Appendix I

Predelelopment flooding exent

Post development flooding extent

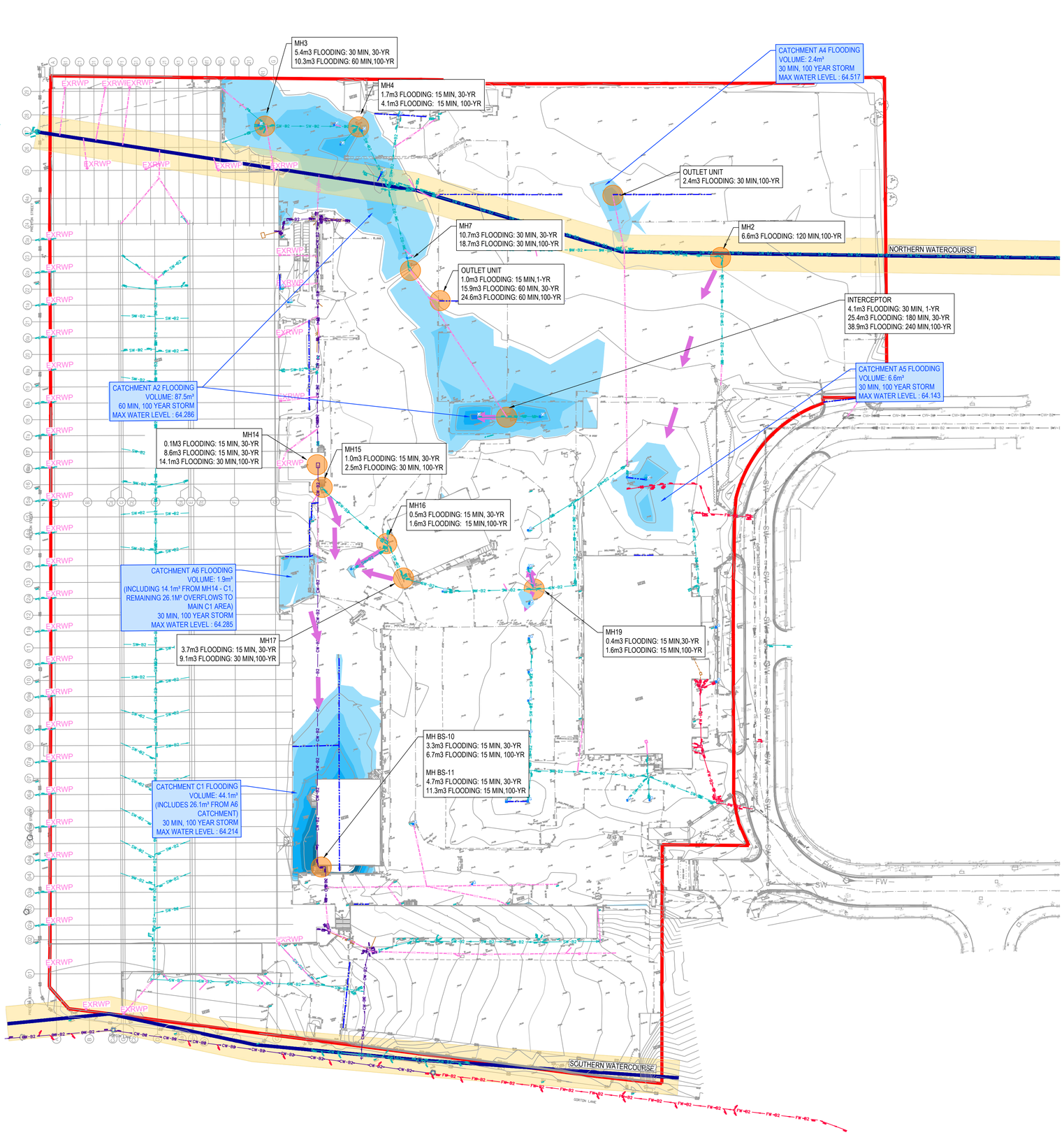


TABLE 1: FLOODING DEPTHS

SURFACE LEVEL DATA
(1 IN 100 STORM EVENT)

NUMBER	MINIMUM LEVEL	MAXIMUM LEVEL	COLOUR
1	0.000	0.050	
2	0.050	0.100	
3	0.100	0.150	
4	0.150	0.200	
5	0.200	0.250	
6	0.250	0.300	

KEY:

- SITE BOUNDARY BASED ON HRD-FRA-00-XX-DR-A-90-0200

EXISTING SERVICES BASED ON GPR SURVEY S17480-U DEC 2018

- UNKNOWN SERVICE
- FOUL WATER PIPE
- SURFACE WATER PIPE
- COMBINED WATER DRAIN

UNITED UTILITIES RECORDS UUPS-ORD-76950 ALL UU ASSETS ARE SHOWN INDICATIVELY

- EXISTING UU SURFACE WATER SEWER
- EXISTING UU COMBINED WATER SEWER
- EXISTING WATERCOURSE
- 8M EASEMENT BASED ON SEWER FOR ADOPTION 6TH EDITION
- EXISTING LINEAR DRAINAGE CHANNEL
  CHANNEL SIZE, CONDITION OUTLET TBC
- EXISTING GULLY
- ASSUMED SURFACE WATER DRAIN ROUTE
- ASSUMED COMBINED DRAIN ROUTE
- POINT OF FLOODING - VOLUMES SHOWN FOR CRITICAL STORM DURATIONS.
  FOR FLOODING DEPTHS REFER TO TABLE 1
- OVERLAND FLOW ROUTE

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. 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.
3. DO NOT SCALE THIS DRAWING. ALL DETAILS AND DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
4. WHERE EXISTING DRAINAGE IS BEING USED, ALLOWANCES SHOULD BE MADE TO REMEDIATE THIS DRAINAGE IN LINE WITH AVAILABLE CCTV SURVEY INFORMATION. IF NO SURVEY IS AVAILABLE, IT IS ADVISED TO OBTAIN ONE PRIOR TO COMMENCEMENT OF WORKS.

DRAWING BASED ON:
TOPOGRAPHICAL SURVEY BY SEP S15724-T

GPR SURVEY BY SEP S17480-U DEC 2018 JUNE 2018

CCTV SURVEY BY SEP DRAINAGE SURVEYS LTD DEC 2018, AUG 2020 & SEP 2021, DEC 2021

UU RECORDS UUPS-ORD-76950

EXISTING DRAINAGE HAS BEEN MODELLED WITHOUT ALLOWANCE FOR SURCHARGED OUTFALLS TO WATERCOURSE

FLOODING EXTENTS SUBJECT TO FURTHER CCTV SURVEY

Rev:	Description:	Date:	By:	Chkd:
P02	FLOODING LEVELS UPDATED	07.07.23	ATL	MW
P01	ISSUED FOR INFORMATION	16.06.23	ATL	MW

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Status: PRELIMINARY

Project: HAMMERSTONE ROAD

Drg Title: PREDEVELOPMENT OVERFLOW PLAN

Project No:	Size:	Date:	Drawn By:	Designed By:	Checked By:
068065	A1	14.06.23	JS	ATL	MW
	Scale: 1:500				

Project Code:	Originator:	Zone:	Level:	Type:	Discipline:	Category / Number:	Rev:
HRD	- CUR	- XX	- 00	- DR	- C	- 92-623	-P02

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