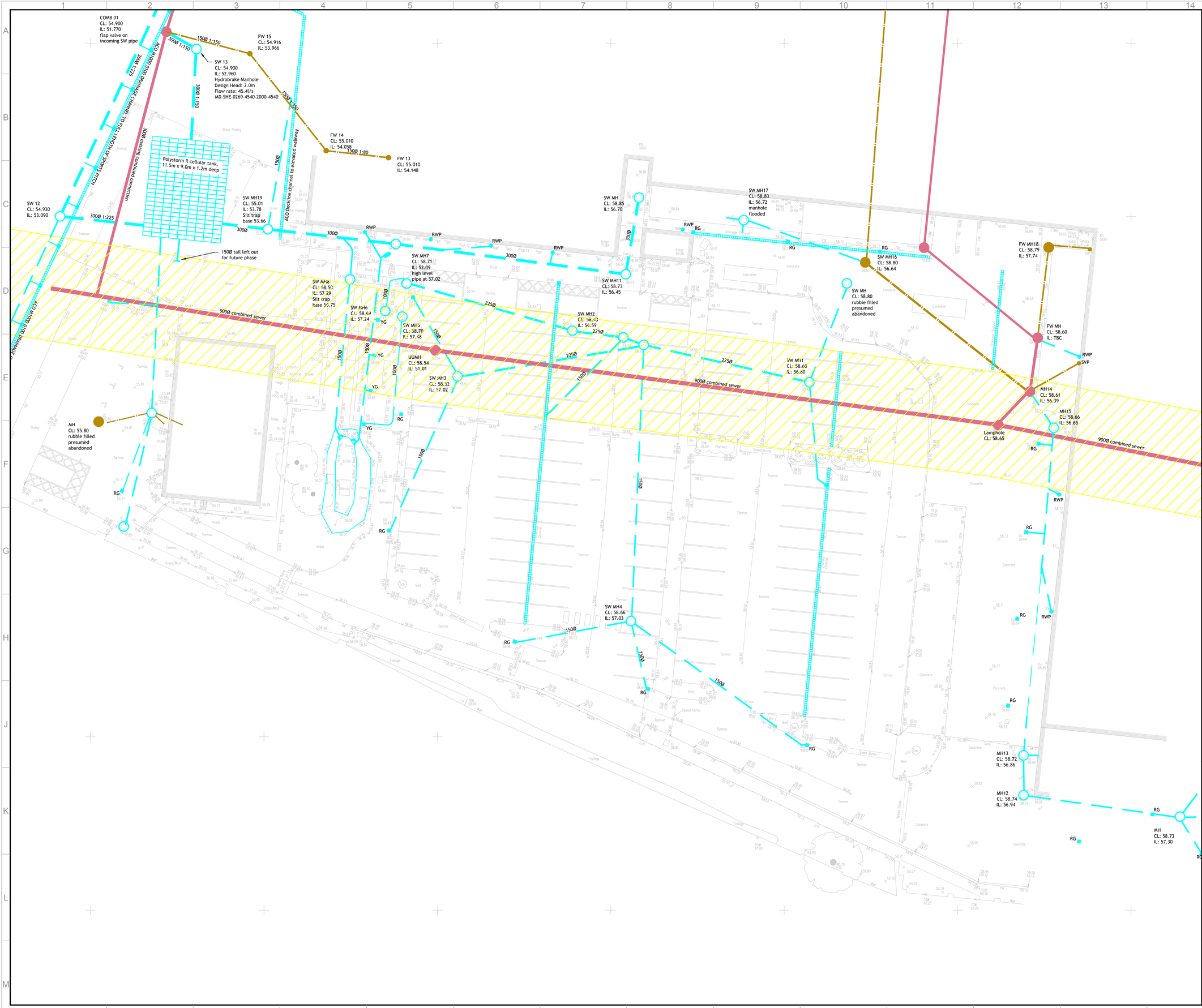


CDM SYMBOL KEY

- WARNING OF SIGNIFICANT RISK
- PROHIBITED ACTION
- PARTICULAR ACTION ENCOURAGED
- CDM INFORMATION

GENERAL

1. All drawings to be read in conjunction with the specification
2. Aall drawings to be read in conjunction with the relevant architectural and structural drawings.
3. All dimensions are in millimetres unless noted otherwise.
4. All levels are in metres relative to Ordnance Datum.
5. All dimensions are to be checked on site by the contractor prior to the commencement of construction

DRAINAGE

1. This drawing uses the architectural drawing as a background. The contractor should use architectural drawings for setting out of all pop-ups and above ground drainage positions.
2. Reference should be made to all other drainage drawings provided by SWF Consulting which gives construction details.
3. This drawing is to be read in conjunction with the drainage specification prepared for this project.
4. The design of the pipes has been based on the following:
   a. 100 foul water pipe: Wavin Osmadrain
   b. 150 or larger foul water pipe: Wavin Ultrarib
   c. 150 or larger surface water pipe: Wavin Twinwall.
   Alternative products may be used with prior approval from SWF Consulting.
5. The exact location of the outfall pipe/manhole is to be checked and confirmed to SWF Consulting prior to commencement of any drainage works.
6. Reference should be made to any CCTV survey, sewer records which indicate the existing drainage systems.
7. On completion of the contract, the pipes and oil separator shall be jet cleaned to remove any silt or construction debris and a CCTV survey should be undertaken.
8. Once the as-built survey has been completed a copy of the survey logs should be issued to SWF consulting together with the video footage for their comment with duplicate copies being issued to the CDM co-ordinator for inclusion in the health & safety files.
9. Cover levels are indicative and may need to be adjusted to suit the actual finished levels of the external areaS.
10. Gradients indicated on pipes are minimum gradients required. However, manhole invert levels are to take precedence over these gradients.
11. Positions of manholes, gullys and drainage are to be set out by the contractor to avoid white lining delineating car parking areas, kerb lines etc.

NOTE

THE ARCHITECTURAL BACKGROUNDS ARE A VISUAL REPRESENTATION OF THE PROPOSED BUILDING LAYOUT, BUT ARE NOT NECESSARILY DIMENSIONALLY ACCURATE AND THUS MAY NOT RELATE TO THE LOCATION OF THE STRUCTURAL MEMBERS

ABBREVIATIONS

CL	- COVER LEVEL	FG	- FLOOR GULLY
IL	- INVERT LEVEL	RE	- RODDING EYE
RG	- ROAD GULLY	SVP	- SOIL & VENT PIPE
YG	- YARD GULLY	SS	- STUB STACK

Rev	Date	Description	By	Chkd
P01	22/10/25	ISSUED FOR INFORMATION	PSS	PSS

Project
ENGINEERING BUILDING
OPENSHAW CAMPUS
ASHTON OLD ROAD, MANCHESTER

Client
THE MANCHESTER COLLEGE

Drawing Title
DRAINAGE
EXISTING LAYOUT

Project · Originator · Func. · Spat. · Form · Disc. · Number
9529-SWF-XX-XX-D-C-1101

Scale 1: 200 @ A1	Date OCTOBER 2025	By PSS	Chkd PSS
Suitability Status: S1: SUITABLE FOR COORDINATION	Revision: P01	Classification: PM_40_40	

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