



ALLENTOWN POLICE DEPARTMENT

FEASIBILITY STUDY

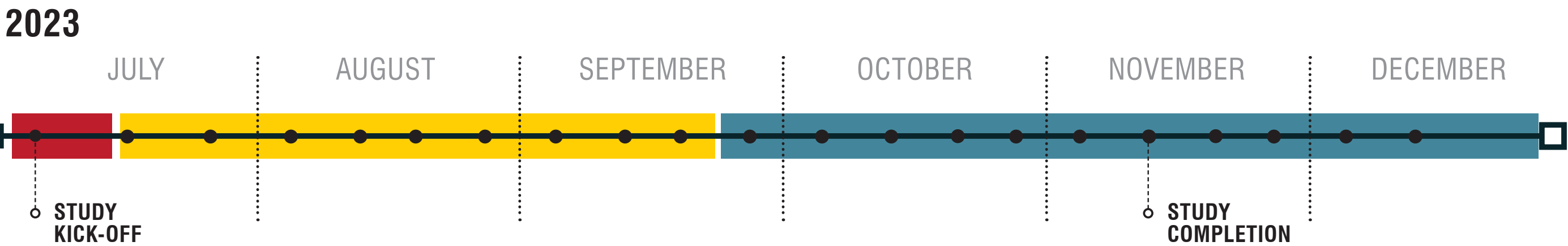
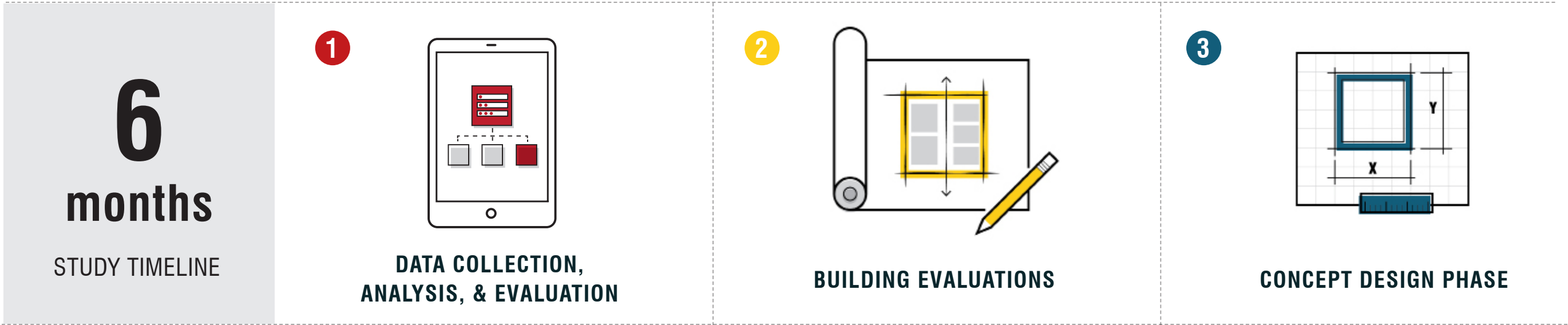
CITY COUNCIL PRESENTATION • FEBRUARY 07, 2024

ALLOY5
ARCHITECTURE



D'HUY Engineering, Inc.
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FEASIBILITY STUDY OVERVIEW



DESIGN TEAM



CITY OF ALLENTOWN

- Michael Becker - *Assistance Chief of Police, Operations*
- Jeb Bortz - *Associate Utility Engineer*
- Jennifer Gomez - *Director of Planning & Zoning*
- James Gress - *Assistant Chief of Police, Support Services*
- Mark Hartney - *Deputy Director*
- Genesis Ortega - *Communications Manager*
- Kyle Pammer - *Captain of Administration*
- David Petrik - *Deputy Director of Public Works*
- Chief Charles Roca - *Chief of Police*
- Jesse Sadiua - *Chief Planner*
- Mark Shahda - *Director of Public Works*
- Matt Tuerk - *Mayor*



ARCHITECT

- Randy Galiotto, AIA - *Principal*
- Tristan Benedict, AIA - *Project Architect*
- Michelle Mozingo - *Senior Designer*
- Christian Hoffer - *Project Manager*
- Bekah Rusnock - *Director of Development*



ENGINEER

- Doug Taylor, AIA, AVS, CDT - *Director of Design Services*
- Dave Derkits, PE - *Director of Mechanical Engineering*
- Dean Batten, PE - *Director of Electrical Engineering*
- Nolan Zambelli, PE - *Director of Plumbing Engineering*

EXISTING PROPERTIES

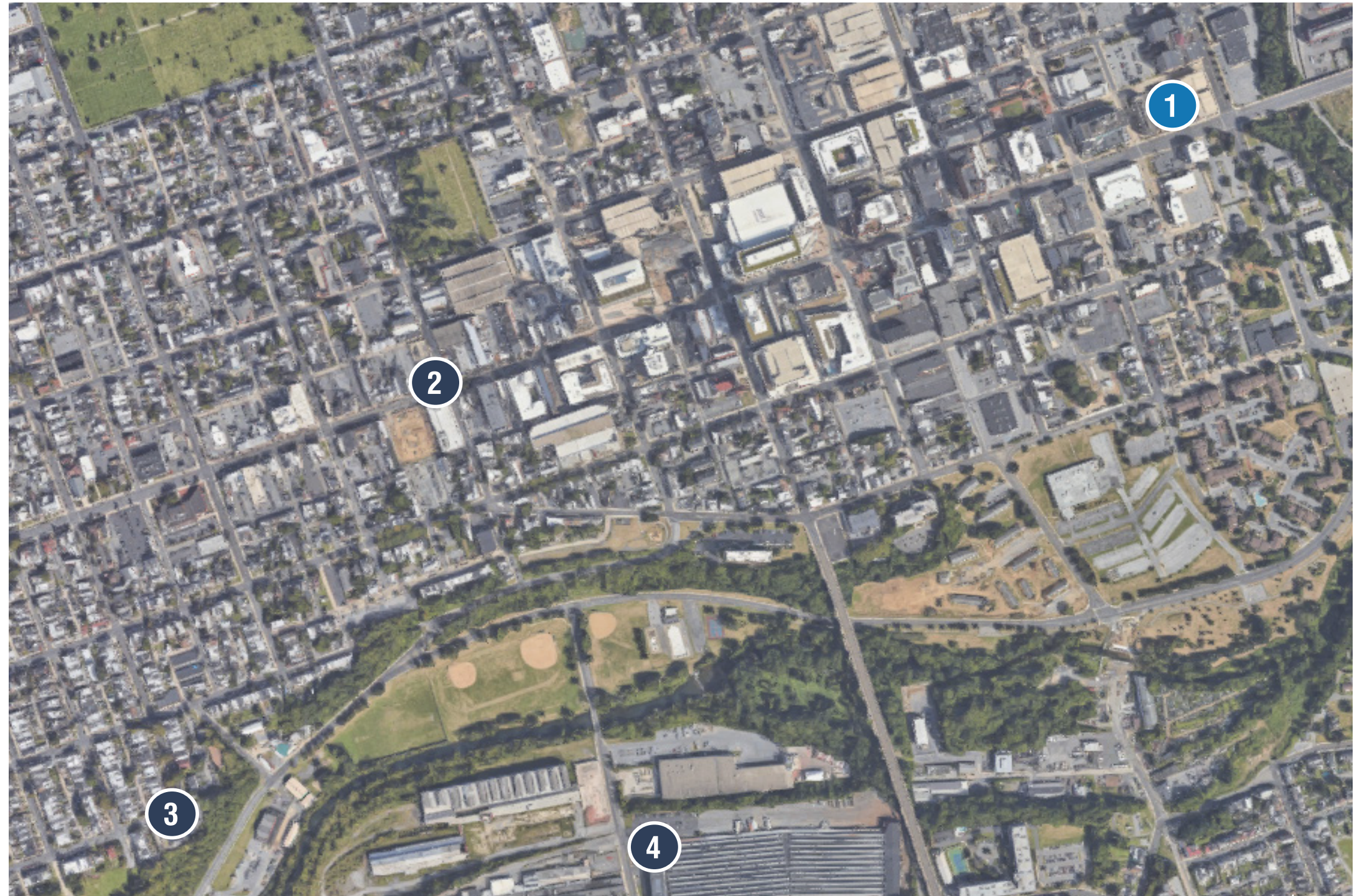
1

Allentown Police Department (APD)
4th Street & W. Hamilton Street



EXISTING PROPERTIES

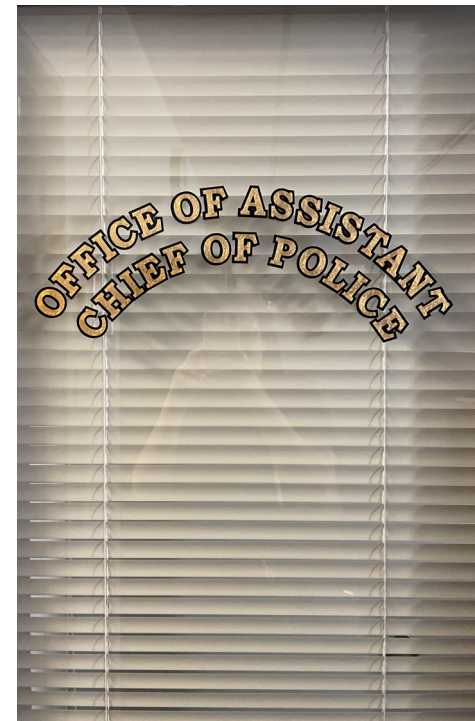
- 1 Allentown Police Department (APD)**
4th Street & W. Hamilton Street
- 2 Allentown Patrol Department**
10th Street & W. Hamilton Street
1.0 mile from APD
- 3 Allentown Police Comm. Center**
13th Street & W. Fairview Street
1.6 miles from APD
- 4 Allentown Public Works**
641 S. 10th Street
1.4 miles from APD



- **CONSTRUCTED IN 1963**
- **BRUTALIST ARCHITECTURAL DESIGN**
- **MID-CENTURY MODERN FINISHES**
- **28,900 TOTAL SF**
- **1,000 SF TWO-STORY COURTROOM NOT IN USE**



ABOVE: 1960S POSTCARD FEATURING ALLENTOWN CITY HALL



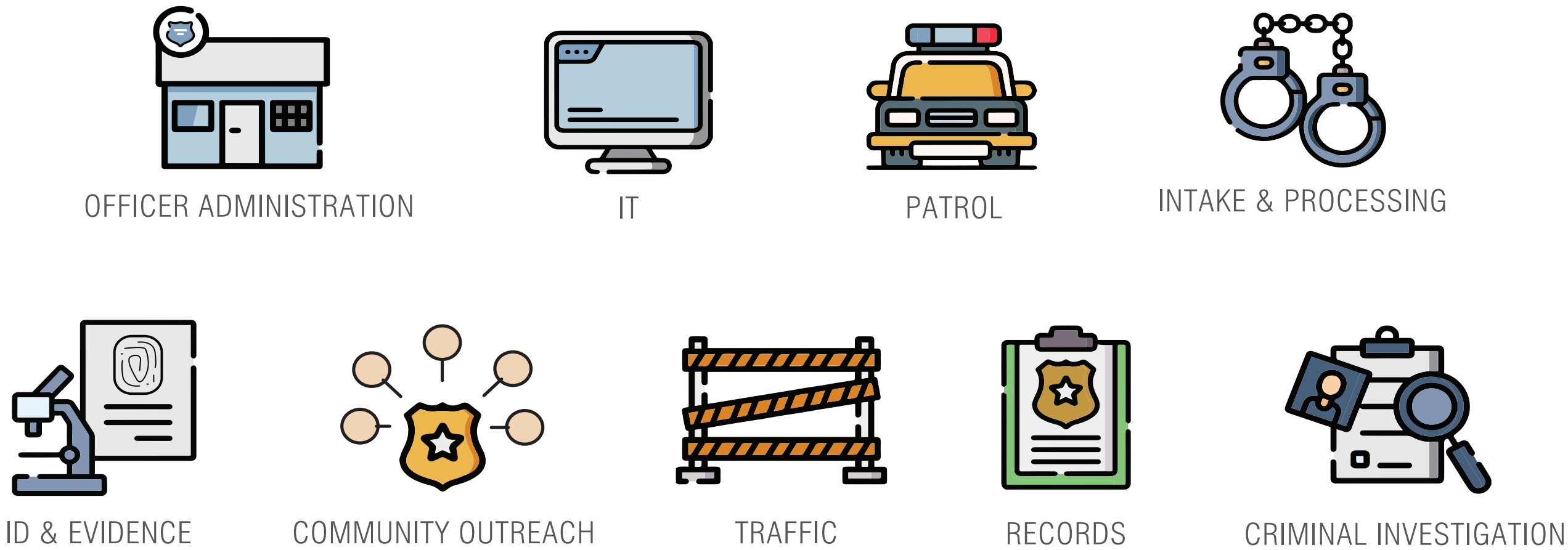
POLICE FORCE



POLICE FORCE



DEPARTMENT BREAKDOWN

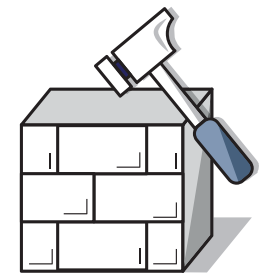


ALLENTOWN POLICE DEPARTMENT

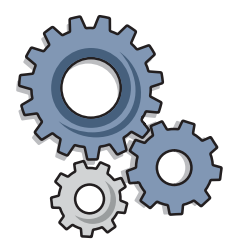
DEFICENCY CATEGORIES



SITE



ARCHITECTURE



**MECHANICAL,
ELECTRICAL, &
PLUMBING**



POLICE SUPPORT

REPORT CARD

● EXCELLENT ● GOOD ● AVERAGE ● POOR ● CRITICAL

4TH STREET & W. HAMILTON STREET

 SITE	 ARCHITECTURE	 MECHANICAL, ELECTRICAL, & PLUMBING	 POLICE SUPPORT
● SIDEWALKS ● PARKING ● ROADWAYS ● SALLY PORT ● ADA / CODE COMPLIANCE	● EXTERIOR WALLS ● ROOF ● INTERIOR WALLS ● WINDOWS ● DOORS ● CEILINGS ● FINISHES ● ADA / CODE COMPLIANCE	● AIR DISTRIBUTION SYSTEMS, AIR HANDLING, & VENTILATION, (HVAC) ● FIRE PROTECTION/SPRINKLERS ● EXTERIOR & INTERIOR LIGHTING ● ELECTRICAL DISTRIBUTION ● EMERGENCY / STANDBY POWER ● FIRE ALARM SYSTEM ● COMMUNICATIONS / DATA ● WATER DISTRIBUTION SYSTEM ● HOT WATER HEATERS ● PLUMBING SYSTEMS & FIXTURES	● SECURITY & ENTRY SEQUENCE ● STORAGE ● LOCKERS ● ACOUSTIC PRIVACY ● VISUAL PRIVACY ● EQUIPMENT ● TECHNOLOGY

ALLENTOWN POLICE DEPARTMENT

PROPOSED SOLUTION

LOCATION CRITERIA	
	All staff under one roof
	Adjacent to government quarter
	In the heart of the city
	Ample parking
	City-owned property

POTENTIAL SITES

- 1a

Allentown Police Department (APD) Renovation
4th Street & W. Hamilton Street
- 1b

Allentown Police Department (APD) Renovation & Addition
4th Street & W. Hamilton Street
- 2

Hamilton Tower
404 W. Hamilton Street
< .5 mile from APD
- 3

Historic Allentown Train Station
300 W. Hamilton Street
< .5 mile from APD
- 4

Historic Allentown Post Office
442 W. Hamilton Street
< .5 mile from APD
- 5

Lehigh County Prison Parking Lot
38 N. 4th Street
< .5 mile from APD
- 6

The Waterfront Lehigh Valley
600 Block of Waterfront Drive
1.2 miles from APD



ALLENTOWN POLICE DEPARTMENT

PROPOSED SOLUTION

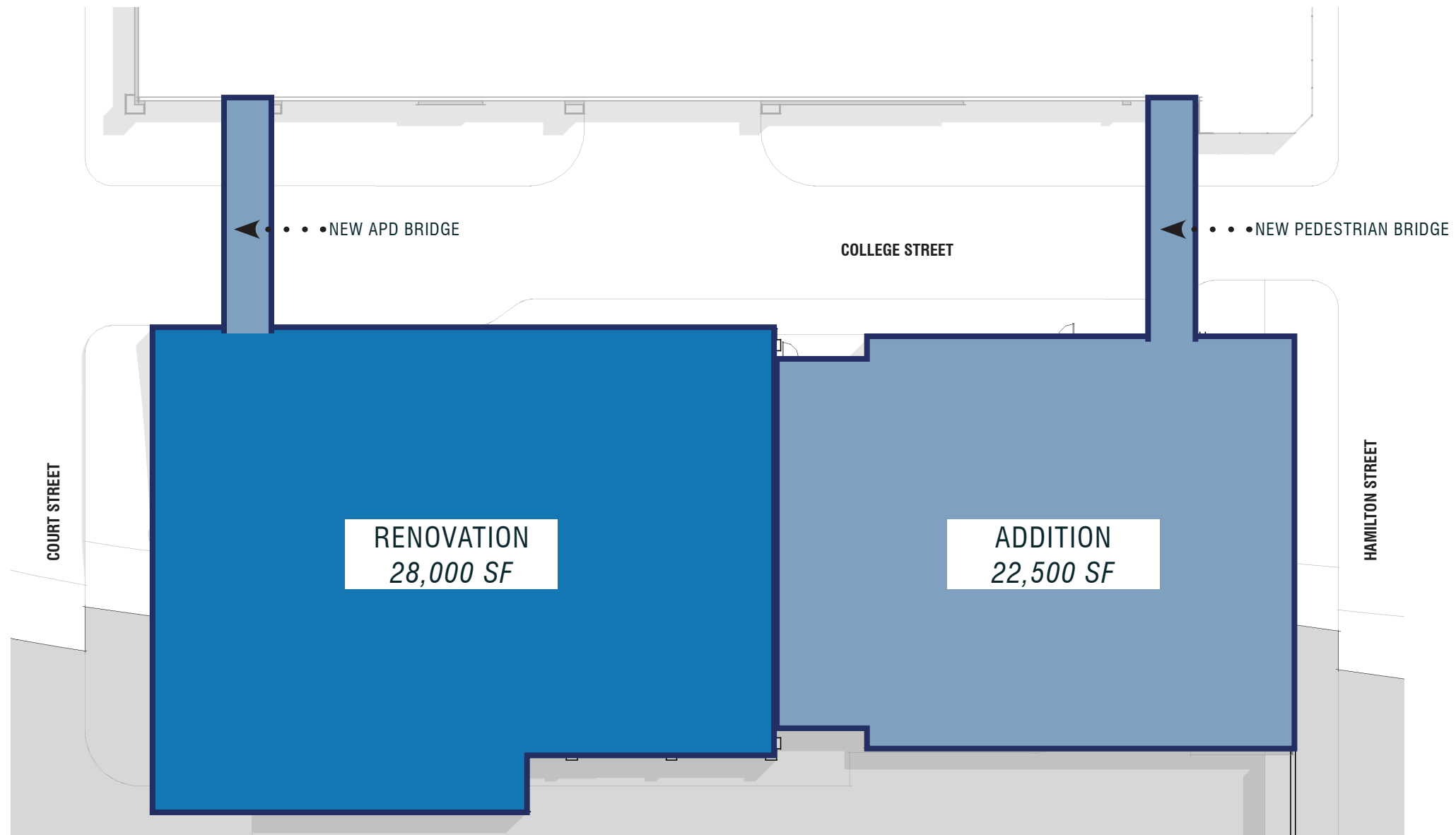
1b ALLENTOWN POLICE DEPARTMENT	
<i>PROJECT: RENOVATIONS & ADDITION</i>	
✓	All staff under one roof
✓	Adjacent to government quarter
✓	In the heart of the city
✓	Ample parking spots
✓	City-owned property



ALLENTOWN POLICE DEPARTMENT

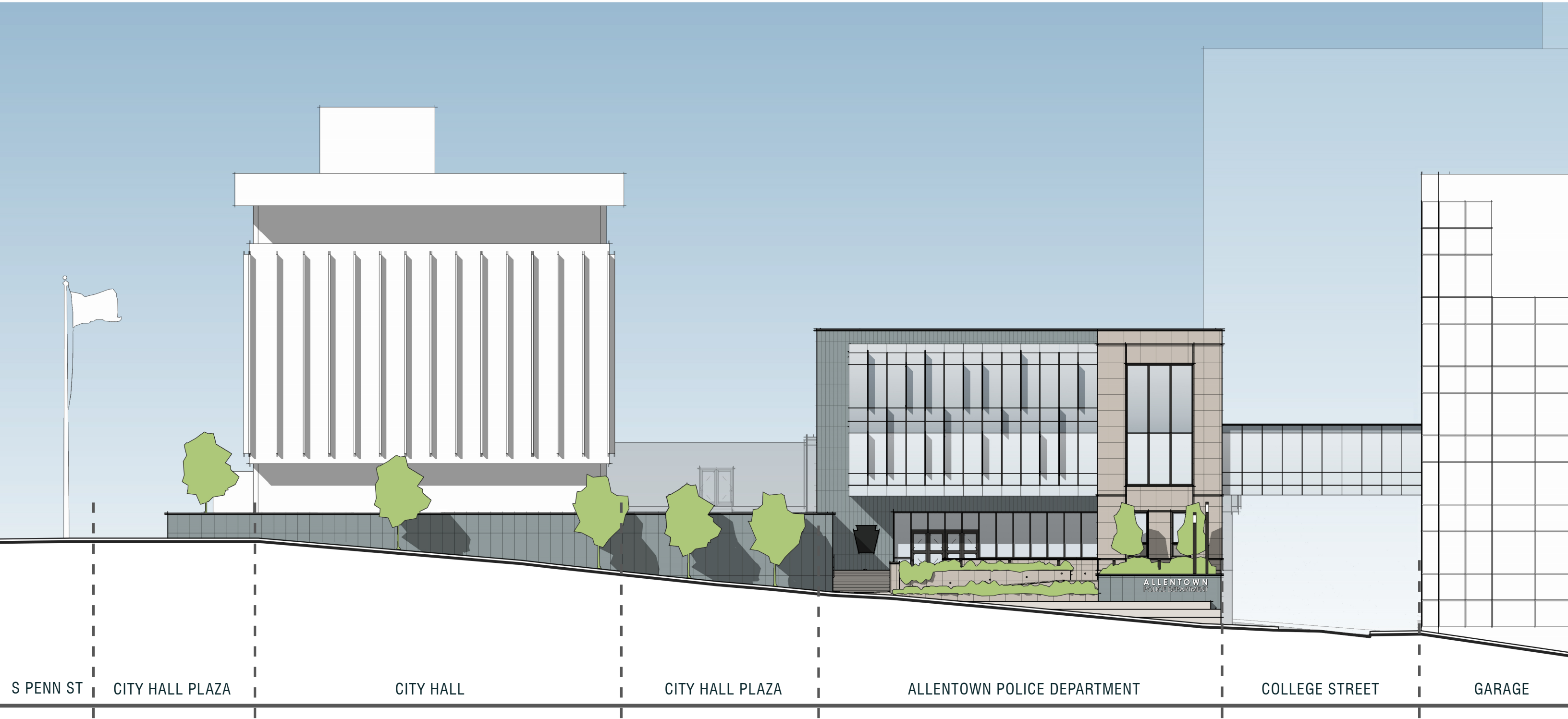
4TH STREET & W. HAMILTON STREET

PROPOSED TOTALS
204 TOTAL STAFF MEMBERS
250 PLANNED CAPACITY
50,500 SF TOTAL SQUARE FOOTAGE INCLUDING SALLY PORT



ALLENTOWN POLICE DEPARTMENT

4TH STREET & W. HAMILTON STREET

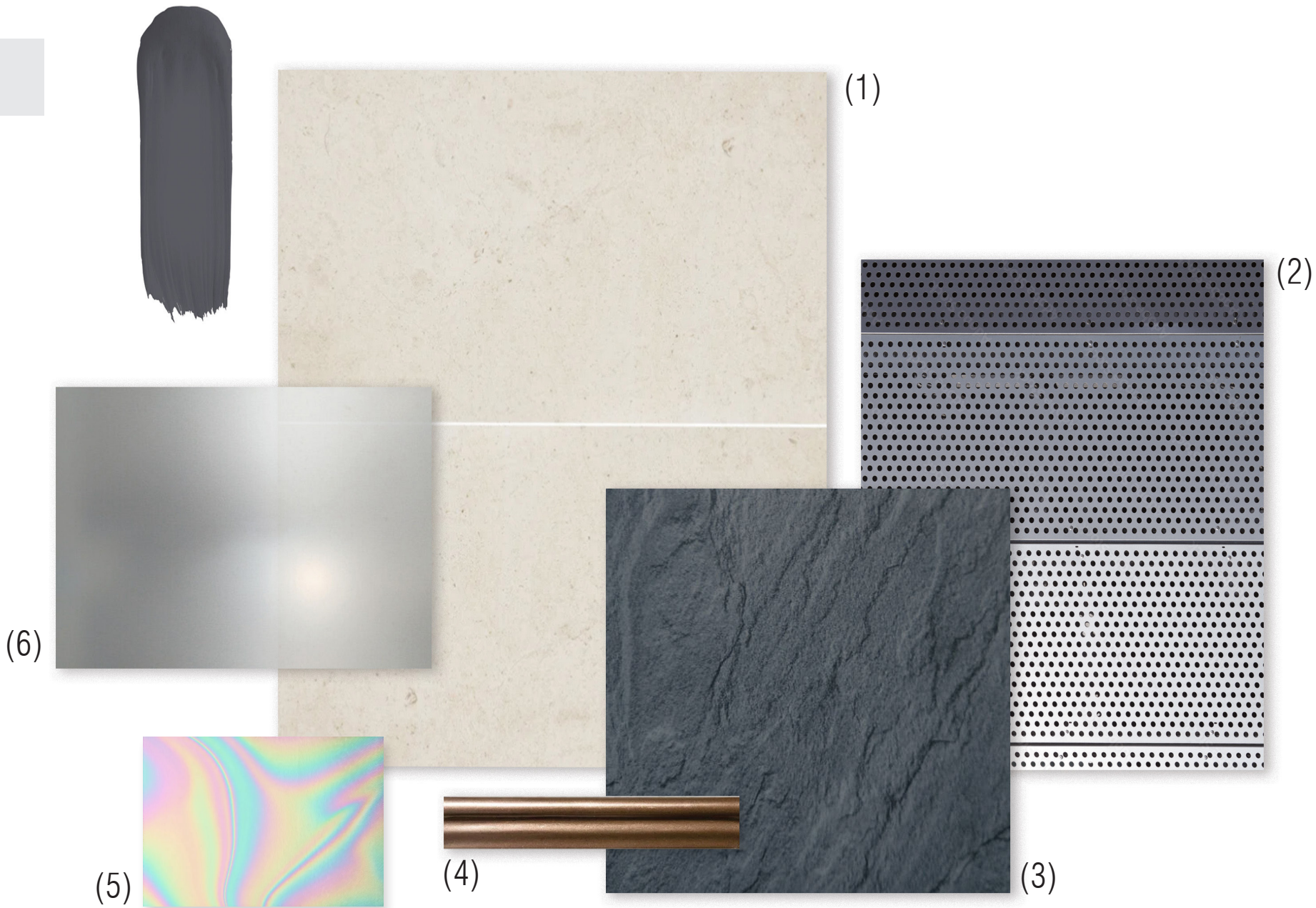


ALLENTOWN POLICE DEPARTMENT

4TH STREET & W. HAMILTON STREET

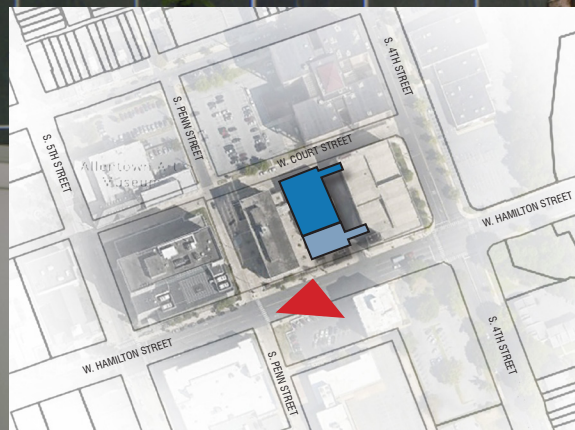
MATERIAL STUDY

- 1. Limestone cladding
- 2. Metal mesh screening
- 3. Slate slabs
- 4. Bronze accents
- 5. Diochromatic fins
- 6. Reflective, bulletproof glass









ALLENTOWN POLICE DEPARTMENT

PROBABLE COST

	Budget - Low	Budget - High
NEW CONSTRUCTION <i>(including sitework)</i>	\$12,295,000	\$14,660,000
RENOVATION	\$11,175,000	\$15,943,000
TOTAL CONSTRUCTION COSTS*	\$23,470,000	\$30,603,000
TOTAL SOFT COSTS	\$ 2,327,780	\$ 3,026,300
PROJECT CONTINGENCY - 10%*	\$ 2,597,778	\$ 3,362,900
TOTAL PROJECT COSTS	\$28,377,558	\$36,991,900

ESCALATION *(5% per year**)*

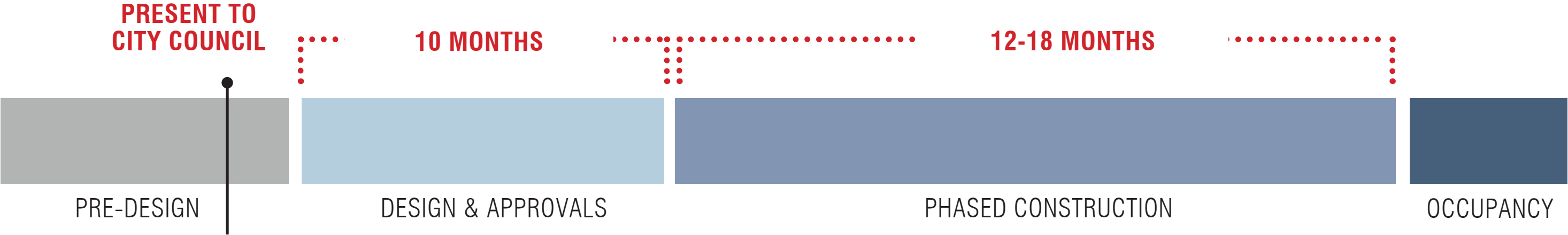
BID YEAR 2025	\$38,826,365
BID YEAR 2026	\$40,767,683
BID YEAR 2027	\$42,806,067

* 10% Contingency added to Total Project Costs to anticipate unforeseen items.
** Bid year represents last quarter. 5% escalation factors in projected inflation rates

ALLENTOWN POLICE DEPARTMENT

NEXT STEPS

TIMELINE AND PHASING



“
This building will showcase APD pride.

We engage the community, build trust, and work together.”

— APD SERGEANT





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POLICE DEPARTMENT

THANK YOU

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ARCHITECTURE



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