

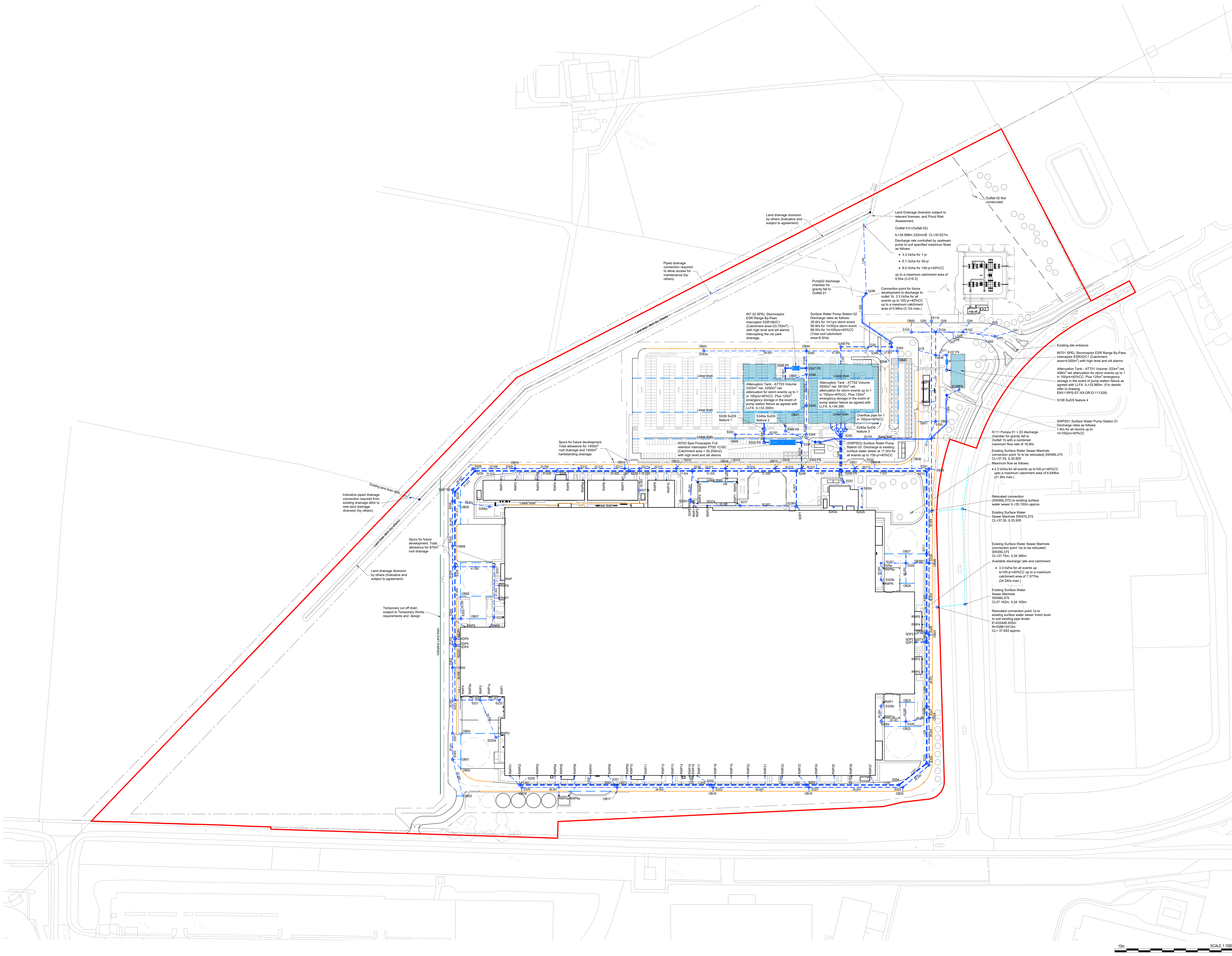
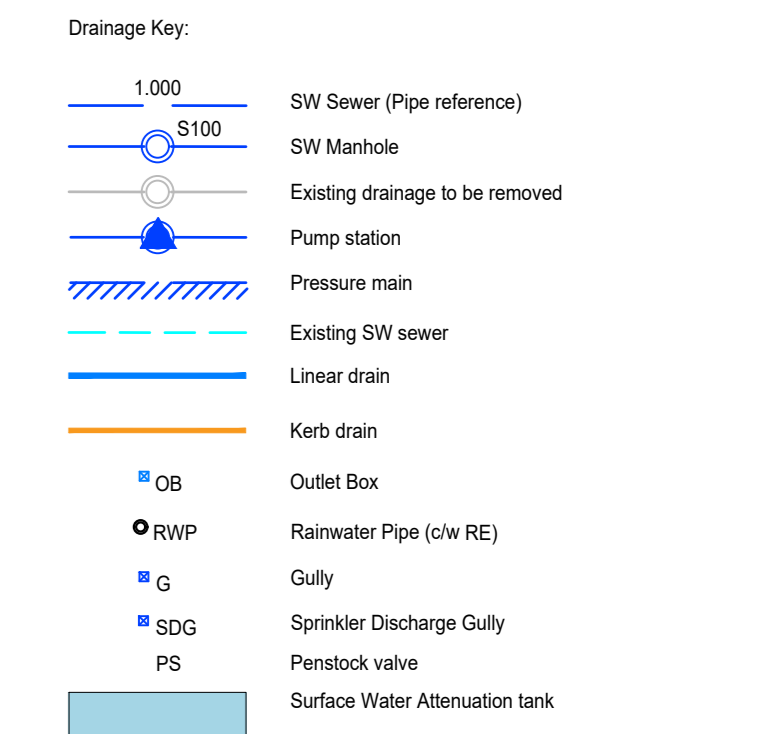
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Key:

Planning Boundary

- Surface Water Drainage Requirements**
- Outfall rates limited during all events and surcharged during 1 in 100+40%CC event as per ITT Appendix B - IAMP Site 1.2 - Discharge limits.
 - Pump Stations:
 - Duty and standby pump arrangements in pump stations.
 - Variable pump rates where required (i.e. duty, standby and assist).
 - Pumps linked to BMS/Gatehouse for remote shut down in emergencies.
 - Back up power supply to be provided for pump stations/provision for standby generators to be brought to site in event of power outage.
 - Fire Fighting Water
 - The volume of firefighting water required to be attenuated is subject to agreement with local fire authority. No allowance is made for a dedicated spent fire water tank.

- SuDS Feature Schedule**
- SuDS Feature 1 (S347)** - No. vortex separator 1820's treatment flow 730 max. flow (3.0m FP McCann - StormClearer)
 - SuDS Feature 2 (S348a)** - No. vortex separator 1515's treatment flow 311's max flow (1.2m FP McCann - StormClearer)
 - SuDS Feature 3 (S245a)** - 3No. vortex separators 564's treatment flow 2423's max flow (3No. 3.0m FP McCann - StormClearers (max flow $\lt; 2550\text{m}^3\text{ or equal approved}$))
 - SuDS Feature 4 (S108)** - No. vortex separator 541's treatment flow 180's max flow (1.8m FP McCann - StormClearer)



P01	Planning Submission	LMA	MM	12/05/23
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Rev	Description	By	Ckd	Date
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Client: **Envision AESC** **Wates**

Project: **Envision AESC Giga Factory**

Title: **Proposed Surface Water Drainage Layout**

RPS Project Number	Scale @ A0	Date Created
NK020439P	1:1000	12/05/23
Task Team Manager	Information Author	Task Information Manager
T4	LMA	MM

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