

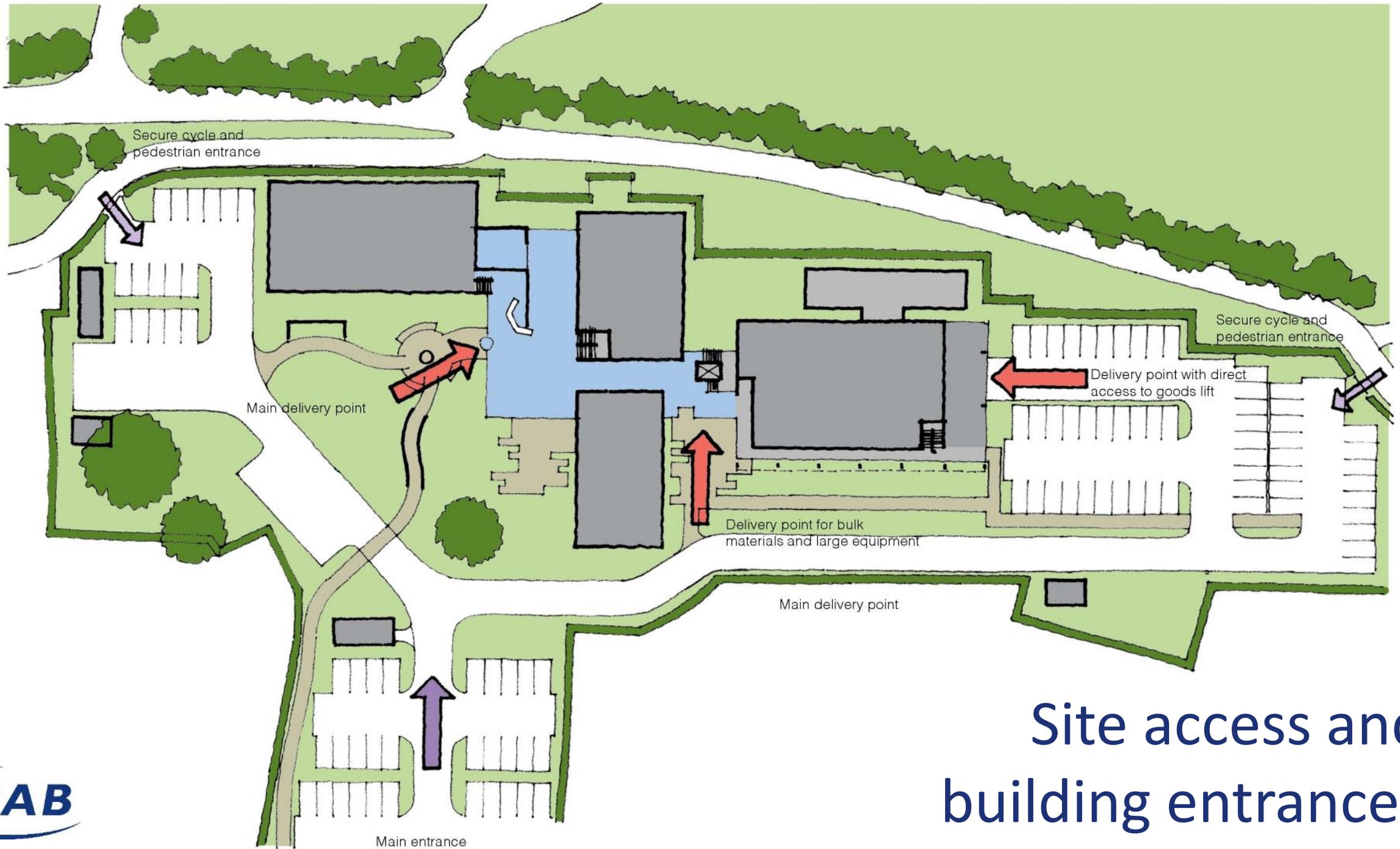


Redevelopment plans  
Lawrence Weaver Road site  
Cambridge  
2018-2020



- Refurbishment of Bingham Building and the former Defra Building
- Erection of a new three storey laboratory building – Crop Science Building
- Demolition of some of the existing buildings, e.g. Seed Handling Unit
- Construction of a new orbital cycleway link
- New vehicle access, car park and site landscaping
- Improved site drainage

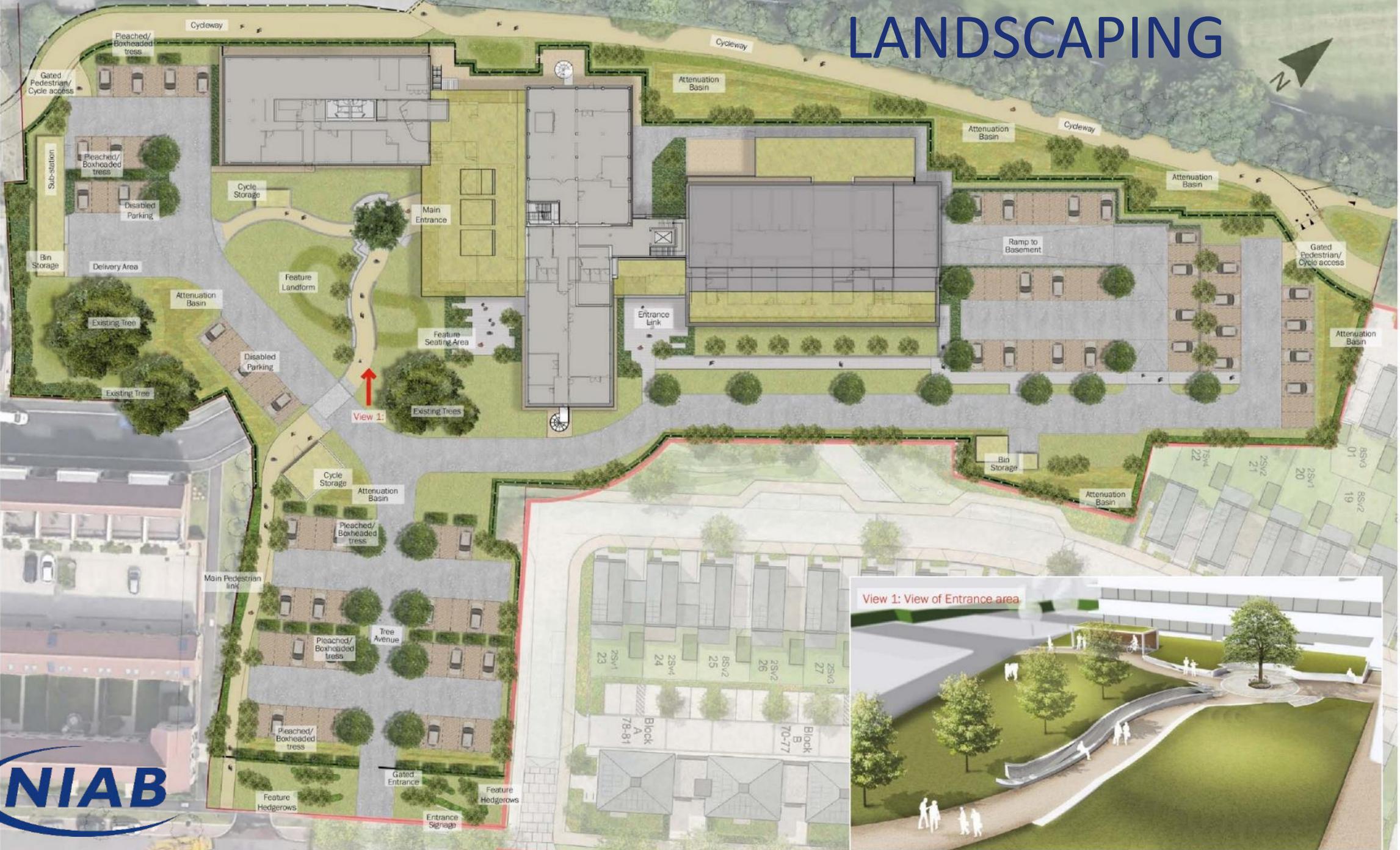


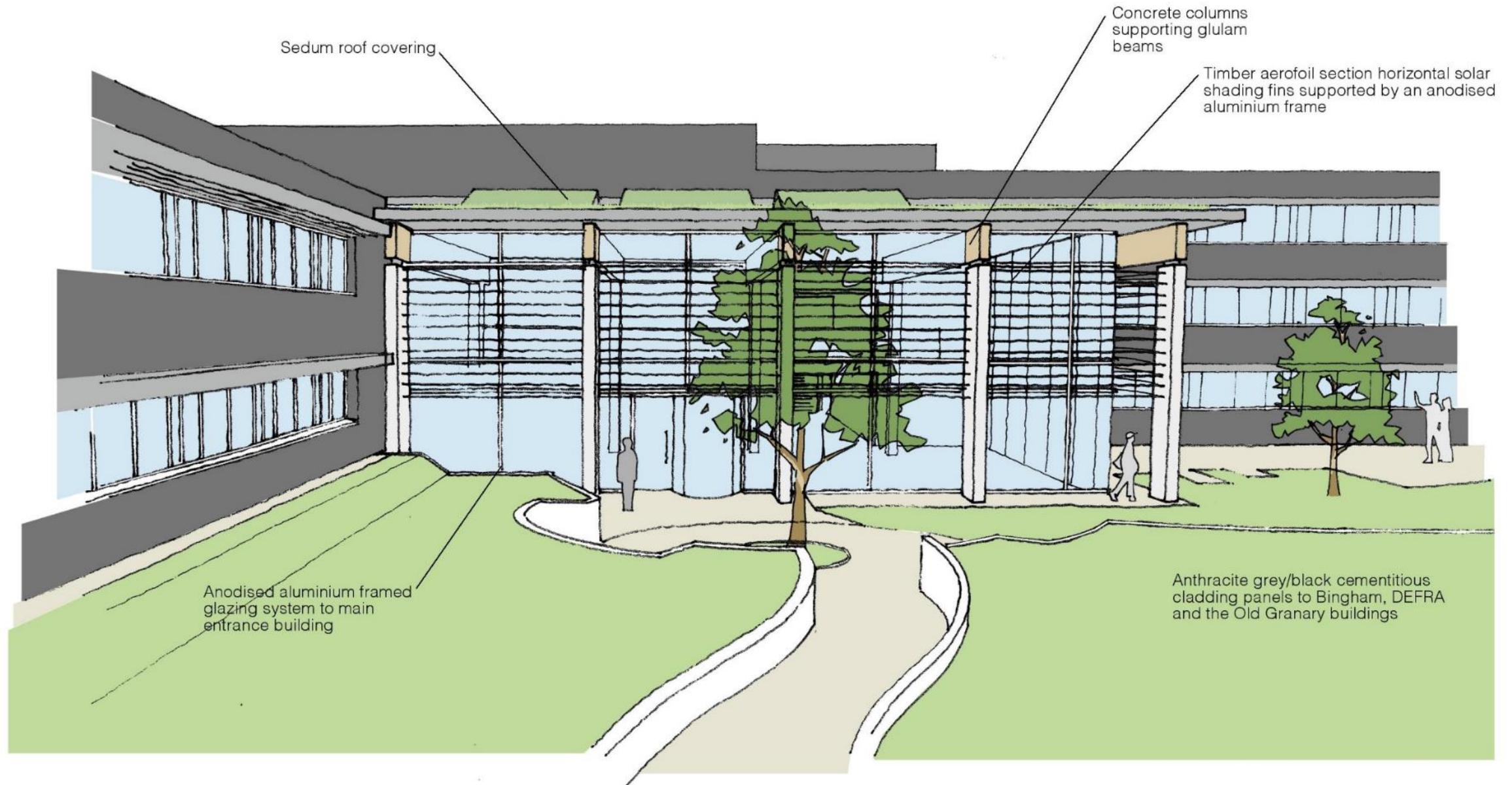


# Site access and building entrances



# LANDSCAPING





# Materials for the entrance building



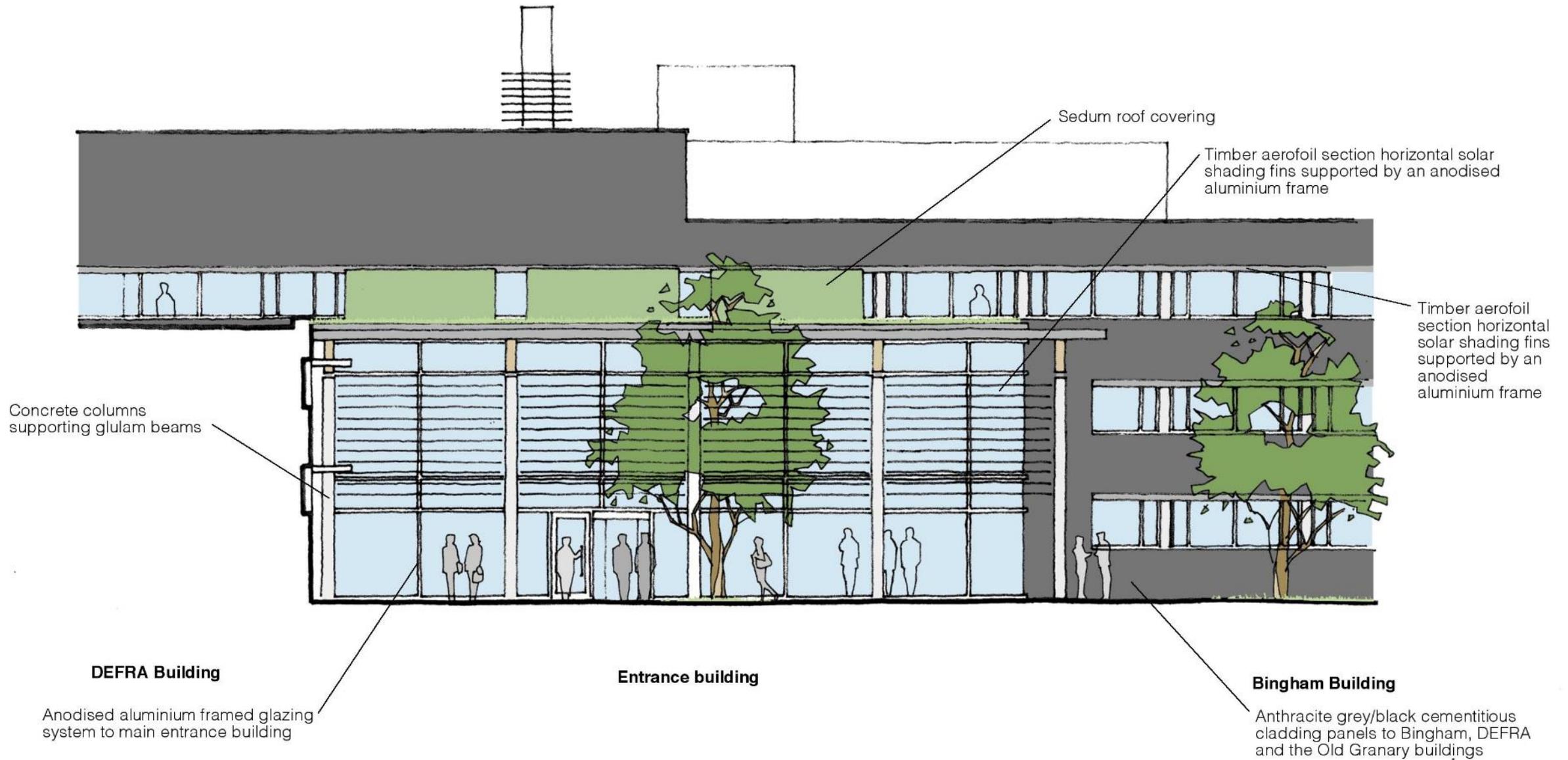
Solar shading to the entrance building will be a vertical array of horizontal timber aerofoil section fins



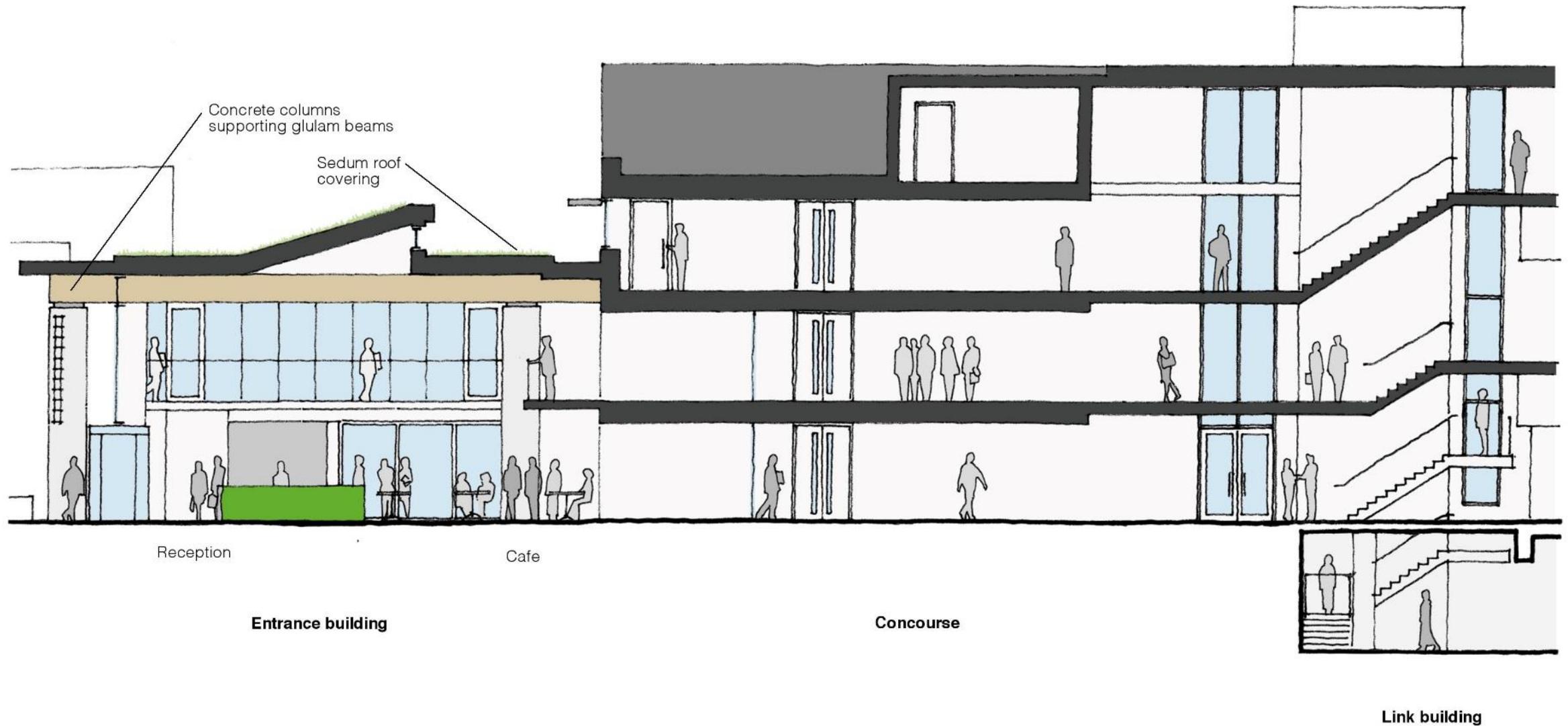
Large double-height internal space with full-height glazing



The interior of the entrance building will use timber extensively on walls to form acoustic panels and bring warmth to the space. The extensive glazing to the external walls will mean that this will be clearly visible as you approach the building



# South-western elevation of entrance building

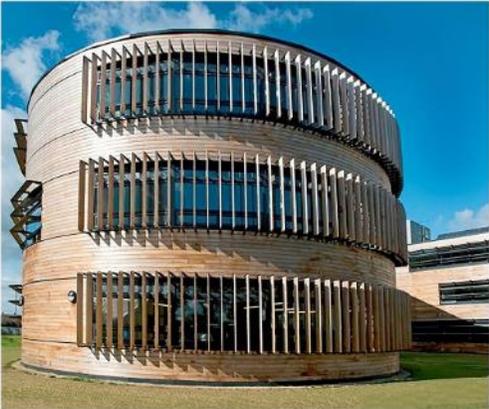


# Materials for the existing retained buildings

Horizontal timber fins supported by anodised aluminium frames will provide solar shading to deal with the high angle sun



Vertical timber fins supported by anodised aluminium frames will provide solar shading to deal with the low angle sun



The existing retained buildings will be insulated and wrapped with a anthracite grey/black cementitious cladding panels that contrasts with the proposed new buildings



# Internal spaces

The ground floor corridor to the CSB will be fully glazed providing a strong visual connection with the external spaces

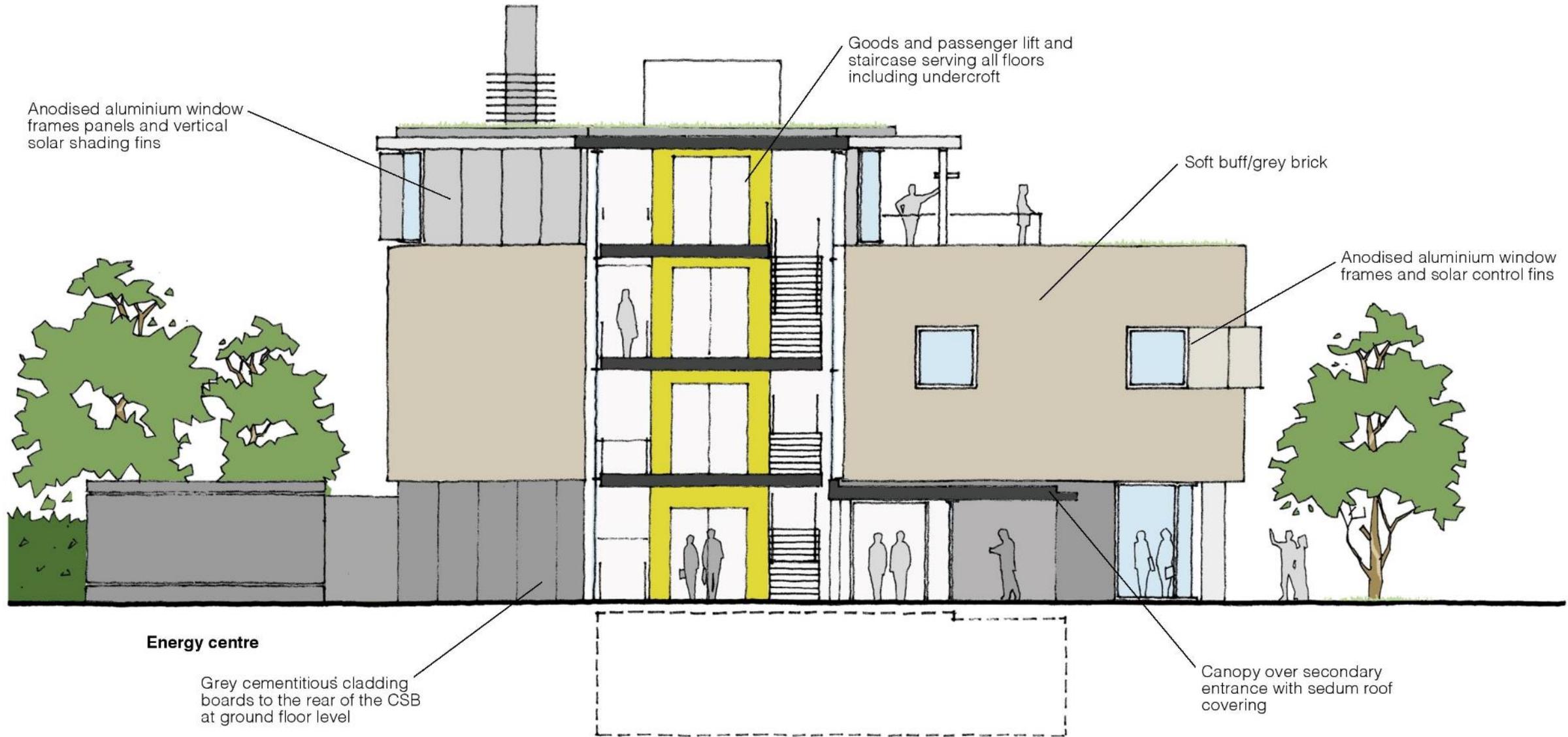


Timber will be a dominant material internally. The image above might represent the office space beneath the shallow pitched roof at the northern end of the CSB

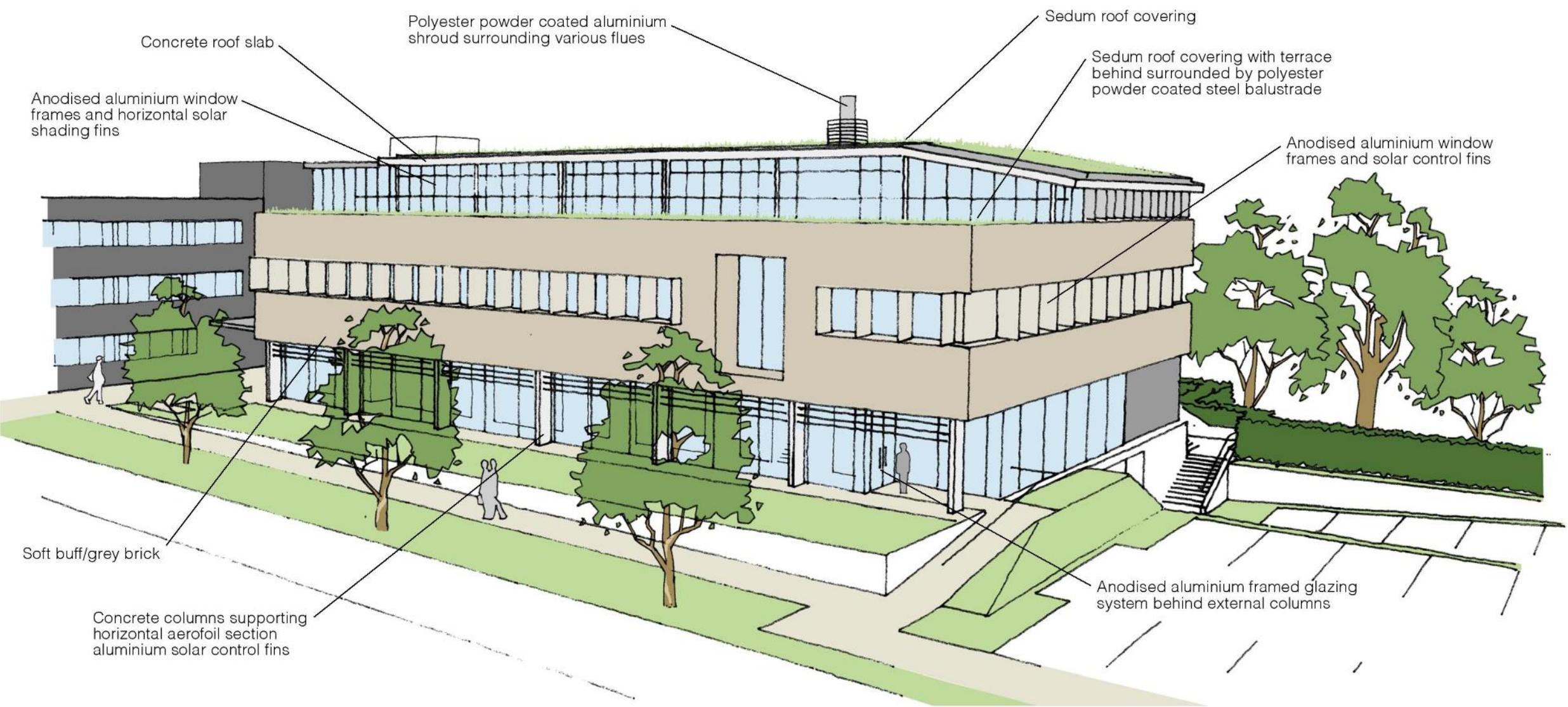


Whilst natural, neutral coloured materials are proposed externally, bright colours will be used on key walls internally which will be visible behind the glazed elevations

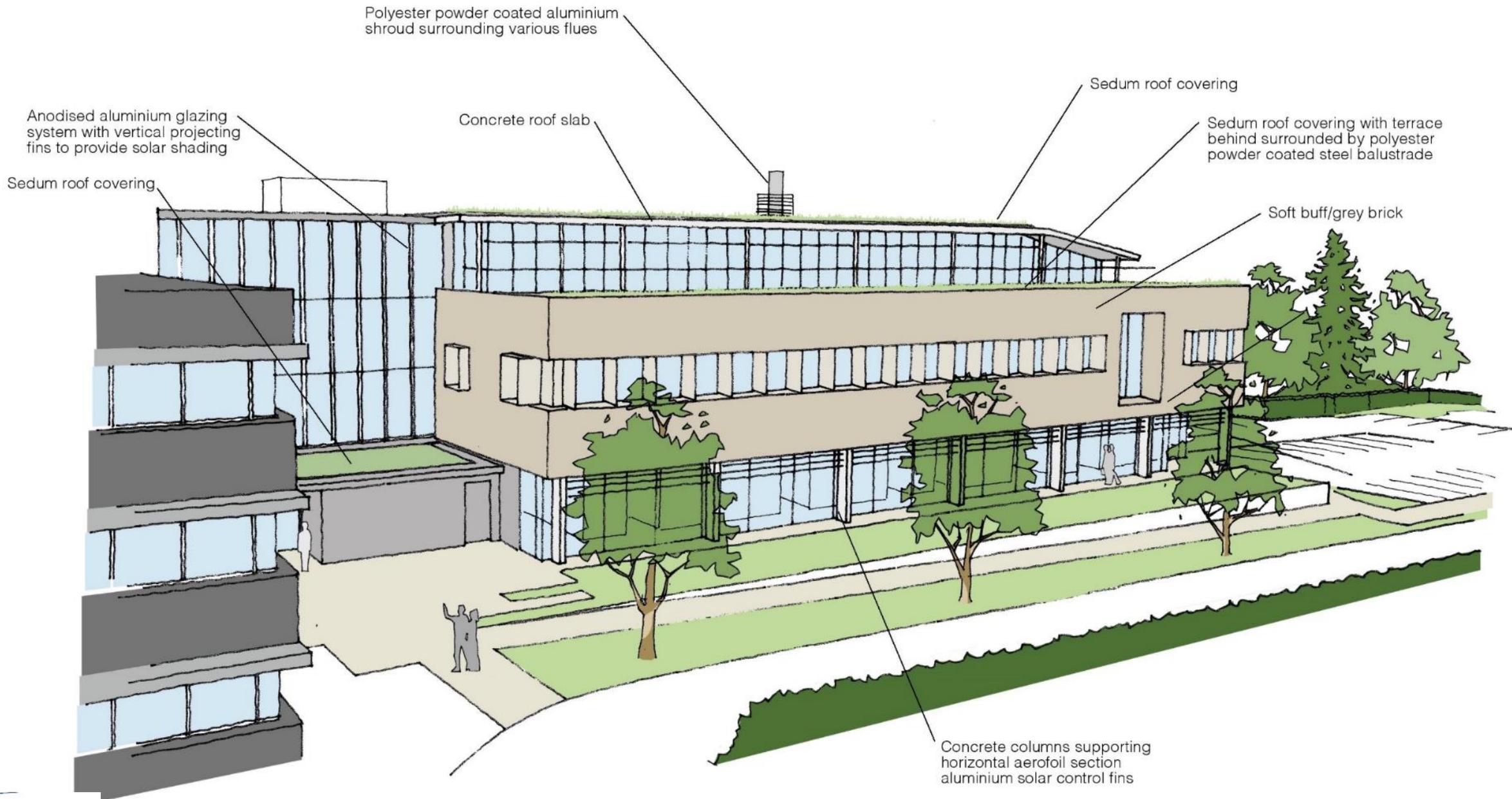




# Cross section through new link



# Crop Science Building



# Crop Science Building

# Materials for the new Crop Science Building



In contrast to the brick below, second floor of the CSB will be visually lighter with extensive glazing, translucent and opaque panels



Sedum covering to roof



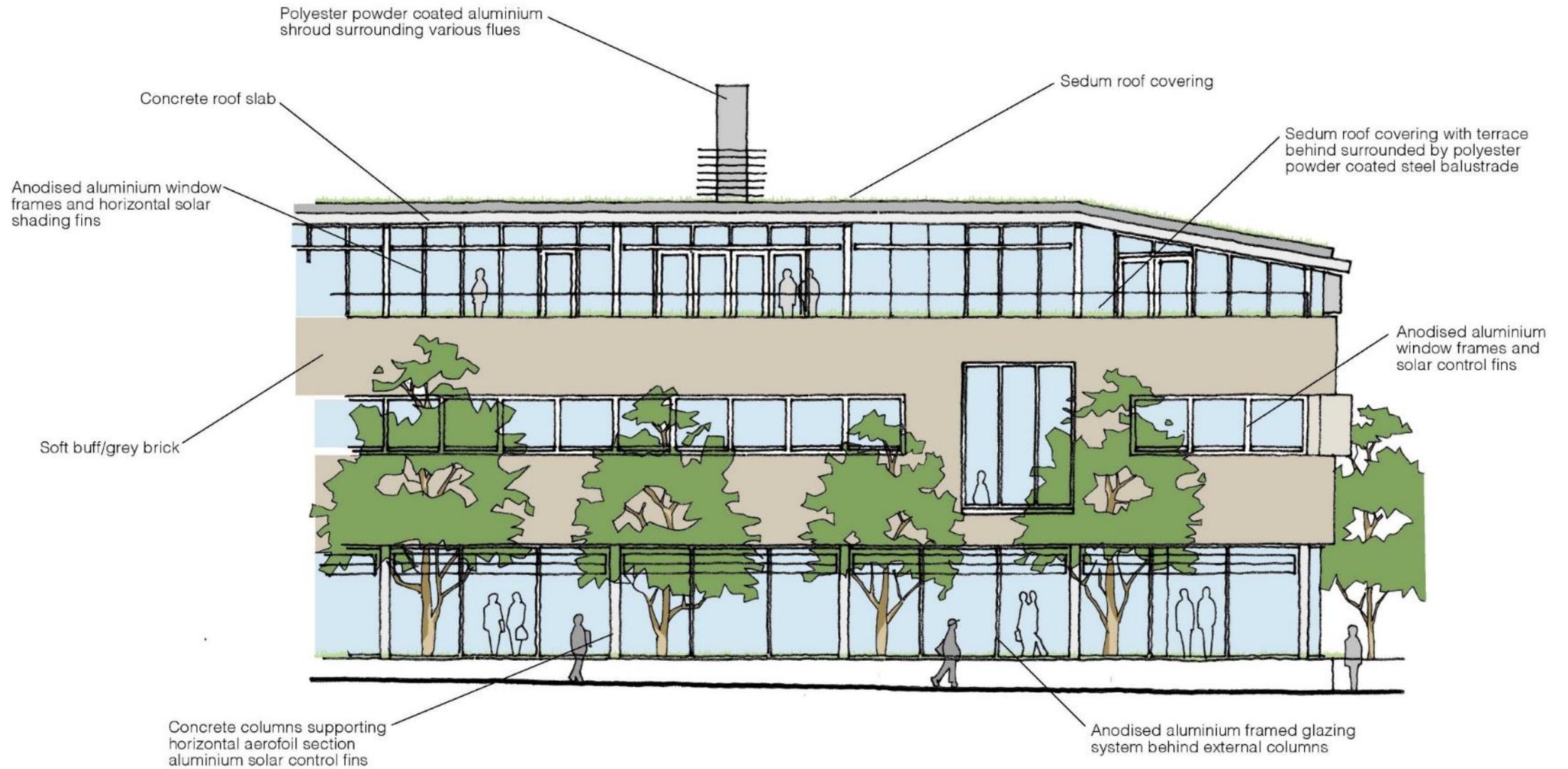
A brick box houses the laboratory spaces, which will be the predominant material to the CSB elevations. Brick will sit comfortably in its context and age gracefully

Anodised aluminium fins will provide vertical solar shading to deal with the low angle sun

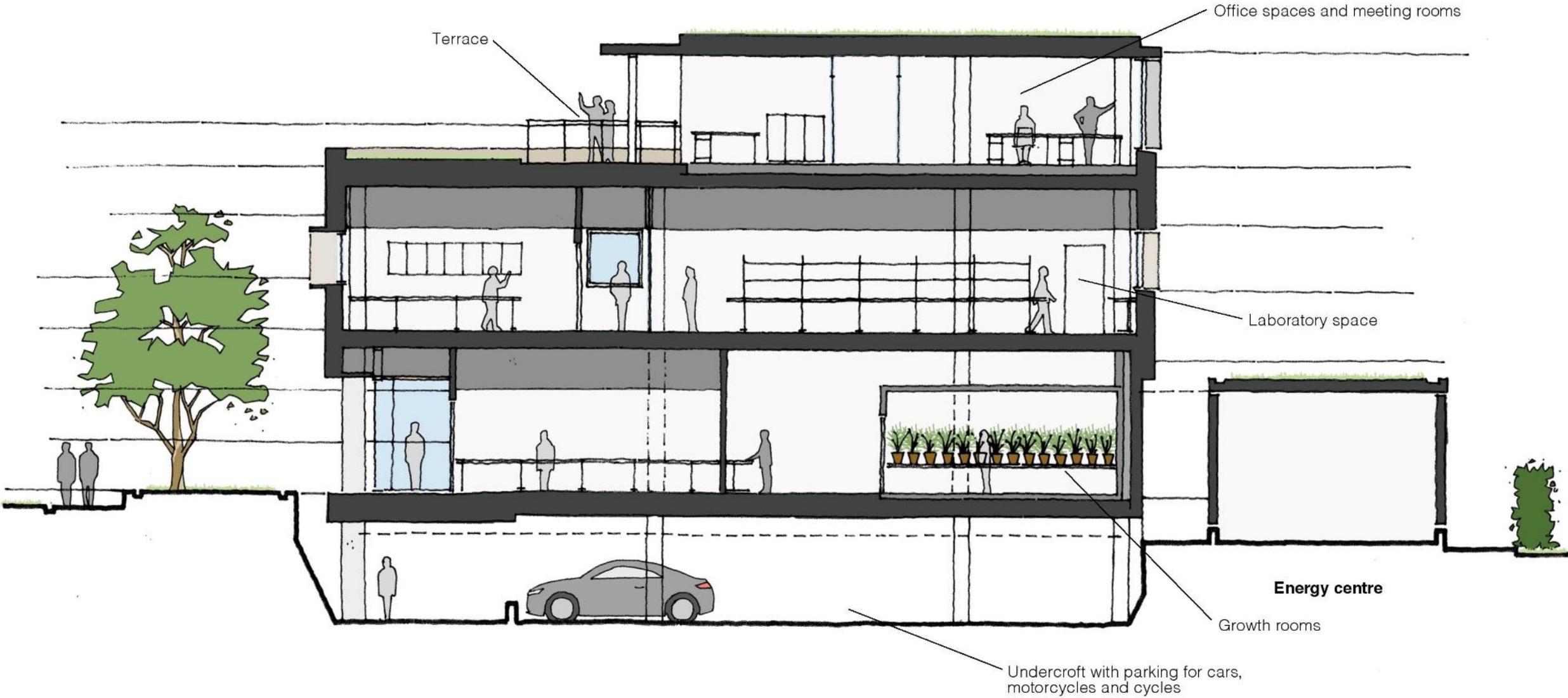


Deeply recessed windows with projecting linings to CSB first floor laboratories



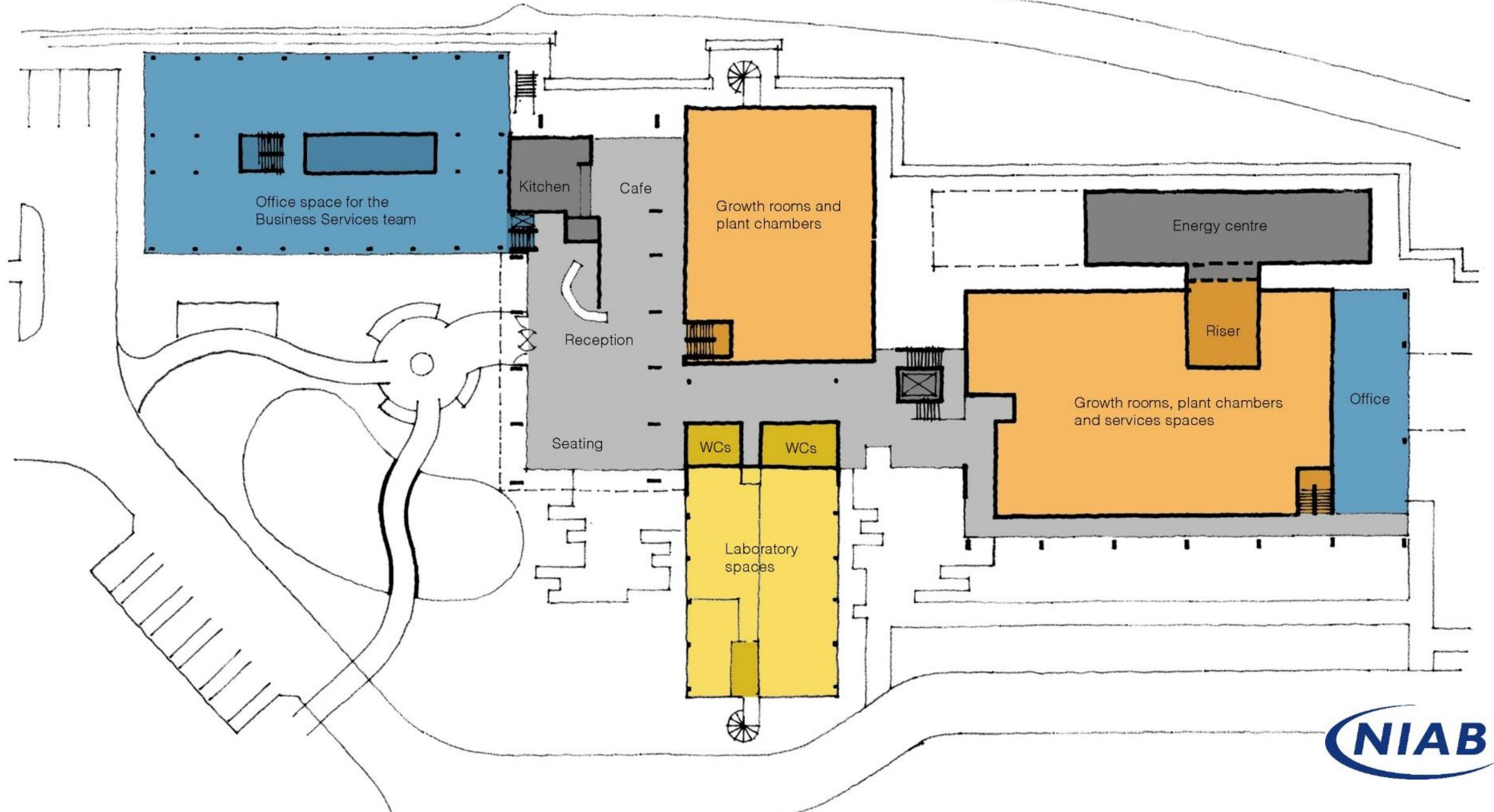


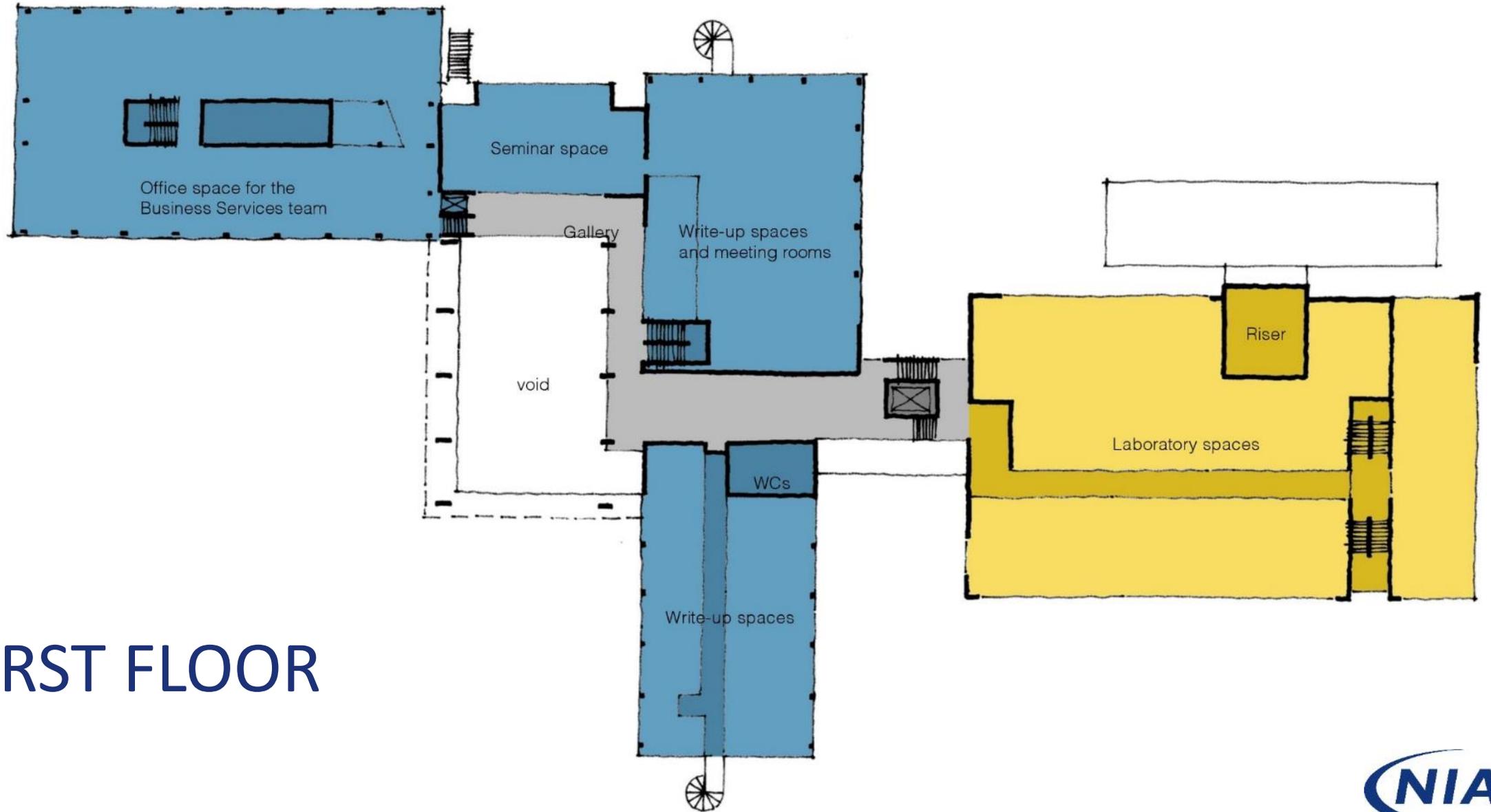
# South-western elevation of Crop Science Building



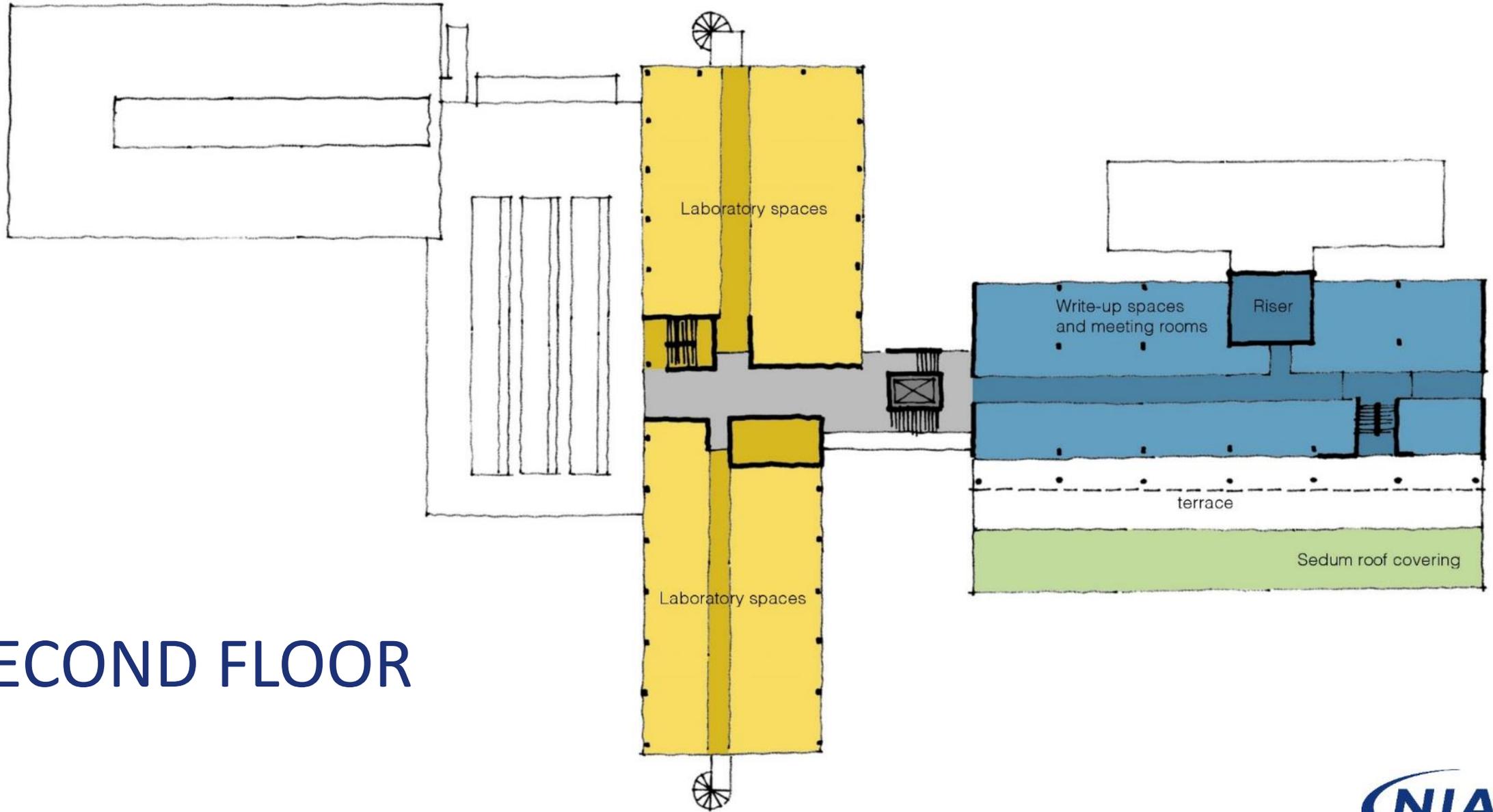
Cross section through Crop Science Building

# GROUND FLOOR





# FIRST FLOOR



# SECOND FLOOR



