



February 4, 2020

Spring Branch ISD Bunker Hill Elementary

Project Advisory Team Meeting #2





Spring Branch ISD

Travis Stanford

Associate Superintendent for Operations

Kris Drosche

Planning & Construction Project Manager

Dana Johnson

Bunker Hill Elementary School Principal

Stantec Architects



Jennifer Henrikson

Principal - Architect

Tracy Eich

Principal - Architect

Gretchen Diesel

Sr. Associate – Interior Design

Gary Dunn

Project Manager - Architect



Meeting Agenda:

Introductions / PAT Charge
 PAT Process Overview
 Program Summary

PAT Mtg #1 Recap

Vision Questions: Design + Education

Planning Exercise: Site Diagram

PAT Mtg #2 Focus: Functional Relationships
 BHE Campus Site Constraints
 PAT Engagement-1: Functional Relationship Diagram
 PAT Engagement-2: Learning Community Organization

Next PAT: March 3rd / Closing Remarks

BHE Project Advisory Team (PAT) – Charge

OVERVIEW

A Project Advisory Team (PAT) will be chartered for the planning of a replacement for **Bunker Hill 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.

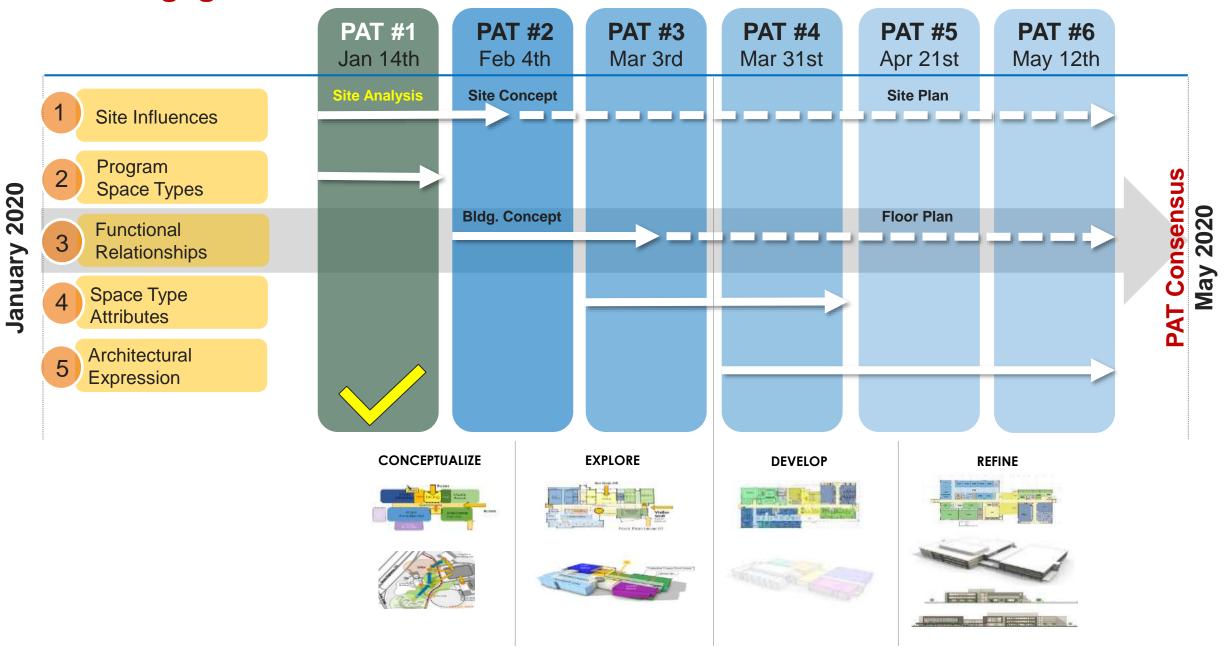
The PAT will <u>advise on recommendations</u> regarding the planning and development of the replacement of Bunker Hill Elementary School.

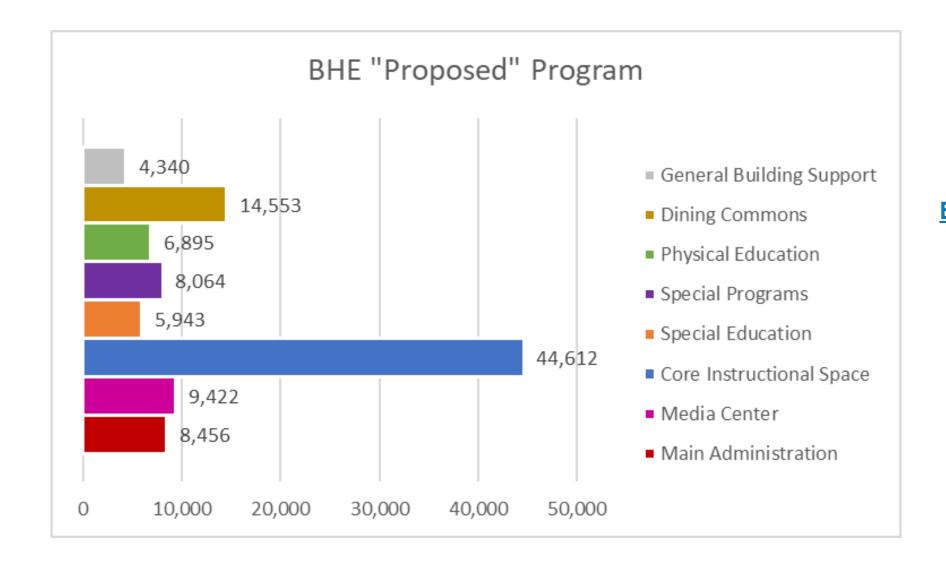
These <u>recommendations will be presented</u> by the project's architects:

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

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.

PAT Engagement: Process Overview





New Bunker Hill ES ES Ed Spec: 700 Students

Total Bldg. = 102,285 GSF

5 = PK/Kinder

5 = 1st grade

 $5 = 2^{\text{nd}}$ grade

 $6 = 3^{rd}$ grade

 $6 = 4^{th}$ grade

5 = 5th grade

32 Classrooms Total



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Design Vision

- 1. Share three words which describe the personality & character of Bunker Hill Elementary.
- 2. Describe what makes Bunker Hill Elementary uniquely Bunker Hill?
- 3. What is your <u>favorite aspect</u> of the existing campus you don't want to lose?
 What is your <u>least favorite aspect</u> of the existing campus that needs to change?

Design Vision

Question 1: 3 words that describe personality & character

family friendly

cozy

quaint traditional

contemporary

private

peaceful

welcoming

natural

park like setting

diverse student body

high achieving

inclusive

loving

tight knit

caring

inclusive

trees

tucked away

community feel

quiet

Question 2: what makes BHE unique

very close knit

small community

tons of tradition

easy access to outdoor learning

connection to nature

it goes well with design of neighborhood concept

core values

pastoral setting

single story intimate bldg

exterior entries

accessible to community

embedded within neighborhood

welcoming and community oriented

quaint/hidden

sense of closeness / togetherness

family oriented

Question 3: Favorite Things

tons of trees and windows easy access to outdoor learning

close-smaller community

love open space / concept

contemporary design

privacy

play space

walkability

old school

not flashy and blends into neighborhood

trees hidden

walkable/bikeable

Question 3: Least Favorite Things

parking security

outdoor hallways

no bathrooms cafeteria too small

technology

no multi function space

roof accessibility

mildew walls

lack of cut thru for parking

lack of safety

many entrances and not all close together

Don't want traffic building on Strey/Taylorcrest

Needs to remain safe for walkers

PAT Mtg#1 Feedback: Design Vision

1. Share three words that describe the personality and character of Bunker Hill ES.

PHYSICAL ENVIRONMENT

Natural Open Trees / Woodsy Cozy Quaint

Traditional Cottage Accessible Quiet

Private Peaceful Park-like Setting Safe Green Tucked Away Contemporary Intimate

IDENTITY CHARACTERISTICS

Family Friendly Welcoming Community Loving Student-Centered Inclusive

Excellence Happy Proud Tight Knit Caring Diversity High Achieving Charming Involved

Home Enclave Neighborhood Collaborative

PAT Mtg#1 Feedback: Design Vision

2. Describe what makes Bunker Hill Elementary uniquely Bunker Hill?

PHYSICAL ENVIRONMENT

Natural Environment Embedded in the Neighborhood Access to Outdoor Learning
Intimate Building Quaint/Hidden

Exterior Views/Natural Light Protected Exterior Entries One Story

IDENTITY CHARACTERISTICS

Small Community Oriented Sense of Closeness/Togetherness

Family Oriented Inclusive/Diversity Student/Parent Involvement Welcoming

Traditions Happy Friendly Openness Excellence Core Values Innocence

PAT Mtg#1 Feedback: Design Vision

3. What is your favorite aspect of the existing campus that you don't want to lose?
What is your least favorite aspect of the existing campus that needs to change?

FAVORITE ASPECTS

Outdoor Spaces Natural Setting Open Space Walkable / Bikeable Views

Play Spaces Hidden Neighborhood Privacy

Art Displays Natural Wood in the Library Old School Contemporary Design Intimate Culture

LEAST FAVORITE ASPECTS

Parking / Lack of Drive Connection Too Many Entrances / Too Far Apart

Safety / Security Concerns Size / Location of Entrance Age / Condition of Building

Technology Need More Outdoor Learning Features Cafeteria Too Small

Lack of Multi-Function Space Outdoor Hallways Stacking Traffic on Strey/Taylorcrest



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 how **Teaching & Learning has changed** at Bunker Hill Elementary since the 1950's.

Educational Vision

Question 1: Support Student engagement + community activities

safe voting spaces w/ restroom access, separated from students

more flexible + large meeting spaces / learning and work areas

space for evening programs, performances and space for parents

library center of instructional spaces

ability to close off community from learning areas (but w/ easy access)

ways to incorporate outdoor learning opportunities

seating/bleachers in gyms

more parking

technology of the future

welcoming environment - not sterile

arts & creativity meet academics, character building, core values

colorful settings

outdoor access + natural lighting

spaces that fit community activities

cafeterias make terrible theaters

biophilic - a sense of comfort thru a natural environment for kids

environmental assets/opportunities

venue for students to assemble and showcase their work

many people use the track everyday

room to work in classroom

area for faculty and community meetings

storage/restrooms/workspace

"specials" rooms/area

connected/areas rooms

secure for students to move about freely

outdoor learning spaces

Question 2: 3 things to help 21st century learning

library as center

access to / use of technology / adaptable technology

state of art tech

flexible collaborative spaces for teaching and learning

collaborative education

stage w/ equipment for performances

TV studio that encourages kids to learn the process

dedicated space for gifted & special needs programs

energy efficient/climate focus

create environment for future of "skill set"

interactive practical features (green)

connectivity to other communities

labs with real world application

spaces that can grow and morph w/ changes in population

creative environment = creative thought

flexibility

safety

building community

safe with many systems in place to protect teachers & students

ample natural light

views to exterior

condusive for parent involvement

forward looking storage options inviting classrooms

Question 3: How has teaching changed since 50s

ever changing technology / growth of personal technology

science labs/library maker space advances

more diverse and mobile student body

classroom layouts / use of instructional areas

announcements moving from PA to TV

information availability

RRR -> thinking skills

more hands on approach / individualistic

BHE TV - large space for programming

teacher focused -> student focused

outdoor / indoor dynamics

team teaching

active boards

more flexibility in thinking

helping students help themselves

safety/security has become much more serious and changed access

class sizes

more individualistic

demographic changes

no longer "Beaver Cleaver" type classrooms

small and large group instruction

more fluid lessons

lots of participation / gathering areas

collaborative teaching/learning

work stations through out the day

PAT Mtg#1 Feedback: Educational Vision

Describe how the building can help support both Student engagement and Community activities.

FLEXIBILITY

Larger and more flexible meeting, learning and work areas

Spaces that fit evening programs, performances and community activities

Ability to separate public spaces from learning community

Spaces with room to work and store

More Restrooms /
Better access

LEARNING ENVIRONMENT

Incorporate access to outdoor learning opportunities

Library at center of instructional spaces

Connected areas where students are secure to move about freely

Spaces for special learning activities

PHYSICAL ENVIRONMENT

Taking advantage of natural environment as an asset

More Parking

Use of Natural Lighting

Welcoming Environment

PAT Mtg#1 Feedback: Educational Vision

2. Name three things that help create a modern 21st Century Teaching & Learning environment that helps to support and foster a successful program

LEARNING ENVIRONMENT

Technology:
Access to / Use of / Adaptable

Flexible collaborative spaces for teaching and learning (inviting classrooms)

Practical and Interactive Features
Equipment adequate
for their need that encourage
learning the process

Library at center of instructional spaces

Labs with real world application / environments for future skill sets

PHYSICAL ENVIRONMENT

Ample Natural Light / Views to Exterior

Safety

Energy efficient / climate focused

"Creative environment = Creative thought"

FLEXIBILITY

Flexibility

Forward Looking

COMMUNITY

Conducive for Parent Involvement

Building Community

Dedicated Gifted/Talented space

PAT Mtg#1 Feedback: Educational Vision

3. Describe how **Teaching and Learning have changed** at Bunker Hill Elementary since the 1950's

TEACHING STRATEGIES

Collaborative Teaching and Learning

Movement from Teacher focused to **Student focused**

Movement from 3 R's to **Thinking Skills**

More Hands-on / Individualistic
Instructional Approach

Team Teaching

Helping Students Help Themselves

TECHNOLOGY

Ever-changing technology / growth of personal technology

Information Availability

Science Lab / Makerspace Advances

COMMUNITY

Safety and Security

Demographic changes

More diverse + Mobile student body

PHYSICAL ENVIRONMENT

Classroom layouts / instructional area use small and large group instruction

"No longer Beaver Cleaver" type classrooms

Outdoor / Indoor Dynamics



PAT Site Plan Diagramming

Engagement Activity #2: 35 mins

10 minutes of Group/Table work (5-6 tables) 25 minutes of Reporting out (5 mins max. per table)

Site Plan "Anchors" for Design Diagram



Administration

- Parent Drop-off / Parking
- Front Main Entry
- Administration



Library / Media Center

- Central to Learning Communities
- Front Entry
- After-hour Use



Dining Commons

- Service Access
- Bus Drop-off
- After-hour Use



Activity Gym

- PE Space
- Covered Play + Play Fields + Equipment
- After-hour Use



PAT Mtg#1 Feedback: Site Diagram Exercise

<u>Site Plan "Anchors" for Design Diagram</u>

Administration

Library / Media Center

Dining Commons

Activity Gym

Table 1

PROPOSED TO THE PROPOSED TO TH

Table 2



Table 3



Table 4



Table 5

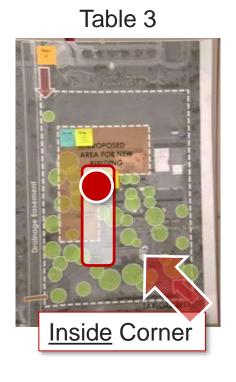


PAT Mtg#1 Feedback: Site Diagram Analysis

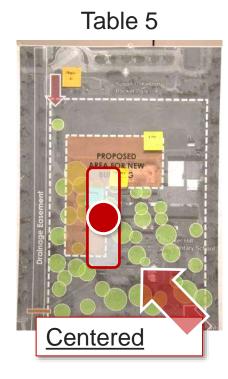
Table 1

Inside Corner



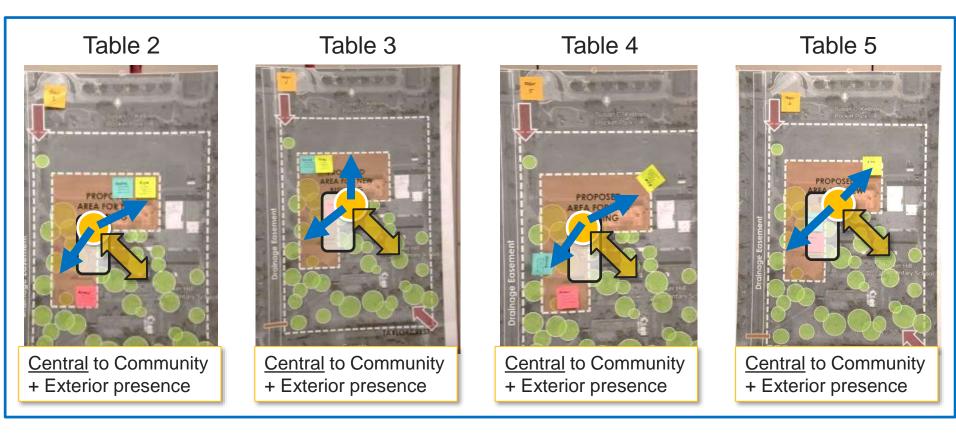






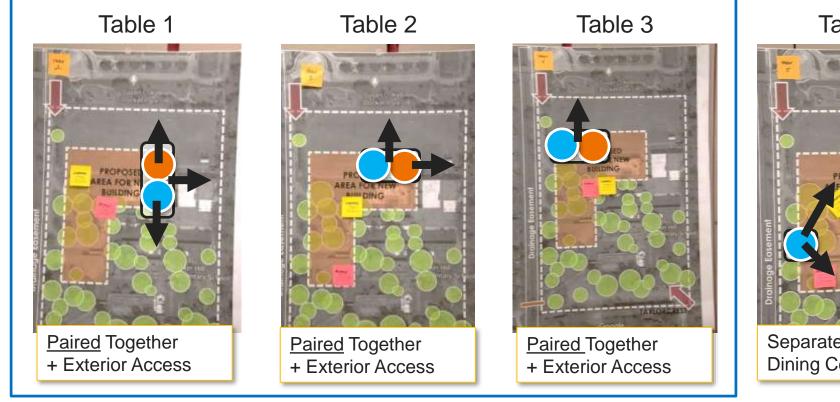
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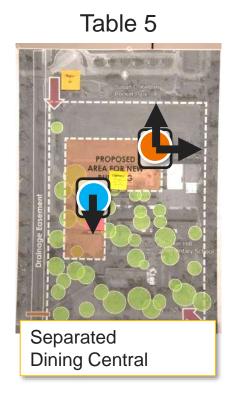




PAT Mtg#1 Feedback: Site Diagram Analysis









Paired Together for large group flexibility

Gym = Direct access to outside play

Dining = Convenient access to Administration and Learning Communities



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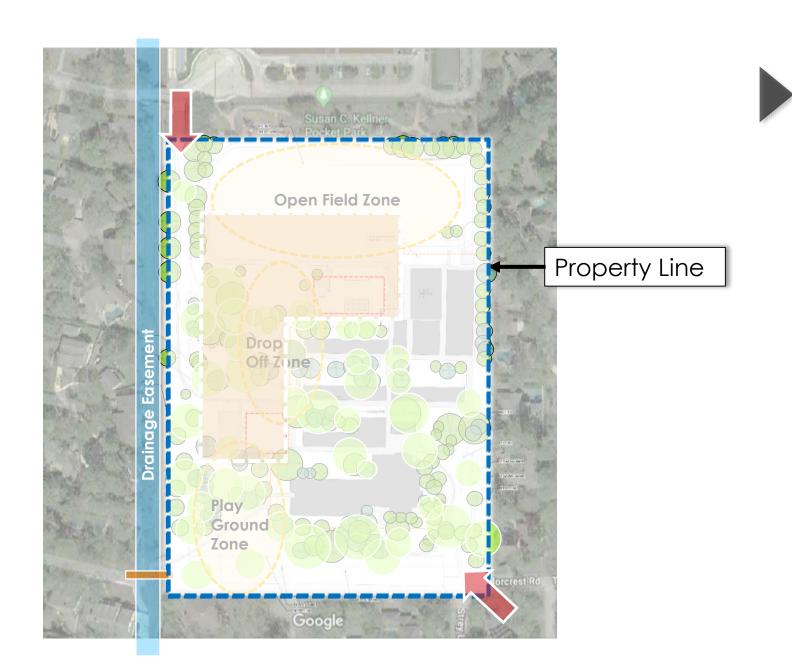
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Next PAT: March 3rd / Closing Remarks



Site Constraint Elements

- Property Line
- Building Setbacks
- Utility Easements
- Site Access Points
- Building Height
- Residential Zones
- Existing Building
- Existing Trees
- Traffic Patterns
- Pedestrian Circulation



50' HARRIS COUNTY DRAINAGE EASEMENT

PROPERTY LINE

50' BUILDING SETBACK

ROADWAY EASEMENT

UTILITY EASEMENT

Site Access points (internal Connecting road)

2 Story Height Max.

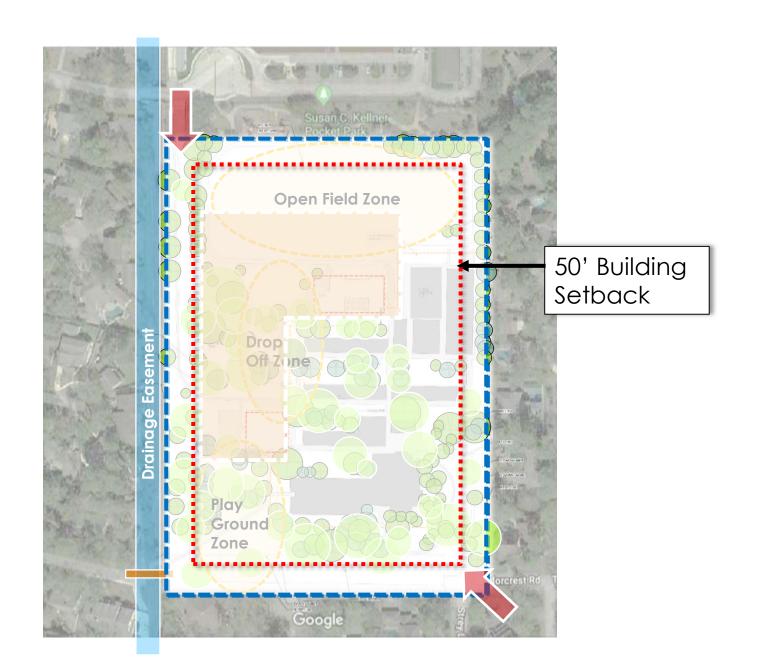
Residential Zones on Three sides

Buffer from Apartments Undetermined future use

Existing Building & Existing Trees-survey







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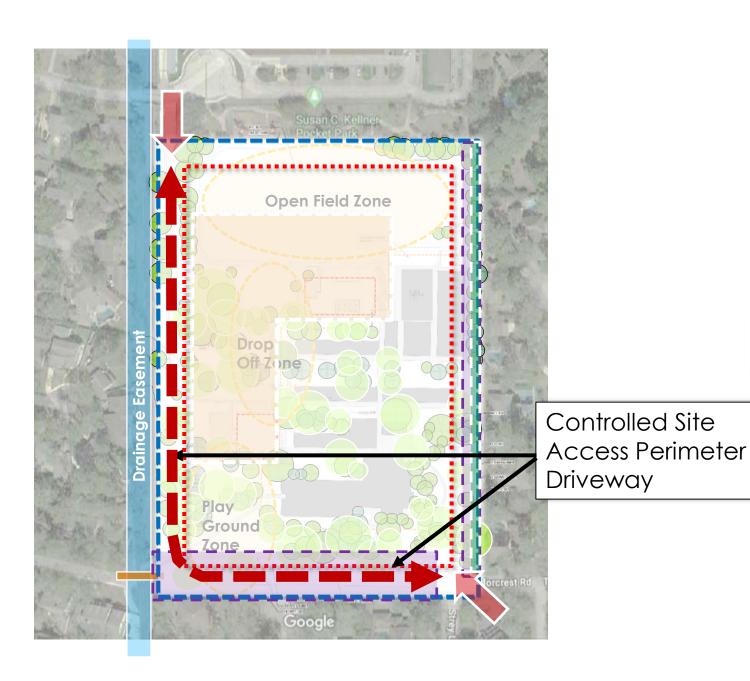
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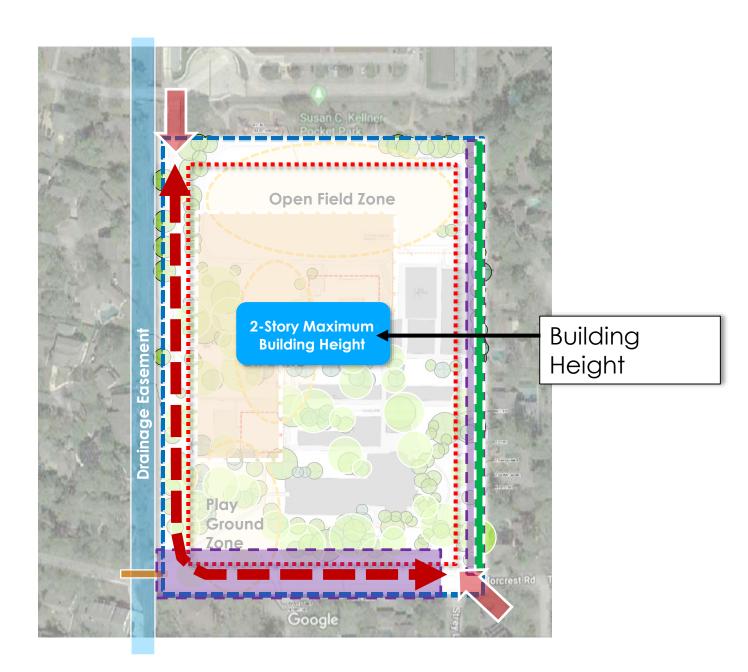
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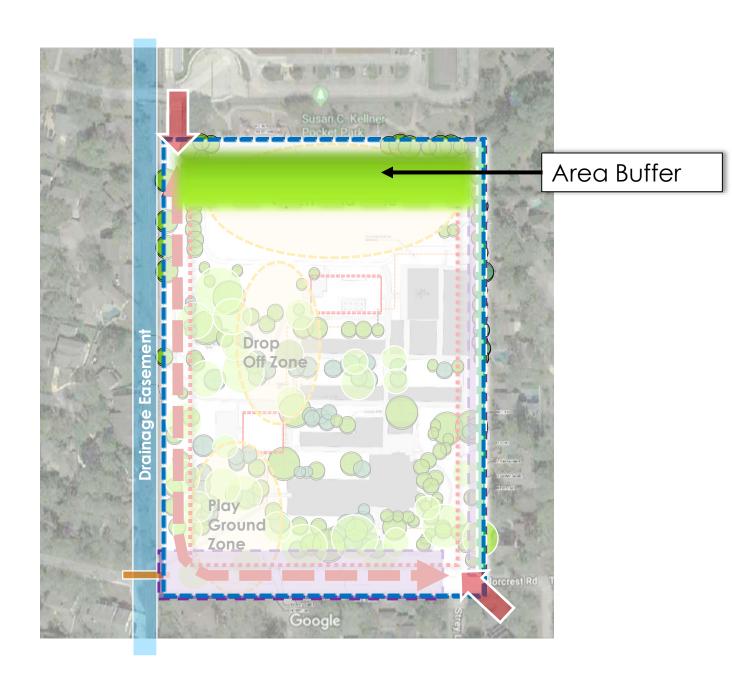
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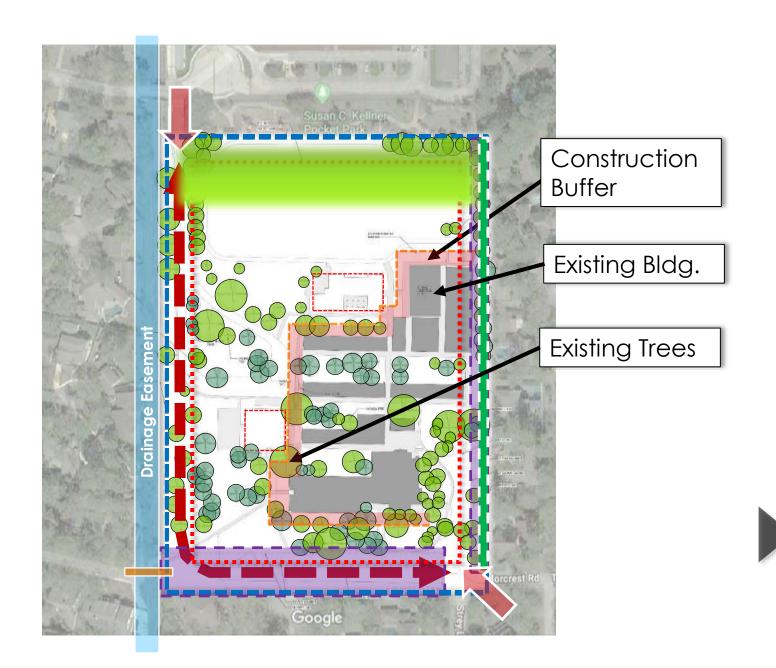
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ROADWAY EASEMENT

UTILITY EASEMENT

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Oak Trees

Pine Trees



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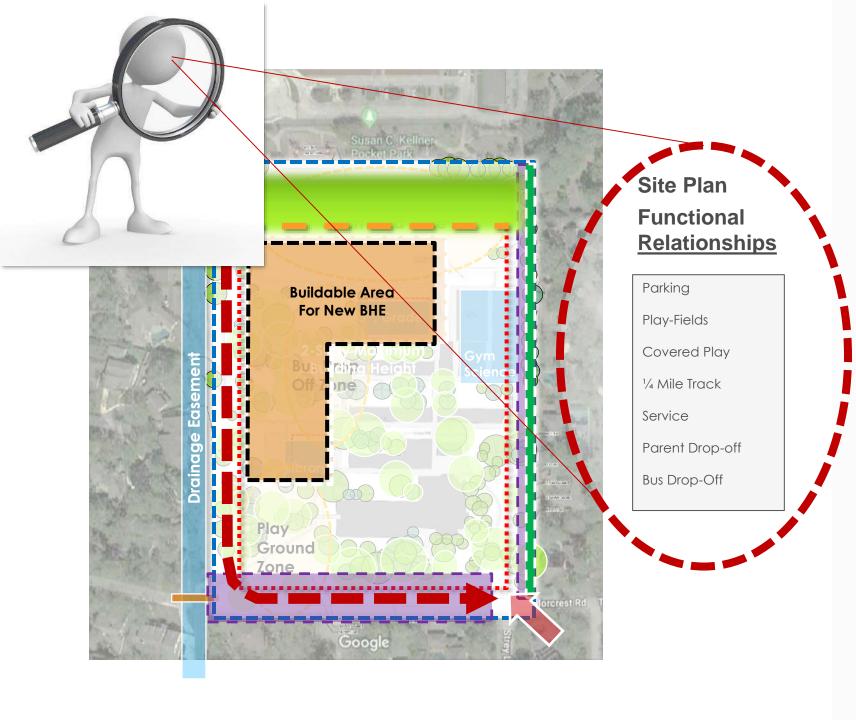
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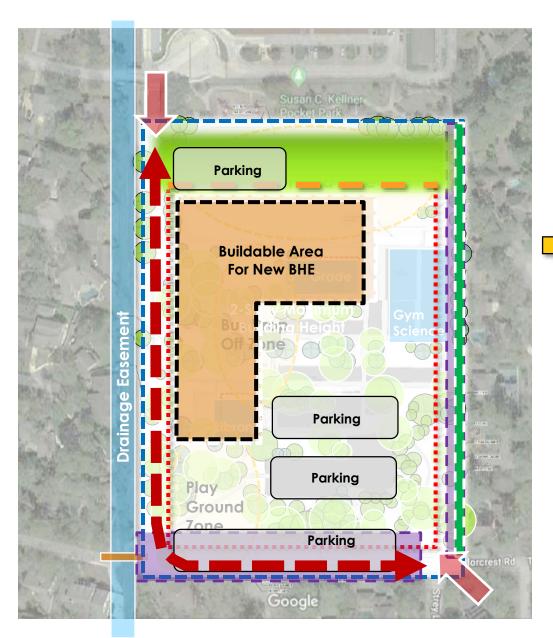
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Play-Fields

Covered Play

1/4 Mile Track

Service

Parent Drop-off

Bus Drop-Off

Site Constraints

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50' BUILDING SETBACK

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UTILITY EASEMENT

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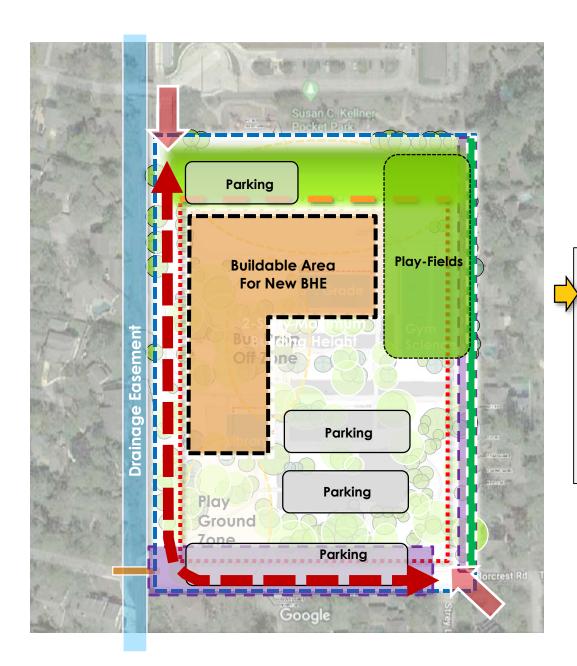
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Residential Zones on Three sides buffer from Apartments Undetermined future use

Existing Building & Existing Trees-survey







Parking

Play-Fields

Covered Play

1/4 Mile Track

Service

Parent Drop-off

Bus Drop-Off

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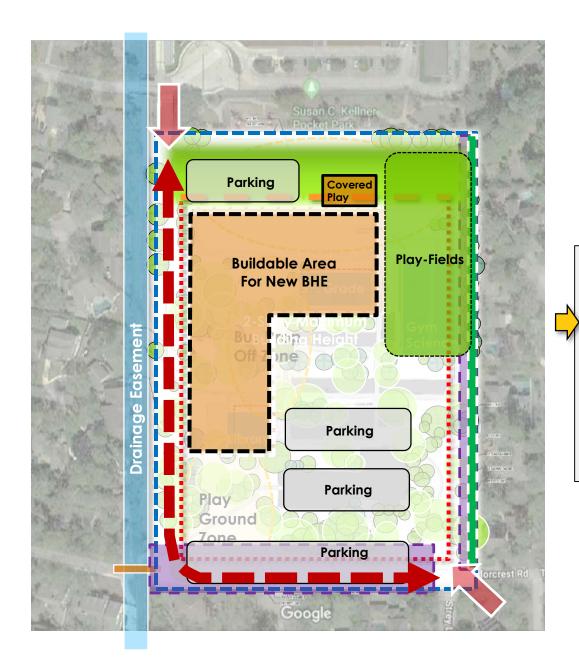
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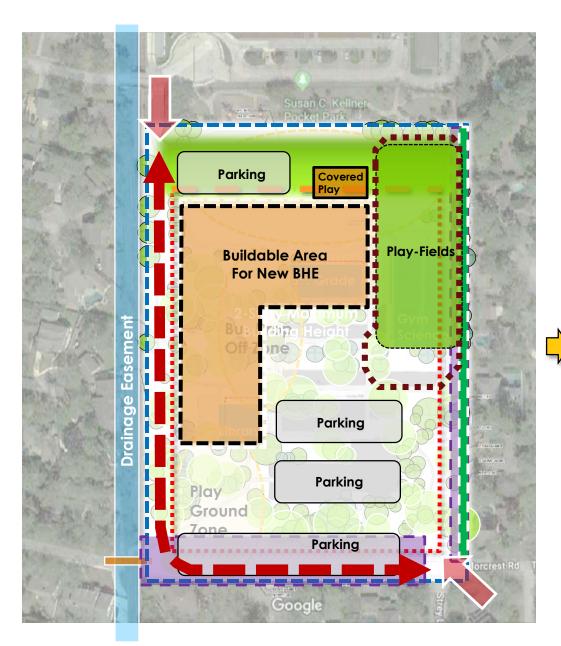
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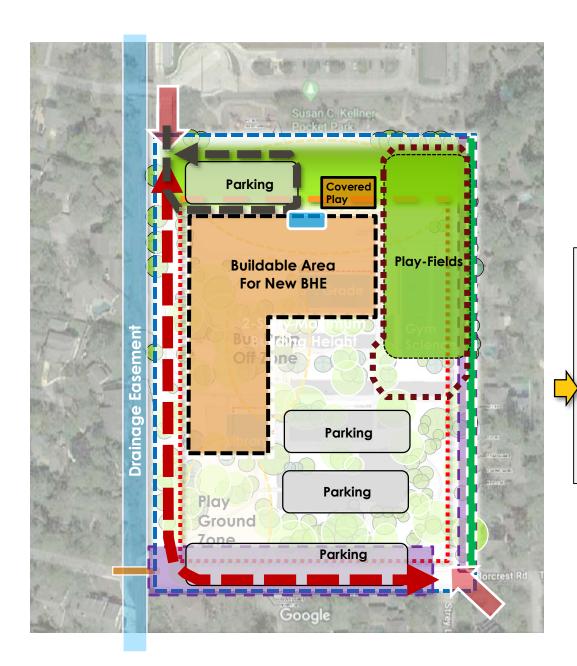
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Site Plan Functional Relationships

Parking

Play-Fields

Covered Play

1/4 Mile Track

Service

Parent Drop-off

Bus Drop-Off

Site Constraints

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Traffic Patterns and Pedestrian Circulation



Site Plan Functional Relationships

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1/4 Mile Track

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Traffic Patterns and Pedestrian Circulation

Functional Relationship Evaluation

Engagement Activity #1: 50 minutes

Building Functional Relationships:

- Explore 2 options based on PAT Mtg #1 feedback
- Key Building Functional Relationship Criteria

Site Anchor Locations (PAT Mtg#1):

Administration Library/Media Gym + Dining

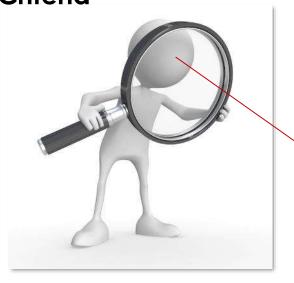
Instructional Anchors:

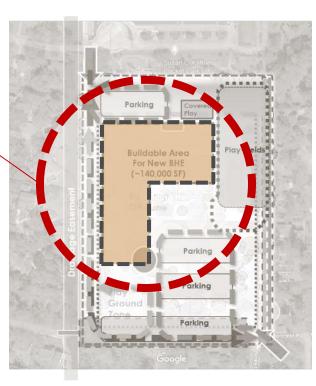
Learning Communities = Outdoor Connection Grade Level Groups = (K, 1st, 2nd, 3rd, 4th, 5th) Art + Science = Outdoor Access

Organization

Clarity of Separation of Primary Functions

 <u>PAT Discussion</u>: Review both options compared against the Evaluation Criteria + PAT input





Functional Relationship Evaluation

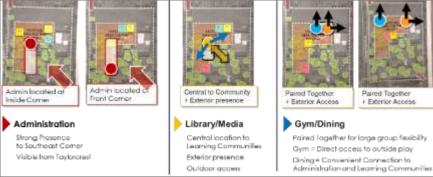
Engagement Activity #1: 50 minutes

05 min = Outline / Set-up

15 min = Table Group Consensus

30 min = Facilitated Discussion

PAT Mtg#1
Site Diagram
Concepts



Building Diagram Evaluation Criteria

Administration

Front Door / Community Presence

Library

Learning Communities Center / Exterior Access

Learning Communities

Grade Levels / Outdoor Access

Art + Science

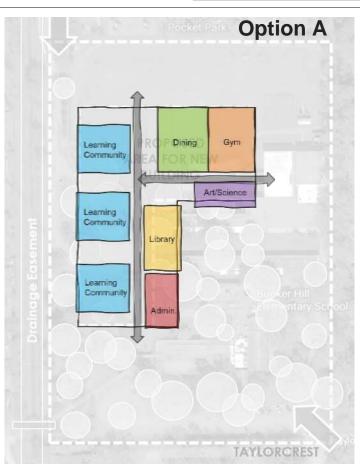
Outdoor Access / Learning Communities

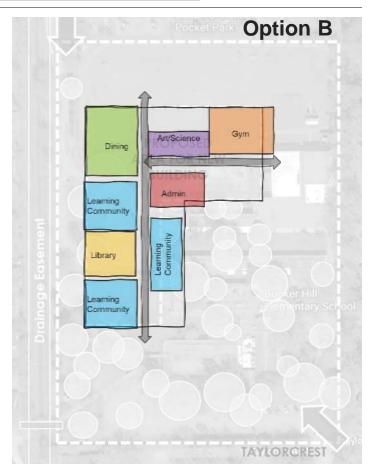
Dining

Service + Access: Student / Community

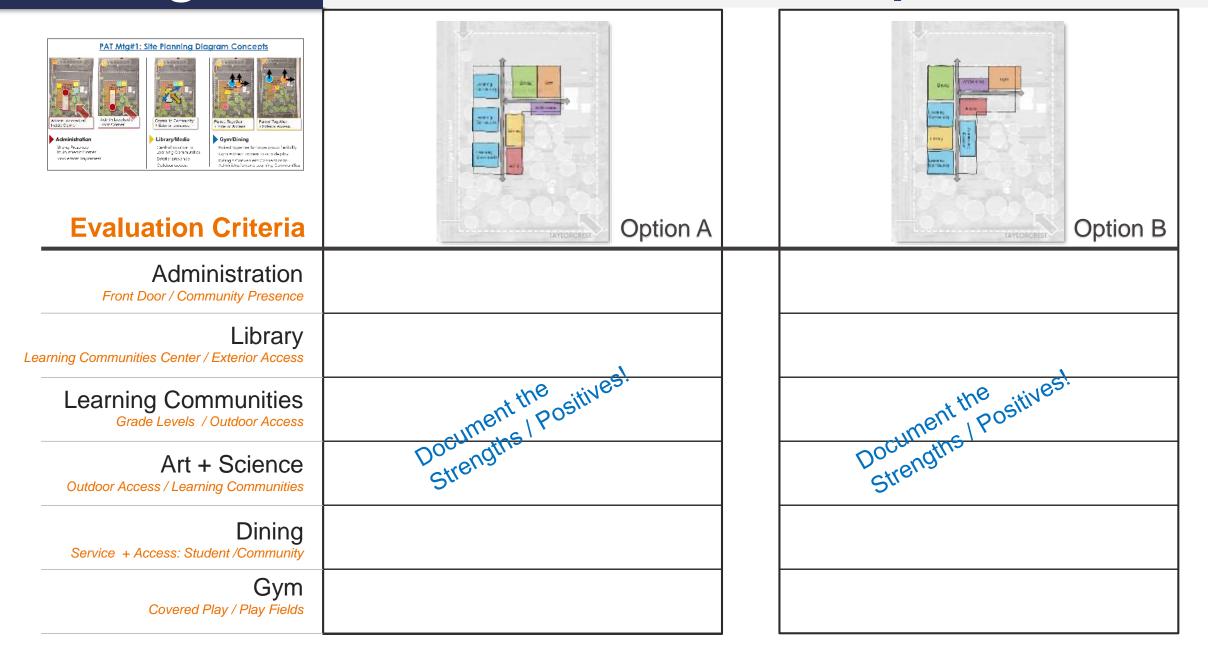
Gym

Covered Play / Play Fields





Functional Relationship Evaluation



Functional Relationship Evaluation

Building Functional Relationships:

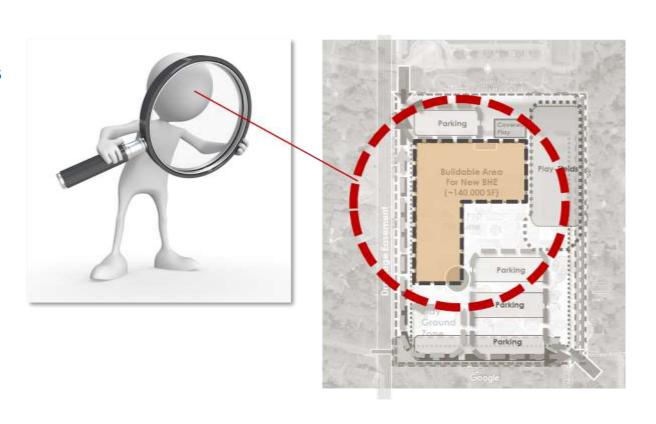
- Administration
 Front Door / Community Presence
- Library / Media Center
 Learning Communities Center / Exterior Access
- Dining + Gym

Access: Student/Staff + Community

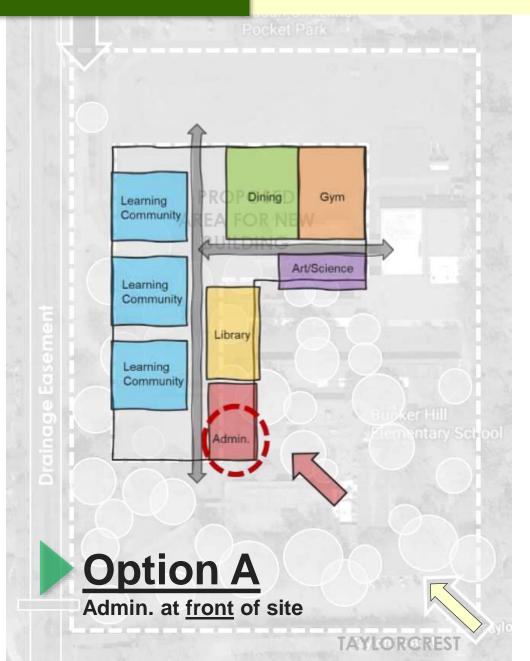
Kitchen: Service Access

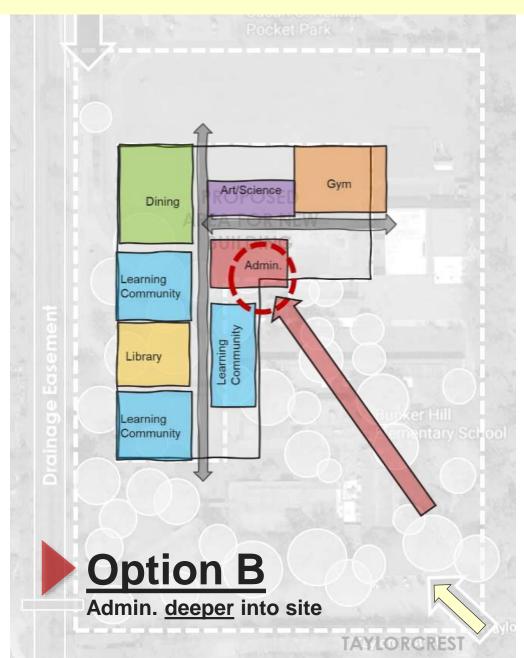
Gym: Covered Play + Fields

- Art + Science
 Outdoor Access from Classroom
- Learning Communities
 Grade Levels / Access to Outdoor / Views
- Bus Drop-off / Pick-up
 Staging for Drop-off / Pick-up
- Building Zoning / Organization
 Primary Function Clarity / Separation

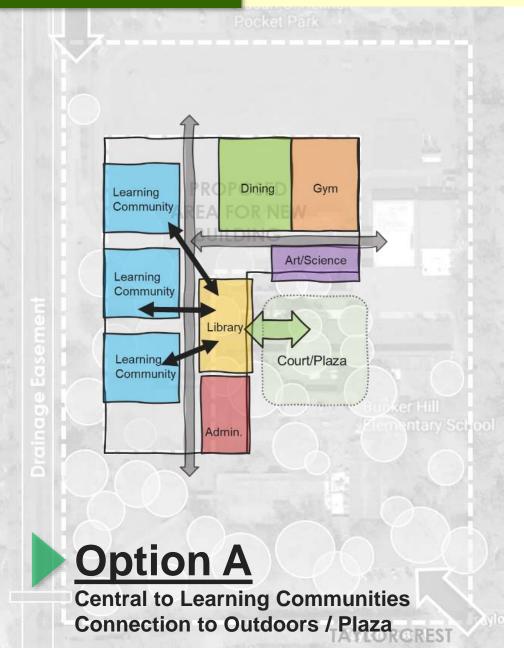


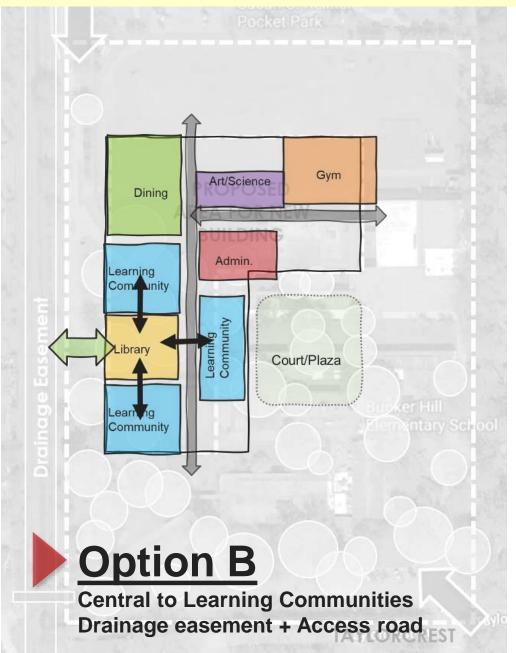
Administration



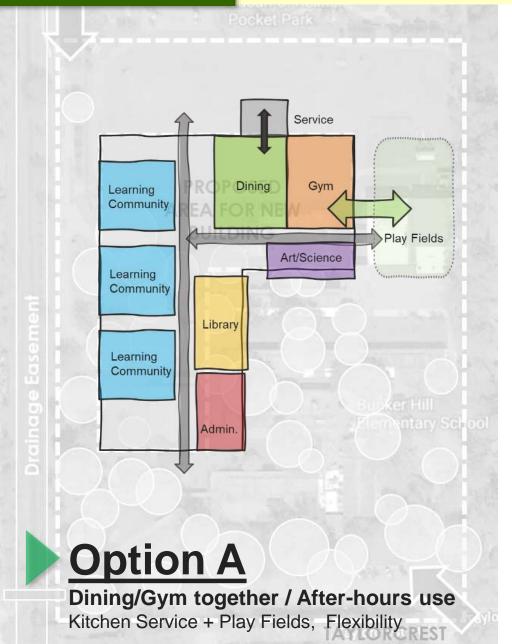


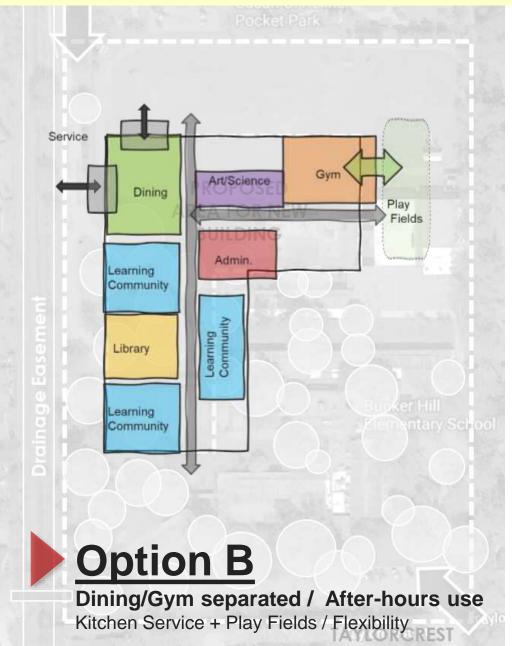
Library / Media Center



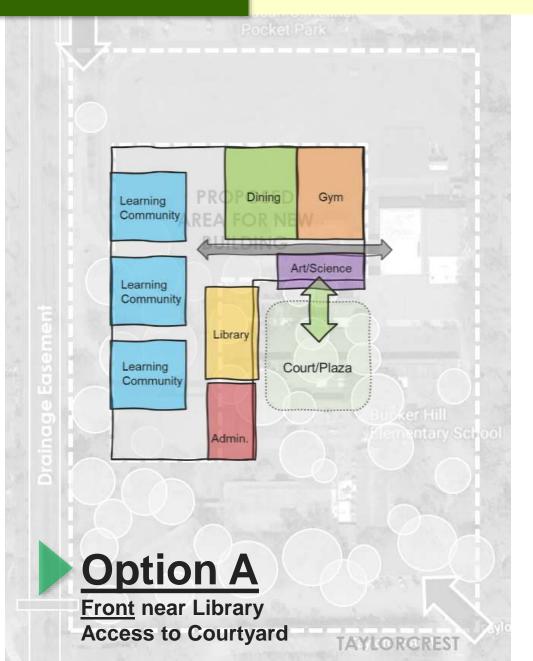


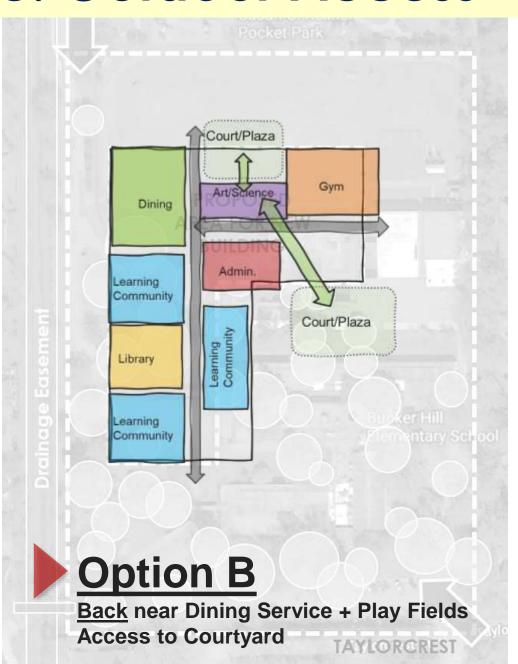
Dining + Gym



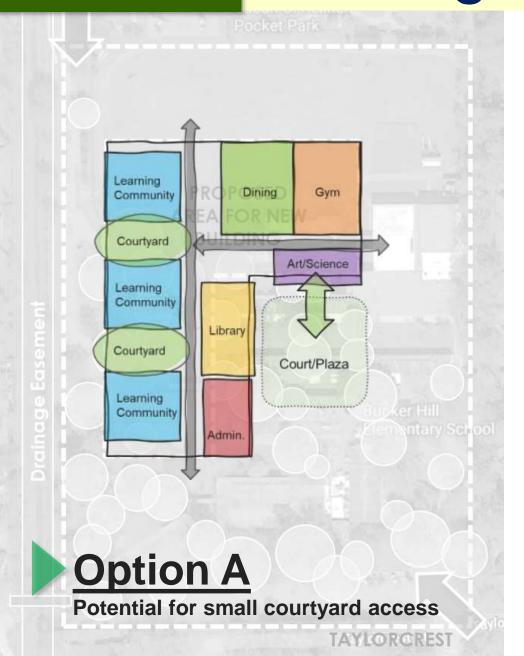


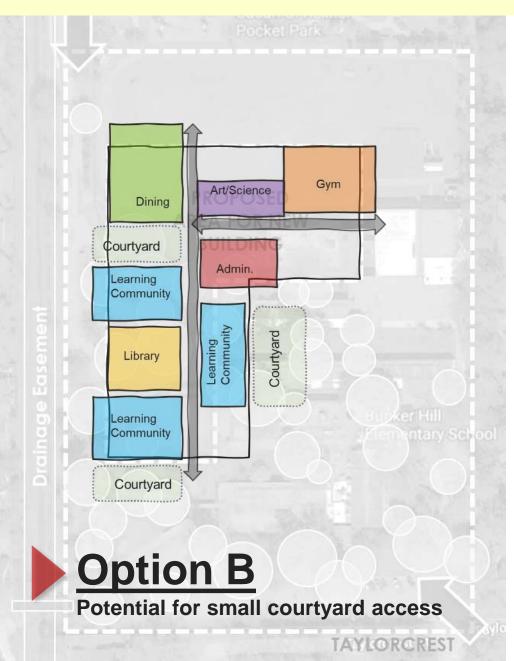
Art + Science: Outdoor Access



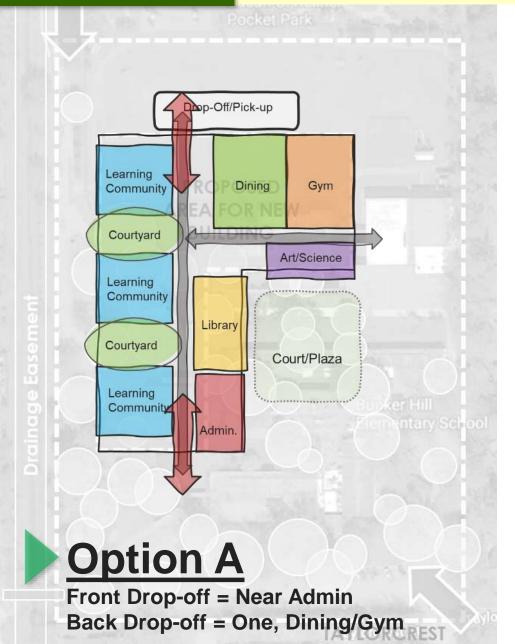


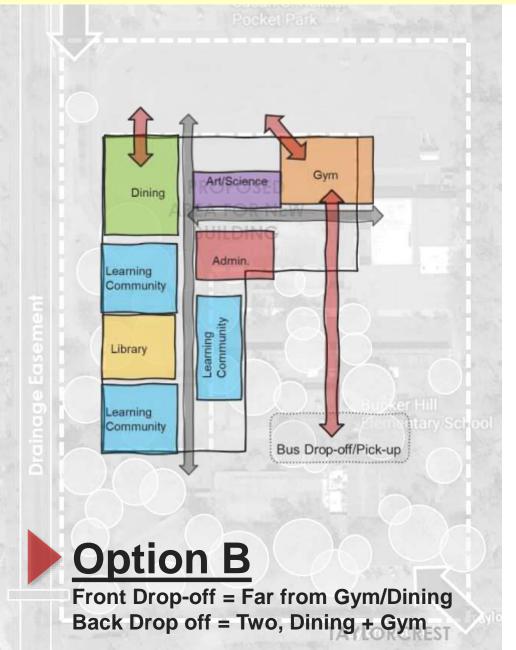
Learning Communities



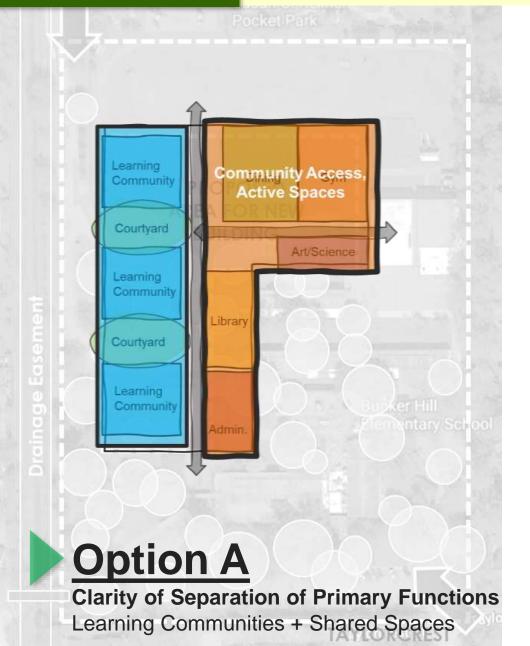


Staging for Bus Drop-off / Pick-up





Building Zoning / Organization



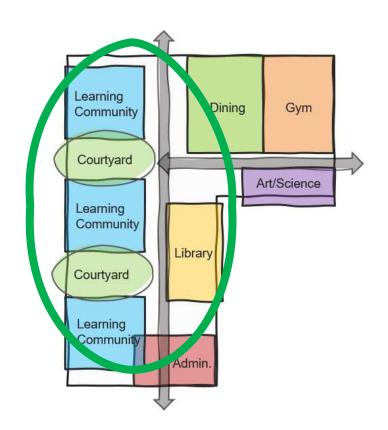


Learning Community Organization

Engagement Activity #2: 10 minutes

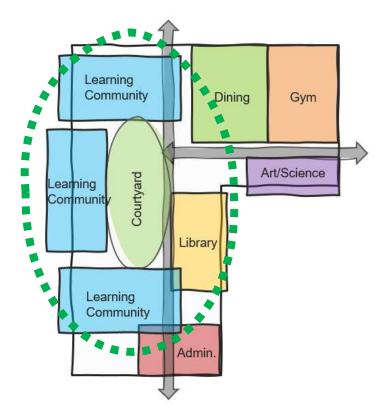
Learning Community Organization Concepts

PAT Feedback: We are seeking input on the "building organization" concept



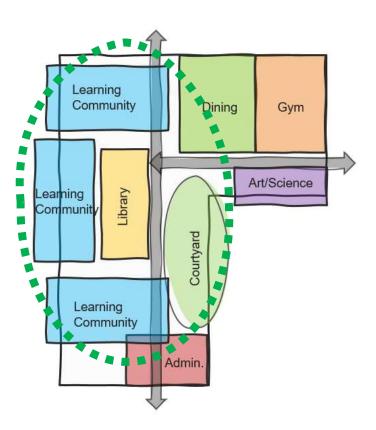
LC Courtyards

"Proposed"



Central Courtyard

Consider?

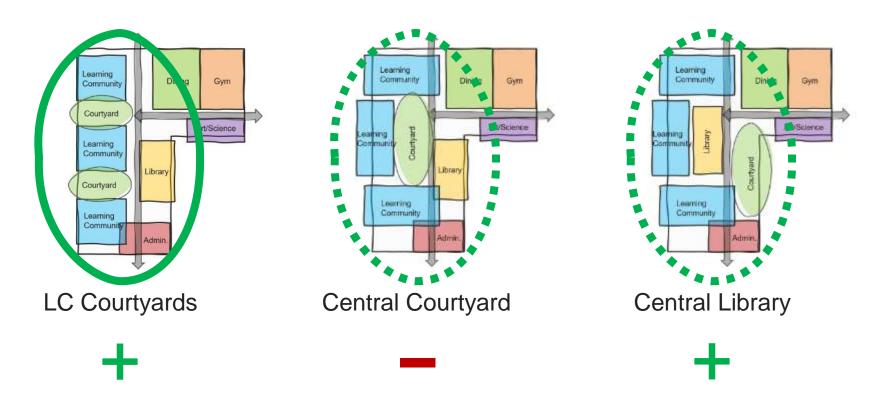


Central Library

Consider?

Learning Community Organization

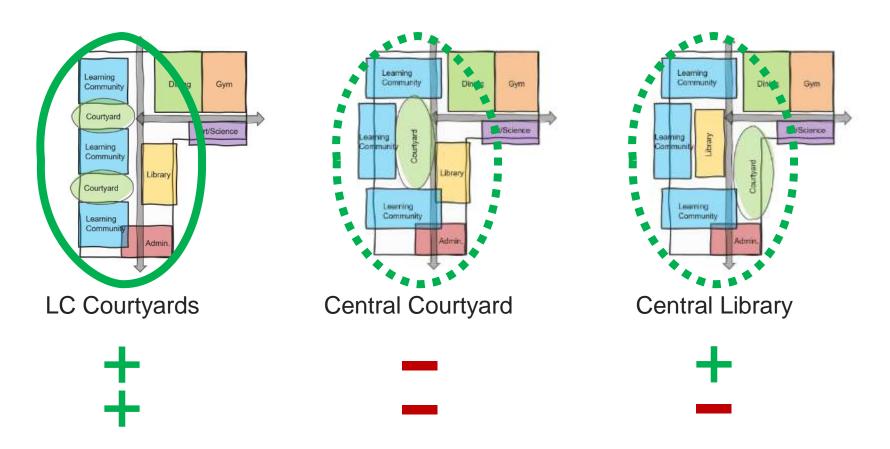
PAT Feedback: We are seeking input on the "building organization" concept



Library at the Heart

Learning Community Organization

PAT Feedback: We are seeking input on the "building organization" concept

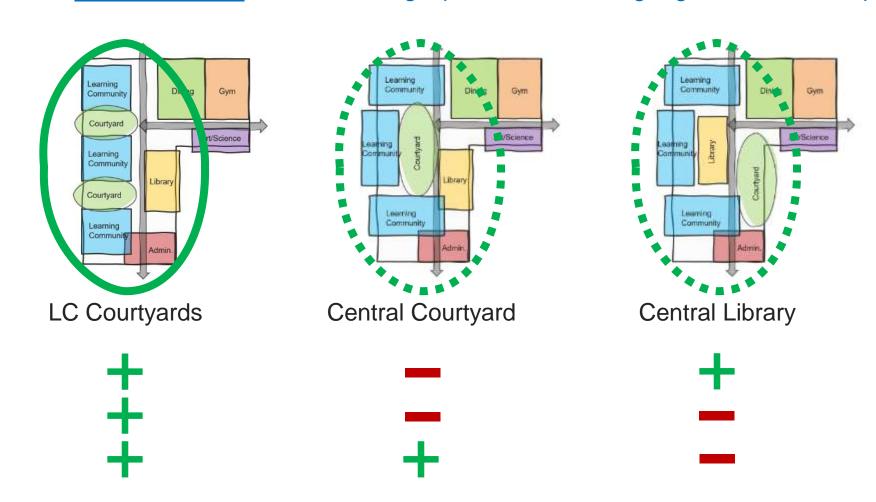


Library at the Heart

LC Views to Exterior

Learning Community Organization

PAT Feedback: We are seeking input on the "building organization" concept



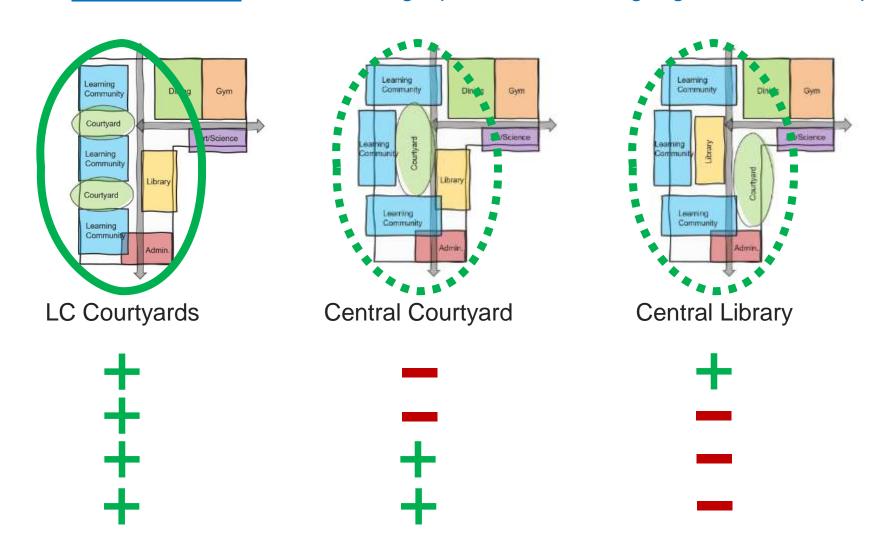
Library at the Heart

LC Views to Exterior

Outdoor Learning

Learning Community Organization

PAT Feedback: We are seeking input on the "building organization" concept



Library at the Heart

LC Views to Exterior

Outdoor Learning

Open Feeling

Library at the Heart

LC Views to Exterior

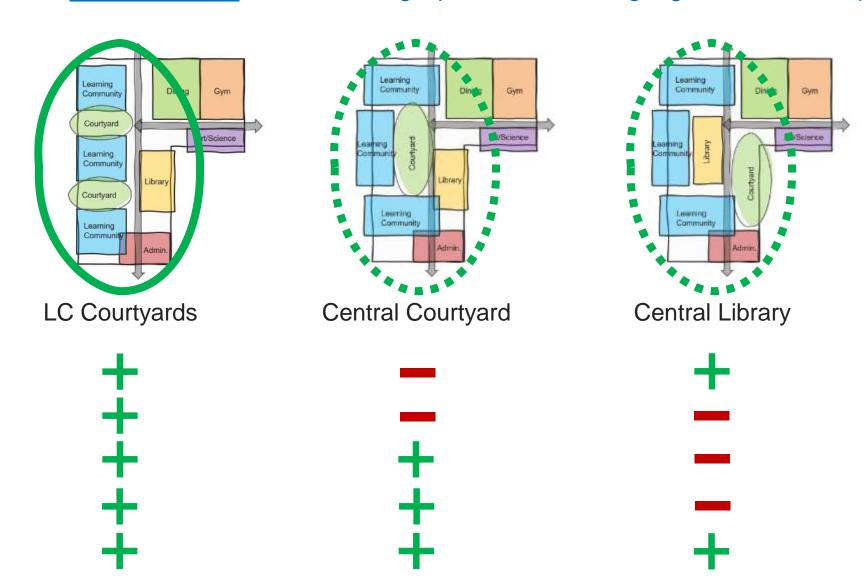
Community Activities

Outdoor Learning

Open Feeling

Learning Community Organization

PAT Feedback: We are seeking input on the "building organization" concept





Meeting Agenda:

Introductions / PAT Charge
 PAT Process Overview
 Program Summary

PAT #1 Recap

Vision Questions: Design + Education

Planning Exercise: Site Diagram

PAT #2 Focus: Functional Relationships

BHE Campus Site Constraints

PAT Engagement-1: Functional Relationship Diagram

PAT Engagement-2: Learning Community Organization

Next PAT: March 3rd / Closing Remarks