

STRICKLAND MIDDLE SCHOOL

ADDITIONS AND RENOVATIONS

SCHEMATIC DESIGN



OCTOBER 23, 2018

ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

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A group of people are gathered around a table in a meeting room, looking at documents. The scene is dimly lit with a blue tint. The text 'ACKNOWLEDGMENTS' is overlaid in large white letters across the center of the image.

ACKNOWLEDGMENTS

ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

ACKNOWLEDGMENT

VLK Architects, Inc. wishes to thank the students, families, community, teachers/staff, campus and leadership for the opportunity to design the **Strickland Middle School Additions and Renovations** for Denton ISD. The project will build upon and incorporate the many **strong traditions** of Strickland Middle School while creating new learning and teaching opportunities that will support **empowering lifelong learners to be engaged citizens who positively impact their local and global community.**

DENTON ISD BOARD OF TRUSTEES

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Mr. Joey Florence, Director of Athletics
Ms. Jackie deMontmollin, Director of Fine Arts
Ms. Judy Bush, Senior Project Analyst

STRICKLAND MIDDLE SCHOOL

Ms. Kathleen Carmona, Principal

VLK ARCHITECTS

Ms. Leesa Vardeman, Partner
Mr. Ken Hutchens, Principal of Creative
Dr. Dalane Bouillion, Principal | Educational Planner
Mr. Chad Davis, Senior Associate
Ms. Tracy Loftin, Senior Associate | Specifications
Mr. Luis Lopez, Project Coordinator
Mr. Matt McGowen, Project Designer
Mr. Julio Leal, Architectural Intern
Ms. Cayce Dockstader, Architectural Intern
Ms. Lendsey Miller, Interior Designer
Mr. Brad Minton, Experience Designer
Mr. David Garcia, Experience Designer



PROJECT NARRATIVE

ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**

PROJECT NARRATIVE



- May 5, 2018, the Denton ISD community approved a \$750.5 million bond to address continuing growth in the district and fund renovations to existing campuses.
- **Strickland Middle School - Additions and Renovations**
- Project Completion: **Phased 2021**
- Architect: **VLK Architects, Inc.**
- CM@Risk: **Balfour Beatty Construction**
- Additions and renovations of Strickland Middle School shall incorporate renovated existing facilities (auditorium, gyms, athletics and fine arts) into a new **safe and supportive learning environment** serving 1000 students. The design includes **new classrooms, science labs, ESL classrooms, library/media center, and administration space.**
- The renovation will include all programs comparable to the newest middle school to incorporate **next generation learning and collaborative learning environments** for both students and teachers.
- The new construction shall include a storm shelter sized to serve the entire campus.



VLK | CURATION



VLK | CURATION

VLK | Curation is the thorough process of action research used with Denton ISD to gather relevant and purposeful data that scaffold the design process, ensuring the client's academic goals and expectations for students and staff drive the design process. Our Principal and Educational Planner, Dr. Dalane E. Bouillion studied the district's strategic plan, goals for curriculum and instruction, current instructional methodologies, academic programs, and state data.

CURRICULUM AND INSTRUCTION PLANNING QUESTIONNAIRE

Kathleen Carmona participated in an interview using VLK's Curriculum and Instruction Planning Questionnaire where relevant conversation regarding Curriculum and Instruction was discussed. Details regarding how academics are taught, special programs within the campus, specialized curricula, and the relevance of historical aspects of the long-standing campus was discussed. She assisted with understanding what is desired, and how space might accomplish the intended instructional initiatives in place.

ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**

VLK | CURATION - PLANNING QUESTIONNAIRE



WHO ARE WE?

- Solid Professional Learning Communities (PLCs) in place
- Strong interventions to ensure student success
- Flexible tutoring schedule
- PLTW all day Robotics
- Woodshop
- FINE ARTS!
- English Language Learners (ELLs)
- Support for Special Needs students
- Library/Media Center/Makerspace/Computer Lab
- COLLABORATION!
- Grit
- Respect
- Garden Club
- Rain Collection
- Outdoor dining/Picnic area

WHAT DO WE NEED?

- Even more collaboration
- Natural light
- A building that works
- Spaces that help us continue to “take care of each other” and continue to “remove barriers for students”



VLK | LAUNCH

ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

VLK | LAUNCH



The design you're seeing today was developed by students, parents, teachers, administrators and community leaders who participated in a **VLK | LAUNCH**, which was held at Strickland Middle School. Working in teams, they created the conceptual framework for the design which was developed into the Schematic Design that is being presented here for approval. In this process, participants discussed and selected imagery representing what they would want the exterior and interior of the school to look like and the type and scale of spaces. They then used gaming pieces representing areas such as core academic classrooms, collaboration zones, media center elements, maker space, etc. to create a layout for the new middle school plan.

VLK Architects and designers then took these concepts and created a conceptual framework of a plan, which was reviewed by the committee and then developed into this design.

LAUNCH PARTICIPANTS

Paul Andress

Keely Briggs

William Briggs

Michael Burriss

Judy Bush

Kathleen Carmona

Adrianna Cavazos-Gillian

Finn Collins

Leigha Collins

Jennifer Collins

Lytic Darden

Jacob Eckber

Dwight Goodwin

Jared Hart

Donovan Jones

Leslie Lehman

Giuliano Manzi

Kaleigh Mazy

Stephani Mazy

Grace Anne McKay

Maya Monge

Brett Moore

Breanna Morris

Jennifer Murray

Gwen Perkins

Tony Peters

Robert Pierce

Lisa Rivera

Lauren Roblyer

Carly Rogers

Garry Ryan

Emma Salas

Lorena Salas

Briana SMith

Rhonda Thoas

Mike Fance

Cindy Willis

Mario Zavala

ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**
DESIGN PREREQUISITES



RESPECT AND EXTEND THE HERITAGE AT STRICKLAND



NEXT GENERATION LEARNING OPPORTUNITIES



NEW MEDIA CENTER



CONSOLIDATED ADMINISTRATION



FACILITY MODERNIZATION



RENOVATION OF AUDITORIUM

ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

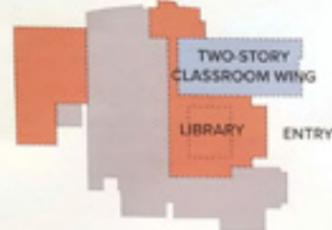
VLK LAUNCH - GAMING RESULTS



AERIAL VIEW



KEY PLAN



CLASSROOM WING DESIGN



GOALS:

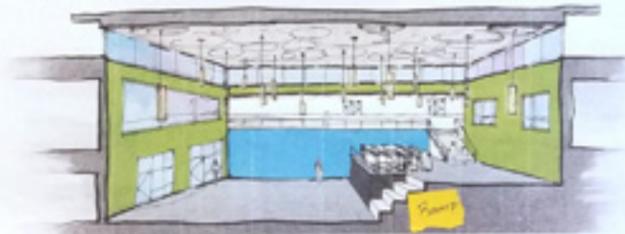
- Connected classrooms with collaboration spaces
- Self-contained classrooms throughout Strickland one Strickland
- Natural light in all rooms
- Writable surfaces!

VLK|ARCHITECTS

TEAM NAME:

Vikatects

LIBRARY SECTION



LIBRARY DESIGN



GOALS:

- Multi-levelled, Natural Light, & Flexible
- Moveable shelving & seating

TEAM: vikatects

CLASSROOM POD

- Connected classrooms with collaboration spaces
- Self-contained classrooms throughout school
- Natural light in ALL rooms
- Writable surfaces

LIBRARY

- Multi-levelled, natural light, flexible
- Moveable shelving and seating

ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

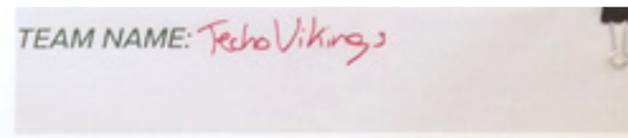
VLK LAUNCH - GAMING RESULTS



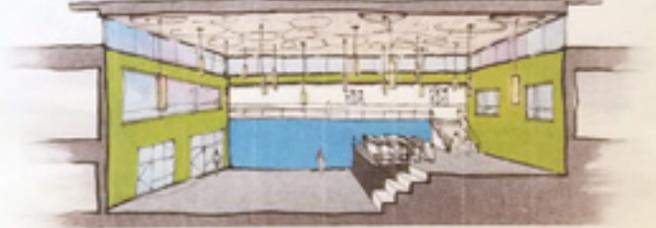
AERIAL VIEW



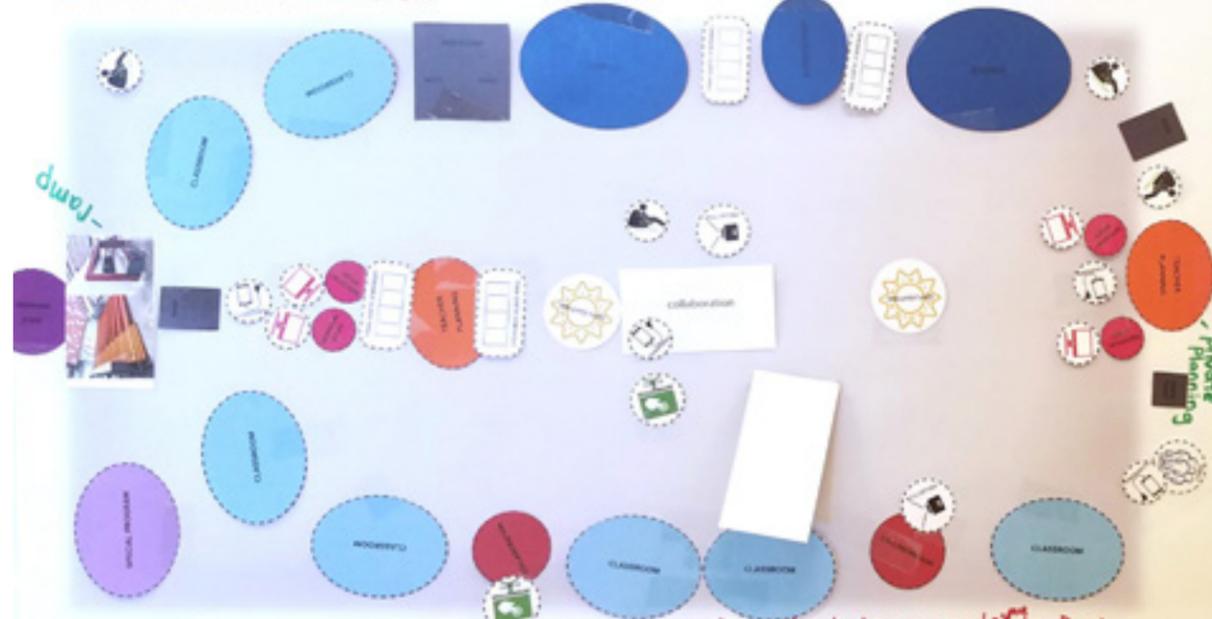
KEY PLAN



LIBRARY SECTION



CLASSROOM WING DESIGN



GOALS: Multiple types of trade space - private teachers can monitor & be found
 Want students & staff to feel safe. If there are glass walls, how do we look the school down if needed? Teachers want to be able to monitor students from their classrooms when students are in collaboration areas spaces. Disability

LIBRARY DESIGN



GOALS: Circulation desk near the entrance that you can monitor the entire space from.
 Get as many books as possible at eye level. long glass walls. Need a lecture space for up to 60 kids.
 Sound proof but monitorable space for small group collaboration

TEAM: TechnoVikings

CLASSROOM POD

- Multiple types of teacher planning space (public AND private)
- Students and staff should feel safe.
- Monitor students in collaboration spaces from the classroom

LIBRARY

- Circulation Desk near entrance with ability to monitor entire space
- Books at eye level
- Lecture space
- Sound proof but monitorable space for small group collaboration

ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL VLK LAUNCH - GAMING RESULTS

STRICKLAND MIDDLE SCHOOL
DENTON INDEPENDENT SCHOOL DISTRICT
DESIGN CHARRETTE

AERIAL VIEW KEY PLAN

CLASSROOM WING DESIGN LIBRARY DESIGN

TEAM NAME: **BASH!**

LIBRARY SECTION

TEAM BASH!

GOALS: Collaborative and quiet science areas.

The design charrette board is divided into several sections. At the top left is the school's logo and name. Below it are an aerial photograph and a key plan showing the layout of the 'TWO-STORY CLASSROOM WING', 'LIBRARY', and 'ENTRY'. The middle left section, 'CLASSROOM WING DESIGN', features a large board with various colored circles and icons representing different classroom types like '6th CLASSROOM', '7th CLASSROOM', '8th CLASSROOM', '9th CLASSROOM', '10th CLASSROOM', '11th CLASSROOM', and '12th CLASSROOM'. A yellow sticky note asks 'SPEA SPACE?'. The middle right section, 'LIBRARY DESIGN', shows a perspective drawing of the library interior and a board with more design elements and icons. At the bottom, there are two 'GOALS' sections with handwritten text: 'GOALS: Collaborative and quiet science areas.' and 'GOALS:'. The VLK ARCHITECTS logo is in the bottom left corner.

TEAM: BASH!

CLASSROOM POD

- Collaborative and quiet science areas

ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL VLK LAUNCH - GAMING RESULTS



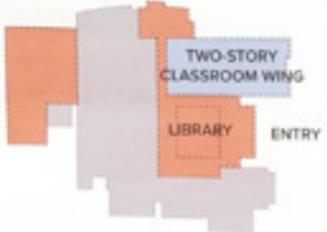
STRICKLAND MIDDLE SCHOOL
DENTON INDEPENDENT SCHOOL DISTRICT
DESIGN CHARRETTE

TEAM NAME: *SCC!*

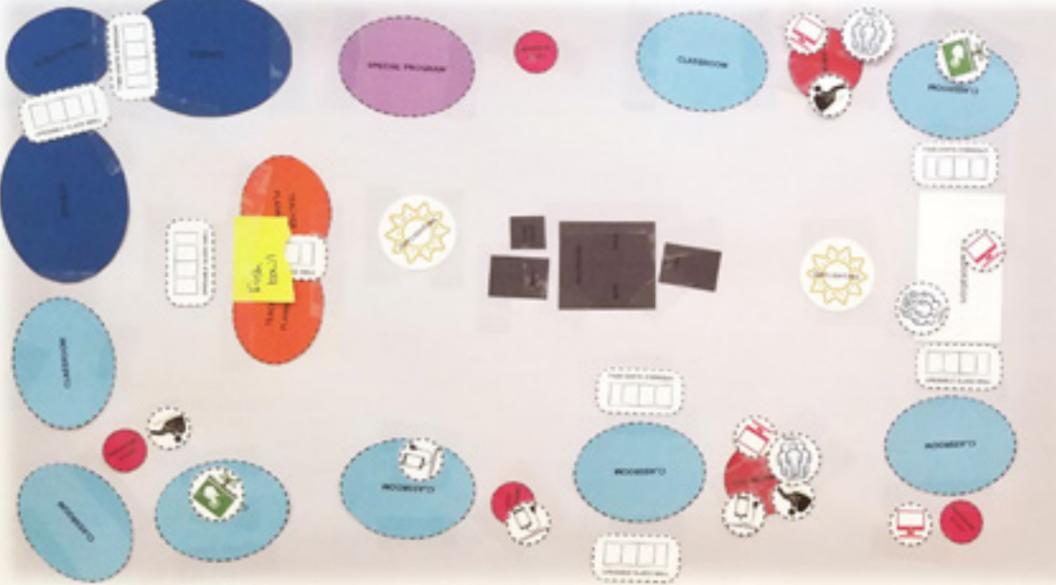
AERIAL VIEW



KEY PLAN



CLASSROOM WING DESIGN



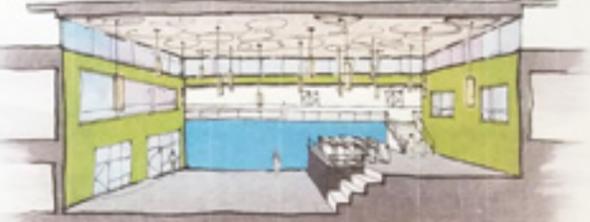
GOALS: *interactive boards in all classrooms, Flexible spaces (movable white), overhead natural light, Traditional and non-traditional seating, Charging spaces and space for movement within the science lab, one-to-one computers in classrooms, second story view of library*

LIBRARY DESIGN



GOALS: *over head lights (natural) (similar to picture), learning stairs, access to interactive boards*

LIBRARY SECTION



TEAM: SCC!

CLASSROOM POD

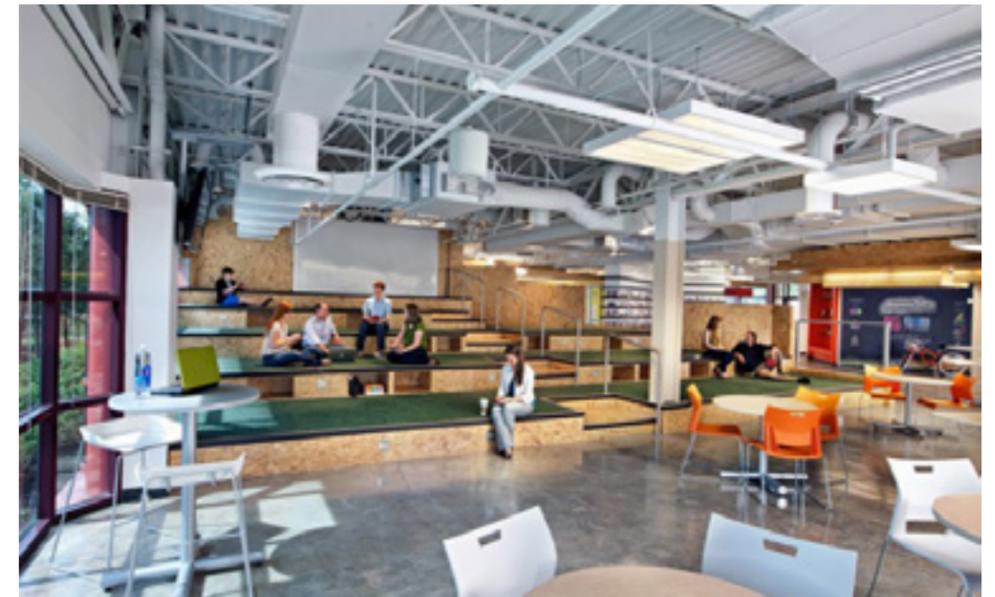
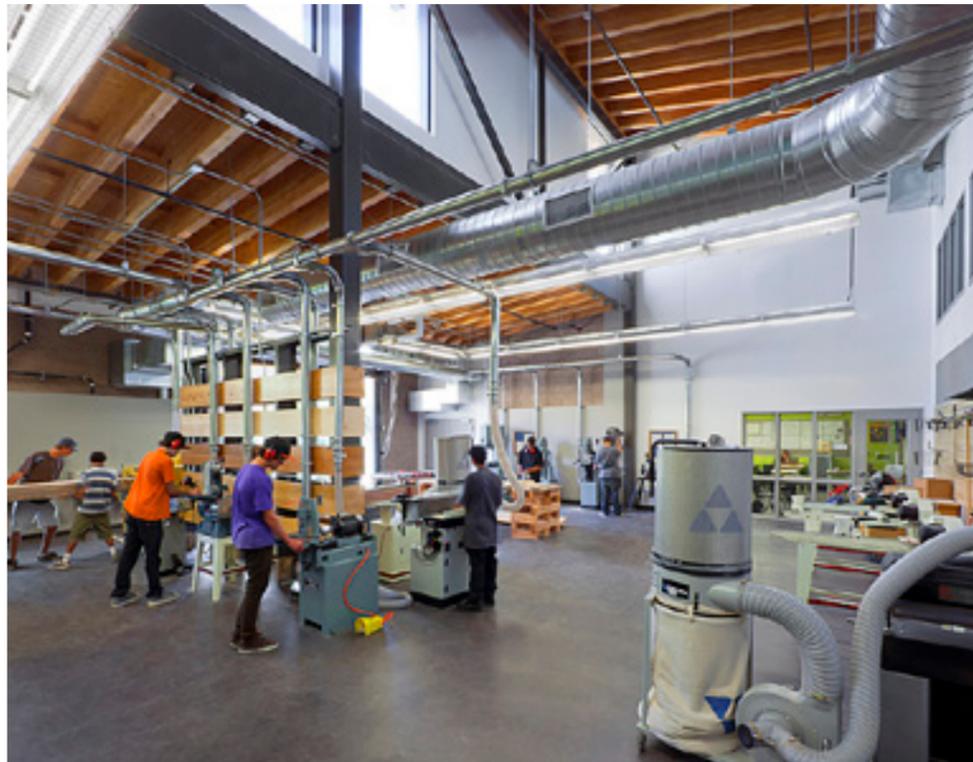
- Interactive boards in all classrooms
- Flexible spaces
- Natural light
- Variety of seating
- Charging spaces
- Space for movement in labs
- Connection to library

LIBRARY

- Natural lighting
- Learning stairs
- Access to interactive boards
- Lab space for Robotics

ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

VLK LAUNCH - TYPOLOGY OF SPACES

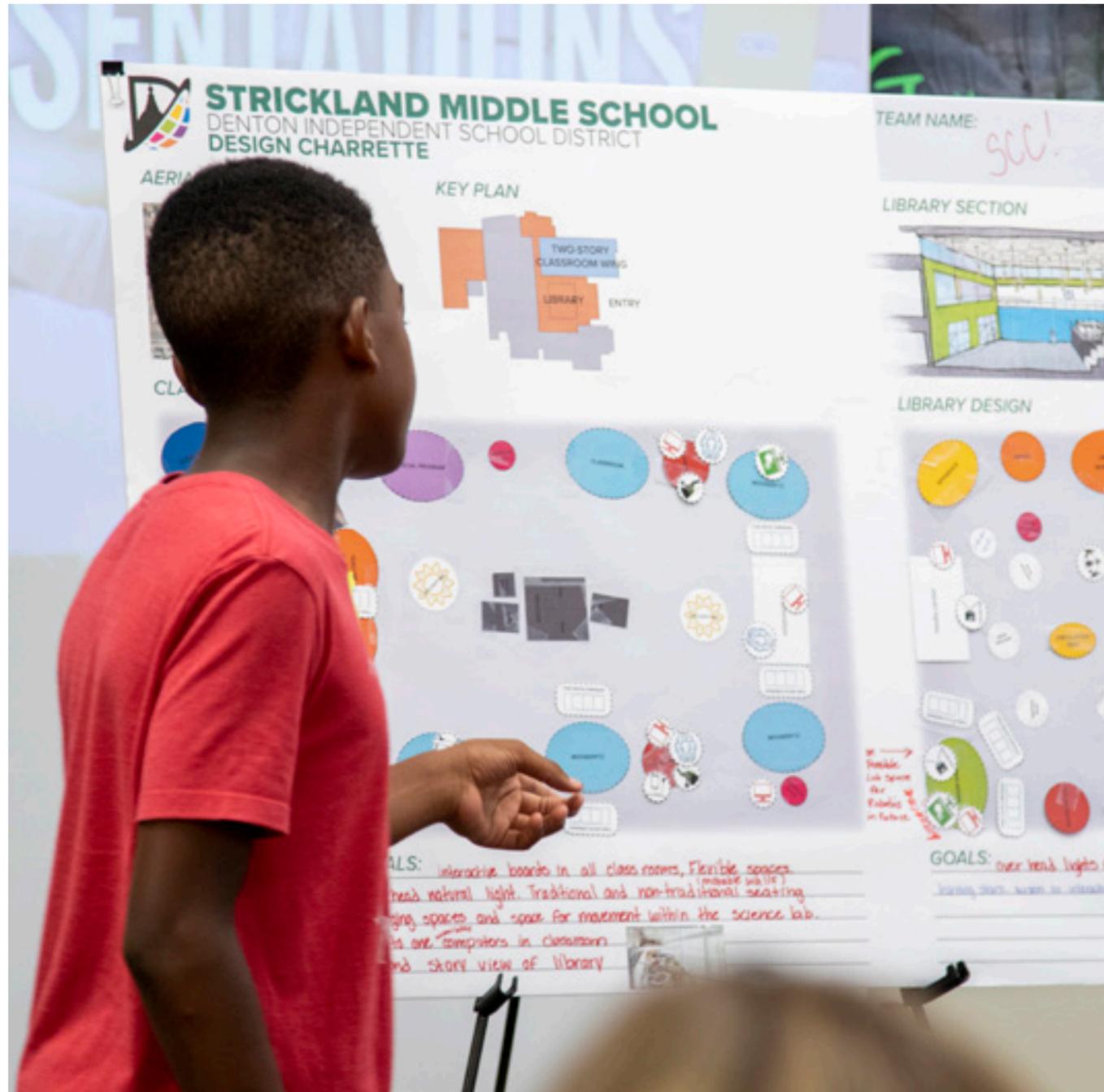


SCHEMATIC DESIGN

A blue-tinted photograph of a classroom or workshop. In the foreground, a student in a purple shirt is seated at a long wooden table, looking towards the right. The table is cluttered with papers, a water bottle, and other items. In the background, several other students are seated at similar tables, some working on laptops. The room has a high ceiling with exposed ductwork and track lighting. Large windows are visible in the background, and a whiteboard with some writing is partially visible on the right. The overall atmosphere is one of a busy, collaborative learning environment.

ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**

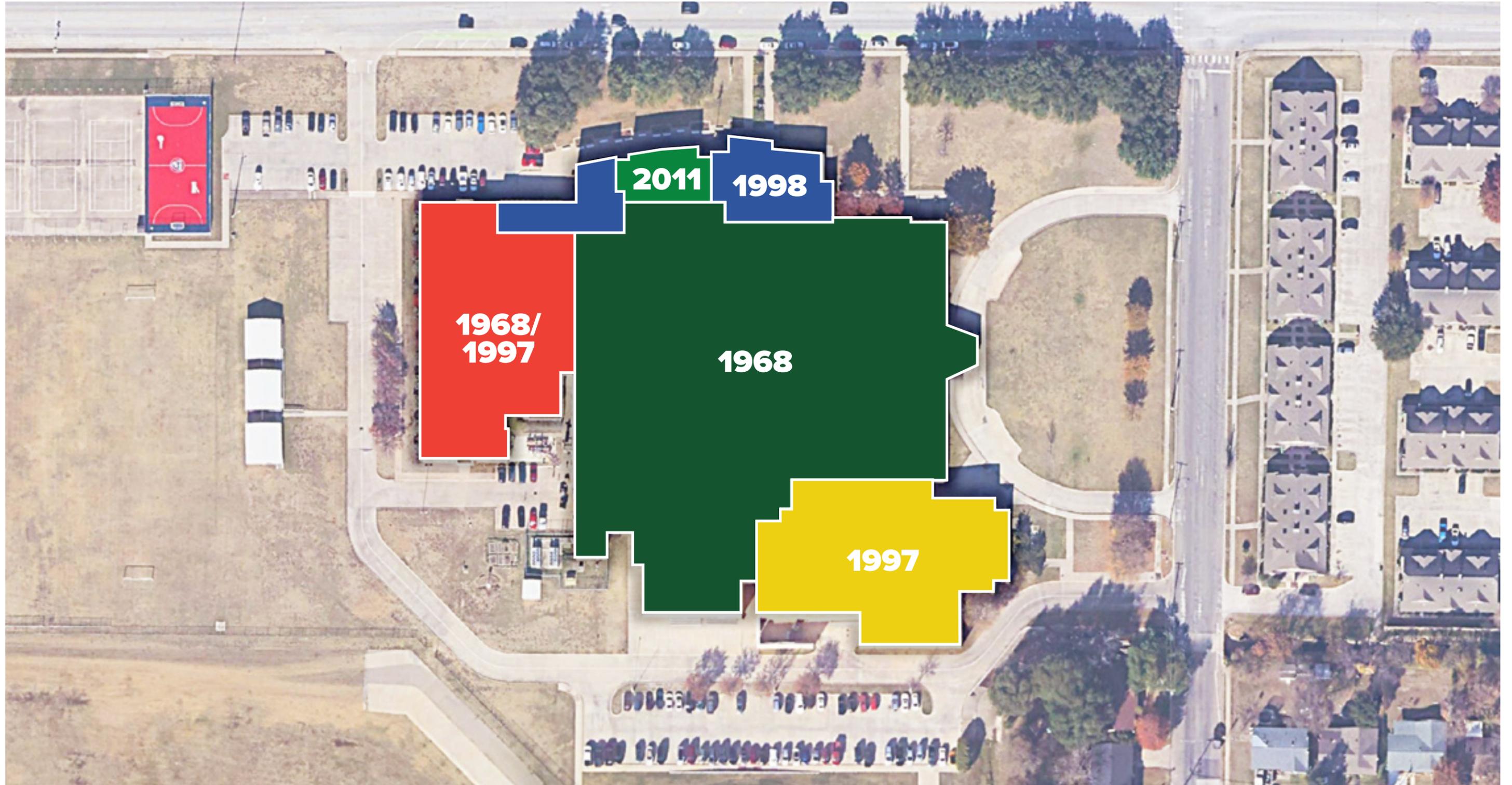
PROJECT GOALS



- **Modernize the facility** with new finishes, infrastructure, amenities, and energy efficient construction to be equitable with the newer middle schools in the district
- Provide **next-generation learning** and **collaborative environments** for both teachers and students
- Move all classrooms out of the basement
- Consolidate and bring the **administration area** up to Denton ISD Education Specification standards
- Provide for a **controlled entry** with adjacent visitors parking
- Integrate and **embrace the history** of Strickland Middle School into the new design
- Refurbish the **auditorium finishes, seating, and systems**
- Create a **modern library with maker spaces and flexible spaces** to support inquiry-based learning
- Make all spaces **accessible to all students**

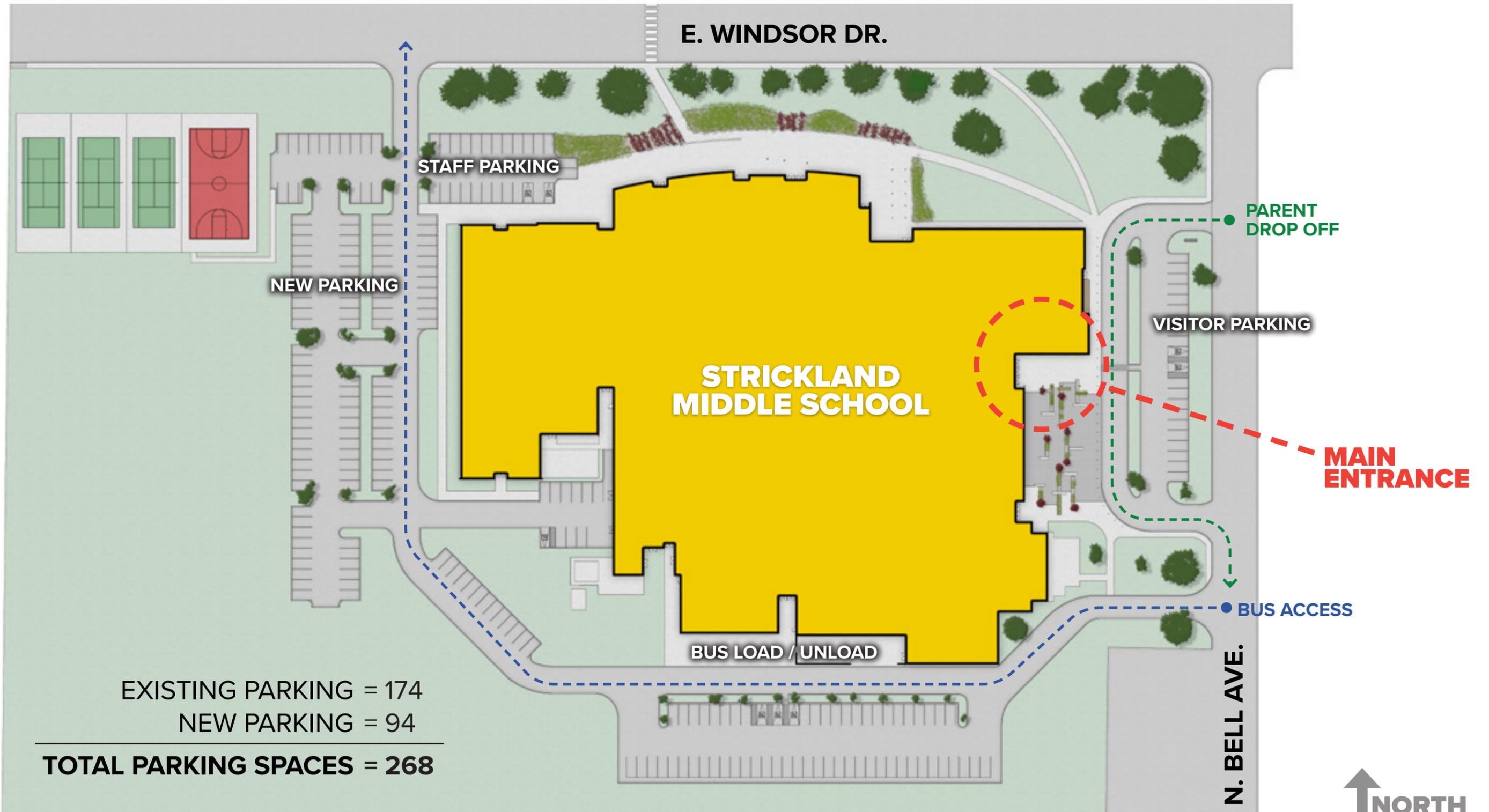
ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

EXISTING SITE PLAN



ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

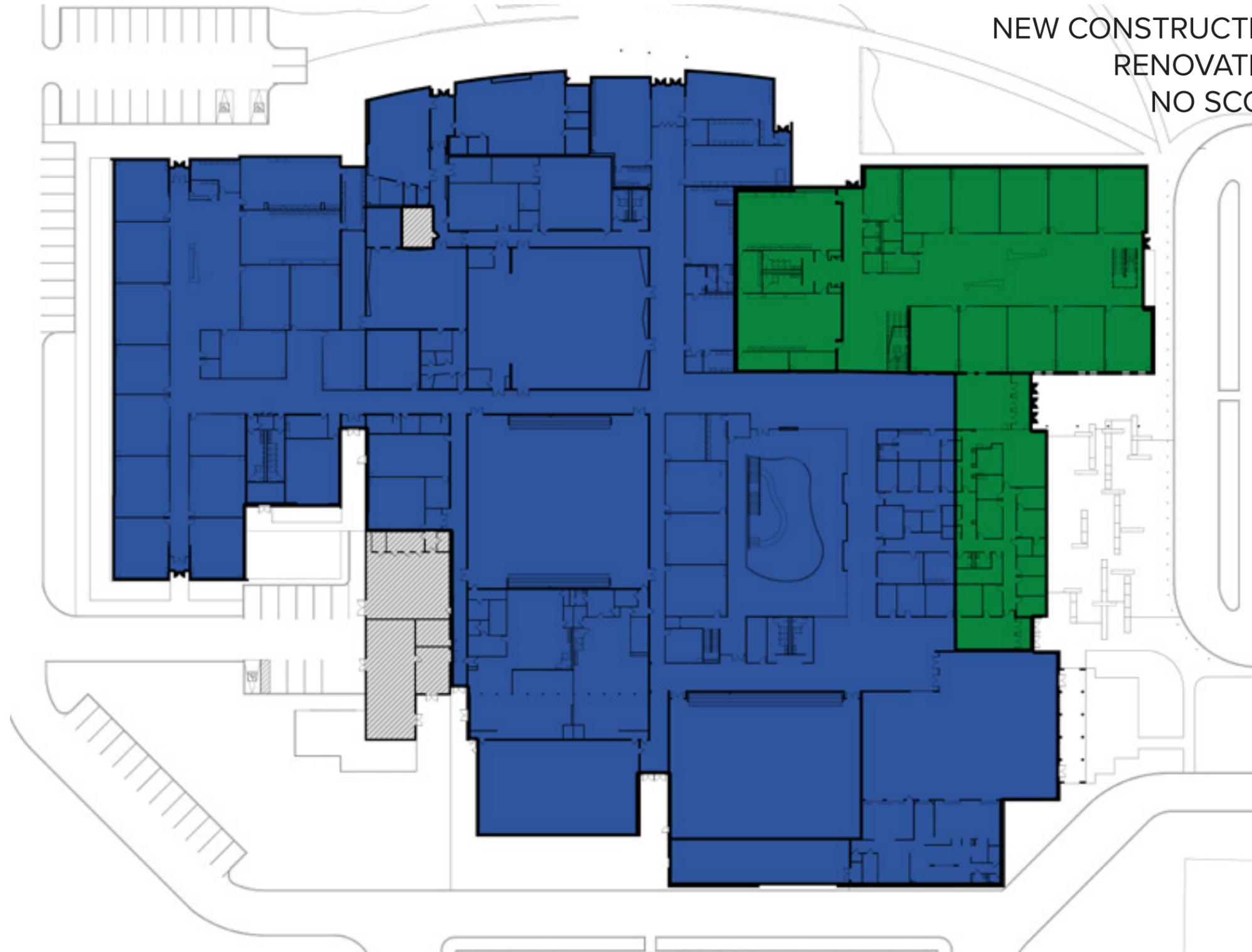
NEW SITE PLAN / TRAFFIC PLAN



ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

NEW FLOOR PLAN - SCOPE

NEW CONSTRUCTION **37,294 SF**
RENOVATION **155,123 SF**
NO SCOPE **7,864 SF**



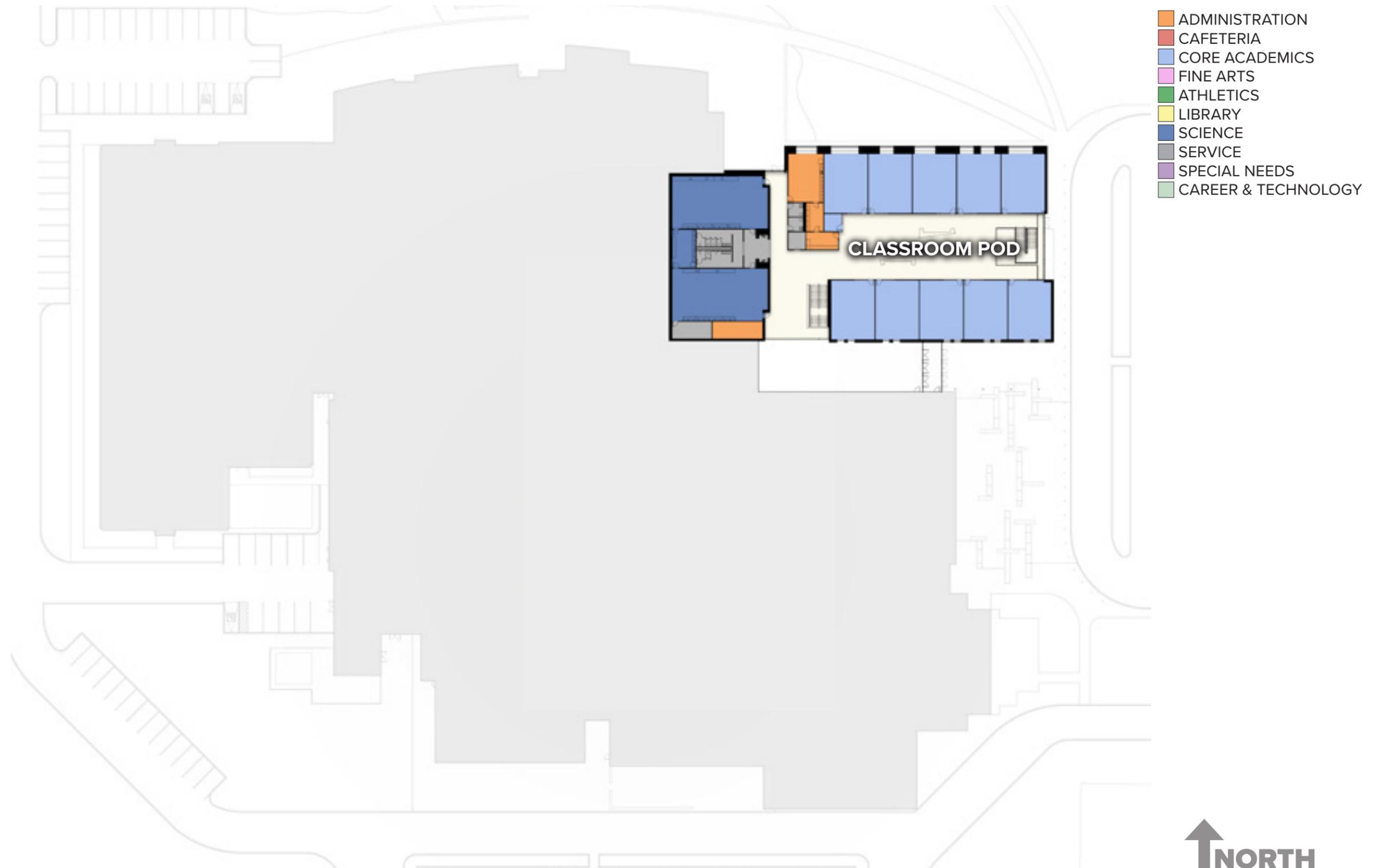
ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

NEW FLOOR PLAN - LEVEL ONE



ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

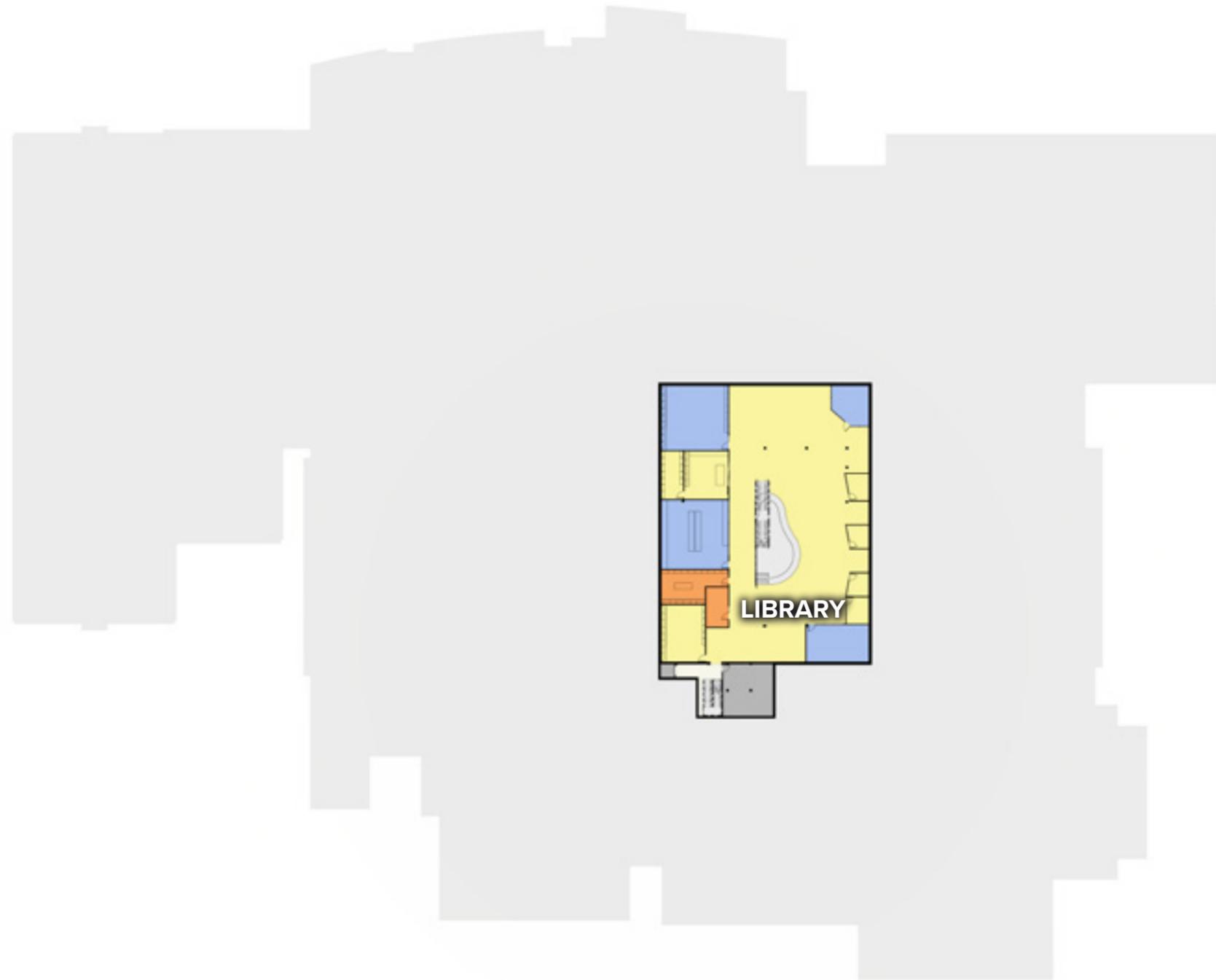
NEW FLOOR PLAN - LEVEL TWO



ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**

NEW FLOOR PLAN - BASEMENT LEVEL

- ADMINISTRATION
- CAFETERIA
- CORE ACADEMICS
- FINE ARTS
- ATHLETICS
- LIBRARY
- SCIENCE
- SERVICE
- SPECIAL NEEDS
- CAREER & TECHNOLOGY



ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**
CONCEPTUAL IMAGE - AERIAL FROM E. WINDSOR



ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**
CONCEPTUAL IMAGE - FRONT DOOR



ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**
CONCEPTUAL IMAGE - FRONT DOOR CLOSEUP



ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**

CONCEPTUAL IMAGE - COLLABORATION



ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**

CONCEPTUAL IMAGE - COLLABORATION



ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**
CONCEPTUAL IMAGE - LIBRARY



ADDITIONS AND RENOVATIONS TO **STRICKLAND MIDDLE SCHOOL**
CONCEPTUAL IMAGE - FRONT ENTRY AT DUSK

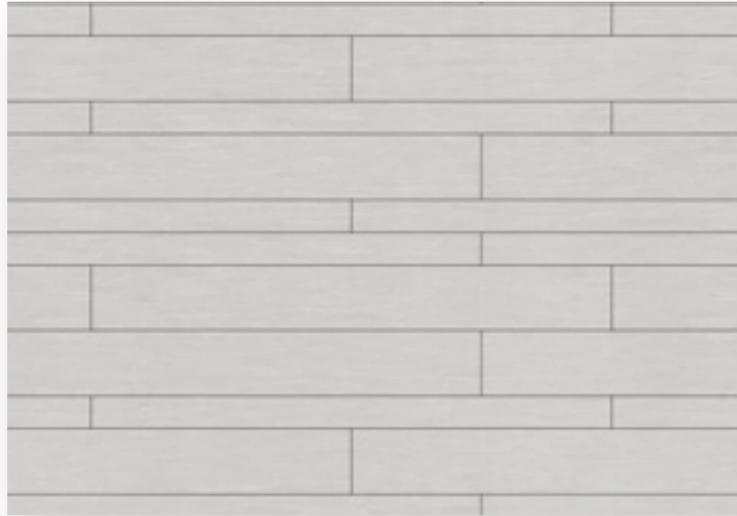


ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

EXTERIOR MATERIALS

METALS

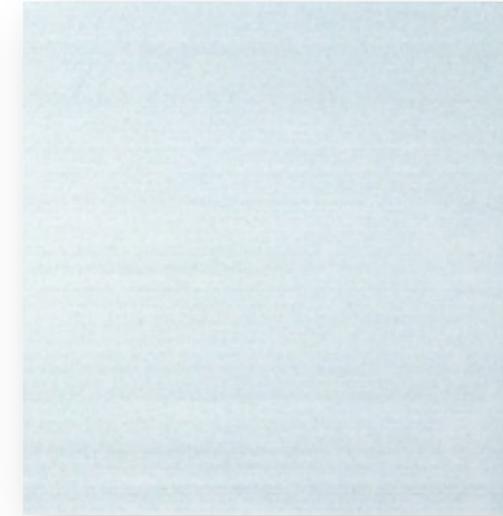
Metal Wall Panel A: Anodic Clear



Metal Wall Panel B: Charcoal Gray

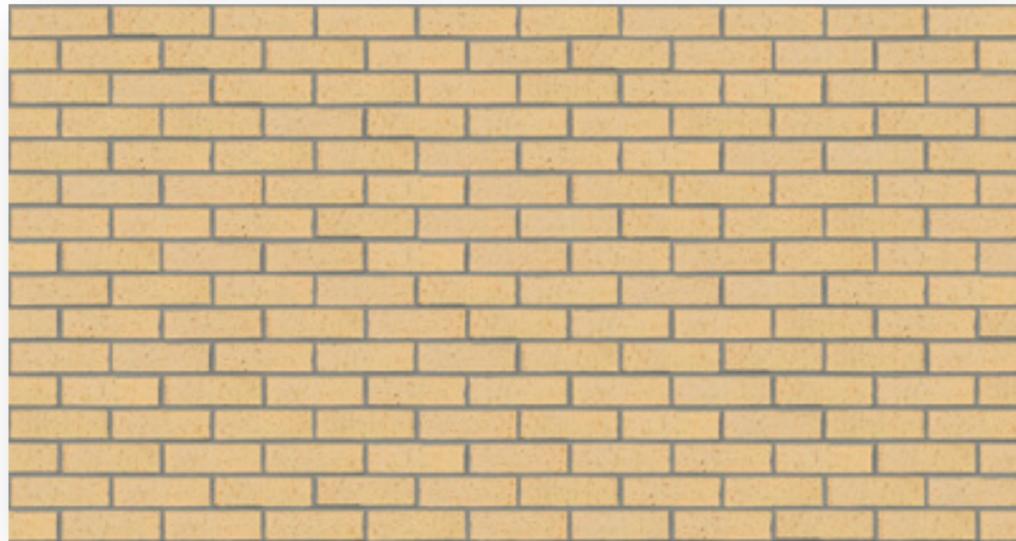


Storefront/CW: Clear Anodized

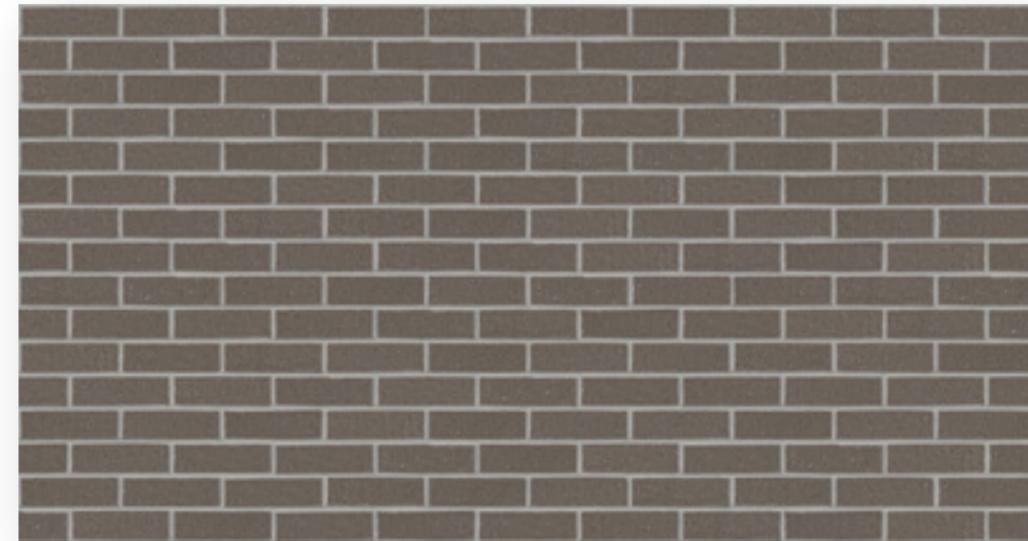


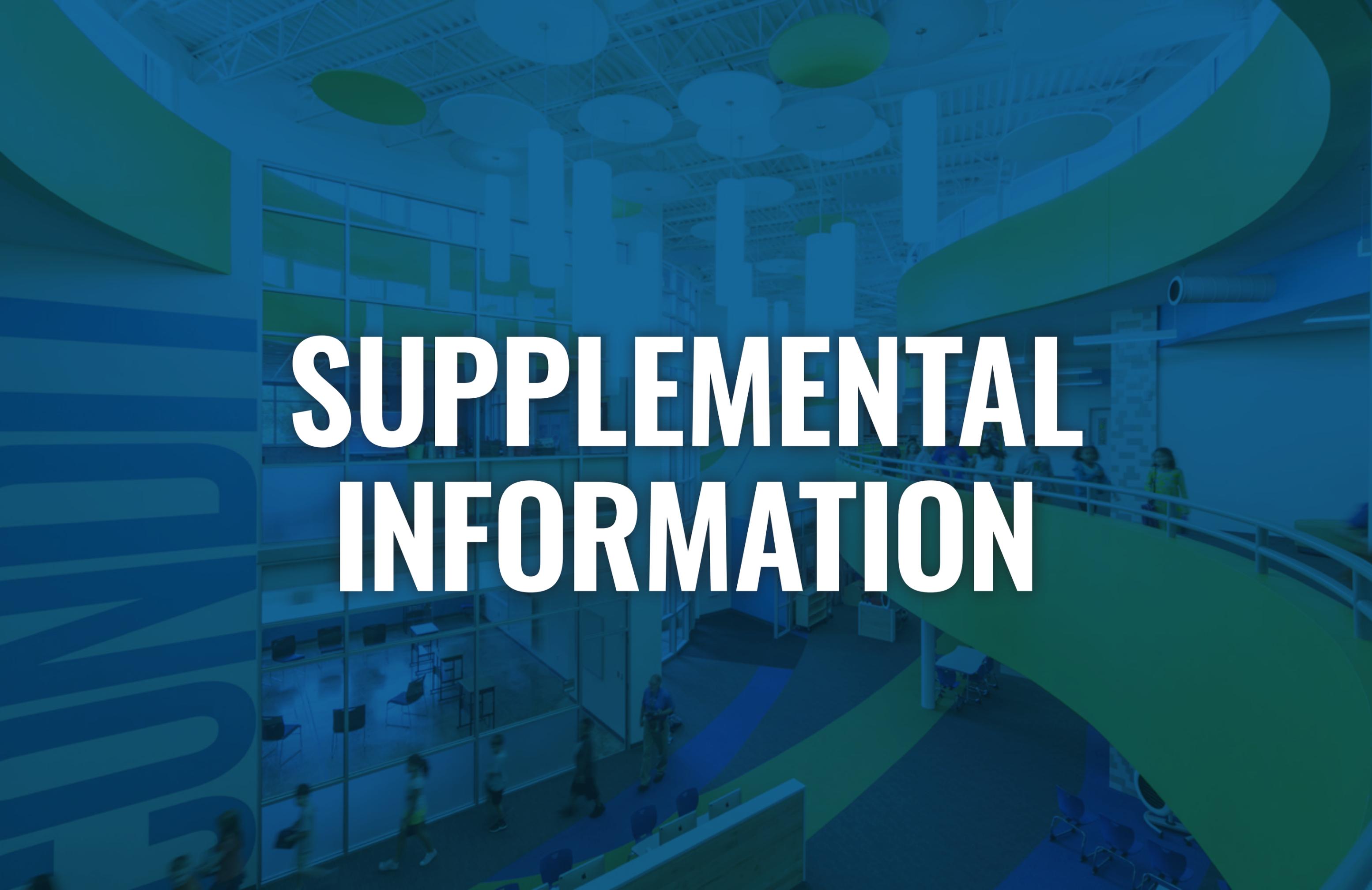
MASONRY

Brick Veneer A:
Existing Denton Blend



Brick Veneer B:
Charcoal Gray

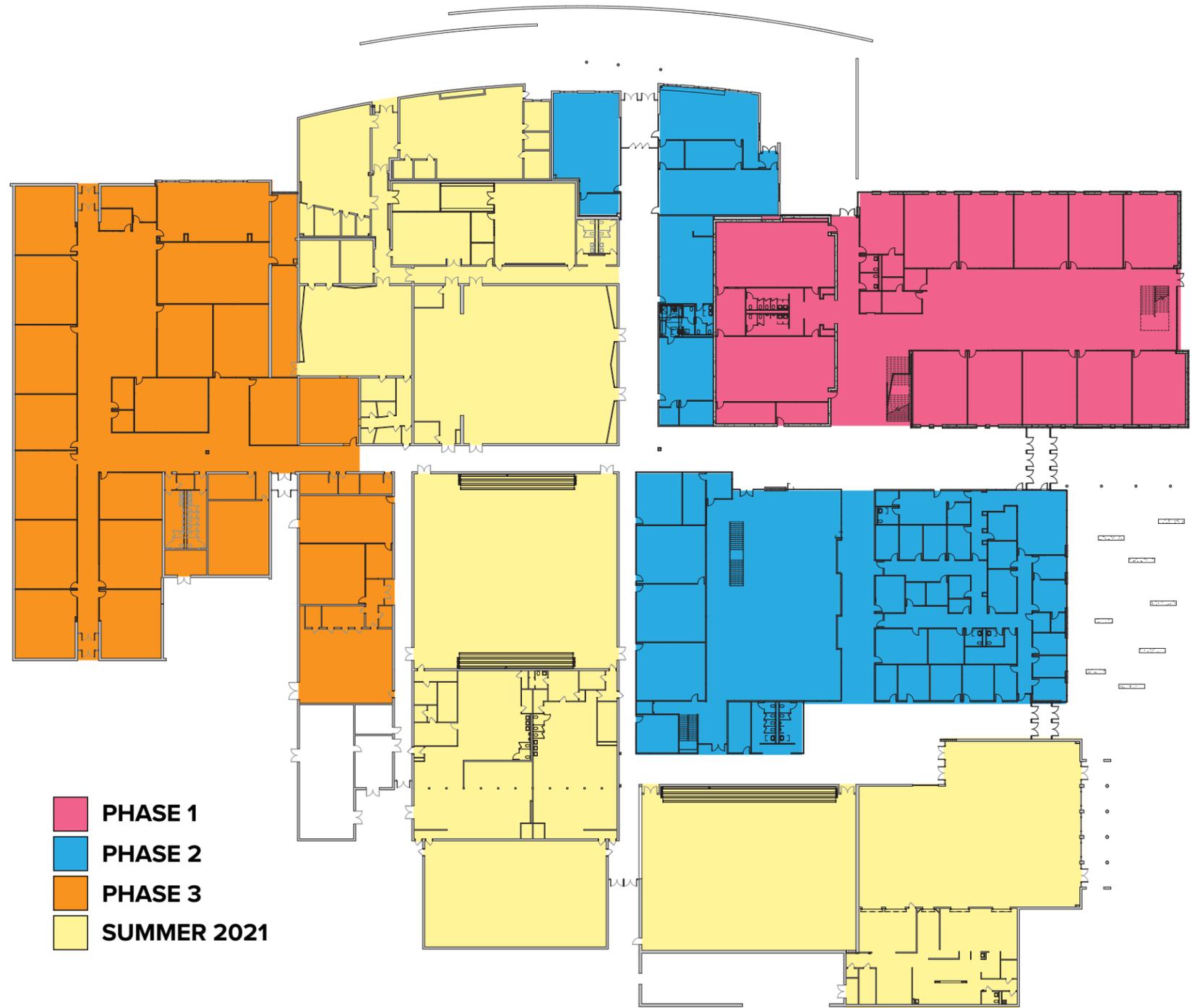




SUPPLEMENTAL INFORMATION

ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

PROJECT PHASING PLAN



ADDITIONS AND RENOVATIONS TO STRICKLAND MIDDLE SCHOOL

NEXT STEPS



PROJECT VISIONING



VLK | CURATION



VLK | LAUNCH



DESIGN DEVELOPMENT



CITY OF DENTON PRE-DEVELOPMENT



CONSTRUCTION DOCUMENT DEVELOPMENT

NOW - FEB. 2019

OUT FOR PROPOSALS

FEB 2019

ANTICIPATED BOARD APPROVAL OF GMP

MAR 2019

PHASED CONSTRUCTION START

JUNE 2019

CONSTRUCTION COMPLETION

SUMMER 2021



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