

Commercial

Avis Canopy

Our brief was to provide an exposed steel canopy to shelter Avis customers whilst waiting to be picked up by the courtesy bus. The structure was to enhance the frontage of the headquarters building and provide a focal point for users.

Due to the need to separate the two structures, the canopy is designed as a pure cantilever, gaining no support from the main building. Raking circular hollow section columns reflect the angle of the existing glazed facade and the main beams are curved to provide clear headroom for courtesy buses and allow drainage to a concealed gutter.

A primary design feature was the limitation of deflection and the damping of dynamic response under wind loading conditions. Feature joints on the raking columns were so positioned to allow maximum prefabrication of steel elements considering imposed transportation constraints.

