

BUILDING FOR THE FUTURE

## Project Fact Sheet

**Grace Park Educate Together National School,  
Drumcondra, Dublin 9.**

Department of Education





**PROJECT:** Lot 11.1 - Grace Park Educate Together National School, Dublin 9

**CLIENT:** Department of Education  
Awarded under the Design and Build Schools Programme 2018 - 2019

**VALUE:** €9 million  
**STAGE:** Completed September 2020

**DESCRIPTION:**

The project consisted of the design and build of 1 No. 16 classroom primary school building with general purpose hall, support teaching spaces and ancillary accommodation, with a total floor area of c. 3,760sqm, within the curtilage of DCU All Hallows Campus, a protected structure, accessed off Grace Park Road, Drumcondra, Dublin 9.

The school is three storeys with single storey elements. The works included a new pedestrian entrance, a new vehicular exit onto Grace Park Road, internal roads, 160 no. cycle & 50 no. scooter storage spaces, bin store, external store, ball courts, project gardens, play areas, landscaping, boundary treatments, car park drop-off / pick-up facilities and all other associated site development works.





## SCOPE OF WORKS:

ABM's role in the project was as Main Contractor and Project Supervisor for the Construction Stage (PSCS).

Precast concrete construction of 3 storey school on strip foundations. Structural screed on precast hollowcore slabs. Kingspan Kingzip roof installed on structural steel frame. The school elevations were clad in stone cladding, and had steep pitched roofs, so as to fit in with the existing adjacent buildings located within the grounds of the All Hallows Campus in DCU.

The building frame was constructed using precast concrete wall panels and hollowcore concrete floor slabs topped with concrete screed. Some structural steel was incorporated into the concrete frame design and installation to facilitate cantilevered slab areas, balconies and the roof terrace construction where it was necessary to achieve level thresholds at doors.

The benefits constructing the ETNS using concrete frame in this manner are speed of build, quality, enhanced building physics, design certainty and greater efficiencies in Health and Safety and the environment.

Risk to the programme is reduced through off-site manufacture. Increased on-site installation speed of the internal walls and floors in conjunction with one and other results in the Mechanical and Electrical services works commencing earlier than when using the steel frame construction. The extent of plastering required is reduced to small areas of studwork walls. Consequently, mist coat decorations can commence as soon as areas are weathered. Using a complete precast structure has now become a popular choice for many construction projects throughout Ireland. Precast concrete combines the benefits of rapid construction and high quality materials with the advantages of factory controlled production lines and quality assurance.

Temporary accommodation was established initially adjacent to new school site. Appropriate segregation of site and school was necessary to operate within this live environment. It was also necessary to relocate some existing temporary accommodation on site as this encroached on the footprint of the new ETNS.

GRACE PARK ETNS, DRUMCONDRA, DUBLIN 9



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