



ELGIN ISD

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Elgin High School: CTE Expansion

Design Meeting #1

March 10, 2022



S&P

introductions

Talking Points

Project Overview and Scope

Program Review

Tour of Industry: CTE Spaces

Discussion of Initial Floor Plan Concepts

Project Overview and Scope



ELGIN HIGH SCHOOL IMPROVEMENTS DESIGN & CONSTRUCTION SCHEDULE - REV. 03/04/2022

YEAR	2022												2023												2024											
WORK ITEM	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Design Phase (02/2022 - 06/2022)																																				
Schematic Design : February - April 2022																																				
Project Kick-Off Meeting - 02/15/2022																																				
Programming Meeting - 02/24/2022																																				
Design Meeting No. 1 - 03/10/2022																																				
Design Meeting No. 2 - 03/31/2022																																				
Design Meeting No. 3 - 04/21/2022																																				
Design Development : May - June 2022																																				
Department Meeting No. 1 - Week of 05/02/2022																																				
Department Meeting No. 2 - Week of 05/23/2022																																				
50% VE Review - 06/06/2022																																				
Department Meeting No. 3 - Week of 06/20/2022																																				
Construction Documents Phase (07/2022 - 11/2022)																																				
50% Hard copies to the EISD & LAN - 09/12/2022																																				
LAN VE Review - Week of 09/26/2022																																				
75% Hard copies to EISD & LAN - 10/17/2022																																				
75% Page Turn Review with EISD & LAN - TBD																																				
95% Hard copies to EISD & LAN - 11/18/2022																																				
95% Page Turn Review with EISD & LAN - TBD																																				
100% Issue for Proposal/Permit - 11/30/2022																																				
Bidding (12/2022 - 01/2023)																																				
Bid Day - TBD																																				
GMP to Elgin ISD - TBD																																				
GMP Board Approval - TBD																																				
Permit (TBD)																																				
Construction Phase (02/2023 - 10/2024)																																				
Closeout Phase (10/2024 - 11/2024)																																				

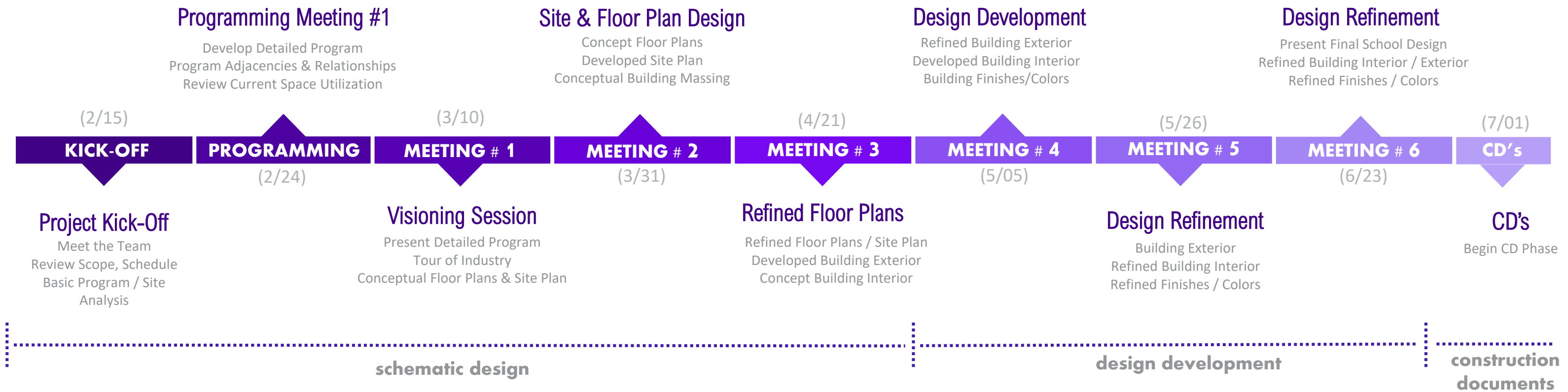




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ELGIN HIGH SCHOOL ADDITIONS AND CTE EXPANSION

DETAILED DESIGN SCHEDULE





Elgin High School Additions and CTE Expansion

Design Meeting #1

March 10, 2022: 8:30 AM - 3:00 PM

Location: Elgin Administration Building, Board Room

Meeting Facilitator: PBK

Invitees: EISD Cabinet, Department Directors, High School Staff, LAN (Program Manager), PBK (Architect), S&P (Construction Manager)

Meeting Purpose: Visioning session with stakeholders, present project scope, timeline and program, identify goals and priorities for the school additions, tour of industry, present initial concept floor plan / site plan and get feedback.

Agenda:

8:30 AM - 10:30 AM	Classrooms / Academics
10:30 AM - 11:30 AM	Cafeteria Additions
11:30 AM - 12:30 PM	Athletics (site discussion for possible discus and shot-put relocation)
12:30 PM - 1:00 PM	Lunch
1:00 PM - 3:00 PM	CTE

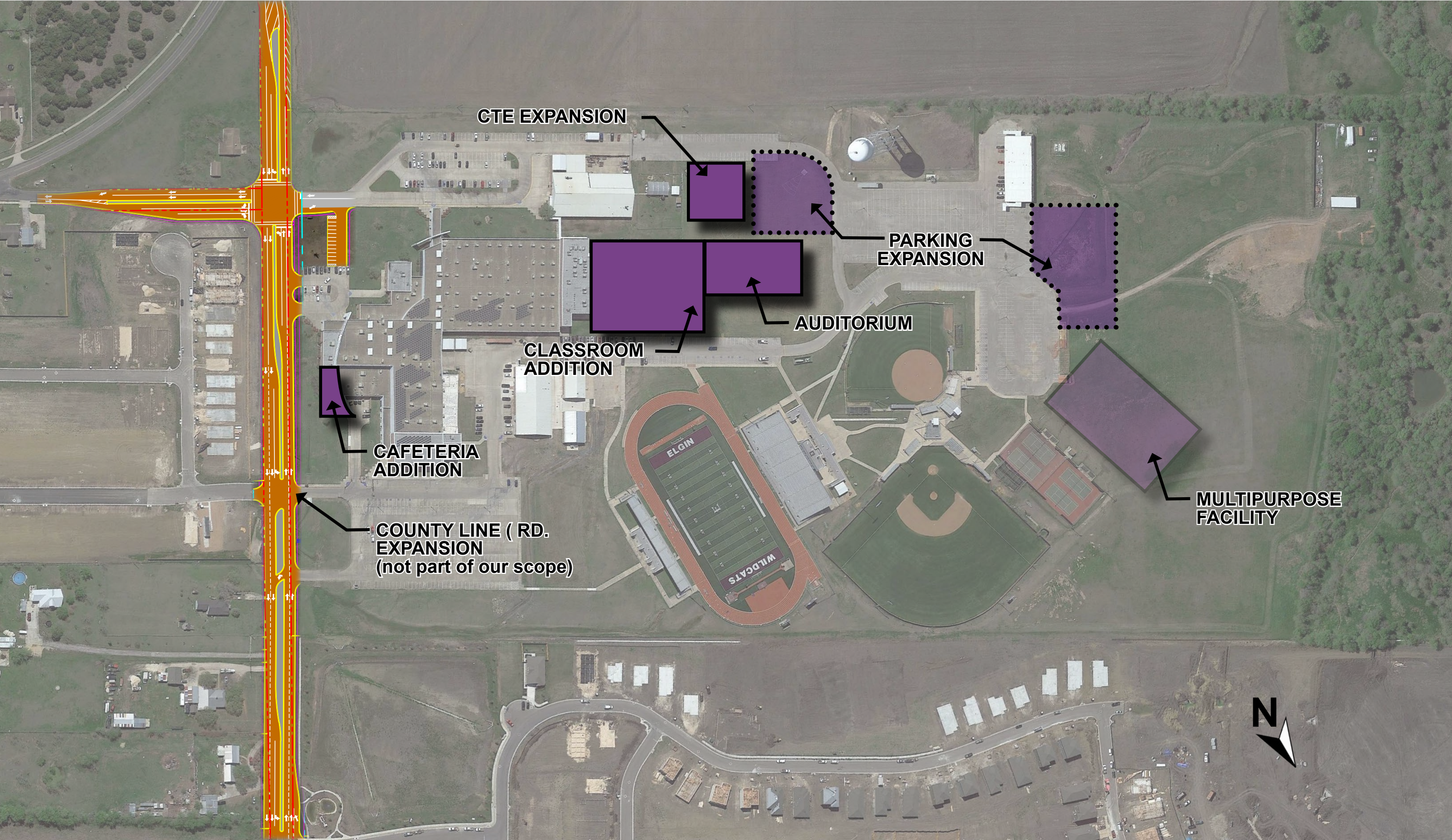
*** Fine Arts will be scheduled at a later date.

ELGIN HIGH SCHOOL: OVERALL EXISTING SITE PLAN



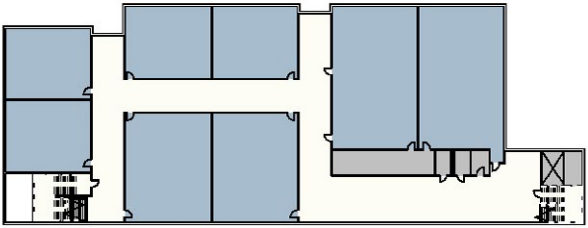
PROJECT SCOPE: OVERALL SITE PLAN PROJECT SCOPE

**LOCATIONS ARE ONLY CONCEPTUAL AND
MAY CHANGE AS WE START THE DESIGN**

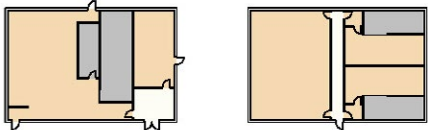


ELGIN HIGH SCHOOL: EXISTING OVERALL FLOOR PLAN

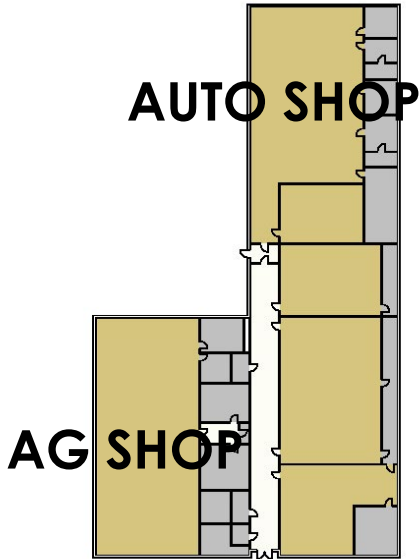
ACADEMICS



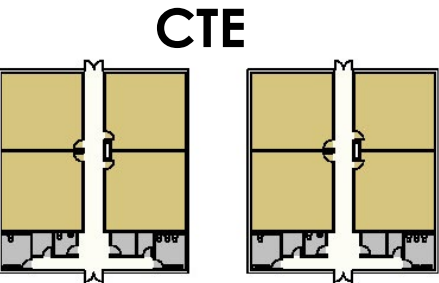
SECOND FLOOR



ATHLETICS



CTE BUILDING

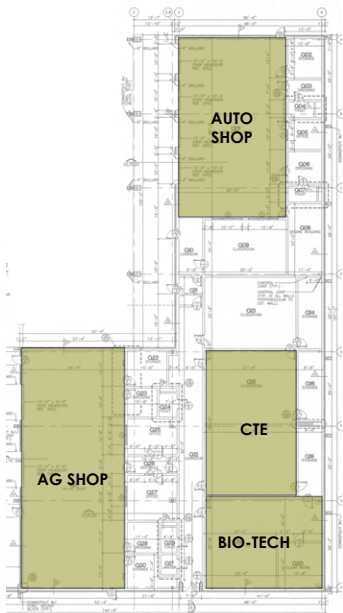


CTE PORTABLES

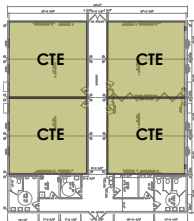
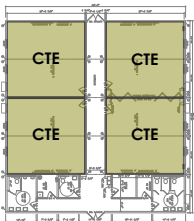


FIRST FLOOR PLAN

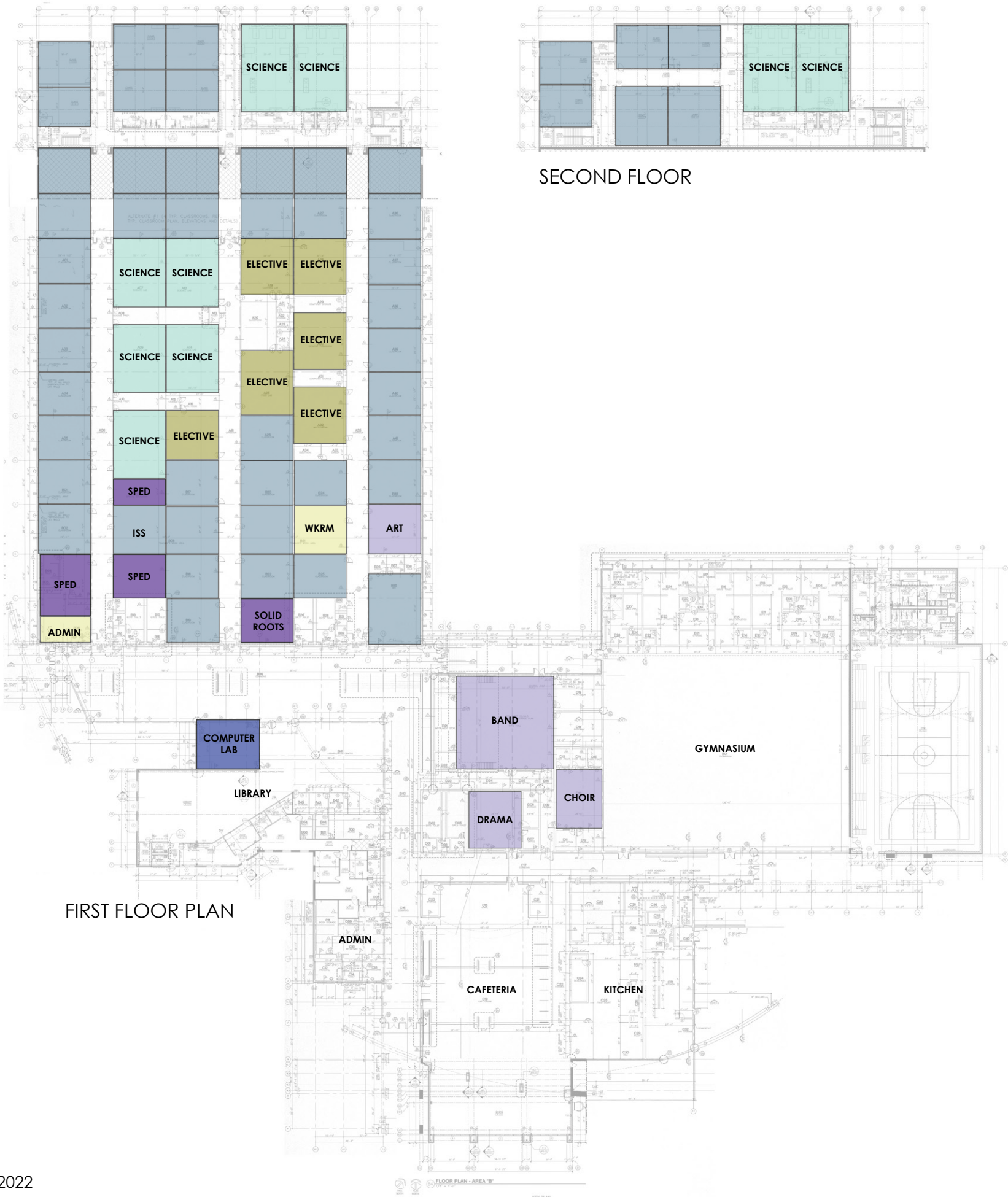
ELGIN HIGH SCHOOL: existing teaching spaces



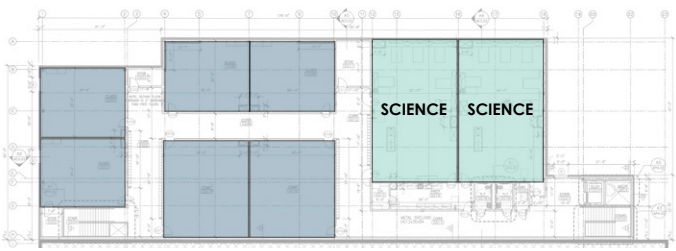
CTE BUILDING



CTE PORTABLES



FIRST FLOOR PLAN

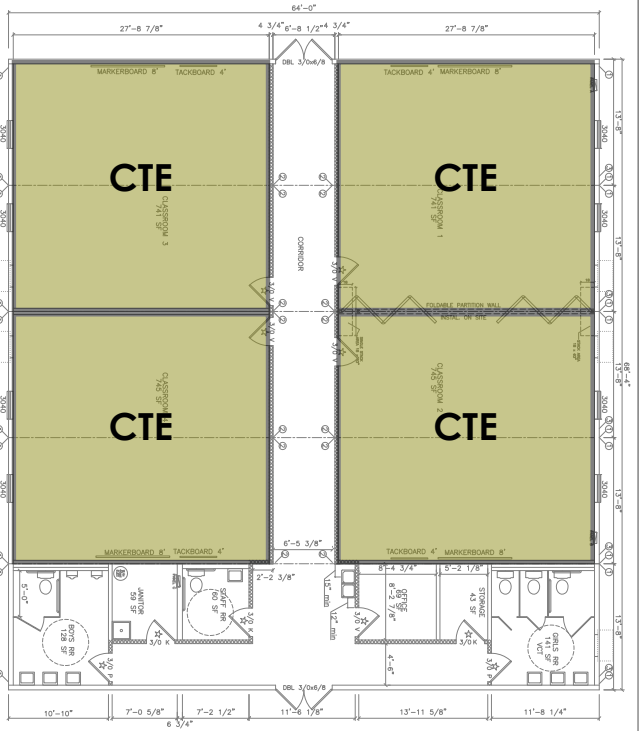
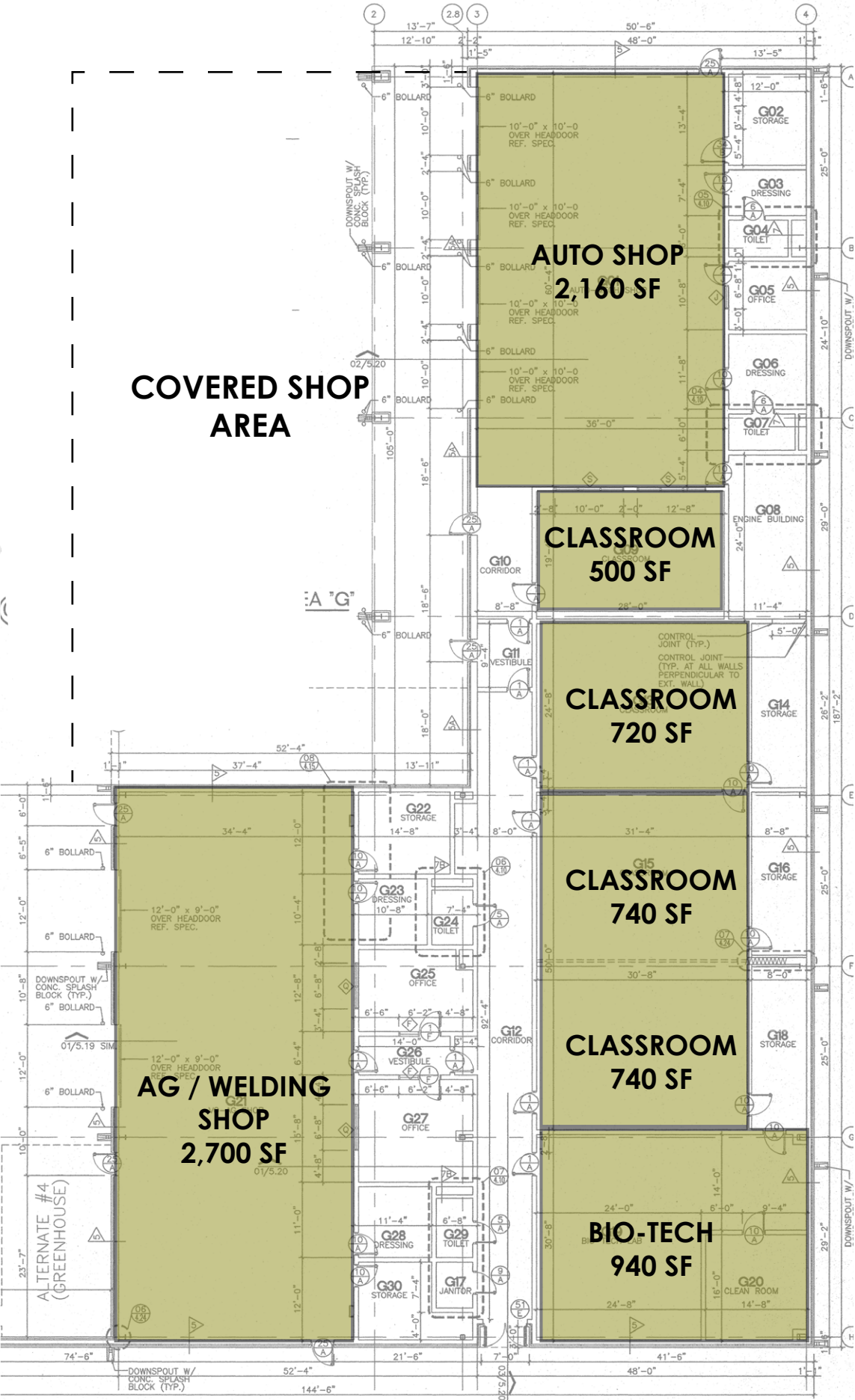


SECOND FLOOR

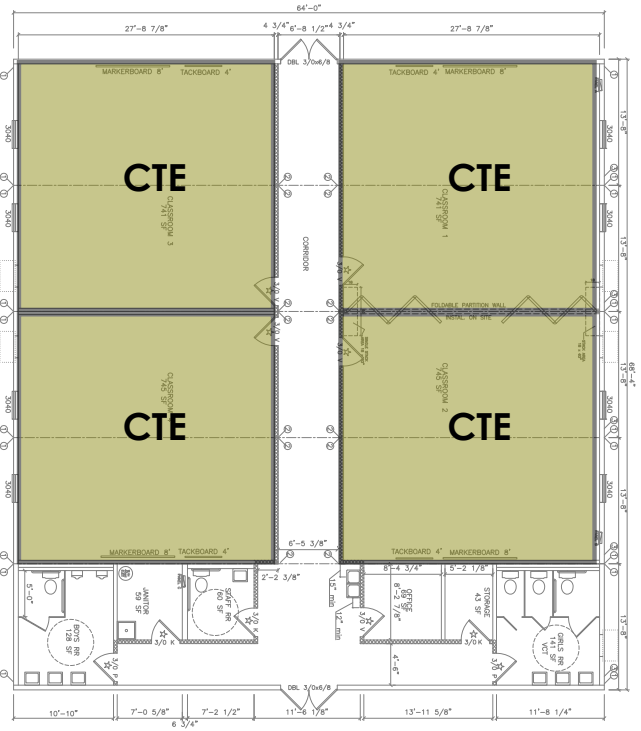
- 48 GENERAL CLASSROOMS
- 9 SCIENCE LABS
- 1 COMPUTER LAB
- 1 ART LAB
- 18 CTE/ ELECTIVES

Note: some classroom spaces might be currently used for resource, special ed or teacher workroom spaces; need to verify with campus.

ELGIN HIGH SCHOOL: EXISTING CTE SPACES



CTE PORTABLE



CTE PORTABLE

ELGIN HIGH SCHOOL: possible CTE additions

Current CTE Programs offered at EHS:

- Animal Science
- Automotive
- Business Management
- Design & Multimedia Arts/ EHS Yearbook
- Digital Communications
- Healthcare Diagnostics (classes are in typical classrooms, would like more hands-on learning environment)
- Healthcare Therapeutic (classes are in typical classrooms, would like more hands-on learning environment)
- Law Enforcement
- Plant Science
- Programming & Software Development
- Teaching and Training
- Ag-Tech/Welding (P-Tech Early College) currently about 140 students

Possible CTE programs for new additions:

- Teaching and Training: currently in EHS portable (functional, but will need to be relocated)
- CMT, phlebotomist: currently requires travel to Austin for these programs
- Ag-Tech/Welding: space is over capacity
- Automotive (160 students); could Automotive be in new facility, Auto Tech Center?
 - Not enough RR's in current Automotive space
- EISD looking at adding Construction/ HVAC Program
- Business Management: would want incubator labs and collab space, not typical lab function design
- ROTC (currently a standalone program)

Partnering programs with ACC need to have a Higher Ed feeling to them with NextGen, collaborative and commons areas similar to a college campus

Priorities set from Programming Meeting in order of priority:

- Move Auto Tech to new expansion
- Expand Welding to existing Auto Tech Shop
- Health Science program: phlebotomy, Certified Nurse Assistant, Physical Therapy Assistant, EMT
- Construction / HVAC program

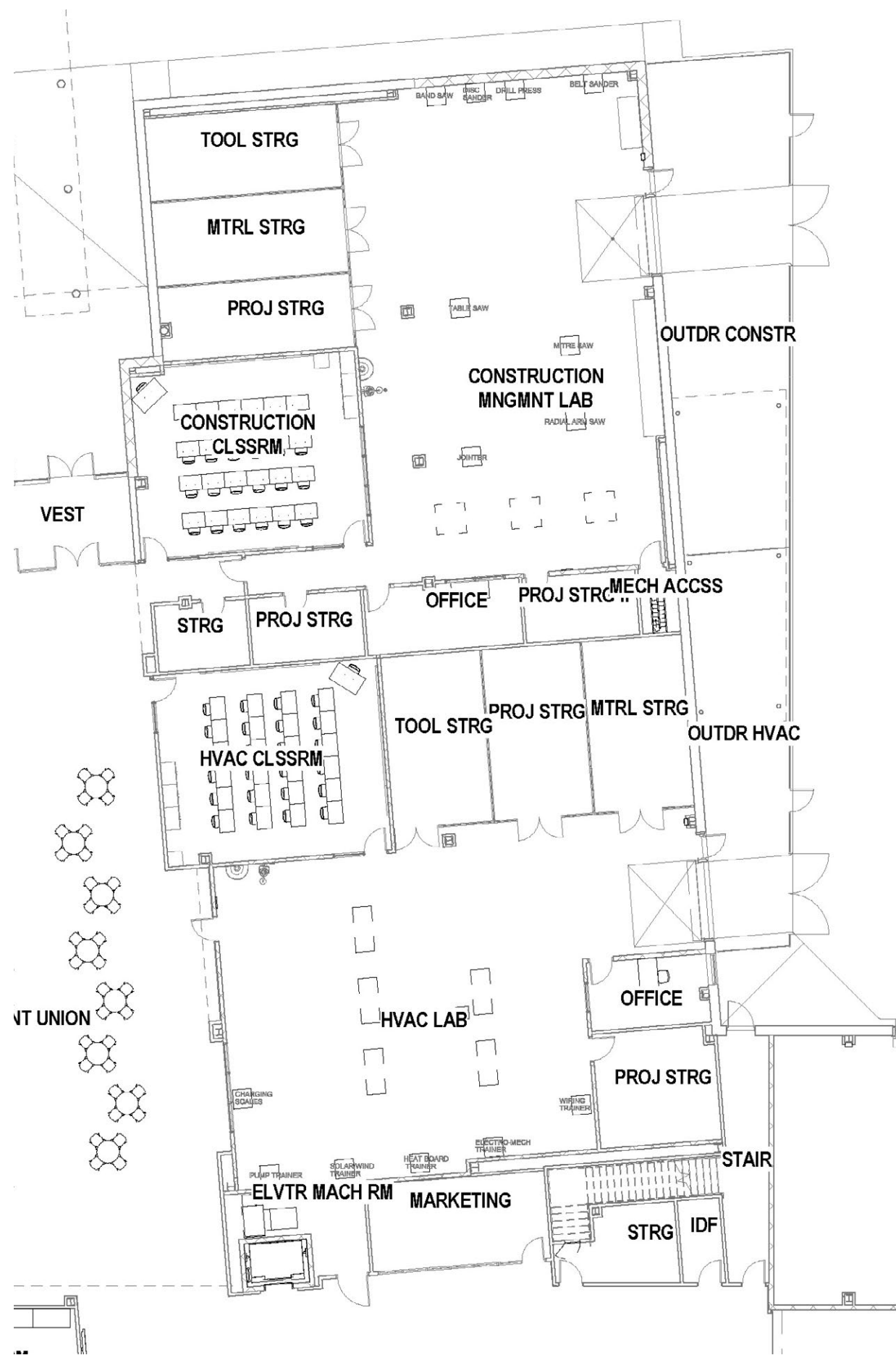
Program Review

ELGIN HIGH SCHOOL: CTE DRAFT PROGRAM OF SPACES

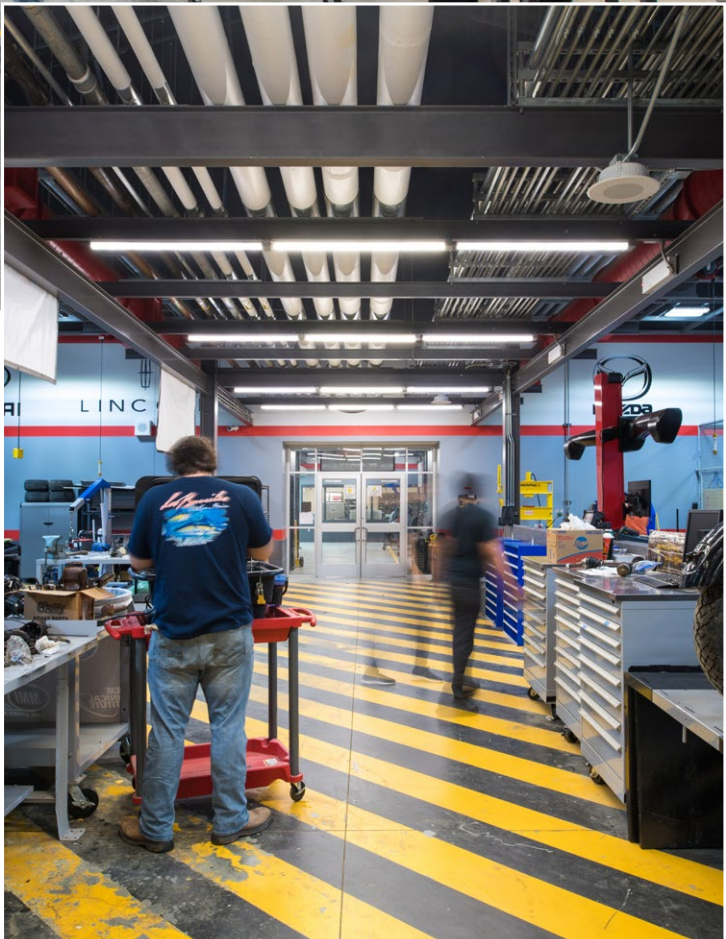
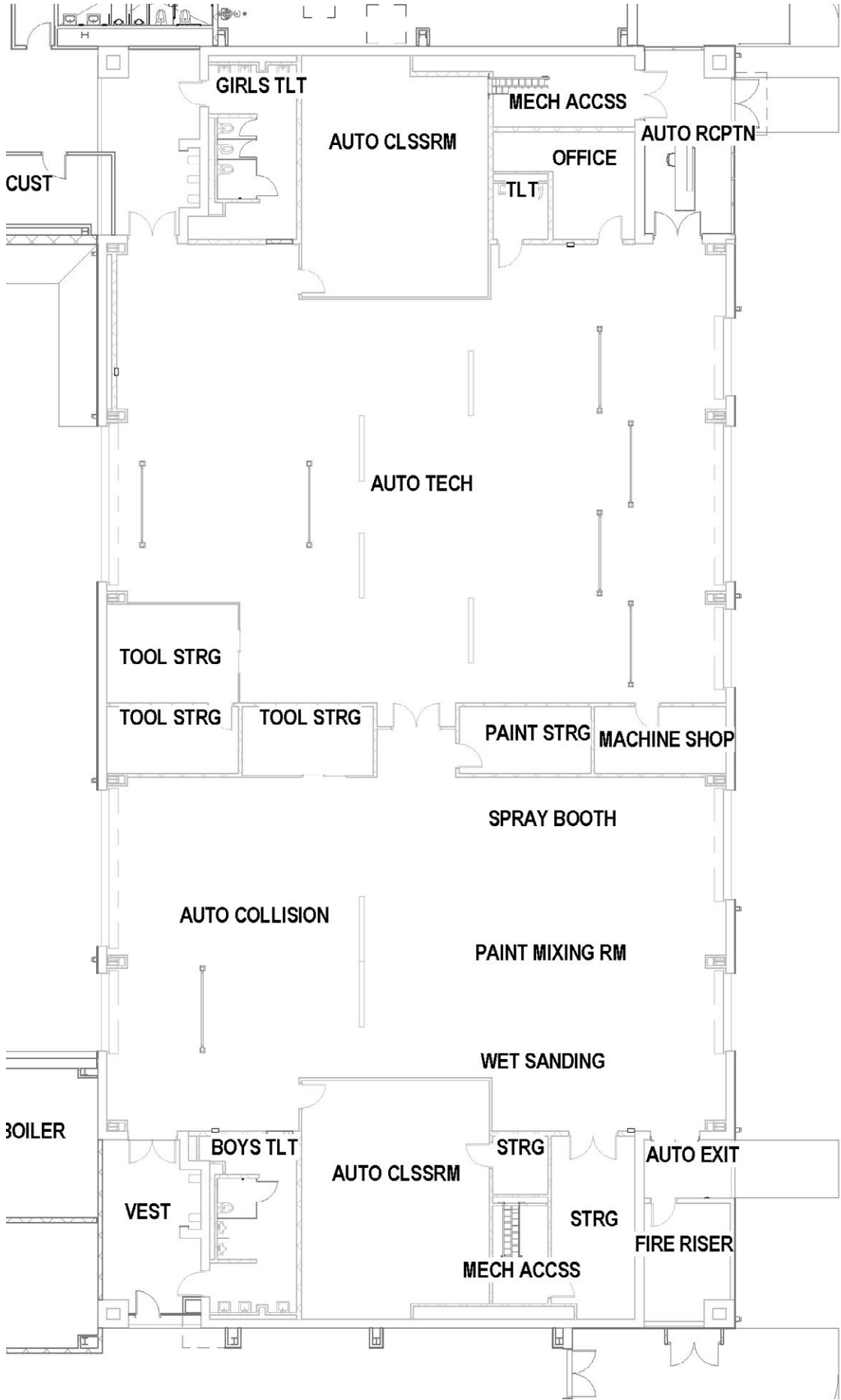
Space / Function	Quantity	SF/Unit	Total NSF	Notes
New CTE Additions				
CMT Health Lab				
Lab Space	1	2,000	2,000	Phlebotomist, EMT, CNA, PTA
Classroom	1	800	800	
Office	1	175	175	
Storage	1	300	300	
CNA Simulation Toilet	1	140	140	
CNA Simulation Room	1	250	250	
Total Net CMT Health			3,665	
Construction / HVAC				
Construction/ HVAC Lab	1	2,000	2,000	ideal to have 2 labs?
Classroom	1	800	800	
Office	1	175	175	
Tool Storage	1	200	200	
Material Storage	1	300	300	
Outdoor Work Area	1			Adjacent to Lab
Total Net Construction / HVAC			3,475	
Automotive Lab				
Auto Tech Shop	1	3,800	3,800	3 work bays, 1 paint bay
Classroom	1	800	800	
Office	1	175	175	
Engine Room	1	275	275	
Parts Storage	1	175	175	
Tool Storage	1	100	100	
Lockers	1	200	200	
Boys Dressing	1	140	140	
Girls Dressing	1	140	140	
Total Net Automotive			5,805	
Building Support				
Student Restrooms	2	250	500	
Staff Restroom	3	80	240	
Custodial Closets	1	150	150	
Electrical Rooms	1	120	120	
IDF Rooms	1	150	150	
Total Net Building Support			1,160	
Total Net CTE Additions			14,105	
Circulation / Walls			4,232	30% (subject to change)
Total Gross Square Feet CTE			18,337	

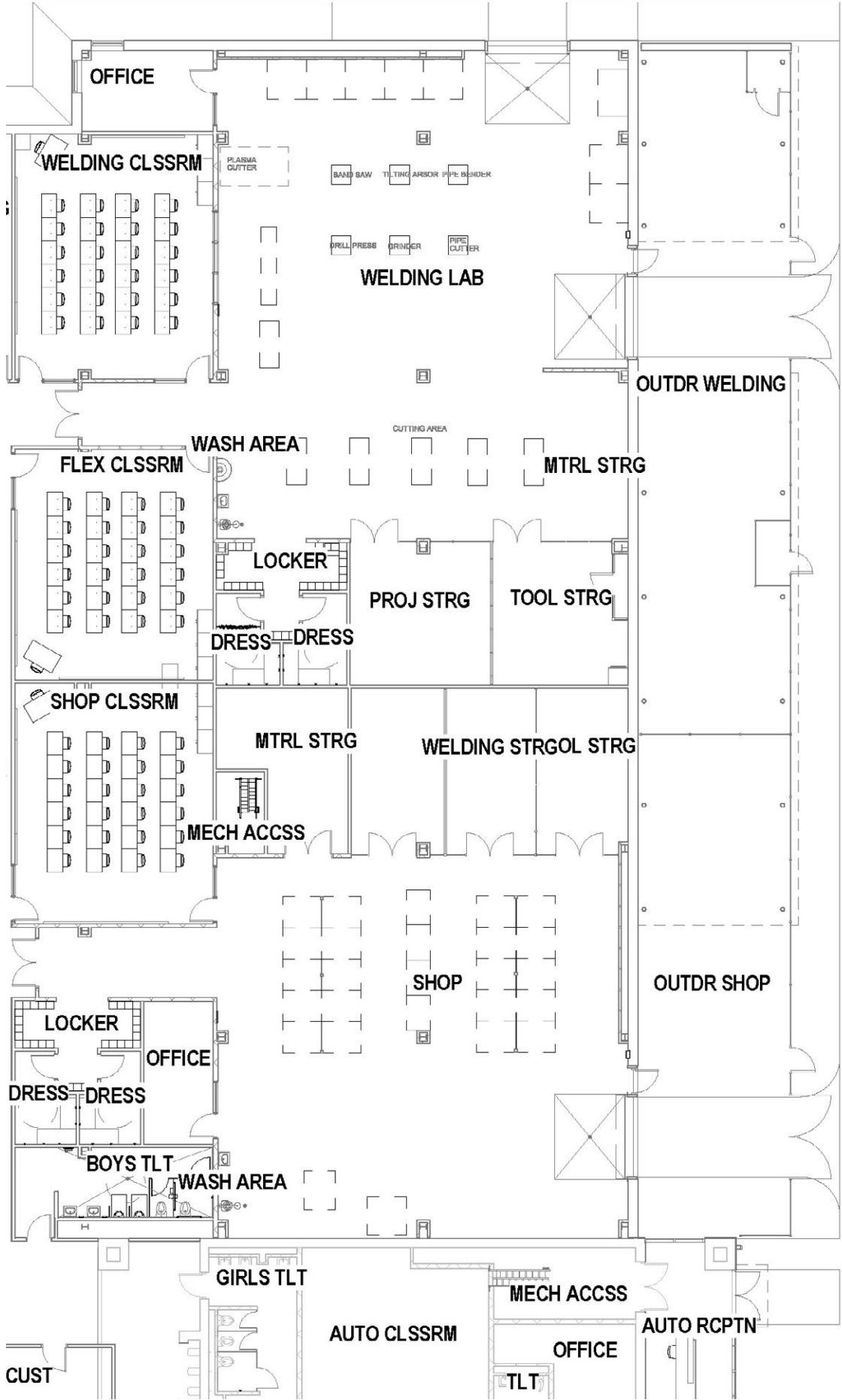
TOUR OF INDUSTRY

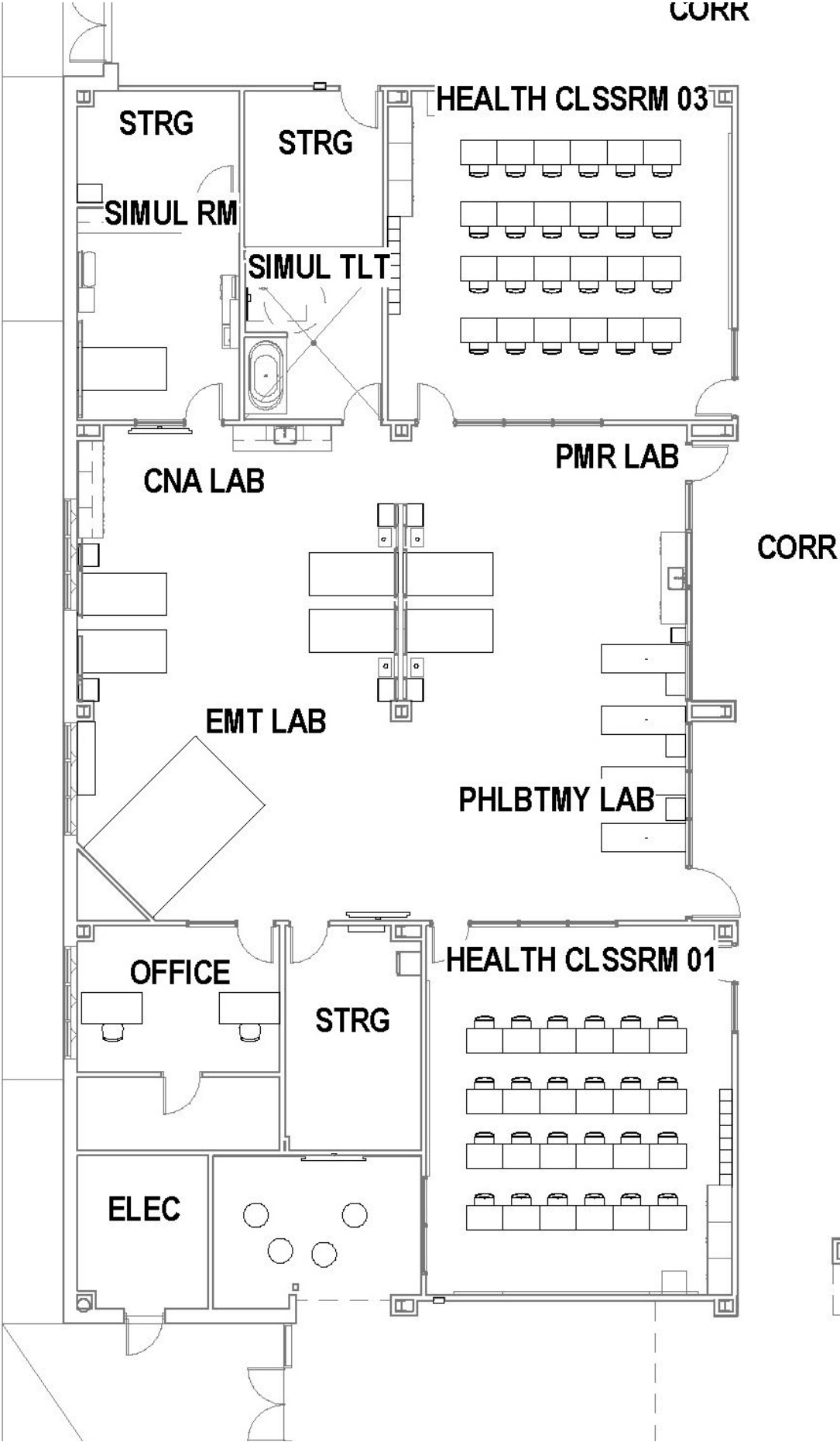
CTE Spaces











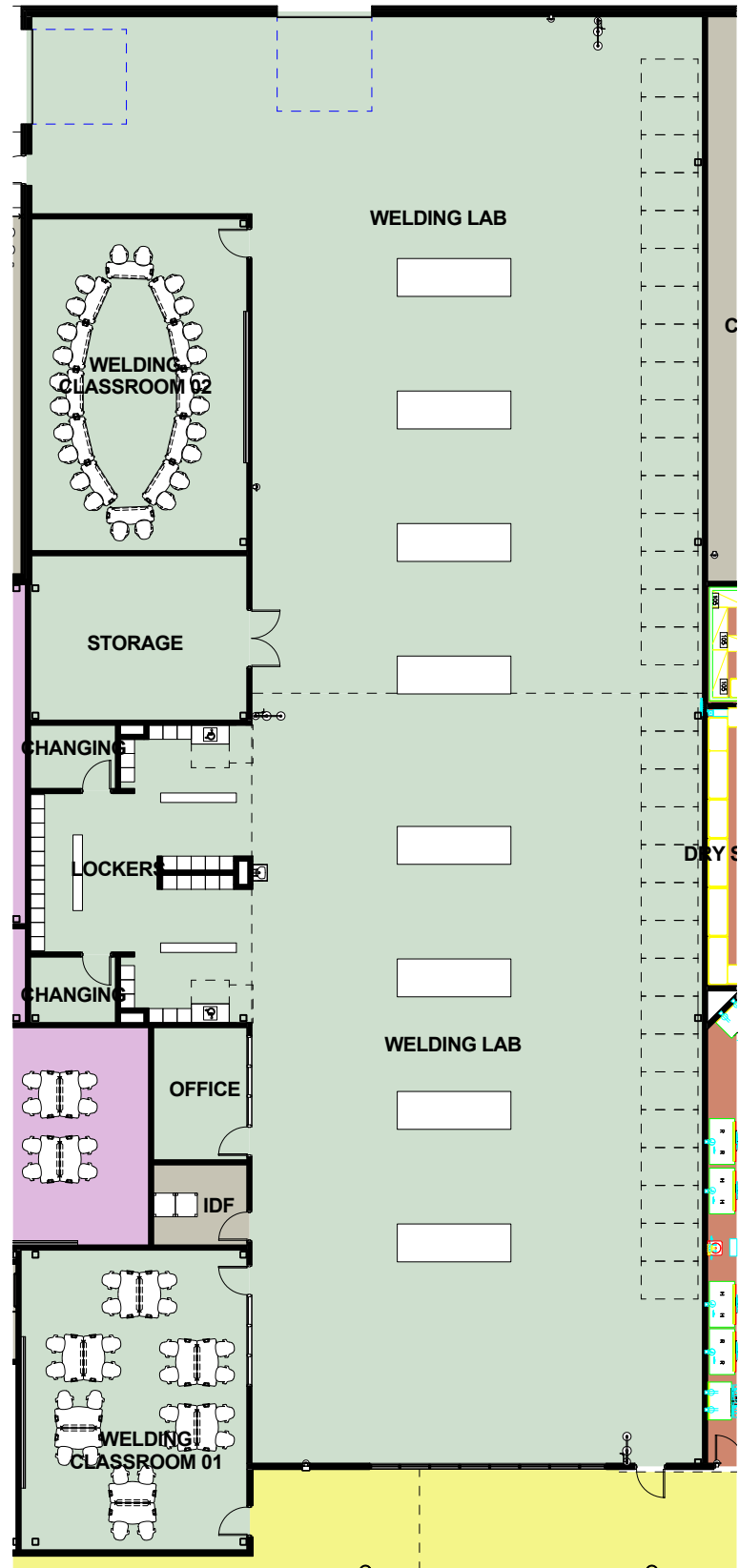
ALIEF ISD: CENTER FOR ADVANCED CAREERS



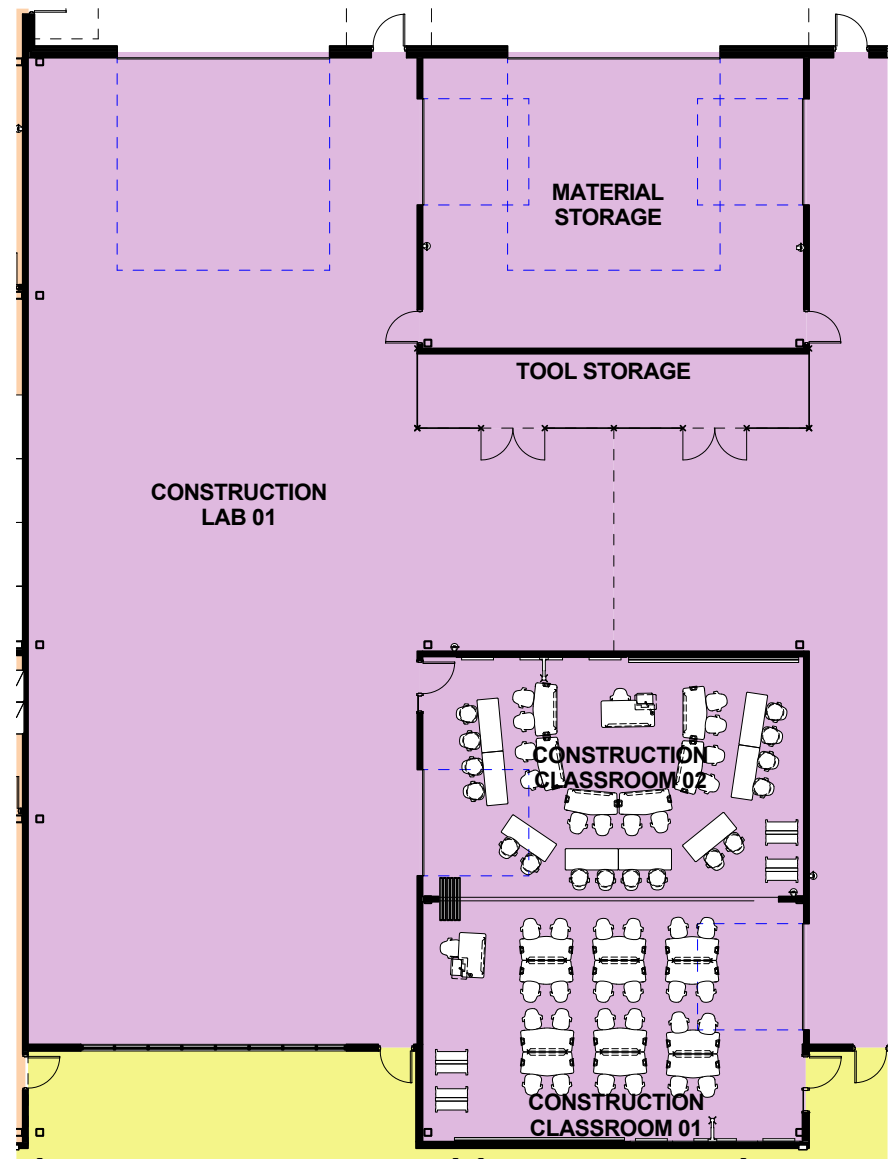
ALIEF ISD: CENTER FOR ADVANCED CAREERS



AUTO TECH



WELDING



CONSTRUCTION

ALIEF ISD: CENTER FOR ADVANCED CAREERS



ALIEF ISD: CENTER FOR ADVANCED CAREERS



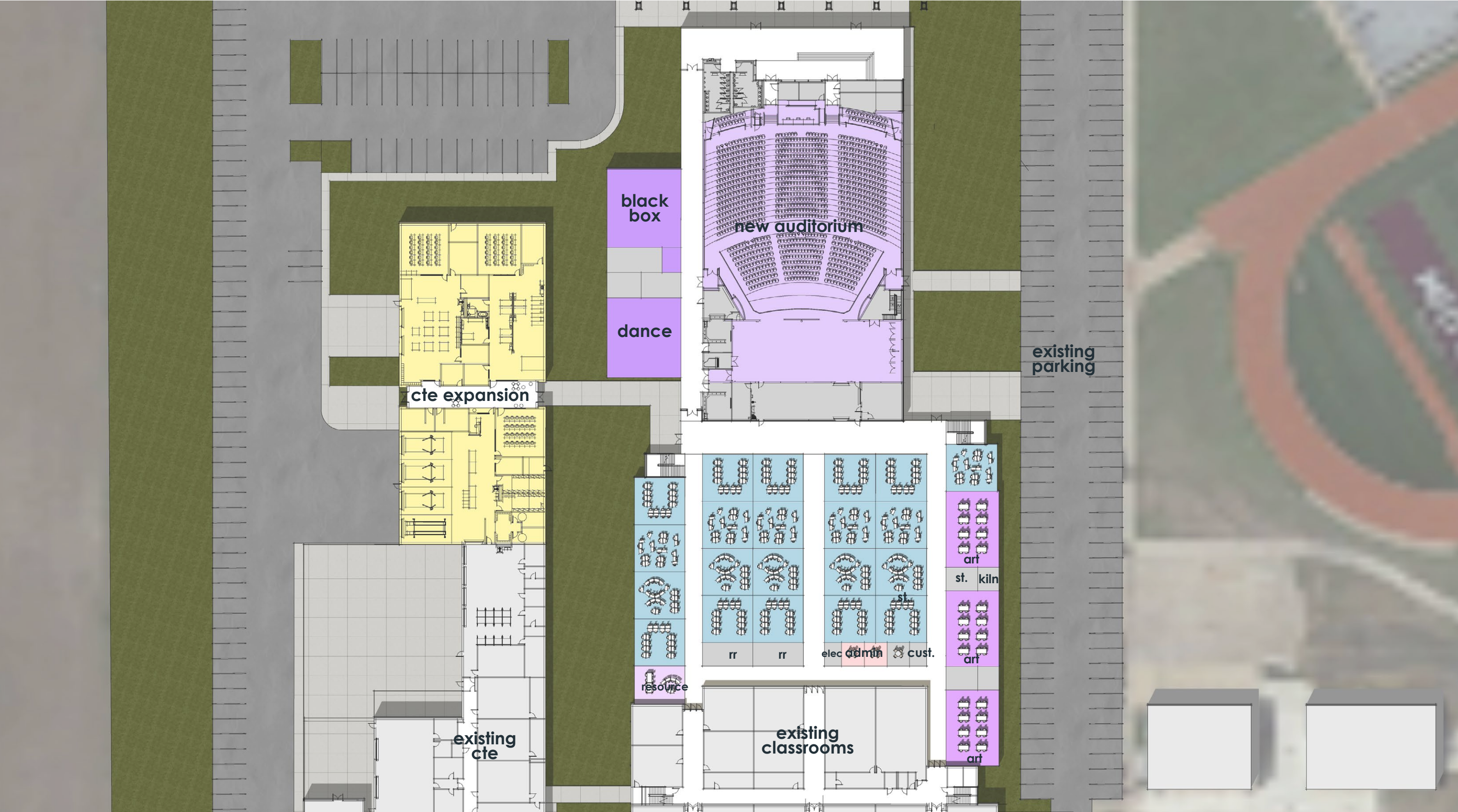
classroom floor plan concepts

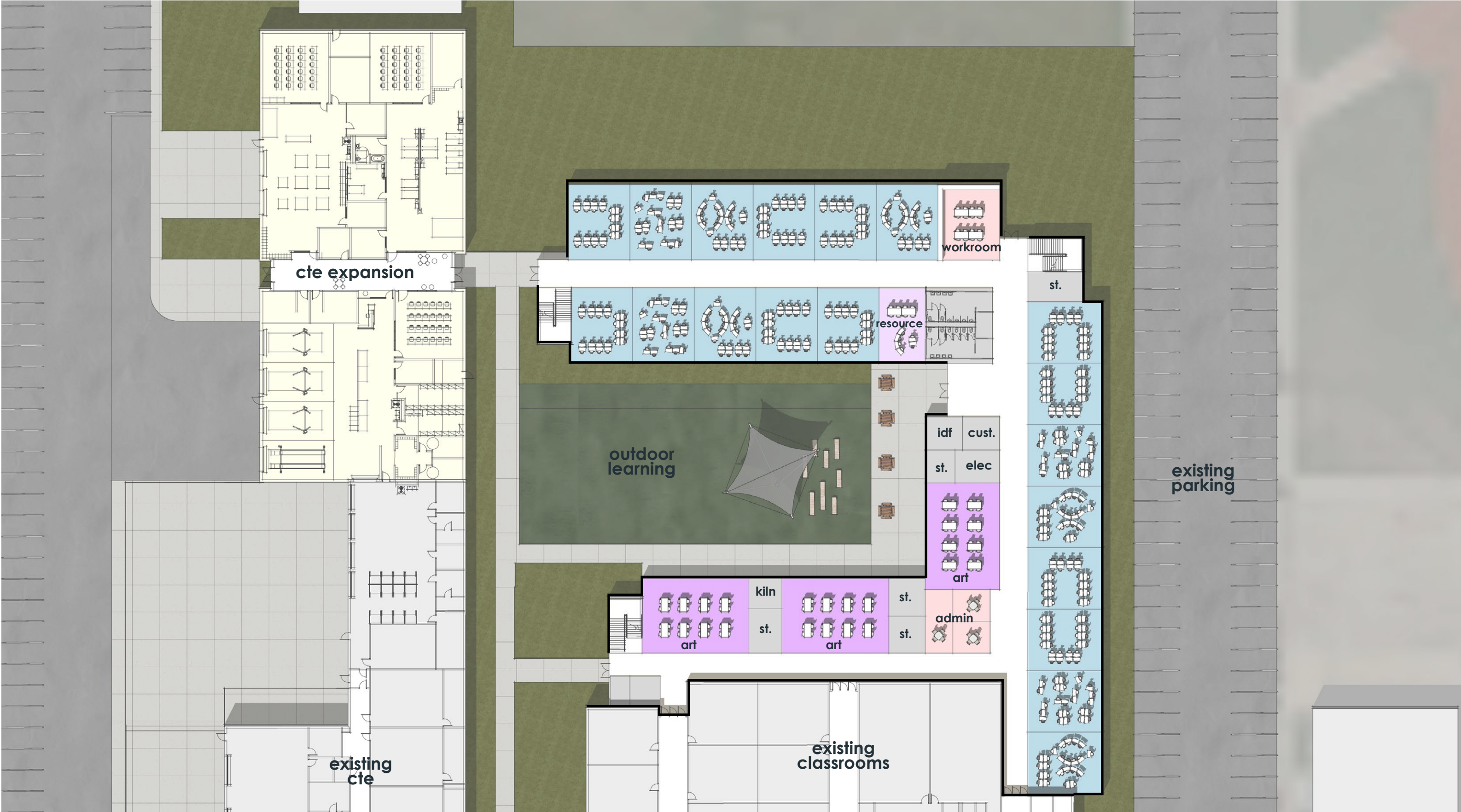
OVERALL SITE PLAN: CONCEPT 1



OVERALL SITE PLAN: CONCEPT 2









CTE EXPANSION: CONCEPT FLOOR PLAN

FIRST FLOOR PLAN





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thank you!