



# Memorial Drive Elementary

Project Advisory Team  
Meeting #3  
February 22, 2022

MEMORIAL DRIVE  
NATIONAL EXEMPLARY SCHOOL





# Introductions

## SPRING BRANCH ISD

Thayer Hutcheson

Memorial Drive Elementary, Principal

Travis Stanford

Associate Superintendent for Operations

Max Buja

Planning & Construction, Director

David Valerius

Planning & Construction, Project Manager

Noel Moreno

Planning & Construction, Project Manager

## STANTEC ARCHITECTURE

Jennifer Henrikson

Architect - Principal

Tracy Eich

Architect - Senior Design Principal

Gary Dunn

Architect - Senior Project Manager

Gin Kappler-Peeler

Architect - Senior Project Manager

Gretchen Diesel

Interior Designer - Senior Interior Designer



# Agenda

1. **PAT Process:** Project/Process Status Update

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2. **PAT Mtg #2 Engagement-1: Recap + Confirm**  
MDE Design Guiding Principles

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3. **PAT Mtg #2 Engagement-2: Recap**  
Building Anchors

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4. **PAT Mtg #3: Building Program Overview**

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5. **PAT Mtg #3 Engagement: Table Activity**  
Building Layout Options

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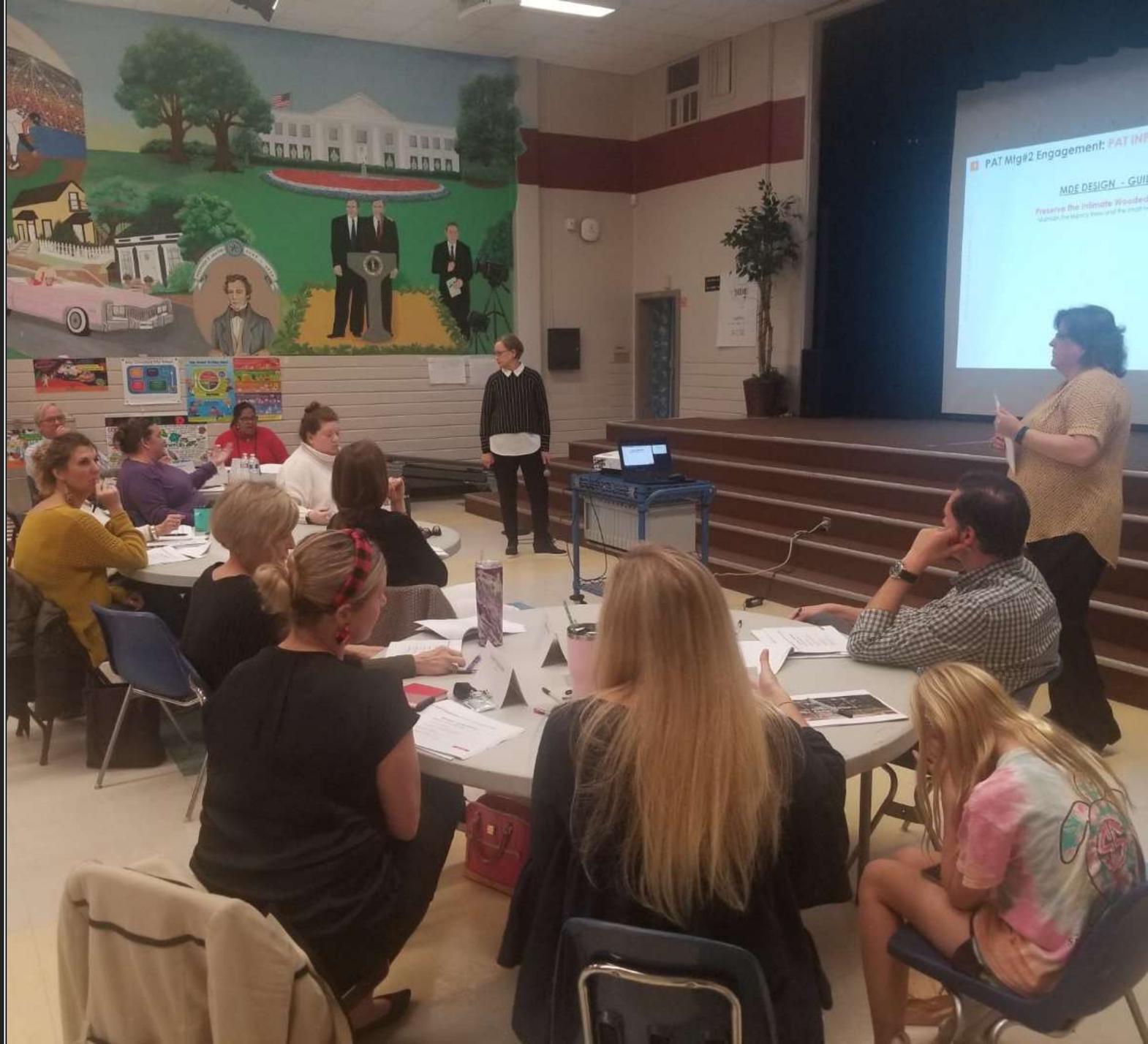
6. **Next Steps:** What's Happening Next

# Item

# 1

## 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 advise on recommendations regarding the interior and exterior appearance** of the replacement of Memorial Drive Elementary School.

**The PAT will reach a proposed recommendation through consensus.**

**These recommendations will be presented to the Superintendent + Board of Trustees for approval.** *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 PAT should refrain include** 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.

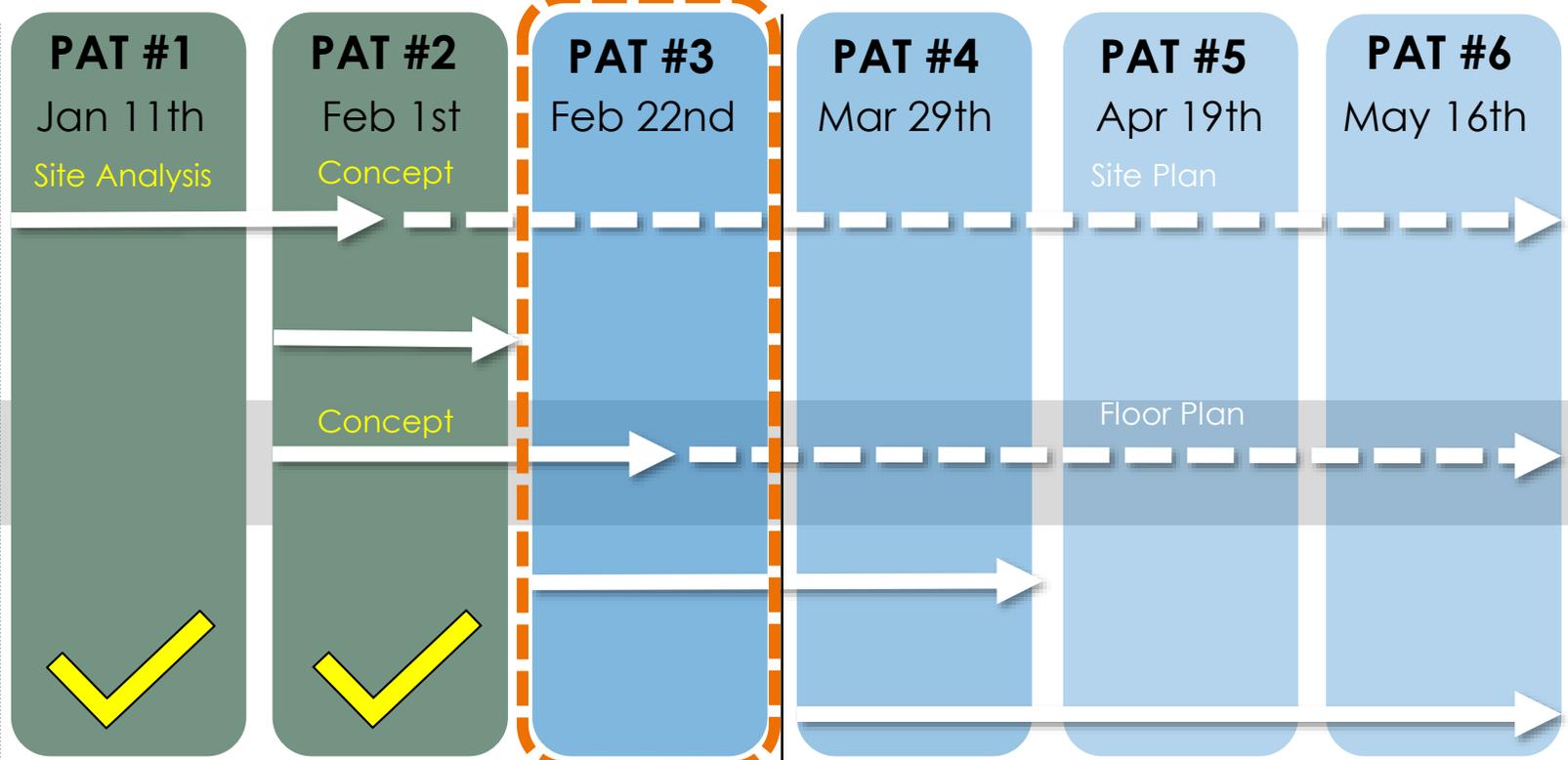


# PAT Engagement – Process Overview | Status Update

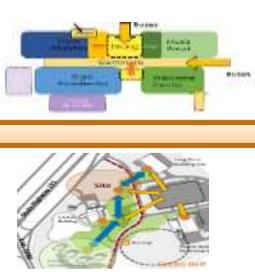
MEMORIAL DRIVE ELEMENTARY SCHOOL

- 1 Site Influences
- 2 Program Space Types
- 3 Functional Relationships
- 4 Space Type Attributes
- 5 Architectural Expression

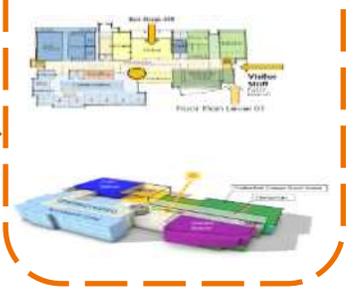
January 2022



CONCEPTUALIZE



EXPLORE



DEVELOP



REFINE



We are here



PAT Consensus  
May 2022

# Item 2

**PAT MEETING #2 - RECAP**  
Guiding Principles





# PAT Mtg#2 RECAP: Guiding Principles Development

PAT Mtg#2 Engagement = Confirm Vision Responses + Develop Guiding Principles

## Clarification Comments

**PAT Mtg#1 Engagement-1: Design Vision Responses** PAT Response

- From **these words** which describe the personality & character of Memorial Drive Elementary:  
Traditional, Inviting, Feels like a home  
Small, Friendly, Rural (feels like a instead small town)  
Community
- Describe what makes Memorial Drive Elementary **special** Memorial Drive?  
Small neighborhood school: Everyone knows one another; Connectedness  
We are a family committed to one another; Kids are every teacher's kids  
Social hub for students and parents; Destination for social interaction  
Mixed grade level collaboration
- What is your **MOST favorite physical aspect** of the existing campus you would like to **preserve**?  
Trees; Open spaces; Outdoor classrooms; Green space (connected to nature)  
Light from outside  
Front porch

**PAT Mtg#1 Engagement-1: Educational Vision Responses** PAT Response

- Describe how the building can **help support** both **Student engagement** + **Community activities**.  
Library at the heart of the school  
Learning on display  
Space for the community (front deck / gathering space)  
Welcoming  
Access to outdoor learning
- Name **three things** that help create a modern 21<sup>st</sup> Century Teaching & Learning environment that help to support and foster a successful program.  
Movable furniture  
Spaces for kids to be kids  
Shared collaborative spaces
- Describe your **goals** for the new Memorial Drive Elementary.  
Combination of new and old; The same, but better  
Traditional, timeless; Make it feel like forever  
Understated with the newest technology

## Merge 2 + Modify 3 others

### PAT Mtg#2 Engagement: PAT INPUT on Guiding Principles

#### MDE DESIGN - GUIDING PRINCIPLES

##### Preserve the Intimate Wooded Setting

Maintain the legacy trees and the small neighborhood school character.

##### Celebrate our Community

Connect the community during school and after.

##### Encourage Our Commitment to One Another

Support and promote a caring close-knit family environment that encourages parent and community involvement.

##### Perpetuate Our Traditions

Keep the qualities of tradition, community and family in the new design with 21<sup>st</sup> century teaching and learning spaces.

##### Demonstrate Our Values

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

Merge

PAT Input



# PAT Mtg#3 Engagement: Guiding Principles Confirmation



## Engagement Activity: For Each Guiding Principle

- Review the Text
- Poll for Consensus

PAT Mtg #3 = Review + Confirm

## MDE DESIGN - 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.

# Item 3

**PAT MEETING #2 - RECAP**  
PAT Engagement  
Building Anchors





# PAT Mtg#2 RECAP: Building Anchors Exercise

## “Anchors” for Site / Building Design

### 1. Administration

- Main Entry
- Front Office / Clinic
- Drop Off/Pick Up Staging

### 2. Library / Media Center

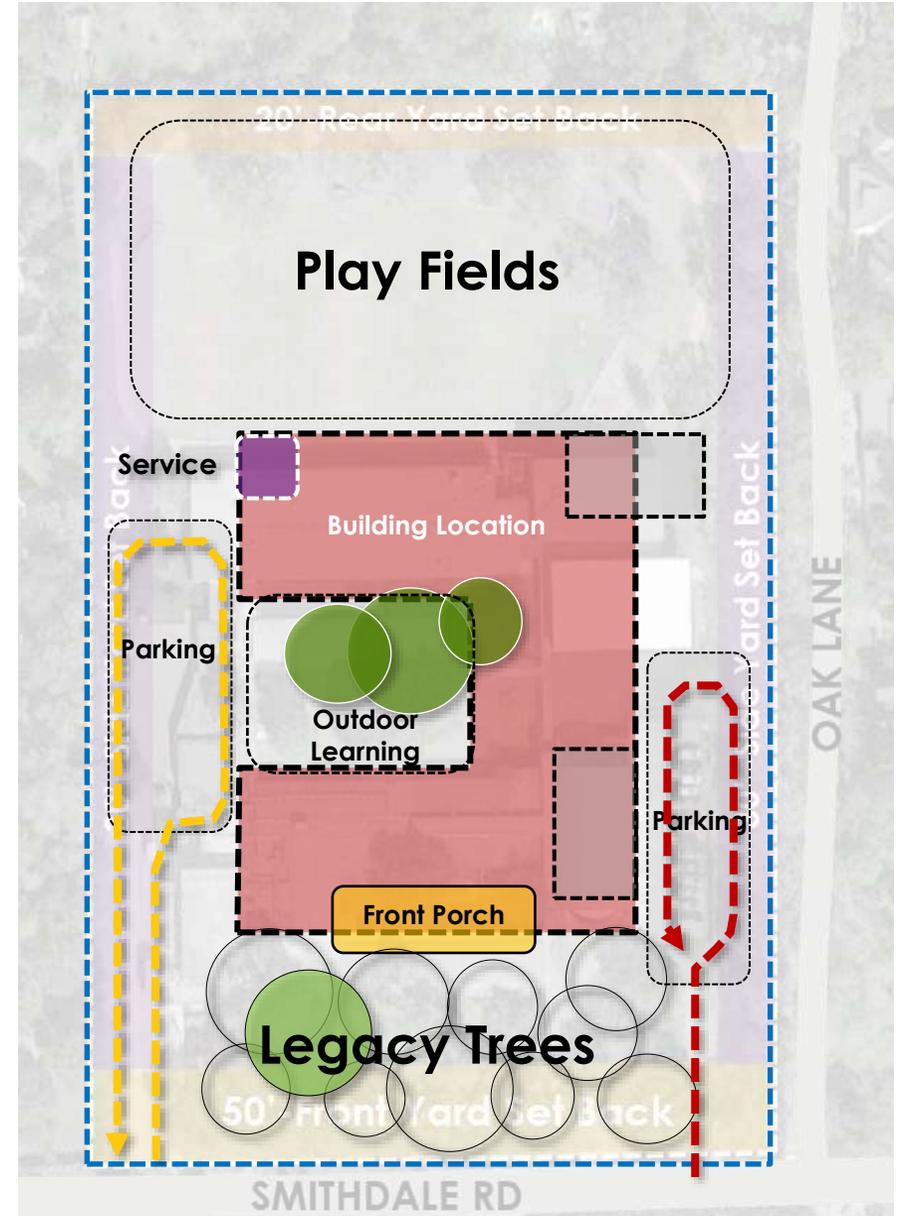
- Central to Learning Communities
- Connection to Outdoors
- Community Access

### 3. Dining Commons

- Service Access
- Drop Off/Pick Up Staging
- Community Access

### 4. Activity Gym

- PE Space
- Covered Play + Play Fields
- Community Access





# PAT Mtg#2 RECAP: Building Anchors Exercise

## BUILDING ANCHORS

- Administration
- Library / Media Center
- Dining Commons
- Activity Gym

## PAT Responses: 4 TABLES

TABLE 1



TABLE 2

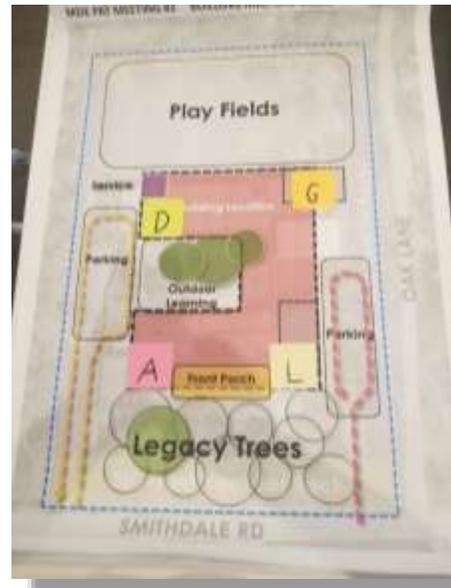


TABLE 3



TABLE 4

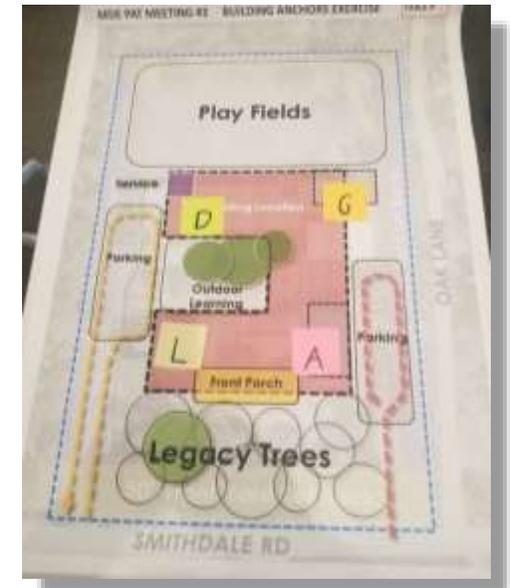




TABLE 1

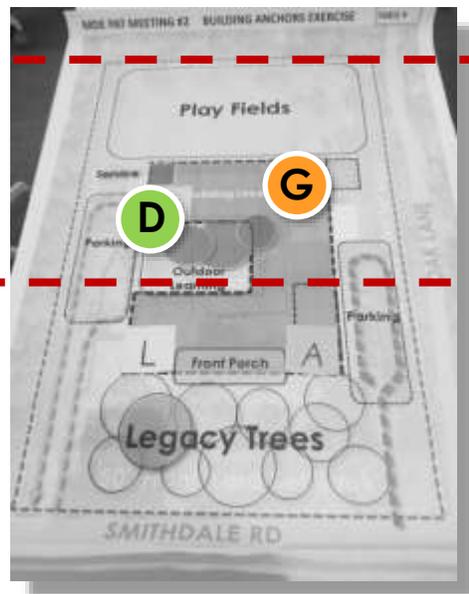


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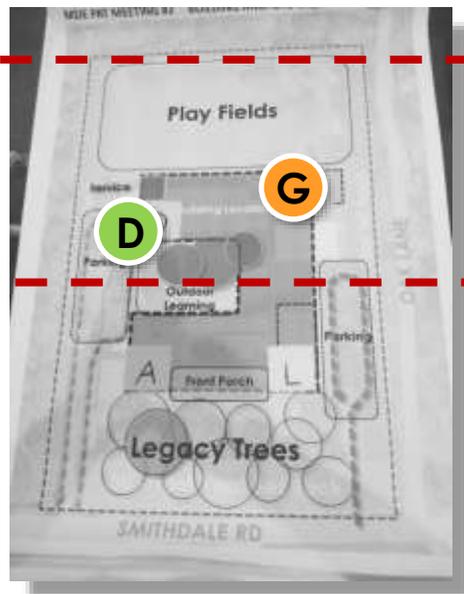


TABLE 3

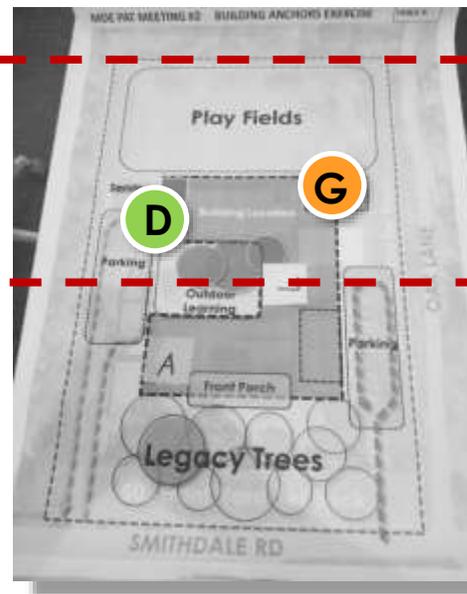
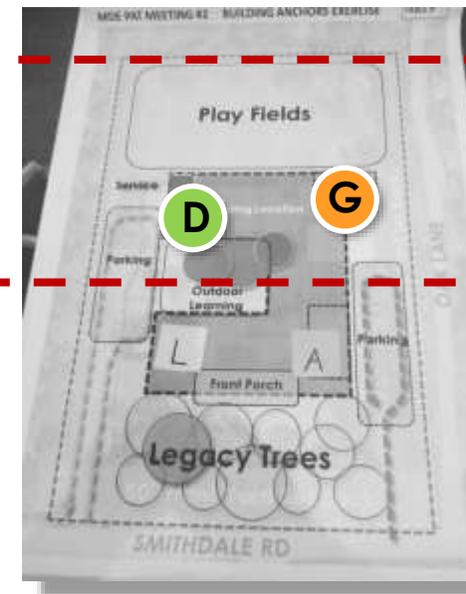


TABLE 4



MEMORIAL DRIVE ELEMENTARY SCHOOL

**UNANIMOUS: Gym + Dining at Back of Site | Gym at Existing**

### ► Gym + Dining

- Gym:**
- ✓ Direct access to Outside Play
  - ✓ Renovate existing building

- Dining:**
- ✓ Near Service Yard
  - ✓ Easy access to learning communities



TABLE 2

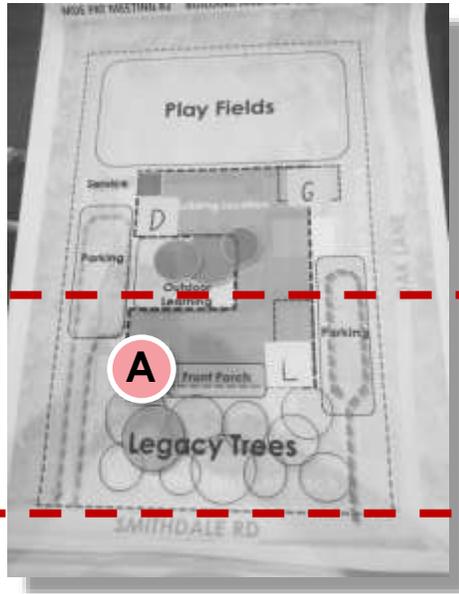


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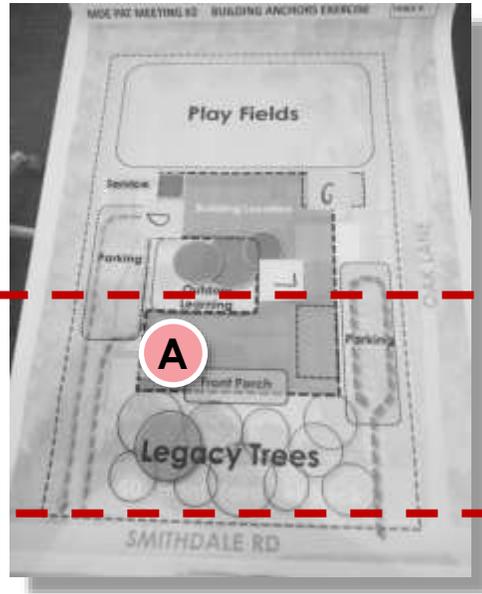


TABLE 1

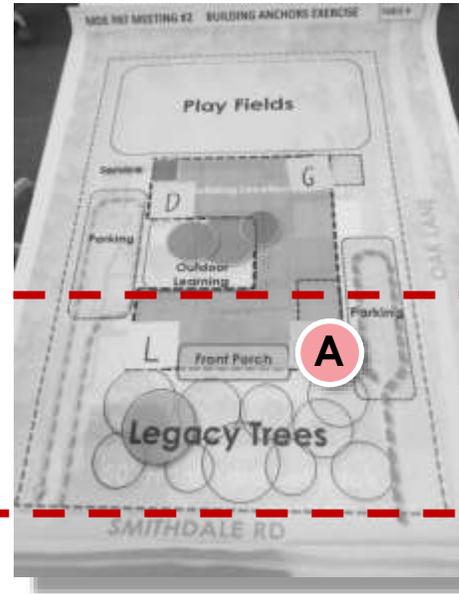
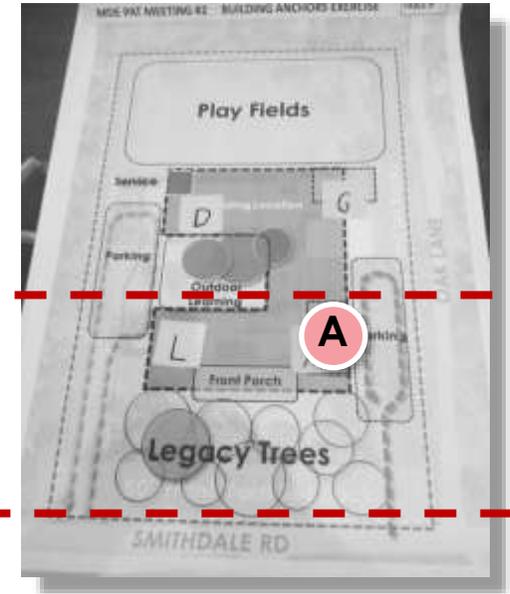


TABLE 4



UNANIMOUS at Front | SPLIT on Side of Site

MEMORIAL DRIVE ELEMENTARY SCHOOL

### ► Administration

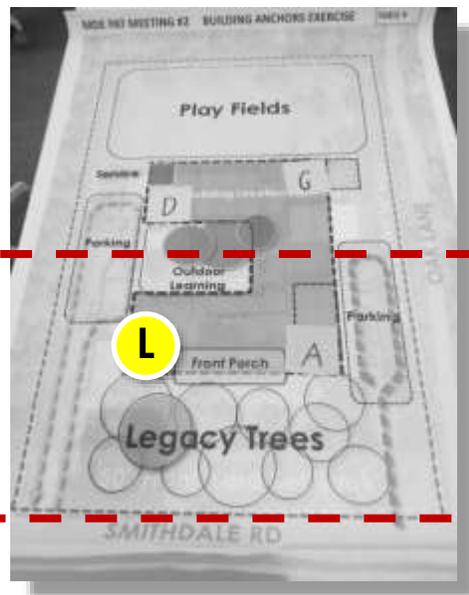
#### PAT Feedback:

- ✓ Strong Presence at Front of Site
- ✓ Near Parent Drop-off (*Review Traffic Flow*)
- Repurpose Library to Administration?

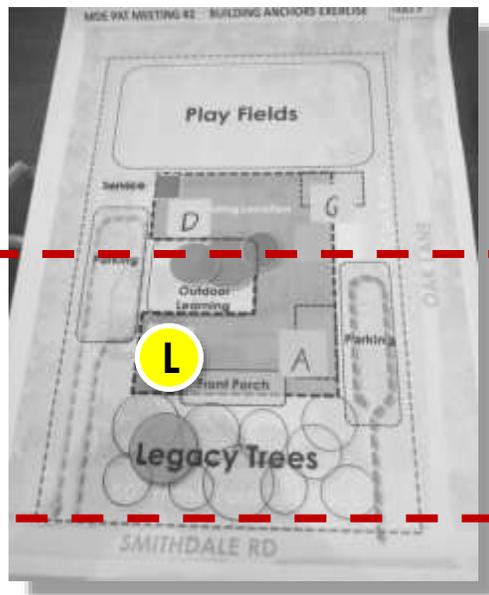


MEMORIAL DRIVE ELEMENTARY SCHOOL

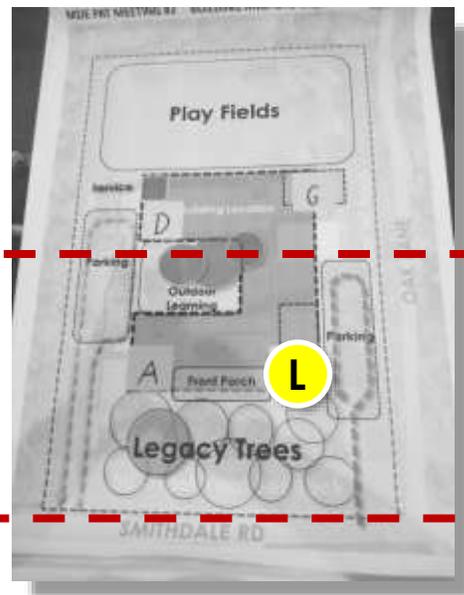
### TABLE 1



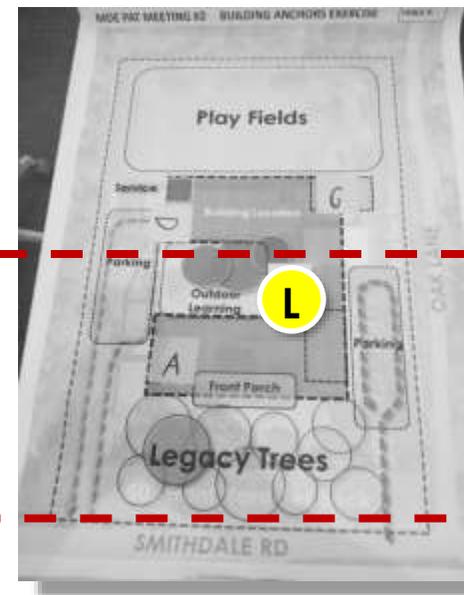
### TABLE 4



### TABLE 2



### TABLE 3



## CONSENSUS: Heart of Learning Community

### ► Library / Media

#### PAT Feedback:

- ✓ Heart of Learning Communities
- ✓ Access to Outdoor Learning
- ✓ Exterior Presence at Front

Item

4

**PAT MEETING #3**  
**Building Program Overview**



District Wide Educational Specifications  
**Spring Branch Independent School District**

Elementary Schools | **December 2019**

Version 2.0



# PAT Mtg#3: Existing Memorial Drive ES

MEMORIAL DRIVE ELEMENTARY SCHOOL



**Total Building Square Footage**  
**Approximately 70,000 GSF**

**Current Enrollment**  
**Approximately 400 Students**

**Existing Grade Level Classrooms**  
**20 Classrooms**

**20 Classrooms**

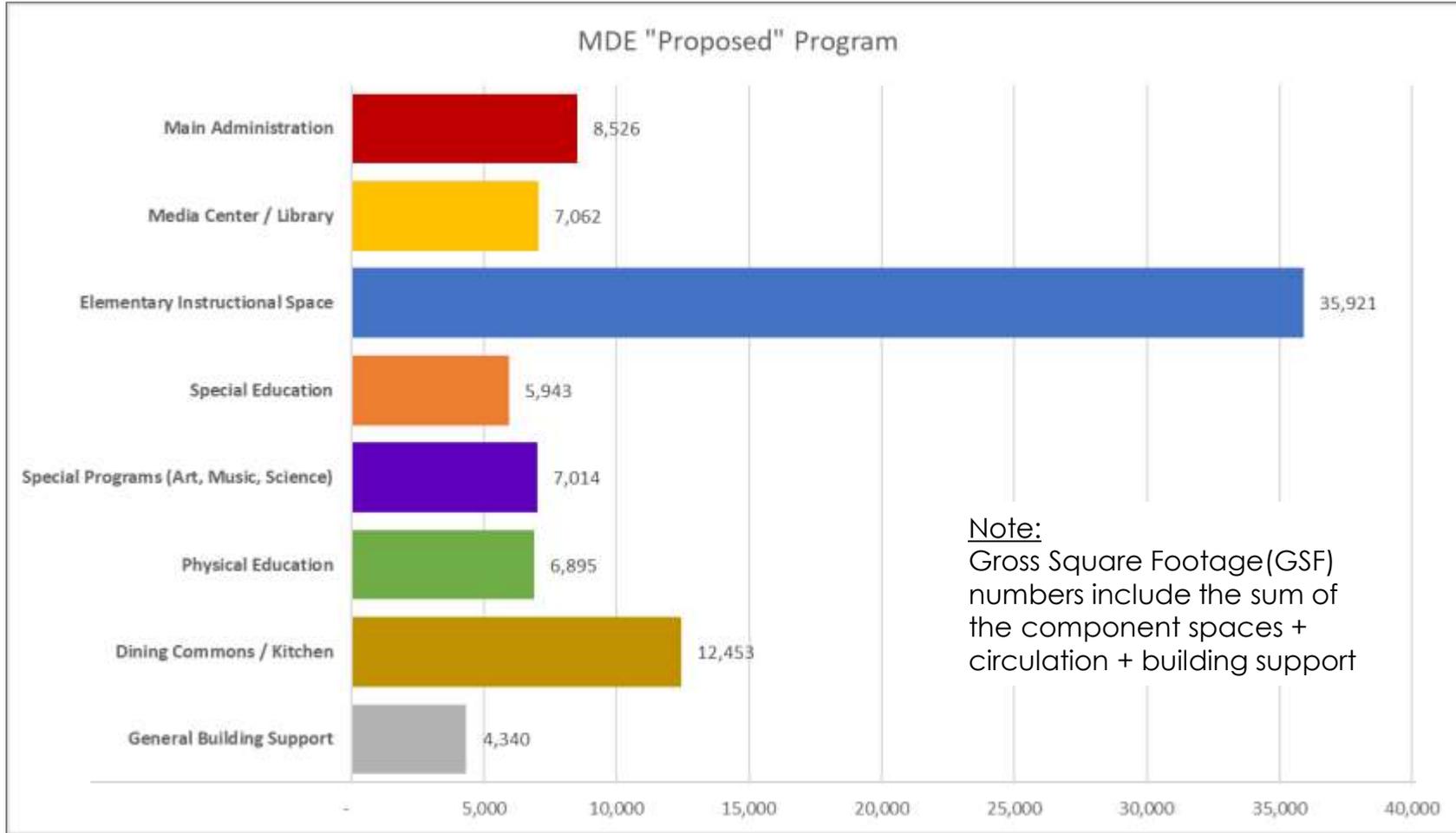
- 4 = PK/Kinder
- 3 = 1<sup>st</sup> grade
- 3 = 2<sup>nd</sup> grade
- 3 = 3<sup>rd</sup> grade
- 4 = 4<sup>th</sup> grade
- 3 = 5<sup>th</sup> grade

**Special Education Classrooms**  
**Instructional Support Staff**



# PAT Mtg#3: New MDE - "Proposed" Building Program Overview

MEMORIAL DRIVE ELEMENTARY SCHOOL



**Total Building Square Footage**  
**88,155 GSF**

**Future Target Capacity**  
**550 Students**

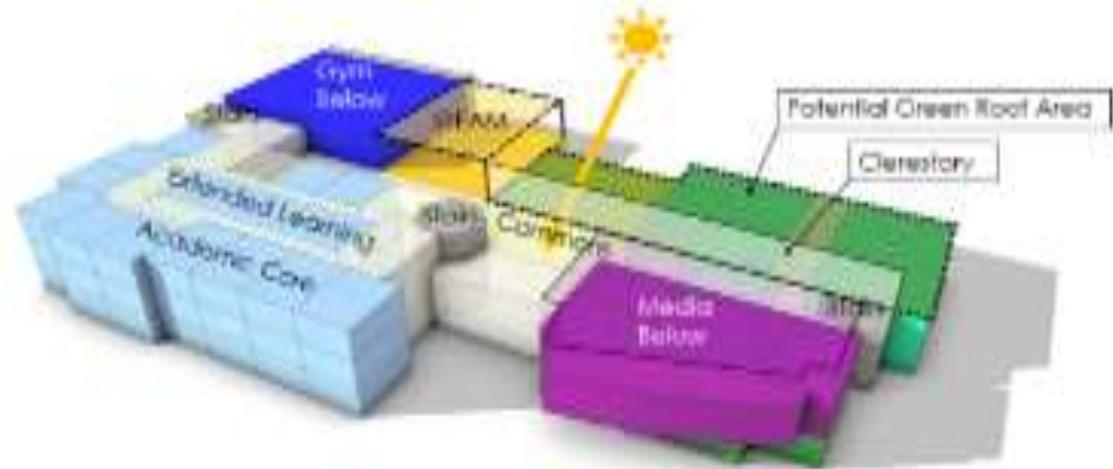
**Grade Level Classrooms**  
**24 Classrooms (PK/K – 5<sup>th</sup>)**

- 24 Classrooms**
- 4 = PK/Kinder
  - 4 = 1<sup>st</sup> grade
  - 4 = 2<sup>nd</sup> grade
  - 4 = 3<sup>rd</sup> grade
  - 4 = 4<sup>th</sup> grade
  - 4 = 5<sup>th</sup> grade

**Special Education Classrooms**  
**Instructional Support Staff**

# Item 5

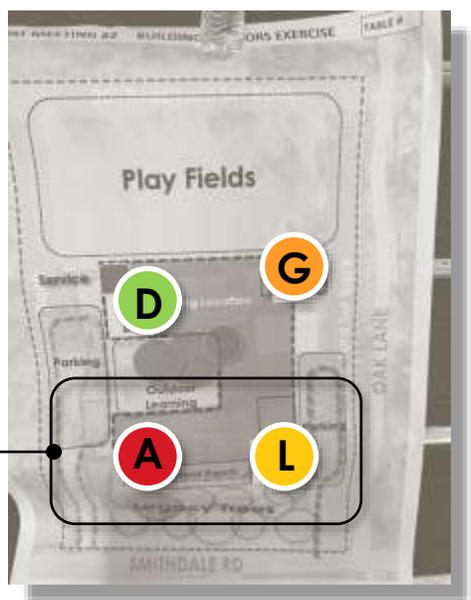
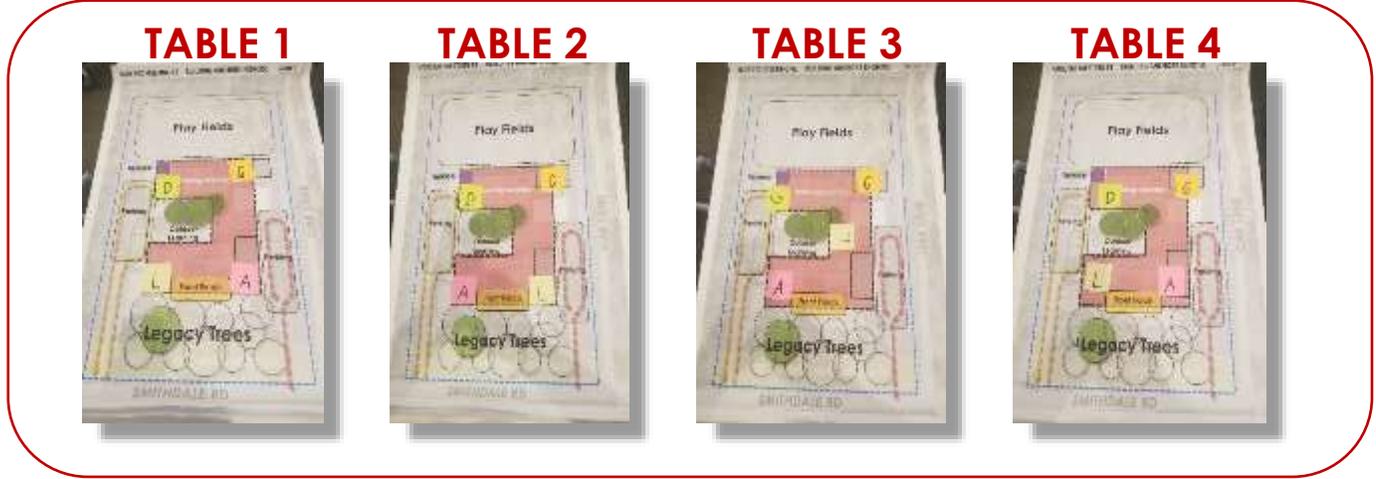
## PAT MEETING #3 PAT Engagement Building Layout Options





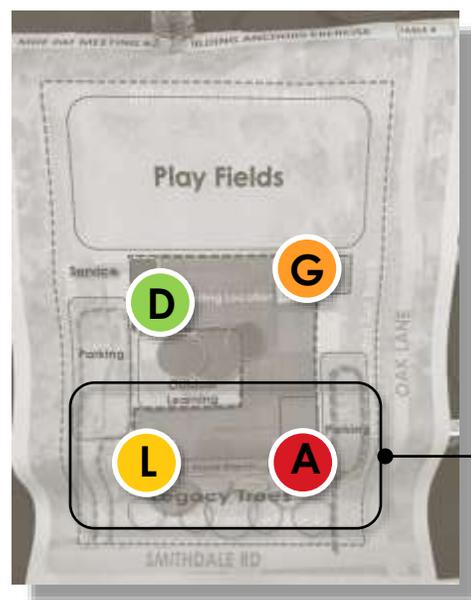
# PAT Mtg#3 Engagement: Site Anchors → Inform Building Layout

MEMORIAL DRIVE ELEMENTARY SCHOOL



**Administration - West**  
**Library - East (Existing)**

Design Option "A"



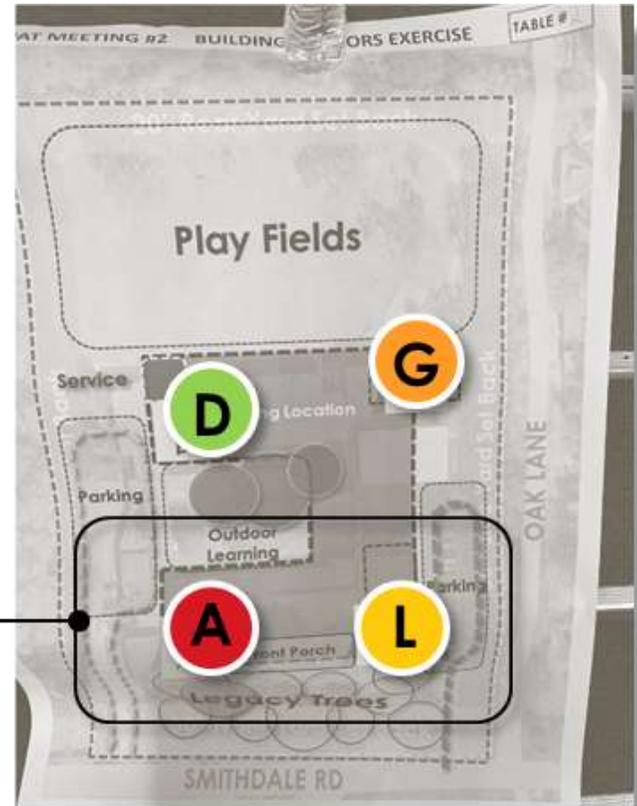
**Administration - East (Exist Library)**  
**Library - West**

Design Option "B"



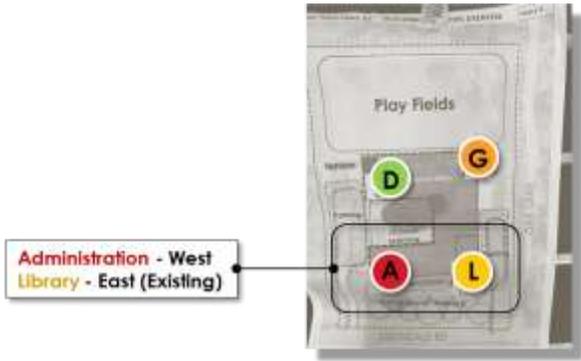
# Design Option A

**Administration - West**  
**Library - East (Existing)**



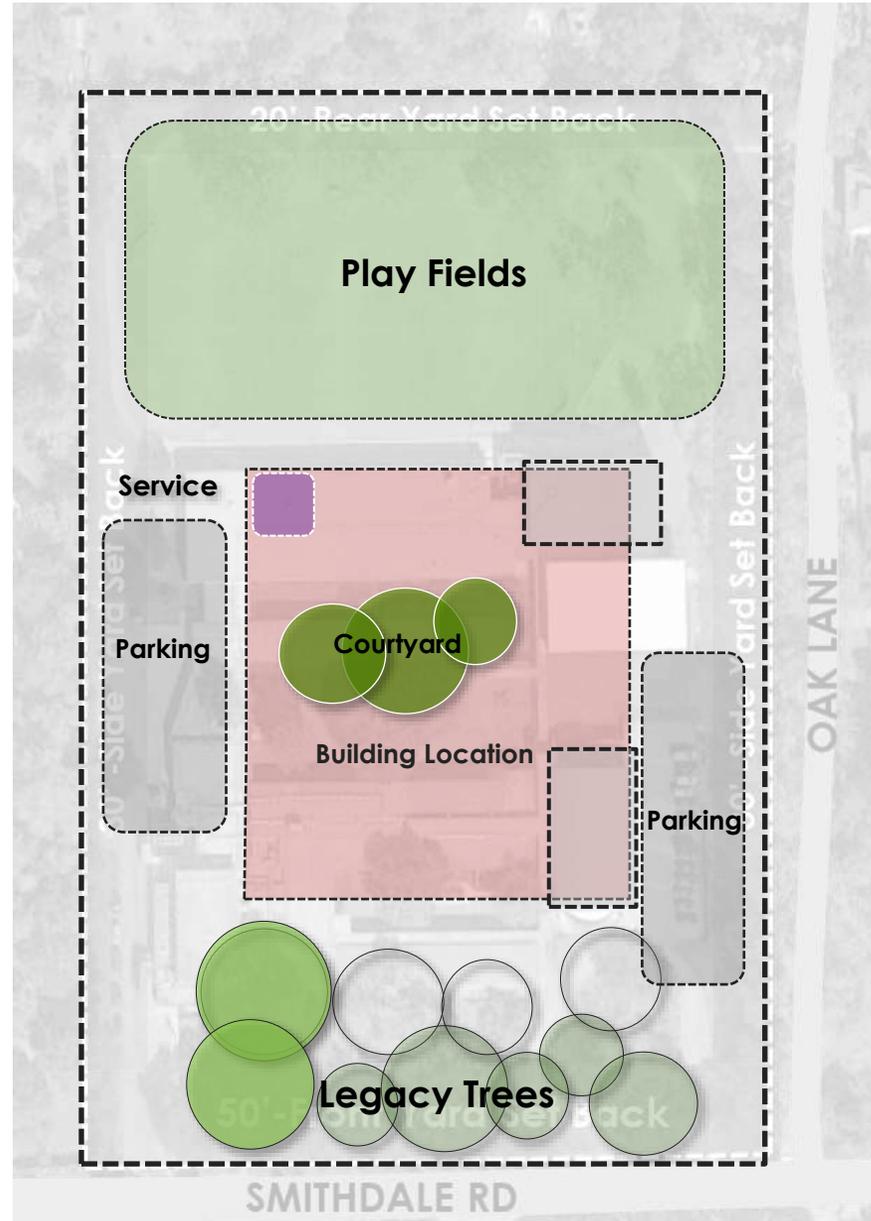


# PAT Mtg#3: Functional Relationships - Option A



**Design Option "A"**

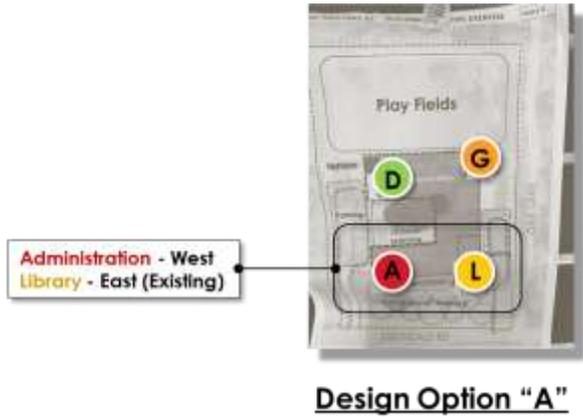
## Building Location



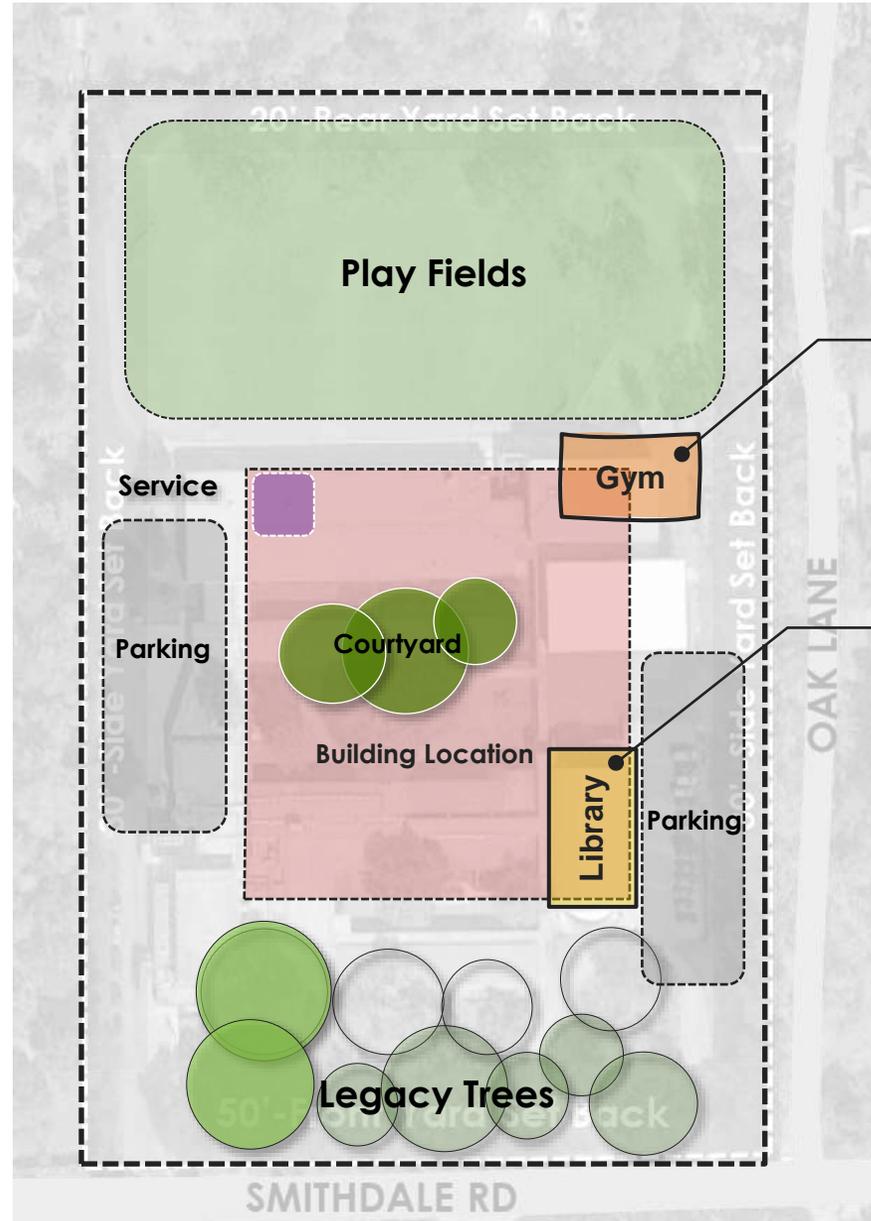


# PAT Mtg#3: Functional Relationships - Option A

MEMORIAL DRIVE ELEMENTARY SCHOOL



Building Location  
Repurpose Gym + Library



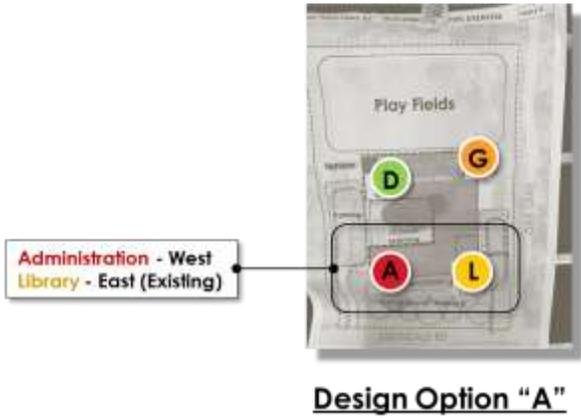
Repurpose  
Existing Buildings  
Existing Functions

Existing Gym → Gym

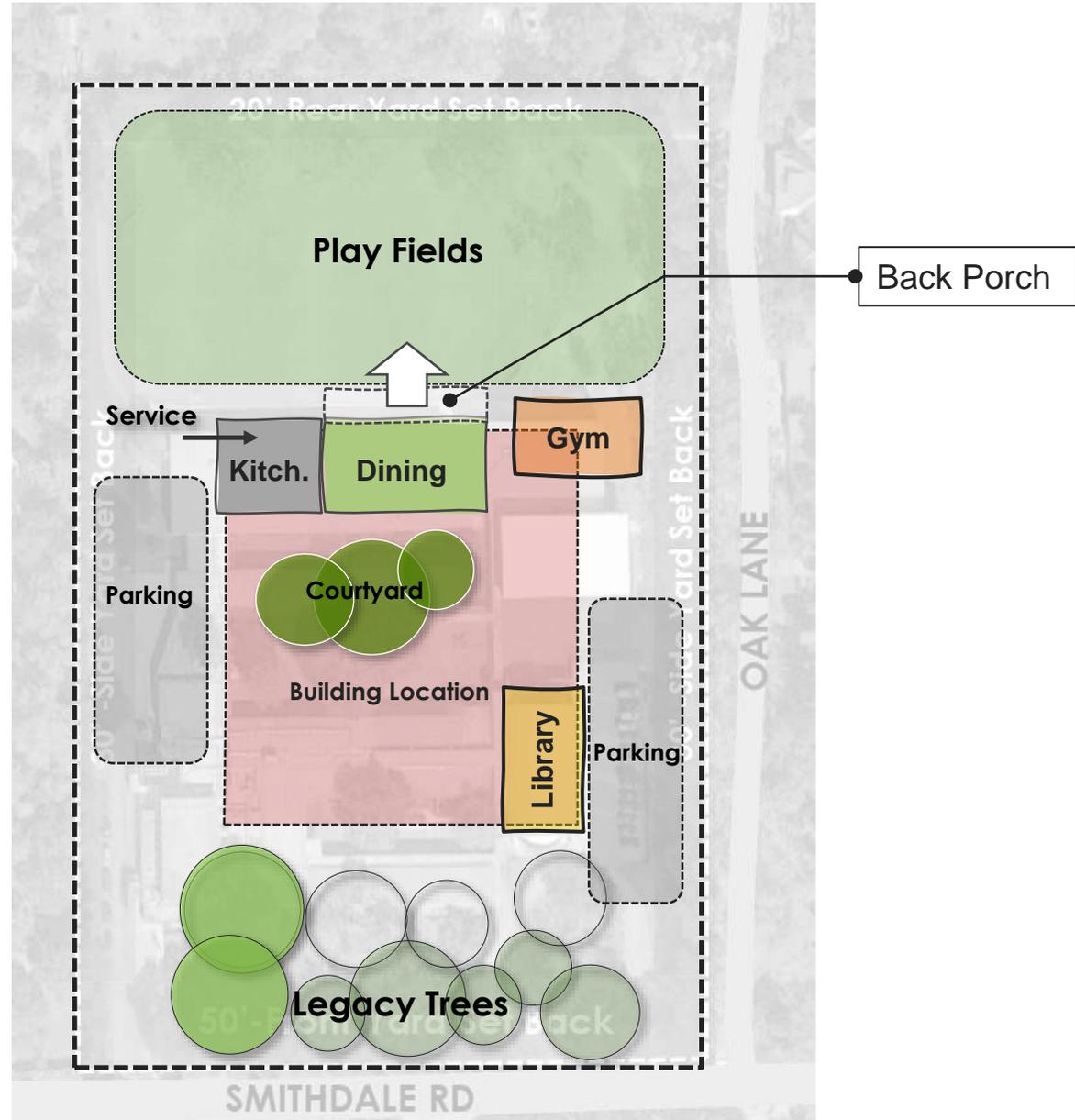
Existing Library → Library



# PAT Mtg#3: Functional Relationships - Option A

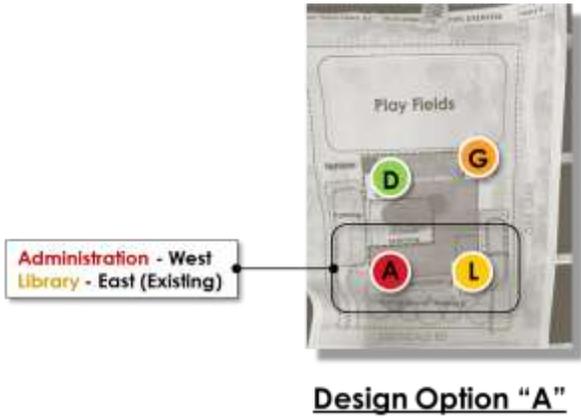


Building Location  
 Repurpose Gym + Library  
**Dining + Kitchen & Building Service**



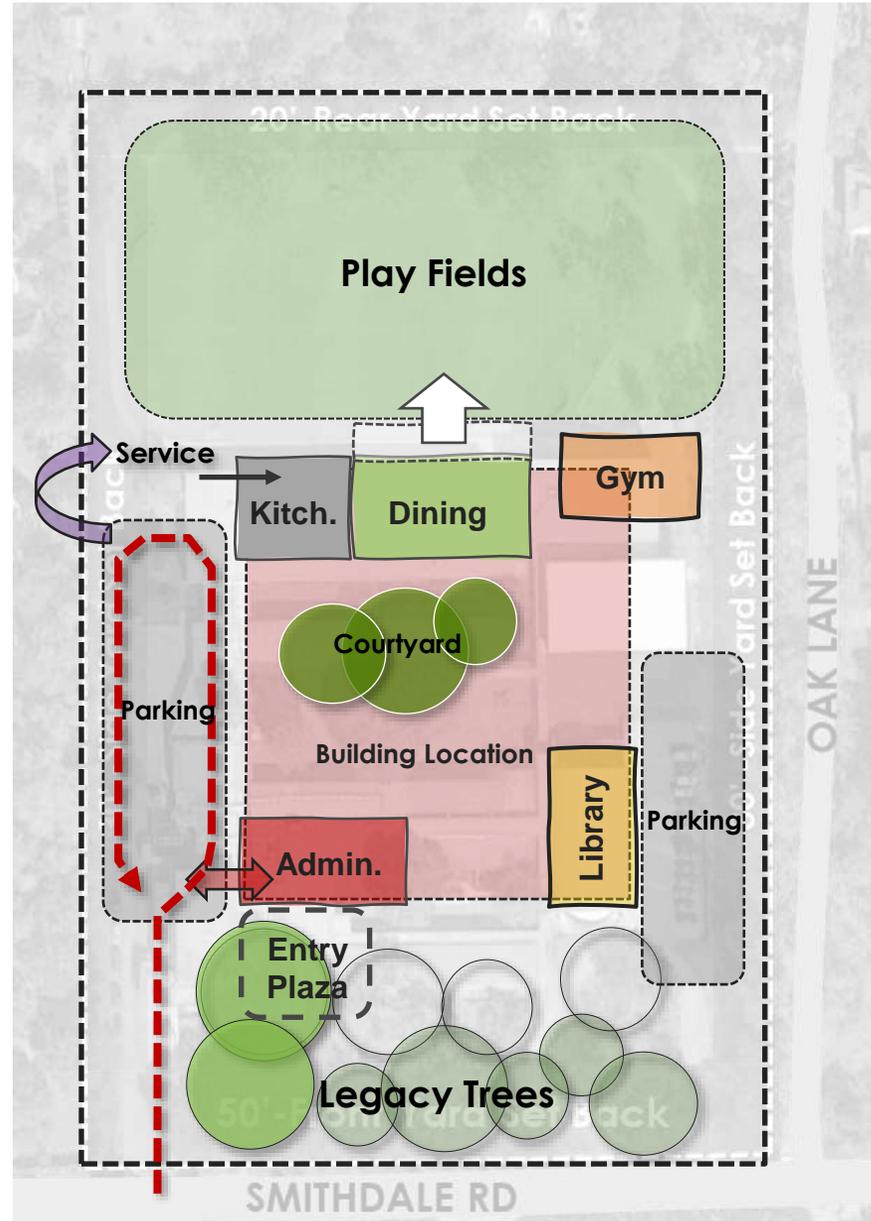


# PAT Mtg#3: Functional Relationships - Option A



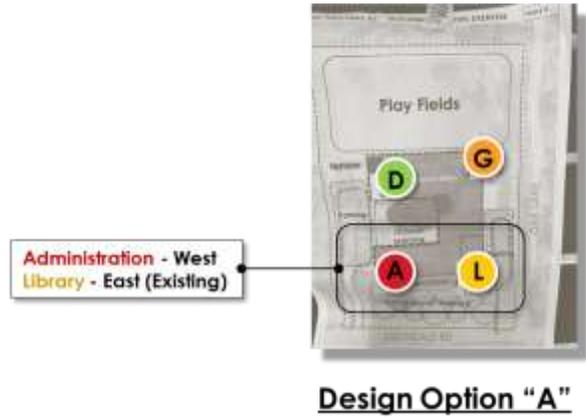
- Building Location
- Repurpose Gym + Library
- Dining + Kitchen & Building Service
- Administration
- Parent Drop Off / Entry Plaza... Service

Limited Car Stacking

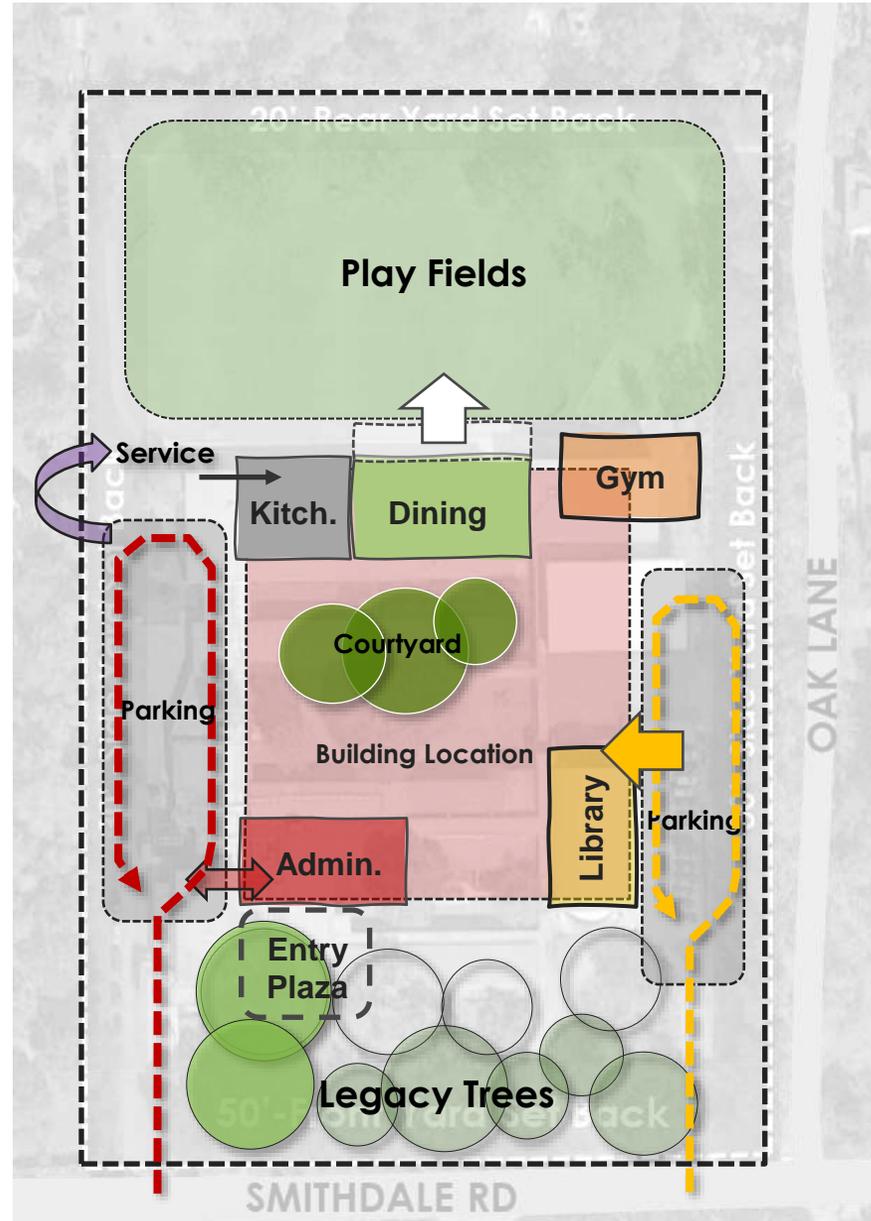




# PAT Mtg#3: Functional Relationships - Option A

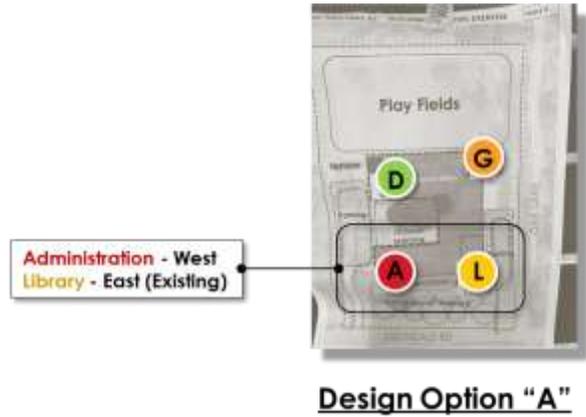


- Building Location
- Repurpose Gym + Library
- Dining + Kitchen & Building Service
- Administration
- Parent Drop Off / Entry Plaza... Service
- Bus Loop + Drop-off**

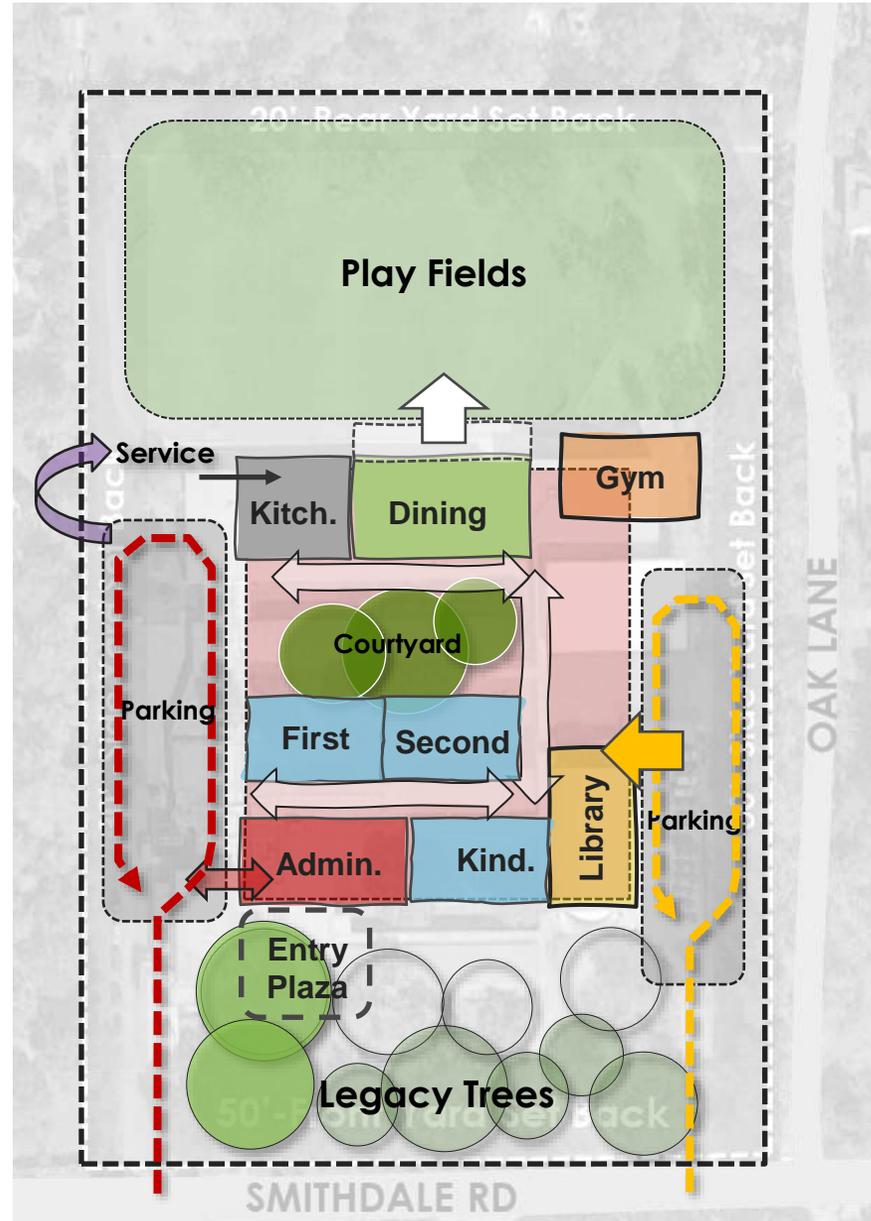




# PAT Mtg#3: Functional Relationships - Option A

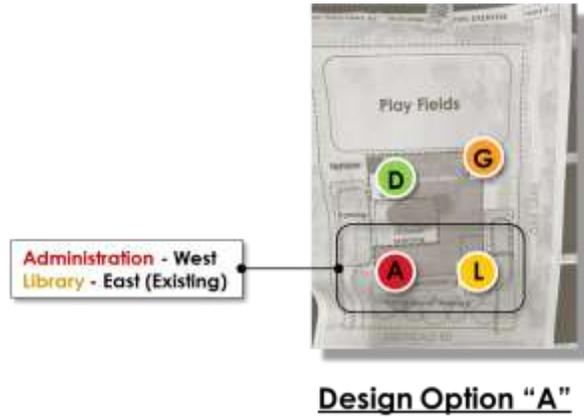


- Building Location
- Repurpose Gym + Library
- Dining + Kitchen & Building Service
- Administration
- Parent Drop Off / Entry Plaza... Service
- Bus Loop + Drop-off
- Learning Communities
- Building Circulation

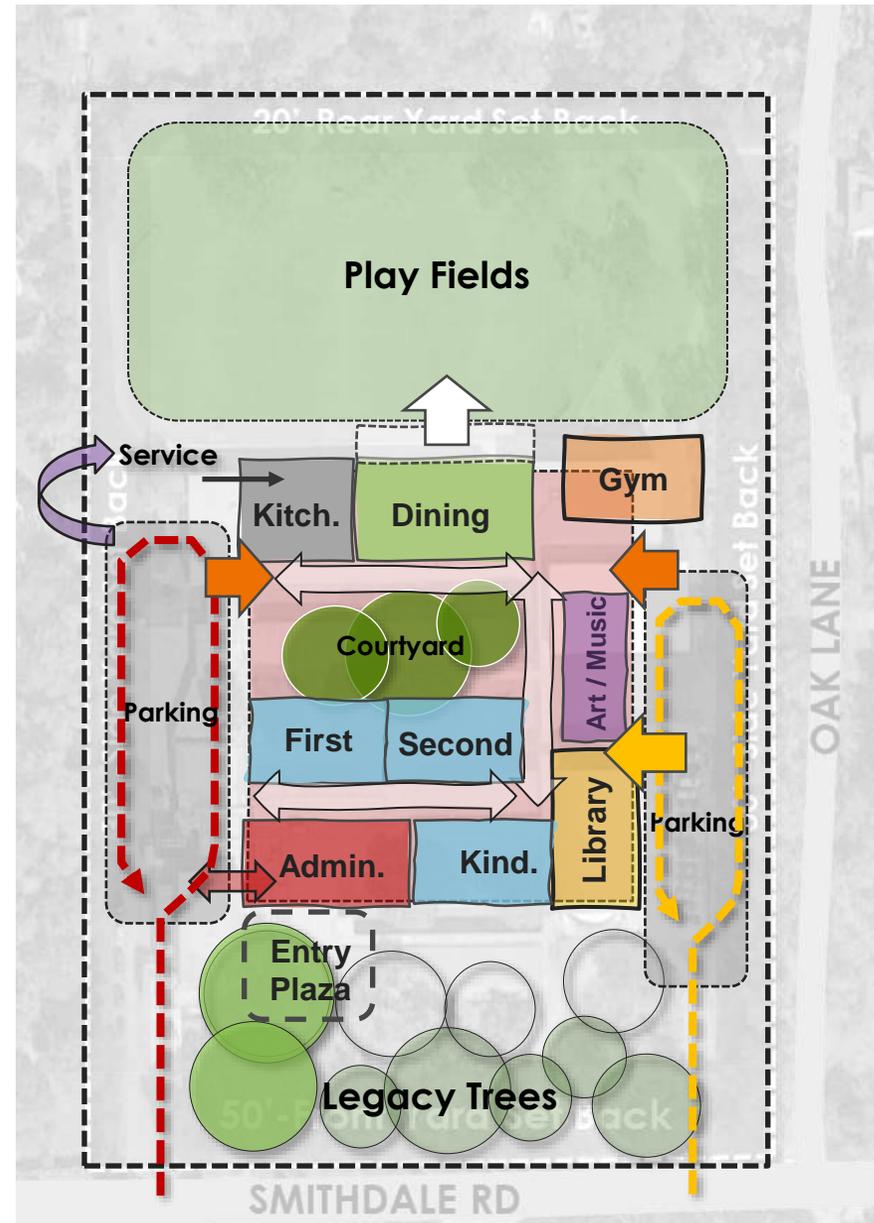




# PAT Mtg#3: Functional Relationships - Option A

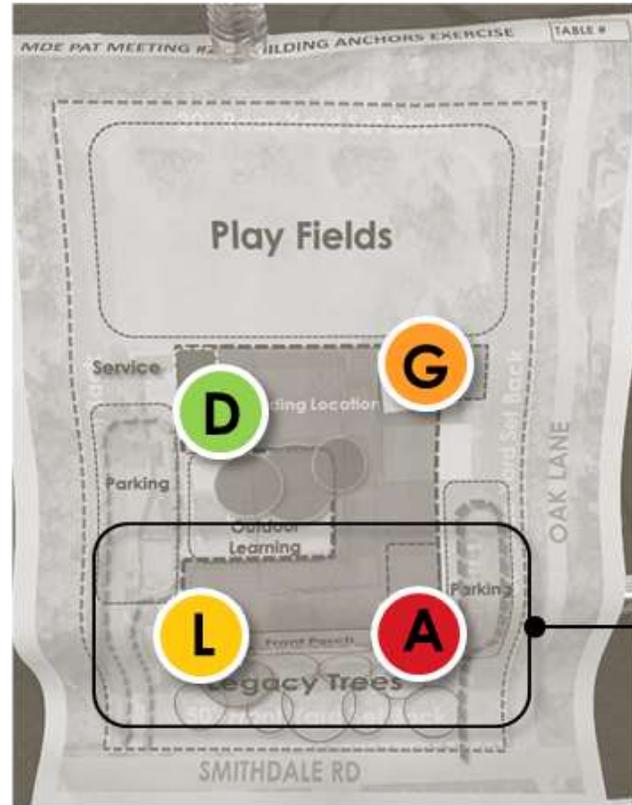


- Building Location
- Repurpose Gym + Library
- Dining + Kitchen & Building Service
- Administration
- Parent Drop Off / Entry Plaza... Service
- Bus Loop + Drop-off
- Learning Communities
- Building Circulation
- Specials (Art, Music, Science)**
- Event Access**





# Design Option B

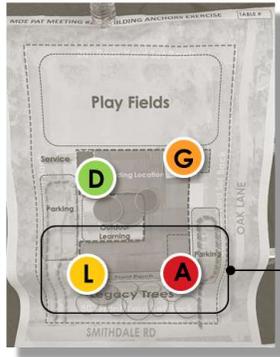


**Administration - East (Exist Library)**  
**Library - West**



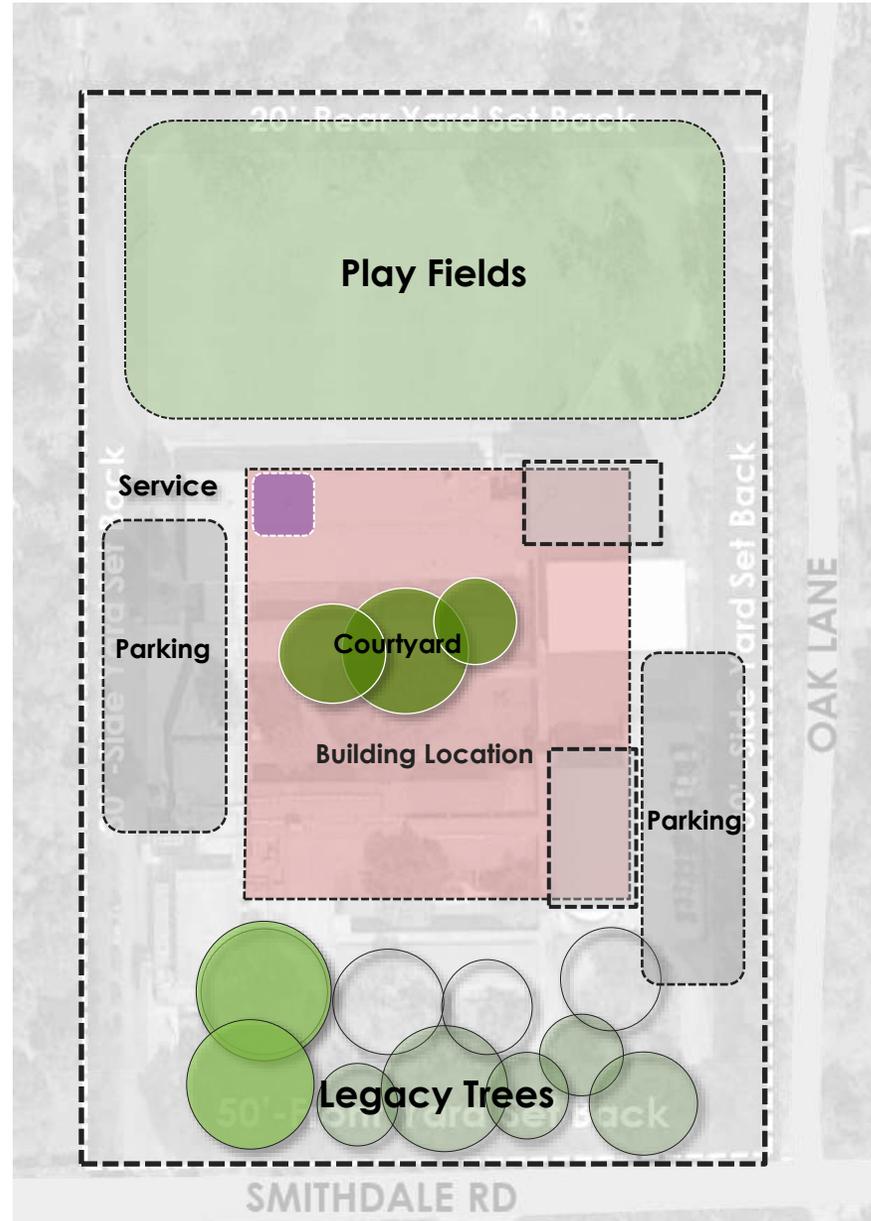
# PAT Mtg#3: Functional Relationships - Option B

MEMORIAL DRIVE ELEMENTARY SCHOOL



Administration - East (Exist Library)  
Library - West

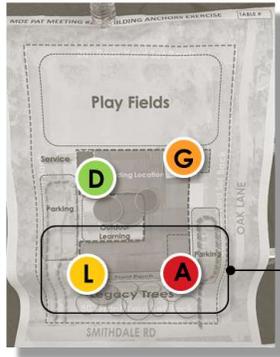
## Building Location





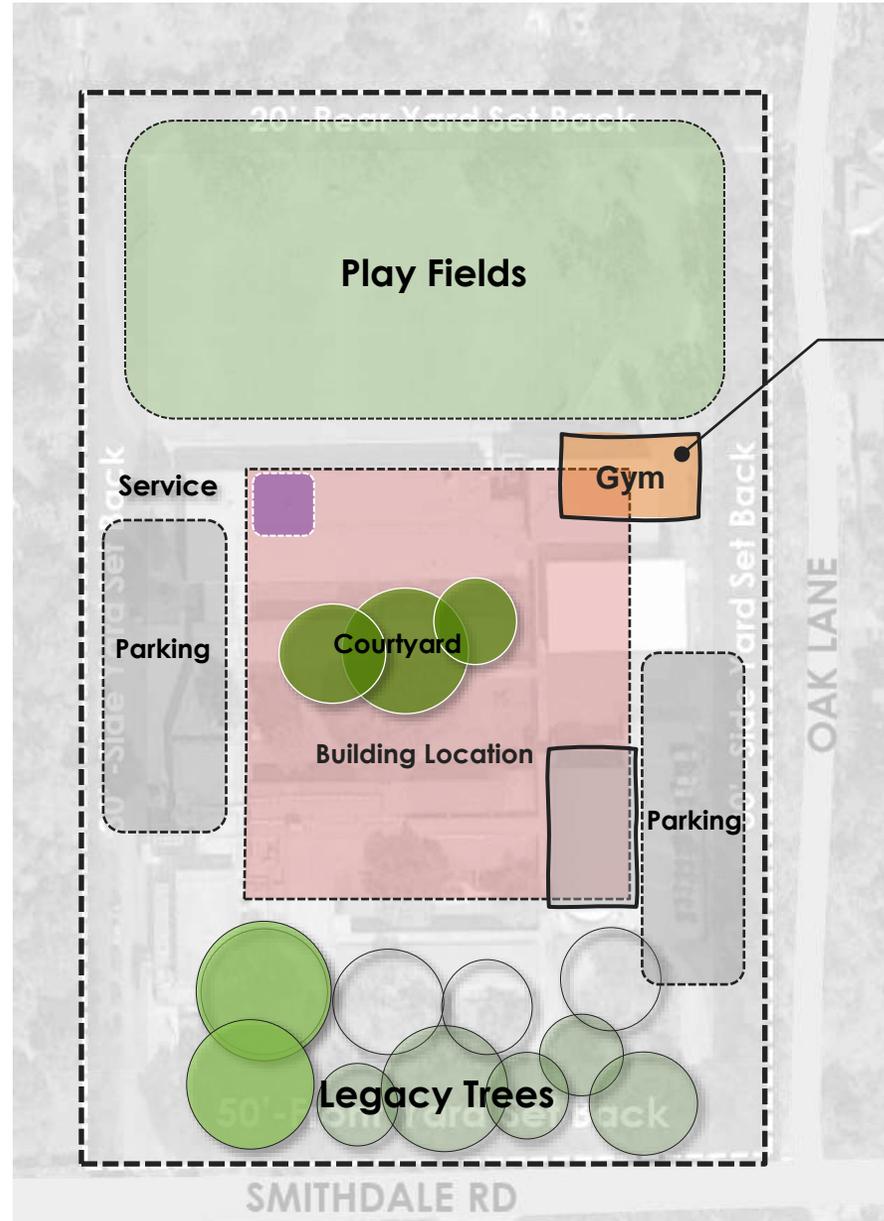
# PAT Mtg#3: Functional Relationships - Option B

MEMORIAL DRIVE ELEMENTARY SCHOOL



Administration - East (Exist Library)  
Library - West

Building Location  
Repurpose Gym



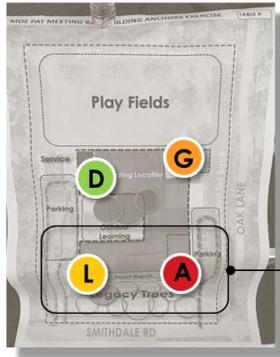
Repurpose  
Existing Building  
Existing Function

Existing Gym → Gym



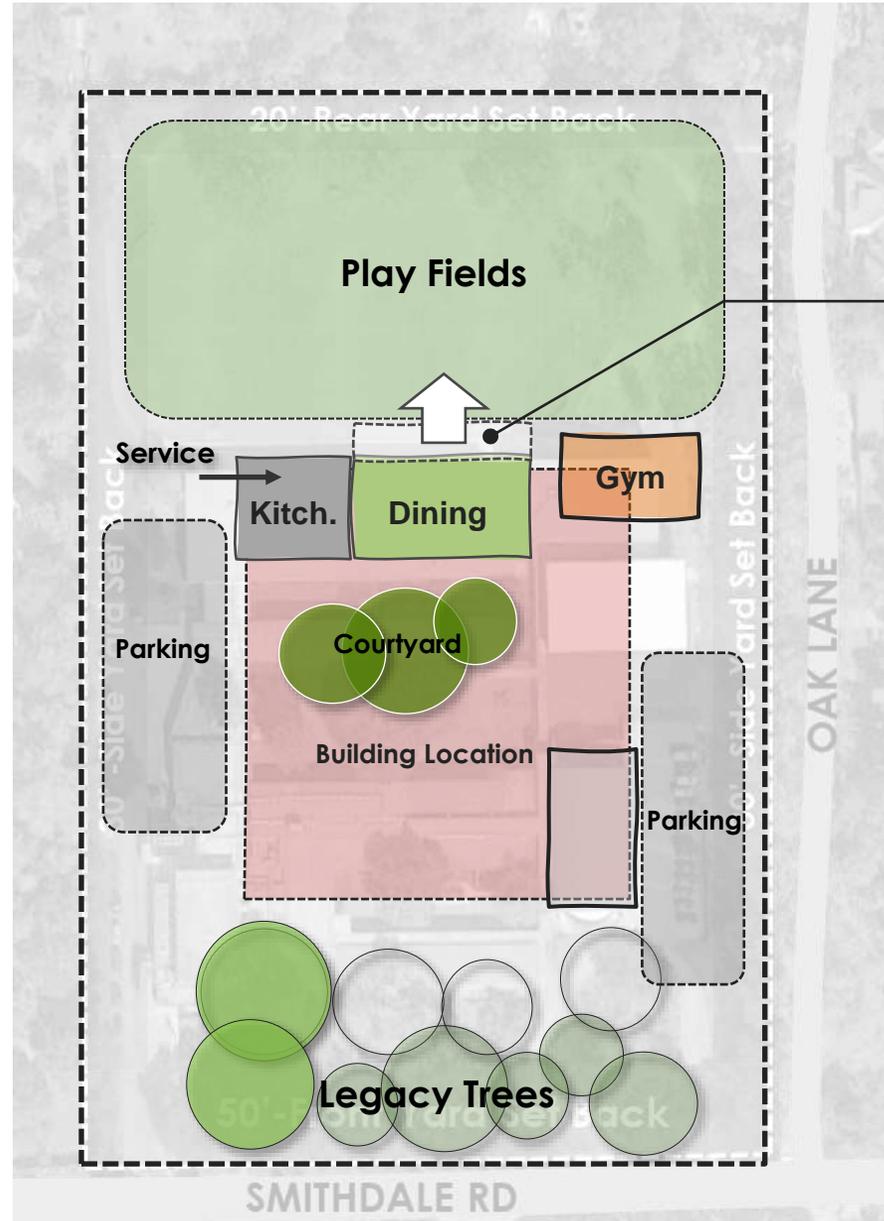
# PAT Mtg#3: Functional Relationships - Option B

MEMORIAL DRIVE ELEMENTARY SCHOOL



Administration - East (Exist Library)  
Library - West

Building Location  
Repurpose Gym  
Dining + Kitchen & Building Service

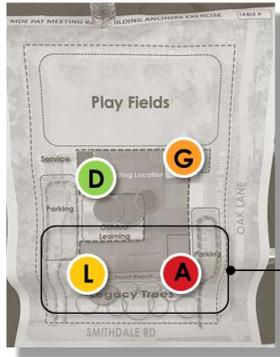


Back Porch



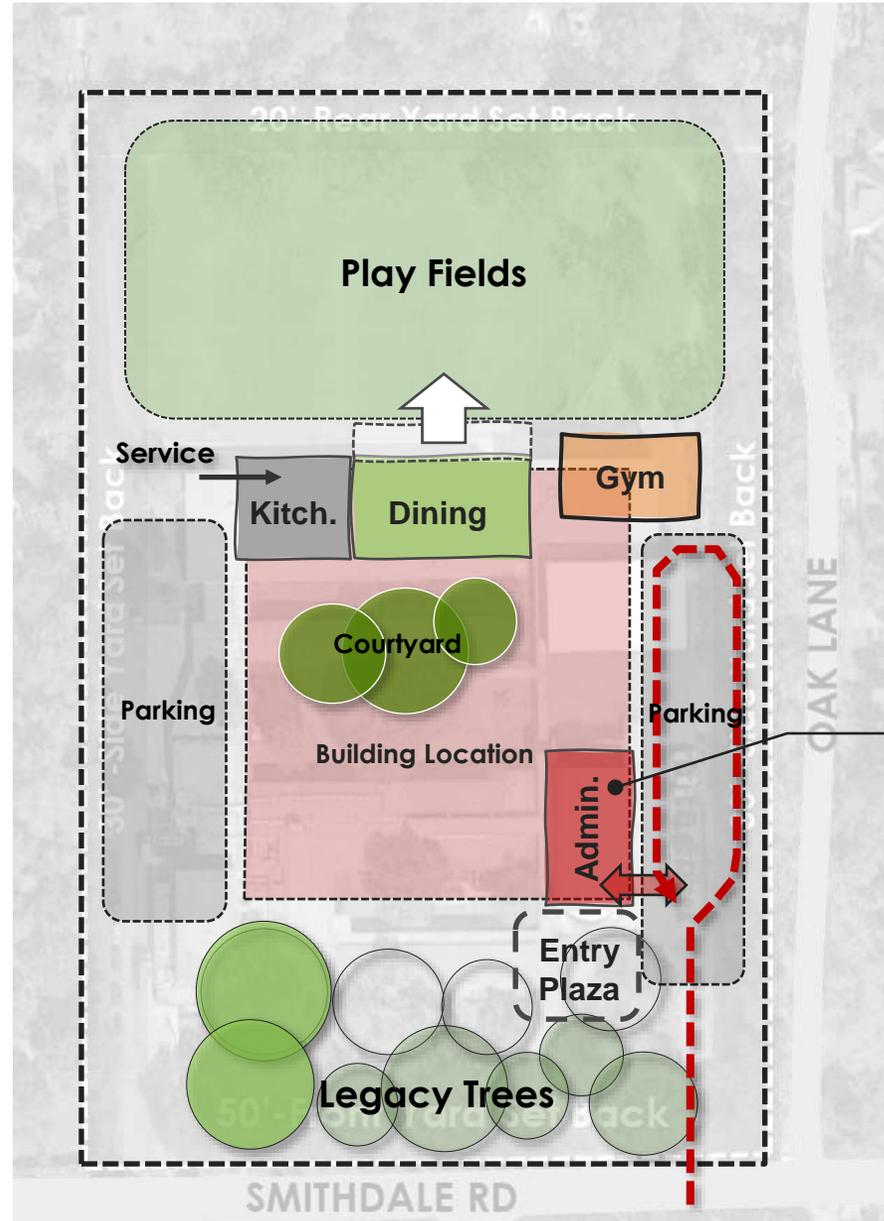
# PAT Mtg#3: Functional Relationships - Option B

MEMORIAL DRIVE ELEMENTARY SCHOOL



Administration -East (Exist Library)  
Library - West

- Building Location
- Repurpose Gym
- Dining + Kitchen & Building Service
- Administration (Repurpose Library)
- Parent Drop Off / Entry Plaza



Repurpose Existing Building New Function

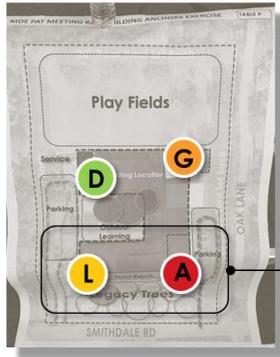
Existing Library → Admin

Extended Car Stacking



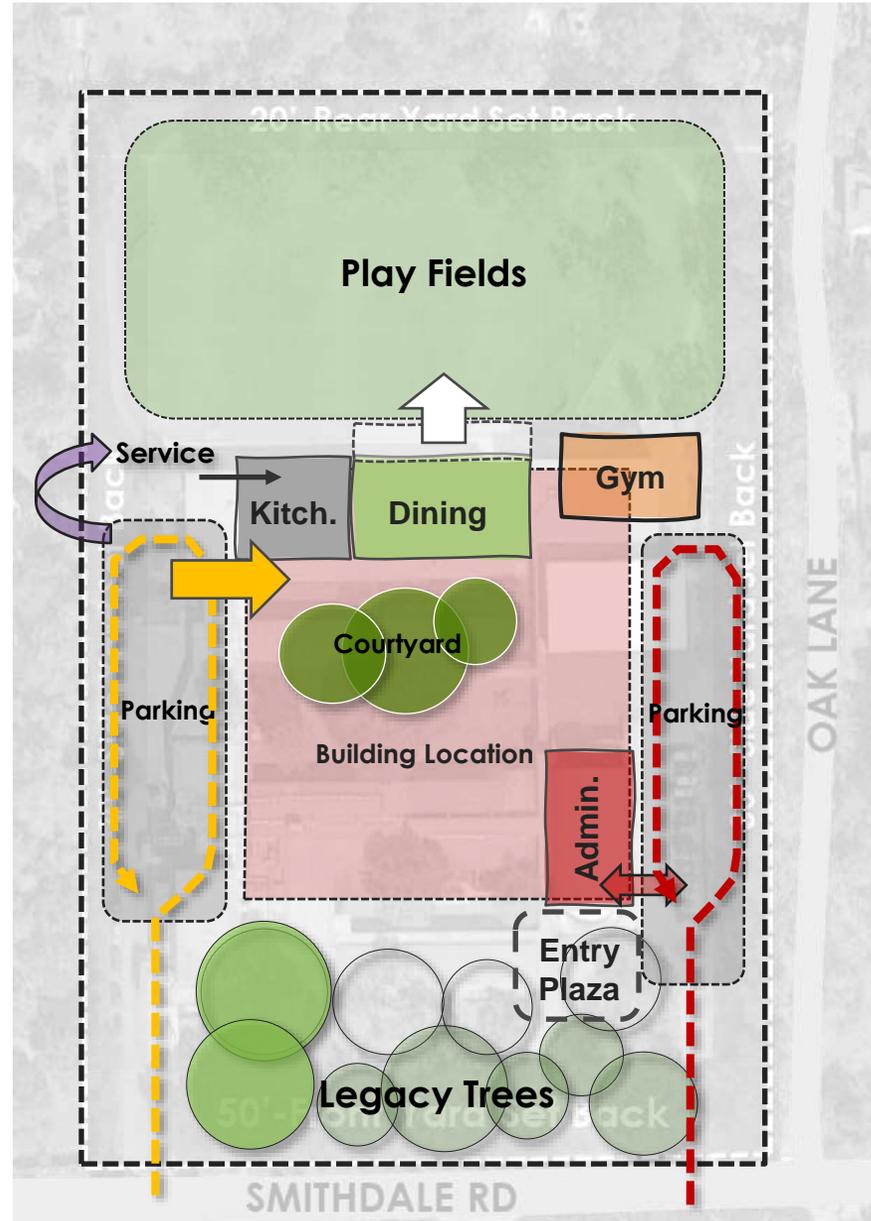
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MEMORIAL DRIVE ELEMENTARY SCHOOL



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Library - West

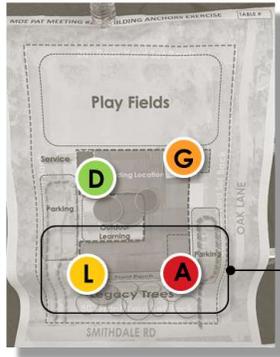
- Building Location
- Repurpose Gym
- Dining + Kitchen & Building Service
- Administration (Repurpose Library)
- Parent Drop Off / Entry Plaza
- Bus Loop + Drop-off**





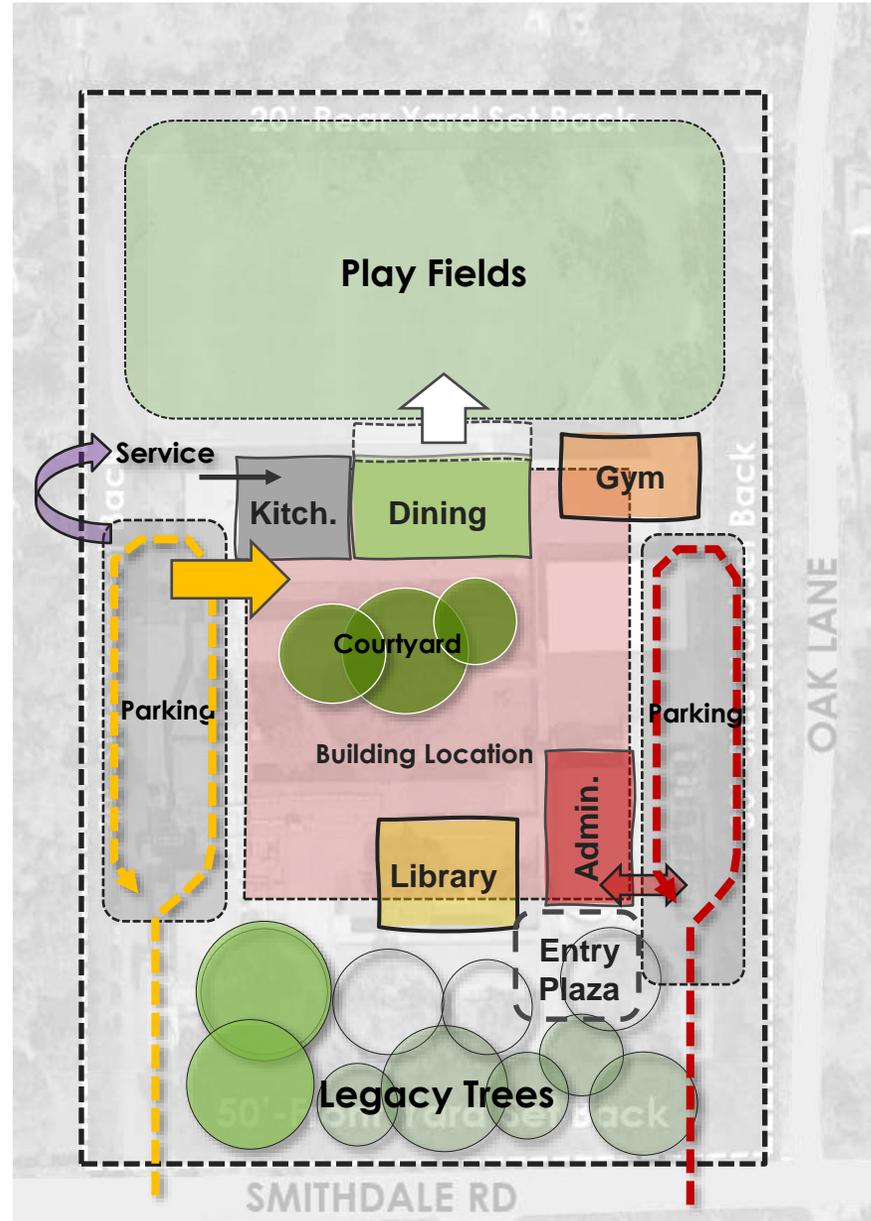
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Library - West

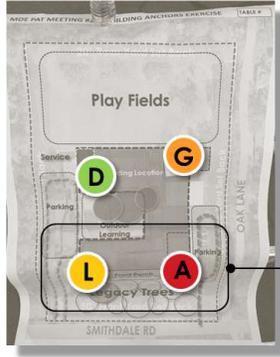
- Building Location
- Repurpose Gym
- Dining + Kitchen & Building Service
- Administration (Repurpose Library)
- Parent Drop Off / Entry Plaza
- Bus Loop + Drop-off
- Library (Adjacent to Entry Plaza)**





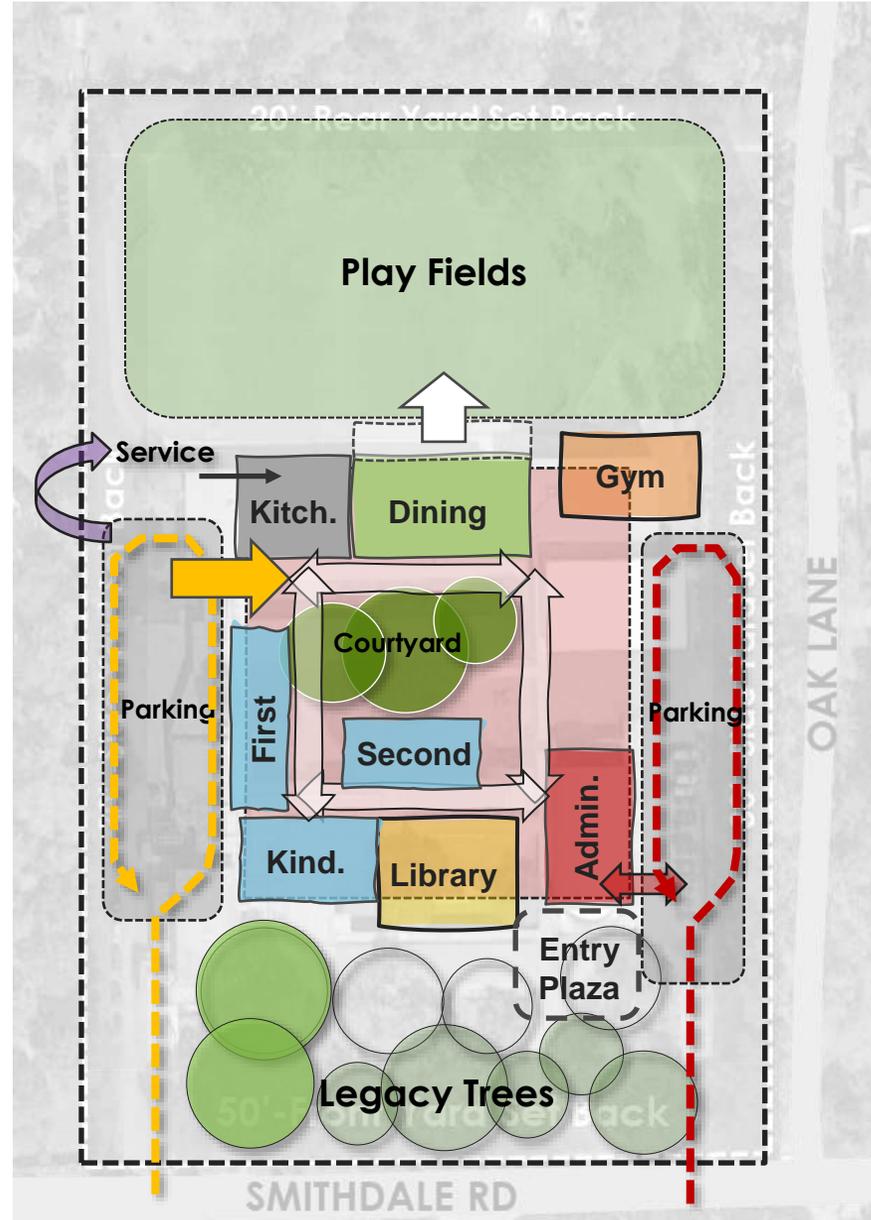
# PAT Mtg#3: Functional Relationships - Option B

MEMORIAL DRIVE ELEMENTARY SCHOOL



Administration - East (Exist Library)  
Library - West

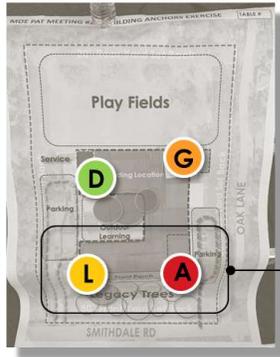
- Building Location
- Repurpose Gym
- Dining + Kitchen & Building Service
- Administration (Repurpose Library)
- Parent Drop Off / Entry Plaza
- Bus Loop + Drop-off
- Library (Adjacent to Entry Plaza)
- Learning Communities**
- Building Circulation**





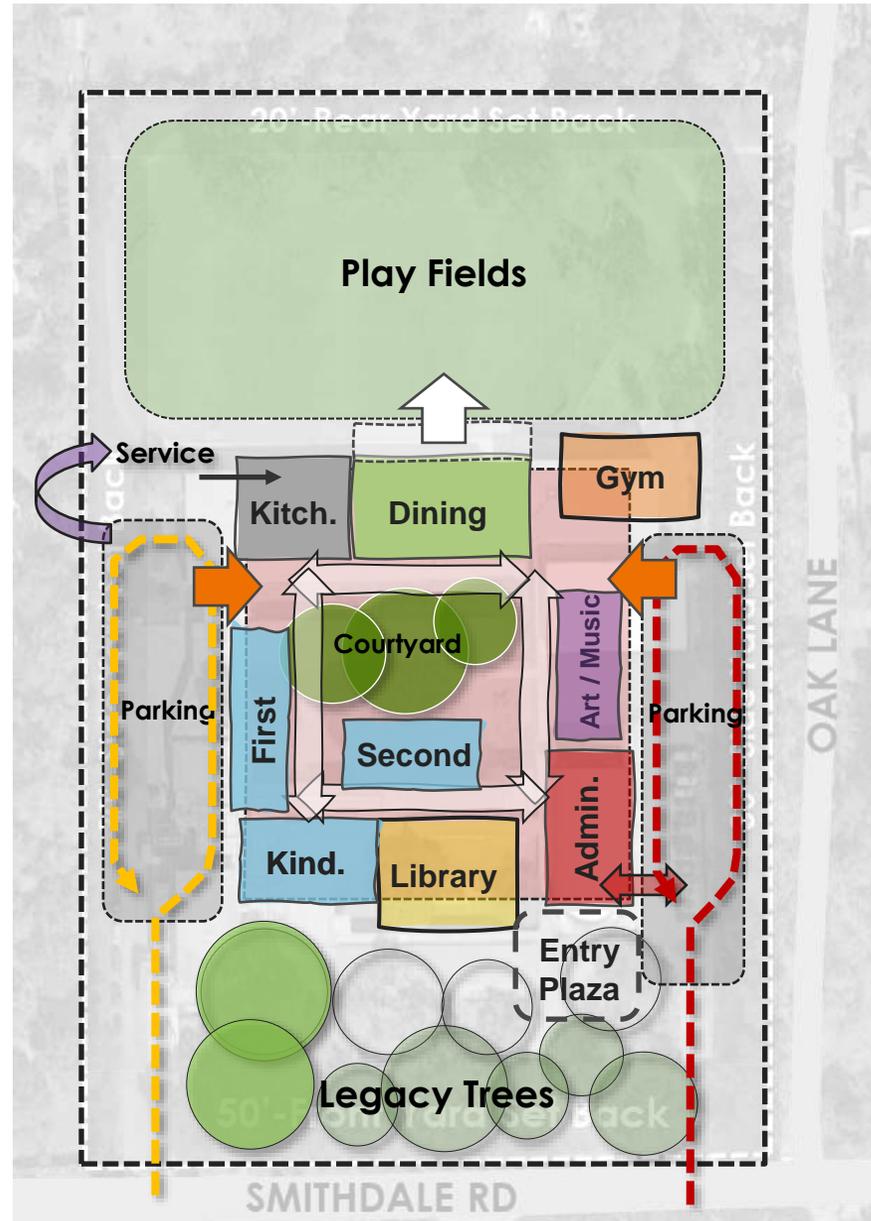
# PAT Mtg#3: Functional Relationships - Option B

MEMORIAL DRIVE ELEMENTARY SCHOOL



Administration - East (Exist Library)  
Library - West

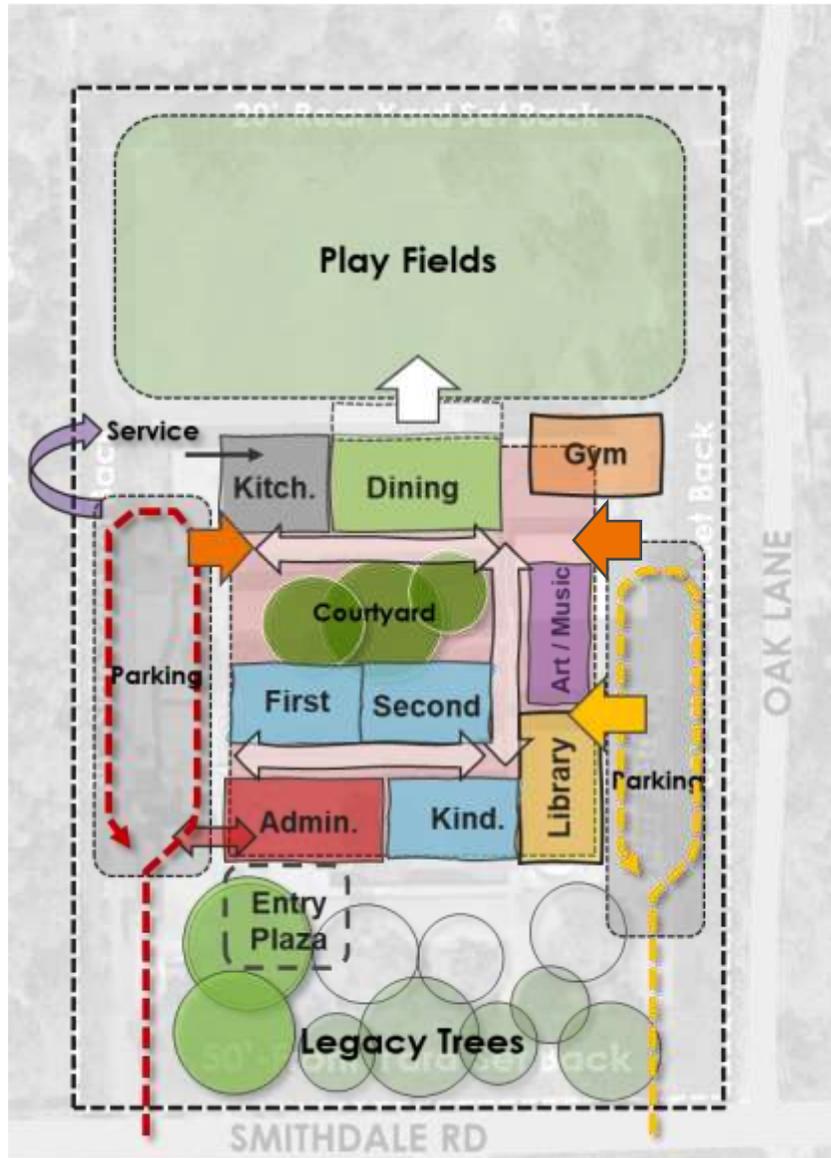
- Building Location
- Repurpose Gym
- Dining + Kitchen & Building Service
- Administration (Repurpose Library)
- Parent Drop Off / Entry Plaza
- Bus Loop + Drop-off
- Library (Adjacent to Entry Plaza)
- Learning Communities
- Building Circulation
- Specials (Art, Music, Science)**
- Event Access**





# PAT Mtg#3: Organization / Block Diagram – Option A

## Design Option "A"



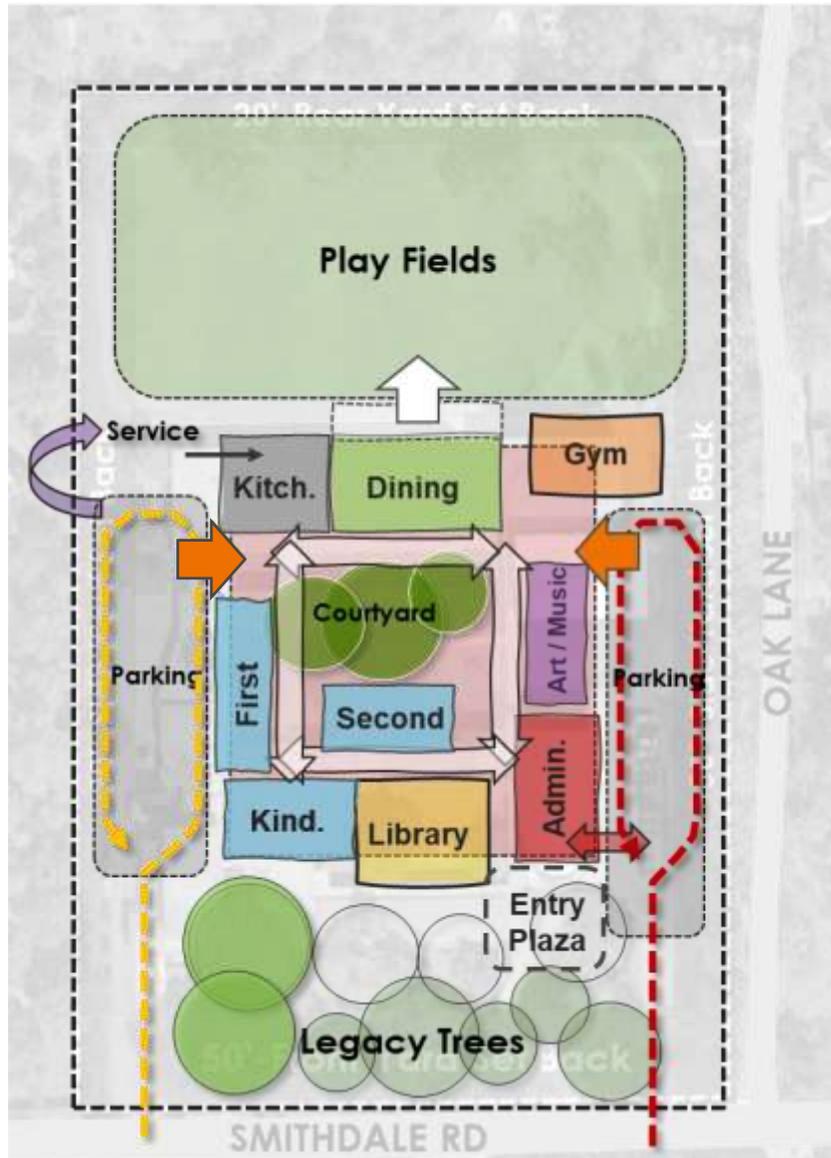
## Block Diagram



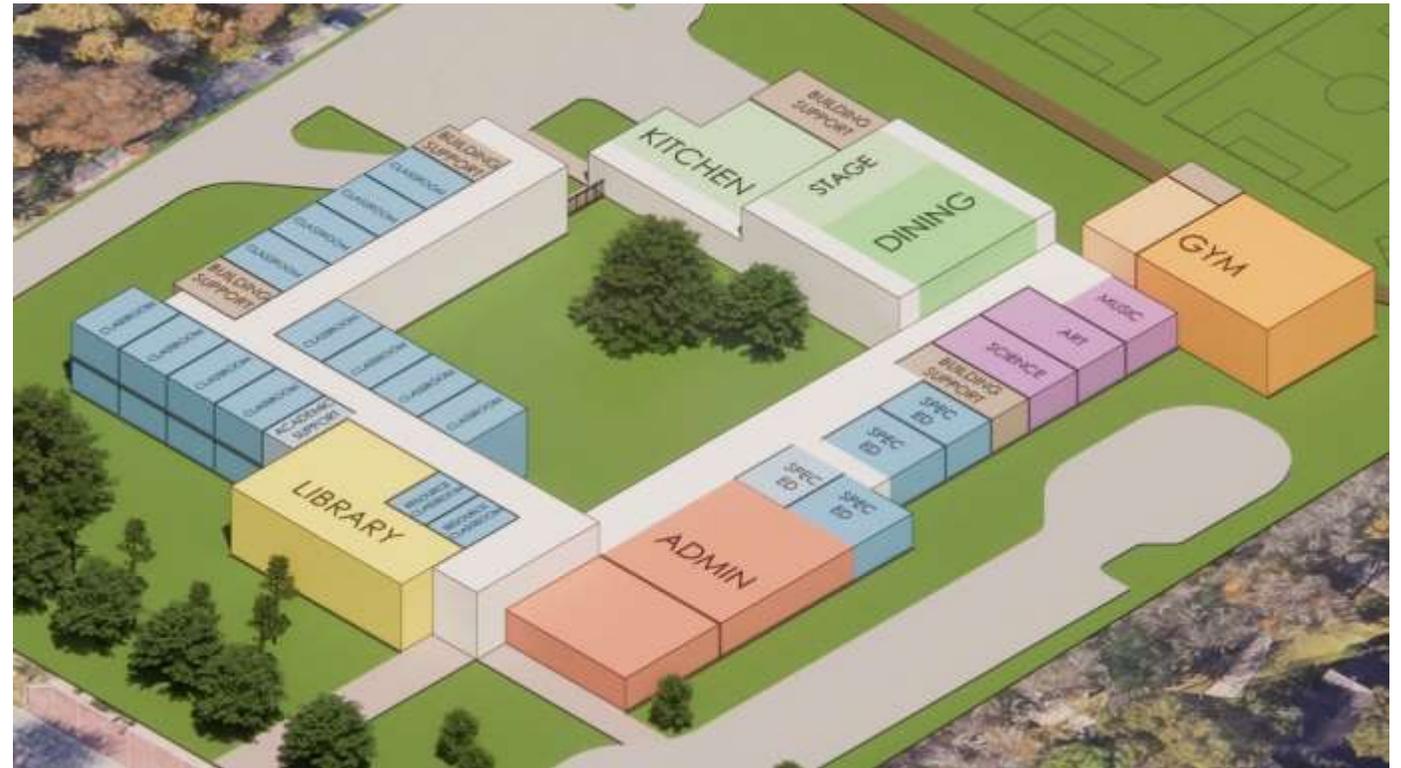


# PAT Mtg#3: Organization / Block Diagram – Option B

## Design Option "B"



## Block Diagram





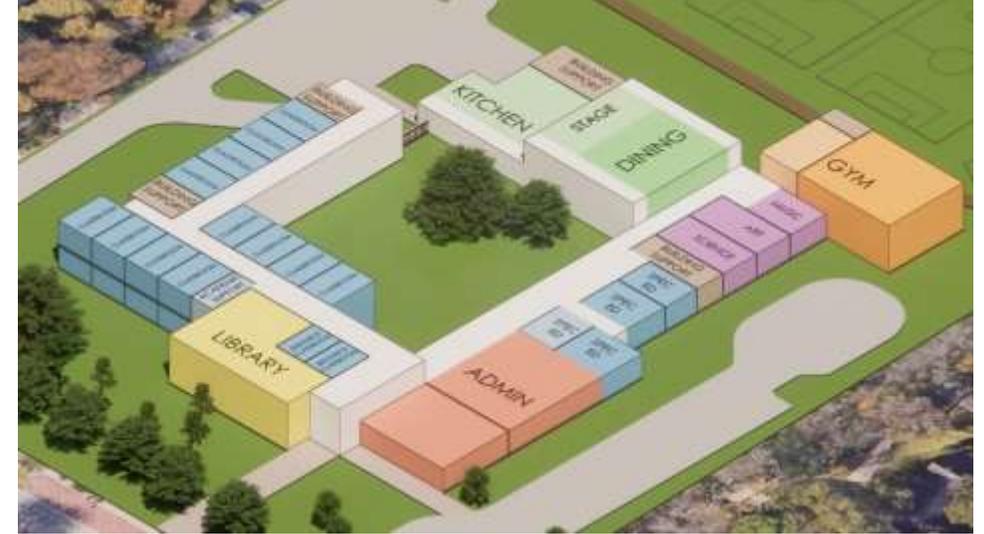
# PAT Mtg#3: Organization / Block Diagram – Option Comparison

MEMORIAL DRIVE ELEMENTARY SCHOOL

### Design Option “A”



### Design Option “B”



<b>Admin</b>	At end of the Building, Far from Gym/Dining	Located near Library   can share multi-purpose room
<b>Library</b>	Sits outside of Learning Communities   has no relationship to shared entry plaza & Admin	Centrally located (heart) of campus   Knowledge on display from street
<b>Dining</b>	Easy Access to Courtyard + Back Porch	Easy Access to Courtyard + Back Porch
<b>Gym</b>	Easy Access to Play Fields	Easy Access to Play Fields
<b>Courtyard</b>	“Exposed Feeling” on the west side	“Intimate Feeling” surrounded by campus
<b>Traffic Flow</b>	Limited Parent Car Stacking	Extended Parent Car Stacking



# PAT Mtg#3:

## Review with PAT

Both Design Options should align with MDE Guiding Principles



## MDE Guiding Principles

### Engage the Intimate Natural Setting

Maintain the small neighborhood school character that engages natural setting with views and access to outdoors

### 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

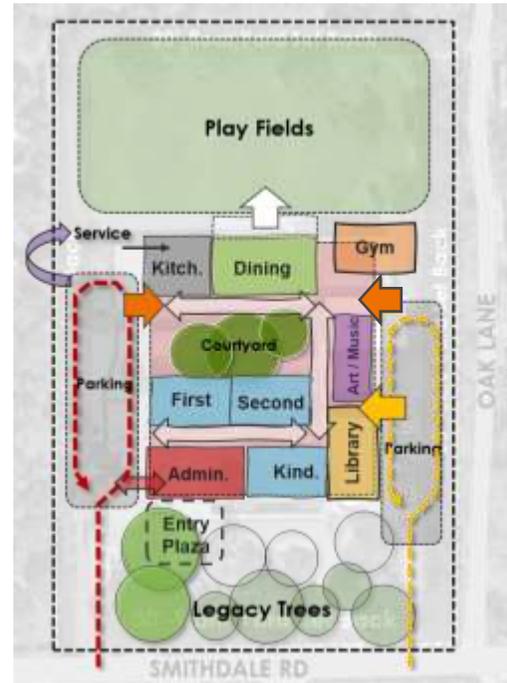
### Perpetuate Our Traditions

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

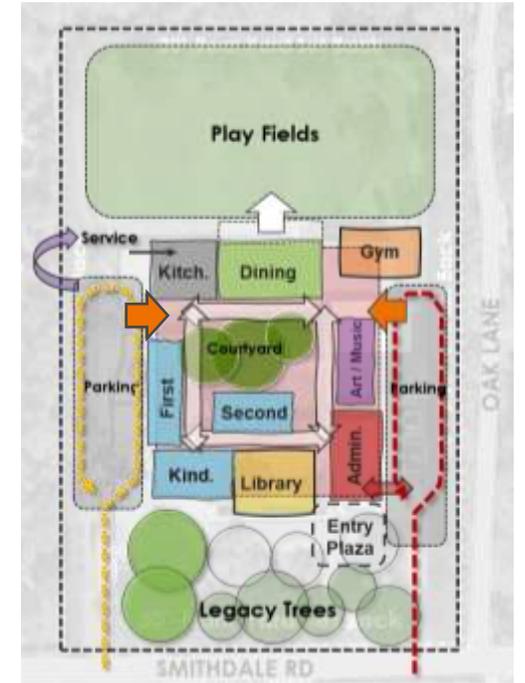
### Demonstrate Our Values

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

## Design Option "A"



## Design Option "B"



Preserves Legacy Trees  
Views and Access to Outdoors

Preserves Legacy Trees  
Views and Access to Outdoors

Connection at Entry Plaza  
Learning Courtyard

Connection at Entry Plaza  
Learning Courtyard

Multiple locations and scales of gathering

Multiple locations and scales of gathering

Will become apparent as design develops

Will become apparent as design develops



# PAT Mtg#3:

## PAT Input



### Functional Relationships

#### Engagement Activity:

10 min Table Consensus

Select Preferred Option

20 min Report Out

### Evaluation Criteria

#### Administration

*Front Door / Community Presence*

#### Library

*Learning Communities Heart / Outdoor Access*

#### Learning Communities

*Grade Level Flexibility / Outdoor Access*

MEMORIAL DRIVE ELEMENTARY SCHOOL

### Design Option "A"



### Design Option "B"







**Item**

**6**

**NEXT STEPS**

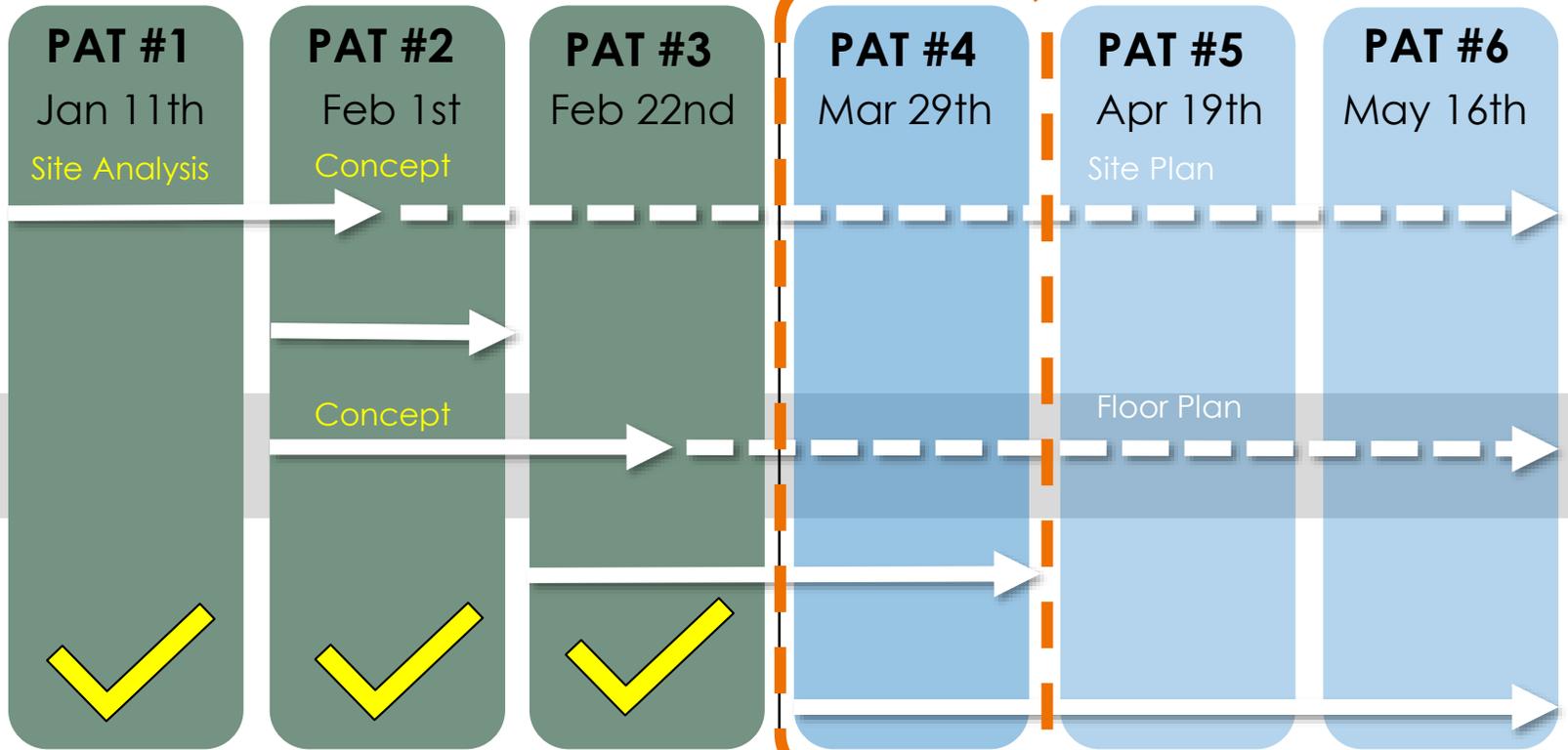




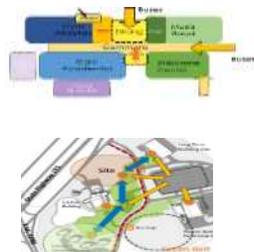
# Next Steps – PAT Engagement Process

- 1 Site Influences
- 2 Program Space Types
- 3 Functional Relationships
- 4 Space Type Attributes
- 5 Architectural Expression

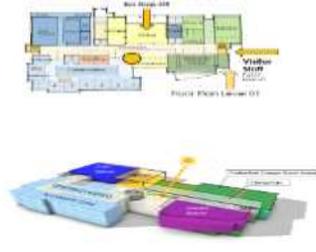
January 2022



CONCEPTUALIZE



EXPLORE



DEVELOP



REFINE





# PAT Meeting #4 – What’s Happening Next?

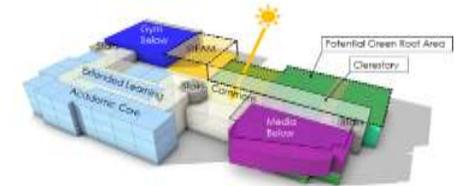
<b>PAT Mtg#3:</b> <b>PAT Input</b> <b>Functional Relationships</b> Engagement Activity: 10 min Table Consensus Select Preferred Option 20 min Report Out <b>Evaluation Criteria</b> Administration <i>Readiness / Community Response</i> Library <i>Learning Community's Readiness / Outdoor Access</i> Learning Communities <i>Workload Feasibility / Outdoor Access</i>	<b>Design Option "A"</b> 	<b>Design Option "B"</b> 

## Review Floor Plan Development

Updated Plan Layout

+

Updated 3D Massing



## Explore Architectural Expression “Elements”

Masonry | Steel | Wood | Glass --- Texture | Pattern | Transparency





**See you at PAT Mtg #4**

**Mar 29, 2022  
3:45 PM**

Memorial Drive ES

**THANK YOU!**

