

Wexford County Council	20240459	Permission to construct a domestic garden machinery shed with as Ballynakill (ed Ballymore), Ballymore		26/04/2024
Wexford County Council	20240460	Permission for retention for 1) relocation of dwelling house Coolamain, Edermine		26/04/2024
Wexford County Council	20240453	Permission to propose new material finishes to existing elevations : Scarawalsh, Ballycarney		25/04/2024
Kilkenny County Council	2460189	to remove existing garden shed / store on site and permission for tl 53 Fairview , Graiguenamanagh , Co. Kilken APPLICATION FINALI		24/04/2024
Wexford County Council	20240442	Permission for the proposed erection of a fully serviced dwelling hc Bree, Bree		23/04/2024
Wexford County Council	20240445	Permission to change the use of existing retail unit at ground floor l Coolbaun, Ferns		23/04/2024
Wexford County Council	20240448	Permission to construct an agricultural shed for robotic milking par Forrestalstown, Castleboro		23/04/2024
Carlow County Council	2420	a detached commercial building for the processing and storage of f Cranemore , Kildavin , Co. Carlow	NEW APPLICATION	23/04/2024
Kilkenny County Council	2460186	for (1) a single storey extension to the existing changing room build Blacks & Whites GAA Club , Tom Walsh Par NEW APPLICATION		23/04/2024
Wexford County Council	20240434	Permission to construct a fully serviced dwelling house with associa Kereight, Ballyhoge		22/04/2024
Wexford County Council	20240435	Permission for the following: 1) Garage come workshop with work Askamore, Ballybeg		22/04/2024
Wexford County Council	20240436	Permission to demolish existing storage shed and permission to ext Goreycorporationlands, Gorey Urban		22/04/2024
Wexford County Council	20240437	Permission for the erection of an extension to the existing dwelling Kilgibbon, Bree		22/04/2024
Wicklow County Council	24190	an extension to the side and rear of existing dwelling. Permission is Quigginroe , Kilquiggin , Co. Wicklow	APPLICATION FINALI	22/04/2024
Carlow County Council	2460094	revision to front elevation and reduction in floor area previously pe Cournellann , Borris , Co.Carlow	APPLICATION FINALI	22/04/2024
Wexford County Council	20240431	Permission to replace existing open top slurry tank with no.2 cover Raheenduff, Adamstown		19/04/2024
Wexford County Council	20240432	Permission for retention of the following a) Indoor Training Hall (pa Inch, Castle Ellis		19/04/2024
Wexford County Council	20240421	Permission for the: Proposed extension, is an infill type constructio Ballycanew, Ballycanew		18/04/2024
Wexford County Council	20240424	Permission for retention of the development of a detached domest Knockskemolin, Wells		18/04/2024
Wexford County Council	20240427	Permission for the proposed change of use of part of existing car p Killann, Killann		18/04/2024
Wicklow County Council	24185	works carried out to date (blockwork partially complete) previousl Coolroe , Tinahely , Co. Wicklow	FURTHER INFORMAT	18/04/2024
Carlow County Council	2460091	See public notices for full description of works Dunleckney Maltings , Dunleckney Bagenal	FURTHER INFORMAT	18/04/2024
Wexford County Council	20240417	Permission to erect a first floor extension and make alterations to e Ballinastraw Upper, Killenagh		17/04/2024
Wexford County Council	20240418	Permission for the erection of a fully serviced dwelling house and g Townamulloge, Castleboro		17/04/2024
Carlow County Council	2460089	to retain groundworks and concrete base as constructed with full p Ballybrommell , Fenagh , Co Carlow	APPLICATION FINALI	17/04/2024
Wexford County Council	20240408	Permission to construct a single storey dwelling with services Medophall, Ballyoughter		15/04/2024
Wicklow County Council	24175	(1) demolish extensions to rear and side of dwelling, (2) permission Ballard , Shillelagh , Co. Wicklow	APPLICATION FINALI	15/04/2024
Wexford County Council	20240395	Permission for retention for conversion of existing garage to home Craane, Bree		12/04/2024
Wexford County Council	20240396	Permission consequent on the grant of outline permission Curraduff (ed Rossard), Rossard		12/04/2024
Wexford County Council	20240400	Permission to erect an agricultural storage shed and carry out Moneydurtlow, Tombrack	New Application	12/04/2024
Wexford County Council	20240392	Permission for the erection of a fully serviced dwelling house Berkeley, Whitemoor		11/04/2024
Wexford County Council	20240394	Permission to erect a single storey serviced dwelling house and to c Ballytarsna, Castle Talbot		11/04/2024
Carlow County Council	2460086	the construction of a new two story dwelling house, domestic gara Kilbrannish South , Bunclody , Co Carlow	APPLICATION FINALI	11/04/2024
Carlow County Council	2460087	the demolition of the existing entrance porch to a single-storey dw: Sheean Garryhill , Muine Bheag , Co. Carlow	FURTHER INFORMAT	11/04/2024
Wexford County Council	20240388	Permission for 1. Retention of extension (Attic conversion) and alte Cornwall, Killurin		10/04/2024
Wexford County Council	20240377	Permission for retention for alterations to previously permitted dev Killowen, Huntingtown	Appealed	09/04/2024
Wexford County Council	20240378	Permission for the erection of a two storey extension to an existing Askinfarney/ Courtnacuddy, The Leap/ Castleboro		09/04/2024
Wexford County Council	20240381	Permission for the following: To construct a single storey self conta Ballowen or Ramsfortpark, Gorey Rural		09/04/2024
Wexford County Council	20240386	Permission for retention of existing dwelling house which is connec Newtownbarry, Newtownbarry		09/04/2024
Wexford County Council	20240387	Permission to erect a dwelling house with services and domestic ga Mounthoward Lower, Monamolin		09/04/2024
Kilkenny County Council	2460168	to erect a new dwelling house, garage/store, treatment system anc Knockbodaly , Graiguenamanagh , Co.Kilke NEW APPLICATION		09/04/2024
Wexford County Council	20240371	Permission for the erection of a fully serviced dwelling, domestic ga Ballyvergin, Kilgarvan		08/04/2024
Carlow County Council	2460082	to construct vehicular entrance with gate to side of dwelling house Cois Abhann at Viaduct , Knocknagundarra; APPLICATION FINALI		08/04/2024
Carlow County Council	2460083	to construct a dwelling house with services, domestic garage and al Kilcoltrim , Borris , Co. Carlow	FURTHER INFORMAT	08/04/2024
Wexford County Council	20240365	Permission for retention for 1) Relocation of dwelling house grante: Tomanoole, Castledockrell		05/04/2024
Wexford County Council	20240369	Permission for: 1. Retention of extensions (including converting ga Bulgan, Glynn		05/04/2024

Wexford County Council	20240545	Permission for retention and completion of domestic storage shed Killann, Killann		16/05/2024
Wexford County Council	20240546	Permission for the erection of a domestic garage together with all a Bloomfield, Enniscorthy Rural		16/05/2024
Carlow County Council	2460128	the construction of a single-storey garden office to the south corne 39 Beechwood Close , Bagenalstown , Co. C	APPLICATION FINALI	16/05/2024
Carlow County Council	2460129	the following areas as part of a 2 storey existing dwelling (granted i Ouragh Road , Tullow , Co. Carlow	FURTHER INFORMAT	16/05/2024
Wexford County Council	20240543	Permission for the following works: (a) refurbishment of existing Tomona, Kiltalea		15/05/2024
Wicklow County Council	24220	to upgrade existing sewerage facilities and all associated site works Coolattin , Shillelagh , Co. Wicklow	APPLICATION FINALI	15/05/2024
Carlow County Council	2460126	retention for the location of a treatment plant connected to existin The Old Mill , St Mullins & Glebe , St. Mullin	FURTHER INFORMAT	15/05/2024
Wexford County Council	20240534	Permission to erect a dwelling house with services and domestic ga Kilpierce, Ballyhuskard		14/05/2024
Wexford County Council	20240539	Permission for tunnels for the purpose of sowing soft fruits Ballyeden, The Leap		14/05/2024
Wexford County Council	20240526	Permission for the following: a) The construction of a single storey i Misterin, Barronstown		13/05/2024
Wexford County Council	20240527	Permission to demolish existing derelict dwelling house and to con: Templeshannon, Enniscorthy Urban		13/05/2024
Wexford County Council	20240528	Permission to construct a fully serviced dwelling house and garage Springmount, Killann		13/05/2024
Wexford County Council	20240533	Permission to erect a fully serviced dwelling house and domestic ga Ferns Upper/Newtown (ed Kilbora), Ferns/Kilbora		13/05/2024
Carlow County Council	2460120	to (1) construct new kennels and associated dog runs, (2) The convi Ballykealey , Ballon , Co Carlow	FURTHER INFORMAT	13/05/2024
Carlow County Council	2460123	to construct a domestic store / garden room & all associated site w 28 The Links Rathoe Road , Tullowbeg Tullc	APPLICATION FINALI	13/05/2024
Wicklow County Council	2460267	a single storey dwelling, detached garage, bored well, new entranc Ballingate , Carnew , Co. Wicklow	NEW APPLICATION (	13/05/2024
Carlow County Council	2460117	a new light industrial unit, together with all associated site and lanc Milltown , Garryhill , Bagenalstown	FURTHER INFORMAT	11/05/2024
Wexford County Council	20240520	Permission to a) erect a single storey extension containing 2 additic Knocknagross/Mackmine, Ballyhoge		09/05/2024
Wexford County Council	20240521	Permission for the change of use from former office/retail to reside Enniscorthy, Enniscorthy Urban		09/05/2024
Wexford County Council	20240507	Permission for retention for the construction of a lake and all assoc Kyle Upper, Kilpatrick	New Application	07/05/2024
Wexford County Council	20240505	Permission for the retention of a horse walker together with all ass Caim, Killoughrum	Appealed	07/05/2024
Wexford County Council	20240507	Permission for retention for the construction of a lake and all assoc Kyle Upper, Kilpatrick		07/05/2024
Wexford County Council	20240508	Permission to erect a dwelling house with services and domestic ga Bolacreen, Ballymore		07/05/2024
Wexford County Council	20240513	Permission for erection of extensions to and refurbishment of dwel Templeshannon, Enniscorthy Urban		07/05/2024
Wexford County Council	20240514	Permission for retention of existing domestic structures including g Cloheden, Castleboro		07/05/2024
Wexford County Council	20240494	Permission for retention for 1) existing extension to side of dwelling Boladurragh, Rossard		03/05/2024
Wexford County Council	20240495	Permission for the construction of a new two storey dwelling, domi Garryhasten, Moyacomb		03/05/2024
Wexford County Council	20240496	Permission to demolish existing extension, construct new rear exte Garrylough Lower, Kilmallock		03/05/2024
Wexford County Council	20240501	Permission for retention of garage/store constructed to the side of Rathturtin, Clonroche		03/05/2024
Carlow County Council	2460109	the construction of a dormer style dwelling, new entrance, bored w Seskinryan , Bagenalstown , Co. Carlow	NEW APPLICATION (	03/05/2024
Carlow County Council	2460111	smoking area as constructed to the side of existing funeral home, ti Barrack Street / Bridge Street , Tullow , Co. DECISION MADE (		03/05/2024
Wexford County Council	20240491	Permission for retention of a 37sqm detached domestic garage Clone, Ballycarney		02/05/2024
Wexford County Council	20240482	Permission for the erection of a fully serviced dwelling house and c Monagear, Tinnacross		01/05/2024
Wexford County Council	20240484	Permission for the erection of a single storey extension and elevati Bola More, Rossard		01/05/2024
Wexford County Council	20240487	Permission for the erection of a domestic garage Theoil, Edermine		01/05/2024
Carlow County Council	2460105	(a) partial demolition & internal alterations of an existing office (pri Crowsgrove , Kildavin , Co. Carlow	NEW APPLICATION (	01/05/2024
Wexford County Council	20240472	Permission to construct a new entrance to existing vehicle sales shc Moyne Upper, Enniscorthy Rural	New Application	30/04/2024
Wexford County Council	20240474	Permission to construct 4no. two storey, three bedroom terraced d Tinteskin, Ford		30/04/2024
Wexford County Council	20240477	Permission to erect an extension to the rear of existing dwelling ho Tomnaboley Lower, Kilcormick		30/04/2024
Wexford County Council	20240478	Permission to extend existing pottery studio located in existing stor Mangan, Killoughrum		30/04/2024
Carlow County Council	2460104	(a) removal of 2 no. existing timber storage sheds with floor area oi Ballybrommell , Fenagh , Co. Carlow	APPLICATION FINALI	30/04/2024
Wexford County Council	20240466	Permission for the proposed erection of alterations and extensions Coolbaun, Ferns		29/04/2024
Wexford County Council	20190410	PERMISSION FOR (A) DEMOLITION WORKS EXTERNALLY CONSIST O BALLYBOGGAN UPPER, ARTRAMON		26/04/2024
Wexford County Council	20240456	Permission for the proposed erection of an open viewing stand to t Rathnure Upper, Killann		26/04/2024
Wexford County Council	20240457	Permission for retention for 2 velux roof windows to side of dwellin Enniscorthy, Enniscorthy Rural		26/04/2024
Wexford County Council	20240458	Permission to construct a fully serviced dwelling house and garage Cloroge Beg, Rossard		26/04/2024

Wexford County Council	20240656	Permission to make amendments to the development permitted under Gorey Corporation lands, Gorey Urban	New Application	11/06/2024
Wexford County Council	20240659	Permission for renovation and refurbishment of existing derelict Kilgibbon, Bree		11/06/2024
Wexford County Council	20240662	Permission for retention of the conversion of existing domestic garage Castleland, Ferns		11/06/2024
Wexford County Council	20240663	Permission to erect an extension to the rear of existing dwelling house Ferns Lower, Ferns		11/06/2024
Wexford County Council	20240665	Permission to erect a dwelling house with services and domestic garage Templeshannon, Enniscorthy Rural		11/06/2024
Wexford County Council	20240666	Permission for the erection of a fully serviced dwelling and associated Ballynaslaney, Edermine		11/06/2024
Wexford County Council	20240668	Permission for retention of an existing domestic shed to rear of Rahale, Edermine		11/06/2024
Carlow County Council	2460159	the proposed erection of a warehouse building including external storage Loughmartin Business Park, Tullow, Carlow	FURTHER INFORMATION	11/06/2024
Wexford County Council	20240649	Permission to erect an extension to the side of dwelling and all associated Knock Brandon Upper, Monaseed		10/06/2024
Carlow County Council	2460157	the replacement of existing derelict house in accordance with Carlow Lisalic, Borris, Co. Carlow	APPLICATION FINALISED	10/06/2024
Carlow County Council	2460158	the construction of dwelling house and associated garage together Tinnahinch, St Mullins Lower, County Carlow	APPLICATION FINALISED	10/06/2024
Wexford County Council	20240646	Permission for (a) demolition and removal of existing domestic garage Ballyroe (Nunn), Castle Ellis / Monroe (Castle Ellis)		07/06/2024
Wicklow County Council	24256	permission to erect a dwelling with services and domestic garage at Coolattin, Shillelagh, Co. Wicklow	NEW APPLICATION	07/06/2024
Kilkenny County Council	2472	to undertake the following works at the existing vacant property (1) Lower Main Street, Graiguenamanagh, Co. Wicklow	FURTHER INFORMATION	07/06/2024
Wexford County Council	20240640	Permission for the demolition of an existing two storey dwelling Ballygalvert, Clonleigh		06/06/2024
Carlow County Council	2460155	the construction of a new cattle shed with underground slatted tank Ballynoe, Ardattin, Co. Carlow	FURTHER INFORMATION	06/06/2024
Wexford County Council	20240636	Permission for the retention and completion of extensions and alterations Caim, Killoughrum		05/06/2024
Wexford County Council	20240637	Permission for the erection of extension and alterations to existing Enniscorthy, Enniscorthy Rural		05/06/2024
Carlow County Council	2427	the placement of a food truck, serving hot food and drinks, within the rear of Osborne's Bar, Main Street, Carlow	FURTHER INFORMATION	05/06/2024
Wexford County Council	20240626	Permission for the erection of extension and alterations to existing Ballybeg, Ballyhuskard		04/06/2024
Wexford County Council	20240632	Permission to demolish existing partially constructed dwelling house Cullentragh, Kiltaly		04/06/2024
Wexford County Council	20240633	Permission for retention of alterations to the plans, elevations and drawings Ballygarra, Killincooly		04/06/2024
Kilkenny County Council	2460258	retention of extension to side of the existing dwelling and all associated Ballinavarry English, Graiguenamanagh, Co. Wicklow	APPLICATION FINALISED	04/06/2024
Wexford County Council	20240623	Permission for a two storey extension to existing property consisting Knock Brandon Upper, Monaseed		31/05/2024
Wicklow County Council	24248	retention of 1) existing domestic garage 2) existing games room and Gorteen, Tinahely, Co. Wicklow	FURTHER INFORMATION	31/05/2024
Wexford County Council	20240619	Permission to erect a serviced dwelling house with detached dome Knockadilly, Wells		30/05/2024
Carlow County Council	2460146	the construction of a Single Storey Dwelling, garage, wastewater treatment Cournellan, Borris, Co. Carlow	FURTHER INFORMATION	30/05/2024
Wexford County Council	20240601	Permission for retention of existing domestic garage Glenour, Kilgarvan		28/05/2024
Wexford County Council	20240606	Permission for retention of a facility for minibus parking Tombrackwood/Craan (ED Ferns), Ferns		28/05/2024
Wexford County Council	20240607	Permission for retention of offices on the first floor of the extension Tomnafunshoge, Enniscorthy Rural	New Application	28/05/2024
Wexford County Council	20240608	Permission for the erection of a fully serviced dwelling house and detached Templenacroha, Barronstown		28/05/2024
Wexford County Council	20240609	Permission for the change of use of an existing shed from retail Tominearly and Tomfarney, Clonroche		28/05/2024
Wexford County Council	20221617	Permission to erect a two-storey dwelling with services, car port on Clone, Ballycarney		27/05/2024
Wexford County Council	20240599	Permission for the erection of an agricultural cattle shed with slatted Ballynabearna, Barrack Village		27/05/2024
Wexford County Council	20240595	Permission for the erection of a fully serviced dwelling house Toberfinnick, Artramon		24/05/2024
Wexford County Council	20240585	Permission to 1) demolish existing dwellinghouse and 2) permission Garryhasten, Moyacomb		23/05/2024
Wexford County Council	20240586	Permission to erect a dwelling with services and domestic garage at Beaufield, Moyacomb		23/05/2024
Wexford County Council	20240588	Permission for retention for 1) alterations & extensions to dwelling Tomadilly, Marshalstown		23/05/2024
Wexford County Council	20240589	Permission for existing extension to rear of existing domestic garage Ballyprecas, Newtownbarry		23/05/2024
Carlow County Council	2460136	for 1) Conversion of the existing first floor and part of ground floor Market Square, Moneybeg, Muine bheag	FURTHER INFORMATION	23/05/2024
Wexford County Council	20240571	Permission for the erection of a granny flat attached to the side Ballyoughna, Ballygarrett		22/05/2024
Wexford County Council	20240579	Permission for retention of a domestic garage/store and associated Enniscorthy, Enniscorthy Rural		22/05/2024
Carlow County Council	2460135	to construct a two storey & part single storey dwelling, appropriate Ballytimmin, Fenagh, Co. Carlow	APPLICATION FINALISED	21/05/2024
Wexford County Council	20240558	Permission for minor alterations to a dwelling house, domestic shed Rathduff, Killann		20/05/2024
Wexford County Council	20240563	Permission for the erection of 2 no. extensions to the side and rear Curclogh, Castle Ellis		20/05/2024
Wexford County Council	20240551	Permission for development consisting of the renovation of existing Ballywoodrane, Ballyvaldon		17/05/2024

Carlow County Council	2460183	the erection of a dwelling house, garage, installation of a treatment system and associated site works	St. Mullins, Co. Carlow	FURTHER INFORMATION	01/07/2024
Carlow County Council	2460184	a Domestic Shed and associated site works	Kilknock, Ballon, Co Carlow	FURTHER INFORMATION	01/07/2024
Carlow County Council	2428	deviations to the granted planning permission PL03/504 which includes Carriglead, St. Mullins, Co. Carlow		DECISION MADE	28/06/2024
Wexford County Council	20240746	Permission for alterations and extension (21 m2) to existing hotel to Bessmount, Killoughrum			27/06/2024
Wexford County Council	20240747	Permission for retention for 1) Relocation of dwelling house granted Ballykelly, Kilmallock			27/06/2024
Wexford County Council	20240748	Permission consequent on the grant of outline permission	Ballindaggan, Ballindaggan		27/06/2024
Wexford County Council	20240749	Permission for retention for 1) the subdivision of dwelling house to Newtownbarry, Newtownbarry			27/06/2024
Wexford County Council	20240750	Permission for the erection of extension to side of existing dwelling	Coolgarrow, Ballyhuskard		27/06/2024
Wexford County Council	20240753	Permission for retention for a new entrance to existing vehicle sale	Moyné Upper, Enniscorthy Rural		27/06/2024
Carlow County Council	2460182	the construction of 3no. two storey four-bedroom detached dwelling	Barrack Street, Tullow, Co. Carlow	FURTHER INFORMATION	27/06/2024
Wexford County Council	20240723	Permission for the conversion of old derelict structures to living	Newfort, Castle Ellis		25/06/2024
Wexford County Council	20240732	Permission for proposed erection of a fully serviced dwelling house	Tomnallossett, Enniscorthy Rural		25/06/2024
Wexford County Council	20240734	Permission for the retention and completion of a shed for housing	Caim, Killoughrum	Appealed	25/06/2024
Wexford County Council	20240721	Permission to erect a dwelling with services and domestic garage	at Boleany, Ardamine		24/06/2024
Wexford County Council	20240722	Permission for change of use of existing commercial premises (office)	Templeshannon, Enniscorthy Rural		24/06/2024
Carlow County Council	2460175	subdivision of existing dwelling to include a family flat, permission	at Rathgeran, Ballymurphy Borris, Co. Carlow	FURTHER INFORMATION	24/06/2024
Wicklow County Council	2460365	a treatment system and percolation area, 1 no. log cabin (general)	Ballyconnell, Co. Wicklow	FURTHER INFORMATION	24/06/2024
Wexford County Council	20240714	Permission to construct an extension to side and front of existing dwelling	at Raheendarrig, Monamolin		21/06/2024
Wexford County Council	20240715	Permission to construct a fully serviced two-storey dwelling house	Effernoge, Tinnacross		21/06/2024
Wexford County Council	20240716	Permission for the construction of 33.9 m2 steel framed & clad garage	Enniscorthy, Enniscorthy Rural		21/06/2024
Wexford County Council	20240717	Permission to erect a dwelling with services and domestic garage	Ballynastraw, Moyacomb		21/06/2024
Wexford County Council	20240718	Permission to demolish existing fire damaged dwelling and erect in	Ballymackesy, Clonroche		21/06/2024
Wexford County Council	20240706	Permission for the construction of a new main entrance to serve the	Ballynaglogh, Castle Talbot		20/06/2024
Wexford County Council	20240707	Permission for (i) retention of existing domestic garage/store	Ballyorley Upper, Kilcormick		20/06/2024
Wexford County Council	20240708	Permission for retention of the following (Planning Register No. 200)	Clone West, Monamolin		20/06/2024
Wexford County Council	20240709	Permission for retention of the following (Planning Register No 200)	Clone West, Monamolin	New Application	20/06/2024
Carlow County Council	2460172	retention permission for the construction of a single storey extension	Avondale, Cunaberry, Ballon	DECISION MADE	20/06/2024
Wicklow County Council	2460356	change of house design from that previously granted under planning	Main Street Kilquigan, Coolkenno Tullow	FURTHER INFORMATION	20/06/2024
Wexford County Council	20240701	Permission for retention of existing single storey building consisting	Tomnafunshoge, Enniscorthy Rural		19/06/2024
Carlow County Council	2460170	alterations and additions to an existing single storey house, demolition	Milltown, Kilbride, Co. Carlow	DECISION MADE	19/06/2024
Wexford County Council	20240690	Permission for the construction of a road underpass for agricultural	Monbay Lower/Monbay Upper, Rossminoge		18/06/2024
Wexford County Council	20240693	Permission to erect a dwelling house with services and domestic garage	Craanhill, Kilnahue		18/06/2024
Wexford County Council	20240694	Permission for the construction of a new two storey dwelling	Ballynaslaney, Edermine		18/06/2024
Wicklow County Council	24272	a dwelling house with services and all associated site works	Killinure, Coolkenno, Tullow	FURTHER INFORMATION	17/06/2024
Carlow County Council	2460165	for the following, 1. the construction of a domestic store and a boiler	Ballwilliamroe, Bagenalstown, Co. Carlow	FURTHER INFORMATION	17/06/2024
Carlow County Council	2460167	construction of single storey extension to rear of existing dwelling	at 2 Phillip Street, Killcarrig Muine Bheag, Co	DECISION MADE	17/06/2024
Wexford County Council	20240685	Permission for retention for the erection of a steel frame training garage	Rahale, Edermine		14/06/2024
Wexford County Council	20240686	Permission for retention for changes to garage granted under planning	Bola More, Rossard		14/06/2024
Kilkenny County Council	2460279	to retain (A) a 4sqm single storey extension to the rear (north) of the	Brookhill Lodge Barrowmount, Goresbridge	APPLICATION FINALISED	14/06/2024
Wexford County Council	20240682	Permission for the erection of a fully serviced dwelling house	Ballyboro, Castleboro		13/06/2024
Carlow County Council	2460161	the proposed development comprises the construction of: A) a 106	Tullow Industrial Estate, Bunclody Rd Tullow	NEW APPLICATION	13/06/2024
Carlow County Council	2460163	retention planning permission is sought for as built detached dome	Donore, Bagenalstown, Co. Carlow	DECISION MADE	13/06/2024
Wexford County Council	20240672	Permission to erect a serviced dwelling house, to erect a domestic	at Legnaglogh, Monamolin		12/06/2024
Wexford County Council	20240651	Permission for demolition of existing outbuildings and erection of a	Oulartwickbeg, Kilcormick		11/06/2024
Wexford County Council	20240652	Permission to construct a fully serviced dwelling house and garage	Ballyprecas, Newtownbarry		11/06/2024
Wexford County Council	20240653	Permission for 1) new clubhouse building 2) alterations to entrance	Coolree, Kiltalea		11/06/2024

Wexford County Council	20240888	Permission for retention for development which consists of dog kennel Templeludigan, Clonleigh	New Application	25/07/2024
Wexford County Council	20240890	Permission to construct a domestic garage with associated site works Bree, Bree	New Application	25/07/2024
Wicklow County Council	2460445	construction of a dwelling with an on-site effluent treatment system Raheenglass, Coolfancy, Tinahely	NEW APPLICATION	24/07/2024
Kilkenny County Council	2495	for the extension of the milking parlour into the existing dairy and the Tintine, The Rower, Co Kilkenny	NEW APPLICATION	24/07/2024
Wexford County Council	20240873	Permission for retention of existing single storey extension to side of Garrydaniel, Monamolín	New Application	23/07/2024
Wexford County Council	20181517	Permission for the construction of a new cattle shed (to include a silage Askabeg, Bolaboy	New Application	22/07/2024
Carlow County Council	2460209	to remove the existing chimney, build 3m2 front porch and 105m2 Newtown Road, Nurney, Co. Carlow	NEW APPLICATION	20/07/2024
Wexford County Council	20240862	Permission for refurbishment, alterations and extension to existing Bleachlands, Edermine		19/07/2024
Wexford County Council	20240869	Permission to construct 1.8 m. high concrete block walls (without railings) Greenville, Enniscorthy Rural	New Application	19/07/2024
Wexford County Council	20240853	Permission for the removal of existing front porch and lean to extension Forreestown, Castleboro		18/07/2024
Wexford County Council	20240854	Permission to erect a dwelling house with services and domestic gas Milehouse, Marshalstown		18/07/2024
Wexford County Council	20240855	Permission for retention of the following: Existing garden storage shed Knockduff (ED Tinnacross), Tinnacross		18/07/2024
Wexford County Council	20240858	Permission to erect an extension to the side of existing dwelling Ballycanew, Ballycanew		18/07/2024
Wexford County Council	20240859	Permission for the following: a) The construction of a single storey extension Misterin, Barronstown		18/07/2024
Carlow County Council	2460204	the demolition of my existing workshop, permission for the construction of a new Royal Oak Rd, Bagenalstown, Co. Carlow	NEW APPLICATION	18/07/2024
Wexford County Council	20240851	Permission for the erection of a fully serviced dwelling house Ballygalvert, Cloneigh		17/07/2024
Wexford County Council	20240852	Permission for retention of the following development (i) minor alterations Garraun (Ballaghkeen North By), Ballyvaldon		17/07/2024
Wexford County Council	20240845	Permission for the proposed raising of existing site levels with topsoil Quarry, Ballymore		16/07/2024
Wexford County Council	20240846	Permission to construct a 70.59 m2 extension to side and rear of existing Ballyfarnoge, Castle Ellis		16/07/2024
Wexford County Council	20240840	Permission to erect a dwelling house with services and domestic gas Corragh, Moyacomb		15/07/2024
Wexford County Council	20240841	Permission for development which will consist of:- internal reconfiguration Newtownbarry, Newtownbarry		15/07/2024
Carlow County Council	2460201	to (1) renovate and convert an existing outbuilding into a self-catered Main Street, Borris, Co Carlow	DECISION MADE	15/07/2024
Wexford County Council	20240834	Permission for the retention of an existing domestic garage to the rear of Templeshannon, Enniscorthy Urban		12/07/2024
Wexford County Council	20240824	Permission for retention for 1) conversion of attic space to home office Courtclogh Upper, Castle Talbot		11/07/2024
Wexford County Council	20240825	Permission for retention for existing entrance for dwelling house on Ballynahallin, Enniscorthy Rural		11/07/2024
Wexford County Council	20240827	Permission consequent on the grant of outline permission relevant Kilmuckridge, Ballyvaldon		11/07/2024
Carlow County Council	2460195	ground floor extension to rear of existing house, refurbishment of the Viaduct, Scortreen, Borris	FURTHER INFORMATION	11/07/2024
Carlow County Council	2460194	The restoration and conversion of an existing vernacular stone shed Newtown, Bagenalstown, Carlow	FURTHER INFORMATION	10/07/2024
Kilkenny County Council	2489	of planning permission reference 16/331 Ballyogan, Graiguenamanagh, Co. Kilkenny	APPLICATION FINAL	09/07/2024
Wexford County Council	20240801	Permission to demolish existing 73.35 m2 flat roof extension to side of Kilnamanagh Upper, Wells		08/07/2024
Wexford County Council	20240802	Permission to convert the existing attic space and to include a new Ballinkeel, Kilmallock		08/07/2024
Wexford County Council	20240804	Permission for the change of use of the first and second floors from Gorey Corporation lands, Gorey Urban		08/07/2024
Wexford County Council	20240806	Permission for the demolition of an existing shed and permission for Wilkinstown, Whitechurch		08/07/2024
Wexford County Council	20240807	Permission for retention of a domestic garage and permission for the Killann, Killann		08/07/2024
Wexford County Council	20240795	Permission for the erection of a fully serviced new dwelling together with Courtacuddy, Castleboro		05/07/2024
Wexford County Council	20240797	Permission for the development of a service station. The development Knockmullen, Gorey Rural		05/07/2024
Carlow County Council	2460190	to construct a dwelling house with services, agricultural workshop shed and Coolroe, Clonegal, Co. Carlow	FURTHER INFORMATION	05/07/2024
Wexford County Council	20240783	Permission for retention for unauthorised works carried out to the Glebe (Ballaghkeen South By), Castle Talbot	New Application	04/07/2024
Wexford County Council	20240784	Permission for the construction of a new carport with roof between Ramstown Lower, Gorey Rural		04/07/2024
Carlow County Council	2460188	to erect an extension to the side of a dwellinghouse, carry out alterations Ullard Beg, Myshall, Co. Carlow	FURTHER INFORMATION	04/07/2024
Wicklow County Council	2460398	construction of a single storey 2nd. Classroom Special Education Unit Scoil Aodán Naofa, Carnew, Co. Wicklow	FURTHER INFORMATION	04/07/2024
Wexford County Council	20240776	Permission for the proposed erection of a fully serviced dwelling house Coolmain, Edermine		03/07/2024
Carlow County Council	2460187	the construction of a single storey extension to the side and a two-storey 66 Saint Brigid's Crescent, Muine Bheag, Co. Carlow	NEW APPLICATION	03/07/2024
Wexford County Council	20240764	Permission to erect a dwelling house with services and domestic gas Crane, Tinnacross		02/07/2024
Wexford County Council	20240766	Permission for retention of an existing agricultural storage shed and Ballina Lower (ed Kilmallock), Kilmallock		02/07/2024
Wicklow County Council	2460391	a) demolition of existing rear single storey extension and out house 14 Main Street, Ballard Shillelagh, Co. Wick	NEW APPLICATION	02/07/2024

Wexford County Council	20240993	Permission for retention of opening time on Sundays and bank holi Tomnafunshoge, Enniscorthy Rural	New Application	20/08/2024
Carlow County Council	2460242	the construction of a new single story dwelling, domestic garage, d Kilcarry , Clonegal , Co. Carlow	NEW APPLICATION (	20/08/2024
Wexford County Council	20240985	Permission to erect (1) a steel framed agricultural shed for machine Ballaghboy, Gorey Rural	New Application	19/08/2024
Wexford County Council	20240987	Permission to a) upgrade an existing entrance which will include th Cooladine, Ballyhuskard	New Application	19/08/2024
Carlow County Council	2460239	the construction of a single-storey dwelling, associated effluent tre Ballinree , Borris , Co. Carlow	NEW APPLICATION (	16/08/2024
Wexford County Council	20240975	Permission to construct a fully serviced dwelling house and garage Kilbora, Kilbora	New Application	15/08/2024
Wexford County Council	20240979	Permission for the proposed erection of extensions and alterations Marshalstown, Marshalstown	New Application	15/08/2024
Carlow County Council	2436	a single storey dwelling, detached garage, foul treatment system & Kilcoltrim , Borris , Co. Carlow	NEW APPLICATION (	14/08/2024
Wicklow County Council	2460497	the construction of 7 no. detached dwellings , the provision of a n Raheenglass , Coolboy , Co. Wicklow	NEW APPLICATION (	14/08/2024
Wexford County Council	20240965	Permission for retention for the construction of a domestic garage Monasootagh, Kilcomb	New Application	13/08/2024
Wexford County Council	20240972	Permission for retention of structure to rear of existing dwelling tof Tomagaddy, Ballycanew	New Application	13/08/2024
Carlow County Council	2460233	for a) Change of Use of Existing Retail Area (18.5m2) to Retail Area Factory Cross , Borris , Co. Carlow	NEW APPLICATION (	13/08/2024
Carlow County Council	2460234	to construct a single storey dwelling, installation of a sewage treatr Kildavin , Co. Carlow , R21NT40	NEW APPLICATION (	13/08/2024
Carlow County Council	2460235	the erection of a dwelling house, garage store, installation of a trea Ballyling , St. Mullins , Co. Carlow	NEW APPLICATION (	13/08/2024
Carlow County Council	2460236	the extension of existing dwelling and all associated site works Kilcoltrim , Borris , Co. Carlow	NEW APPLICATION (	13/08/2024
Wexford County Council	20240958	Permission to erect a dwelling with serices and domestic garage an Kilcorkey, Ballycanew	New Application	12/08/2024
Wexford County Council	20240960	Permission to construct a fully serviced single storey dwelling housi Drumgold, Enniscorthy Rural	New Application	12/08/2024
Carlow County Council	2460232	erection of a storage shed and all associated site works Spahill , Borris , Co. Carlow	NEW APPLICATION (	12/08/2024
Wexford County Council	20240955	Permission to erect an agricultural storage shed and carry out asso Moneydurtlow, Tombrack	New Application	09/08/2024
Carlow County Council	2435	retention is sought for existing installed Eurotank Wastewater Trea Craans , Ardattin , Co. Carlow	NEW APPLICATION (	09/08/2024
Wexford County Council	20240943	Permission for the erection of security fencing and all associated sit Courtballyedmond, Monamolin	New Application	07/08/2024
Wexford County Council	20240936	Permission to construct a dwelling house with services, domestic g Clonamona Lower, Monaseed	New Application	06/08/2024
Wexford County Council	20240938	Permission to install a new entrance in order to access dwelling hoi Tomsallagh/Effernoge, Tinnacross	New Application	06/08/2024
Wexford County Council	20240939	Permission for the construction of a dwelling, domestic garage Ballyrahan, Gorey Rural	New Application	06/08/2024
Wexford County Council	20240941	Permission for retention of existing mobile home and permission to Tobergal, The Harrow	New Application	06/08/2024
Wexford County Council	20240942	Permission to erect a bungalow with services, domestic garage Camolin, Kilcomb	New Application	06/08/2024
Carlow County Council	2460230	the renovation and extensions of existing derelict cottage propose Ballinkillin , Co. Carlow	NEW APPLICATION (	06/08/2024
Kilkenny County Council	2460375	to construct assessable floating pontoon & disabled kayak launch a The Quay , Graiguenamanagh , Co. Kilkenn	NEW APPLICATION (	06/08/2024
Kilkenny County Council	2460378	permission for 1) Stables constructed to rear of premises, 2) Existin Priestvalley Coolroe , Graiguenamanagh , (	NEW APPLICATION (	06/08/2024
Wexford County Council	20240922	Permission to erect a new bungalow type dwelling with services an Ballyart, Ballygarrett	New Application	02/08/2024
Wexford County Council	20240923	Permission for (a) demolition of existing derelict building Litter Beg, Killincooly	New Application	02/08/2024
Wexford County Council	20240925	Permission for retention of the partial construction of a domestic g Goreycorporationlands, Gorey Urban	New Application	02/08/2024
Wexford County Council	20240926	Permission to construct a machinery storage shed (open fronted) Clohass, The Leap	New Application	02/08/2024
Wexford County Council	20240927	Permission to (1) construct extension to the side of existing dwellin Ryland Road, Newtownbarry	New Application	02/08/2024
Wexford County Council	20240929	Permission for the erection of agricultural shed with associated wori Moyne Upper, Enniscorthy Rural	New Application	02/08/2024
Wexford County Council	20240930	Permission for new vehicular entrance with associated works Ballyorrl, Marshalstown	New Application	02/08/2024
Carlow County Council	2460226	the construction of a splayed agricultural entrance with all associat Rathduff , Bagenalstown , Carlow	NEW APPLICATION (	01/08/2024
Carlow County Council	2460227	a single storey extension to the side and rear of existing dormer sty Ballyloughan , Bagenalstown , Co. Carlow	NEW APPLICATION (	01/08/2024
Carlow County Council	2460225	to erect a dwelling house with services, domestic garage and all ass Mountwolsley or Crosslow , Tullow , Co. C	NEW APPLICATION (	31/07/2024
Wexford County Council	20240902	Permission to subdivide the site boundaries as a change to that gra Askabeg, Bolaboy	New Application	29/07/2024
Wexford County Council	20240903	Permission to revise site boundaries as a change to that granted un Askabeg, Bolaboy	New Application	29/07/2024
Carlow County Council	2460218	the refurbishment and extension to existing dwelling, demolition of Glebe , St. Mullins , Co. Carlow	NEW APPLICATION (	29/07/2024
Wexford County Council	20240893	Permission for the proposed change of use of part of existing car p Killann, Killann	New Application	26/07/2024
Wexford County Council	20240897	Permission for the retention of a pay-to-use portable waste compa Shingaun, Enniscorthy Rural	New Application	26/07/2024
Carlow County Council	2460214	to 1) reinstate & refurbish existing traditional cottage / dwelling wi Rathrush , Ballon , Co. Carlow	NEW APPLICATION (	26/07/2024
Carlow County Council	2460216	the extension of existing dwelling and all associated site works Ballyknock , St. Mullins , Co. Carlow	NEW APPLICATION (	26/07/2024

Planning Applications

Planning Authority	Application Number	Development Description	Development Address	Application Status	Received Date
Carlow County Council	2460295	for a ten-year planning permission for a renewable energy develop	Rathrush, Emlicon and Bendinstown, Ballon, Co. Carlow		16/12/2024
Carlow County Council	2460410	• the replacement ("restringing") of the existing overhead line circuit	Great Island to Kellis 220kV , Kellistown East, Co. Carlow		16/12/2024
Wexford County Council	20191014E	PERMISSION FOR CONSTRUCTION OF 60 NO. DWELLINGS CONSISTING OF	CLONHASTEN, ENNISCORTHY RURAL	Extension of duration	13/12/2024
Wexford County Council	20241558	Permission for a battery energy storage system (BESS) facility. The site is	LODGEWOOD, FERNS, CO. WEXFORD	FURTHER INFORMATION	13/12/2024
Wexford County Council	20241230	Permission for works to upgrade the existing Great Island - Kellis 220	Townlands of Great Island, Aclamon, Lacken, Ballywilliam and other		07/10/2024
Wexford County Council	20241059	Permission for retention of alterations to dwelling in a revised position	Borehovel, Killenagh	New Application	03/09/2024
Wexford County Council	20241060	Planning permission to (1) erect a dwelling with services in a revised	Ballyloughlin, Monaseed	New Application	03/09/2024
Wexford County Council	20241061	Permission to erect a steel framed agricultural sheep shed consisting of	Medophall Demesne, Ballyoughter	New Application	03/09/2024
Wexford County Council	20241065	Permission for the change of use of a yard to a temporary carpark for	Newtownbarry, Newtownbarry	New Application	03/09/2024
Wexford County Council	20241066	Permission for the change of boundaries and entrance to dwelling in	Crosshue, Castle Talbot	New Application	03/09/2024
Wexford County Council	20241067	Permission for retention of works to sub-floor and for permission for	Ballytarsna Little, Castle Talbot	New Application	03/09/2024
Wexford County Council	20241054	Permission for: 1) to construct an extension to the side of existing	Ballyandrew, Tombrack	New Application	02/09/2024
Carlow County Council	2460267	to complete the lean-to shed for the storage of fuel and the open	Le Carriglead , St. Mullins , Co. Carlow	NEW APPLICATION (	02/09/2024
Wicklow County Council	2460536	an agricultural entrance on to existing laneway, all ancillary site work	Ballyconnell , Ballyconnell , Co. Wicklow	NEW APPLICATION (	02/09/2024
Wexford County Council	20241043	Permission to construct a fully serviced dwelling house, domestic	Crosshue, Castle Talbot	New Application	30/08/2024
Wexford County Council	20241044	Permission for development to comprise of the construction of a new	Mill Lands, Gorey Urban	New Application	30/08/2024
Wexford County Council	20241047	Permission for 1) to demolish existing dwellinghouse and 2) permission	Garryhasten, Moyacomb	New Application	30/08/2024
Carlow County Council	2460265	the conversion of the existing attached garage at the north-west of	Slyguff , Muine Bheag , Co. Carlow	NEW APPLICATION (	30/08/2024
Kilkenny County Council	2460414	for one new dwelling and two serviced sites with connection to main	New Ross Road , Graiguenamanagh , Co. Kilkenny	NEW APPLICATION (	30/08/2024
Wexford County Council	20241035	Permission for the erection of a fully serviced two-storey dwelling	Townamullogh, Castleboro	New Application	29/08/2024
Wexford County Council	20241037	Permission for the construction of a two storey and single storey	Gorey Corporation Lands, Gorey Urban	New Application	29/08/2024
Wexford County Council	20241039	Permission for retention and permission for completion of shed for	Milehouse, Marshalstown	New Application	29/08/2024
Wexford County Council	20241040	Permission for retention (1) for unauthorised alterations to dwelling	Barmoney, Whitechurch	New Application	29/08/2024
Wexford County Council	20241028	Permission and completion of the following: 1. a) bale & agricultural	Effernoge, Tinnacross	New Application	28/08/2024
Wexford County Council	20241030	Permission for retention to that previously granted ref. 20221024	Ballina, Castle Ellis	New Application	28/08/2024
Carlow County Council	2460259	to extend house at Carrigbeg, Bagenalstown, Co Carlow for Ken	Sw Carrigbeg , Bagenalstown , Co. Carlow	NEW APPLICATION (	28/08/2024
Wexford County Council	20241019	Permission for a development comprising of a proposed extension to	Ballinclare, Ballyoughter	New Application	27/08/2024
Wexford County Council	20241020	Permission for development comprising of a new roadside vehicle	Clone West, Monamolin	New Application	27/08/2024
Wexford County Council	20241022	Permission for retention of works to date and permission to complete	Askinamoe, Kilbora	New Application	27/08/2024
Wexford County Council	20241024	Permission for the construction of a dwelling, domestic garage	Ballyteige, Ballycanew	New Application	27/08/2024
Wexford County Council	20241014	Permission for retention for existing self contained mobile home	w Borehovel, Killenagh	New Application	26/08/2024
Wexford County Council	20241015	Permission for the construction and operation of a concrete batch	mill Brownswood, Enniscorthy Rural	New Application	26/08/2024
Wexford County Council	20241018	Permission for the proposed erection of alterations and extensions	Ballymackesy, Clonroche	New Application	26/08/2024
Carlow County Council	2460254	the conversion of the existing attached garage at the south-east of	Sherwood Heights , Sherwood Kildavin , Co. Carlow	NEW APPLICATION (	26/08/2024
Wexford County Council	20241009	Permission for change of use of lands to dry car storage area	Ballywilliam, Ballyanne	New Application	23/08/2024
Wexford County Council	20241003	Permission for the change of use existing ground floor off-licence	to Gorey Corporation Lands, Gorey Urban	New Application	22/08/2024
Wexford County Council	20241004	Permission to erect a dwelling with services and domestic garage	at Kilbride, Ballyhuskard	New Application	22/08/2024
Wexford County Council	20241005	Permission to erect a dwelling with services and domestic garage	at Kilbride, Ballyhuskard	New Application	22/08/2024
Wexford County Council	20241006	Permission for retention for 1) relocation of dwelling house granted	at Milehouse, Marshalstown	New Application	22/08/2024
Wexford County Council	20241007	Permission to erect an agricultural shed (straw-bedded shed for	sheep Derry, Ballyhuskard	New Application	22/08/2024
Wexford County Council	20240998	Permission for retention of extension and alterations to existing	do Glaslacken, St. Mary's	New Application	21/08/2024
Carlow County Council	2460248	to construct an agricultural entrance with all associated site works	Lackabeg , Kildavin , Co. Carlow	NEW APPLICATION (	21/08/2024
Wexford County Council	20240989	Permission for the erection of a domestic storage shed together with	Templenacroha, Barronstown	New Application	20/08/2024
Wexford County Council	20240990	Permission for the erection of soft fruit tunnels with associated	work Ballyeden, The Leap	New Application	20/08/2024
Wexford County Council	20240991	Permission for the construction of a dwelling and associated site	work Banogehill, Courtown	New Application	20/08/2024



APPENDIX 4-1

**CASTLEDOCKRELL LIFETIME
PREDICTION REPORT**

Strohgäustrasse 9
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**Lifetime prediction of
18x WEC Enercon E-70 E4, HH 85 m, 2300 kW
at site Castledockrell**

Customer:
Green Trust
Stationsweg 6
6861 EG Oosterbeek NL

Stefan Kleinhansl

8p2_246176_LTA_Castledockrell_3xE-70_24-03_rep_R2
Neuhausen, April 2024
Cut-off date 24.05.2024
Rev. 2.0

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0 Document history

Revision	Date	Section	Remark
1.0	24.05.2024	All	First revision of all sections

1 Introduction

In this report increased lifetime of wind energy converter (WEC) Enercon E-70 E4, hub height 85 m at site *Castledockrell* will be predicted using fatigue load calculations with environment turbulence and lower mean wind speed compared to the mean wind speed and turbulence used for WEC design.

Using the aeroelastic code *ADCoS* [2], version 2.79, the WEC Enercon E-70 E4 will be modelled using a generic aeroelastic model with same dynamic behavior of real turbine. Therefore all WEC data for a complete aeroelastic simulation (tower top mass, rotor mass, rated speed, natural frequencies aerodynamic data etc.) are available.

According to IEC 61400 [5] for both configurations (design and site) stochastic wind fields are modelled using the 3-dimensional Kaimal turbulence model.

For various wind speeds (5 m/s –25 m/s) and turbulences aeroelastic calculations are done and fatigue load spectra are determined. These loads are compared to the loads calculated for the design wind conditions. The brief analysis is based on a reduced number of simulations and the evaluation is not carried out at component level.

For the site the mean wind speed, design equivalent turbulences and distribution of wind direction are given for each turbine [3], [4].

A higher turbulence intensity at site compared to the turbulence used for the load assessment doesn't mean inevitably a risk due to stability. If the annual mean wind speed is lower than the design mean wind speed, the exceedance of turbulence can be accepted. This has to be verified by site specific dynamic load calculations.

The service life determined below only provides a guide value for the expected stability with a lower degree of accuracy and should not be considered sufficient for a stability verification at component level and for official authorities.

Disclaimer: This document is a theoretical estimate and does not take into account the actual condition of individual wind turbine components.
For a complete life extension certification, inspections must be carried out on all structural components of all wind turbines. A life extension certification report is then drawn up.

2 Technical data of WEC

Rated power	2300 kW
Rotor diameter	71 m
Hub height	85 m
Rotor blade	Enercon E4
Design life time	20 years
Average wind speed, design blade, machinery IEC TC IA	10,0 m/s
Average wind speed, design tower, foundation IEC TC IIA	8,50 m/s
Air density design	1,225 kg/m ³
Average wind speed at site ([3])	8,7 m/s

3 Calculations

Load spectra for various WTC components are calculated using the aeroelastic software „ADCoS“ Release 2.79 developed by Aero Dynamik Consult GmbH. According to IEC 61400 [5] for site Castledockrell stochastic wind fields are modelled using the 3-dimensional Kaimal turbulence model.

3.1 Design loads

For the design loads the turbulence intensity according IEC Class A is taken using the Weibull distribution given in Table 1. These loads are compared to loads at site.

WEC type [-]	Mean wind speed v_m [m/s]	Weibull distribution shape parameter k [-]
Enercon E-70 E4, 85 m HH	10,0/8,50	2,0

Table 1: Design parameters of wind distribution

3.2 Site specific loads

Castledockrell wind farm comprises of 18 wind turbines in total. The design equivalent turbulence as well as the mean wind speed is given in [3] table 2.9. Wind direction distribution is given in [4].

3.3 Comparison of design and site specific conditions

3.3.1 Design equivalent turbulence intensities

The following figure shows the design equivalent turbulence intensities for the 18 considered E-70 E4 turbines. [3].

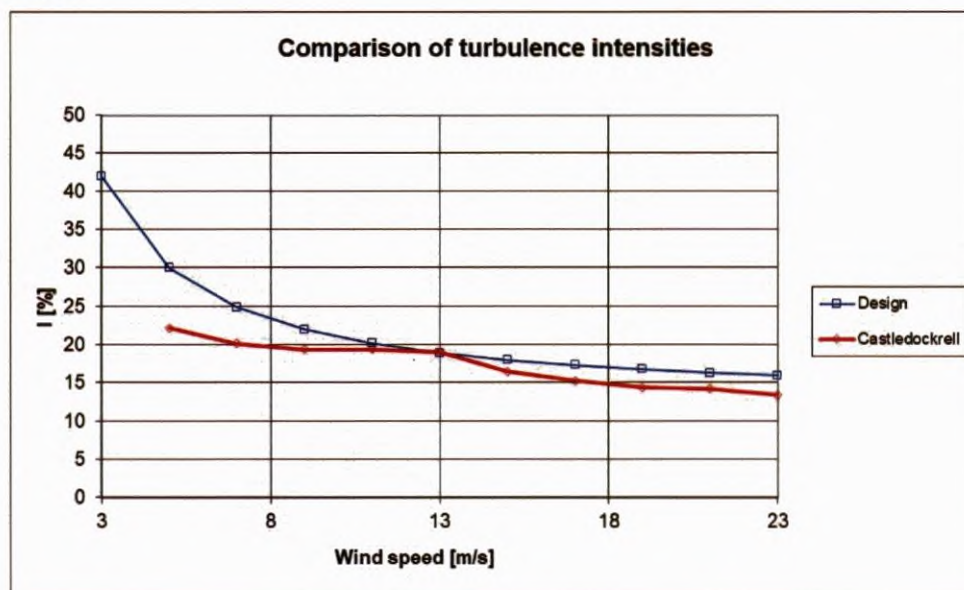


Figure 1: Comparison of turbulence intensities

V [m/s]	Design	Castledockrell
3	42.0	
5	30.0	22.2
7	24.9	20.2
9	22.0	19.4
11	20.2	19.4
13	18.9	19.0
15	18.0	16.5
17	17.3	15.3
19	16.7	14.4
21	16.3	14.2
23	15.9	13.4
25	15.6	13.6

Table 2: Design and site specific design equivalent intensities

3.3.2 Mean wind speed

	Annual mean wind speed v_m [m/s]
Design	10,0/8,50
Site	8,7
Deviation	-13,0% / +2,4%

Table 3: Annual mean wind speeds

3.3.3 Probability distribution

The design and site specific frequencies of the 600s time series to be used for the simulations are given in the following table and figure. Due to the lower annual mean wind speed the probability of higher wind speeds is less than used for the design. Therefore the exceedance of the turbulence intensity doesn't not necessary lead to an exceedance of the design life time. The numbers are given for the design lifetime of 20 years.

V [m/s]	Design machinery	Design tower	Castledockrell
3	52395	69843	67080
5	134761	172613	166869
7	156408	186517	182430
9	156612	169778	168667
11	140039	134758	136510
13	113745	94870	98377
15	84735	59814	63741
17	58245	33977	37354
19	37089	17459	19879
21	21941	8137	9634
23	12082	3447	4260
25	3642	828	1062

Table 4: Frequencies of 600s time series

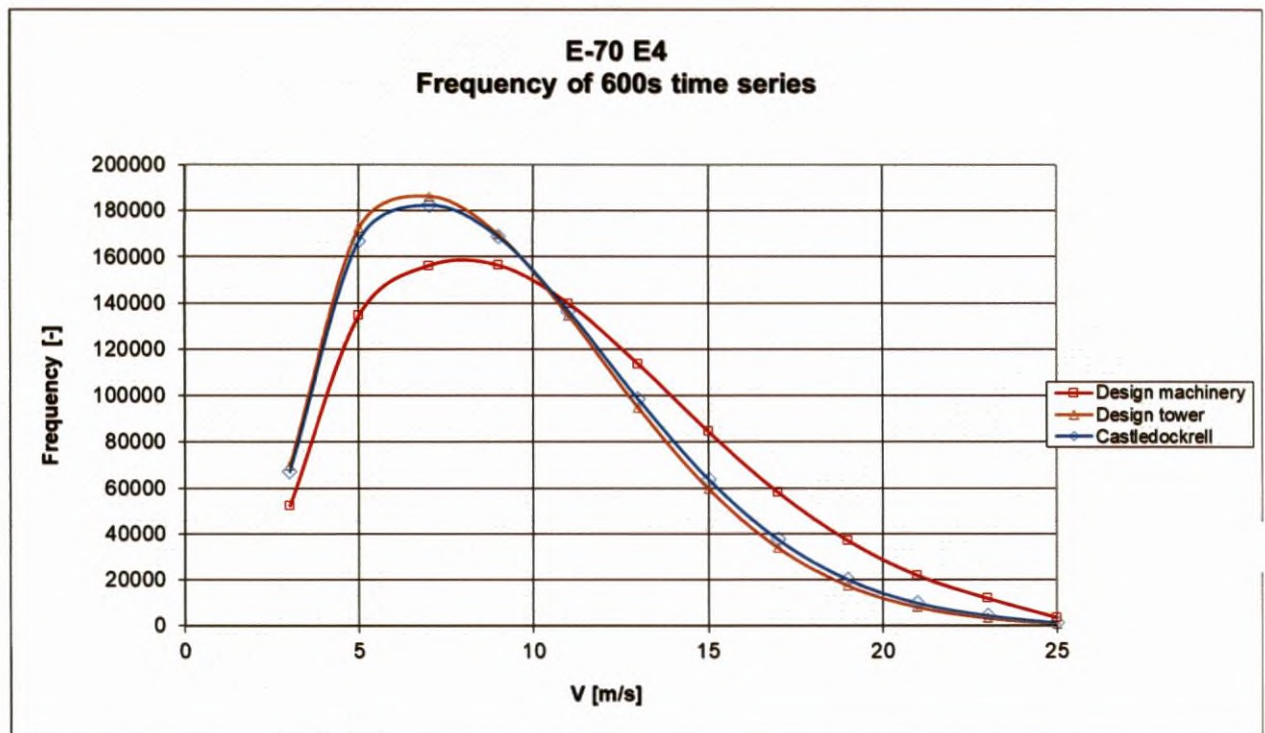


Figure 2: Comparison of 600s time series frequencies

3.3.4 Wind direction distribution

For the tower and foundation the wind direction distribution is taken into account [4].

Direction [°]	Frequency [%]
0	8.4
30	2.2
60	1.4
90	2.9
120	3.3
150	6.5
180	12.1
210	20.0
240	13.1
270	12.4
300	9.6
330	8.0

Table 5: Wind direction distribution [4] table 6.2

For all directions the damage is calculated. The highest damage is calculated for 210° wind direction.

The contribution of the other directions (0°-180° and 240°-330°) is taken into account.

4 Summary

By comparison of damage equivalent loads of WEC E-70 E4, 85m hub height at site *Castledockrell* the increase of lifetime is presented.

Since the mean wind speed for the machinery components on site is 13% below design wind speed a life time of 26 years is calculated.

For the tower the mean wind speed on site is 2,4% higher than design wind speed. Taking into account the wind direction distribution, at least the service life of 26 years for the tower can also be verified, most likely more.

Calculated minimum life all WTC components: 26 years

However, the site conditions indicate a higher calculated minimum service life. This could possibly be achieved by partially replacing the blade bolts. Since the rotor blade connection is primarily loaded by the rotor blades' gravity loads at each rotor rotation, the lower average wind speed at the site has less effect here than on other components.

However, the site conditions of the site Castledockrell indicate a higher calculated minimum service life. In addition to the lifetime prediction reported in this report an initial rough assessment of all wind turbine components has been carried out. The outcome of this initial assessment shows that the limiting wind turbine component for the site Castledockrell is the blade root connection (e.g. blade bolts), all other components should have approximately 35 life time years. In case the blade bolts will be replaced by new ones, the life time of the blade root connection will also increase to 35 years or more. It is assumed that this will be the most likely outcome after completing the complete life time extension assessment. Assuming that no major issues and/or shortcomings are identified sourcing this assessment.

As this is a simplified analysis, the calculated annual figures of a complete aeroelastic simulation may still deviate slightly.

These given numbers are lower limiting values!

These numbers are calculated under the assumption, that the components had been designed for exactly the workload of 100% in total of 20 years under design wind conditions.

8.2

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Dipl.-Ing. Stefan Kleinhansl
Neuhausen, 24. May 2024

5 List of References

- [1] TÜV Cert, "Type Certificate E-70 E4"
Enercon provided data:
 A07-Type Certificate E 70 IEC.pdf
 A07-03 Design Basis E-70-Rev2_1-eng-eng.pdf,

- [2] Aero Dynamik Consult Short Summary of Aeroelastic Code ADCoS

- [3] Garrad Hassan "Predicted Meteorological conditions for turbines at the proposed
 Castledockrell Wind Farm"
 provided data:
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- [4] Garrad Hassan "Assessment of the energy production of the proposed
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 provided data:
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- [5] IEC IEC 61400-1:2019 "Wind energy generation systems – Part 1: Design
 requirements"



APPENDIX 4-2

**EXISTING SITE LAYOUT
DRAWINGS**

Castledockrell Wind Farm, Co. Wexford

Extension of Operational Life

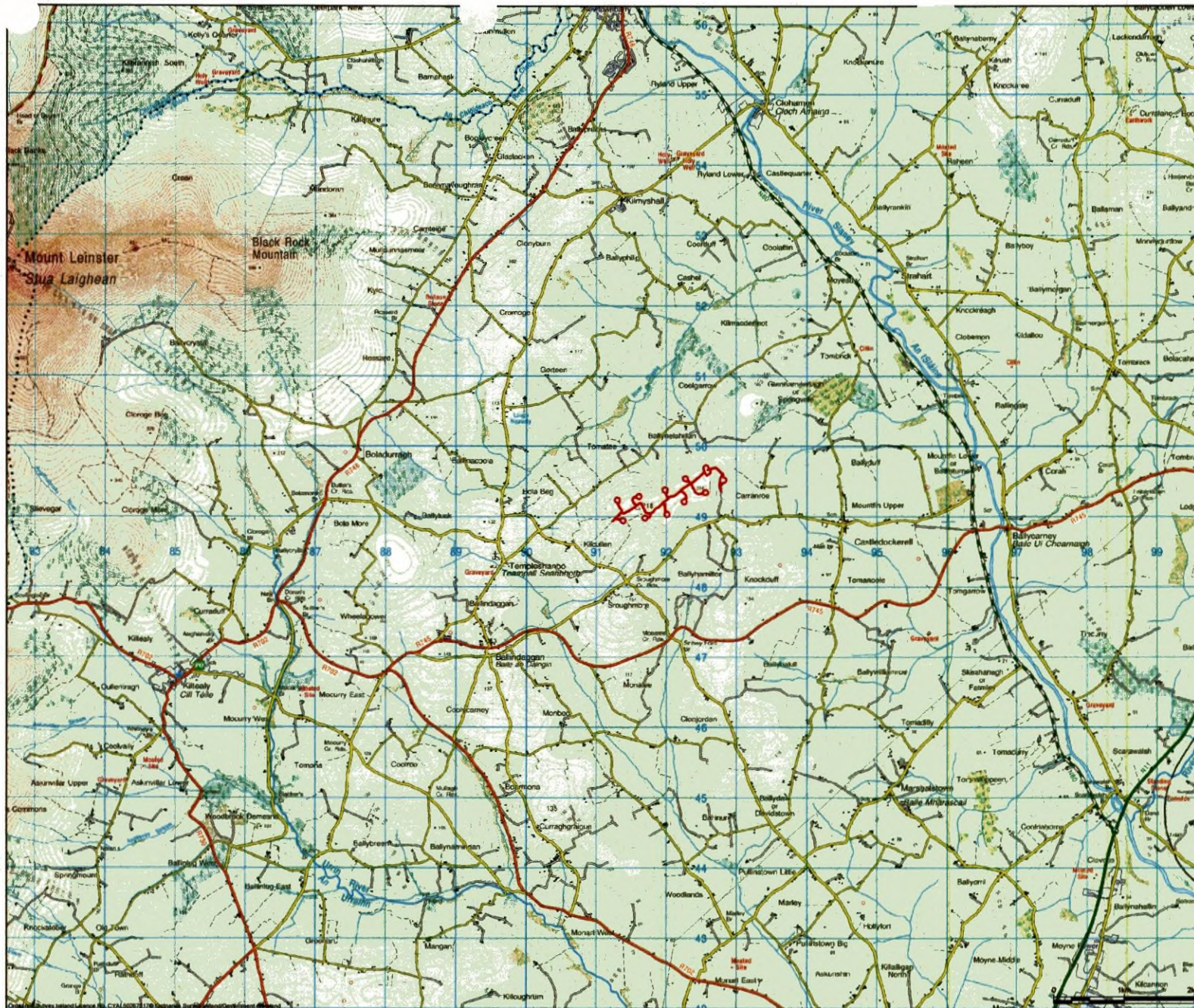
Planning Application Drawings





Schedule of Drawings

Drawing No.	Drawing Title	Scale
210847-01	Location Context Map	1: 50,000 @A3
210847-02	Site Location Map Key Plan	1: 15,000 @A3
210847-02A	Site Location Map Sheet A	1: 2,500 @A3
210847-02B	Site Location Map Sheet B	1: 2,500 @A3
210847-03	Site Layout Plan	1: 10,000 @A3
210847-04	Site Layout - Key Plan	1: 10,000 @A3
210847-05	Site Layout - Sheet 1 of 2	1: 2,500 @A3
210847-06	Site Layout - Sheet 2 of 2	1: 2,500 @A3
210847-07	Turbine Layout Key Plan	1: 10,000 @A3
210847-08	Turbine Layout Sheet 1 of 11	1:500 @A3
210847-09	Turbine Layout Sheet 2 of 11	1:500 @A3
210847-10	Turbine Layout Sheet 3 of 11	1:500 @A3
210847-11	Turbine Layout Sheet 4 of 11	1:500 @A3
210847-12	Turbine Layout Sheet 5 of 11	1:500 @A3
210847-13	Turbine Layout Sheet 6 of 11	1:500 @A3
210847-14	Turbine Layout Sheet 7 of 11	1:500 @A3
210847-15	Turbine Layout Sheet 8 of 11	1:500 @A3
210847-16	Turbine Layout Sheet 9 of 11	1:500 @A3
210847-17	Turbine Layout Sheet 10 of 11	1:500 @A3
210847-18	Turbine Layout Sheet 11 of 11	1:500 @A3
210847-19	Wind Turbine Elevations	1:500 @A3
210847-20	Turbine Foundation	1:100 @A3
A-100	110kV Substation Plan	1:100 @A1
A-101	Control Building Plan & Sections	1:100 @A1
A-200	Contextual Elevations 1	1:100 @A1
A-201	Contextual Elevations 2	1:100 @A1
A-202	Control Building Elevations	1:100 @A1



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Drawing Legend

— Planning Application Boundary



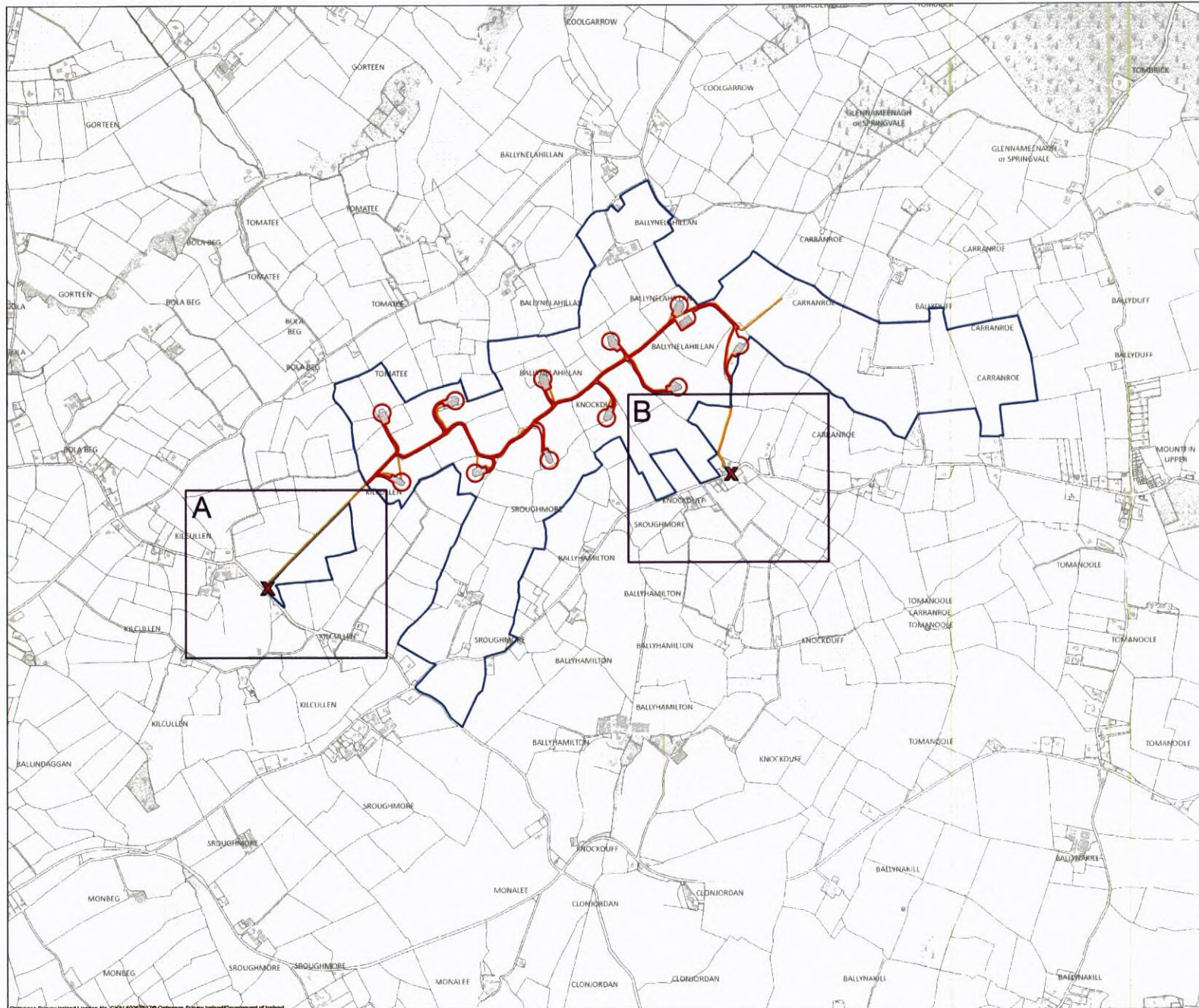
PROJECT TITLE
Castledockrell Wind Farm
Extended Operational Period

DRAWING TITLE
Location Context Map

PROJECT NO. 210847	DRAWING NO. 210847 - 01	SCALE 1:50,000 @ A3
DRAWN BY KD	CHECKED BY JW	DATE 17.10.2024
OS SHEET NO. OS2814		REVISION P01

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Drawing Legend

- Planning Application Boundary
- Landowner Blue Line Boundary
- X Site Notice
- Wayleave



PROJECT TITLE
Castledockrell Wind Farm
Extended Operational Period

DRAWING TITLE
Site Location Map Key
Plan

PROJECT No. 210847	DRAWING No. 210847-02	SCALE 1:15,000 @ A3
DRAWN BY KD	CHECKED BY JW	DATE 17.10.2024
OS SHEET No. 4889,4900,4961,4962	REVISION P01	



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