

EDUCATION BROCHURE



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CLIENT	ShIPLEY College
ARCHITECT	Rance Booth Smith
PROGRAMME	38 weeks
VALUE	£2.3m
PROJECT DETAILS	HNVC Building

This project was carried out in the village of Saltaire, Shipley, which is a UNESCO World Heritage Site. The buildings which are occupied by Shipley College consist of the Grade II* Listed Victoria Hall, Grade II Listed Mill Building and the Grade II* Listed Salt Building and the Grade II Listed Exhibition Hall.

Initial works consisted of the demolition of existing greenhouse and garden areas. The project was for the construction of a new build 2 storey, High Needs Vocational Centre for the college and included construction of a large new greenhouse for the students. The greenhouse has 2 large growing spaces, propagation room & teaching/planting room. The HNVC building, which was installed with a lift, consisted of:

- Multi-purpose room
- Classrooms
- Production & training kitchen
- Break out area
- Showers, changing room & W/C's
- Associated offices
- W/C Facilities
- Store & plant rooms

This was a difficult site and we used a mixture of Stepoc walling, pre-cast concrete units and steelwork. SIPS roofing panels were installed with zinc roof and cladding, along with stone rain screen cladding. Installing sedum roofs helped soften the new build to blend in with the conservation status of the area. Extensive hard and soft landscaping were also undertaken to finish the project.

Triton Construction Limited was awarded the **LABC West Yorkshire Building Excellence Award 2016** for this project.





CLIENT	Barnsley Metropolitan Borough Council
ARCHITECT	NPS
PROGRAMME	35 weeks
VALUE	£2.3m
PROJECT DETAILS	Worsborough Primary School

The project consisted of construction of a 2 storey extension to the existing single class entry primary school of 210 pupils, to provide additional classrooms, and a multipurpose hall to upgrade to a 2 class entry for 420 pupils. The internal works comprised of a new platform lift and internal alterations to various classrooms. The new building is of steel framed construction with concrete retaining walls clad in rainscreen and render cladding.

Extensive reduced level excavations were required to the site, prior to building works commencing. During this procedure the site staff encountered previously unreported rock strata, this meant additional excavations works were required to fully prepare the site.

Due to the sloping nature of the site, extensive retaining walls were constructed, new access roads and new car parking formed. Extensive landscaping was also carried out.





CLIENT	Craven College
ARCHITECT	Watson Batty
PROGRAMME	30 weeks
VALUE	£2.5m
PROJECT DETAILS	Aireville Campus

Construction commenced in December 2010 for the new Pen-y-ghent building to offer students extra facilities on the Aireville Campus site. The new 3 storey accommodation comprises: large multipurpose hall, 20 teaching spaces, state of the art science suite, business practice suite, 'Change Places' facility, Life Skills teaching areas, Early Years, Travel and Tourism and a Retail Shop/Coffee Shop.

This scheme achieved a BREEAM Excellent rating.





CLIENT	Bradford Grammar School
ARCHITECT	Halliday Clark
PROGRAMME	52 weeks
VALUE	£3.5m
PROJECT DETAILS	Science Block & State of the Art Learning Link

This scheme was for the New Build Science Block & State of the Art Learning Link Building which connected into the existing building which was constructed in 1865. The scheme comprised of:

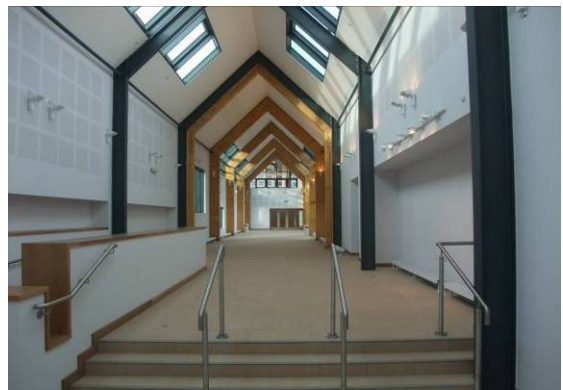
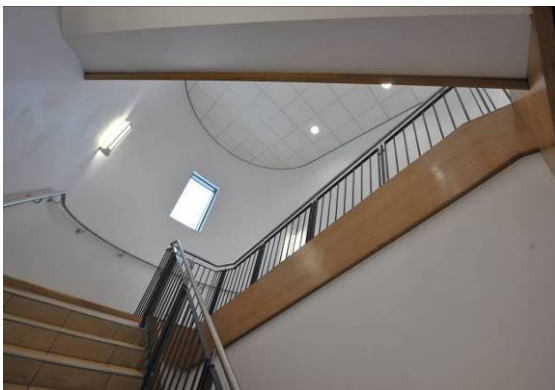
- New Build 3 storey teaching block
- New Build Learning Link including joining to new Science Block, Main Teaching Block, Kenneth Robinson Building & Clarkson Building
- Refurbishment of Kenneth Robinson Building which accommodates the Science labs & teaching facilities

The project required very high performing Thermal & Acoustic specifications and an extensive glazing system, incorporating natural ventilation through thermostatic responsive attenuators, providing natural ventilation & cooling was installed.

The works were carried out in the centre of a live school environment, requiring extensive pre-planning and Health & Safety co-ordination.

On the original plans for this project, access to the construction site for contractors was set to be through the main entrance of the school, which meant cordoning off large areas for the Health & Safety of the pupils and staff at the school. Triton conducted some site investigations and put a proposal forward to the school to create a temporary road to the site at the rear of the school grounds. This has resulted in the construction site being totally secluded from the school and its pupils, ensuring a safe environment for all concerned. On completion of construction works, the temporary road was removed and all surroundings reinstated to their original natural state.





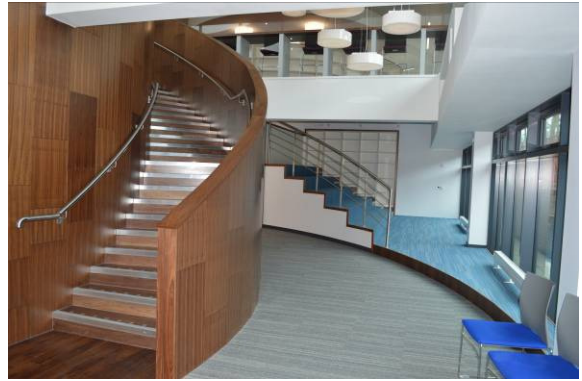
CLIENT	Bradford Grammar School
ARCHITECT	Halliday Clark
PROGRAMME	31 weeks
VALUE	£1.5m
PROJECT DETAILS	Clarkson Library

The project comprised of the internal and external refurbishment and remodelling of the Clarkson Building Library, including over roofing, external cladding and glazing, breaking out of part of the first floor slab, removal of existing stairs, stores and toilets and all associated building services affected by the works.

A high spec fit-out was then undertaken, including a curved feature walnut staircase, which was installed in the middle of the library, giving access to the 2nd floor which featured a circular roof lantern.

The completed scheme provides the school with a reception area, 6th Form Study area, Junior Library, Archive Room, staff office, server room and w/c facilities.

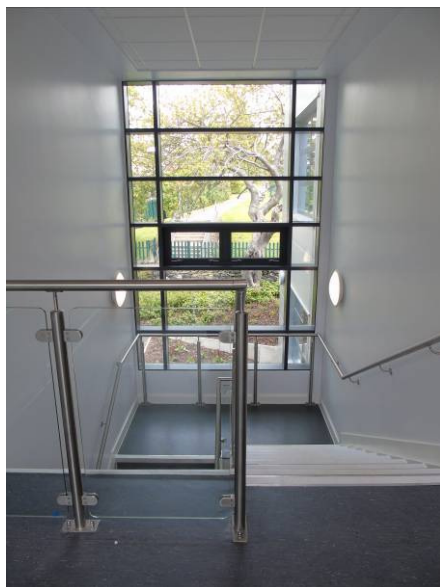




CLIENT	Heckmondwike Grammar School
ARCHITECT	Langtry Langton
PROGRAMME	29 weeks
VALUE	£1.36m
PROJECT DETAILS	2 storey teaching block

The project comprised of the construction of a 2 storey steel framed & steel clad teaching block. The new building is connected to the existing school via a new link corridor. The new building provides the school with 6 new classrooms, an office, careers room, new w/c's and plant room. 2 new staircases have been formed at either end of the new building. In addition to the above, remodelling and refurbishment works were also carried out within the main entrance and social / dining areas of the existing school.





CLIENT	Sheffield City Council
ARCHITECT	Michael Hyde Associates
PROGRAMME	51 weeks
VALUE	£4.07m
PROJECT DETAILS	Norfolk Park Special School Relocation

Works commenced on site in July 2014 to extend, refurbish and remodel the existing Standhouse Centre building which had been derelict for 4 years. The completed scheme enables Sheffield Council to relocate the school from their current location in the Norfolk Park area. The extensive works provide the school with:

- 10 new classrooms all with hoisting facilities and shared hygiene facilities
- New Build extension to form ancillary rooms, ie offices and admin areas
- Separate healthcare rooms for Dental; Physiotherapy & Nursing
- New Hydrotherapy Pool with hoist and changing facilities
- Sensory room & rebound room with a trampoline which is set in the floor for safety & ease of use for wheelchair users
- Hall, dining room and kitchen with full facilities to provide meals for the children
- Industrial laundry facility
- 2 no. Inner courtyard areas were refurbished and a soft play area installed
- Large soft play area in the main playground with specialist equipment, including a wheelchair swing

These extensive works enable the school to be largely self sufficient. To the rear of the school and new large car park was formed. These works involved extensive leveling to be carried out as the site is on a slope.

The school will need a considerable amount of equipment once the project is completed, so our Site Manager on the project, Andy Attree, decided to start a fundraising campaign to assist the school in obtaining the equipment they need.

Andy commenced the campaign with a personal donation of £50 and involved all Triton staff, the architects, sub-contractors and the entire supply chain. The final total of donations comes to just below £2,700 and Triton will be making another donation to round it up to £3,000.

BEFORE:





CLIENT	Huddersfield New College
ARCHITECT	Aedas
PROGRAMME	11 weeks
VALUE	£645k
PROJECT DETAILS	New Build Sports Barn

The project consists of the site preparation and reduce level dig for the erection of an 1100m² multi use sports barn.

A reinforced concrete ring beam was constructed and the site levelled and prepared. The single span lattice steel trusses and framework were then installed. A high tension-membrane was then installed over the framework. This gave a fully covered area of 1100m² and a covered volume of 110000m³.

The internal area was split into 2 distinct areas. Area 1 is a 2 lane Cricket pitch complete with cricket nets and 2 different bounce surfaces. Area 2 is a fully tarmaced area marked out for basketball, netball, tennis, and badminton.

The building and areas all comply to Sport England's current regulations.





CLIENT	Initial Facilities Management Limited
ARCHITECT	Reid Design
PROGRAMME	22 weeks
VALUE	£440k
PROJECT DETAILS	Ryburn Valley High School

This project was for the construction of a 3 storey extension to the existing school to provide 5 additional classrooms, including Science Laboratories for the school.





CLIENT	Rotherham College of Arts & Technology
ARCHITECT	Cordonier Architects
PROGRAMME	26 weeks
VALUE	£1.51m
PROJECT DETAILS	Clifton Building Engineering & Wharnccliffe Restaurant

Two separate projects were undertaken under this contract. A new extension was constructed and extensive internal refurbishment & fit-out undertaken to provide new dedicated teaching/training facilities for food technology at the Wharnccliffe Restaurant. This new facility comprises of a commercial kitchen, Coffee Bar, Licensed Bar and 70 seat restaurant which is open to the general public to provide the students with comprehensive training in a live restaurant environment.

The Clifton Building Engineering Department scheme involved the conversion of an existing workshop & mezzanine floor into dedicated Engineering teaching facilities. Works included the removal of a mezzanine and concrete structures, upgrading of external facades and installation of new M&E services. New classroom facilities and dedicated PLC room were also created.





CLIENT	Beech Hill Primary School
ARCHITECT	HTC Architects
PROGRAMME	26 weeks
VALUE	£635k
PROJECT DETAILS	NB Classroom Block

The works comprised of the clearance of a grassed playing area in the grounds of the existing school to allow the construction works to commence. During this part of the project underground rock fissures were discovered, which resulted in extra works excavation and rock breaking works being undertaken to facilitate the build.

The new 3 storey building comprises 5 classrooms with a part basement to accommodate the lower groundfloor classrooms, together with associated toilets. The building was of steel framed construction with precast concrete flooring and stairs. The exterior facade of the building is in timber & profile cladding, and uPVC windows. All steelwork was protected with intumescent paint.

Full M&E services were installed, suspended ceilings fitted throughout and full decoration works undertaken.

External works included formation of a new playground with extensive hard and soft landscaping.





CLIENT	Kindercare Limited
ARCHITECT	Rance Booth Smith
PROGRAMME	44 weeks
VALUE	£1.34m
PROJECT DETAILS	New Day Care Nursery

The works comprised of the part demolition of the existing former Public House, conversion of the remaining building and construction of a new extension to form a children's nursery together with associated external works.





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