AWP PROJECT DEANSGRANGE

The O'Reilly Group

TABLE OF CONTENT

TABLE OF CONTENT 1

PROJECT OVERVIEW 2

PRECAST COMPONENTS 3

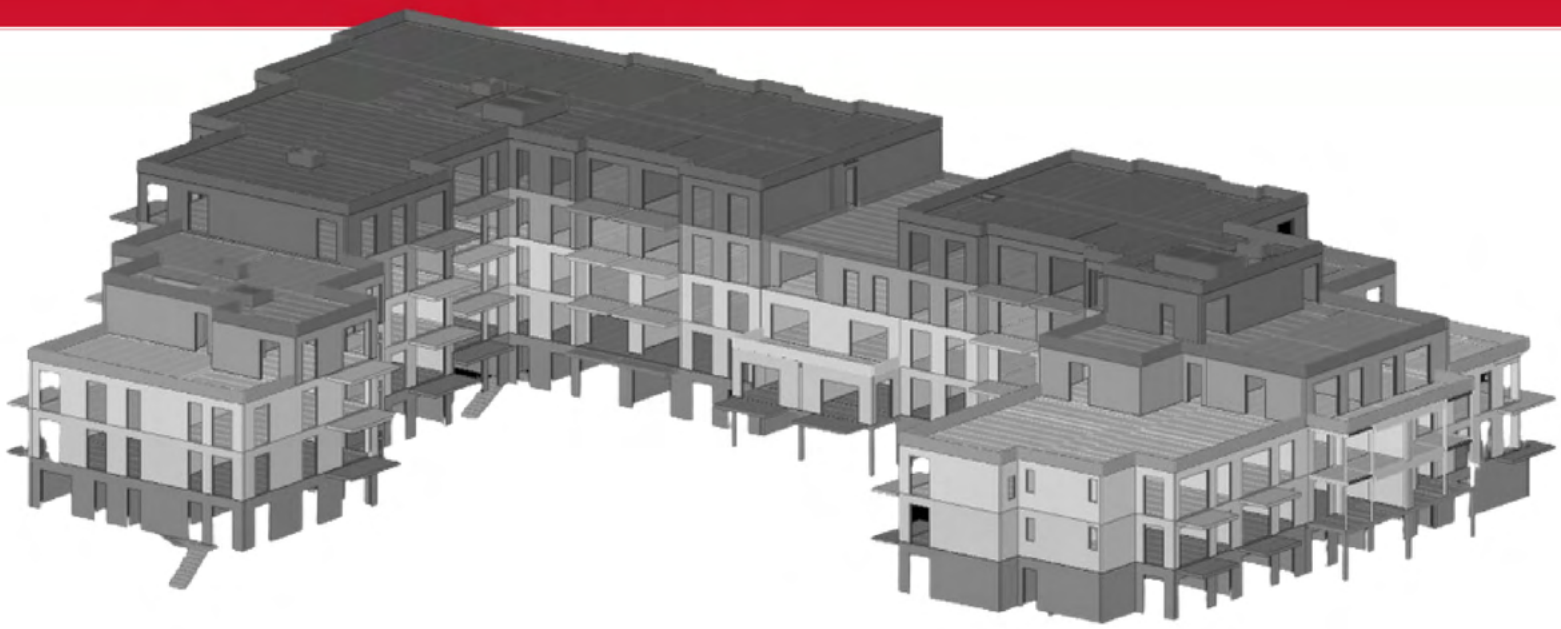
ARCHITECTURAL DETAIL 4

BENEFITS OF AWP 5

PROJECT IMPACT 6

PROJECT OVERVIEW:

O'Reilly Concrete, a prominent precast concrete supplier, collaborated with Homeland Group in a residential development project situated on Deansgrange Road in Blackrock, County Dublin. The project aimed to construct a contemporary mixed-use complex, comprising 120 apartments, five ground-floor commercial units, a crèche, and a basement car park on a sprawling 1.85-acre site. One of the distinguishing features of this development was the use of O'Reilly Concrete's Architectural Wall Panels (AWP) to enhance both aesthetics and efficiency in construction.



PRECAST COMPONENTS:

O'Reilly Concrete's involvement in the Deansgrange Road project encompassed a wide range of precast elements, which were instrumental in shaping the structural and architectural aspects of the development:

Floors:

- Hollowcore 200mm: 10,031 m²
- Hollowcore 250mm: 754 m²

Walls:

- Precast Walls: 7,924 m²
- Architectural Precast Walls: 5,720 m²

Stairs:

- Precast Stairs: 54 Steps (Ranging from 1.1m to 1.3m in width)

Beams:

- Precast Beams: 19 (18 of these are brick-finished)

Columns:

- Precast Columns: 15 (14 of these are brick-finished)

ARCHITECTURAL DETAIL:

A significant feature of the Deansgrange Road project was the utilisation of O'Reilly Concrete's Architectural Wall Panels (AWP). These panels, totaling 5,720 square meters, played a fundamental role in elevating the visual appeal of the development. The primary brick used in the construction was a bright sandstone color known as 'Buff,' which imparted a warm and welcoming ambiance to the building. Additionally, some sections of the structure incorporated darker bricks to introduce contrast and architectural interest.

BENEFITS OF O'REILLY CONCRETE'S AWP:

O'Reilly Concrete's Architectural Wall Panels (AWP) proved to be a strategic choice for this expansive residential development. The following benefits were observed:

1. Time-Saving: AWP streamlined the construction process, reducing the time required for wall assembly and finishing. This efficiency contributed to meeting project timelines and deadlines.

2. Cost-Effective: The cost-effectiveness of AWP made it an attractive choice for a large-scale project like Deansgrange Road. Reduced labour and material expenses translated into budget savings.

PROJECT IMPACT:

TThe Deansgrange Road residential development has become a noteworthy addition to the Blackrock, Co. Dublin landscape. Its 120 apartments, commercial units, crèche, and basement car park offer a modern and convenient living environment. The thoughtful use of O'Reilly Concrete's precast components, especially the Architectural Wall Panels, has not only enhanced the project's visual appeal but also contributed to its efficient and timely completion.

Furthermore, the project's location, providing easy access to Dublin city center via public transport, has made it an attractive choice for residents seeking both connectivity and a comfortable living experience.

O'Reilly Concrete's involvement in this project exemplifies their commitment to delivering innovative and cost-effective solutions in the construction industry, leaving a lasting impact on the communities they serve.