



Memorial Drive Elementary

Project Advisory Team
Meeting #1
January 11, 2022



Welcome + 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

MDE PARENT ADVISORY TEAM (PAT)

Name	Member Type (Parent, Teacher, Community)
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Agenda

1. PAT Process
2. Project Overview
3. **PAT Engagement-1: Visioning**
4. Site Analysis
5. **PAT Engagement-2: Site Organization**
6. Next Steps

Item

1

PAT PROCESS





MDE 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.

Each PAT is an advisory ad hoc committee, representing the various stakeholders of a school community. As such, the PAT is chartered for a defined purpose and time and holds no statutory authority.

The goal of the PAT is to ensure that parents, staff and community members have the opportunity to take part in the planning and design of new schools.

The PAT members will serve as communicators to and from the community during the schematic design and development phases of the project and participate in discussions that will lead to recommendations. The PAT concludes its work once construction begins.



MDE Project Advisory Team (PAT) - Charge

CHARGE

Each Project Advisory Team's (PAT) members are charged with **providing input into planning and design development of the replacement of Memorial Drive Elementary School.**

The PAT will meet in a series of meetings from initial planning through design to the start of construction.

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** to ensure meeting the project scope and schedule as defined in the 2017 Bond Program.

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

Any concerns identified by the PAT members should immediately be brought to the attention of the SBISD Project Manager.

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



MDE Project Advisory Team (PAT) - Charge

CHARGE (continued)

These recommendations will be presented by the project's architects:

- 1) to the **Superintendent of Schools**, and based on approval from the Superintendent,
- 2) to the **Board of Trustees** for their approval.

All recommendations must be in alignment with the District's Educational Specifications and Design and Construction Standards.

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.

Project Advisory Teams are essential participants in the planning and design process. Team members are asked to agree to participate in various meetings throughout the process.



MDE Project Advisory Team (PAT) - Composition

17 Participants



PAT Committee Composition

Principal
Assistant Principal
CIT Staff
CIT Parent
CIT Parent
CIT Parent
CIT Parent
Parent Lottery Rep
Parent Lottery Rep
Staff Lottery Rep
CIT Business Rep
CIT Community Rep
Non-Bordering HOA Rep

11 = Memorial Drive ES
Staff + CIT Staff / Parent

03 = Lottery
Parent + Staff

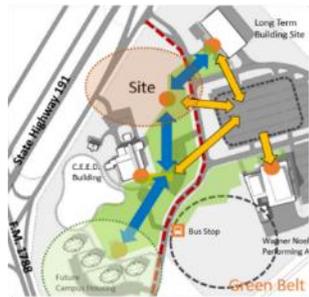
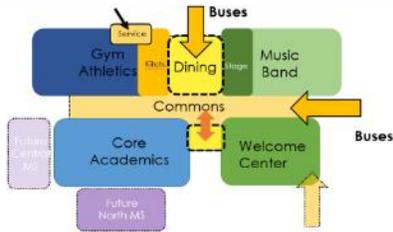
03 = Community
Business + Piney Point Village + HOA



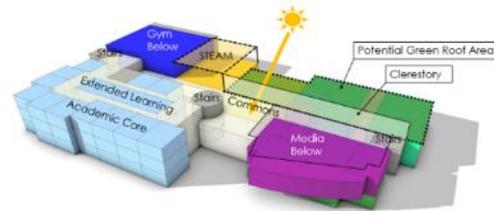
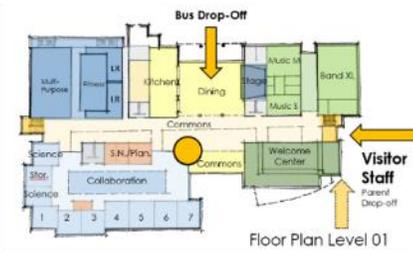
PAT Engagement – Process Overview

MEMORIAL DRIVE ELEMENTARY SCHOOL

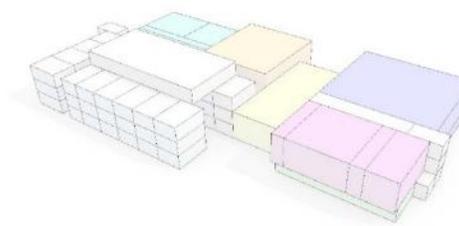
CONCEPTUALIZE



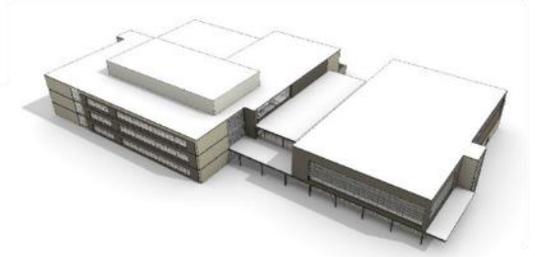
EXPLORE



DEVELOP



REFINE



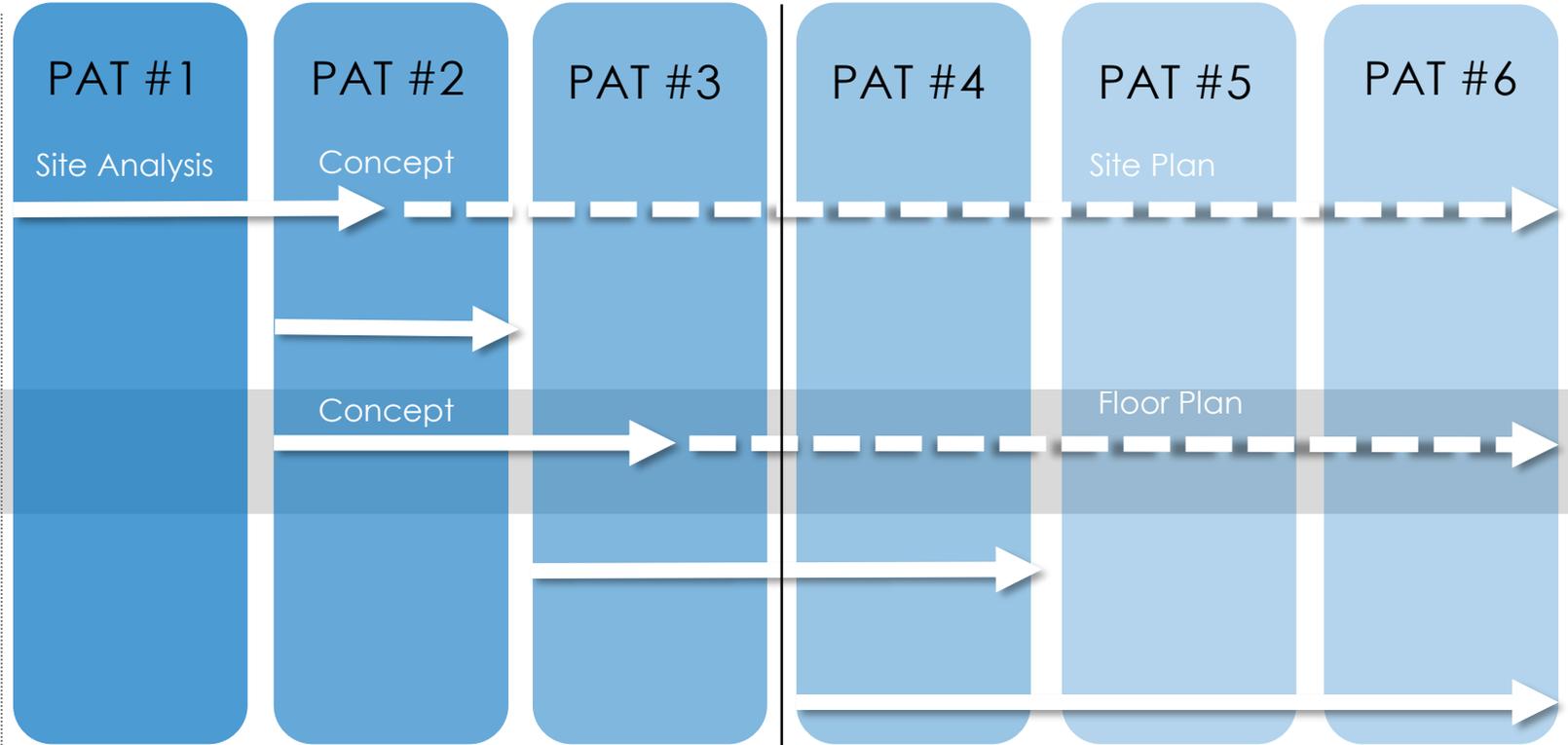


PAT Engagement – Process Overview

MEMORIAL DRIVE ELEMENTARY SCHOOL

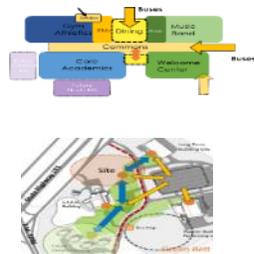
- Site Influences
- Program Space Types
- Functional Relationships
- Space Type Attributes
- Architectural Expression

January 2022

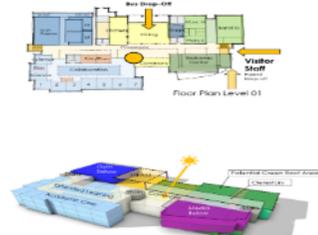


PAT Consensus
May 2022

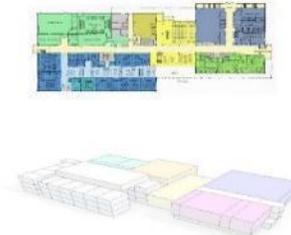
CONCEPTUALIZE



EXPLORE



DEVELOP



REFINE



PAT Engagement – **Input**

“Recipe” for creating the NEW Memorial Drive Elementary

District & Regulatory Ingredients

- SBISD Educational Specifications
- SBISD Design & Construction Standards
- CITY adopted Codes & Ordinances
- STATE Accessibility Requirements

Campus Inspired Ingredients

- CAMPUS Fact Finding Meetings
- **PAT Engagement**
- SBISD Departmental Leader Reviews
- CAMPUS End User Reviews



Item 2

PROJECT OVERVIEW





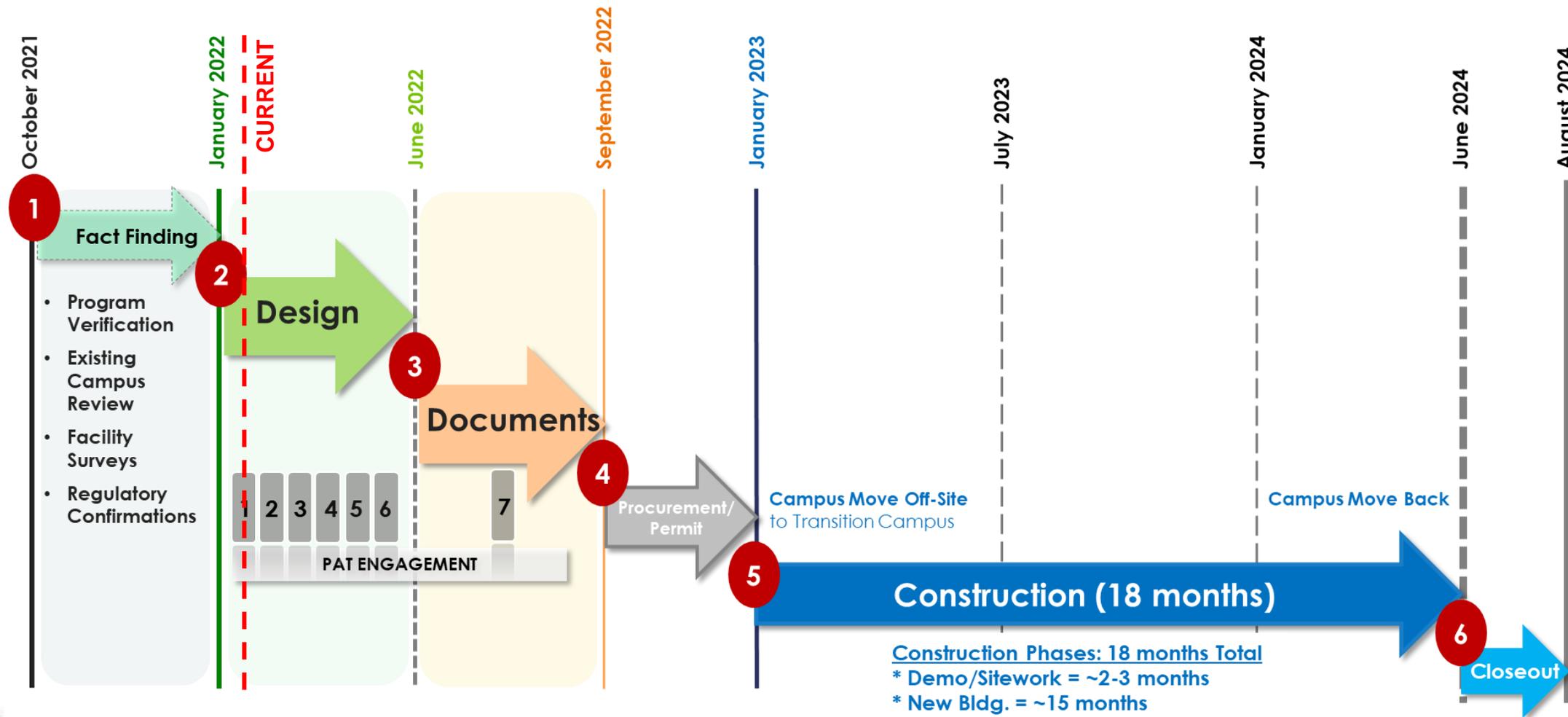
Project Scope – **New Memorial Drive Elementary School**

- **Replacement of Memorial Drive Elementary School** with new / renovated building and site elements to serve 550 student population
- **Off Site Transition:** Campus will relocate to South Transition Campus from January 2023 thru May 2024
- **Approx. 88,000 SF** building per SBISD Educational Specifications
- **18-20 months** total construction period
- **August 2024** New MDE **opens!**



Project Schedule – New Memorial Drive Elementary School

MEMORIAL DRIVE ELEMENTARY SCHOOL



SBISD ES PROJECT SCHEDULE - DESIGN AND CONSTRUCTION

Memorial Drive ES Replacement



Campus Fact Finding

Preliminary Stage of the process held as a series of meetings across Fall 2021 to meet with Principal and key campus leadership to identify information related to the campus.

Allows Design team to confirm current usage of the facility in order to validate the SBISD Educational Specifications program.

Allows Campus leadership opportunity to inform the Design team about the character and quality of the existing spaces as a benchmark forward into the design process.



Fact Finding – Existing Site

Fact Finding helped to identify how the SITE is used today:

- Identified current traffic patterns and parking.
- Identified major site elements and how they are utilized.
- Identified how campus is used by community outside of school hours.

30-40 bikes average per day

100+ cars per day at pickup (note: was a guess, will need to confirm with Traffic Study)

Memorial Drive Elem. School – Google Map



Fact Finding – Existing Building

Fact Finding helped to identify how the BUILDING is used today:

- Identified current space usage.
- Identified organization of grade levels.
- Identified relationships of spaces to each other.

Qty	Grade
1	PreK
3	Kindergarten
3	1st Grade
3	2nd Grade
3	3rd Grade
4	4th Grade
3	5th Grade
20	Total

Current – correct, noted grade level swings tend to be 2nd-4th grade

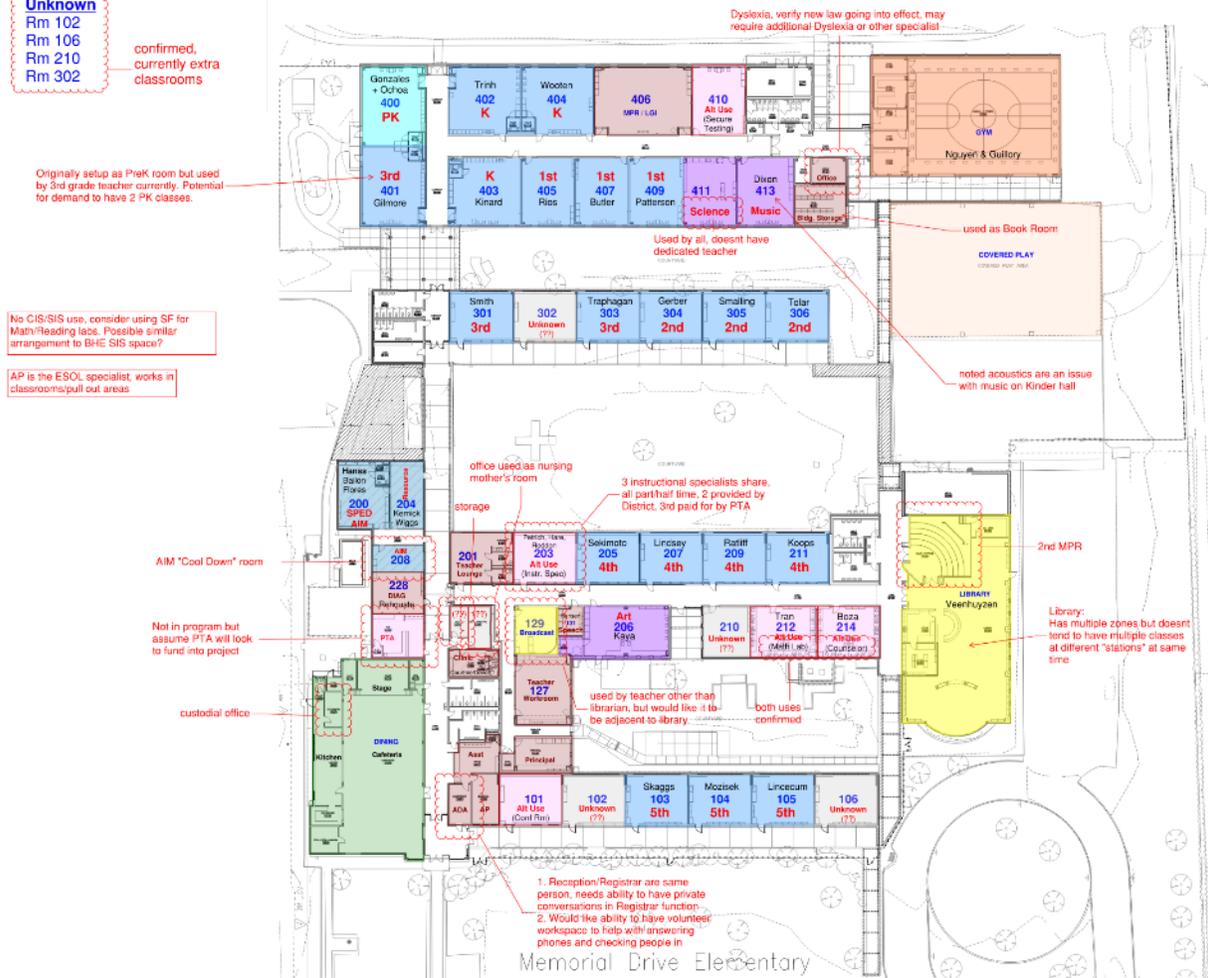
Special Education

Rm 200 - AIM Cirm
 Rm 204 - Resource
 Rm 208 - AIM? Used as "Cool Down" Room

Unknown

Rm 102
 Rm 106
 Rm 210
 Rm 302

confirmed, currently extra classrooms



Fact Finding – Campus Input

Fact Finding helped to identify the UNIQUE characteristics of the campus:

- Small Neighborhood School
- Students from Multiple Generations
- Collaborative and Cohesive Community
- Focus on Students' Character
- Access to Light and Outdoors
- The Trees!
- Pride





Item

3

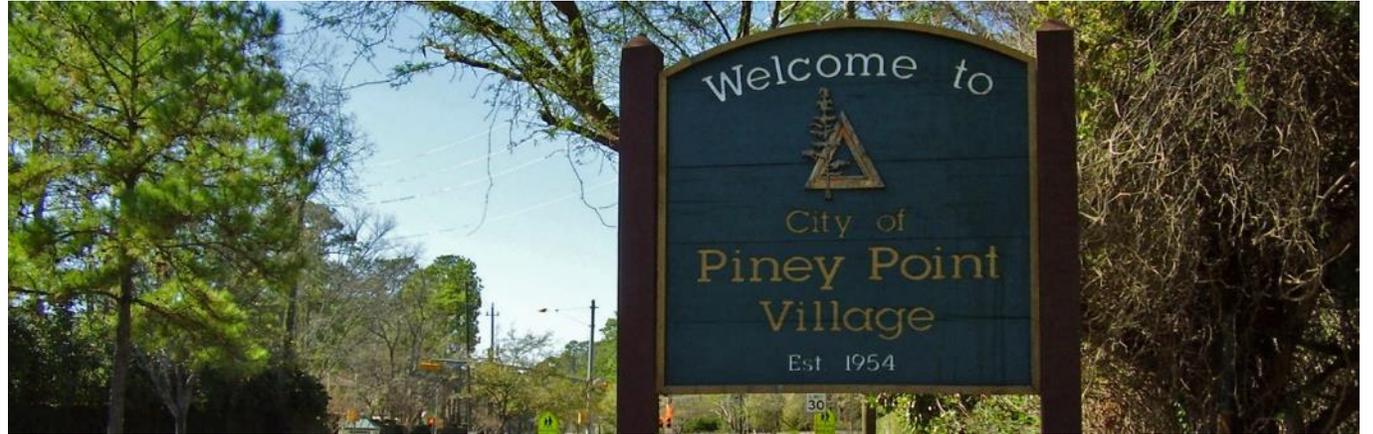
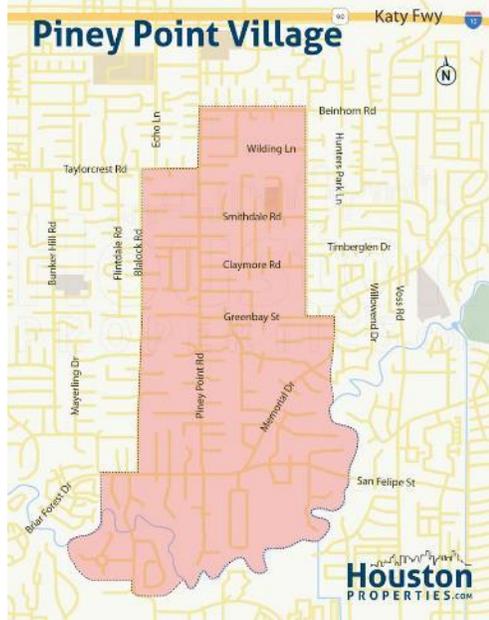
PAT ENGAGEMENT 1: VISIONING



PAT Engagement – Visioning

Memorial Drive Elementary

MEMORIAL DRIVE ELEMENTARY SCHOOL



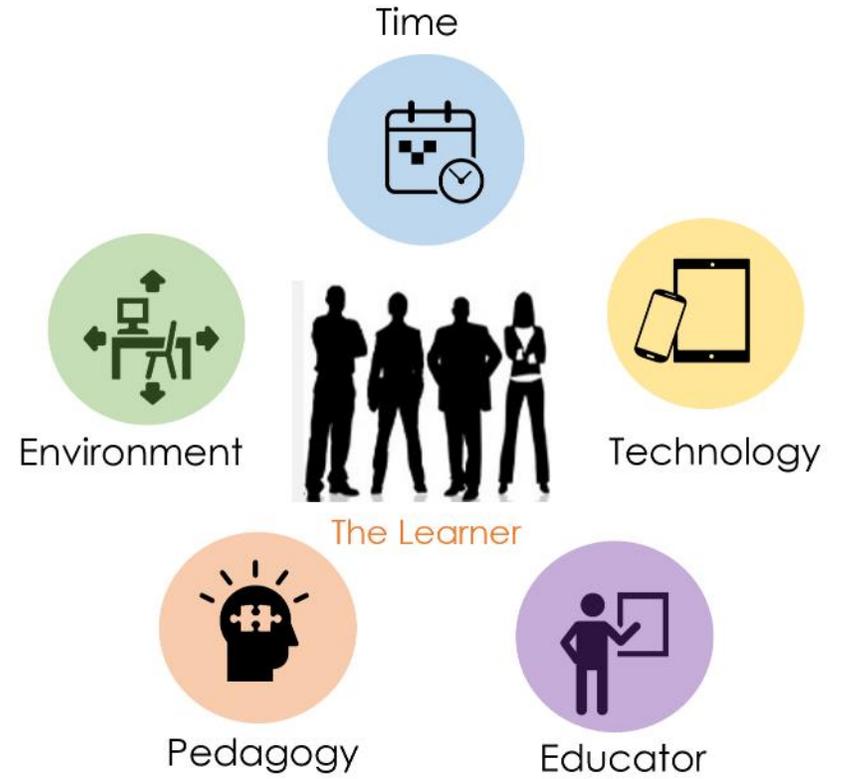
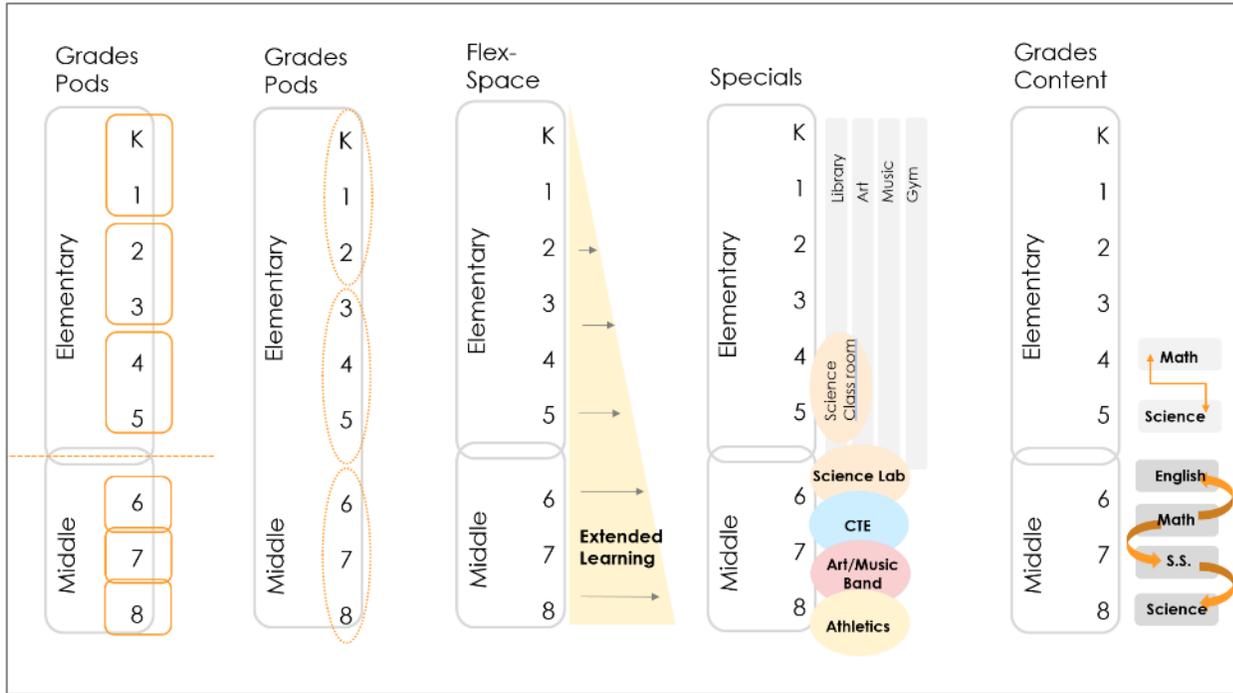
Design Vision

1. Share **three words** which **describe the personality & character** of Memorial Drive Elementary.
2. Describe what makes Memorial Drive Elementary **uniquely Memorial Drive?**
3. What is your **favorite physical aspect of the existing campus** you would like to preserve?
What is your **least favorite physical aspect of the existing campus** you would like to see changed?

PAT Engagement – Visioning



elementary school | middle/junior school | high school



21st Century Teaching & Learning

Educational Vision

1. Describe how the **building can help support** both, **Student** engagement + **Community** activities.
2. Name **three things** that **help create a modern 21st Century Teaching & Learning** environment that helps to support and foster a successful program.
3. Describe **your vision** for the new Memorial Drive Elementary.

Item

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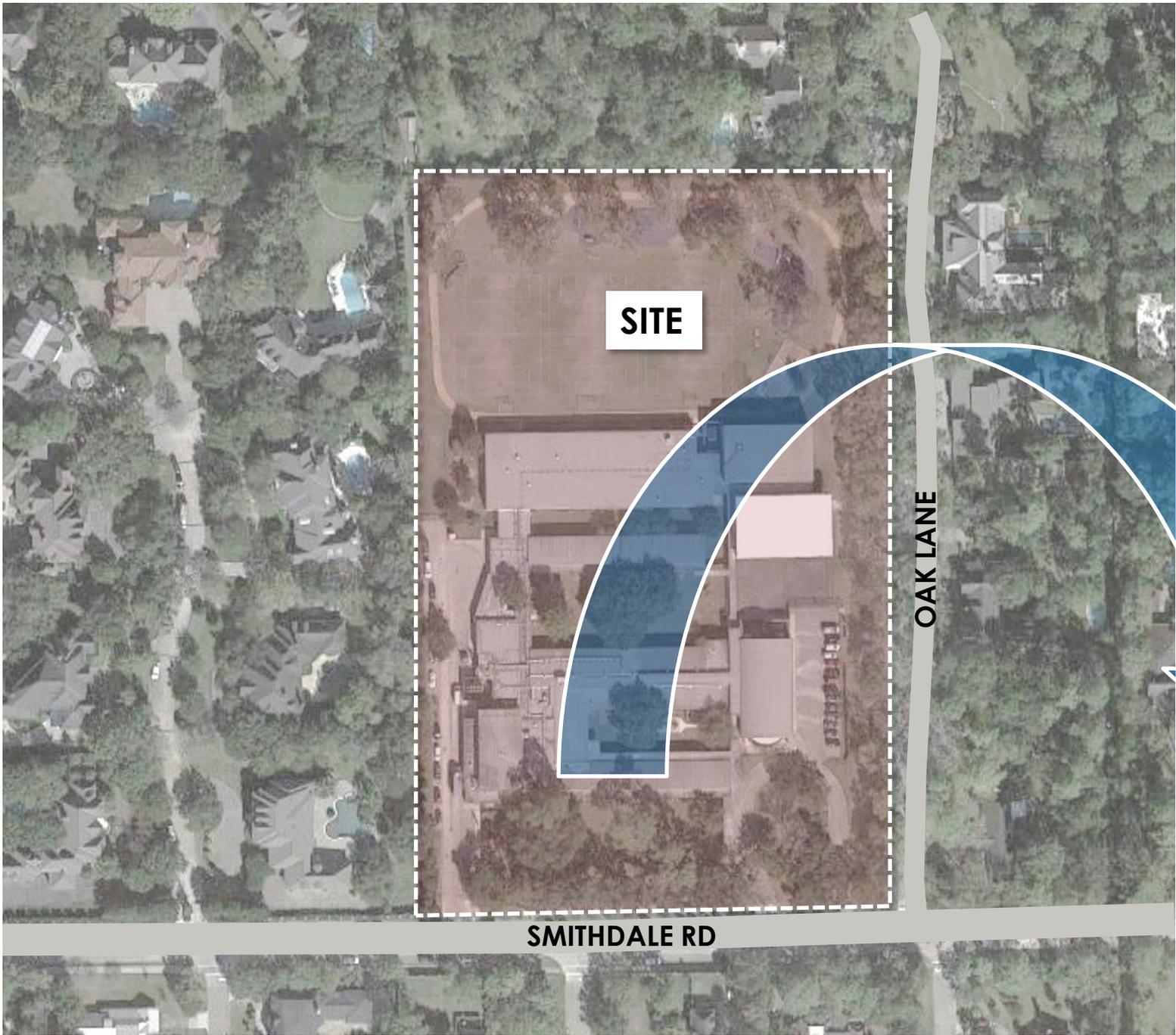
SITE ANALYSIS





Memorial Drive Elementary

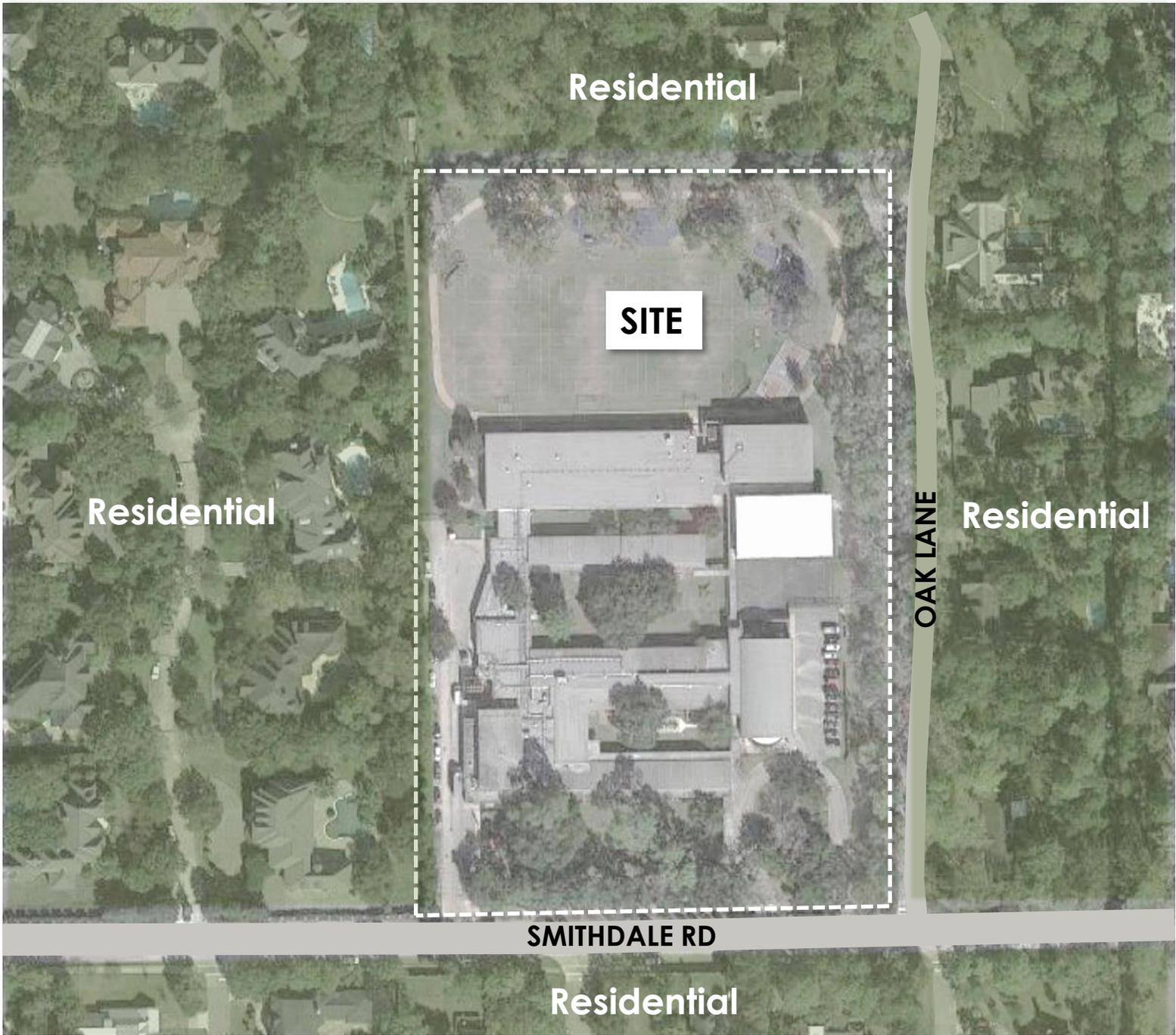
- ▶ • Site Plan



Memorial Drive Elementary

- Site Plan
- ▶ **Off-Site Transition Campus**

Transition Campus



Memorial Drive Elementary

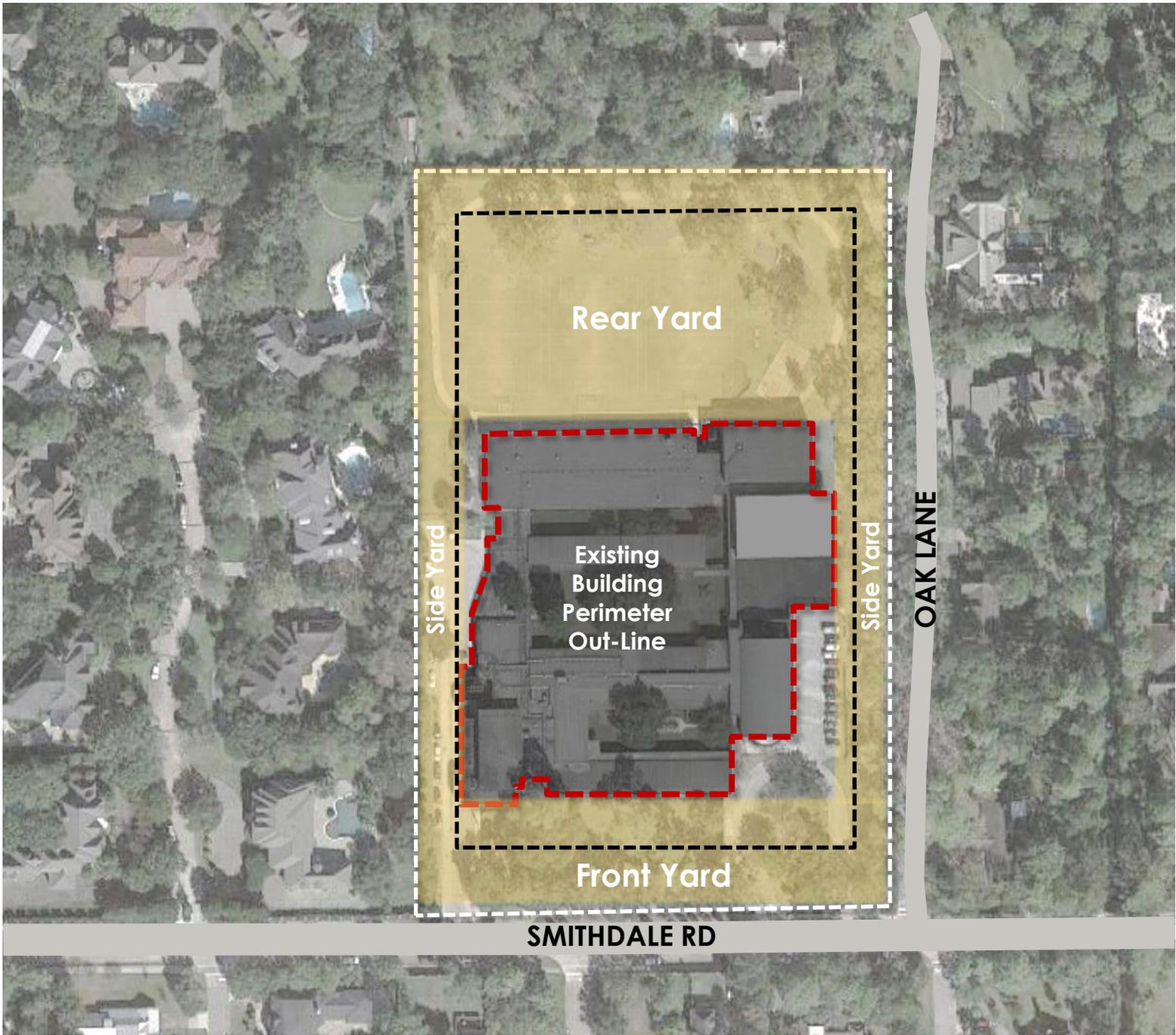
- Site Plan
- Off-Site Transition Campus
- ▶ **Adjacent Use**



Memorial Drive Elementary

- Site Plan
- Off-Site Transition Campus
- Adjacent Use
- ▶ **Building Setbacks & Easements**

***BUILDING SETBACKS BASED ON CITY OF PINEY POINT VILLAGE REQUIREMENTS**



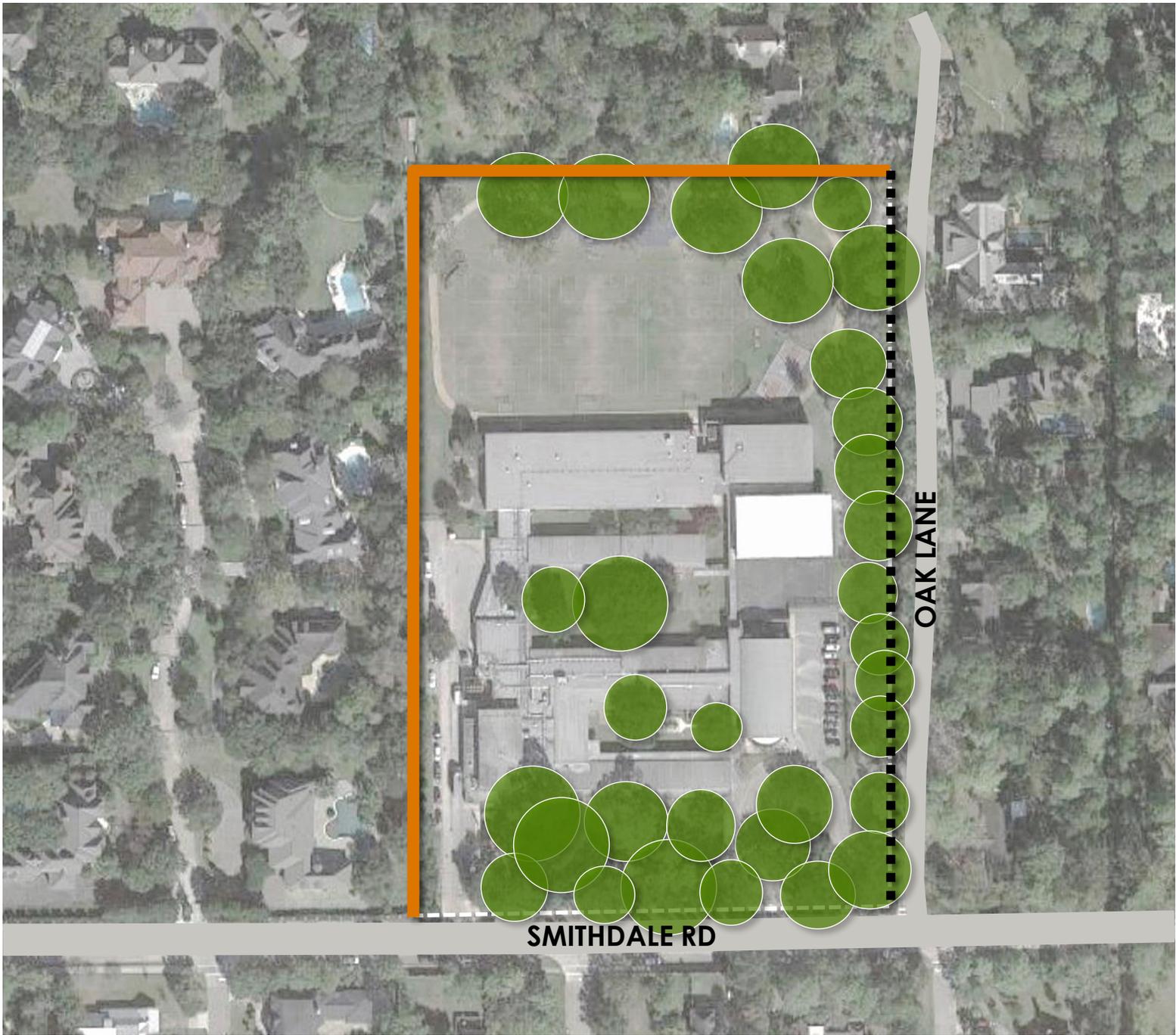
Memorial Drive Elementary

- Site Plan
- Off-Site Transition Campus
- Adjacent Use
- Building Setbacks & Easements
- ▶ **Existing Building Perimeter**



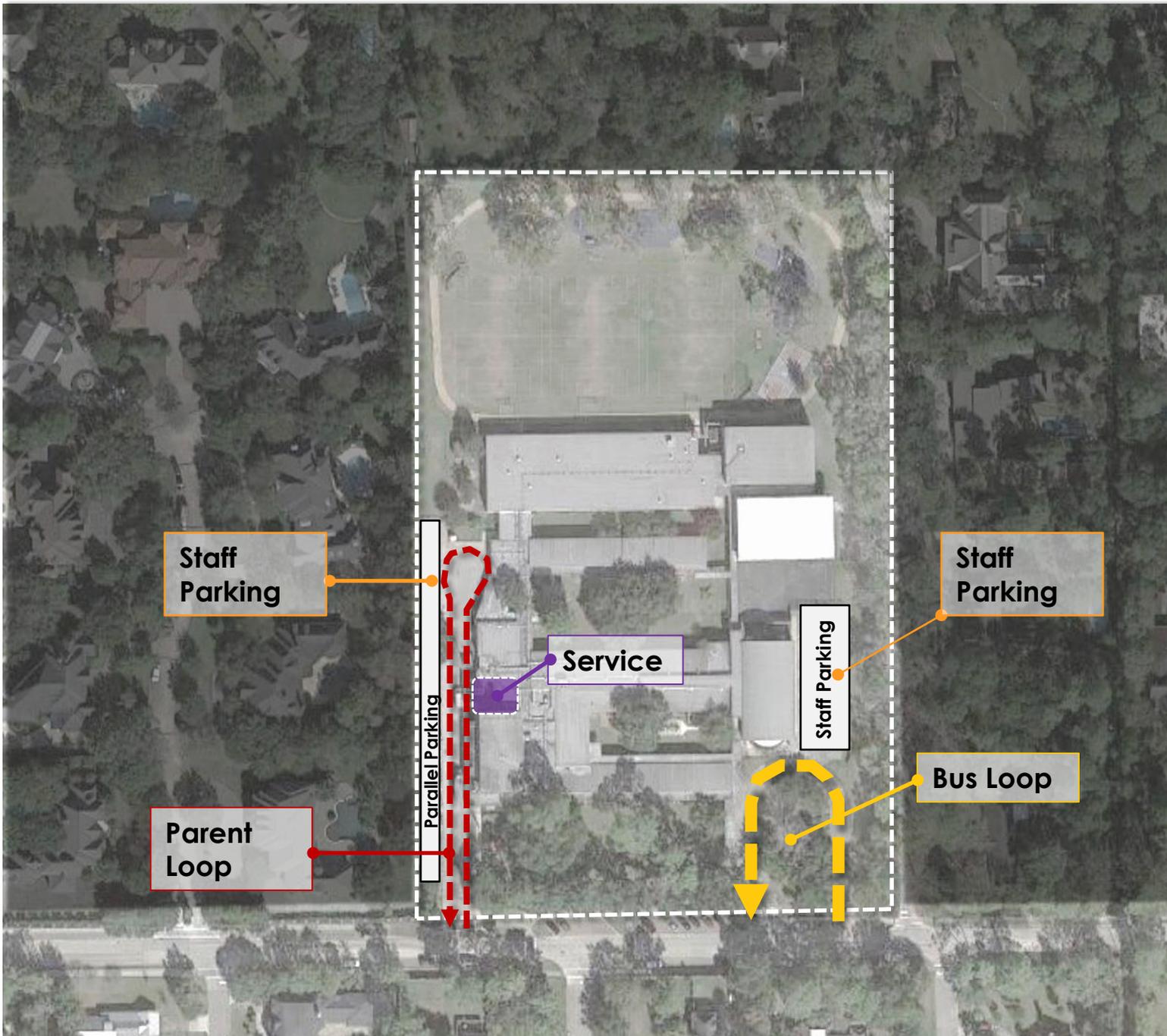
Memorial Drive Elementary

- Site Plan
- Off-Site Transition Campus
- Adjacent Use
- Building Setbacks & Easements
- Existing Building Perimeter
- ▶ **• Legacy Trees**



Memorial Drive Elementary

- Site Plan
- Off-Site Transition Campus
- Adjacent Use
- Building Setbacks & Easements
- Existing Building Perimeter
- Legacy Trees
- ▶ **Perimeter Fencing**



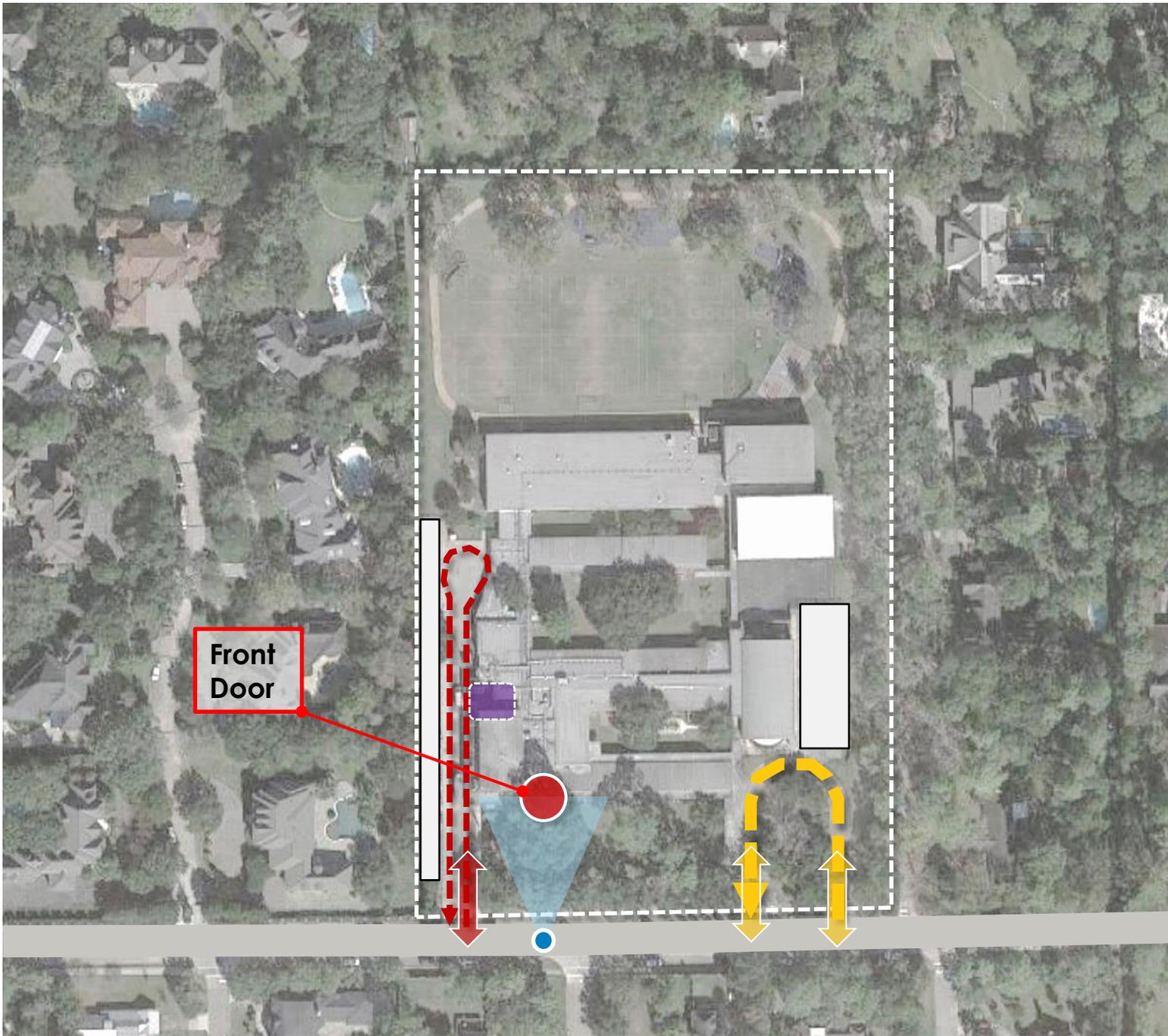
Memorial Drive Elementary

- Site Plan
- Off-Site Transition Campus
- Adjacent Use
- Building Setbacks & Easements
- Existing Building Perimeter
- Legacy Trees
- Perimeter Fencing
- **Site Access**



Memorial Drive Elementary

- Site Plan
- Off-Site Transition Campus
- Adjacent Use
- Building Setbacks & Easements
- Existing Building Perimeter
- Legacy Trees
- Perimeter Fencing
- Site Access
- ▶ **On-Street Parking**



Memorial Drive Elementary

- Site Plan
- Off-Site Transition Campus
- Adjacent Use
- Building Setbacks & Easements
- Existing Building Perimeter
- Legacy Trees
- Perimeter Fencing
- Site Access
- On-Street Parking
- **Front Door Identity**



Characteristics of the Site

A feature or quality belonging typically to a person, place, or thing serving to identify it.



DNA of Memorial Drive Elementary School



Characteristics of the site

▶ 1. Legacy Trees

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Legacy Trees - Campus identity along Smithdale Road + Courtyards



Characteristics of the site

1. Legacy Trees
2. **Canopy of Live Oaks**

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Canopy of Live Oaks - Decks & Community gathering at front of school



Characteristics of the site

1. Legacy Trees
2. Canopy of Live Oaks
3. **Clearing in the Pines**

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Clearing in the Pines – Opening in legacy trees with streaming sunlight



Characteristics of the site

1. Legacy Trees
2. Canopy of Live Oaks
3. Clearing in the Pines
4. **West edge of Campus**

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West edge of Campus – Wood privacy fence + Service access



Characteristics of the site

1. Legacy Trees
2. Canopy of Live Oaks
3. Clearing in the Pines
4. West edge of Campus
5. **East edge of Campus**



East edge of Campus – Dense Tree line



Characteristics of the site

1. Legacy Trees
2. Canopy of Live Oaks
3. Clearing in the Pines
4. West edge of Campus
5. East edge of Campus
6. **School Identity**



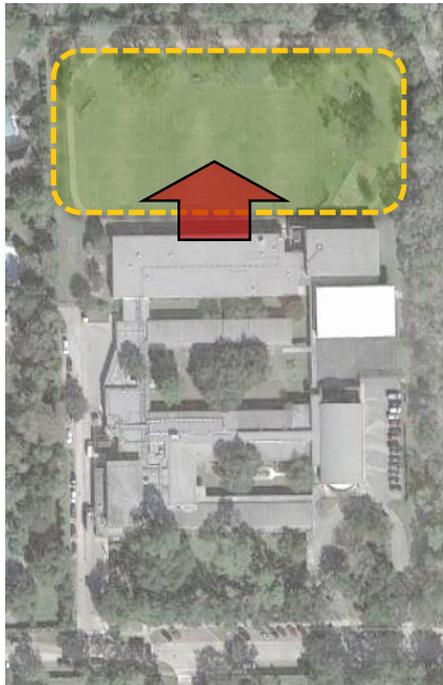
School Identity – Front door identity for building



Characteristics of the site

1. Legacy Trees
2. Canopy of Live Oaks
3. Clearing in the Pines
4. West edge of Campus
5. East edge of Campus
6. School Identity
7. **Play Fields**

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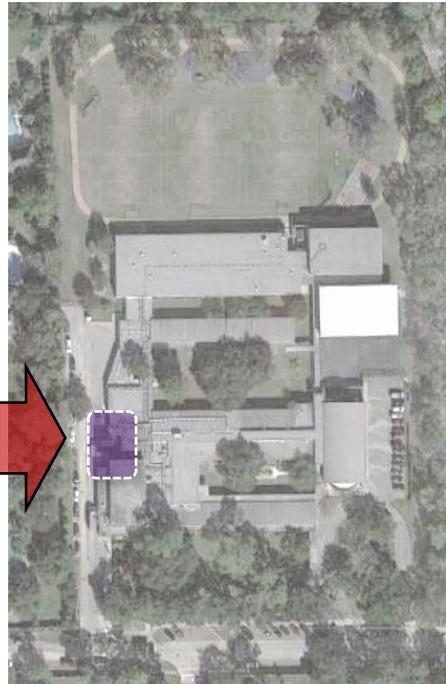
Play Fields – Natural Backyard to the School



Characteristics of the site

1. Legacy Trees
2. Canopy of Live Oaks
3. Clearing in the Pines
4. West edge of Campus
5. East edge of Campus
6. School Identity
7. Play Fields
8. **Building services**

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Building Services – Kitchen services visible along parent drop-off



Characteristics of the site

1. Legacy Trees
2. Canopy of Live Oaks
3. Clearing in the Pines
4. West edge of Campus
5. East edge of Campus
6. School Identity
7. Play Fields
8. Building Services
9. **On site Parking**



On site Parking – Limited parking on site for staff.



Characteristics of the site

1. Legacy Trees
2. Canopy of live Oaks
3. Clearing in the Pines
4. West edge of Campus
5. East edge of campus
6. School Identity
7. Play Fields
8. Building Services
9. On site Parking
- ▶ 10. **Community Plaza**



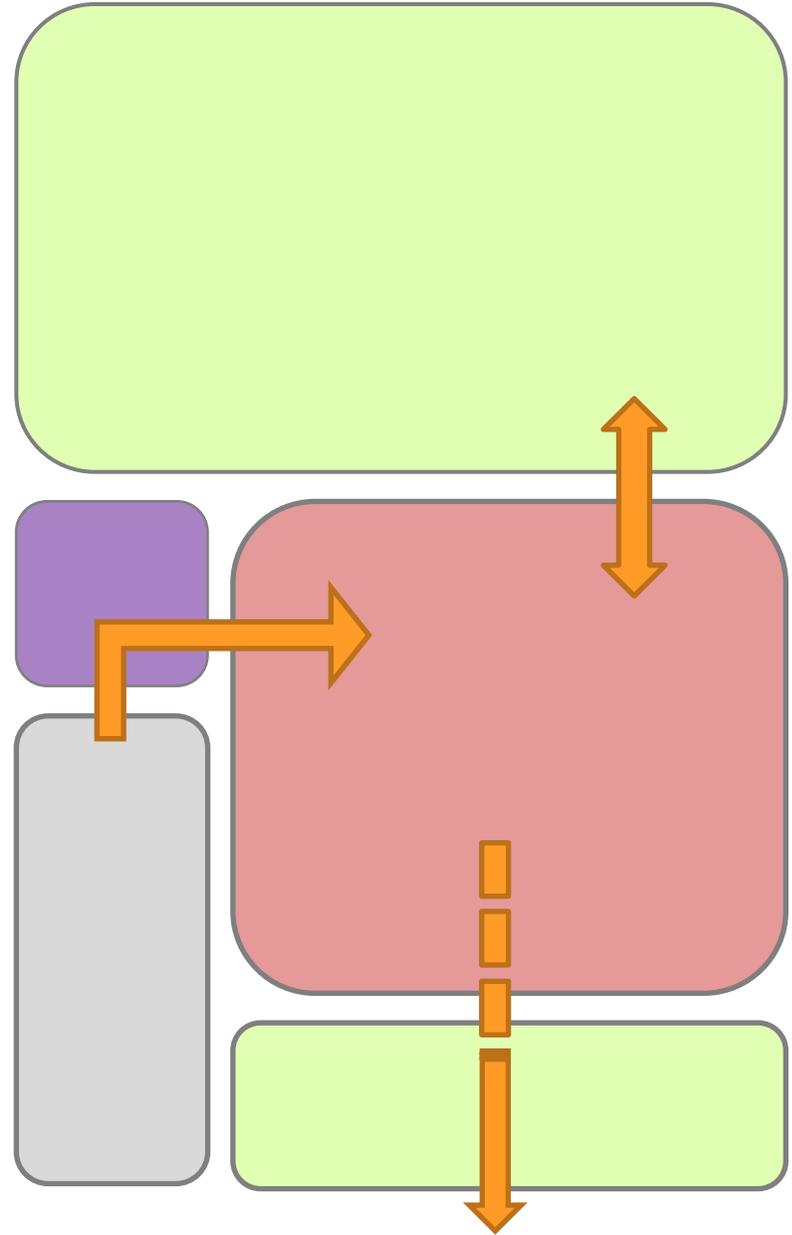
Community Plaza – Culture of community engagement + Park like quality



Item

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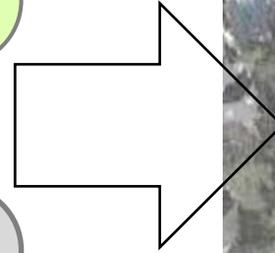
**PAT ENGAGEMENT 2:
SITE ORGANIZATION**





PAT Engagement – Site Organization Elements

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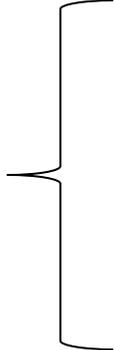
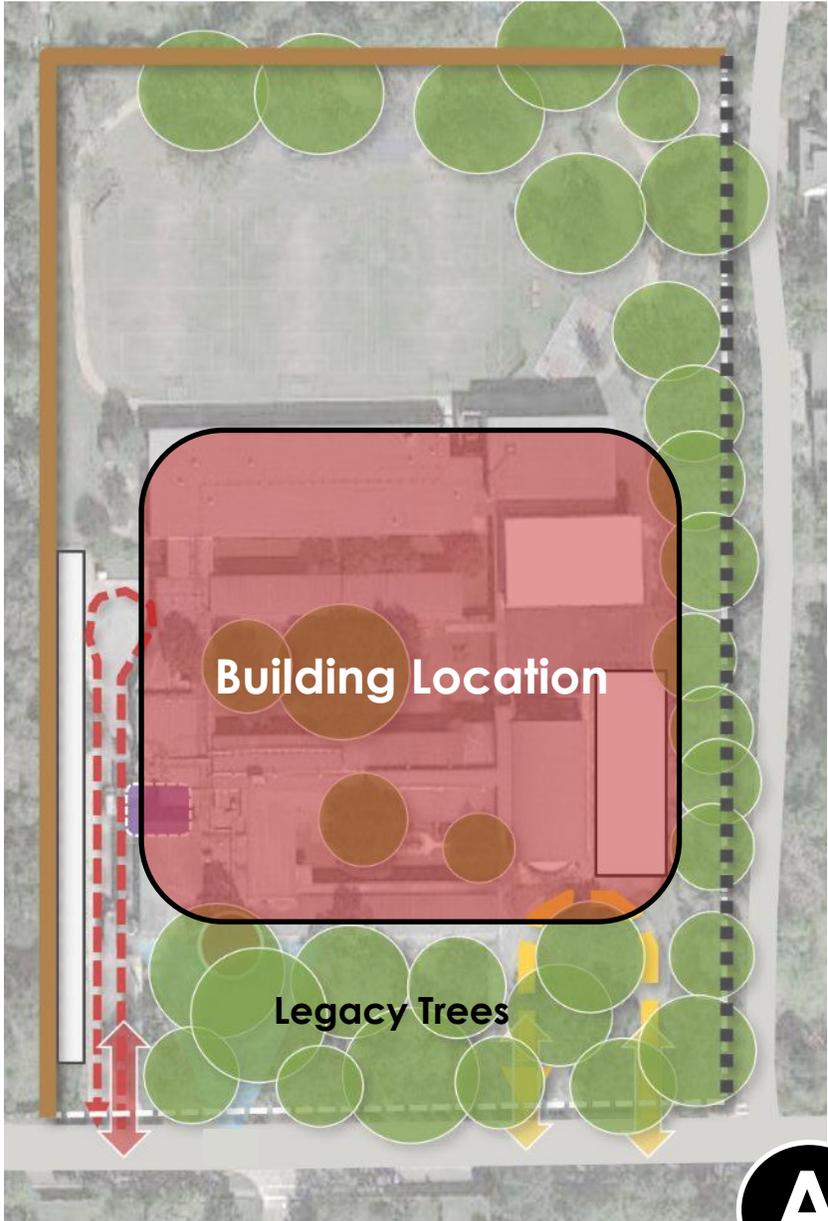




Design Option A

Building at Front of Site

Building



Building Location

- Replace in current location
- Opportunity to preserve Legacy trees
- Front Door Identity along Smithdale



Building at Front of Site

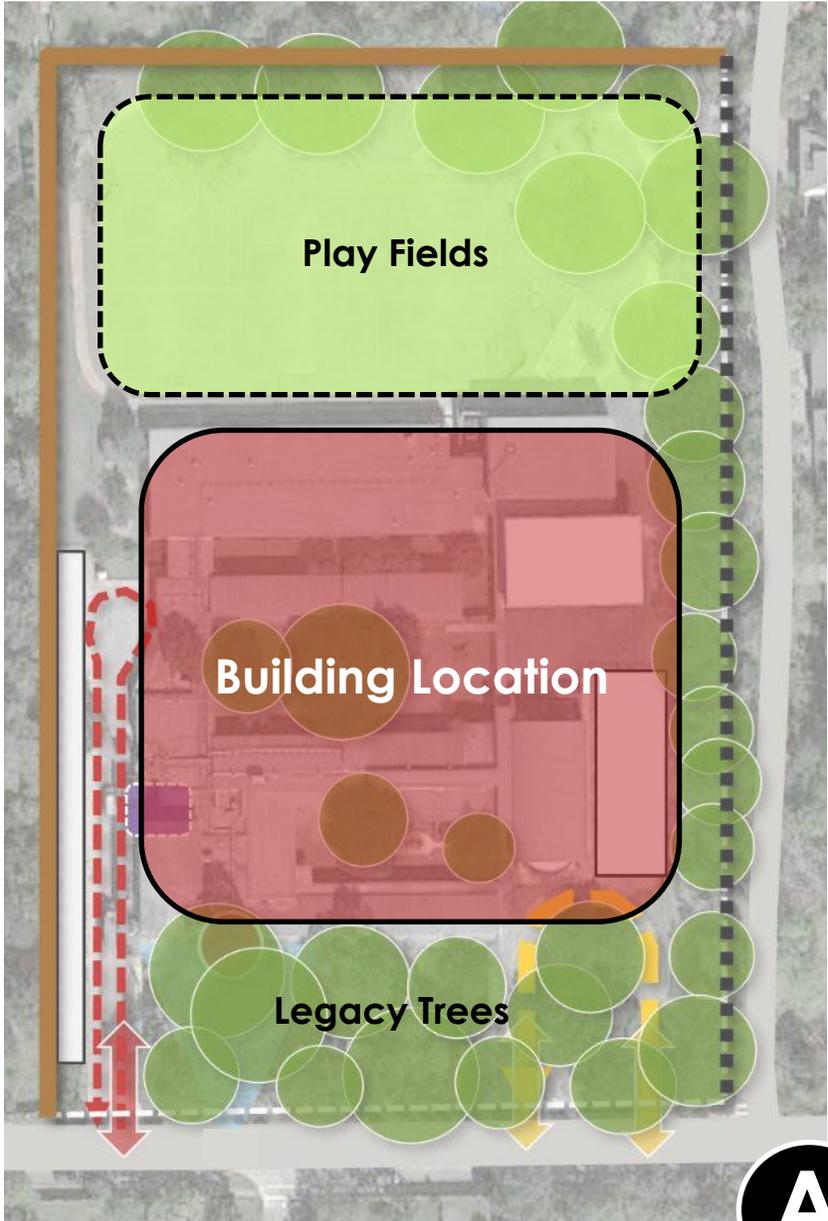


Design Option A

Play Fields at Back of Site

Building

Play Fields



Play Fields

- Keeps in current location
- Appropriate play field shape
- Natural backyard to the school

Building Location

- Replace in current location
- Opportunity to preserve Legacy trees
- Front Door Identity along Smithdale



Building at Front of Site



Design Option A

Parking Split at Side Yards

Building

Play Fields

Parking



Play Fields

- Keeps in current location
- Appropriate play field shape
- Natural backyard to the school

Building Location

- Replace in current location
- Opportunity to preserve Legacy trees
- Front Door Identity along Smithdale

Parking

- Two sides with buffer to residential lots
- Distributed to limit visual impact
- Separates bus from parent traffic flows
- Parking screened by building
- Stagger serves front and back of site

A

Building at Front of Site



Design Option A

Pros

- Keeps Building in current location & relationship to neighbors
- Maintains “backyard” feel for Play Fields zone
- Parking serves both front and back of site
- Maximizes open play zones / Minimizes impact to existing trees
- Balances street frontage and residential buffering

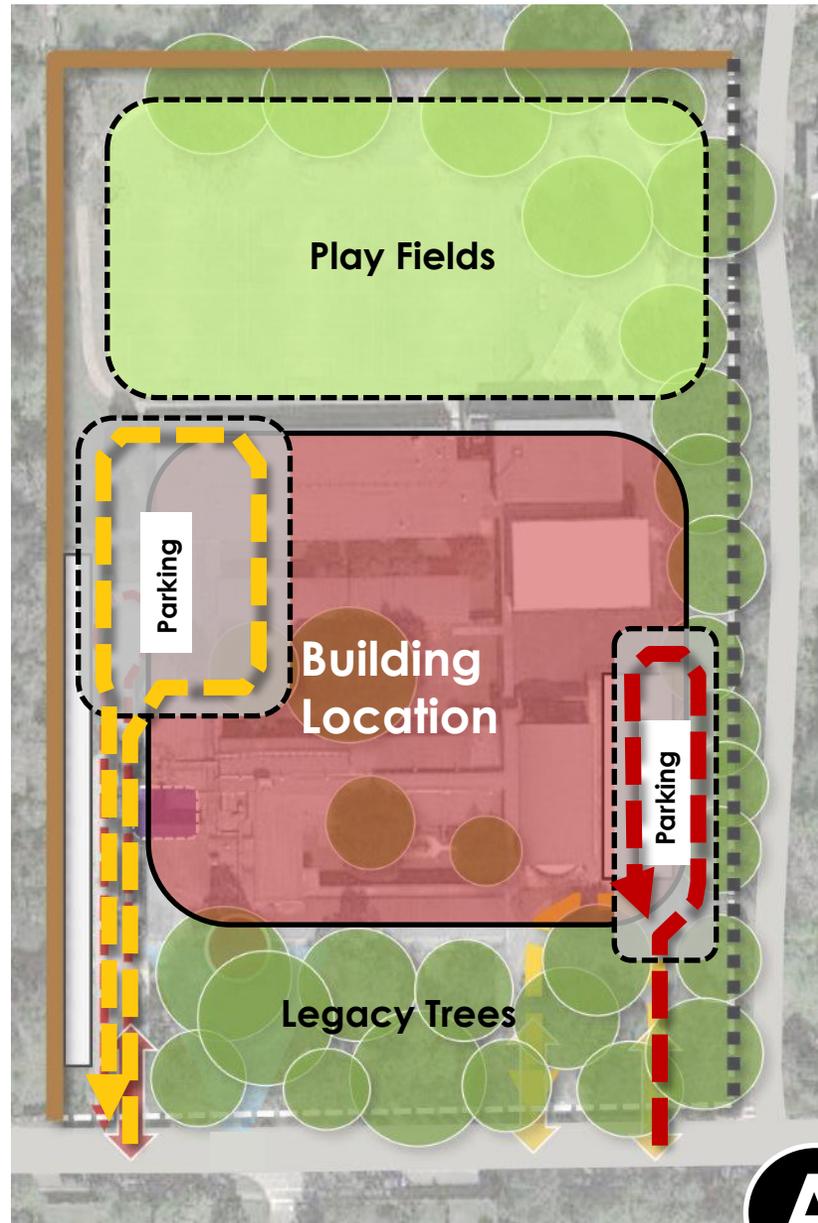
Cons

- Increased paving may reduce green space

Building

Play Fields

Parking



Play Fields

- Keeps in current location
- Appropriate play field shape
- Natural backyard to the school

Building Location

- Replace in current location
- Opportunity to preserve Legacy trees
- Front Door Identity along Smithdale

Parking

- Two sides with buffer to residential lots
- Distributed to limit visual impact
- Separates bus from parent traffic flows
- Parking screened by building
- Stagger serves front and back of site

A

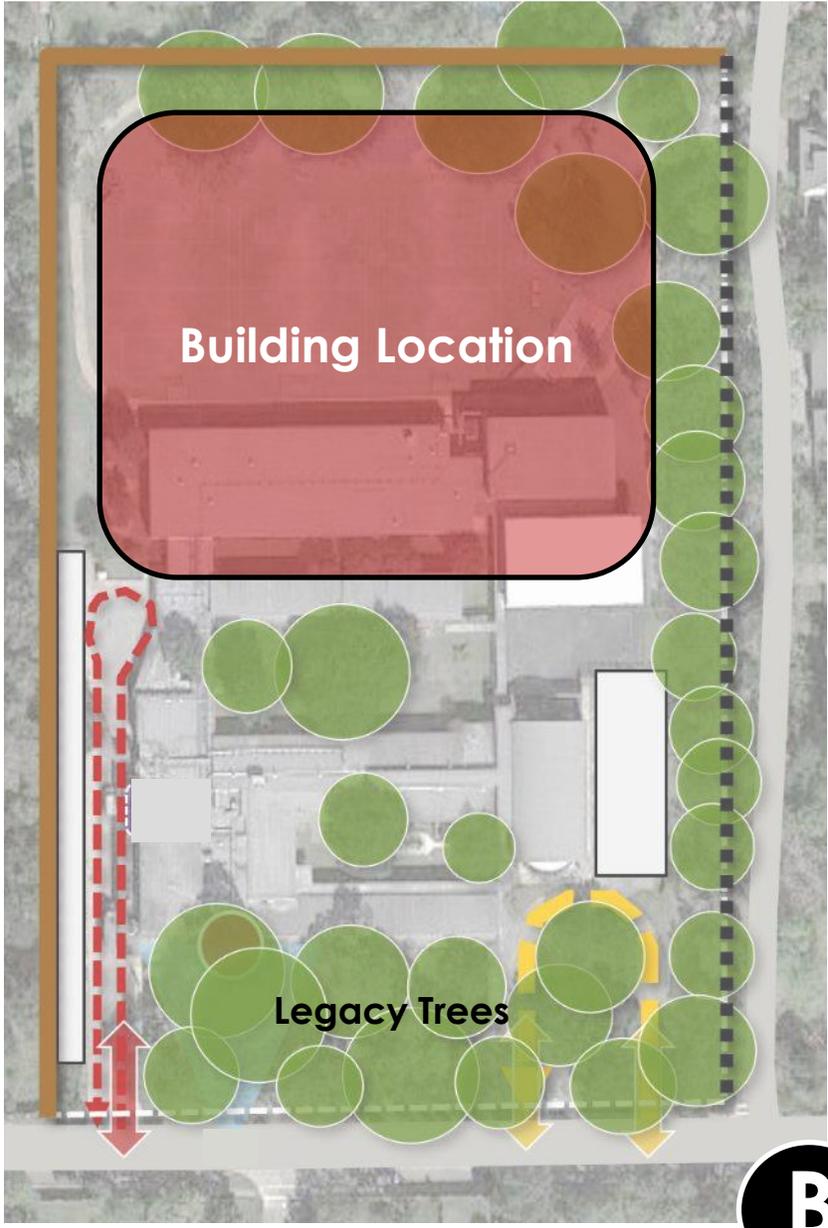
Building at Front of Site



Design Option B

Building at Back of Site

Building



Building at Back of Site

Building Location

- Locate Building at Back of Site
- Opportunity to preserve Legacy trees
- Front Door Identity remote from Smithdale

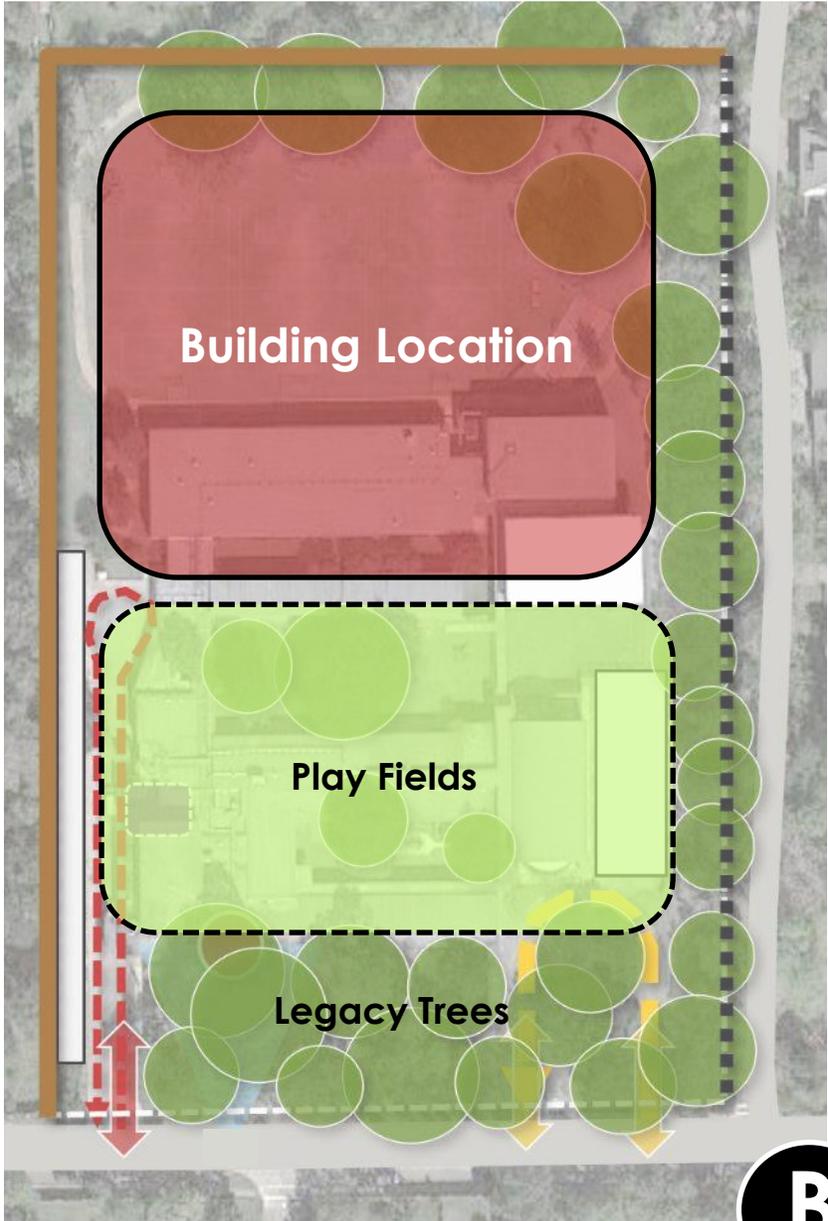


Design Option B

Play Fields at Front of Site

Building

Play Fields



Building Location

- Locate Building at Back of Site
- Opportunity to preserve Legacy trees
- Front Door Identity remote from Smithdale

Play Fields

- Moves to Front of Site
- Appropriate play field shape
- Front yard to the school



Building at Back of Site



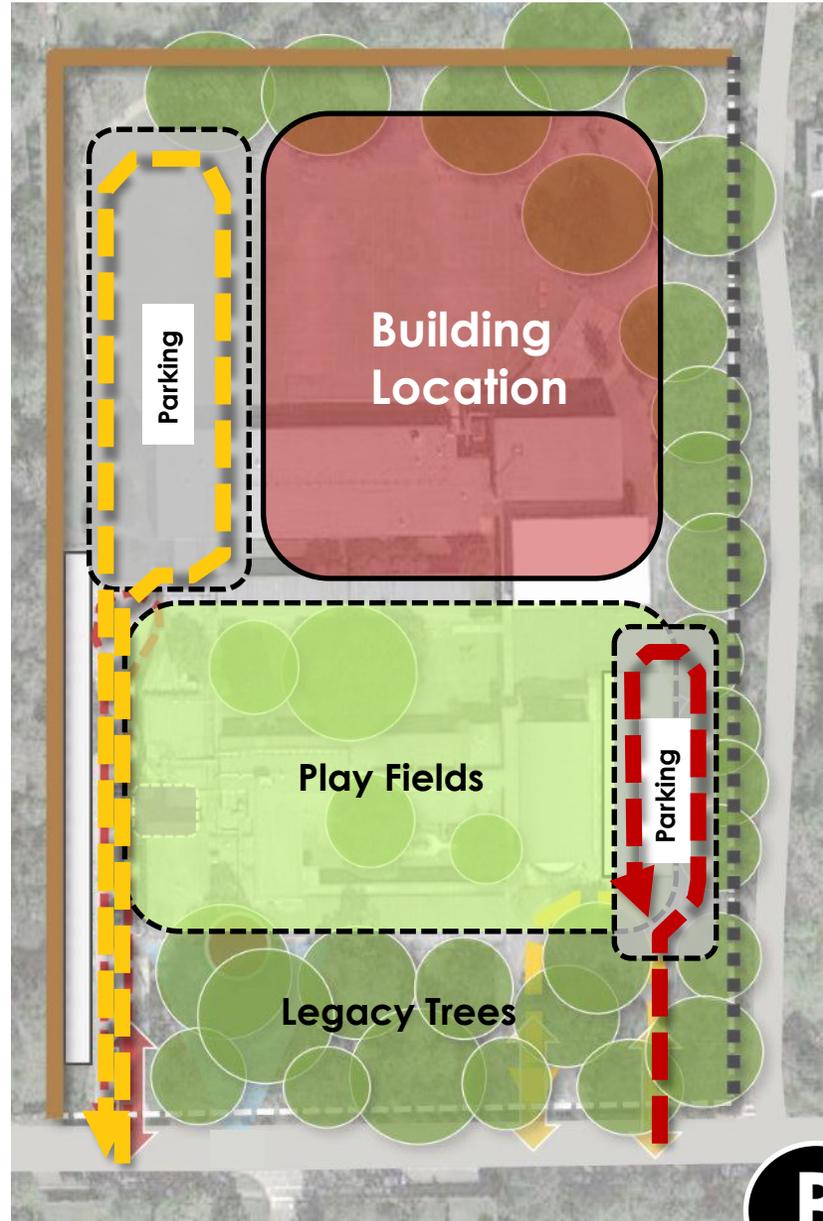
Design Option B

Parking Split front and back of Site

Building

Play Fields

Parking



B

Building at Back of Site

Building Location

- Locate Building at Back of Site
- Opportunity to preserve Legacy trees
- Front Door Identity remote from Smithdale

Parking

- Two sides with buffer to residential lots
- Distributed to limit visual impact
- Stagger serves front and back of site
- Separates bus from parent traffic flow

Play Fields

- Moves to Front of Site
- Appropriate play field shape
- Front yard to the school



Design Option B

Pros

- Pushes Building away from street frontage
- More green space visible from street

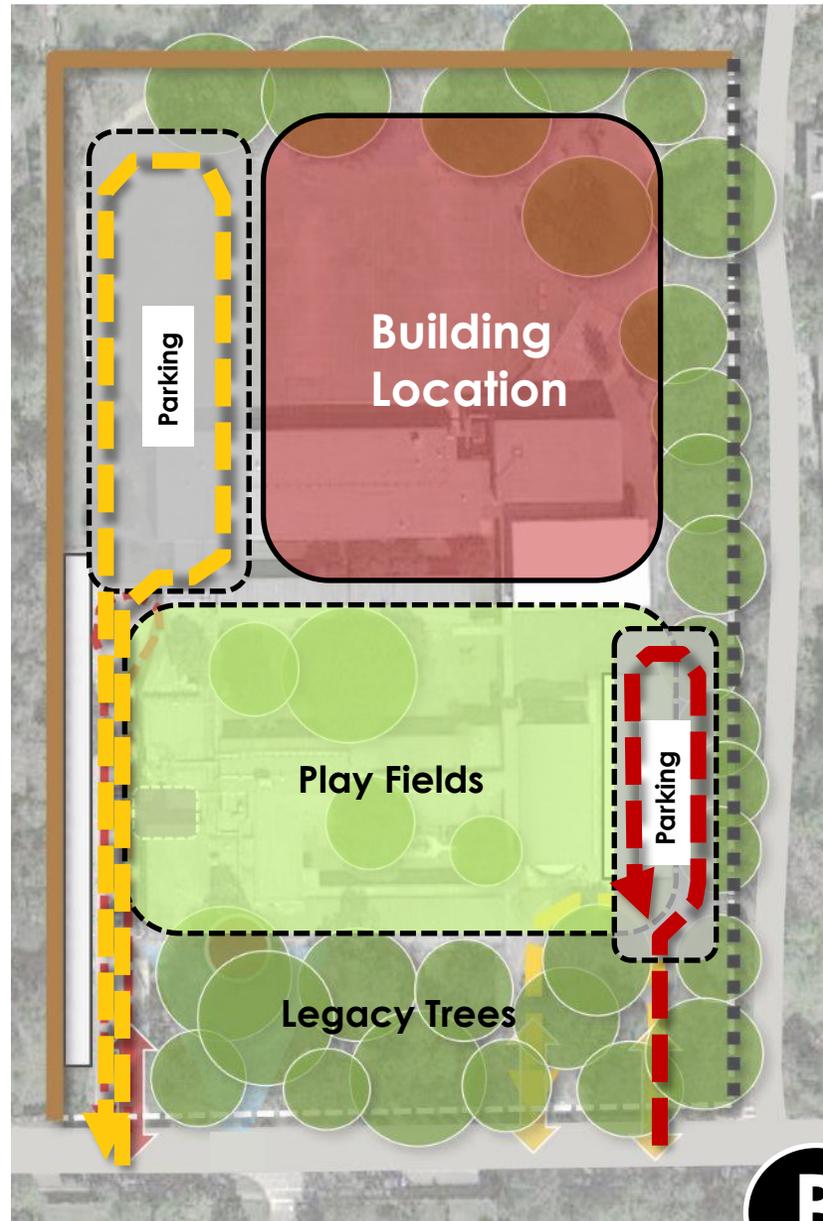
Cons

- Building pushed closer to adjacent properties
- Front Door Identity pushed deep into site
- Play Fields exposed to front of site – requires added fencing
- Likely lose some trees for clear play area

Building

Play Fields

Parking



Building Location

- Locate Building at Back of Site
- Opportunity to preserve Legacy trees
- Front door Identity remote from Smithdale

Parking

- Two sides with buffer to residential lots
- Distributed to limit visual impact
- Stagger serves front and back of site
- Separates bus from parent traffic flow

Play Fields

- Moves to Front of Site
- Appropriate play field shape
- Front yard to the school

B

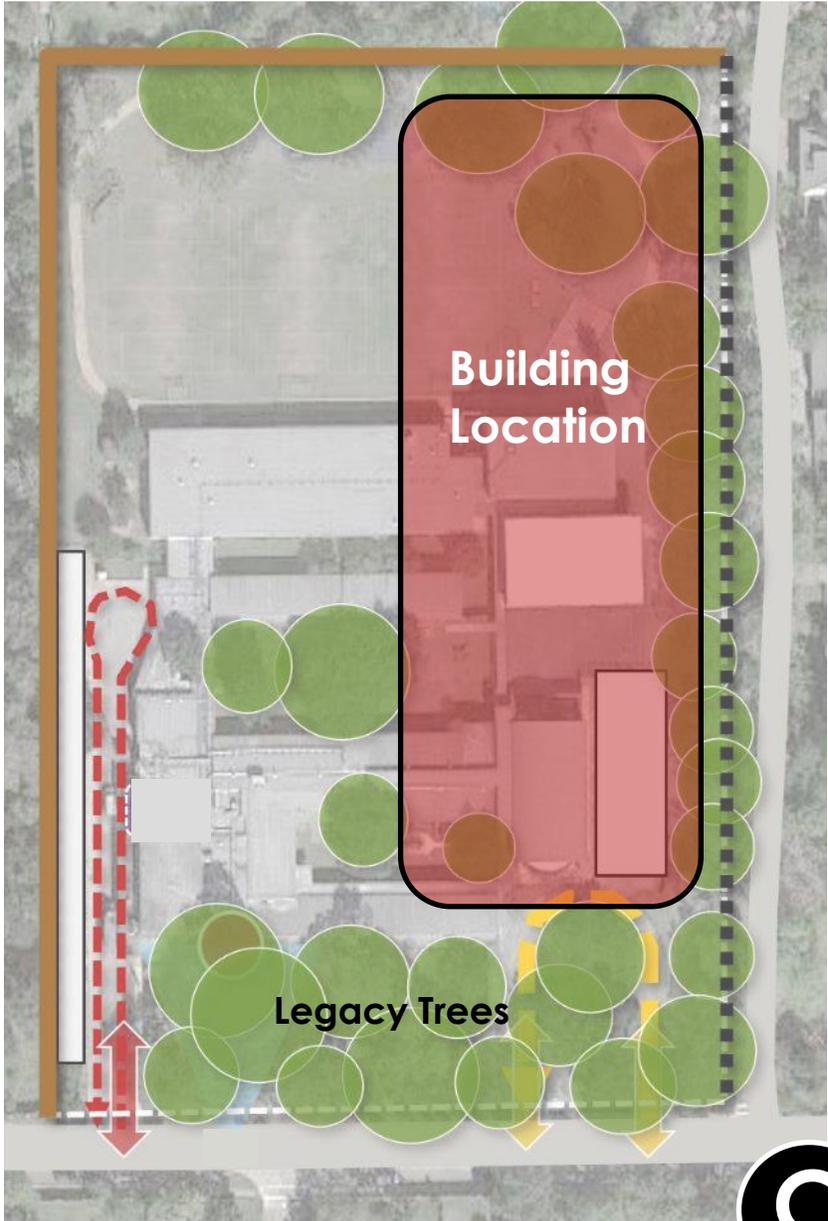
Building at Back of Site



Design Option C

Building at Side of Site

Building



Building Location

- Replace at East side of Site
- Building is adjacent to Residential area
- Opportunity to preserve Legacy Trees
- Front Door Identity along Smithdale

Building at Side of Site



Design Option C

Play Fields at Side of Site

Building

Play Fields



Building at Side of Site

Building Location

- Replace at East side of Site
- Building is adjacent to Residential area
- Opportunity to preserve Legacy Trees
- Front Door Identity along Smithdale

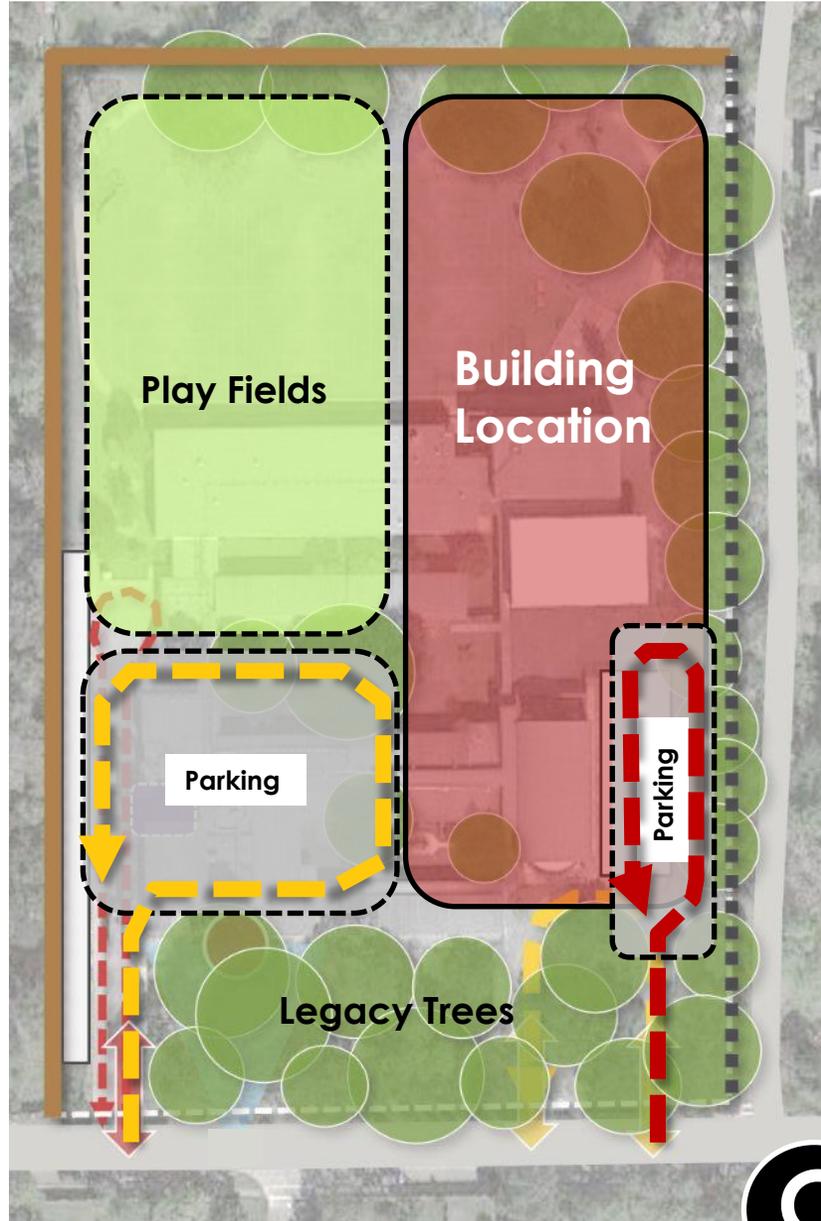
Play Fields

- Relocates to West Side of Site
- Appropriate play field shape
- Side yard to the school



Design Option C

Parking at Front of Site



Building

Play Fields

Parking

Building Location

- Replace at East side of Site
- Building is adjacent to Residential area
- Opportunity to preserve Legacy Trees
- Front Door identity along Smithdale

Play Fields

- Relocates to West Side of Site
- Appropriate play field shape
- Side yard to the school

Parking

- Separates bus from parent traffic flow
- Service access is likely near street



Building at Side of Site



Design Option C

Pros

- Parking and Access brought to front of site
- Play Fields do not impact Legacy Trees

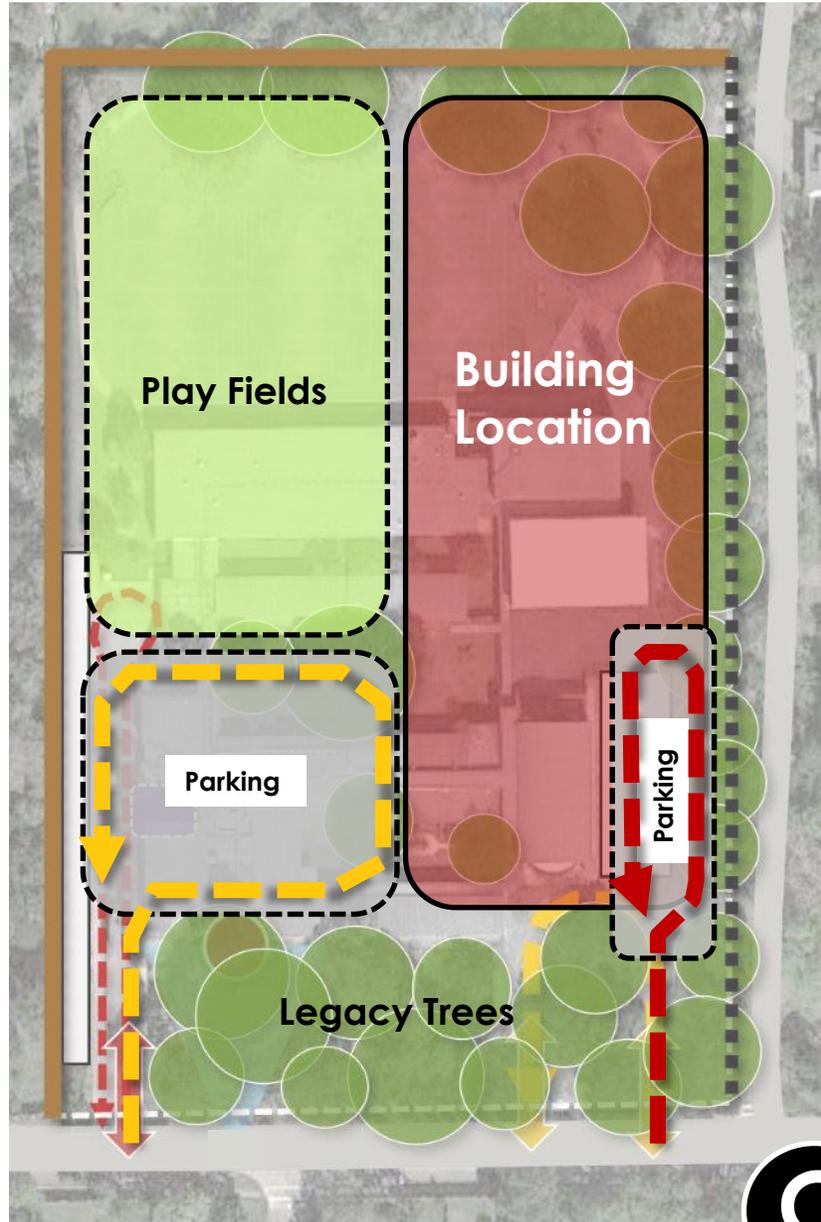
Cons

- Building location near neighboring residences
- Building is long – minimizes design efficiency
- Parking may overpower view from street
- Service access may be viewed from street
- Front Door Identity opportunity is limited

Building

Play Fields

Parking



Building Location

- Replace at East side of Site
- Building is adjacent to Residential area
- Opportunity to preserve Legacy Trees
- Front Door Identity along Smithdale

Play Fields

- Relocates to West Side of Site
- Appropriate play field shape
- Side yard to the school

Parking

- Separates bus from parent traffic flow
- Service access is likely near street

Building at Side of Site



PAT Engagement

Validation of Design Direction

Site Organization Design Options:

- A. Building at Front
- B. Building at Back
- C. Building at Side

At your Table:

- Review Options
- Discuss Pros
- Discuss Cons
- Reach Consensus



A

Building at Front



B

Building at Back



C

Building at Side

Rank the Design Options below each image:

- #1. First Choice
- #2. Second Choice
- #3. Third Choice

Provide a brief explanation for each of your choices



Item

6

NEXT STEPS



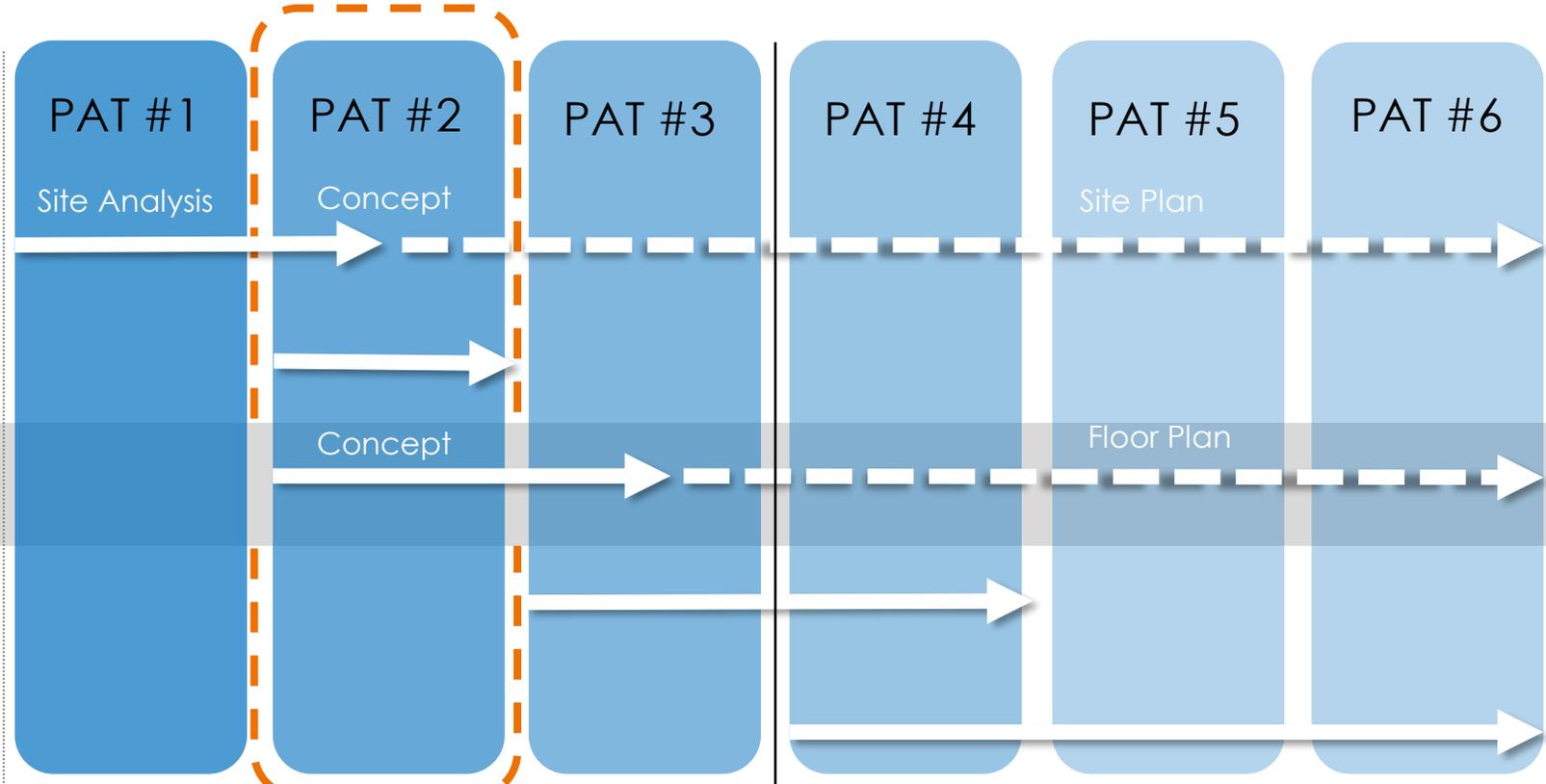


Next Steps – PAT Engagement Process

MEMORIAL DRIVE ELEMENTARY SCHOOL

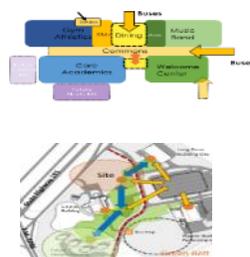
- Site Influences
- Program Space Types
- Functional Relationships
- Space Type Attributes
- Architectural Expression

January 2022

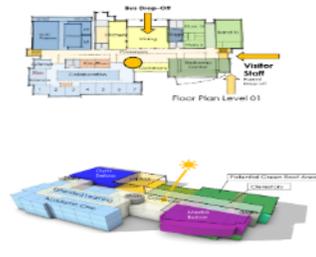


PAT Consensus
May 2022

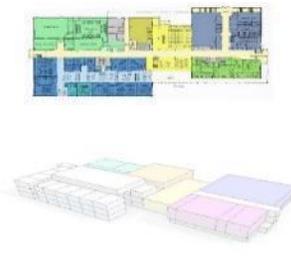
CONCEPTUALIZE



EXPLORE



DEVELOP



REFINE

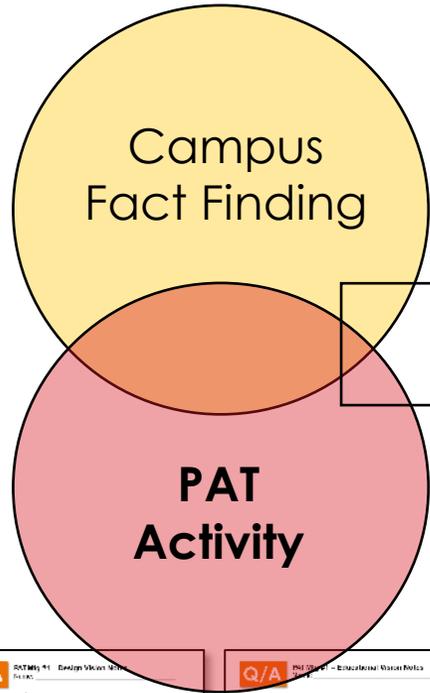




PAT Meeting #2 – What’s Happening Next?

Tuesday, Feb 1st @ 3:45 pm

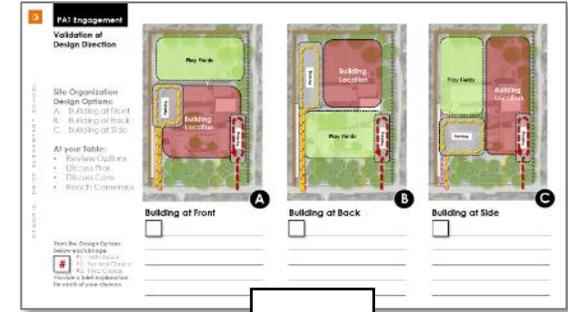
MEMORIAL DRIVE ELEMENTARY SCHOOL



Guiding Principles



Q/A	Design Vision	Q/A	Design Vision
1		1	
2		2	
3		3	



Site Organization: Building Anchors

PAT Activity Site Anchors

- Admin (Pink square)
- Library (Yellow square)
- Dining (Light Green square)
- Gym (Orange square)
- Front Door (Red circle)

Thank you

