

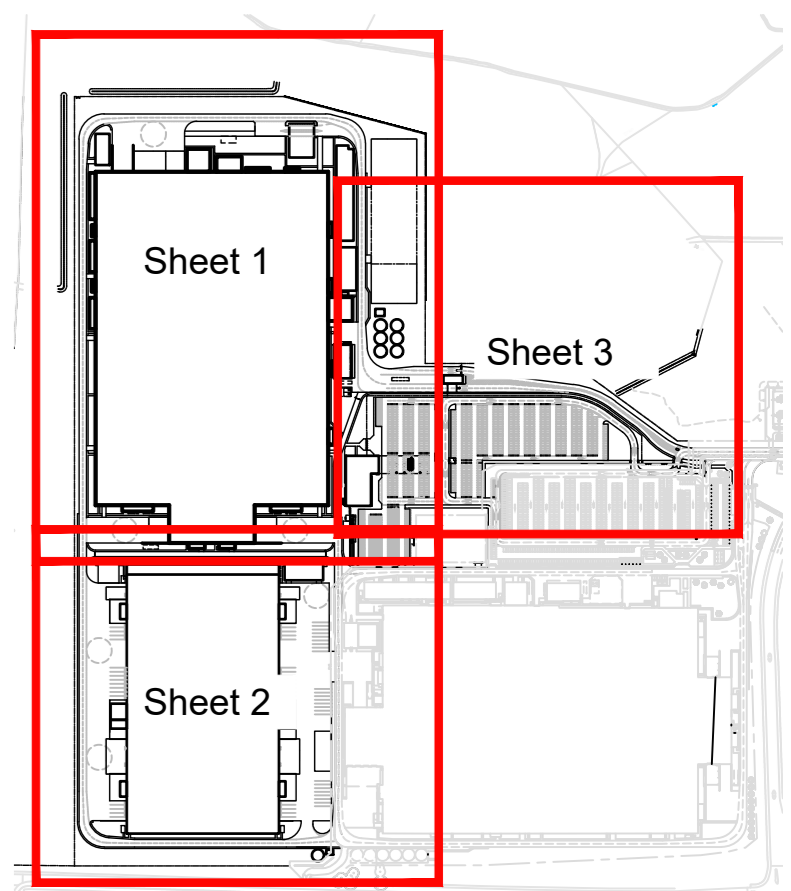
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- Drawing to be read in conjunction with:
- 251 - Proposed Surface Water Drainage Layout Sheet 1
 - 252 - Proposed Surface Water Drainage Layout Sheet 2
 - 253 - Proposed Surface Water Drainage Layout Sheet 3
 - 254 - Proposed Foul Water Drainage Layout Sheet 1
 - 255 - Proposed Foul Water Drainage Layout Sheet 2
 - 256 - Proposed Foul Water Drainage Layout Sheet 3
 - 257 - Surface Water Drainage Excellence Plan

- Foul Water Drainage Requirements
- Internal manholes to be double sealed with internal plates.
 - Pump Stations:
 - Duty and standby pump arrangements in pump stations.
 - ATEX rated chambers.
 - Pumps to be linked to BMS/Gatehouse for remote shut down in emergencies.
 - Back up power supply to be provided for pumpstations/ provision for standby generators to be brought to site in even of power outage.
 - Pollution Containment Device locations are subject to detail design / operations review.
 - Domestic Foul Water Design Baseline: Water
 - Peak Flow based on BS EN 12056-2:2000. Gravity drainage systems inside buildings - Part 2.

1. Fire Fighting Water
- The volume of firefighting water required to be allocated is subject to agreement with the local fire authority. No allowance is made for a dedicated spent fire water tank.

- Key:
- FW Sewer (OD & Gradient)
 - FW Manhole
 - Pump station
 - Pressure main
 - Existing FW sewer
 - Class 2 surround (to trench fill to underside of foundation where adjacent foundations)
 - OB Outlet Box
 - G Gully
 - PS Penstock, manual operation to facilitate maintenance operations.



Key Plan
Scale: 1:7500

Rev	Description	By	Chk	Date
P02	Planning Submission	LMA	MM	20/02/24

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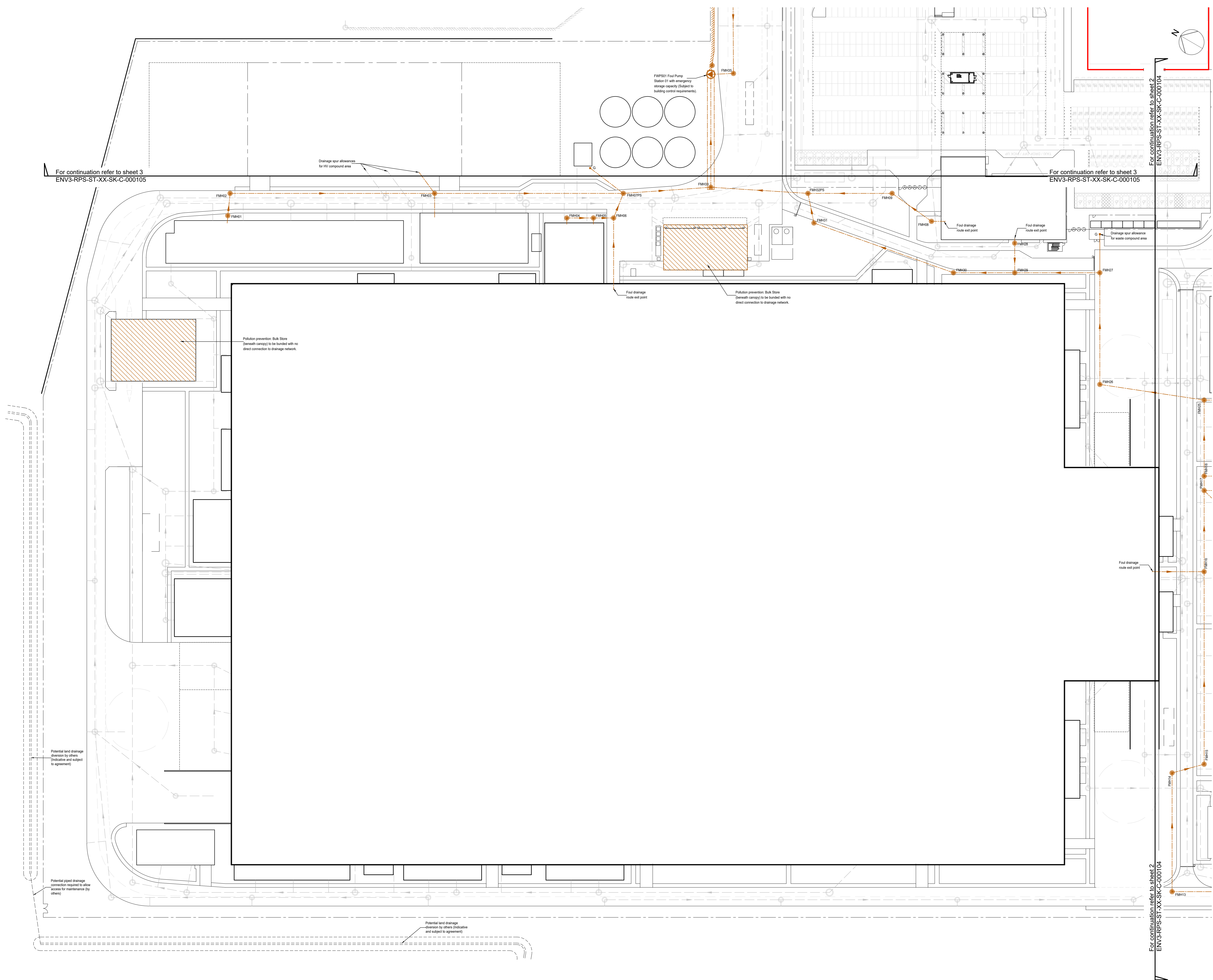
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Client
AESC Wates

Project
AESC Giga Factories
Plot 2 Planning

Title
Proposed Site Foul Water
Drainage Layout Sheet 1

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Plot 2 Proposed Site Foul Water Drainage Layout Sheet 1
Scale: 1:500