



SUMNER HIGH SCHOOL ADDITION - PHASE 2

School Board Presentation: EDUCATIONAL SPECIFICATIONS & SCHEMATIC DESIGN

7.16.2025



SUMNER HIGH SCHOOL

Educational Specifications

JULY 2025



COMMITTEE & DEPT PROGRAMMING MTGS

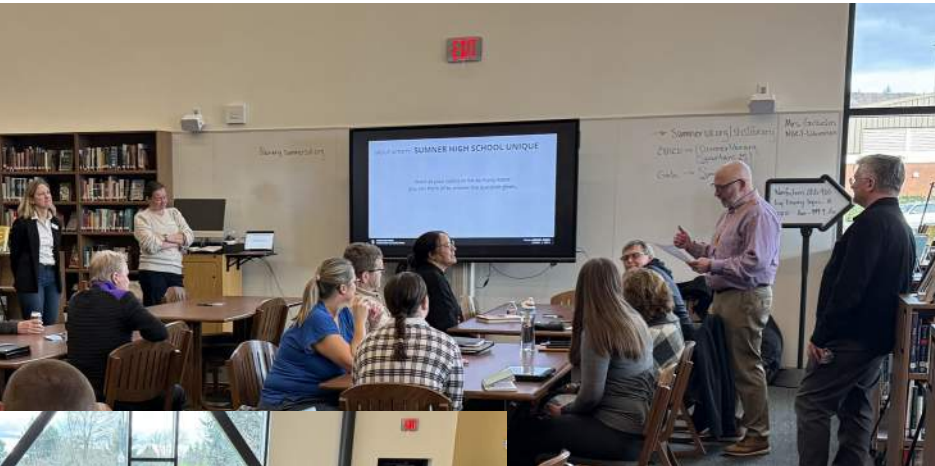
FEBRUARY 20, 2025	PROGRAMMING WORKSHOP #1: Overview + Kickoff
MARCH 6, 2025	DEPARTMENT INTERVIEWS: Core-Plus Lab, CAD Lab, Robotics
MARCH 16, 2025	DEPARTMENT INTERVIEWS: Child Development, Photo Lab, Video Lab
MARCH 27, 2025	DEPARTMENT INTERVIEWS: JRTOC, Tiny Sparts
APRIL 3, 2025	DEPARTMENT INTERVIEWS: Ag. Science, Horticultural Science, Culinary Arts, Web Design, Computer Science, Business Lab
APRIL 24, 2025	DEPARTMENT INTERVIEWS: Core Curriculum
MAY 1, 2025	DEPARTMENT INTERVIEWS: PE, Athletics, Pool
MAY 8, 2025	DEPARTMENT INTERVIEWS: Performing Arts, Music
MAY 22, 2025	DEPARTMENT INTERVIEWS: Administration, Health, Counseling, Student Services
JUNE 5, 2025	PROGRAMMING WORKSHOP #2: Progress Update - Full Committee



PROGRAM AREA SUMMARY

100 - GENERAL INSTRUCTION					
110 GENERAL CLASSROOMS					
111 General Classrooms	24	24	880	21,120	
120 INSTRUCTIONAL SUPPORT					
121 Learning Commons		4	1,120	4,480	
122 Student Workroom		2	400	800	
123 Small Group Collaboration		4	145	580	
GENERAL INSTRUCTION TOTAL 24 26,980					
200 - SPECIAL EDUCATION					
210 DEVELOPMENTAL LEARNING					
211 Developmental Learning Classroom	3	3	780	2,340	
212 Life Skills Center		1	465	465	
213 Quiet Room		2	45	90	
214 Developmental Learning Restroom		3	110	330	
220 SPECIAL EDUCATION					
221 Special Education Classroom	5	5	900	4,500	
222 Special Education Shared Storage		2	135	270	
223 OT/PT Room		1	265	265	
224 Special Education Office		1	265	265	
SPECIAL EDUCATION TOTAL 8 8,525					
300/400 - CAREER & TECHNICAL EDUCATION					
310 CHILD DEVELOPMENT					
311 Child Development Classroom	1	1	950	950	
312 Daycare - Toddlers		1	840	840	
312a Daycare Office		1	165	165	
312b Daycare Restroom		1	60	60	
312c Daycare Kitchenette		1	130	130	
312d Daycare Storage		1	75	75	
312e Daycare Lobby		1	240	240	
312f Daycare Outdoor Storage		1	210	210	
313 Daycare - Infants		1	780	780	
320 BUSINESS					
321 Business Lab	1	1	1,160	1,160	
330 CULINARY					
331 Culinary Arts Lab		1	2,965	2,965	
331a Culinary Arts Dry Storage		1	235	235	
332 Culinary Arts Classroom	1	1	975	975	
340 CORE-PLUS AEROSPACE MFG					
341 Core-Plus Lab		1	3,330	3,330	
341a Core-Plus Storage		1	285	285	
342 Core-Plus Classroom	1	1	850	850	
350 CAD					
351 CAD Lab	1	1	1,220	1,220	
351a Fabrication Lab		1	630	630	

360 ROBOTICS					
361 Robotics Lab	1	1	2,400	2,400	
370 GRAPHIC DESIGN					
371 Graphic Design Lab	1	1	1,160	1,160	
380 DIGITAL PHOTOGRAPHY					
381 Digital Photography Lab	1	1	1,160	1,160	
381a Photo Studio		1	635	635	
390 VIDEO PRODUCTION					
391 Video Production Lab	1	1	1,160	1,160	
410 AGRICULTURAL SCIENCE					
411 Agricultural Science Lab	1	1	1,400	1,400	
412 Animal Science Building		1	1,025	1,025	
420 HORTICULTURAL SCIENCE					
421 Horticultural Science Lab	1	1	1,400	1,400	
422 Shared Prep Lab		1	380	380	
423 Greenhouse		1	2,000	2,000	
CAREER & TECHNICAL EDUCATION TOTAL 11 27,820					
1500 - FACULTY + STAFF SUPPORT					
1510 FACULTY SUPPORT					
1511 Staff Workroom		4	350	1,400	
1512 Staff Restroom		4	60	240	
FACULTY + STAFF SUPPORT TOTAL 0 1,640					
1600 - BUILDING SUPPORT					
1610 RESTROOMS					
1611 Group Restroom - Women		3	300	900	
1612 Group Restroom - Men		3	300	900	
1613 Single Occupant Restroom		3	60	180	
1620 CUSTODIAL					
1621 Custodial Closet		3	85	255	
BUILDING SUPPORT TOTAL 0 2,235					
SUBTOTAL ASSIGNABLE AREA 43 67,200					
1700 - UNASSIGNABLE					
Mechanical/Electrical/Data (10% of GSF)					
			16% of Assignable Area	10,752	
Circulation (21% of GSF)			34% of Assignable Area	22,848	
Interior/Exterior Walls & Shafts (6% of GSF)			9% of Assignable Area	6,048	
UNASSIGNABLE TOTAL 39,648					
TOTAL BUILDING AREA (GSF) 106,848					



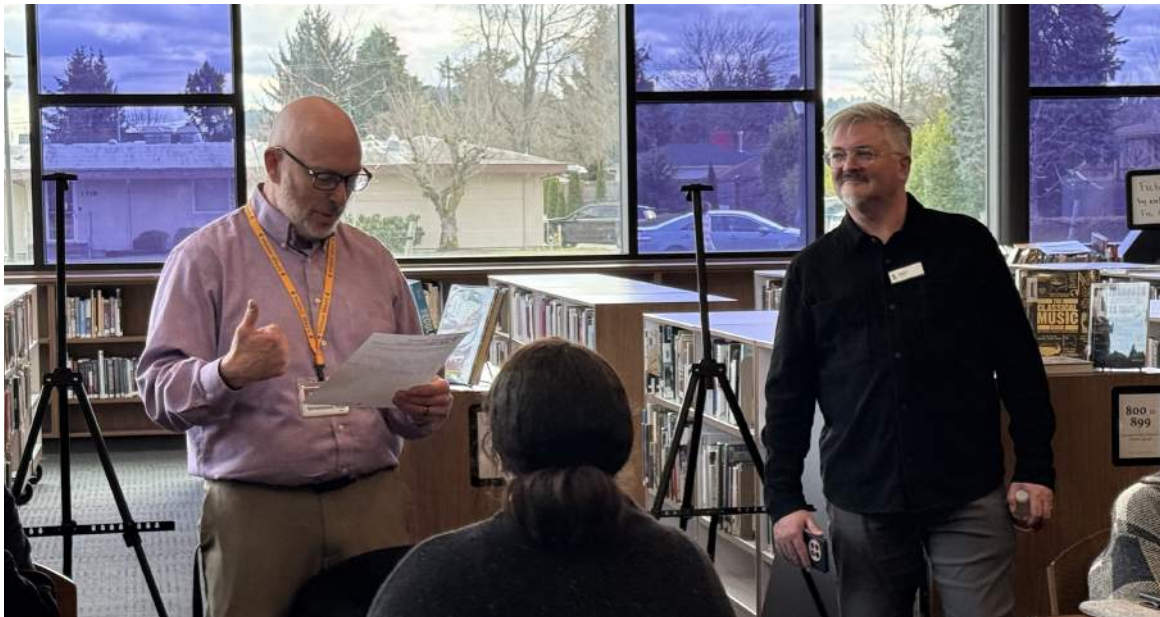
ED SPEC

360: ROBOTICS

361 - Robotics Lab

Size:	(1) @ 2,400 SF
Occupants:	(1) Instructor (32) Students
Activities:	Hands-on learning encouraging teamwork, creative problem solving, and critical thinking Connection of technology and various sources of information with physical objects Solving open-ended problems by creating models and prototypes Individual student work Demonstrations Large and small group instruction
Proximity:	Near: fabrication lab, other CTE spaces to facilitate program collaboration Direct: corridor
Finishes:	Flooring: polished concrete Ceiling: open to structure Walls: painted gypsum board, tackable wallcovering
Furniture:	(16) Work tables, 24"x60", mobile (32) Student stools (1) Teacher's desk (1) Teacher's task chair (1) Presentation table, 24"x48", mobile (6) Mobile lockable tall storage cabinets for program materials and supplies, 48"Wx24"Dx84"H (2) Mobile lockable tall storage cabinets for club storage, 48"Wx24"Dx84"H
Casework:	(8-12) Tall storage lockable cabinets w/ 18"x18"x18" cubbies for student project storage, (64) cubbies minimum, (96) cubbies preferred (1-2) Tall storage cabinet(s), 36"Wx24"Dx84"H, lockable, for instructor's use Countertop space with cabinets below Consider storage for robotics club, confirm requirement with owner

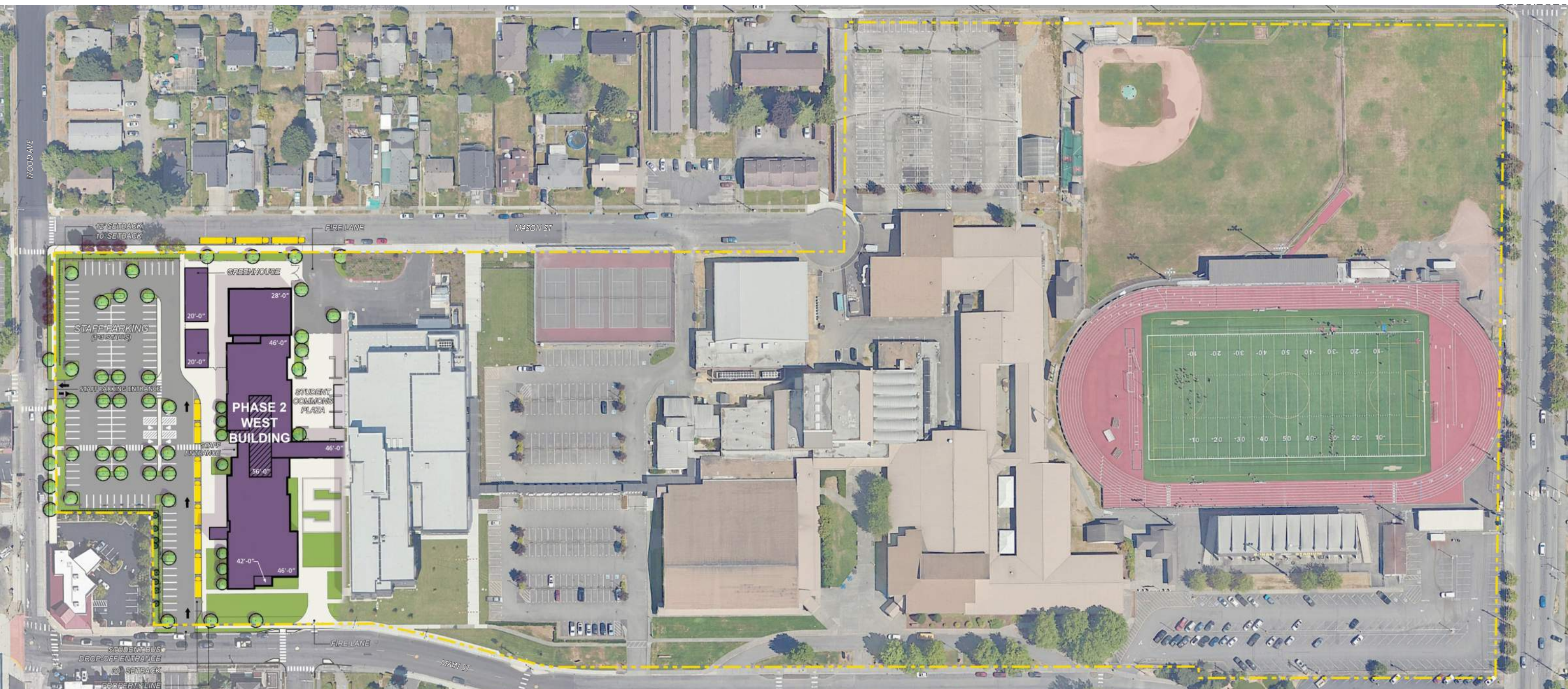
Specialty:	Charging station capable of charging (70-96) batteries (2) 48"x96" whiteboards, magnetized, on each side of video monitor 8-foot wide roll-up insulated exterior door Provide double-doors into lab (with a removable mullion) (1) Paper towel dispenser Mini blinds at exterior windows and interior relites
Technology:	(1) 86" Interactive video monitor and stand at front of classroom – District will provide, install, and configure
Other:	Space to accommodate (2) 12'x12' arenas Provide ceiling cord reels with power and data serving work tables for flexibility of table arrangement



Schematic Design



PHASE 2

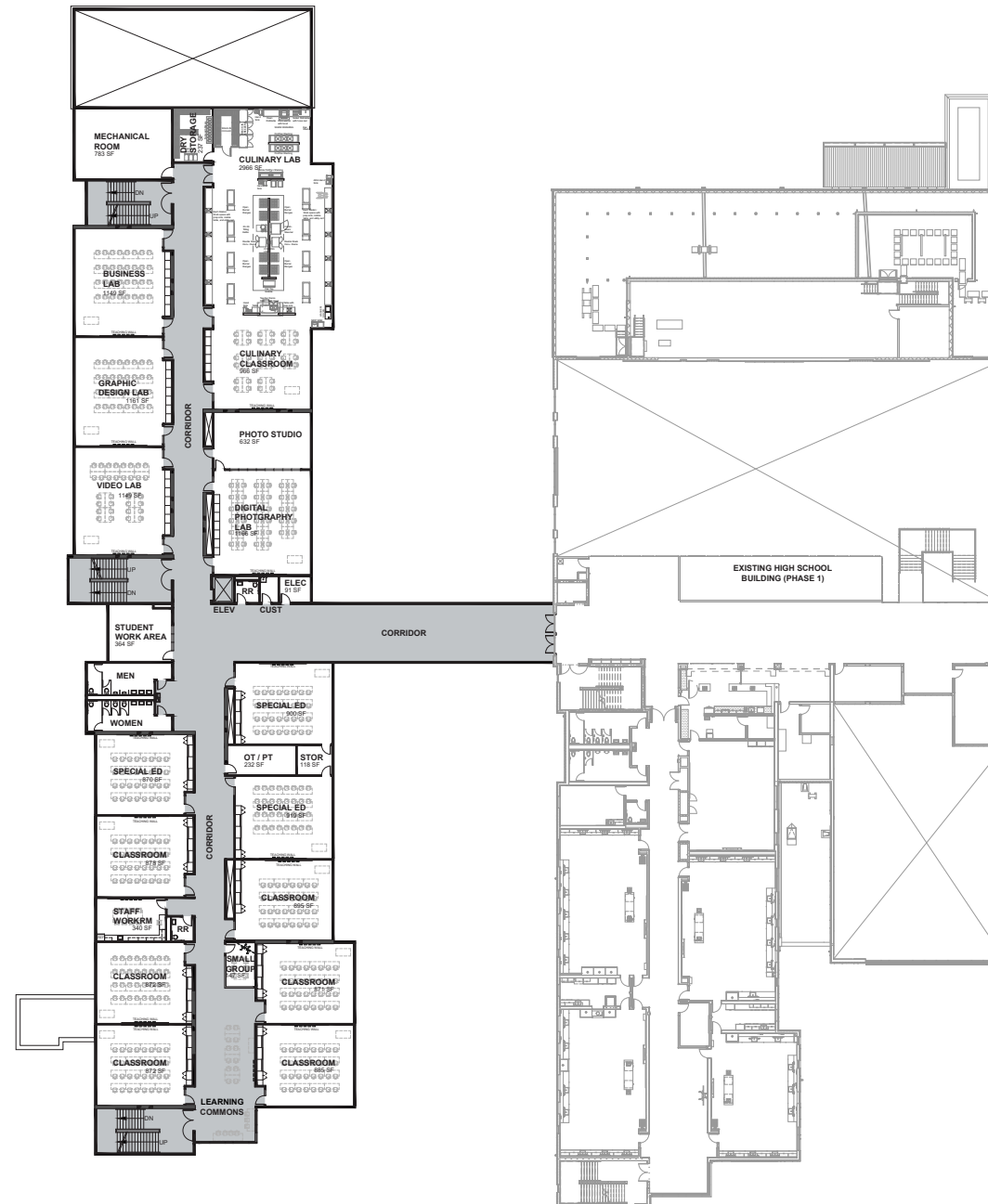




FIRST FLOOR

- CORE-PLUS AEROSPACE MANUFACTURING
- ROBOTICS
- CAD
- HORTICULTURAL SCIENCE & GREENHOUSE
- AGRICULTURAL SCIENCE & ANIMAL SCIENCE
- (3) DEVELOPMENTAL LEARNING (DLC)
- CHILD DEVELOPMENT
- TINY SPARTS DAYCARE
- (2) GENERAL CLASSROOMS

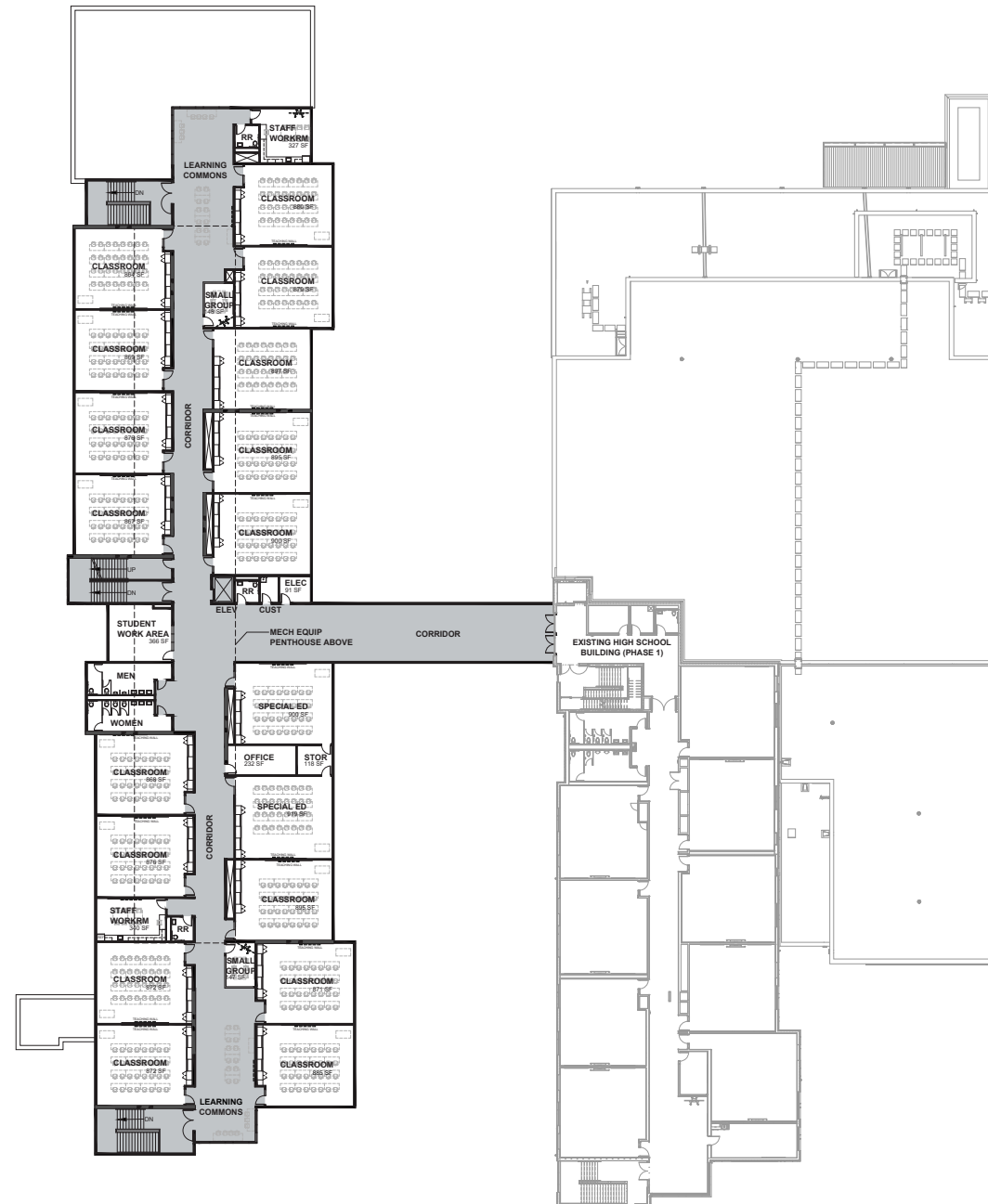




SECOND FLOOR

- CULINARY ARTS
- BUSINESS
- GRAPHIC DESIGN
- VIDEO
- DIGITAL PHOTOGRAPHY
- (3) SPECIAL ED CLASSROOMS
- (6) GENERAL CLASSROOMS





THIRD FLOOR

- (16) GENERAL CLASSROOMS
- (2) SPECIAL ED CLASSROOMS





