4.4

Rampion 2 WIND FARM

Volume 4, Chapter 4

The Proposed Development Appendices

GoBe wood.

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Rampion 2 WIND FARM

Volume 4, Appendix 4.1

Commitments Register

GoBe wood.

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-1	The onshore cable route will be completely buried underground for its entire length where practicable.	Scoping	Development Consent Order (DCO) works plans, description of development and requirements
C-2	Cables will be installed in ducting.	Scoping	DCO works plans, description of development and requirements
C-3	At sensitive crossing locations the onshore working width will be reduced as far as practicable.	Scoping	DCO works plans, description of development and requirements
C-4	Horizontal Directional Drill (HDD) technique will be used at the landfall location.	Scoping	DCO works plans, description of development and requirements
C-5	Main rivers, watercourses, railways and roads that form part of the Strategic Highways Network will be crossed by Horizontal Directional Drill (HDD) or other trenchless technology where this represents the best environment solution and is financially and technically feasible (see C-17).	Scoping - updated at PEIR	DCO works plans and order limits
C-6	Where practical, sensitive sites will be avoided by the temporary and permanent onshore project footprint including SSSIs, Local Nature Reserves, Local Wildlife Sites, ancient woodland, areas of consented development, areas of historic and authorised landfills and other known areas of potential contamination, National Trust Land, Listed Buildings, Scheduled monuments, and mineral resources (including existing mineral sites, minerals sites allocated in development plans and mineral safeguarding areas).	Scoping - updated at PEIR	DCO works plans and order limits

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-7	Post construction, the work area will be reinstated to pre-existing conditions as far as reasonably practical in line with the Outline Materials Management Plan (MMP) (C-69) and Defra 2009 Code of Construction Practice for the Sustainable Use of Soils on Construction Sites PB13298.	Scoping - updated at PEIR	Outline Code of Construction Practice (COCP) and DCO requirement
C-8	During both construction and operation, vehicle maintenance and refuelling of machinery will be undertaken within designated areas where spillages can be easily contained, and machinery will be routinely checked to ensure it is in good working condition. These areas at risk of spillage or containing hazardous materials, such as vehicle maintenance areas and hazardous substance stores (including fuel, oils and chemicals) will comply with industry good practice, be bunded, have appropriate containment and segregation and will be risk assessed and carefully sited to minimise the risk of hazardous substances entering the drainage system, or the local watercourses or sensitive land-based receptors. Where feasible, such areas will be sited at least 10m from a watercourse and away from areas at risk of flooding. Additionally, the bunded areas will have impermeable bases to limit the potential for migration of contaminants into groundwater following any leakage/spillage.	Scoping - updated at PEIR	Outline COCP and DCO requirement
C-9	Joint bays will be completely buried, with the land above reinstated to pre-construction ground level, with the exception of link box chambers where access will be required from ground level (via manholes). Once constructed, joint bays and link box chambers will be resilient to flooding.	Scoping - updated at PEIR	DCO works plans, description of development and requirements

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-10	No blasting is anticipated to be required and trenchless crossings will be undertaken by non-impact methods.	Scoping	Outline COCP and DCO requirement
C-11	During construction topsoil and subsoil will be stored within the temporary working corridor of the onshore cable. The topsoil and subsoil will be stored in line with Defra 2009 Construction Code of Practice for the Sustainable Use of Soils on Construction Sites PB13298, including guidance on utilising separate stockpiles and giving due consideration to adverse weather conditions. Any suspected or confirmed contaminated soils will be separated, contained and tested before removed.	Scoping - updated at PEIR	Outline COCP and DCO requirement
C-12	During topsoil stripping, machinery with low ground pressure will be used to minimise soil compaction where the soil conditions indicate that compaction is possible. Storage time will be kept to the practicable minimum to prevent the soil deteriorating in quality. Topsoil stripped from different fields will be stored separately, as will soil from hedgerow banks or woodland strips.	Scoping	Outline COCP and DCO requirement
C-13	In areas (or during periods of adverse weather) there may be the requirement to import aggregates to create a stable surface for construction traffic movements. Options such as bogmatting and geotextiles will be considered by the principal contractor for sensitive sections of the route to reduce impact.	Scoping	Outline COCP and DCO requirement
C-14	Potential risks to human health from any unexpected ground contamination will be avoided by the use of Personal Protective Equipment (PPE) and by adopting appropriate working practices.	Scoping	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-15	Contamination, if found, will be subject to an appropriate risk assessment and if necessary, either removed, treated and/or mitigated as part of the Proposed Development.	Scoping	Outline COCP and DCO requirement
C-16	Cable protection tiles will be fitted above the cables in each trench, featuring indented lettering warning of the danger of electricity below. Between the protection tiles and the ground surface will be underground plastic warning tape containing a warning text to warn future excavators of the danger of the cable below.	Scoping	DCO works plans
C-17	Where trenchless techniques are not required or are not practical, watercourses may be crossed by open cut techniques (with flows overpumped around the working area). Appropriate environmental permits or land drainage consents will be applied for works from the Environment Agency (e.g. for Main Rivers, works on or near sea defences/flood defence structures or in a flood plain) or from the Lead Local Flood Authority (LLFA) (for Ordinary Watercourse crossings) (see C-5).	Scoping - updated at PEIR	Outline COCP and DCO requirement
C-18	A crossing schedule will be prepared which includes crossing methodology for each crossing of road, rail, public right of way (PRoW) and watercourse.	Scoping	Outline COCP and DCO requirement
C-19	The onshore cable will be constructed in discrete sections. The trenches will be excavated, the cable ducts will be laid, the trenches backfilled, and the reinstatement process commenced in as short a timeframe as practicable. At regular intervals (typically 600m –	Scoping	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	1,000m) along the route joint bays/pits will be installed to enable the cable installation and connection process.		
C-20	The typical construction working area will be 50m along the onshore cable corridor to minimise the construction footprint. At other discrete locations this may be expanded to accommodate working area for example for Horizontal Directional Drilling (HDD).	Scoping	Outline COCP and DCO articles/ requirement
C-21	Vegetation will be retained where possible. Where necessary, vegetation removal will be scheduled over winter to avoid the bird breeding season. If not possible for all areas, any vegetation removal will be undertaken in line with British Standard (BS) 5837:2012 (Trees in relation to design, demolition and construction). This will be carried out under supervision and will be appropriately managed to remove the risk of damaging or destroying active nests, young or eggs. Suitable methods will also be used to ensure vegetation supporting other legally protected species is removed sensitively and in a legally compliant way.	Scoping - updated at PEIR	Outline COCP and DCO articles/ requirement
C-22	Core working hours for construction of the onshore components will be 0700 to 1900 Monday to Friday, and 0800 to 1300 on Saturdays, apart from specific circumstances to be set out and agreed in the Outline COCP.	Scoping	Outline COCP and DCO requirement
C-23	Where possible, micrositing will be undertaken during detailed design to avoid ponds.	Scoping	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-24	Best practice air quality management measures will be applied as described in Institute of Air Quality Management (IAQM) (2014) guidance on the Assessment of Dust from Demolition and Construction 2014, version 1.1.	Scoping - updated at PEIR	Outline COCP and DCO requirement
C-25	All aspects of the construction work will be in accordance with the Construction (Design and Management) Regulations 2015.	Scoping	Outline COCP and DCO requirement
C-26	Where noisy activities are planned and may cause disturbance, the use of mufflers, acoustic barriers and other suitable solutions will be applied.	Scoping	Outline COCP and DCO requirement
C-27	Following construction, construction compounds will be returned to previous conditions as far as reasonably possible.	Scoping – updated at PEIR	Outline COCP and DCO requirement
C-28	Particular care will be taken to ensure that the existing land drainage regime is not compromised as a result of construction. Land drainage systems will be maintained during construction and reinstated on completion. Temporary cut-off drains will be installed parallel to the trench-line, before the start of construction, to intercept soil and groundwater before it reaches the trench. These field drains will discharge to local drainage ditches through silt traps, as appropriate, to minimise sediment release.	Scoping	Outline COCP and DCO requirement
C-29	A depth of cover of 1.2m is assumed. Deeper trenches may be required at specific crossing locations (such as watercourses).	Scoping - updated at PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-30	Geotextiles or other membranes may be used to temporarily control and minimise erosion or transport of sediment from construction sites in areas that are considered unprotected.	Scoping	Outline COCP and DCO requirement
C-31	Any disposal off-site of excavated material will be undertaken in consultation with the landowner/occupier and in accordance with the Waste Management Regulations.	Scoping	Outline COCP and DCO requirement
C-32	Signage and/or temporary public rights of way (PRoW) /footpath diversions will be provided during construction.	Scoping	Outline COCP and DCO requirement
C-33	An Outline COCP will be adopted to minimise temporary disturbance to residential properties, recreational users and existing land users. It will provide details of measures to protect environmental receptors.	Scoping	Outline COCP and DCO requirement
C-34	RED will identify opportunities for companies based or operating in the region to access supply chain for the Proposed Development.	Scoping	Outline COCP and DCO requirement
C-35	RED will work with local partners and seek to maximise the ability of local people to access employment opportunities associated with the construction and operation of the Proposed Development.	Scoping	Outline COCP and DCO requirement
C-36	The number of wind turbine generators (WTGs) will not exceed that of the existing Rampion 1 project.	Scoping	DCO requirements or Deemed Marine Licence (DML) conditions.
C-37	The maximum blade tip height will be 325m from lowest astronomical tide (LAT) and the maximum rotor diameter will be 295m.	Scoping - updated at PEIR	DCO requirements or DML conditions.

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-38	The selection of the foundation type will primarily be based upon the site conditions combined with the wind turbine generator (WGT) that is selected. The following foundation types are being considered: Monopile and Jacket.	Scoping	DCO requirements or DML conditions.
C-39	To maintain suitable operational conditions for the combined foundation and wind turbine generator (WTG) structure, scour protection (typically consisting of rock aggregate or stone/concrete mattresses) may need to be installed. The method of scour protection will generally be to use rock armour or other large size aggregate placed around the periphery of the foundation at the seabed. However, other methods of scour protection may also be used.	Scoping	DCO requirements or DML conditions.
C-40	There will be up to three offshore substations installed to serve the Proposed Development. The exact locations, design and visual appearance will be subject to a structural study and electrical design, which is expected to be completed post consent. The offshore substations will be installed on jacket or monopile foundations, similar to those described for the wind turbine generators (WTGs) themselves.	Scoping	DCO requirements or DML conditions.
C-41	The subsea interarray cables will typically be buried at a target burial depth of 1m below the seabed surface. The final depth of the cables will be dependent on the seabed geological conditions and the risks to the cable (e.g. from anchor drag damage).	Scoping	DCO requirements or DML conditions.
C-42	The subsea inter-array cables and the subsea export cables will be installed using one or a combination of the three methods: ploughing,	Scoping	DCO requirements or DML conditions.

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	trenching or jetting. It is likely that a combination of these methods will be adopted for localised areas depending on seabed conditions. The installation methods will be selected during detailed design and tendering phases.		
C-43	The subsea export cable ducts will be drilled underneath the beach using horizontal directional drilling (HDD) techniques.	Scoping	DCO requirements or DML conditions.
C-44	An Outline Scour Protection Management Plan will be developed. It will include details of the need, type, quantity and installation methods for scour protection.	Scoping	DCO requirements or DML conditions.
C-45	Where possible, subsea cable burial will be the preferred option for cable protection. Cable burial will be informed by the cable burial risk assessment and detailed within the Cable Specification Plan.	Scoping	DCO requirements or DML conditions.
C-46	Advance warning and accurate location details of construction, maintenance and decommissioning operations, associated Safety Zones and advisory passing distances will be given via Notices to Mariners and Kingfisher Bulletins. The undertaker must ensure that a local Notice to Mariners (NtM) is issued at least 14 days prior to the commencement of the authorised Proposed Development or any part thereof advising of the start date of each activity and the expected vessel routes from the construction ports to the relevant location.	Scoping	DCO requirements or DML conditions.
C-47	Ongoing liaison with fishing fleets will be maintained during pre-construction, construction, maintenance and decommissioning operations via an appointed Fisheries Liaison Officer and Fishing	Scoping - updated at PEIR	DCO requirements or DML conditions.

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	Industry Representative to ensure that the fishing community are fully informed of any offshore activities and works. Also see C-91, C-92 and C-93.		
C-48	Monitoring of marine vessel traffic will be undertaken for the duration of the construction period.	Scoping	DCO requirements or DML conditions.
C-49	Relevant regulatory bodies will be informed of the locations, heights and lighting status of the WTGs, including estimated and actual dates of construction and the maximum height of any construction equipment to be used, prior to the start of construction, to allow inclusion on Aviation Charts.	Scoping	DCO requirements or DML conditions.
C-50	Crossing and proximity agreements with known existing subsea pipeline and subsea cable operators will be sought.	Scoping	DCO requirements or DML conditions.
C-51	A Marine Vessel Management Plan (VMP) will be developed pre-construction.	Scoping	DCO requirements or DML conditions.
C-52	A piling Marine Mammal Mitigation Protocol (MMMP) will be implemented during construction and will be developed in accordance with Joint Nature Conservation Committee (JNCC, 2010) guidance and with the latest relevant guidance and information and in consultation with stakeholders. The piling MMMP will include details of soft starts to be used during piling operations with lower hammer energies used at the beginning of the piling sequence before increasing energies to the higher levels.	Scoping - updated at PEIR	DCO requirements or DML conditions.

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-53	An Outline Marine Pollution Contingency Plan (MPCP) will be developed. This MPCP will outline procedures to protect personnel working and to safeguard the marine environment and mitigation measures in the event of an accidental pollution event arising from offshore operations relating to Rampion 2. The MPCP will also include relevant key emergency contact details.	Scoping	DCO requirements or DML conditions.
C-54	A Decommissioning Marine Mammal Mitigation Protocol (MMMP) will be implemented during decommissioning. The Decommissioning MMMP will be in line with the latest relevant available guidance.	Scoping	DCO requirements or DML conditions.
C-56	RED will apply for Safety Zones post consent. Safety Zones of up to 500m will be sought during construction, maintenance and decommissioning phases. Where appropriate, guard vessels will also be used to ensure adherence with Safety Zones or advisory passing distances, as defined by risk assessment, to mitigate any impact which poses a risk to surface navigation during construction, maintenance and decommissioning phases. Such impacts may include partially installed structures or cables, extinguished navigation lights or other unmarked hazards.	Scoping	Electricity application procedures (Section 95 of Energy Act 2004)
C-57	A Marine Written Scheme of Archaeological Investigation (WSI) will be developed in accordance with the Outline Marine WSI. The Marine WSI will outline the Archaeological Exclusion Zones (AEZ's), the implementation of a Protocol for Archaeological Discoveries in accordance with 'Protocol for Archaeological Discoveries: Offshore Renewables Projects' (The Crown Estate, 2014) and future monitoring and assessment requirements.	Scoping - updated at PEIR	DCO requirements or DML conditions.

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-58	Offshore geophysical surveys (including Unexploded Ordnance (UXO) surveys) will be subject to full archaeological review where relevant in consultation with Historic England.	Scoping - updated at PEIR	DCO requirements or DML conditions.
C-59	Offshore geotechnical surveys prior to construction will be undertaken following early discussions with Historic England. The results of the geoarchaeological assessment will be presented in a staged geoarchaeological report inclusive of publication.	Scoping - updated at PEIR	DCO requirements or DML conditions.
C-60	All intrusive construction activities will be routed and microsited to avoid any identified marine heritage receptors pre-construction, with Archaeological Exclusion Zones (AEZs) (buffers) as detailed in the Outline Marine Written Scheme of Investigation (WSI) unless other mitigation is agreed with Historic England as per the WSI.	Scoping - updated at PEIR	DCO requirements or DML conditions.
C-61	Due regard will be given to design principles held in Rampion 1 Design Plan and design principles to be developed for Rampion 2, with consideration of the seascape, landscape and visual impacts on the South Downs National Park and Sussex Heritage Coast.	Scoping - updated at PEIR	DCO requirements or DML conditions.
C-62	The Proposed Development will comply with legal requirements with regards to shipping, navigation and aviation marking and lighting.	Scoping - updated at PEIR	DCO requirements or DML conditions.
C-63	An Outline COCP will be developed to reduce direct and indirect disturbance and displacement effects to ornithological features.	Scoping - updated at PEIR	DCO requirements or DML conditions.

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-64	For temporary watercourse crossings the works will be designed to enable the free passage of fish and aquatic mammals including continuation of bed material through the culvert. Sections of the channel will need to be isolated using barriers that span the whole width of the channel. These isolation works will be kept to as short a duration as possible, and screening will take place to prevent fish being drawn into the pump.	PEIR	Outline COCP and DCO requirement
C-65	The proposed offshore cable corridor and cable landfall (below mean high water springs [MHWS]) will avoid all statutory marine designated areas.	Scoping	DCO requirements or DML conditions.
C-66	The Proposed Development will aim to minimise effects on the special qualities of the South Downs National Park and High Weald Area of Outstanding Natural Beauty (AONB) through careful design consideration in terms of scale, size and location, and taking account of the relevant policy and guidance.	Scoping	DCO works plans, description of development and requirements
C-67	The onshore cable route will avoid the brows of hills as far as is reasonably practical and is likely to follow the established pattern of the landscape i.e. routed to closely follow the line of existing field boundaries as far as is practicable.	Scoping	DCO works plans, description of development and requirements
C-68	The final form of the onshore substation will be finished to a high standard of design, using quality materials and integrated into the surrounding environment through the adoption of a robust, sustainable landscape planting strategy, taking account of the West Sussex Landscape Land Management Guidelines. A Landscape	Scoping - updated at PEIR	Outline Landscape and Ecology Management Plan

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	Design Plan will be developed to mitigate landscape and visual effects and where possible, protect landscape character, key characteristics and elements, and enhance landscape quality through use of sustainable landscape design techniques. The Landscape Design Plan will take account of the Landscape Character Assessment of West Sussex (West Sussex Council, 2003), and will be included as part of the Outline Landscape and Ecological Management Plan.		
C-69	Construction strategies will be implemented that will seek to maximise the reuse of excavated clean materials from the onshore cable construction corridor where practicable and feasible. Prior to construction, an Outline Materials Management Plan (MMP) will be developed that outlines where excavated non-waste materials will be reused in line with the CL:AIRE (2011) Definition of Waste Code of Practice (DoWCoP). The MMP will include a declaration by a Qualified Person that the MMP has been completed in accordance with the DoWCoP and that best practise is being followed.	Scoping - updated at PEIR	Outline COCP and DCO requirement
C-70	An Emergency Response Plan in accordance with 'Unexploded ordnance, A guide for the construction industry CIRIA C681' (CIRIA, 2009) will be developed prior to construction. Site inductions, toolbox talks and appropriate training on the risks from unexploded ordnance (UXO) will also be undertaken as part of the construction approach for Rampion 2. In areas with a moderate UXO hazard level and above, a detailed UXO desk study will be undertaken prior to construction to identify where additional mitigation such as non-intrusive geophysical	Scoping - updated at PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	clearance or supervision by an explosive ordnance clearance (EOC) operative is required.		
C-71	RED will ensure that the land used for the Proposed Development is suitable for the proposed use with respect to the potential for soil and groundwater contamination and, where necessary, risk-based remediation is undertaken in line with Environment Agency (2020) guidance (Land Contamination: Risk Management). The precise design of any remediation strategy will be confirmed in the detailed design after consent has been granted.	Scoping - updated at PEIR	DCO and UK legislation requirement
C-72	Prior to construction, an unexpected contamination protocol will be developed in line with Environment Agency (2020) guidance (LCRM) to minimise the potential risks to human health and controlled waters from any unexpected ground contamination. The protocol will take into account the requirements for risk assessment, the use of Personal Protective Equipment (PPE) and adoption of best practice methods during construction.	Scoping - updated at PEIR	Outline COCP and DCO requirement
C-73	Drainage design to manage, attenuate and, if necessary, treat surface water run-off will be included in all elements of temporary and permanent infrastructure. These will be designed in accordance with Sustainable Drainage (SuDS) principles including allowances for climate change and discharged at pre-development rates. Where the development intersects overland flow pathways or areas of known surface water flooding appropriate measures will be embedded into the design.	Scoping - updated at PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-74	All sub-surface infrastructure will be designed to retain sub-surface flow pathways to avoid any localised increases in groundwater flooding.	Scoping - updated at PEIR	Outline COCP and DCO requirement
C-75	Construction and permanent development in flood plains will be avoided wherever possible. Where this is not possible (for example, the landfall location) environmental measures will be developed to ensure the works are National Policy Statement compliant, including a sequential approach to siting of infrastructure and passing the Exception Test where appropriate.	Scoping - updated at PEIR	Outline COCP and DCO requirement
C-76	In line with good practice, Pollution Prevention Plans (PPPs) will be developed to detail how ground and surface waters will be protected in construction and operation. These will include information on the use and storage of any fuels, oils and other chemicals (in line with C-8 and C-167) and pollution incidence response planning. These will also include measures for the protection of licenced and private abstractions. This could include a monitoring regime associated with critical or very near receptors.	Scoping - updated at PEIR	Outline COCP and DCO requirement
C-77	Dewatering of excavations will be undertaken in line with good practise. Effects of dewatering on potential receptors will be incorporated into the proposed approaches for each piece of infrastructure. Appropriate treatment will be installed before discharge to surface or groundwater, this will include the use of siltbusters (or similar) before discharge to surface waters. Appropriate licences and permits will be applied for if required.	Scoping	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-78	Licensed and private water supplies will be avoided where practicable; if any impacts are anticipated then appropriate measures will be put in place to avoid impact on the quantity and quality of the supply.	Scoping	Outline COCP and DCO requirement
C-79	Archaeological and paleoenvironmental mitigation will entail an agreed programme of archaeological recording and dissemination to mitigate any significant adverse effects during construction. Provision will be made for appropriate curation/deposition of the site archive.	Scoping - updated at PEIR	DCO requirement
C-80	Any loss of built heritage assets or historic landscape elements will be mitigated through an appropriate level of survey and recording and dissemination, where avoidance or sensitive adaptation is not feasible.	Scoping - updated at PEIR	DCO requirement
C-81	Loss or disturbance of historic landscape elements arising from temporary works will be mitigated, as far as possible, through sensitive design restoration and enhancements.	Scoping	DCO requirement
C-82	Any significant effects on the settings of heritage assets will usually be mitigated as far as possible through sensitive design, landscape planting or screening.	Scoping	DCO requirement
C-83	Where scour protection is required, MGN 543 (Maritime & Coastguard Agency, 2016) (or latest relevant available guidance) will be adhered to with respect to changes greater than 5% to the under-keel clearance in consultation with the Maritime & Coastguard Agency (MCA) and Trinity House.	Scoping - updated at PEIR	DML conditions

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-84	RED will exhibit lights, marks, sounds, signals and other aids to navigation as required by Trinity House, MCA and Civil Aviation Authority (CAA). This will include a buoyed construction area around the Rampion 2 array.	Scoping	DML conditions
C-85	RED will ensure that the local notice to mariners (NtM) is updated and reissued at weekly intervals during construction activities and at least five days before any planned operations and maintenance works and supplemented with VHF (very high frequency) radio broadcasts agreed with the Maritime & Coastguard Agency (MCA) in accordance with the construction and monitoring programme approved under DML conditions.	Scoping	DML conditions
C-86	A layout plan (including cables) will be agreed with the MMO following appropriate consultation with Trinity House and the Maritime & Coastguard Agency (MCA) setting out proposed details of the authorised Proposed Development.	Scoping	DML conditions
C-87	No part of the authorised Proposed Development may commence until the MMO, in consultation with the Maritime & Coastguard Agency (MCA), has confirmed in writing that the undertaker has taken into account and, so far as is applicable to that stage of the Proposed Development, adequately addressed all MCA recommendations as appropriate to the authorised Proposed Development contained within MGN543 "Offshore Renewable Energy Installations (OREIs) – Guidance on UK Navigational Practice, Safety and Emergency Response Issues" (Maritime & Coastguard Agency, 2016) and its annexes.	Scoping - updated at PEIR	DML conditions

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-88	Marine coordination will be implemented to manage Rampion 2 vessels throughout construction and maintenance periods.	Scoping	Secured in the description of the development
C-89	There will be a minimum blade tip clearance of at least 22m above highest astronomical tide (HAT).	Scoping	Secured in the description of the development
C-90	RED is committed to ongoing liaison with fishermen throughout all stages of the Proposed Development, based upon FLOWW (2014, 2015) guidance.	Scoping	DCO requirements or DML conditions.
C-91	Appointment of a company Fisheries Liaison Officer (FLO) will be undertaken to maintain effective communications between the project and fishermen, in line with C-47, C-92 and C-93.	Scoping - updated at PEIR	DCO requirements or DML conditions.
C-92	Appropriate liaison will be undertaken with relevant fishing interests to ensure that they are fully informed of development planning and any offshore activities and works, in line with C-47, C-92 and C-93.	Scoping - updated at PEIR	DCO requirements or DML conditions.
C-93	Timely issue of notifications including NtMs, Kingfisher Bulletin notifications and other navigational warnings to the fishing community will be undertaken to provide advance warning of Proposed Development activities and associated Safety Zones and advisory safety distances, in line with C-47, C-91 and C-92.	Scoping - updated at PEIR	DCO requirements or DML conditions.
C-94	Marking and lighting the Proposed Development offshore will be undertaken in accordance with relevant industry guidance and as advised by relevant stakeholders, in line with C-49, C-110 and C-157.	Scoping - updated at PEIR	DCO requirements or DML conditions.

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-95	The assessment will take into consideration the mitigation and control of invasive species measures that will be incorporated into an Outline Project Environmental Monitoring and Management Plan (PEMMP).	Scoping	DCO requirements or DML conditions.
C-96	Subsea array and export cables will be installed via either ploughing, jetting, trenching, or post-lay burial techniques, to a target burial depth of 1m.	Scoping	DCO requirements or DML conditions.
C-97	Commitments to undertake a full review of high-resolution geophysical survey data with 100% coverage of the final design plan, supported by a comprehensive programme of geotechnical survey data review and assessment, will be documented and agreed with Historic England through the development of an archaeological Written Scheme of Investigation (WSI). This will also include a project specific Protocol for Archaeological Discoveries (PAD) which together will form the basis of tertiary mitigation and the implementation of best practice.	Scoping	DCO requirements or DML conditions.
C-98	Marine navigational lights will be fitted at the platform level on significant peripheral structures, synchronised to display IALA ‘special mark’ characteristic, flashing yellow, with a range not less than five nautical miles.	Scoping	DCO requirements or DML conditions.
C-99	The risk of primary (life-threatening physical injury, or fatality) or secondary (non-life-threatening damage) injury to humans will be managed, by recommending an advisory exclusion zone around all piling operations within which no-one (including construction personnel) is recommended to enter the water.	Scoping	DCO requirements or DML conditions.

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-100	The soft-start programme will be determined in discussion with the Diving Liaison Officer. Consideration will be given to the potential for divers to be in the water outside of the advisory exclusion zone at the start of pile driving. This consideration will also include diving activities that could result in divers drifting into the advisory exclusion zone as part of their dive (i.e. tide and wind conditions will be assessed as part of the programme).	Scoping	DCO requirements or DML conditions.
C-101	To limit potential exposure to hazardous levels of underwater noise, a comprehensive awareness and communications strategy (an Outline Diver Communication Plan) will be developed by RED in agreement with regulatory authorities to notify the diving/spearfishing community of the timing and duration of proposed works. This will include but not be limited to the appointment of a Diving Liaison Officer (who will be the main point of contact) to work with dive centres, diving clubs (including education establishments), boat operators, Coast Guard, and facilities within jetties and marinas etc. The strategy will include widely publicising (e.g. on the internet) details of the nature, location and timing of pile driving works and the extent of any relevant advisory exclusion zones. The ‘startle’ reaction to underwater noise is anticipated as being less likely to occur in divers/spearfishers who have prior knowledge of the possibility of piling noise occurring.	Scoping	DCO requirements or DML conditions.
C-102	A UXO Marine Mammal Mitigation Protocol (MMMP) will be developed in consultation with Natural England to appropriately manage the risk to marine mammals during UXO clearance.	Scoping	DCO requirements or DML conditions.

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-103	Areas of temporary habitat loss will be reinstated wherever practicable following the completion of construction in each area. Wherever possible reinstatement will be back to the type of habitat crossed.	Scoping	Outline COCP and DCO requirement
C-104	Enhancements to terrestrial ecology will be achieved as part of the Proposed Development through the delivery of new or improved habitats or measures to boost populations of certain species. Opportunities for these enhancements will be identified following further evolution of the Proposed Development design and through engagement with stakeholders. These enhancements may be delivered directly by RED within or close to the DCO boundary or via collaboration with independent organisations.	Scoping	DCO works plans, description of development and requirements
C-105	A lighting design of all temporary and permanent lighting will be developed once contractors are appointed; however, the principles of lighting design will be detailed at the time of Application and informed by the joint guidance provided by the Bat Conservation Trust and Institution of Lighting Professionals (2018). The lighting design will account for the potential effects on biodiversity by taking measures to minimise lighting usage, minimise light spill, use most appropriate wave lengths of light and locate lighting in the most appropriate locations – this is to decrease the potential displacement effects on light sensitive fauna such as bats.	Scoping	Outline COCP and DCO requirement
C-106	Speed limits will be imposed on all construction haul roads and access tracks to minimise the risk of road traffic collisions with fauna such as badgers, otters, bats and barn owls.	Scoping	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-107	Tried and tested invasive species control and biosecurity measures will be used to avoid the spread of infested materials.	Scoping - updated at PEIR	Outline COCP and DCO requirement
C-108	An Emergency Response and Cooperation Plan (ERCOP) will be developed.	Scoping - updated at PEIR	DCO requirements or DML conditions.
C-109	Aviation stakeholders will be notified of the location and height of all wind energy development and associated construction activities (all structures over 150ft).	Scoping - updated at PEIR	DCO requirements or DML conditions.
C-110	RED will agree a lighting scheme for the aviation lighting of structures (turbines and offshore support platforms) above 60m in height with the relevant authorities.	Scoping	DCO requirements or DML conditions.
C-111	A decommissioning plan will be prepared for the project in line with the latest relevant available guidance.	PEIR	Outline COCP and DCO requirement
C-112	No ground-breaking activity or use of wheeled or tracked vehicles will take place within the Littlehampton Golf Course and Atherington Beach Local Wildlife Site (LWS) unless remedial action is required. Any predicted activity will be restricted to foot access for the purpose of surveying and monitoring of the progress of the horizontal directional drill (HDD).	PEIR	Outline COCP and DCO requirement
C-113	The onshore construction corridor through the Warningcamp Hill and New Down Local Wildlife Site (LWS) will be narrowed to no more than	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	30m for its entire length. A method statement for the Warningcamp Hill and New Down LWS will be written and agreed with the South Downs National Park Authority and West Sussex County Council.		
C-114	Sullington Hill Local Wildlife Site will be crossed using a trenchless method such as Horizontal Directional Drill (HDD).	PEIR	Outline COCP and DCO requirement
C-115	The construction corridor through woodland, tree lines and across important hedgerows (in terms of the Hedgerows Regulations 1997) will be narrowed to no more than 30m for its entire length to minimise habitat losses. All hedgerows will be reinstated following cable installation.	PEIR	Outline COCP and DCO requirement
C-116	The basis of the structural design for the proposed onshore cable corridor and onshore substation infrastructure will be completed in general accordance with design standards to minimise the risk of structural or geotechnical instability. The structural design of onshore substation buildings will give due consideration to minimum design requirements for ambient design temperatures, wind pressures and snow loads, including climate change allowances where appropriate.	PEIR	Embedded into design of Proposed Development and Outline COCP
C-117	Works in the floodplain will be programmed to occur in late summer/ early autumn if possible, to avoid interaction with known flooding periods to minimise the potential for displacement of floodwater.	PEIR	Outline COCP and DCO requirement
C-118	Emergency Response Plans (ERPs) for flood events will be prepared for all construction activities, working areas, access and egress routes	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	in floodplain areas (tidal and fluvial). These plans will be provided for both construction and operation/ maintenance phases.		
C-119	In the fluvial floodplain, temporary trackway (rather than raised stone roads) will be utilised for the temporary haul road and access routes wherever practicable.	PEIR	Outline COCP and DCO requirement
C-120	Stone access routes/ haul road and working areas will be constructed of semi-permeable aggregate material (similar to compounds as per C-129) where practical.	PEIR	Outline COCP and DCO requirement
C-121	Run-off from access routes / haul road and working areas will be allowed to infiltrate wherever possible.	PEIR	Outline COCP and DCO requirement
C-122	All permanent onshore cable crossings will pass beneath the bed of watercourses (no within bank crossings). Sufficient depth between the bed of the watercourse and the top of the cable (whether trenchless or open cut) will be provided to ensure no potential for exposure of cable due to scour. The minimum depth of cable (top) beneath 'true cleaned bed' of the watercourses is to be advised at ES stage.	PEIR	Outline COCP and DCO requirement
C-123	Starter (and exit) pits for Horizontal Directional Drilling (HDD) and other trenchless technologies will be micro-sited outside of the floodplain where possible (by moving the pits further away from watercourses).	PEIR	Outline COCP and DCO requirement
C-124	Where start and/or exit pits for Horizontal Directional Drilling (HDD) and other trenchless technologies are located within in the floodplain	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	the Contractor will develop procedures as part of the Emergency Response Plan (ERP) to be enacted.		
C-125	Where the cable route crosses an Environment Agency flood defence, trenchless methodologies will be used.	PEIR	Outline COCP and DCO requirement
C-126	Minor watercourses (where open cut techniques are proposed for the permanent cable crossings) will also have temporary crossings for the haul road to provide vehicular access along the route. A mixture of culverts and/or clear span bridges could be employed based on crossing specific requirements (size of watercourse and flood risk). These will be subject to permits and consents with the Environment Agency and Lead Local Flood Authority (LLFA).	PEIR	Outline COCP and DCO requirement
C-127	Temporary watercourse crossings will not be provided for the haul road where the cable crossing will be trenchless. Vehicular access will use existing public highways and bridges.	PEIR	Outline COCP and DCO requirement
C-128	Any temporary crossings will be in place for the minimal time possible.	PEIR	Outline COCP and DCO requirement
C-129	Temporary construction compounds will be surfaced with semi-permeable aggregate material (similar to access roads as per C-120) where practical, with the exception of fuel storage areas and similar where pollution containment in the event of a spillage is the priority. Areas of temporary construction compounds that are used for fuel storage, plant maintenance and refuelling will be surfaced with fully	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	impermeable materials to prevent any infiltration of contaminated runoff and contain bunding in line with C-8 and C-167.		
C-130	During construction, no soil stockpiles will be stored within 8m of Ordinary Watercourses, within 8m of a non-tidal Main River, or within 16m of a tidal Main River.	PEIR	Outline COCP and DCO requirement
C-131	Where potential flood risk receptors could be impacted by a loss of floodplain storage and/or impacts on floodplain conveyance, soil stockpiles (associated with both the cable construction and the temporary haul road) will be located outside of the fluvial floodplain wherever possible. Where not possible, further assessment will be undertaken in the Flood Risk Assessment (FRA) and further measures will be proposed to address this where necessary.	PEIR	Outline COCP and DCO requirement
C-132	Soil stockpiles in the tidal floodplain will have regular gaps to prevent floodplain compartmentalisation. The maximum continuous length of embankment is to be determined in the Flood Risk Assessment (FRA).	PEIR	Outline COCP and DCO requirement
C-133	Stockpiles will be present for the shortest practicable timeframe, with stockpiles being reinstated as the construction work progresses. Stockpiles which remain present for six months or longer will be seeded to encourage stabilisation.	PEIR	Outline COCP and DCO requirement
C-134	During construction, dewatering activities (of excavations) will be halted if a flood alert or flood warning is in place downstream, in order	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	to minimise any impacts on flood flow conveyance and to maintain access for watercourse maintenance.		
C-135	A standoff distance (distance to be determined based on biodiversity and pollution control considerations) will be applied from watercourse bank tops (other than for watercourse crossings) to account for potential issues such as water vole burrows, otter holts and pollution control.	PEIR	Outline COCP and DCO requirement
C-136	Measures (if any) required to address risks at the permanent onshore substation will be identified as part of the Flood Risk Assessment (FRA).	PEIR	Outline COCP and DCO requirement
C-137	All proposed onshore infrastructure and construction activities will be sited outside of the inner Source Protection Zones (SPZ1) for the Southern Water Warningcamp and Burpham borehole public water supplies. Construction activities will also be steered as far as practicable outside of their respective SPZ2s, and there will be no drilling activities or storage of hazardous materials including chemicals, oils and fuels within any SPZ.	PEIR	Outline COCP and DCO requirement
C-138	Details of the proposed trenchless watercourse crossing techniques will be discussed with the Environment Agency at the detailed design stage. The depth of the trenchless crossing will be such that the riverbed and watercourse is undisturbed by construction activities. Specific construction method statements will be prepared.	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-139	Culverting activities and onshore construction of cable circuit crossings will take place during periods of normal to low flow conditions to avoid conveyance-related flood risk effects and in accordance with the Outline COCP.	PEIR	Outline COCP and DCO requirement
C-140	Temporary cut-off drains will be installed to prevent surface water and shallow groundwater ingress into excavations. Intercepted water will be encouraged to infiltrate into the ground, mimicking natural flow patterns in accordance with the principles of SuDS. Where discharge of cut-off drains to watercourses is the only practical option, appropriate measures will be employed to moderate runoff rates, and promote settlement of suspended sediment.	PEIR	Outline COCP and DCO requirement
C-141	Dewatering of trench excavations will be carefully monitored and groundwater flow disruption and drawdown will be minimised as much as possible. The time any excavation is open will be kept to a minimum to minimise ingress of water and dewatering requirements.	PEIR	Outline COCP and DCO requirement
C-142	If water being pumped from excavations is suspected to be contaminated, appropriate measures will be taken in accordance with Environment Agency guidance and the Environmental Permitting Regulations to prevent uncontrolled or unauthorised releases of this water to ground or to the water environment.	PEIR	Outline COCP and DCO requirement
C-143	Any temporary onsite storage of excavated materials suspected or confirmed to be contaminated will be on impermeable sheeting, covered over and with adequate leachate/ runoff drainage to prevent migration of contaminants from the stockpile. Materials will be	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	segregated where possible to prevent cross-contamination occurring. Such materials will only be reused if they are confirmed as suitable for use in line with the requirements of the Outline Materials Management Plan (C-69).		
C-144	In areas where there are groundwater seepages / flush zones identified along the access tracks at the detailed design stage, the Contractor will utilise geotextiles beneath the track material or bogmat where necessary to prevent the track from settling into the ground to help maintain sub-surface flow.	PEIR	Outline COCP and DCO requirement
C-145	To enable access during construction, temporary clear span bridges will be used for those temporary watercourse crossings too wide or deep to be crossed using culverts.	PEIR	Outline COCP and DCO requirement
C-146	The location of statutory undertaker assets (including water supply and sewer pipes, water and waste treatment works etc.) will be confirmed through inspection of detailed plans from the undertakers. All assets potentially affected by the Proposed Development will be identified, with particular consideration to access roads and crossings.	PEIR	Outline COCP and DCO requirement
C-147	The Contractor will identify springs, abstractions and any sewerage infrastructure including treatment plants, septic tanks, soakaways, interconnecting pipes and outfalls, that require appropriate protection. These features will be mapped, and appropriate exclusion zones will be applied to ensure that construction methods do not disturb the physical infrastructure layout. All appointed Contractor staff will be given training to protect abstractions deemed to be at risk. In the	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	event that an abstraction is identified as being at risk of water quality deterioration, a comprehensive sampling programme will be agreed with the relevant local authority for the abstraction in question. Furthermore, in the event that there is an impact on a water supply, an alternative supply will be made available.		
C-148	During construction, a programme of visual inspections will be undertaken to ensure that the potential effects on the River Arun and Adur tributaries are appropriately monitored. The visual inspection points will be selected downstream of construction areas. See C-151 for response plan in the event that observations identify that an intervention is necessary.	PEIR	Outline COCP and DCO requirement
C-149	In areas where there is a potential for hydrocarbon residues from run-off/ isolated leakages surface water drainage measures will be provided to capture hydrocarbons prior to discharge, such as hydrocarbon interceptors.	PEIR	Outline COCP and DCO requirement
C-150	Plant and machinery used during the construction and operation phases will be maintained to minimise the risks of oils leaks or similar, in line with C-8. Placing a drip tray beneath a plant and machinery during refuelling and the availability of spill kits will contain small spillages.	PEIR	Outline COCP and DCO requirement
C-151	Contractors will be made aware of their statutory responsibility not to “cause or knowingly permit water pollution”. A Pollution Prevention Plan (PPP) and Pollution Incident Response Plan (PIRP) will be prepared for the Proposed Development, the latter in line with	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	Pollution Prevention Guideline 21 (PPG 21, 2009), and all contractors will be briefed on these plans, with copies made available on site.		
C-152	In the event that piling is selected for installation of the onshore substation foundations, a detailed piling risk assessment will be developed. This will be submitted to the Environment Agency for approval at the detailed design stage, prior to the commencement of construction.	PEIR	Outline COCP and DCO requirement
C-153	An Operations and Maintenance Plan will be developed with a Pollution Incident Control Plan (PICP) for implementation during the operational phase.	PEIR	Outline COCP and DCO requirement
C-154	Within the fluvial floodplain and at surface water flow pathways, the permanent cables will be completely buried, with the land above reinstated to pre-construction ground levels (some mounding may be appropriate to allow for settlement).	PEIR	DCO works plans, description of development and requirements
C-155	Potential Annex I habitats[1] will be avoided where possible.	PEIR	DCO / Deemed ML requirement
C-156	Each WTG will be installed with appropriate lightning protection.	PEIR	DCO / Deemed ML requirement
C-157	The proposed heavy goods vehicle (HGV) routing during the construction period to individual accesses will be developed to avoid major settlements such as Storrington, Cowfold, Steyning, Wineham, Henfield, Woodmancote and other smaller settlements where possible.	PEIR	Proposed routing in agreed Outline CTMP

[1] Habitats protected under Annex I of the EC Directive 92/43/EEC on Conservation of Natural Habitats and Wild Fauna and Flora, 1992 (the 'Habitats Directive').

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-158	The proposed heavy goods vehicle (HGV) routing during the construction period to individual accesses will avoid the Air Quality Management Area (AQMA) in Cowfold where possible.	PEIR	Proposed routing in agreed Outline CTMP
C-159	The proposed heavy goods vehicle (HGV) routing during the construction period to individual accesses will avoid the A24 through Findon as advised from the West Sussex County Council (WSCC) Freight Action Plan.	PEIR	Proposed routing in agreed Outline CTMP
C-160	Highways condition surveys will be undertaken before, during and after the construction phase and repairs conducted to any damage to highways as a result of Rampion 2 construction heavy goods vehicles (HGVs) on the highways included within the HGV Access Strategy.	PEIR	Proposed routing in agreed Outline CTMP
C-161	The South Downs Way and the Downs Link Public Rights of Ways (PRoWs) will be managed in a way that minimises any closures or diversions.	PEIR	Outline PRoWMP
C-162	Public Rights of Ways (PRoWs) that cross the onshore cable corridor will be managed or diverted over the shortest distance possible with potential to provide adjacent crossings.	PEIR	Outline PRoWMP
C-163	Public Rights of Way (PRoW) condition surveys will be undertaken before, during and after the construction phase. If damage has been identified during the construction phase, the damage will be repaired. Post-construction, all PRoWs will be returned to their pre-construction condition.	PEIR	Outline PRoWMP

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-164	Public Rights of Way (PRoW) routing through locations of permanent infrastructure will be provided with a permanent diversion and the existing route closed.	PEIR	Outline PRoWMP
C-165	Construction access will be provided with visibility splays designed to Design Manual for Roads and Bridges (DRMB) design standards as agreed with West Sussex County Council (WSCC).	PEIR	Outline CTMP - Requirement, order limit plans, access plans
C-166	For non-horizontal directional drilling (HDD) crossings of the highway, one of the following solutions will be used: 1 - lay the cable in a trench, which will be excavated in phases to ensure at least one traffic lane is operational and controlled using temporary signals (although this approach cannot be used on single track parts of the highway); or 2 - provide a short road closure while the work is undertaken with a relevant diversion route.	PEIR	Outline CTMP - Requirement, order limit plans, access plans
C-167	Any tanks and associated pipe work containing oils, fuels and chemicals will be double skinned and provided with leak detection equipment. There will be a bunded capacity of 100% of the maximum tank volume for non-hazardous fluids. For hazardous chemicals, fuels or oils bund capacity will be the larger of 110% of the largest tank volume for single tank bunds, ~~(~~or, in the case of multi tank bunds, 110% of the largest tank capacity or 25% of the combined tank capacity, whichever it is the largest~~)~~. Fuel storage will be in accordance with the Control of Pollution (Oil Storage) (England) Regulations 2001 and other Pollution Prevention Guidelines (PPGs). All stores of fuel will be located at least 20m from any watercourses and away from areas at risk of flooding.	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-168	Impacts on open access land will be managed through active management strategy.	PEIR	Outline PRoWMP
C-169	RED will provide Designs for permanent accesses required on the project will be provided to Department for Transport (DfT) Design Manual for Roads and Bridges (DRMB) design standards.	PEIR	Design requirement
C-170	A Health, Safety, Security and Environment (HSSE) Strategy will be developed. The HSSE Strategy will describe the way in which the Proposed Development will be delivered. It will include detail of compliance with relevant policies, Management Systems and regulatory requirements, throughout the lifecycle of the Proposed Development.	PEIR	Outline COCP
C-171	A suitable and sufficient risk assessment of the potential impacts of major accidents and disasters will be undertaken and will be kept under review throughout the Proposed Development lifecycle (design, construction, operation and decommissioning stages).	PEIR	Outline COCP
C-172	The risk resulting from Major Accidents and/or Disasters will be eliminated So Far As Is Reasonably Practicable (SFAIRP) and any risk which cannot be designed out will be examined to ensure the risk is Reduced As Low As Reasonably Practicable (ALARP). This applies to both Safety and Environmental Major Accidents and the impacts on the Proposed Development from disasters.	PEIR	Outline COCP
C-173	The design and layout of the Proposed Development will account for Health and Safety Executive's (HSE) approach to Land Use Planning,	PEIR	Embedded into design

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	and the Proposed Development will be designed to ensure that a response of 'Do Not Advise Against' is received from the HSE.		
C-174	Where practicable any veteran trees identified will be avoided by micro-siting. A suitable root protection zone (with reference to BS 5837:2012) will be identified and used to define the limits of the micro-siting effort.	PEIR	Embedded into design
C-175	Where use of trackway is not possible and potential flood risk receptors could be impacted (to be identified in the Flood Risk Assessment), access routes (and working areas) in the fluvial floodplain will be as close to ground level as possible to avoid impacting flood flow conveyance and loss of floodplain storage (a slight raised surface is often required to allow for drainage).	PEIR	Outline COCP and DCO requirement
C-176	For temporary watercourse crossings, where culverts are to be used, these will be appropriately sized to maintain existing flow conveyance. Where existing culverts already exist nearby, similarly sized culverts may be suitable.	PEIR	Outline COCP and DCO requirement
C-177	Where feasible multiple pipes will not be used for culverts of temporary watercourse crossings (culverts should have a single pipe/opening of an appropriate size for the watercourse cross section).	PEIR	Outline COCP and DCO requirement
C-178	Circular culverts for temporary watercourse crossings will have concrete bedding in locations where ground conditions suggest that settlement could occur, e.g. Internal Drainage Board (IDB) district.	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-179	Stockpile gaps will be located at topographic low points to preserve existing flow paths.	PEIR	Outline COCP and DCO requirement
C-180	Where stockpiles are placed on both sides of the access routes/ haul road, the gaps will coincide.	PEIR	Outline COCP and DCO requirement
C-181	Access roads will have cross drainage provided where necessary at topographic low points.	PEIR	Outline COCP and DCO requirement
C-182	Any works within 5m of any watercourse in the Internal Drainage Board (IDB) district will be subject to consent from the Environment Agency. Any works within 8m of a non-tidal Main River or 16m for a tidal Main River will be subject to consent from the Environment Agency (the majority of the Main Rivers are tidal for the majority of the cable route). Work within banktop of any other watercourse (not main river and outside of IDB) will require consent from the Lead Local Flood Authority (LLFA).	PEIR	Outline COCP and DCO requirement
C-183	An Outline Soil Management Plan will be developed to enable construction works to be completed in accordance with the Defra Code of Construction Practice for the Sustainable Use of Soils on Construction Sites 2009 to protect soil resources from damage during the construction phase.	PEIR	Outline COCP
C-184	The contractor(s) for construction, operation and decommissioning will use a short to medium range weather forecasting service from the Met Office, or other approved meteorological data and weather forecast provider, to inform short to medium-term programme	PEIR	Outline COCP and DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	management of activities, including implementation of necessary environmental control and/or impact mitigation measures with respect to climate conditions and extreme weather events. The contractor(s) will register with the Environment Agency's flood warning service in areas of flood risk. The contractor(s) will use this information to ensure that relevant measures, including those within the Code of Construction Practice and an Environmental Management System (EMS), are implemented and, as appropriate, consider additional measures to ensure the resilience of the programme during extreme weather events.		
C-185	A high-level risk assessment of severe weather impacts on the construction, operation and decommissioning process will be produced by the contractor(s) to inform mitigations. Any receptors and/or construction, operation and decommissioning related activities potentially sensitive to severe weather events, including projections for climate change, should be considered in the risk assessment.	PEIR	Outline COCP and DCO requirement
C-187	All aspects of the Proposed Development will be finished to a high standard of design with appropriate material selection, utilising best practice guidance and relevant standard including consideration for potential impacts of climate change. Concepts within relevant international and national guidance for embedding climate change into technical standards will be embedded within the further design of all assets e.g. CEN/CENELEC GUIDE 32: Guide for addressing climate change adaptation in standards (2016). This will ensure the design is resilient to climate change and able to withstand all foreseeable weather conditions during the operational life of the	PEIR	Design and Access Statement and DML conditions

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	project. The design will use quality materials that are resilient to climate change to avoid deterioration and minimise the need for maintenance.		
C-188	Activities associated with the construction, operation, and decommissioning of the Proposed Development will be dependent upon health, safety, security and environmental (HSSE) legislation, site specific weather conditions, and, if applicable, metocean conditions. Best practice procedures and permits will be developed for activities to define procedures under adverse working conditions. RED will develop emergency response and contingency plans e.g. a Severe Weather Plan.	PEIR	DML conditions (offshore) and Outline COCP (onshore)
C-190	The Proposed Development will be designed incorporating the current wind loading standards, which incorporate site specific criteria based on a number of factors including wind direction, altitude and topography. WTG foundations, towers and other components will be designed at detailed design stage to withstand expected changes in climate conditions during the operational life of the Proposed Development.	PEIR	Deemed marine licence
C-193	Replacement planting will be characteristic of the area and resilient to climate change. Plant species will be selected carefully at detailed design stage with appropriate management and maintenance techniques established to support the development of these species in line with the environmental requirements.	PEIR	Outline Landscape and Ecology Management Plan

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
C-194	RED will develop an Outline Fisheries Liaison and Co-existence Plan (FLCP) which will capture all commitments made by RED relevant to commercial fisheries. The FLCP will be finalised prior to the commencement of project construction.	PEIR	Deemed marine licence
C-196	A Planting Plan (included as part of the Landscape Design Plan) will be developed to reinstate landscape elements such as trees, woodland and hedgerows, which have been removed as a result of construction, including construction / HDD compounds and construction access. Attention will also be given to maintaining levels and types of vegetation and landscape patterns within each Landscape Character Area.	PEIR	Outline Landscape and Ecology Management Plan
C-199	An Outline Landscape and Ecology Management Plan will be developed to ensure all new planting is established within five years of the construction period, and appropriate maintenance and management is carried out.	PEIR	Outline Landscape and Ecology Management Plan
C-200	Where required, construction lighting will be limited to directional task lighting positioned to minimise impacts to residents and walkers within the South Downs National Park and informed by BS EN 12464-2:2014 Lighting of outdoor work places, and guidance provided by the CIBSE Society of Light and Lighting, The Bat Conservation Trust and the Institution of Lighting Professionals.	PEIR	Outline COCP and DCO requirement
C-201	An Outline Construction Traffic Management Plan (CTMP) will be developed in consultation with West Sussex County Council. The	PEIR	DCO requirement

ID #	Commitment	Project phase measure introduced	How will the measure be secured?
	Outline CTMP will set out the approach to managing and minimising the impact of the construction traffic on the transport network.		
C-202	An Outline Public Rights of Way Management Plan (PRoWMP) will be developed in consultation with West Sussex County Council. The Outline PRoWMP will set out the approach to managing the use of PRoWs during construction.	PEIR	DCO requirement

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wood.

4.4.2

Rampion 2 WIND FARM

Volume 4, Appendix 4.2

Crossings schedule

GoBe wood.

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1. Crossings schedule

1.1 Purpose

1.1.1 The crossings schedule identifies crossing points for the onshore cable corridor within the PEIR Assessment Boundary from the landfall at Climping Beach to the existing National Grid Bolney substation. The crossing type and construction method is presented for each crossing.

1.2 Crossings schedule

1.2.1 The abbreviations and definitions used in this Appendix are set out in **Table 1-1** and **Table 1-2**. **Table 1-3** presents the crossing reference, kilometre point, crossing type, name and proposed method for each crossing (including those along potential cable route options) from the landfall through to substation search areas. Crossing points include public rights of way, roads, railways, surface drains, tracks and watercourses, locations for which are also shown on **Figure 4.2.1**.

Table 1-1 Abbreviations

Acronym	Description
DTX	Surface Drain
ELX	Utility - Electricity
GLX	Utility - Gas
HDD	Horizontal Directional Drilling
HV	High Voltage
KP	Kilometre Point
LV	Low Voltage
PRoW	Public Right of Way
PRX	Public Right of Way (as used as a crossing reference)
RDX	Road
RLX	Rail
RVX	Watercourse
TBD	To be Determined

Acronym	Description
TCE	The Crown Estate
TLX	Utility - Telecoms
TRX	Track
WLX	Utility – Water
WTG	Wind Turbine Generator

Table 1-2 Definitions

Word/Phrase	Description
Horizontal Directional Drilling	An engineering technique avoiding open trenches.
Open Cut	A method of installation that requires open trench excavation, disturbing the ground surface.
Public Right of Way	A footpath, byway or bridleway the public has a legally protected right to pass through.
Rail	The track of a railway or railroad.
Road	A public or private road, typically a designed road with sealed surface subject to high volumes of traffic. Including and associated embankments, footways and drainage ditches.
Surface Drain	Open surface drains and waterways used for local water management.
Track	A rough path or road, typically unsealed with gravel or dirt surface. This may include low volume traffic evolved roads.
Trenchless	An installation technique in which a pipe, duct or conduit is installed with little or no surface excavation.
Utility	Infrastructure providing telecommunications, electricity, gas, water, or sewerage services.
Watercourse	Permanent or seasonal river, stream or artificially constructed water channel.

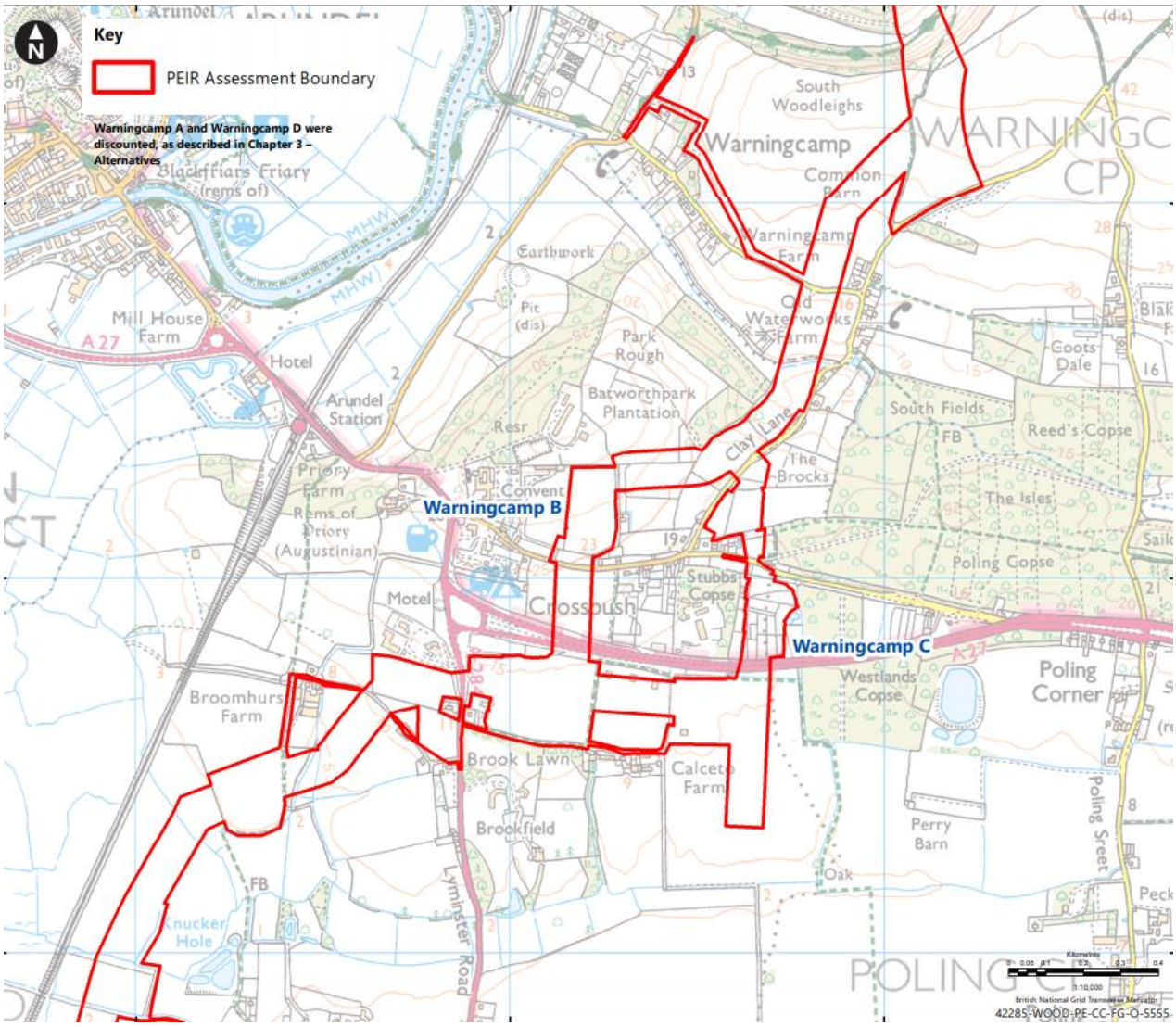
1.3 Onshore cable and substation corridor options

1.3.1 A number of substation cable corridor options are included within the PEIR Assessment Boundary, as the final substation location has not yet been selected. The PEIR Assessment Boundary also includes two cable corridor options at Warningcamp. These will be refined to one substation and one onshore cable corridor for the DCO Application. **Table 1-3** includes all crossings associated with all the route options within the PEIR Assessment Boundary. The sections of the corridor where there are no options are listed as 'Onshore cable corridor'.

1.3.2 At Warningcamp, two potential options (Warningcamp B to the west, and Warningcamp C to the east) are shown on **Graphic 1-1**.

1.3.3 At the substation cable corridor options, the same naming conventions as in **Chapter 4: The Proposed Development** have been used where possible, with the addition of Snakes Harbour Lane and Buck Hatch Lane sections which refer to parts of the route that are shared between multiple route options. These sections are shown in **Graphic 1-2.**

Graphic 1-1 Warningcamp potential cable corridor options



Graphic 1-2 Substation potential cable corridor options

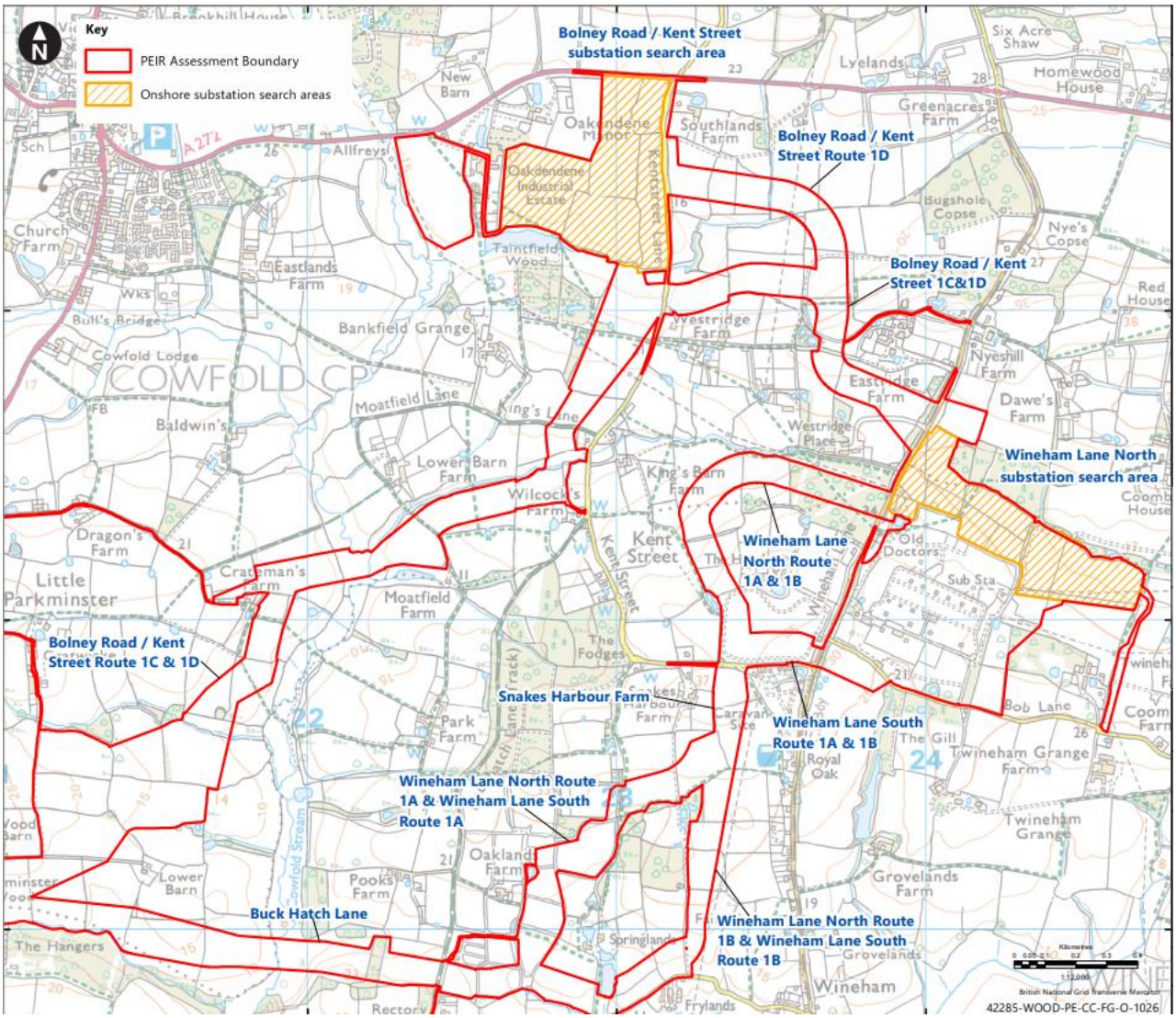


Table 1-3 Crossings schedule

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
PRX-01	Onshore cable corridor	0.530	Public Right of Way	Footpath 174	Open cut	-
PRX-02	Onshore cable corridor	0.990	Public Right of Way	Footpath 173	Open cut	-
WLX-01	Onshore cable corridor	1.081	Utility - Foul Water	Southern Water	TBD	-
WLX-02	Onshore cable corridor	1.085	Utility - Foul Water	Southern Water	TBD	-
WLX-03	Onshore cable corridor	1.087	Utility - Water	Portsmouth Water	TBD	-
TLX-01	Onshore cable corridor	1.087	Utility - Telecoms	Openreach	TBD	-
RDX-01	Onshore cable corridor	1.088	Road	Ferry Road	Trenchless	450
ELX-01	Onshore cable corridor	1.112	Utility - HV Electricity	Scottish and Southern Electricity	Trenchless	
DTX-01	Onshore cable corridor	1.172	Surface Drain	Surface drain	Trenchless	

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
TLX-02	Onshore cable corridor	1.317	Utility - Telecoms	Openreach	Trenchless	
TLX-03	Onshore cable corridor	1.323	Utility - Telecoms	Vodafone	Trenchless	
RDX-02	Onshore cable corridor	1.325	Road	A259	Trenchless	
TLX-04	Onshore cable corridor	1.328	Utility - Telecoms	City Fiber	TBD	-
TLX-05	Onshore cable corridor	1.329	Utility - Telecoms	SSE Enterprise	TBD	-
PRX-03	Onshore cable corridor	1.597	Public Right of Way	Footpath 168	Open cut	-
DTX-02	Onshore cable corridor	1.772	Surface Drain	Surface drain	Open cut	-
DTX-03	Onshore cable corridor	2.009	Surface Drain	Surface drain	Open cut	-
DTX-04	Onshore cable corridor	2.206	Surface Drain	Surface drain	Open cut	-
TRX-0a	Onshore cable corridor	2.364	Track	-	Trenchless	350
PRX-04	Onshore cable corridor	2.375	Public Right of Way	Footpath 206	Trenchless	

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
RVX-01	Onshore cable corridor	2.404	Watercourse	River Arun	Trenchless	
ELX-02	Onshore cable corridor	2.406	Utility - Electricity	UK Power Networks	Trenchless	
DTX-05	Onshore cable corridor	2.457	Surface Drain	Surface drain	Trenchless	
RLX-01	Onshore cable corridor	2.560	Rail	Chichester - Littlehampton	Trenchless	
DTX-06	Onshore cable corridor	2.923	Surface Drain	Surface drain	Open cut	-
DTX-07	Onshore cable corridor	3.099	Surface Drain	Surface drain	Open cut	-
ELX-03	Onshore cable corridor	3.522	Utility - Electricity	UK Power Networks	TBD	-
TLX-06	Onshore cable corridor	3.524	Utility - Telecoms	Instalcom	TBD	-
RLX-02	Onshore cable corridor	3.529	Rail	Chichester - Worthing	Trenchless	200
DTX-08	Onshore cable corridor	3.602	Surface Drain	Surface drain	Trenchless	
ELX-04	Onshore cable corridor	3.603	Utility - Electricity	UK Power Networks	TBD	-
DTX-09	Onshore cable corridor	3.808	Surface Drain	Surface drain	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
DTX-10	Onshore cable corridor	4.095	Surface Drain	Surface drain	Open cut	-
TRX-01	Onshore cable corridor	4.380	Track	Private track	Open cut	-
DTX-11	Onshore cable corridor	4.385	Surface Drain	Surface drain	Open cut	-
DTX-12	Onshore cable corridor	4.520	Surface Drain	Surface drain	Open cut	-
DTX-13	Onshore cable corridor	4.923	Surface Drain	Surface drain	Open cut	-
PRX-05	Onshore cable corridor	5.220	Public Right of Way	Footpath 2207	Open cut	-
DTX-13a	Onshore cable corridor	5.304	Surface Drain	Surface drain	Open cut	-
DTX-13b	Onshore cable corridor	5.330	Surface Drain	Surface drain	Open cut	-
TRX-02	Onshore cable corridor	5.550	Track	Private track	Open cut	-
TLX-07	Onshore cable corridor	5.553	Utility - Telecoms	Openreach	TBD	-
WLX-04	Onshore cable corridor	5.753	Utility - Water	Southern Water	TBD	-
ELX-05	Onshore cable corridor	5.760	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-06	Onshore cable corridor	5.767	Utility - LV Electricity	Scottish and Southern Electricity	TBD	-
ELX-07	Onshore cable corridor	5.772	Utility - LV Electricity	Scottish and Southern Electricity	TBD	-
TLX-08	Onshore cable corridor	5.775	Utility - Telecoms	Openreach	TBD	-
ELX-08	Onshore cable corridor	5.777	Utility - LV Electricity	Scottish and Southern Electricity	TBD	-
RDX-03	Onshore cable corridor	5.778	Road	A284 Lyminster Road	Trenchless	100
WLX-05	Onshore cable corridor	5.785	Utility - Water	Southern Water	TBD	-
ELX-09	Onshore cable corridor	5.786	Utility - LV Electricity	Scottish and Southern Electricity	TBD	-
ELX-10	Onshore cable corridor	5.789	Utility - LV Electricity	Scottish and Southern Electricity	TBD	-
WLX-06	Onshore cable corridor	5.790	Utility - Water	Southern Water	TBD	-
WLX-07	Onshore cable corridor	6.041	Utility - Foul Water	Southern Water	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
WLX-08	Onshore cable corridor	6.050	Utility - Foul Water	Southern Water	TBD	-
WLX-09	Onshore cable corridor	6.055	Utility - Water	Southern Water	TBD	-
GLX-01	Onshore cable corridor	6.072	Utility - Gas	Southern Gas Networks	TBD	-
RDX-04	Warningcamp B	6.142	Road	A27	Trenchless	400
WLX-10	Warningcamp B	6.312	Utility - Foul Water	Southern Water	Trenchless	
TLX-09	Warningcamp B	6.342	Utility - Telecoms	Openreach	Trenchless	
WLX-11	Warningcamp B	6.343	Utility - Water	Southern Water	Trenchless	
GLX-02	Warningcamp B	6.344	Utility - Gas	Southern Gas Networks	Trenchless	
TLX-10	Warningcamp B	6.345	Utility - Telecoms	Openreach	Trenchless	
RDX-05	Warningcamp B	6.350	Road	Crossbush Lane	Trenchless	
ELX-11	Warningcamp B	6.417	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
WLX-12	Warningcamp B	6.462	Utility - Water	Southern Water	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
WLX-13	Warningcamp B	6.613	Utility - Foul Water	Southern Water	TBD	-
TRX-03	Warningcamp B	6.645	Track	Private track	Open cut	-
ELX-12	Warningcamp B	6.698	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
ELX-13	Warningcamp B	6.795	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
TRX-03a	Warningcamp B	6.818	Track	Private track	Open cut	-
TRX-03b	Warningcamp B	6.866	Track	Private track	Open cut	-
ELX-14	Onshore cable corridor	6.963	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
ELX-15	Onshore cable corridor	7.027	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
TLX-11	Onshore cable corridor	7.246	Utility - Telecoms	Openreach	TBD	-
STX-01	Onshore cable corridor	7.254	Watercourse	Stream	Open cut	-
ELX-16	Onshore cable corridor	7.276	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
TLX-12	Onshore cable corridor	7.436	Utility - Telecoms	Openreach	TBD	-
RDX-04a	Onshore cable corridor	7.443	Road	Blakehurst Lane	Open cut	-
WLX-14	Onshore cable corridor	7.443	Utility - Water	Southern Water	TBD	-
ELX-17	Onshore cable corridor	7.481	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
ELX-18	Onshore cable corridor	7.915	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
TRX-04	Onshore cable corridor	7.929	Track	Private track	Open cut	-
ELX-19	Onshore cable corridor	7.932	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
PRX-06	Onshore cable corridor	7.932	Public Right of Way	Bridleway 2213	Open cut	-
WLX-15	Onshore cable corridor	8.076	Utility - Water	Southern Water	TBD	-
WLX-16	Onshore cable corridor	8.078	Utility - Water	Southern Water	TBD	-
PRX-07	Onshore cable corridor	8.216	Public Right of Way	Bridleway 2213	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-20	Onshore cable corridor	8.217	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
PRX-08	Onshore cable corridor	8.281	Public Right of Way	Bridleway 2219	Open cut	-
ELX-21	Onshore cable corridor	8.486	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
ELX-22	Onshore cable corridor	8.682	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
ELX-23	Onshore cable corridor	8.860	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
PRX-09	Onshore cable corridor	8.861	Public Right of Way	Bridleway 2219	Open cut	-
TRX-05	Onshore cable corridor	9.504	Track	Private track	Open cut	-
PRX-10	Onshore cable corridor	9.505	Public Right of Way	Bridleway 2221	Open cut	-
PRX-11	Onshore cable corridor	9.829	Public Right of Way	Footpath 2256	Open cut	-
TRX-05a	Onshore cable corridor	9.834	Track	Private track	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
TRX-08	Onshore cable corridor	11.912	Track	Private track/gallops	Open cut	-
PRX-12	Onshore cable corridor	11.917	Public Right of Way	Bridleway 2191	Open cut	-
GLX-03	Onshore cable corridor	12.396	Utility - Gas	Southern Gas Networks	TBD	-
TRX-09	Onshore cable corridor	12.832	Track	Private track	Open cut	-
ELX-24	Onshore cable corridor	13.224	Utility - Electricity	UK Power Networks	TBD	-
TRX-10	Onshore cable corridor	13.552	Track	Private track	Open cut	-
PRX-13	Onshore cable corridor	13.555	Public Right of Way	Bridleway 2252	Open cut	-
PRX-14	Onshore cable corridor	14.507	Public Right of Way	Bridleway 2260	Open cut	-
TRX-11	Onshore cable corridor	14.512	Track	Private track	Open cut	-
PRX-15	Onshore cable corridor	15.012	Public Right of Way	Bridleway 2173	Open cut	-
GLX-04	Onshore cable corridor	15.325	Utility - Gas	Southern Gas Networks	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
PRX-16	Onshore cable corridor	15.507	Public Right of Way	Bridleway 2282/1	Open cut	-
TRX-12	Onshore cable corridor	15.629	Track	Private track / South Downs Way	Open cut	-
PRX-17	Onshore cable corridor	15.632	Public Right of Way	Restricted Byway 2092	Open cut	-
GLX-05	Onshore cable corridor	15.918	Utility - Gas	Southern Gas Networks	TBD	-
PRX-18	Onshore cable corridor	16.015	Public Right of Way	Bridleway 2282	Trenchless	250
PRX-19	Onshore cable corridor	16.020	Public Right of Way	Bridleway 2688	Trenchless	
TRX-13	Onshore cable corridor	16.044	Track	Private track	Trenchless	
PRX-20	Onshore cable corridor	16.046	Public Right of Way	Bridleway 2108/1	Trenchless	
TRX-14	Onshore cable corridor	16.920	Track	Private track	Open cut	-
TRX-15	Onshore cable corridor	17.604	Track	Private track	Open cut	-
PRX-21	Onshore cable corridor	17.606	Public Right of Way	Bridleway 2665	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
GLX-06	Onshore cable corridor	17.607	Utility - Gas	Southern Gas Networks	TBD	-
TRX-15a	Onshore cable corridor	17.995	Track	Private track	Open cut	-
TRX-16	Onshore cable corridor	18.275	Track	Private track	Open cut	-
PRX-22	Onshore cable corridor	18.279	Public Right of Way	Bridleway 2697	Open cut	-
TLX-13	Onshore cable corridor	18.304	Utility - Telecoms	Openreach	TBD	-
ELX-25	Onshore cable corridor	18.326	Utility - Electricity	UK Power Networks	TBD	-
ELX-26	Onshore cable corridor	18.385	Utility - Electricity	UK Power Networks	TBD	-
ELX-27	Onshore cable corridor	18.419	Utility - Electricity	UK Power Networks	TBD	-
GLX-07	Onshore cable corridor	18.731	Utility - Gas	Southern Gas Networks	TBD	-
RDX-06	Onshore cable corridor	18.749	Road	A24	Trenchless	200
PRX-23	Onshore cable corridor	18.787	Public Right of Way	Footpath 2698	Trenchless	

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-28	Onshore cable corridor	19.102	Utility - Electricity	UK Power Networks	TBD	-
TLX-14	Onshore cable corridor	19.105	Utility - Telecoms	Openreach	TBD	-
WLX-17	Onshore cable corridor	19.106	Utility - Water	Southern Water	TBD	-
RDX-07	Onshore cable corridor	19.108	Road	London Road	Trenchless	300
WLX-18	Onshore cable corridor	19.110	Utility - Water	Southern Water	Trenchless	
WLX-19	Onshore cable corridor	19.129	Utility - Water	Southern Water	Trenchless	
RDX-08	Onshore cable corridor	19.133	Road	A283	Trenchless	
WLX-20	Onshore cable corridor	19.163	Utility - Foul Water	Southern Water	Trenchless	
STX-02	Onshore cable corridor	19.209	Watercourse	Stream	Trenchless	
PRX-24	Onshore cable corridor	19.337	Public Right of Way	Footpath 2701	Open cut	-
DTX-13c	Onshore cable corridor	19.431	Surface Drain		Trenchless	150
WLX-21	Onshore cable corridor	19.466	Utility - Water	Southern Water	Trenchless	

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
RDX-09	Onshore cable corridor	19.471	Road	A283	Trenchless	
WLX-22	Onshore cable corridor	19.486	Utility - Water	Southern Water	Trenchless	
TLX-15	Onshore cable corridor	19.493	Utility - Telecoms	Openreach	Trenchless	
TRX-17	Onshore cable corridor	19.514	Track	Private track	Trenchless	
WLX-23	Onshore cable corridor	19.516	Utility - Water	Southern Water	TBD	-
TRX-18	Onshore cable corridor	19.597	Track	Private track	Open cut	-
ELX-29	Onshore cable corridor	19.598	Utility - Electricity	UK Power Networks	TBD	-
TLX-16	Onshore cable corridor	19.599	Utility - Telecoms	Openreach	TBD	-
PRX-25	Onshore cable corridor	19.771	Public Right of Way	Bridleway 2703	Open cut	-
WLX-24	Onshore cable corridor	19.771	Utility - Water	Southern Water	TBD	-
TRX-19	Onshore cable corridor	19.773	Track	Private track	Open cut	-
TLX-17	Onshore cable corridor	19.774	Utility - Telecoms	Openreach	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
TLX-18	Onshore cable corridor	20.474	Utility - Telecoms	Openreach	TBD	-
TRX-20	Onshore cable corridor	20.482	Track	Private track	Open cut	-
STX-B01	Onshore cable corridor	20.922	Watercourse	Stream	Open cut	-
TLX-19	Onshore cable corridor	21.109	Utility - Telecoms	Openreach	TBD	-
RDX-B01	Onshore cable corridor	21.113	Road	A283	Trenchless	100
WLX-25	Onshore cable corridor	21.114	Utility - Water	Southern Water	TBD	-
WLX-26	Onshore cable corridor	21.126	Utility - Water	Southern Water	TBD	-
WLX-27	Onshore cable corridor	21.652	Utility - Water	Southern Water	TBD	-
RDX-B02	Onshore cable corridor	21.656	Road	Water Lane	Open cut	-
WLX-28	Onshore cable corridor	21.660	Utility - Water	Southern Water	TBD	-
STX-B02	Onshore cable corridor	21.704	Watercourse	Stream	Open cut	-
PRX-26	Onshore cable corridor	21.922	Public Right of Way	Footpath 2710	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
PRX-27	Onshore cable corridor	22.240	Public Right of Way	Bridleway 2711	Open cut	-
TRX20a	Onshore cable corridor	22.242	Track	Private track	Open cut	-
DTX-13d	Onshore cable corridor	22.473	Surface Drain	Surface drain	Open cut	-
STX-05	Onshore cable corridor	22.995	Watercourse	Stream	Open cut	-
PRX-28	Onshore cable corridor	23.321	Public Right of Way	Footpath 2514	Open cut	-
TRX-22	Onshore cable corridor	23.327	Track	Private track	Open cut	-
ELX-30	Onshore cable corridor	24.033	Utility - Electricity	UK Power Networks	TBD	-
ELX-31	Onshore cable corridor	24.036	Utility - Electricity	UK Power Networks	TBD	-
TLX-20	Onshore cable corridor	24.083	Utility - Telecoms	Openreach	TBD	-
PRX-29	Onshore cable corridor	24.088	Public Right of Way	Bridleway 2594	Open cut	-
TRX-23	Onshore cable corridor	24.093	Track	Private track	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-32	Onshore cable corridor	24.252	Utility - Electricity	UK Power Networks	TBD	-
ELX-33	Onshore cable corridor	24.481	Utility - Electricity	UK Power Networks	TBD	-
ELX-34	Onshore cable corridor	24.577	Utility - Electricity	UK Power Networks	TBD	-
PRX-30	Onshore cable corridor	24.689	Public Right of Way	Bridleway 2589/1	Open cut	-
TLX-21	Onshore cable corridor	25.125	Utility - Telecoms	Openreach	TBD	-
WLX-29	Onshore cable corridor	25.134	Utility - Water	Southern Water	TBD	-
TLX-22	Onshore cable corridor	25.135	Utility - Telecoms	Openreach	TBD	-
WLX-30	Onshore cable corridor	25.137	Utility - Water	Southern Water	TBD	-
RDX-12	Onshore cable corridor	25.139	Road	Spithandle Lane	Open cut	-
TRX-24	Onshore cable corridor	25.235	Track	Private track	Open cut	-
STX-06	Onshore cable corridor	25.509	Watercourse	Stream	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
STX-07	Onshore cable corridor	25.855	Watercourse	Stream	Open cut	-
PRX-31	Onshore cable corridor	26.014	Public Right of Way	Footpath 2588	Open cut	-
WLX-31	Onshore cable corridor	26.073	Utility - Water	Southern Water	TBD	-
RDX-13	Onshore cable corridor	26.074	Road	B2135	Open cut	-
ELX-35	Onshore cable corridor	26.086	Utility - Electricity	UK Power Networks	TBD	-
TLX-23	Onshore cable corridor	26.709	Utility - Telecoms	Openreach	TBD	-
TLX-24	Onshore cable corridor	26.712	Utility - Telecoms	Openreach	TBD	-
WLX-32	Onshore cable corridor	26.747	Utility - Water	Southern Water	TBD	-
PRX-32	Onshore cable corridor	26.749	Public Right of Way	Footpath 2519	Open cut	-
TLX-25	Onshore cable corridor	26.751	Utility - Telecoms	Openreach	TBD	-
TRX-25	Onshore cable corridor	26.752	Track	Private track	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
PRX-33	Onshore cable corridor	27.019	Public Right of Way	Footpath 2520	Open cut	-
ELX-36	Onshore cable corridor	27.068	Utility - Electricity	UK Power Networks	TBD	-
STX-08	Onshore cable corridor	27.076	Watercourse	Stream	Open cut	-
GLX-08	Onshore cable corridor	27.186	Utility - Gas	Southern Gas Networks	TBD	-
PRX-34	Onshore cable corridor	27.326	Public Right of Way	Footpath 2519	Open cut	-
DTX-13e	Onshore cable corridor	27.376	Surface Drain	Surface drain	Open cut	-
ELX-37	Onshore cable corridor	27.378	Utility - Electricity	UK Power Networks	TBD	-
TRX-26	Onshore cable corridor	27.588	Track	Private track	Open cut	-
DTX-14	Onshore cable corridor	27.870	Surface Drain	Surface Drain	Trenchless	250
RVX-02	Onshore cable corridor	27.961	Watercourse	River Adur	Trenchless	
DTX-14a	Onshore cable corridor	28.541	Surface Drain	Private track	Open cut	-
TRX-27	Onshore cable corridor	28.686	Track	Private track	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-38	Onshore cable corridor	29.049	Utility - Electricity	UK Power Networks	TBD	-
WLX-33	Onshore cable corridor	29.099	Utility - Water	Southern Water	TBD	-
WLX-34	Onshore cable corridor	29.105	Utility - Water	Southern Water	TBD	-
GLX-09	Onshore cable corridor	29.119	Utility - Gas	Southern Gas Networks	TBD	-
TRX-28	Onshore cable corridor	29.120	Track	Disused railway line	Open cut	-
PRX-35	Onshore cable corridor	29.124	Public Right of Way	Bridleway 3514	Open cut	-
ELX-39	Onshore cable corridor	29.241	Utility - Electricity	UK Power Networks	TBD	-
ELX-40	Onshore cable corridor	29.249	Utility - Electricity	UK Power Networks	TBD	-
PRX-36	Onshore cable corridor	29.335	Public Right of Way	Footpath 2374	Open cut	-
ELX-41	Onshore cable corridor	29.423	Utility - Electricity	UK Power Networks	TBD	-
STX-09	Onshore cable corridor	29.537	Watercourse	Stream	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-42	Onshore cable corridor	29.759	Utility - Electricity	UK Power Networks	TBD	-
PRX-37	Onshore cable corridor	30.091	Public Right of Way	Footpath 1841	Open cut	-
STX-10	Onshore cable corridor	30.562	Watercourse	Stream	Open cut	-
TLX-26	Onshore cable corridor	30.633	Utility - Telecoms	Openreach	TBD	-
TLX-27	Onshore cable corridor	30.636	Utility - Telecoms	Openreach	TBD	-
WLX-35	Onshore cable corridor	30.649	Utility - Water	Southern Water	TBD	-
RDX-14	Onshore cable corridor	30.651	Road	B2116	Open cut	-
STX-11	Onshore cable corridor	30.909	Watercourse	Stream	Open cut	-
TLX-28	Onshore cable corridor	31.972	Utility - Telecoms	Openreach	TBD	-
TLX-29	Onshore cable corridor	31.976	Utility - Telecoms	Openreach	TBD	-
ELX-43	Onshore cable corridor	31.977	Utility - Electricity	UK Power Networks	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
RDX-15	Onshore cable corridor	31.983	Road	A281	Trenchless	100
PRX-WE01	Warningcamp C[1]	0.175	Public Right of Way	Footpath 2205	Open cut	-
WLX-WE01	Warningcamp C	0.312	Utility - Water	Southern Water	TBD	-
WLX-WE02	Warningcamp C	0.368	Utility - Water	Southern Water	TBD	-
ELX-WE01	Warningcamp C	0.375	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
TRX-WE04	Warningcamp C	0.379	Track	Private track	Open cut	-
WLX-WE03	Warningcamp C	0.526	Utility - Foul Water	Southern Water	TBD	-
GLX-WE01	Warningcamp C	0.538	Utility - Gas	Southern Gas Networks	TBD	-
PRX-WE02	Warningcamp C	0.605	Public Right of Way	Footpath 2202/1	Trenchless	400
RDX-WE01	Warningcamp C	0.640	Road	A27	Trenchless	

[1] Kilometre points along the Warningcamp C section of the route are measured from the point where Warningcamp B and Warningcamp C diverge (approximately KP 6 on the main Onshore cable corridor)

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
WLX-WE04	Warningcamp C	0.885	Utility - Foul Water	Southern Water	Trenchless	
ELX-WE02	Warningcamp C	0.909	Utility - LV Electricity	Scottish and Southern Electricity	Trenchless	
WLX-WE05	Warningcamp C	0.911	Utility - Water	Southern Water	Trenchless	
TLX-WE01	Warningcamp C	0.912	Utility - Telecoms	Openreach	Trenchless	
WLX-WE06	Warningcamp C	0.915	Utility - Water	Southern Water	Trenchless	
RDX-WE02	Warningcamp C	0.919	Road	Crossbush Lane	Trenchless	
ELX-WE03	Warningcamp C	0.923	Utility - LV Electricity	Scottish and Southern Electricity	Trenchless	
TLX-WE02	Warningcamp C	0.928	Utility - Telecoms	Openreach	Trenchless	
WLX-WE07	Warningcamp C	0.932	Utility - Foul Water	Southern Water	Trenchless	
GLX-WE02	Warningcamp C	0.937	Utility - Gas	Southern Gas Networks	Trenchless	
PRX-WE03	Warningcamp C	0.979	Public Right of Way	Footpath 2189	Trenchless	

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
WLX-WE08	Warningcamp C	1.173	Utility - Water	Southern Water	TBD	-
ELX-WE04	Warningcamp C	1.175	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
RDX-WE03	Warningcamp C	1.180	Road	Clay Lane	Open cut	-
ELX-WE05	Warningcamp C	1.257	Utility - HV Electricity	Scottish and Southern Electricity	TBD	-
WLX-OD01	Bolney Road / Kent Street 1C & 1D[2]	0.007	Utility - Water	Southern Water	TBD	-
TRX-29a	Oakendene Bolney Road / Kent Street 1C & 1D	0.380	Track	Private track	Open cut	-
STX-OD02a	Bolney Road / Kent Street 1C & 1D	1.056	Watercourse	Stream	Open cut	-
PRX-OD01	Bolney Road / Kent Street 1C & 1D	1.302	Public Right of Way	Footpath 1781	Open cut	-
PRX-OD02	Bolney Road / Kent Street 1C & 1D	1.508	Public Right of Way	Footpath 1776/1	Open cut	-

[2] Kilometre points along the Bolney Road / Kent Street 1C & 1D section of the cable route are measured from the northern end of the main Onshore cable corridor.

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-OD01	Bolney Road / Kent Street 1C & 1D	1.544	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD02	Bolney Road / Kent Street 1C & 1D	1.716	Utility - Electricity	UK Power Networks	TBD	-
STX-OD03	Bolney Road / Kent Street 1C & 1D	1.911	Watercourse	Stream	Trenchless	100
ELX-OD03	Bolney Road / Kent Street 1C & 1D	2.082	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD04	Bolney Road / Kent Street 1C & 1D	2.101	Utility - Electricity	UK Power Networks	TBD	-
TLX-OD01	Bolney Road / Kent Street 1C & 1D	2.120	Utility - Telecoms	Openreach	TBD	-
TRX-OD01	Bolney Road / Kent Street 1C & 1D	2.124	Track	Private track	Open cut	-
PRX-OD03	Bolney Road / Kent Street 1C & 1D	2.127	Public Right of Way	Footpath 1782	Open cut	-
ELX-OD05	Bolney Road / Kent Street 1C & 1D	2.171	Utility - Electricity	UK Power Networks	TBD	-
PRX-OD04	Bolney Road / Kent Street 1C & 1D	2.304	Public Right of Way	Footpath 1783	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
STX-OD04	Bolney Road / Kent Street 1C & 1D	2.601	Watercourse	Stream	Open cut	-
ELX-OD06	Bolney Road / Kent Street 1C & 1D	2.644	Utility - Electricity	UK Power Networks	TBD	-
TRX-OD02	Bolney Road / Kent Street 1C & 1D	2.731	Track	Private track	Open cut	-
PRX-OD05	Bolney Road / Kent Street 1C & 1D	2.736	Public Right of Way	Bridleway 1730	Open cut	-
TLX-OD02	Bolney Road / Kent Street 1C & 1D	2.736	Utility - Telecoms	Openreach	TBD	-
ELX-OD07	Bolney Road / Kent Street 1C & 1D	2.994	Utility - HV Electricity	National Grid	TBD	-
ELX-OD08	Bolney Road / Kent Street 1C & 1D	2.995	Utility - Electricity	UK Power Networks	TBD	-
TRX-OD03	Bolney Road / Kent Street 1C & 1D	3.096	Track	Private track	Open cut	-
PRX-OD06	Bolney Road / Kent Street 1C & 1D	3.099	Public Right of Way	Footpath 1787	Open cut	-
STX-OD05	Bolney Road / Kent Street 1C & 1D	3.329	Watercourse	Stream	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
TLX-OD03	Bolney Road / Kent Street 1C & 1D	3.351	Utility - Telecoms	Openreach	TBD	-
TLX-OD04	Bolney Road / Kent Street 1C & 1D	3.351	Utility - Telecoms	Openreach	TBD	-
ELX-OD09	Bolney Road / Kent Street 1C & 1D	3.355	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD10	Bolney Road / Kent Street 1C & 1D	3.355	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD11	Bolney Road / Kent Street 1C & 1D	3.355	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD12	Bolney Road / Kent Street 1C & 1D	3.355	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD13	Bolney Road / Kent Street 1C & 1D	3.355	Utility - Electricity	UK Power Networks	TBD	-
RDX-OD0	Bolney Road / Kent Street 1C & 1D	3.355	Road	Kent Street	Open cut	-
ELX-OD14	Bolney Road / Kent Street 1C & 1D	3.356	Utility - Electricity	UK Power Networks	TBD	-
WLX-OD02	Bolney Road / Kent Street 1C & 1D	3.359	Utility - Water	Southern Water	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
WLX-OD03	Bolney Road / Kent Street 1C & 1D	3.359	Utility - Water	Southern Water	TBD	-
ELX-OD15	Bolney Road / Kent Street 1C & 1D	3.418	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD16	Bolney Road / Kent Street 1C & 1D	3.419	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD17	Bolney Road / Kent Street 1C & 1D	3.742	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD18	Bolney Road / Kent Street 1C & 1D	3.813	Utility - Electricity	UK Power Networks	TBD	-
TRX-OD04	Bolney Road / Kent Street 1C & 1D	3.821	Track	Private track	Open cut	-
ELX-OD19	Bolney Road / Kent Street 1C & 1D	3.888	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD20	Bolney Road / Kent Street 1C & 1D	3.889	Utility - Electricity	UK Power Networks	TBD	-
TRX-OD05	Bolney Road / Kent Street 1C & 1D	4.056	Track	Private track	Open cut	-
TRX-OD06	Bolney Road / Kent Street 1C & 1D	4.090	Track	Private track	Open cut	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
TLX-OD05	Bolney Road / Kent Street 1C & 1D	4.517	Utility - Telecoms	Openreach	TBD	-
TLX-OD06	Bolney Road / Kent Street 1C & 1D	4.517	Utility - Telecoms	SSE Enterprise	TBD	-
WLX-OD04	Bolney Road / Kent Street 1C & 1D	4.517	Utility - Water	Southern Water	TBD	-
RDX-OD01	Bolney Road / Kent Street 1C & 1D	4.518	Road	Wineham Lane	Open cut	-
WLX-OD05	Bolney Road / Kent Street 1C & 1D	4.520	Utility - Water	Southern Water	TBD	-
TLX-OD07	Bolney Road / Kent Street 1C & 1D	4.523	Utility - Telecoms	Openreach	TBD	-
TLX-OD08	Bolney Road / Kent Street 1C & 1D	4.524	Utility - Telecoms	Vodafone	TBD	-
PRX-OD08	Bolney Road / Kent Street 1C & 1D	4.895	Public Right of Way	Footpath 1T	Open cut	-
ELX-OD21	Bolney Road / Kent Street 1C & 1D	5.242	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD22	Bolney Road / Kent Street 1C & 1D	5.267	Utility - Electricity	UK Power Networks	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-OD23	Bolney Road / Kent Street 1C & 1D	5.275	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD24	Bolney Road / Kent Street 1C & 1D	5.276	Utility - HV Electricity	National Grid	TBD	-
ELX-OD25	Bolney Road / Kent Street 1C & 1D	5.277	Utility - Electricity	UK Power Networks	TBD	-
TLX-OD09	Bolney Road / Kent Street 1C & 1D	5.302	Utility - Telecoms	Openreach	TBD	-
ELX-OD26	Bolney Road / Kent Street 1C & 1D	5.389	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD27	Bolney Road / Kent Street 1C & 1D	5.389	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD28	Bolney Road / Kent Street 1C & 1D	5.398	Utility - Electricity	UK Power Networks	TBD	-
ELX-OD29	Bolney Road / Kent Street 1C & 1D	5.474	Utility - Electricity	UK Power Networks	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
TLX-ODN01	Bolney Road / Kent Street 1D[3]	0.009	Utility - Telecoms	Openreach	TBD	-
ELX-ODN01	Bolney Road / Kent Street 1D	0.013	Utility - Electricity	UK Power Networks	TBD	-
ELX-ODN02	Bolney Road / Kent Street 1D	0.013	Utility - Electricity	UK Power Networks	TBD	-
RDX-ODN01	Bolney Road / Kent Street 1D	0.013	Road	Kentstreet Lane	Open cut	-
ELX-ODN03	Bolney Road / Kent Street 1D	0.013	Utility - Electricity	UK Power Networks	TBD	-
WLX-ODN01	Bolney Road / Kent Street 1D	0.016	Utility - Water	Southern Water	TBD	-
STX-ODN01	Bolney Road / Kent Street 1D	0.311	Watercourse	Stream	Open cut	-
ELX-ODN04	Bolney Road / Kent Street 1D	0.389	Utility - Electricity	UK Power Networks	TBD	-

[3] Kilometre points on the Bolney Road / Kent Street 1D section of the cable route are measured from the point that the cable leaves Bolney Road/ Kent Street substation.

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-ODN05	Bolney Road / Kent Street 1D	0.424	Utility - Electricity	UK Power Networks	TBD	-
TRX-ODN01	Bolney Road / Kent Street 1D	0.616	Track	Private track	Open cut	-
ELX-ODN06	Bolney Road / Kent Street 1D	0.698	Utility - Electricity	UK Power Networks	TBD	-
PRX-OD07	Bolney Road / Kent Street 1D	0.775	Public Right of Way	Footpath 1789	Open cut	-
ELX-WP01	Wineham Lane North 1A &1B[4]	0.226	Utility - Electricity	UK Power Networks	TBD	-
ELX-WP02	Wineham Lane North 1A &1B	0.524	Utility - Electricity	UK Power Networks	TBD	-
ELX-WP03	Wineham Lane North 1A &1B	0.930	Utility - Electricity	UK Power Networks	TBD	-
ELX-WP04	Wineham Lane North 1A &1B	0.956	Utility - Electricity	UK Power Networks	TBD	-

[4] Kilometre points on the Wineham Lane North 1A &1B section are measured from the northern end of the Snakes Harbour Farm section.

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-WP05	Wineham Lane North 1A &1B	0.962	Utility - Electricity	UK Power Networks	TBD	-
PRX-WP01	Wineham Lane North 1A &1B	0.980	Public Right of Way	Footpath 1790	Open cut	-
TLX-WP01	Wineham Lane North 1A &1B	1.208	Utility - Telecoms	Openreach	TBD	-
RDX-WP01	Wineham Lane North 1A &1B	1.209	Road	Wineham Lane	Open cut	-
WLX-WP01	Wineham Lane North 1A &1B	1.210	Utility - Water	Southern Water	TBD	-
TLX-WP02	Wineham Lane North 1A &1B	1.211	Utility - Telecoms	SSE Enterprise	TBD	-
WLX-WP02	Wineham Lane North 1A &1B	1.213	Utility - Water	Southern Water	TBD	-
ELX-WP06	Wineham Lane North 1A &1B	1.214	Utility - Electricity	UK Power Networks	TBD	-
TLX-WP03	Wineham Lane North 1A &1B	1.214	Utility - Telecoms	Openreach	TBD	-
TLX-WP04	Wineham Lane North 1A &1B	1.217	Utility - Telecoms	Vodafone	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-WP07	Wineham Lane North 1A &1B	1.268	Utility - Electricity	UK Power Networks	TBD	-
ELX-WP08	Wineham Lane North 1A &1B	1.271	Utility - HV Electricity	National Grid	TBD	-
PRX-WP02	Wineham Lane North 1A &1B	1.438	Public Right of Way	Footpath 1T	Open cut	-
ELX-BL01	Wineham Lane South 1A &1B[5]	0.305	Utility - Electricity	UK Power Networks	TBD	-
TLX-BL01	Wineham Lane South 1A &1B	0.307	Utility - Telecoms	Openreach	TBD	-
WLX-BL01	Wineham Lane South 1A &1B	0.307	Utility - Water	Southern Water	TBD	-
ELX-BL02	Wineham Lane South 1A &1B	0.307	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL03	Wineham Lane South 1A &1B	0.307	Utility - Electricity	UK Power Networks	TBD	-

[5] Kilometre points on the Wineham Lane South 1A &1B section are measured from the northern end of the Snakes Harbour Farm section.

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
TLX-BL02	Wineham Lane South 1A &1B	0.310	Utility - Telecoms	SSE Enterprise	TBD	-
ELX-BL04	Wineham Lane South 1A &1B	0.311	Utility - Electricity	UK Power Networks	TBD	-
WLX-BL02	Wineham Lane South 1A &1B	0.311	Utility - Water	Southern Water	TBD	-
RDX-BL01	Wineham Lane South 1A &1B	0.312	Road	Wineham Lane	Open cut	-
TLX-BL03	Wineham Lane South 1A &1B	0.312	Utility - Telecoms	Openreach	TBD	-
TLX-BL04	Wineham Lane South 1A &1B	0.312	Utility - Telecoms	Vodafone	TBD	-
TLX-BL05	Wineham Lane South 1A &1B	0.314	Utility - Telecoms	Openreach	TBD	-
ELX-BL05	Wineham Lane South 1A &1B	0.405	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL06	Wineham Lane South 1A &1B	0.425	Utility - Electricity	UK Power Networks	TBD	-
TLX-BL06	Wineham Lane South 1A &1B	0.489	Utility - Telecoms	Openreach	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
RDX-BL02	Wineham Lane South 1A &1B	0.492	Road	Bob Lane	Open cut	-
TLX-BL07	Wineham Lane South 1A &1B	0.499	Utility - Telecoms	Openreach	TBD	-
TLX-BL08	Wineham Lane South 1A &1B	0.499	Utility - Telecoms	Vodafone	TBD	-
ELX-BL07	Wineham Lane South 1A &1B	0.588	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL08	Wineham Lane South 1A &1B	0.677	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL09	Wineham Lane South 1A &1B	0.692	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL10	Wineham Lane South 1A &1B	0.703	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL11	Wineham Lane South 1A &1B	0.722	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL12	Wineham Lane South 1A &1B	0.731	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL13	Wineham Lane South 1A &1B	0.797	Utility - Electricity	UK Power Networks	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-BL14	Wineham Lane South 1A &1B	0.798	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL15	Wineham Lane South 1A &1B	0.799	Utility - Electricity	UK Power Networks	TBD	-
TLX-BL09	Wineham Lane South 1A &1B	0.809	Utility - Telecoms	Openreach	TBD	-
ELX-BL16	Wineham Lane South 1A &1B	0.833	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL17	Wineham Lane South 1A &1B	0.844	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL18	Wineham Lane South 1A &1B	0.844	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL19	Wineham Lane South 1A &1B	0.844	Utility - Electricity	UK Power Networks	TBD	-
ELX-BL20	Wineham Lane South 1A &1B	0.852	Utility - Electricity	UK Power Networks	TBD	-

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
WLX-BHL01	Buck Hatch Lane[6]	0.003	Utility - Water	Southern Water	TBD	-
ELX-BHL01	Buck Hatch Lane	0.800	Utility - Electricity	UK Power Networks	TBD	-
ELX-BHL02	Buck Hatch Lane	0.800	Utility - Electricity	UK Power Networks	TBD	-
ELX-BHL03	Buck Hatch Lane	0.808	Utility - Electricity	UK Power Networks	TBD	-
ELX-BHL04	Buck Hatch Lane	0.809	Utility - Electricity	UK Power Networks	TBD	-
STX-BHL01	Buck Hatch Lane	1.037	Watercourse	Cowfold Stream	Trenchless	100
TLX-BHL01	Buck Hatch Lane	1.569	Utility - Telecoms	Openreach	TBD	-
TRX-BHL01	Buck Hatch Lane	1.576	Track	Bukhatch Lane (track)	Open cut	-
PRX-BHL01	Buck Hatch Lane	1.579	Public Right of Way	Footpath 1785	Open cut	-

[6] Kilometre points along the Buck Hatch Lane section of the cable route are measured from the northern end of the main Onshore cable corridor.

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
WLX-BHL02	Buck Hatch Lane	1.580	Utility - Water	Southern Water	TBD	-
WLX-BHL03	Buck Hatch Lane	1.580	Utility - Water	Southern Water	TBD	-
ELX-BHL05	Buck Hatch Lane	1.806	Utility - Electricity	UK Power Networks	TBD	-
ELX-SH01	Snakes Harbour Farm[7]	0.246	Utility - Electricity	UK Power Networks	TBD	-
ELX-SH02	Snakes Harbour Farm	0.247	Utility - Electricity	UK Power Networks	TBD	-
ELX-SH03	Snakes Harbour Farm	0.276	Utility - Electricity	UK Power Networks	TBD	-
ELX-SH04	Snakes Harbour Farm	0.276	Utility - Electricity	UK Power Networks	TBD	-
TLX-SH11	Snakes Harbour Farm	0.278	Utility - Telecoms	Openreach	TBD	-
TLX-SH12	Snakes Harbour Farm	0.278	Utility - Telecoms	Openreach	TBD	-

[7] Kilometre points along the Snakes Harbour Farm section of the cable route are measured from the northern end of the Wineham Lane North 1A & South 1A, and Wineham Lane North 1B & South 1B sections.

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
WLX-SH01	Snakes Harbour Farm	0.298	Utility - Water	Southern Water	TBD	-
WLX-SH02	Snakes Harbour Farm	0.298	Utility - Water	Southern Water	TBD	-
ELX-SH05	Snakes Harbour Farm	0.301	Utility - Electricity	UK Power Networks	TBD	-
ELX-SH06	Snakes Harbour Farm	0.301	Utility - Electricity	UK Power Networks	TBD	-
ELX-SH07	Snakes Harbour Farm	0.302	Utility - Electricity	UK Power Networks	TBD	-
ELX-SH08	Snakes Harbour Farm	0.302	Utility - Electricity	UK Power Networks	TBD	-
ELX-SH09	Snakes Harbour Farm	0.302	Utility - Electricity	UK Power Networks	TBD	-
ELX-SH10	Snakes Harbour Farm	0.302	Utility - Electricity	UK Power Networks	TBD	-
RDX-SH01	Snakes Harbour Farm	0.304	Road	Kent Street	Open cut	-

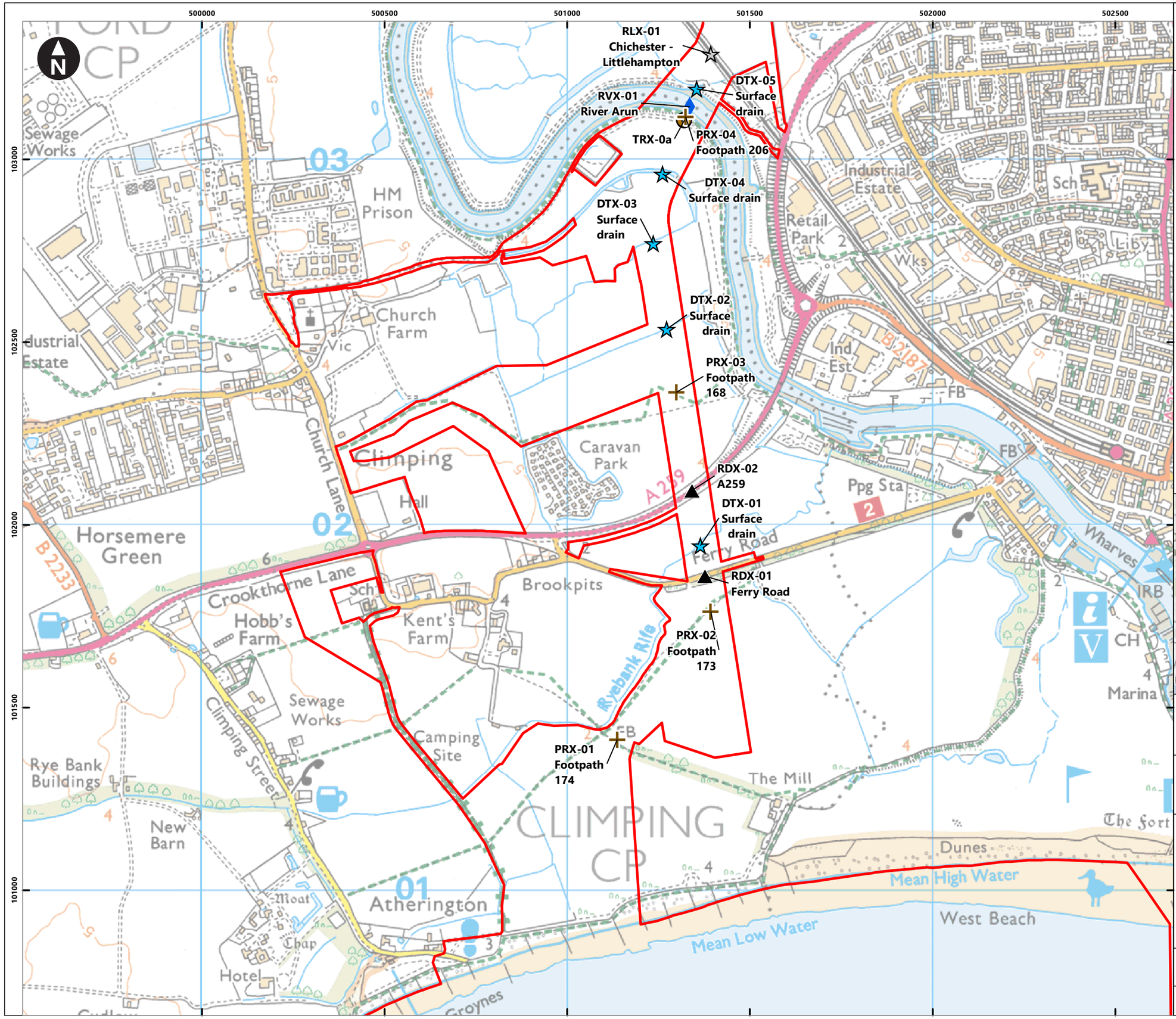
Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-FL01	Wineham Lane North 1B & South 1B [8]	0.242	Utility - Electricity	UK Power Networks	TBD	-
TLX-FL01	Wineham Lane North 1B & South 1B	0.243	Utility - Telecoms	Openreach	TBD	-
PRX-FL01	Wineham Lane North 1B & South 1B	0.246	Public Right of Way	Footpath 2382	Open cut	-
TRX-FL01	Wineham Lane North 1B & South 1B	0.249	Track	Private track	Open cut	-
TRX-FL02	Wineham Lane North 1B & South 1B	0.589	Track	Private track	Open cut	-
ELX-FL02	Wineham Lane North 1B & South 1B	0.828	Utility - Electricity	UK Power Networks	TBD	-
PRX-FL02	Wineham Lane North 1B & South 1B	1.185	Public Right of Way	Footpath 2383	Open cut	-

[8] Kilometre points along the Wineham Lane North 1B & South 1B section of the cable route are measured from the eastern end of the Buck Hatch Lane section.

Crossing Reference	Section	KP	Type	Name	Method	Approx. Trenchless Length (m)
ELX-OL01	Wineham Lane North 1A & South 1A[9]	0.112	Utility - Electricity	UK Power Networks	TBD	-
PRX-OAK01	Wineham Lane North 1A & South 1A	0.165	Public Right of Way	Footpath 2384	Open cut	-
ELX-OL02	Wineham Lane North 1A & South 1A	0.255	Utility - Electricity	UK Power Networks	TBD	-
ELX-OL03	Wineham Lane North 1A & South 1A	0.648	Utility - Electricity	UK Power Networks	TBD	-
ELX-OL04	Wineham Lane North 1A & South 1A	0.662	Utility - Electricity	UK Power Networks	TBD	-
PRX-OAK02	Wineham Lane North 1A & South 1A	0.700	Public Right of Way	Footpath 2382	Open cut	-
ELX-OL05	Wineham Lane North 1A & South 1A	0.750	Utility - Electricity	UK Power Networks	TBD	-
ELX-OL06	Wineham Lane North 1A & South 1A	0.972	Utility - Electricity	UK Power Networks	TBD	-

[9] Kilometre points along the Wineham Lane North 1A & South 1A section of the cable route are measured from the eastern end of the Buck Hatch Lane section.

Annex A
Figure



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Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)

Meters

0 75 150 300 450 600

1:10,000

British National Grid Transverse Mercator

Rampion Extension Development

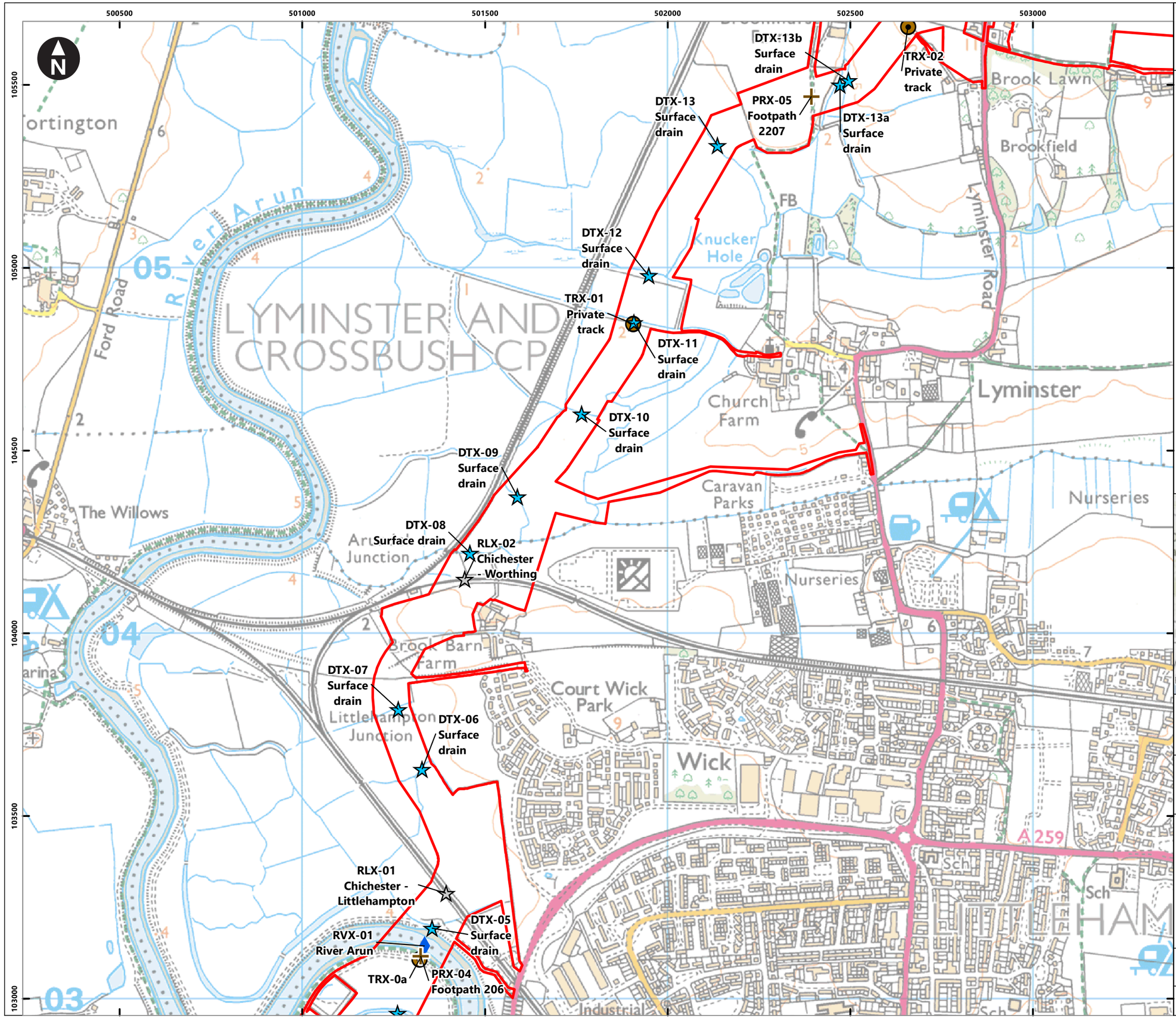
Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 4.2.1a Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:				Version:
42285-WOOD-PE-CC-FG-O-3784				1.0
Company: WOOD	Drawn By: BARNB	Chk/Aprvd: ROBEH	Drawn Date: 10/06/2021	Status: Final



Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)

Meters
0 75 150 300 450 600

1:10,000

British National Grid Transverse Mercator

Rampion Extension Development

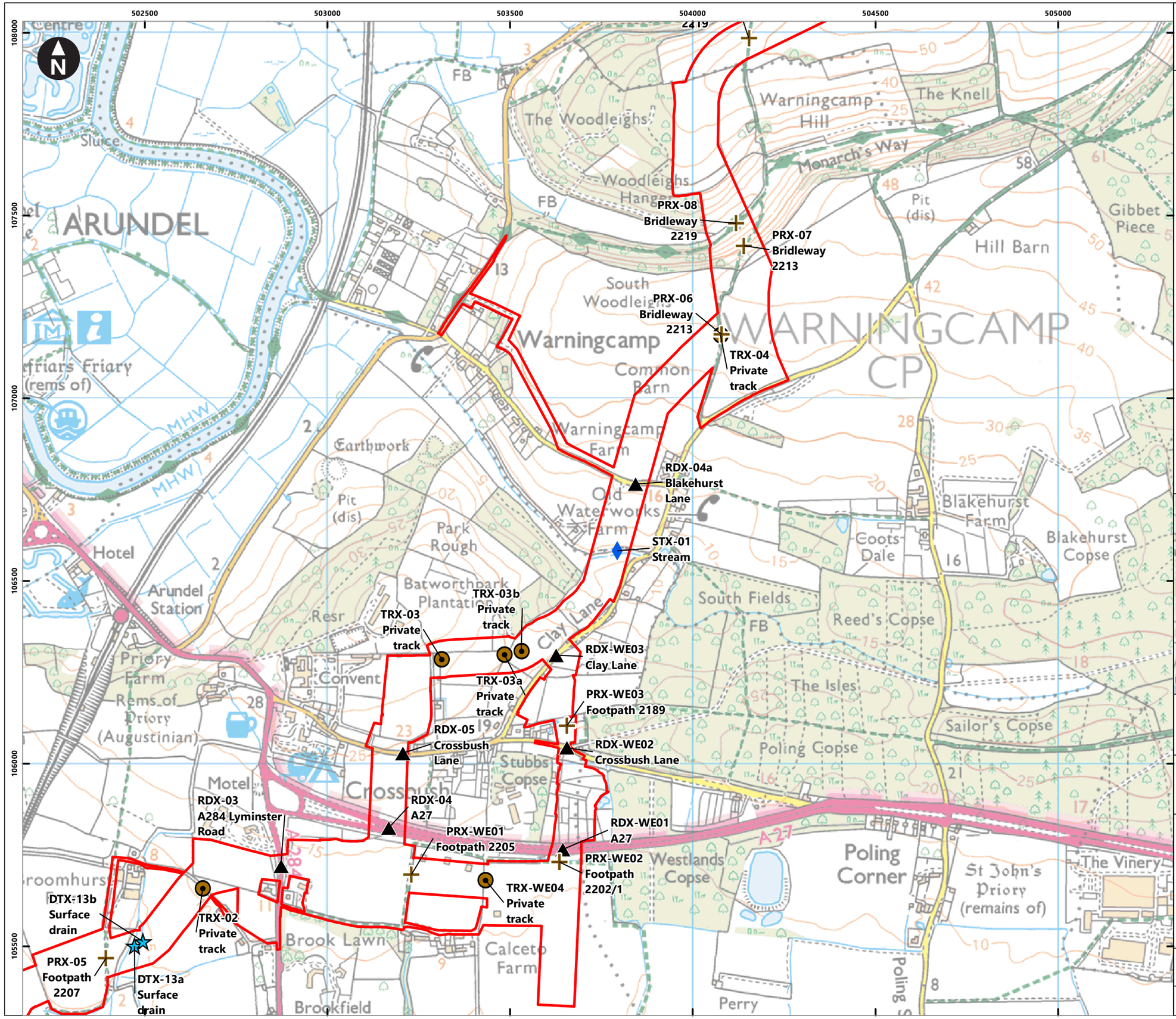
Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 4.2.1b Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:				Version:
42285-WOOD-PE-CC-FG-O-3784				1.0
Company: WOOD	Drawn By: BARNB	Chk/Aprvd: ROBEH	Drawn Date: 10/06/2021	Status: Final



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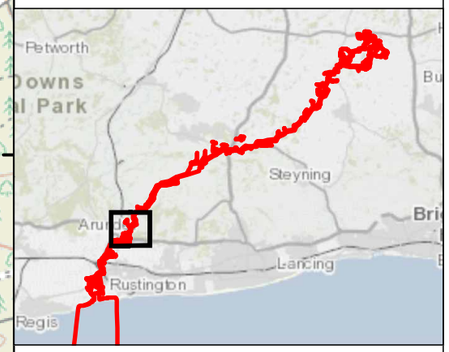
Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)



Meters
0 75 150 300 450 600
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 4.2.1c Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:				Version:
42285-WOOD-PE-CC-FG-O-3784				1.0
Company: WOOD	Drawn By: BARNB	Chk/Aprvd: ROBEH	Drawn Date: 10/06/2021	Status: Final

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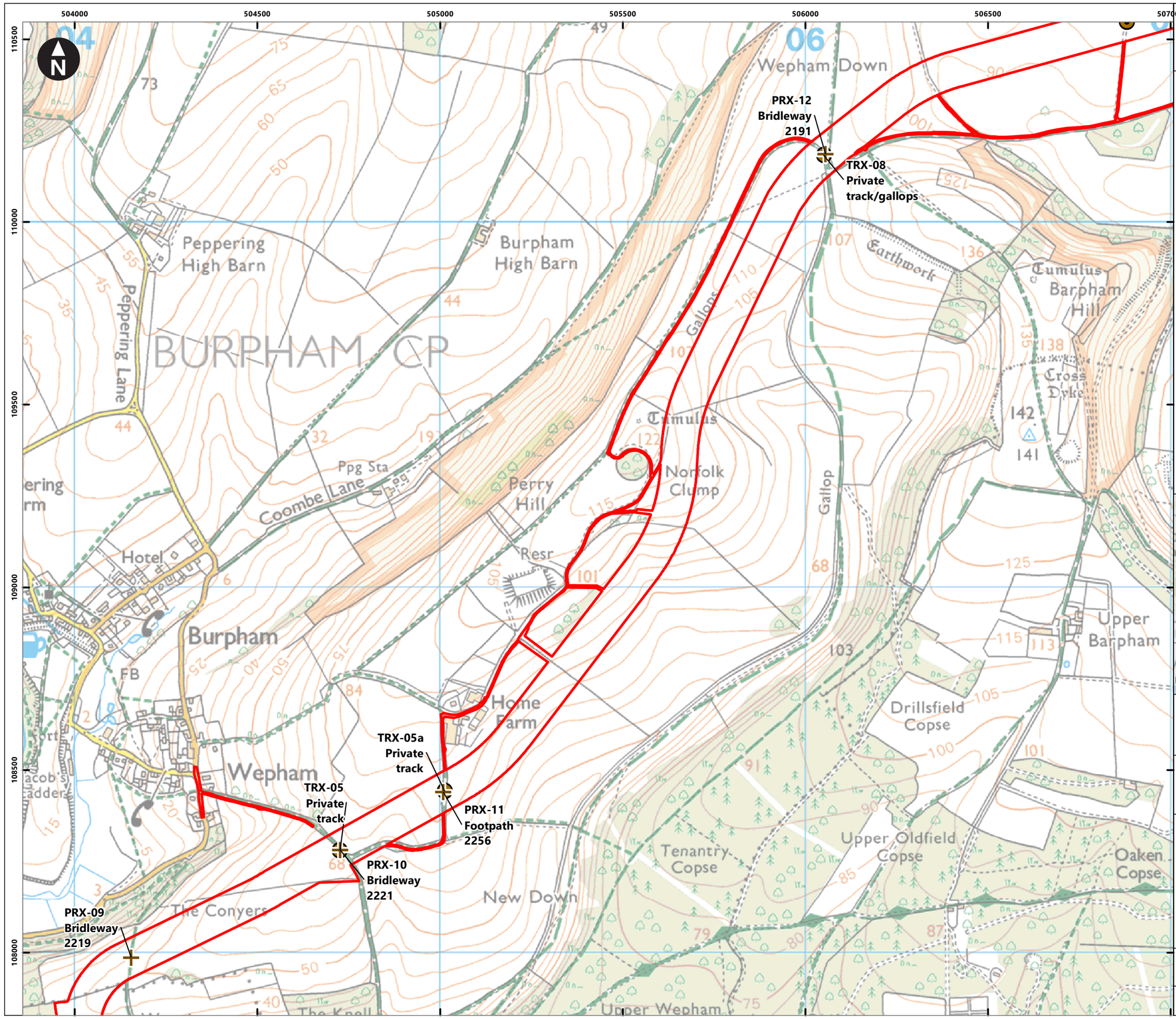


Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)

Meters
0 75 150 300 450 600
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

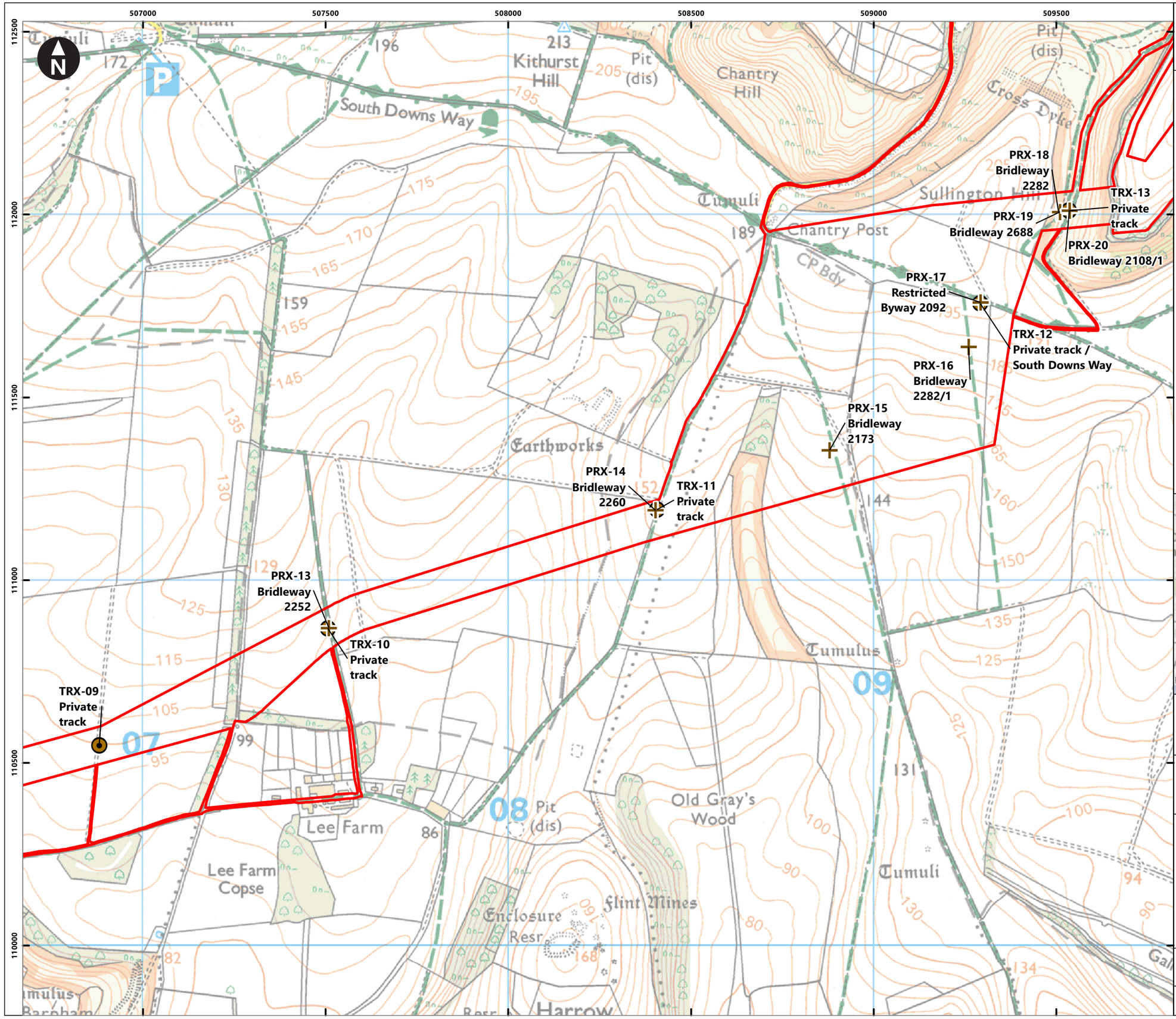
Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 4.2.1d Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:				Version:
42285-WOOD-PE-CC-FG-O-3784				1.0
Company: WOOD	Drawn By: BARNB	Chk/Aprvd: ROBEH	Drawn Date: 10/06/2021	Status: Final



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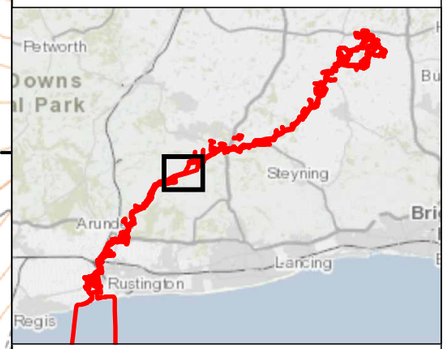
Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)



Meters
0 75 150 300 450 600
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

Rampion 2 WIND FARM

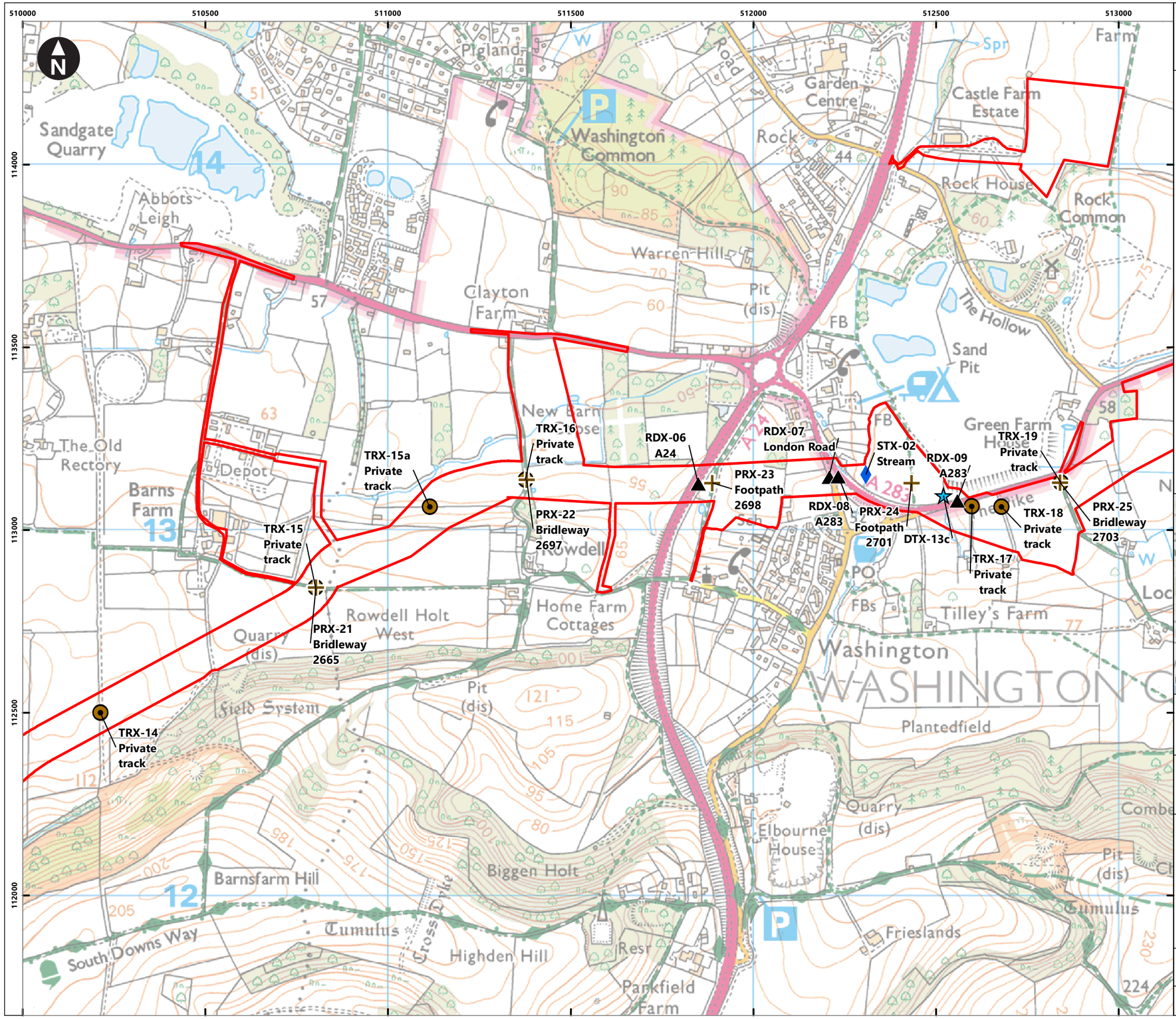
Rampion 2 Offshore Wind Farm

Figure 4.2.1e Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:	Version:
42285-WOOD-PE-CC-FG-O-3784	1.0

Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
WOOD	BARNB	ROBEH	10/06/2021	Final



Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)

Meters
0 75 150 300 450 600
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

Rampion 2 WIND FARM

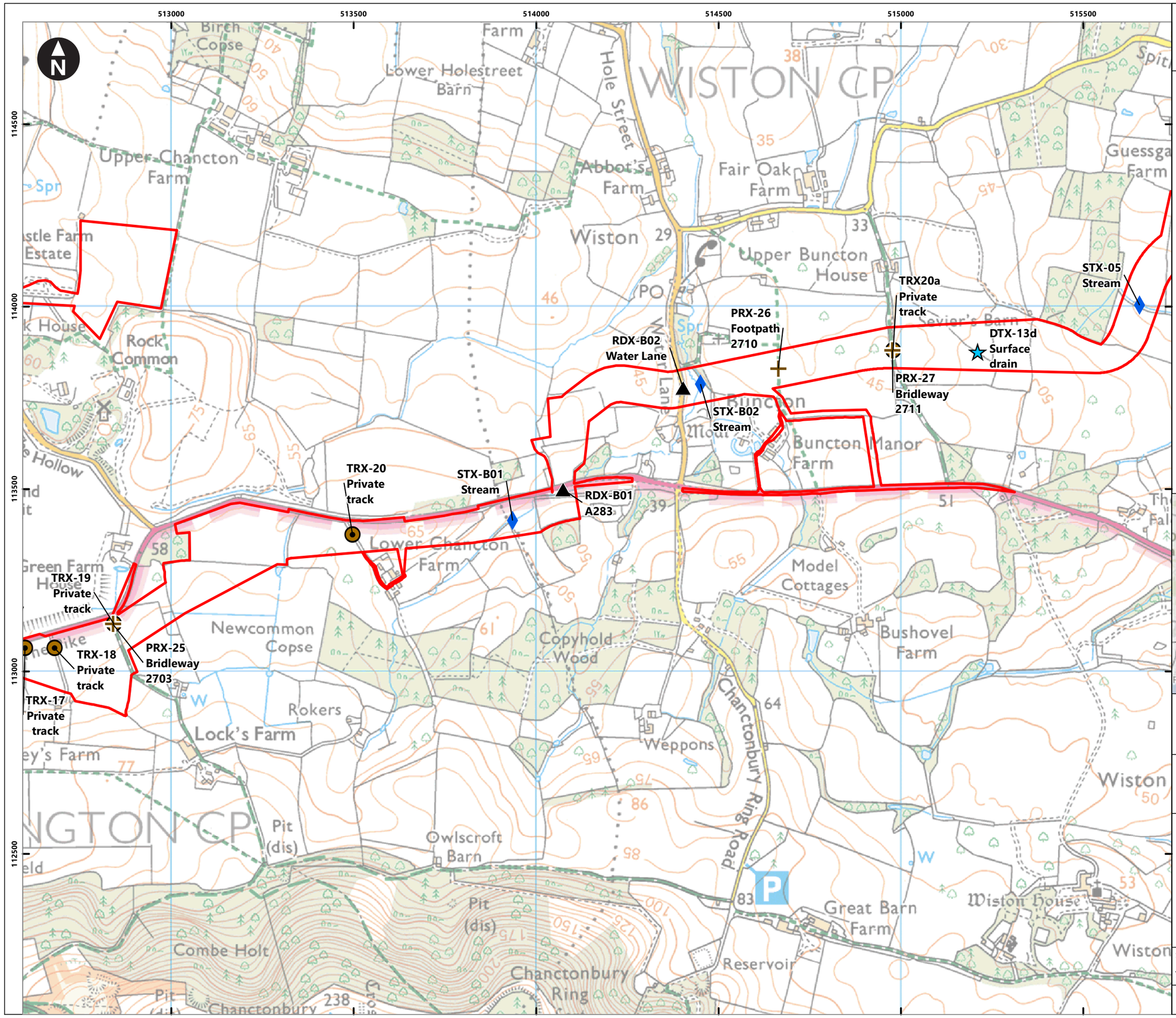
Rampion 2 Offshore Wind Farm

Figure 4.2.1f Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:	Version:
42285-WOOD-PE-CC-FG-O-3784	1.0

Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
WOOD	BARNB	ROBEH	10/06/2021	Final



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Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)

Meters
0 75 150 300 450 600
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 4.2.1g Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:	Version:
42285-WOOD-PE-CC-FG-O-3784	1.0

Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
WOOD	BARNB	ROBEH	10/06/2021	Final

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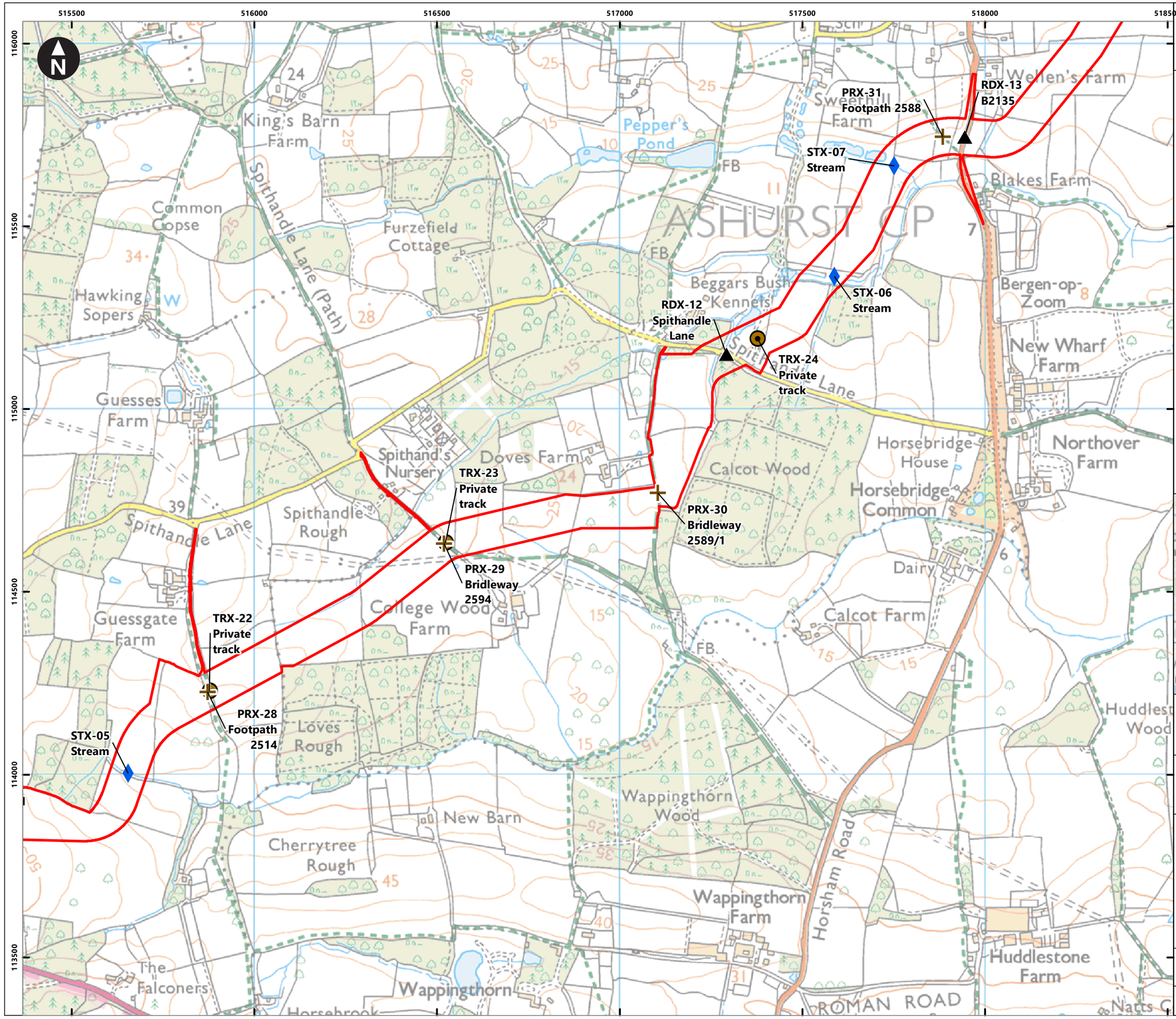
ISO A3 Landscape



Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)

Meters
0 75 150 300 450 600
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

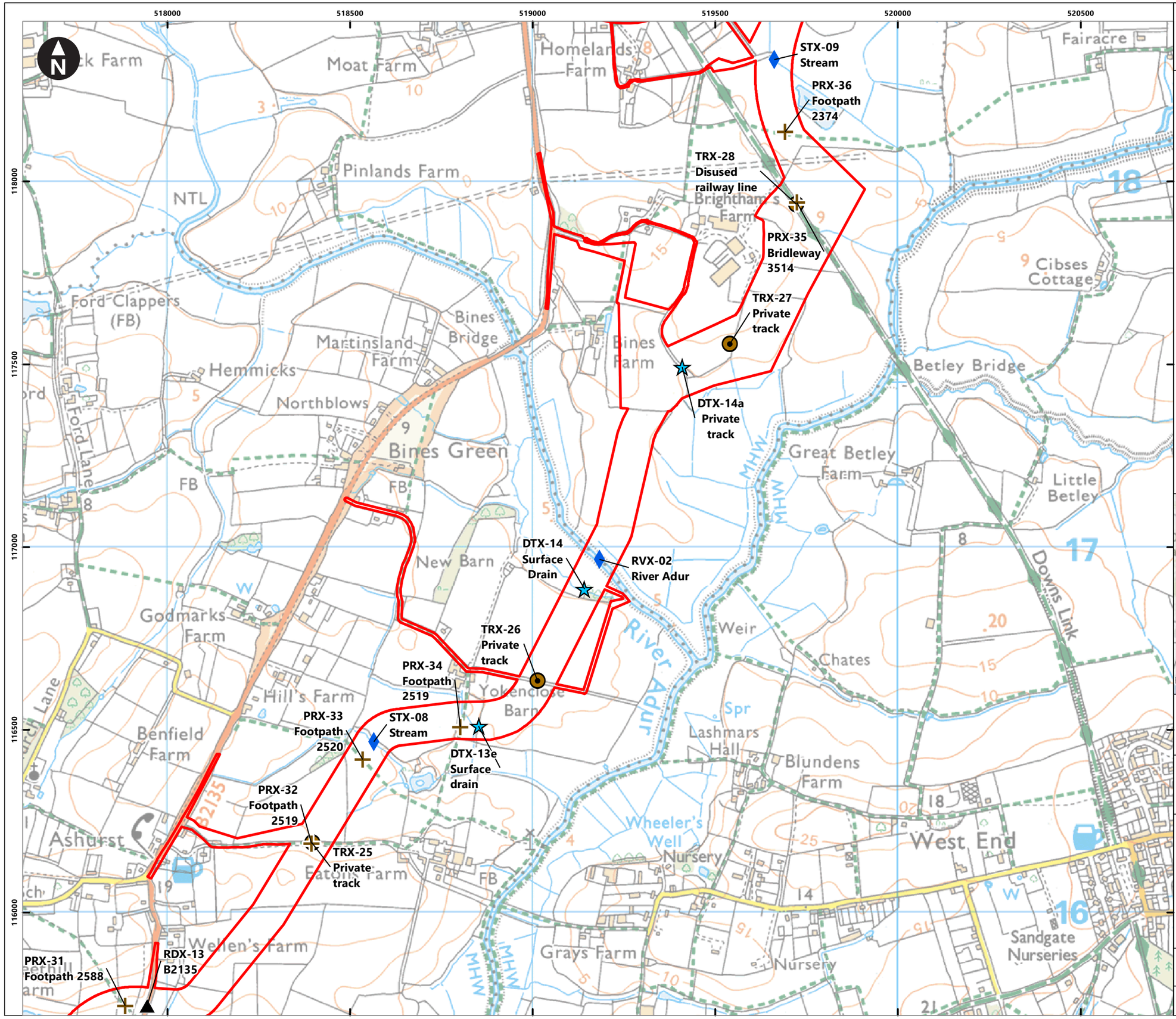
Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 4.2.1h Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:				Version:
42285-WOOD-PE-CC-FG-O-3784				1.0
Company: WOOD	Drawn By: BARNB	Chk/Aprvd: ROBEH	Drawn Date: 10/06/2021	Status: Final



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Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)

Meters
0 75 150 300 450 600
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

Rampion 2 WIND FARM

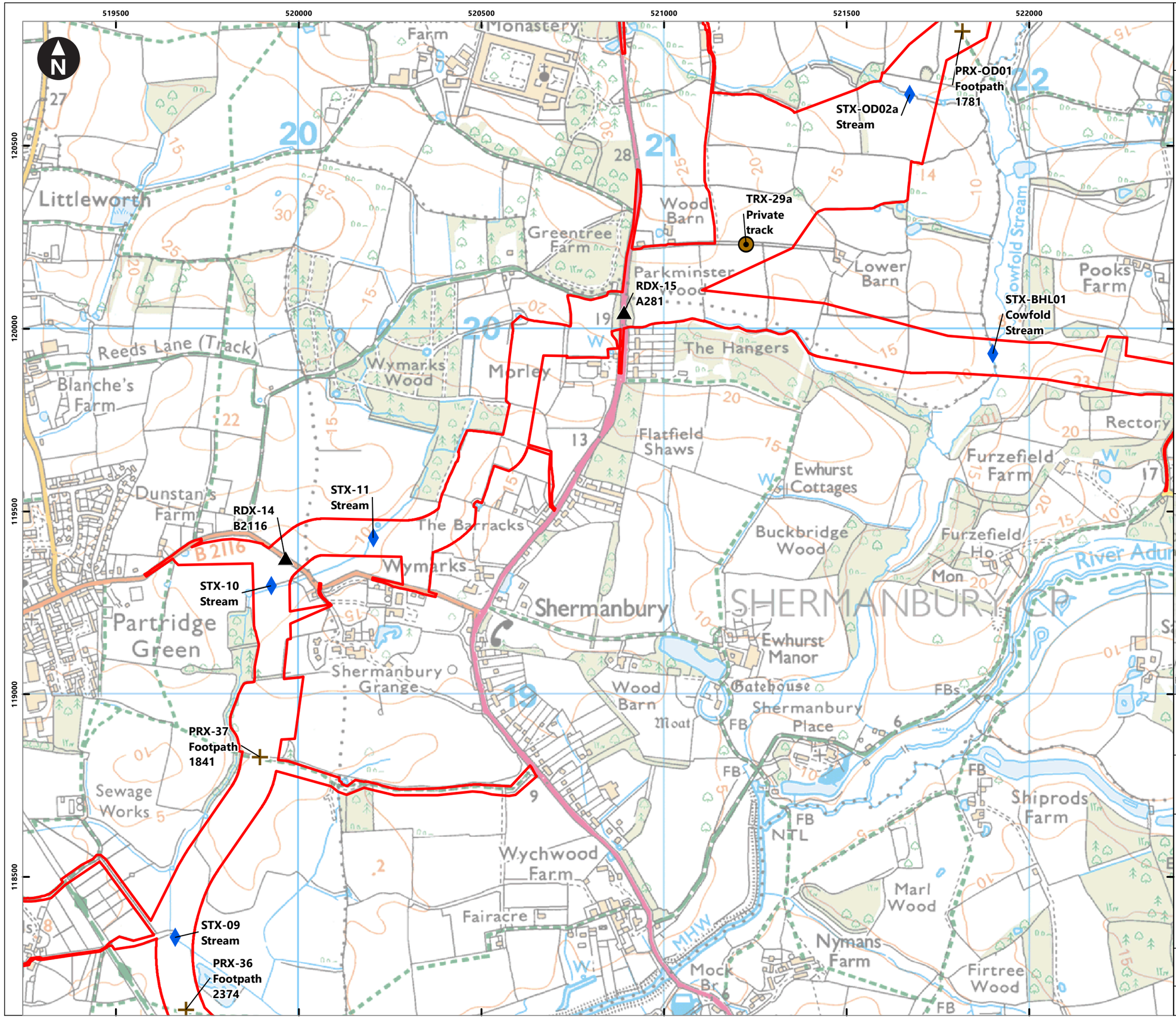
Rampion 2 Offshore Wind Farm

Figure 4.2.1i Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:	Version:
42285-WOOD-PE-CC-FG-O-3784	1.0

Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
WOOD	BARNB	ROBEH	10/06/2021	Final



Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)

Meters
0 75 150 300 450 600
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

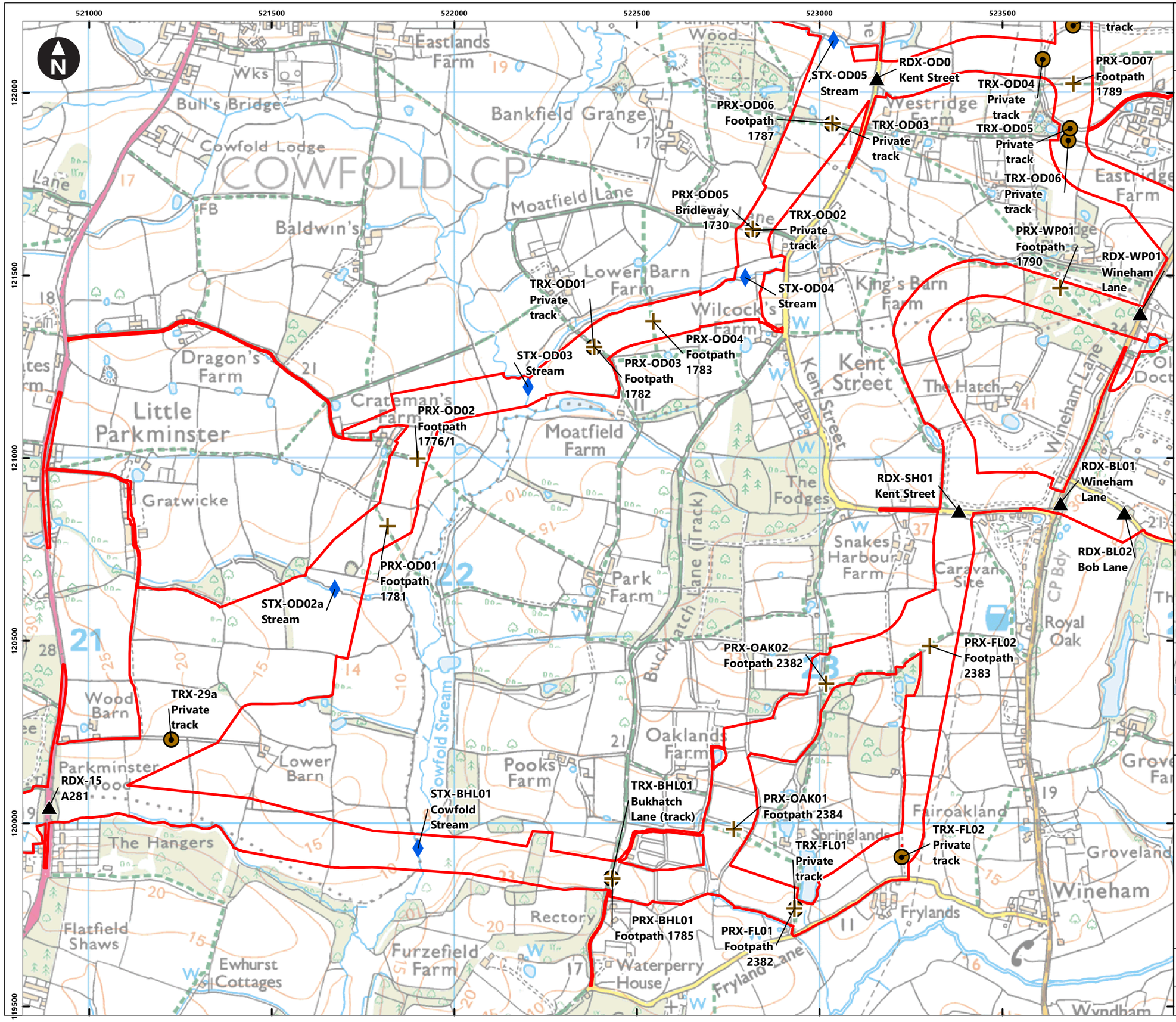
Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 4.2.1j Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:				Version:
42285-WOOD-PE-CC-FG-O-3784				1.0
Company: WOOD	Drawn By: BARNB	Chk/Aprvd: ROBEH	Drawn Date: 10/06/2021	Status: Final



Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)

Meters
0 75 150 300 450 600
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

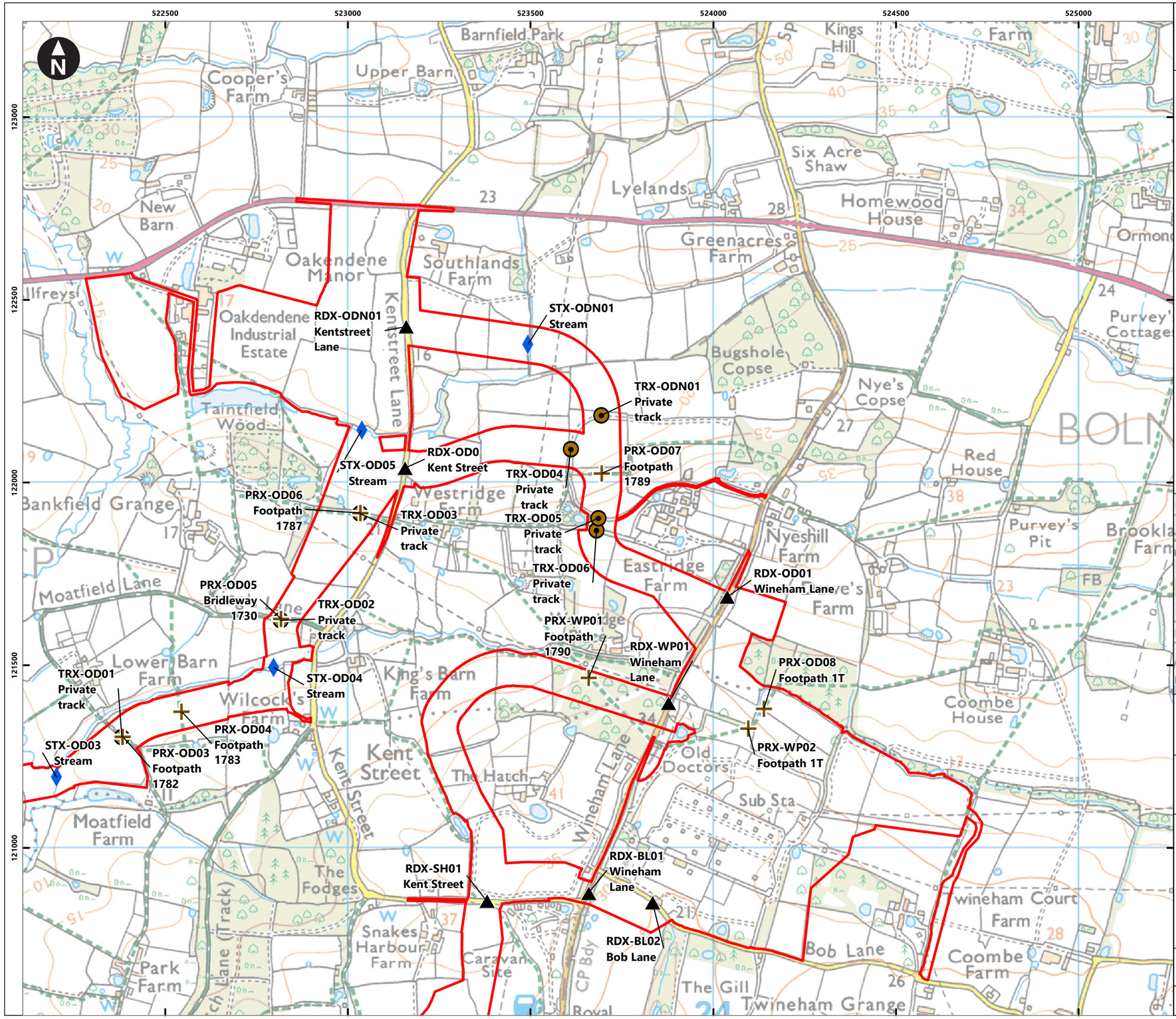
Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 4.2.1k Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:				Version:
42285-WOOD-PE-CC-FG-O-3784				1.0
Company: WOOD	Drawn By: BARNB	Chk/Aprvd: ROBEH	Drawn Date: 10/06/2021	Status: Final



Key

- PEIR Assessment Boundary

Crossings

- Public right of way (PRX)
- Rail (RLX)
- Road (RDX)
- Surface Drain (DTX)
- Track (TRX)
- Watercourse (RVX)

Meters
0 75 150 300 450 600
1:10,000
British National Grid Transverse Mercator

Rampion Extension Development

Rampion 2 WIND FARM

Rampion 2 Offshore Wind Farm

Figure 4.2.1l Main crossings on onshore cable corridor

Preliminary Environmental Information Report

System Identifier:				Version:
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Company: WOOD	Drawn By: BARNB	Chk/Aprvd: ROBEH	Drawn Date: 10/06/2021	Status: Final

wood.