

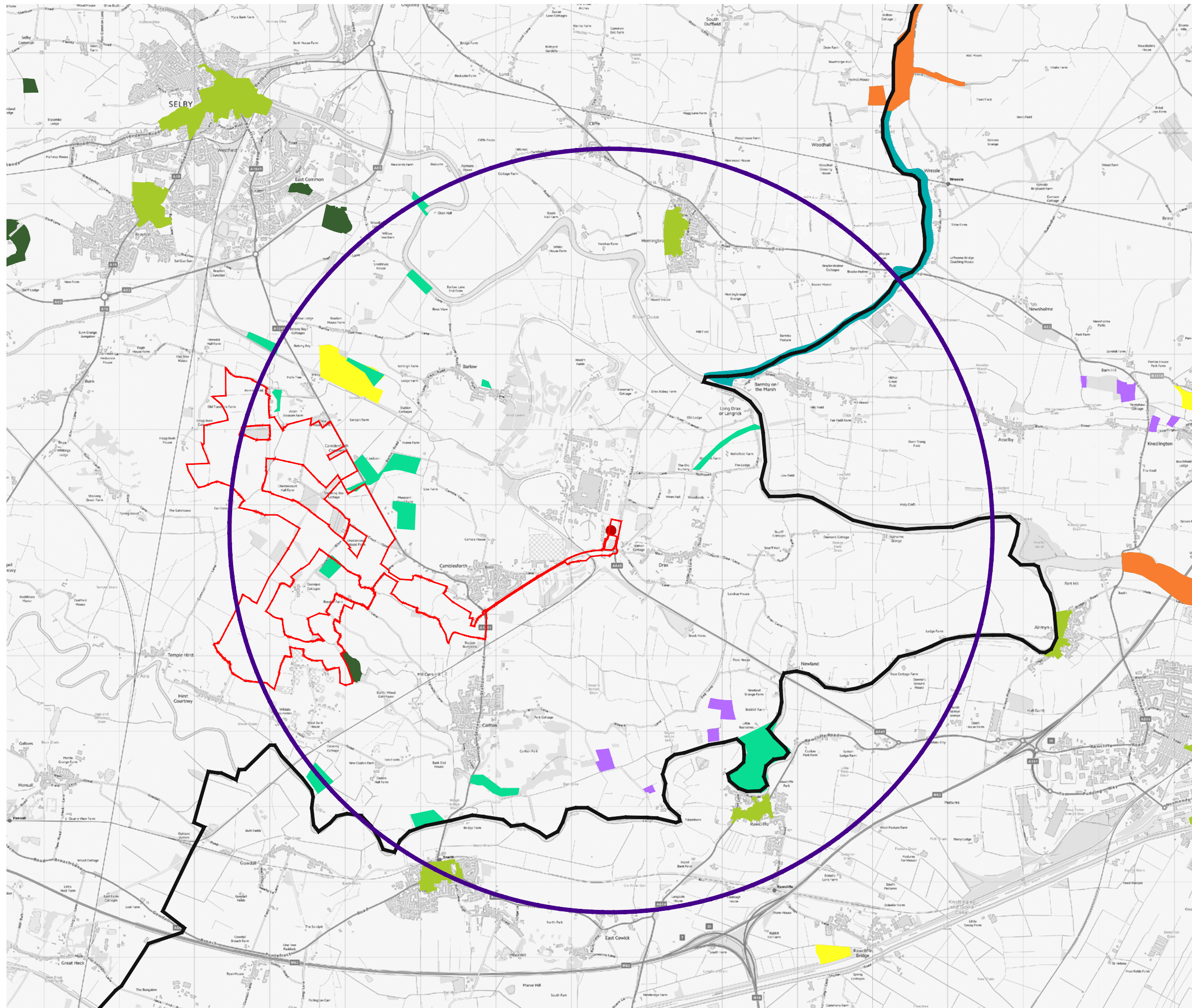


HELIOS RENEWABLE
ENERGY
PROJECT

Preliminary Environmental Information Report

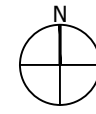
Volume 3: Technical Appendices

Appendix 4.1: Site Selection Mapping













The scaling of this drawing cannot be assured

Revision B Red Line Updated Date 27.09.23 Drn KT Ckd EH



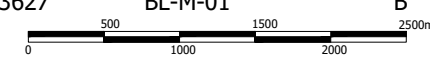
LEGEND

-  Site Location
-  Helios Red Line Boundary
-  5km Study Area
-  Selby District Boundary
-  Site of Importance for Nature Conservation
-  Special Area of Conservation
-  Special Protection Area
-  Local Nature Reserve
-  Site of Special Scientific Interest
-  Ancient Woodland

Project
Helios Renewable Hub

Drawing Title
Biodiversity Statutory Designations

Date 20.01.23	Scale 1:50,000@A3	Drawn by KT	Check by TE
Project No 33627	Drawing No BL-M-01	Revision B	



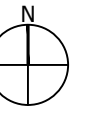

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











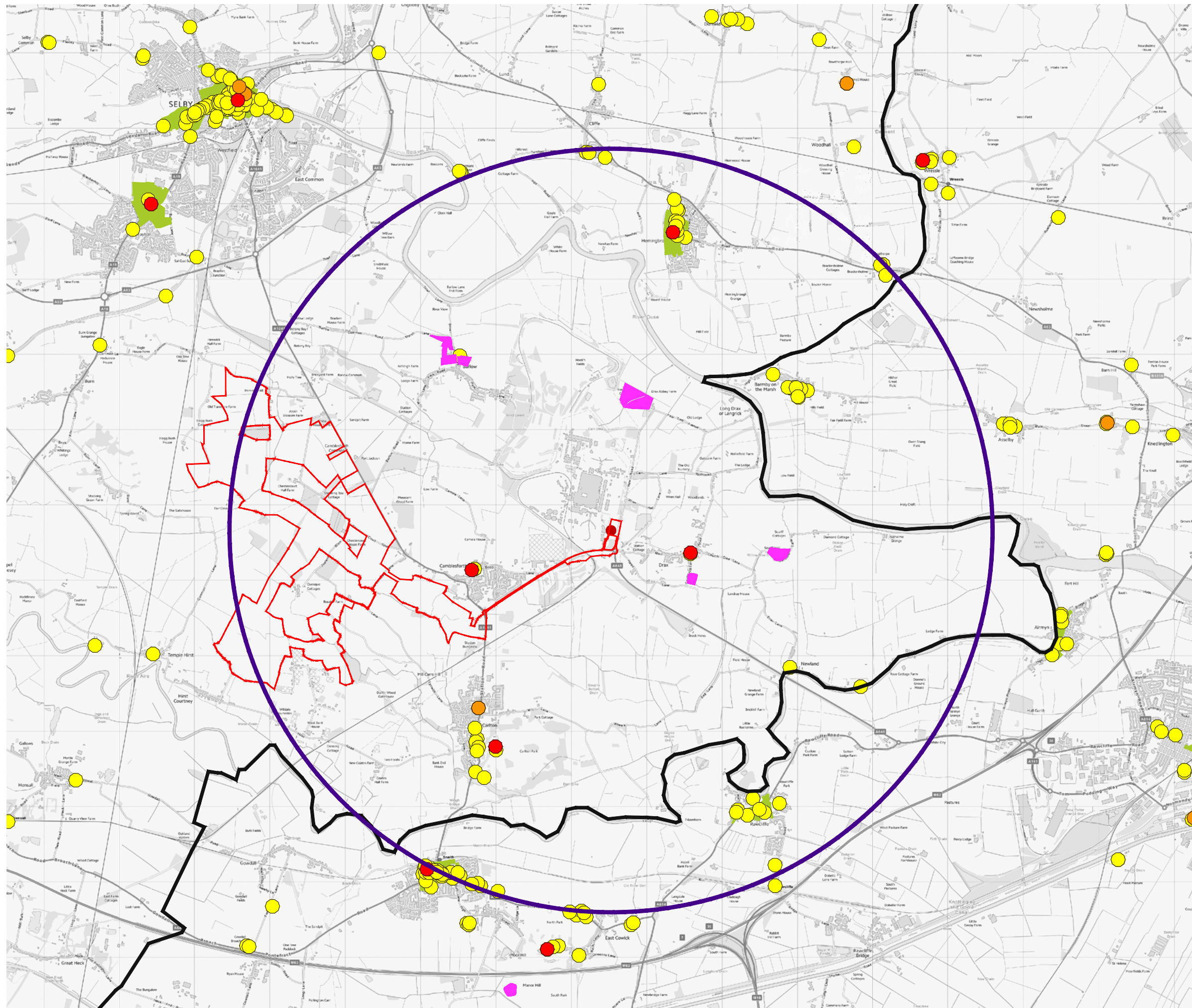
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Revision B Red Line Updated Date 27.09.23 Drn KT Ckd EH



LEGEND

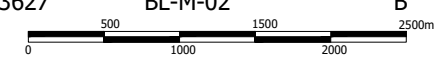
-  Site Location
-  Helios Red Line Boundary
-  5km Study Area
-  Selby District Boundary
-  Listed Building Grade I
-  Listed Building Grade II*
-  Listed Buildings Grade II
-  Scheduled Monuments
-  Conservation Areas
-  Registered Parks and Gardens



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Drawing Title
**Cultural Heritage
Statutory Designations**

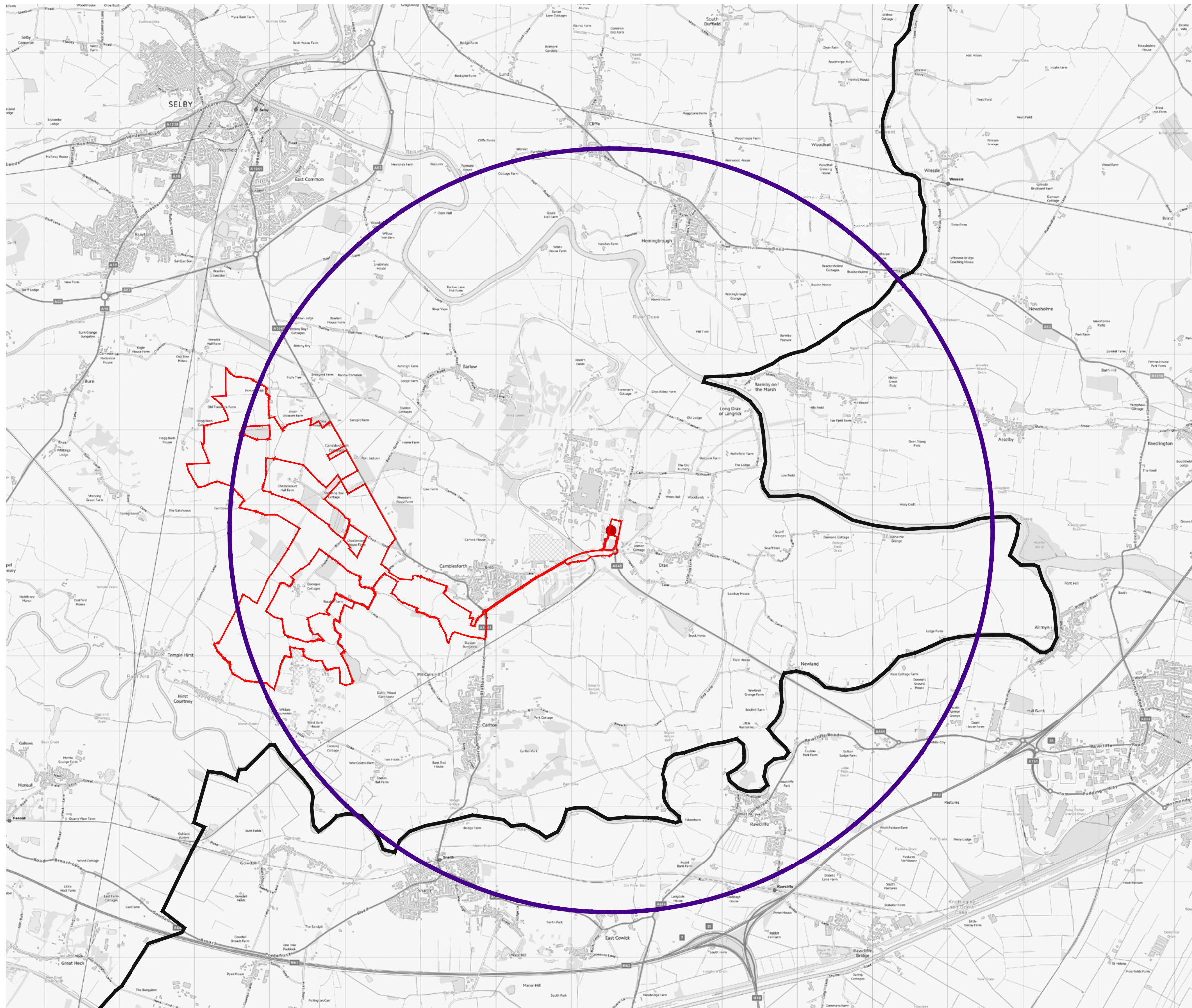
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20.01.23	1:50,000@A3	KT	TE
Project No	Drawing No	Revision	
33627	BL-M-02	B	



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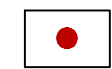
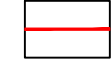




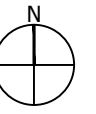
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Revision
B Red Line Updated

Date
27.09.23
Dm
KT
Ckd
EH

LEGEND

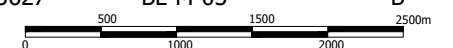
-  Site Location
-  Helios Red Line Boundary
-  5km Study Area
-  Selby District Boundary



Project
Helios Renewable Hub

Drawing Title
Landscape Statutory Designations

Date 20.01.23	Scale 1:50,000@A3	Drawn by KT	Check by TE
Project No 33627	Drawing No BL-M-03	Revision B	



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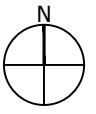


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




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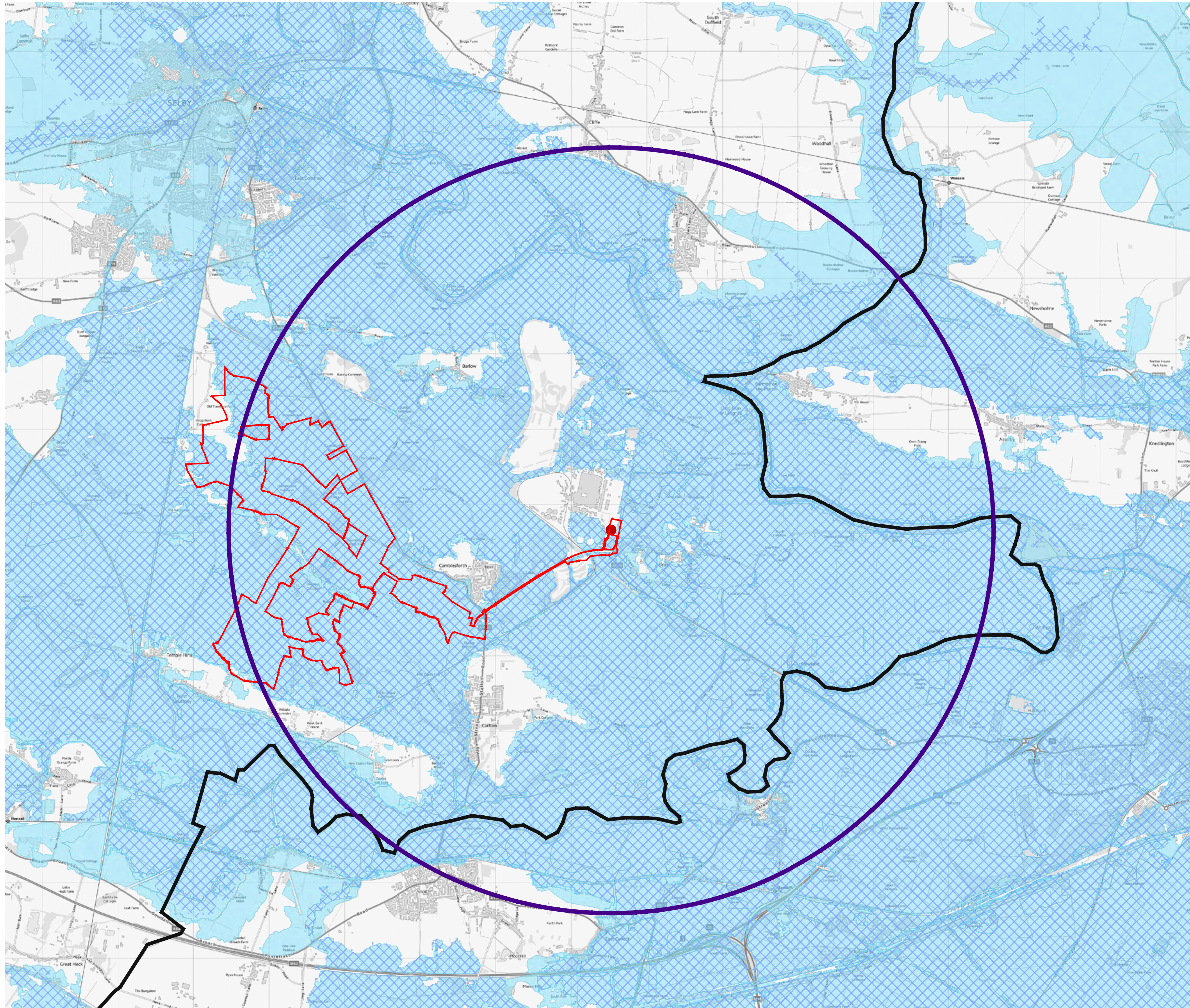
Revision
B Red Line Updated

Date
27.09.23
Dm
KT
Ckd
EH



LEGEND

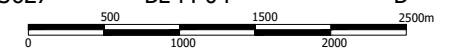
-  Site Location
-  Helios Red Line Boundary
-  5km Study Area
-  Selby District Boundary
-  Flood Zone 2
-  Flood Zone 3



Project
Helios Renewable Hub

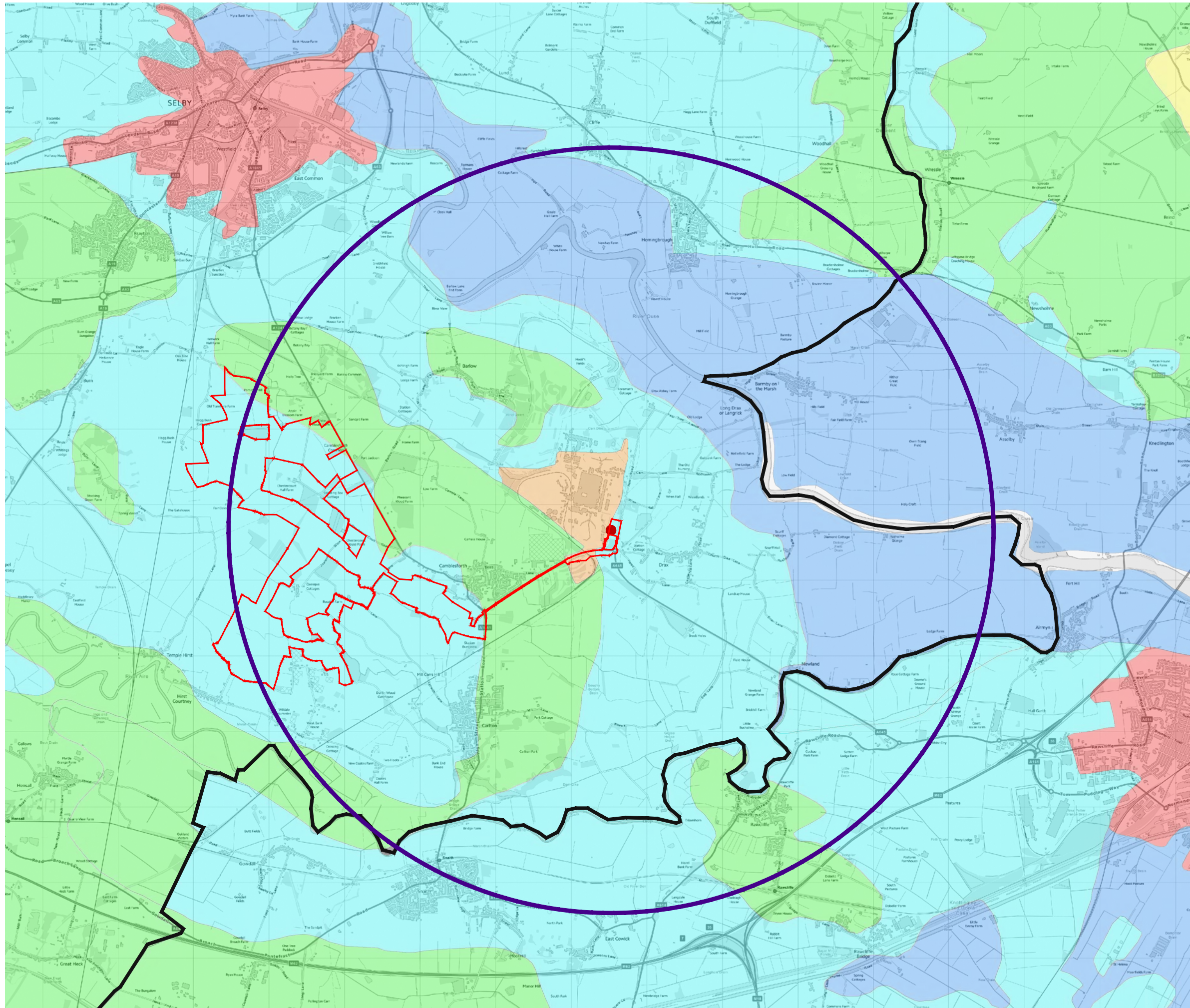
Drawing Title
Flood Map

Date 20.01.23	Scale 1:50,000@A3	Drawn by KT	Check by TE
Project No 33627	Drawing No BL-M-04	Revision B	



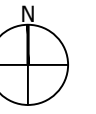
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




The scaling of this drawing cannot be assured

Revision B Red Line Updated Date 27.09.23 Dm KT Ckd EH



LEGEND

-  Site Location
-  Helios Red Line Boundary
-  5km Study Area
-  Selby District Boundary

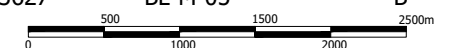
Grade	Description	Percentage
1	Excellent	28.63%
2	Very Good	50.15%
3	Good to Moderate	18.54%
4	Poor	0.00%

Other and primarily in non-agricultural use	Percentage
Other and primarily in non-agricultural use	1.81%
Land predominantly in urban use	0.00%
Watercourse	0.87%

Project
Helios Renewable Hub

Drawing Title
Agricultural Land Classification

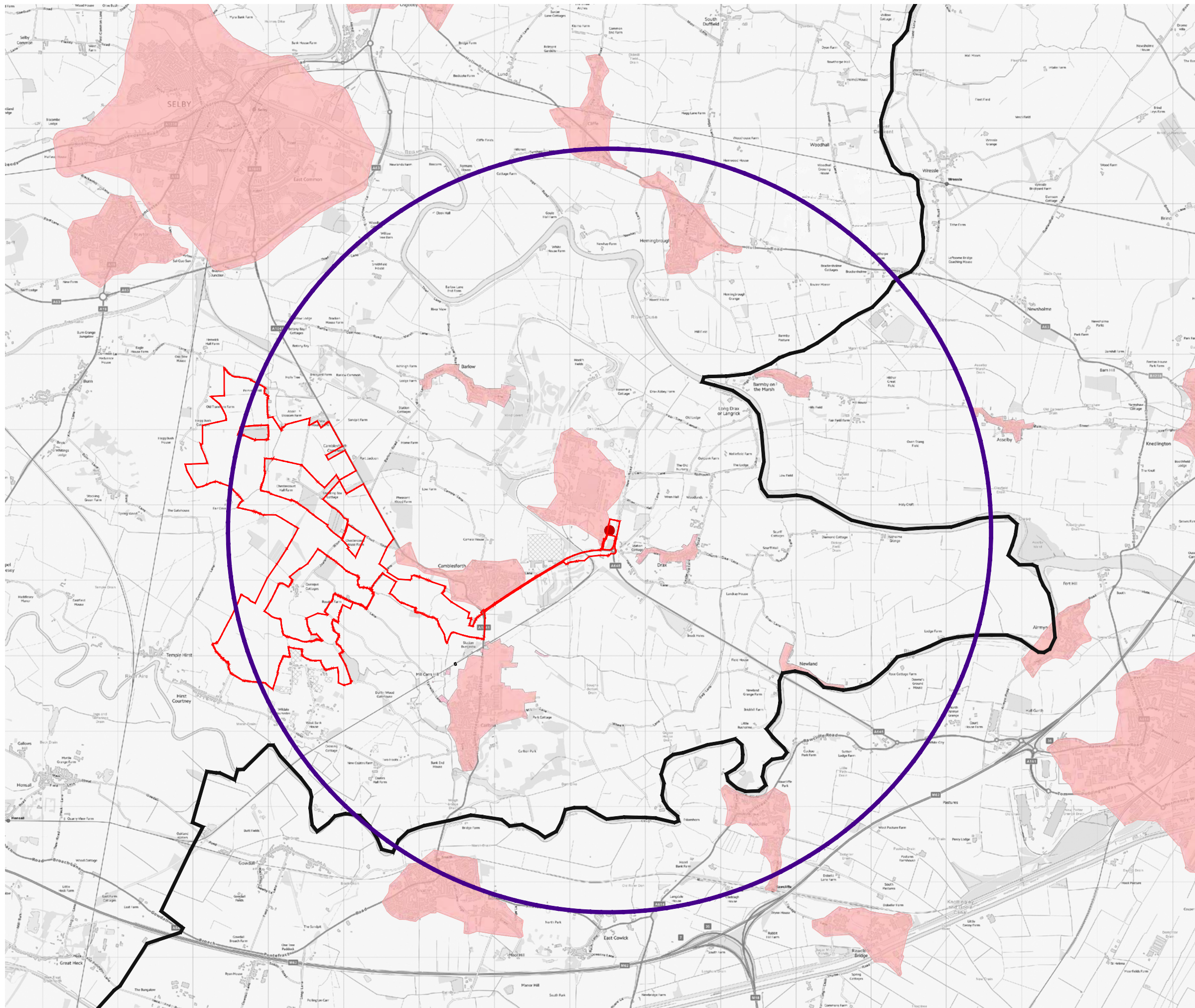
Date 20.01.23 Scale 1:50,000@A3 Drawn by KT Check by TE
 Project No 33627 Drawing No BL-M-05 Revision B



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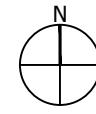
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Revision
B Red Line Updated






Date
27.09.23

Drn
KT

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EH



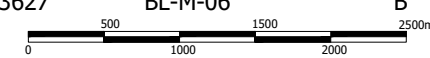
LEGEND

-  Site Location
-  Helios Red Line Boundary
-  5km Study Area
-  Selby District Boundary
-  Built Areas

Project
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Drawing Title
Built Area

Date 20.01.23	Scale 1:50,000@A3	Drawn by KT	Check by TE
Project No 33627	Drawing No BL-M-06	Revision B	



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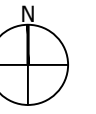
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Revision
B Red Line Updated

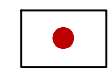
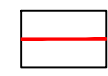

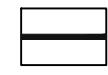
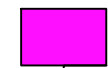
Date
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Drn
KT

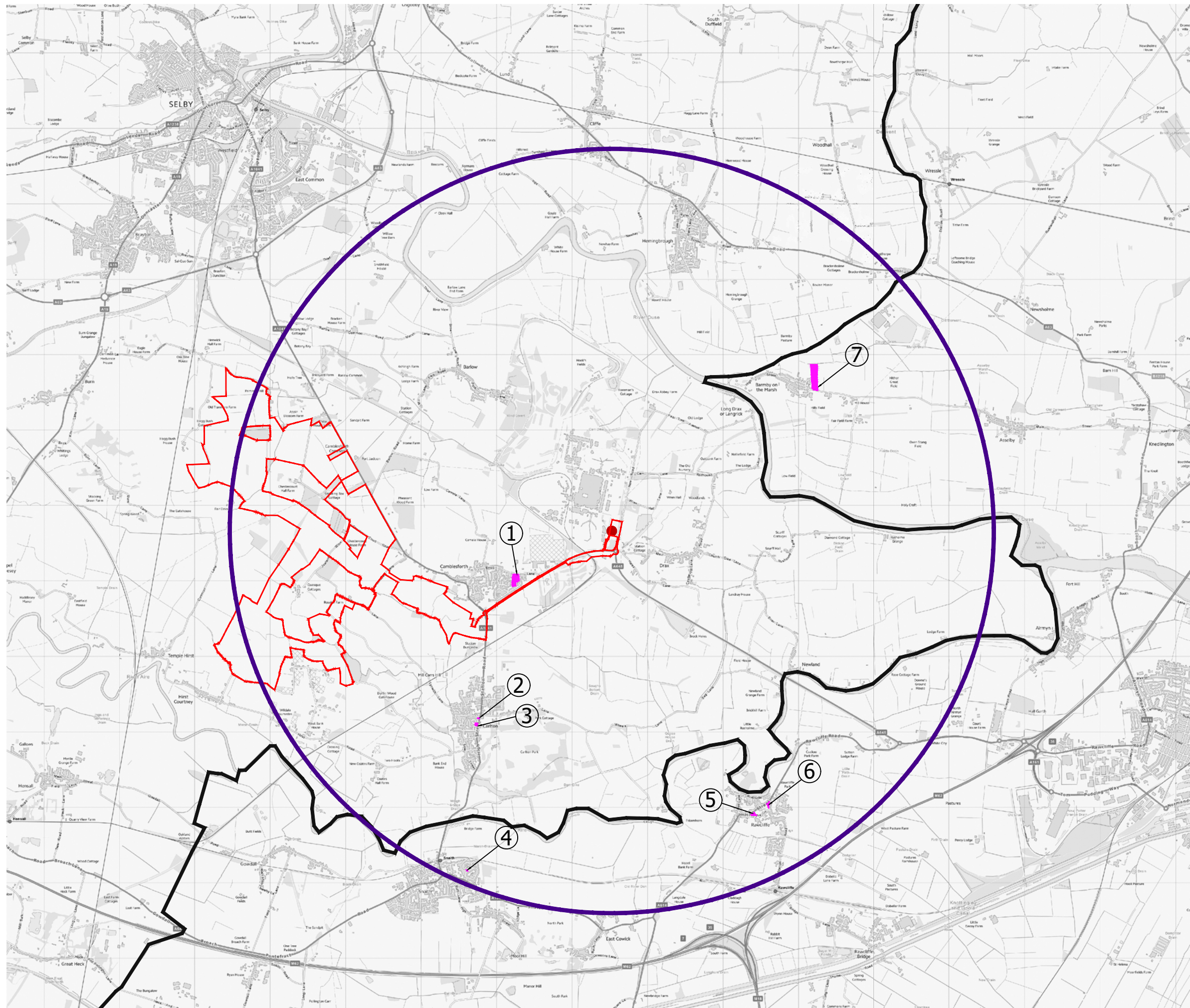
Ckd
EH



LEGEND

-  Site Location
-  Helios Red Line Boundary
-  5km Study Area
-  Selby District Boundary
-  Brownfield Sites

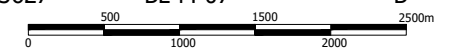
- ① 1.26ha
- ② 0.03ha
- ③ 0.13ha
- ④ 0.04ha
- ⑤ 0.20ha
- ⑥ 0.14ha
- ⑦ 2.96ha



Project
Helios Renewable Hub

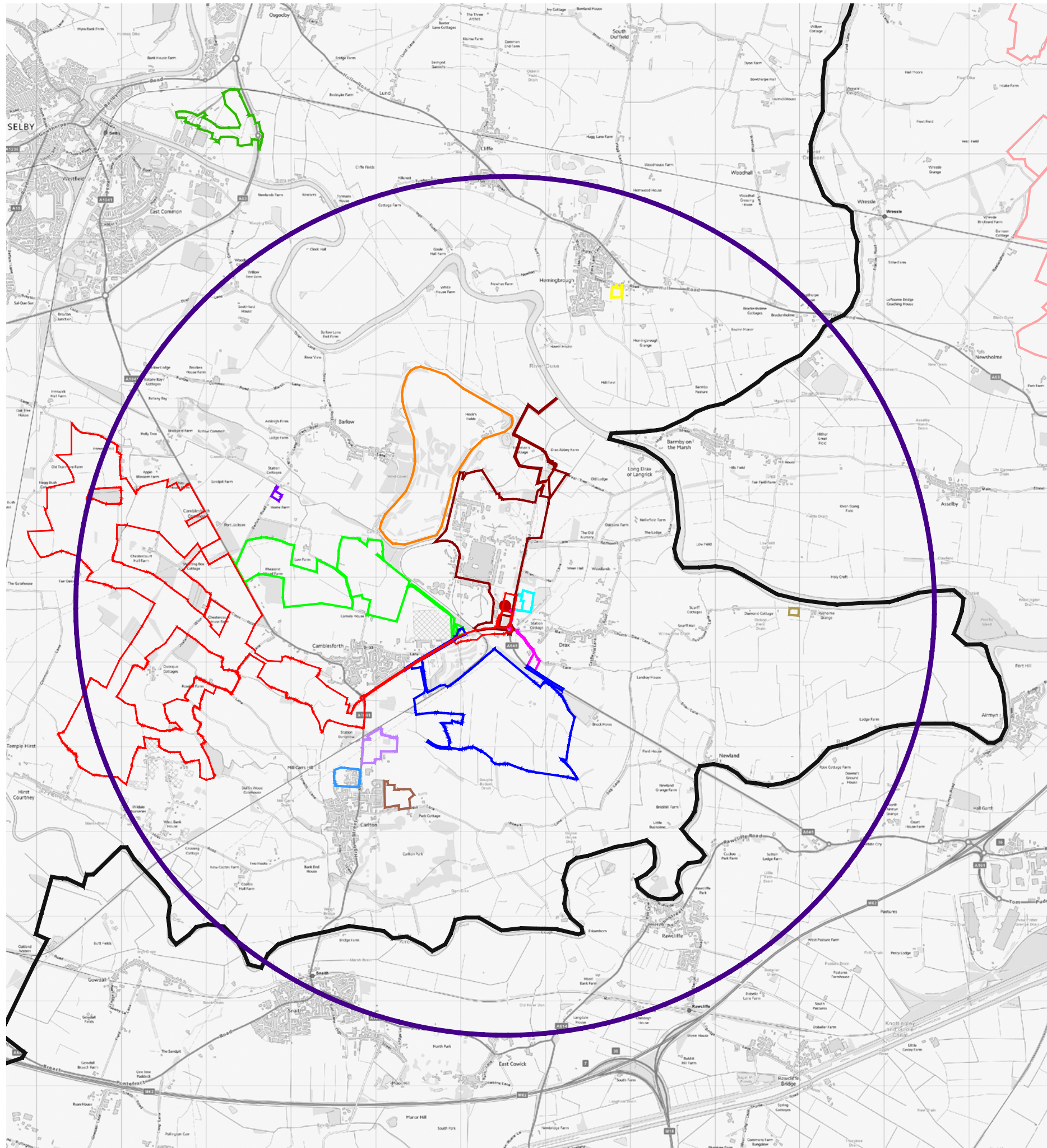
Drawing Title
Brownfield Sites

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Project No 33627	Drawing No BL-M-07	Revision B	















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







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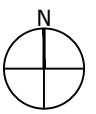
-  **Site Location**
-  **Helios Red Line Boundary**
-  **5km Study Area**
-  **Selby District Boundary**
-  **Ref: EN010120**
Description: Drax Power Limited proposes to install post-combustion capture technology that would capture carbon dioxide emissions from up to two of the existing biomass units at Drax Power Station. The proposal includes the construction and operation of carbon capture technology and associated equipment, and the integration of the units into the existing Common Services at Drax Power Station. The proposal includes associated development.
Site Address: Drax Power Station, New Rd, Drax, Selby YO8 8PH
-  **Ref: 2022/0107/NYSCO**
Description: Barlow Ash Mound, North West of Drax Power Station
Site Address: Barlow Ash Mound, Park Ln, Barlow, Selby YO8 8JW
-  **Ref: EN010143**
Description: The Scheme comprises the installation of solar photovoltaic (PV) generating panels, associated electrical equipment, cabling and on-site energy storage facilities together with grid connection infrastructure. The point of connection will be at Drax Substation, situated approximately 6.2km to the south-west of the PV site. The generating capacity of the Scheme will exceed 50MW and its maximum capacity is anticipated to be 400MW.
Site Address: East Yorkshire Farm Solar DCO
-  **Ref: 2021/1154/FUL**
Description: Erection of 50MW battery energy storage system and associated external works
Site Address: Home Farm, Barlow Road
-  **Ref: 2021/0788/EIA**
Description: Development of a ground mounted solar farm including associated infrastructure
Site Address: Land North and South of Camela Lane, Camblesforth, Selby, North Yorkshire
-  **Ref: 2021/1089/FULM**
Description: Development of a battery storage facility, associated infrastructure, access and grid connection
Site Address: Land Off Hales Lane, Drax, Selby, North Yorkshire
-  **Ref: 2020/1357/FULM**
Description: Development of an energy storage facility including battery storage containers; substations; power conversion systems; transformers and associated switchgear; HVAC equipment; communications and grid compliance equipment; temporary construction compound; CCTV; fencing; infrared lighting; access, drainage and landscaping works and associated development
Site Address: Land Off New Road, Drax, Selby, North Yorkshire
-  **Ref: 2019/1027/EIA**
Description: Proposed site preparation and construction of an access road to facilitate the wider Olympia Park development site with associated development and infrastructure
Site Address: Olympia Park, Barby Road, Barby

The scaling of this drawing cannot be assured
Revision B Red Line Updated Date 27.09.23 Drn KT Ckd EH

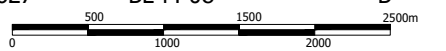
-  **Ref: 2021/0601/FUL**
Description: Construction of battery energy storage system to provide energy balancing services to the National Grid, including bund and landscaping
Site Address: Rusholme Grange Rusholme Lane Newland Selby North Yorkshire YO8 8PW
-  **Ref: 2022/10054/SCN**
Description: EIA screening opinion for a proposed development of a ground mounted solar farm and associated infrastructure
Site Address: Land South of A645, Wade House Lane, Drax
-  **Ref: 2019/0458**
Description: Outline application including access (all other matters reserved) for residential development for up to 40no custom built dwellings
Site Address: Land of School Road, Hemingbrough
-  **Ref: 2022/0738/OUTM**
Description: Outline planning application for the erection of up to 190 dwellings (Use Class C3) formal and informal open space, landscaping, works and means of access (all other matters reserved).
Site Address: Land North of Holy Family School, Station Road, Carlton
-  **Ref: 2022/0399/OUTM**
Description: Outline planning application for the erection of up to 190 dwellings (Use Class C3) formal and informal open space, landscaping, works and means of access (all other matters reserved).
Site Address: Land North of Holy Family School, Station Road, Carlton
-  **Ref: 2018/0871/REMM**
Description: Reserved matters application relating to access, appearance, landscaping, layout and scale of approval 2014/1129/OUT Outline application with all matters reserved for a development of up to 66 no. dwellings, together with associated infrastructure and open space provision (Phase 2) on land west.
Site Address: Street Record Station Road, Carlton

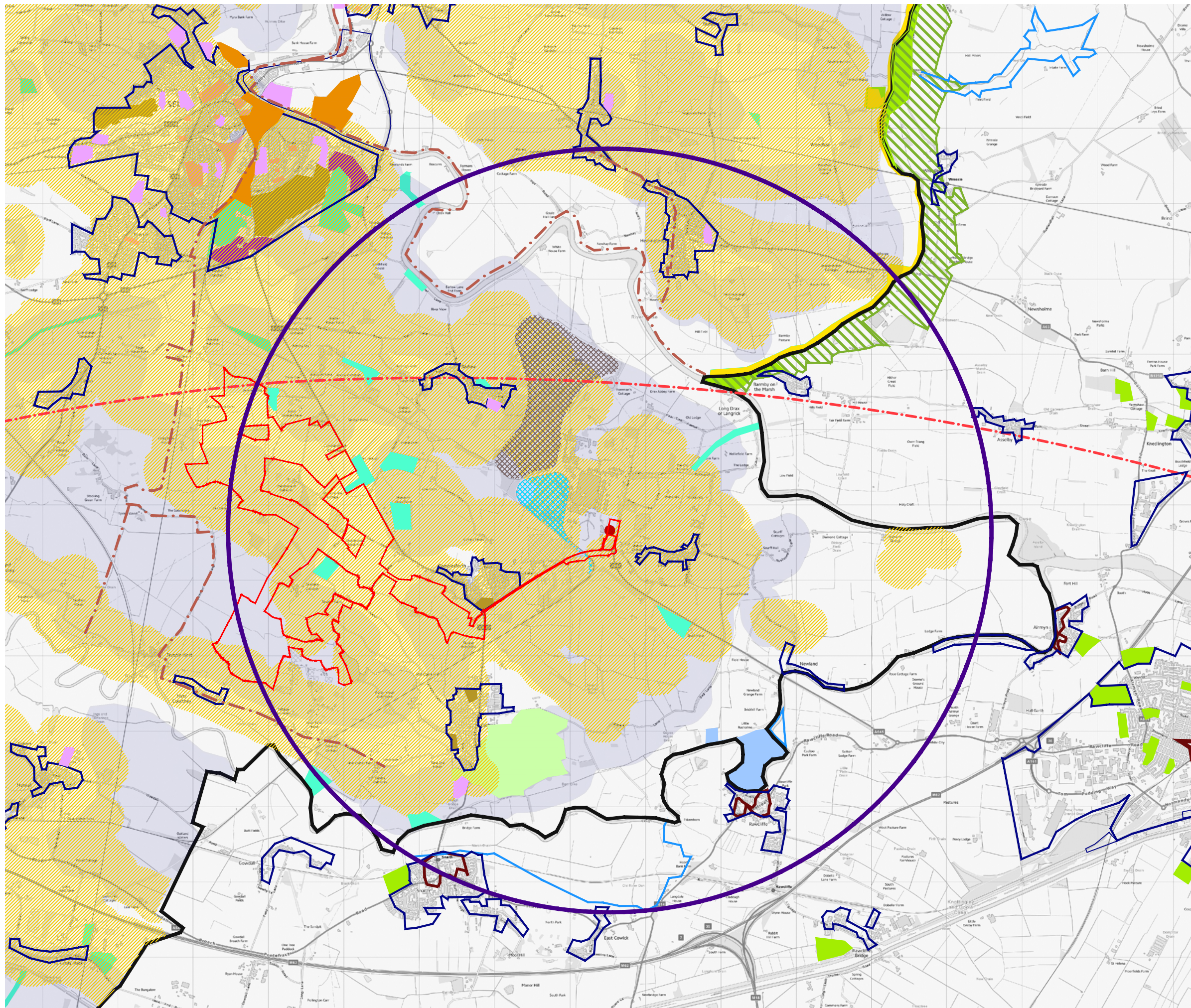
Project
Helios Renewable Hub

Drawing Title
Cumulative Schemes



Date	Scale	Drawn by	Check by
20.01.23	1:50,000@A3	KT	TE
Project No	Drawing No	Revision	
33627	BL-M-08	B	





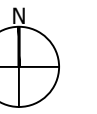


The scaling of this drawing cannot be assured

Revision B Red Line Updated Date 27.09.23 Drn KT Ckd EH

LEGEND

-  Site Location
-  Helios Red Line Boundary
-  5km Study Area
-  Selby District Boundary
-  Development Limits
-  Employment Development site
-  Historic Park and Garden
-  International Wildlife Site
-  National Wildlife Site
-  Recreational Open Space
-  Local Amenity Space
-  Special Policy Area
-  Residential Development Site
-  Site of Importance for Nature Conservation
-  Trans Pennine Trail
-  Conservation areas ENV3
-  Flood Storage Areas
-  Strategic Aviation Consultation Zone ENV6
-  Important Landscape Area
-  Open Space C3
-  Minerals - Brick Clay Safeguarded Area region
-  Minerals - Sand Gravel Safeguarded Area region
-  Minerals - Waste Safeguarding 2019 SDC region
-  Minerals - Wharf and Rails SDC region



Project
Helios Renewable Hub

Drawing Title
Local Plan Designations

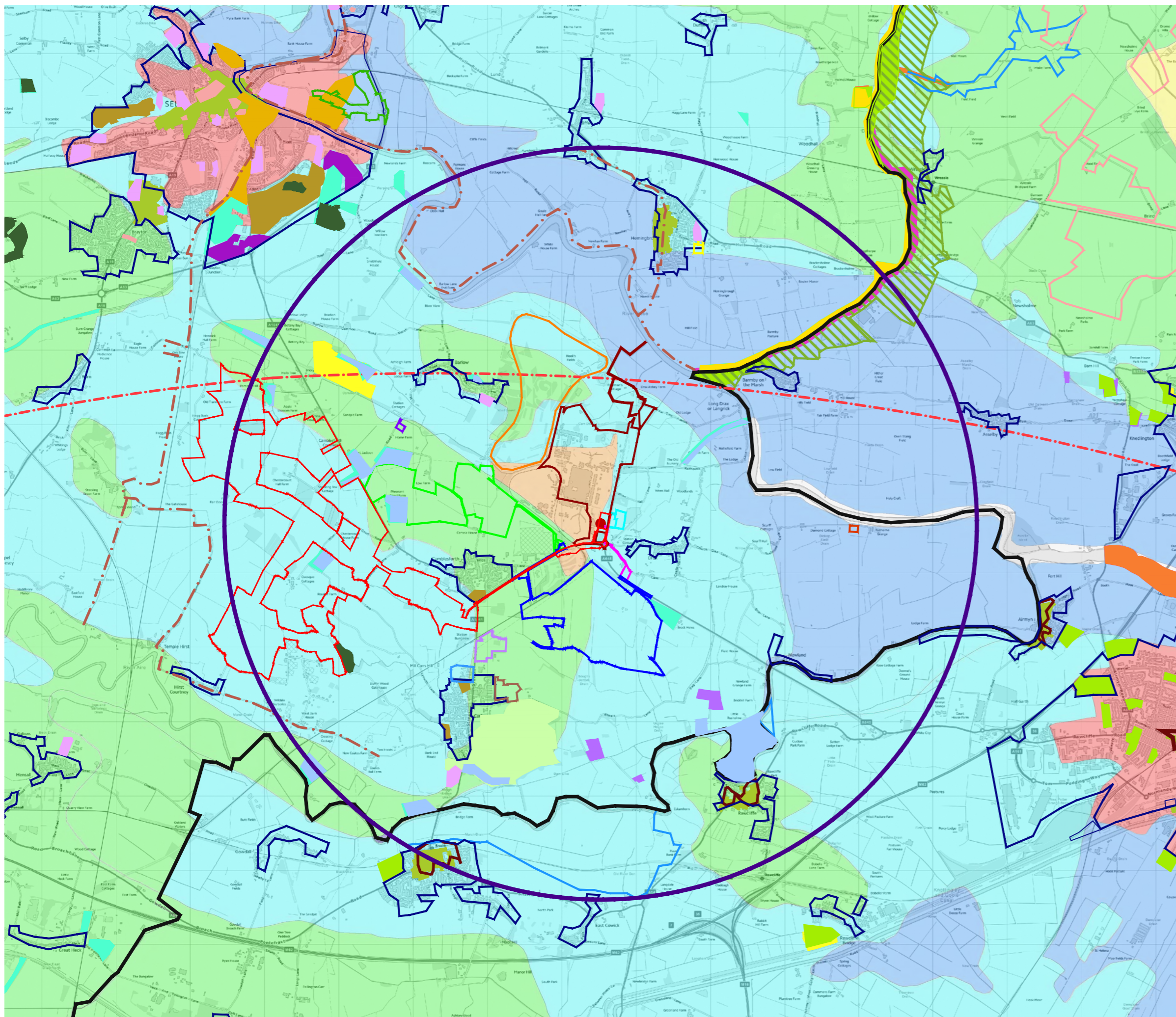
Date	Scale	Drawn by	Check by
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Project No	Drawing No		Revision
33627	BL-M-09		B



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LEGEND

- Site Location
- Helios Red Line Boundary
- 5km Study Area
- Selby District Boundary
- Development Limits
- Employment Development site
- Historic Park and Garden
- International Wildlife Site
- National Wildlife Site
- Recreational Open Space
- Local Amenity Space
- Special Policy Area
- Residential Development Site
- Site of Importance for Nature Conservation
- Trans Pennine Trail
- Conservation areas ENV3
- Flood Storage Areas
- Strategic Aviation Consultation Zone ENV6
- Important Landscape Area
- Open Space C3
- Special Area of Conservation
- Special Protection Area
- Local Nature Reserve
- Site of Special Scientific Interest
- Ancient Woodland

AGRICULTURAL LAND CLASSIFICATION		
Grade	Description	
1	Excellent	28.63%
2	Very Good	50.15%
3	Good to Moderate	18.54%
4	Poor	0.00%
Other and primarily in non-agricultural use		
	Other and primarily in non-agricultural use	1.81%
	Land predominantly in urban use	0.00%
	Watercourse	0.87%

- Ref:** EN010120
Description: Drax Power Limited proposes to install post-combustion capture technology that would capture carbon dioxide emissions from up to two of the existing biomass units at Drax Power Station. The proposal includes the construction and operation of carbon capture technology and associated equipment, and the integration of the units into the existing Common Services at Drax Power Station. The proposal includes associated development.
Site Address: Drax Power Station, New Rd, Drax, Selby YO8 8PH
- Ref:** 2022/0107/NYSCO
Description: Barlow Ash Mound, North West of Drax Power Station
Site Address: Barlow Ash Mound, Park Ln, Barlow, Selby YO8 8JW
- Ref:** EN010143
Description: The Scheme comprises the installation of solar photovoltaic (PV) generating panels, associated electrical equipment, cabling and on-site energy storage facilities together with grid connection infrastructure. The point of connection will be at Drax Substation, situated approximately 6.2km to the south-west of the PV site. The generating capacity of the Scheme will exceed 50MW and its maximum capacity is anticipated to be 400MW.
Site Address: East Yorkshire Farm Solar DCO
- Ref:** 2021/1154/FUL
Description: Erection of 50MW battery energy storage system and associated external works
Site Address: Home Farm, Barlow Road
- Ref:** 2021/0788/EIA
Description: Development of a ground mounted solar farm including associated infrastructure
Site Address: Land North and South of Camela Lane, Camblesforth, Selby, North Yorkshire
- Ref:** 2021/1089/FULM
Description: Development of a battery storage facility, associated infrastructure, access and grid connection
Site Address: Land Off Hales Lane, Drax, Selby, North Yorkshire
- Ref:** 2020/1357/FULM
Description: Development of an energy storage facility including battery storage containers; substations; power conversion systems; transformers and associated switchgear; HVAC equipment; communications and grid compliance equipment; temporary construction compound; CCTV; fencing; infrared lighting; access, drainage and landscaping works and associated development
Site Address: Land Off New Road, Drax, Selby, North Yorkshire
- Ref:** 2019/1027/EIA
Description: Proposed site preparation and construction of an access road to facilitate the wider Olympia Park development site with associated development and infrastructure
Site Address: Olympia Park, Barlby Road, Barlby

- Ref:** 2021/0601/FUL
Description: Construction of battery energy storage system to provide energy balancing services to the National Grid, including bund and landscaping
Site Address: Rusholme Grange Rusholme Lane Newland Selby North Yorkshire YO8 8PW
- Ref:** 2022/10054/SCN
Description: EIA screening opinion for a proposed development of a ground mounted solar farm and associated infrastructure
Site Address: Land South of A645, Wade House Lane, Drax
- Ref:** 2019/0458
Description: Outline application including access (all other matters reserved) for residential development for up to 40no custom built dwelling
Site Address: Land of School Road, Hemingbrough
- Ref:** 2022/0738/OUTM
Description: Outline planning application for the erection of up to 190 dwellings (Use Class C3) formal and informal open space, landscaping, works and means of access (all other matters reserved).
Site Address: Land North of Holy Family School, Station Road, Carlton
- Ref:** 2022/0399/OUTM
Description: Outline planning application for the erection of up to 190 dwellings (Use Class C3) formal and informal open space, landscaping, works and means of access (all other matters reserved).
Site Address: Land North of Holy Family School, Station Road, Carlton
- Ref:** 2018/0871/REMM
Description: Reserved matters application relating to access, appearance, landscaping, layout and scale of approval 2014/1129/OUT Outline application with all matters reserved for a development of up to 66 no. dwellings, together with associated infrastructure and open space provision (Phase 2) on land west.
Site Address: Street Record Station Road, Carlton

The scaling of this drawing cannot be assured
 Revision A Red Line Updated Date 27.09.23 Drn KT Ckd EH

Project
Helios Renewable Hub

Drawing Title
Local Plan Designations, ALC,
Cumulative Schemes and Statutory designations

Date 20.01.23 Scale 1:50,000@A2 Drawn by KT Check by TE

Project No 33627 Drawing No BL-M-10 Revision A

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