



Porous Paving B2

Dimensions

Exceedance Level (m)	86.138
Depth (m)	0.300
Base Level (m)	85.838
Paving Layer Depth (mm)	100
Membrane Percolation (m/hr)	0.01
Porosity (%)	30
Length (m)	5.992
Long. Slope (1:X)	500.00
Width (m)	5.997
Total Volume (m³)	2.230



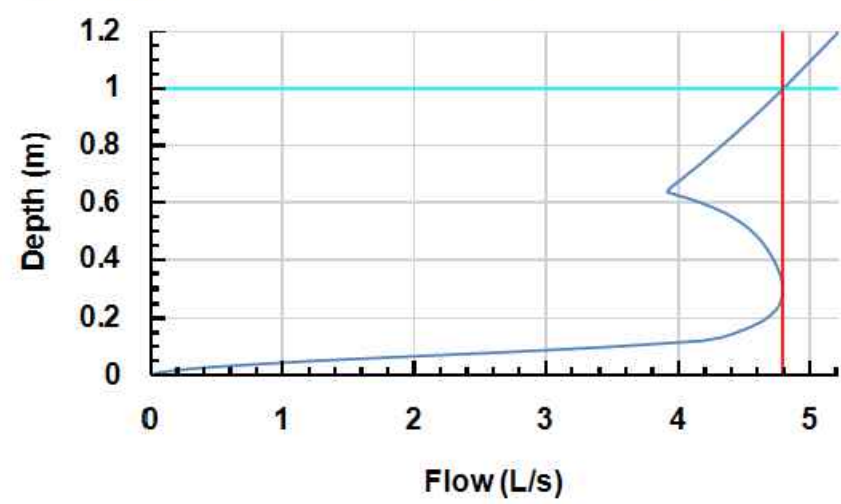
Cellular Storage Block B

Dimensions

Exceedance Level (m)	85.703
Depth (m)	0.420
Base Level (m)	84.628
Number of Crates Long	28
Number of Crates Wide	4
Number of Crates High	1
Porosity (%)	95
Crate Length (m)	1.2
Crate Width (m)	0.6
Crate Height (m)	0.42
Total Volume (m³)	32.830

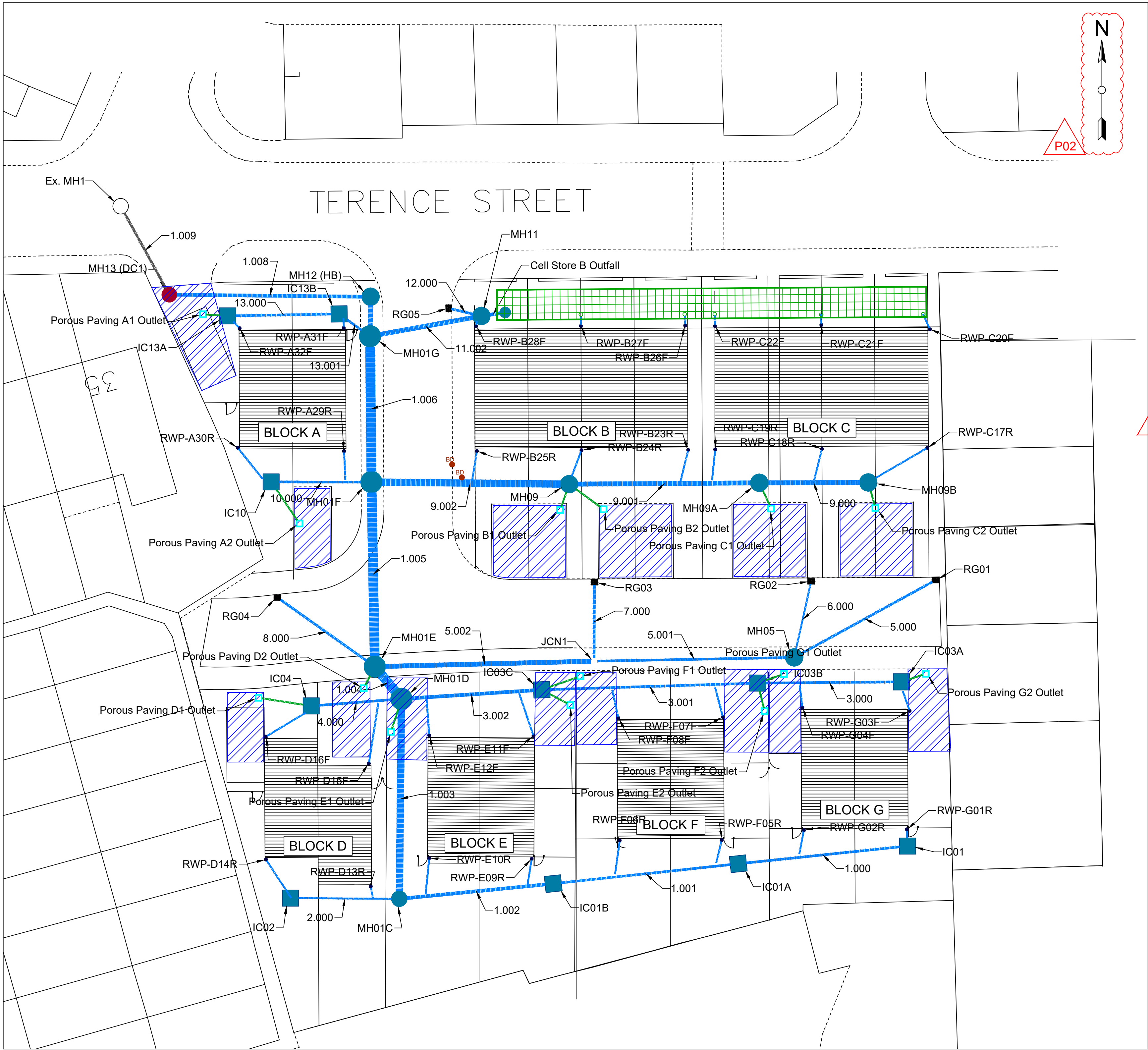
FLOW-CONTROL DETAILS

Outlet	1.008	Hydro-Brake®
Invert Level (m)	84.583	
Design Depth (m)	1.000	
Design Flow (L/s)	4.8	
Objective	Minimise Upstream Storage Requirements	
Application	Surface Water Only	
Sump Available	☒	
Unit Reference	SHE-0103-4800-1000-4800	



KEY

- NEW SW MANHOLE
- NEW SW DRAIN
- NEW SW INSPECTION CHAMBER
- PROPOSED RAIN WATER PIPE (RWP) & CONNECTION
- NEW SOIL VENTILATION PIPE (SVP) & CONNECTION
- PROPOSED FOUL MANHOLE
- PROPOSED FOUL INSPECTION CHAMBER
- PROPOSED FOUL DRAIN
- PROPOSED BACKDROP ON FOUL DRAIN
- PROPOSED DEMARCATION CHAMBER ON EXISTING OUTFALL
- PROPOSED ROAD GULLY
- PROPOSED PERMEABLE PAVING TO PARKING AREA
- PROPOSED CELLULAR STORAGE
- PROPOSED PERMEABLE PAVING SUMP & OUTFALL



GENERAL

- ALL DIMENSIONS IN MILLIMETRES UNLESS STATED OTHERWISE.
- ALL LEVELS AND DATUMS IN METRES UNLESS STATED OTHERWISE.
- ALL DIMENSIONS, LEVELS AND DATUMS TO BE CONFIRMED ON SITE, PRIOR TO FABRICATION AND CONSTRUCTION.
- ALL BUILDING WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE BUILDING REGULATIONS AND THE CIVIL, STRUCTURAL AND ARCHITECTURAL SPECIFICATIONS.
- ALL EXTERNAL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS.
- ROAD MARKINGS TO BE WHITE THERMOPLASTIC SCREEN IN ACCORDANCE WITH TRAFFIC SIGNS REGULATIONS & GENERAL DIRECTIONS 2016.
- BOND COAT SHALL BE APPLIED BETWEEN CONSTRUCTION LAYERS IN ACCORDANCE WITH SPECIFICATION FOR HIGHWAY WORKS.
- WHERE REQUIRED, EDGE OF CARRIAGEWAY REINSTATEMENT SHALL BE AGREED WITH LOCAL HIGHWAY AUTHORITY ENGINEER PRIOR TO COMPLETION.
- EXISTING 3D SURFACE MODEL PRODUCED FROM TOPOGRAPHICAL SURVEY, DATED AUGUST 2012.
- EXISTING TOPOGRAPHICAL SURVEY SHIFTED TO ORDNANCE SURVEY COORDINATES, THEN RAISED TO TEXT LEVELS.
- FINISHED FLOOR LEVELS TAKEN FROM 04 JUNE, DOCUMENT 132 AND ADJUSTED TO TIE IN TO TOPOGRAPHICAL SURVEY LEVELS. (BLOCK E TBM WAS ASSUMED 100m AOD, NEW BLOCK E REDUCED LEVEL IS 87.00m AOD. ALL OTHER LEVELS RELATIVE TO NEW BLOCK E REDUCED LEVEL).
- PROPOSED LAYOUT TAKEN FROM LES FOEY DRAWING, DATED APRIL 2016.
- INVERT LEVELS OF EXISTING ADOPTED DRAINAGE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES REPORTED TO THE ENGINEER.
- FOR DIMENSIONS OF ALL OTHER PERMEABLE PARKING BAYS, REFER TO INFODRAINAGE MODELING RESULTS.
- CONNECTION TO THE PUBLIC SEWER SHALL BE SUBJECT TO A SECTION 106 AGREEMENT WITH UNITED UTILITIES.
- HYDROBRAKE CHAMBER AND CELLULAR STORAGE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- PEAK DISCHARGE HAS BEEN RESTRICTED TO 4.8 l/s. IN ACCORDANCE WITH SUSTAINABLE DRAINAGE STRATEGY DOCUMENT (FRA24 1029), DATED FEBRUARY 2024.

TO BE READ IN CONJUNCTION WITH DRAWING NUMBERS:-

D246-KGB-00-XX-DR-D-0501
PROPOSED DRAINAGE
FOUL DRAINAGE LAYOUT

D246-KGB-00-XX-DR-D-0502
PROPOSED DRAINAGE
MANHOLE & PIPE SCHEDULES

D246-KGB-00-XX-DR-D-0503
PROPOSED DRAINAGE LONG-SECTIONS
SHE ET 1 OF 2

D246-KGB-00-XX-DR-D-0504
PROPOSED DRAINAGE LONG-SECTIONS
SHEET 2 OF 2

D246-KGB-00-XX-DR-D-0505
PROPOSED DRAINAGE
STANDARD DETAILS, SHEET 1 OF 3

D246-KGB-00-XX-DR-D-0506
PROPOSED DRAINAGE
STANDARD DETAILS, SHEET 2 OF 3

D246-KGB-00-XX-DR-D-0507
PROPOSED DRAINAGE
STANDARD DETAILS, SHEET 3 OF 3

REV	DESCRIPTION	DRAWN	INITIALS	DATE	Dwg STATUS	CHECKED BY	DATE
P01	ISSUED FOR INFORMATION	CIVIL 3D	KB	16/08/24	Preliminary	KB	16/08/24
P02	NORTH POINT & NOTES ADDED, ISSUED FOR INFORMATION	CIVIL 3D	KB	19/08/24	Preliminary	KB	19/08/24

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JOB TITLE	TERENCE STREET, NEWTON HEATH	CLIENT	SPLASH DEVELOPMENTS LTD
DRAWING TITLE	PROPOSED DRAINAGE SURFACE WATER LAYOUT		
SCALE	1:200 @ A1	DRAWN BY	KB
DATE	21/07/2024	DRAWING No	D246-KGB-00-XX-DR-D-0500
REVISION	P02		