



September 14, 2020

Spring Branch ISD
Bunker Hill Elementary

Board of Trustees CD Phase Update





INTRO

Meeting Agenda:

1. Introduction / Meeting Overview

PAT Input: Guiding Principles

Project Schedule: CD Phase – PAT Update

2. Design Update: Review Current Status of BHE Design

Update... Site + Floor Plan

New Info: BHV Specific Use Permit

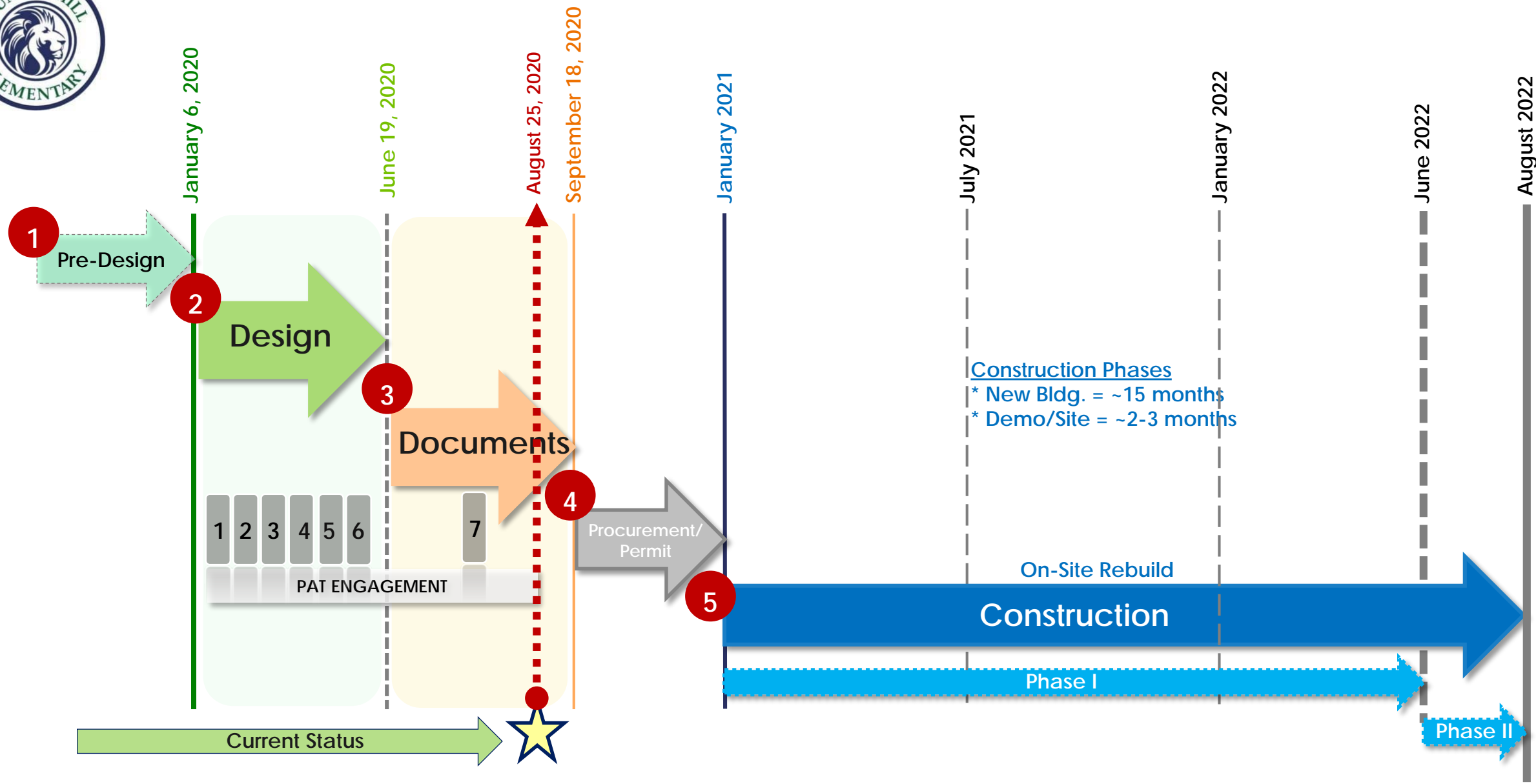
Recap.... Bunker Hill ES - 3D Images (Exterior + Interior)

New Info: Bunker Hill ES - 3D Animation

3. Closing Remarks / Questions

Bunker Hill ES | Guiding Principles Design Objectives from PAT:

1. **Open and Welcoming feeling.**
Inviting to and inclusive of the diverse community.
2. **Embedded within Natural setting.**
Connected with views and access to walkable neighborhood.
3. **Student centered and Parent involved.**
Celebrating excellence, achievement and tradition.
4. **Flexible, Collaborative and Forward Thinking.**
Responsive to Teaching and Learning objectives over time.





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UPDATE

3. Closing Remarks / Questions

PAT Mtg #8 BUNKER HILL ES - PROPOSED SITE PLAN

NW Entry:
Parent
Stacking
+
Pick-up
Drop-off

Gate

Pedestrian

Parent Drop-off

Back Entry

Classrooms

Bikes

Service Yard

Covered Play

Dining

Gym

Classrooms

Plaza Entry

Classrooms

Learning Plaza

Library

Admin

Front Entry

Bus Drop-off

Visitor Parking

Visitor / Staff Parking

Monument Sign

Staff Parking

Gate

Pedestrian SE Entry:

Buses + Visitors

1. Perimeter Boundary / Security

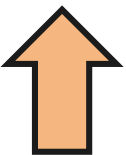
- Site Access** (Existing access points to campus remain as is)
- Site Fencing** (6ft at Perimeter + Learning Plaza, 4 Vehicle Access Gates)
- Building** (Main Front Entry, Back Secondary Entry)
- Service Yard** at North end of site

2. Traffic Flow

- Pedestrian Walks** (3 points of entry)
- Parent Drive/Drop-off** (NW corner from neighborhood)
- Bus Drive/Drop-off** (SE corner from Taylorcrest)
- Visitor Entry** (SE corner from Taylorcrest)
- Student Bike Racks** (100 near Gym + 30 at Parent Drop-off)

Legend

- Vehicular Traffic
- Bus Traffic
- Pedestrian Route
- New Fencing
- Egress Door
- ← Site Ingress/Egress



North

Pedestrian

PAT Mtg #8 BUNKER HILL ES - PROPOSED FLOOR PLANS

FL1 = 16 Classrooms



Floor 1



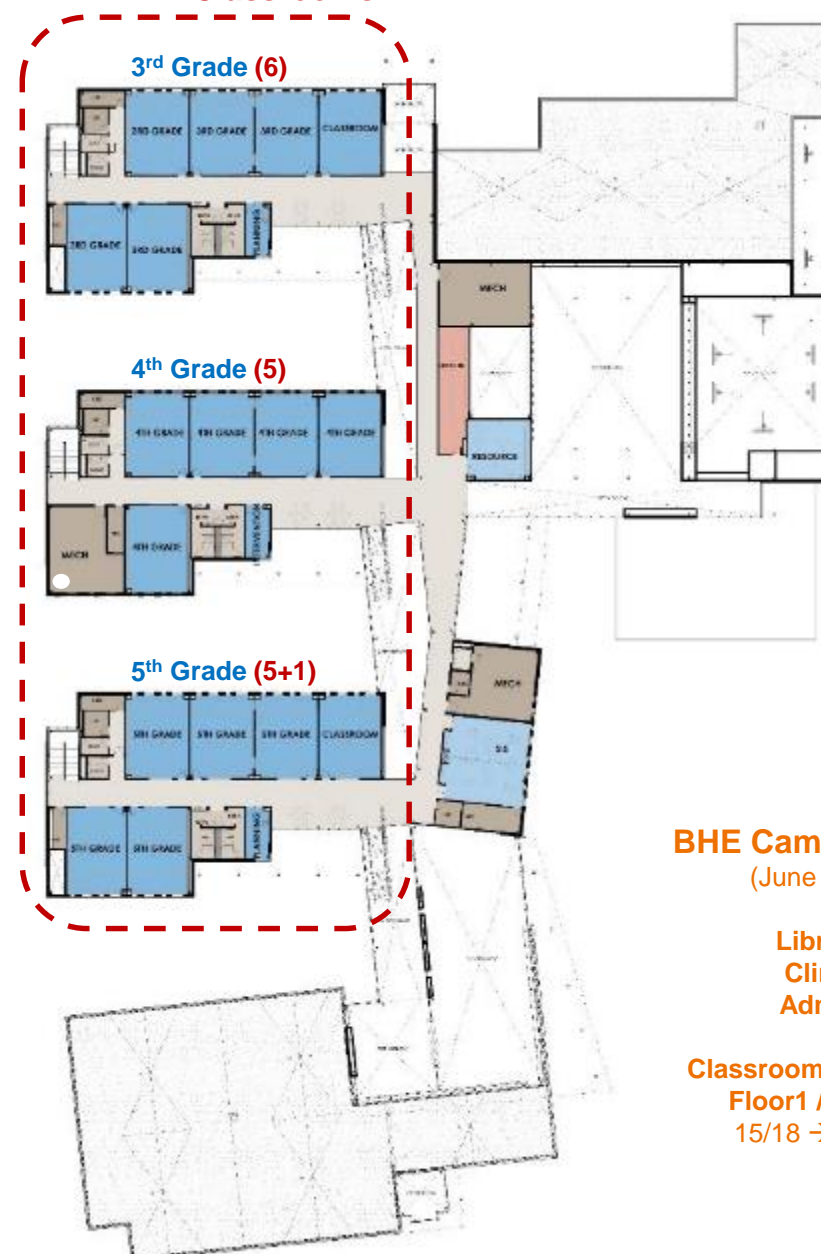
Floor 2

5 = PK/Kinder
6 = 1st grade
5 = 2nd grade
6 = 3rd grade
5 = 4th grade
6 = 5th grade (5+1)
33 Classrooms Total

Legend

- Administration
- Media Center
- K-5th, SPED, Science
- Collaboration/Flex
- Dining Commons
- Gym / C. Play
- Art / Music
- Building Support
- Circulation

FL1 = 17 Classrooms



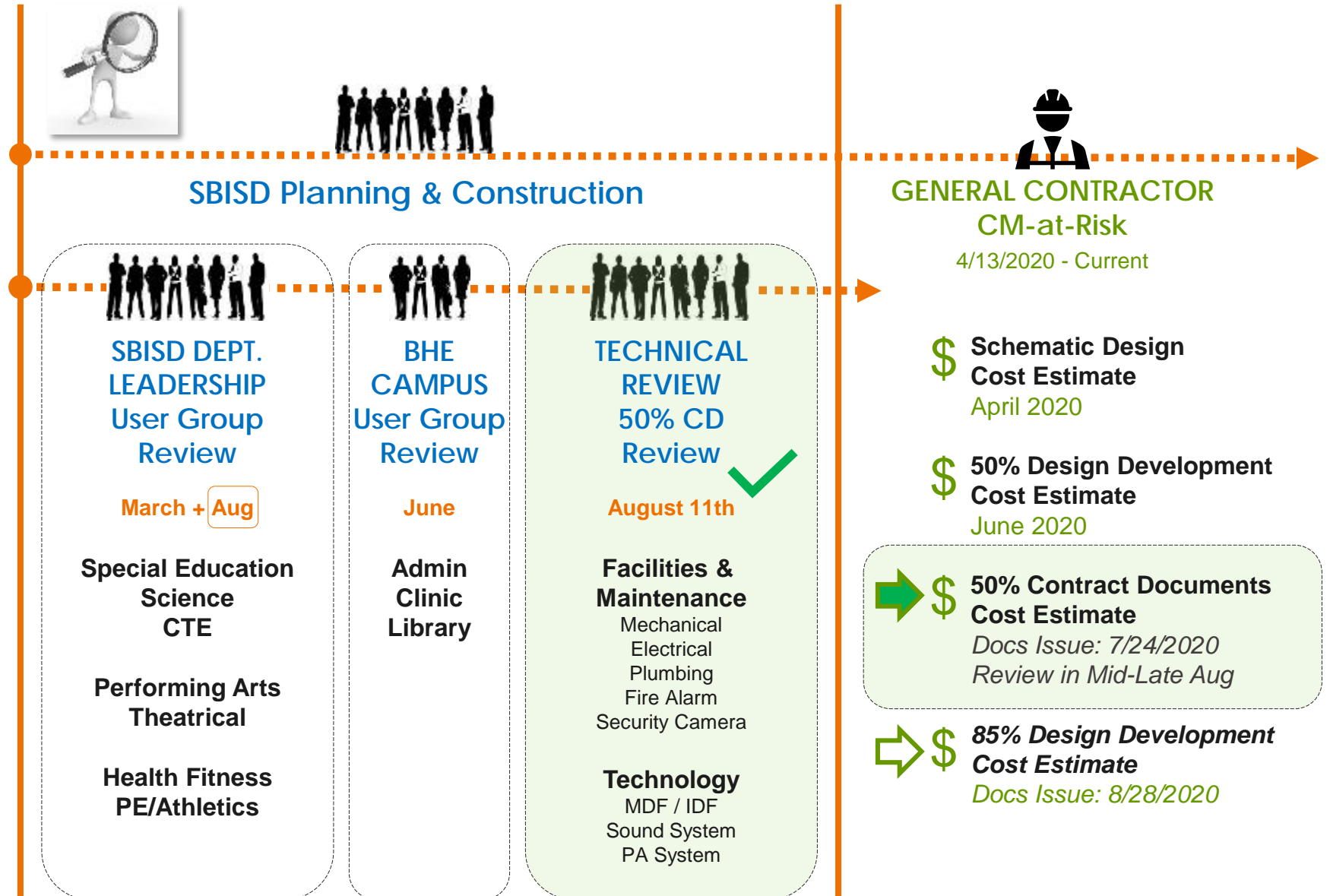
BHE Campus Input
(June 2020)

Library
Clinic
Admin

Classroom Flexibility
Floor1 / Floor2
15/18 → 16/17

PRESENT DESIGN BHE Recommendation

SBISD Admin (5/28) + Board (6/8)



1. City of Bunker Hill Village: Special Use Permit Process

- **July 7th** = Planning & Zoning Workshop
- **Aug 12th** = Planning & Zoning Public Hearing
- **Sept 15th** = City Council Public Hearing

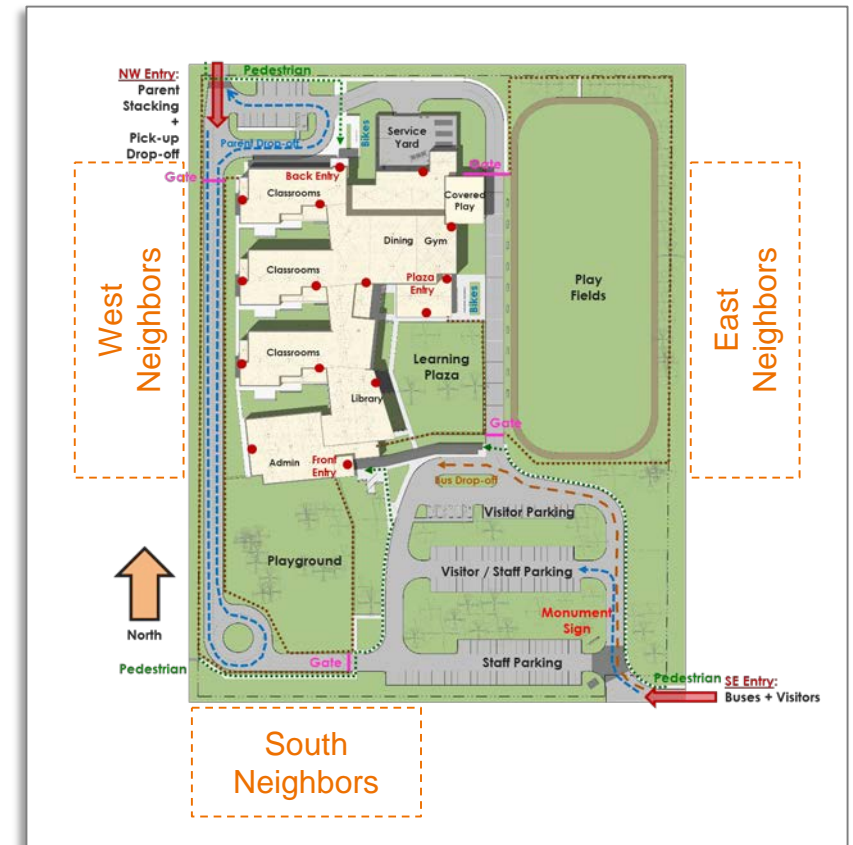
Next Mtg

2. Special Use Permit Exhibits

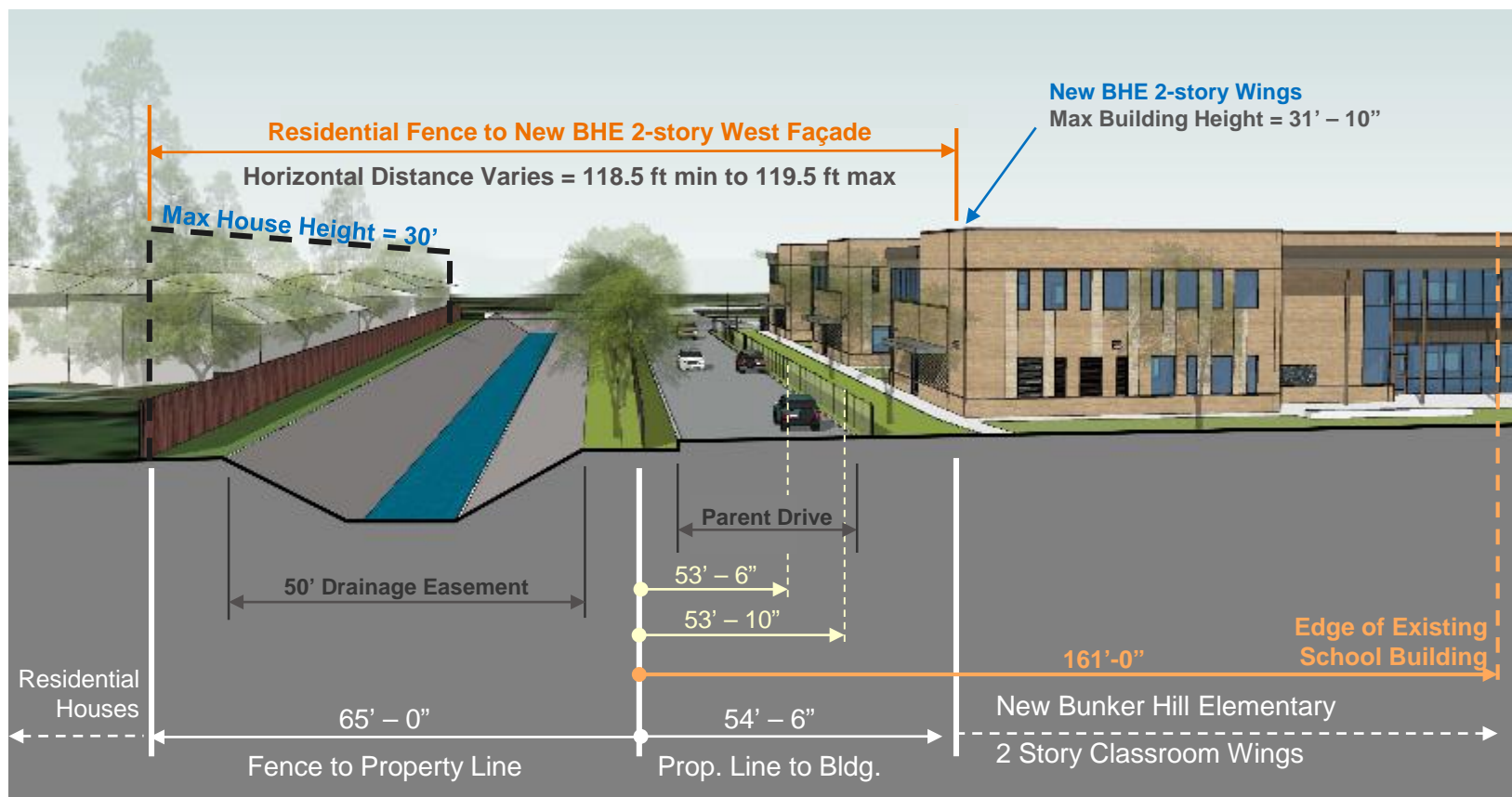
- **Project Timeline Overview** - Schedule
- **Project Scope Overview** – On-Site Replacement
- **Traffic Impact Diagrams** – Vehicle + Pedestrian Access
- **Site Utilities Diagrams** – Storm Detention + Grading/Drainage
- **Utility Connection Diagram** – Water + Wastewater
- **Site Lighting Diagram** – Types + Light Level Diagram
- **Site Section Diagrams** – West + East + South Neighbors
- **Monument Sign** – Location + Design Details
- **3D Rendering** – New BHE Front Entry

Share Today

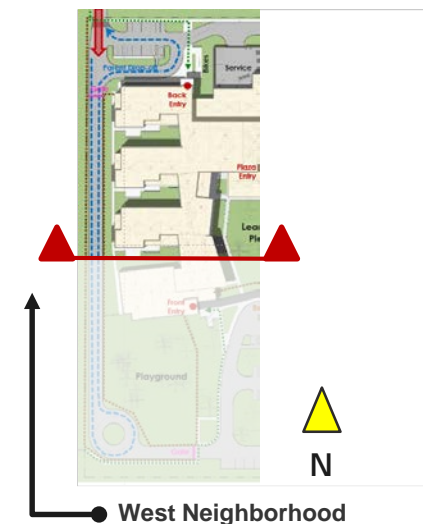
3 Site Section Diagram Locations



BHE SITE SECTION – WEST NEIGHBORHOOD



Section Location



Site Section Diagram illustrates site context critical dimensions of new BHE in relation to the West neighbors:

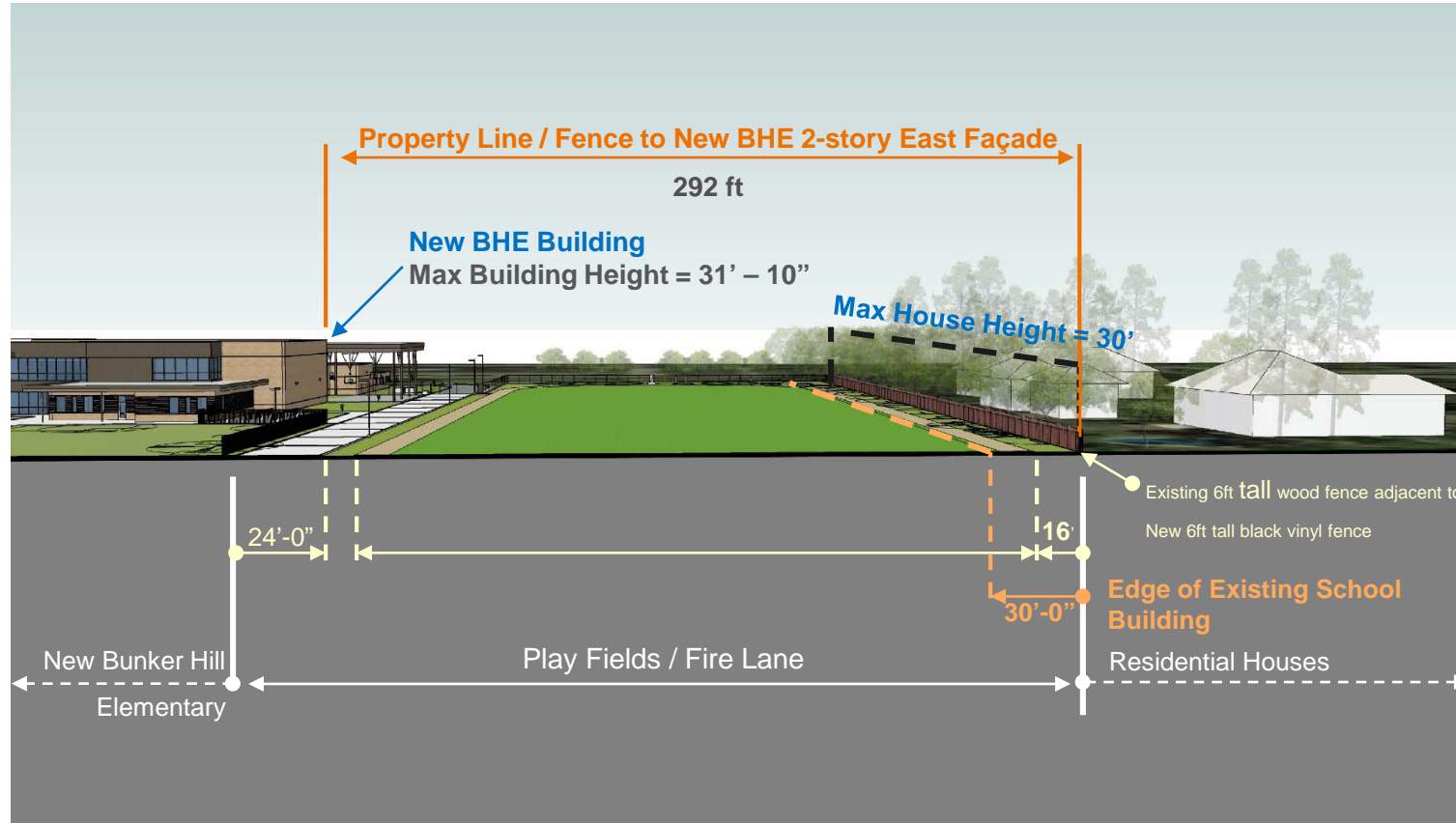
Horizontal Distance: Ranges from 118.5 to 119.5 ft at the new BHE 2-story Classroom Wing

- 65' - 0" Total horizontal distance from Residential Fence to west BHE Property Line includes the 50ft drainage easement
- Horizontal distance of 2-story portion New BHE west facade varies in its location from west BHE property line.
- West Residential Houses vary in horizontal location from each respective fence that borders the drainage easement.

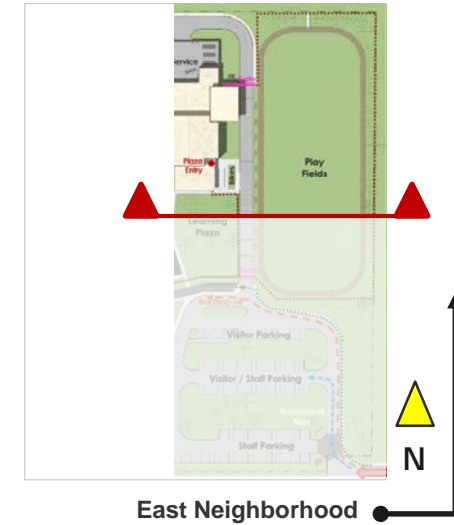
Vertical Building Height: Maximum Building Height of 31' - 10" from first floor level to top of new 2-story portion of the new BHE Building.

- West Residential Houses vary in height (1 & 2-story).

BHE SITE SECTION – EAST NEIGHBORHOOD



Section Location



Site Section Diagram illustrates site context critical dimensions of new BHE in relation to the East neighbors:

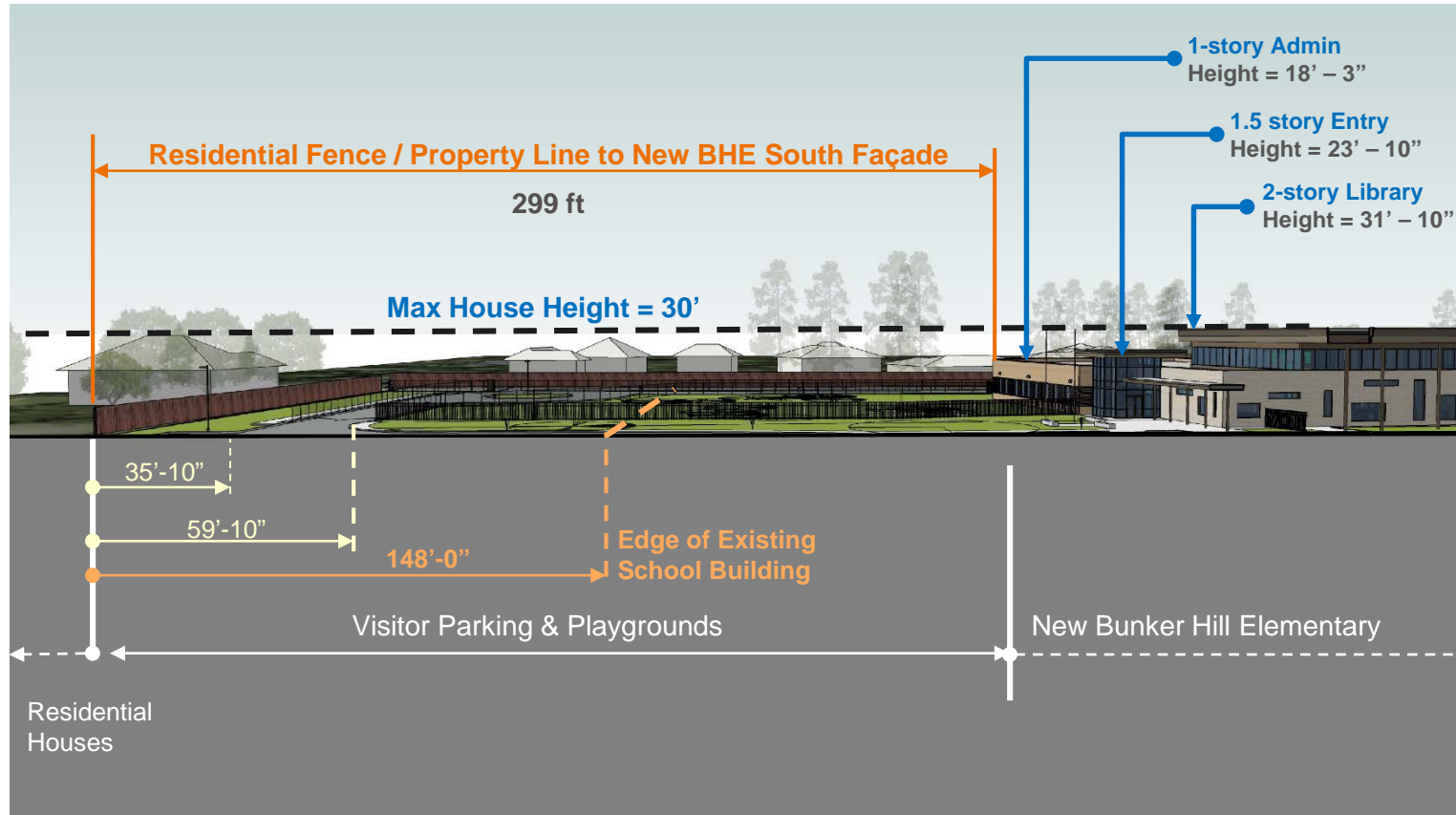
Horizontal Distance: 292 ft from East Property line / Residential Fence to East façade of New 2-story Building

- 16' - 0" Total horizontal distance from Residential Fence to running track

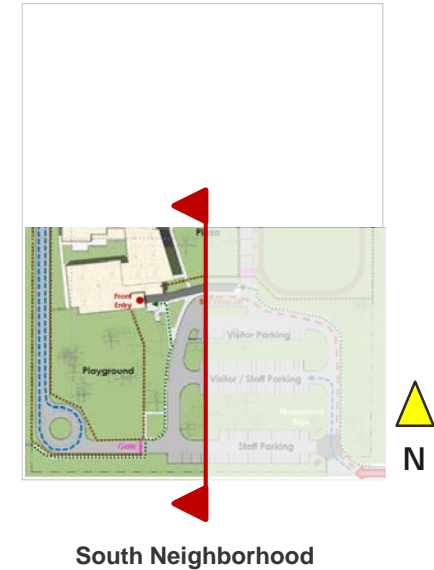
Vertical Building Height: Maximum Building Height of 31' - 10" from first floor level to top of new 2-story portion of the new BHE Building.

- East Residential Houses vary in height (1 & 2-story).

BHE SITE SECTION – SOUTH NEIGHBORHOOD



Section Location



Site Section Diagram illustrates site context critical dimensions of new BHE in relation to the South neighbors:

Horizontal Distance: 299 ft from Residential Fence to South Building Facade

- 35' - 10" Total horizontal distance from Residential Fence to South Vehicular Drive

Vertical Building Height: Maximum Building Height of 31' - 10" from first floor level to top of new 2-story portion of the new BHE Building.

- South Residential Houses vary in height (1 & 2-story).

Exterior 3D Images Quick Review





Aerial View

View of Front of School

The scale/height of front entry blends with the neighborhood park like setting and preserves existing trees. Glass entry vestibule at front entry is clearly defined extending an inviting welcome to visitors.



View from Bus Drop-off

The building height steps up in scale from the 1-story portion front entry to the 2-story portion set back from the main pedestrian path under the Bus Drop-off canopy that borders the Learning Plaza green space.



View of East Bldg. Facade

The use of materials and window design of the Library sets it apart from the other building parts.

The Library is the academic heart and central architectural feature and directly connects to the Learning Plaza.



View of Learning Plaza

The patio area provides an area for outdoor learning and space for parents when they visit their children and attend community activities on campus. The canopy provides shade and filters sunlight through the baffles.



View at Gym Entrance

Art and Science has its own dedicated outdoor patio area with direct access to Learning Plaza. Students have direct access to the Bike Racks, Gym, Covered Play and extended activity zone.



View at Parent Drop-off

Parent Drop-off entrance has smaller entry plaza and landscaping elements like the front entry.
The pedestrian plaza provides space for students in cars independent of the student walkers and bike riders..



View at Parent Drop-off / West Facade of Classroom Wings

West façade of the 2-story Classroom Wings provides natural light into the classroom corridors at the stairwells while maintaining minimal views to the neighboring properties to the west.



View at West Façade: Learning Communities / Courtyards

The view along the parent drive stacking lane is a rhythm of Classroom Wings and Learning Courtyards. Trees screen the building and there is limited amounts of glass on this side of the new school.



View at Learning Community Courtyard

Outdoor Learning Community Courtyards have a combination of hardscape and landscape elements supporting a variety of activities (learning, socializing, connecting with nature) including a covered canopy area.





Interior 3D Images Quick Review

Lobby / Main Corridor

The School Lobby reinforces the school identity. The Main Corridor is filled with colors found in nature and provides immediate visual connection to the Library plus views to the Learning Community Courtyard.



Library: View to Exterior

Interior finish colors and textures reflect the natural park like campus setting. The connection to the outdoor Learning Plaza is heightened by the large glass view and exterior stone wall with reading nooks.



Library: View to Interior

Flexible furniture provides a variety of individual and group spaces within the Library. Large amount of glazing provides interior views to the 2-story Learning Community and outdoor Learning Courtyard beyond.



Main Corridor at Learning Communities:

Students, teachers and parents are invited to flex zones and collaborative areas along the main circulation path with views to outdoor. Color is used as wayfinding for the 2-story grade level wings.



Dining Commons + Stage

This multi-purpose area provides space for student dining and large group assembly acoustical softening at stage wall and ceiling areas. The Commons is directly connected to the outdoor Learning Plaza.



Learning Community: Collaboration Space within Classroom Wing

Each Grade Level Classroom Wing has its own Collaboration Space near the Main Corridor for easy supervision. Floor 1 has direct access to courtyard. Floor 2 overlooks into the courtyard.



Learning Community: Classroom View to Corridor

Classroom wall facing the corridor has large view windows for easy supervision of the collaboration space.
Flexible student furniture and casework is consistent among grade level classrooms.



Learning Community: Classroom View to Exterior

The presentation wall is located on the entry wall of each classroom. The furniture is flexible and easy to re-arrange for collaborative work. Classroom exterior wall has north/south view windows to the exterior.





Please help us confirm we have achieved consensus approval of the design we have presented to you through the Project Advisory Team process. This will serve as the recommendation to be presented to the Board of Trustees.

CONSENSUS WAS CONFIRMED BY LIVE VOTE DURING PAT 8 MEETING

