

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Status: **STAGE 4**

Project: **SPARKLE STREET, MANCHESTER**

Orig Title: **OVERLAND FLOW ROUTES**

Drawn By	Designed By	Checked By
ATL	ATL	MW
Project No.	Date	Scales @ A1
0824142	12/12/25	1:200
Project No • Originator • Function • Spatial • Form • Discipline • Number		
Revision		
SPS - CUR - ZZ - L01- DR - C - 83-1904		
P01		