



Projects Update

December 12, 2022



BHISD Bond Projects: Transportation Center Renovations – Fuel Station and Building; Action Item – Replacement Chillers at Primary DAEP & KC Addition; HS Addition Update



BOND 2020: Becky Nelson Transportation Center Renovation Project



BOND 2020: Becky Nelson Transportation Center Renovation Project



BOND 2020: Becky Nelson Transportation Center Renovation Project



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BOND 2020: Becky Nelson Transportation Center Renovation Project



Fuel Station is operational for liquid fuels, propane tank is waiting on the Railroad Commission inspection this week.



BOND 2020: Becky Nelson Transportation Center Renovation Project



Rendering of Completed Transportation Center Offices: front view



BOND 2020: Becky Nelson Transportation Center Renovation Project



BOND 2020: Becky Nelson Transportation Center Renovation Project



BOND 2020: Becky Nelson Transportation Center Renovation Project



Rendering of Completed Transportation Center Offices: Lobby view



BOND 2020: Becky Nelson Transportation Center Renovation Project



Rendering of Completed Transportation Center Offices:
Conference Room view

BOND 2020: Becky Nelson Transportation Center Renovation Project



West Training Room View



East Training Room View

**Rendering of Completed Transportation Center Offices:
Training Room views – separated by Operable Wall**



BOND 2020: Becky Nelson Transportation Center Renovation Project



Installation in progress for horizontal wall panel green girts and semi-rigid insulation on external building envelope.



BOND 2020: Becky Nelson Transportation Center Renovation Project



Installation in progress for horizontal wall panel green girts and semi-rigid insulation on external building envelope.



BOND 2020: Becky Nelson Transportation Center Renovation Project



Installation in progress for horizontal wall panel green girls and semi-rigid insulation on external building envelope.



BOND 2020: Becky Nelson Transportation Center Renovation Project



Installation in progress metal siding and soffit. Bollards installed.



BOND 2020: Becky Nelson Transportation Center Renovation Project



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BOND 2020: Becky Nelson Transportation Center Renovation Project



BOND 2020: Becky Nelson Transportation Center Renovation Project



Installation of gypsum board in corridor:

BOND 2020: Becky Nelson Transportation Center Renovation Project



Installing gypsum board up to the roof deck.

BOND 2020: Becky Nelson Transportation Center Renovation Project



Interior gypsum board installed up to the roof deck.

BOND 2020: Becky Nelson Transportation Center Renovation Project



BOND 2020: Becky Nelson Transportation Center Renovation Project

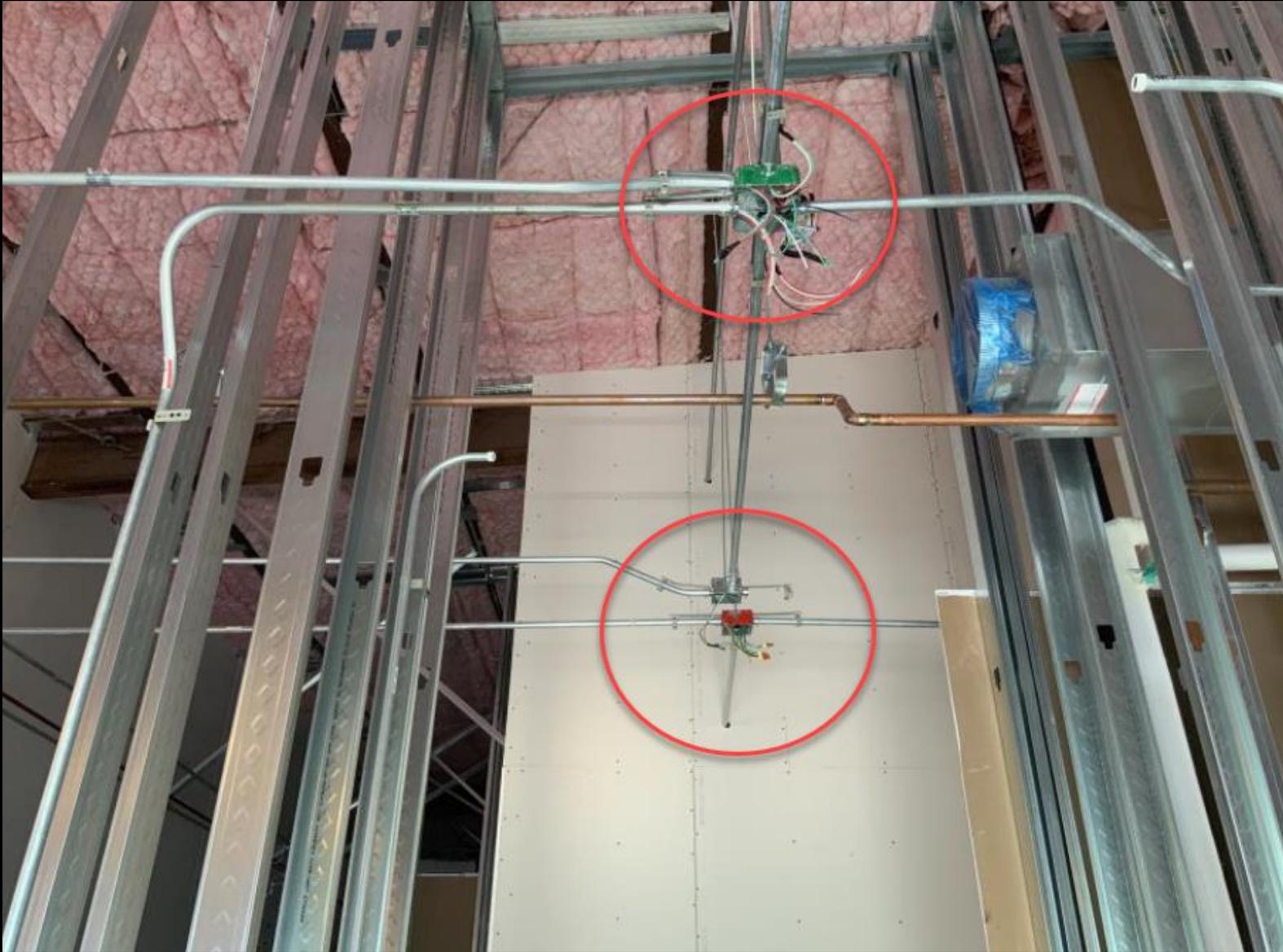


Installed wood blocking for the toilet partitions:

BOND 2020: Becky Nelson Transportation Center Renovation Project



BOND 2020: Becky Nelson Transportation Center Renovation Project



BOND 2020: Becky Nelson Transportation Center Renovation Project



Installed electrical transformer and pulling of wires into electrical panels:



Interior and exterior hose bib installed in mechanical room:

BOND 2020: Becky Nelson Transportation Center Renovation Project



BOND 2020: Becky Nelson Transportation Center Renovation Project



HIGH SCHOOL ADDITIONS UPDATE PRESENTATION

CRE8

Barbers Hill High School Addition
Barbers Hill Independent School District | **Schematic Design** 12 December 2022





Board of Trustees

Eric Davis	President
Clint Pipes	Vice President
Benny May	Secretary
George Barrera	Member
Fred Skinner	Member
Becky Tice	Member
Mark Wilson	Member

Administration

Dr. Greg Poole	Superintendent	Rick Kana	Executive Director of Operations
Sandra Duree	Deputy Superintendent	Stephanie Martin	Assistant Superintendent
Becky McManus	Assistant Superintendent		Special Services
	Finance	Carl Abseck	Athletic Director
Barbara Ponder	Assistant Superintendent	Jami Navarre	Community Relations
	Personnel	David Bloom	Director of Communications
Stanley Frazier	Assistant Superintendent		Director of Operations
	Planning and Operations	Becky Johnson	Director of School Nutrition
Patrick Hendricks	Director of Facilities, Construction & Maintenance	Adeena Henning	Director of Technology
		Kristen Davis	Chief of Police
		Shane McBride	

Design Participants

Carl Abseck	Stan Frazier	Stephanie Martin	cre8 Architects
Chris Brannan	Cassidy Gardner	Tina McCorkle	George Watanabe
Phillip Bologna	Cynthia Giles	Richard Miles	Jerry Bevel
Maggie Cervantes-Rivers	Colleen Goundrey	Lance Murphy	Mike Huang
Megan Dow	Cayla Hunt	Brandon Otto	Amber Moncla
Lacey Eads	Patrick Hendricks	Kelli Rinando	Sergio DeJesus
Kristin Elliott	Beth Hutchison	Kari Sager	
Curtis Ellis	Jennifer Jones	Kristie Thompson	

12 December 2022

cre8 Architects is pleased to submit the Schematic Design for the Barbers Hill High School Addition. The Schematic Design Documents illustrate the conceptual design for the project.

Schematic Design

The schematic design addresses the requirements for the high school addition which was developed during campus planning sessions. The Program determined the function, area and quantity of spaces required in the new addition. The methodology used in the Schematic Design process can be characterized as a collaboration that included many stakeholders of the project. The conceptual design process that followed organized the required spaces into plan configurations that were analyzed and evaluated. Out of this process a design solution was developed and presented to committee participants for consideration and discussion. The design presented here reflects input from various district representatives and will be used as the basis for further development of the project.

Project Goals

The stakeholders, made up of administrators, faculty, and support services, identified project goals during the interview process which became integral to the design solution for the new primary school.

- Enable the use of teaching methods with shared spaces and flexible instructional areas
- Provide services and facilities to support technology
- Create instructional and learning opportunities outside of the four walls of a classroom
- Support and reinforce the local community spirit
- Express the District and Community culture in the building design

- Make the campus secure and safe for the students and staff
- The building will be energy efficient
- Incorporate sustainable materials in the construction of the building that are durable and easily maintained
- Provide a framework for future additions to accommodate anticipated growth

We thank Barbers Hill ISD for the opportunity to design the high school addition and share the many committee participants' vision, excitement, and anticipation as this facility becomes a reality. The knowledge, enthusiasm and dedication to excellence in the education of the students is inspiring and we are grateful to be a part of this experience.

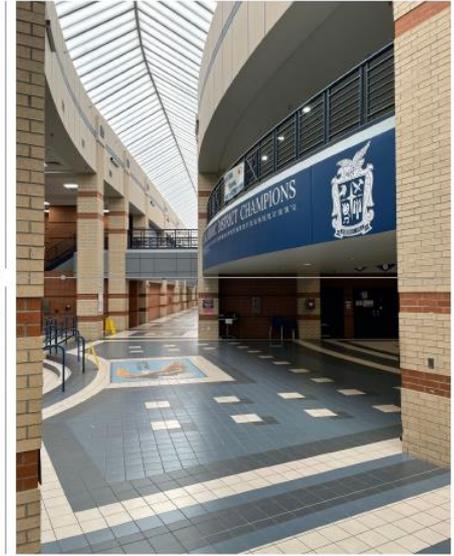
We look forward to continuing the design process into the Design Development Phase of the Barbers Hill High School addition.

cre8ively,



George Watanabe

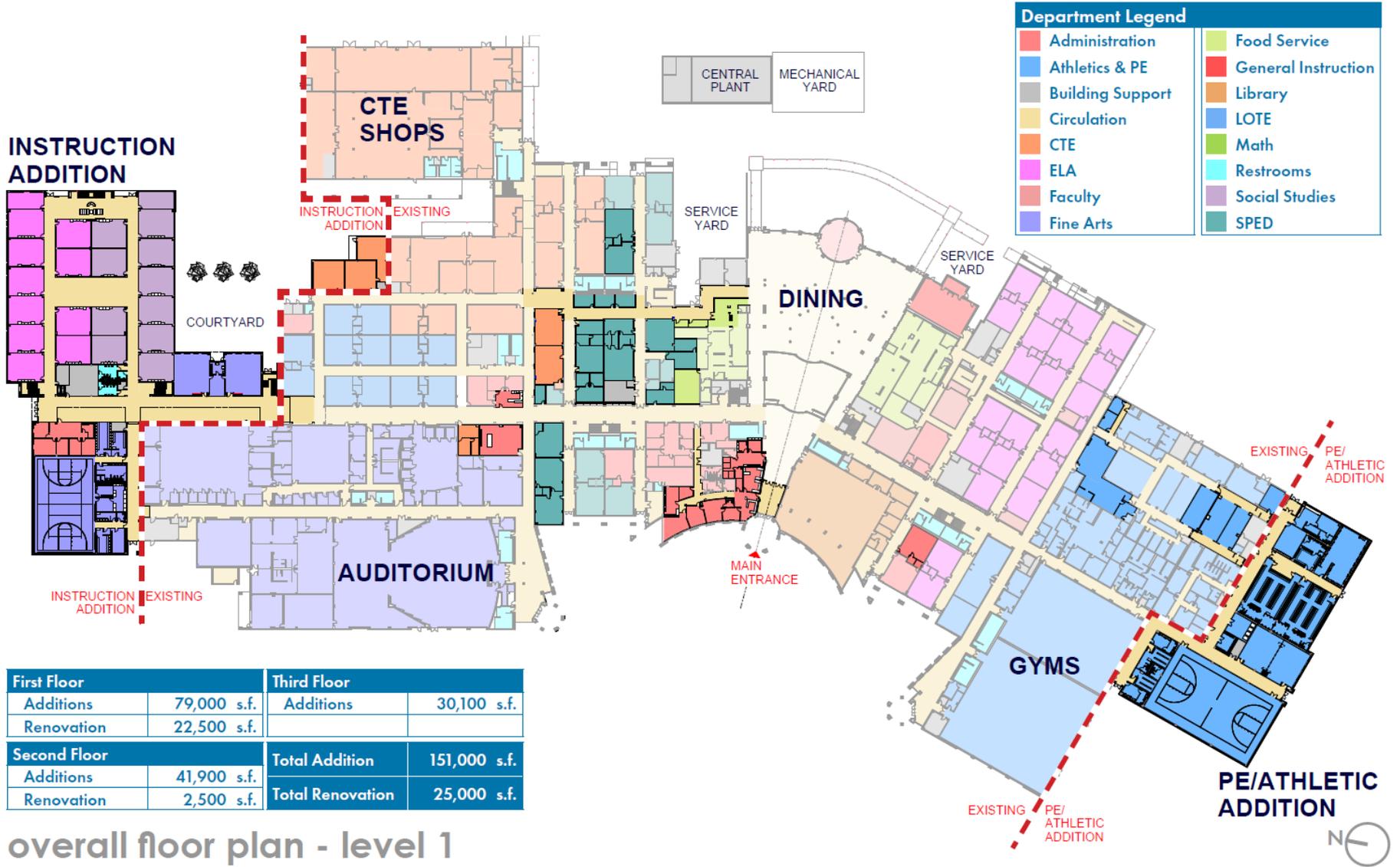
planning charrette







overall site plan



Department Legend	
Administration	Food Service
Athletics & PE	General Instruction
Building Support	Library
Circulation	LOTE
CTE	Math
ELA	Restrooms
Faculty	Social Studies
Fine Arts	SPED

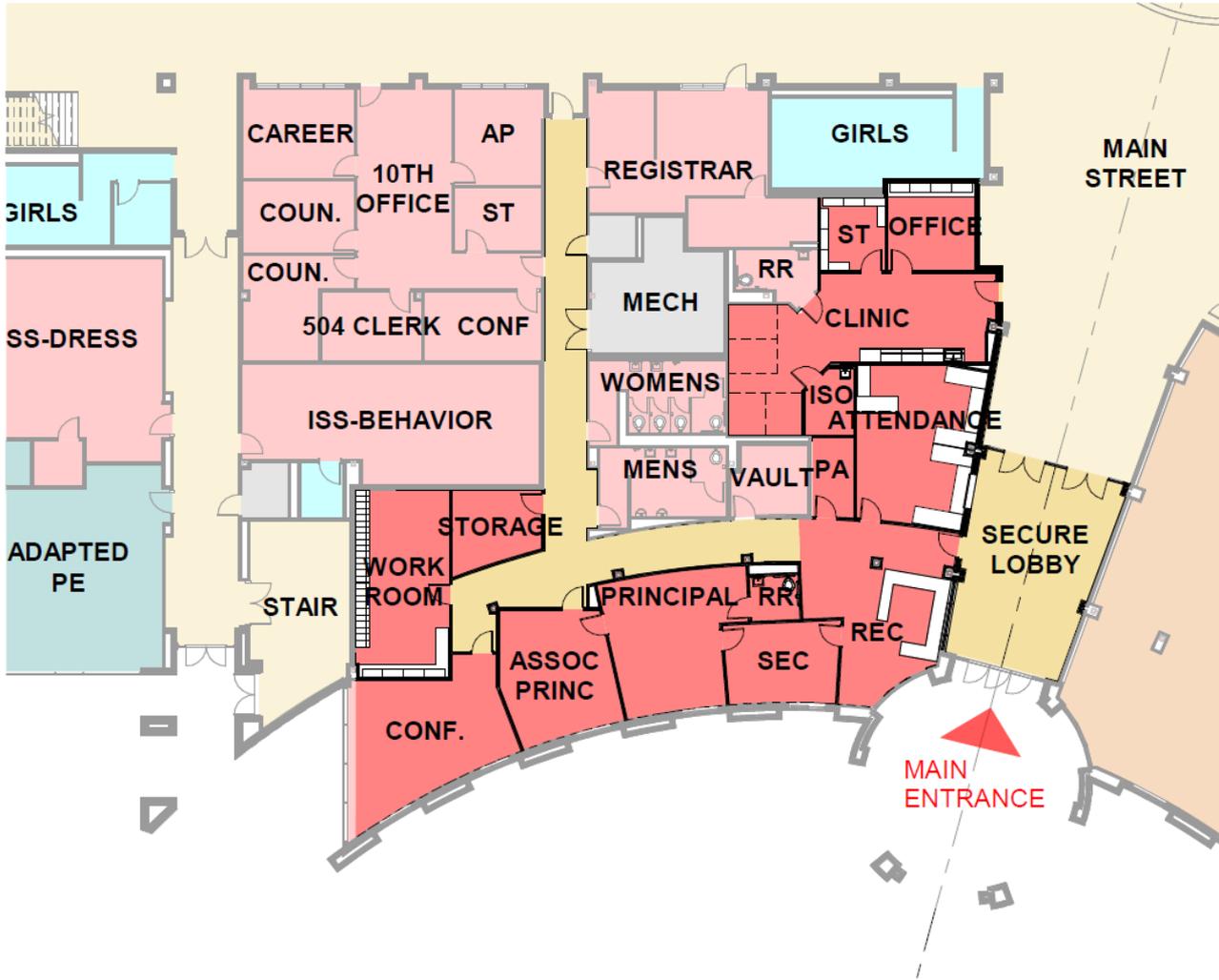
First Floor		Third Floor	
Additions	79,000 s.f.	Additions	30,100 s.f.
Renovation	22,500 s.f.		
Second Floor		Total Addition	151,000 s.f.
Additions	41,900 s.f.	Total Renovation	25,000 s.f.
Renovation	2,500 s.f.		

overall floor plan - level 1



Department Legend	
Administration	Food Service
Athletics & PE	General Instruction
Building Support	Library
Circulation	LOTE
CTE	Math
ELA	Restrooms
Faculty	Social Studies
Fine Arts	SPED

instruction addition
partial floor plan - level 1



Department Legend	
Administration	Food Service
Athletics & PE	General Instruction
Building Support	Library
Circulation	LOTE
CTE	Math
ELA	Restrooms
Faculty	Social Studies
Fine Arts	SPED

administration modifications partial floor plan - level 1





Department Legend	
Administration	Food Service
Athletics & PE	General Instruction
Building Support	Library
Circulation	LOTE
CTE	Math
ELA	Restrooms
Faculty	Social Studies
Fine Arts	SPED



EXISTING PE / ATHLETIC ADDITION

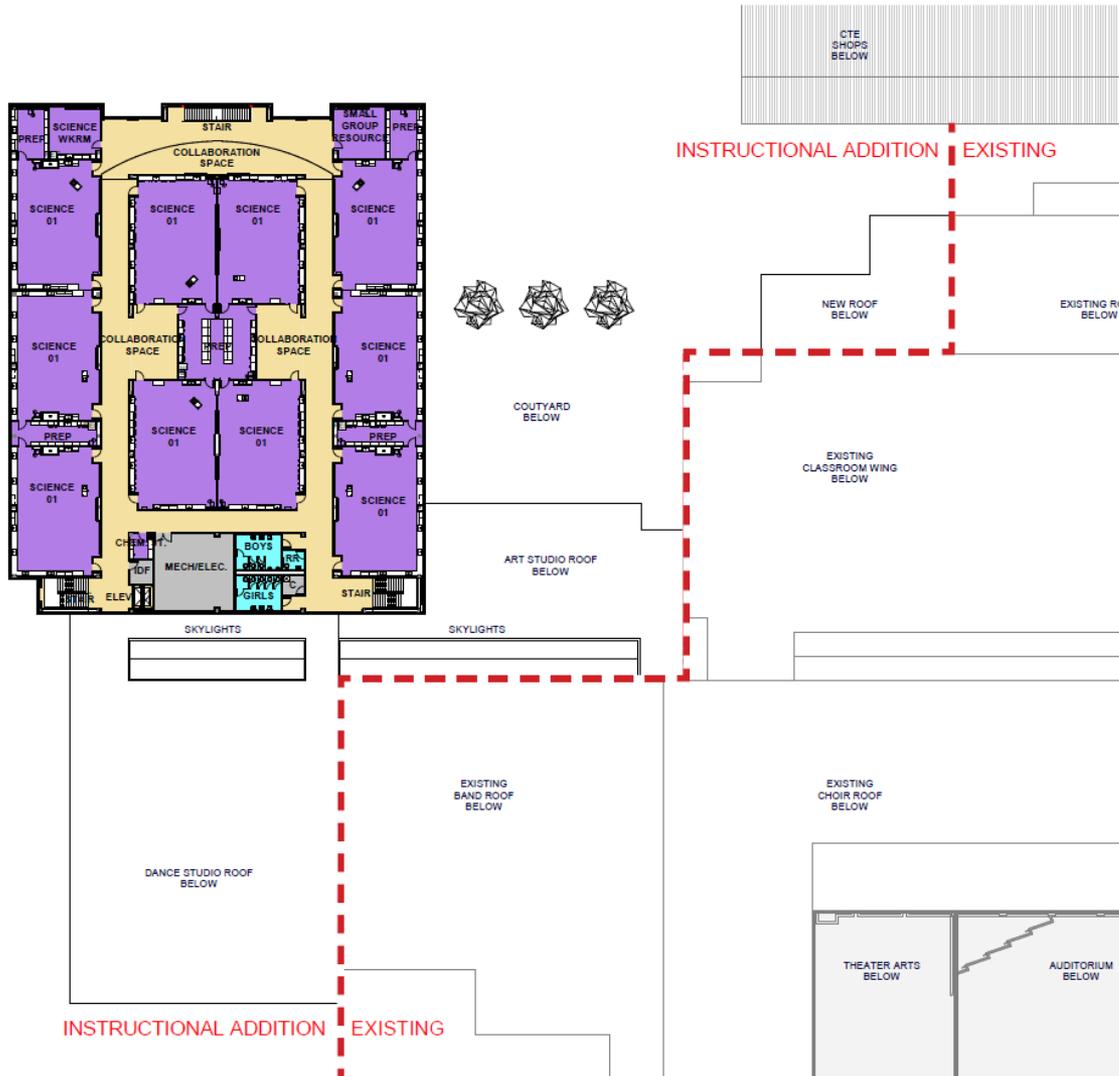
pe/athletic addition
partial floor plan - level 1

Department Legend

Administration	Fine Arts
Athletics & PE	General Instruction
Building Support	Math
Circulation	Restrooms
CTE	Science
Faculty	Social Studies



instruction addition partial floor plan - level 2



Department Legend	
	Building Support
	Circulation
	Restrooms
	Science



instruction addition partial floor plan - level 3

conceptual design images



instruction addition - north entrance

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pe/athletic addition - athletics entrance



instruction addition - main street

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instruction addition - collaboration area



instruction addition - view from north

project schedule and statement of probable cost

Programming - Complete

Schematic Design – Complete

Design Development – October 10, 2022 thru January 23, 2023

Review Revit/Enscape model with BHHS	November, 2022
75% DD due	December 5, 2022
ISSUE FOR BUDGET ESTIMATE (2 Weeks)	December 6, 2022 thru December 20, 2022
100% DD due	January 13, 2023
Review DD Documents with District	January 16, 2023 thru January 17, 2023
ISSUE DD DOCUMENTS	January 20, 2023
DD Board Presentation	January 23, 2023

Construction Documents – January 23, 2023 thru July 6, 2023

ISSUE FOR BUDGET ESTIMATE (2 Weeks) – 65% CD	March 6, 2023 thru March 20, 2023
ISSUE FOR BUDGET ESTIMATE (2.5 Weeks) – 95% CD	June 5, 2023 thru June 22, 2023
Review CD Documents with District	May 15, 2023 thru May 17, 2023
ISSUE CD DOCUMENTS	July 6, 2023

Bidding-Proposals – July 6, 2023 thru August 28, 2023

First Advertisement	July 1, 2023
Bid Documents Released to Proposers	July 6, 2023
Second Advertisement	July 8, 2023
Pre-Proposal Conference	July 20, 2023
Receive Proposals	August 3, 2023
Review GMP with BHISD	August 18, 2023
GMP Approval by Board of Trustees	August 28, 2023

Construction (NEW) – August 22, 2023 thru July 14, 2025

Notice to Proceed	August 28, 2023*
*Separate early work packages may be required for phasing, material purchasing, summer work	
Substantial Completion of Construction (21 months)	May 23, 2025
Final Completion of Construction	July 14, 2025

Construction (PHASE 01 SUMMER RENOVATION) – May 23, 2024 thru August 14, 2024

Substantial Completion of Construction	August 5, 2024
Final Completion of Construction	August 14, 2024

Construction (PHASE 02 SUMMER RENOVATION) – May 23, 2025 thru August 14, 2025

Substantial Completion of Construction	August 3, 2025
Final Completion of Construction	August 14, 2025

Post Construction

Warranty Inspection	July 2024/February 2025/June 2025
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Statement of Probable Cost

ITEM	AREA (SF)	COST/SF	TOTAL
NEW STUDENT PARKING	0	\$ -	\$ -
NEW ADDITION			
GYM & FOOTBALL ADDITION	27,000	\$ 450.00	\$ 12,150,000.00
DANCE ADDITION	8,800	\$ 450.00	\$ 3,960,000.00
MAIN STREET ADDITION	8,100	\$ 450.00	\$ 3,645,000.00
OFFICE & CLASSROOM ADDITION	107,100	\$ 345.00	\$ 36,949,500.00
DESIGN/ESCALATION CONTINGENCY			\$ 1,375,000.00
NEW ADDITION TOTAL			\$ 58,079,500.00
INTERIOR MODIFICATIONS/RENOVATIONS	28,000	\$ 195.00	\$ 5,460,000.00
TOTAL PROBABLE CONSTRUCTION COST			\$ 63,539,500.00
TOTAL PROBABLE SOFT COSTS (18%)			\$ 11,437,110.00
TOTAL PROBABLE PROJECT COST			\$ 74,976,610.00

Our next step:

design development!

- layout of building structure
- routing of MEP systems
- identification of wall construction, materials and colors
- finalize roof slopes and develop details
- space (room) layouts
- data and electrical locations
- reflected ceiling plans/lighting configurations
- exterior elevation drawings
- foodservice layout for kitchen
- detention calculations
- landscape plan
- furniture plans
- statement of probable cost





THANK YOU