

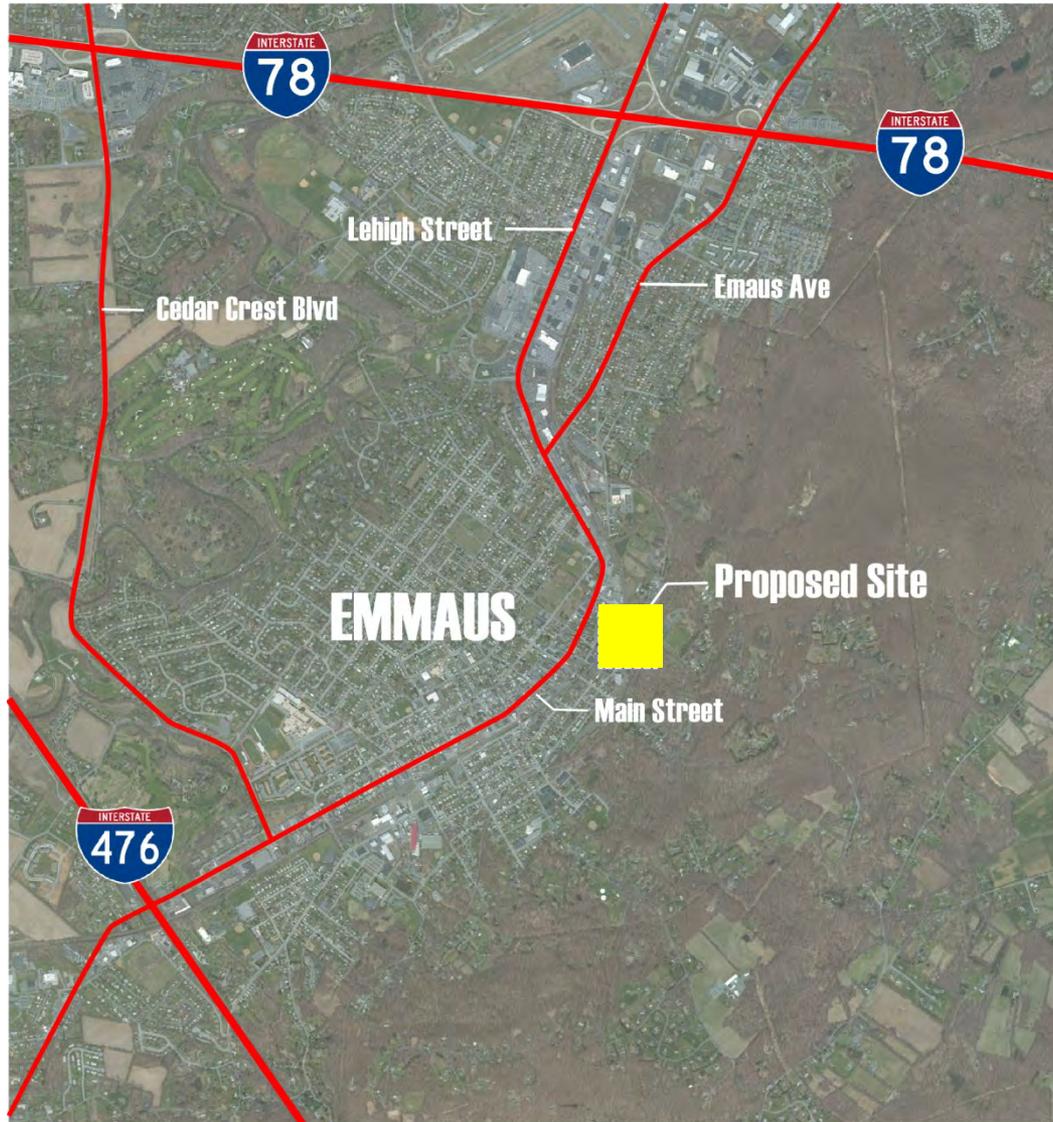
Council Meeting

BOROUGH OF EMMAUS

Municipal Complex Preliminary Schematic Design

March 21, 2016





Location - Region Plan



Location – Site Plan

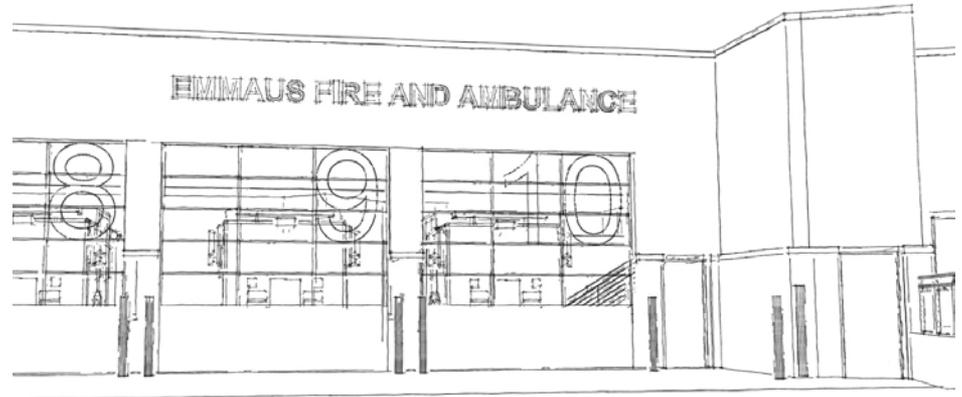


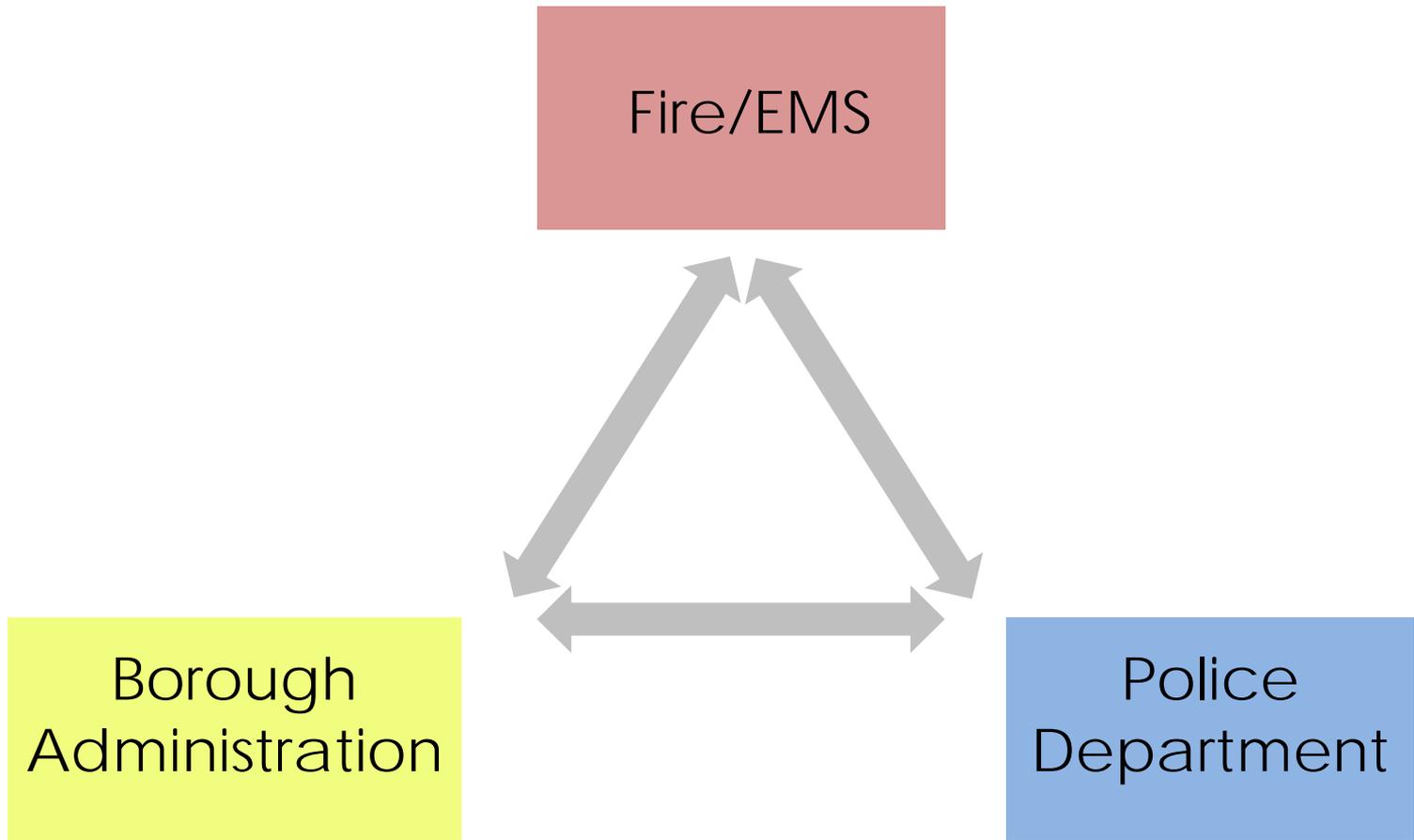
Existing Building



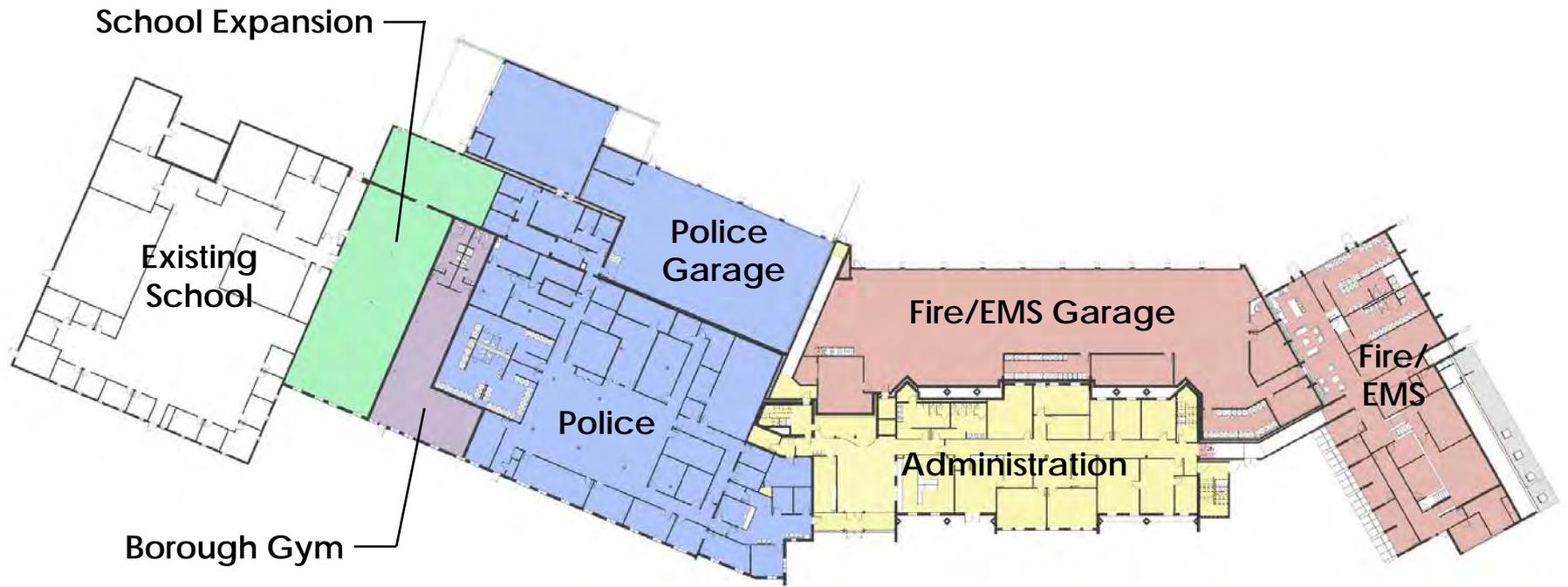
Existing Building

1. Efficiency
2. Security
3. Cost/Benefit Savvy
4. Currently not enough space
5. Enhance Needs & Environmental Friendliness
6. One-Stop Shopping (Consolidation)
7. Sustainability

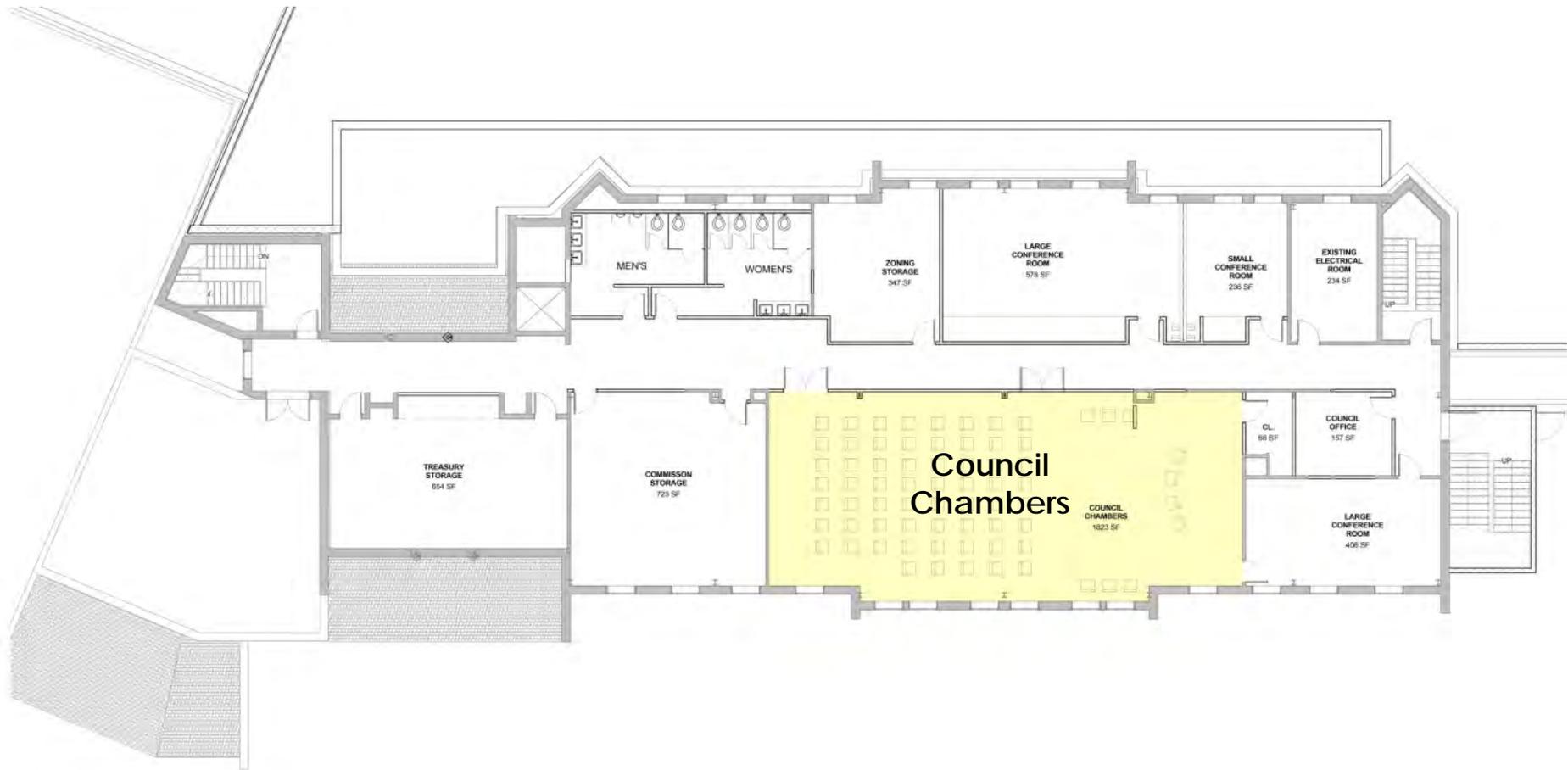




Programming

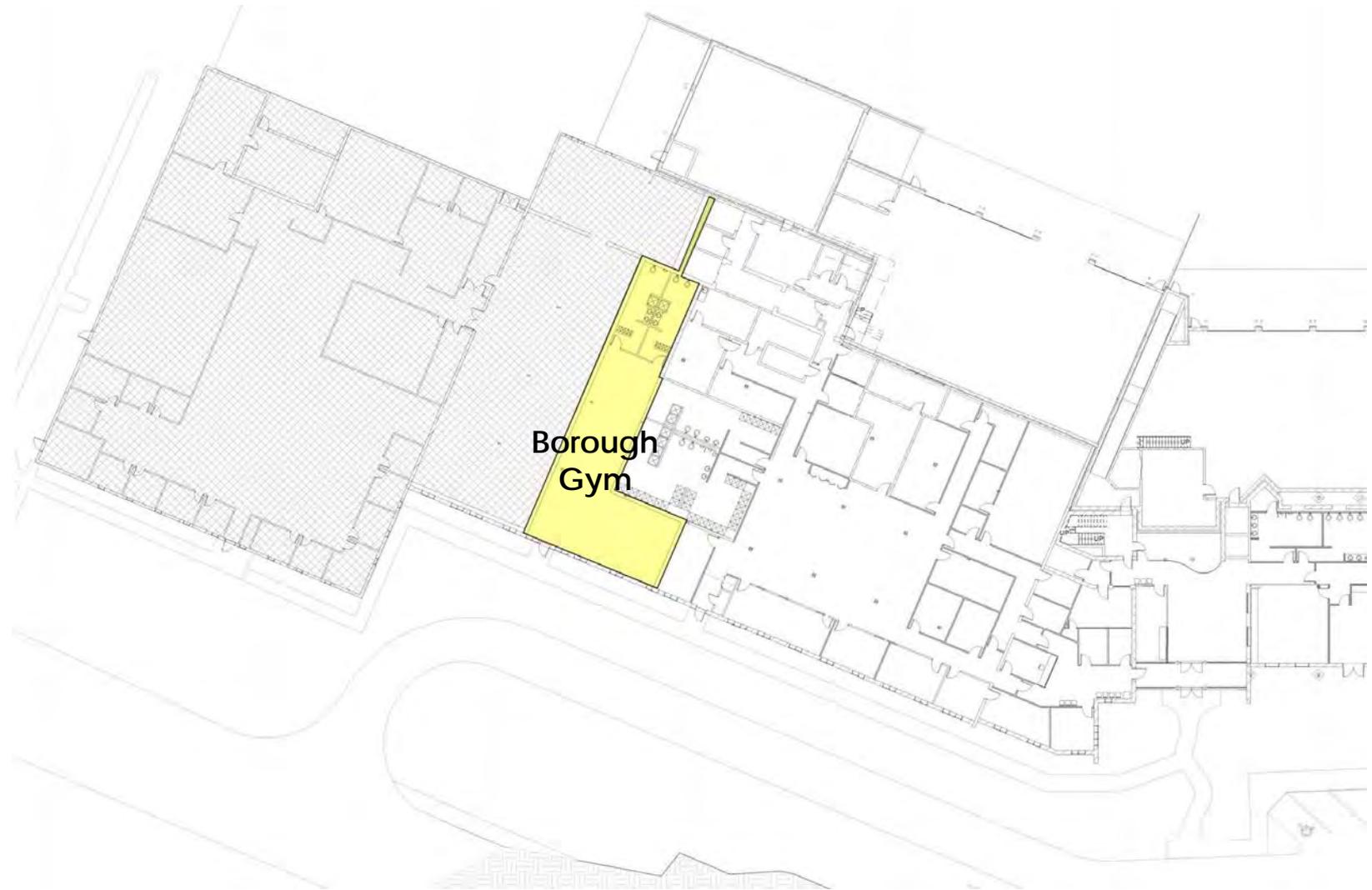


Final Organization



Construction Phase 1- Borough Administration (Second Floor)

Renovation Area = 1,800 SF

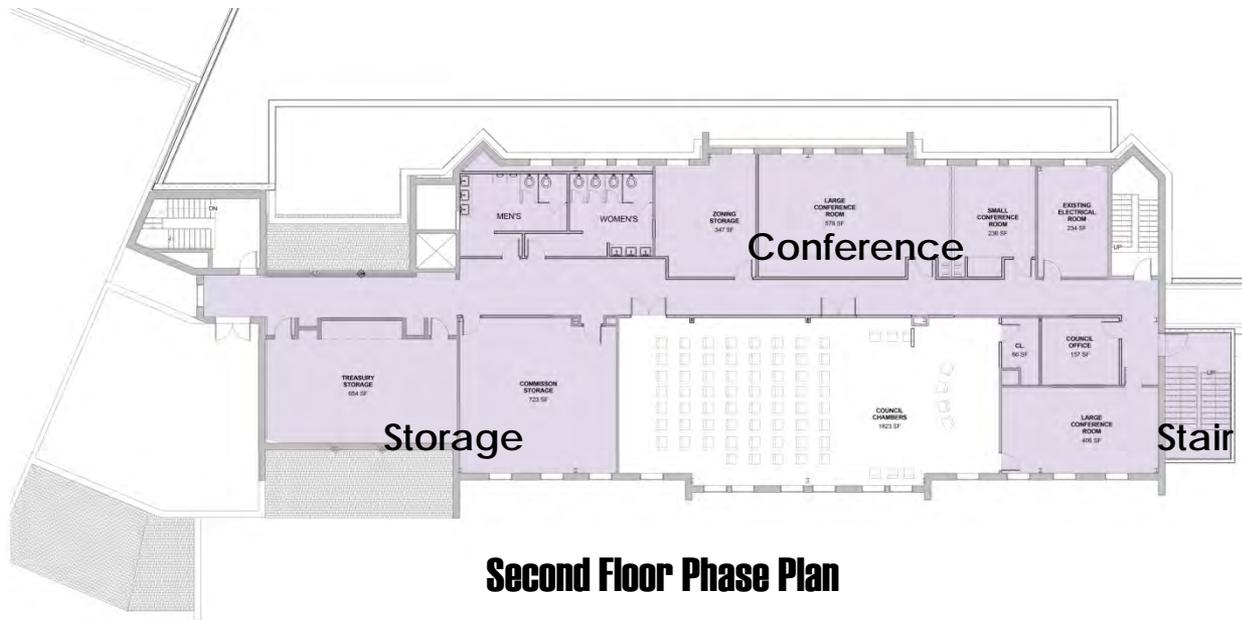


Construction Phase 1 - Gym

Renovation Area = 2,200 SF



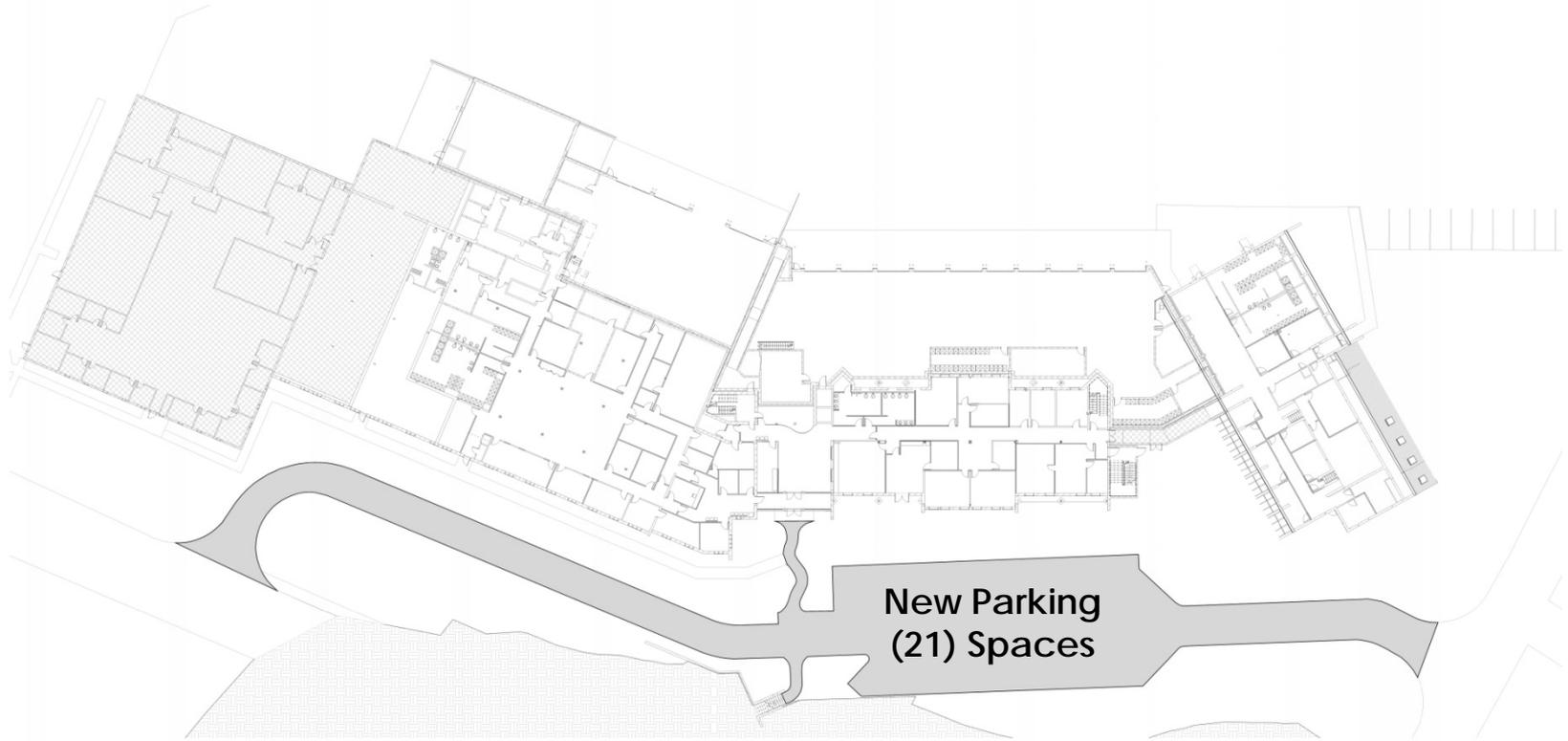
First Floor Phase Plan



Second Floor Phase Plan

Construction Phase 2 – Borough Administration

Renovation Area = 5,960 SF



Construction Phase 3 – Site Work

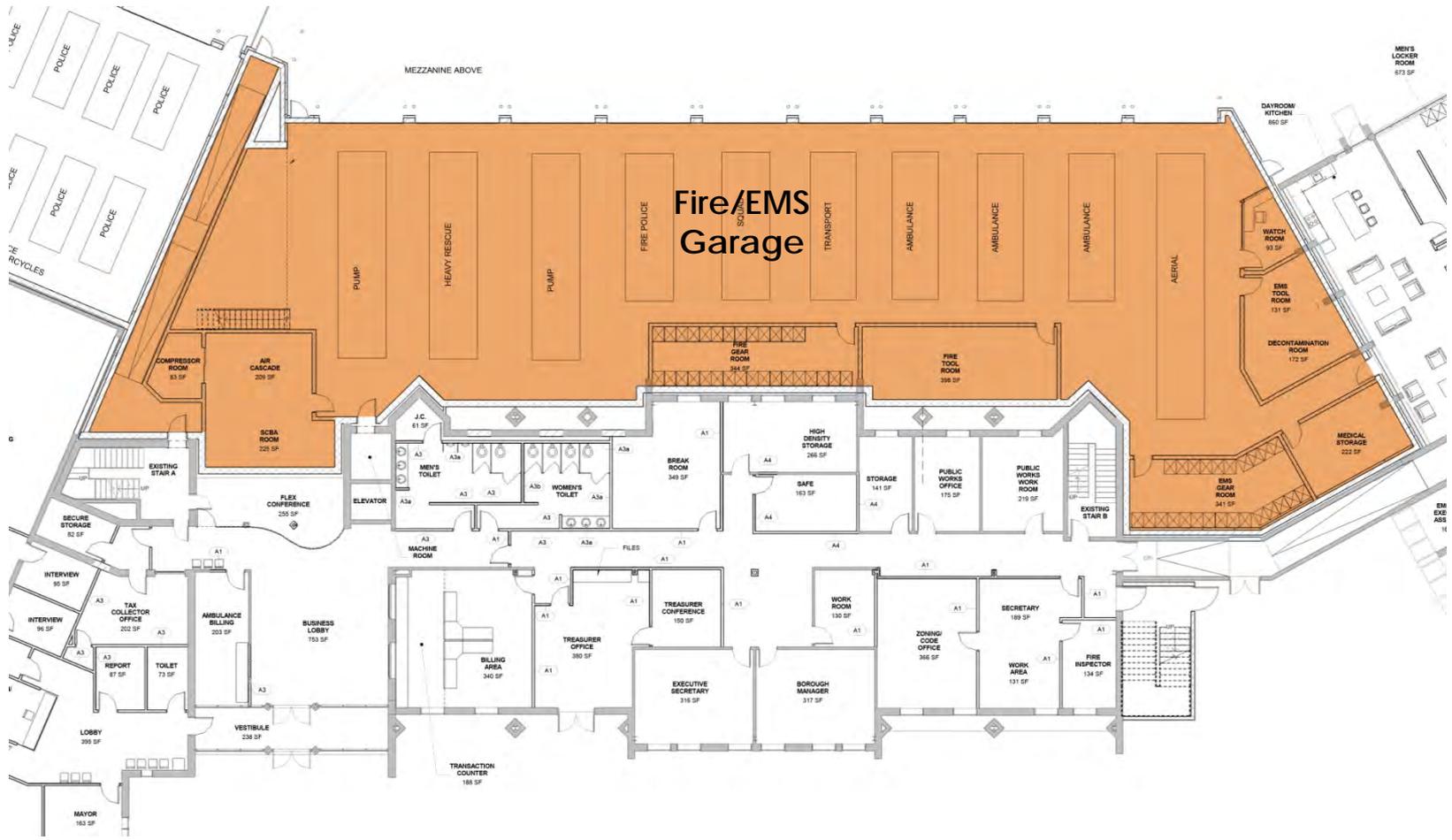
Site Work Area = 17,600 SF



Construction Phase 4 – Fire/EMS Renovation

Renovation Area = 6,775 SF

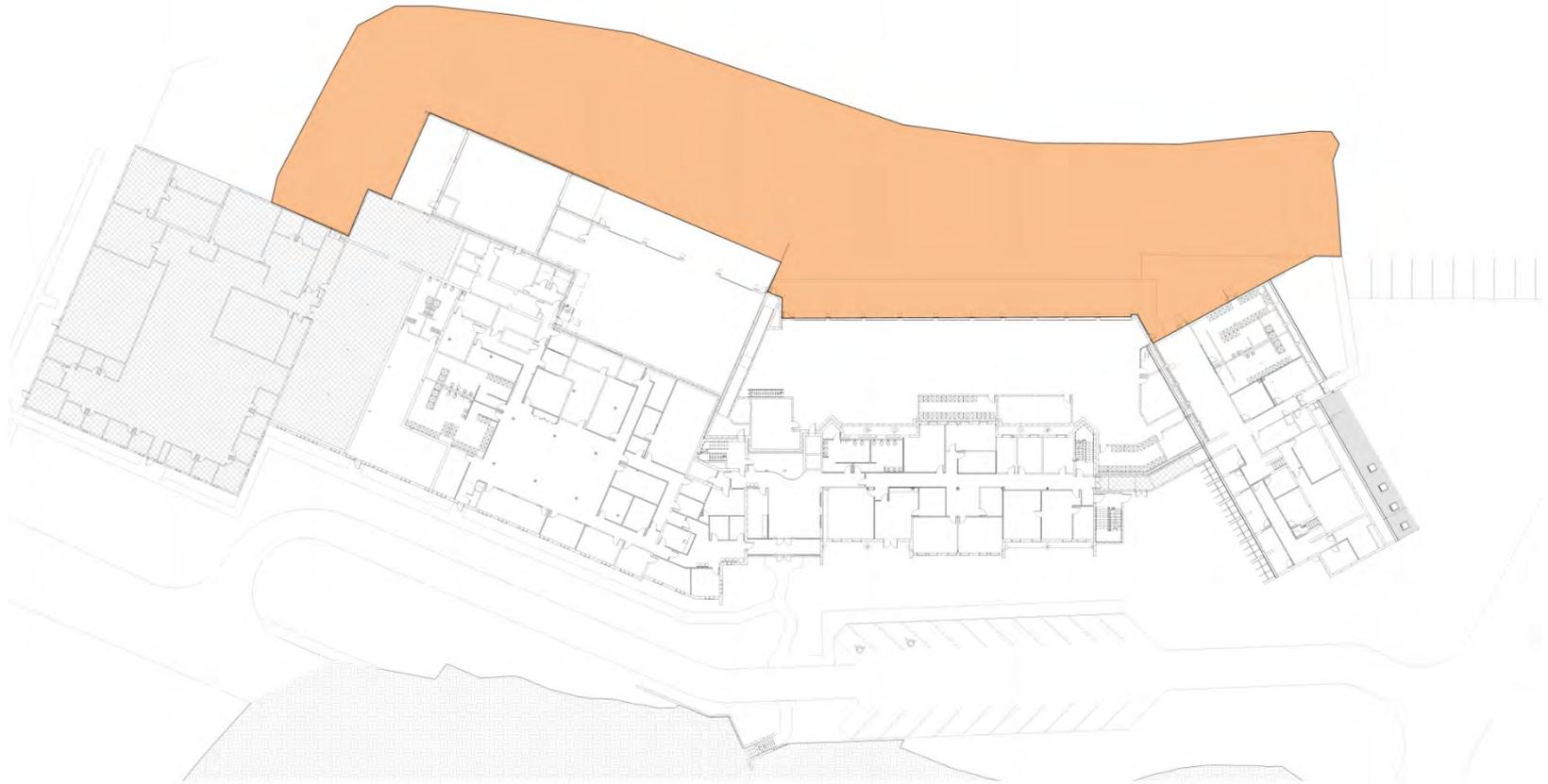




Construction Phase 5 – Fire/EMS Garage Addition

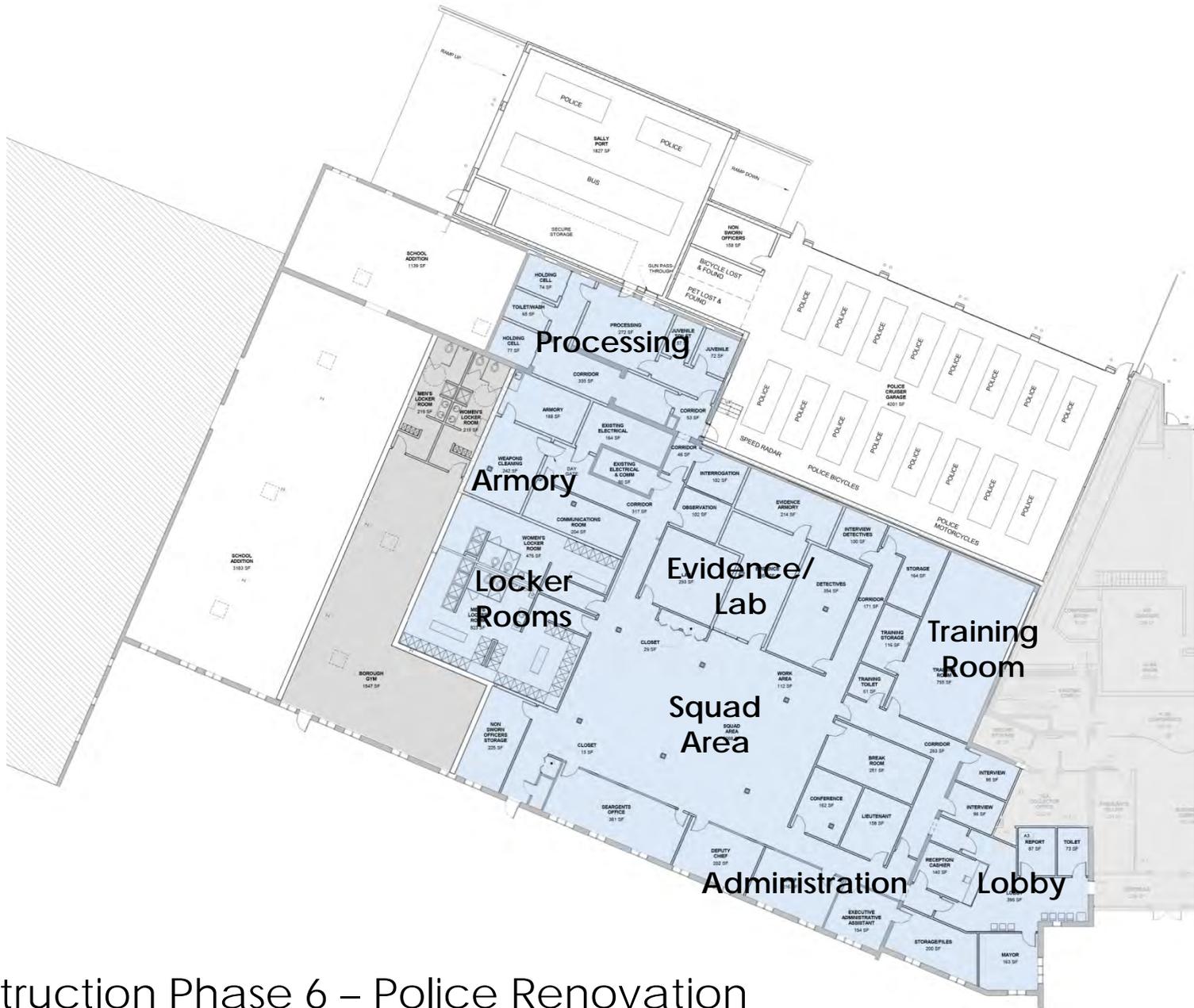
Addition Area = 11,430 SF





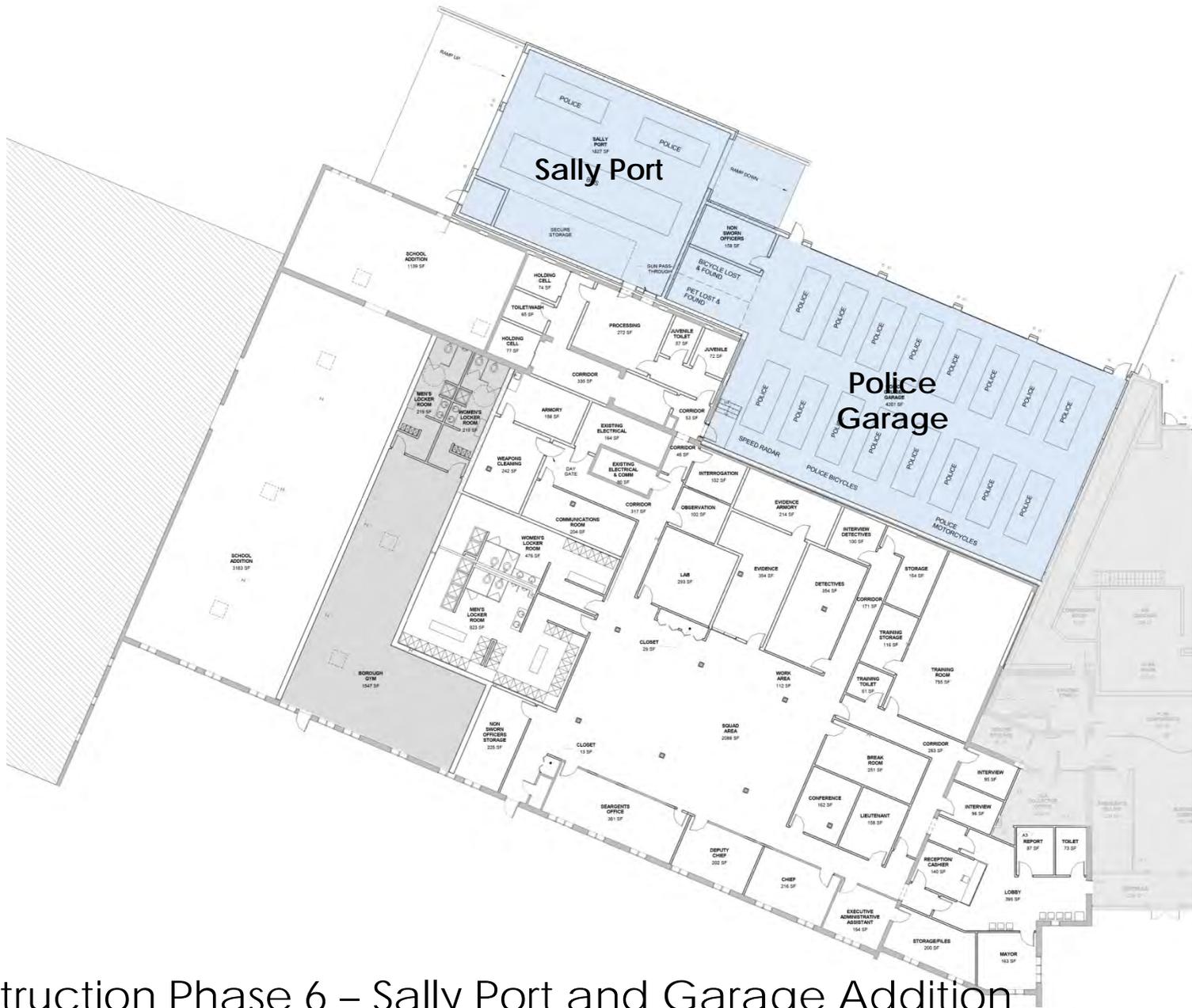
Construction Phase 5 – Site Work/Repave

Site Work Area = 55,000 SF



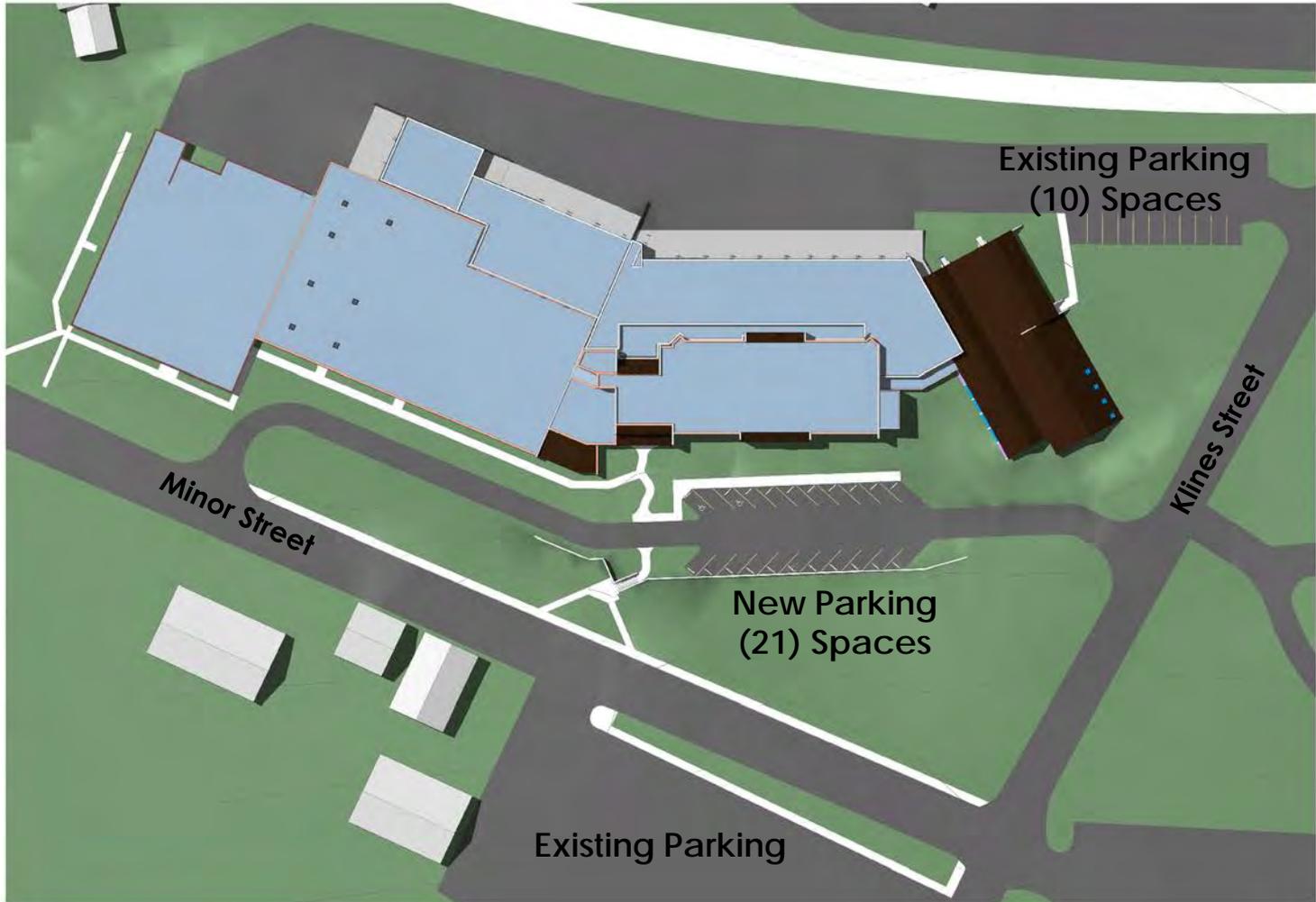
Construction Phase 6 – Police Renovation

Renovation Area = 13,300 SF



Construction Phase 6 – Sally Port and Garage Addition

Addition Area = 6,680 SF



Site Plan



New Addition – South Perspective



New Addition – Northeast Perspective



New Addition – South Perspective



New Addition – Northeast Perspective



New Addition – Aerial Perspective

Borough of Emmaus

Potential Borough Building Renovations & Additions
Opinion of Costs for USA Architects Preliminary Schemes (3/2/16)



March 15, 2016

	PHASE 1	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 5	PHASE 6	PHASE 6
	ADMIN. RENOVATION	GYM RENOVATION	ADMIN. 2 FL. NEW STAIR	FRONT NEW PARKING	FIRE / EMT RENOVATION	FIRE / EMS NEW ADDITION	REAR REPAVE	POLICE RENOVATION	GARAGE / SALLY NEW ADDITION
RENOVATION AREAS: 37,220 SF									
NEW ADDITION AREAS: 18,100 SF									
PROJECT AREA TOTALS: 55,320 SF	9,465	2,200	5,960	17,600	6,775	11,430	55,000	13,300	6,680
DESCRIPTION	/SF								
BUILDING DEMOLITION	\$36,000	\$3,400	\$4,000		\$16,900	\$2,000		\$38,000	\$2,000
SITE WORK				\$320,000			\$292,500		
SHELL & MEP IMPROVEMENTS (New Admin. Stair Incl.)									
CONCRETE			\$15,000			\$128,585			\$68,460
MASONRY			\$22,000			\$64,000			\$42,000
STEEL & MISC. METALS			\$15,000			\$297,890			\$171,140
ROUGH CARPENTRY			\$2,500			\$5,715			\$3,340
MOISTURE PROTECTION						\$25,215			\$18,840
DOORS, WINDOWS, GLASS						\$64,600			\$46,500
EXTERIOR IMPROVEMENTS	\$10,000				\$5,000			\$7,500	
CONVEYING SYSTEMS Elevator upgrades	\$20,000								
FIRE PROTECTION	\$30,761	\$5,000	\$19,370		\$22,019	\$37,148		\$43,225	\$21,710
MECHANICAL									
HVAC	\$94,650	\$10,000	\$59,600		\$67,750	\$29,000		\$133,000	\$33,400
Plumbing	\$50,000				\$40,000	\$60,000		\$90,000	\$30,000
ELECTRICAL	\$85,385	\$10,000	\$53,640		\$60,975	\$91,440		\$119,700	\$53,440
INTERIOR FINISH FIT OUT / RENOVATIONS									
Office & Administration	\$228,555	\$25,000	\$160,920		\$183,600				
Restroom, Locker Rooms, Kitchens	\$65,000				\$130,000			\$97,500	
Police Office								\$340,000	
Police Specialty Areas								\$280,500	
EMS/FIRE/POLICE Garage Areas						\$114,300			\$66,800
Garage Specialty Areas						\$55,000			\$12,500
SUB TOTAL CONSTRUCTION COSTS	\$620,151	\$53,400	\$352,030	\$320,000	\$526,244	\$974,893	\$292,500	\$1,148,425	\$570,230
TOTAL PROJECT COST									\$4,858,773

Cost Estimate Review – Preliminary Opinion Review



THANK YOU!

Discussion

