



Lockhart Campus, Red Rose and Roslin

Design for an engaging learning environment

North Ayrshire Council in Scotland had a vision to offer an innovative educational facility to support students with Additional Support Needs / Special Educational Needs. The design objective was to replace four existing school buildings with a single modern Campus that would deliver inclusive education opportunities for students from the ages of 2-18 with a range of different educational, ability and mobility needs in an environment that connects the school to the wider community, breaking down barriers to learning and creating successful, confident learners. As an integrated part of the vision, respite and residential buildings were designed to keep families connected within the region.

NORR was engaged to design the new Lockhart Campus. The inspiration for the design was to reflect the austere quality of North Ayrshire's vernacular architecture, for the formal Administration block at the front of the building, and to create a more organic response for the teaching blocks which follow the tree line contour of the forest area to the rear of the site, which was the historic coastline. The respite and residential buildings take inspiration from the scale of Ayrshire villages and their key design driver was to feel like a residential hamlet, not an institution. The form of the buildings provides a picturesque and visually interesting collection, creating an attractive new presence in the existing townscape.

In approaching the design, a series of visits were undertaken with both educational and health and social care staff to understand their key design drivers for each of the buildings. Planning was critical in managing all logistics of the project from an archeological study of the undeveloped land to car-parking, shared energy/plant areas and operational constraints.

The project was successfully delivered with a truly collaborative client, contractor and design team who had the students' best interests at heart. The single-story school maximizes the connection between inside and outside and is conducive to the optimum manipulation of scale, particularly with such a range of age and abilities.

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CLIENT	Lockhart Campus, Red Rose and Roslin
PORTFOLIO	Education
CATEGORY	K - 12
SIZE	Lockhart Campus: 6,383 SM (68,706 SF) Red Rose House: 919.9 SM (9,901 SF) Roslin House: 916.9 SM (9,869 SF)
LOCATION	Stevenson, North Ayrshire, Scotland, UK
DATE	June 2021
SERVICES	Architecture Interior Design

Education

It's an exciting time in education. Changing pedagogies, advancing technologies and evolving student expectations are influencing educational facility design. The places in which students interact, engage and learn must be hands-on, flexible and technologically advanced. From primary schools to higher education institutions, we carefully craft connections between students, faculty and staff to positively influence learning outcomes.

Good Design Enhances Learning

From early instruction to higher education, we consider the progression of the student experience; we know that good design enhances learning outcomes. Creating a stimulating environment can directly influence the development and pace of learning for students of any age. Students learn in many different ways, and we understand the importance of crafting a facility that is inclusive – a place where all students, faculty and staff can feel warm, welcome and equal.

Navigating Complexity

NORR recognizes that the spaces we create and the environments we shape have a profound impact on the people who use them. Our mission is to deliver distinctive, high-functioning, sustainable and cost effective design solutions that are unique to each client. We fulfill these goals and aspirations by engaging our

clients in a dynamic, inclusive and creative partnership with the design team throughout the planning and design process. Our design teams work collaboratively with all stakeholders to implement solutions that are effective, economical and environmentally responsible.

We implement systems and strategies guided by sustainability, durability, budget and common sense. We select building materials and systems that will perform over a significant life span while maintaining their intended appearance and efficiency. Our goal is to create an environment that meets and exceeds the client's functional, visual and fiscal requirements, while conveying the essence of the school's identity, values and culture.

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