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.

FUTURE POSSIBLE BUILDING SITE WITH CAR PARKING BELOW (3 STOREY)

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

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

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

INNER SCHOOL PANORAMA, FROM NORTH TO SOUTH
“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'
North South Connection
Perth's historic waterways and wetlands – indigenous meeting points
LOW DENSITY RESIDENTIAL AREA

HIGH DENSITY RESIDENTIAL AND COMMERCIAL STREET

THE MEDIATOR A COMPACT MINI-CITY BETWEEN THE LOW AND THE HIGH SCALE BUILDINGS

Context Diagram – Street Scale
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
ESD 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

6.1 Passive ventilation by creating cross breezes and integrating vegetation into building fabric to cool down breeze paths

6.4 Re-introducing removed trees into building fabric

iredale pedersen hook architects
Sun Tracking - educational architecture

conclusion of school year
thankyou