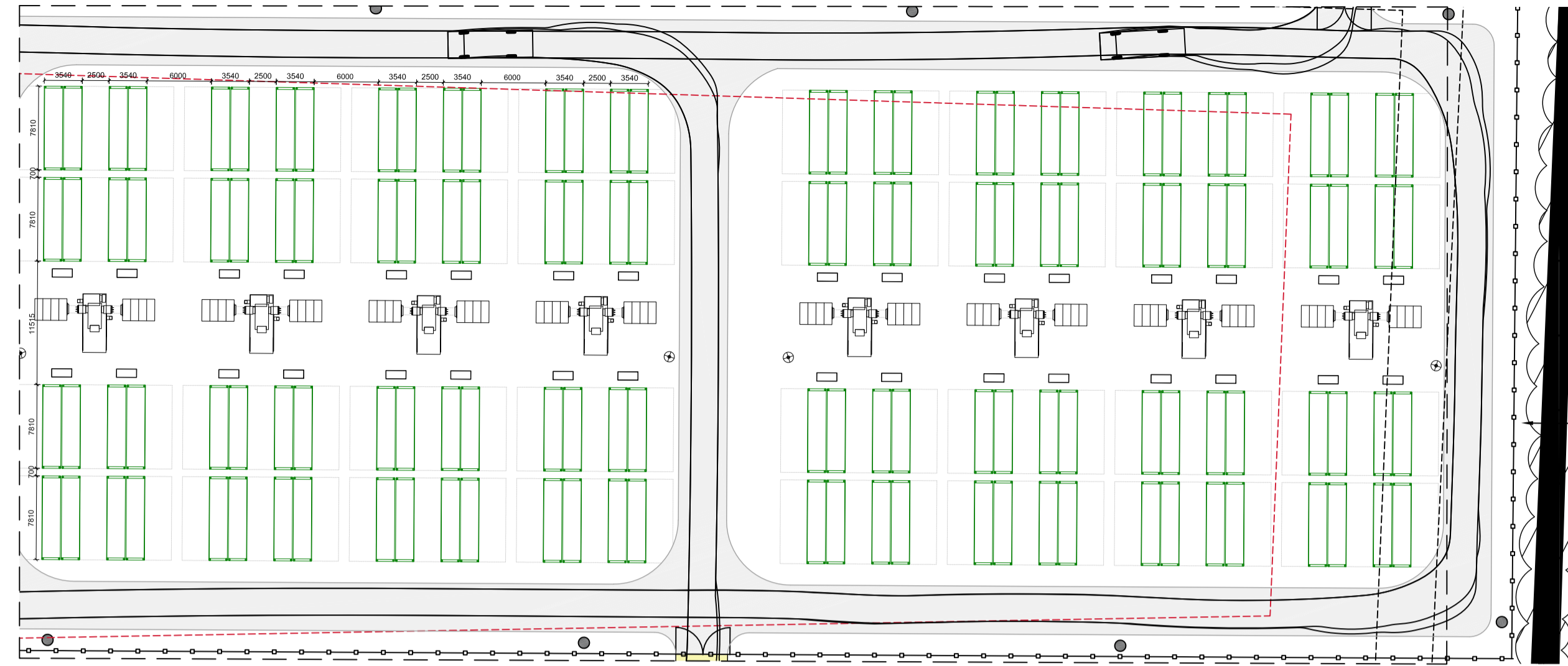


Batter Energy Storage Site Design Guidance for FRS Checklist

Ref Number	Guidance Description for Battery Energy Storage Design	Complies	Notes
N/A	Confirmation that the Battery Storage System will comply to UL 9540A	Yes	Refer to supplementary supplier documentation for compliance and manufacture specific fire control systems
1	Secondary access / exit point for emergency vehicles has been provided giving consideration to varying wind conditions	Yes	Refer to Plan
2	Provision of localised water hydrants	Yes	Water hydrants placed alongside BESS units throughout the site
3	Passing places to be provided on access route suitable for fire service vehicles	Yes	2 provided along the access route
4	6m spacing advised between Battery Storage	Yes	We have created 8MW clusters of BESS with 6m separation between.
5	Battery Storage to be offset from site boundary by 25m	No	As indicated in the plan, a small portion of the BESS site is positioned within 25m of the boundary.
6	Battery Storage not be placed within 10m of any combustible vegetation.	Yes	Refer to Plan
9	Internal access must be suitable for the Fire Rescue Emergency vehicles.	Yes	See swept path analysis

SPRING LANE BATTERY ENERGY STORAGE PARK HAS BEEN DESIGNED IN CLOSE ACCORDANCE WITH THE RECOMMENDATIONS SET OUT BY THE FIRE CHIEF COUNCIL AND IN PARTICULAR WITH REFERENCE TO THE DOCUMENT 'GRID SCALE BATTERY ENERGY STORAGE SYSTEM PLANNING - GUIDANCE FOR FRS' THE PURPOSE OF THIS PLAN IS TO DEMONSTRATE THE CONSIDERATIONS AND COMPLIANCE OF THE DESIGN WITH THIS GUIDANCE.

THIS PLAN TO BE READ IN CONJUNCTION WITH THE PROPOSED SITE LAYOUT PLAN REF: GRE001-PL-01



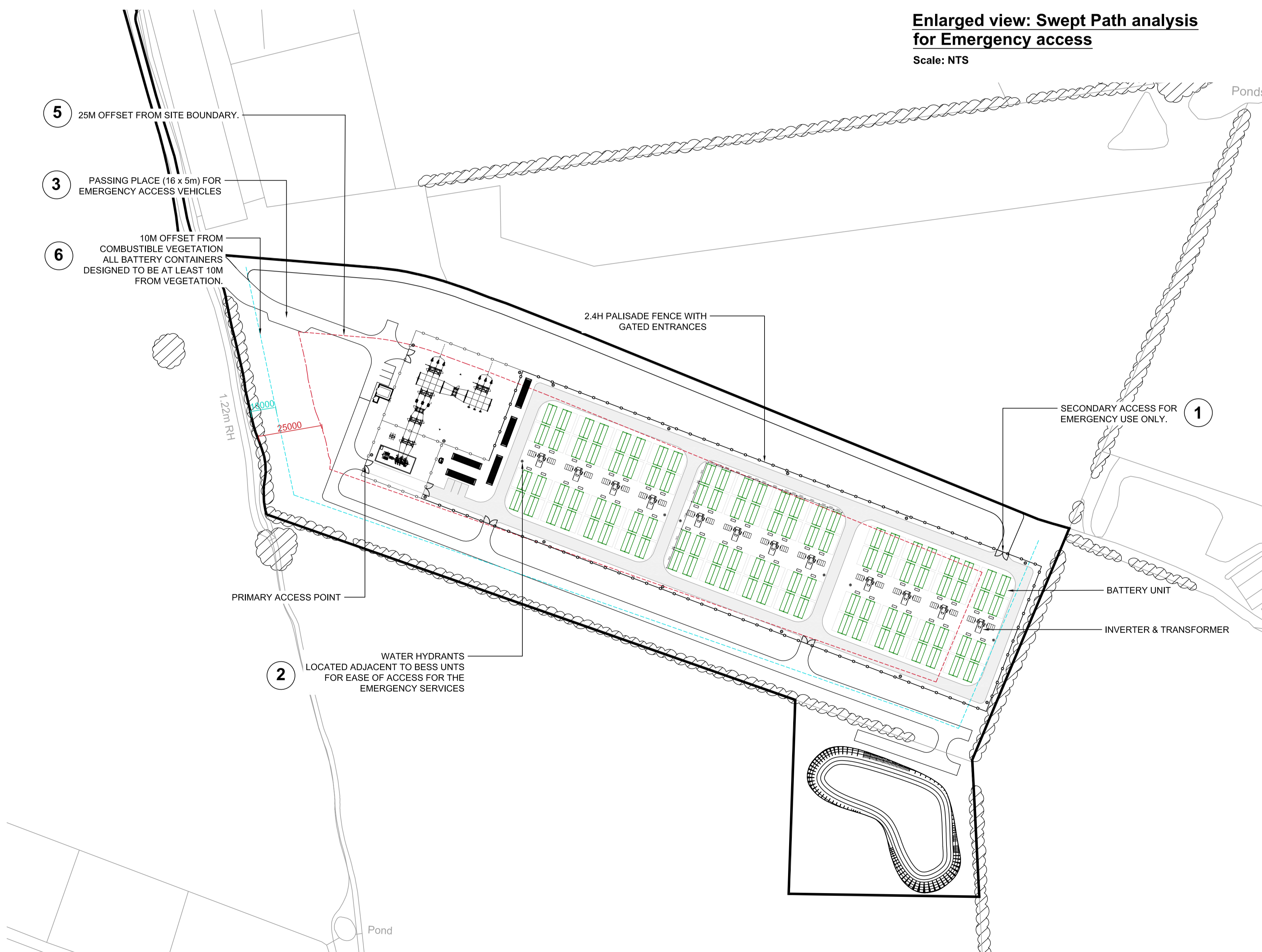
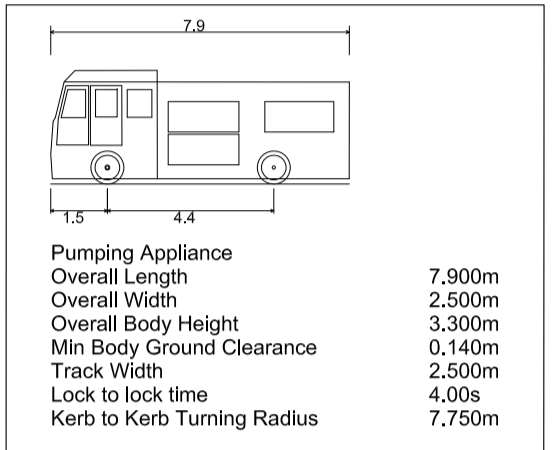
Enlarged view: Swept Path analysis for Emergency access

Scale: NTS

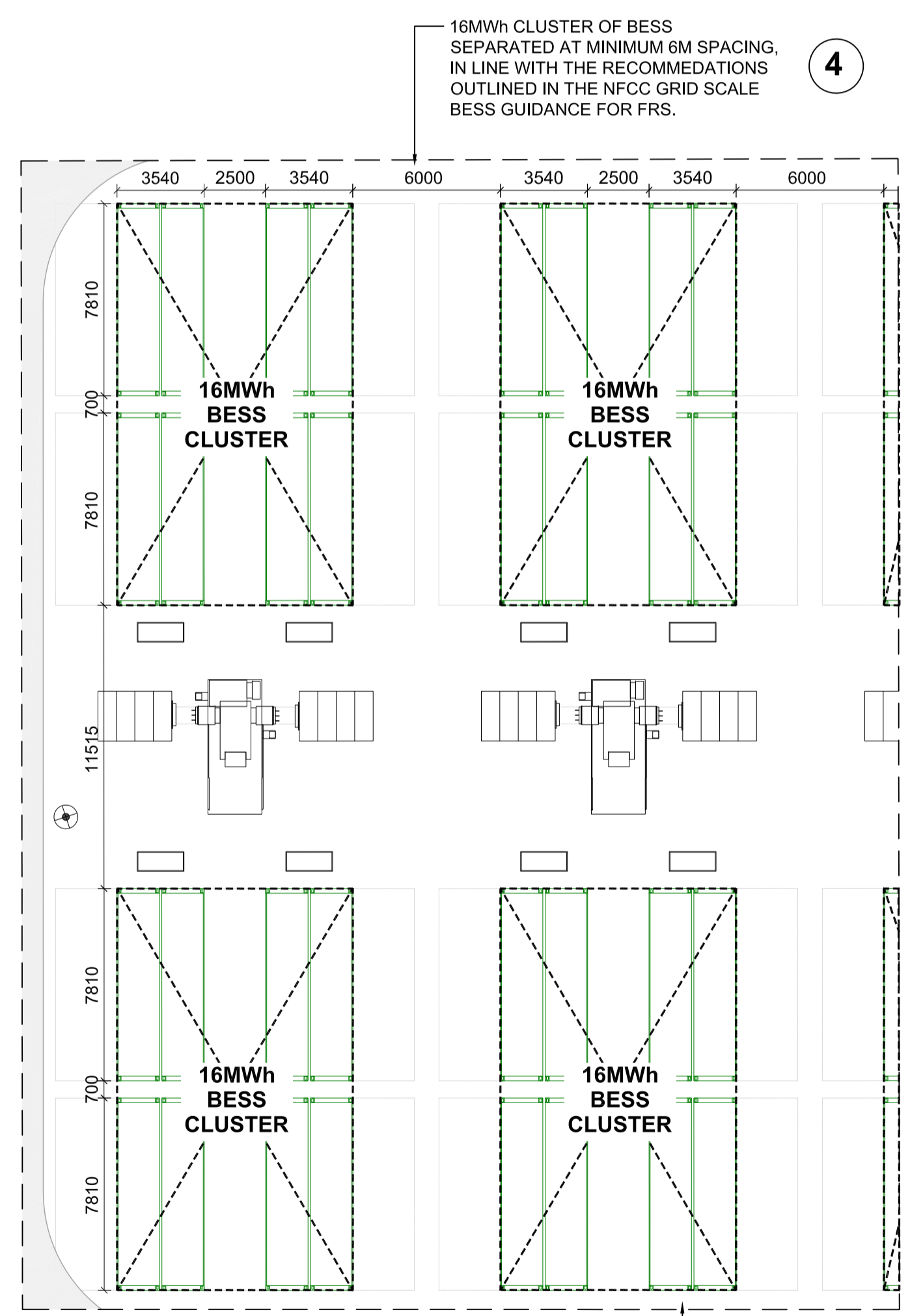
Revisions:

Revision	Date	Revision Notes	Drawn	Inspected
01	15.02.24	First Issue	OB	MC
02	20.02.24	Revised Site	OB	MC
03	05.03.24	Access track changes	OB	MC
04	12.03.24	Amendments	OB	MC
05	14.03.24	Amendments	OB	MC

ACCESS AND TRACKS DESIGNED FOR FIRE RESCUE SERVICE. SWEEP PATH ANALYSIS CONDUCTED USING THE FOLLOWING VEHICLE SPEC:

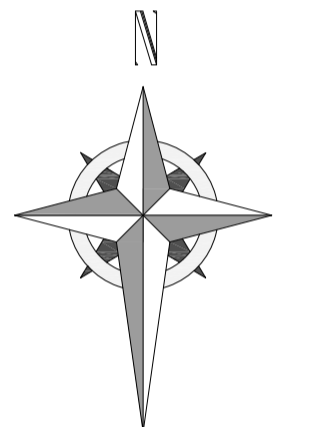


Fire Strategy Plan
Scale 1:1000



Enlarged view: Battery Storage Spacing
Scale: 1:200

BATTERY CABINETS CONFIGURED INTO 16MWh CLUSTERS COMPRISING 8No. INDIVIDUAL BESS CONTAINERS



Project: **Spring Lane BESS Nottingham NG4 4PF**

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Status: **FOR PLANNING**

Drawing Title: **Spring Lane BESS Fire Strategy Plan**

Drawn: OB	Checked: JC	First Issued: 15.02.2024
Project Code: GRE001	Drawing Number: FS-01	
Sheet Size: A1	Scale: A:N	Revision: 05

