



**WHITFIELD SS PERFORMING ARTS &
MUSIC CENTRE**
ENVELOPE PACKAGE - FINAL SD R2
MARCH 2026

KEY THEMES

THE AIM



Our School motto **"Each Striving for the Peak"** captures our commitment to create a learning environment in which each child can thrive and become an independent, creative and successful learner.



Connection to Place

The façade design draws inspiration from the surrounding Mount Whitfield ranges and lush rainforest, embedding a strong connection to place through its form and materiality. Rising, angular geometries symbolise the school's motto "Each Striving for the Peak," expressing a sense of ascent and aspiration. A natural, earthy palette of warm reds, and stone neutrals anchors the building within the local landscape, creating a distinctive and contextually grounded identity.



Sense of Belonging

Integrate the school's identity and colours subtly (red perforated panels) within an earthy overall palette, creating a civic landmark that instills pride in students, staff, and the wider community, and reflects the creative spirit of the performing arts and music programs.



Celebration of Performance

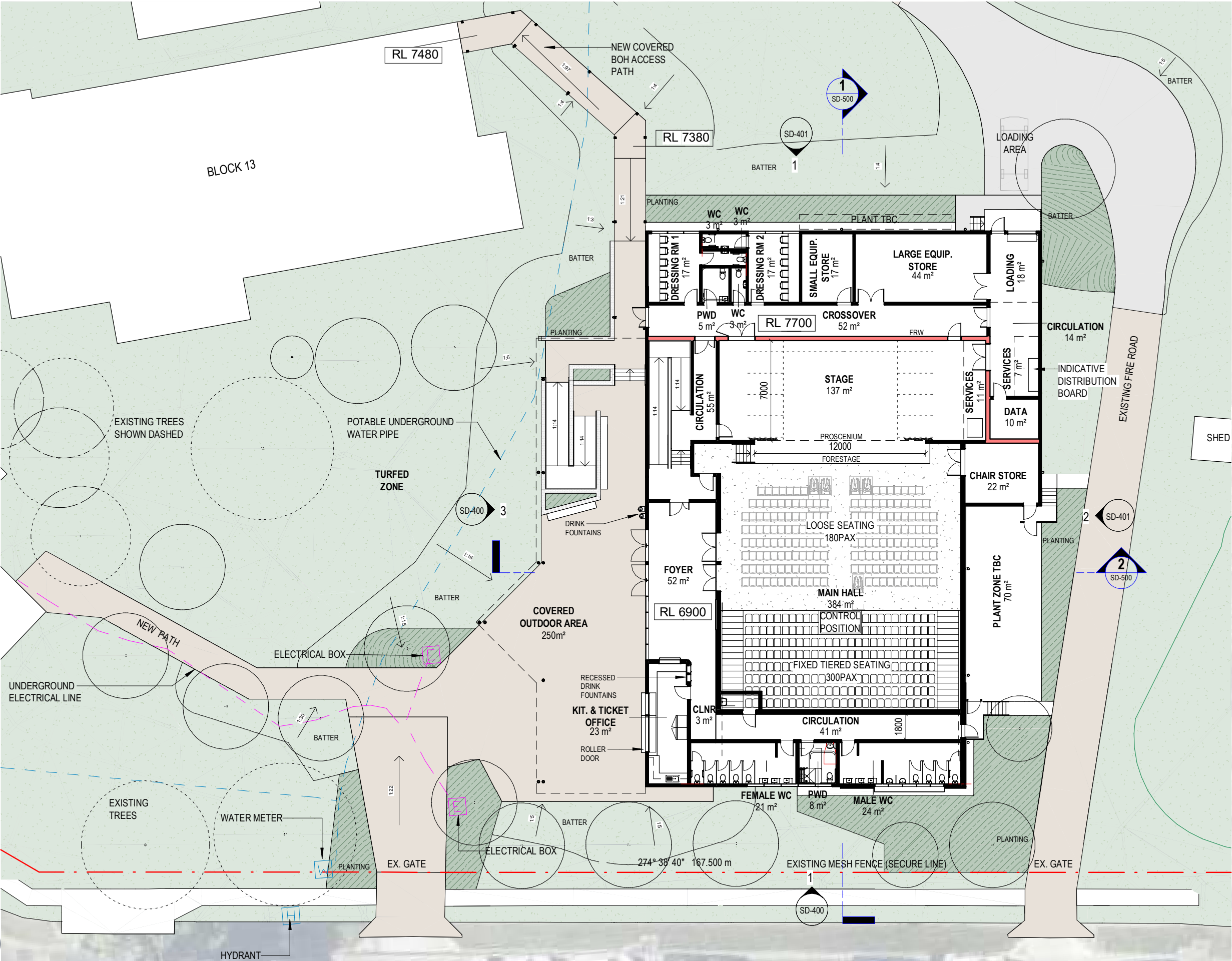
A theatrical façade that builds anticipation and excitement, featuring dynamic sculptural screening elements symbolising movement, rhythm, and sound, with a visually striking grand entry foyer that welcomes the community.



Climate-Responsive Design

Perforated shading screens and fins provide solar control while adding layered depth, with filtered daylight enhancing interior comfort, using durable, low-maintenance materials suited to the tropical climate.

PLANS
GROUND FLOOR

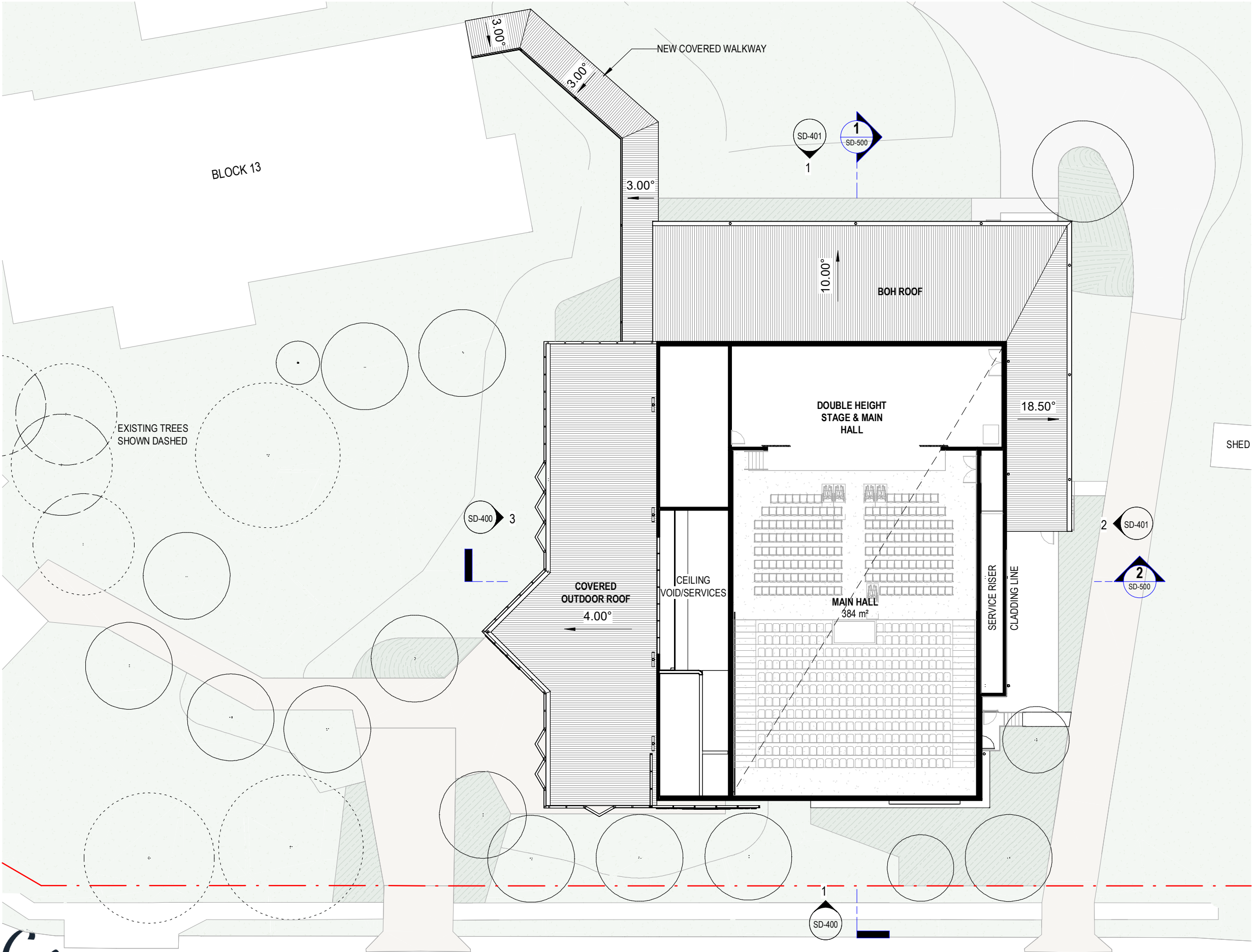


NOTE: ALL ROOM AREAS INDICATED ARE MEASURED TO THE INTERNAL FACE OF FINISHED WALLS.

INTERNAL AREA SCHEDULE

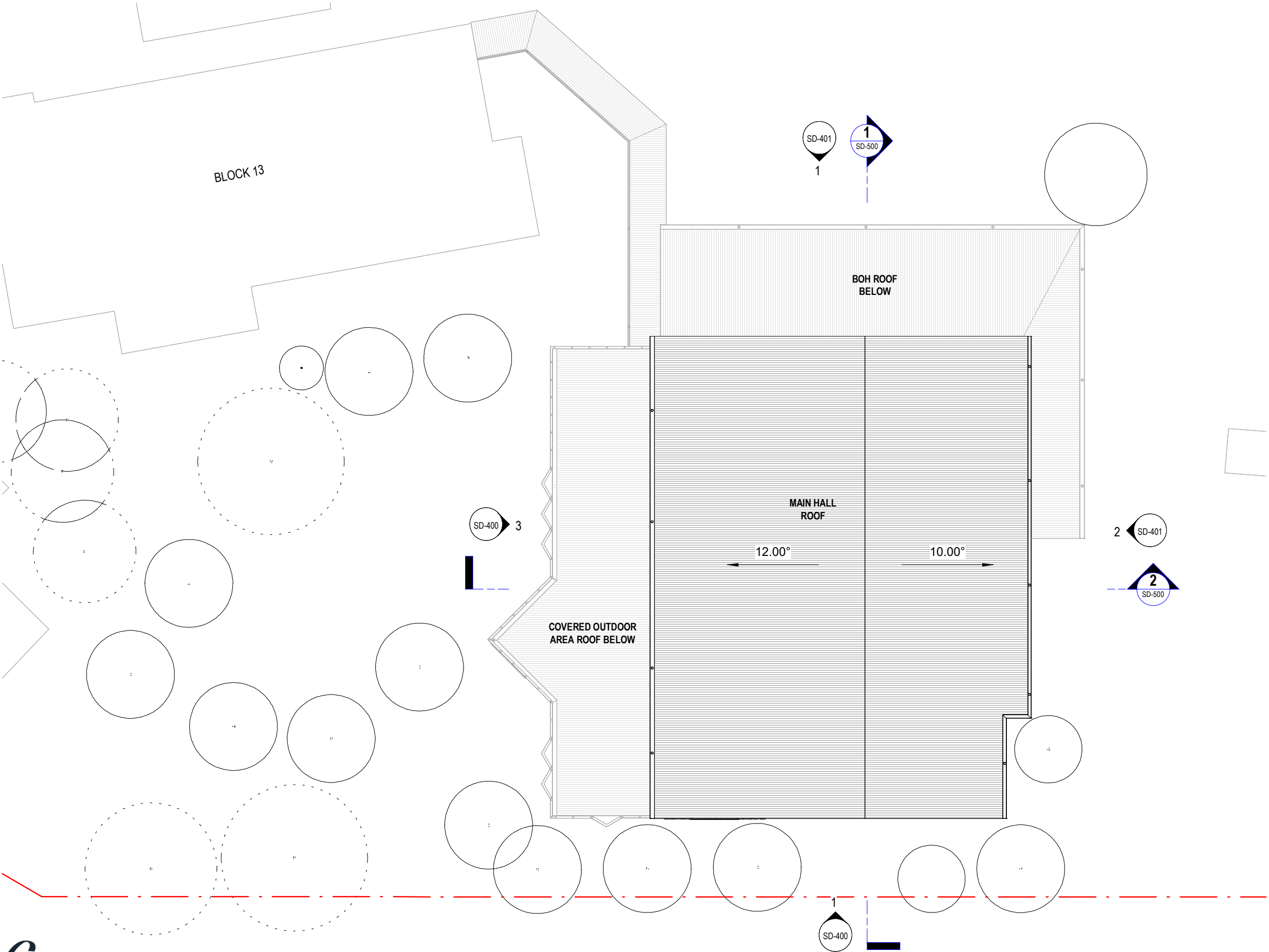
Name	Area
CHAIR STORE	22 m²
CIRCULATION	41 m²
CIRCULATION	55 m²
CIRCULATION	14 m²
CLNR	3 m²
CROSSOVER	52 m²
DATA	10 m²
DRESSING RM 1	17 m²
DRESSING RM 2	17 m²
FEMALE WC	21 m²
FOYER	52 m²
KIT. & TICKET OFFICE	23 m²
LARGE EQUIP. STORE	44 m²
LOADING	18 m²
MAIN HALL	384 m²
MALE WC	24 m²
PLANT ZONE TBC	70 m²
PWD	5 m²
PWD	8 m²
SERVICES	11 m²
SERVICES	7 m²
SMALL EQUIP. STORE	17 m²
STAGE	137 m²
WC	3 m²
WC	3 m²
WC	3 m²
TOTAL ENCLOSED	1061 m²

PLANS
LEVEL 1



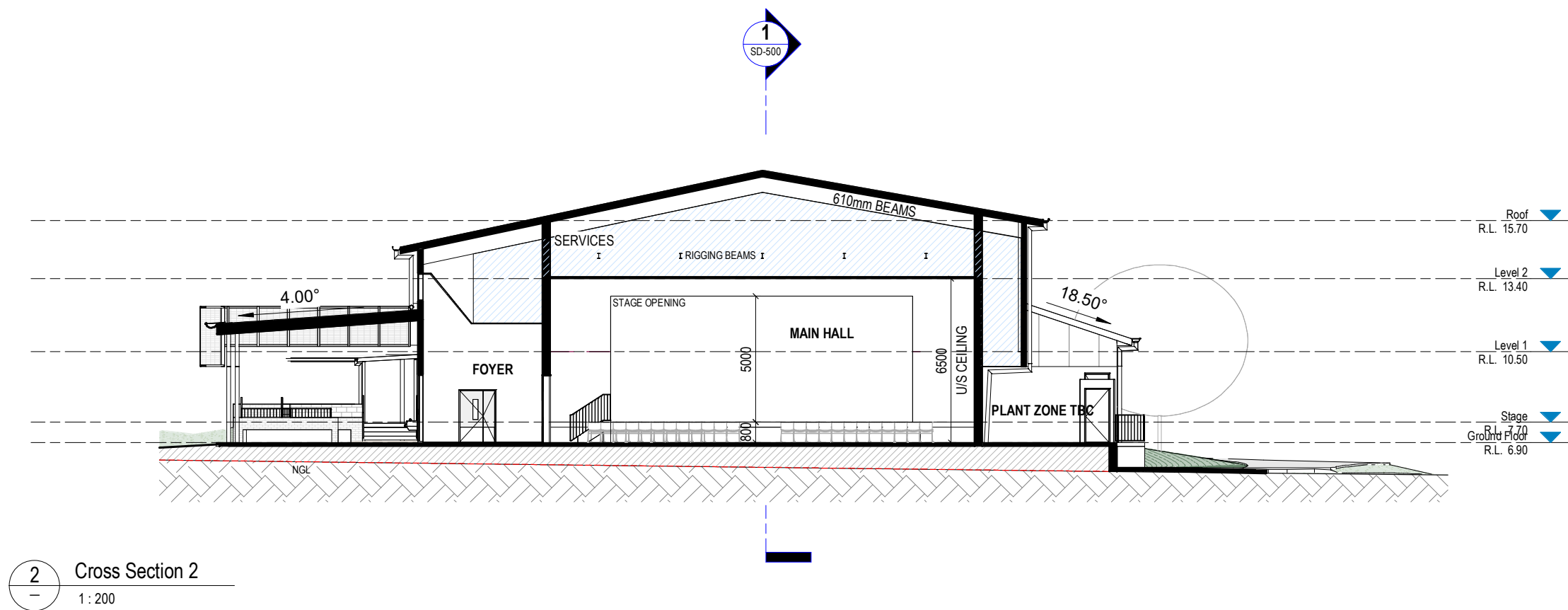
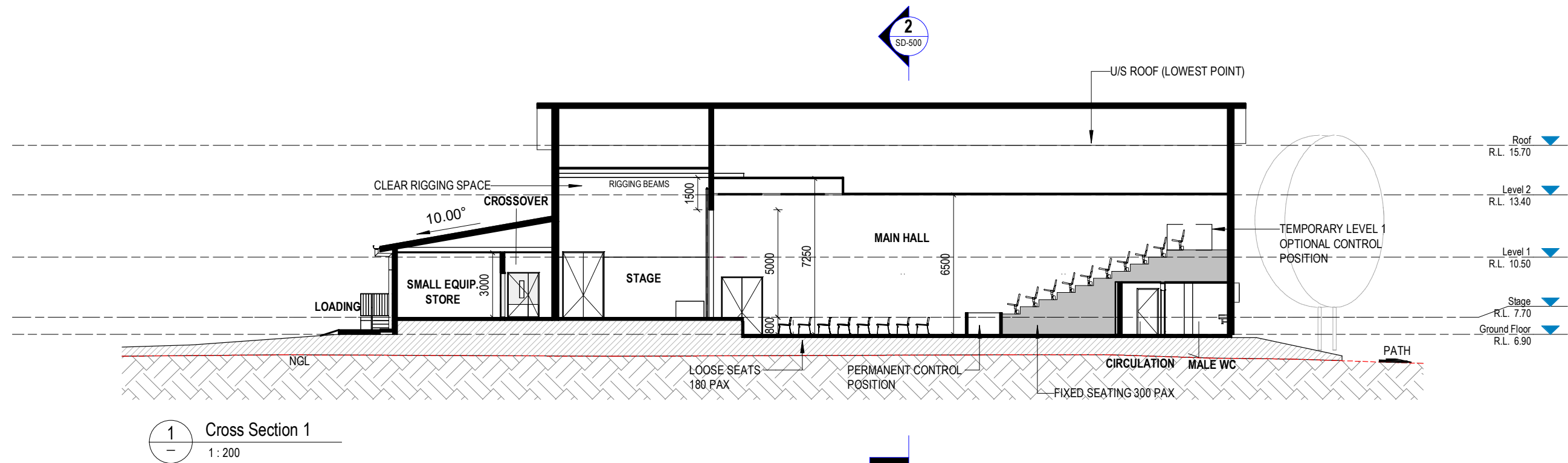
Ch

PLANS
ROOF



Cn

PLANS
SECTIONS



Ch

DESIGN PRINCIPLES & MATERIAL STRATEGY

THE FEEL

- **Clear School Identity & Wayfinding**

The external envelope incorporates integrated signage, logo placement, and a clearly defined public interface, supporting DoE guidance for legible school identity and intuitive wayfinding.

- **Simple, Legible Built Form**

Building massing and roof geometry are deliberately simple and coherent, aligning with DoE principles for clarity of form, ease of construction, and long-term adaptability.

- **Minimum Roof Pitch Compliance**

The enclosed roof form achieves a **minimum 10-degree roof pitch**, in accordance with DoE guidelines.

- **Durability & Low Maintenance**

Materials are selected for robustness, impact resistance, and low maintenance, consistent with DoE requirements for high-use school environments and whole-of-life cost efficiency.

- **Climate-Responsive Design**

Perforated metal screening provides passive shading and reduces solar gain to the terrace, supporting DoE objectives for climate-appropriate design and improved thermal comfort.

- **Reduced Visual Bulk & Streetscape Integration**

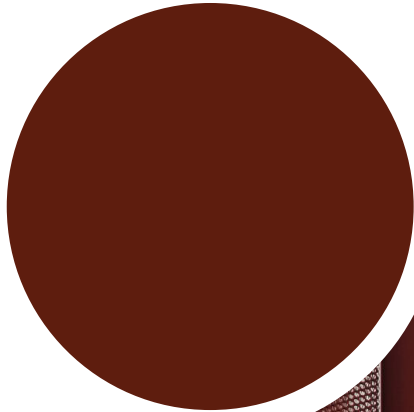
Articulated screens and cladding break down the perceived scale of the building and contribute positively to the Marino and Nesbit Street frontages, aligning with DoE guidance for appropriate scale and streetscape response. While also meeting Whitfield SS ambitions for enhance street presence.

- **Safety & Passive Supervision**

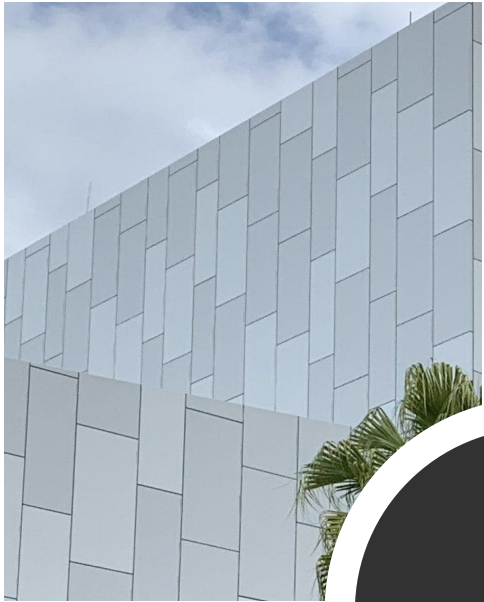
The envelope design maintains clear sightlines and supports passive supervision while clearly defining public and non-public zones, in accordance with DoE safety principles.

- **Cost-Efficient Construction**

A simple roof form and repeatable façade elements support efficient construction, cost certainty, and value-for-money outcomes in line with DoE and Whitfield SS stakeholder objectives.



PERFORATED SCREEN



PRE-FINISHED FC PANELS



GALVANISED COLUMNS



PGH BRICK MERCURY

STREET VIEW
3D VISUALISATION

- LEGIBLE BUILT FORM
- CLIMATE RESPONSIVE
- ENHANCED STREET PRESENCE
- ROBUST MATERIALS
- CLEAR SCHOOL IDENTITY



ARRIVAL
3D VISUALISATION

- LEGIBLE BUILT FORM
- CLIMATE RESPONSIVE
- IMPACT RESISTANT MATERIALS
- CLEAR SCHOOL IDENTITY



VIEW FROM PREP
3D VISUALISATION

- LEGIBLE BUILT FORM
- CLIMATE RESPONSIVE
- IMPACT RESISTANT MATERIALS
- CLEAR SCHOOL IDENTITY



VIEW FROM NEW COVERED WALKWAY
3D VISUALISATION

- COST EFFECTIVE
- CLIMATE RESPONSIVE
- IMPACT RESISTANT MATERIALS



BOH

3D VISUALISATION

- SIMPLE BUILT FORM
- IMPACT RESISTANT MATERIALS
- COST EFFECTIVE



ELEVATIONS
3D VISUALISATION



PREP ELEVATION



STREET ELEVATION



EAST ELEVATION



BOH ELEVATION



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