



MIDDLE SCHOOL DESIGN UPDATE

November 18, 2025

I. Design Overview and Concept Progression

II. Current Schematic Design

- **Site Plan**
- **Floor Plan**

III. Next Steps & Schedule



New Middle School Design Activity

- **July – Sept. 2025** **Concept & site location development**
- **October 2025** **Begin schematic design phase**
- **Civil Engineering**
 - CAMS South site survey
 - Geotechnical / infiltration tests
 - Traffic / trip generation counts
 - Sketch plan development
 - Sketch plan review meeting with Borough staff
 - Zoning variance submission: building height & parking
- **Building Design**
 - Building program validation
 - Schematic floor plan development
 - Initial building systems discussions





JULY



AUGUST



SEPTEMBER

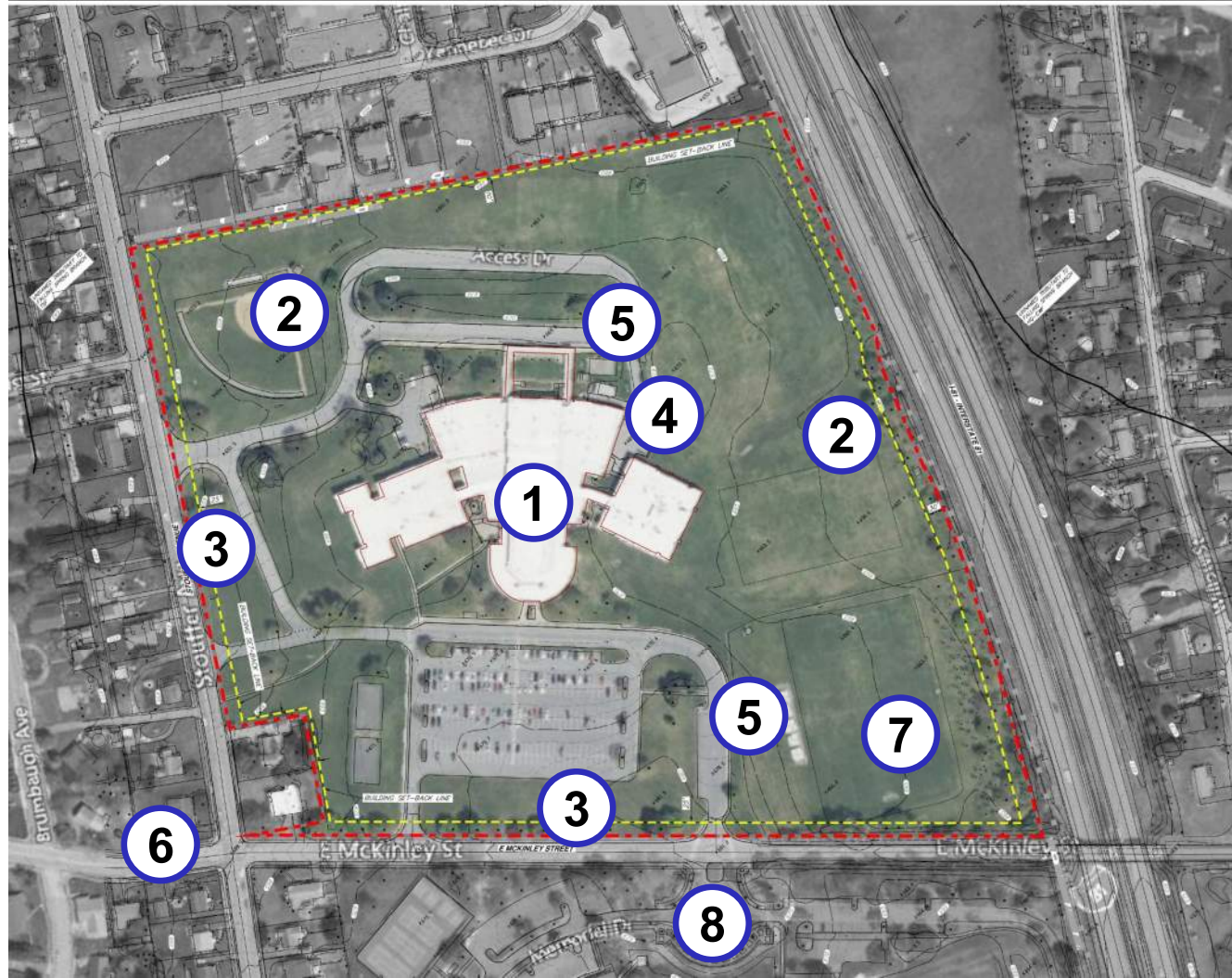


OCTOBER

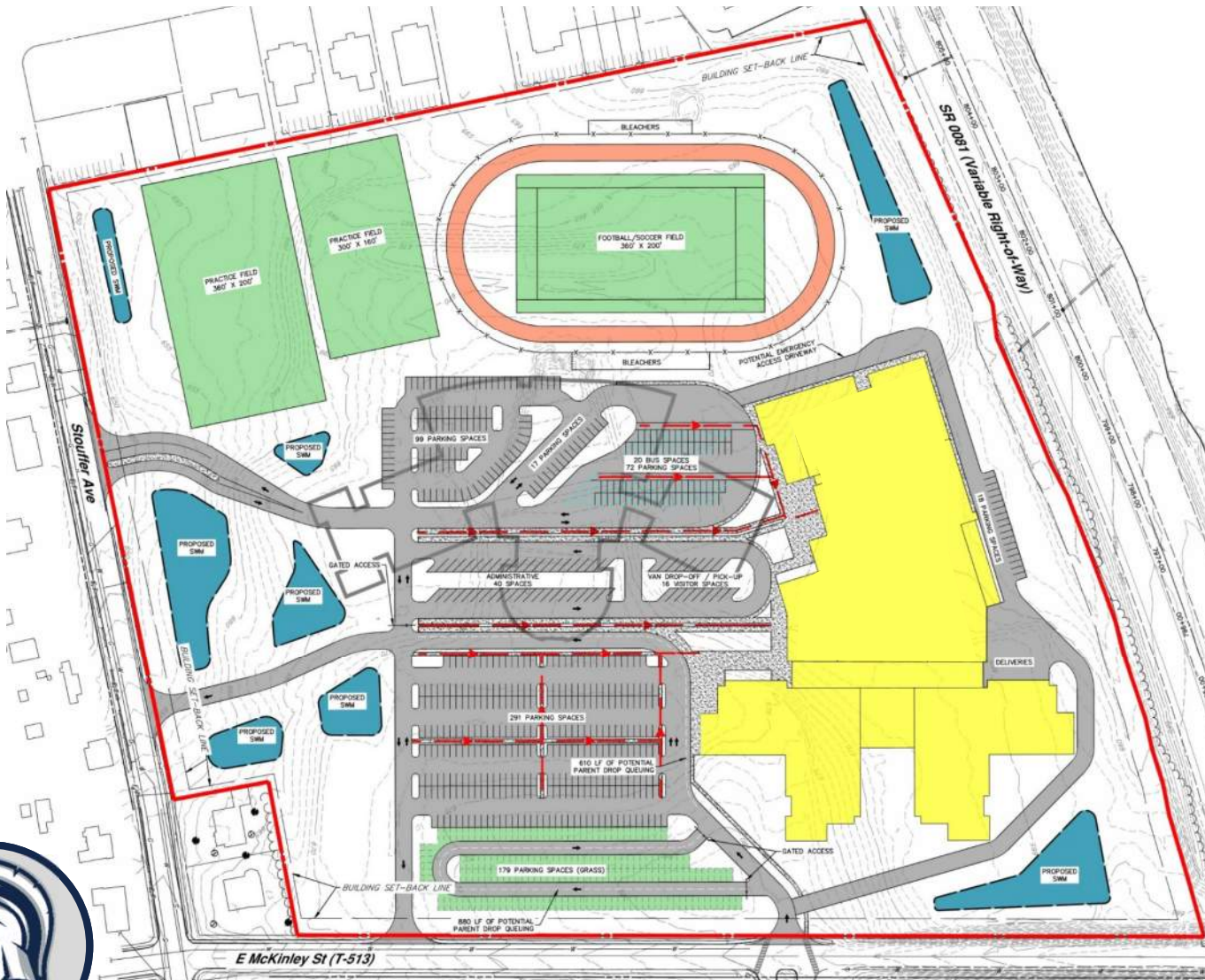


Scheme Progression

1. Maintain Existing Building
2. Low Point(s) / Storm Water
3. Maintain Existing Entry/Exit
4. Existing Utilities (phasing)
5. High Points on site
6. Neighboring Residential Scale
7. Favorable Slope @ Field
8. Borough Park Relationship

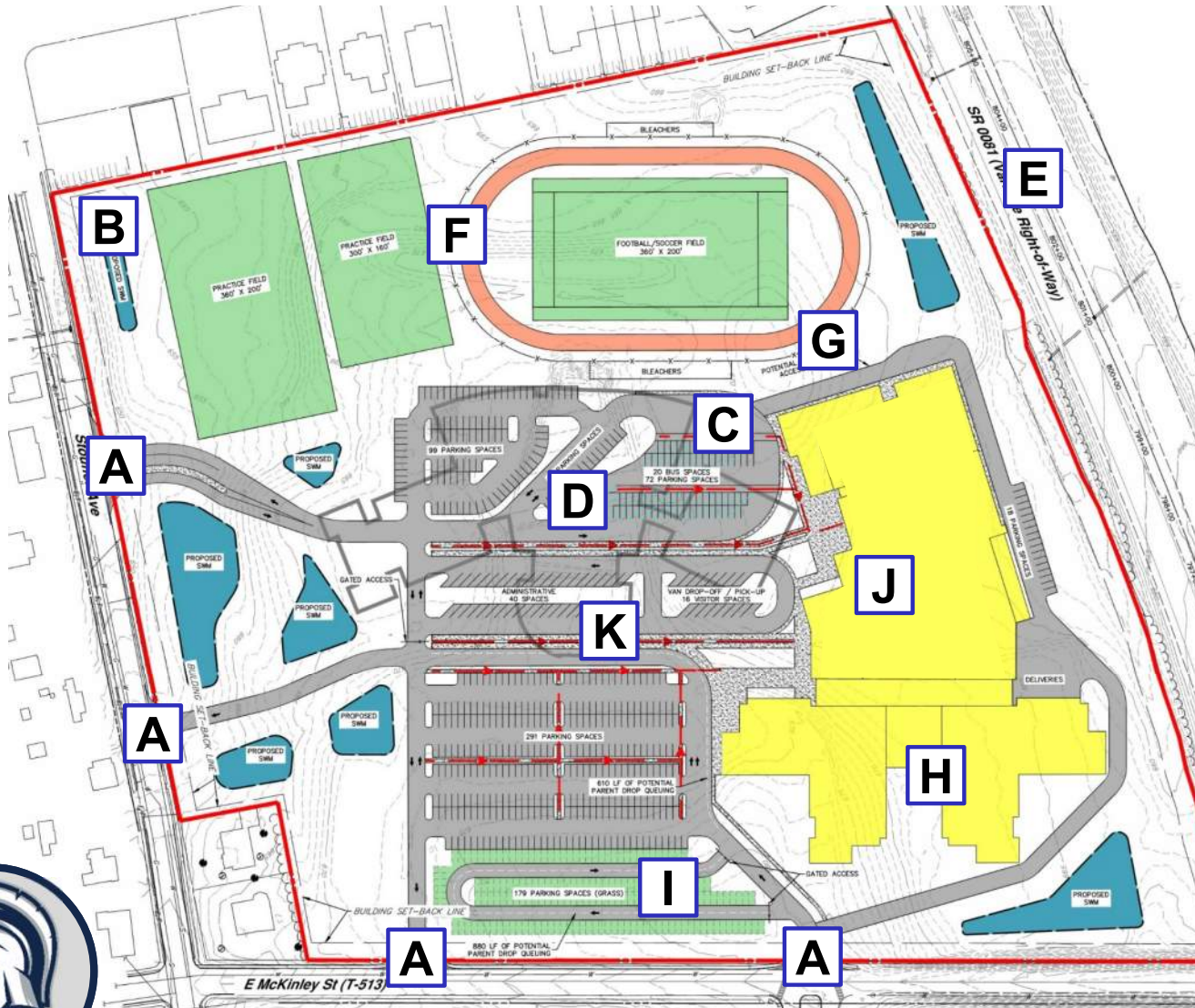


Existing Site Considerations



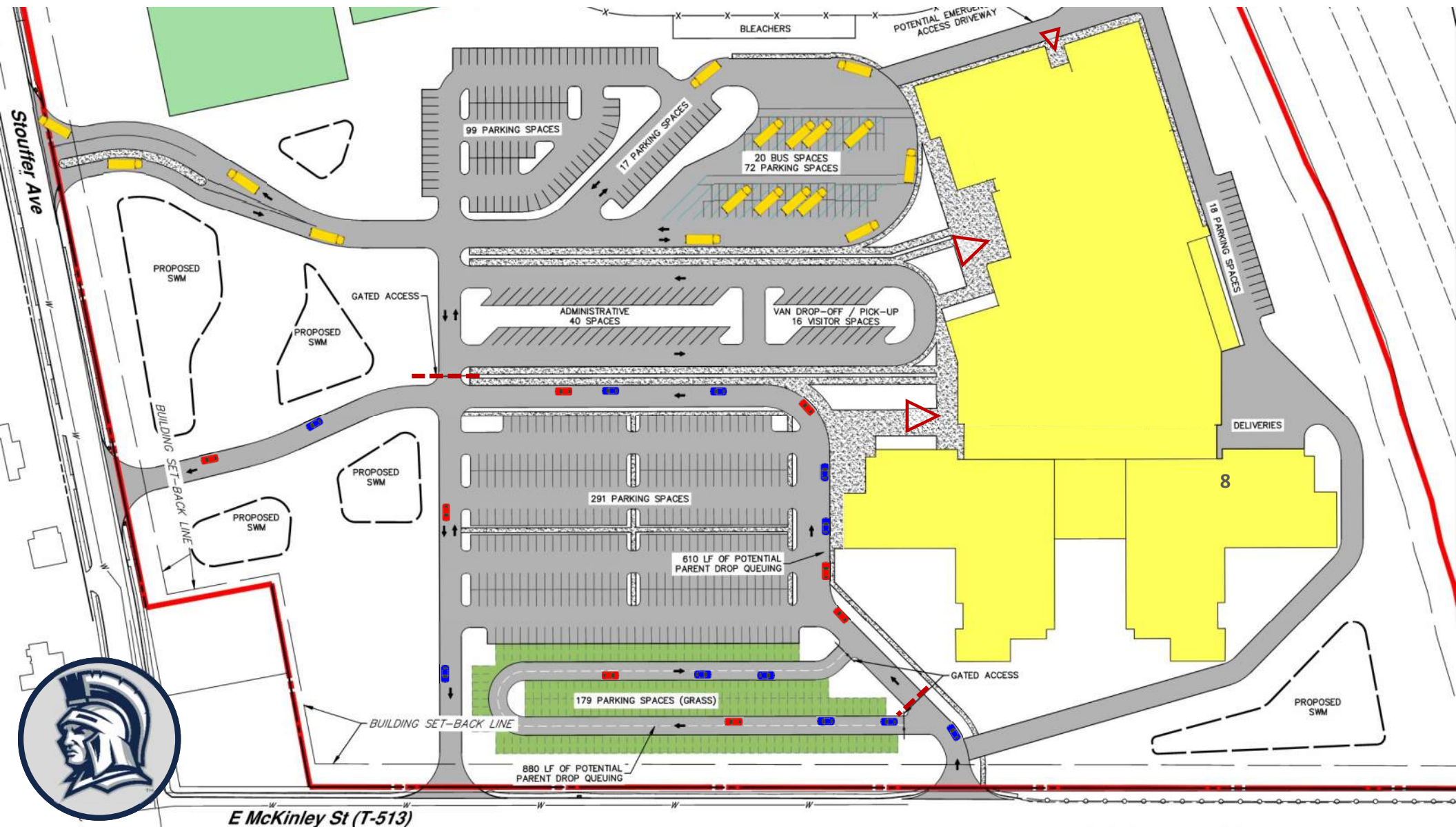
Current Site Plan

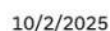
- A. Maintain existing driveways
- B. Phasing of construction
- C. Minimal utility disruption
- D. Maintain existing building
- E. Maintaining I-81 buffer
- F. Athletic fields together
- G. Athletic adjacent to building
- H. Classrooms adjacent to park
- I. Ability to cue parent pick-up
- J. Visibility from Stouffer Ave.
- K. Car/Van/Bus Traffic Flow



Current Site Plan and Location Priorities







7TH GRADE	QTY	AREA	TOTAL	MIN	MAX	COMMENTS
MATH	7	850	5950	175	210	
ELA (ENGLISH LANGUAGE ARTS)	7	850	5950	175	210	
SOCIAL STUDIES	7	850	5950	175	210	
SCIENCE LAB	7	1200	8400	175	210	
PROJECT ROOM	3	300	900			
STORAGE	3	200	600			
WORLD LANGUAGE CLASSROOM	1	850	850	25	30	
		0	0	0	0	
8TH GRADE	QTY	AREA	TOTAL	MIN	MAX	COMMENTS
MATH	7	850	5950	175	210	
ELA (ENGLISH LANGUAGE ARTS)	7	850	5950	175	210	
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SCIENCE LAB	7	1200	8400	175	210	
PROJECT ROOM	3	300	900			
STORAGE	3	200	600			
WORLD LANGUAGE CLASSROOM	1	850	850	25	30	
		0	0	0	0	
Scheduled Area Total	58		57200			
Classroom Capacity				1450	1740	

First Floor	Qty	Area	Total	Min	Max	Comments
Technology Lab	2	1600	3200	50	60	DIRTY' LABS
FLEX SGI	2	425	850			
Storage	2	150	300			
Technology Lab	1	1200	1200	25	30	CLEAN' LAB
FLEX SGI	1	425	425			
Storage	1	150	150			AG PROGRAM HERE
Greenhouse/Head House	1	850	850			FOR AG PROGRAM
Robotics / Gaming / Esports Hub	1	1200	1200	25	30	
Storage	1	150	150			
Business Classroom	4	850	3400	100	120	POTENTIAL FOR PAIRING
Storage						
Computer Lab						
TV Studio / Lab	1	850	850			
Storage	1	200	200			
Technology Storage / IT Help Desk	1	850	850			Potential for student interaction
Scheduled Area Total			13625			
Classroom Capacity				200	240	

TOTAL PROGRAM(SCHEDULED) AREA			177,005	2,064	2,457	Planned Capacity (GROSS at 100%)
				1,445	1,720	Functional Capacity (at 70%)
2023/2024 Enrollment (Oct. 1 PDE)				1,407	1,407	
				38	313	2023/2024 available capacity (Functional - Enrollment)
TOTAL BUILDING AREA			265,508			
Grossing Factor Program/Total Area			1.500			Typical multiplier range: 1.45 to 1.6
PROGRAM SF PER STUDENT				122.51	102.92	
TOTAL SQUARE FOOT PER STUDENT				183.77	154.37	Typical for MS of 160-180; slightly higher here due to additional Special Education & Learning Support space needs. For comparison: Existing CAMS North= 165 SF Existing CAMS South= 154 SF



Department Legend

- ADMIN-COUNSEL-NURSE
- ATHLETICS-PE
- CAFETERIA-DINING
- CIRCULATION
- CLASSROOM
- FLEX LEARNING-LGI
- LEARNING COMMONS
- LEARNING SUPPORT-SPECIAL ED
- PERFORMING ARTS
- STEM-TECH ED-DIGITAL TECH
- SUPPORT AREAS

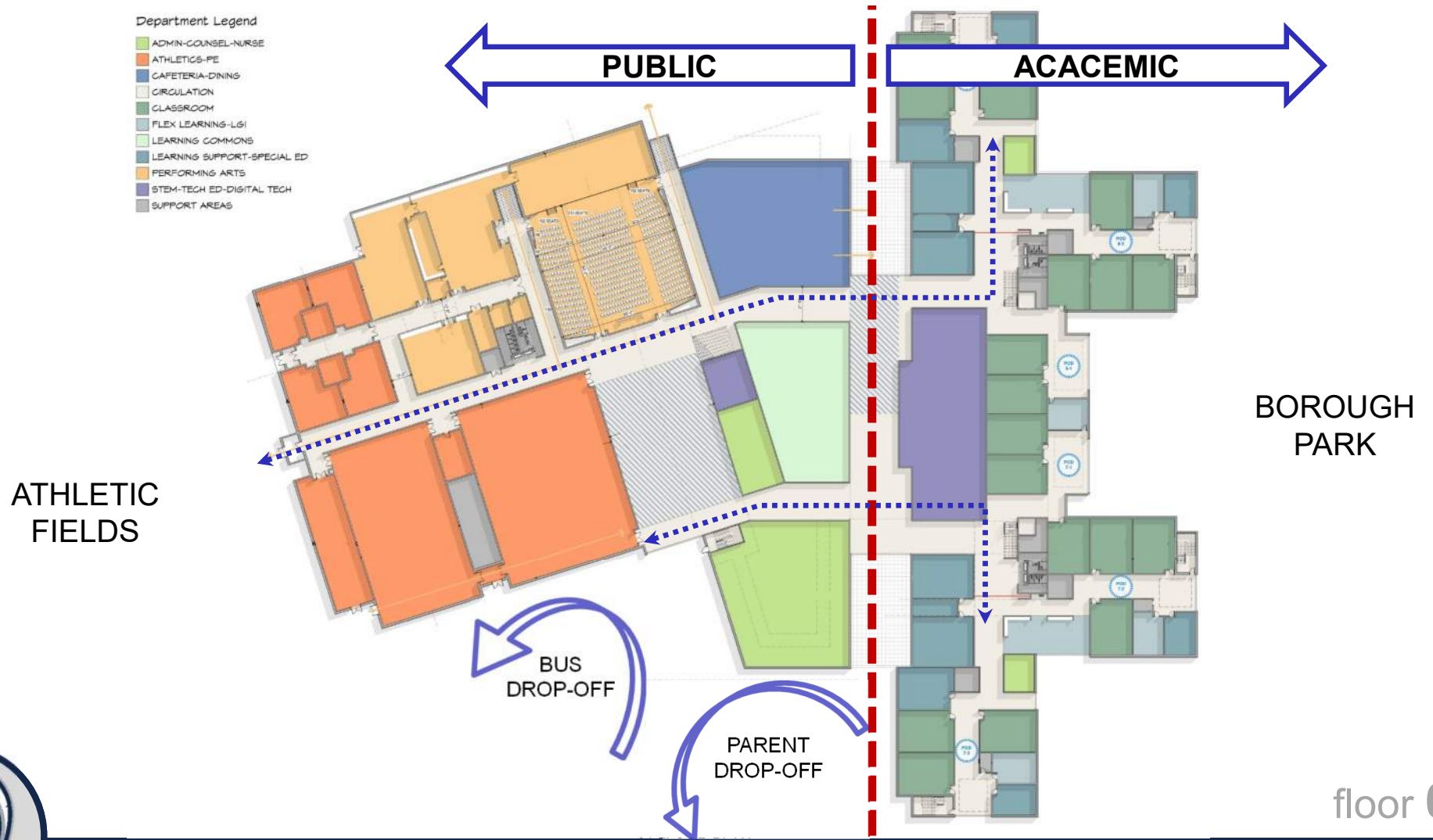


floor 01



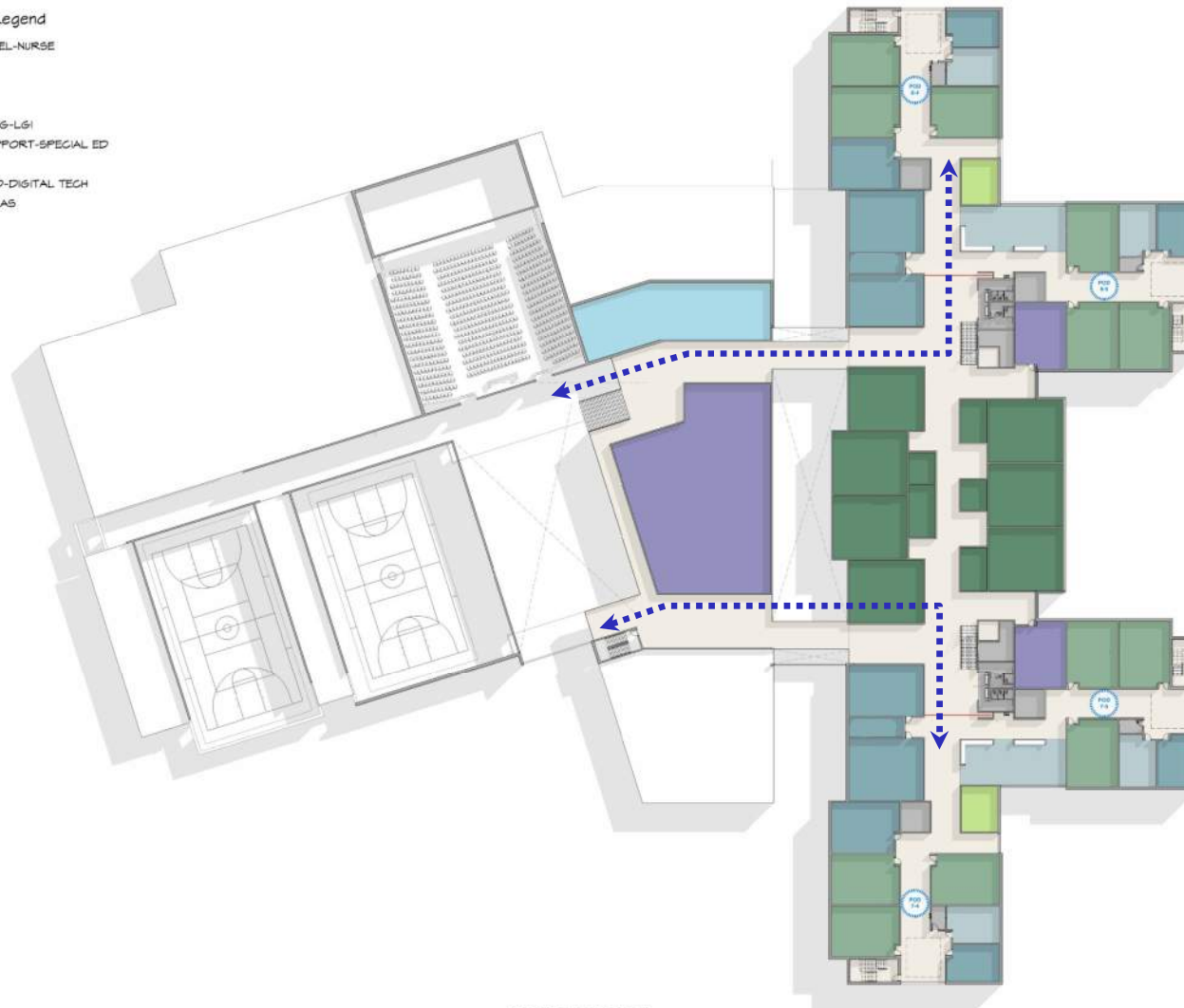
Schematic Floor Plan Update

- Department Legend
- ADMIN-COUNSEL-NURSE
 - ATHLETICS-PE
 - CAFETERIA-DINING
 - CIRCULATION
 - CLASSROOM
 - FLEX LEARNING-L&I
 - LEARNING COMMONS
 - LEARNING SUPPORT-SPECIAL ED
 - PERFORMING ARTS
 - STEM-TECH ED-DIGITAL TECH
 - SUPPORT AREAS



Schematic Floor Plan Update

floor **01**



Schematic Floor Plan Update



Next Steps

- 12-02-2025 Borough Zoning Meeting
- 12-04-2025 Design Meeting (*every three weeks*)
- 12-15 & 12-18 Schematic Plan reviews with Faculty

Project Timeline

- Schematic Design: October 2025 – January 2026
- Design Development: January – April 2026
- Construction Documents: April – September 2026
- Bidding: Fall 2026
- Start Construction: Spring 2027



Next Steps





THANK YOU