

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 <i>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.)?</i>	Yes – the Proposed Development will require the breakout of existing road kerbing and will introduce minor changes such as a bus pole and a three-seated bench. There will also be minor re-grading of road verge.	No - taking into consideration the size, type and location of the Proposed Development, no likely significant effects are anticipated.
2 <i>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?</i>	Yes – the Proposed Development would likely require materials such as concrete, stone, and asphalt. A water supply will be required during construction as well.	No – given the size and type of the Proposed Development, large amounts of natural resources are not anticipated to be required.
3 <i>Will the Project involve the use, storage, transport, handling or production of substances or materials which could be diesel, etc., will be required, mostly harmful to human health, to the environment or raise concerns about actual or perceived risks to human health?</i>	Yes – substances such as concrete, paint for road markings, oil, petrol, diesel, etc., will be required, mostly harmful to human health, to the environment or raise concerns about actual or perceived risks to human health?	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 <i>Will the Project produce solid wastes during construction, operation, or decommissioning?</i>	Yes – most waste generated by the Proposed Development will result from the Construction Phase.	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 <i>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?</i>	Yes – the construction phase would produce limited air pollutants, such as GHG emissions from construction machinery and dust.	No – given the scale and type of Proposed Development, air emissions from construction works and machinery will not be significant.
6 <i>Will the Project cause noise and vibration or the releasing of light, heat energy or electromagnetic radiation?</i>	Yes - there is potential for noise and vibration to occur during the construction phase. There are four existing lighting columns that will remain during the implementation of the Proposed Development.	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 sensitive receptors.
7 <i>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?</i>	Yes – during the construction phase.	The retention of the four existing light columns is also unlikely to result in significant effects.
8 <i>Will there be any risk of accidents during construction or operation of the Project that could affect human health or the environment?</i>	Yes – 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 <i>Will the Project result in environmentally related social changes, for example, in demography, traditional lifestyles, employment?</i>	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.

Questions to be Considered	Yes/No? - Briefly Describe	Is it Likely to Result in a Significant Effect?
		Yes/No? - Why
10 Are there any other factors that should be considered such as consequential impacts between the Proposed 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 cumulative Development and projects listed in Criteria (b) of Table 6-3 of this report, such as short-term impacts from noise, road traffic and dust.	No – cumulative impacts with these projects would 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?	Yes – the Proposed Development is not within a High Scenic Value Landscape or Scenic Route. In addition, the closest European site is Cork Harbour SPA located approximately 10.9km east of the site.	No - impacts associated with construction works will be short-term and reversible upon completion of the works. The risk of pollution events that could impact Cork Harbour will be managed through the implementation of the Contractor's CEMP.
		Changes introduced into the landscape by the Proposed Development are unlikely to result in significant impacts given the size and type of the proposed structures.
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?	Yes – refer to response to Question 11.	No – refer to response to Question 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?	Yes – refer to response to Question 11.	No - refer to response to Question 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 nearest coastal zone and marine environment (Cork Harbour) is approximately 10.9km east of site and is not hydrologically connected to the Proposed Development.	No - refer to response to Question 11.
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 response to Question 11.	No – refer to response to Question 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?	Yes – there is a footpath that runs parallel to the Old Fort Road in proximity to the site.	No – access to this route will not be impacted by the Proposed Development.
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?	No – based on currently available information, congestion is not known to occur at this location on the Old Fort Road. Nonetheless, a CTMP will be prepared for the Proposed Development to manage traffic along the Old Fort Road during the construction phase.	No - due to the nature and the short-term duration of the construction phase, and the implementation of the CTMP.
18 Is the Project in a location in which it is likely to be highly visible to many people?	Yes – the site is in close proximity to an entrance for the Castlewest Shopping centre and construction activities will be visible by users/ residents travelling to and from this area, as well as other receptors travelling along the Old Fort Road.	No – potential impacts on receptors travelling along the Old Fort Road will be transient and limited to the short-term construction phase.
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 multiple NIAH sites within 500m of the site (refer to Criteria (c)(viii) of Table 6-4 of this report), none of which are within view of the Proposed Development.	N/A

Questions to be Considered	Yes/No? - Briefly Describe	Is it Likely to Result in a Significant Effect?
Yes/No? - Why		
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 requires minor re-grading of road verge.	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?	Yes – refer to response to Question 18.	No – refer to response to Question 18.
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 – refer to response to Question 18.	No – refer to response to Question 18
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?	Yes – the closest of such sensitive land uses is Ballincollig Community Nursing Unit, approximately 200m northeast of the Proposed Development site.	No - due to the nature and the short-term duration of the construction phase, and the implementation of the CTMP and CEMP, there are unlikely to be any significant effects on sensitive land use.
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 Lee Valley Gravels ground waterbody, described as an area categorised as having 'Extreme' vulnerability to groundwater contamination. Cork Harbour SPA is approximately 10.9km east of the site.	No – no water abstraction or major excavations are required for the completion of the 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,
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 – the River Lee has a 'Good' Ecological Status and is 'not at Risk' of not meeting the WFD objectives.	No – refer to response to Question 25.
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?	No - the site is not within an area susceptible to major weather events or natural disasters. A review of the Office of Public Works (OPW) Flood Maps shows that the Proposed Development site is not located within a Catchment Flood Risk Assessment Management (CFRAM) river or coastal flood extent, nor within National Indicative Fluvial Mapping (NIFM) flood extents. No records of past flood events have been identified on the site.	No – taking into consideration the scale and type of Proposed Development, the short-term construction phase, and the implementation of mitigation measures to be detailed in the Contractor's CEMP, no significant effects associated with extreme weather events or natural disasters are likely to occur.
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)