

# grandview heights secondary school

16040

## client

SD No. 36 (Surrey)  
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Manager  
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## location

Surrey, BC

## size

13,685 m<sup>2</sup>

## value

\$56 million

## status

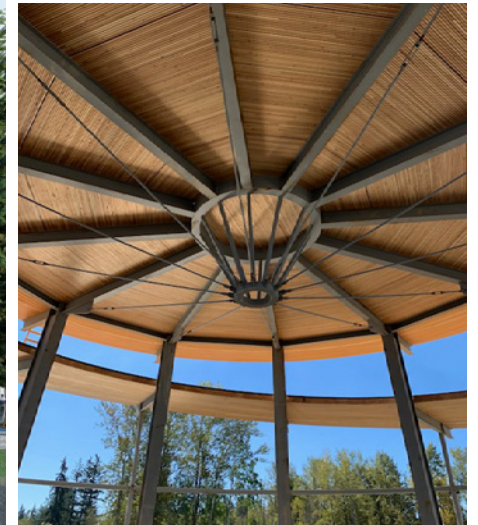
Under Construction

## key features

LEED Gold shadow  
Learning Studios  
Stakeholder engagement  
21st Century Learning Principles  
Theatre  
Atrium

## a place of 21st century learning

innovating new approaches to educating children, complementing the community and the environment



## connecting with nature

Grandview Heights Secondary School (GHSS) is a \$56 million, three-storey school with a capacity of up to 1,500 students, situated in South Surrey, BC's largest school district. The project is currently in the construction phase. Although the school is relatively large, its impact on the environment will be minimal, as Station One Architects (SOA) has designed its footprint to be as controlled as possible. Key design drivers that have been incorporated in the project include 21st Century learning principles, affordability, adaptability, accessibility, and durability. Extensive landscaping on the exterior of the facility is planned, incorporating many different hard and soft features. Further, the project has been designed such that it will foster a connection with adjacent greenspace.





### learning communities

The features of this new school are numerous, and include non-combustible construction, a purpose-built black-box theatre, rotunda, open concept learning commons, two gymnasiums, along with maker spaces with cutting-edge fabrication technologies. The learning studios are grouped into pod-style ‘communities’, with associated labs and collaborative spaces. The project will also include a lobby, gathering hall, multi-purpose rooms, a dance studio that will open out onto a plaza, and a small playground area for the community.



process to ensure its varied objectives were addressed. Working with BC’s biggest school district, Station One has maintained close and regular communication with the client ensuring that virtually all its goals will be incorporated in the ultimate design. Through the design process, Station One is working with the school district’s personnel and design staff to innovate new approaches to learning, as well as methods of constructing

### new approaches to learning

Station One, as an integral member of a multi-disciplinary team, collaborated with the client (School District No. 36 - Surrey) throughout the design



and designing buildings tailored to children’s learning, while at the same time fostering a functional connection to the community. Station One also undertook a series of workshops with the district, which included its facilities staff, design staff, principals, and planners. The firm participated in open houses during which the community had the opportunity to provide its input on the new GHSS project. Station One’s engagement of stakeholders ensured that GHSS’s design, constructibility, and usability were optimized.

### innovative solutions

Station One has overcome numerous challenges to maintain the schedule

and budget. In particular, the size and the scale of the project, coupled with the intricacies of the site itself, presented some hurdles, which Station One overcame with focused planning and communication. Another significant challenge involves the site which is adjacent to a new community centre and a large pool, and accordingly these facilities need to communicate and work together, and SOA has facilitated the necessary communication, incorporating this objective in its project planning and methodology.

### successful learning

GHSS will also incorporate the latest 21st century trends in educational environments, enabling its students to acquire the learning and innovation skills and knowledge to succeed in work, life, and citizenship as they prepare for the increasingly complex life and work environments of the 21st century. Specifically, Station One’s design for the new school addresses the fundamental skills of critical thinking, communication, collaboration, and creativity.