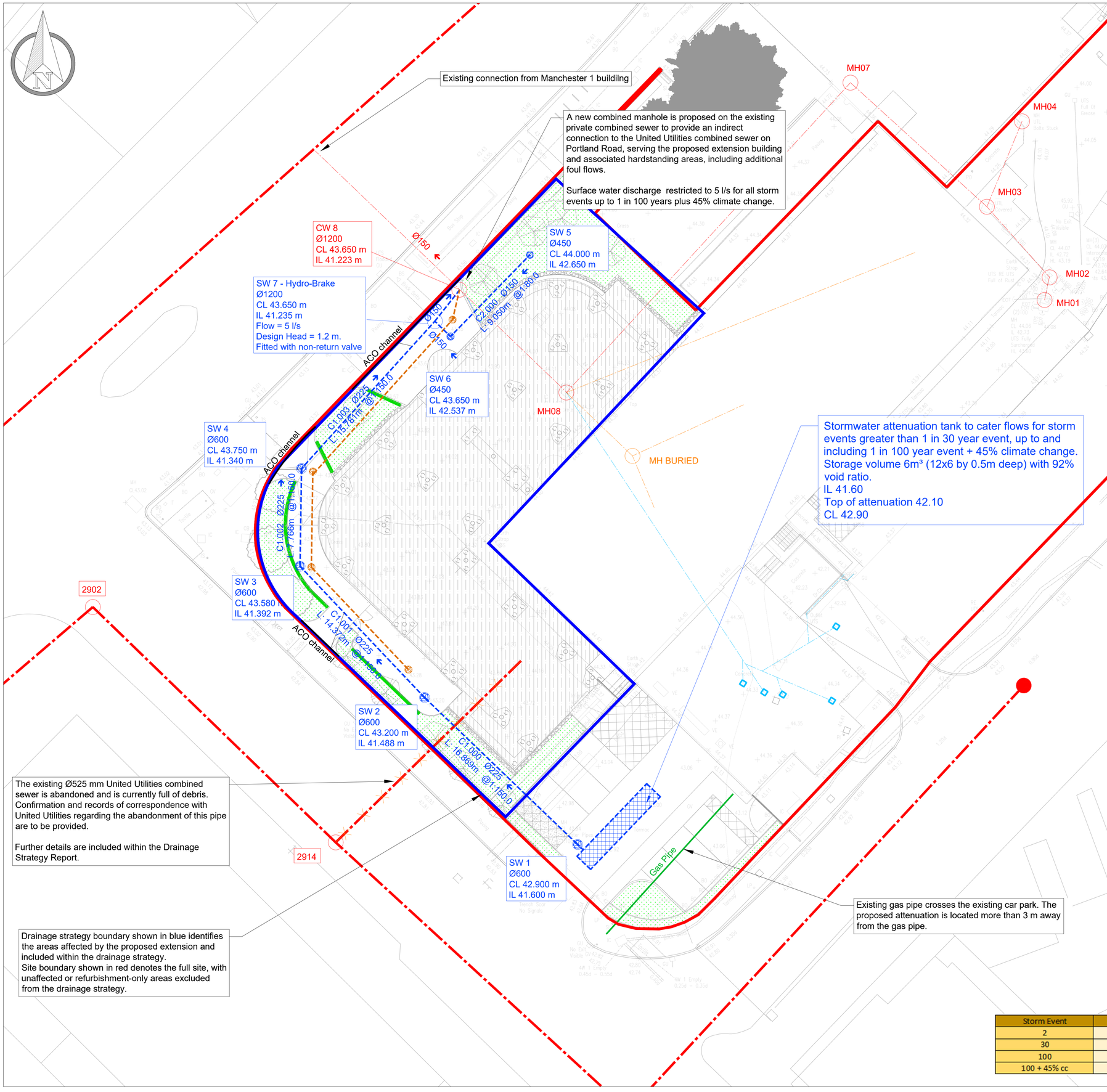


Storm Event	Brownfield Flow Rates	Proposed Flow Rates
2	17.3 l/s	5 l/s
30	43.1 l/s	5 l/s
100	54.4 l/s	5 l/s
100 + 45% cc	78.3 l/s	5 l/s

TOPOGRAPHICAL NOTES:

The Topographical and buried services shown on this drawing were provided to Booth King by others. Booth King have not verified this information and therefore we can not guarantee its accuracy. The position and alignment of services may differ from that shown and other buried services may be present.

The contractor must verify the location of all buried services before any excavation or piling works begin. Damage to existing services could present a major health and safety risk plus associated commercial penalties.

Levels information shown is based on information available.
This office is to be made aware of any discrepancies found on site.

DRAINAGE NOTES:

1. All adoptable works to be in accordance with SSG appendix C where applicable.
2. All manhole cover levels to be confirmed by Architect.
3. Clay pipes to be flexibly jointed and comply with the requirements of BS EN 295.
4. Concrete pipes to be flexibly jointed and comply with the requirements of BSEN 1916 and BS 5911.
5. Plastic pipes (PVC-U) to be flexibly jointed and comply with the requirements of BS EN 1401-1 1998.
6. All surface water pipes to be laid at a gradient no flatter than 1:80 (UNO).
7. All foul water pipes to be laid at a gradient no flatter than 1:40 (UNO).
8. For minimum depths requiring pipe protection refer to drainage details drawings.
9. Protection to drains and gully connections may be concrete bed surround between cover depths of 450mm to 200mm.
10. Until final surface is placed, heavy traffic is not to be allowed over pipe trenches without special precautions.
11. Pipes and fittings are to be laid in accordance with the manufacturers recommendations.
12. All Manholes should be concrete manhole rings (UNO).
13. All SVP & RWP positions TBC by Architect.
14. Rodding access is to be provided at all pop-ups & RWPS.
15. For setting out of all pop-up positions refer to Architect's details.
16. Civil engineering contractor to arrange for:
    a. Own services and temporary supplies.
    b. Pathway & partial closure as deemed required by their method statement. Including costs.
    C. Temporary adequate over pumping as deemed required by civil engineers method of construction.
17. The contractor should confirm the locations for existing services prior construction.

NOTES:

1. Do not scale from this drawing.
2. This drawing is copyright and is sent to you in confidence. It must not be copied, used or disclosed, in whole or in part, to third parties without written permission. It remains the property of Booth King Partnership Ltd. (BKPL) and must be returned on request.
3. This drawing is to be read in conjunction with all relevant contractual documents.
4. Anyone using this drawing must be aware of their legal duties under the CDM Regulations 2015, refer to the HSE website for further information. BKPL are not Principal Designers.
5. All dimensions shown on this drawing are in millimetres unless noted otherwise.
6. If the Contractor consider that they do not have sufficient information to safely complete the works detailed on this drawing, they should contact the Engineer.
7. This document uses revision codes in accordance with ISO EN 19650:
   P. Preliminary (non-contractual) - review, comment or approval.
   C. Contractual - Approved for stage completion.
8. This document uses status codes in accordance with ISO EN 19650:
   Work in progress:
   S0 - WIP
   Shared (non-contractual):
   S1 - Coordination, **S2** - Information, **S3** - Review, **S4** & **S5** - Approval.
   Published (contractual):
   A1, **An**, etc. (where "n" relates to the project stage)
9. This document uses project stages in accordance with the IStructE Structural Plan of Work 2020:
   2 - Concept, **3** - Coordination, **4** - Technical Design,
   4.5 - Production Design, **5** - Construction, **6** - Handover.
10. Only documents with a revision code C# (where '#' relates to a revision number) and status code A4 or A5 are suitable for construction. Any deviations to that which is on site is not the liability of BKPL.

DRAINAGE LINE TYPES KEY:

REF.	DESCRIPTION
	Existing FW network
	Existing SW network
	Existing CW network
	Existing drainage to be grubbed up
	Proposed FW network
	Proposed SW network
	Existing UU Combined
	Drainage Strategy Boundary
	Site Boundary
	Filter Drain
	Landscape Areas

REV.	DATE	REVISION DETAILS	INITIALS
P01	06/02/26	Stage 2 - Preliminary Issue	AL
		CURRENT DRAWING REVISION CHECKED BY	AA
		CURRENT DRAWING REVISION APPROVED BY	

DRAWING STATUS: S1
PROJECT STAGE: Stage 2

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PROJECT: Manchester 1 - Extension

TITLE: Drainage Strategy GA Plan

SCALE (A1)	AUTHOR	DATE	REVISION	BKPL No.
1:150	AA	06/02/26	P01	15868

DRAWING REF: 15868-BKP-XX-ZZ-DR-C-5000