

CORK COUNTY COUNCIL COMHAIRLE CONTAE CHORCAÍ

Cobh Municipal District



Kilcoolishal Cycleway Comound

Drainage Impact Assessment

The wider drainage regime for the location is described in the Flood Risk Assessment.

This report describes the local drainage in the immediate vicinity of the site.

A contour map and local drainage map is provided in Appendix A which describes the local drainage in the vicinity of the site.

The site is located on the downstream extent of a local catchment extending from Factory Hill. The majority of this drainage crosses the road at two locations, one approximately 500m to the east of the proposed entrance, and another approximately 250m to the west of the proposed entrance.

On the southern boundary of the site (on the northern side of the rail line) there is an open drain which conveys the drainage for the western portion of this catchment.

There are no existing drainage paths crossing the site. It is not proposed to raise any levels within the site. The drainage at the frontage of the site travels along the road kerbs which have a gentle grade to the west where it enters the road verge and open drain to the west of the site.

The site is generally quite flat with a gentle fall to the SW direction.

It is proposed rainwater landing on the site will be outlet into new soakpits which will be sized in accordance with BRE Digest 365 requirements.

In summary, due to its location on the downstream end of the catchment, the lack of existing drainage flowpaths through the site and the fact the site will not be built up, this proposed development has no / negligible impact on adjacent lands.