

**Project Name: Murton Way BESS**

**Report Name: Updated Site Layout Drainage Technical Note**

**Author: Alex Crossette**

**Checked/Approved by: Lucy Ginn/Simon Jacques**

**Date: 07/03/2025**

**Project number: P23-1507**

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## **Introduction**

This technical note has been prepared to accompany the appeal submission documents for the proposed Battery Energy Storage System on Land at Murton Way, York, YO19 5UN. The planning application for the proposed BESS (ref: 23/O2O3O/FULM) was refused planning permission on 9<sup>th</sup> December 2024. Refusal was generally attributed to concerns surrounding Green Belt development, landscape character, fire safety and loss of agricultural land. During the appeal work, the proposed site layout was amended compared to that included in the original planning submission. The new layout included some minor tweaks to the spacing of the containers within the existing compound. The containers have been moved approximately 0.5m in order to achieve 3m spacing.

A Flood Risk Assessment and surface water drainage strategy was prepared by Pegasus Group to accompany the planning application (revision F dated 01/07/2024). As detailed above, following submission of the planning application and the subsequent refusal, the proposed site layout has been amended. This technical note provides an assessment of the suitability of the previously submitted surface water drainage strategy in the context of the revised site layout.

## **Assessment of Surface Water Drainage Strategy Suitability**

The previously submitted surface water drainage strategy has been reviewed against the revised site layout and there are no drainage updates considered necessary at this stage. An updated surface water drainage strategy that simply includes the new site layout is enclosed at the end of this document. No drainage changes have been made to this plan.

It is noted that following the layout changes that have moved containers approximately 0.5m, that the proposed pipes are now off centre between proposed containers. In some instances, the centre of the 150Ø pipes are now located approximately 475mm away from a container. Although this is a small gap, this leaves sufficient room for the pipe and associated bedding and protection surround.

The proposed surface water drainage strategy will also be subject to detailed design prior to construction. It is expected at this stage, that pipes will be re-located centrally between containers for improved buildability and maintenance.

## **Summary**

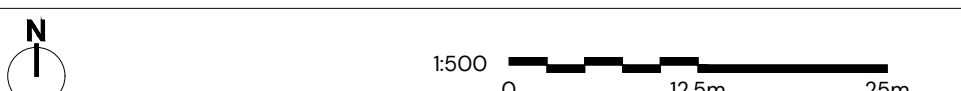
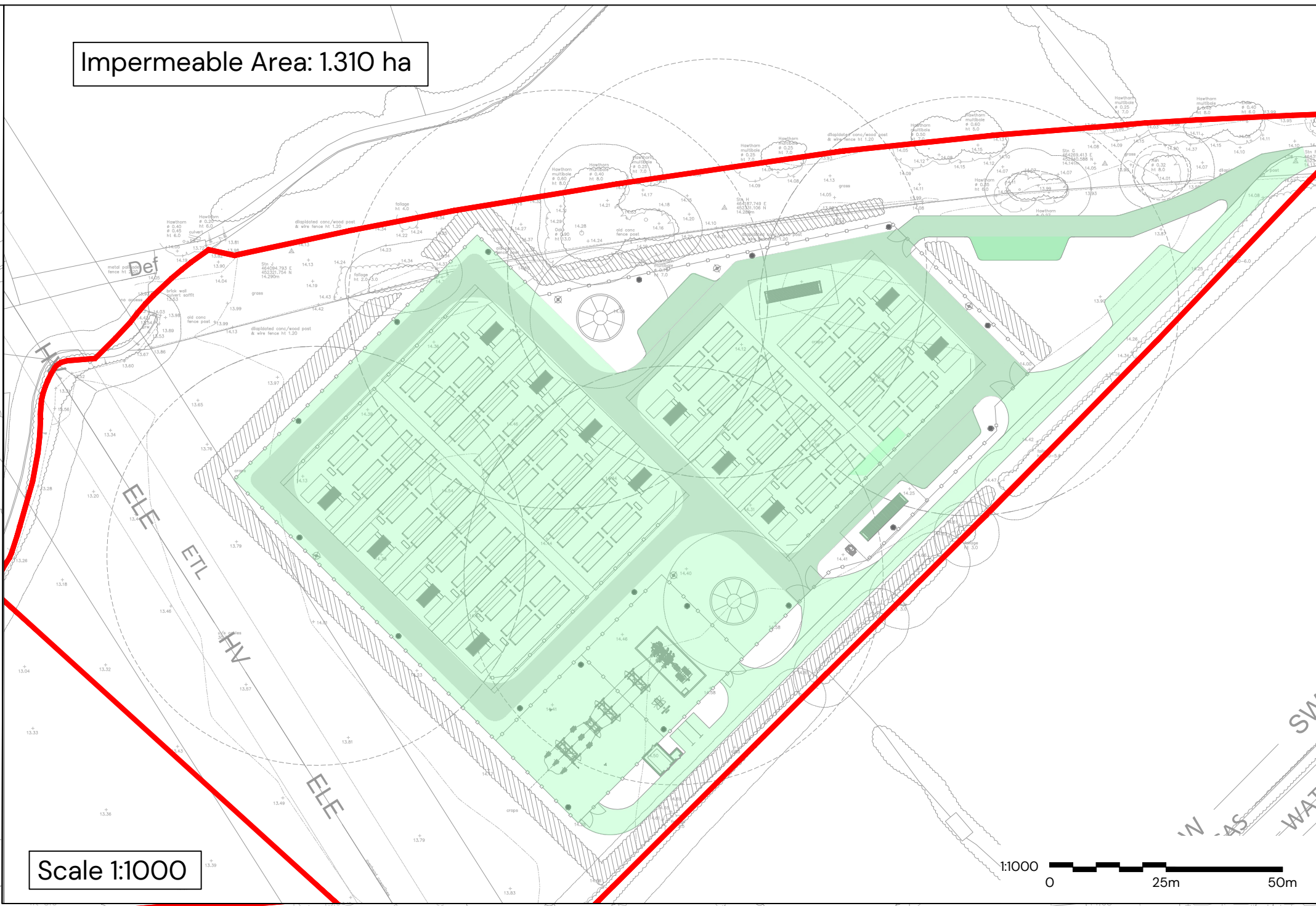
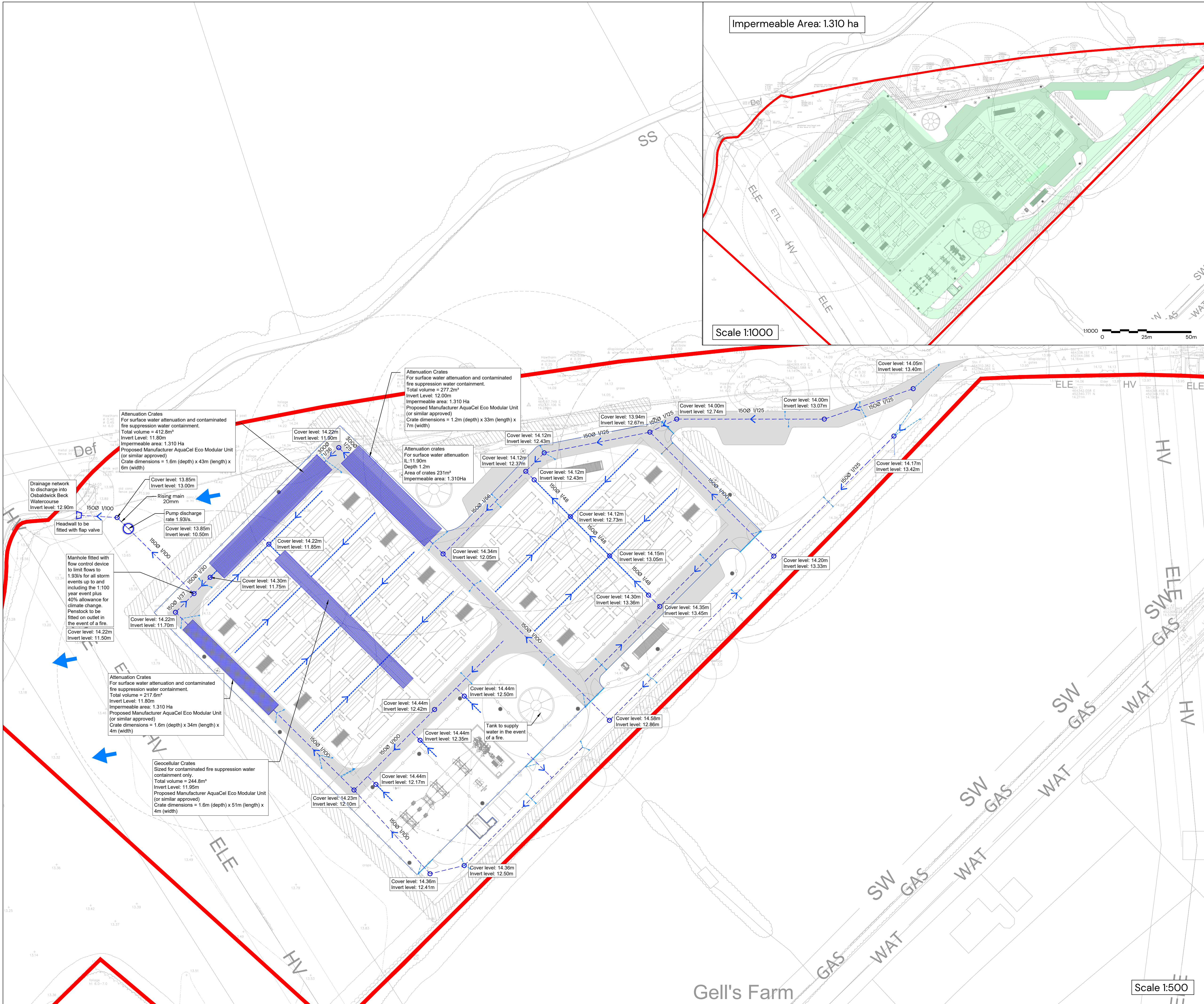
It is not considered necessary at this stage to update the proposed surface water drainage strategy to reflect the revised site layout plan.

## **Enclosures**

Surface Water Drainage Strategy Discharge to Watercourse



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Note:

Site Layout was undertaken by CADmando  
(drawing number: FST007-PL-01; date: March 2024, rev 07)

A site specific topographical survey was undertaken by Althony Brookes Surveys Ltd  
(drawing number: 661/12889/1; date: June 2023)

Although the greenfield runoff rate stands at 1.93 liters per second, thus the Hydrobrake will be equipped with a discharge rate of 1.93 litre per second.

No ground level changes are proposed as part of the development.

Key:

- Attenuation Crates
- Sewer Pipe
- Perforated Collector Pipe
- Manhole
- Headwall
- Overland flood routes
- Yard Gully
- ACO Drain

P3	07.03.2025	Minor layout changes.	AC	LG	SAJ
P2	25.03.2024	Updated following LPA comments.	DK	LG	SAJ
P1	20.03.2024	First Issue	DK	LG	SAJ
REV	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED

## Drainage Strategy Drawing Discharge to Watercourse

Murton Way BESS

CLIENT:  
Net Zero Fourteen Limited

DATE:  
07.03.2025

SCALE:  
As noted

DRAWN BY: AC  
CHECKED BY: LG  
APPROVED BY: SAJ

DRAWING NUMBER:  
P23-1507 - PEG - XX - XX - DR - C - 0110 - P3

PG OFFICE / TEAM:  
IN

PEGASUS REF No:  
P23-1507

DRAWING STATUS  
SO

PEGASUS  
GROUP