

REBUILDING DPSCD

BRICK

BY BRICK



**Davis Aerospace High School
City Terminal Renovation Design Update**

APR
24

Coleman A. Young International Airport

11499 Conner Detroit, MI 48215

5:30 PM – 6:30 PM

FACILITY MASTER PLAN
**ENGAGEMENT
MEETING**

DETROITK12.ORG/FMP



Meeting Agenda

1. Welcome & Introductions
2. FMP Overview & Engagement
3. Project Overview & Site Plan
4. School Layout in Terminal
5. Design Updates
6. Questions & Answers

Q & A Process



FACILITY MASTER PLAN *Meeting*
QUESTION CARD



FACILITY MASTER PLAN *Meeting*
FEEDBACK CARD

Meet the Capital Projects Team



Machion Jackson
Deputy Superintendent of
Operations



Cleveland "Mike" Simmons
Executive Director of
Facilities & Capital Projects



Kidest Albaari
Deputy Executive Director of Capital
Projects



Chatoris Jones
Senior Director of Operations

Meet Your Owner's Representatives



Nicole Blocker
Plante Moran
Realpoint
Program Manager



Ahmed Beasley
Plante Moran Realpoint
Project Manager



Kim Dokes
Dokes Design
Architecture LLC
Project Manager



Salam Rida
Dokes Design
Architecture LLC
Project Manager



David Esparza
AECOM
Project Manager



Tarolyn Buckles
Onyx Enterprises
Project Manager



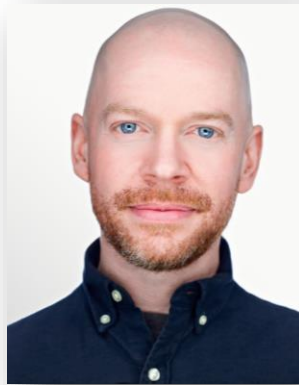
Meet Your Design & Construction Team



**Sandra Little
Quinn Evans**
Principal and Director of
Diversity, Equity, and Inclusion



**Damon Thomas
Quinn Evans**
Project Manager, Architect



**Brandon Friske
Quinn Evans**
Project Architect



**Diamonique
Thomas
Quinn Evans**
Staff Designer

**QUINN
EVANS**



**Stephanie Corona
Gilbane**
Project Executive



**Amro Amro
Gilbane**
Project Executive



**Aaron Mayes
Gilbane**
Sr. Project Manager



**Michelangelo Cereghino
KEO Associates**
Director of Construction

Gilbane
Gilbane Building Company

KEO
KEO & ASSOCIATES, INC.

Facility Master Plan (FMP) Implementation Strategy Overview



Series 1 Managed by PMR	Series 2 Managed by PMR	Series 3 Management Capital Team/PMR	Series 4 Management Capital Team	Series 5 Management PMR	Series 6 Management PMR
8 Schools Impacted	10 Schools Impacted	38 Schools Impacted	5 Schools Impacted	19 Schools Impacted	50 Schools Impacted
SCOPE: New Buildings, Additions, Program Moves & Demolitions	SCOPE: Program Moves, Building Reactivations & Alternative Campus	SCOPE: Pre-K Expansion & Pre-K Centers	SCOPE: Demolitions	SCOPE: New Buildings, Reactivations, Addition, & Major Renovations	SCOPE: Building Renovations
\$202,000,000 INVESTMENT TOTAL	\$12,350,000 INVESTMENT TOTAL	\$13,634,959 INVESTMENT TOTAL	\$11,000,000 INVESTMENT TOTAL	\$306,667,733 INVESTMENT TOTAL	\$153,939,173 INVESTMENT TOTAL
PROJECT START: Summer 2022	PROJECT START: Summer 2022	PROJECT START: Summer 2022	PROJECT START: Summer 2022	PROJECT START: Summer 2023	PROJECT START: Fall 2024



PROGRAM COMPARISON

CURRENT

Building	SF	Students	Capacity
Davis Aero	132,700	200	N/A

BOARD APPROVED

Building*	SF	Student Capacity	Construction Budget
Davis Aero	40,000	200	\$14,600,000

SCHEDULE OVERVIEW*

Planning	Start: April 2023	Complete: April 2024
Design / Bidding	Start: April 2024	Complete: March 2025
Construction	Start: August 2025	Complete: August 2026*

*Estimated Hard Construction Cost and Schedule subject to verification based on current market conditions and City Airport Terminal Operations / FAA Relocations.



Previous Engagements

Design Ambassador Meetings: 12
School Engagement Meetings: 3
Page Turn: 2
City Airport and City Coordination: 5
Owner, Architect, Construction Meetings: 55

- Procure Architect/Engineering Firm – **March 2023**
- Procure Construction Management Firm – **May 2023**
- School Introduction & Pre-Planning – **May 2023**
- **Planned Engagement Dates – May 2023 – Spring 2025**
 - *Community*
 - *School Design Committee*
 - *Detailed Programming Sessions*
- Scheduled Renovation & Relocation – **Summer 2026**
- New Building Opening – **Fall 2026**
- Old Building Demolition – **Fall 2026**

REBUILDING DPSCD



Project Overview & Site Plan

PROJECT OVERVIEW

INTRODUCTION TO DAVIS AEROSPACE HIGH SCHOOL ADAPTIVE REUSE

Adaptive reuse, also called architectural reuse or building reuse, is the practice of re-purposing an old building for a new use.

In this approach, construction teams repair, rebuild, or refurnish much of the inside of a building but leave the exterior largely unchanged. The building to be renovated is the Coleman A. Young International Airport (CAYIA) Terminal. This existing structure will change use per the Michigan Building Code from Assembly (A Use Group) to Educational (E Use Group) for the Davis Aerospace High School.

Special Features:

3 CTE Programs: CTE Drone | CTE Flight Maintenance | CTE Flight Training

Current Student Enrollment: *120 Students in Golightly & Davis Aerospace High School*

Current CTE Program: *19 Students (4 repair; 15 Flight Simulation)*

Proposed Capacity: *200 Students*

Total Budget: *\$14.6 Million*

Existing Square Footage of CAYIA Terminal

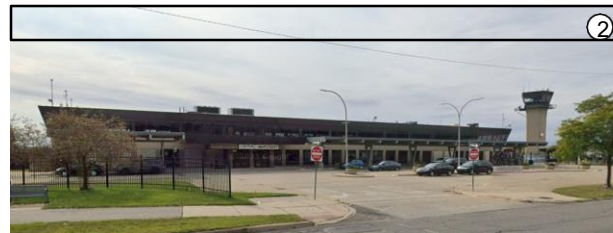
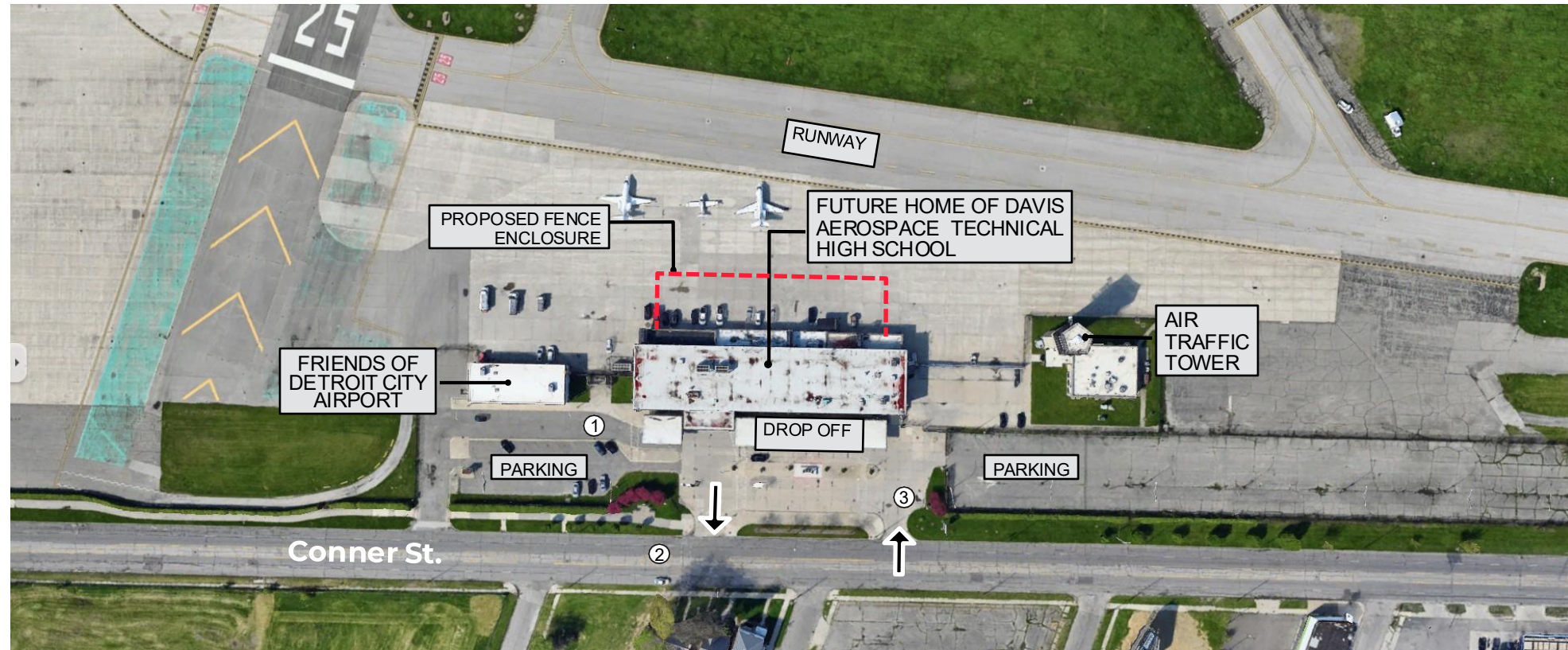
Lower Level = 15,800 SF | Level 01 = 20,850 SF | Level 02 = 16,150 SF | Total SF = **52,800 SF**

Proposed Square Footage

Administrative Spaces:	4,045 SF
Health Suite:	300 SF
Core Academic:	11,670 SF
Instructional Media Center:	1,810 SF
Physical Education:	2,530 SF
Food Service and Dining:	2,810 SF
Career and Technical Education:	9,835 SF
Building Support:	8,190 SF


Total SF = **41,190 SF**

SITE MAP



AERIAL MAP VIEW



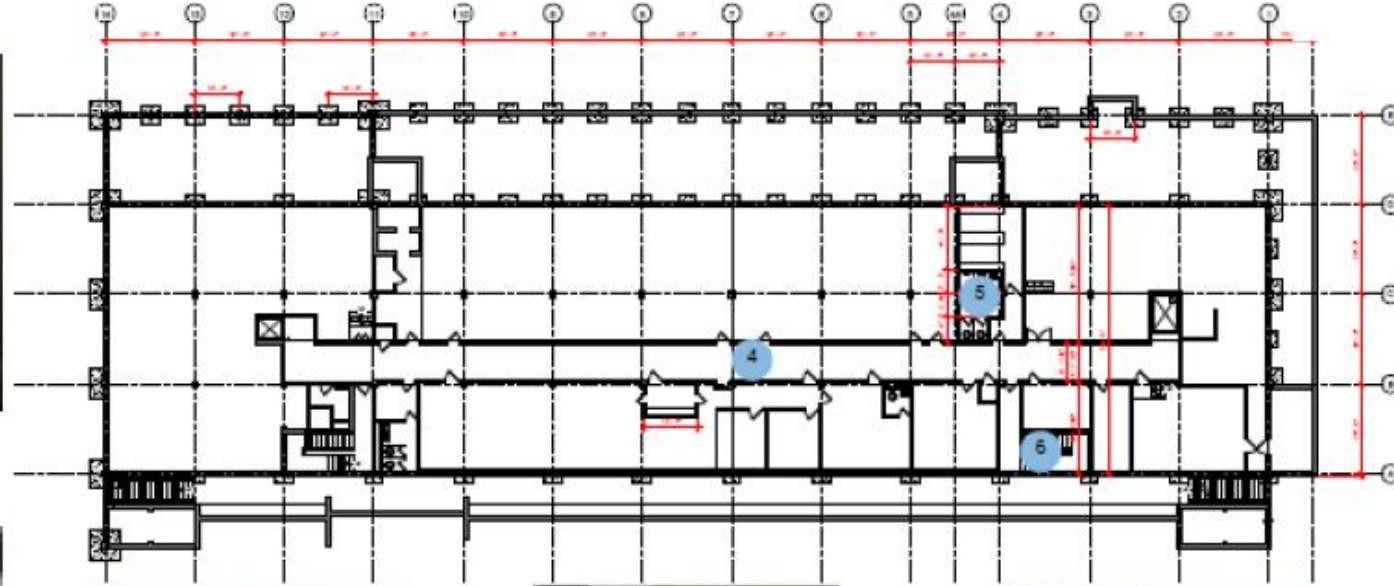
 INDICATES BUS STOP LOCATION

COLEMAN A. YOUNG
INTERNATIONAL AIRPORT
11499 CONNER ST.
DETROIT, MI 48213

Total SF = 52,800 SF
Student capacity : 200 students

City Airport – Existing Conditions

Lower-Level Floor Plan



Water Damage - Corridor

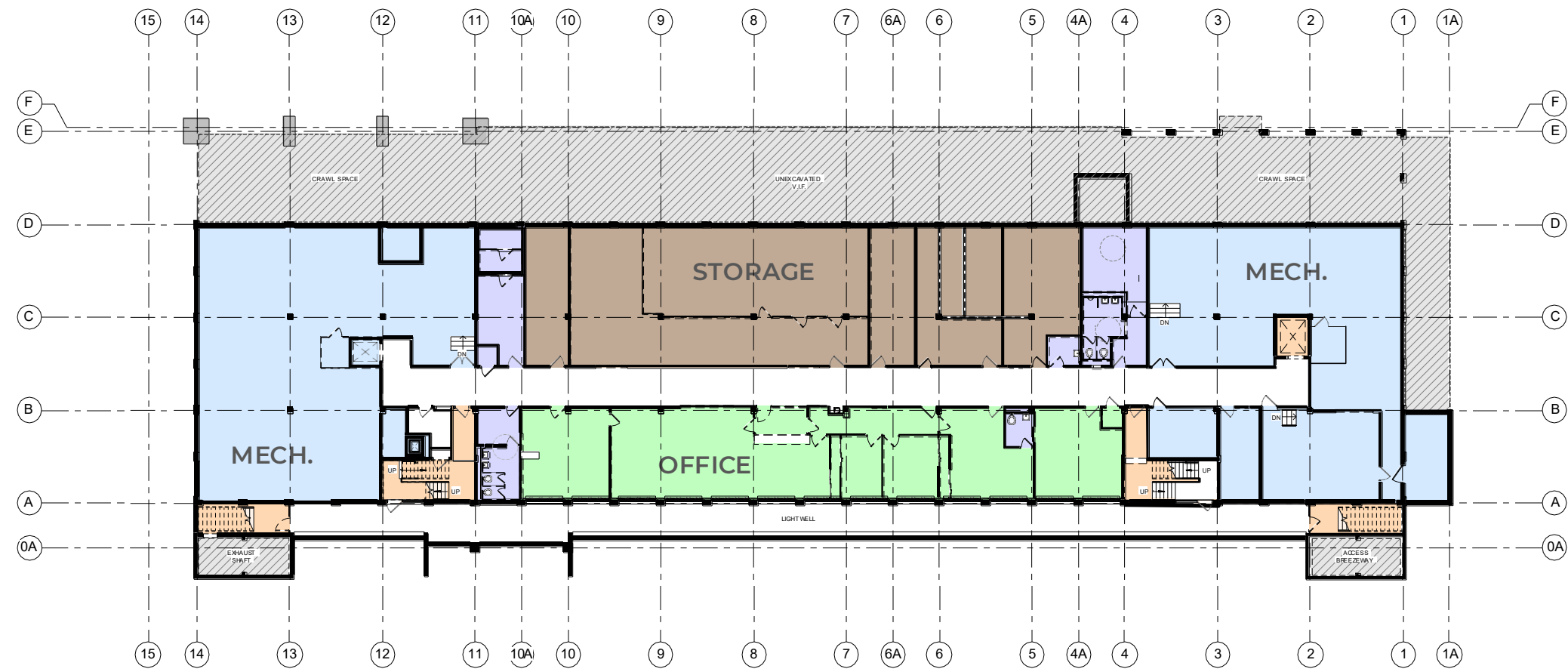


Water Damage - Restroom

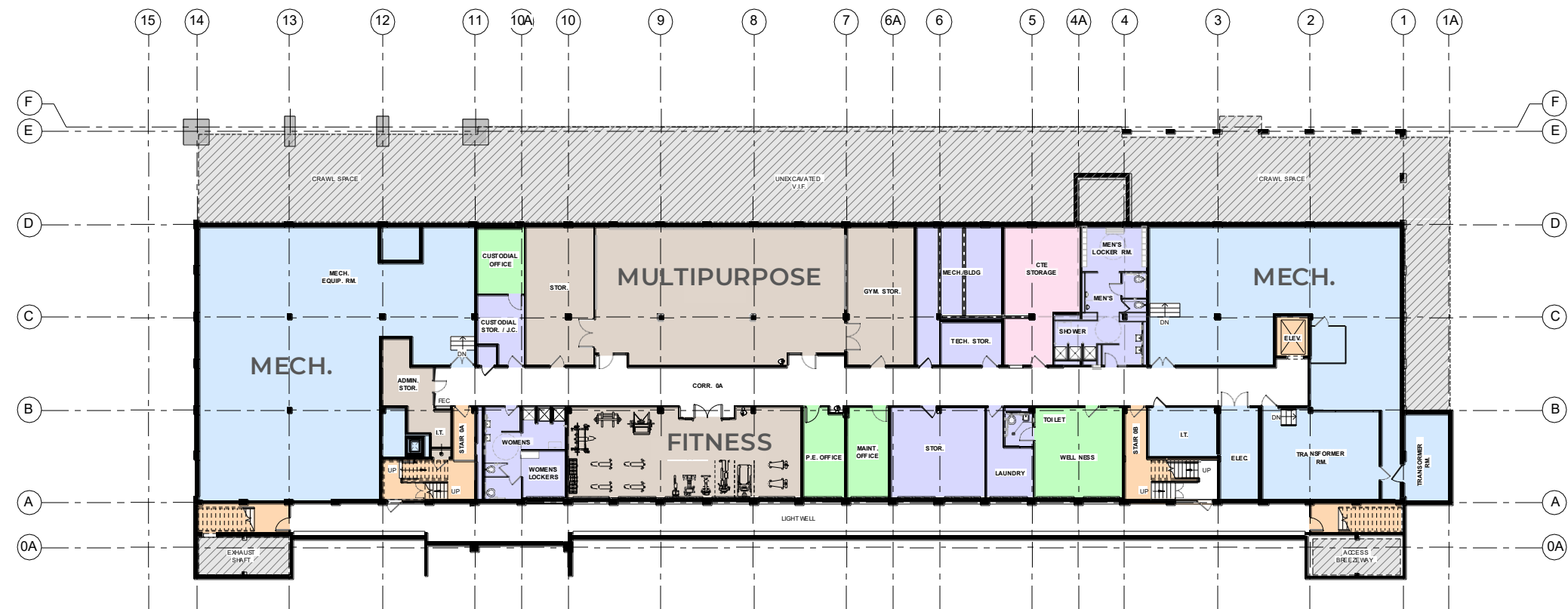


Water Damage - Stairwell

LOWER LEVEL - EXISTING TERMINAL



LOWER LEVEL – PLANNED RENOVATION



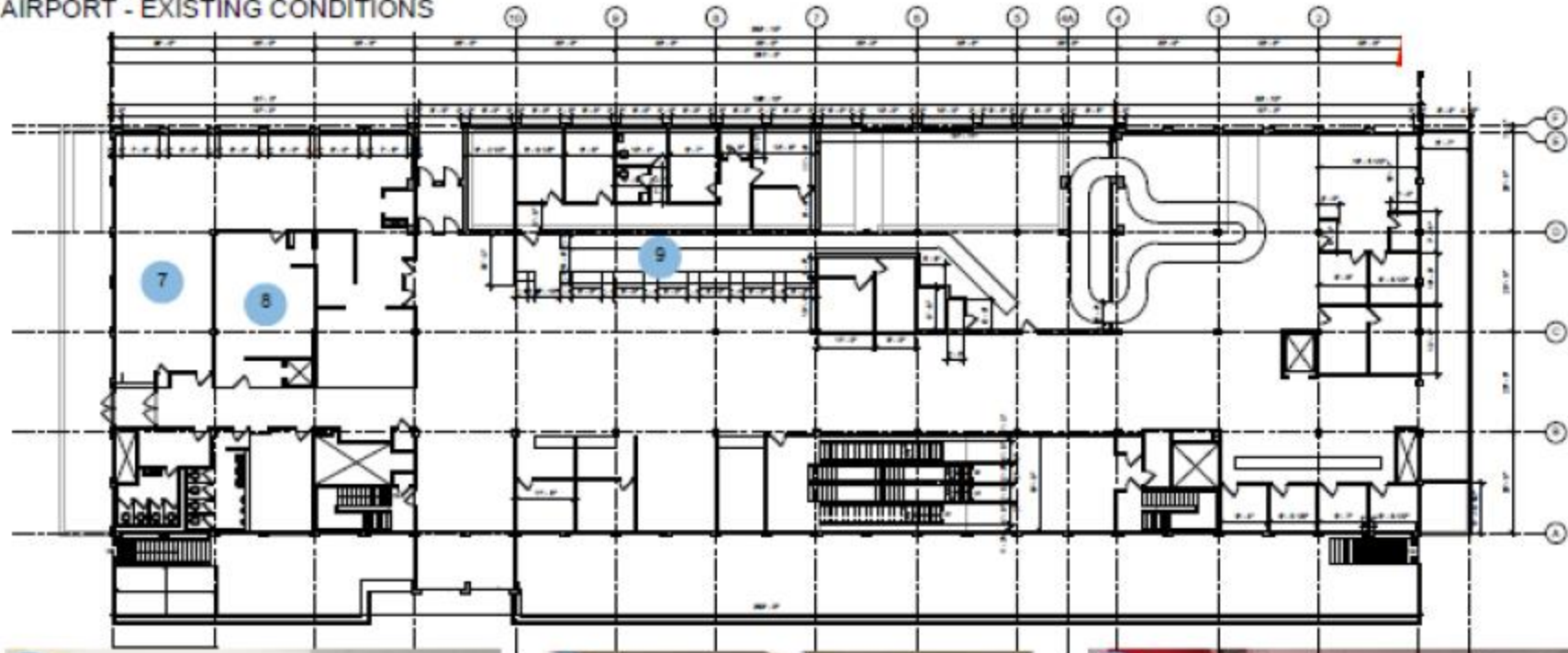
PROGRAM LEGEND

	KITCHEN / DINING		CTE CLASSROOMS / LABS		MECHANICAL		CIRCULATION
	ADMINISTRATION		CORE CLASSROOMS		BUILDING SUPPORT		

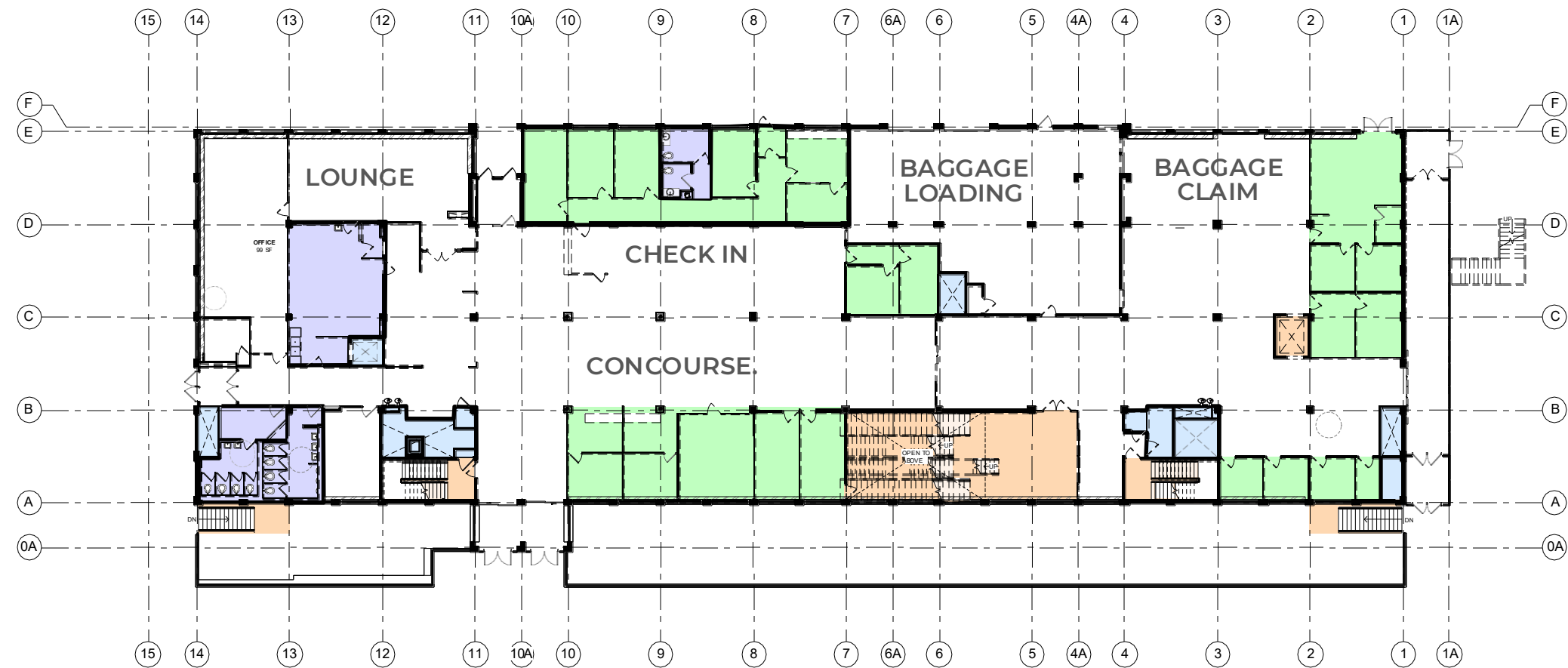
City Airport – Existing Conditions

First Floor Plan

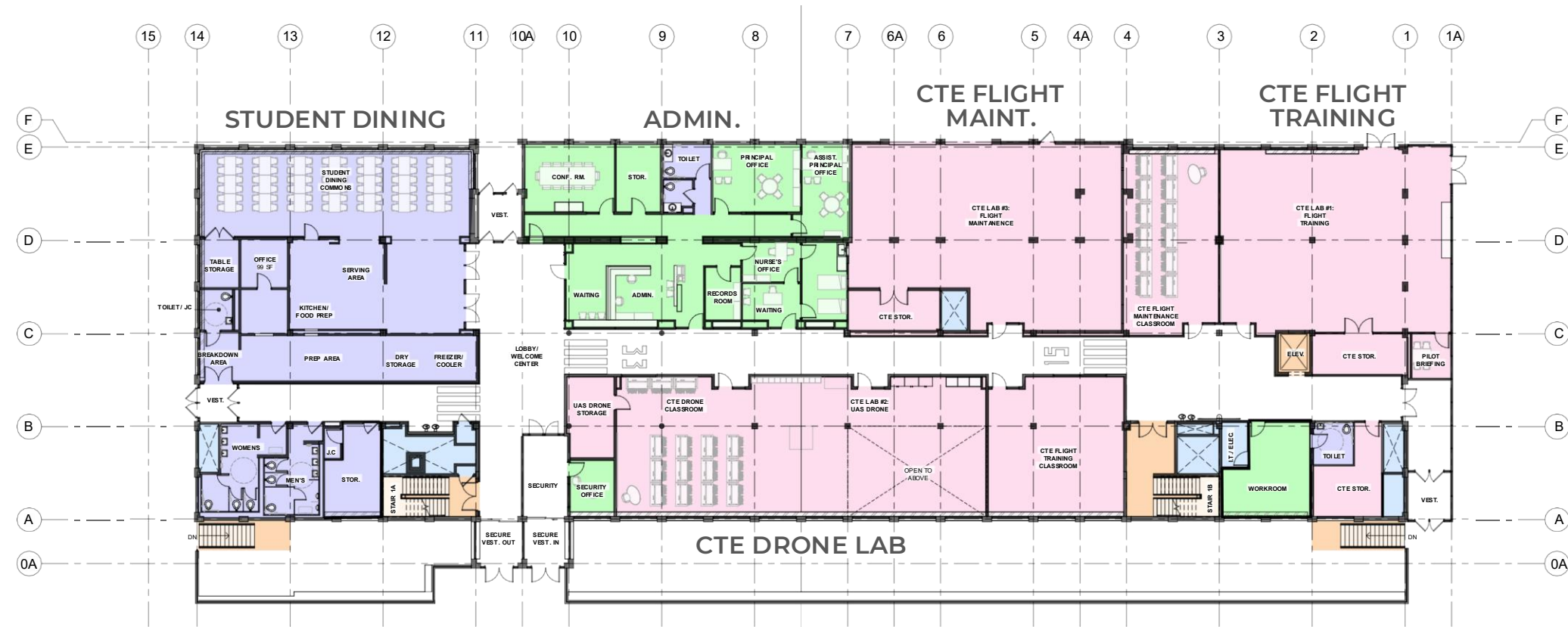
CITY AIRPORT - EXISTING CONDITIONS










LEVEL 01 - EXISTING TERMINAL



LEVEL 01 – PLANNED RENOVATION

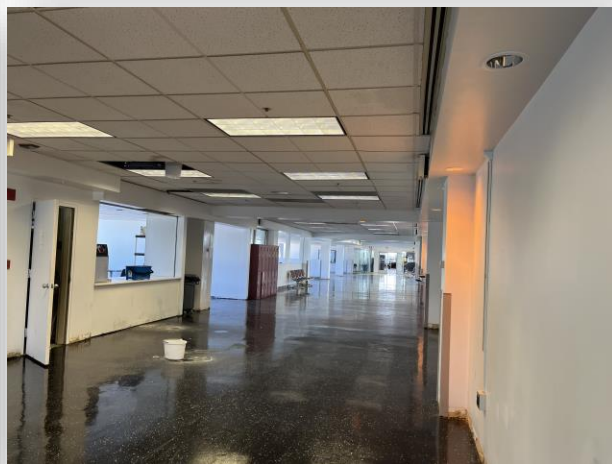


PROGRAM LEGEND

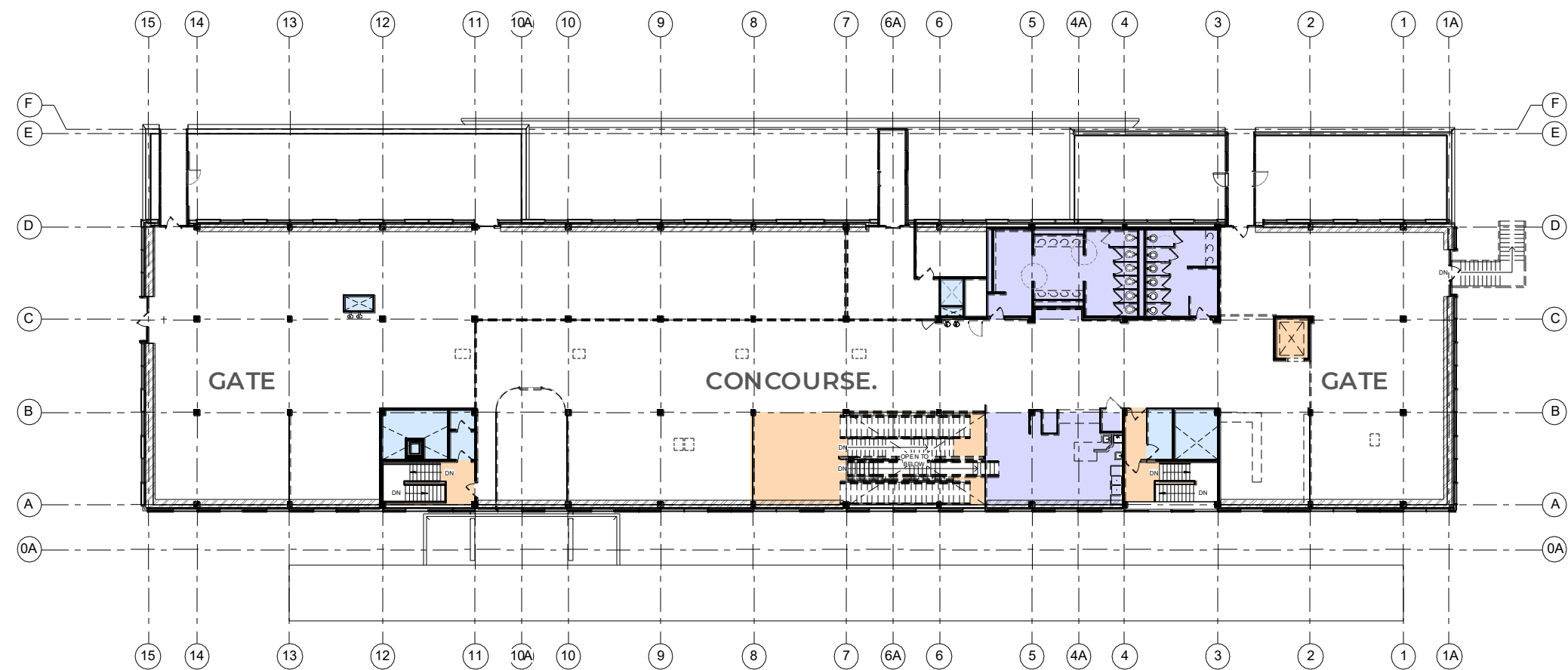
	KITCHEN / DINING		CTE CLASSROOMS / LABS		MECHANICAL		CIRCULATION
	ADMINISTRATION		CORE CLASSROOMS		BUILDING SUPPORT		

City Airport – Existing Conditions

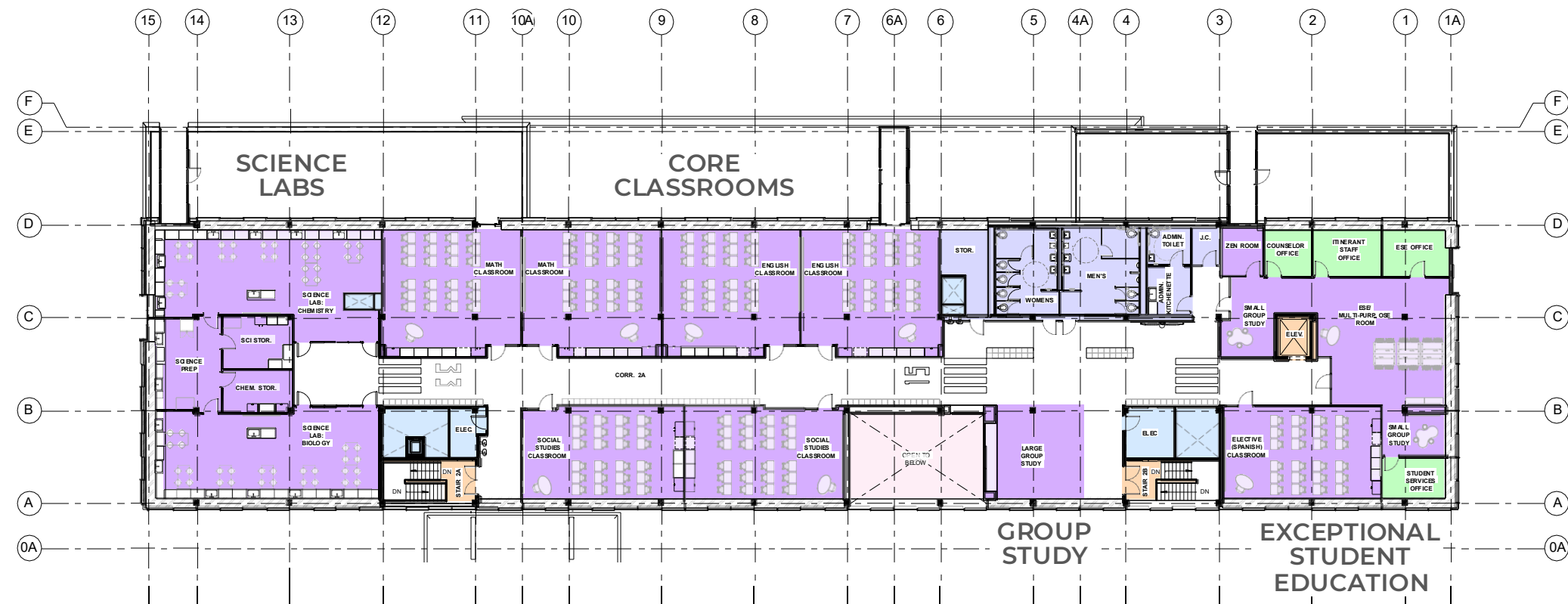
Second Floor Plan










LEVEL 02 - EXISTING TERMINAL



LEVEL 02 – PLANNED RENOVATION



PROGRAM LEGEND

	KITCHEN / DINING		CTE CLASSROOMS / LABS		MECHANICAL		CIRCULATION
	ADMINISTRATION		CORE CLASSROOMS		BUILDING SUPPORT		

REBUILDING DPSCD



Design Updates

Sc

FINISH PALETTE

Flooring



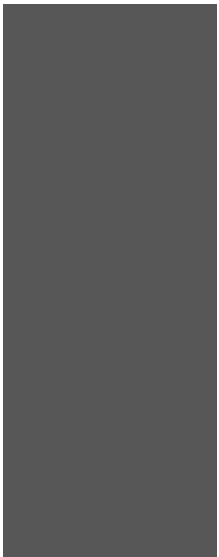
Resilient Field



Resilient Accent



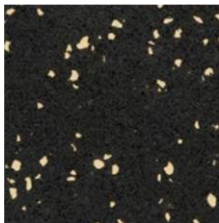
Epoxy Resin



Resilient Wall Base



Resilient @
Multipurpose



Rubber Flooring



Textile Composite
Flooring



Walk-Off Carpet
Flooring

Ceiling



2'x2'
Acoustical Ceiling Tile



Ceiling Baffles

Millwork

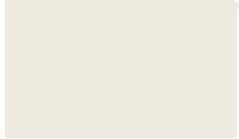


Solid Surface

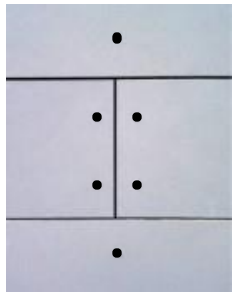


Plastic Laminate

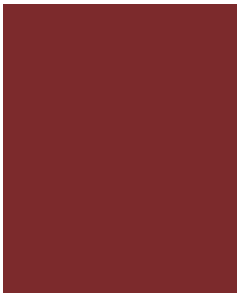
Wall Finishes



Paint Palette



Wall Panel



Accent Wall Panel

***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

LEVEL ONE - WELCOME LOBBY



***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

LEVEL ONE - WELCOME LOBBY



***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

LEVEL ONE - STUDENT DINING



***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

LEVEL ONE - STUDENT DINING



***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

LEVEL ONE - CTE DRONE LAB



***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

LEVEL TWO - CORRIDOR



***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

LEVEL TWO - CORRIDOR



***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

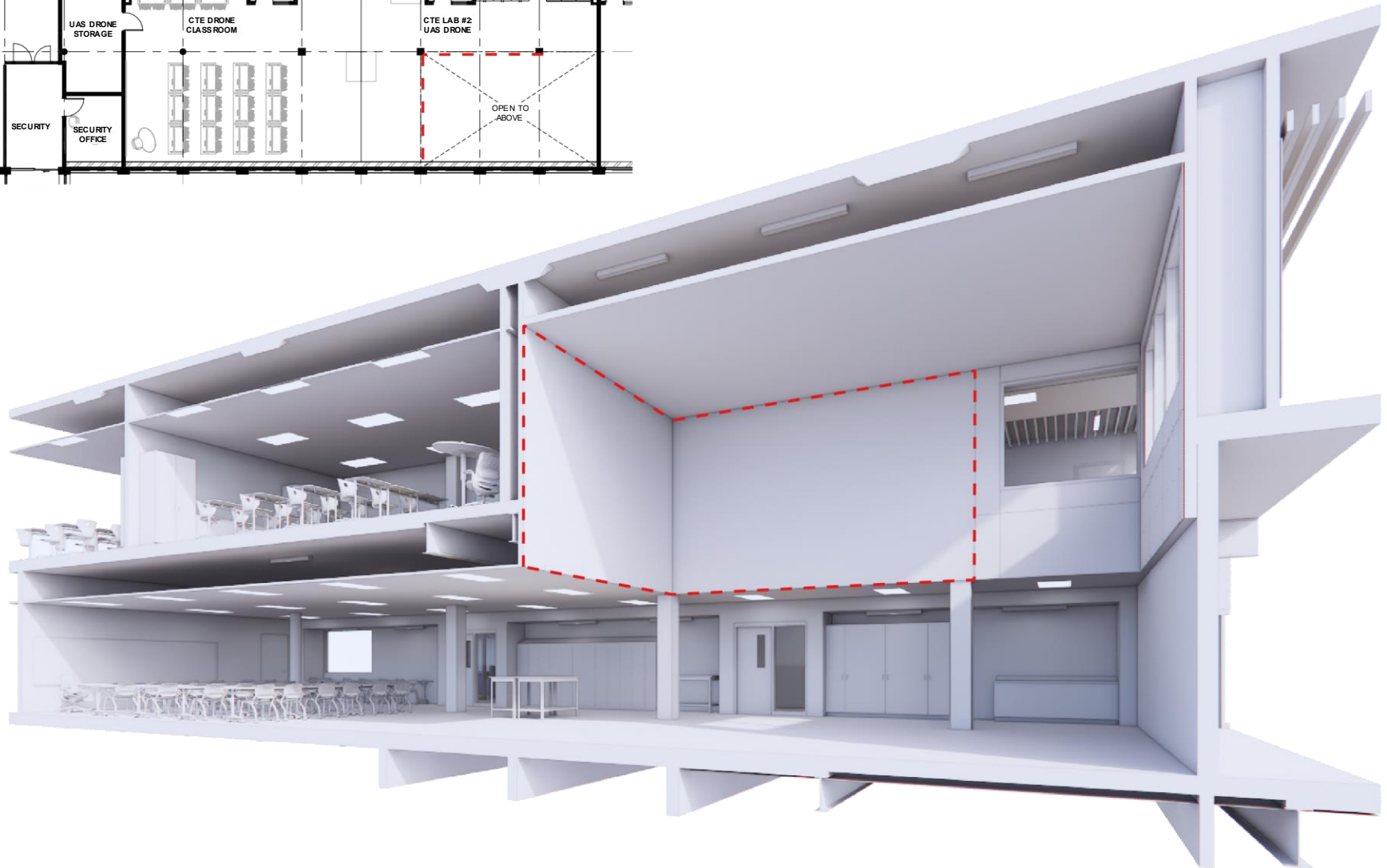
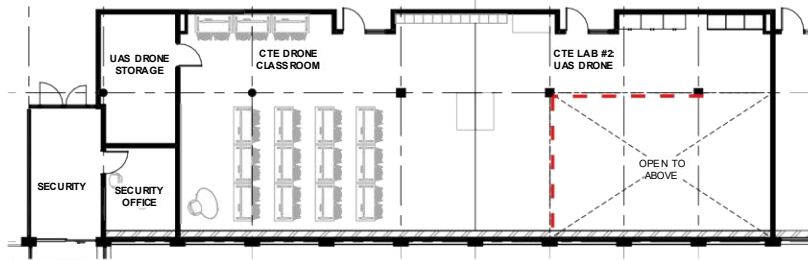
***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

LEVEL TWO - TYPICAL CLASSROOM ENTRY

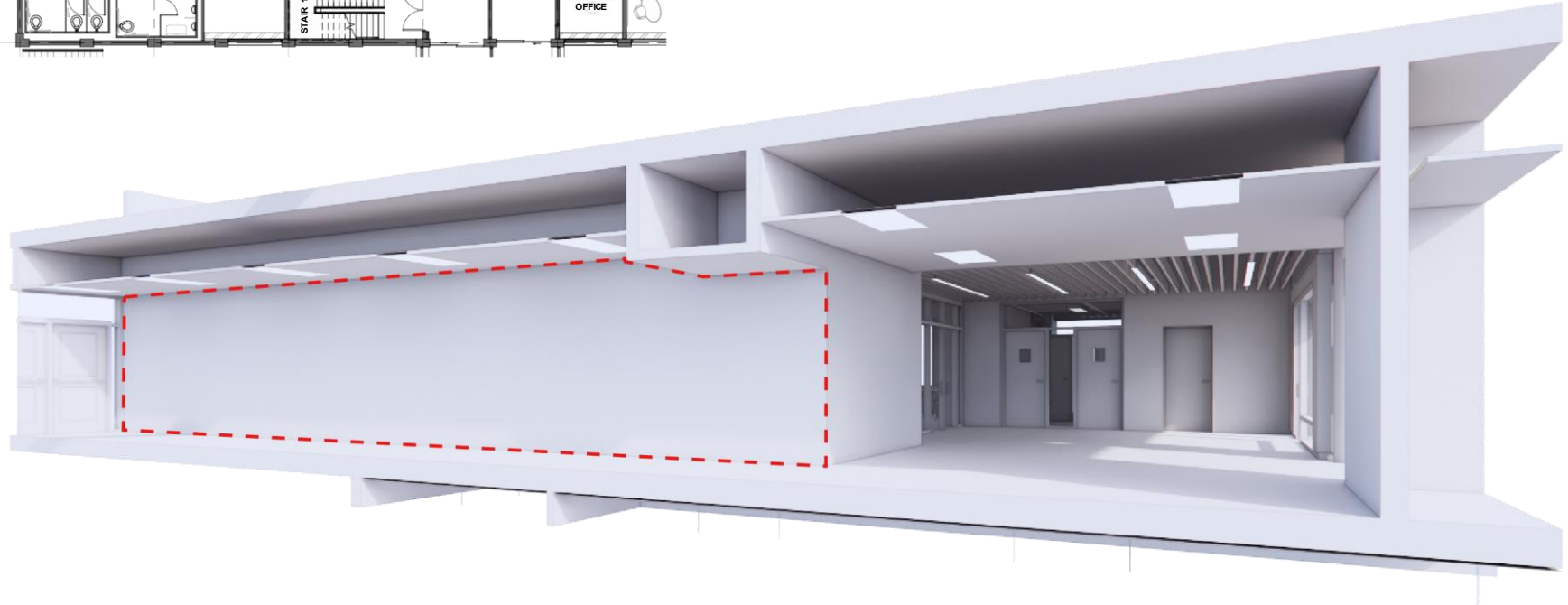
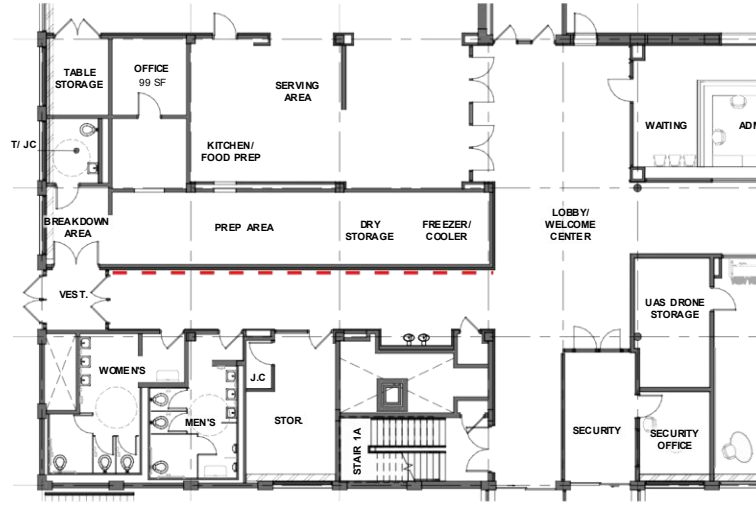


***Please Note:** Renderings and materials are conceptual design samples of the new building. Final Designs are subject to change.*

FEEDBACK - ART WALL



FEEDBACK - ART WALL



Time for Q & A



FACILITY MASTER PLAN *Meeting*
QUESTION CARD



FACILITY MASTER PLAN *Meeting*
FEEDBACK CARD



**Thank You for Joining Today
Stay Connected!**

OFFICE OF OPERATIONS

Division of Capital Projects & Facilities