

Creating a Fully Accessible Environment at Baytree SEN School

CASE STUDY





Client: Baytree SEN School
Location: Weston-super-Mare
Main contractor: Willmott Dixon
Sector: Specialist Education

Aspiration: an inclusive environment supporting movement, therapy and learning

Baytree SEN School required a comprehensive accessibility solution that would support pupils with a range of complex physical needs.

A new hydrotherapy pool formed a central part of the project, providing a dedicated environment for physical therapy, relaxation and sensory engagement. However, the school also needed to consider how pupils would move safely and comfortably between classrooms, hygiene facilities, therapy areas and recreational spaces.

The aspiration was therefore not simply to install individual pieces of specialist equipment, but to create a coordinated environment in which accessibility was embedded throughout the school.

Simplified by Innova

Innova developed an integrated package that brought together the hydrotherapy pool, ceiling-track hoisting systems and associated accessibility infrastructure. By consolidating multiple specialist requirements into one coordinated solution, Innova helped simplify design decisions, technical interfaces and installation across the project.

The approach included:

- A purpose-designed hydrotherapy pool supporting therapeutic and sensory activities.
- Full-room X-Y ceiling-track systems within key areas.
- AirRise200 hoist units providing reliable and flexible pupil transfers.
- Connections between the pool, changing rooms and supporting spaces.
- Additional infrastructure incorporated into selected rooms to accommodate future requirements.

This coordinated approach helped ensure that each system worked as part of the wider school environment rather than being treated as a standalone installation



Future-proofed by design

The needs of an SEN school can evolve as pupil requirements, teaching practices and therapy provision change.

To provide greater long-term adaptability, additional hoist infrastructure was incorporated into sensory rooms, therapy spaces and life-skills areas. This allows the school to expand or adapt its accessibility provision without requiring significant future structural alterations.

Planning this infrastructure at an early stage helped reduce future disruption and gave the school greater flexibility to respond to the needs of both current and future pupils.

Specification Highlights

- Bespoke hydrotherapy pool designed for specialist education use.
- Full-room X-Y ceiling-track hoisting within pool and changing areas.
- AirRise200 ceiling-hoist units.
- Integrated hoisting across classrooms and hygiene rooms.
- Dedicated systems within medical and physiotherapy spaces.
- Hoisting provision for rebound therapy.
- Future-ready infrastructure installed within additional teaching and therapy rooms.
- Coordinated design, supply and installation through one specialist partner.

Challenges, Outcome & Value Delivered

Baytree SEN School required a coordinated solution that would support safe, dignified movement across hydrotherapy, learning, care and therapy spaces. Innova brought the school's hydrotherapy pool and ceiling-track hoisting requirements together into one integrated package, helping reduce design and installation complexity.

The completed solution provides pupils with improved access to therapy, learning and recreational activities, while supporting safer transfers and reducing manual handling demands on staff. Future-ready infrastructure also gives the school flexibility to adapt its accessibility provision as pupil needs evolve.



Sensory room with X-Y track hoisting



Rebound room with X-Y track hoisting



Hygiene room with changing bench and X-Y track hoisting



4m x 6m Hydrotherapy Pool with X-Y track hoisting



POOL DEPTH
1.2m



*Once upon a time at
Baytree School...*

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Listen

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t | 0345 034 1450
e | enquiries@innova.uk.com
w | innovacareconcepts.com

Innova Care Concepts

Rofta House, Rudgate, Thorp Arch,
Wetherby, West Yorkshire, LS23 7AU

