

Multi-Generation - 4 Central Place, Hunslet, Leeds LS10 1FB



Site Key:

- ▒ Road
 - ▒ Pavement
 - ▒ Existing Buildings
 - ▒ Soft Landscaping
 - ▒ Site Boundary
 - ▒ Pedestrian Access
 - ▒ Cycle Access
 - ▒ Vehicle Access only for Blue Badge Drop off, Deliveries, Refuse and Care Home
 - ▒ Emergency Vehicle
 - ▒ Secondary Entrances
1. Shared car parking for Discovery Center and New CITU site
 2. Care home Bin Store
 3. Care Facility/ Parking (10 spaces)
 4. 4 short stay cycle spaces
 5. Secure Boundary
 6. School Bin Store
 7. Residential/Cafe Bin Store
 8. Deliveries coach, refuse parking

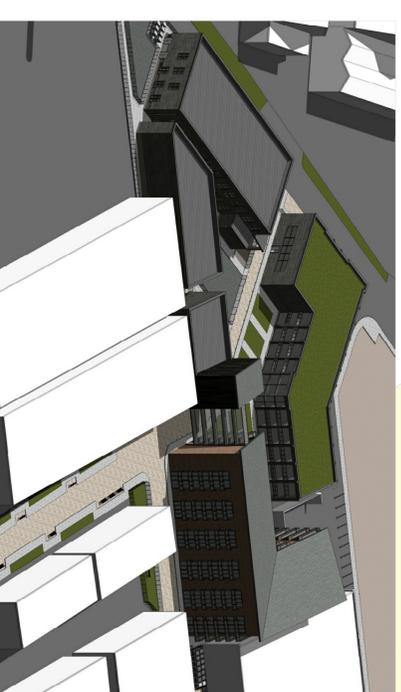
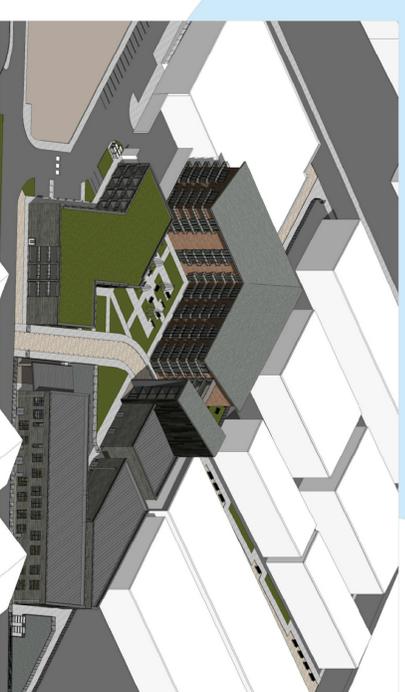
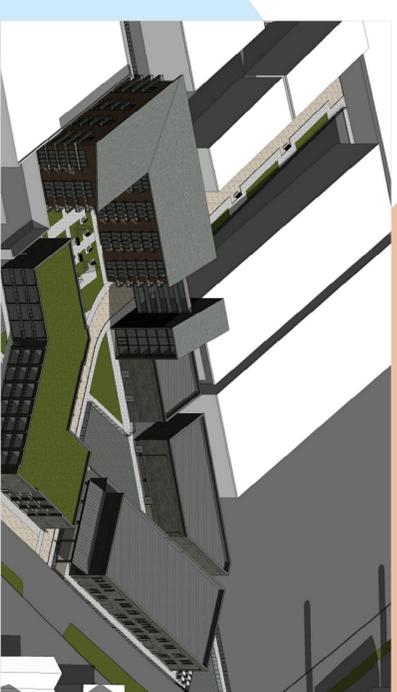
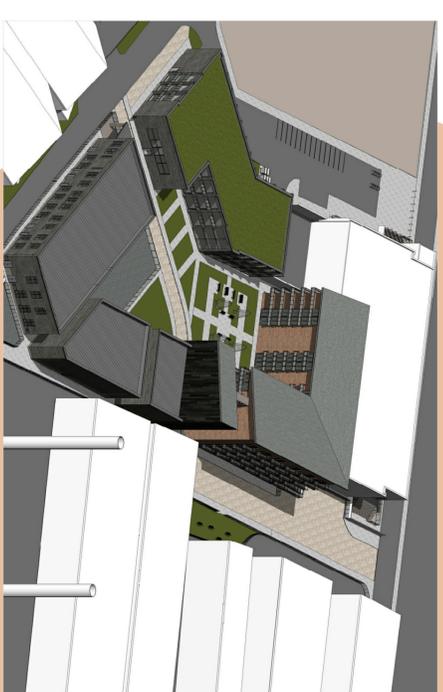
Brief:

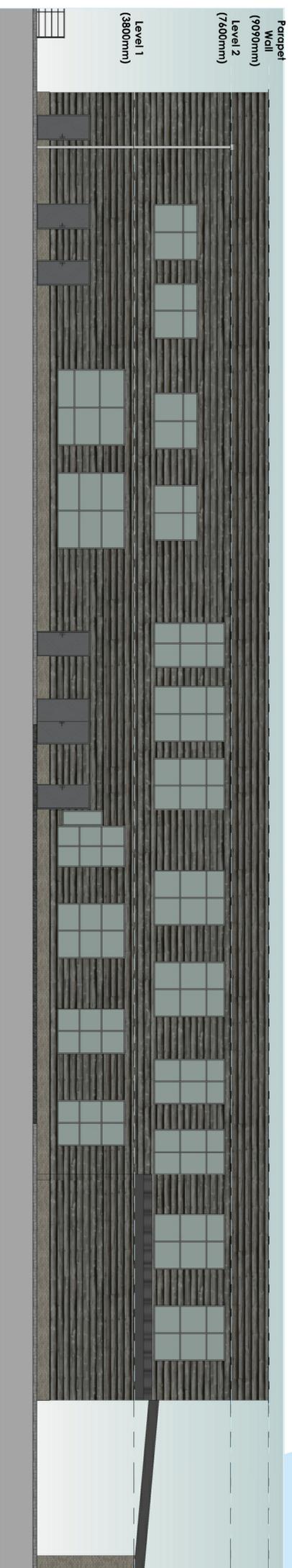
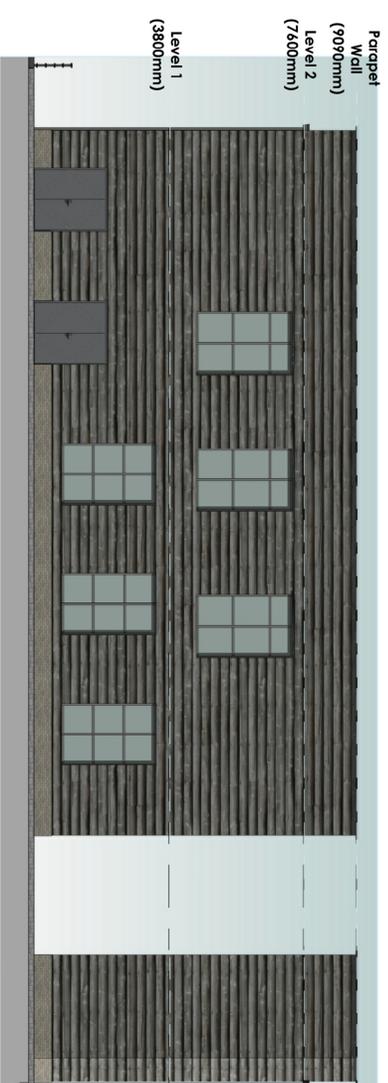
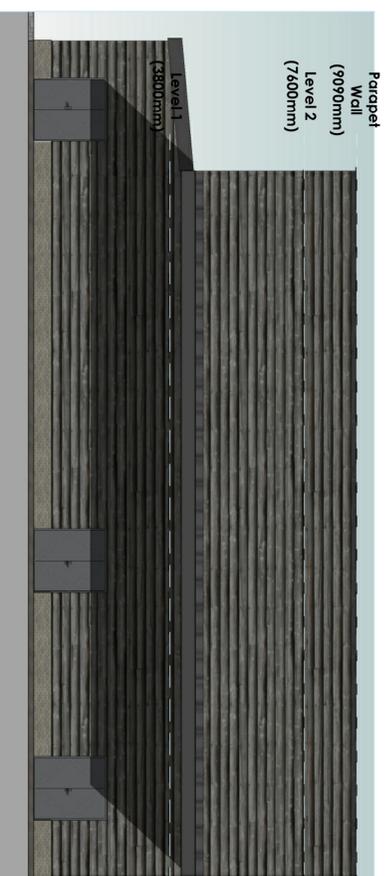
The brief was to design a hub for multigenerational and low-carbon living with embodies Citu's non-negotiable principles around tackling climate change and increasing human well being. The site had to have the following buildings: The courtyard is to be used by pupils & residents as well as community facilities for CID.

- School for 420 pupils (8700 sq.m)
 - Nursery/Childcare Facility (600sq.m) Care Home 70 beds (13,000 sq.m)
 - Cate (400 sq.m)
 - Rest 1 Beds 49 units
 - Rest 2 Bed 23 units
- Total Residential Area (23,000 sq.m)
Total 45,700 sq.m

I have achieved the brief as I have connected and designed the public outside space to feel collaborative. I have connected The Boulevard, Clarence Square and The Courtyard by creating a continuous flow the site.

The School has been allocated a flexible use of space which can be used privately throughout the day as well as being used by the public in holiday terms. The school has been designed separate to the main teaching classrooms so it can be used in the holidays as a hub area for activities such as summer camps. I have designed this by allowing a continuity in landscaping and building form allowing everyone to use the area. I have also created a Main outside area for people to socialise and relax throughout the day. There are allocated parking spaces for the care home for staff as well as shared car parking with the discovery center for other visitors visiting the residential area or schools. There has been a designated delivery drop off areas and bin location for each building.



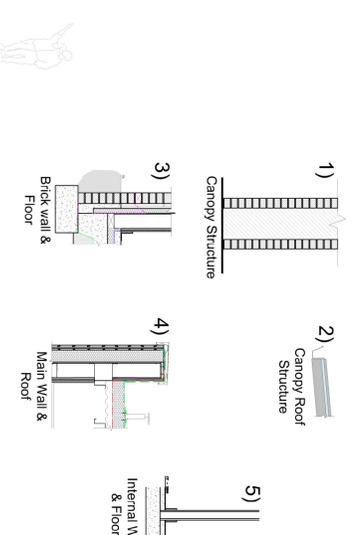
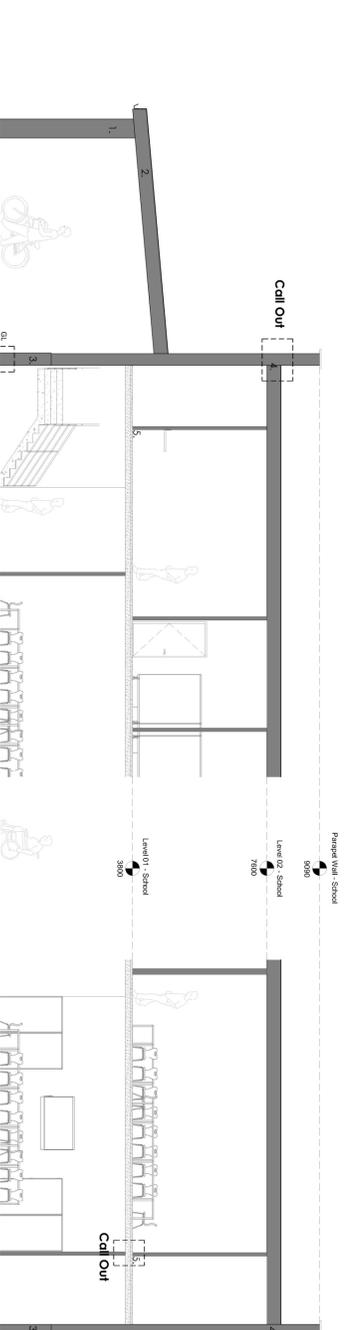


Proposed Elevation 1

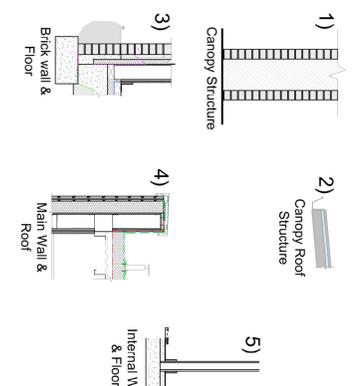
Proposed Elevation 2

Proposed Elevation 3

Proposed Elevation 4



Mini Call Outs



External Timber Cladding - Eco Choice is a company with a wide range of product such as timber cladding and decking. The materials they use are Organwood, Thermotimber, Timber, Glulam and Greenheart timber as well as products made from recycled plastic and WPC (Wood and plastic composites).

External Glazing - VELFAC windows use low-e glazed units with argon filled cavities and low-e coatings as standard, and U-values as low as 0.80 W/m²K are achievable.

Hopper Head/Rain Water Pipe - Alumasec Aluminium Hopper Outlet / Horner Aluminium Roof Detail Rainwater Outlets are designed for use with flat roof structures, using either metal or concrete. Timber or lightweight metal deck construction. Horner Roof Outlets are ideal for use with concrete, masonry or lightweight aggregate pvc membranes, mosaic asphalt. High performance built-up felt and liquid applied systems.

External Canopy - Clovis Canopies have established a reputation as one of the leading suppliers of canopies for schools in the UK. From our elegant metal canopies in Uxbridge and Oxford entrance canopy designs to our stylish Ascot and Keston covered walkways, our enormous range of high-quality canopies, shelters and walkway covers are suitable for just about any school application and can be designed to suit even the most exacting requirements.

Entrance Doors - The VELFAC Aluminium door is an aluminium entrance door for commercial construction. VELFAC Aluminium doors are designed for installation where reliability, stability and strength of the door are vital. Typical situations include the main entrance, side entrance or restricted entrance to commercial, residential or public buildings.

Solar Panels - Greenfield Solar Panel Perlight Solar - 400W, PERC technology to allow additional sunlight to be captured. Industry leading Lifetime Warranty. Easy to upgrade to smart solar controllers. Latest call technology with maximum efficiency. Performs even in low light conditions.

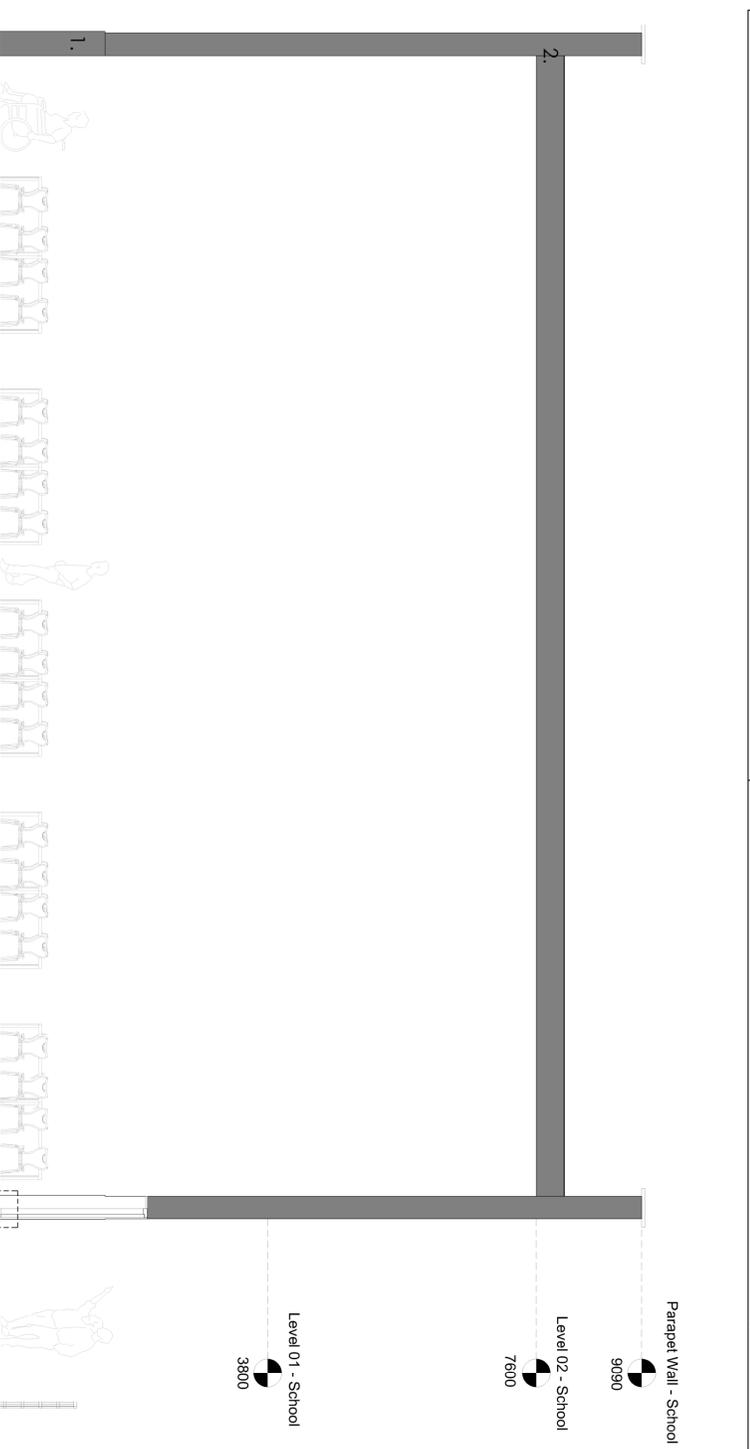
Roof Finish - Cladco Roofing - Benefits of 32/1,000 Box Profile Roofing Sheets. These sheets are a highly economical and robust profile. They come in a range of different colours to suit every aesthetic and can be manufactured to your specific length requirements. Lightweight and easy to fit, your installation process will be short and simple, and you can rest assured that they have been independently tested in line with current CE EN 14782.

Playground Flooring - Play quest adventure play - Wetpour rubber safer surfacing is a synthetic rubber surface that is designed to minimise the risk of injuries to users of play areas. It is a long lasting and maintenance free solution that is suitable for most types of play areas.

External Fire Exit Door - Travis Perkins - Security steel personnel door, for residential & commercial purposes. Re-tuning in frame with all locks installed.

External Secure Fencing - Jackson's Fencing - Vertical Bar Security Gates are a perfect match to vertical bar security fencing and share all the principal design features of our welded semi pole-through-call styles, such as our Barlicorn® and Senny ranges.

<ol style="list-style-type: none"> Mastic seal between threshold and masonry Precast concrete threshold 2mm 5402 Ivory Dust vinyl flooring 70mm screed Separation layer 70mm Kingspan Kooltherm K108 Cavity Board 150mm concrete slab to S.E design Visqueen high performance DPM Hardcore Foundation to S.E design Visqueen Zedex CPT DPC 	<ol style="list-style-type: none"> Stainless steel brick ties channels ties 102.5mm brickwork Backing rod and Sealant EDPM sealed to structure (CP Board) Comprband 8-15 insulation to provide continuous line of insulation Proprietary insulated cavity closer, Timloc Thermo-loc 30min rated or similar Column - Size to S.E design 15mm Gyproc Duraline plasterboard 150mm metal studwork to S.E design Gyframe extra deep flange floor & ceiling channel fixed to timber head plate Single Gyframe 70 studwork @ 600mm centres 2no. x 12.5mm skim coated plasterboard on dabs 2no. x 18mm Plywood 50mm kingspan kooltherm K108 Cavity Board - 0.25 U-Value & 50mm clear residual cavity 	<ol style="list-style-type: none"> Column - Size to S.E design New timber to box out new steel column 2no. x 12.5mm skim coated plasterboard on dabs 150mm metal studwork to S.E design 12mm external sheathing board 130mm insulation Horizontal rail system Vertical rail system 20mm Eco choice Charred Siberian Larch Timber Cladding



Mini Call Outs

