

Great schools. Great community.

BOND

2017

Spring Branch ISD



Spring Branch ISD 2017 Bond Program

2017 Bond Program Bond Oversight Committee (BOC)

November 11th, 2020

Agenda

- Introductions
- Finance Updates
- Technology Updates
- Planning & Construction Updates
- Questions from the BOC

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Introductions:

District Staff

Dr. Jennifer Blaine, Superintendent of Schools
Jennifer.Blaine@springbranchisd.com

Christine Porter, Associate Superintendent for Finance
Christine.Porter@springbranchisd.com

Christina Masick, Associate Superintendent for Technology
Christina.Masick@springbranchisd.com

Stephen Johnston, Technology Manager of Bond Projects
Stephen.Johnston@springbranchisd.com

Kristin Craft, Associate Superintendent for Academic Performance & Support
Kristin.Craft@springbranchisd.com

Travis Stanford, Associate Superintendent for Operations
Travis.Stanford@springbranchisd.com

BOC Co-Chairs

Lewis Gissel - lgissel3@gmail.com
Kathy Goss - johngoss4@aol.com

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Finance Updates:

Expenditures

July – September 2020	\$ 45,291,272
April – June 2020	\$ 51,735,757
Inception through Sept. 2020	\$ 160,593,094

Interest Earnings

July – September 2020	\$ 945,340
April – June 2020	\$ 1,232,988
Inception through Sept. 2020	\$ 9,203,155

Issuance

Issued June 2018	\$ 146,000,000
Issued October 2019	\$ 255,000,000
Issuance November 2020	\$ 169,000,000
Authorized but Unissued - 10/31/20	\$ 328,400,000

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Finance Updates:

Recap of Series 2020 Bond Sale

The third bond sale will provide \$169 million for construction projects.

The bond sale was at a **true interest cost to the district of 1.82%**

Series 2018	\$146,000,000	3.67%
Series 2019	\$255,000,000	2.52%
Series 2020	\$169,000,000	1.82%

Bond ratings were affirmed at "Aa1" and "AA" by Moody's and S&P

Bond ratings were "Aaa" and "AAA" with the Texas PSF guarantee

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Technology Updates:

Four Major Project Areas

- Lifecycle Refresh
- Safety & Security
- Network and Infrastructure Lifecycle Replacements
- Technology

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Technology Updates:

Lifecycle Refresh - Student

- Elementary
 - Deployed 12,676 devices to students for SY2020-2021
 - Yearly Process
 - Schools receive student device allotment – January
 - Student device request process opens – February
 - Device requests close - May
 - New devices in classrooms before start of school –August
 - Spring 2021 – One-year change to process
 - Operation Connectivity – Collaboration between TEA and Region 4 to bridge the digital divide
 - TEA and Harris County will now pay 100% of the cost of devices
 - 5,000 hotspots – Delivered to secondary and elementary campuses in September
 - 9,300 iPads – Delivered to elementary campuses in October
 - 7,500 Chromebooks – Goal to deliver to elementary campuses by end of December
 - Largest deployment from start-to-finish for SBISD

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Technology Updates:

Lifecycle Refresh – Student (continued)

- Secondary
 - Deployed 15,531 devices to students for SY2020-2021
 - Replaced HS Journalism Computers
 - Mixture of iMacs (125) and MacBook's with monitors (60) to accommodate virtual learning
 - MHS, NHS, SHS, SWH
- Adult Devices
 - Target out-of-warranty (>5 years) devices
 - Instructional and Non-Instructional Staff
 - Replaced approximately 3,000 computers to date
 - Intentionally targeting high schools to support floating teachers
 - Goal is 100% of devices less than 5 years old
 - To support virtual learning and business continuity, approximately 400 laptops were deployed to employees who would traditionally use a desktop

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Technology Updates:

Safety & Security

- Extended Network Availability
 - Phase 1 Feasibility Study – Completed Fall 2018
 - Phase 2 Pilot – LTE Network
 - Next Steps – Run fiber and install equipment
 - Other Extended Network Options
 - Wi-Fi enabled busses deployed at 5 elementary locations and 10 community partners for SY21
 - Outdoor access points to cover to district property lines
 - All PreK Centers and Secondary Campuses

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Technology Updates:

Infrastructure

- Interactive Projector Updates
 - Updated Educational Specifications – December 2019
 - Activpanels in all existing classrooms to bring up to district standards
 - Brightlink projector with writable wall surface in new buildings
 - Activboard Replacement Project – June 2020 – January 2021
 - Completed
 - BBS, EWE, HBE, HME, LLS, MWE, NHE, PPS, PSE, SBE, SOE, SOM, SSE, SWE, SWM, SWH, TCE, TWE, WCE, WVE, WWE, WWS
 - November installations
 - BND, MMS, NHS, NMS, RGE, SBM, SHS
 - December installations
 - DAEP, MHS
 - January installations
 - SFM, WAIS

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Technology Updates:

Infrastructure and Other Technology Projects

- Storage Refresh – Completed October 2020
 - Multi-level, multi-site online and offline daily backups (e.g. “Air Gap”)
 - Geographical diversity
- Future Projects
 - Multiple RFPs under Code of Silence
 - Wired and Wireless
 - Planning in SY2021 for implementation in SY2022
 - Goal to move all indoor spaces from AC to most advanced standard WiFi6
 - Expand coverage to include all Elementary outdoor spaces property line-to-property line
 - Streaming Capabilities for Campuses – SY2022
 - Encoders purchased for each school

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Pre-K Centers, Tiger Trail & Wildcat Way

Scope of Work: Chiller Replacement & Courtyard Lighting Project

Project Manager: Kris Drosche

Architect/Engineer: Johnston, LLC - **Contractor:** CA Walker

Status: Project is completed.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Pre-K Centers, Tiger Trail & Wildcat Way



Tiger Trails – New courtyard lighting



Wildcat Way - New chillers and piping

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Buffalo Creek ES

Scope of Work: Renovation Project

Project Manager: Kris Drosche

Architect/Engineer: Huckabee & Associates, Inc. - **Contractor:** Division One Construction

Status: Project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Buffalo Creek ES



New graphics in main lobby



New furniture installed in Library

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Buffalo Creek ES



New collaboration area - new lighting, clerestory and paint

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Treasure Forest ES

Scope of Work: Renovation Project

Project Manager: Kris Drosche

Architect/Engineer: Huckabee & Associates, Inc. - **Contractor:** Division One Construction

Status: Project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Treasure Forest ES



New Library with functioning skylight

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Treasure Forest ES



New collaboration area - new lighting, clerestory and paint

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Treasure Forest ES



New collaboration area - new lighting, clerestory and paint

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Bunker Hill ES

Scope of Work: New Construction/Replacement Campus

Project Manager: Kris Drosche & Noel Moreno

Architect/Engineer: Stantec Architects - **Contractor:** Durotech

Status: Project is currently in the Design Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Bunker Hill ES



Aerial 3D view campus

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Cedar Brook ES

Scope of Work: Renovation Project and Classroom Addition

Project Manager: Max Buja

Architect/Engineer: Huckabee & Associates, Inc. - **Contractor:** Satterfield & Pontikes

Status: Project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Cedar Brook ES



New Library with functioning skylight

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Cedar Brook ES



New collaboration area - new lighting, clerestory and paint

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Cedar Brook ES



New collaboration area - new lighting, clerestory and paint

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Hunters Creek ES

Scope of Work: New Construction/Replacement Campus

Project Manager: Kris Drosche, Noel Moreno & Travis Stanford

Architect/Engineer: Pfluger Associates, L.P. - **Contractor:** Brookstone

Status: Project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Hunters Creek ES



Exterior building progress

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Hunters Creek ES



Interior building progress



Dining area and stage progress

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Nottingham ES

Scope of Work: New Construction/Replacement Campus

Project Manager: Noel Moreno & Kris Drosche

Architect/Engineer: PBK Architects - **Contractor:** TBD

Status: Project is currently in Design Phase.

Great schools. Great community.

BOND

2017

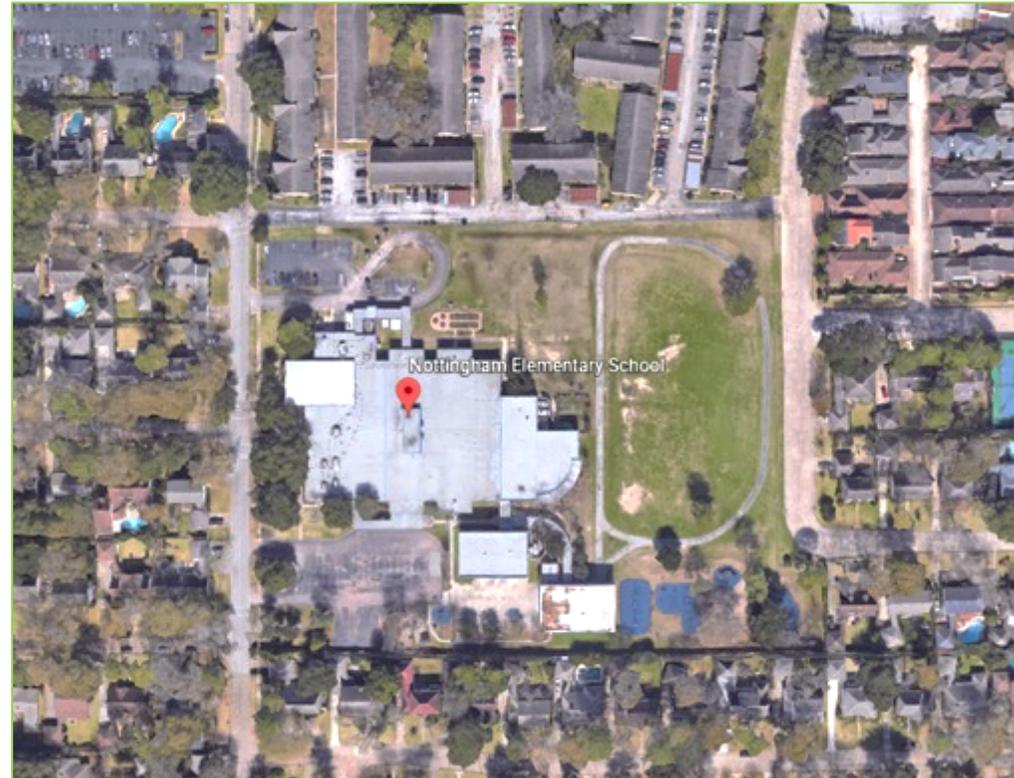
Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Nottingham ES

Nottingham ES will be the third school out of nine elementary school replacement projects in the 2017 Bond Program. The new school will be built on-site adjacent to the existing school. The students and staff will remain onsite during the replacement project.



Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Landrum MS

Scope of Work: New Construction/Replacement Campus

Project Manager: Kris Drosche & Travis Stanford

Architect/Engineer: Stantec Architects - **Contractor:** Durotech

Status: Project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Landrum MS



November 9, 2020 aerial photos

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Landrum MS



Front Classrooms (south side)



Gym/locker rooms (northeast)

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Landrum MS



Learning courtyard



Sky bridge (second floor)

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Spring Forest MS

Scope of Work: Renovation Project

Project Manager: Noel Moreno

Architect/Engineer: IBI Group - **Contractor:** Purcell

Status: Project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Spring Forest MS



New front entrance iron gate

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Spring Forest MS



New secure vestibule



New door & hardware

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Memorial HS

Scope of Work: Four Story Classroom Addition, System Upgrades and Renovation Project

Project Manager: Kris Drosche & Travis Stanford

Architect/Engineer: Stantec Architects - **Contractor:** Durotech

Status: Project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Memorial HS



October 30, 2020 aerial photos

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Memorial HS



New four story building structure with the mechanical room on top

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Northbrook HS

Scope of Work: Classroom Additions and Renovation Project

Project Manager: Max Buja & Travis Stanford

Architect/Engineer: PBK Architects, Inc. - **Contractor:** Satterfield & Pontikes

Status: Project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Northbrook HS



Detention progress (the pipes are 5'-0" in diameter)

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Northbrook HS



New addition site

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Spring Woods HS

Scope of Work: Major MEP Upgrades, Renovations to Library and Cafeteria

Project Manager: Kris Drosche & Max Buja

Architect/Engineer: PBK Architects, Inc. - **Contractor:** Satterfield & Pontikes

Status: Project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Spring Woods HS

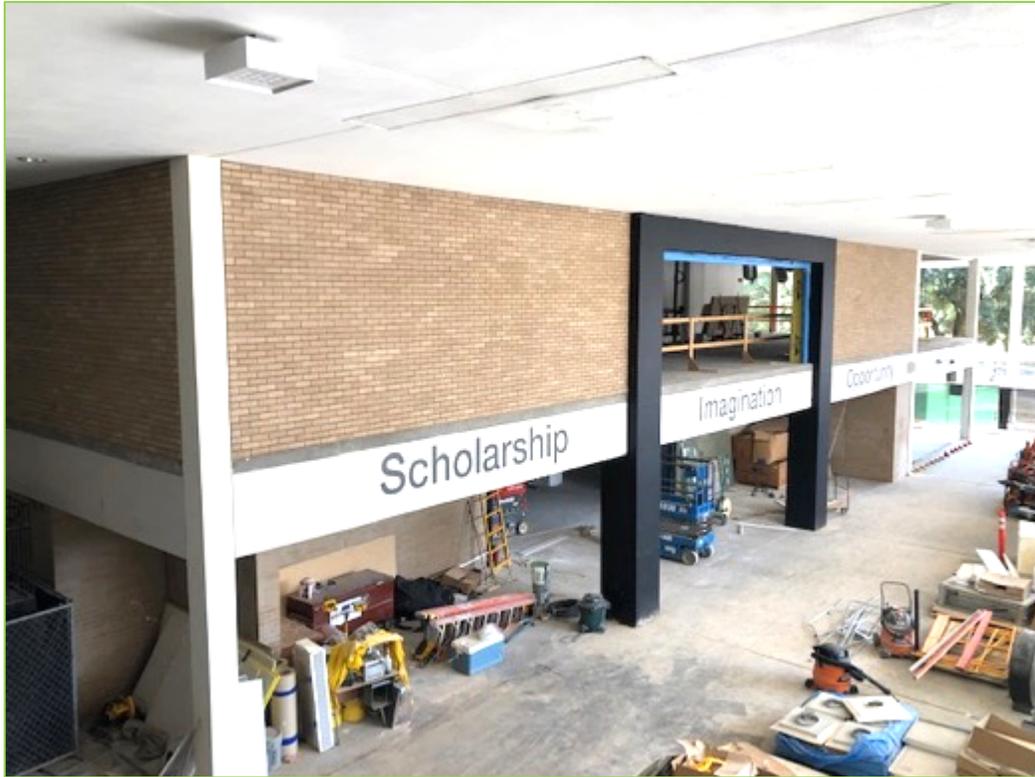


Renovated cafeteria with new graphics, terrazzo flooring and mechanical ductwork

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Spring Woods HS



West entry to Library



Front entry to Library

Great schools. Great community.

BOND

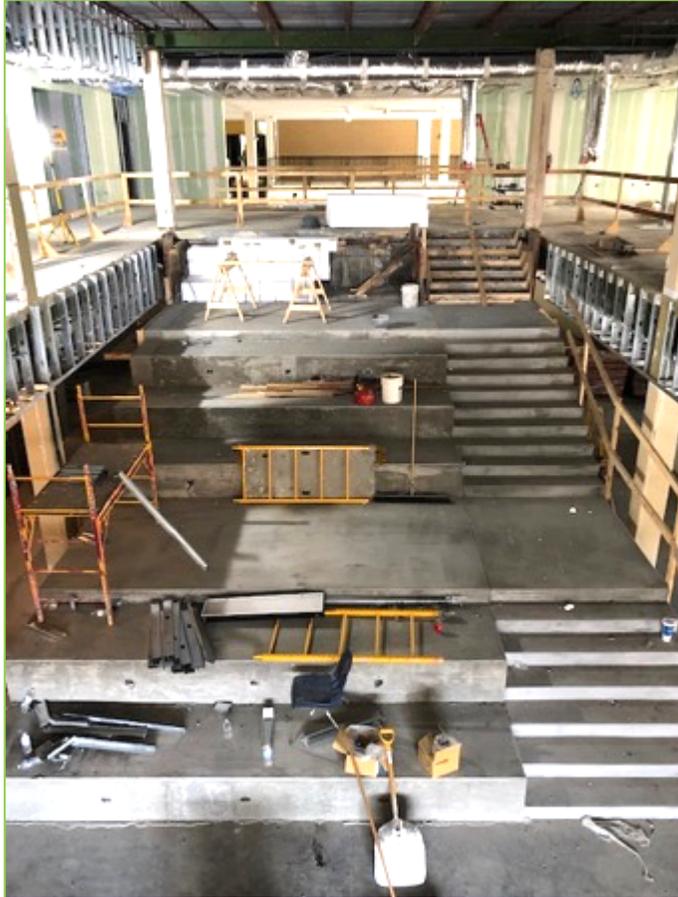
2017

Spring Branch ISD

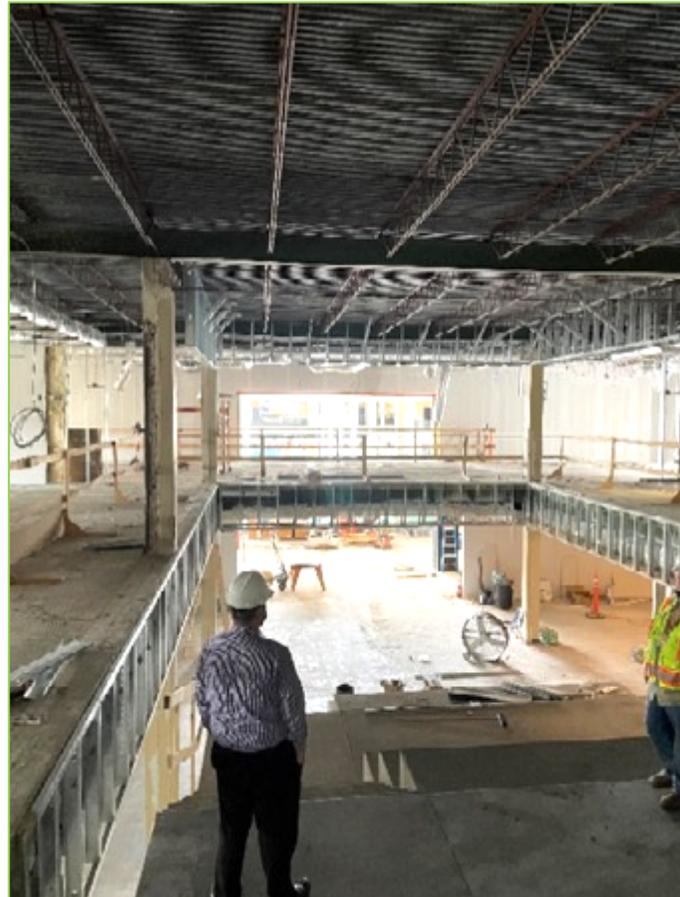
Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Spring Woods HS



Learning stairs in the Library



Learning stairs looking toward the school stage area

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Stratford HS

Scope of Work: Renovation Project, Roof Replacement & New Auditorium

Project Manager: Max Buja & Travis Stanford

Architect/Engineer: PBK Architects, Inc. - **Contractor:** Satterfield & Pontikes

Status: Project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Stratford HS



View of the west side of the auditorium



View looking North toward the lobby area

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Stratford HS



View of the stage front from back of the auditorium



View looking down on the front of stage area

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Gessner Complex Fuel Storage and Parking

Scope of Work: Replace the existing underground fuel storage system and additional parking

Project Manager: Kris Drosche

Architect/Engineer: Johnston LLC - **Contractor:** Bass

Status: This project is currently in Construction Phase.

Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Planning & Construction Updates:

School: Gessner Complex Fuel Storage and Parking





November 11, 2020

Spring Branch ISD
Bunker Hill Elementary

Spring Branch ISD
Bond Oversight Committee
CD Phase Update





Meeting Agenda:

1. Introduction / Meeting Overview

Project Schedule: Current Update

PAT Input: Guiding Principles

2. Design Update: Review Current Status of BHE Design

Project Overview

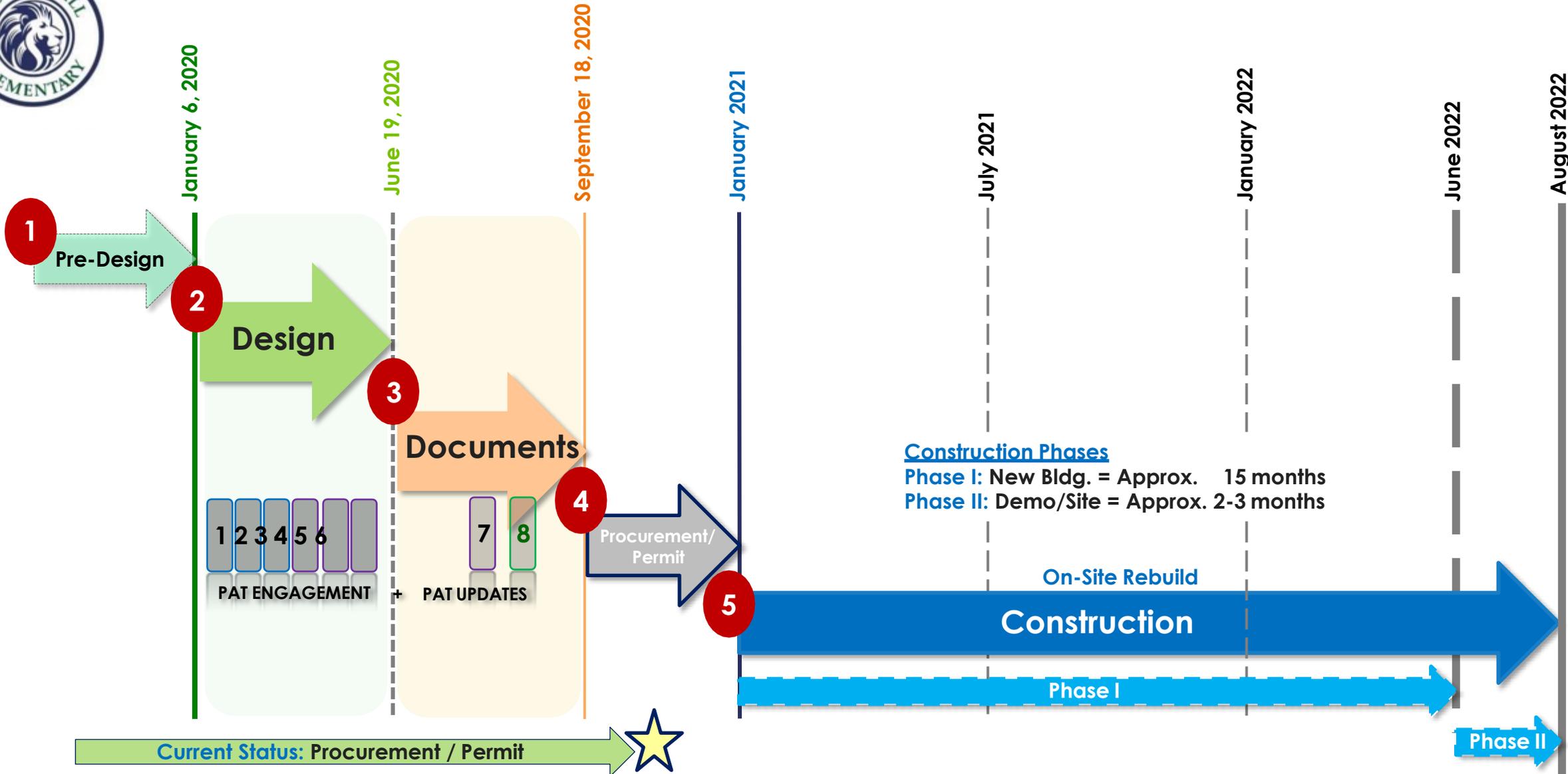
BHE Design Plans: Site Plan + Floor Plan

BHE Design 3D Images: Exterior + Interior

BHE Design 3D Animation: Exterior + Interior

3. Closing Remarks / Questions

NEW BHE PROJECT SCHEDULE - DESIGN AND CONSTRUCTION



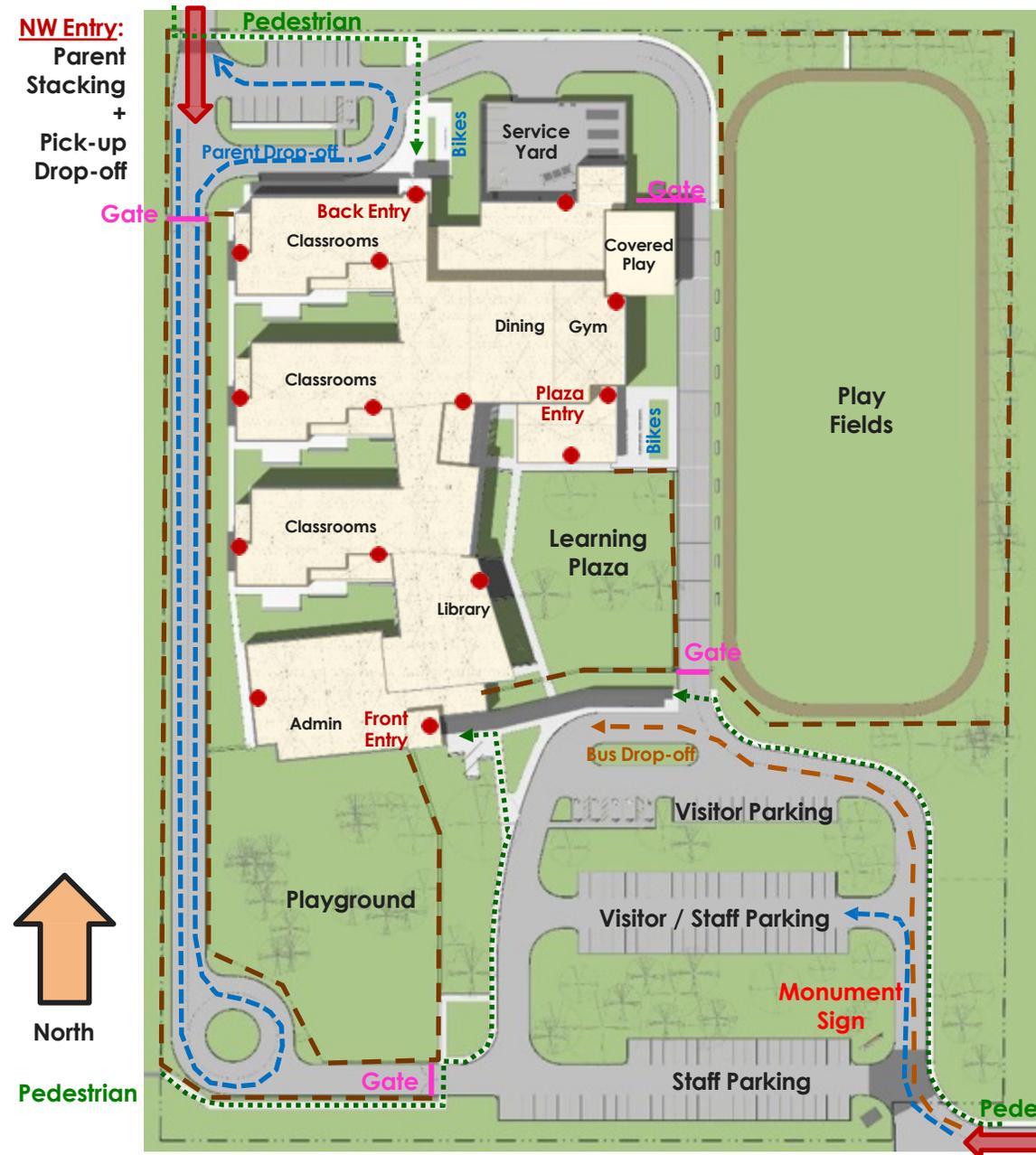
Support SBISD Educational Missions
Literacy and Numeracy

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.

BUNKER HILL ES - PROPOSED SITE PLAN



1. Perimeter Boundary / Security

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

2. Traffic Flow

- a) **Pedestrian Walks** (3 points of entry)
- b) **Parent Drive/Drop-off** (NW corner from neighborhood)
- c) **Bus Drive/Drop-off** (SE corner from Taylorcrest)
- d) **Visitor Entry** (SE corner from Taylorcrest)
- e) **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

BUNKER HILL ES - PROPOSED FLOOR PLANS

FL1 = 16 Classrooms

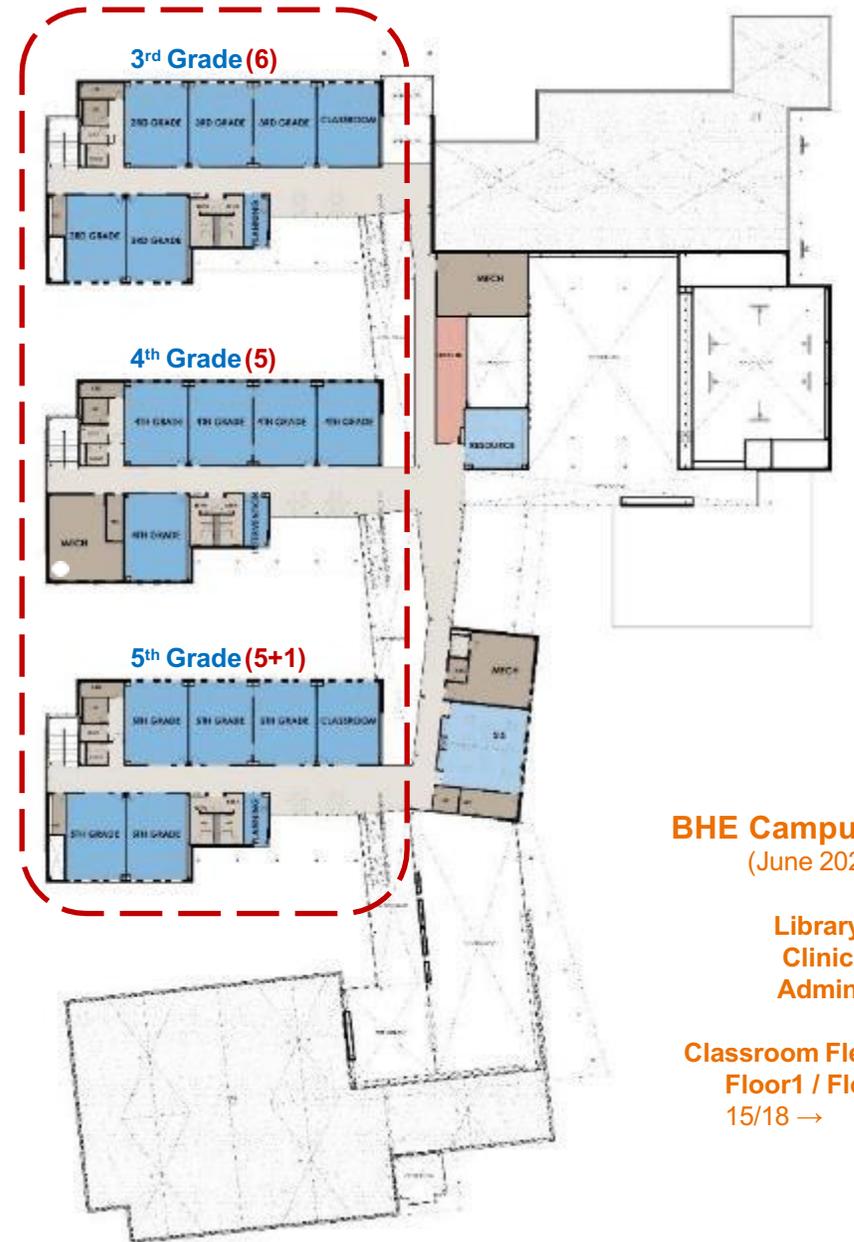


5 = Kindergarten
 6 = 1st grade
 5 = 2nd grade
 6 = 3rd grade
 5 = 4th grade
 6 = 5th grade (5+1)
33 Classrooms Total

Legend

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

FL1 = 17 Classrooms

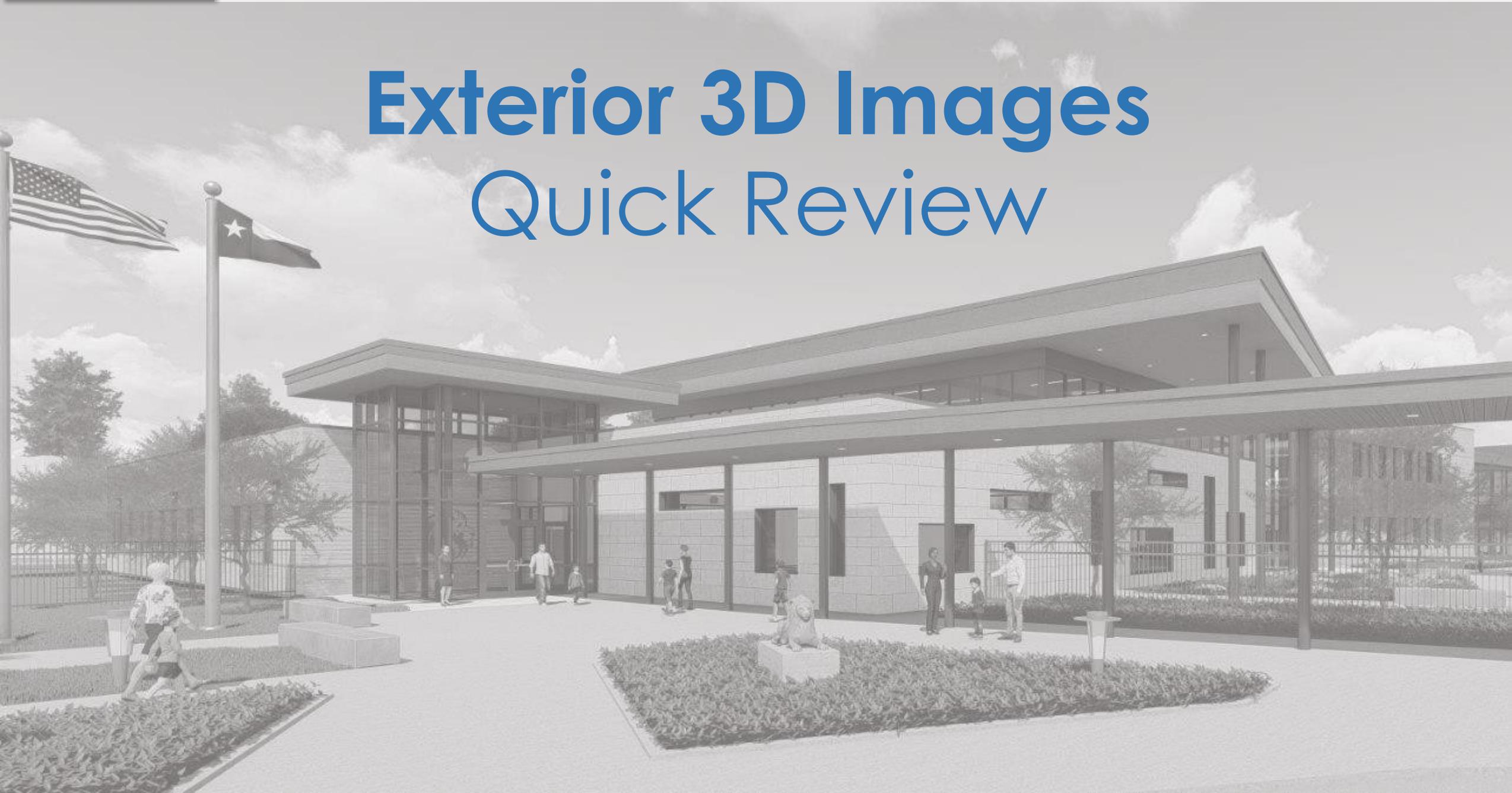


BHE Campus Input
(June 2020)

Library
 Clinic
 Admin

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

Exterior 3D Images Quick Review





Learning Community

Learning Community

Learning Community

Music

Service

Dining

Kitchen

Covered Play

Gym

Spec Ed

Library

Art

Admin

Lobby

Science

Entry

MPR

Learning Plaza

Playground

Play Fields

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

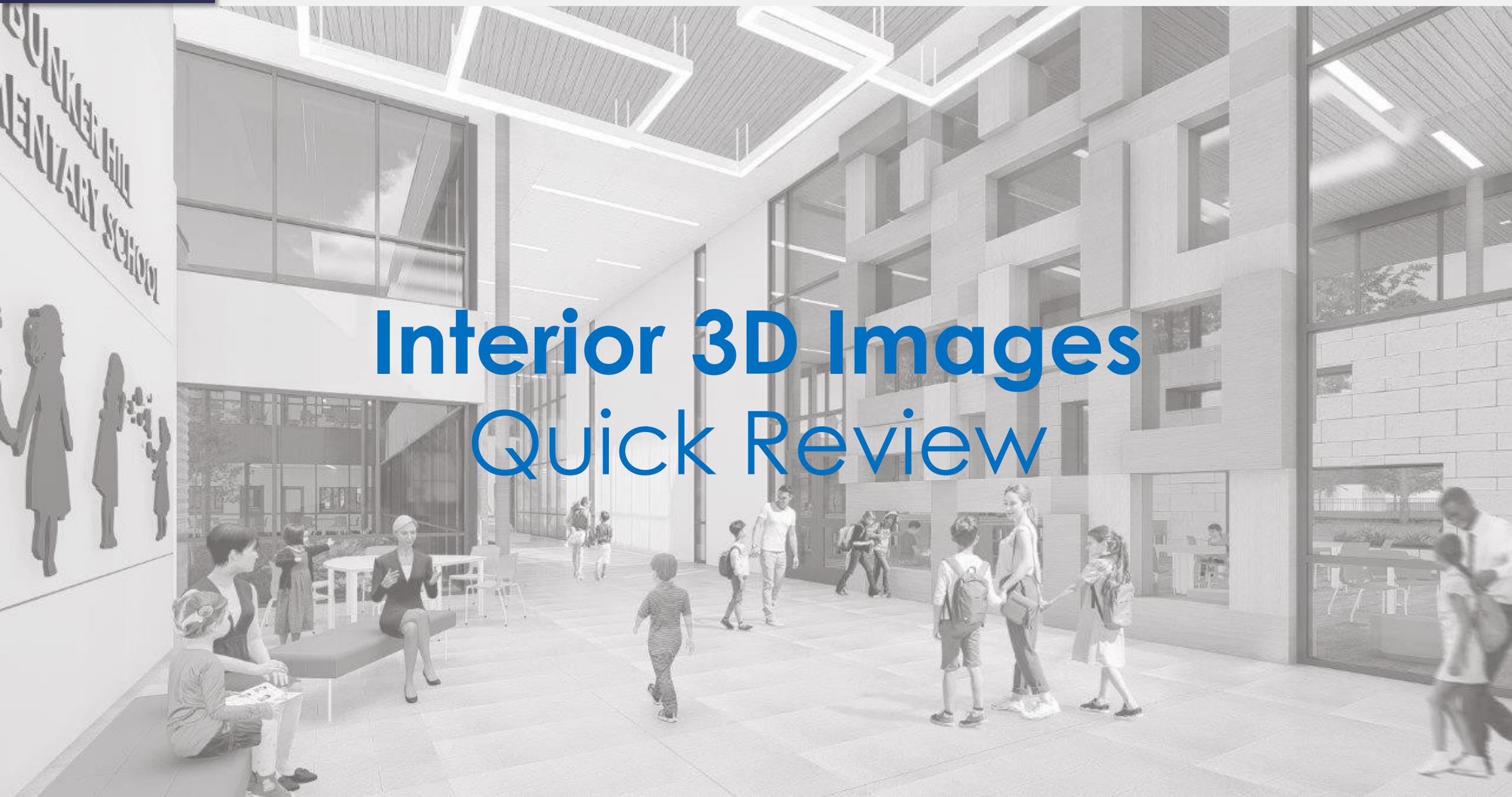
The view along the parent drive stacking lane is a rhythm of Classroom Wings and Learning Courtyards. Trees screen the building and there is limited amounts of glass on this side of the new school.



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 acousticalsoftening 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.



BUNKER HILL ES - 3D ANIMATION VIDEO



Spring Branch ISD 2017 Bond Program

Questions from the Bond Oversight Committee



Great schools. Great community.

BOND

2017

Spring Branch ISD

Spring Branch ISD 2017 Bond Program

Thank You

The next quarterly BOC meeting will be held:

February 17th, 2021

Dinner will be served at 5:30 pm

Meeting will began at 6:00 pm

Great schools. Great community.

BOND

2017

Spring Branch ISD