



POLYSTORM CELLULAR ATTENUATION TANK TO ATTENUATE SURFACE WATER DISCHARGE UP UNTIL AND INCLUDING 1 IN 100yr + 45% CC PERIOD.

APPROX VOLUME REQUIREMENT = 55.2m³
LENGTH = 23.0m
WIDTH = 3.0m
DEPTH = 0.8m
COVER LEVEL = 57.55 (LOAD UP TO 40 TONNES - 0.60m min)
TOP OF TANK LEVEL = 56.80
INVERT LEVEL = 55.80

PLEASE SEE MANUFACTURER DWG: PSM - 2.0 - R0 - PSM1A TANK

1200Ø SW HYDROBRAKE MANHOLE CHAMBER DISCHARGING AT A RATE OF 5L/S AS AGREED BY PREVIOUS ENGINEER WITH UNITED UTILITIES AND LLFA.

CL: 57.541
IL: 55.80
DH: 1.0

SURFACE AND FOUL WATER COMBINE ONSITE BEFORE OUT FALLING TO EXISTING PRIVATE COMBINED MANHOLE VIA A BACKDROP, DEPTH CONFIRMED ON SITE AS GENERALLY ACCURATE. FLOWS THEN DISCHARGE TO PUBLIC SEWER WHERE AGREEMENT WITH UNITED UTILITIES SECTION 106 PART 1 APPLICATION APPROVED.

DRAINAGE KEY

- CW EXISTING UU COMBINED WATER SEWER
- EXISTING PRIVATE COMBINED WATER SEWER
- PRIVATE FOUL WATER SEWER
- PRIVATE SURFACE WATER SEWER
- 300Ø PRIVATE FW PPIC
- 300Ø PRIVATE SW PPIC
- 450Ø PRIVATE FW PPIC UNLESS OTHERWISE STATED
- 450Ø PRIVATE SW PPIC UNLESS OTHERWISE STATED
- PRIVATE CATCH PIT
- SW HYDROBRAKE MANHOLE
- COMBINED SEWER
- SW GULLY
- SW ACO CHANNEL
- THRESHOLD SLOT CHANNEL
- FOUL WASH DOWN GULLY

GENERAL NOTES

THIS DRAWING TO READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE.

NOTE:

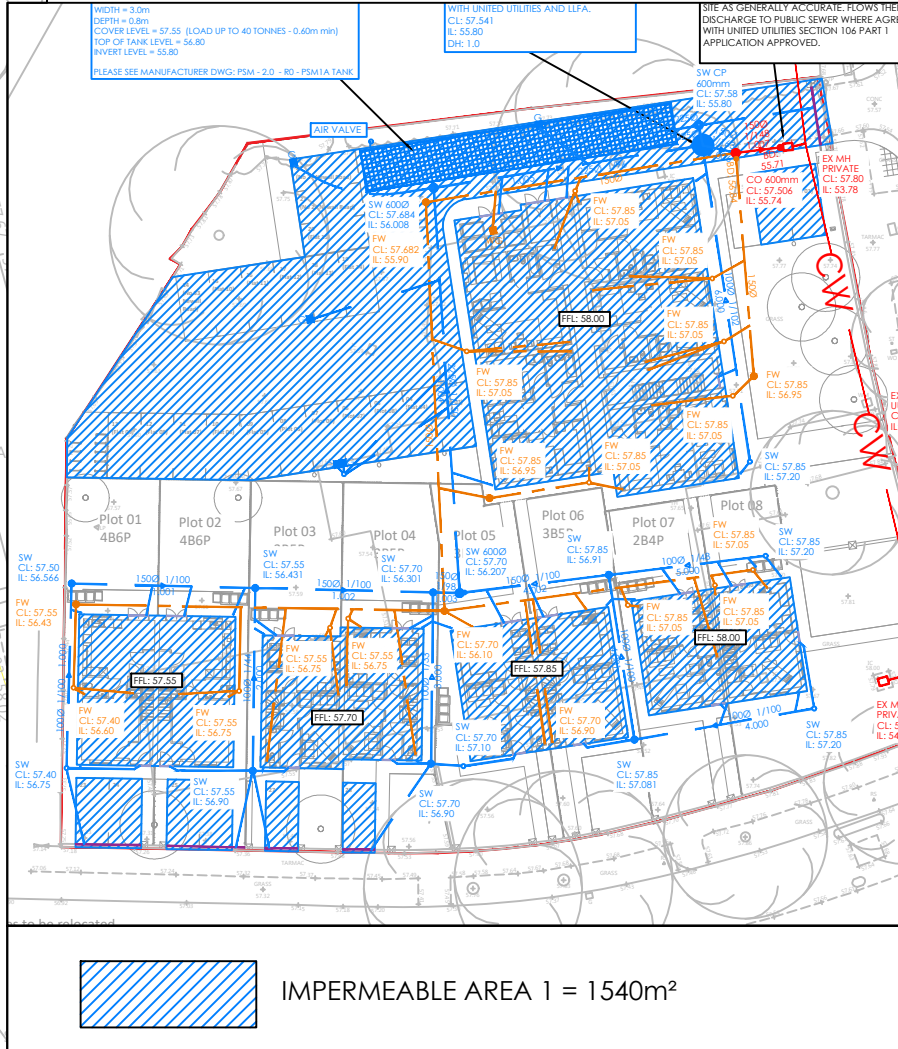
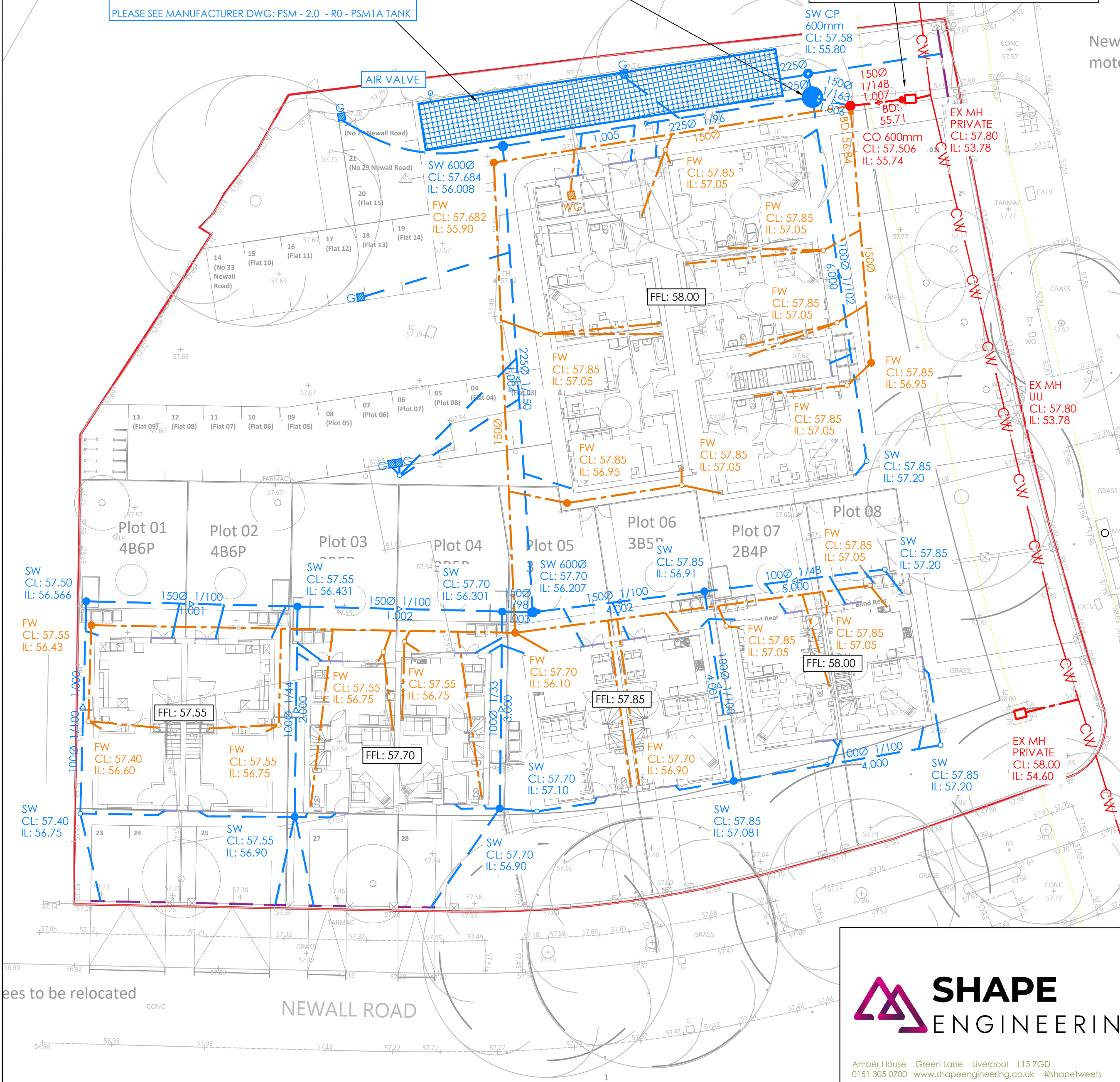
FOR INFORMATION PURPOSES THE FOLLOWING SHOULD BE ASSUMED:

ALL INDICATED SURFACE WATER SEWERS ARE 100mm IN DIAMETER AND HAVE A MINIMUM GRADIENT OF 1:100 UNLESS OTHERWISE STATED.

ALL FOUL WATER SEWERS 100mm IN DIAMETER AND HAVE A MINIMUM GRADIENT OF 1:80 UNLESS OTHERWISE STATED.

ALL FOUL AND SURFACE WATER PPIC'S 50 IN DIAMETER UNLESS OTHERWISE STATED.

ALL MANHOLE AND SEWER TRENCH DEPTH PROVIDE A MINIMUM COVER OF 1.2m TO THE SOFFIT OF THE PIPE.



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PROJECT
Greenbrow Social Club,
Manchester City Council

TITLE
Drainage
Strategy Plan

AB2	NM	Tank dimensions updated to as built		05.01.2025
AB1	PB	As Built Issue		26.11.2025
Rev	By	Description		Date
Revision Schedule				
Client		Casey Group		
Status	-	Purpose of Issue AS BUILT		
Designed By	GP	Approved By	EC	Drawn By GP
Project No.	2639		Sheet No.	C-0001
Scale (@ A2)	1:200	DATE	26.11.2025	Rev AB2