

Legend

Proposed Sewers

The diagram shows two horizontal lines representing sewer lines. The top line is labeled **F01** and has a grey circle marker. The bottom line is labeled **S01** and has a blue circle marker. Below these lines are five grey rectangular blocks representing easements. A yellow rectangular block is positioned below the S01 line.

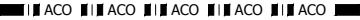
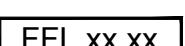
Proposed S104 Adoptable Foul Sewer

SABS Adoptable Surface Water Sewer

Foul Rising Main

Sewer Easement (Min 6m Width)

Proposed Plot Drainage

	2250 IC		4500 IC	Private Surface Water Drain
				SABS Adoptable Surface Water
				Private Foul Drain
				S104 Adoptable Foul Drain
				SVP
				RWP
				Rodding Eye
				Linear Drainage Channel
				Private Road Gully
				Tanked Permeable Paving
				Flow Control
				Catchpit
				Diffuser Unit
				Plot Slab Level

Design based on Layout:
Drawing No. 20069-01, Heritage Way,
Brymbo, Site Layout
Rev: E
Grid/Level datum based on Topo:
Drawing No. TWNW.TS.33, Topographical
Land Survey, Heritage Way, Wrexham
Rev: A

Permeable paving
See Coopers 5972
for details.

FC1
500Ø Controflow
chamber 30mm orifice
restricting flow to 1.3l/s

Adoptable FW Pumping Station
CL 183.400
IL TBC
(incoming 180.713)
Rising Main to F20 Gravity network to Existing FW
Public Sewer
3m dia wet well to provide emergency storage.(240l x
70 =16.8 cu.m
Estimated 4.5m deep.

DRY BASIN:
Volume = 540cu.m.
Base = 181.200
Q30 = 181.696
Q100 = 182.159
40% climate change
10% urban creep

Note:
Refer to Coopers drawing
No. 5972 / 12 & 5972 / 13 for
surface water network /
SUDS details

TENDER

C	09.07.21	Updated to suit revised layout	LW	AJ
B	22.04.21	FFL, ACO & Private gullies added	LW	AJ
A	16.04.21	Updated to suit client comments	PW	AJ
Rev.	Date	Revision	By	Appd.



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Client

Taylor
Wimpey

Project

HERITAGE WAY,
BRYMBO.

Title
Proposed SABS Drainage Layout

DRAWING NUMBER		SCALE at A1	1:500
5972 / 11	DATE	06.04.21	REVISION
	DRAWN	LW	C
	CHECKED	AJ	

NOTE

Adoptable materials/workmanship to conform to Part E of "Sewers for Adoption" 7th Edition.

Pipe Materials Table

Pipe Materials Table	Pipe Materials Table
100	CLAYWARE
150	CLAYWARE
225	CLAYWARE
300	CLAYWARE
375	CONCRETE

Contractor may elect to use thermoplastics pipes. These shall comply with the relevant provisions of BS EN 1401-1, BS EN 1852 and BS EN 12666-1 and should be Welsh Water approved products

Bedding and Surround Table

Depth to Soffit	Bedding and Surround Type
>1.2m	Class S
<1.2m	Class Z

