Notes

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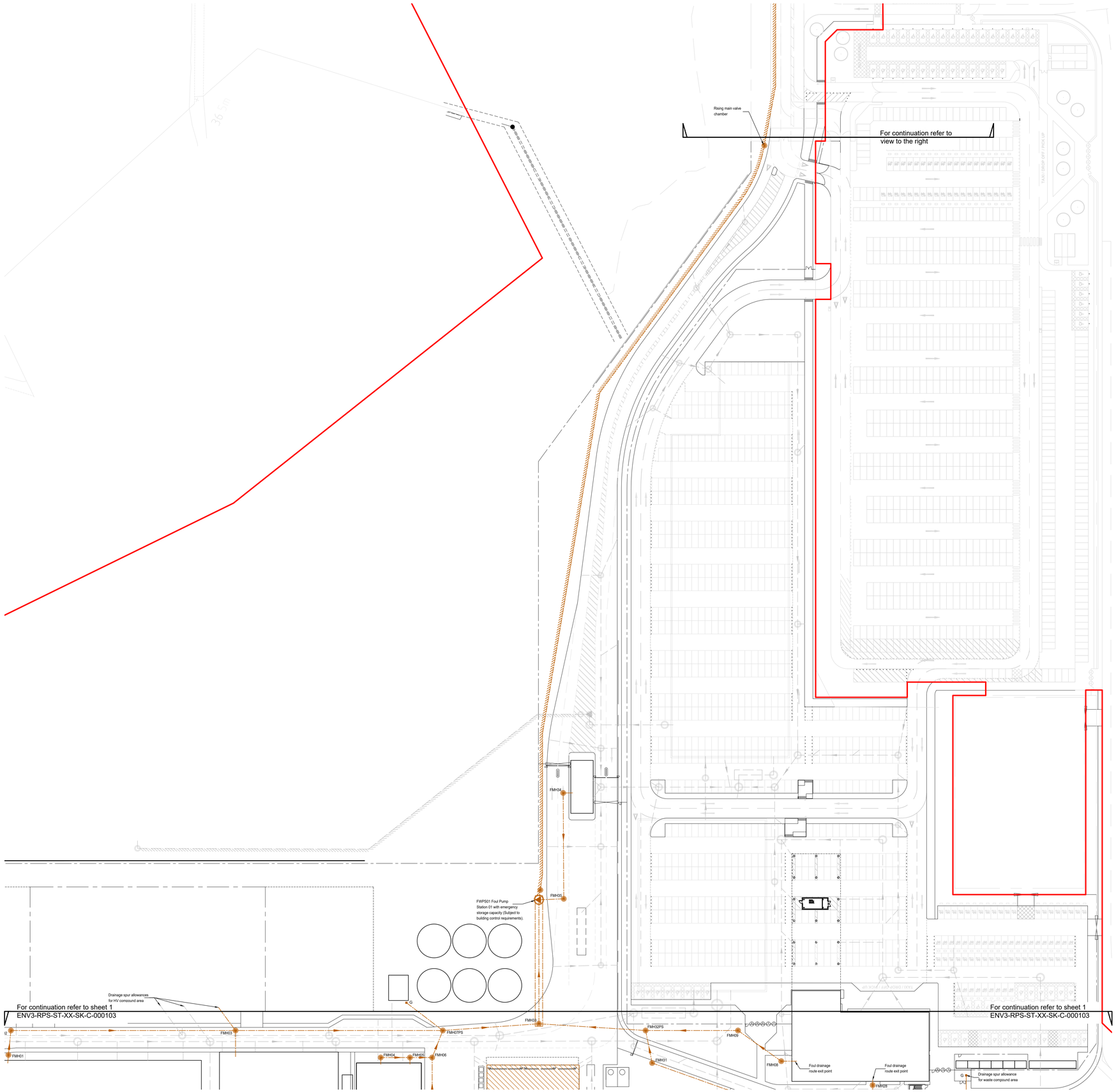
Drawing to be read in conjunction with:
251 - Proposed Surface Water Drainage Layout Sheet 1
252 - Proposed Surface Water Drainage Layout Sheet 2
253 - Proposed Surface Water Drainage Layout Sheet 3
255 - Proposed Foul Water Drainage Layout Sheet 2
256 - Proposed Foul Water Drainage Layout Sheet 3
257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

Foul Water Drainage Requirements
1. Internal manholes to be double sealed with internal plates.
2. Pump Stations:
2.1. Duty and standby pump arrangements in pump stations.
2.2. ATEX rated chambers.
2.3. Pumps to be linked to BMS/Gatehouse for remote shut down in emergencies.
2.4. Back up power supply to be provided for pumpstations/ provision for standby generators to be brought to site in even of power outage.
3. Pollution Containment Device locations are subject to detail design / operations review.
4. Domestic Foul Water Design Baseline: Water
1.1. Peak Flow based on in BS EN 12056-2:2000, 'Gravity drainage systems inside buildings - Part 2.
1. Fire Fighting Water
1.1. 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 (I/D & Gradient)
- FW Manhole
- Pump station
- Pressure main
- Existing FW sewer
- Class Z surround (& trench fill to underside of foundation where adjacent foundations)
- OB Outlet Box
- G Gully
- PS Penstock, manual operation to facilitate maintenance operations.



Plot 2 Proposed Site Surface Water Drainage Layout Sheet 3
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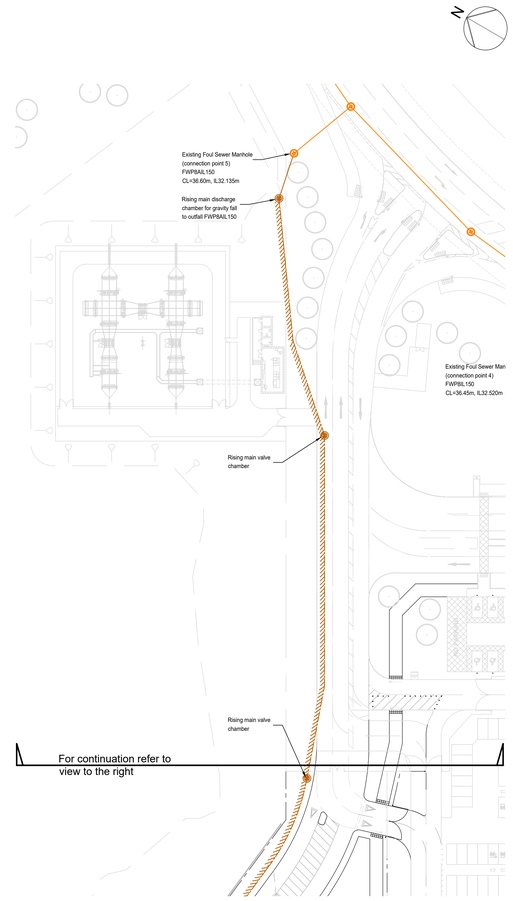

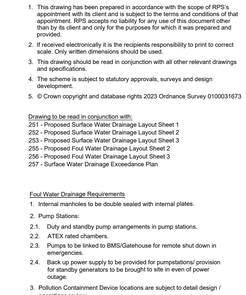

Key Plan
Scale: 1:7500

Rev	Description	By	Ckd	Date
P02	Planning Submission	LMA	MM	06/02/24

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Title: Proposed Site Foul Water Drainage Sheet 3

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: 256
Revision: P02
Project Code - Originator - Function - Space - Type - Role - Number
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