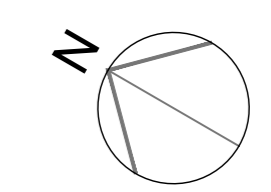


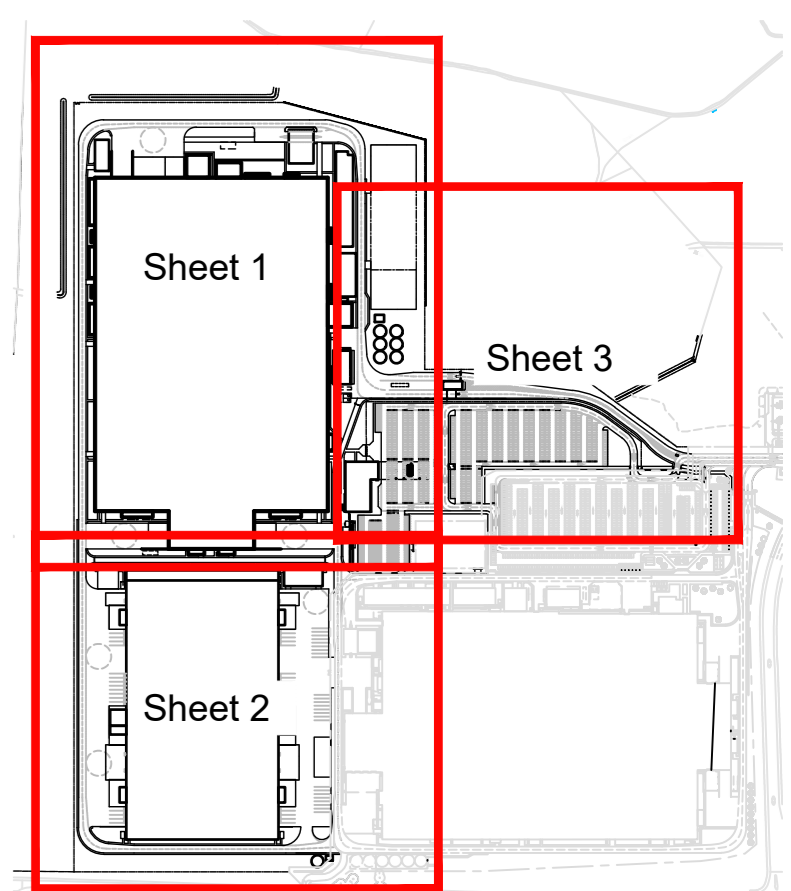
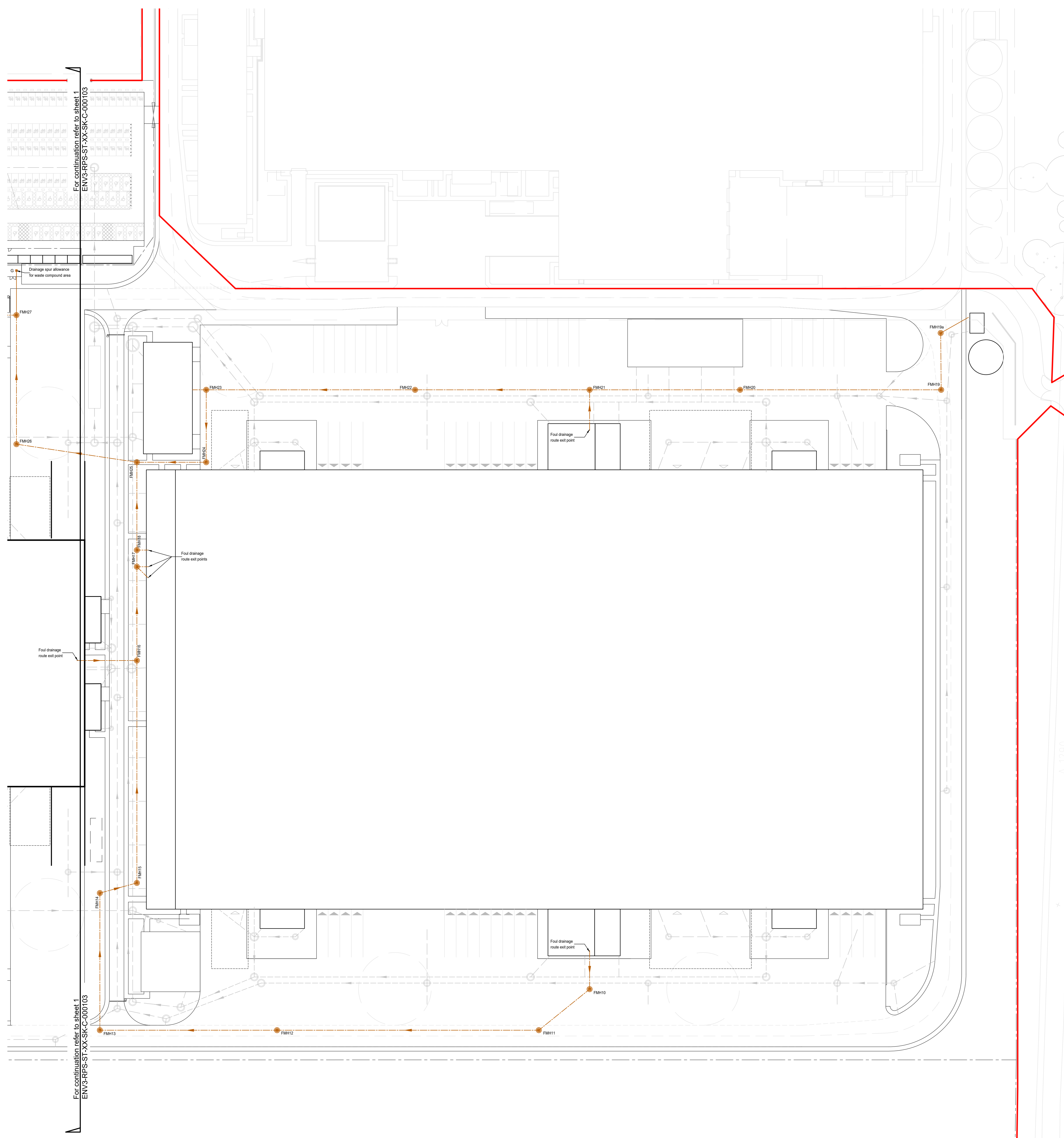
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- Drawing to be read in conjunction with:
- 251 - Proposed Surface Water Drainage Layout Sheet 1
 - 252 - Proposed Surface Water Drainage Layout Sheet 2
 - 253 - Proposed Surface Water Drainage Layout Sheet 3
 - 254 - Proposed Foul Water Drainage Layout Sheet 1
 - 256 - Proposed Foul Water Drainage Layout Sheet 3
 - 257 - Surface Water Drainage Excessance 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 pump stations/ provision for standby generators to be brought to site in event of power outage.
 - Pollution Containment Device locations are subject to detail design / operations review.
 - Domestic Foul Water Design Baseline: Water
 - Peak Flow based on H BS EN 12056-2:2000, 'Gravity drainage systems inside buildings - Part 2'.
 - Fire Fighting Water
 - The volume of firefighting water required to be attenuated is subject to agreement with the local fire authority. No allowance is made for a dedicated spent fire water tank.

- Key:
- FW Sewer (10 & Gradient)
 - FW Manhole
 - Pump station
 - Pressure main
 - Existing FW sewer
 - Class Z surround (& trench fill to underside of foundation where adjacent foundations)
 - Outlet Box
 - Gully
 - Penstock, manual operation to facilitate maintenance operations.



Key Plan
Scale: 1:7500

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

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

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Client: **AESC Wates**

Project: **AESC Giga Factories Plot 2 Planning**

Title: **Proposed Site Foul Water Drainage Layout Sheet 2**

RPS Project Number	Scale @ A0	Date Created
NK020439P	1:500	21/09/23
Task Team Manager	Information Author	Task Information Manager
TH	LMA	MM

Status: **S2 (Suitable for Information)**

Document Number	Revision
255	P02

Project Code - Originator - Function - Spec - Type - Risk - Number
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