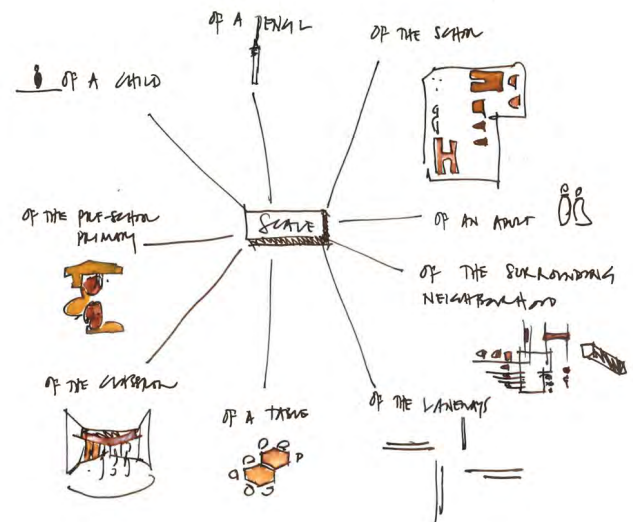


Highgate Primary School, New Teaching Block – Education
 AIA WA Presentation Day 17 March 2018



P.S.
 HIGHGATE H.W.
 09.07.15



EXISTING SITE PLAN AND ELEVATIONS

GREEN RECREATION
AREA
HARD RECREATION
AREA
MUSIC ROOM
ARTS ROOM
TOILET BLOCK
INTENSIVE ENGLISH
SCHOOL
PLAYGROUND



EXISTING NETBALL
COURTS
SENIOR SCHOOL
ADMINISTRATION
CLASSROOMS
STAFF PARKING
COVERED ASSEMBLY
BUILDING
LIBRARY & RESOURCE CENTRE
ARTS & CLASSROOMS BLOCK
PARKING
PRE-PRIMARY
TRANSPORTABLE
CLASSROOMS

 **SITE PLAN
HIGHGATE PRIMARY SCHOOL**

SITE



NORTH SOUTH PHOTOGRAPHIC MONTAGE OF SITE - ALONG BULWER AVE

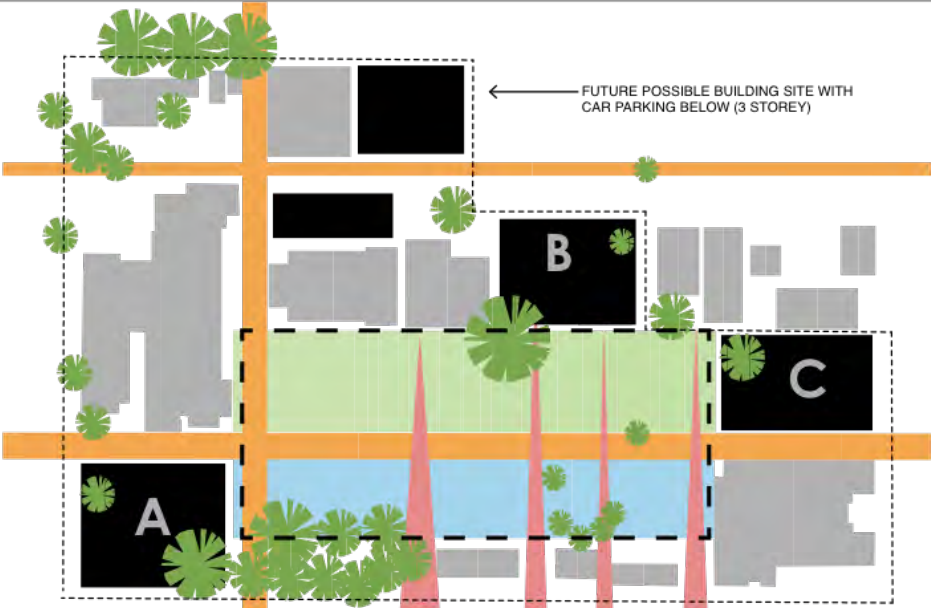
SITE



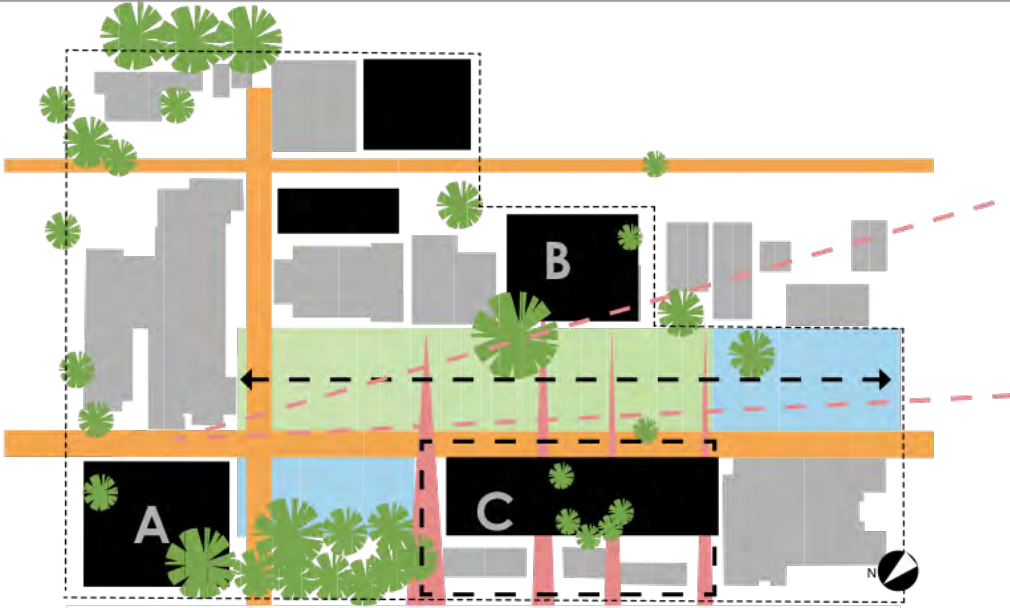
EAST WEST PHOTOGRAPHIC MONTAGE OF SITE - ALONG LINCOLN STREET

MASTER PLANNING OPPORTUNITIES

SITE 'A' SELECTED AS DENSITY ANALYSIS SUGGESTS THIS TO BE THE MOST APPROPRIATE SITE GIVEN ITS LIKELIHOOD AS THE LAST POTENTIAL BUILD ON THE HIGHGATE SCHOOL SITE. THIS SITE PROVIDED OPPORTUNITY TO ADDRESS A SIGNIFICANT CORNER OF THE SCHOOL, MAINTAIN AND DIRECT VIEW CORRIDORS AND BUILD UP THE WESTERN SIDE



OPTION 1
SCHOOL ENCIRCLED BY BUILT FORM, ENCOURAGING OPEN SPACE IN AN INNER ZONE

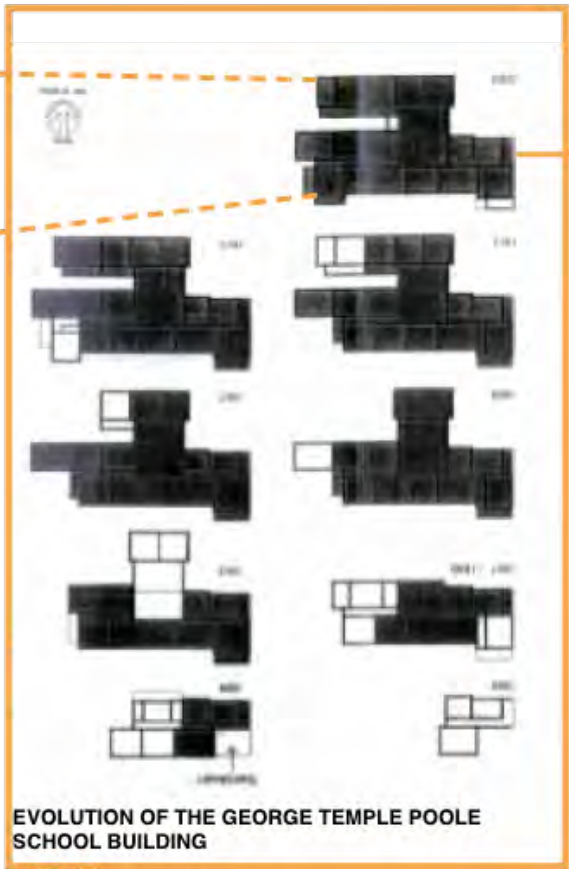


OPTION 2
BUILD UP WESTERN EDGE, MAINTAINING VIEW CORRIDOR THROUGH SITE AND LINEAR NATURE OF OPEN SPACES

- MAJOR VIEW CORRIDORS THROUGH THE SCHOOL
- MAJOR VISTA OUT OF THE SITE
- GREEN SPACE
- EXISTING BUILDINGS
- MAJOR VISTAS INTO THE SITE
- HARD SPACE / COURTS
- BUILDABLE AREAS







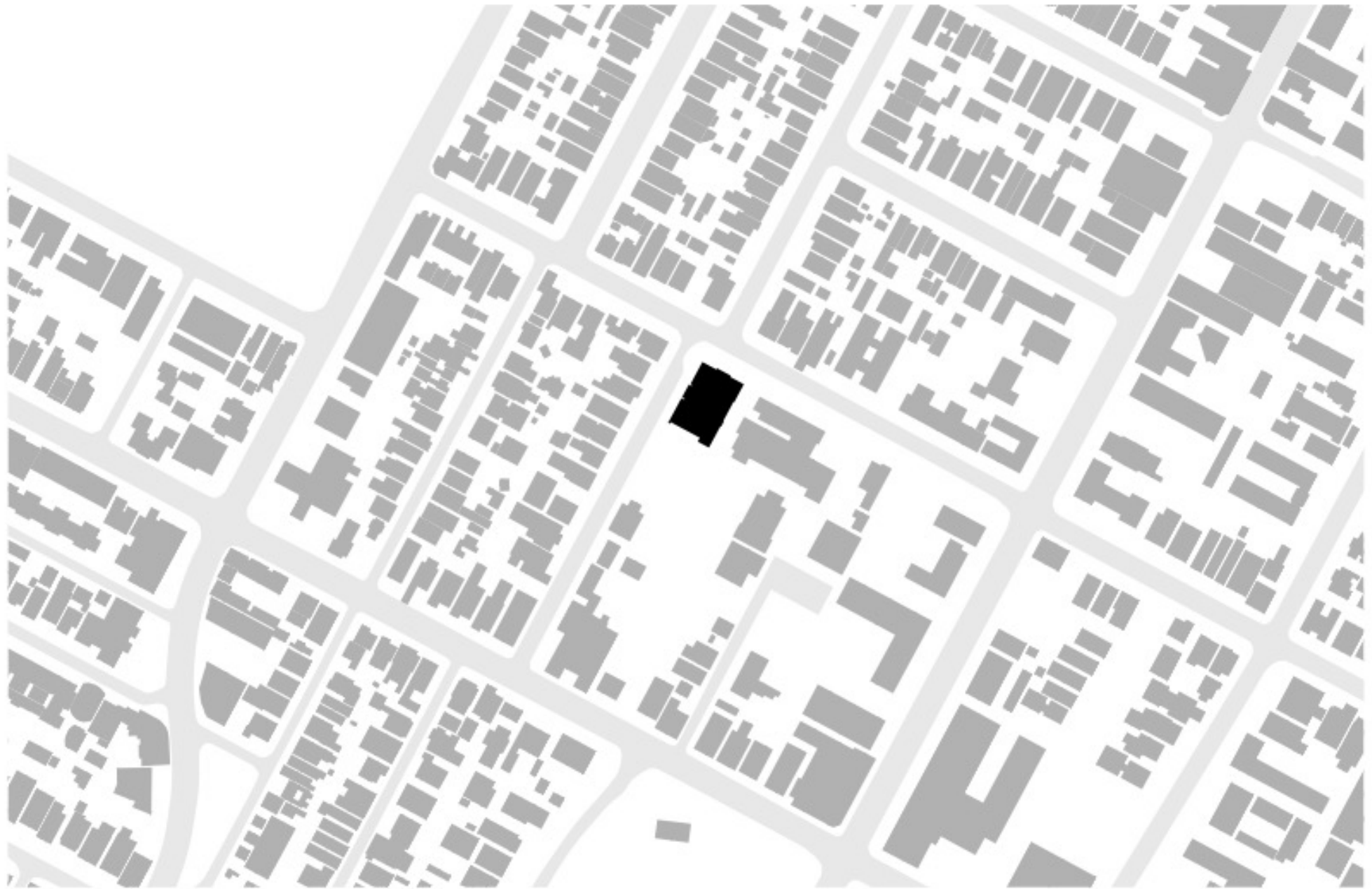
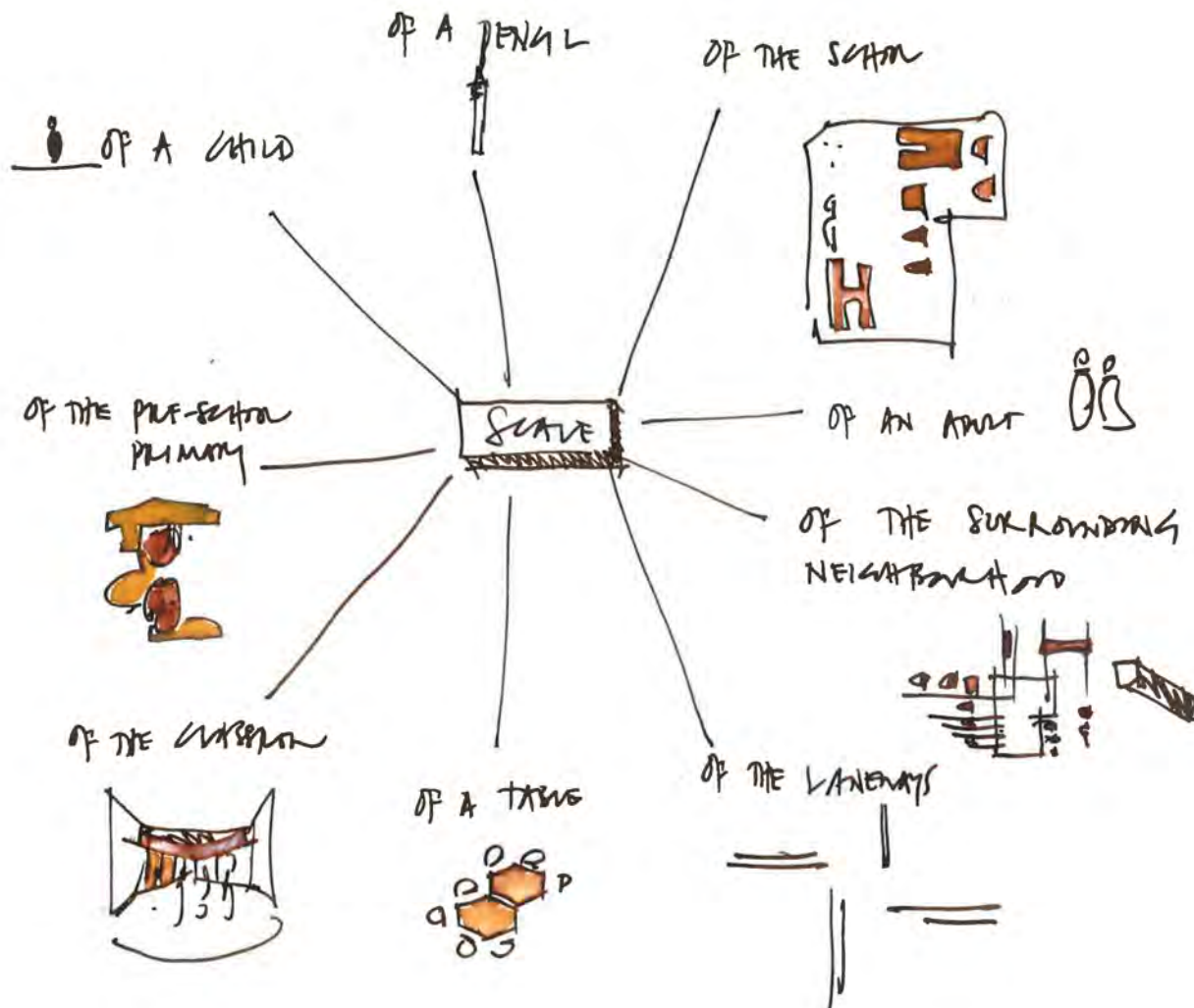


FIGURE GROUND





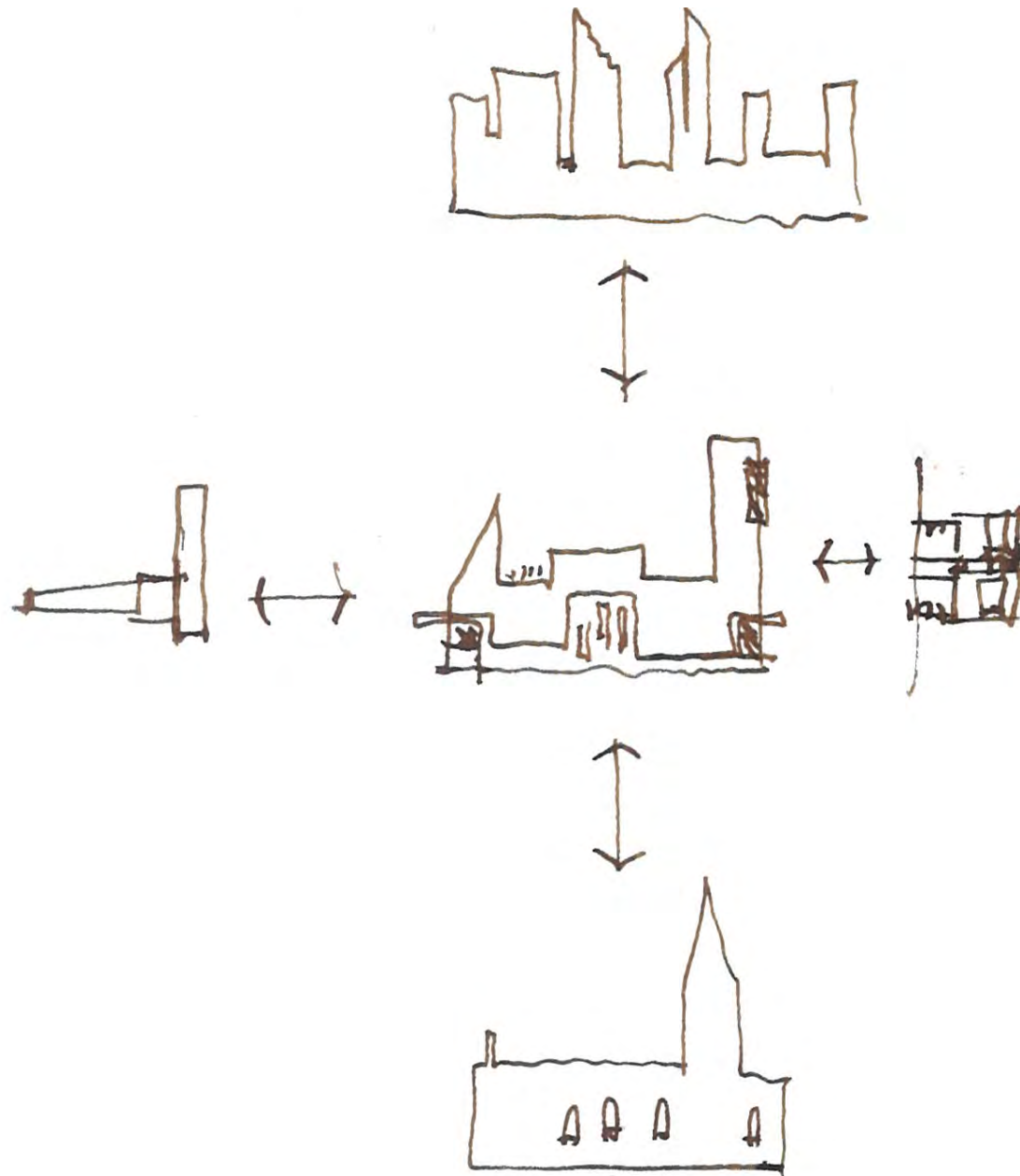


“The City is a huge house and the house a tiny City”

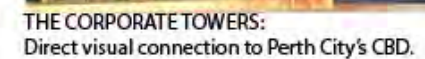
- Aldo Van Eyck, Steps Towards a Configurative Discipline (1962)

“I try to make a tiny city of each building”

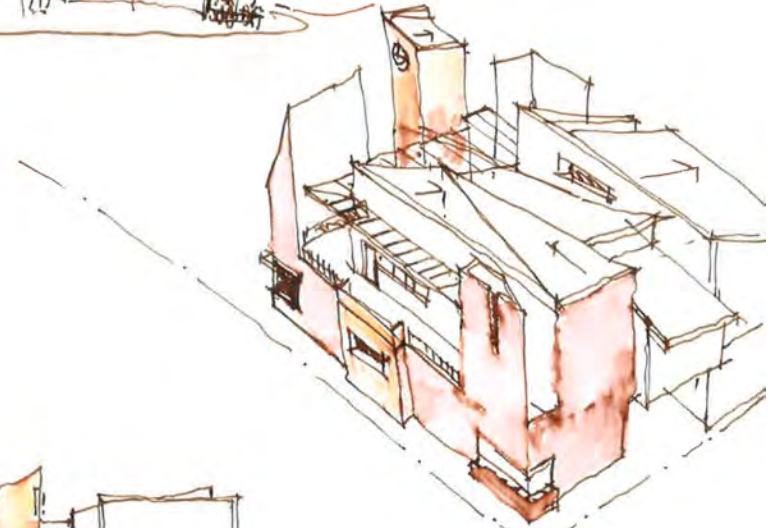
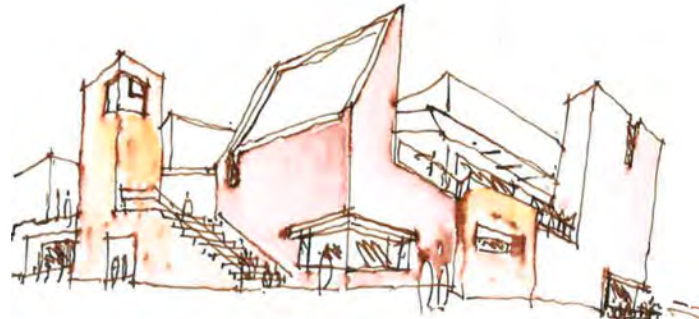
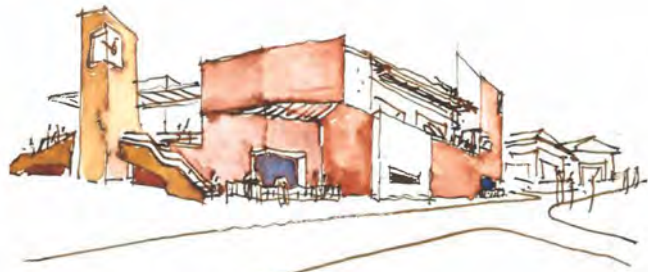
- Herman Hertzberger



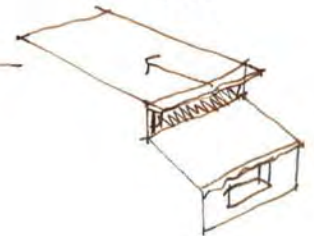
Meeting Points...



Context Diagram – Relationship to surrounding ‘towers’



LAND
TILE SEAT



North South Connection







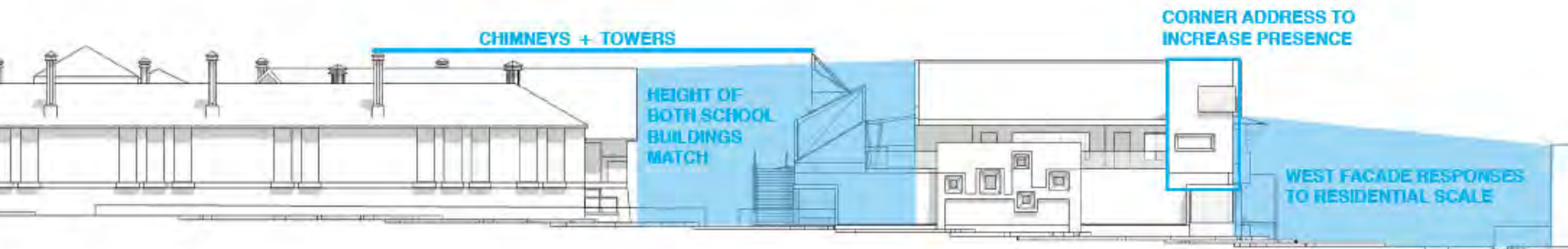








Context Diagram – Street Scale



Context Diagram – Street Scale



CELESTRY / HIGHLIGHTS



NORTH EAST PRE-PRIMARY CLASSROOM



GLAZED TILES



NORTH CORNER WINDOW EDGE



BANDING AND BRICKWORK



LIMESTONE PLINTH AND BRICKWORK



NORTH CORNER PERSPECTIVE



BUILDING EXTRUSIONS AND STOOPS ON BULWER AVE

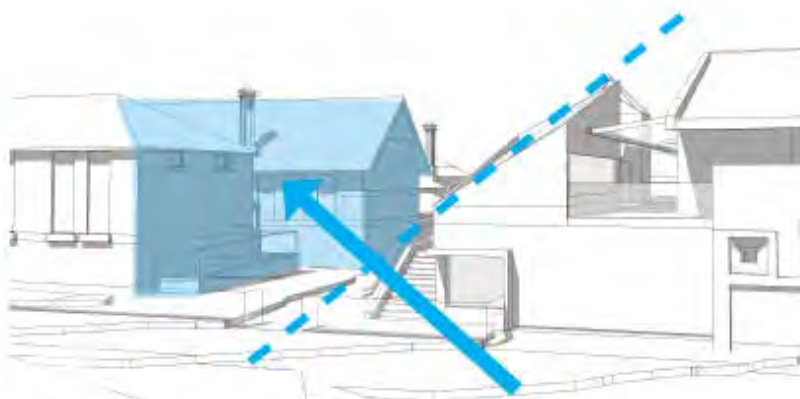


WEST FACADE FEATURES AN ABSTRACT POP OUT COMPONENT

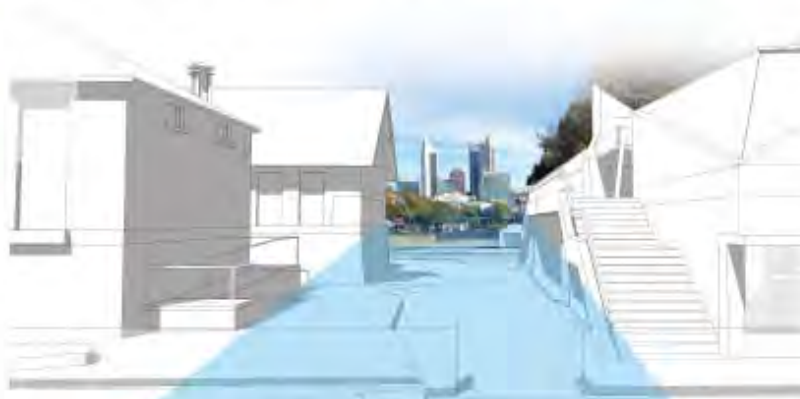
Context Diagram – Relationship to surrounding buildings details







SLICED TOWER = VIEW ONTO HERITAGE BUILDING

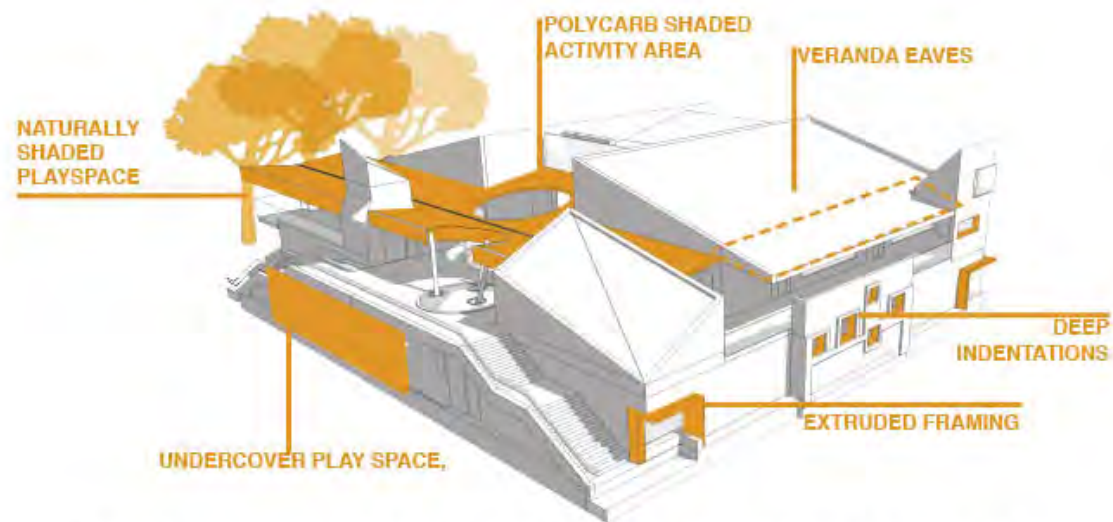


BUILDING FOOTPRINT = VIEW CORRIDOR MAINTAINED

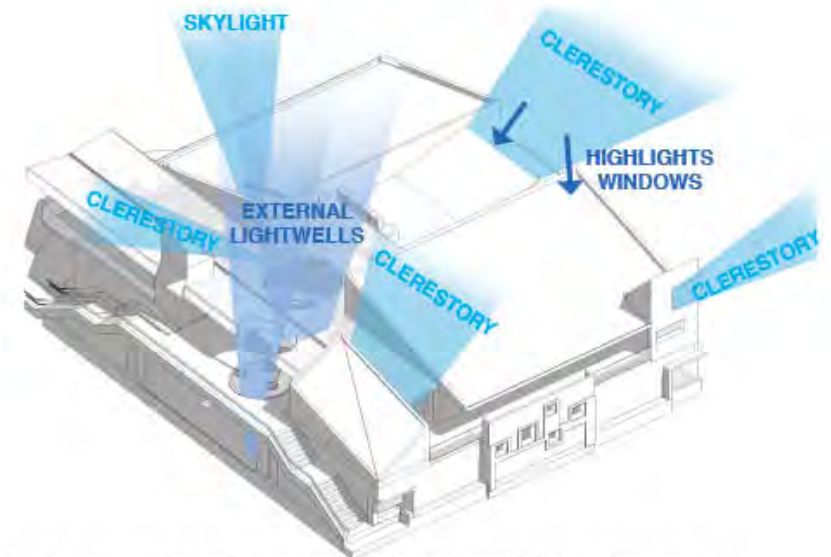


EXTERNAL ACTIVITY AREA = CITY VIEWS

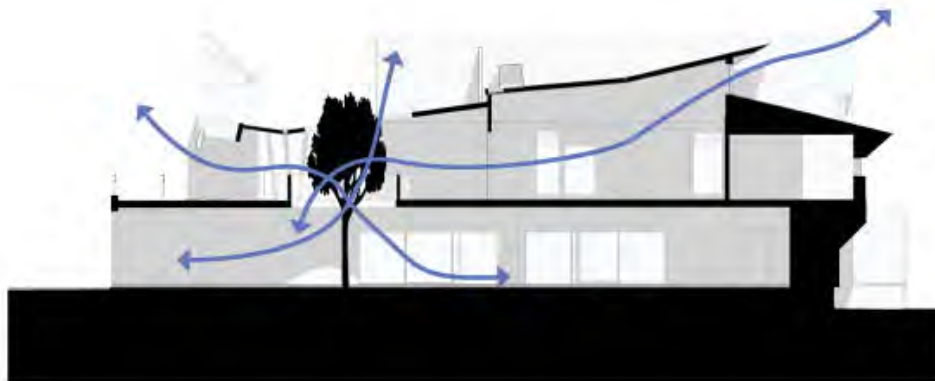
View corridor diagrams



5.1 _ PASSIVE SOLAR SHADING THROUGH USE OF COVERED OUTDOOR SPACES AND DEEP RECESSED OR EXTRUSIONS AROUND WINDOWS



5.2 _ NATURAL LIGHT THROUGH INTEGRATION OF LIGHT WELLS AND HIGH LIGHTS INTO CLASSROOMS



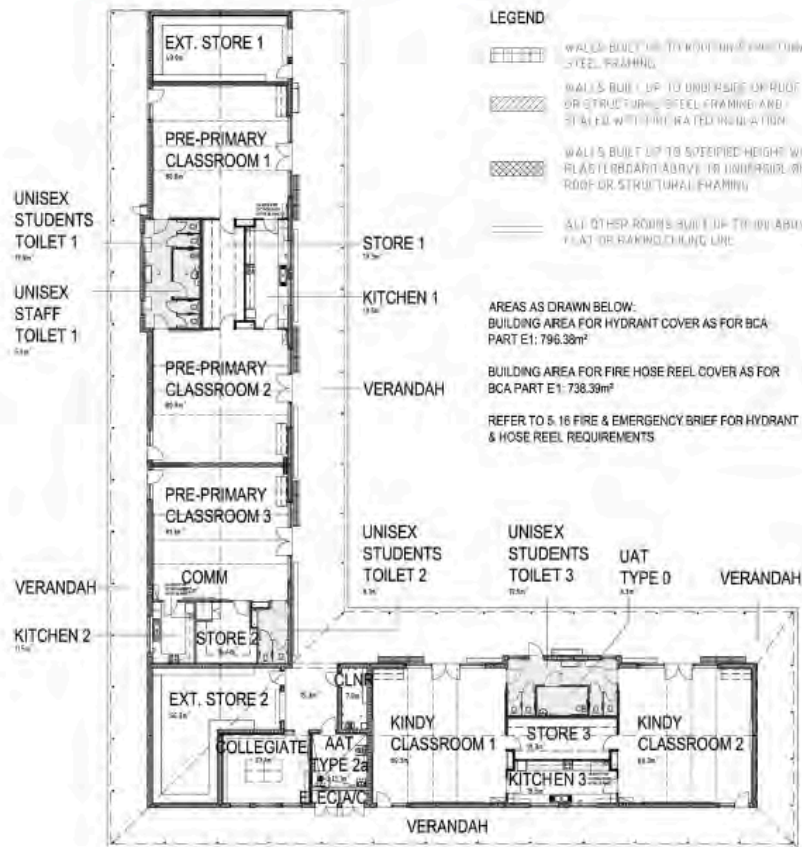
5.3 _ PASSIVE VENTILLATION BY CREATING CROSS BREEZES AND INTEGRATING VEGETATION INTO BUILDING FABRIC TO COOL DOWN BREEZE PATHS



5.4 RE INTRODUCING REMOVED TREE INTO BUILDING FABRIC

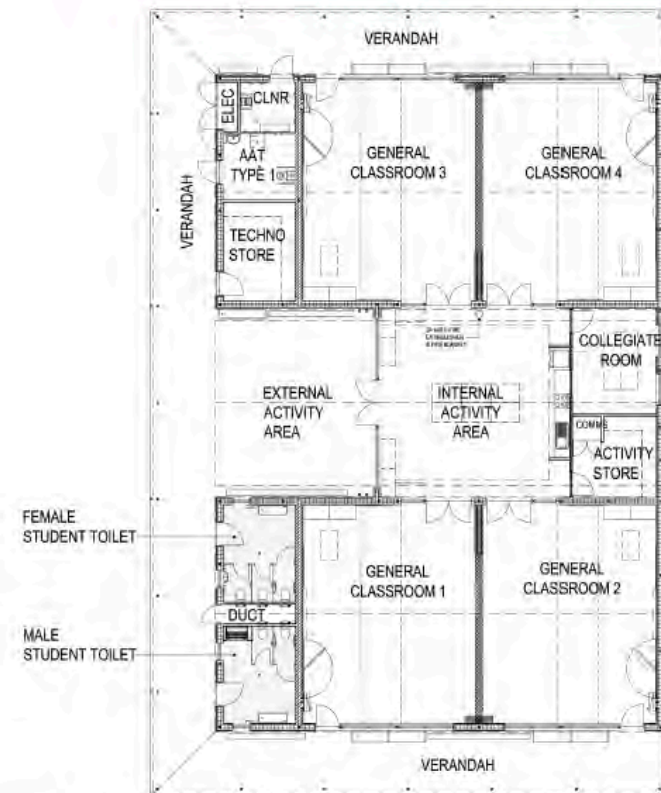
ESD diagrams





TB1 - FLOOR PLAN

SCALE NTS

GENERAL TEACHING
TB2 & TB3AREAS AS DRAWN ABOVE:
BUILDING AREA FOR HYDRANT COVER AS FOR BCA PART E1: 445.66m²

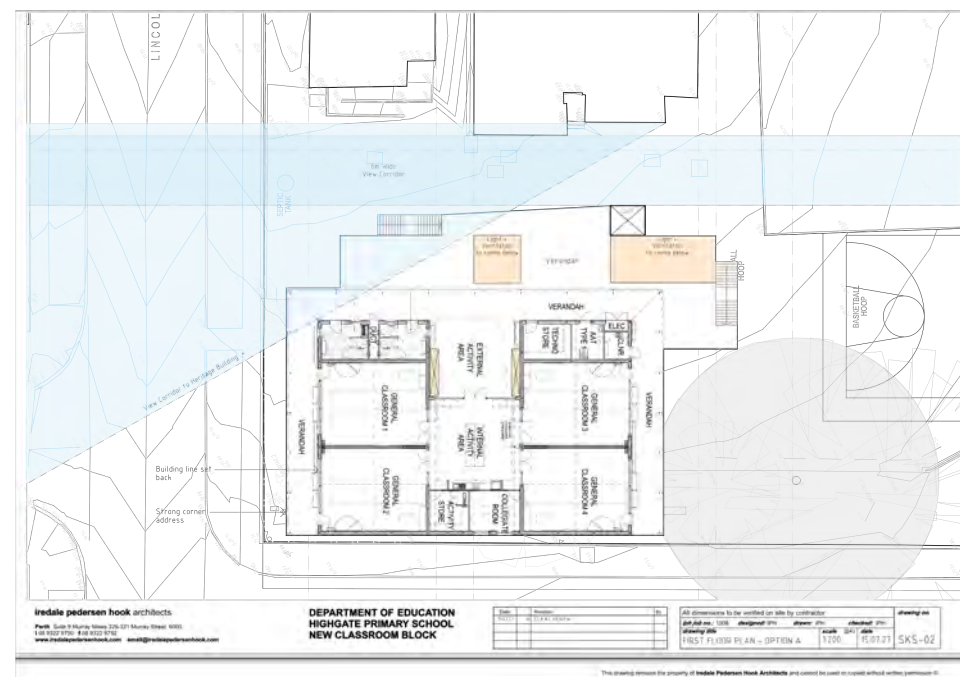
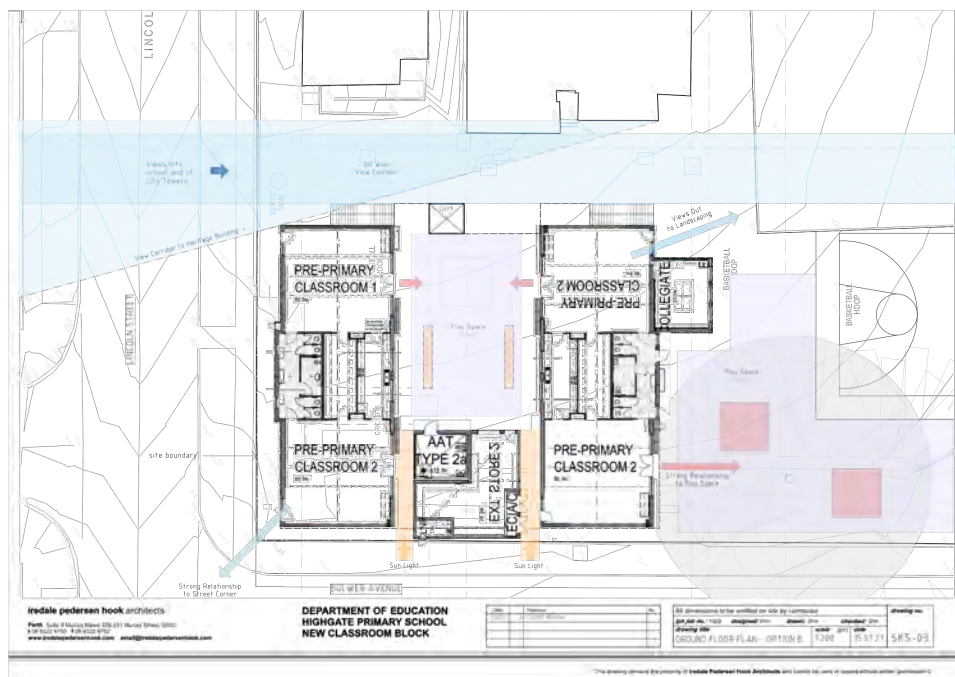
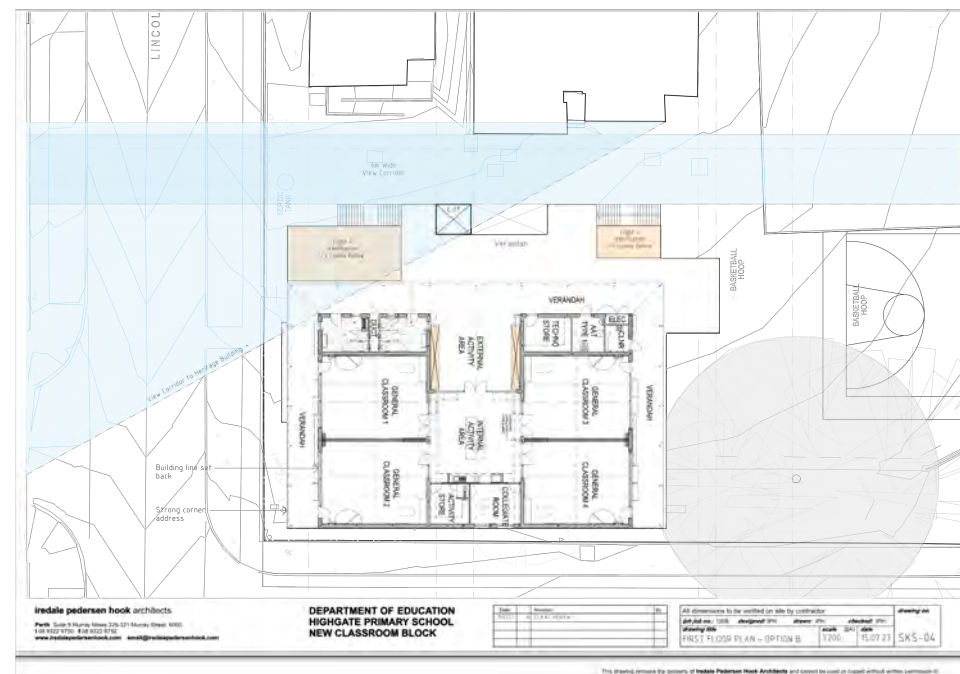
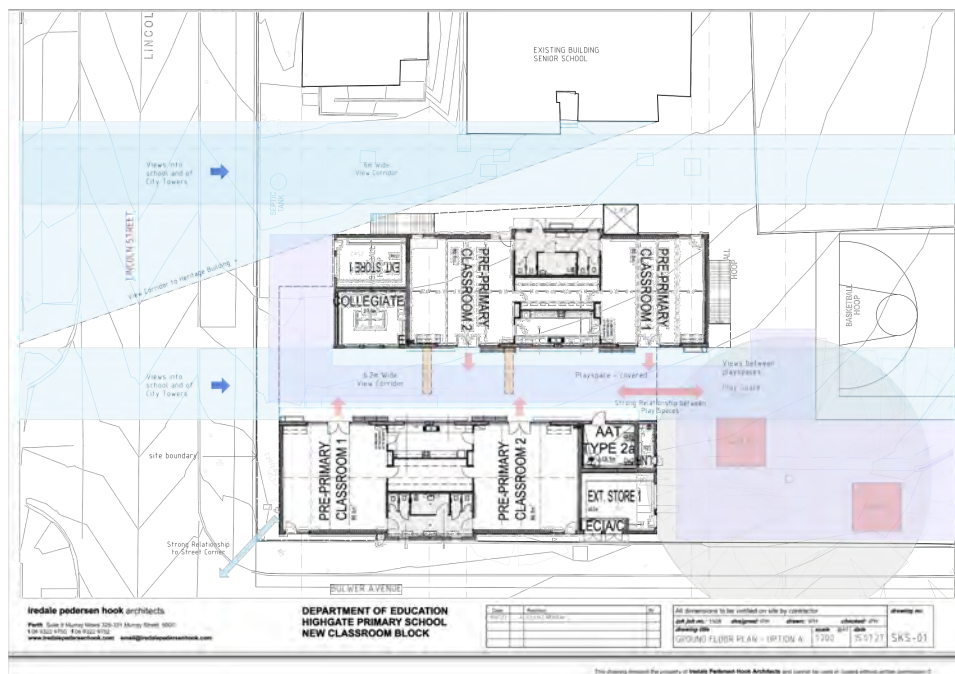
BUILDING AREA FOR FIRE HOSE REEL COVER AS FOR BCA PART E1: 415.91m²

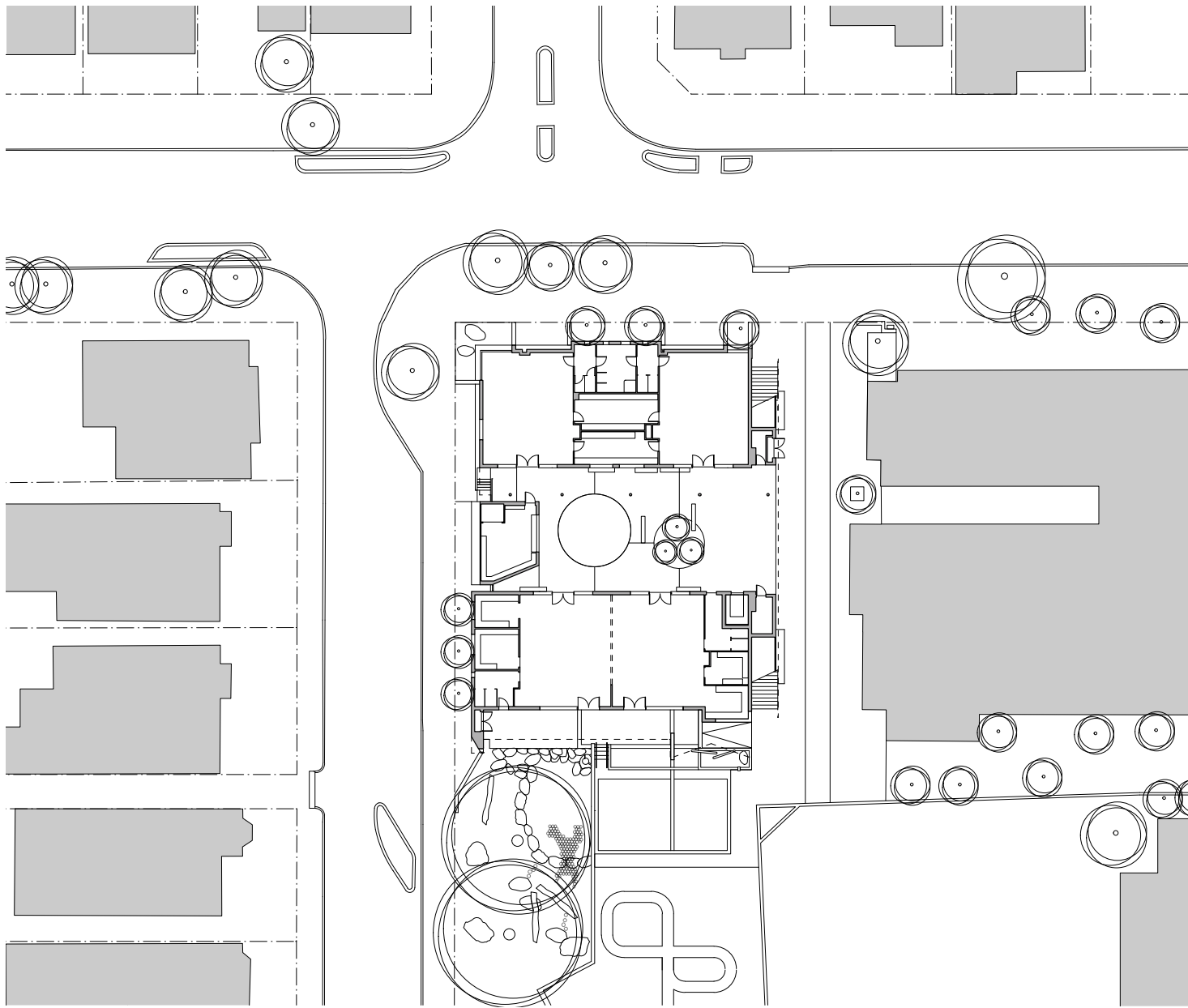
REFER TO 5.16 FIRE & EMERGENCY BRIEF FOR HYDRANT & HOSE REEL REQUIREMENTS

0m
10m
SCALE

LEGEND

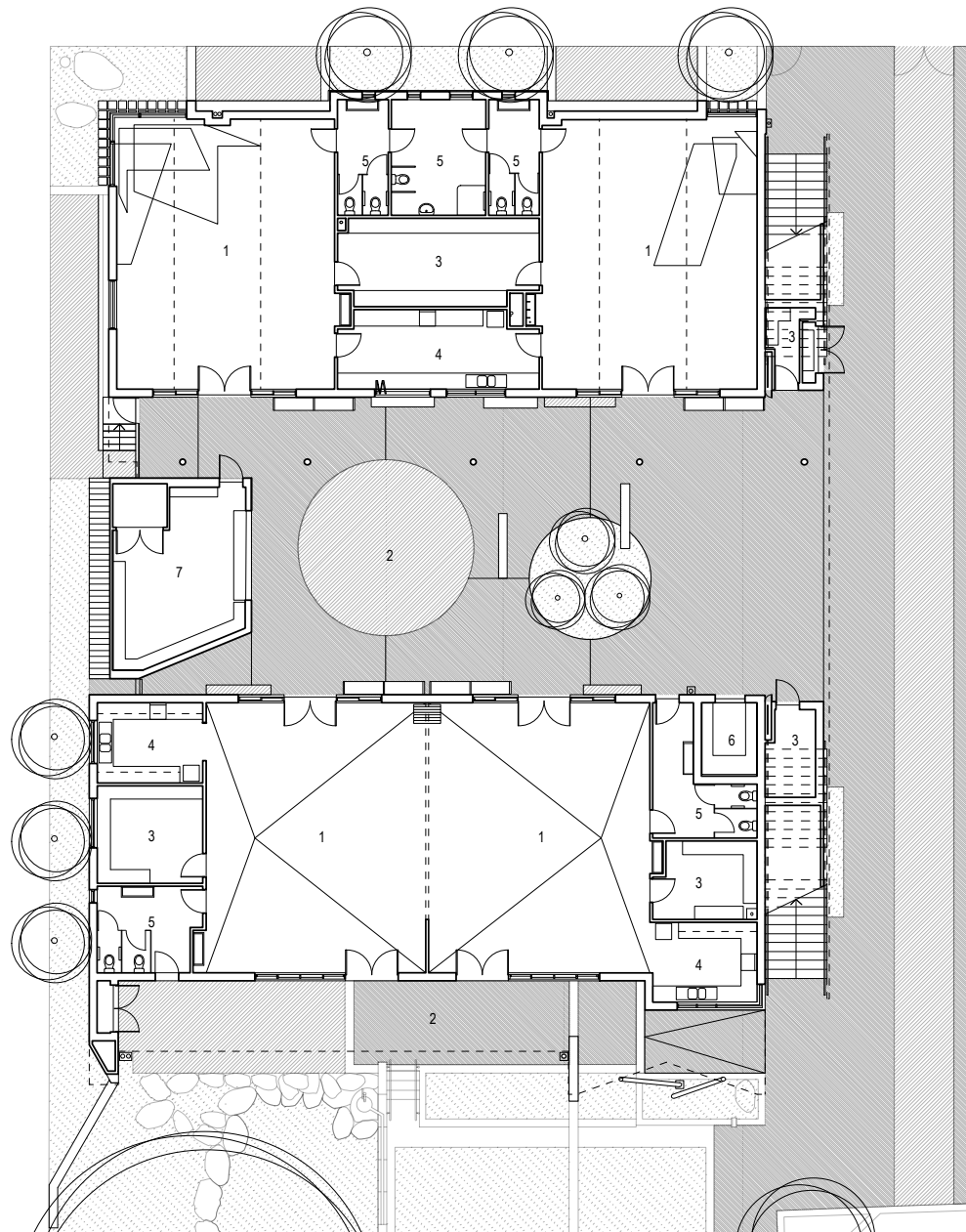
- WALLS BUILT UP TO ROOF OR STRUCTURAL STEEL FRAMING
- WALLS BUILT UP TO UNDERSIDE OF ROOF OR STRUCTURAL STEEL FRAMING AND SEALED WITH FIRE RATED INSULATION
- WALLS BUILT UP TO SPECIFIED HEIGHT WITH PLASTERBOARD ABOVE TO UNDERSIDE OF ROOF OR STRUCTURAL FRAMING
- ALL OTHER ROOMS BUILT UP TO 100 ABOVE FLAT OR RAKING CEILING LINE
- CABLE WIRES FIXED AT 2300r AFL





SITE PLAN



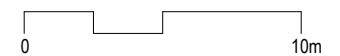


GROUND FLOOR PLAN

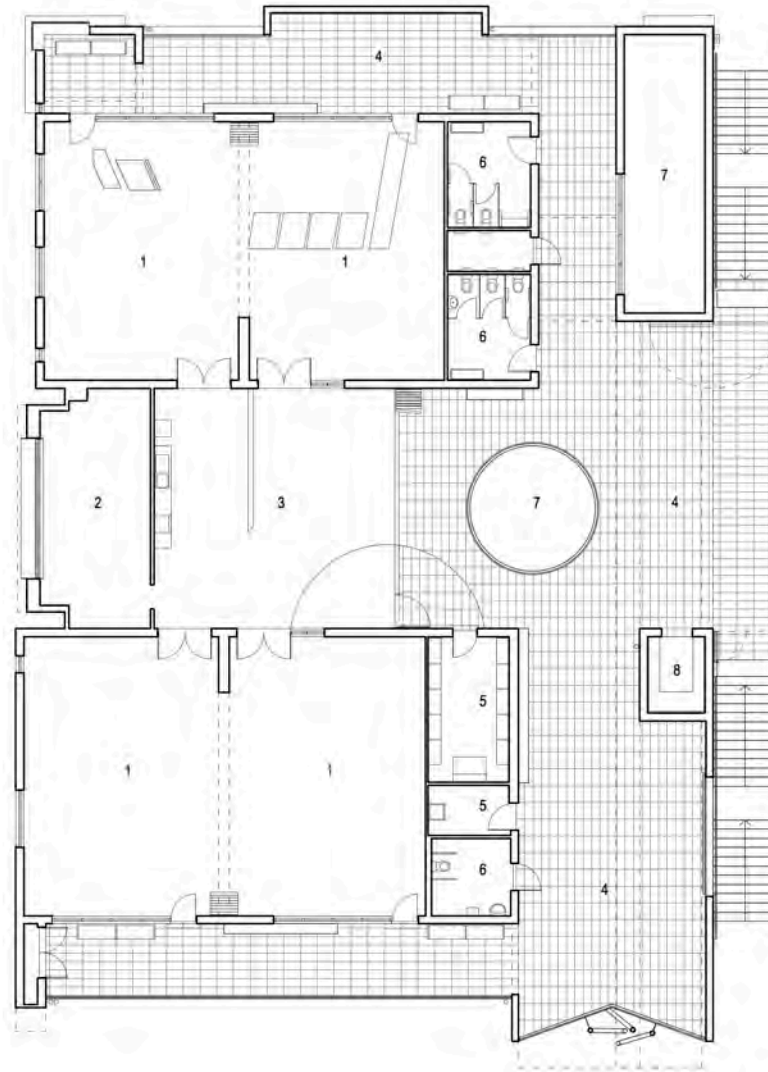
- 1. CLASS ROOM
- 2. UNDERCOVER PLAY
- 3. STORE ROOM

- 4. KITCHEN
- 5. BATH ROOM
- 6. LIFT

- 7. STORE / STAGE

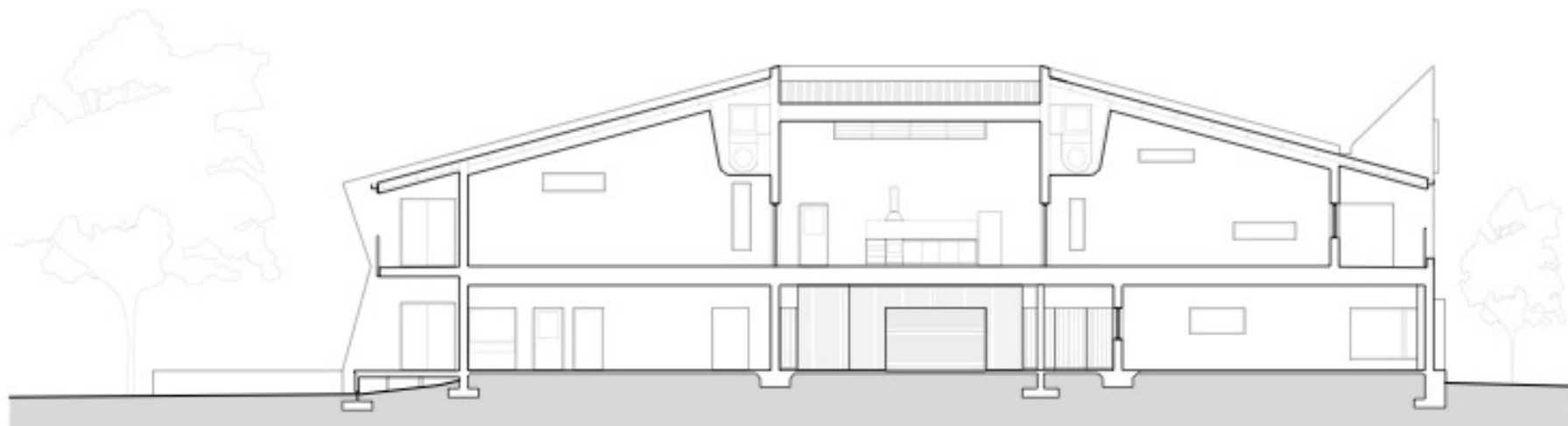


UPPER FLOOR PLAN



- 1. CLASS ROOM
- 2. COLLEGIATE ROOM
- 3. ACTIVITY AREA
- 4. VERANDAH PLAY SPACE
- 5. STORE ROOM
- 6. BATHROOM
- 7. VOID
- 8. LIFT

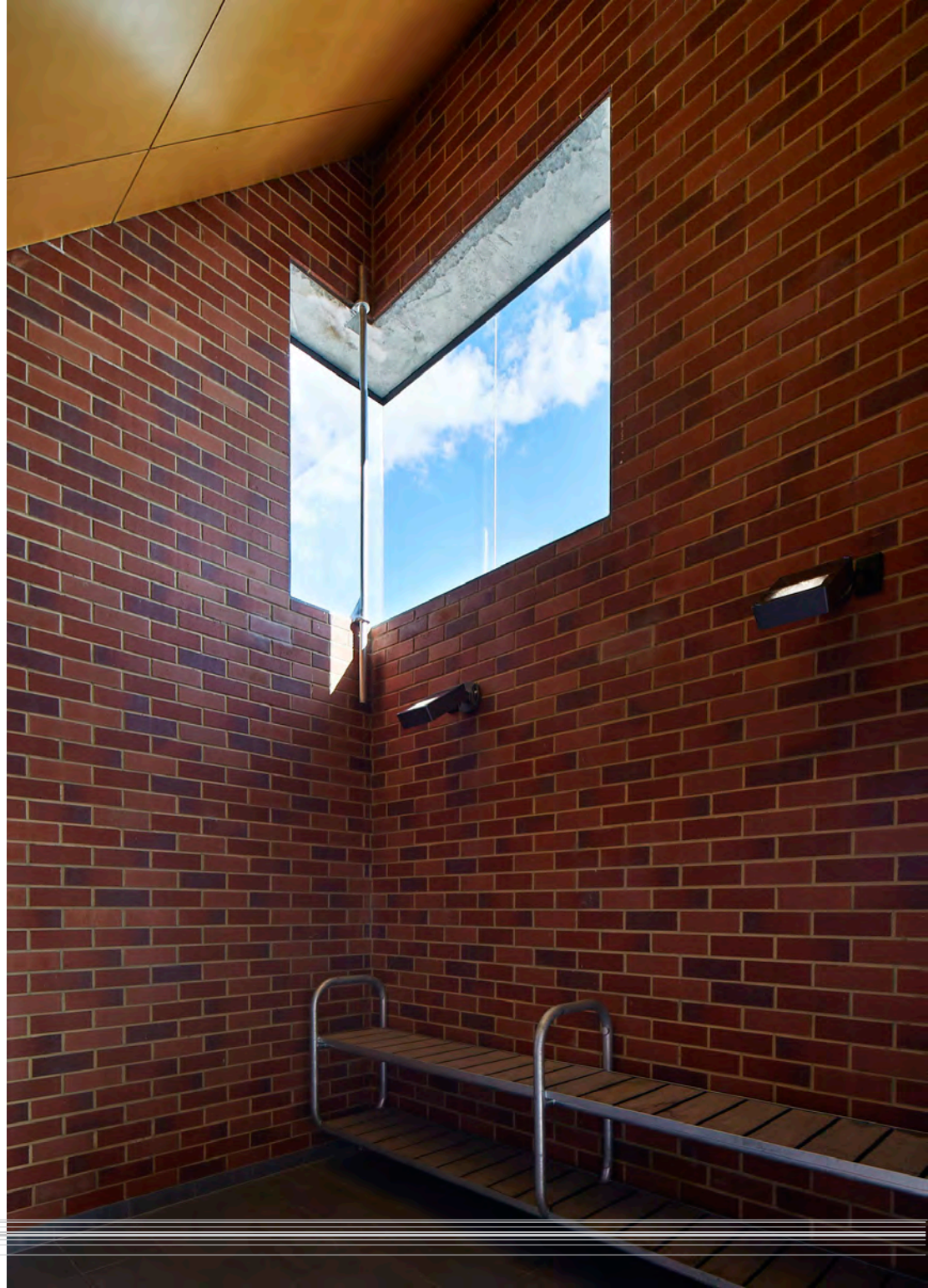




SECTION A







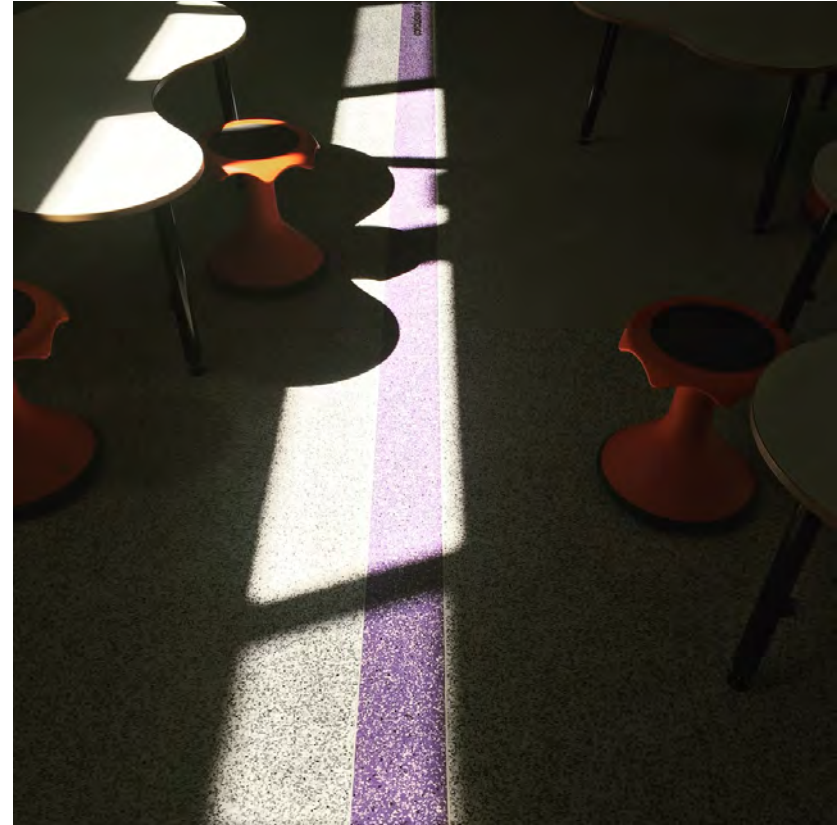
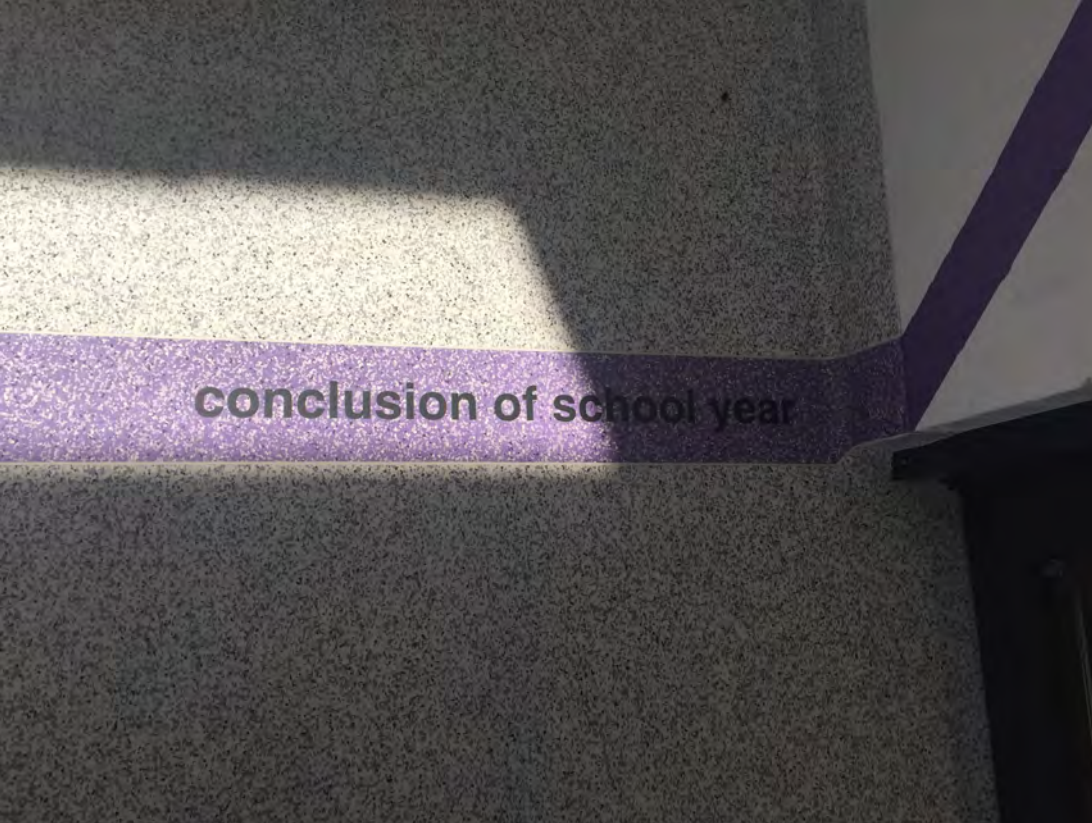












Sun Tracking- educational architecture

Iredale pedersen hook architects



















thankyou