



DESIGN

A.G. CURRIE MIDDLE SCHOOL

BUILDINGS 400, 500, & 600

GHATAODE BANNON ARCHITECTS

Observational Site Plan



Disticies





Existing Campus Site Plan





Enlarged Site Plan





Building 400





Building 500







Building 600





Exterior Windows Study

AXIOMATIC - ENTRY OF NATURAL LIGHT INTO BUILDING 400



Evidence suggests improved learning outcomes from spaces that have daylight as the predominant source of lighting.

□It can reduce energy consumption (USA "most schools spend more on energy than books")

□Sick building syndrome rarely seems to occur in buildings with windows, which provide views and natural ventilation.

□Natural light should always be the major source of lighting during daylight hours. It can be from windows, borrowed lighting, or roof lighting.





Typical Classroom





Typical Science Lab





Green Buildings

Daylighting and Solar Tubes Reduced Environmental Impact Recycled Content Ceilings Carpet **Dual Glazed Windows** Water Efficient Plumbing Fixtures **Construction Waste Management**





A.G. Currie Middle School

Schedule

DSA Submittal \rightarrow January 2011 Construction \rightarrow June – August 2011 **Estimated Construction Cost** Building 400 =\$ 911,773 Building 500 = \$1,296,842Building 600 = \$ 911,773 = \$ 77,034 Site TOTAL = \$3,197,421 Total Project Cost = \$4,100,000









Ghataode Bannon Architects



