



Carlow House Camden, London

We were appointed by a developer client to produce a tender package of information developed from a design intent visualisation. Our scope was limited to the planted and planter element of this internal atrium space associated with a refurbished residential development.

Firstly, we were tasked with the technical design of a ground level planter located over a structural slab. Secondly, we were responsible for the technical design of cantilevered pots which were to be arranged outside of proposed balustrades to residential walkways.

The ground level planter needed to be an in situ self contained planter. The planter needed to accommodate drainage with outfalls to a silt trap, an automated irrigation system and decorative lighting. Careful coordination with the civil engineer and electrical engineer was required to ensure a this element of design was aesthetically pleasing whilst providing a growing environment in which the planting would continue to thrive.

The cantilevered pots, located on the outside of the balustrades, needed to be fixed to a structure which was tied back to an existing load bearing structure. Therefore, the overall weight of the proposed pot and its contents was critical in ensuring these elements did not fail. We worked closely with the structural engineer to ensure the structural integrity of the proposed pots' fixings were fit for purpose. In addition, the health and safety associated with the maintenance of these pots was carefully considered at an early stage of the design process. Each pot was designed with an integral irrigation reservoir to ensure the plant remained healthy whilst providing an easy method of maintenance.

Client
Galliard Homes

Architect
Buckley Gray Yeoman

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