



## CLIENT

Fingal County Council

## PROJECT

Balrothery - New Junction Layout

## LOCATION

Junction of School Lane and Coach Road, Balrothery, Co Dublin

## SERVICES PROVIDED

- Project supervisor construction stage (PSCS)
- Traffic management
- Engagement with residents and businesses
- Supply and install of Strata Cell Urban Tree technology
- Supply of graded topsoils
- Planting of trees
- Removal of spoil to licensed waste facility

## BALROTHERY - NEW JUNCTION LAYOUT STRATA CELL URBAN TREE PLANTING TECHNOLOGY



### OVERVIEW

IUS were the first contractor to be appointed to undertake installation of this new tree technology on behalf of the Fingal County Council. IUS have supplied and installed 2 trees using the Strata Cell Urban Tree planting system, within the mini plaza buildout.



### DESCRIPTION

The project involved the excavation of a tree pit, 10m x 2m x 1.3m deep to accommodate the cells of both trees. This required the installation of two layers of 72 interlocking cells on a geomat membrane. A vented air duct was installed through these cells before being filled with graded topsoil. This allows the tree roots to grow deeper down in intended rooting zones and away from paved surfaces and utilities. It also encourages roots to a deeper moister soil profile to support drought tolerance.

