



Board of Education of School District No. 36 (Surrey)

Sketch Plan Presentation South Meridian Elementary School Addition

January 12th, 2022



McFarland Marceau | Architects

Introduction

SD36 Project Management Team

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Autumn Sweet

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McFarland Marceau Architects

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Michael Hammock

Amalie Lambert

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Lynda Reeve

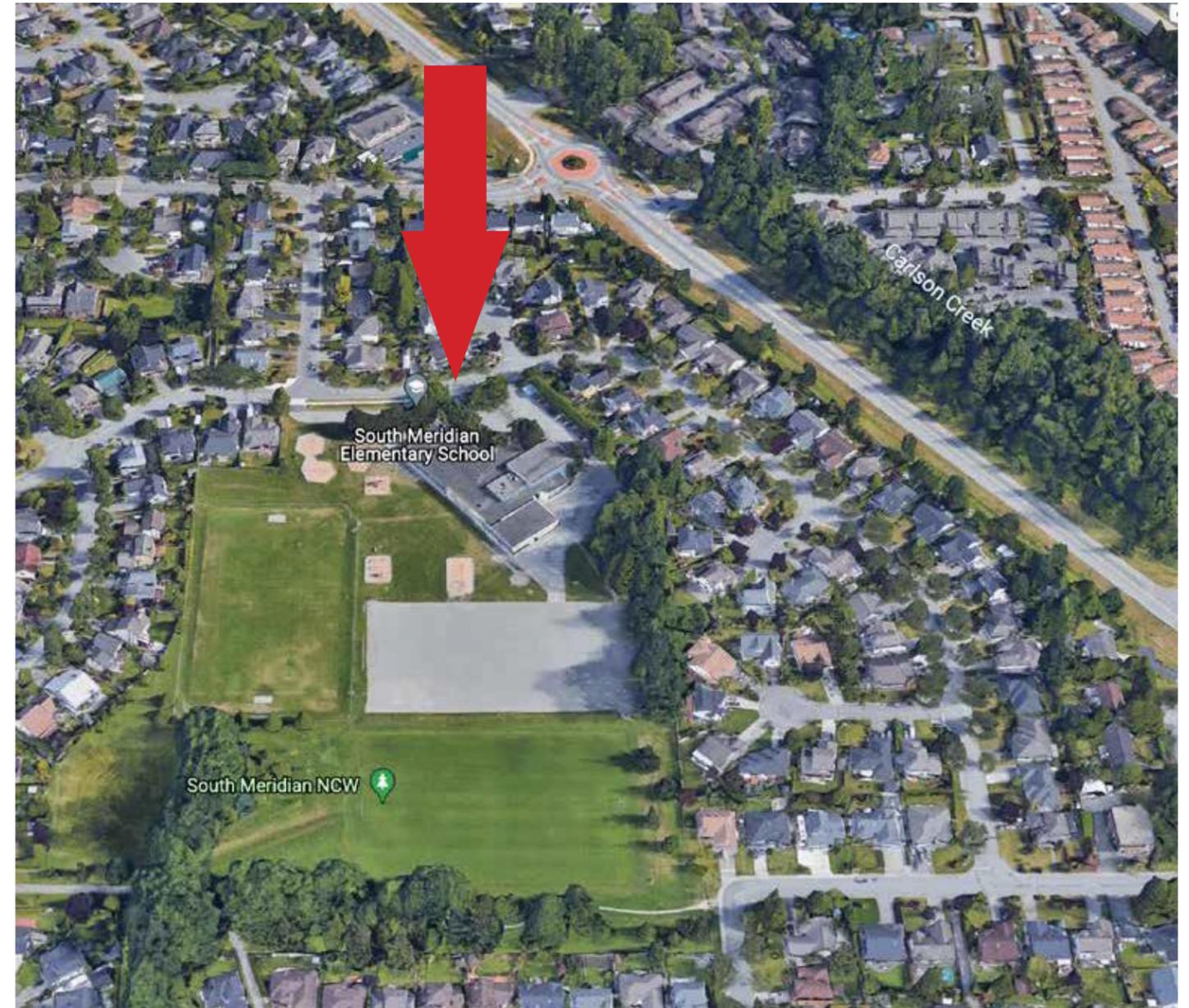
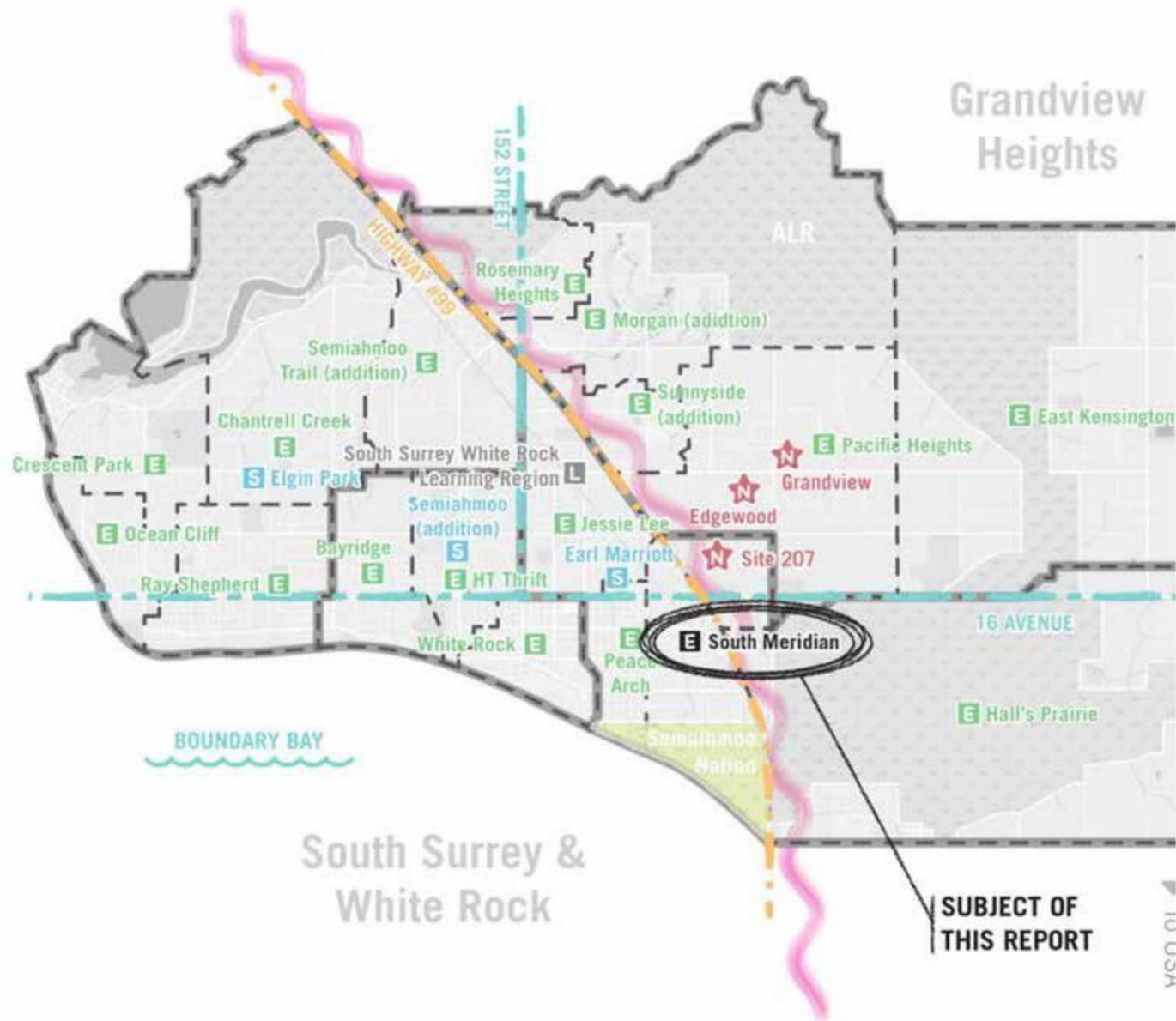
Arlene MacDonald

Agenda

1. Background
2. Approved Option
3. Design
4. Schedule

Background

Context Plan



SOUTH MERIDIAN ELEMENTARY SCHOOL ADDITION

Background

Current capacity

40 Kindergarten

250 Elementary (10 classrooms)

Proposed additional capacity

200 Elementary (8 classrooms)

Total final capacity

40 Kindergarten

450 Elementary

 Existing Building

 Portables

 Play Structures



EXISTING SITE PLAN

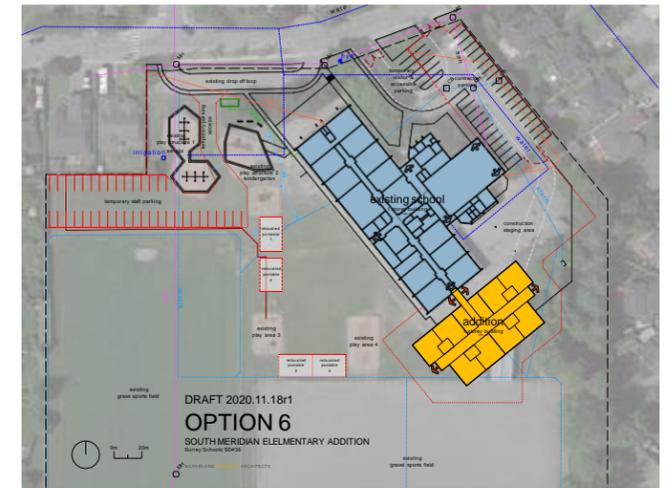
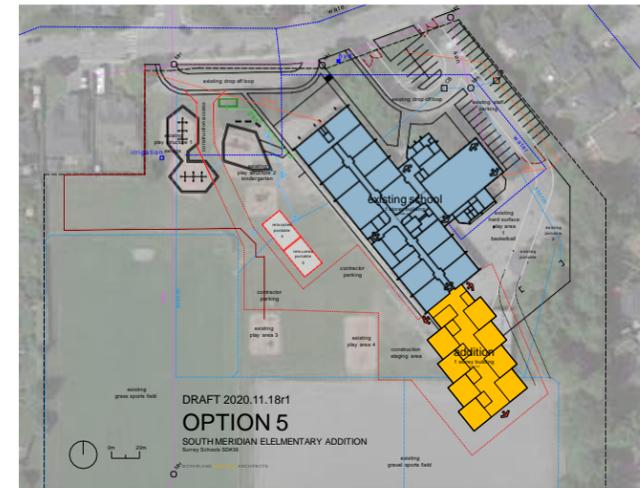
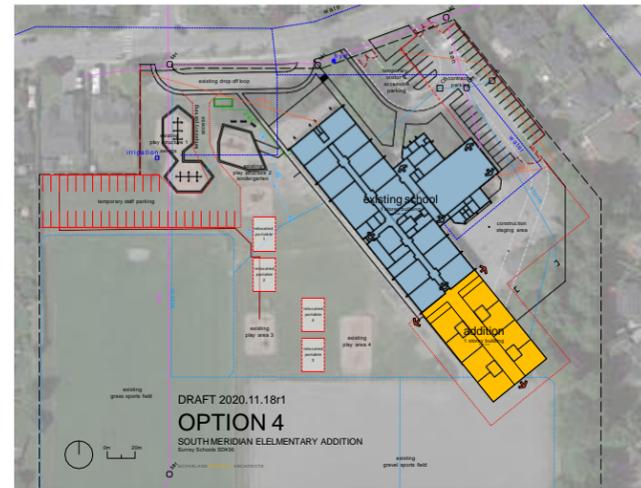
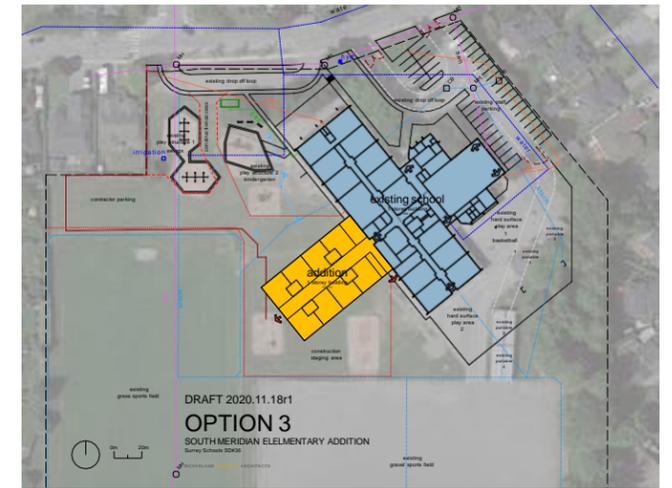
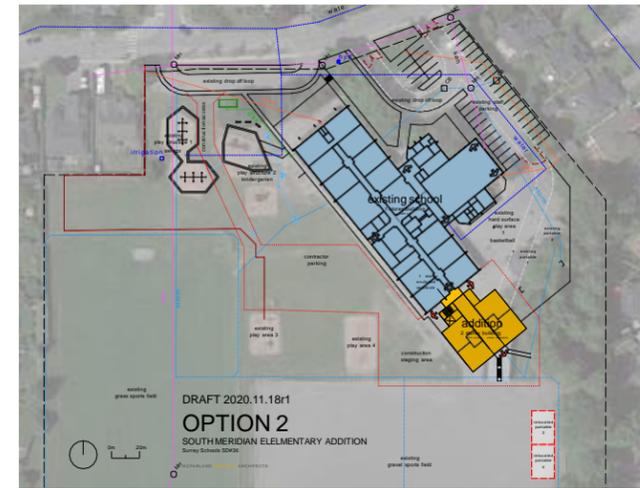
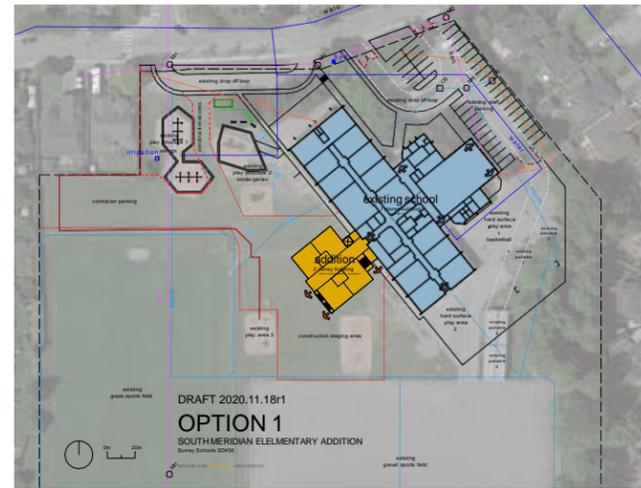
SOUTH MERIDIAN ELEMENTARY SCHOOL ADDITION

Background

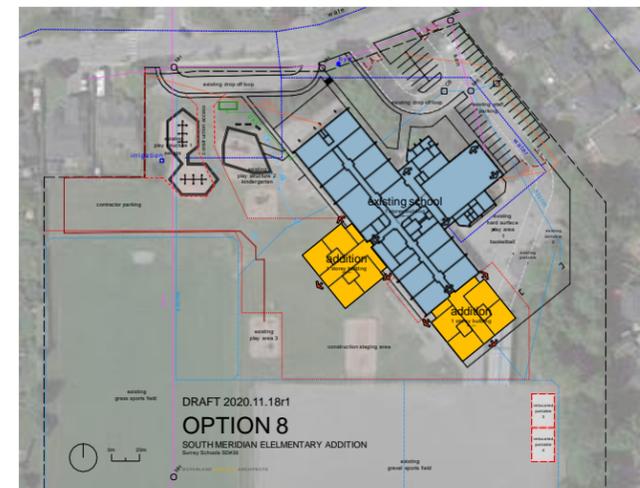
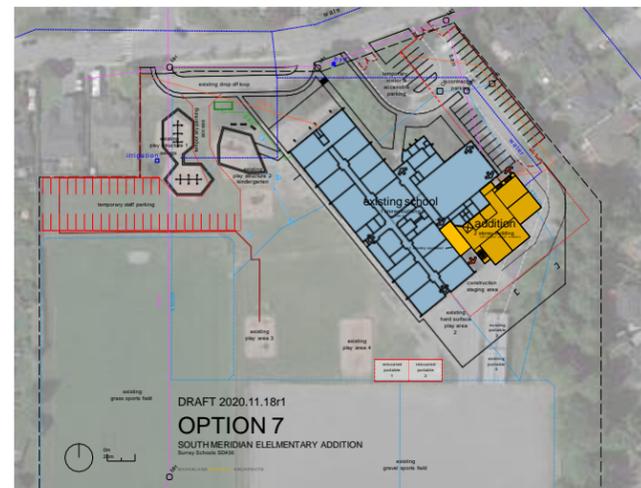
Options

Feasibility Study

8 options explored and analyzed against temporary impacts (during construction) and permanent impacts.



- Existing Building
- New 8 Classroom Addition



Approved Option

Compact 2-storey addition south east of existing building

Best option overall in terms of temporary and permanent impacts.

- Best land use and health & safety
- Least impact on existing trees
- Least impact on existing play areas
- Least impact on existing structure
- Least impact on fire protection needs

- Existing Building
- New 8 Classroom Addition
- Play Structures



APPROVED SITE PLAN

Approved Option

Preparatory work

Summer 2022

- Portables are relocated
- Swing sets are relocated

- Existing Building
- Portables
- New 8 Classroom Addition
- Play Structures
- Scope summer 2022



APPROVED SITE PLAN

SOUTH MERIDIAN ELEMENTARY SCHOOL ADDITION

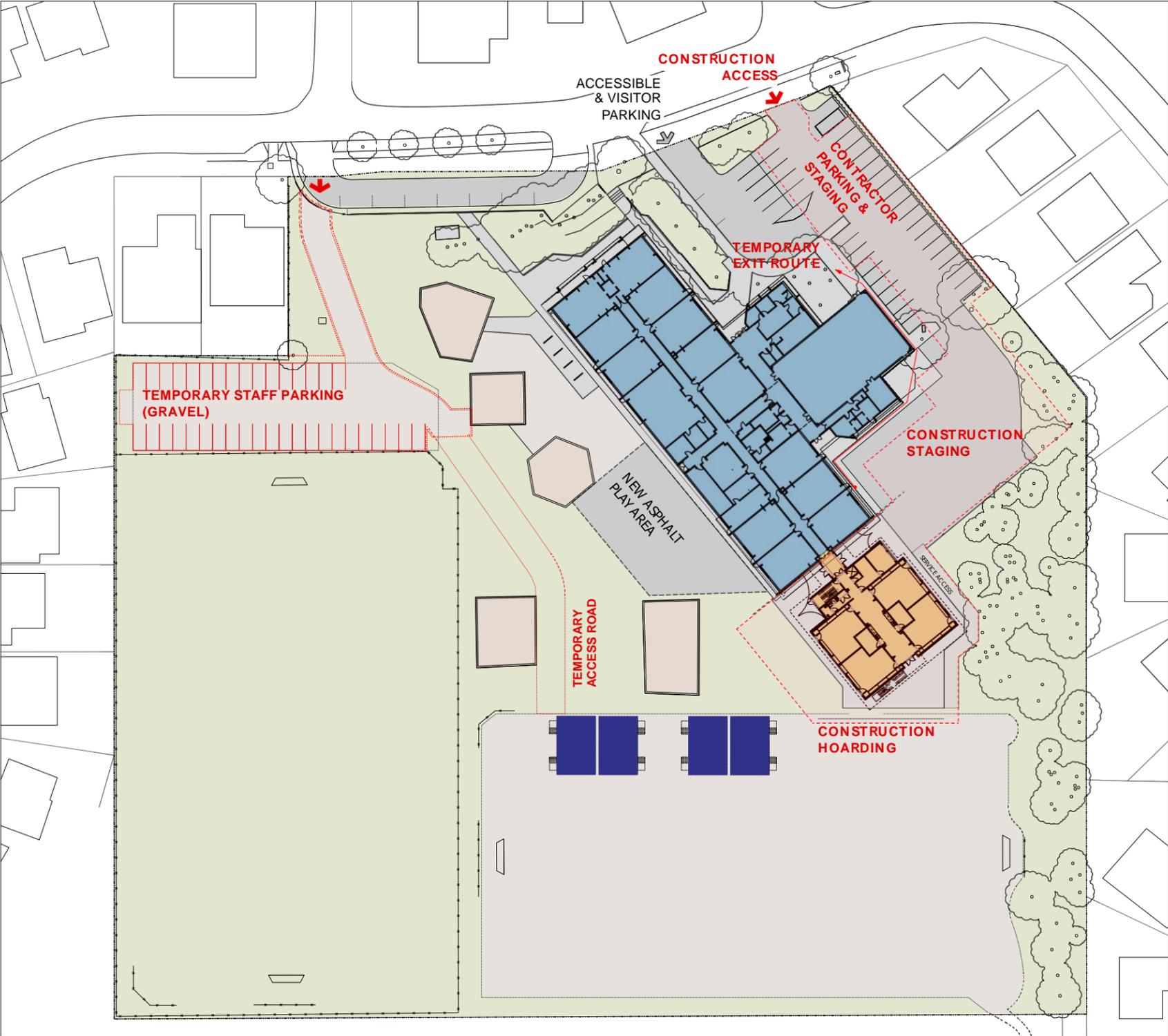
Approved Option

Site use during construction

Spring 2023

- Construction begins

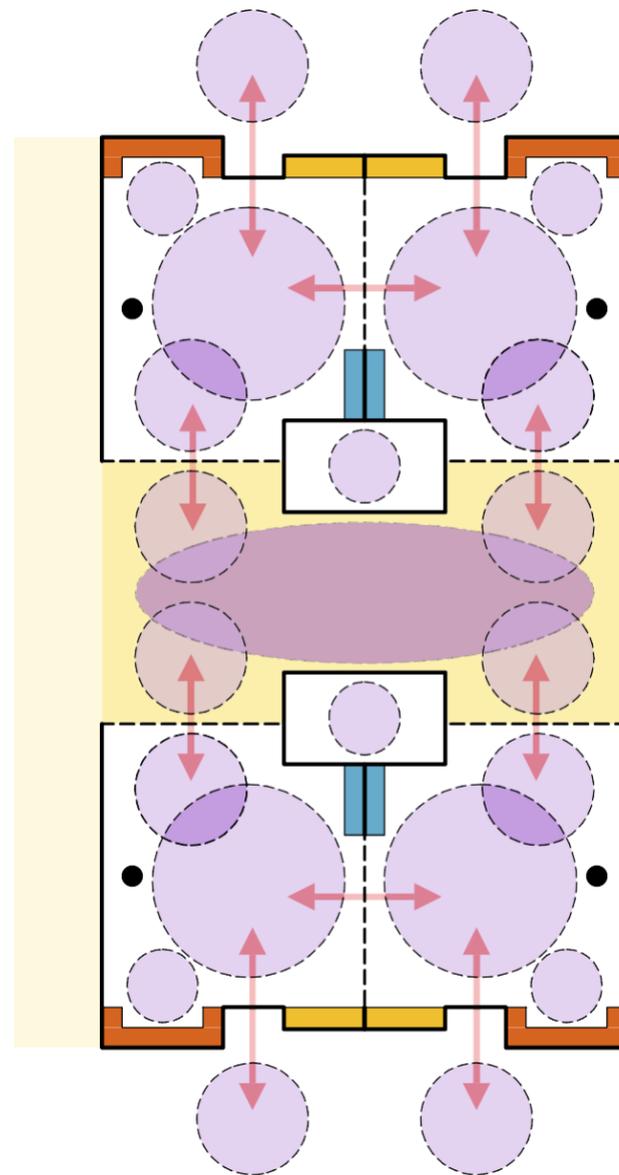
- Existing Building
- Relocated Portables
- New 8 Classroom Addition
- Play Structures
- Construction 2023/24



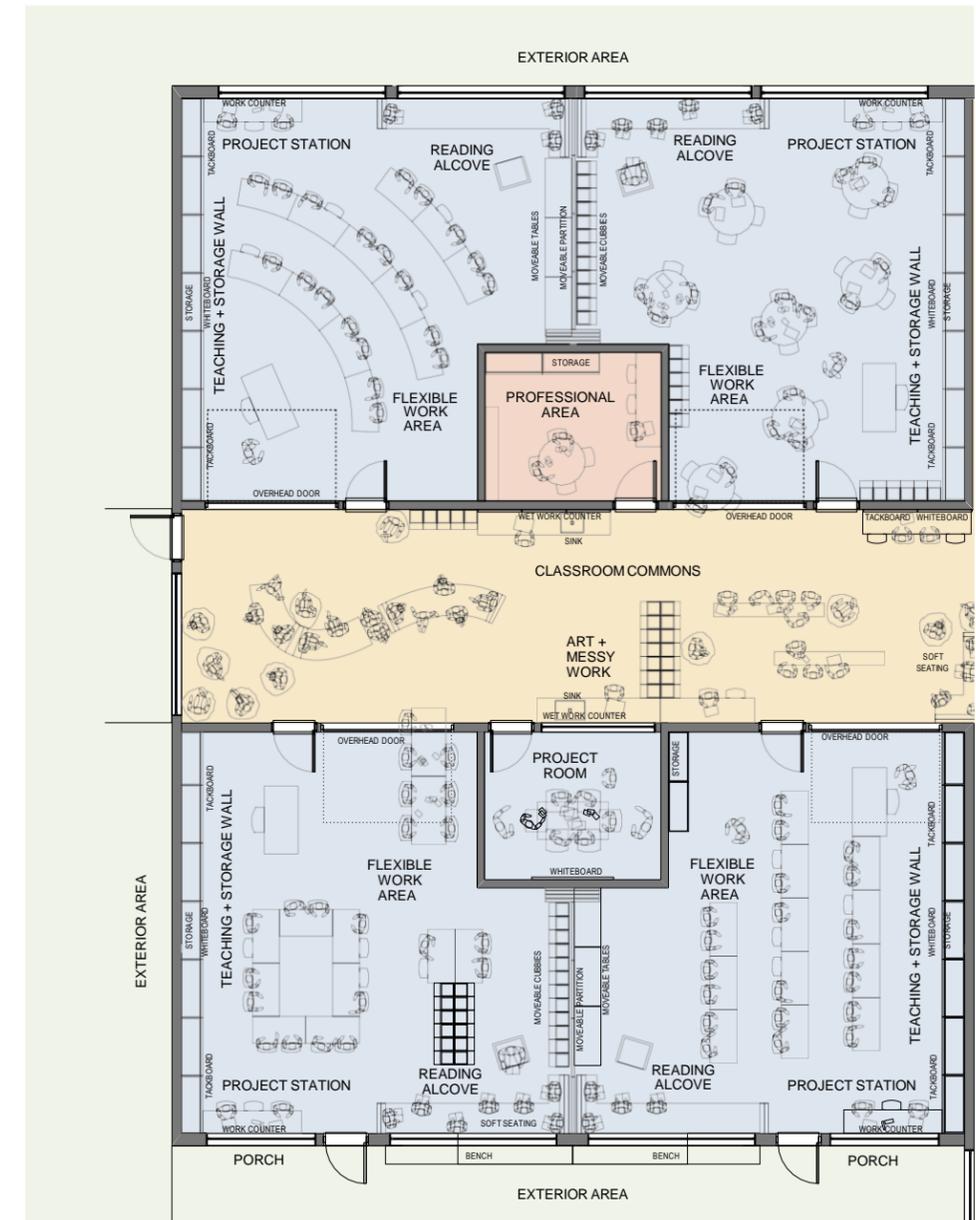
APPROVED SITE PLAN

Design Objectives

1. Provide an exceptional facility for 21st century learning
2. Create a modern architectural expression in harmony with the existing building
3. Provide an easy flow between the new and existing buildings, and between inside and outside



21st century classroom pod - flexible and interconnected



Design

Main Floor Plan

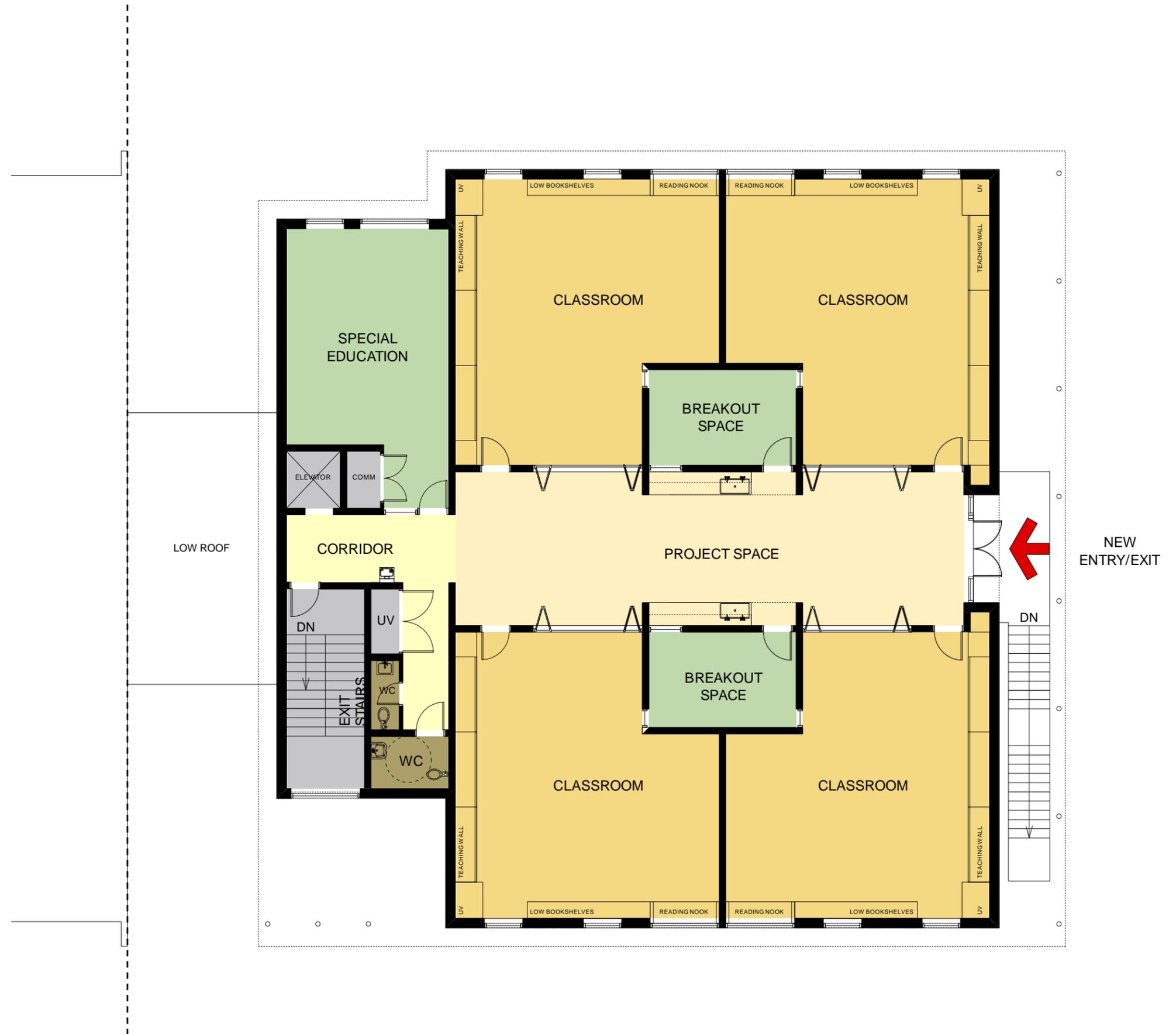
- Existing Building
- Corridor
- Project Space
- Classrooms
- Special ed & project rooms
- Services / circulation



Design

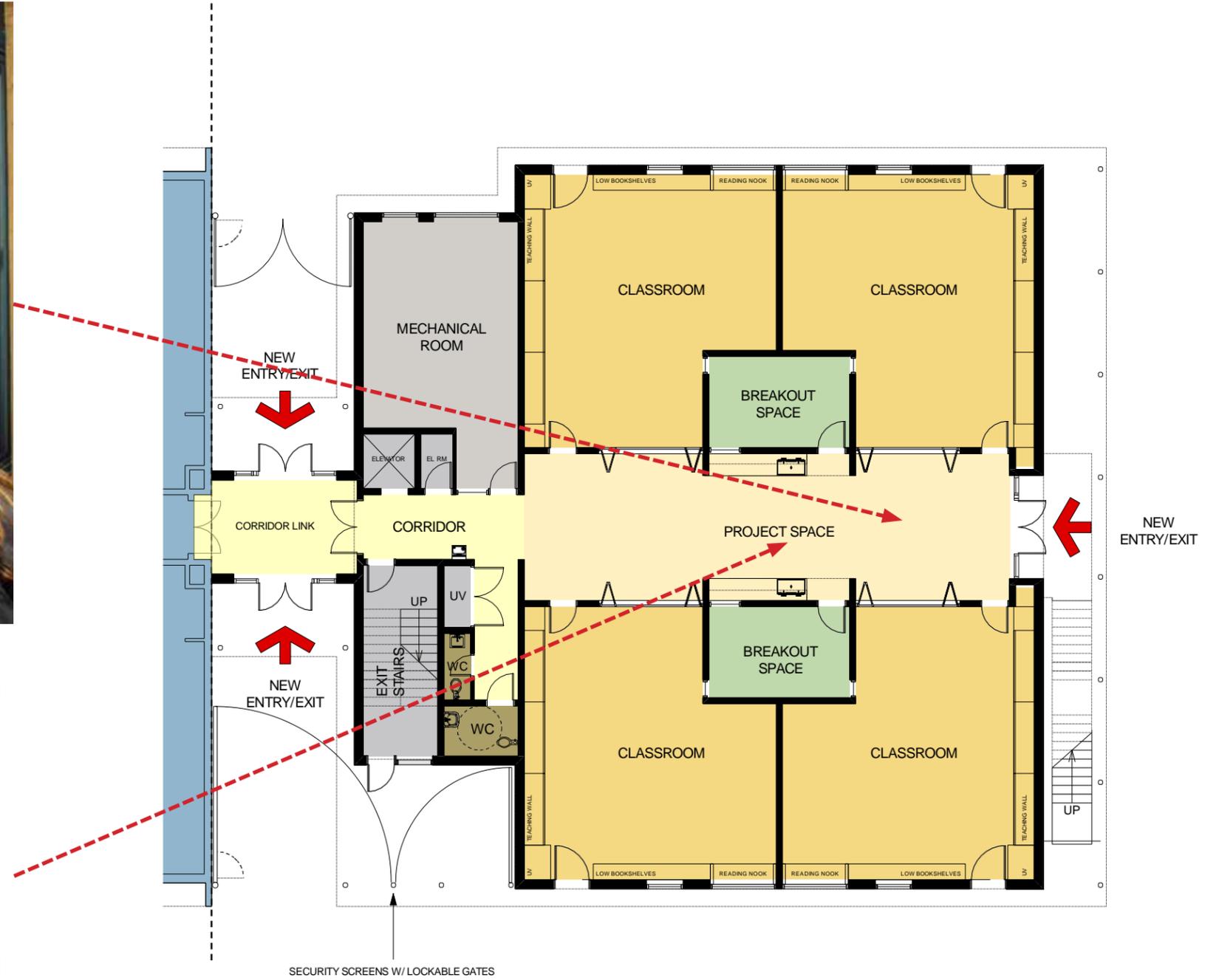
Second Floor Plan

- Existing Building
- Corridor
- Project Space
- Classrooms
- Special ed & project rooms
- Services / circulation



Design

Project Space



Design Elevations



Southwest elevation

Existing school New addition

Proposed exterior cladding

Fibre cement panels using a colour sympathetic to existing cladding colour



Northeast elevation

New addition Existing school

Design

Perspective from the southwest



Design

Perspective from the northeast



Design

Project Space



Schedule

South Meridian Elementary School Addition
Project Schedule

	2021				2022												2023												2024												
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Design																																									
Schematic Design	Schematic 4 mo.																																								
Design Development					Development 3 mo.																																				
Working Drawings										Working drawings 5 mo.																															
Approvals																																									
BP Submission																																									
BP Process																																									
Construction																																									
Tender																																									
Construction																																									
Occupancy																																									
SD 36 Takeover																																									
School opening Sept 2024																																									
																																									Opening

Current project status

Thank you!