Advisory Teams April 19, 2022

Stantec



Introductions

SPRING BRANCH ISD

Thayer Hutcheson Travis Stanford Max Buja David Valerius Noel Moreno Memorial Drive Elementary, Principal Associate Superintendent for Operations Planning & Construction, Director Planning & Construction, Project Manager Planning & Construction, Project Manager

STANTEC ARCHITECTURE

Jennifer Henrikson Tracy Eich Gary Dunn Gin Kappler-Peeler Gretchen Diesel Architect - Principal Architect - Senior Design Principal Architect - Senior Project Manager Architect - Senior Project Manager Interior Designer - Senior Interior Designer

HOOL

 \odot

≺ S

AR

⊢ Z IJ

∑ Ш

ш

DRIVE

MORIAL

ш

 \geq



Agenda

1. PAT Process: Project/Process Status Update

2. PAT Mtg #5: Plan Update

MDE Guiding Principles Site Plan and Floor Plan Updates

3 PAT Mtg #5: Exterior Expression

PAT Feedback Results PAT Feedback → MDE Design Principles Design Progress | Preliminary Exterior Views **PAT Poll: Exterior Design Progress**

4. PAT Mtg #5: Interior Expression

Explore Interior Expression Elements **PAT Engagement:** Interior Expression Input

5. Next Steps: What's Happening Next

ltem



PAT PROCESS OVERVIEW Project / Process Status Update



New Memorial Drive Elementary School – Project Scope

- Replacement of Memorial Drive Elementary School
 with new building and site elements
- Approx. 88,000 SF building per SBISD Educational Specifications
- Off Site Transition: Campus will relocate to South Transition Campus from January 2023 thru May 2024
- **18-20 months** total construction period
- August 2024 = New MDE opens

PAT Engagement – Project Advisory Team (PAT) Charge

OVERVIEW

A Project Advisory Team (PAT) will be chartered for the planning of a replacement for **Memorial Drive Elementary School** under the school's project in the 2017 Bond Program.

CHARGE

The PAT will work collaboratively and cooperatively with the architect and SBISD Project Manager **to conceptualize**, **develop and refine the project's goals and design**.

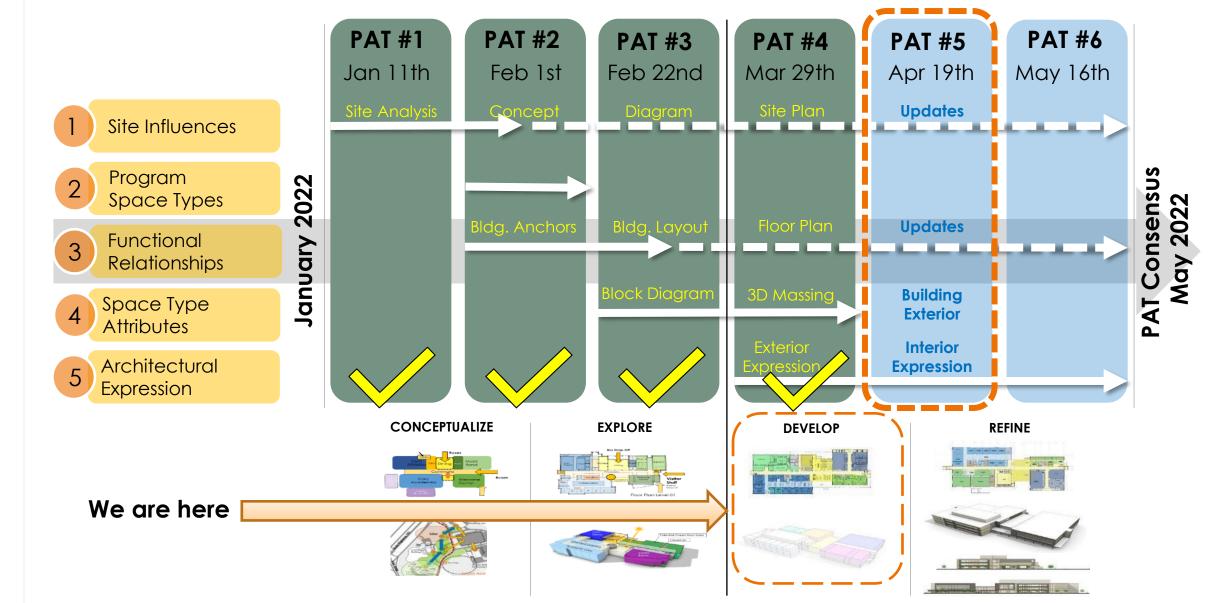
The PAT will <u>advise on recommendations</u> regarding the interior and exterior appearance of the replacement of Memorial Drive Elementary School.

The PAT will reach a proposed recommendation through <u>consensus</u>.

These <u>recommendations will be presented</u> to the <u>Superintendent</u> + <u>Board of Trustees for approval</u>. The Board of Trustees may act upon the recommendations developed with PAT input by approving, amending, altering or not approving all or any part of the recommendations.

Areas of focus from which the <u>PAT should refrain include</u> recommendations regarding school programs, policies and procedures, boundaries of district facilities, instructional arrangements and/or educational pedagogy decided upon and/or subject to District, State and Federal laws.

PAT Engagement – Process Overview | Status Update









PAT MEETING #5 Plan Updates



PAT Mtg#4 Information: MDE Guiding Principles

Engage the Intimate Natural Setting

Maintain the small neighborhood school character that engages the natural setting with views and access to outdoor areas.

Celebrate our MDE Community

Support and promote a caring close-knit family environment that fosters connection among students, staff, and parents during and after school.

Perpetuate Our Traditions

Keep the qualities of tradition, community and family in the new design with active hands-on teaching and learning spaces indoor and outdoor.

Demonstrate Our Values

Focus on building student character and promoting the development of the individual as a future citizen.

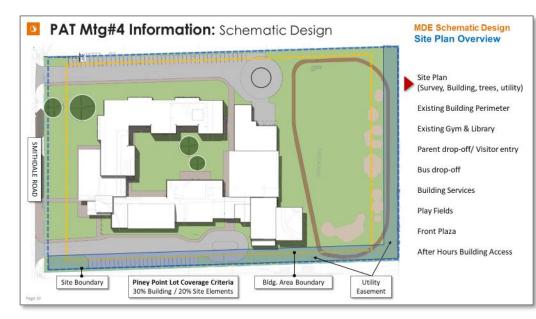
PAT Mtg#4 <u>Recap</u>: Schematic Design | Site Plan & Floor Plans





FLOOR PLANS: Floor 1 + Floor 2

PAT Mtg#4 Engagement: Schematic Site + Floor Plans





Does the Schematic Design Respond to Guiding Principles?

PAT Poll

MDE DESIGN - GUIDING PRINCIPLES

Engage the Intimate Natural Setting

Maintain the small neighborhood school character that <u>engages</u> the natural setting with views and access to outdoor areas.

Celebrate our MDE Community

Support and promote a caring close-knit family environment that <u>fosters</u> <u>connection</u> among students, staff, and parents during and after school.

Perpetuate Our Traditions

Keep the qualities of <u>tradition</u>, <u>community and family</u> in the new design with active hands-on teaching and learning spaces indoor and outdoor.

Demonstrate Our Values

Focus on building student character and promoting the development of the individual as a future citizen.



PAT Mtg#5: Schematic Design Progress \bigcirc



MDE Design Progress Site Plan Updates

Key Updates:

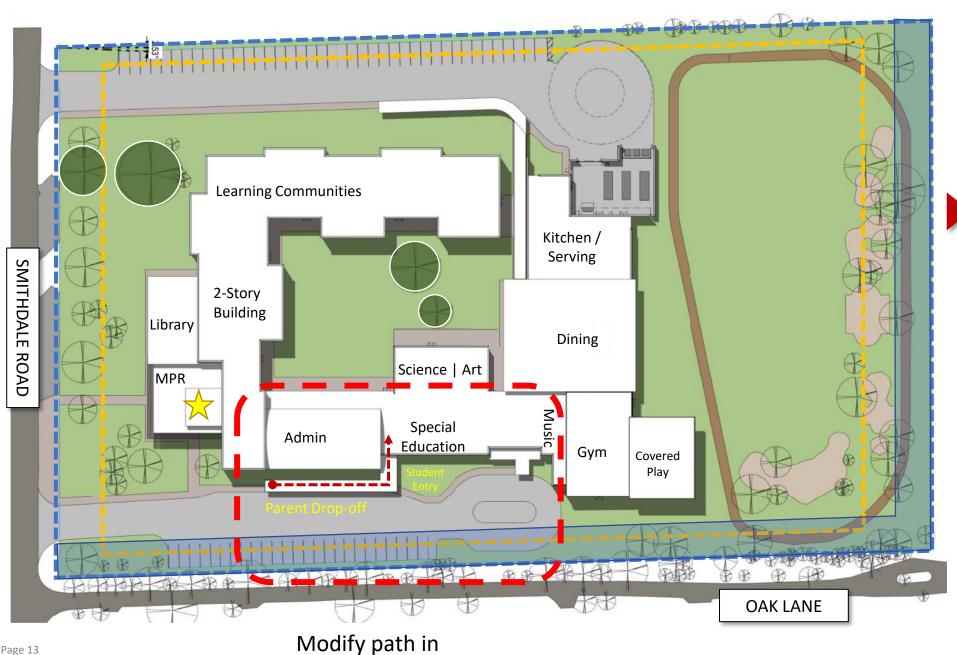
- Oak Lane / Trees outside of MDE Property Line
- Modification of Student 2. Drop-off entry point
- Modifications at Front 3. Entry of School
- Minor Floor Plan 4. **Modifications** (Art / Science only at courtyard bump out... Moved 2 Resource Rooms)
- Modification of Service 5. Drive and Service Yard

Piney Point Lot Coverage Criteria 30% Building / 20% Site Elements

---- Property Boundary

Building Area Boundary

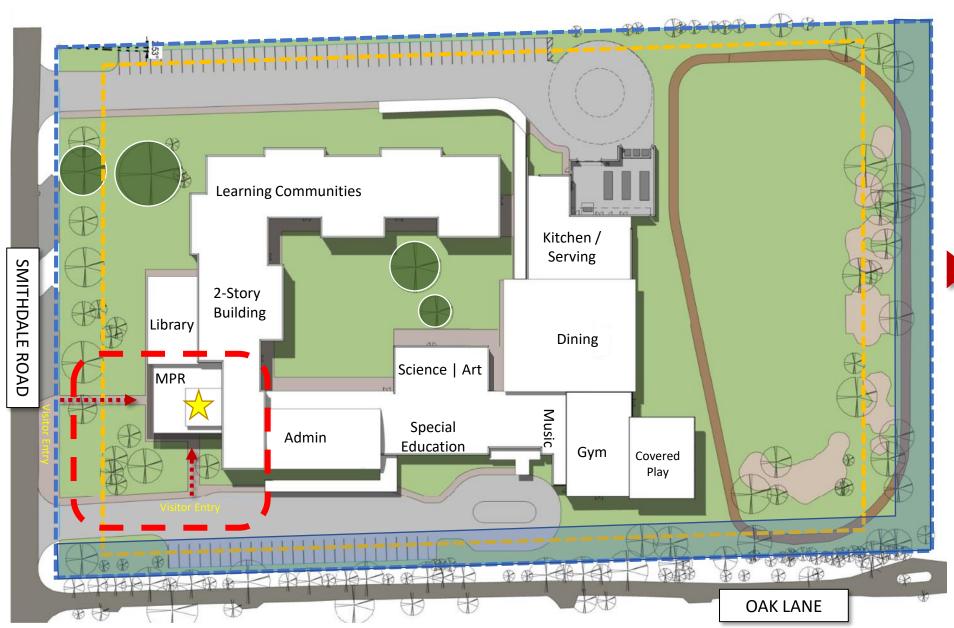
PAT Mtg#5: Schematic Design Progress



MDE Design Progress Site Plan Updates

- Oak Lane / Trees outside 1. of MDE Property Line
- **Modification of Student Drop-off entry point**
- Modifications at Front 3. **Entry of School**
- Minor Floor Plan 4. **Modifications** (Art / Science only at courtyard bump out... Moved 2 Resource Rooms)
- 5. Modification of Service Drive and Service Yard

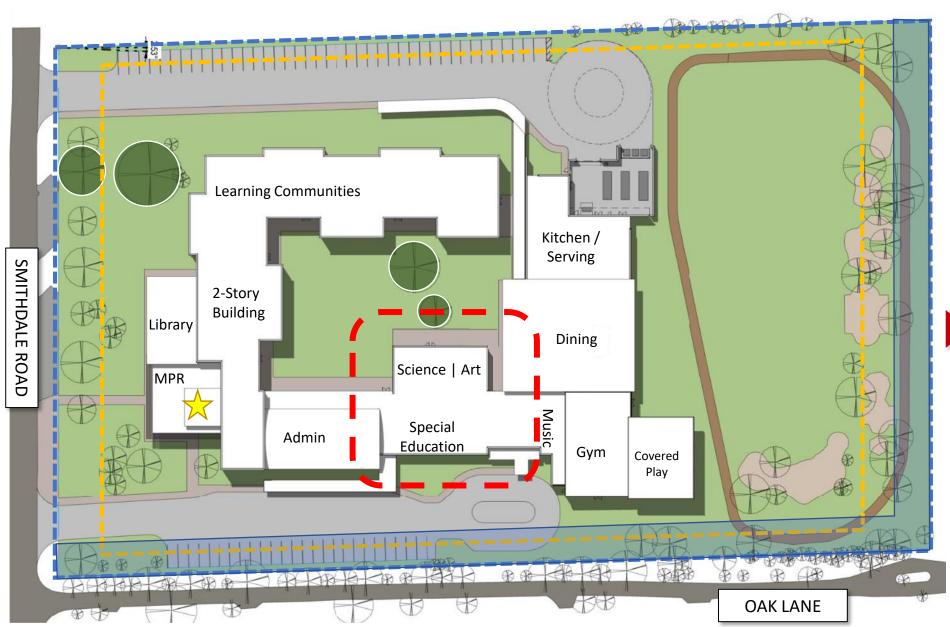
PAT Mtg#5: Schematic Design Progress



MDE Design Progress Site Plan Updates

- 1. Oak Lane / Trees outside of MDE Property Line
- 2. Modification of Student Drop-off entry point
- 3. Modifications at Front Entry of School
- 4. Minor Floor Plan Modifications (Art / Science only at courtyard bump out... Moved 2 Resource Rooms)
- 5. Modification of Service Drive and Service Yard

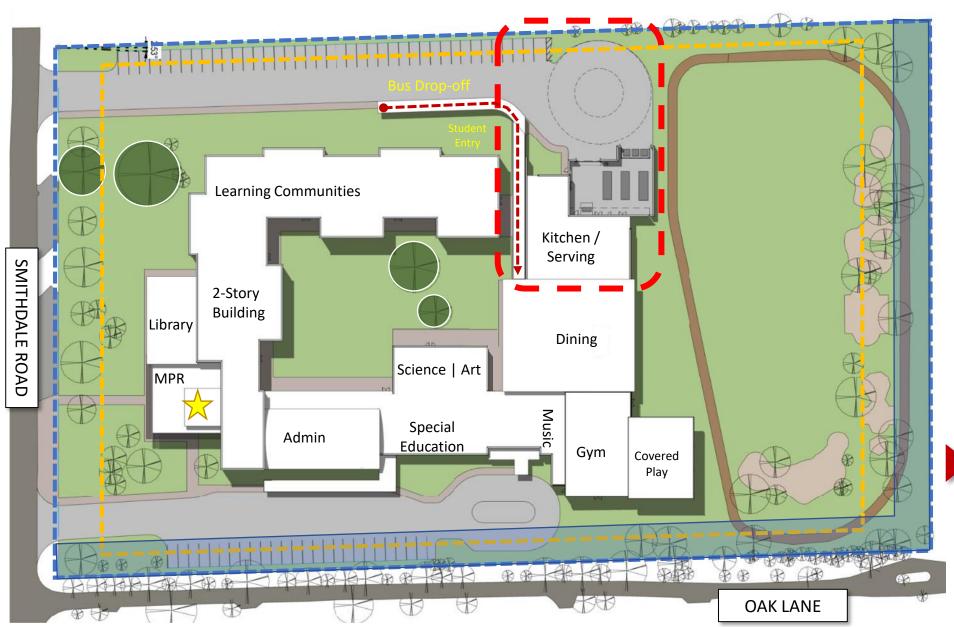
PAT Mtg#5: Schematic Design Progress



MDE Design Progress Site Plan Updates

- 1. Oak Lane / Trees outside of MDE Property Line
- 2. Modification of Student Drop-off entry point
- 3. Modifications at Front Entry of School
- Minor Floor Plan Modifications (Art / Science only at courtyard bump out... Moved 2 Resource Rms)
- 5. Modification of Service Drive and Service Yard

PAT Mtg#5: Schematic Design Progress

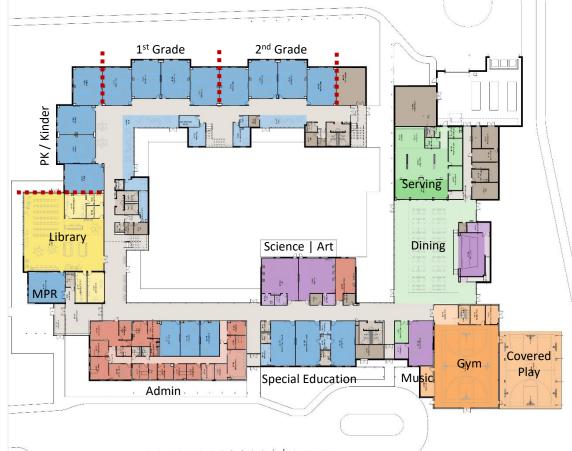


MDE Design Progress Site Plan Updates

- 1. Oak Lane / Trees outside of MDE Property Line
- 2. Modification of Student Drop-off entry point
- 3. Modifications at Front Entry of School
- 4. Minor Floor Plan Modifications (Art / Science only at courtyard bump out... Moved 2 Resource Rooms)
- 5. Modification of Service Drive and Service Yard

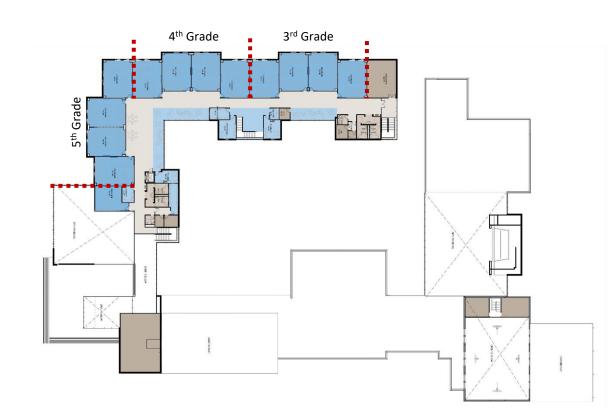
PAT Mtg#5: Schematic Design Progress | Floor Plans

MDE Design Progress Floor Plan Updates



First Floor Plan

- Administration
- Library + Multi-Purpose
- $PK/K + 1^{st} + 2^{nd}$ Grade
- Educational Support Spaces
- Special Education
- Art, Science, Music
- Gym + Covered Play
- Dining / Kitchen



Second Floor Plan

- $3^{rd} + 4^{th} + 5^{th}$ Grade
- Educational Support Spaces

<u>24 Classrooms</u> 4 = PK/Kinder **4** = 1^{st} grade **4** = 2^{nd} grade **4** = 3^{rd} grade

 $4 = 4^{\text{th}}$ grade

 $4 = 5^{\text{th}}$ grade

0

0 H

S S

NTARY

LEME

ш

R <

 \Box

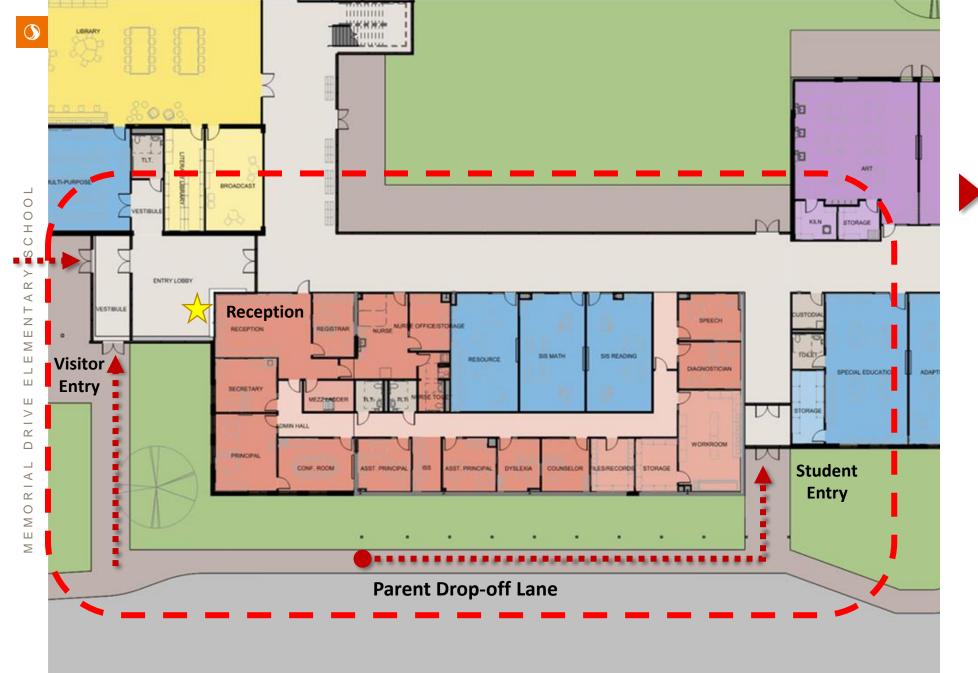
EMORIA

≥



Key Plan Updates:

- 1. Administration
- 2. Library & Multi-Purpose
- 3. Learning Communities
- 4. Art, Science & Music
- 5. Special Education
- 6. Dining



Key Plan Updates:

- 1. Administration
- 2. Library & Multi-Purpose
- 3. Learning Communities
- 4. Art, Science & Music
- 5. Special Education
- 6. Dining



Key Plan Updates:

1. Administration

2. Library & Multi-Purpose

- 3. Learning Communities
- 4. Art, Science & Music
- 5. Special Education
- 6. Dining / Gym



Key Plan Updates:

- 1. Administration
- 2. Library & Multi-Purpose

3. Learning Communities

- 4. Art, Science & Music
- 5. Special Education
- 6. Dining / Gym



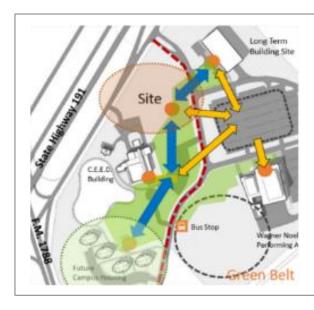


Key Plan Updates:

- 1. Administration
- 2. Library & Multi-Purpose
- 3. Learning Communities
- 4. Art, Science & Music
- 5. Special Education
- 6. Dining / Gym

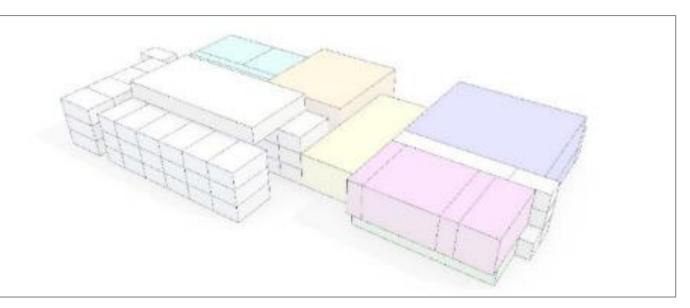


PAT MEETING #5 Exterior Expression

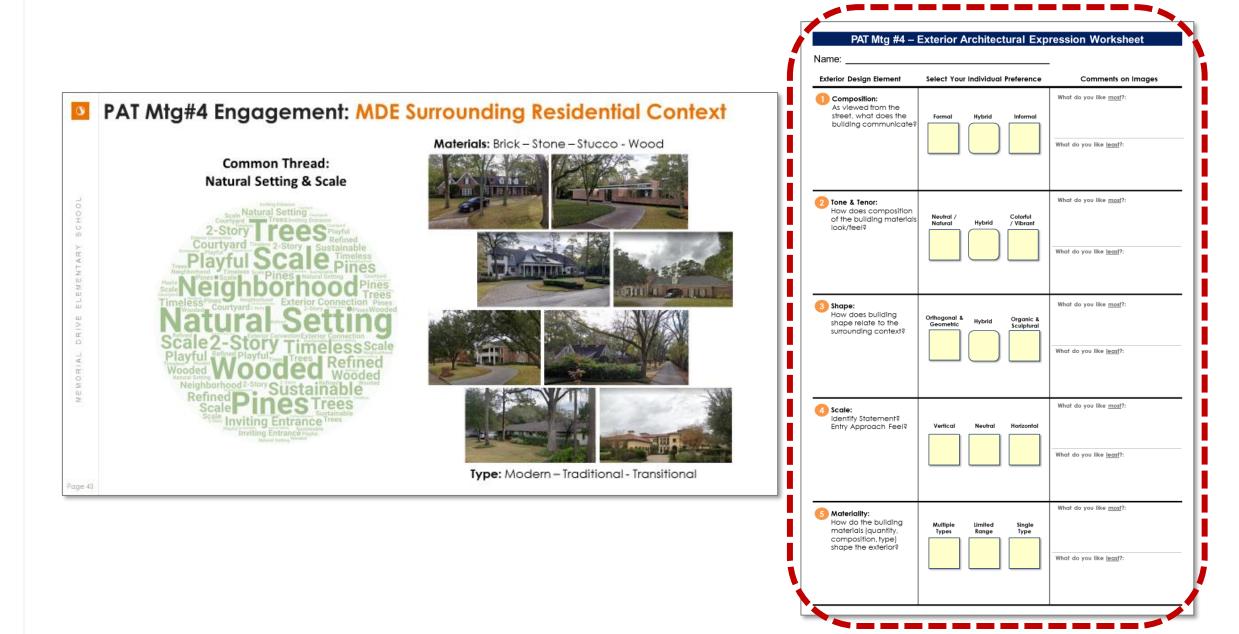




Review Design Progress + Seek Feedback: Site Plan | Floor Plan | 3D Massing



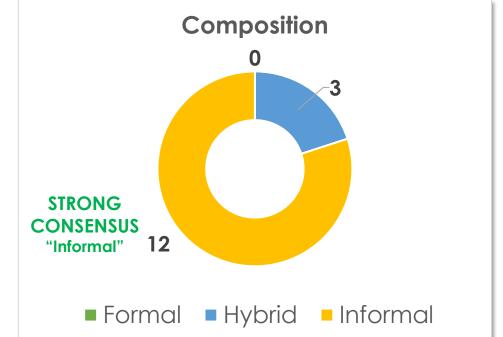
PAT Mtg#4 Engagement: Architectural Exterior Expression





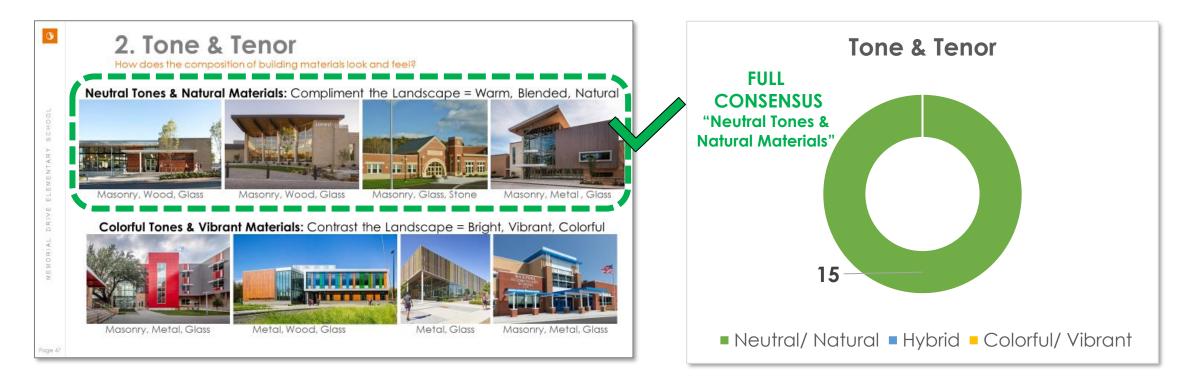
What Do You Like the Most?

- Balanced
- Natural Pattern
- Informal
- Symmetry.. or let there be Balance
- High Areas of Informal Entry
- Open, Light, Airy
- Best Meets the Guiding Principals



What Do You Like the Least?

- Too Formal Not "Kid Friendly"
- Repetitive Symmetrical Patterns
- Curved Roof
- Too Institutional



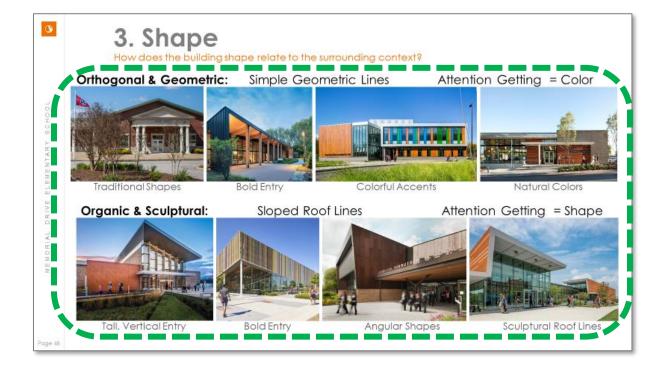
What Do You Like the Most?

- Masonry, Wood, Glass
- Softer, More Inviting Feel
- Neutral and Natural Materials, Blend in Setting
- Blend with Nature
- Wood, Trees Exposed
- Open Spaces

What Do You Like the Least?

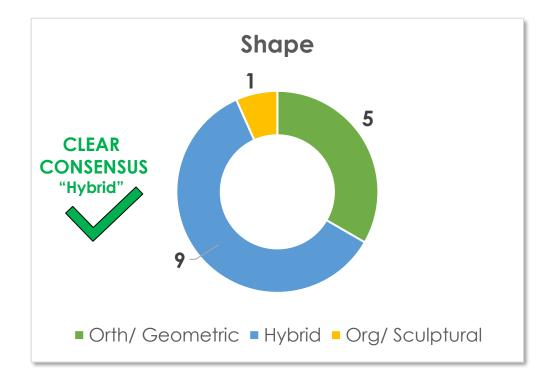
- Bright / Loud / Vibrant Colors
- Too colorful. Doesn't fit the neighborhood
- Contemporary Look
- Metal / Stone
- Not too much Wood or Metal

ш



What Do You Like the Most?

- Simple Geometric Lines
- Simple with Bold Entry
- Natural Colors Feel Clean and Simple
- Modern / Traditional with New Warm Materials
- Mid-Century Look
- Angular Shapes
- Combo of angles/circles to give building character



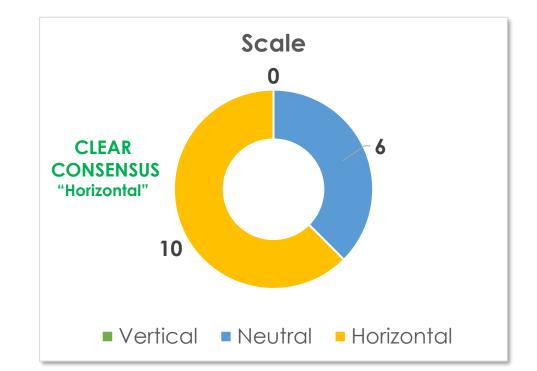
What Do You Like the Least?

- Vibrant Colors / Colorful Accents
- Bold / Traditional Shapes
- Organic/Sculptural is Too Modern
- Attention Getting
- Tall / Vertical
- Chaos
- Don't be too Artistic / Modern

٩ 4. Scale View from a Distance - What is the identity statement for the building? Front Entry Experience - How does the front entry approach feel? Vertical Neutral Horizontal Vertical Entry Feature **Balanced** Composition Natural Composition Attention Getting Object Sculptural Element Horizontal Planes viewed from a distance balanced by horizontal entry blend with natural landscape

What Do You Like the Most?

- Clean Lines •
- Trees as the Feature / Allow to Shine
- Blend into Landscape
- Natural Composition
- Pitched Roofs for Durability
- Visual Interest •
- Balanced Composition feels fresh
- Horizontal better fits this environment



What Do You Like the Least?

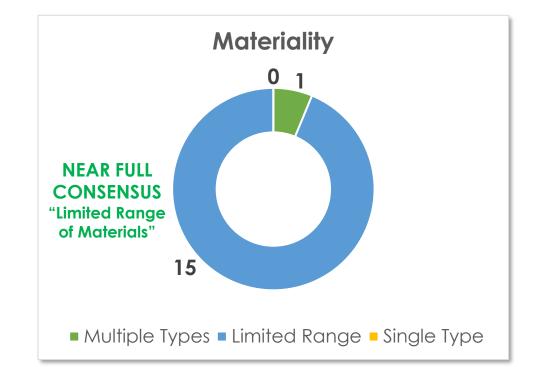
- Vertical Looks Dated / Formal
- Sculptural Element
- Modern
- Imposing
- Traditional
- Flat Roof
- Vertical
- Neutral makes sense but not best fit for site

 \geq



What Do You Like the Most?

- Pops of Accents
- Open, Light, Airy
- Large Glass Windows
- Traditional but Modern
- Limited Mixture of materials that Blend with Landscape
- Natural / Warm Feel
- Multi-Dimensional
- Brings a feel of comfort, Compliments Nature



What Do You Like the Least?

- Single Field Material
- One Point of Entry
- Too much Metal
- Monotone Colors
- Too Stuffy
- All one Brick

ш

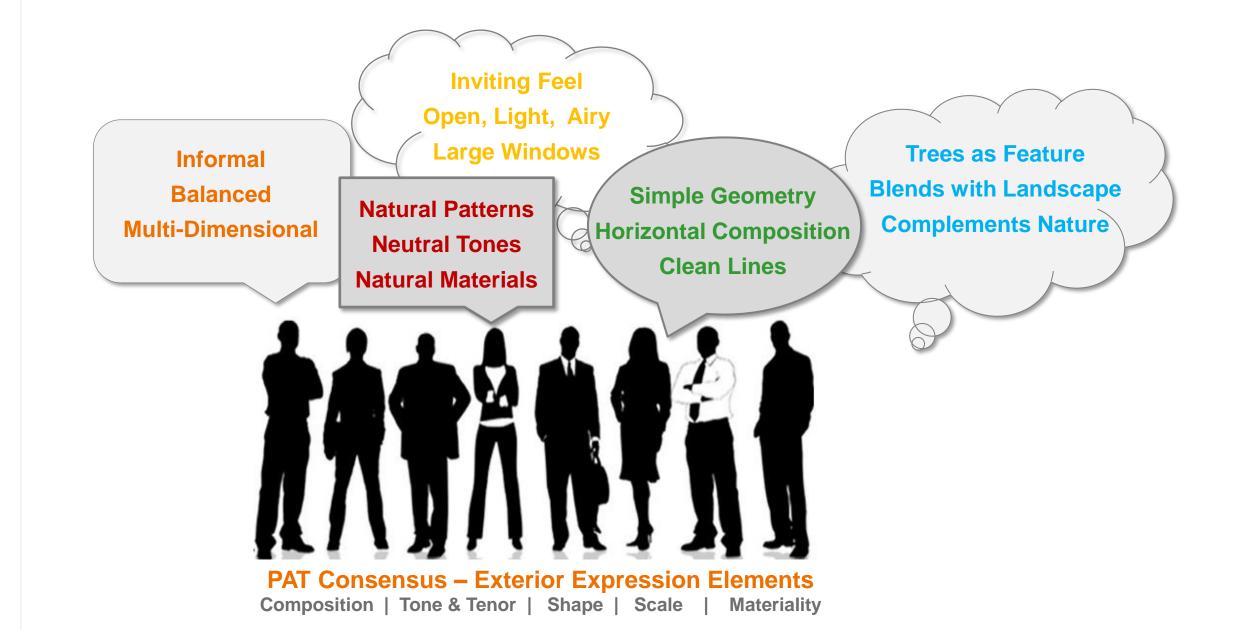
 \geq

PAT Mtg#4 Engagement: PAT Results | Individual Responses



Name:		
Exterior Design Element	Select Your Individual Preference	Comments on Images
Composition: As viewed from the street, what does the building communicate?	Permal Hybrid Informal	What do you like <u>most</u> ?: What do you like <u>least</u> ?:
2 Tone & Tenor: How does composition of the building materials look/feel?	Neutral / Caladal Natural Hybrid / Vibrant	What do you like <u>most</u> ?:
	15 0 0	What do you like <u>leas</u> ?:
3 Shape: How does building shape relate to the surrounding context?	Orthogonal & Hybrid Organic & Sculphural	What do you like <u>most</u> 7:
		What do you like <u>least</u> ?:
Scale: Identify Statement? Entry Approach Feel?	Vertical Neutral Horizontal	What do you like <u>most</u> ?:
	0 6 10	What do you like <u>least</u> ?:
5 Materiality: How do the building materials (quantity, composition, type) shape the exterior?	Multiple Limited Single Types Range Type	What do you like <u>mast</u> 7:
	1 15 0	What do you like <u>least</u> ?:

PAT Mtg#4 Engagement: PAT Consensus | Exterior Expression



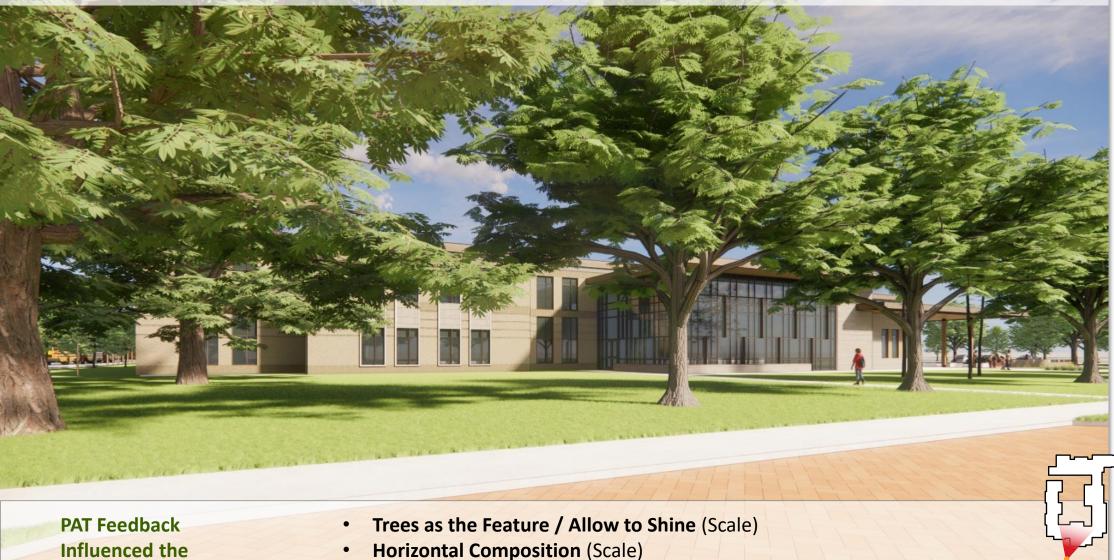
■ PAT Mtg#4 Engagement: PAT Consensus → MDE Design Principles

MEMORIAL DRIVE ES DESIGN PRINCIPLES

- Shaded by mature oak and pine trees, the new Memorial Drive ES blends into the landscape.
- 2. The **balanced geometric forms** are expressed through a **limited range of natural materials in a neutral palette**.
- 3. The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.
- 4. The informal plan in the central courtyard reflects natural patterns that complement the wooded setting.
- 5. With **clean and simple lines**, the **multi-dimensional** design feels **open**, **airy and light**.

PAT Mtg#5: Design Progress | Preliminary Exterior Views

Shaded by mature oak and pine trees, the new Memorial Drive Elementary School blends into the landscape.



Horizontal Better Fits this Environment (Scale)

Street View

Exterior Design

PAT Mtg#5: Design Progress | Preliminary Exterior Views

The balanced geometric forms are expressed through a limited range of natural materials in a neutral palette.



PAT Mtg#5: Design Progress | Preliminary Exterior Views

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.



PAT Mtg#5: Design Progress | Preliminary Exterior Views

The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.



٩ **PAT Mtg#5:** Design Progress | Preliminary Exterior Views

The informal plan in the central courtyard reflects natural patterns that complement the wooded setting. Brings a feel of comfort, Complements Nature (Materiality) **PAT Feedback** Influenced the

- Large Glass Windows (Materiality)
- **Pops of Accents** (Materiality)

Learning Courtyard View

Exterior Design

PAT Mtg#5: Design Progress | Preliminary Exterior Views

With clean and simple lines, the multi-dimensional design feels open, airy and light.



• Visual Interest (Scale)

Learning Courtyard View

Exterior Design

PAT Mtg#5: Design Progress | Building Massing



PAT Mtg#5 Engagement: Exterior Design Progress

PAT Poll



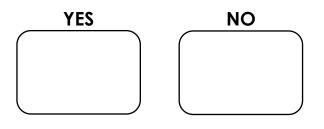
PAT Mtg#5: Design Progress | Preliminary Exterior Views



Does the Exterior Design Progress Respond to the MDE Design Principles?

MEMORIAL DRIVE ES DESIGN PRINCIPLES

- Shaded by mature oak and pine trees, the new Memorial Drive ES blends into the landscape.
- 2. The **balanced geometric forms** are expressed through a **limited range of natural materials in a neutral palette**.
- 3. The horizontal composition and large windows with ample views into the school create a welcoming invitation to the neighborhood students, staff and community.
- 4. The informal plan in the central courtyard reflects natural patterns that complement the wooded setting.
- 5. With **clean and simple lines**, the **multi-dimensional** design feels **open**, **airy and light**.



ltem



PAT MEETING #5 Interior Expression

Explore Interior Architectural Expression "Elements"

Walls | Floors | Ceiling | Features – Texture, Pattern, Transparency



Color/Contrast | Shape/Scale |

cale | Patter

Pattern/Variation

Materiality

PAT Mtg#5 Engagement: Interior Expression

"Rules" of Engagement Discussion:

We are seeking <u>PAT Input</u> on the INTERIOR Architectural Expression

These images are <u>NOT</u> the proposed design

Stantec will highlight the "Elements / Attributes" of the image shown

Review / Discuss 4 "Attributes" from Selected Images:

Color & Contrast Shape & Scale Pattern & Variation Materiality

<u>PAT Feedback</u>: Individual Completion of Interior Expression Worksheet

PAT Mtg#5: Preliminary Interior View | School Lobby with Courtyard View



PAT Mtg#5: Preliminary Interior View | Library with Views to Exterior



PAT Mtg#5: Preliminary Interior View | Flex Space with Courtyard View



PAT Mtg#5: Preliminary Interior View | Dining Space with Courtyard View



1. Color and Contrast

How do the colors and contrast influence the character of the space?

Natural Tones with Accents of Color



Natural Tones High Contrast



Natural Tones Low Contrast



Accents Medium Contrast



Color Wash Low Contrast

Vibrant and Full-spectrum Color



Bright Color High Contrast



Bright Color Medium Contrast



Saturated Low Contrast

2. Shape and Scale

What kind of experience do the shapes and their scale create?

Geometric and Linear



Large-scale Rectangles



Mixed-scale Rectangles



Large-scale Advanced Geometries

Organic and Curvilinear



Large-scale Single



Balance Angular/Curvilinear



Small-scale Multiple

 \bigcirc

000

3. Pattern and Variation

How do the patterns relate to or reinforce the building design and the site?

Linear and Predictable



Linear Limited Variation



Linear and Rectilinear Varied



Rectilinear Varied, with Contrast



Rectilinear Predictable, Stand-alone

Natural and Random



Linear / Random



Linear + Random



Linear + Random



 \bigcirc

0 0 H

MENTARY SC

ш

ш

R | <

 \cap

4. Materiality

How does the material selection relate to the site, the building and the function of the interior?

Similar to Building Materials



Glass, Metal, Masonry



Glass, Metal, Wood, Masonry



Glass, Metal, Tile, Stone

Expanded Range of Interior Materials



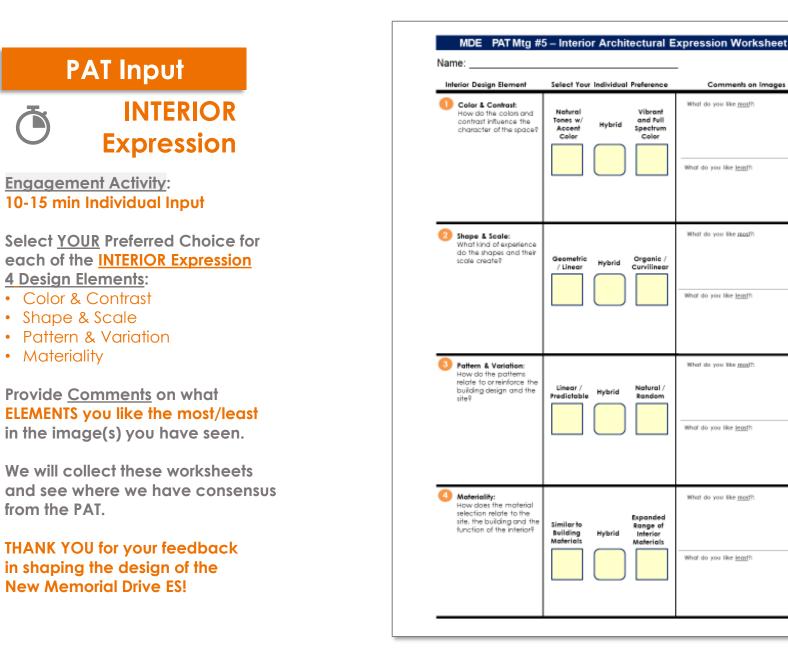
Glass, Metal, Wood, Stone, Tile Masonry, Wood, Carpet, Textiles



 \bigcirc

 \geq

PAT Mtg#5 Engagement: Individual Response Worksheet



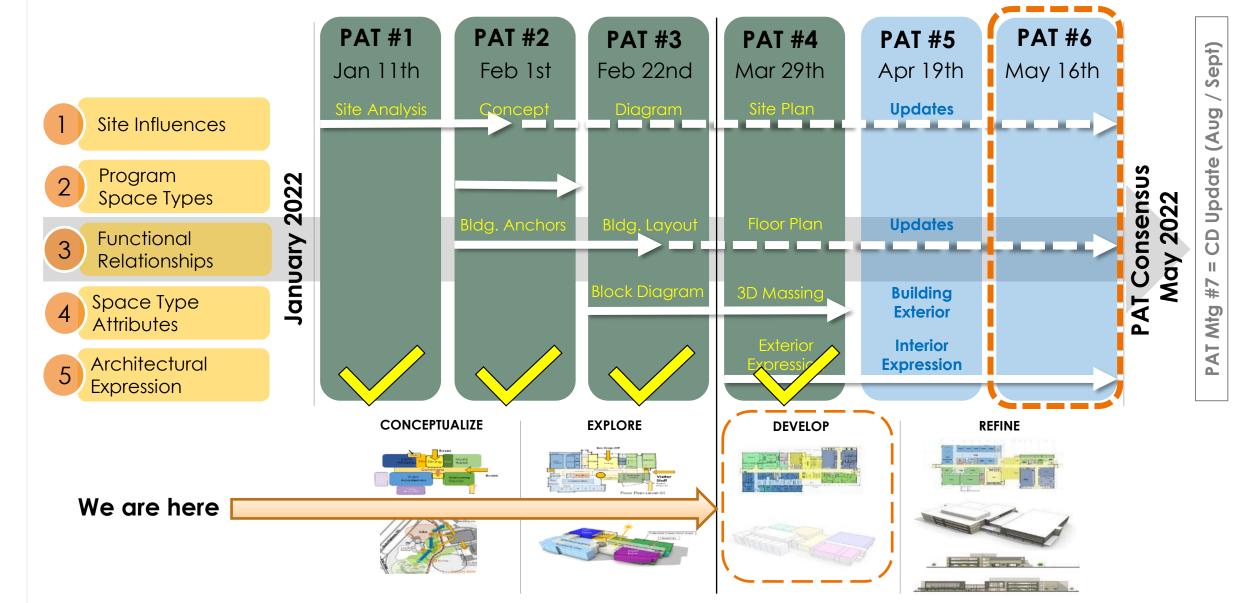
Comments on Images

ltem

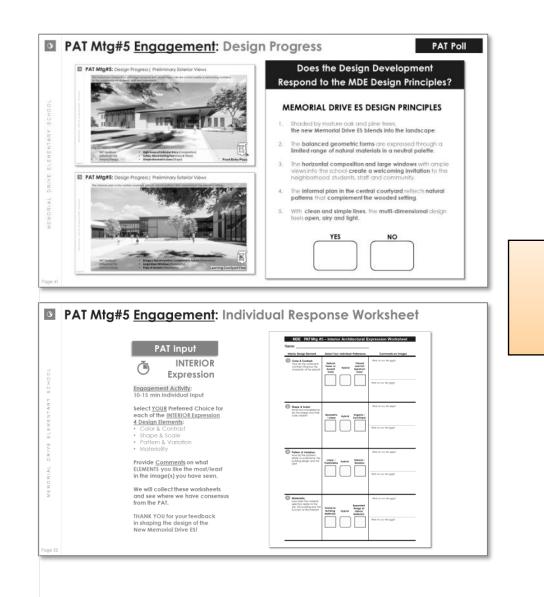
NEXT STEPS



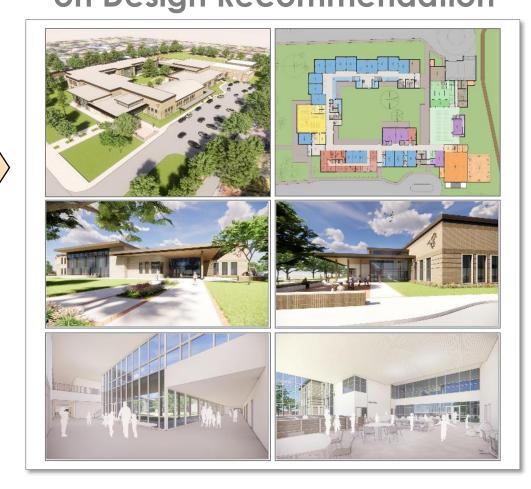
PAT Engagement – Process Overview | Status Update

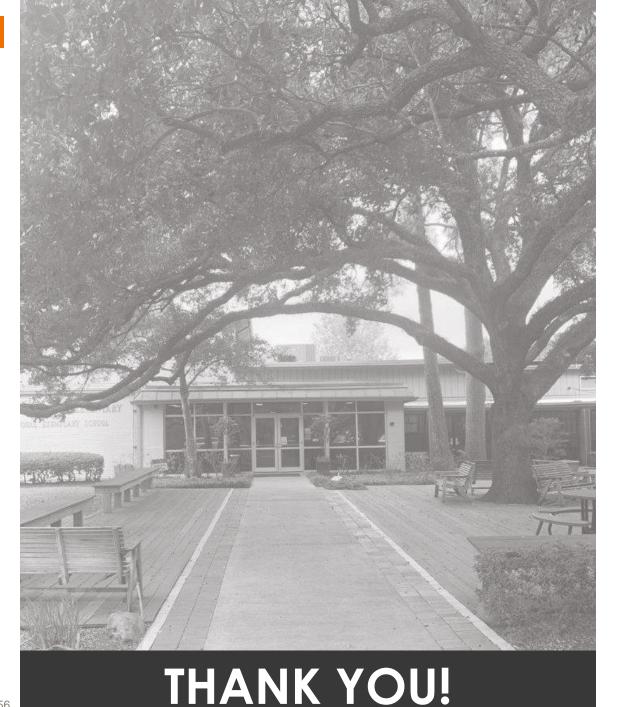


PAT Meeting #5 – What's Happening Next?









See you at PAT Mtg #6

May 16, 2022 3:45 PM

Memorial Drive ES