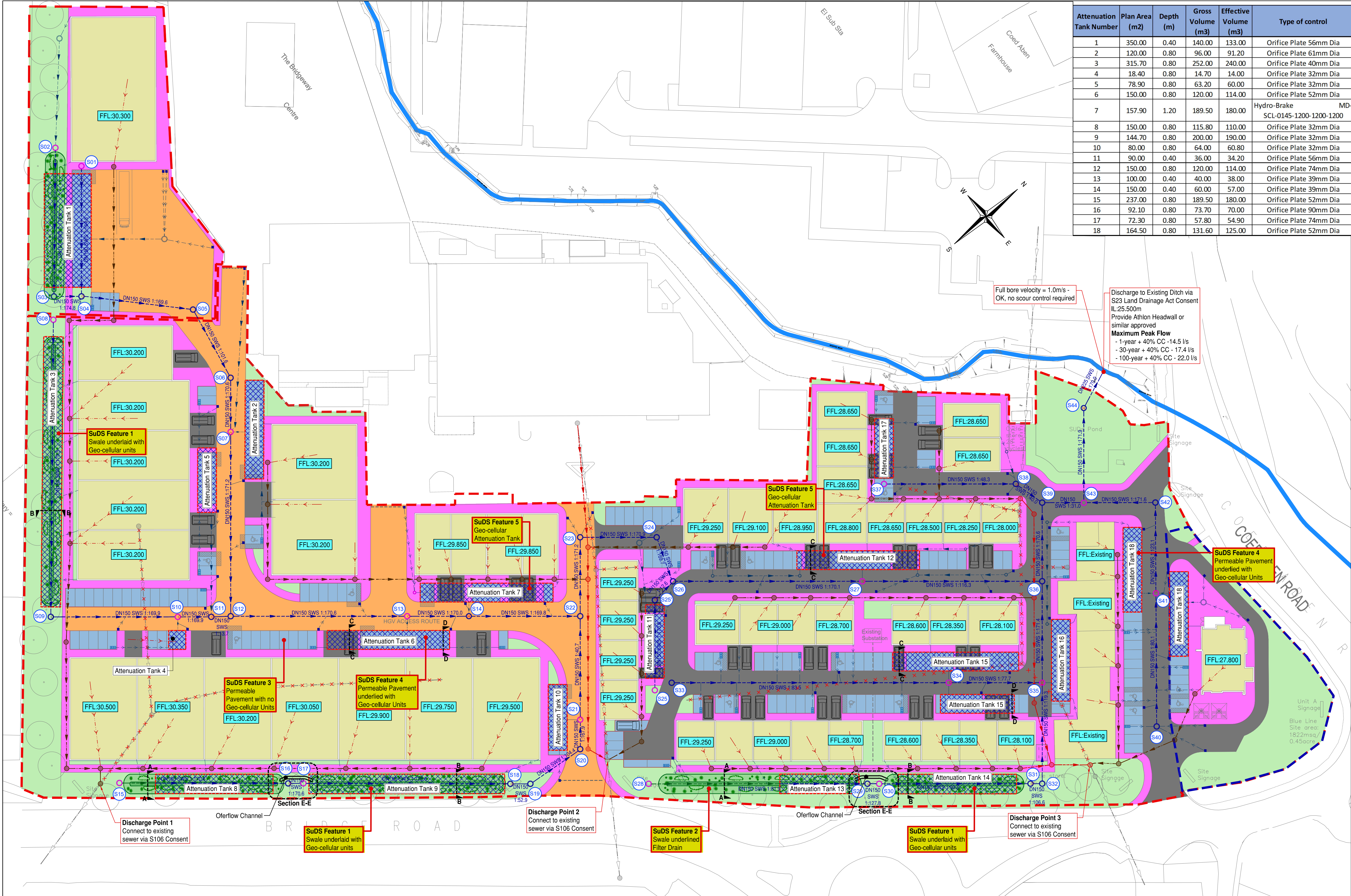




Attenuation Tank Number	Plan Area (m2)	Depth (m)	Gross Volume (m3)	Effective Volume (m3)	Type of control
1	350.00	0.40	140.00	133.00	Orifice Plate 56mm Dia
2	120.00	0.80	96.00	91.20	Orifice Plate 61mm Dia
3	315.70	0.80	252.00	240.00	Orifice Plate 40mm Dia
4	18.40	0.80	14.70	14.00	Orifice Plate 32mm Dia
5	78.90	0.80	63.20	60.00	Orifice Plate 32mm Dia
6	150.00	0.80	120.00	114.00	Orifice Plate 52mm Dia
7	157.90	1.20	189.50	180.00	Hydro-Brake MD-SCL-0145-1200-1200-1200
8	150.00	0.80	115.80	110.00	Orifice Plate 32mm Dia
9	144.70	0.80	200.00	190.00	Orifice Plate 32mm Dia
10	80.00	0.80	64.00	60.80	Orifice Plate 32mm Dia
11	90.00	0.40	36.00	34.20	Orifice Plate 56mm Dia
12	150.00	0.80	120.00	114.00	Orifice Plate 74mm Dia
13	100.00	0.40	40.00	38.00	Orifice Plate 39mm Dia
14	150.00	0.40	60.00	57.00	Orifice Plate 39mm Dia
15	237.00	0.80	189.50	180.00	Orifice Plate 52mm Dia
16	92.10	0.80	73.70	70.00	Orifice Plate 90mm Dia
17	72.30	0.80	57.80	54.90	Orifice Plate 74mm Dia
18	164.50	0.80	131.60	125.00	Orifice Plate 52mm Dia

Safety, Health & Environmental Information:
In addition to the hazards and risks normally associated with the types of work detailed on this drawing, please note the significant hazards identified by symbols below,

 INDICATES A RESIDUAL RISK AS A WARNING

 INDICATES A RESIDUAL RISK FOR INFORMATION

and described below:

Construction/Maintenance/Cleaning/Demolition

- General Notes:**
- Do not scale from this drawing.
 - All dimensions are in meters (m), all levels in metres (m) unless noted otherwise.
 - Discrepancies or omissions are to be reported to the Engineer prior to work commencing.
 - Materials and workmanship are to comply in all respects with current British Standard Specifications, Codes of Practice, and Building Regulations Approved Documents.
 - The copyright of this drawing is vested in the Engineer and must not be copied or reproduced without written consent.
 - The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work commences.
 - This drawing is to be read in conjunction with all relevant specifications and drawings issued by the Engineer, Architect and other Specialists.
 - Details and locations of existing services are based on the Topographical Survey and Utility Records received from Third Parties and Service Providers respectively, and should be considered indicative and approximate only. The existing services shown on drawings may not be exhaustive. The Contractor shall use Trial Pits and other approved methods to accurately locate and verify the positions and depths of all existing services before commencement of works on site.

- Notes:**
- For Surface Water Manhole Schedule and Attenuation Tanks Schedule refer to drawing BCW-BML-ERD-ZZ-DR-C-0506
 - For cross-sections A-A, B-B, C-C, D-D and E-E refer to drawing number BCW-BML-ERD-ZZ-DR-C-0505

P02	VI	AM	11/03/21	Surface Water Peak Flow reduced to Greenfield rate
P01	VI	AM	13/10/20	Preliminary Issue
Rev	By	Chkd	Date	Description

PRELIMINARY DRAWING
This drawing is not to be used for construction

Client

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 **BarnsleyMarshall**

Project

**The Bridgeway Centre,
Bridgeway Road, Wrexham**

Drawing

Combined Drainage Layout

By/Chk'd	VI/AM	Date	13/10/20
Drawing No.	BCW-BML-ERD-ZZ-DR-C-0500		
Revision	P02		
BML Job No.	1000-01		
Status	-		
Drawing Scale at A1:	1:500		
CAD Filename:	C:\Users\BML\OneDrive\BML\BML - Shared\Projects\100001\Barnsley Centre, Wrexham\BML - Design\Drawings\100001\BML-ERD-ZZ-DR-C-0500.dwg		

Drainage Key

DN150 SWS 1 in 100	Proposed Surface Water Sewer
SWMH XX DN XXXX CL: XX.XX IL: XX.XX	Proposed Surface Water Manhole
SWCP XX DN XXXX CL: XX.XX IL: XX.XX	Proposed Riddgstorm Separate Catchpit
GYXX	Proposed DN150 RWP and Gully Connection
Proposed Road Gully, refer to drawing BCW-BML-ERD-ZZ-DR-C-0501 for details.	
Proposed Hydro-Brake Chamber, Refer to drawing BCW-BML-ERD-ZZ-DR-C-0501 for details.	
Proposed Manhole with installed Orifice Plate on one of the pipes	

FWXX	Permavoid Diffuser Unit
DN150 FWS 1 in 100	Proposed Foul Water Sewer
FWMH XX DN XXXX CL: XX.XX IL: XX.XX	Proposed Foul Water Manhole
WW COMB	Existing WW Combined Sewer
WW COMB	Existing WW Combined Sewer to be removed
DN150 COMB 1:80	Diverted WW Combined Sewer
Site Boundary	
Assumed Finished Floor Level	

Proposed Asphalt Access Road
Proposed Asphalt Access Road suitable for HGV
Proposed Permeable Paving
Proposed Asphalt Footpath
Existing and Proposed Green Areas
Proposed Building