

4.4 Scale

The concept of all-under-one-roof addresses the context of Hurst Road and the College’s desire to make a mark in Horsham.

The new Technology Centre is a simple three storey volume. Early studies into solar shading led to the introduction of an overhanging roof, which also gave the building a distinct charater as a place of importance and learning. The roof overhang is designed to bring all STEM subjects literally under one roof.

The siting of the Phase 1 building is adjacent to the existing library, which is of a similar scale. The lower volume of Phase 2 is next to the car park and the lower scale of the residences on Hurst Avenue.

At pre-application engagement meetings with HDC, iterative designs of the roof were discussed to make the roof lighter and more permeable. The roof design was modified in relation to both the landscaping and the form of the building.

Phase 1

The entrances are recessed in human-scaled, sheltered alcoves. The rhythm of the building’s external columns creates a sense of enclosure and guides movement, helping to shape an inviting and legible place of arrival. The entrances provide level access for all.

The design of the landscaping defines the Arrival Plaza with a clear edge of trees and planting on the car park side, bringing the feeling of the surrounding green fields into the development and up to Hurst Road.

The interim landscaping on the footprint of the future Phase 2 building include areas of rich meadow and low planting, incorporating a mix of perennials and shrubs to provide seasonal interest, biodiversity, and a softer landscape character. The informal congregation and rest area features seating walls and moveable benches for flexible, temporary use.

Given the current lack of outdoor seating and amenity space for students, this area will provide a valuable resource. The proposed furniture will be fully relocatable and can be repositioned elsewhere on the campus in Phase 2.



Phase 1: The Arrival Plaza of the Technology Centre.

Phase 2

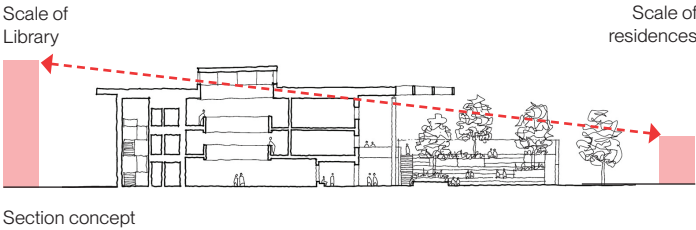
Taking its cue from the sports fields and its surrounding trees, Phase 2 is conceived as a part of the landscape. Bringing the STEM subjects together, the new building is nestled under the cantilevered overhang of the Phase 1 building. Landscaped steps rise up to make a unified whole.

Phase 2 has three components:

- Stepped landscape feature with link to Phase 1 building
- Workshop
- IT Classrooms

Landscaped Steps

The southwestern facade of the Phase 2 building features a stepped planted terrace rising up to, and connecting with the first floor of the Phase 1 building via a new bridge link to a new entrance. This structure includes steps, seating, planting and handrails.

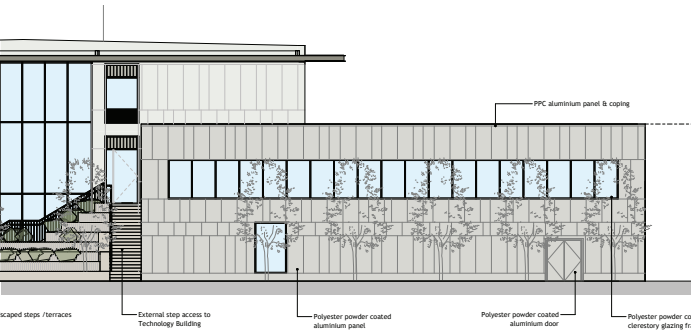


Phase 2 landscape vision showing the Arrival Plaza, the Technology Building and the Workshop.

Phase 2 facade facing the neighbours

The Phase 2 building comprises a double height volume to allow for machinery and visibility for teaching. Daylight is provided via upper level windows above head height to prevent overlooking, prevent glare and leave the wall space for equipment.

The Phase 2 building will be screened from the neighbours by two rows of trees. The facade is described in Section 4.7..



Phase 2 facade facing the car park.

IT Classrooms

The IT classrooms are located on the side of the Phase 2 building facing the Phase 1 building. They will mirror the size (7.5 m x 7.5 m) and height (2.955 m) of the classrooms in the phase 1 building. With similar fenestration on the ground level, the two buildings will form a human-scaled amenity space (Hurst Quad as labelled on the above plans).



Landscape view of Hurst Quad.



The scale of the new buildings is in keeping with the existing buildings on Hurst Road.

4.5 Appearance

The College of Richard Collyer currently has very little street presence when approached along Hurst Road from the train station.

Most pedestrians going to the College arrive from the south. They are greeted by the car park and a metal fence - the 2003 red brick Library is the first introduction to the school, followed by the non-descript Buckle Building and then the historic Grade II Listed building in the distance. The College would like the new Technology Centre to have an appropriate presence on Hurst Road and an appearance that is distinctively ‘Collyers’.



Winter 2025: Hurst Road view facing north.



Phase 1: Hurst Road view facing north.

Phase 2

While the landscaped steps and the new building will have impact for visitors to the College arriving at the entrance gates - and beyond in the Arrival Plaza - the proposed Phase 2 works will not have a significant impact on the Hurst Road streetscape.



Winter sketch view shown at Pre-App 1, January 2026.



Phase 2: Hurst Road view facing north.

The activation of the northwest corner of the new Technology Centre, as seen from Hurst Road, was discussed with stakeholders at the pre-application meetings.

The following aspects will ensure the activation of the Phase 1 facade:

- The ground floor plant room will be screened by the landscaping.
- The air source heat pumps have a screen with perimeter planting.
- There will be views into and out from the stair and the classrooms.
- The facade provides an opportunity for artwork or graphics to animate the facade.



Winter 2025: view facing south on Hurst Road.



Hurst Road proposed view facing south.

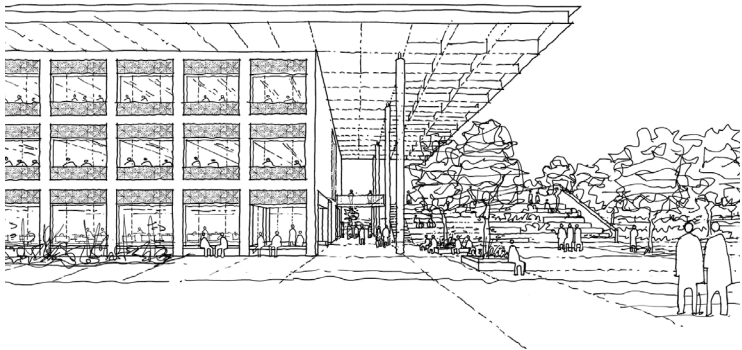
4.6 Façade & Roof

The Hurst Road frontage of college buildings, from the Grade II Listed grammar school building to the most recent library building, exhibit a historic progression of diverse architectural languages. The new Technology Centre will complete the road frontage by introducing a contemporary design that complements the historic buildings on the campus.

The proposed architectural envelope responds to environmental factors while providing a clear identity to the building. Extended roof canopies and solar shading are treated as features that anchor the building on the College campus and in the wider Horsham context.



Hurst Road frontage of college buildings & facade articulation of Grammar School Building.



Sketch View - Technology Centre - approach + main entrance overhang.



Precedent: NAIC Building (Cullinan Studio) - Main entrance roof overhang feature.