

PUBLIC PRESENTATION



VERONA EMERGENCY SERVICES

POLICE DEPARTMENT, FIRE DEPARTMENT - CO. #2, RESCUE SQUAD



WHAT WE ARE PROPOSING ?



The Township of Verona is requesting, that action be taken to resolve longstanding facilities issues affecting the Police, Fire and Rescue Squad. Over the years, several plans have been evaluated for each of the Departments, yet little has been brought to fruition.

THE PROPOSED PLAN ENTAILS THE ESTABLISHMENT OF A UNIFIED SOLUTION THAT SEAMLESSLY INTEGRATES THE POLICE, FIRE, AND RESCUE DEPARTMENTS INTO A SINGULAR EMERGENCY SERVICES BUILDING.

THIS CONSOLIDATION NOT ONLY FACILITATES THE SHARING OF PROGRAM SPACES AND SERVICES BUT ALSO SERVES AS A STRATEGIC MEASURE TO CONTROL COSTS EFFECTIVELY.

HOW DID WE GET HERE ?

- » The NEEDS of PD, Fire & Rescue have existed for DECADES. The average age of the three facilities is **90.7 YEARS OLD**.
 - » POLICE BUILDING - oldest section 101 years old.
 - » FIRE DEPARTMENT - oldest section is 74 years old.
 - » RESCUE SQUAD - oldest section is 97 years old.
- » Since 2015, Solutions Architecture has actively worked with the Township to explore potential improvements to the PD, FD-No.2 and Rescue Squad.
- » The township has explored over 20+ Township, County, BOE owned and private property locations that might fit any one of the departments, with little success.
- » In April of 2023 the Township acquired two adjacent parcels at 217/225 Pompton Ave.



THE NEED

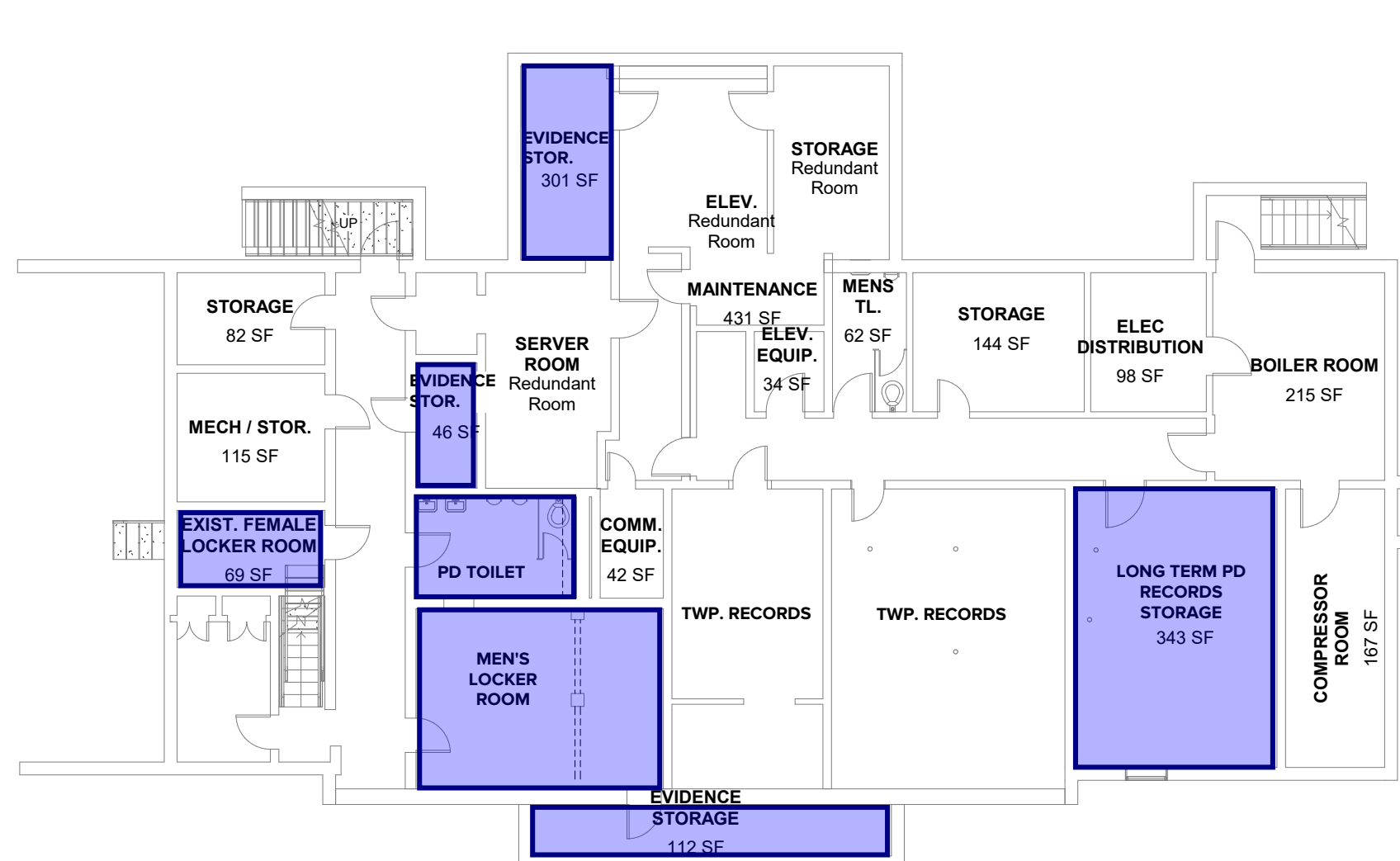
VERONA POLICE DEPT

 SOLUTIONS
ARCHITECTURE

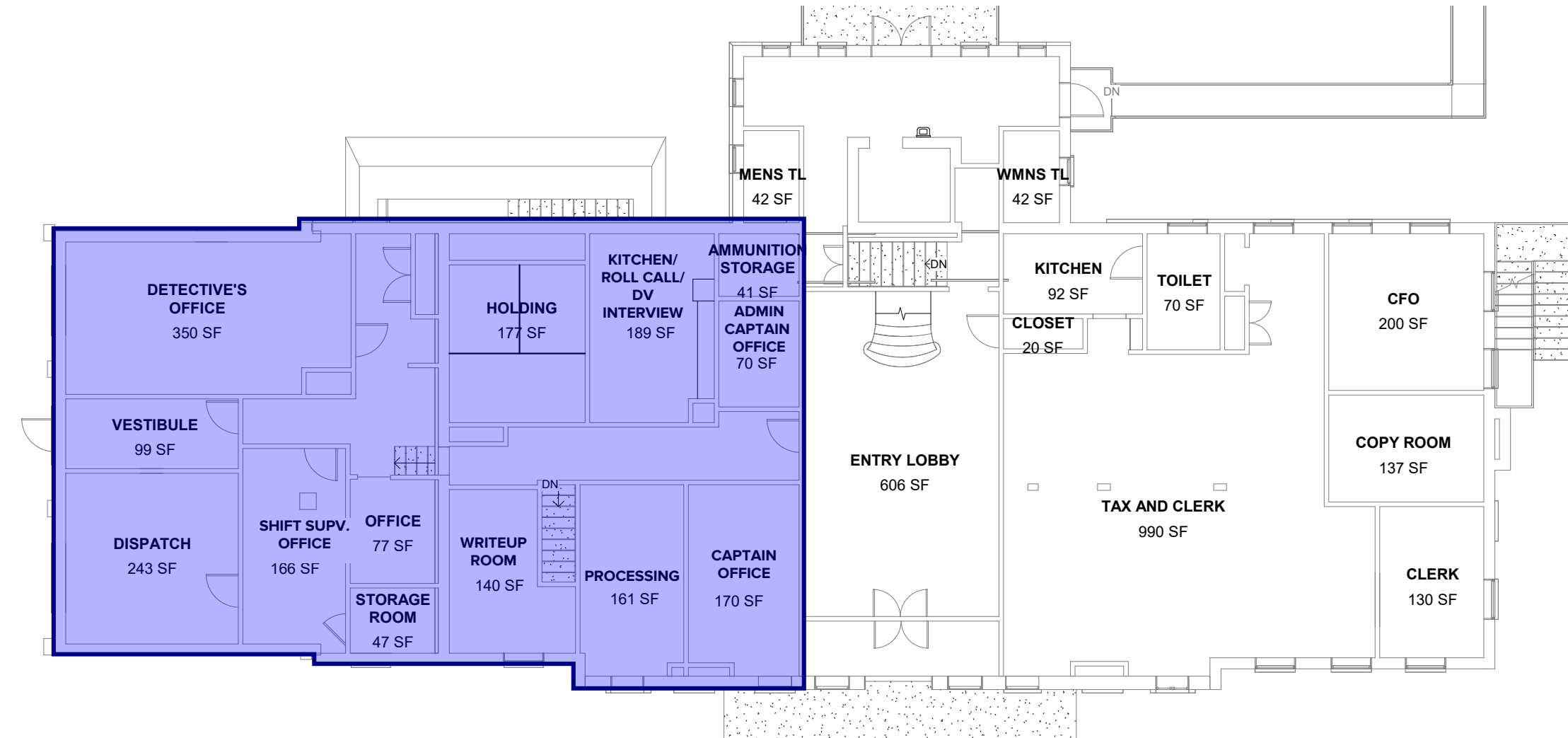


EXISTING PLAN - POLICE DEPT.

POLICE DEPT.



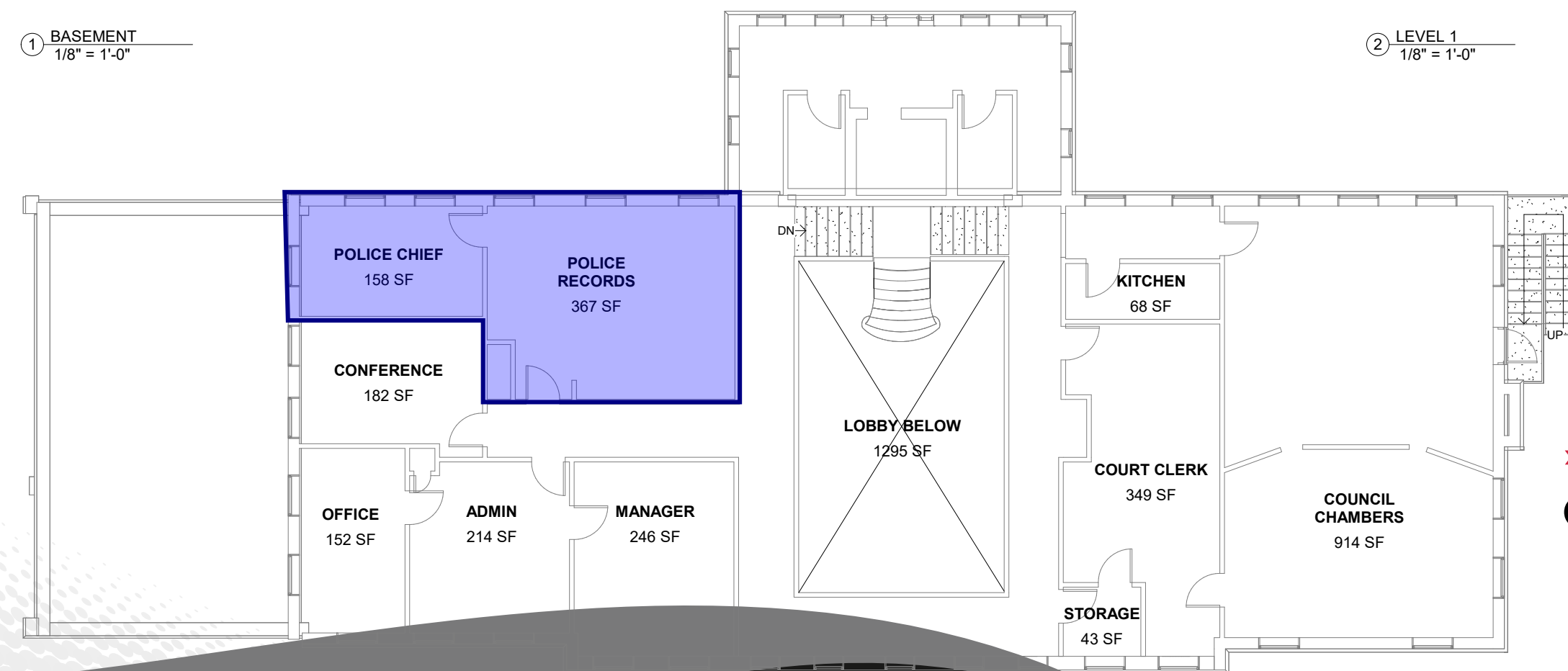
» Lower Level - 1,000 sq.ft. - lockers, long term records, evidence



» Main Level - 2,800 sq.ft. - Dispatch, holding, processing, offices, entrance, write up, detectives, kitchen/rollcall/ meeting/ DV interview room

1 BASEMENT
1/8" = 1'-0"

2 LEVEL 1
1/8" = 1'-0"



» 2nd Floor Level - 525 sq.ft. - Chief Office / PD Records

- » Existing Police Department occupies 4,000+/- sq.ft. dispersed on various floors throughout Town Hall
- » Lacks adequate program space
- » Lacks efficiency and safety protocols
- » Lacks gender compliance protocols
-(female PD officers must go upstairs and use tax office toilet)

THE NEED... THE HISTORY

POLICE DEPT. • • •



- » Dating as far back as 1978, the Borough's Master Plan called out that the **“Police and Borough Facilities are presently inadequate and it would be desirable to relocate the Police Department in other facilities.”**
- » In the 1980's, leadership vowed to **“work with the Police Department in developing a cost effective plan for the upgrading of our Police Headquarters”.**
- » In 1981, it was stated that **“the facilities rank among the worst in the county, they are inefficient and overcrowded. These are poor working conditions under which Verona's Finest must labor and has a detrimental effect of morale and job effectiveness.”**

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THE NEED... THE HISTORY

POLICE DEPT. • • •



- » In 1984, a “move” to the basement “**attempted**” to provide additional needed space”. 1986, two years later it was AGAIN “**front page news**” - “**Public Safety Facility Proposal Being Studied.**”
- » 1998, with the **construction of the Community Center** and new Fire House, the relocation of the Fire Dept. allowed the Police Dept. to move Dispatch and the Detective Bureau out front to its current location.
- » Over the past (5) years there have been efforts to **explore potential improvements to the department**, including locker room upgrades, additions + renovations to the existing facility, acquisition, adaptation of an existing non-law enforcement facility or New Construction.

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THE NEED... DEFICIENCIES

POLICE DEPT. • • •



- » It is clear from our evaluations that the existing Police Department in its present condition, **falls short of meeting some very basic requirements** of the Police Facilities Planning Guidelines, that were prepared by the International Association of Chiefs of Police nor does it meet the requirements of the Department of Corrections.
- » Only so much can be done before **DOC mandates that the entire facility** be brought up to standards.
- » Even if the existing Police Building were gutted and renovated from top to bottom, the existing structure lacks the necessary square footage to accommodate the most basic of program elements.

THE NEED... DEFICIENCIES

POLICE DEPT. • • •



- » The existing police facility is **FAILING** on the criteria of adequate program space.
 - » Lacks a true sally port - secure detainee entrance.
 - » Lacks separation of detainee/staff or detainee/public.
 - » Lacks confidential interview rooms.
 - » Lacks secured prisoner processing/holding areas or cell block.
 - » Lacks fitness / training areas or adequate locker rooms.
 - » Inadequate space for department briefings or roll call.
 - » Inadequate space for an Emergency Operations Center.
 - » Inadequate report / administrative areas.
 - » Inadequate space for future growth.

LOST OPPORTUNITIES

POLICE DEPT. • • •



» Given the lack of needed program spaces, the department cannot take advantage of revenue producing or operational savings aspects that could otherwise be possible with a new facility.

» Shared fee based services:

» Potential Regional Meetings

» Potential Training Conferences

(host often receives free entry for 15 officers to the program - a savings of \$\$\$\$)

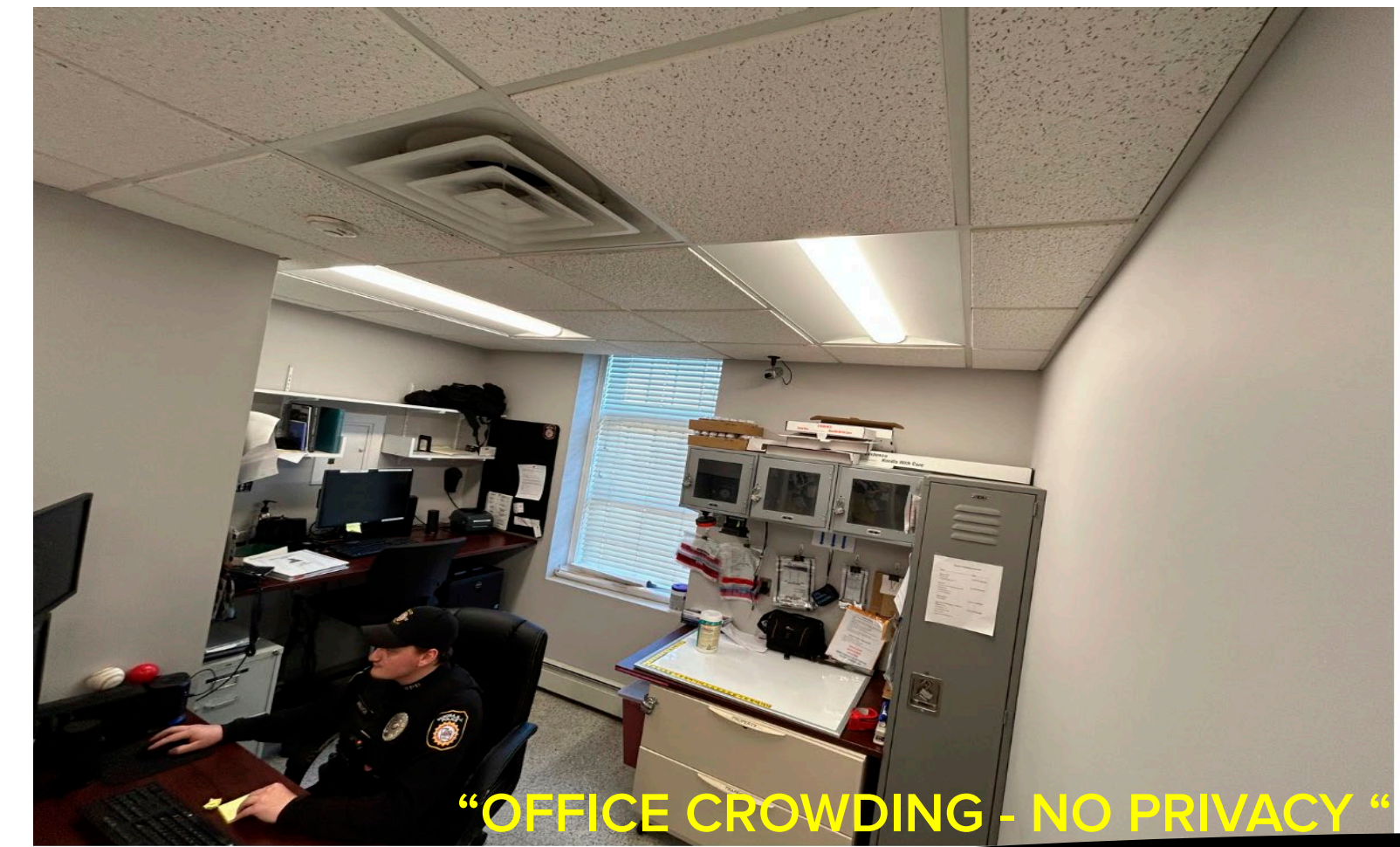
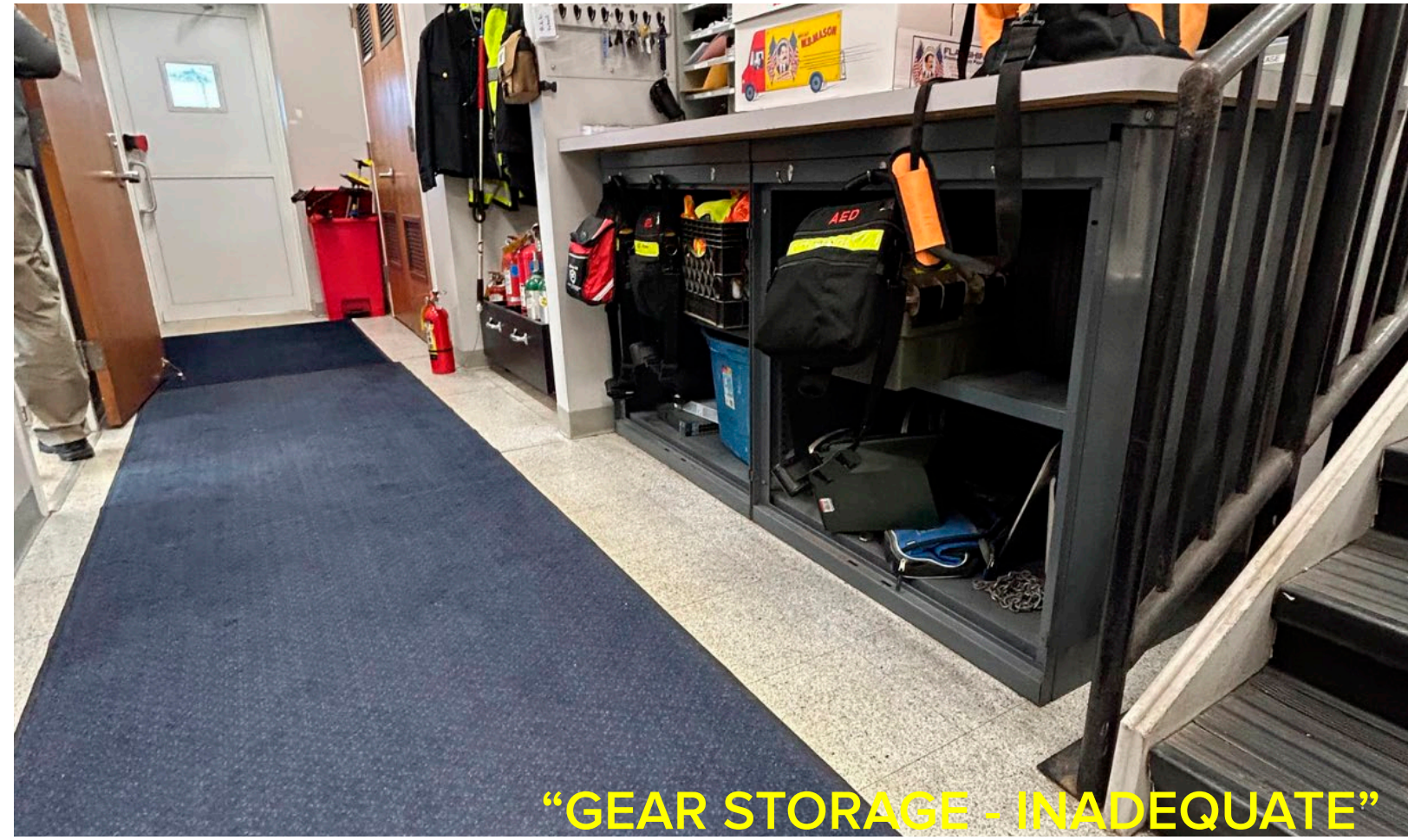
» Potential Shared Virtual Firing Range

» Potential Shared Local or Regional Dispatch Center

» Potential shared Emergency Operations Command Center

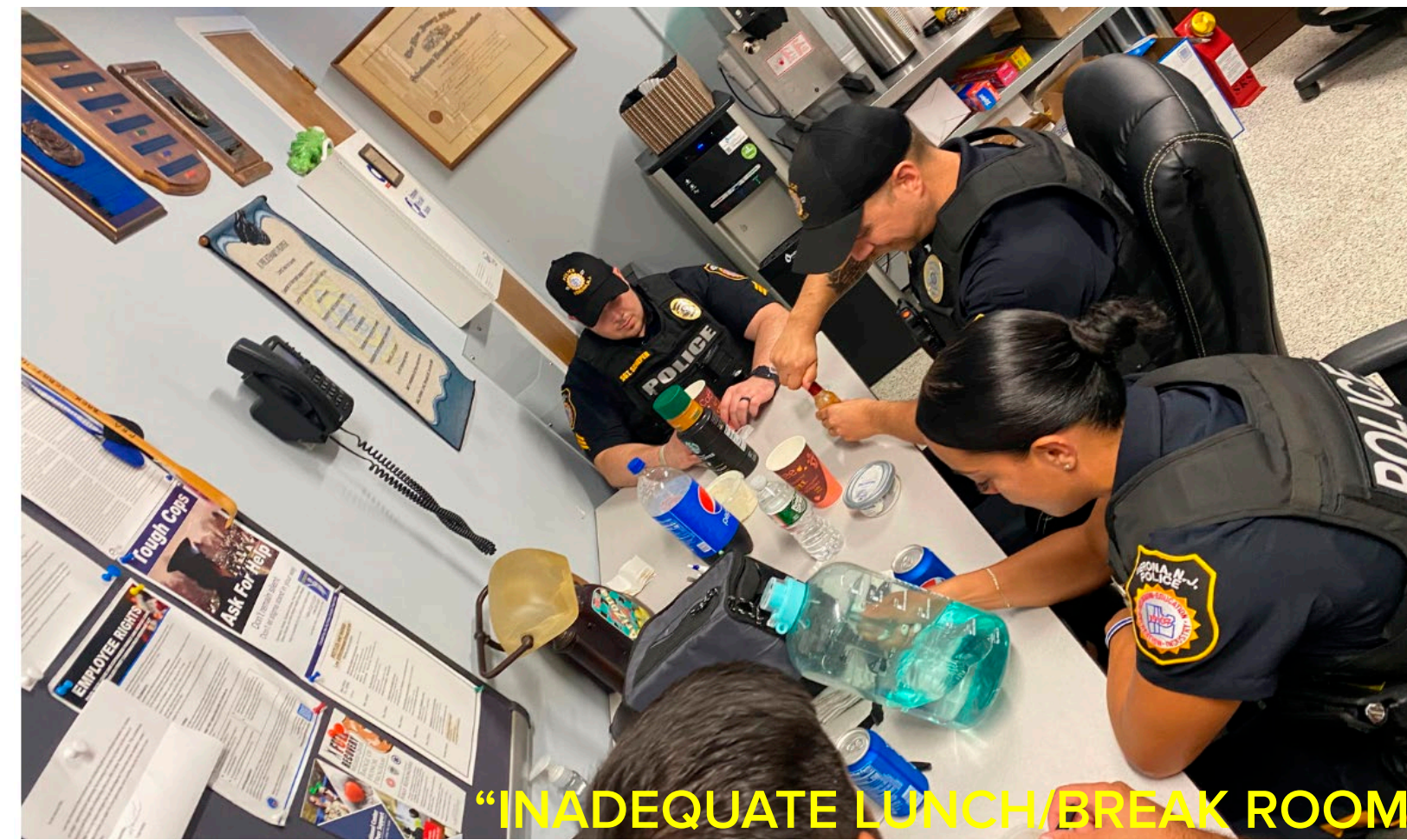
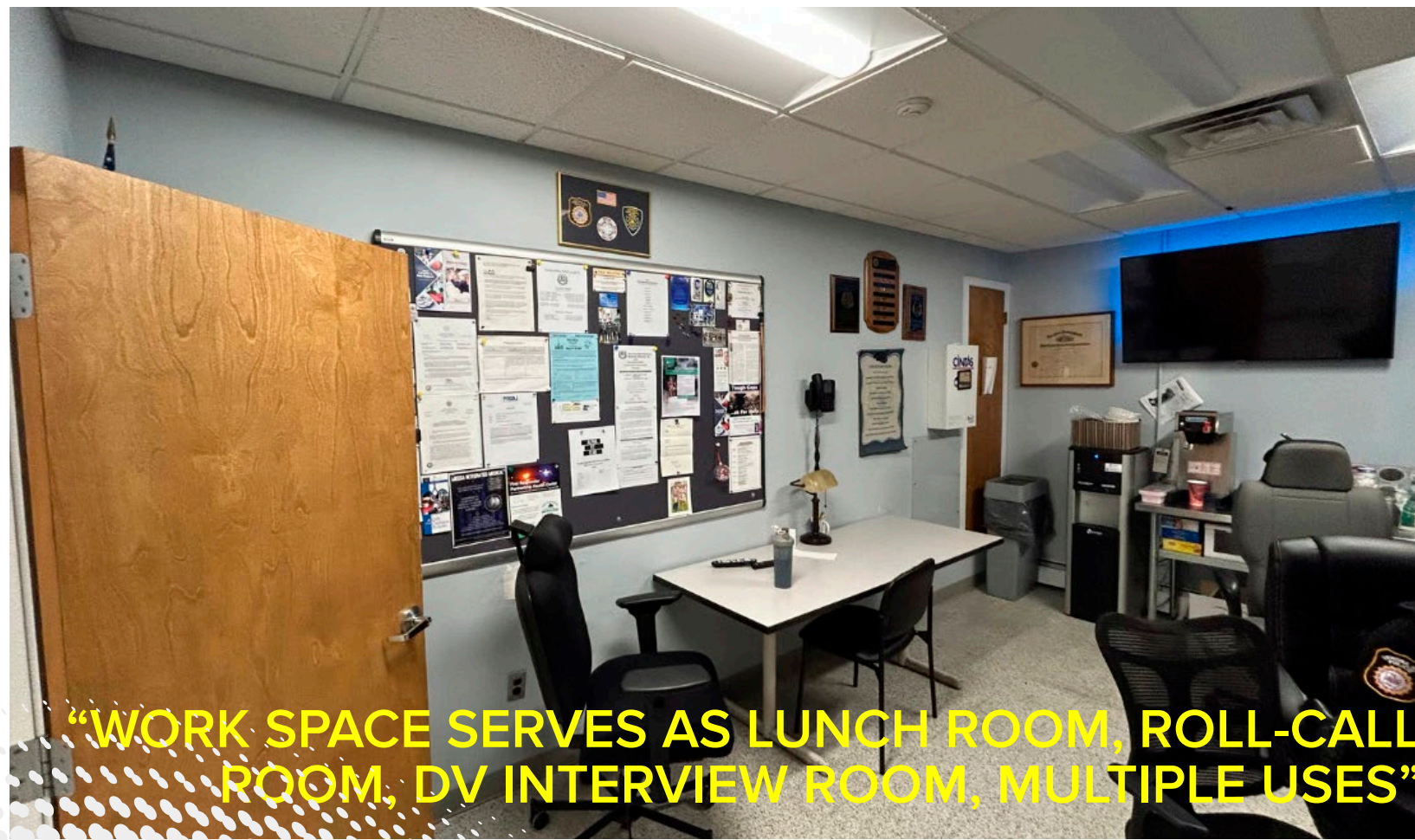
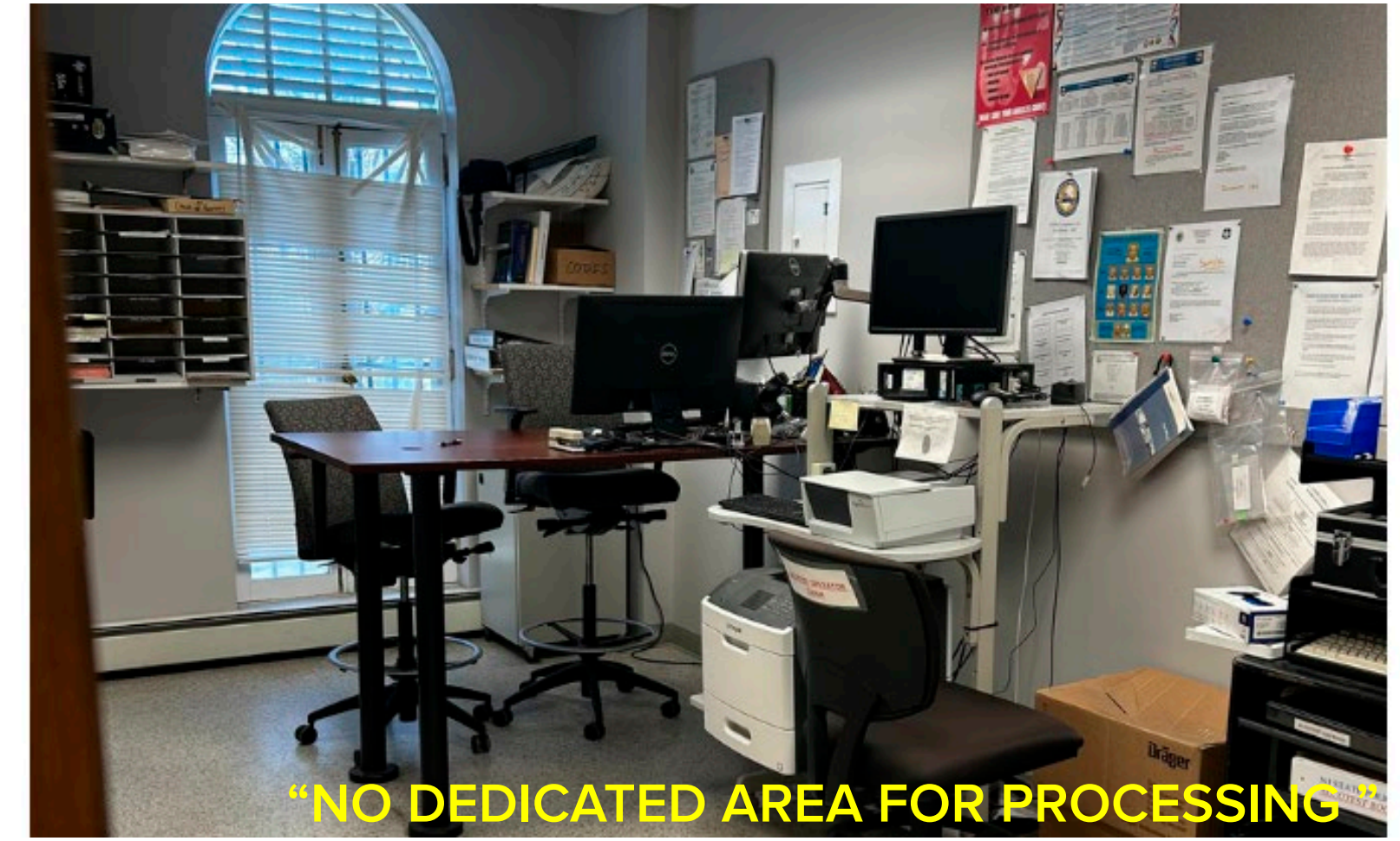
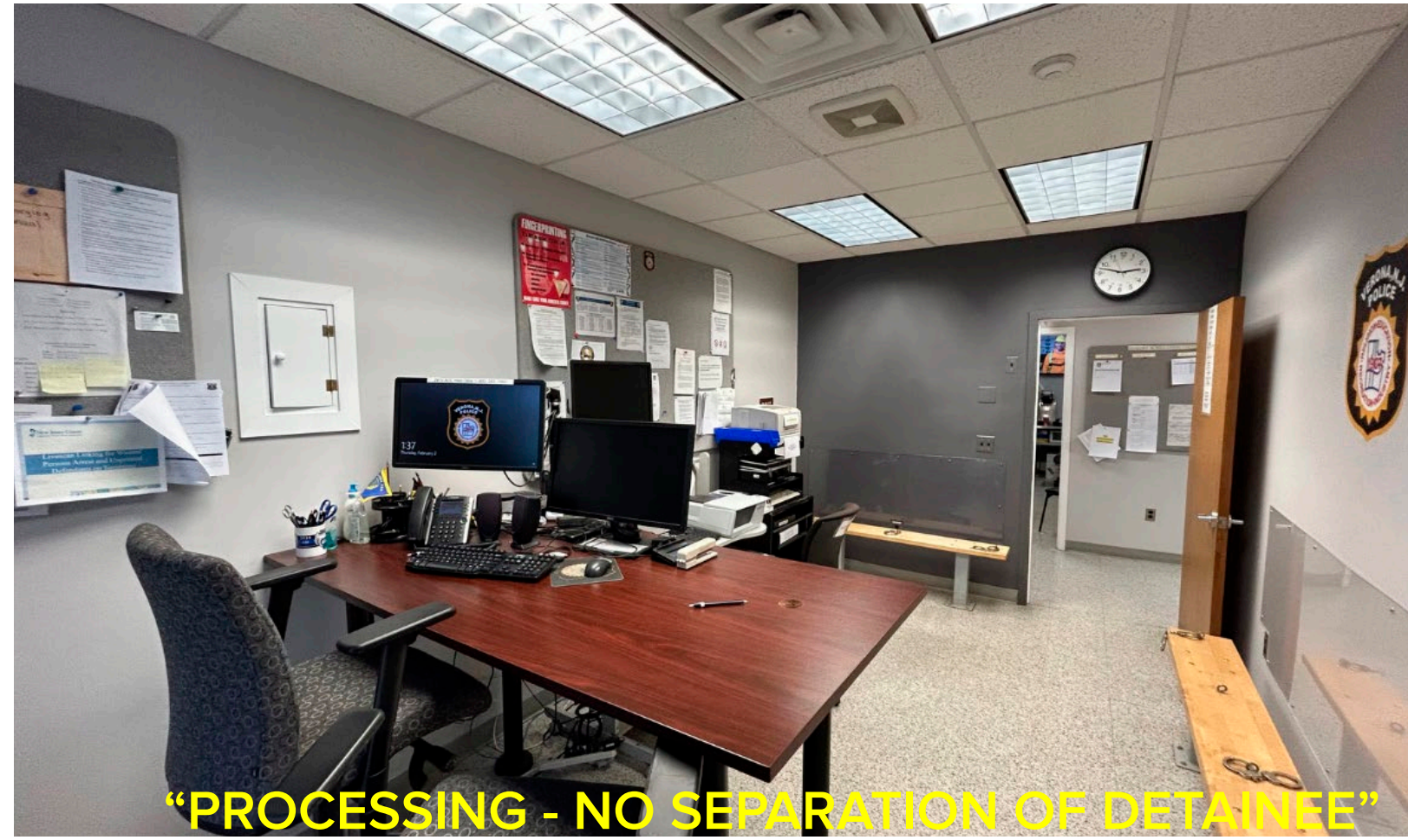
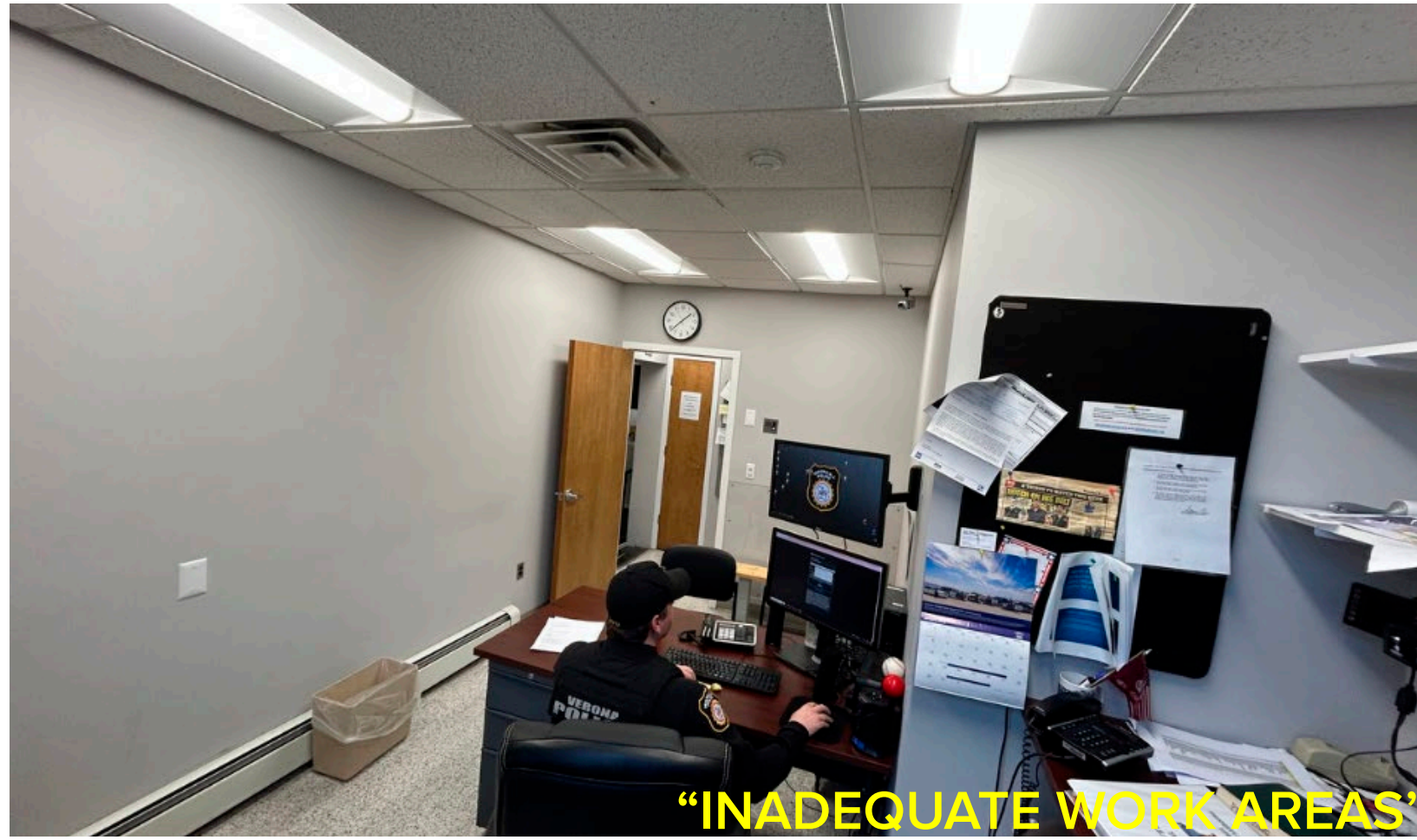
EXISTING CONDITIONS

POLICE DEPT. • • •



EXISTING CONDITIONS

POLICE DEPT. • • •



EXISTING CONDITIONS

POLICE DEPT. • • •



"INADEQUATE, NON-SECURE WEAPONS STORAGE"



"NO DEDICATED STORAGE - ALL MIXED TOGETHER"



"INADEQUATE STORAGE AREAS"



"INEFFICIENT BUILDING AND OFFICE LAYOUT"



"INADEQUATE LOCKER ROOM FACILITIES"



"INSUFFICIENT LOCKER ROOM SPACE"

THE NEED

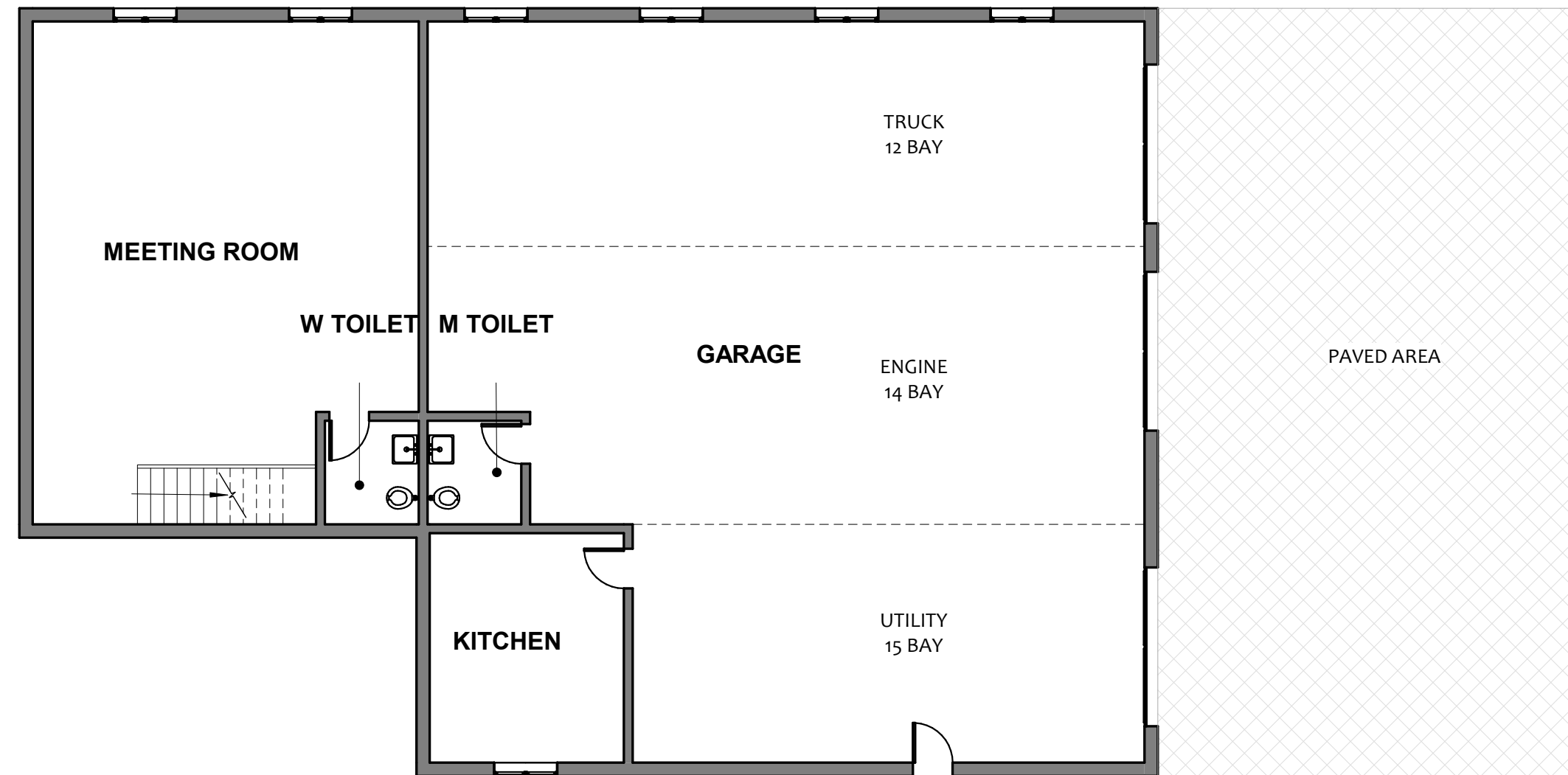
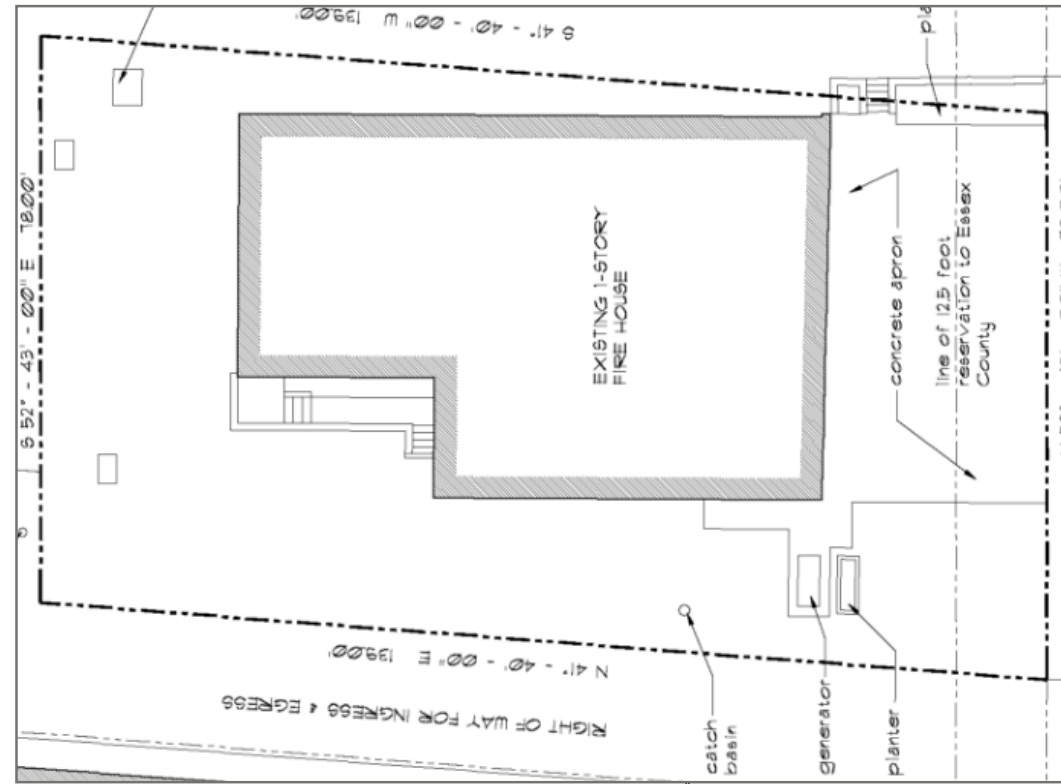
VERONA FIRE DEPT

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EXISTING PLAN

FIRE DEPT. NO.2



- » Existing Fire Company No.2 occupies 5,500+/- sq.ft. in its own facility on Bloomfield Ave.
- » Existing site is 1/4 acre
- » Lacks adequate program spaces
- » Lacks adequate clearances for apparatus
- » Lacks efficiency and safety protocols
- » Is significantly deteriorated

» Main Level - 5,500 sq.ft. - (3) Garage Bays, (2) Unisex Toilet Rooms, (1) Meeting Room (1) Kitchen, Access to lower level basement which is presently unusable

THE NEED... THE HISTORY

FIRE DEPT. NO.2



- » In 1922 a wooden one-bay firehouse was built on the present location to house a one hose tender. In 1926 a second bay was added and this housed the rescue truck.
- » In 1949 a fire destroyed the firehouse and the present building was erected with two bays. In the early 60's, a third bay was added for an additional apparatus.
- » 1982 - (42 Years Ago) Fire station was renovated to allow for heavier apparatus and addition of a ladder truck.
- » In 2016 a study explored - renovations, additions, and the construction of a new firehouse on the existing site.
- » Study revealed a 74 year old deteriorated structure that is NOT OSHA compliant with present day standards.

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THE NEED... DEFICIENCIES

FIRE DEPT. NO.2



» Facility Issues:

- » Major roofing/flashing issues allowing water infiltration causing exterior wall, window and door issues/ cracking + stucco/plaster damage.
- » Major structural issues due to building settling. Walls cracking and masonry facade separation. Steel lintels are rusted and bowing.
- » Floor tiles popping, wood floors warping, window frames at meeting room / basement are rotted/leaking.
- » Two sump pumps in basement are inadequate to keep up during heavy rain storms resulting in more water infiltration. Basement door-deteriorated / does not open, posing a safety problem. Basement cannot be used.

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THE NEED... DEFICIENCIES

FIRE DEPT. NO.2



- » The existing Fire Facility is **FAILING** on criteria of adequate program space:
 - » Lacks future apparatus bays; unsafe bay clearances/height
 - » Lacks adequate toilet facilities or shower facilities
 - » Lacks locker rooms
 - » Lacks maintenance / Work space
 - » Inadequate space for a training room
 - » Inadequate kitchen / office space
 - » Inadequate gear racking and storage
 - » Inadequate oxygen tank storage facilities
 - » Deteriorated infrastructure/structural issues, cracking, plaster deteriorating, power, lighting, plumbing

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EXISTING CONDITIONS

FIRE DEPT. NO.2



"WATER DAMAGE - STUCCO - RUSTED LINTELS"



"WATER DAMAGE - STUCCO - CAN SEE DAYLIGHT"



"STRUCTURAL SETTLEMENT CRACKING"



"WATER DAMAGE - CEILINGS - ON RADIO EQUIPMENT"



"FACADE STRUCTURAL DAMAGE"



"FACADE STRUCTURAL DAMAGE"

EXISTING CONDITIONS

FIRE DEPT. NO.2



“WATER DAMAGE - PLASTER”



“WATER DAMAGE - PLASTER”



“ANTIQUATED 1970'S MECHANICAL SYSTEMS”



“WATER DAMAGE - CEILINGS”



“RECURRING BASEMENT FLOODING”



“WATER DAMAGE - INTO ELECTRICAL JUNCTION BOXES”

EXISTING CLEARANCES

FIRE DEPT. NO.2



"LESS THAN 6' OF AISLE"



"DOORS HIT"



"MERE 6 INCHES OF CLEARANCE"



"MERE INCHES OF CLEARANCE"



"MERE INCHES OF CLEARANCE"



"30" OF CLEARANCE"

THE NEED

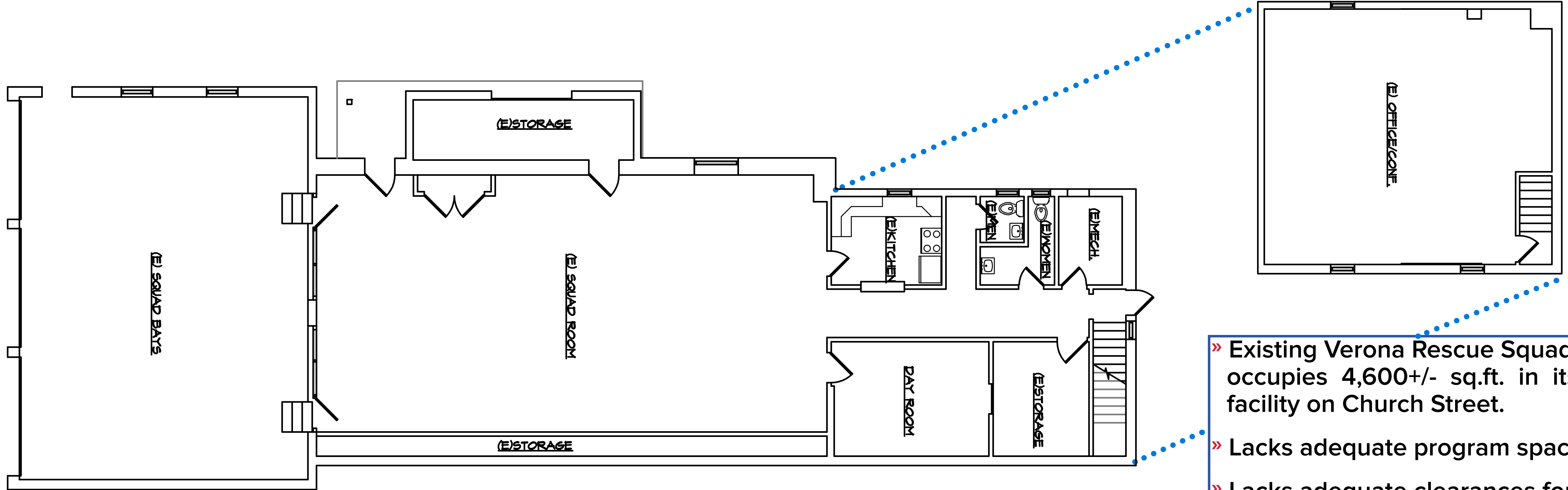
VERONA RESCUE SQUAD

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EXISTING PLAN

RESCUE SQUAD



» Main Level - 4,632 sq.ft. - (3) Garage Bays, (1) Large Squad Room (no private areas for sensitive discussion), non-ADA compliant unisex toilet rooms, (1) Day Room, (1) Storage Room (1) Mechanical Room, (1) Kitchen, access to second floor office and conference space.

- » Existing Verona Rescue Squad occupies 4,600+/- sq.ft. in its own facility on Church Street.
- » Lacks adequate program spaces
- » Lacks adequate clearances for apparatus
- » Lacks efficiency and safety protocols
- » Is significantly deteriorated

THE NEED... THE HISTORY

RESCUE SQUAD



- » In 1927, VRS was formed and is currently the oldest, 24-Hour, 100% Volunteer EMS Squad in the New Jersey and it continues to thrive.
- » The current building was a 1920's carriage house that was converted for the squad. Underwent upgrades in 1942 & 1980. Little has been done over the past 42 years.
- » In 2019, VRS commissioned an evaluation of the existing facility conditions. The report determined that the existing facility lacks essential building planning elements and is operationally inefficient.
- » The report revealed that the existing facility, if renovated, would still lack necessary program elements or the ability to accommodate growth.

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THE NEED... DEFICIENCIES

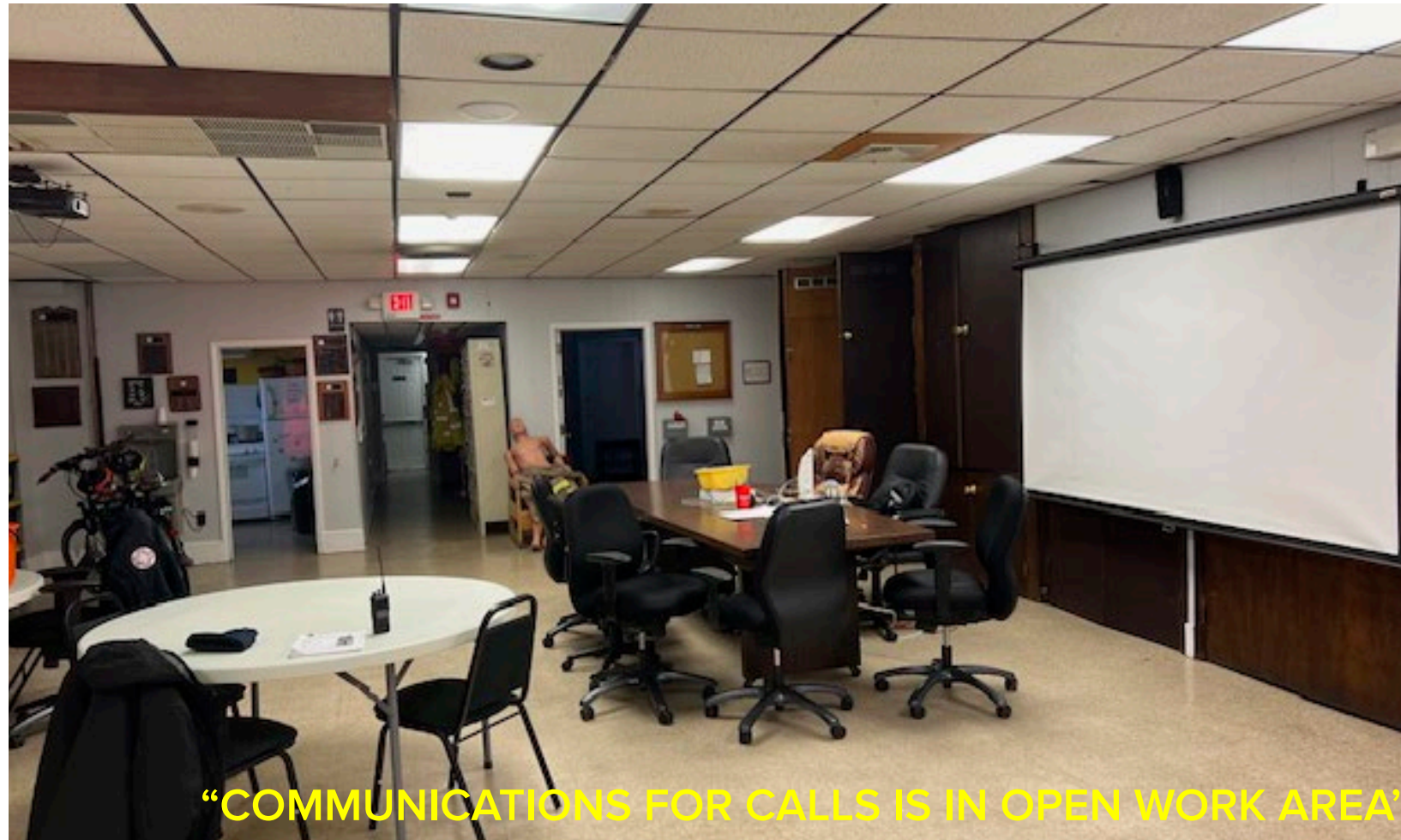
RESCUE SQUAD



- » The existing Rescue Facility is FAILING on criteria of adequate program space:
 - » Lacks main entrance public access / ADA compliance
 - » Lacks decontamination/shower/eye wash capabilities
 - » Lacks future apparatus bays; unsafe bay clearances/height
 - » Lacks locker rooms, bunk rooms, or private space for calls that may regard sensitive HIPAA related subjects
 - » Lacks Maintenance / Work space
 - » Inadequate space for training room, office space, reporting
 - » Inadequate kitchen space
 - » Inadequate oxygen tank storage facilities
 - » Inadequate toilet facilities or shower facilities
 - » Inadequate parking for members
 - » Deteriorated infrastructure, power, lighting, plumbing

EXISTING CONDITIONS

RESCUE SQUAD



"COMMUNICATIONS FOR CALLS IS IN OPEN WORK AREA"



"INADEQUATE WORK AREAS"



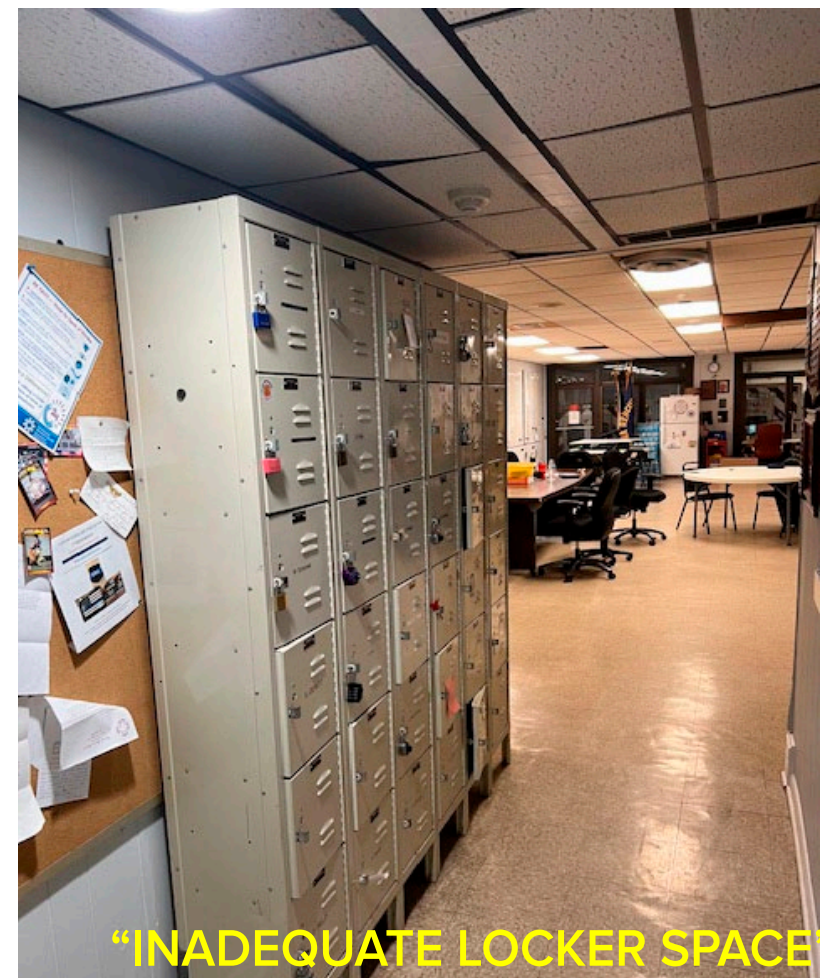
"POOR MECHANICAL EQUIP"



"INADEQUATE KITCHEN"



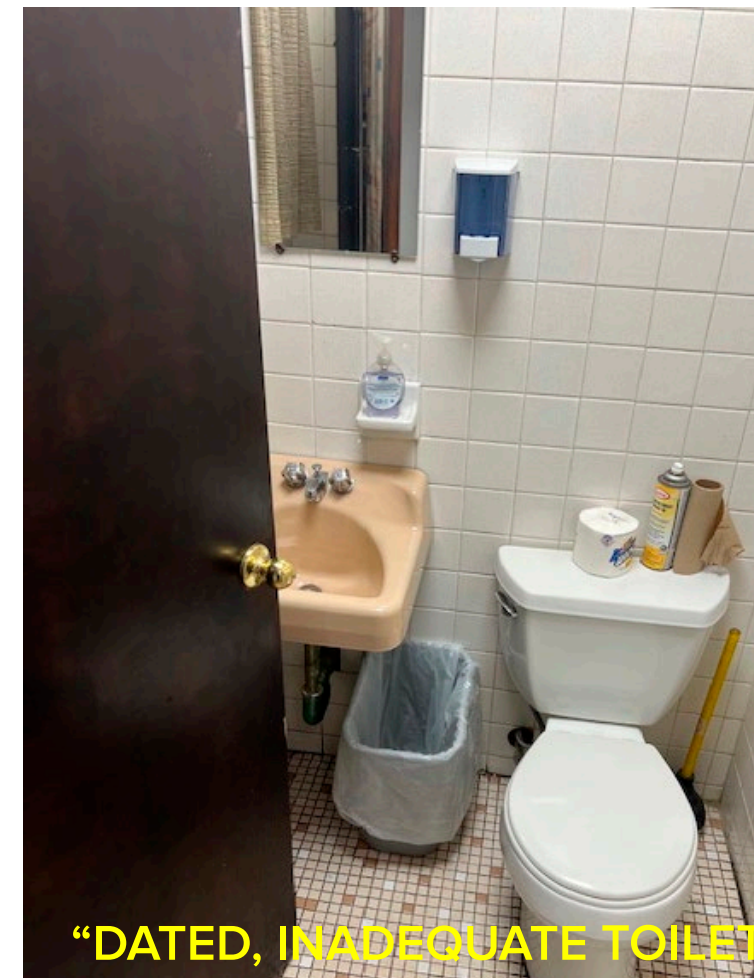
"POOR STORAGE"



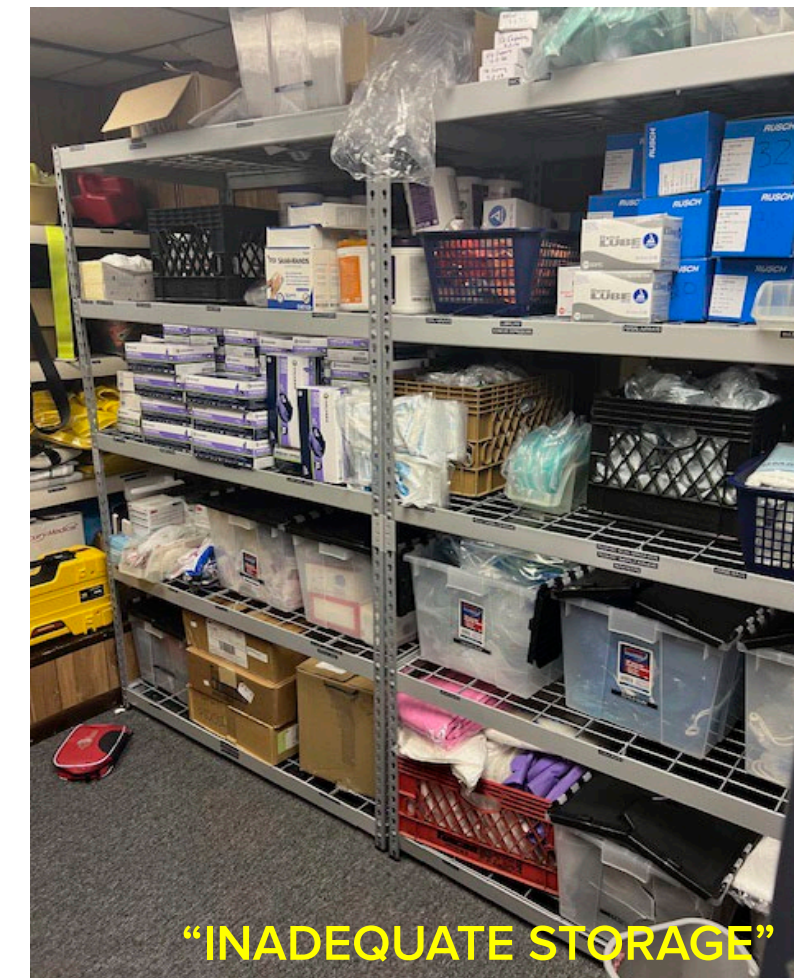
"INADEQUATE LOCKER SPACE"



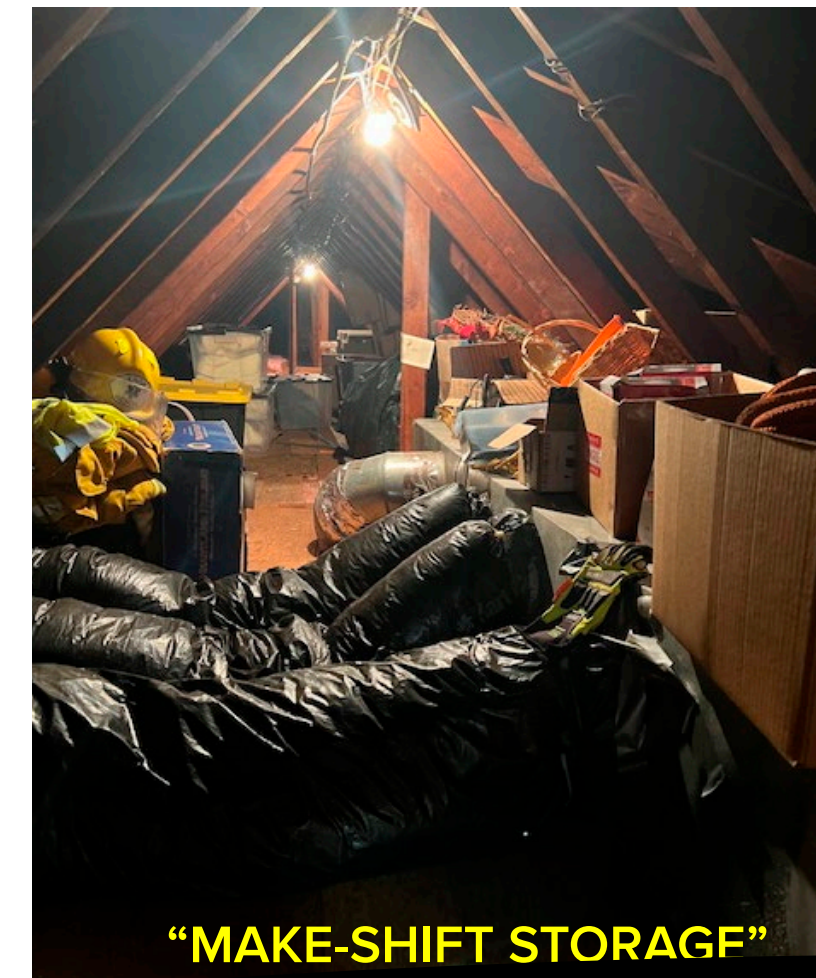
"INADEQUATE STORAGE"



"DATED, INADEQUATE TOILET"



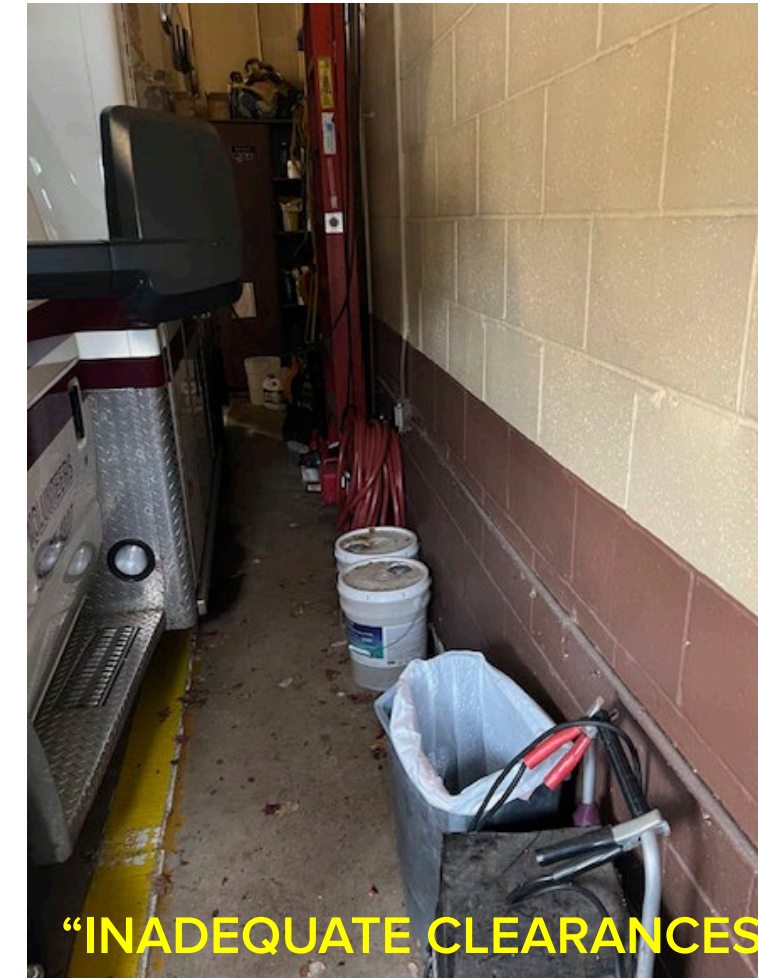
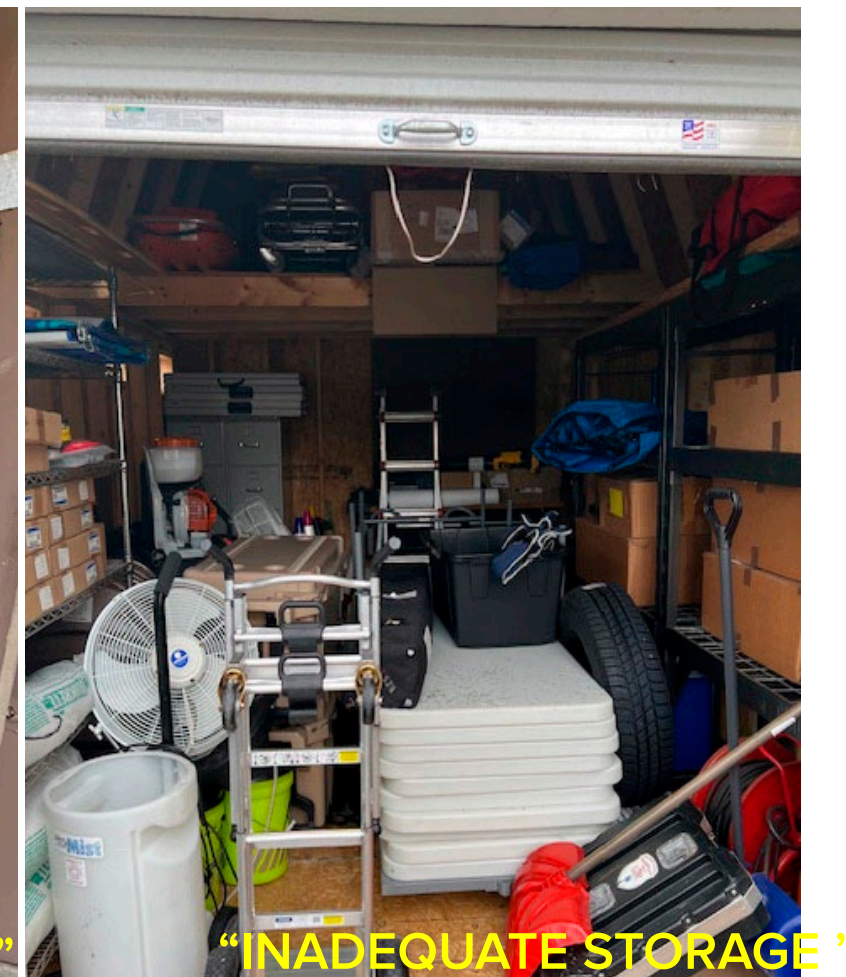
"INADEQUATE STORAGE"



"MAKE-SHIFT STORAGE"

EXISTING CONDITIONS

RESCUE SQUAD



EMERGENCY SERVICES BUILDING PRIORITIES



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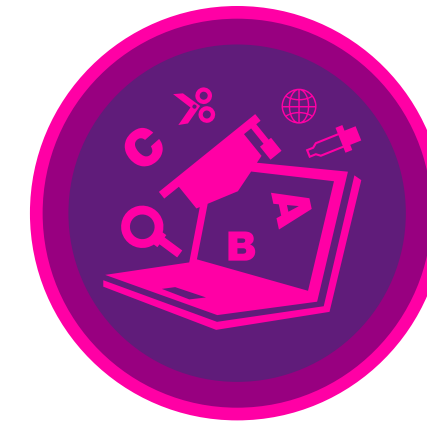


EMERGENCY SERVICES BUILDING PRIORITIES



ADEQUATE PROGRAM SQUARE FOOTAGE

- » Accommodate all program needs.
- » Provide previously unavailable program spaces
- » Bring facility up to current standards for each department
- » Create safe and efficient spaces for staff, administration and the public



INCREASED EFFICIENCY / PERFORMANCE

- » Bring facility up to current standards for each department
- » Increase efficiency and turnaround times for calls and responses
- » Create operational adjacencies which improve performance



SHARED PROGRAM SPACES / OPERATIONAL COST SAVINGS

- » Capitalize on the singular facility to allow for shared spaces
- » Eliminate redundancies as possible.
- » Provide unified services that accommodate all departments
- » Allow common areas for necessary collaboration between departments