

NOTES

1. This drawing to be read in conjunction with all relevant Weetwood civil engineering drawings.

LEGEND

Site boundary
Denotes internal finished floor levels

FFL = 100.000

Proposed Private Surface Water Drainage

- Proposed private surface water pipe
Proposed private rodding eye
Proposed private surface water backdrop
Proposed private surface water 450 ØPPIC
Proposed private surface water manhole with catchpit
Proposed private surface water hydrobrake manhole
Proposed private yard gully with 100Ø connection.
Proposed private geocellular tank
Proposed private road gully with 150Ø connection.

Proposed culverted watercourse sewer
Proposed culverted watercourse manhole

Proposed Private Foul Water Drainage Network

- Proposed private foul water pipe
Proposed private foul water 450 ØPPIC

Proposed Adoptable Drainage Network

- Proposed adoptable foul water sewer
Proposed adoptable foul water 450 ØPPIC
Proposed adoptable foul water backdrop
Proposed adoptable foul water manhole
Proposed adoptable combined water manhole

Existing DCWM Drainage Network

- Existing DCWM combined sewer
Existing DCWM combined manhole

FOR INFORMATION

P5	19.06.17	Surface Water Gullies Added	MC	TP
P4	15.06.17	Adoptable Foul Drainage Network Updated	MC	TP
P3	26.05.17	Culverted Watercourse Updated	MC	TP
P2	25.05.17	Drainage Network Updated	MC	TP

Rev	Date	Description	Drawn	Check
-----	------	-------------	-------	-------

Weetwood
70 Cowcross Street
London EC1M 6EJ
Tel 0203 757 5444
Fax 01352 758314
info@weetwood.net
www.weetwood.net
Development • Planning • Environment

Drawing Status	Date
PRELIMINARY	MAY 2017
Scale	1:250@A1

Project	Drawn
THOMAS, MORGAN & ASSOC.	MC
GROVE PARK	Engineer TP
MERTHYR TYDFIL	Project No
	3777

Title	Drawing No
DRAINAGE LAYOUT	100
	Revision
	P5

Client Drawing No

N/A



Design Notes:					
Development Area: Total Proposed Impermeable Area:	1 930 m² 880 m²				
Attenuation Schedule:					
Pipes: Manholes: Geocellular Storage Tank:	5.0 m³ 17.0 m³ 15.0 m³				
Total:	37.0 m³				
Discharge Rates					
1year Proposed	2year 4.90 l/s	30year 5.00 l/s	100year + 30% CC 5.00 l/s		
Maximum Water Levels (Geocellular Tank)					
1year Proposed	2year Empty	30year 207.02	100year + 30% CC 207.57		
Flow Control					
Hydrobrakes S4 HB	Type Optimum	Diameter 104 mm	Flow 5.00 l/s	Head 1.10 m	Invert Level 208.46 m
Hydro-International Hydrobrake Optimum MD-SHE-0104-5000-1100-5000					