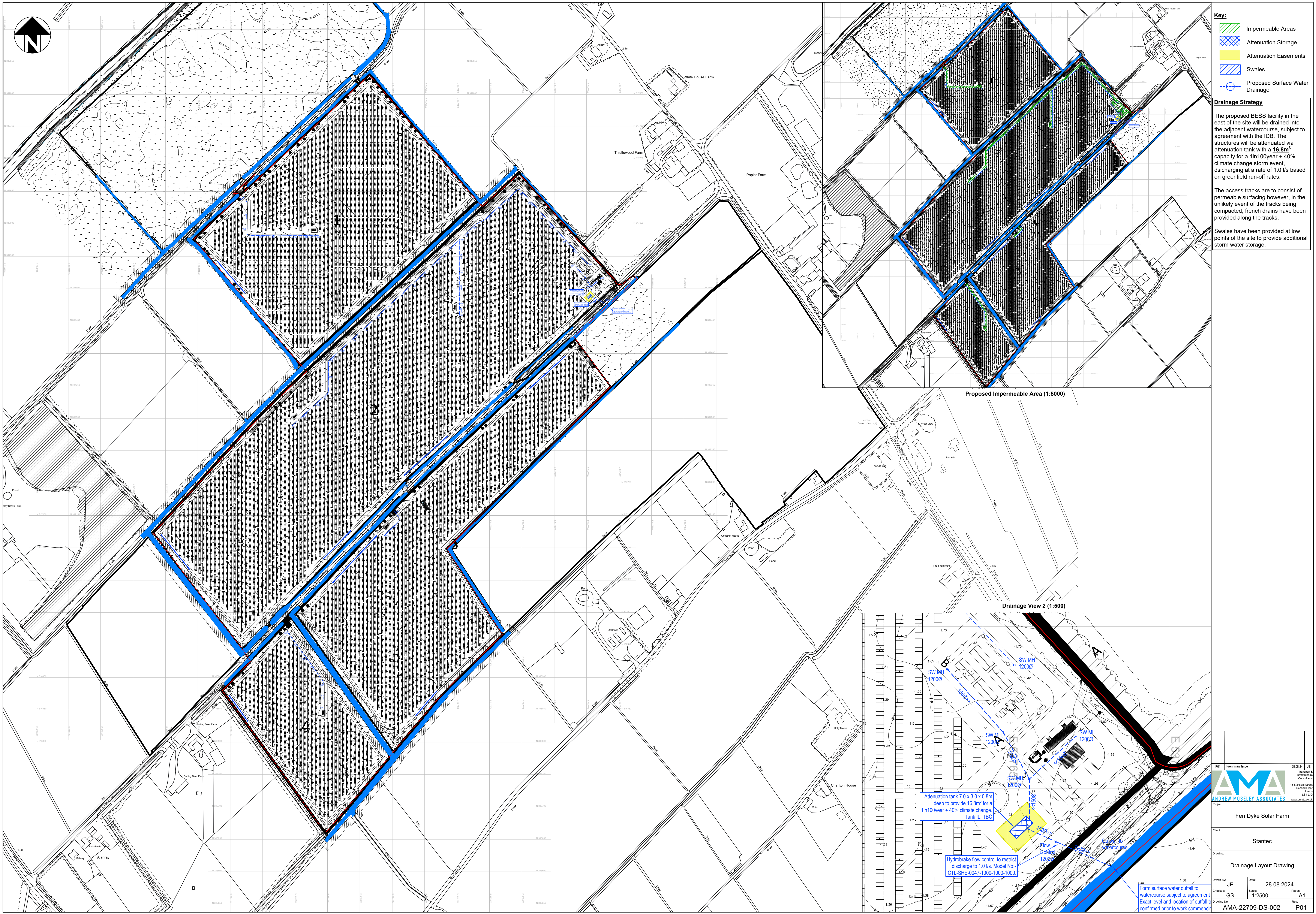




- Key:**
- Impermeable Areas
 - Attenuation Storage
 - Attenuation Easements
 - Swales
 - Proposed Surface Water Drainage

Drainage Strategy

The proposed BESS facility in the east of the site will be drained into the adjacent watercourse, subject to agreement with the IDB. The structures will be attenuated via attenuation tank with a **16.8m³** capacity for a 1in100year + 40% climate change storm event, discharging at a rate of 1.0 l/s based on greenfield run-off rates.

The access tracks are to consist of permeable surfacing however, in the unlikely event of the tracks being compacted, french drains have been provided along the tracks.

Swales have been provided at low points of the site to provide additional storm water storage.

Proposed Impermeable Area (1:5000)

Drainage View 2 (1:500)

Attenuation tank 7.0 x 3.0 x 0.8m deep to provide 16.8m³ for a 1in100year + 40% climate change. Tank IL: TBC

Hydrobrake flow control to restrict discharge to 1.0 l/s. Model No: CTL-SHE-0047-1000-1000-1000

Form surface water outfall to watercourse subject to agreement. Exact level and location of outfall confirmed prior to work commencing

Project	15 St Pauls Street, Second Floor, London, LS1 2AP	28.08.24	JE
Client	Fen Dyke Solar Farm		
Drawing	Drainage Layout Drawing		
Drawn By	JE	Date	28.08.2024
Checked	GS	Scale	1:2500
Drawing No	AMA-22709-DS-002	Paper	A1
Rev			P01