



Strasburg School District 31J

# Strasburg Elementary School

Programming/Conceptual Design

Design Advisory Group #3

February 18, 2021



# Meeting Agenda

1. Agenda / Attendance Sheet
2. DAG Guidelines / Meeting Norms
3. Project Overview
4. Revised Floor Plan/Site Plan
5. Design Concept Overview
6. Massing Perspectives



# DAG Meeting Norms

- Attendance is expected at all scheduled meetings.
- The meetings will start and end on time with duration of **1 hour** (typical).
- Group members should be on time and expect to remain for the entire meeting.
- The purpose of each meeting will be defined; members are requested to come prepared to discuss the topic.
- The students' interests come first.
- Committee members will operate and work towards consensus on all issues. All agree to support the solutions and decisions of the group.
- Committee members are requested to focus on solutions that address the needs of Strasburg Elementary School as a whole.
- Minutes of each meeting will be distributed by email within one week of meeting date.
- All members are to speak up in an open forum- all points of view will be heard and valued.
- All participants will be treated with mutual respect.
- Members of the committees will operate on a first name basis.

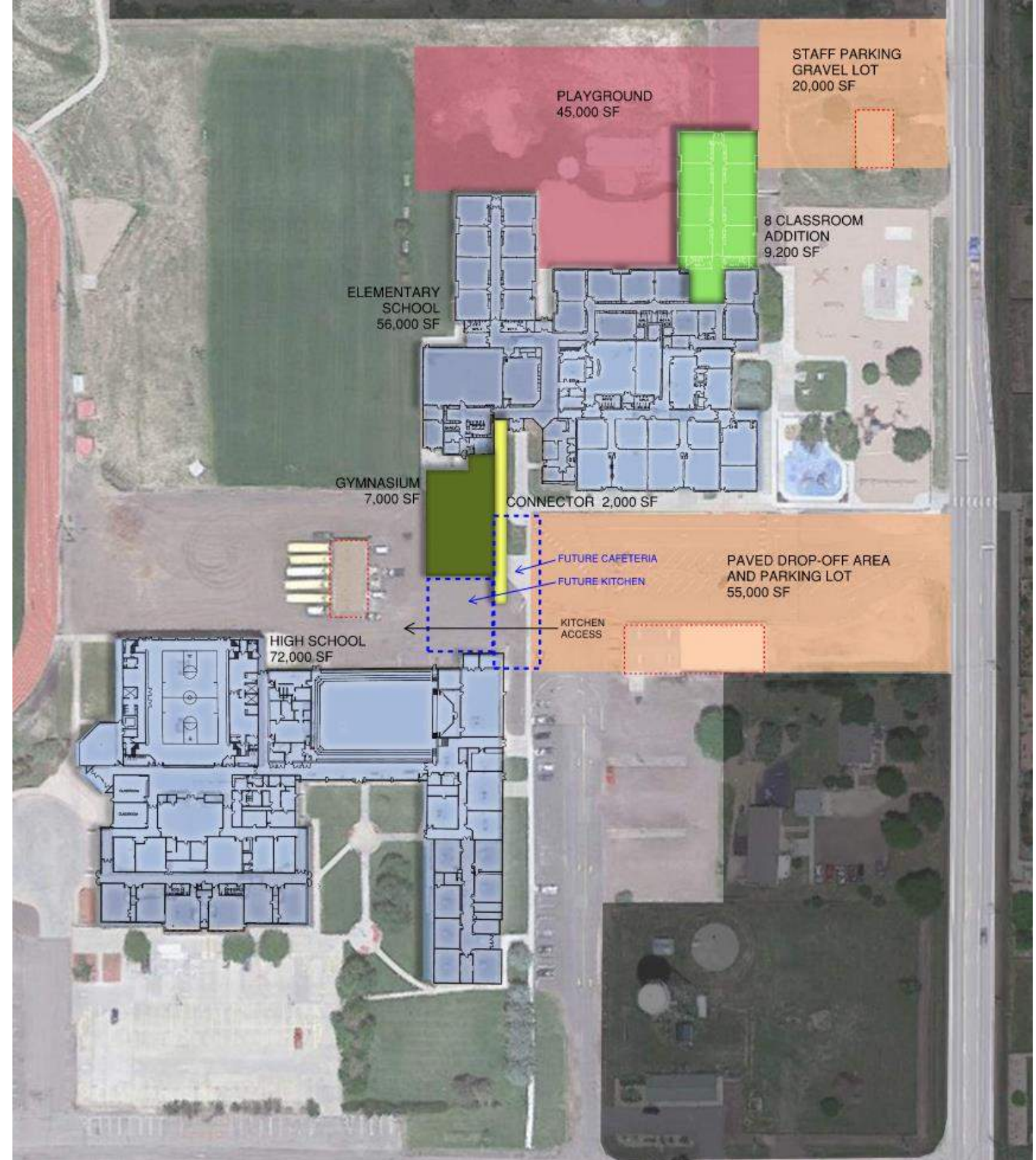


# Project Overview

Excerpt from Selected Masterplan Option B 07.28.2020 ⇒

## Masterplan Scope of Work: Strasburg Elementary School

- Build 8 elementary school classrooms (9,200 sf Addition)
- Add 45,000 sf playground area for grades 2-5
- 55,000 sf of paving to create safe bus and parent drop off areas
- 50,000 sf of gravel parking area for staff and visitors
- Build a shared gymnasium for elementary school and high school students
- Improve security with corridor connection
















# Project Schedule

## Schedule

Schematic Design Phase	November 2020 – February 2021
Design Development Phase	February 2021 – April 2021
Construction Documents Phase	April 2021 – June 2021
Bidding	June 2021 – July 2021
Construction	August 2021 – June 2022

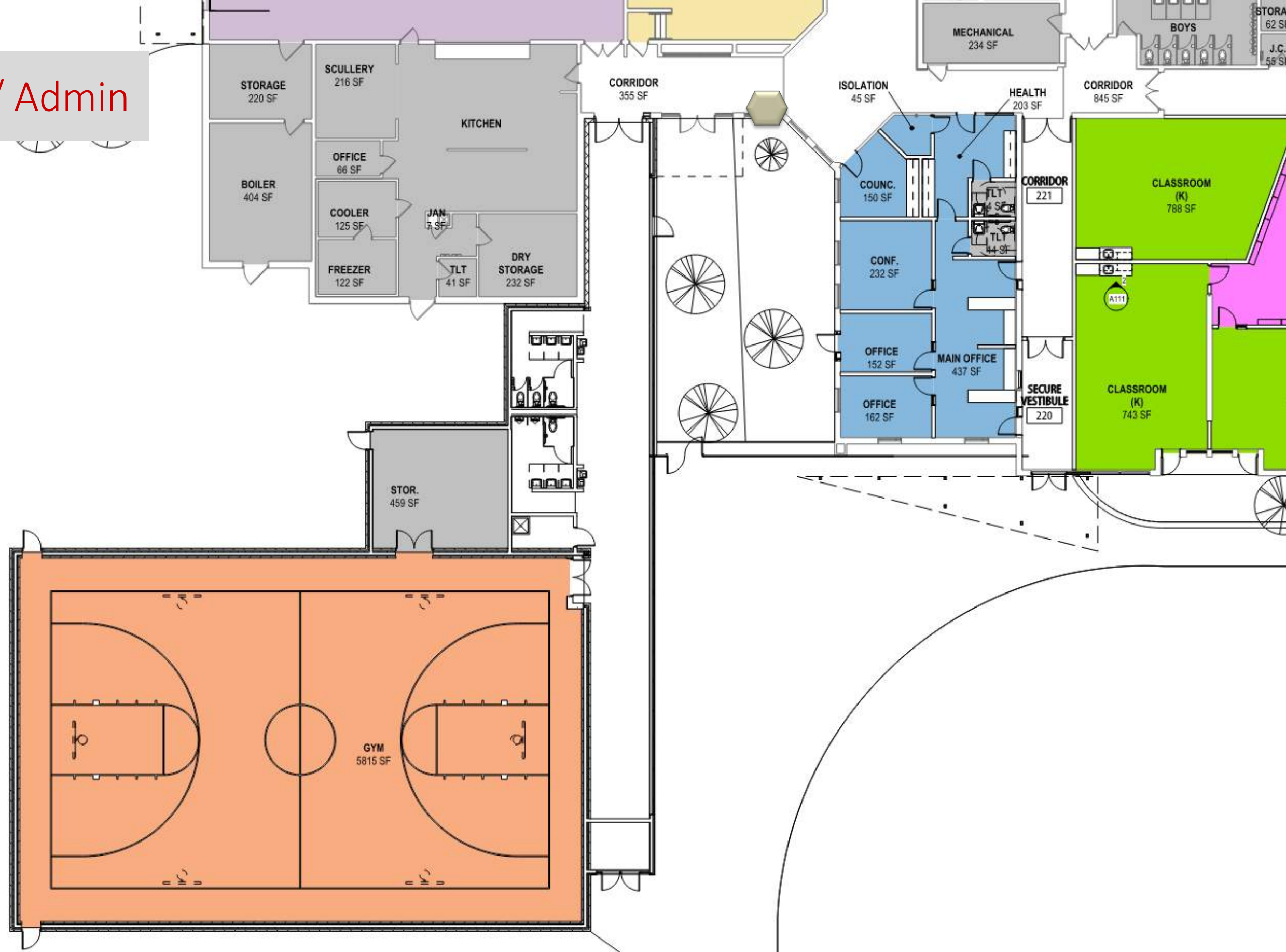


# Overall Floor Plan

- |  |              |  |                            |
|--|--------------|--|----------------------------|
|    | Pre-K        |   | Administration             |
|    | Kindergarten |   | Art/Music                  |
|    | 1st Grade    |   | Dining/Common              |
|    | 2nd Grade    |   | Instructional Areas        |
|    | 3rd Grade    |   | Library Information Center |
|   | 4th Grade    |  | Support                    |
|  | 5th Grade    |  |                            |



# Gym Addition / Admin



# Kinder / Pre-K / Library





# Classrooms / Art Room



# Classroom Addition



# Design Concept

core idea that guides the design throughout the project

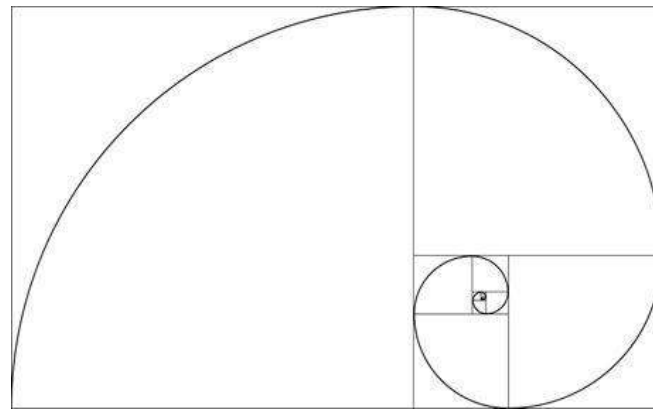


# MAGNIFYING OUR NATURAL WORLD



**SPIRAL**

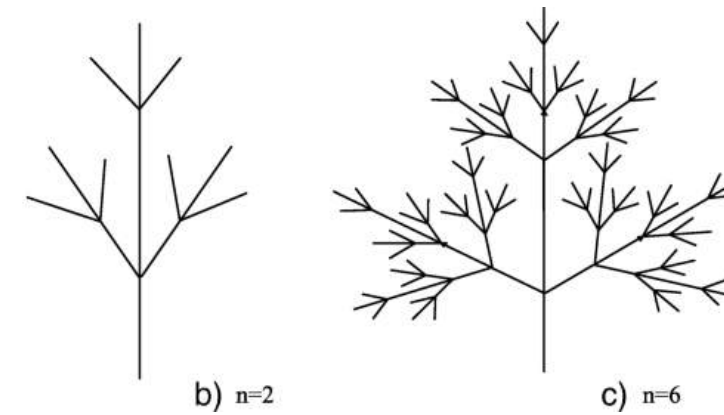
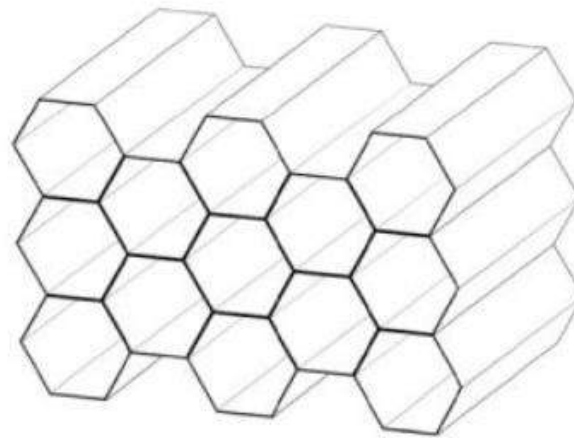
- spider web
- shell
- Pinecone
- flower



**5 NATURAL PATTERNS/STRUCTURES  
COMMON IN THE EVERYDAY  
NATURAL WORLD**

**HEXAGON**

- fly eye
- Honeycomb
- snowflake

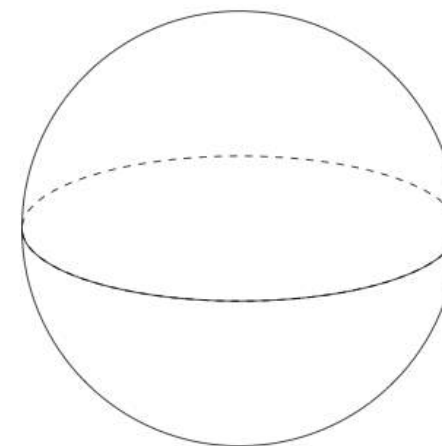
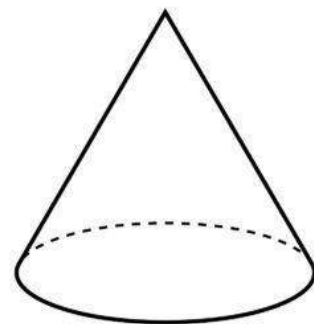


**FRACTAL**

- wing structure
- Leaves
- Ice crystals

**WEDGE/CONE**

- Grasses
- Ant hill
- Icicles



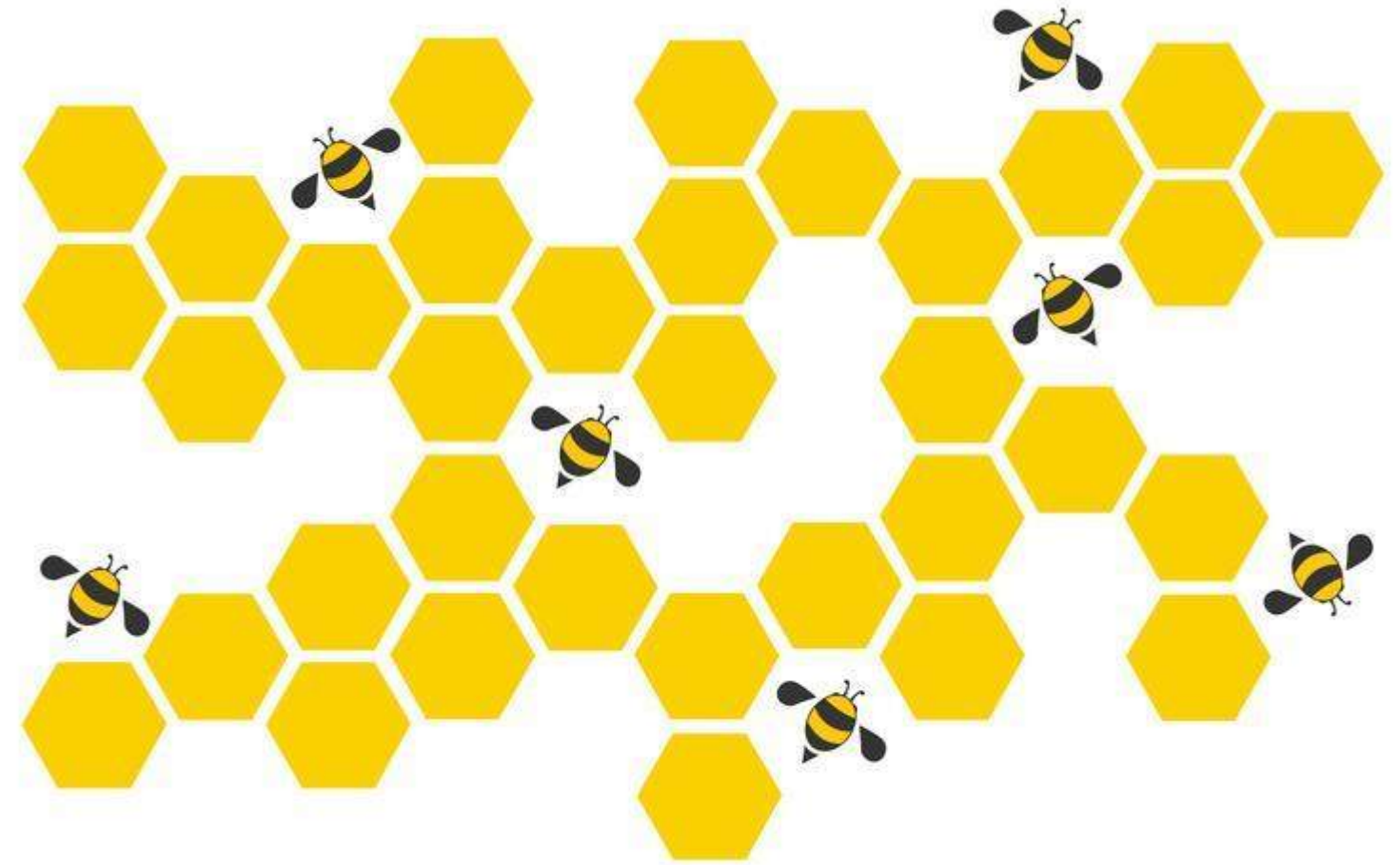
**SPHERE/CIRCLE**

- bubbles
- dandelion seeds
- water droplets

# SPIRAL



# HEXAGON



# WEDGE/CONE

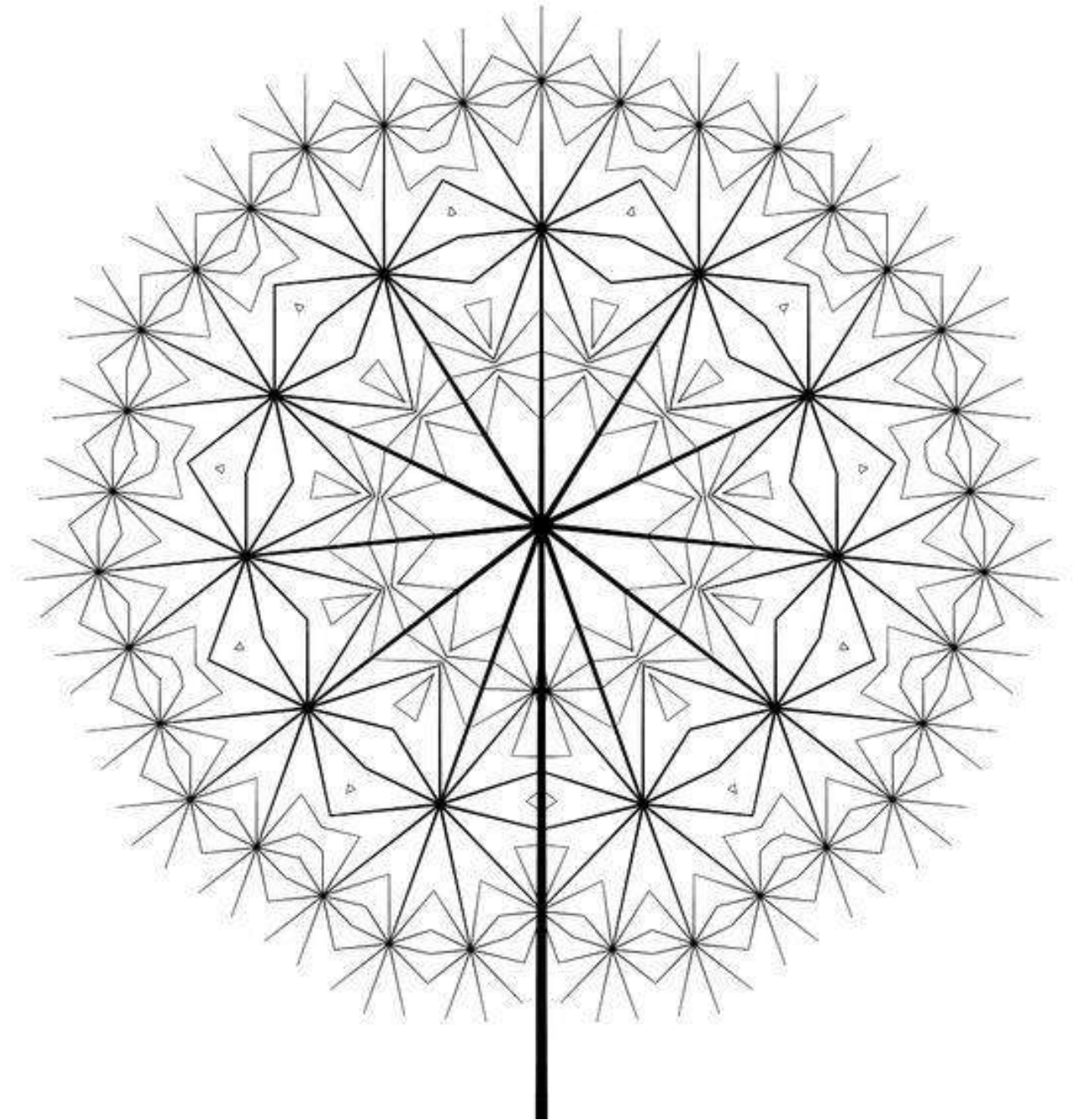




# FRACTAL



# SPHERE/CIRCLE





It's only a matter of time before their imagination takes them right into those worlds!

# Design Concept: MAGNIFYING OUR NATURAL WORLD

NATURE DISCOVERY AREAS

MACRO PLAY

PATTERNS IN NATURE



# NATURE DISCOVERY AREAS

Explore plants with magnifying glasses, go bug hunting, take micro-hikes



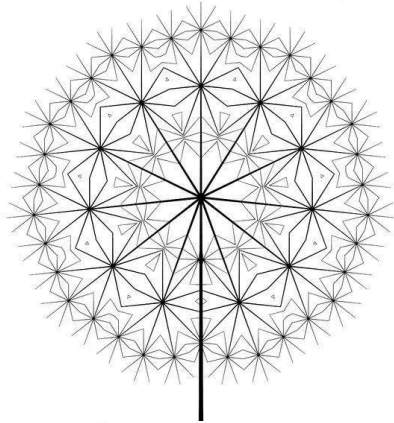
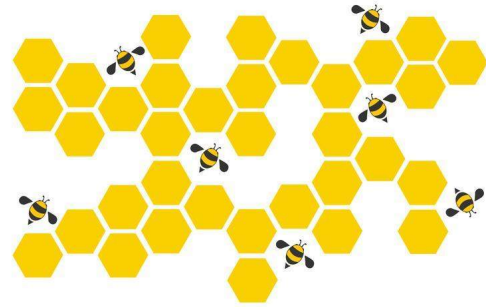
# MACRO PLAY

Playground equipment that mimics natural forms at an unusually large scale



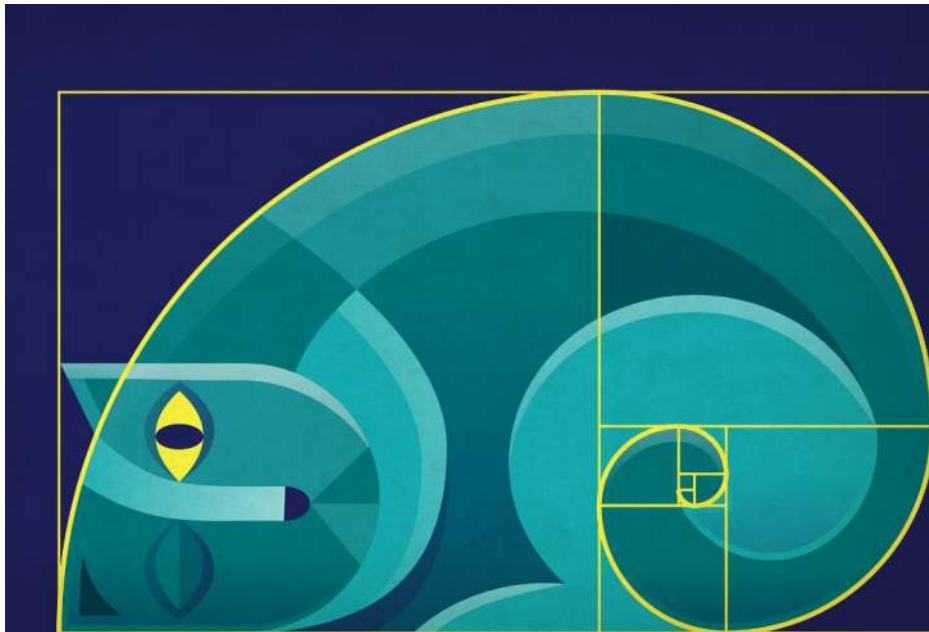
# PATTERNS IN NATURE

At interior break-out spaces our 5 patterns of nature will be explored through wall graphics, finishes and furniture that provide a unique identity at each turn



# PATTERNS IN NATURE

identity/wayfinding





# Massing – Gymnasium



# Massing – Main Entrance



# Massing – Main Entrance



# Massing – Classroom Addition



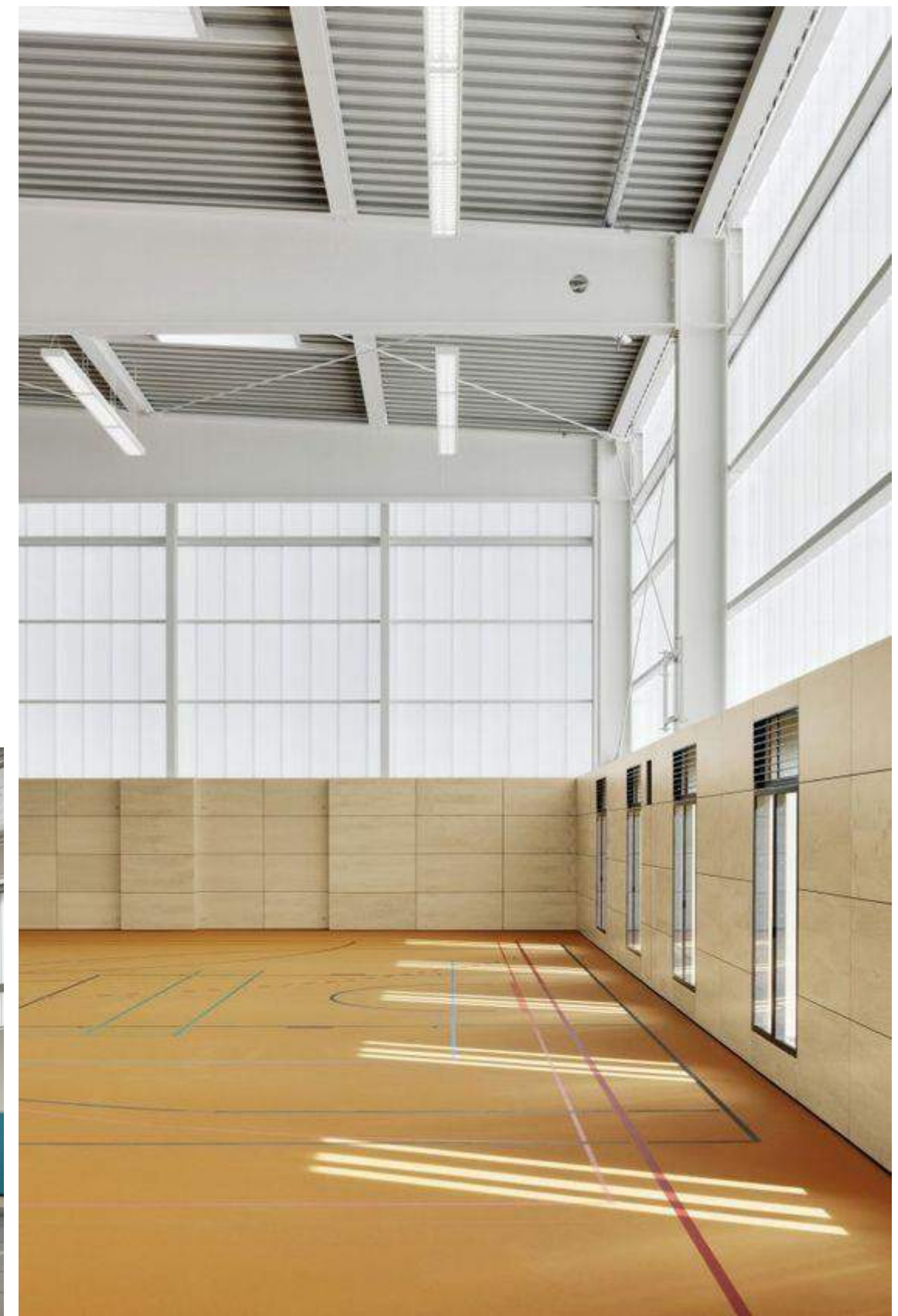
# Massing – Classroom Addition



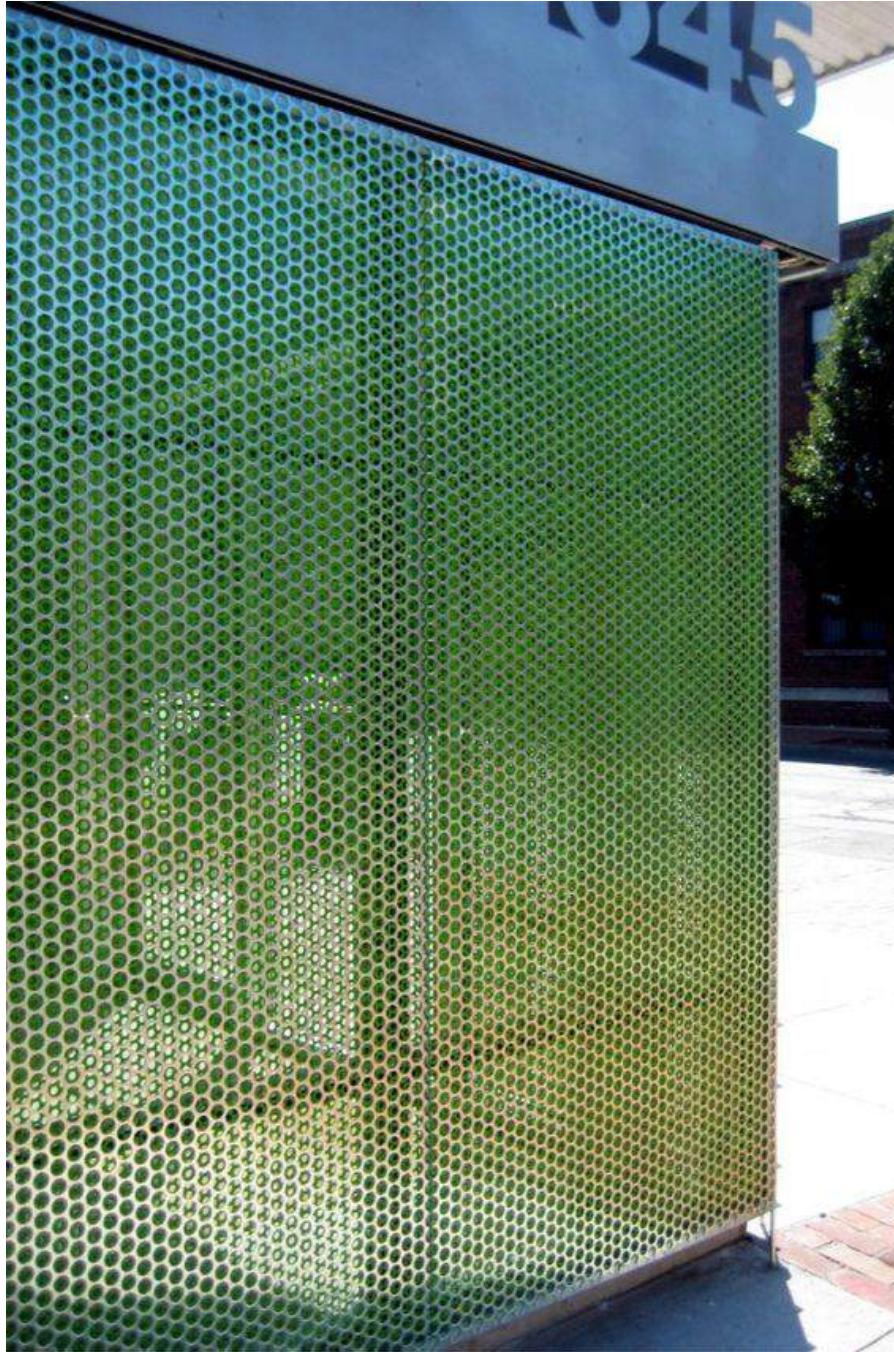
# Cafeteria Patio



# Materiality - light



# Materiality – security/shade

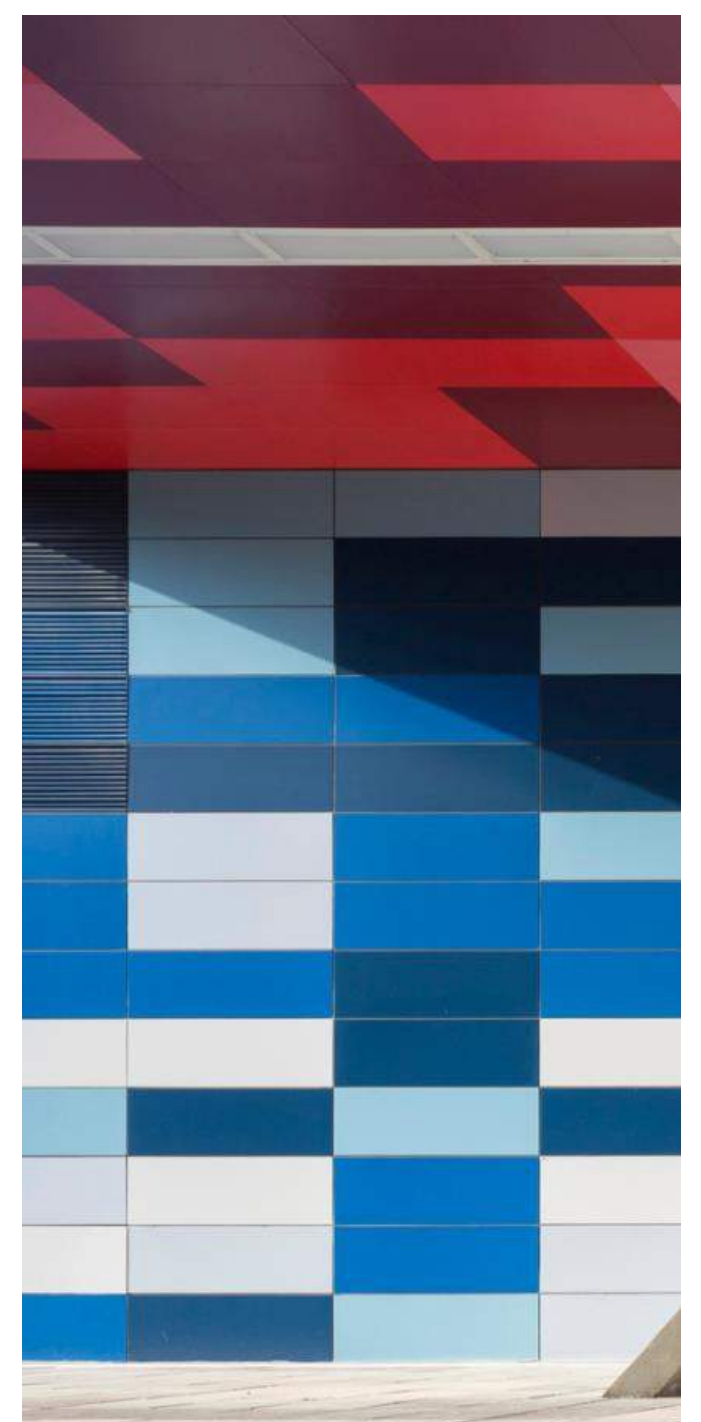




# Materiality – identity/wayfinding



# Materiality – identity/wayfinding



# Wrap Up

## Next Meeting

March 18<sup>th</sup> - 3:20-4:20



# Thank You!



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