



### HEALTH AND SAFETY INFORMATION

**CONSTRUCTION**  
THIS DRAWING SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES.

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

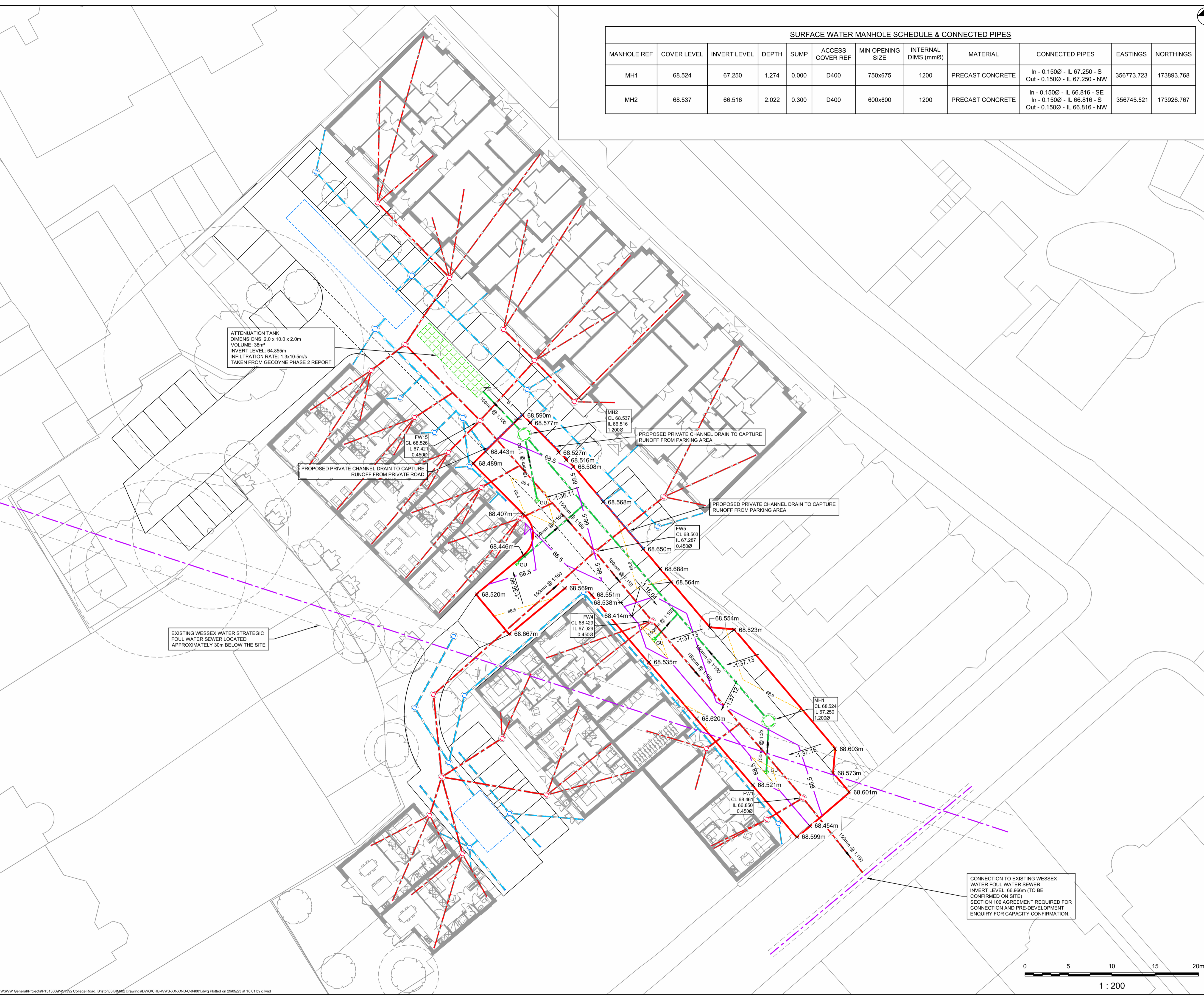
**MAINTENANCE/CLEANING/OPERATION**  
MAINTENANCE OF SLDS FEATURES AND THE DRAINAGE SYSTEM SHOULD BE CARRIED OUT IN ACCORDANCE WITH THE CIRIA SUBS MANUAL AND MANUFACTURERS SPECIFICATIONS

**DECOMMISSIONING/DEMOLITION**  
REFER TO DRAWING FOR EXTENT OF EXISTING SITE DRAINAGE TO BE ABANDONED/REMOVED

### NOTES

- DO NOT SCALE FROM THIS DRAWING. ONLY FIGURED DIMENSIONS ARE TO BE USED.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- REFUSE TRACKING VEHICLE IN ACCORDANCE WITH FIG. 1 OF BRISTOL COUNTY COUNCIL DOCUMENT '3.2.5 TURNING AND SWEPT PATHS' (OCTOBER 2022).
- MATERIAL SPECIFICATIONS IN ACCORDANCE WITH BRISTOL COUNTY COUNCIL DOCUMENT '3.7.0 ADOPTABLE HIGHWAY MATERIAL PALETTE' (APRIL 2023), SECTION: CONSERVATION AREAS.
- LINE MARKINGS ARE TO BE APPLIED IN ACCORDANCE WITH DOCUMENT 'TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS' (2016).
- ALL FOUL AND SURFACE WATER PIPEWORK TO BE LAID AT MINIMUM GRADIENTS OF 1:40 AND 1:100 RESPECTIVELY UNLESS NOTED OTHERWISE.
- ALL PIPEWORK TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.
- ROCKER PIPES TO BE INSTALLED AT CONNECTION POINTS TO STRUCTURES TO ALLOW FOR MOVEMENT CAUSED BY SETTLEMENT.
- ALL DRAINAGE IS DESIGNED TO ADOPTABLE STANDARDS WHERE POSSIBLE, AND BUILDING REGULATIONS PART H.

SURFACE WATER MANHOLE SCHEDULE & CONNECTED PIPES											
MANHOLE REF	COVER LEVEL	INVERT LEVEL	DEPTH	SUMP	ACCESS COVER REF	MIN OPENING SIZE	INTERNAL DIMS (mmØ)	MATERIAL	CONNECTED PIPES	EASTINGS	NORTHINGS
MH1	68.524	67.250	1.274	0.000	D400	750x675	1200	PRECAST CONCRETE	In - 0.150Ø - IL 67.250 - S Out - 0.150Ø - IL 67.250 - NW	356773.723	173893.768
MH2	68.537	66.516	2.022	0.300	D400	600x600	1200	PRECAST CONCRETE	In - 0.150Ø - IL 66.816 - SE In - 0.150Ø - IL 66.816 - S Out - 0.150Ø - IL 66.816 - NW	356745.521	173926.767



### KEY

- EXTEND OF S38 WORKS
  - EXISTING FOUL WATER SEWER
  - PROPOSED ADOPTABLE HIGHWAY SURFACE WATER SEWER
  - PROPOSED FOUL WATER SEWER
  - PROPOSED SURFACE WATER SEWER
  - PROPOSED PERFORATED PIPE
  - [Grid] ATTENUATION TANK SERVING ADOPTABLE HIGHWAY AREA
  - SS ● SVP ● RWP ● BD ● FD
  - BD ● BD ● FD
  - NRV >> NRV >> NRV
  - RE ○ RE ○ RE
  - FG □ GU □ GU
  - CD --- CD --- CD
  - EXISTING MANHOLE
  - ADOPTABLE / FOUL / SURFACE WATER MANHOLE
- 
- AC - ACCESS FITTING/CHAMBER
  - CL - COVER LEVEL
  - C - COMBINED WATER
  - EXT - EXISTING
  - F - FOUL WATER
  - IC - INSPECTION CHAMBER
  - IL - INVERT LEVEL
  - MH - MANHOLE
  - S - SURFACE WATER
  - SL - SOFFIT LEVEL
  - TBC - TO BE CONFIRMED

P2	PRELIMINARY ISSUE	DL	RW	RW	29/09/23
P1	DRAFT ISSUE	DL	RW	RW	17/09/23
REV	DESCRIPTION	DRN	CHK	APP	DATE

**whitby wood**  
91-94 LOWER MARSH  
LONDON SE1 7AB, UNITED KINGDOM  
+44 (0)20 7442 2216 www.whitbywood.com



CLIENT  
**COLLEGE ROAD  
BRISTOL**

### PRELIMINARY

DRAWING TITLE  
**SECTION 38  
ENGINEERING LAYOUT**

DATE	09/08/2023	SCALES @ A1	1:200	DRAWN BY	DL	CHECKED	RW	APPROVED	RW
DRAWING NUMBER	CRB-WWS-XX-XX-D-C-04001							REVISION	P2

