

# SHEBOYGAN PUBLIC SAFETY DEPARTMENTS:

SCHEMATIC DESIGN PROGRESS UPDATE

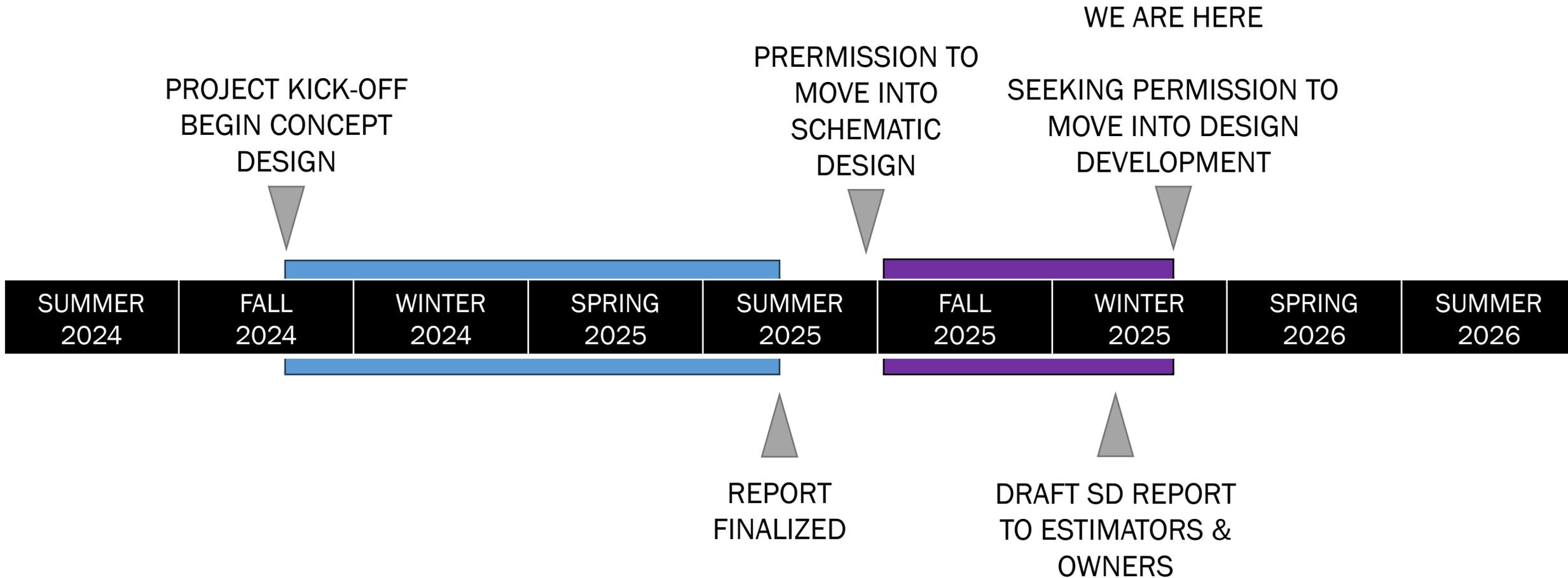
MARCH 10, 2026



# PRESENTATION OUTLINE

- Project to-date
- Schematic Design Plans
  - Fire Station 3
  - Training:
    - Live Fire Burn Building
    - “Dirty Classroom” and Firing Range
  - Police Expansion
  - Fire Station 2
- What’s Next?

# PROJECT TO-DATE



# PROJECT TO-DATE

## WHAT WAS COVERED: BIG PICTURE ITEMS

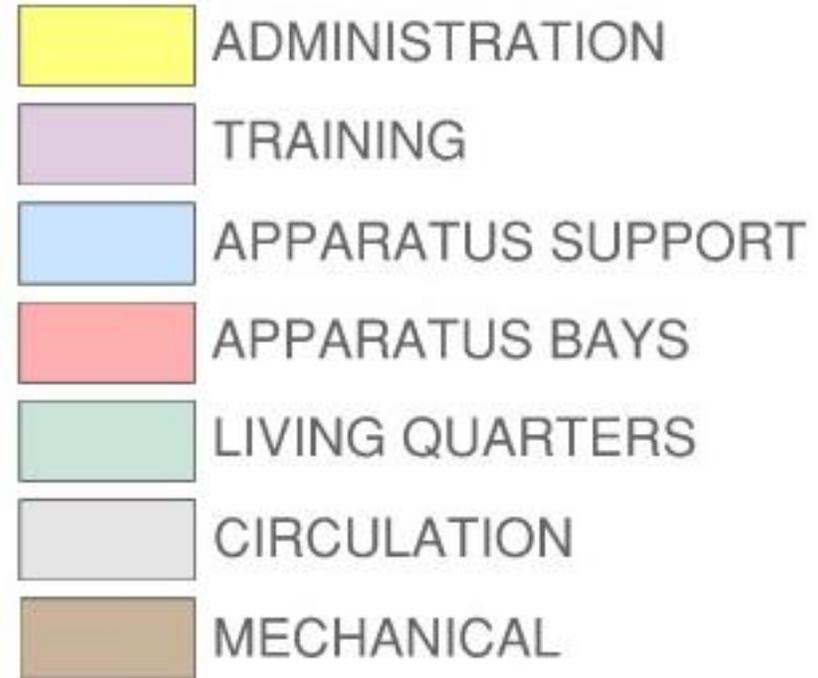
- Architecture:
  - Move concepts into floor plans
    - Several review of plans
  - Began to develop massing & exterior elevations
    - Station 3
    - Station 2
  - Determined Construction Types for each building
  - Interior Benchmarking
    - Began to review flooring types
- Systems Engineering:
  - Determined mechanical systems
    - Zoning
  - Electrical Requirements
  - Plumbing & Fire protection
- Civil / Site
  - Began to develop site plans
- Specialty Design:
  - Training Tower site development
  - Firing Range
- Geotechnical borings complete

# SCHEMATIC DESIGN



# SCHEMATIC DESIGN

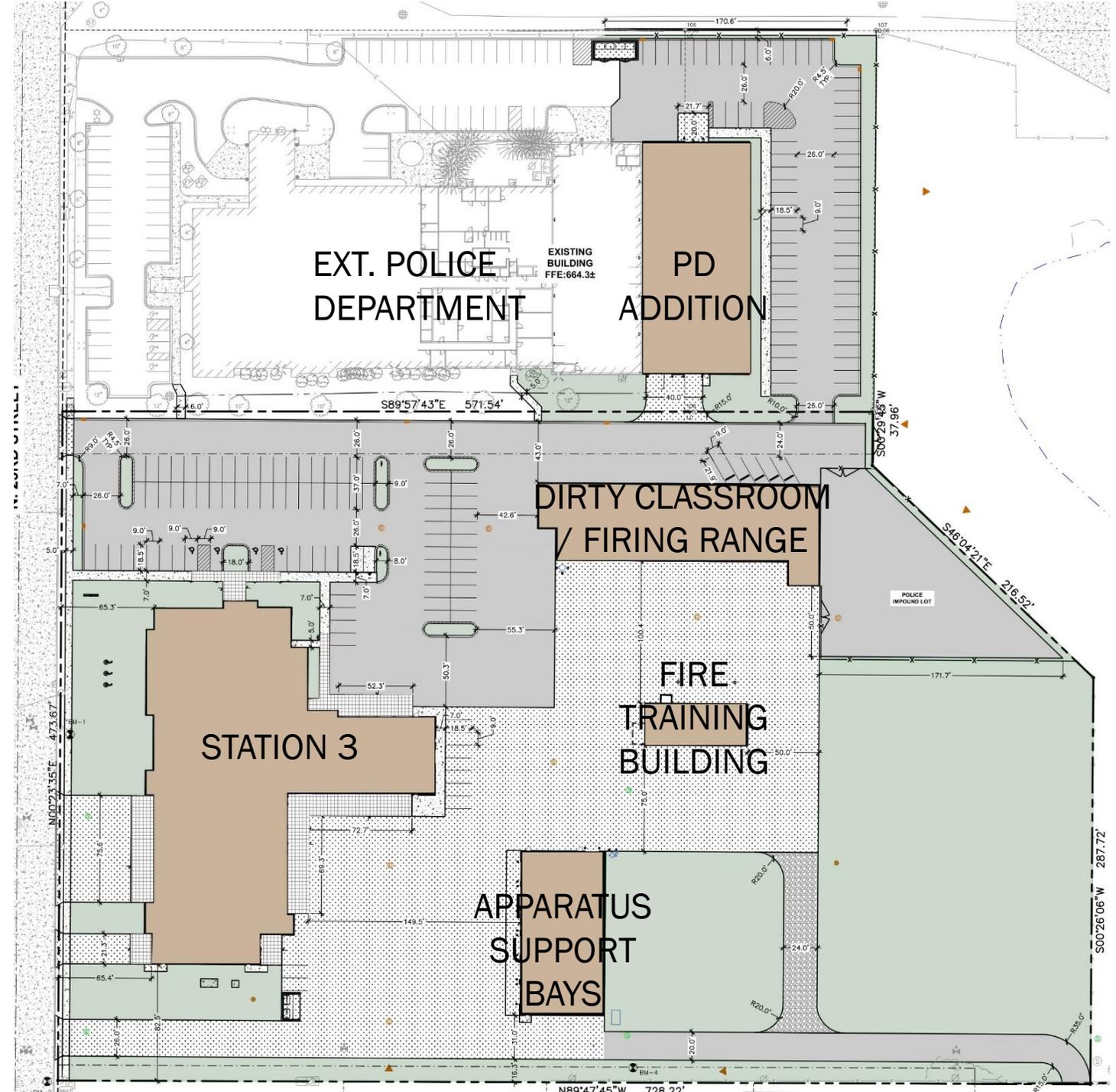
- Plans are drawn to a 20% level
- Check Set
- Walls, windows, doors
- Beginning to determine:
  - Casework
  - Equipment
- Focusing on flow & basic function



# SCHEMATIC DESIGN:

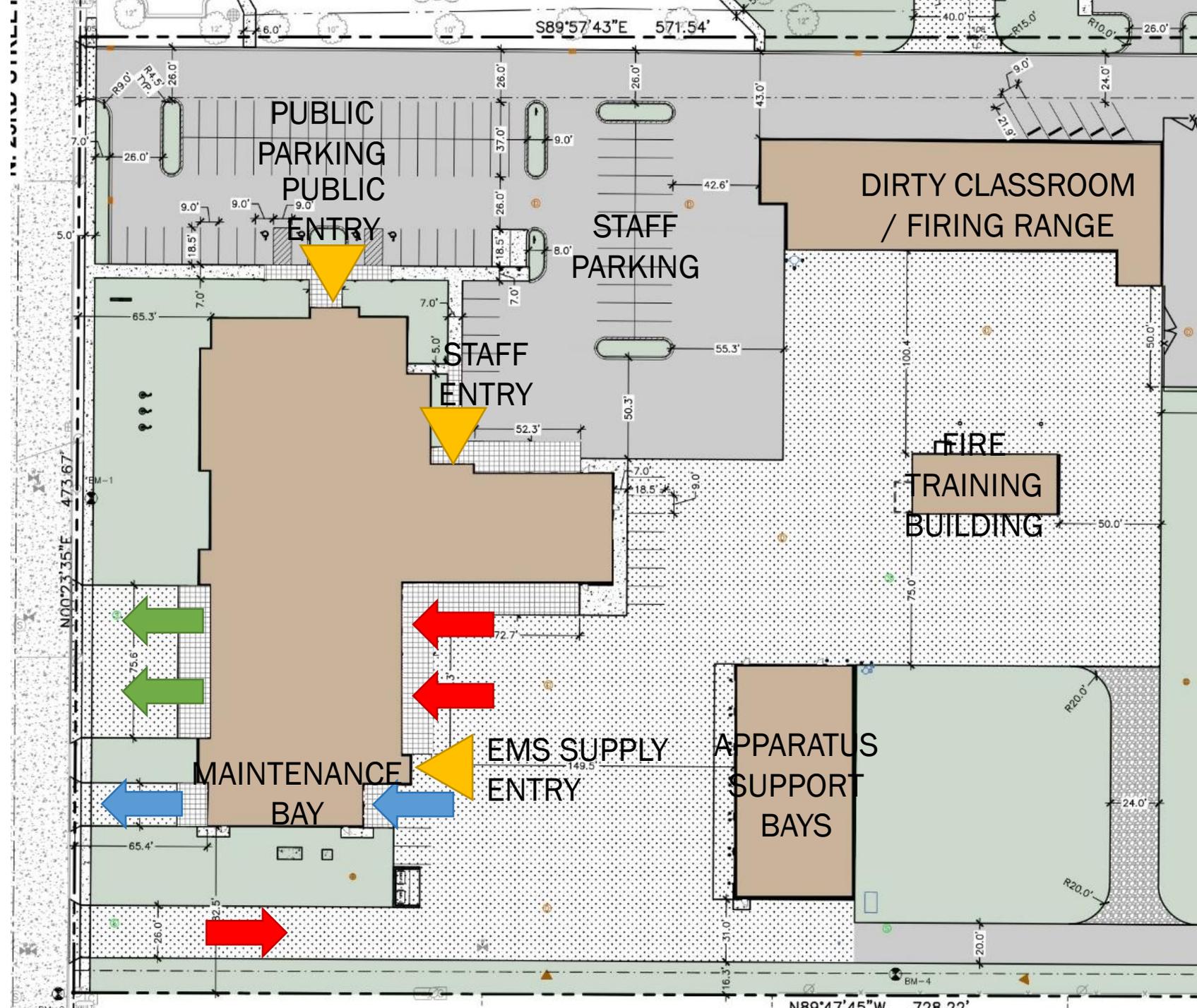
## PUBLIC SAFETY COMPLEX

- Building A: Station 3
- Building B: Apparatus Support Bays
- Building C: Fire Training Building
- Building D: Dirty Classroom Firing Range
- Building E: PD Expansion



# SCHEMATIC DESIGN:

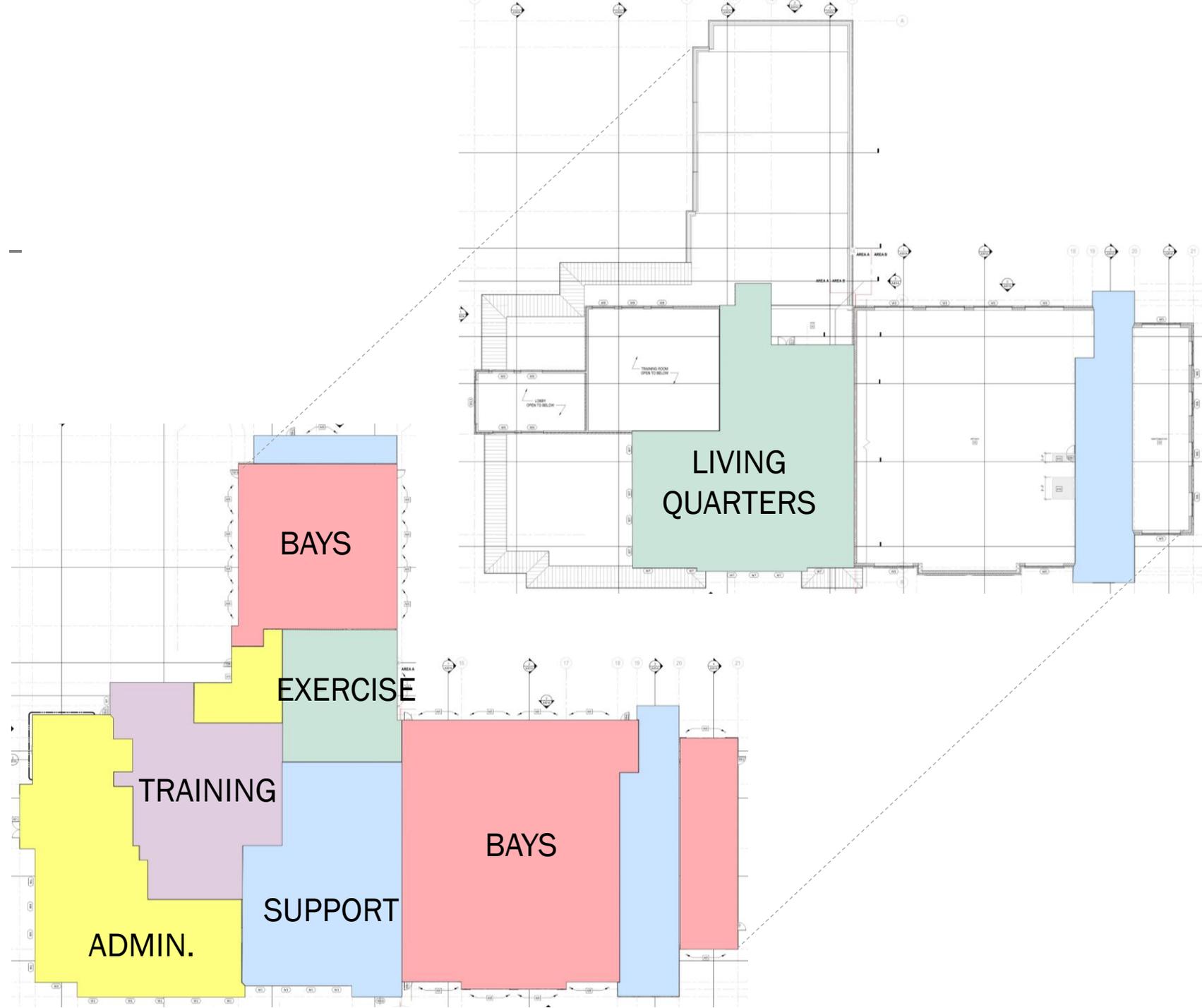
## PUBLIC SAFETY COMPLEX



# SCHEMATIC DESIGN:

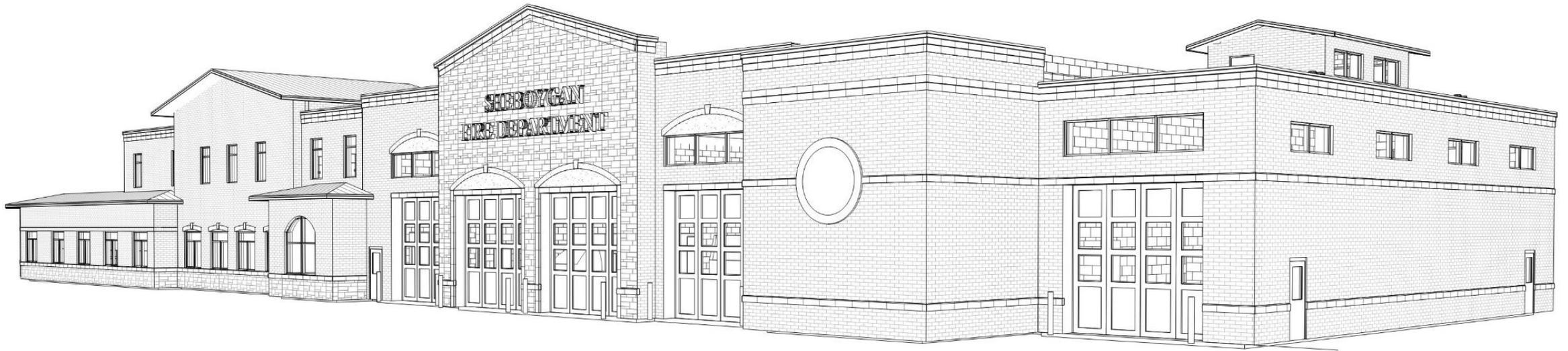
## PUBLIC SAFETY COMPLEX - STATION 3 PLAN

- 2-Stories
- 37,858 SF
- Key features:
  - Training room:
    - EOC
    - Voting
  - PD can share exercise
  - Department maintenance bay



# SCHEMATIC DESIGN:

PUBLIC SAFETY COMPLEX -  
STATION 3 PLAN



*\*Exterior elevations are at a preliminary level of design. Materials and features are subject to change throughout the remainder of the design process.*



# SCHEMATIC DESIGN:

## PUBLIC SAFETY COMPLEX - FIRE TRAINING TOWER

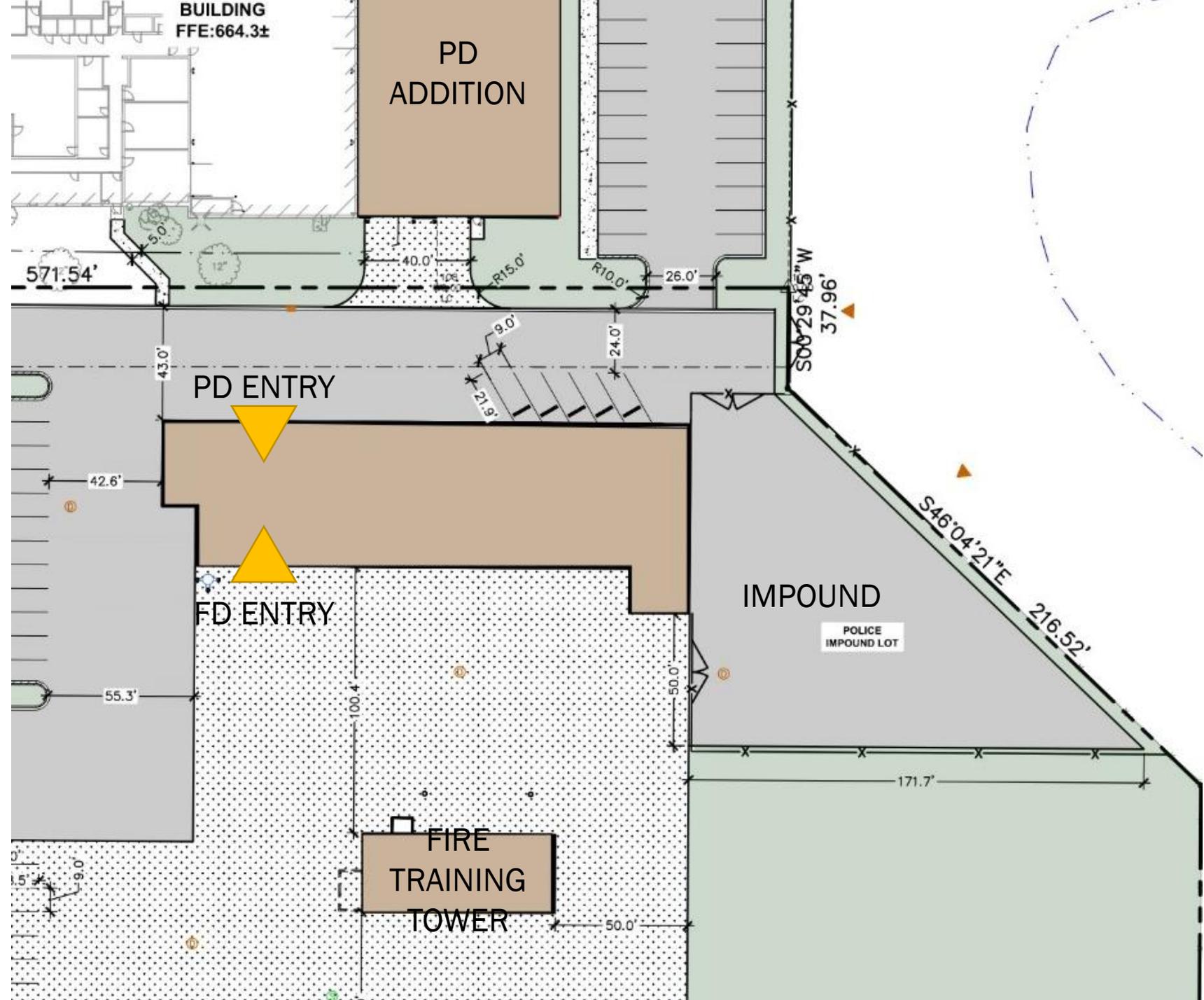
- 5-Stories
- Live-fire training
- Can be used by:
  - Fire
  - Public Works
    - Trench Rescue Training



# SCHEMATIC DESIGN:

## PUBLIC SAFETY COMPLEX

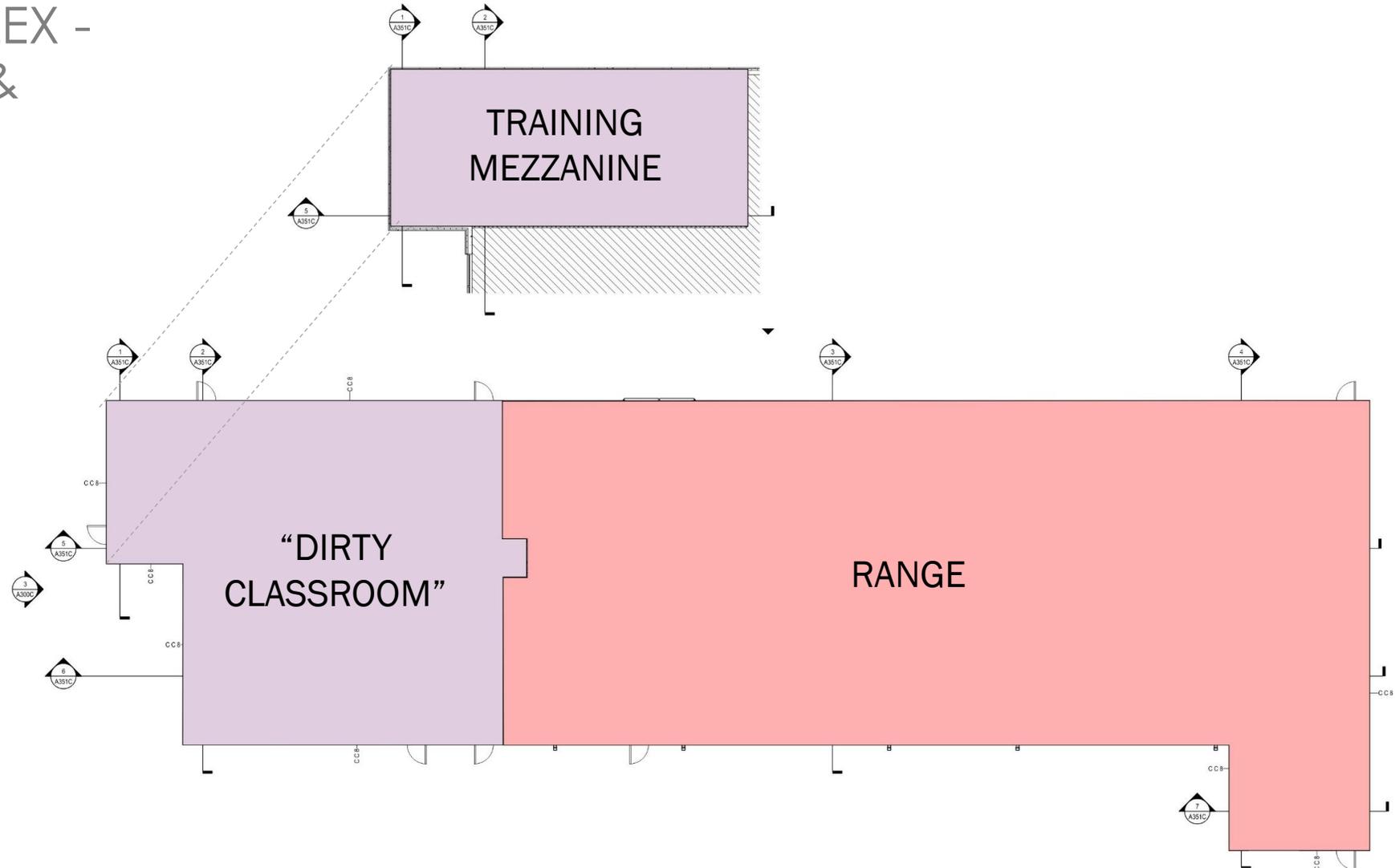
- Will use Station 3 Parking
- To be used by FD, PD, and DPW



# SCHEMATIC DESIGN:

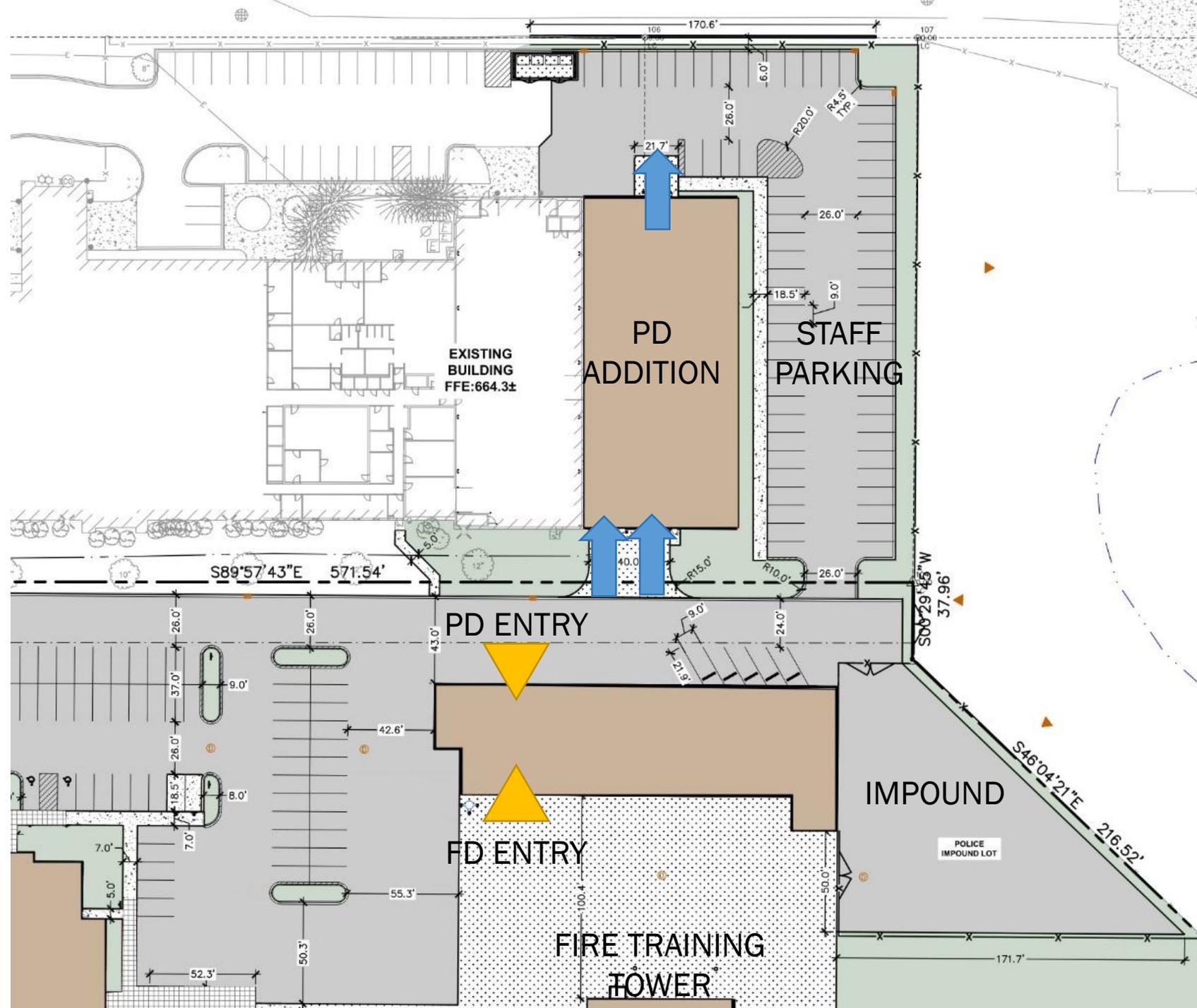
## PUBLIC SAFETY COMPLEX - “DIRTY CLASSROOM” & FIRING RANGE

- Single-story
  - Training mezzanine
- “Dirty Classroom”
  - Used by:
    - PD
    - FD
    - Public Works
- Decon for FD
- Live-Fire Range



# SCHEMATIC DESIGN:

PUBLIC SAFETY COMPLEX



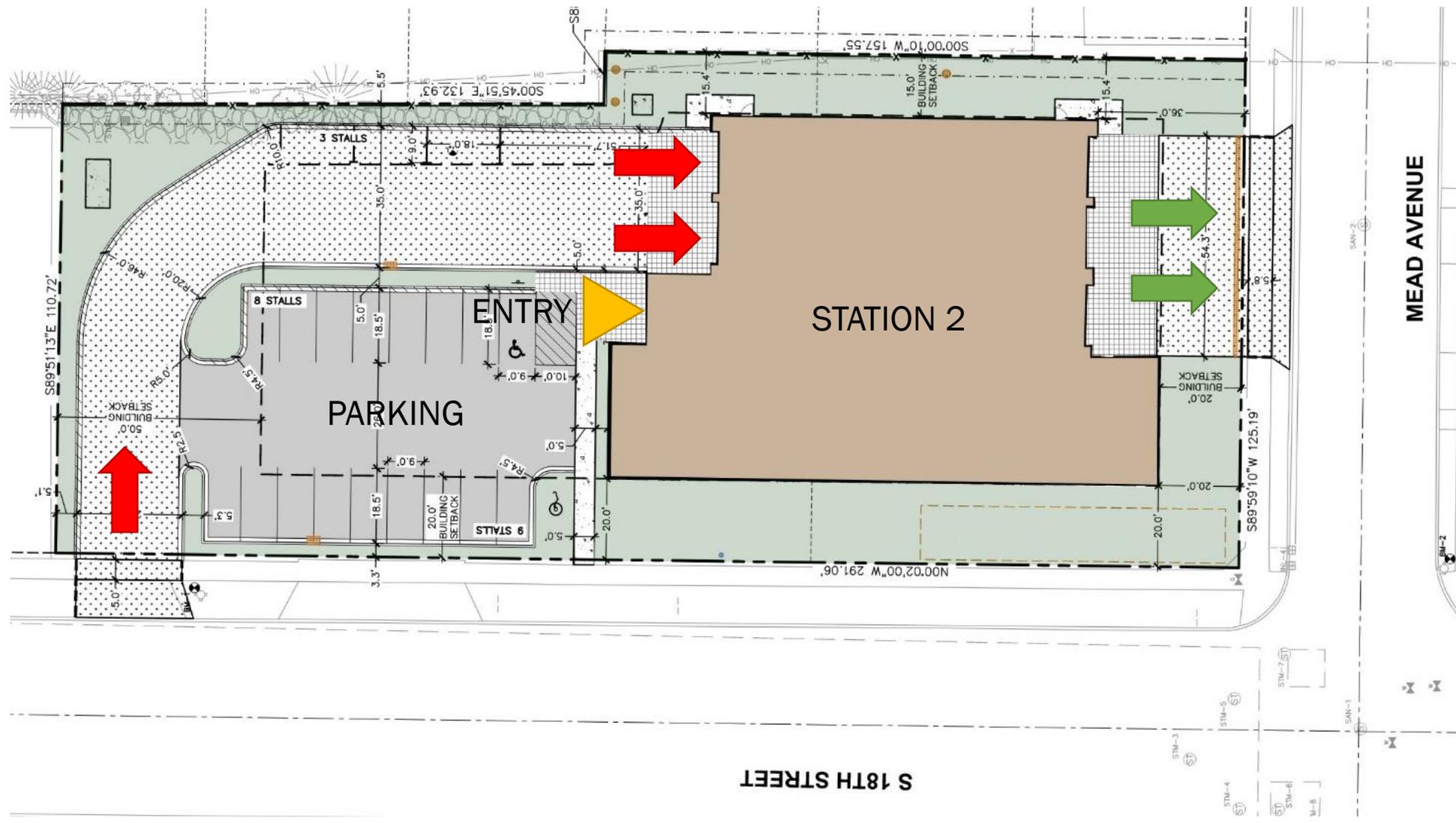
# SCHEMATIC DESIGN:

## PUBLIC SAFETY COMPLEX - POLICE EXPANSION

- Single-story
  - Mezzanine
- Fleet Storage
- Evidence Storage
- Maintenance Storage

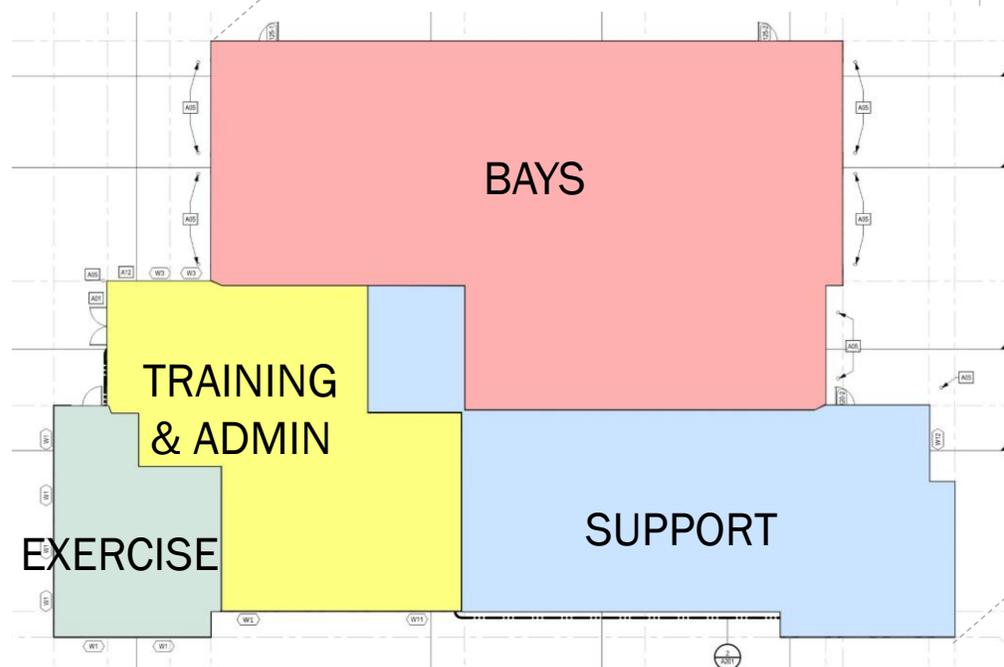


# SCHEMATIC DESIGN: STATION 2 SITE



# SCHEMATIC DESIGN: STATION 2 SITE

- 2-Stories
- 15,355 SF
- Key features:
  - Conference room:
    - Voting



# SCHEMATIC DESIGN:

STATION 2 SITE



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# SPACE NEEDS ANALYSIS vs CONCEPT

SPACE	PROGRAMMED	CONCEPT	DESIGNED
STATION 3	50,920 SF	42,480 SF	37,585 SF
“DIRTY” CLASSROOM & FIRING RANGE	10,801 SF	12,605 SF	12,165 SF
PD EXPANSION	11,110 SF	15,285 SF	12,483 SF
STATION 2	13,225 SF	14,020 SF	15,355 SF

**WHAT'S NEXT?**



# WHAT'S NEXT?:

We Are Here:



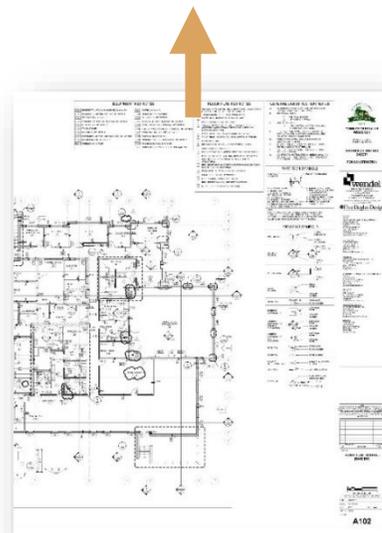
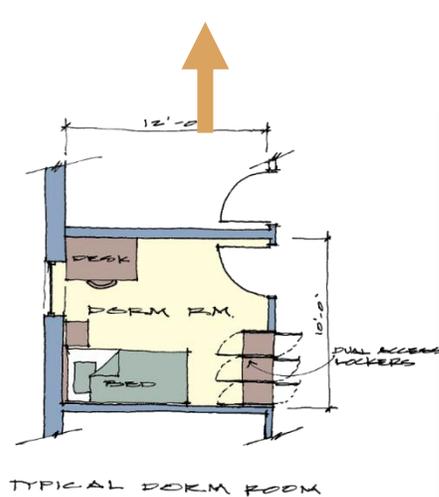
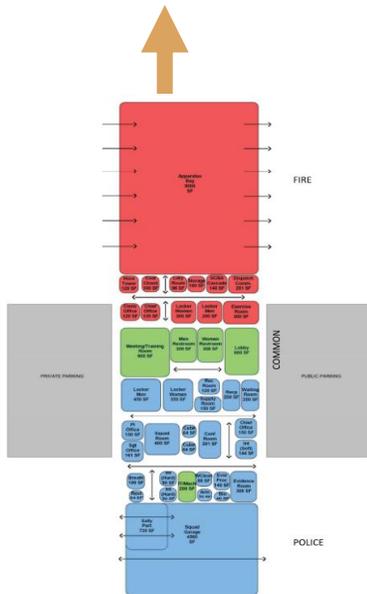
Concepts  
(Estimate)

Schematic  
Designs  
(Estimate)

Design  
Development  
(Estimate)

Construction  
Documents

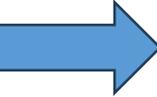
Bidding  
Construction  
Occupancy



# WHAT'S NEXT?:

## SCHEMATIC DESIGN:

- Big picture items
- Confirming size, massing, general systems



## DESIGN DEVELOPMENT:

- Details of design
- Specifics of systems, features, materials

## CONSTRUCTION DOCUMENTS:

- Details of construction

## WE WILL WORK THROUGH:

- Mechanical, Electrical, Plumbing:
  - Complete systems review
  - Selected fixtures
  - IT
- Site:
  - Site layout
  - Parking
  - Landscaping
- Architecture:
  - Training
  - Room by room – Interior elevations
  - Door hardware
  - Interior finishes

# PROPOSED SCHEDULE



# SD LEVEL ESTIMATE

# SCHEMATIC DESIGN ESTIMATE

	INITIAL CONCEPT ESTIMATES (NOV. 2024)	REDUCED CONCEPT ESTIMATE (AUG. 2025)	SCHEMATIC DESIGN (20%) ESTIMATE
STATION 3	\$24,635,114	\$27,638,215	\$26,071,044
FIRE TRAINING FACILITY	\$40,000,000	\$1,721,763	\$3,271,752
DIRTY CLASSROOM & FIRING RANGE		\$10,593,253	\$9,373,852
POLICE EXPANSION	N/A	\$8,271,773	\$5,124,075
STATION 2	\$8,476,225	\$8,525,785	\$9,724,820
TOTAL	\$73,111,339	\$56,750,789	\$53,565,542

# QUESTIONS?



# Thank you.



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 **Five Bugles Design** +  **Mitchell Associates Architects**



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Architects**