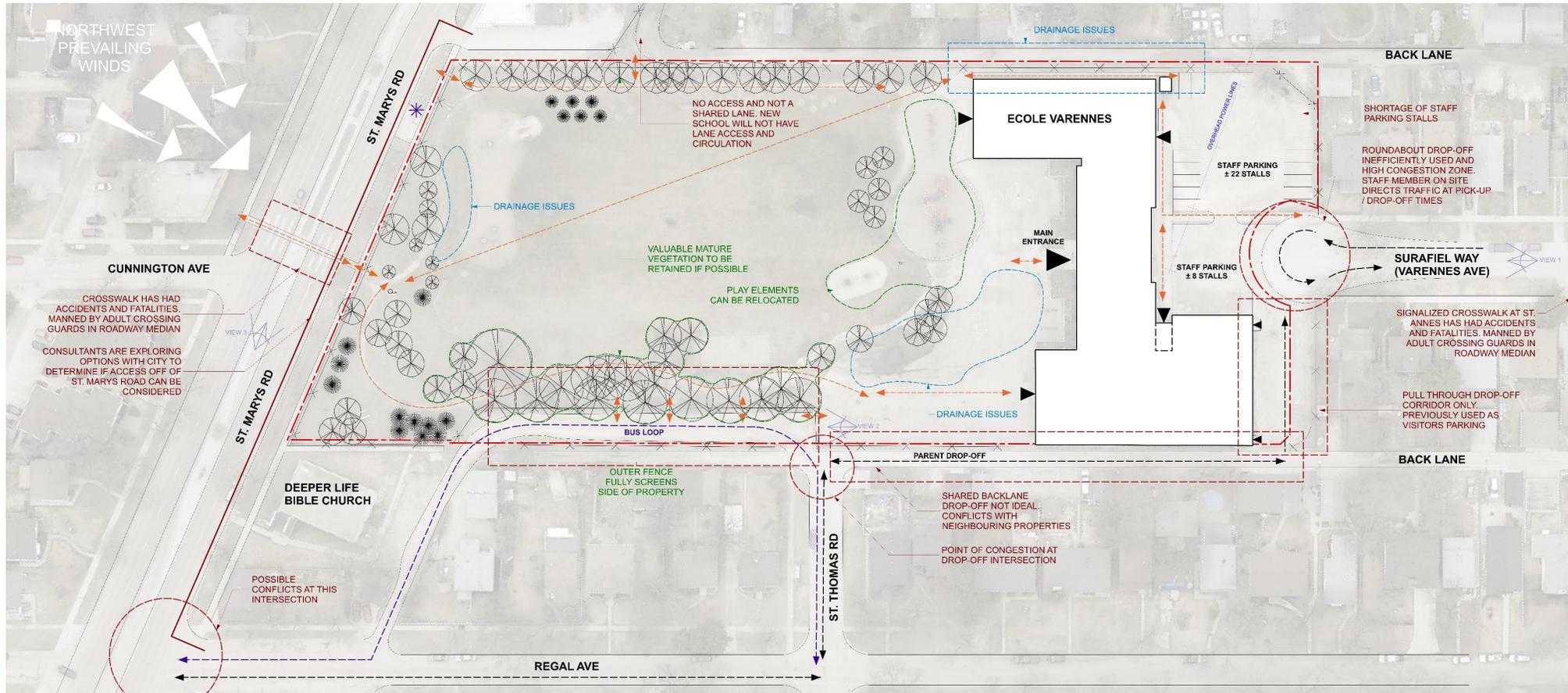




**HTFC**  
PLANNING & DESIGN



# Presentation of Concepts



**SITE PHOTOS**

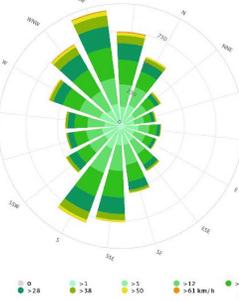


**LEGEND**

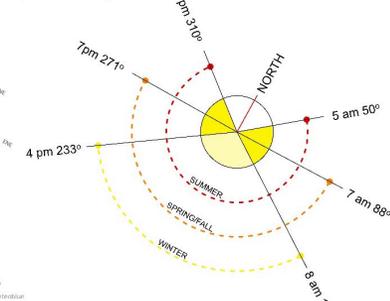
- PEDESTRIAN CIRCULATION
- VEHICLE CIRCULATION
- BUS CIRCULATION
- SPECIAL EDUCATION BUS CIRCULATION
- \* BUS STOPS



**WIND ANALYSIS**  
(from meteoblue.com)

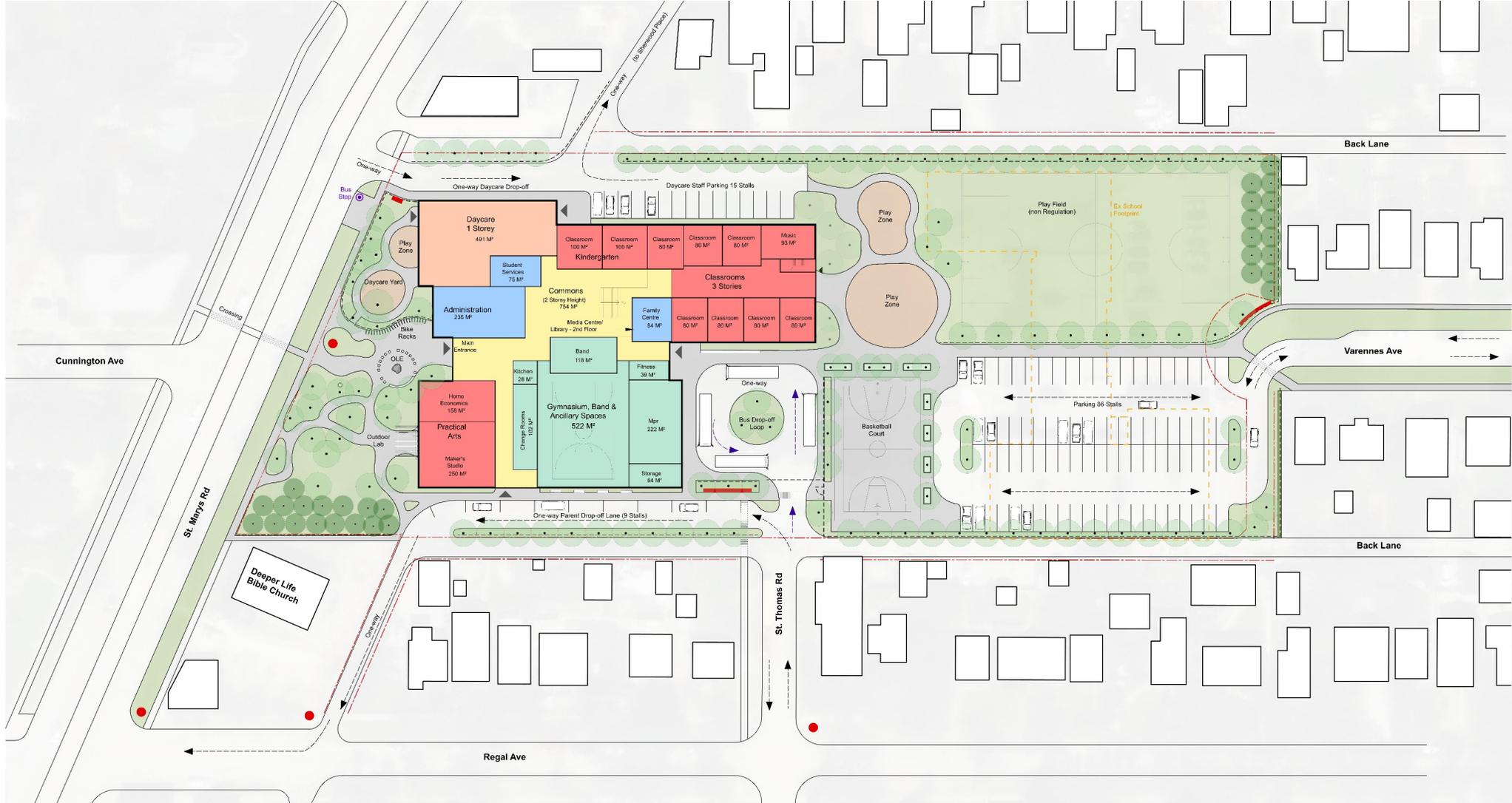


**SUN PATH ANALYSIS**  
(from suncalc.org)



**SITE ANALYSIS**

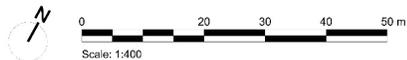




**Legend**

- |  |               |  |                                       |  |                     |  |                 |  |                |  |   |
|--|---------------|--|---------------------------------------|--|---------------------|--|-----------------|--|----------------|--|---|
|  | Property Line |  | Play Space                            |  | Vehicle Circulation |  | Crossing        |  | Administration |  | Classroom, Kindergarten, Practical Arts |
|  | Softscape     |  | Directional Signage / Feature Signage |  | Bus Circulation     |  | Coniferous Tree |  | Commons        |  | Fitness                                 |
|  | Hardscape     |  | Bike Racks                            |  | Fence               |  | Deciduous Tree  |  | Daycare        |  |   |

**CONCEPT MASTER PLAN - OPTION 1**





## Program

20 x Classrooms:	80 sq m
2 x Kindergarten Classrooms:	100 sq m
1 x Science Classroom:	93 sq m
1 x Art Room:	93 sq m
1 x Language Program Classroom:	80 sq m
1 x EAL:	80 sq m
1 x Band Room:	118 sq m
1 x Music Room:	93 sq m
1 x Multipurpose Home Economics:	158 sq m
1 x Indust. Arts/Manufacturing Lab (Maker's Studio):	250 sq m
1 x Multi-Purpose Room (MPR):	222 sq m
1 x Media Centre/Library/Commons:	754 sq m
1 x Gymnasium:	522 sq m
1 x Fitness/Wellness Health Facility:	39 sq m
1 x Kitchen:	29 sq m
1 x Administration:	236 sq m
1 x Student Services:	75 sq m
1 x Family Centre:	84 sq m
1 x Daycare:	491 sq m

## Project Information

Storeys: 3

Total Area: 6,345.3 sq m (68,300 sq ft)

Main Floor: 4,255.9 sq m

Second Floor: 1,069.5 sq m

Third Floor: 1,019.9 sq m

## Parking Statistics

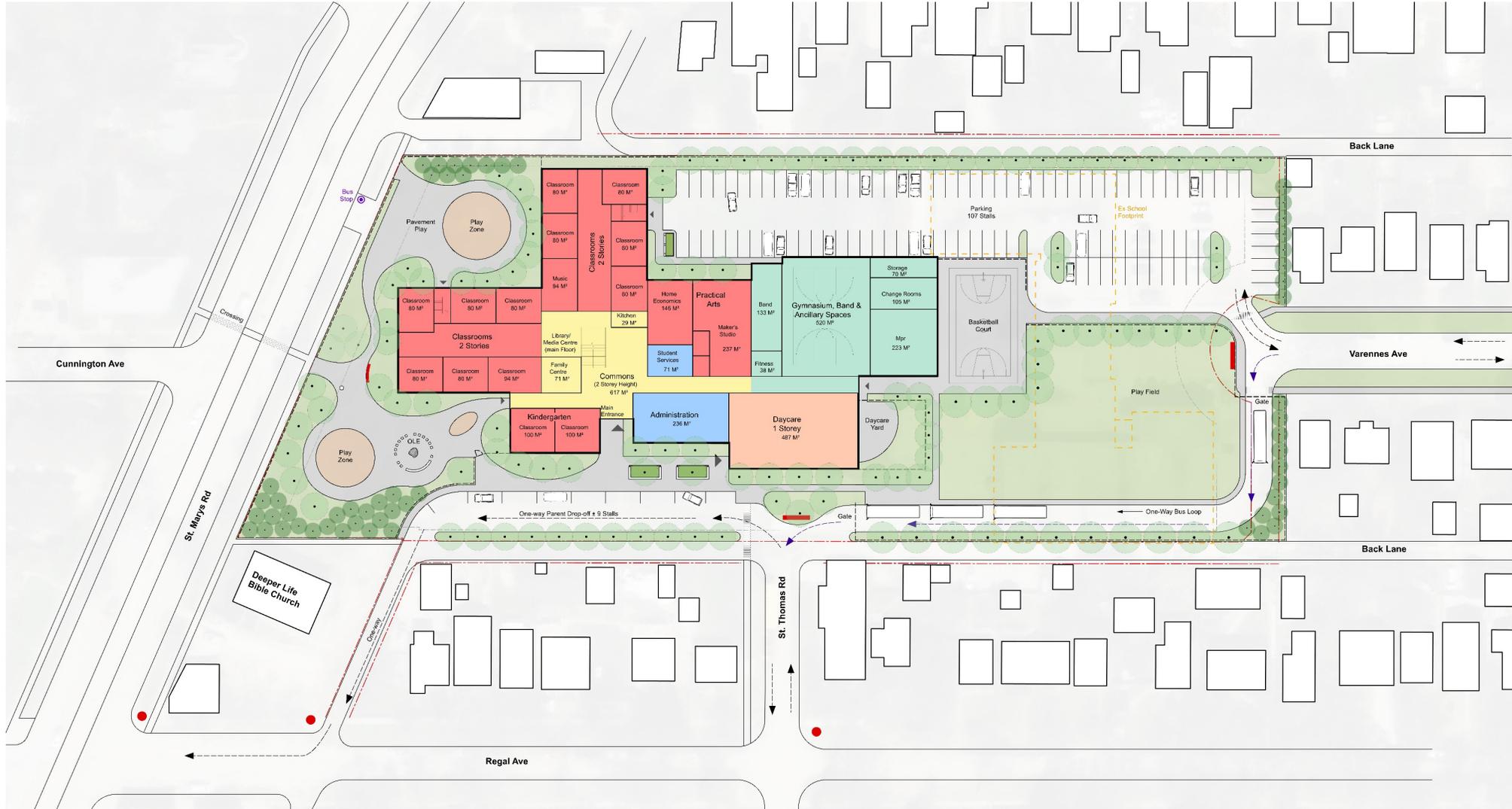
Projected 2022 staff / student counts provided by LRSD as follows:  
-79 Faculty, 15 Casual Staff

Zoning Requirements: 1 stall per 2 faculty, 1 per 4 employees  
= 40 Faculty Stalls, 4 Casual Staff

Total Required: 44 Stalls for Students / Faculty  
Total Parking Provided: 106 Stalls for Students / Faculty



## CONCEPT MASTER PLAN - OPTION 1



**Legend**

- |  |                |  |                                       |  |                     |  |                 |  |                |  |   |
|--|----------------|--|---------------------------------------|--|---------------------|--|-----------------|--|----------------|--|---|
|  | Property Line  |  | Play Space                            |  | Vehicle Circulation |  | Crossing        |  | Administration |  | Classroom, Kindergarten, Practical Arts |
|  | Softscape      |  | Directional Signage / Feature Signage |  | Bus Circulation     |  | Coniferous Tree |  | Commons        |  | Fitness                                 |
|  | Hardscape      |  | Bike Racks                            |  | Fence               |  | Deciduous Tree  |  | Daycare        |  |   |
|  | Raised Planter |  |                                       |  |                     |  |                 |  |                |  |   |

**CONCEPT MASTER PLAN - OPTION 2**





## Program

20 x Classrooms:	80 sq m
2 x Kindergarten Classrooms:	100 sq m
1 x Science Classroom:	93 sq m
1 x Art Room:	93 sq m
1 x Language Program Classroom:	80 sq m
1 x EAL:	80 sq m
1 x Band Room:	133 sq m
1 x Music Room:	94 sq m
1 x Multipurpose Home Economics:	146 sq m
1 x Indust. Arts/Manufacturing Lab (Maker's Studio):	237 sq m
1 x Multi-Purpose Room (MPR):	223 sq m
1 x Media Centre/Library/Commons:	617 sq m
1 x Gymnasium:	520 sq m
1 x Fitness/Wellness Health Facility:	38 sq m
1 x Kitchen:	29 sq m
1 x Administration:	236 sq m
1 x Student Services:	71 sq m
1 x Family Centre:	71 sq m
1 x Daycare:	487 sq m

## Project Information

Stores: 2

Total Area: 6,301.8 sq m (67,832 sq ft)

Main Floor: 4,600.4 sq m

Second floor: 1,701.4 sq m

## Parking Statistics

Projected 2022 staff / student counts provided by LRSD as follows:  
-79 Faculty, 15 Casual Staff

Zoning Requirements: 1 stall per 2 faculty, 1 per 4 employees  
= 40 Faculty Stalls, 4 Casual Staff

Total Required: 44 Stalls for Students / Faculty  
Total Parking Provided: 116 Stalls for Students / Faculty



## CONCEPT MASTER PLAN - OPTION 2





## Program

23 x Classrooms:	80 sq m
2 x Kindergarten Classrooms:	100 sq m
1 x Science Classroom:	93 sq m
1 x Art Room:	93 sq m
1 x Language Program Classroom:	80 sq m
1 x EAL:	80 sq m
1 x Band Room:	119 sq m
1 x Music Room:	93 sq m
1 x Multipurpose Home Economics:	150 sq m
1 x Indust. Arts/Manufacturing Lab (Maker's Studio):	228 sq m
1 x Multi-Purpose Room (MPR):	225 sq m
1 x Resource Centre/Commons:	789 sq m
1 x Gymnasium:	521 sq m
1 x Fitness/Wellness Health Facility:	44 sq m
1 x Kitchen:	29 sq m
1 x Administration:	236 sq m
1 x Student Services:	94 sq m
1 x Family Centre:	72 sq m
1 x Daycare:	486 sq m

## Project Information

Stores: 3

Total Area: 6,773.5 sq m (72,909 sq ft)  
 Main Floor: 4,462.7 sq m  
 Second Floor: 1,155.4 sq m  
 Third Floor: 1,155.4 sq m

## Parking Statistics

Projected 2022 staff / student counts provided by LRSD as follows:  
 - 79 Faculty, 15 Casual Staff

Zoning Requirements: 1 stall per 2 faculty, 1 per 4 employees  
 = 40 Faculty Stalls, 4 Casual Staff

Total Required: 44 Stalls for Students / Faculty  
 Total Parking Provided: 85 Stalls for Students / Faculty



# CONCEPT MASTER PLAN - OPTION 3