

HERBATA DATA CENTRE, NAAS

EIAR
VOLUME III DESIGN DRAWINGS AND FIGURES



© Copyright RPS Group Limited. All rights reserved.

The report has been prepared for the exclusive use of our client and unless otherwise agreed in writing by RPS Group Limited no other party may use, make use of or rely on the contents of this report.

The report has been compiled using the resources agreed with the client and in accordance with the scope of work agreed with the client. No liability is accepted by RPS Group Limited for any use of this report, other than the purpose for which it was prepared.

RPS Group Limited accepts no responsibility for any documents or information supplied to RPS Group Limited by others and no legal liability arising from the use by others of opinions or data contained in this report. It is expressly stated that no independent verification of any documents or information supplied by others has been made.

RPS Group Limited has used reasonable skill, care and diligence in compiling this report and no warranty is provided as to the report's accuracy.

No part of this report may be copied or reproduced, by any means, without the written permission of RPS Group Limited.

Prepared by:

Prepared for:

RPS

Herbata Limited

Alastair McKinley
Associate - Planning & Environment

Elmwood House 74 Boucher Road, Belfast Co. Antrim BT12 6RZ

T +44 2890 667 914

E alastair.mckinley@rpsgroup.com

EIAR VOLUME III DESIGN DRAWINGS AND FIGURES

CONTENTS

DESIGN DRAWINGS

| Ref. | Drawing Number | Drawing Title |
|-------------------|---------------------------|--|
| 1. | 22217-RKD-ZZ-ZZ-SK-A-0012 | Proposed Site Context Plan – KCC and SID Boundary Comparison |
| 2. | 22217-RKD-ZZ-ZZ-DR-A-1000 | Site Location Map |
| 3. | 22217-RKD-ZZ-ZZ-DR-A-1001 | Overall Existing Site Plan |
| 4. | 22217-RKD-ZZ-ZZ-DR-A-1010 | Overall Proposed Site Plan |
| 5. | 22217-RKD-ZZ-ZZ-DR-A-1025 | Site Demolition Plan |
| 6. | 22217-RKD-ZZ-ZZ-DR-A-1030 | Site Phasing Plan |
| 7. | | Data Centre - Overall Ground Floor Plan Type A |
| 8. | | Data Centre - Overall Ground Floor Plan Type B |
| 9. | | Data Centre - Overall Ground Floor Plan Type C |
| 10. | | Data Centre - Overall First Floor Plan Type A |
| 11. | | Data Centre - Overall First Floor Plan Type B |
| 12. | | Data Centre - Overall First Floor Plan Type C |
| 13. | | Data Centre - Overall Roof Plan Type A |
| 14. | | Data Centre - Overall Roof Plan Type B |
| 15. | | Data Centre - Overall Roof Plan Type C |
| 16. | 22217-RKD-ZZ-ZZ-DR-A-1002 | |
| 17. | | Existing Site Sections - Sheet 2 |
| 18. | | Proposed Site Sections - Sheet 1 |
| 19. | | Proposed Site Sections - Sheet 2 |
| 20. | | Proposed Site Boundary Sections - Sheet 1 |
| 21. | | Proposed Site Boundary Sections - Sheet 2 |
| 22. | 22217-RKD-ZZ-ZZ-DR-A-1021 | Proposed Site Elevations - Sheet 1 |
| 23. | 22217-RKD-ZZ-ZZ-DR-A-1022 | Proposed Site Elevations - Sheet 2 |
| 24. | | Proposed CGIs |
| 25. | | Proposed Boundary And Fence Details |
| 26. | 22217-RKD-ZZ-ZZ-DR-A-1401 | Entrance Plans And Elevations |
| 27. | 2232-DOB-ZZ-ZZ-DR-C-0200 | Proposed Surface Water Drainage - Overall |
| 28. | 2232-DOB-ZZ-ZZ-DR-C-0220 | Proposed R409 Road Surface Water Drainage Layout |
| 29. | 2232-DOB-ZZ-ZZ-DR-C-0260 | SUDS DETAILS-Masterplan |
| 30. | 2232-DOB-ZZ-ZZ-DR-C-0300 | Proposed Foul Water Drainage - Overall |
| 31. | 2232-DOB-ZZ-ZZ-DR-C-1600 | Proposed R409 Road Realignment |
| 32. | 2232-DOB-ZZ-ZZ-DR-C-1700 | Proposed Culvert Details at M7 Business Park Access |
| 33. | 2232-DOB-ZZ-ZZ-DR-C-1800 | Proposed Foul Rising Main Stream Crossing |
| 34. | 22217-RKD-ZZ-ZZ-DR-A-1050 | Site Location Map |
| 35. | | Existing Site Context Plan |
| 36. | 22217-RKD-ZZ-ZZ-DR-A-1055 | |
| 37. | | Existing Substation Compound Layout |
| 38. | <u> </u> | Proposed Substation Compound Layout |
| 39. | | Proposed Substation Compound Elevations |
| 40. | 22217-RKD-ZZ-ZZ-DR-A-1069 | Proposed ESB Substation - Elevations (Sheet 1 of 2) |
| 41. | 22217-RKD-ZZ-ZZ-DR-A-1070 | Proposed ESB Substation - Elevations (Sheet 2 of 2) |
| 42. | 2232-DOB-ZZ-ZZ-DR-C-1001 | Proposed Typical Drainage Details SID Area |
| 43. | 2232-DOB-ZZ-ZZ-DR-C-0250 | Proposed Surface Water Drainage - SID Area |
| 44. | 2232-DOB-ZZ-ZZ-DR-C-0250 | Proposed Foul & Watermain Layout - SID Area |
| 45. | BSM-ZZ-ZZ-DR-L-0101 | Existing Tree Survey 01 of 04 |
| 46. | BSM-ZZ-ZZ-DR-L-0101 | Existing Tree Survey 01 01 04 Existing Tree Survey 02 of 04 |
| 47. | BSM-ZZ-ZZ-DR-L-0102 | Existing Tree Survey 03 of 04 |
| 48. | BSM-ZZ-ZZ-DR-L-0103 | Existing Tree Survey 03 of 04 Existing Tree Survey 04 of 04 |
| 49. | BSM-ZZ-ZZ-DR-L-0104 | Landscape Masterplan |
| <u>49.</u> 50. | BSM-ZZ-ZZ-DR-L-0301 | Landscape Boundary Treatment |
| <u>ე</u> ე. | DOM-77-77-DV-F-0911 | Lanuscape boundary Treatment |

REPORT

| 51. | BSM-ZZ-ZZ-DR-L-0302 | Proposed Substation Landscape Plan |
|-----|------------------------------------|---|
| 52. | BSM-ZZ-ZZ-DR-L-0401 | Landscape Sections 01 of 02 |
| 53. | BSM-ZZ-ZZ-DR-L-0402 | Landscape Sections 02 of 02 |
| 54. | BSM-ZZ-ZZ-DR-L-0405 | Landscape Elevations 01 of 02 |
| 55. | BSM-ZZ-ZZ-DR-L-0406 | Landscape Elevations 02 of 02 |
| 56. | 10360452-HDR-XX-XX-DR-C- 112250 | Campus Road Layout |
| 57. | 10360452-HDR-ZZ-02-DR-E- 602003 | Solar PV Layout |
| 58. | 22217-Rkd-Zz-Zz-Dr-A-1402- | Bicycle Shelter, Smoking Shelter and Bat Houses Details |

FIGURES

| Chapter | Figure Title |
|---------|--|
| 5 | Figure 5.1 Biodiversity Study Area |
| | Figure 5.2 Designated Sites |
| | Figure 5.3 Phase 1 Habitat Survey |
| | Figure 5.4 Protected Species |
| 9 | Figure 9.1 Noise Monitoring Locations and Noise-Sensitive Receptors |
| | Figure 9.2 Operational Noise Contour Worst Case Daytime |
| | Figure 9.3 Operational Noise Contour Worst Case NightTime |
| 10 | Figure 10.1 Interpretative image showing results of geophysical surveys |
| | Figure 10.2 Recorded archaeological monuments within 1km of the Project site boundary |
| | Figure 10.3 Location of fulacht fia (KD019-028) and its Zone of Notification |
| | Figure 10.4 Excerpt from William Petty's map of Kildare, circa 1655 |
| | Figure 10.5 Excerpt from Hermann Moll's map of Offaly, Laois and Kildare, 1728 |
| | Figure 10.6 Excerpt from Alexander Taylor's A map of the County of Kildare, 1783 |
| | Figure 10.7 Extract from the first edition 6-inch OS map d |
| | Figure 10.8 Extract from the 25-inch OS map |
| | Figure 10.9 Extract from aerial imagery |
| | Figure 10.10 Extract from LiDAR |
| | Figure 10.11 RPS and NIAH sites |
| | Figure 10.12 Field numbers used as reference for site inspection |
| | Figure 10.13 Project design showing location of fulacht fia |
| | Figure 10.14 Close up of project design showing location of fulacht fia |
| | Figure 10.15 Project design showing location of the main features (enclosure) identified |
| | Figure 10.16 Close up of project design showing location of the enclosure identified |