

Appendix A Screening Checklist

Questions to be Considered	Yes/No/? - Briefly Describe	Is it Likely to Result in a Significant Effect? Yes/No/? - Why
1 Will construction, operation, decommissioning or demolition works of the Project involve actions that will cause physical changes in the locality (topography, land use, changes in waterbodies, etc.)?	Yes - the Proposed Development will require the breakout of the existing road and kerb, and will introduce minor changes to the existing road network.	No - taking into consideration the size, type, and location of the Proposed Development, no likely significant environmental effects are anticipated.
2 Will construction or the operation of the Project use natural resources such as land, water, materials, or energy, especially any resources which are non-renewable or are in short supply?	Yes - the Proposed Development will likely require materials such as concrete, stone, and asphalt. A water supply will be required during construction. Operational phase requirements will be similar to those of the construction phase, but limited to maintenance works when necessary.	No - given the size and type of Proposed Development, large amounts of natural resources are not anticipated to be required.
3 Will the Project involve the use, storage, transport, handling or production of substances or materials which could be harmful to human health, to the environment or raise concerns about actual or perceived risks to human health?	Yes - substances such as concrete, paint for road markings, oil, petrol, diesel, etc., will be required, mostly during the construction phase.	No - the Contractor will produce a CEMP for the Proposed Development which will include mitigation measures for the storage of chemicals and materials which have the potential to cause harm to human health and/or the environment.
4 Will the Project produce solid wastes during construction or operation or decommissioning?	Yes - most waste generated by the Proposed Development will result from the construction phase and maintenance works during the operational phase, with minor material requirements needed for operational phase maintenance works.	No - given the scale and type of Proposed Development, large quantities of waste are not anticipated to be produced. In addition, a RWMP will be produced by the Contractor for the Proposed Development and waste will be removed from the site by a licenced haulier to a licenced waste facility.
5 Will the Project release pollutants or any hazardous, toxic or noxious substances to air or lead to exceeding Ambient Air Quality standards in Directives 2008/50/EC and 2004/107/EC)?	Yes - the construction phase will produce limited air pollutants, such as greenhouse gas (GHG) emissions from construction machinery and dust. Emissions from the operational phase will be similar to those of the construction phase, but limited to maintenance works when necessary.	No - given the scale and type of Proposed Development, air emissions from construction works and machinery will not be significant. In addition, the Proposed Development has the potential to reduce local GHG emissions by encouraging a modal shift from private vehicles to public transport.
6 Will the Project cause noise and vibration or the releasing of light, heat energy or electromagnetic radiation?	Yes - there is potential for noise and vibration emissions to occur during the construction phase. Emissions from the operational phase will be similar to those of the construction phase, but limited to maintenance works when necessary.	No - potential noise and vibration effects will be temporary in nature and limited to the construction phase. In addition, appropriate mitigation measures will be in place as part of the Contractor's CEMP to avoid or reduce noise and vibration effects on any nearby sensitive receptors. During the operational phase, the Proposed Development has the potential to reduce local noise emissions by encouraging a modal shift from private vehicles to public transport.
7 Will the Project lead to risks of contamination of land or water from releases of pollutants onto the ground or into surface waters, groundwater, coastal waters or the sea?	Yes - mostly during the construction phase.	No - with appropriate mitigation measures in place as part of the Contractor's CEMP (including emergency response procedures for any leaks and spills), no likely significant effects on sensitive receptors are anticipated.

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8 Will there be any risk of accidents during construction or operation of the Project that could affect human health or the environment?	Yes - mostly during the construction phase.	No - the Contractor's CEMP and CTMP will include measures to avoid or reduce the risk of accidents during the construction phase.
9 Will the Project result in environmentally related social changes, for example, in demography, traditional lifestyles, employment?	Yes - the Proposed Development aims to promote the use of public transport by improving the available services in the area.	No - the Proposed Development will not result in significant social changes.
10 Are there any other factors that should be considered such as consequential development which could lead to environmental impacts or the potential for cumulative impacts with other existing or planned activities in the locality?	Yes - there is potential for temporary cumulative effects with applications identified in Appendix C of this report, which are likely to be limited to traffic impacts in the general area.	No - cumulative impacts with other developments will be managed and minimised through the implementation of individual CEMPs and appropriate control measures.
11 Is the project located within or close to any areas which are protected under international, EU, or national or local legislation for their ecological, landscape, cultural or other value, which could be affected by the Project?	No - there are no areas which are protected for their ecological, landscape, cultural or other value, located in close proximity to the Proposed Development.	No - taking into consideration the distance from such receptors to the site, the type and scale of Proposed Development, and the implementation of appropriate mitigation measures included in the Contractor's CEMP (including emergency response procedures for any leaks and spills), no significant effects on these receptors are likely to occur as a result of the Proposed Development.
12 Are there any other areas on or around the location that are important or sensitive for reasons of their ecology e.g. wetlands, watercourses or other waterbodies, the coastal zone, mountains, forests or woodlands, that could be affected by the Project?	No - there are no wetlands, watercourses or other waterbodies, the coastal zone, mountains, forests or woodlands, located in close proximity to the site Proposed Development.	No - refer to Answer 11.
13 Are there any areas on or around the location that are used by protected, important or sensitive species of fauna or flora e.g. for breeding, nesting, foraging, resting, overwintering, migration, which could be affected by the Project?	No – refer to Question 11.	No - refer to Answer 11.
14 Are there any inland, coastal, marine, or underground waters (or features of the marine environment) on or around the location that could be affected by the Project?	No - the closest of such areas is the Cork Harbour, located approximately 18km south-east of the site.	N/A
15 Are there any areas or features of high landscape or scenic value on or around the location which could be affected by the Project?	No – refer to Question 11.	No - refer to Answer 11.
16 Are there any routes or facilities on or around the location which are used by the public for access to recreation or other facilities, which could be affected by the Project?	No - the Proposed Development is located within a residential area and there are no recreational or other facilities (e.g., educational or health services, or businesses) along this segment of road or in close proximity to the Proposed Development.	N/A
17 Are there any transport routes on or around the location that are susceptible to congestion or which cause environmental problems, which could be affected by the Project?	Yes - Greenfields is known to be susceptible to elevated noise levels.	No - due to the type of Proposed Development, the anticipated short duration of the construction phase, and the implementation of the CTMP. During the operational phase, the Proposed Development has the potential to reduce local traffic and associated noise emissions by encouraging a modal shift from private vehicles to public transport.

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18 Is the Project in a location in which it is likely to be highly visible to many people?	Yes - construction activities will be visible by road users and local residents.	No - potential impacts will be limited to the construction phase which is anticipated to be short in duration given the nature of the works proposed. Impacts during the operational phase will be similar to the construction phase, but shorter in duration and limited to maintenance works.
19 Are there any areas or features of historic or cultural importance on or around the location that could be affected by the Project?	No - there are no cultural heritage assets in proximity or within view of the Proposed Development; the closest record is located approximately 270m south-west of the site and corresponds to discoveries made during excavations works associated with the construction of the N22 National Road.	N/A
20 Is the Project located in a previously undeveloped area where there will be loss of greenfield land?	No - the Proposed Development is located within existing hardstanding surfaces and a limited area of grassland within the existing streetscape.	N/A
21 Are there existing land uses within or around the location, e.g., homes, gardens, other private property, industry, commerce, recreation, public open space, community facilities, agriculture, forestry, tourism, mining or quarrying that could be affected by the Project?	No - the site is located within a residential area but there are no properties located along this segment of road. In addition, no change in land use zoning is required.	N/A
22 Are there any plans for future land uses within or around the location that could be affected by the Project?	No - the Proposed Development is located within existing hardstanding surfaces and does not require a change in land use zoning, nor will it affect future land uses or access to surrounding lands.	N/A
23 Are there areas within or around the location which are densely populated or built-up, that could be affected by the Project?	Yes - the Proposed Development is within a residential areas.	No - the Contractor's CEMP and CTMP will include measures to manage traffic nuisances and noise and air emissions during the construction phase.
24 Are there any areas within or around the location which are occupied by sensitive land uses e.g. hospitals, schools, places of worship, community facilities, that could be affected by the Project?	No - the closest of such sensitive receptors is Cumann Rugbaí Bhaile an Chollaigh located approximately 540m to the north-west.	N/A
25 Are there any areas within or around the location which contain important, high quality or scarce resources e.g. groundwater, surface waters, forestry, agriculture, fisheries, tourism, minerals, that could be affected by the Project?	Yes - the site extends over the Ballinhassig ground waterbody.	No - no water abstraction or major excavations are required for the completion of the construction works. The risk of pollution events will be avoided or minimised through adherence to best practice measures to be implemented by the Contractor's CEMP, including emergency response procedures for any leaks and spills. Similar measures will be implemented during operational phase maintenance works.
26 Are there any areas within or around the location which are already subject to pollution or environmental damage e.g. where existing legal environmental standards are exceeded, that could be affected by the Project?	Yes - refer to Question 17.	No - refer to Answer 17.

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27 Is the Project location susceptible to earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions e.g. temperature inversions, fogs, severe winds, which could cause the Project to present environmental problems?	Yes - the site is not located within an area identified as susceptible to flooding; however, Cork City, overall, is susceptible to severe weather events, such as snowball, heatwaves, and severe winds.	No - the Contractor's CEMP will include measures to monitor weather conditions and alerts, and stop work and secure the site in the event of unsafe working conditions linked to severe weather alerts. Similar safety measures will be implemented during the operational phase.
28 Summary of features of Project and of its location indicating the need for EIA	No likely significant effects have been identified during the EIA screening process. A full EIA culminating in the preparation of an EIAR is not required.	

Source: European Commission's 'Environmental Impact Assessment of Projects: Guidance on Screening' (EC, 2017)