

# 1

Lord Byng Secondary School Seismic Upgrade Project

## PUBLIC INFORMATION SESSION



### Key Features

- Seismically upgrading the remaining high risk areas in the school so students can attend a seismically safe school
- Project construction start: Summer 2019
- Project construction finish: Summer 2021
- Phased construction to upgrade the workshop, gymnasium, cafeteria and auditorium
- Students and staff are able to remain on site

# 2

## Lord Byng Secondary School Seismic Upgrade Project EXISTING SCHOOL SITE



### Current State

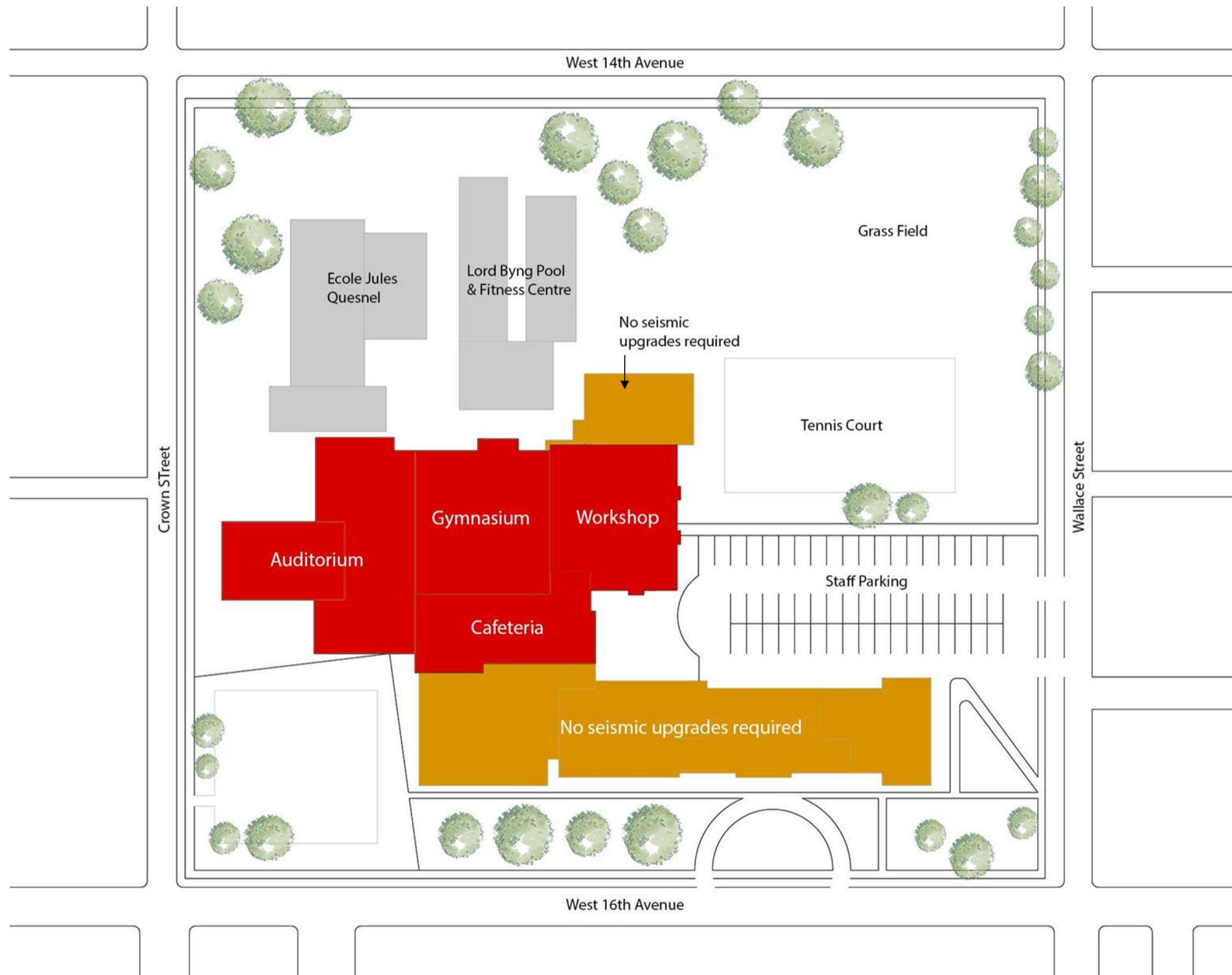
- **Seismically safe areas**
  - Main Classroom Building constructed in multiple phases (1920, 1932 and 1950) and seismically upgraded in 2002
  - Library and East Gym were constructed in 2002 and do not require seismic upgrading
- **Seismic work required**
  - Workshop, gym, cafeteria, auditorium wing (built in 1950)
  - Does not meet current seismic standards



# 3

## Lord Byng Secondary School Seismic Upgrade Project

# BENEFITS



### Seismic Upgrade

Area: 4,620 square metres

Cost: \$18.2M

\*Areas in red are approved for seismic work and funded by the Ministry of Education

### Benefits of the Approved Seismic Upgrade:

- Seismically safe building
- On-site accommodation during construction keeps the school community together
- Building systems upgraded (where impacted by seismic work)

# 4

# Lord Byng Secondary School Seismic Upgrade Project PROJECT PHASING

\*In order to minimize impacts, the project will be completed in three phases



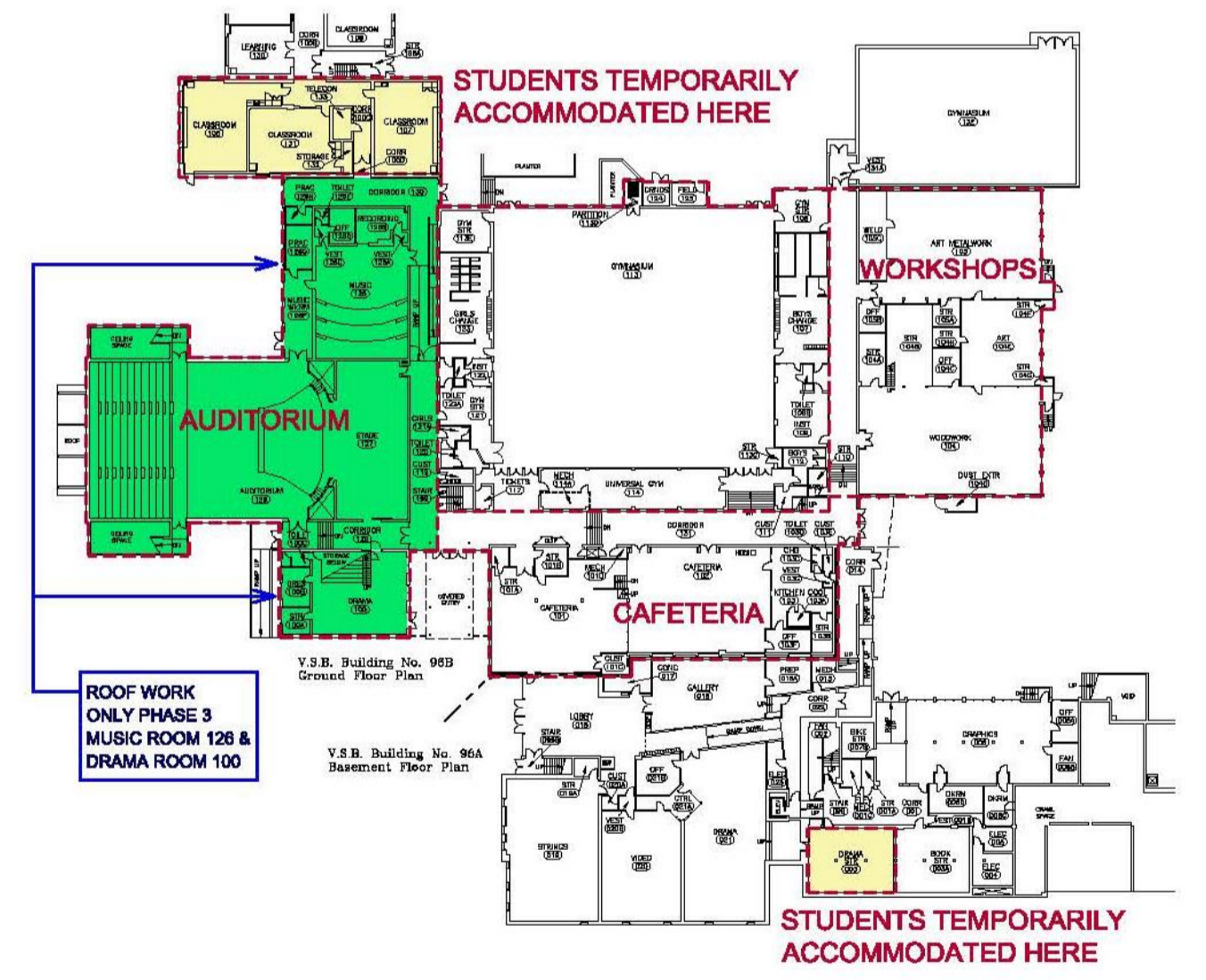
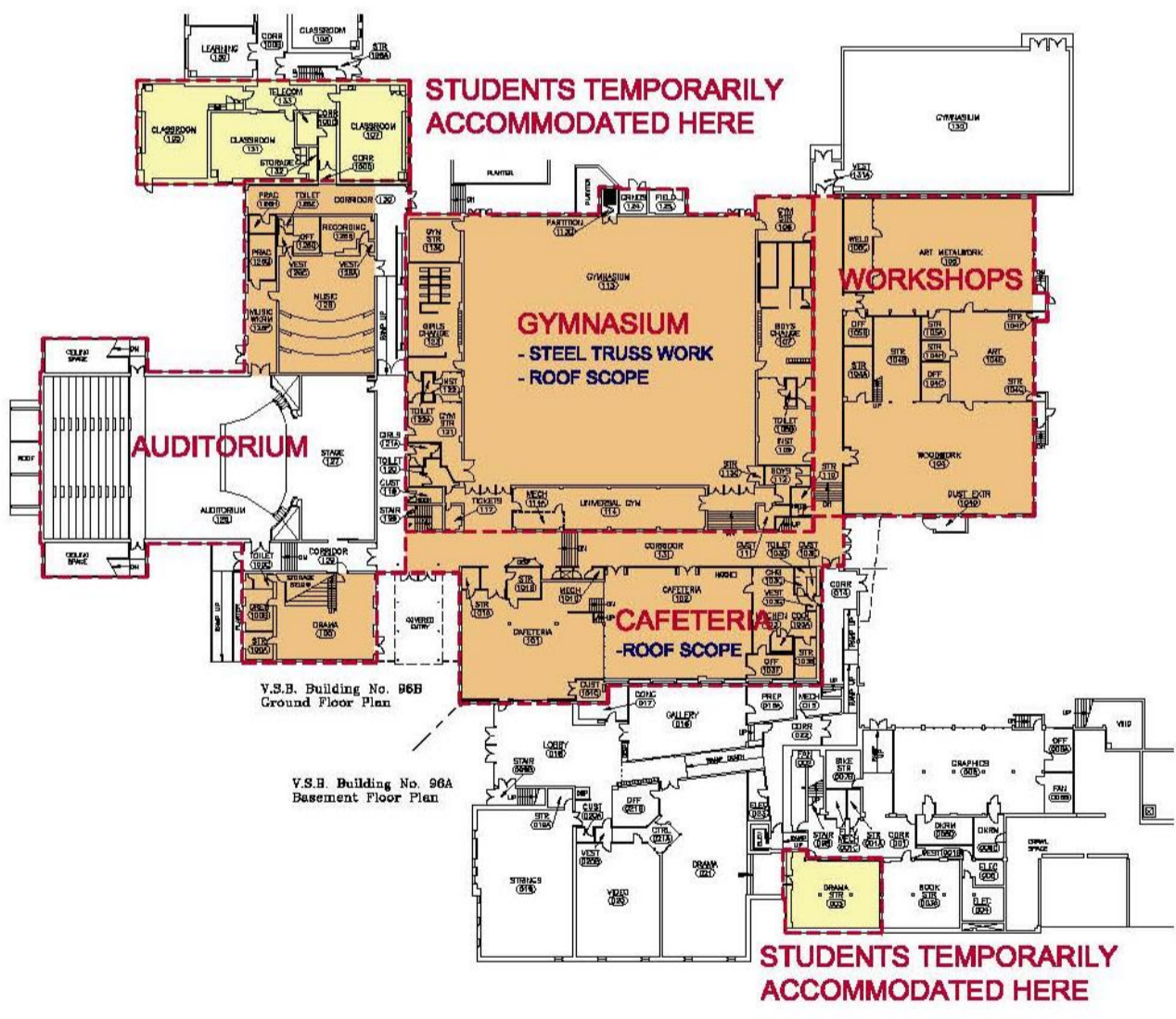
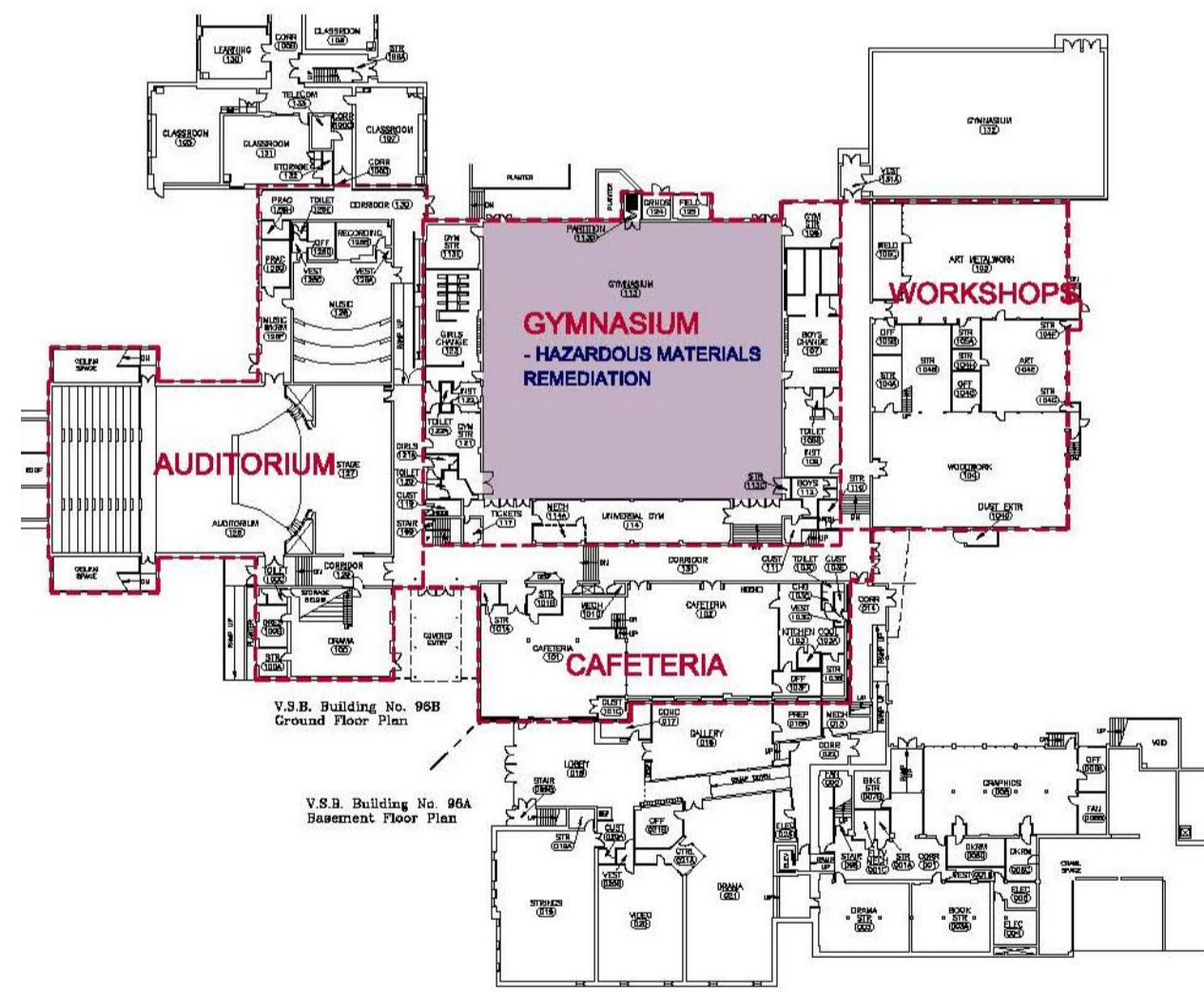
**PHASE 1**  
- SUMMER 2019 TO FALL 2019



**PHASE 2**  
- SUMMER 2020 TO FALL 2020



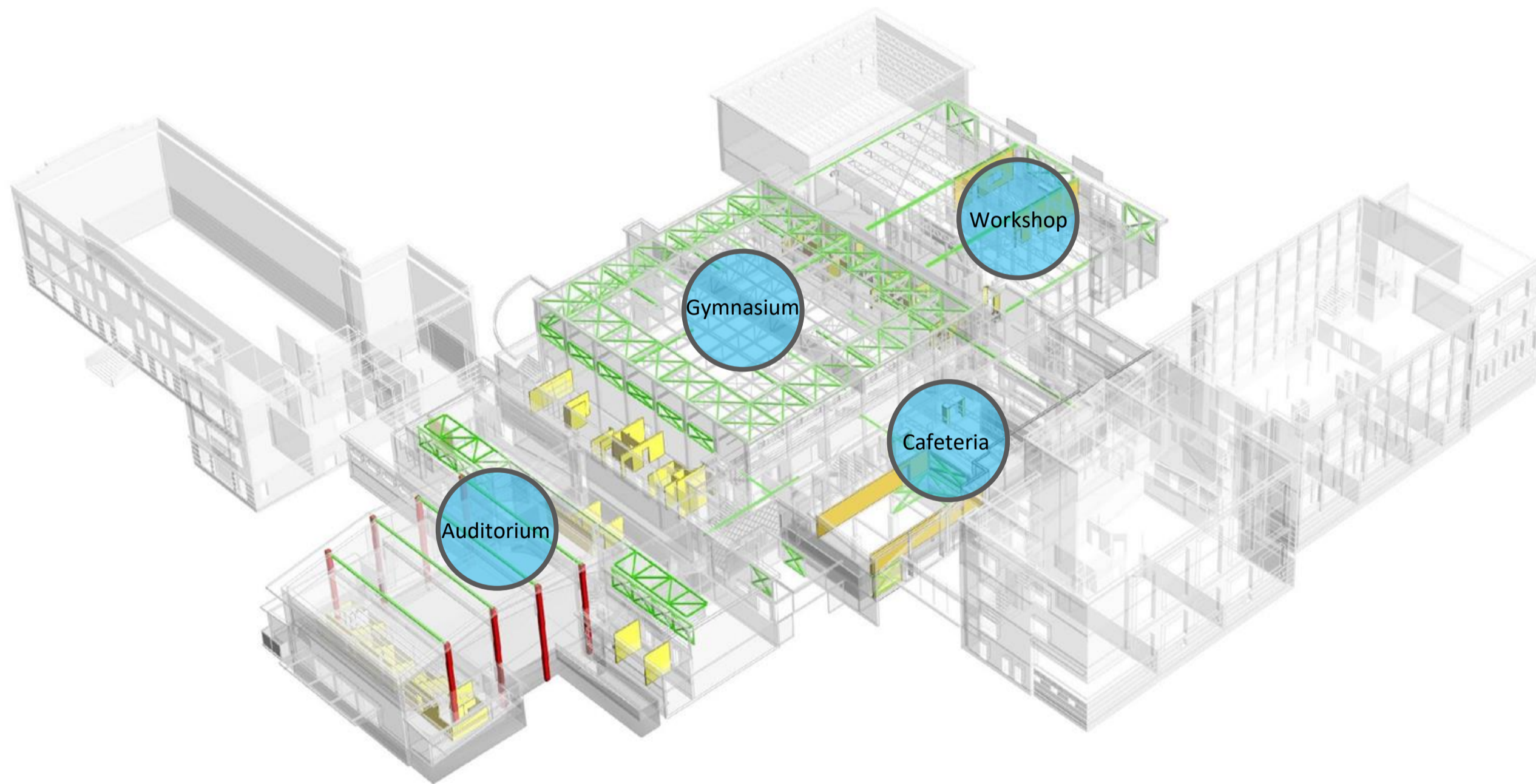
**PHASE 3**  
- FALL 2020 - SUMMER 2021


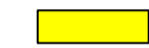



# 5

## Lord Byng Secondary School Seismic Upgrade Project

# SCOPE OF WORK



-  New Concrete Pilasters
-  New Wall
-  New Structural Steel

### Scope of Work due to Seismic Upgrade: Structural

- New concrete pilasters, structural steel and new shear walls

### Architectural

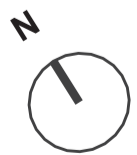
- Interior walls, ceiling and floor finishes will be replaced where impacted by seismic work

### Mechanical

- New piping and recirculation to all fixtures impacted by seismic work
- Existing fixtures will be replaced with low-flow fixtures

### Electrical

- Electrical systems will be replaced where impacted by seismic work
- New lighting installed where impacted by seismic work



April 04, 2019

Public Information Session

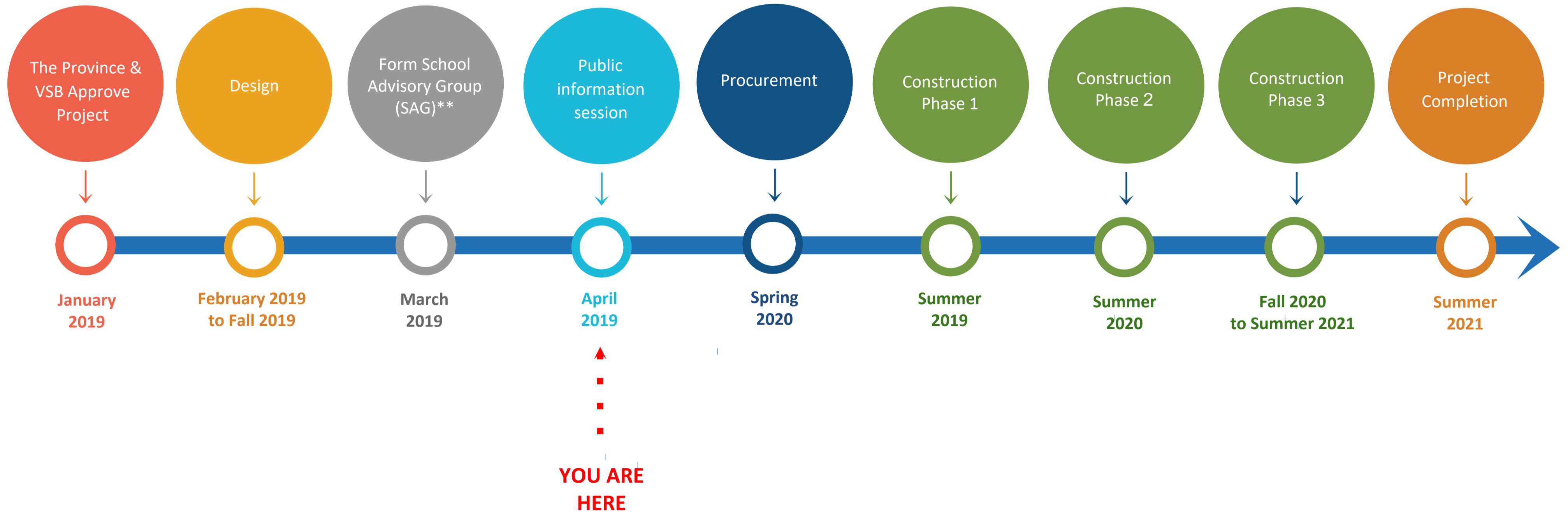


THE  
COLBORNE  
ARCHITECTURAL  
GROUP  
Pacific Inc.

# 6

## Lord Byng Secondary School Seismic Upgrade Project

### PROJECT TIMELINE *(Estimated)*



\*\* School Advisory Group consists of students, teachers, parent representatives and staff  
\*\* Staff from VSB will regularly engage with this group to gather input to design a school that meets the educational needs of the students and teachers

\*All dates are subject to Vancouver School Board and Ministry of Education approvals, as well as City of Vancouver permits

April 04, 2019

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