

IDI Gazeley Brookfield Logistics Properties

IDI Gazeley UK Ltd Magna Park Extension: Hybrid Application

ES Chapter 13: Summary & Impact Interactions



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List of Technical Appendices in Environmental Statement: Volume 3

N/A



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13 SUMMARY & IMPACT INTERACTIONS

Summary of Residual Impacts

- 13.1 The residual impacts are those effects that remain post-mitigation. Each of the technical chapters contains a detailed assessment of the residual impacts in respect of both the construction and operational phases of development. A range of measures have been incorporated in the scheme to mitigate potential negative effects.
- 13.2 The residual impacts are summarised in Table 13.1 and a degree of change is inevitable for a proposal of this scale. Some adverse impacts are identified, however they need to be considered in the temporal and geographical context of the proposed development. To this end, none of the impacts is considered to be of more than local significance and is therefore considered to be acceptable. For example, an adverse effect during the construction phase would be short lived and the overall significance would be low. Similarly, an effect that is predicted to be adverse during the operational phase may relate to a limited area and would also be considered to be insignificant.
- 13.3 A number of beneficial residual impacts are identified in respect of socio-economic effects and traffic. Chapters 5 12 address predicted effects, and their significance, in detail and should be the starting point for any analysis of effects.

Table 13.1: Summary of Residual Effects

Topic	Description of Effects	Significance of Residual Effects
	Construction:	
SO	 Direct employment generated at the site Indirect employment generated at the site Training opportunities for construction operatives 	Moderate BeneficialModerate BeneficialModerate Beneficial
Ē	Operational:	
Socio-economics	 Direct employment in logistics industries Indirect employment in the in the MPL supply chain Additional housing and social infrastructure requirements as a result of increased employment at the site 	Major BeneficialMajor BeneficialNot significant
ocio-	 Logistics Institute of Technology Labour market impacts opportunities at each skill level; a new permanent workforce created; lower levels of out- commuting 	Major BeneficialMajor Beneficial
S	 Increased health and well-being as result of take-up of employment opportunities. 	Minor Beneficial



Topic	Description of Effects	Significance of Residual Effects
Traffic & Transport	Construction: Local highway network Pedestrian & cyclist amenity – Mere Lane Pedestrian & cyclist amenity – all other sections of the local highway network Public Transport Operational: Local highway network Pedestrian & cyclist amenity – Mere Lane Pedestrian & cyclist amenity – A5, A4303 & A426 Pedestrian & cyclist amenity – all other sections of the local highway network Public Transport	 Negligible Major Adverse Negligible Negligible Negligible Major Beneficial Negligible Negligible Major Adverse
Noise & Vibration	Construction: Construction noise and vibration. Operational: Operational Noise (Zone 1) Operational Noise (Zone 2) Road traffic noise.	 Negligible Negligible Minor/Moderate Negligible
Hydrology & Flood Risk	Construction: Water quality. Biodiversity Conveyance of flow and materials (surface water) Active Floodplain Recreation, amenity and heritage. Operation: Water quality. Conveyance of flow and materials (surface water) Recreation, amenity and heritage.	 Moderate Adverse Moderate Adverse Moderate Adverse Moderate Adverse Minor Adverse Moderate Adverse Negligible Minor



Topic	Description of Effects	Significance of Residual Effects
	Construction:	
	Visual Receptors V1a-b.High Cross V2a and 2b.Claybrooke Grange/Frolesworth Road V3. Woodway Lane V3-(Night) Woodway Lane Residents V4ai Visitors to St Peter's Church Claybrooke Parva V4aii-4aiv. South of Claybrooke Parva village	 Minor to Moderate Adverse Minor Adverse Moderate to Major Adverse Minor to Moderate Adverse Minor to moderate Adverse V4aii &4aiv- Moderate to Major Adverse, 4aiii-Moderate Adverse
	 V4aii-(Night) Claybrooke Parva Community V4bi-4bii Footpath W92 and the White House 	 Negligible to Minor (Adverse) Walkers 4bi Moderate Adverse, 4bii- Major Adverse, Resident East Major to Moderate, Resident to south –Minor to Moderate Adverse.
/isual	V4ci-4cvi Bridleway W86V5ai-5aii Visitors to the Ullesthorpe Moat SM	 4ci- Moderate Adverse,4cii4cvi- Major Adverse 5ai – Neutral 5aii- Moderate to Major Adverse
e & \	 V5aiii Visitors to Ullesthorpe open access land V6ai-6aiv Footpath W89 South west of Ullesthorpe 	 Moderate Adverse 6ai - Moderate to Major Adverse, 6aii&6aiii Moderate Adverse, 6aiv-Major Adverse
Landscape & Visua	 V6b.South of Ullesthorpe V7.Bittesby Scheduled Monument V8ai South –east edge of Ullesthorpe/Lutterworth Rd V8ai-(Night). The Community of Ullesthorpe V8aii -8aiii Ullesthorpe Windmill V8b Lutterworth Road 	 Major to Moderate Adverse Major to Moderate Adverse Moderate Adverse) Minor Adverse to Neutral 8aii &8aiii- Moderate Adverse Resident- Moderate Adverse, Road users - Minor to Moderate Adverse
	■ V9a-c.BridlewayW88 WilleyChuckey Hall (Sequential)	 9a&9bi – Major Adverse, 9bii- Major to Moderate Adverse, 9c-
	 V10a-b.south of Ashby Parva V11.Argosy Way Magna Park V12a-f. Mere Lane (Sequential) 	Moderate Adverse Minor to Moderate Adverse Minor Adverse Road users Moderate Adverse, Horse riders Moderate Adverse
	 V13. Footpath West of Norwood Farm V14a. Public Footpath to the west of Willey V14b. Public Footpath to the east of Willey V14c&14d Main Road in Willey 	 Moderate Adverse Moderate Adverse Moderate Adverse Residents-Minor to Moderate Adverse, Road users Moderate Adverse



Topic	Description of Effects	Significance of Residual Effects
	■ V14c & 14d- (Night) Main Road in Willey	 Road users - Minor Adverse, Community of Willey Minor Adverse
	 V14e. St Leonard's Churchyard, Willey V15. Public Footpath east of Willey Fields Farm 	Minor to Moderate AdverseModerate to Major Adverse
	 V16a-16eii.A5 corridor. & land adjacent/incl. FPW89 (Sequential) 	 View 16a Major Adverse, View 16b-Major Adverse, View 16c Major Adverse, View 16 Moderate to Major Adverse View 16ei and View 16eii Moderate Adverse
	■ V16b&16d-(Night) The A5, the Community of Willey	 Residents-16b Neutral, 16d- Minor Adverse, Road users 16b Moderate Adverse, 16d –Minor Adverse
	■ V17. From the Lutterworth Road	■ Minor to Moderate Adverse
	 Zone 2 V18. From the Lutterworth Road V19. From the edge of the A5 V.19 From the edge of the A5- (Night) V20 Public bridleway X32 from alongside Moorbarns V21 Public bridleway X32 at end of Moorbarns Lane V22 A4303 looking south 	Zone 2 Minor Adverse Moderate Adverse Minor Adverse Moderate Adverse Minor Adverse Moderate Adverse Moderate Adverse
	Landscape Receptor Lutterworth Lowlands (Zones 1 & 2) Zone 1 – Part to the south east of Mere Lane Zone 2 – Part to the south of Magna Park	Minor Adverse to negligible overallMinor to Moderate Adverse
	Upper Soar (Zone 1 only)Low lying clay vale farmland with gentle ridges LandscapeType	 Moderate Adverse effects overall Moderate to Minor reducing Minor in Mid-Term overall
	Soar tributary flat floodplains and terrace Landscape Type	 Moderate to minor Adverse effects overall
	 High Cross Plateau- Open Plateau (Zones 1 & 2) Part- offsite to the west of the A5 potentially effected by Zone 1. Part- offsite to the west of the A5 potentially effected by Zone 2 	Moderate AdverseMinor Adverse
	Trees	
	378 trees on the site and surveyed; substantial number of those to be retained need treatment and better future	



Topic	Description of Effects	Significance of Residual Effects
	management which the Arboricultural Report itemises and describes 174 will need to be felled. Of these:	
	 2 are Cat A trees (one A1, one A2), both rated as having high visual amenity 31 are Cat B trees, of which only 3 are B1 trees and are rated as having moderate visual amenity, and 9 are category B2 trees all of which are rated as having high amenity value 3 are Cat U trees, 1 each rated as having high, moderate or low amenity value The remaining re: category C (133), of which: 11 are C1 of which 9 are rated as having high amenity value; 1 is C1 with moderate amenity value; 96 are C2 with moderate amenity value and the remainder are C2 with low amenity value category U or C1/U, CS/U (5) rated low or moderate 	
	Only 1 is surveyed as having bat roost potential, and the impact of felling will be mitigated by the provision of bat houses.	
	The landscape proposals will plant more trees than will be lost – and all will aim to be native Cat A trees. Conditions for construction phase to prevent harm to retained trees, the provision of delivery phasing plan for the protection of retained trees and incorporation of the maintenance of the remainder in the landscape management plan under the S106.	
	Operation:	
	Landscape Receptor Lutterworth Lowlands (Zones 1 & 2) Zone 1 – Part to the south east of Mere Lane	 Minor Adverse to negligible overall
	 Zone 2 – Part to the south of Magna Park 	 Minor Adverse reducing to Minor Adverse to Negligible in the Mid- Term
	Upper Soar (Zone 1 only) ■ Low lying clay vale farmland with gentle ridges Landscape Type	Moderate reducing to Moderate to Minor adverse effect, in Mid-Term overall.
	Soar tributary flat floodplains and terrace Landscape Type	 Moderate to Minor reducing Minor in Mid-Term overall
	 High Cross Plateau- Open Plateau (Zones 1 & 2) Part- offsite to the west of the A5 potentially effected by Zone 1. Part- offsite to the west of the A5 potentially effected by Zone 2 	 Moderate Adverse reducing to Minor to moderate (Adverse) in the mid-term Minor Adverse reducing to Negligible in the mid-term



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Topic	Description of Effects	Significance of Residual Effects
	Visual Receptors	■ Minor Adverse
	■ V1a-b.High Cross	■ Minor Adverse
	 V2a and 2b.Claybrooke Grange/Frolesworth Road 	Major to moderate in Shorter
	V3. Woodway Lane	Term then Moderate in the Mid-
		Term Adverse Minor to Moderate
		Adverse
		Adverse
		Minor Adverse
	 V3-(Night) Woodway Lane Residents 	Minor to Moderate Adverse
	 V4ai Visitors to St Peter's Church Claybrooke Parva 	
	V4aii-4aiv. South of Claybrooke Parva village	■ View 4aii – Moderate Adverse,
	- V-allallv. Could of Claybrooke I alva village	View 4aiii &4aiv Minor to
		Moderate Adverse, 4aiii-Moderate
		Adverse
	 V4aii-(Night) Claybrooke Parva Community 	Neutral
	· · · · · ·	Walkers- 4bi- Minor to Moderate
	 V4bi-4bii Footpath W92 and the White House 	Adverse, 4bii Major Adverse
		reducing to Major to Moderate in
		Mid-Term, Resident to east-
		Major to Moderate Adverse in
		shorter term, becoming Moderate
		Adverse in Mid-Term, Resident to
		south- Minor Adverse
	■ V4ci-4cvi Bridleway W86	4ci-Minor to Moderate
		(Adverse),4cii-4civ- Moderate to
		Minor to Minor Adverse,4cv&4cvi
		 Major to Moderate reducing to
		Moderate Adverse in Mid-Term
		5ai Negligible, 5aii-Moderate to
	 V5ai-5aii Visitors to the Ullesthorpe Moat SM 	Minor reducing to Minor Adverse
	vodi cali vicitore te trio circottorpe modi cin	
		 Moderate Adverse
	 V5aiii Visitors to Ullesthorpe open access land 	■ 6ai, -Moderate to Major Adverse
	 V6ai-6aiv Footpath W89 South west of Ullesthorpe 	becoming Moderate, 6aii and
	- Voal-oalv i ootpatii vvoa oottii west oi ollestiioipe	6aiii- Moderate 6aiv- Major
		Adverse reducing to Moderate
		Adverse, Mid-Term
		■ Moderate Adverse reducing to
	■ V6h South of Illocthorno	Minor to Moderate Adverse, Minor
	V6b.South of Ullesthorpe	in Long Term
		■ Major to moderate Adverse in
	V7 Rittochy Schodulad Manument	shorter term, reducing to
	 V7.Bittesby Scheduled Monument 	Moderate from one locality,
		reducing to Minor to Moderate
		Adverse overall for the complete
		SM site in the Mid-Term
		SWI SILO III dilo ivila- i Olili



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Topic	Description of Effects	Significance of Residual Effects
	■ V8ai South –east edge of Ullesthorpe/Lutterworth Rd	Moderate Adverse reducing to Minor Adverse reducing to Minor Mid-Term
	■ V8ai-(Night). The Community of Ullesthorpe	Minor Adverse reducing to Neutral
	■ V8aii -8aiii Ullesthorpe Windmill	Minor to Moderate reducing to Minor Adverse Mid-Term
	■ V8b Lutterworth Road	 Resident Moderate Adverse, Road users Moderate to Minor Adverse
	■ V9a-c.BridlewayW88 WilleyChuckey Hall (Sequential)	 9a&9bi – Major to moderate Adverse,9bii- Moderate to Minor Adverse 9c-Moderate to Minor Adverse, in Mid-Term
	V10a-b.south of Ashby ParvaV11.Argosy Way Magna Park	Minor AdverseMinor Adverse
	■ V12a-f. Mere Lane (Sequential)	 Road users- Minor to Moderate Adverse), Horse riders Moderate Adverse
	■ V13. Footpath West of Norwood Farm	Minor to Moderate Adverse Mid- Term, then Minor Adverse in Long Term
	■ V14a. Public Footpath to the west of Willey	 Minor to Moderate Adverse reducing to Minor Adverse in the Mid-Term
	■ V14b. Public Footpath to the east of Willey	Moderate reducing to Moderate to Minor in Mid-Term
	■ V14c&14d Main Road in Willey	 Residents-Minor Adverse, Road users Moderate Adverse in Mid- Term
	■ V14c & 14d- (Night) Main Road in Willey	Community of Willey Moderate Reducing to Minor to Moderate Adverse, Road users – Moderate reducing to Minor to Moderate Adverse, all in the Mid-Term
	■ V14e. St Leonard's Churchyard,Willey	Moderate to Minor Adverse reducing to Minor Adverse in the Mid-Term
	 V15. Public Footpath east of Willey Fields Farm 	Moderate reducing to Moderate to Minor Adverse in the Medium Term



Topic	Description of Effects	Significance of Residual Effects
	■ V16a-16eii.A5 corridor. & land adjacent/incl. FPW89 (Sequential)	■ View 16a –Major to Moderate Adverse, View 16b and 16c-Major –Moderate in shorter term, then Moderate Adverse, View 16d- Major to Moderate reducing to Moderate Adverse, View 16ei and View 16 eii – Moderate reducing to Moderate to Minor Adverse, all in the Mid-Term.
	■ V16b&16d-(Night) The A5, the Community of Willey	Residents/Community of Willey – 16bNeutral*,16d-Minor to Moderate, Minor Adverse in Mid-Term, Road users – 16b-Moderate to Minor reducing to Minor, 16d-Moderate Adverse reducing to Moderate to Minor in the Mid-Term
	■ V17. From the Lutterworth Road	Moderate to Minor reducing to Minor Adverse , in the Mid-Term
	 Zone 2 V18. From the Lutterworth Road V19. From the edge of the A5 V.19 From the edge of the A5- (Night) V20 Public bridleway X32 from alongside Moorbarns V21 Public bridleway X32 at end of Moorbarns Lane V22 A4303 looking south 	 Zone 2 Minor Adverse reducing to Minor to Negligible in the Mid-Term Moderate reducing to Minor to Moderate Adverse in the Mid-Term Moderate reducing to Moderate to Minor Adverse in the Mid Term Minor Adverse in the Mid-Term Minor Adverse to Negligible in the Mid-Term) Moderate to Minor Adverse in the
	Construction:	Mid-Term
	Construction air quality and dust	Not significant
Air Quality	Operational: Operational air quality in 2016 Operational air quality in 2021 Operational air quality in 2031	 Minor Adverse Slight to Moderate Negligible



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Topic	Description of Effects	Significance of Residual Effects
	■ D9: Home Farm House, Ullesthorpe	Negligible
	■ D10: Claybrook Parva Conservation Area	Negligible
	Non Designated Assets	
	Heritage Asset A1	Minor Adverse
	Heritage Asset A2	Minor Adverse
	Heritage Asset A3	Minor Adverse
	Heritage Asset A4	Minor Adverse
	Heritage Asset A5	Large Beneficial
	■ Heritage Asset A6	• Minor
	■ Heritage Asset A7	Large Beneficial
	■ Heritage Asset A8	Large Beneficial
	Heritage Asset A9	Large Beneficial
	■ Heritage Asset A10	Minor Adverse
	Heritage Asset A11 Heritage Asset A40	Minor Adverse Minor Adverse
	Heritage Asset A12 Heritage Asset A42	Minor Adverse Minor Adverse
	Heritage Asset A13 Heritage Asset A44	Minor Adverse Minor Adverse
	■ Heritage Asset A14	Minor Adverse
	Heritage Asset A15 Heritage Asset A46	Minor Adverse Minor Adverse
	Heritage Asset A16 Heritage Asset A47	Minor Adverse Minor Adverse
	Heritage Asset A17 Heritage Asset A40	Minor Adverse Minor Adverse
	Heritage Asset A18 Heritage Asset A40	Minor Adverse Minor Adverse
	Heritage Asset A19 Heritage Asset A20	Minor Adverse Minor Adverse
	Heritage Asset A20 Heritage Asset A24	Minor Adverse Minor Adverse
	Heritage Asset A22 Heritage Asset A22	Minor AdverseMinor Adverse
	Heritage Asset A22 Heritage Asset A22	Minor Adverse
	Heritage Asset A23 Heritage Asset BP1	Minor Adverse
	Heritage Asset HB1 Heritage Asset HB2	Minor Adverse
	Heritage Asset HB3	Minor Adverse
	- Helitage Asset FIDS	- Millor Adverse
	Construction:	
	Non-statutory designated sites	Negligible
Ø	■ Habitats	Negligible
= -	Birds	Minor Adverse
	Great Crested Newt	Minor Adverse
	■ Bats	Minor Adverse
2 7		Minor Adverse
ା ≪ ?	■ Otter	Negligible
> a		■ Negligible
6	Common Toad	Minor adverse
Ecology & Nature	Operational:	
၂ ပ	Non statutem decimants decit-	■ Negligible
Ш	Non-statutory designated sites Lightitate Non-statutory designated sites	Minor Adverse
	■ Habitats	Negligible
	Birds Great Creeted Newto	Minor Adverse
	Great Crested Newts	



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Topic	Description of Effects	Significance of Residual Effects
	■ Bats	Minor Adverse
	Badgers	Minor Adverse
	Otter	Negligible
	■ Common Toad	Minor adverse

Impact Interactions

13.4 As set out in Chapter 4, cumulative effects are categorised as follows:

Type 1 Effects: The amalgamation of individual effects resulting from the

proposed development.

Type 2 Effects: The combined effects of a number of developments,

which might be insignificant when considered in

isolation, but when considered together could give rise

to a significant impact

13.5 The neighbouring developments that could potentially give rise to Type 2 Effects were considered and agreed with HDC as part of the scoping exercise. They comprise projects that are at various phases in the development process: allocated, consented and commenced. It must be acknowledged that there is a degree of uncertainty as to the potential scope of cumulative effects given the outline nature of some of the neighbouring developments and the stage they have reached in the development process. Some effects may occur over an extended period and could be influenced by processes and activities that occur outside the site boundary and the applicant's control.

Type 1 Effects

- 13.6 The potential Type 1 Effects for the sensitive receptors in and around the site, identified in Chapter 4, have been considered. Type 1 effects have been considered for both the construction and operational phases of the development.
- 13.7 Effect interaction is considered most likely to occur during the demolition and construction phases and, for the type of development proposed, is usually more adverse, albeit temporary in nature, than the effects of the completed and operational development. Details of the construction process is contained within Chapter 2, and the various environmental effects are addressed in Chapters 5 to 12.

Construction Phase

13.8 The potential for cumulative effects is most pronounced during the construction phase. Construction works have the potential to give rise to cumulative effects for those living in close proximity to the site, or visiting it on a regular basis. The ecological interests of the site may also be affected. By their nature, such impacts

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are generally short-term, intermittent and reversible. They are also well understood and appropriate mitigation has been designed into the construction process to minimise and manage the potential for adverse effects. The number of existing residential properties in close proximity to proposed areas of new development is also limited.

- 13.9 The interaction of effects is considered post-mitigation and therefore concentrates on the anticipated residual effects. The construction and demolition works are not anticipated to engage any non-standard techniques or methodology. As a consequence of this, the only potential effects are considered to be negligible and not significant and relate to Transport (Chapter 6); Noise and Vibration (Chapter 7); Hydrology (Chapter 8); and Landscape and Visual Effects (Chapter 9).
- 13.10 Good site management and best practice will minimise such combined effects, but they are not unusual for a development of this type and this scale. The significance of these effects is mitigated by its localised nature and short term nature and, overall, considered to be acceptable.
- 13.11 The impact on the site's ecological interests has the potential to be significant during the construction period, but a comprehensive and detailed mitigation strategy has been designed to minimise the potential for adverse effects. The programme of ecological mitigation has been designed into the construction programme to ensure that, where necessary, the appropriate mitigation works precede site clearance and construction

Operational Phase

13.12 Once development is complete and operational, it is very unlikely that any Type 1 effects will be experienced, with the potential for such effects identified as part of the application/ EIA process and designed out or suitable mitigation provided. As a result, the residual effects identified in the technical chapters are negligible and/or beneficial and no additional consideration is necessary.

Type 2 Effects

13.13 As part of the scoping process, the development schemes listed in Table 13.2 were suggested by the Applicant as those that should be considered in combination with the proposed development. All have been considered as part of the cumulative impact assessment in the preceding technical chapters insofar as it has been possible to do so.

Table 13.2: Assessment of Cumulative Effects – Other Developments

App. Number	Location	Description	Distance from Site	Status
	Land Adj Glebe Farm Coventry Road Lutterworth	Outline application for the erection of up to 278,709sqm of Storage, Distribution buildings (B8) with ancillary B1(a) offices, creation of access onto A4303 and emergency services only	1.9km	Application registered 5 th June 2015

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App. Number	Location	Description	Distance from Site	Status
		access onto A5, formation of a Lorry Park, creation of SuDS facilities and other associated infrastructure and the demolition of Glebe Farmhouse (Means of access only to be considered).		
12/00851/FUL	Land South Of And Adjacent To Asda George Headquarters A4303 Magna Park Lutterworth	Change of use of land to provide HGV and car parking; formation of hardstanding; erection of vehicle maintenance unit building, administration building, fuel island and vehicle washing facility, associated landscaping (revised scheme of 11/01757/FUL)	1.7km	Unimplemented
14/01090/OUT	Land North Of Lutterworth Road Lutterworth	Business use development (Class B1a), with associated infrastructure, including means of access, open space, landscaping and sustainable drainage features	5.5km	Awaiting completion of S106
11/00117/OUT	Land North Of Bill Crane Way Lutterworth	Residential development with associated infrastructure, public open space and provision of vehicular and pedestrian access (Outline application with all matters reserved for subsequent approval)	5.8km	Under construction
13/01282/REM	Land North Of Bill Crane Way Lutterworth	Erection of 147 dwellings and associated garages, hardstanding, footpaths, means of access and other roads, and open space (reserved matters of 11/00117/OUT)	5.8km	Under construction
14/00739/OUT	Land East Of Leicester Road Lutterworth	Outline planning permission for 84 dwellings (means of access to be considered)	6.1km	Unimplemented
Daventry International Rail Freight Terminal DCO	Daventry International Rail Freight Terminal	The Order grants development consent for the expansion of the existing Daventry International Rail Freight Terminal ("DIRFT") which currently comprises two rail connected warehouse developments known as "DIRFT I" and "DIRFT II". The project involves the	12km	Unimplemented



App. Number	Location	Description	Distance from Site	Status
		construction and operation of a new rail link from the existing DIRFT to a replacement interchange, together with new transhipment sidings, container storage, a Heavy Goods Vehicle ("HGV") reception area, up to 731,000 square metres of rail served storage, operational facilities, a lorry park and a strategic open space to provide a buffer between the development and the settlement of Lilbourne. The Order would also, among other things, authorise the compulsory acquisition of rights over land and alterations to the highway network. The project is referred to in this letter as "DIRFT III".		
R11/0699	Rugby Radio Station, A5 Watling Street, Clifton upon Dunsmore, Rugby, Warwickshire, CV23 0AQ	Outline application for an urban extension to Rugby for up to 6,200 dwellings together with up to 12,000sq.m retail (A1), up to 3,500sq.m financial sevices (A2) and restaurants (A3 - A5), up to 3,500sq.m for a hotel (C1), up to 2,900sq.m of community uses (D1), up to 3,100sq.m assembly and leisure uses (D2), 31 hectares (up to 106,000sq.m) of commercial and employment space (B1, B2 and B8), and ancillary facilities; a mixed use district centre and 3 subsidiary local centres including retention and re-use of the existing buildings known as 'C' Station (Grade II listed), 'A' Station and some existing agricultural buildings; a secondary school and 3 primary schools; public art; green infrastructure including formal and informal open space and amenity space; retention of existing hedgerows, areas of ridge and furrow and grassland; new woodland areas, allotments	8km	



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App. Number	Location	Description	Distance from Site	Status
		and areas for food production, wildlife corridors; supporting infrastructure (comprising utilities including gas, electricity, water, sewerage, telecommunications, and diversions as necessary); sustainable drainage systems including ponds, lakes and water courses; a link road connecting the development to Butlers Leap, estate roads and connections to the surrounding highway, cycleway and pedestrian network; ground remodelling; any necessary demolition and any ground works associated with the removal of any residual copper matting, with all matters reserved for future determination except the three highway junctions on the A428, the two junctions on the A5 and the link road junctions at Butlers Leap and Hillmorton Lane		
R10/1272 And R13/2311 etc	Rugby Gateway, Leicester Road, Rugby	Outline application for residential development (up to 1300 units); employment development (up to 36ha in total, B2 – General Industrial & B8 – Storage & Distribution); community facilities (D1 – Nonresidential Institutions) including primary school, nursery and health facility, retail premises (A1 – Retail, A3 – Food & Drink, A4 – Drinking Establishments & A5 - Hot Food Takeaway); open space; associated infrastructure and works including details of access into site (including alterations to highway and existing roundabouts). Demolition of existing buildings		
15/00378/FUL & 12/00698/REM	Land Bounded By The Ashby Canal, Railway Line And Bridge Road,	Mixed used development comprising up to 376 dwellings, employment (use classe B1a, B1c, B2 and B8), local centre (Use classes A1-5 and D1), live-	10km	

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App. Number	Location	Description	Distance from Site	Status
	The Former Johnsons Apparelmaster Ltd Rugby Road Burbage Hinckley Leicestershire LE10 2ND	work units, works to Sketchly Brook corridor, remodelling of lake and associated open space, parking and accesses (outline – access only) And Approval of Reserved matters application for the erection of 133 dwellings with associated roads and landscaping		
13/01223/REM	Leaders Farm Coventry Road Lutterworth Leicestershire LE17 4JF	Erection of 130 dwellings, creation of a cemetery and provision of associated infrastructure including public open space (reserved matters of 12/00900/OUT)	2.2km	Under construction
R11/0114	Cawston Extension Site, Coventry Road, Cawston, Rugby	Outline application for residential development (up to 600 dwellings, use class C3), new accesses to Coventry Road and Trussell Way, open space, associated infrastructure and ancillary works (access not reserved).	11km	
13/01539/FUL	Land off Dunton Road, Broughton Astley, Leicestershire	full planning permission for the erection of 24 dwellings with associated vehicular access, pedestrian links, garages, hardstanding, parking, landscaping and drainage (revised scheme of 13/00688/FUL), in accordance with application ref: 13/01539/FUL, dated 11 October 2013	7km	
12/04597/OUT	Site at land south of Hallbrook Primary School, Crowfoot Way, Broughton Astley	outline planning permission for the erection of 111 dwellings, a sports hall, a neighbourhood centre, sports pitches and associated parking, open space, access and landscaping	7km	
2009/1488/03	Sutton Lodge Farm, Broughton Astley	Application for the erection of an anaerobic digestion facility with associated infrastructure and landscaping	7km	

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- 13.14 Although the EIA Regulations require only approved projects to be considered, IDI Gazeley agreed with HDC (15th July 2015) to consider the symmetry park proposal (application reference 15/00865/OUT) in "sensitivity" terms (i.e., an assessment of the cumulative impact should symmetry park as well as the application proposals be granted planning permission.
- 13.15 Each of the technical chapters sets out a consideration of the potential environmental effects when considered in combination with these other developments. Cumulative residual effects, those that remain after mitigation, are dealt with in each of the technical chapters and summarised below. Where applicable, specific Chapters have also presented the conclusions of the db symmetry sensitivity test.

Construction Phase

13.16 No significant adverse effects are envisaged during the construction phase. Any potential effects in associated with the proposed development in combination with the other projects identified are considered to be negligible and not significant.

Operational Phase

13.17 The cumulative effects are not considered to be adverse in respect of any of the assessment parameters save for Transport, LVIA and Heritage, and in all cases are not considered to be Significant.

db symmetry Sensitivity Test

Traffic and Transport

- 13.18 The maximum average delay at any individual junction due to the symmetry park traffic is approximately 30 seconds (M69 J1), and the maximum increase in journey time on the selected routes is 34 seconds (M6(W) to M1(N)). Therefore, the impact of the symmetry park development on users of the highway network is considered to be Negligible.
- 13.19 The symmetry park development will result in an increase in HGV traffic of 32% on the A4303 between Hunter Boulevard and the A5. Therefore the impact on pedestrians and cyclists on this section of the road is considered to be Minor Adverse. Elsewhere on the network impacts are below 30% and are therefore considered Negligible.
- 13.20 The symmetry park development is predicted to generate 23 trips additional trips by bus in the AM peak, and 21 trips in the PM peak. This is considered likely to increase crowding on the existing bus service, and therefore there will be a Minor Adverse impact on public transport, which is Not Significant.

Noise and Vibration

13.21 This assessment has shown that the impact in both short and long term of road traffic associated with the proposed development would be limited to one of Negligible Magnitude in all cases.

MAGΠΑ PARK

IDI Gazeley

L U T T E R W O R T H Brookfield Logistics Properties

Hydrology and Flood Risk

13.22 The land at Glebe Farm drains to the River Swift, which is a tributary of the River Avon. As such, if this development were to take place in addition to the application proposals, the cumulative effects are considered to be Negligible as only Zone 2 is part of the same catchment. As such cumulative impacts to the water environment and increases to flood risk are considered to be Negligible.

Landscape and Visual

- 13.23 Effects on the landscape of the Lutterworth Lowlands District LCA are elevated to become significant, during construction, and up until the Mid to Long Term.
- 13.24 Significant sequential visual effects, in the day time, on road users passing along the A5, during construction and in the early years of operation, however, the combined effects are Not Significant from the Mid-Term. Night time sequential visual effects, as experienced from the A5, are Not Significant during construction or in operation.
- 13.25 An increase in artificial lighting effects is anticipated, arising from sky glow, on communities to the south of Magna Park over and above the levels arising from this application and other considered development. However, the potential scale of this is not possible to accurately estimate at present.

Air Quality

13.26 All predicted air quality impacts are Negligible, and the operational effects are unchanged from those described in section 10.6 of Chapter 10.

Conclusions

- 13.27 The proposed development would inevitably change aspects of the local environment, however the design of the scheme and its incorporated and proposed mitigation, would ensure that there would be no significant long term residual adverse effects for the purposes of the Regulations.
- 13.28 None of the adverse effects identified would be more that 'Moderate' and from an EIA perspective would not therefore be of more than local significance and would not be considered key decision making issues.
- Moderate beneficial effects are predicted to result from the extensive highway and junction improvements that are proposed as part of the development. Major beneficial effects are predicted with regard to the socio-economic effects of the proposed development, in particular associated with the creation of both construction and operational phase employment. The proposed development will create 5,800 operational jobs and a further 1,634 construction jobs. 1,088 of the operational jobs and 287 of the construction jobs are likely to go to Harborough residents, with 3,360 operational and 924 construction jobs to residents of Leicestershire.





List of Technical Appendices in ES Volume 3

n/a