



ACO cellular storage  
1.828 m high with 95% voids  
Area: 50 m<sup>2</sup>  
I.L: 9.571 m  
Volume: 86.83 m<sup>3</sup>

ACO cellular storage  
1.828 m high with 95% voids  
Area: 100 m<sup>2</sup>  
I.L: 9.521 m  
Volume: 173.66 m<sup>3</sup>

Foul water receptor chamber. Chamber to receive surface water runoff from WwTW. SW flow discharged into WwTW.

Flow control  
Hydro-brake: Design  
Depth: 1.878 m  
Design Flow: 2 l/s  
I.L: 9.371 m

ACO cellular storage  
1.828 m high with 95% voids  
Area: 50 m<sup>2</sup>  
I.L: 9.421 m  
Volume: 86.83 m<sup>3</sup>

ACO cellular storage crates to surround perimeter. Surface water to be directed to them through filter drains.

ACO cellular storage  
1.828 m high with 95% voids  
Area: 100 m<sup>2</sup>  
I.L: 9.471 m  
Volume: 173.66 m<sup>3</sup>

LEGEND

	Surface water pipe
	Attenuation Storage Tank
	Filter drain
	Foul water pipe



NOTES

- Dimensions in metres and levels in m AOD unless otherwise stated. Do not scale.
- For planning purposes only. Subject to detailed design.
- To be read in conjunction with Flood Risk Assessment & Drainage Strategy (FRA) report by Water Environment Ltd, ref: 22061-FRA-RP-02-C01.

REV	DATE	AMENDMENTS	DR	AP

CLIENT:	Quinn Estates
PROJECT:	Beeston Development WwTW
DRAWING:	Surface Water Drainage Strategy

SCALE @A3:	1:500m	DATE:	03/04/2024
DRAWN:	EA	CHECKED:	GE
APPROVED:	GL	DRAWING NO:	22061-SWD-DP-01
REVISION:	C01		