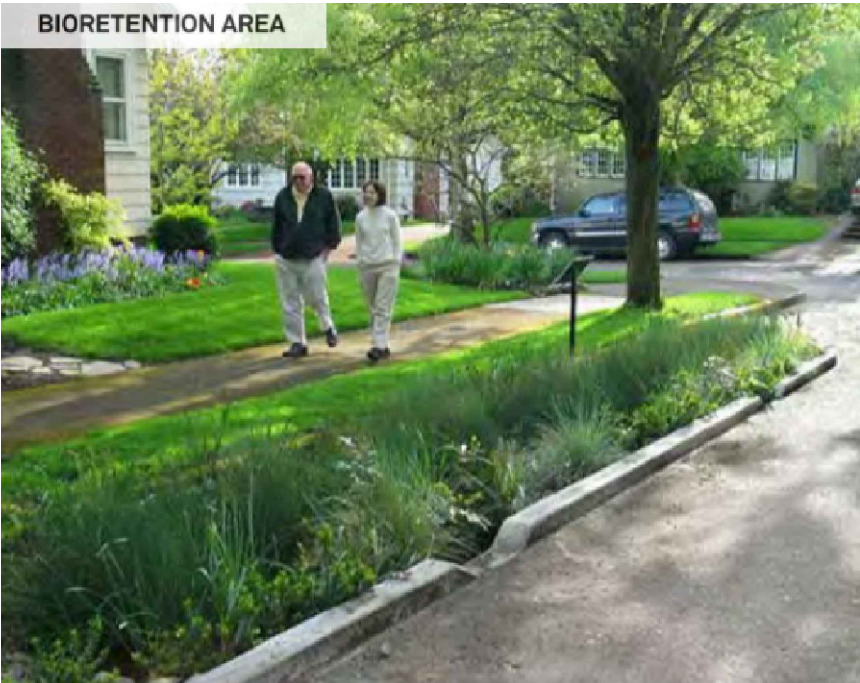




INSERT 1 - TYPICAL HIGHWAY BIORETENTION AREA



- GENERAL NOTES**
1. Do Not Scale
 2. The contractor is to check and verify all buildings and site dimensions and levels, including sewer invert levels, before works start on site. The contractor is to comply in all aspects with the current building legislation, British Standards, building regulations etc.
 3. Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed excavations are to be checked by the contractor prior to starting work
 4. This drawing is to be read in conjunction with and checked against all other drawings, Engineering Details, Specification and any structural, geotechnical or other specialist document provided.
 5. Any anomaly or contradiction between any of the above is to be reported to PHG Consulting.
 6. This drawing is schematic for discussion only, subject to approval and detailed design.
 7. Existing survey contours turned off for clarity.

- ROAD AND DRAINAGE NOTES**
1. All works for adoption under a Section 38 agreement shall be carried out to the approval of the Merthyr Tydfil County Borough Council.
 2. All works for adoption under a Section 104 agreement shall be carried out to the National Water Council guide 'Sewers for Adoption' 7th edition and Dwr Cymru Welsh Water's requirements.
 3. Streetlighting positions to be pegged on site and agreed by the Local Authority PRIOR to erection commencing.
 4. All works for adoption of surface water drainage features are to be carried out in agreement with the SuDS Approving Body (SAB) Officer.
 5. The surface water drainage design must be approved by the SAB prior to commencing onsite.
 6. Soakaway testing to be carried out with soakage rate potential confirmed prior to detailed design.

Legend

- Existing SW Sewer
- Existing Welsh Water FW Sewer
- Adoptable surface water Sewer & Manhole
- Private surface water inspection chamber <3.0m deep with restricted access depths over 1.2m
- Adoptable proposed Foul Sewer & Manhole
- Adoptable foul inspection chamber <3.0m deep with restricted access depths over 1.2m (Refer to lateral schedule - SFAT7h)
- Private foul inspection chamber <3.0m deep with restricted access depths over 1.2m (700mm deep unless noted)
- Private Drainage (Rear discharge for apartments A and B Floors 1-3)
- Bioretention Area (Adoptable)
- Flow Control Device - Office / Hydrobrake
- Rain Garden (Private)
- FFL Level
- Proposed spot level
- Existing spot level
- Retaining Wall
- Banking (maximum gradient 1:2 unless confirmed by engineer)
- Cellular Storage Tank
- Aco Channel or similar approved
- Channel Block
- Private Raised Bioretention Planter (0.75x0.75x0.75)
- Catchpit Chamber (Adopted / Private)
- Road Gully (S38 Adopted)

I	16/04/25	Highway CF Amended	MP	SJD
H	03/03/25	Engineering updated following issue of working Site Layout. Rationalisation of lateral foul drainage.	SJD	MP
G	11/02/25	Position of northern retaining wall amended following review. MHFS & F6 amended following confirmation of as-built invert level.	SJD	MP
F	07/01/25	Foul drainage notation added & amended.	SJD	MP
E	18/12/24	Updated to Construction issue.	SJD	MP
D	24/10/22	ROW Amendment	ACM	SJD
C	17/07/22	Client Information Change	ACM	SJD
B	22/06/22	SAB Updated Comments	ACM	SJD
A	10/02/22	Foul Laterals Added	ACM	MP
	15/12/21	First Issue	ACM	MP
REV	DATE	DETAILS	BY	CHK

CLIENT:

Merthyr Housing
Where people come first

Tai Merthyr
Le gwell fydd ym Cymru

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PROJECT:			
Springfield Rise Treharris			
DRAWING TITLE:			
Engineering Layout			
DRAWN: ACM MP			
CHK: MP			
STATUS: Construction			
SCALE: 1:250 @A1			
DATE: Sep't21			
JOB NO: 2109			
Dwg. NO: 100			
REV: I			