

THE NEED

VERONA EMERGENCY SERVICES COMPLEX

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



THE NEED

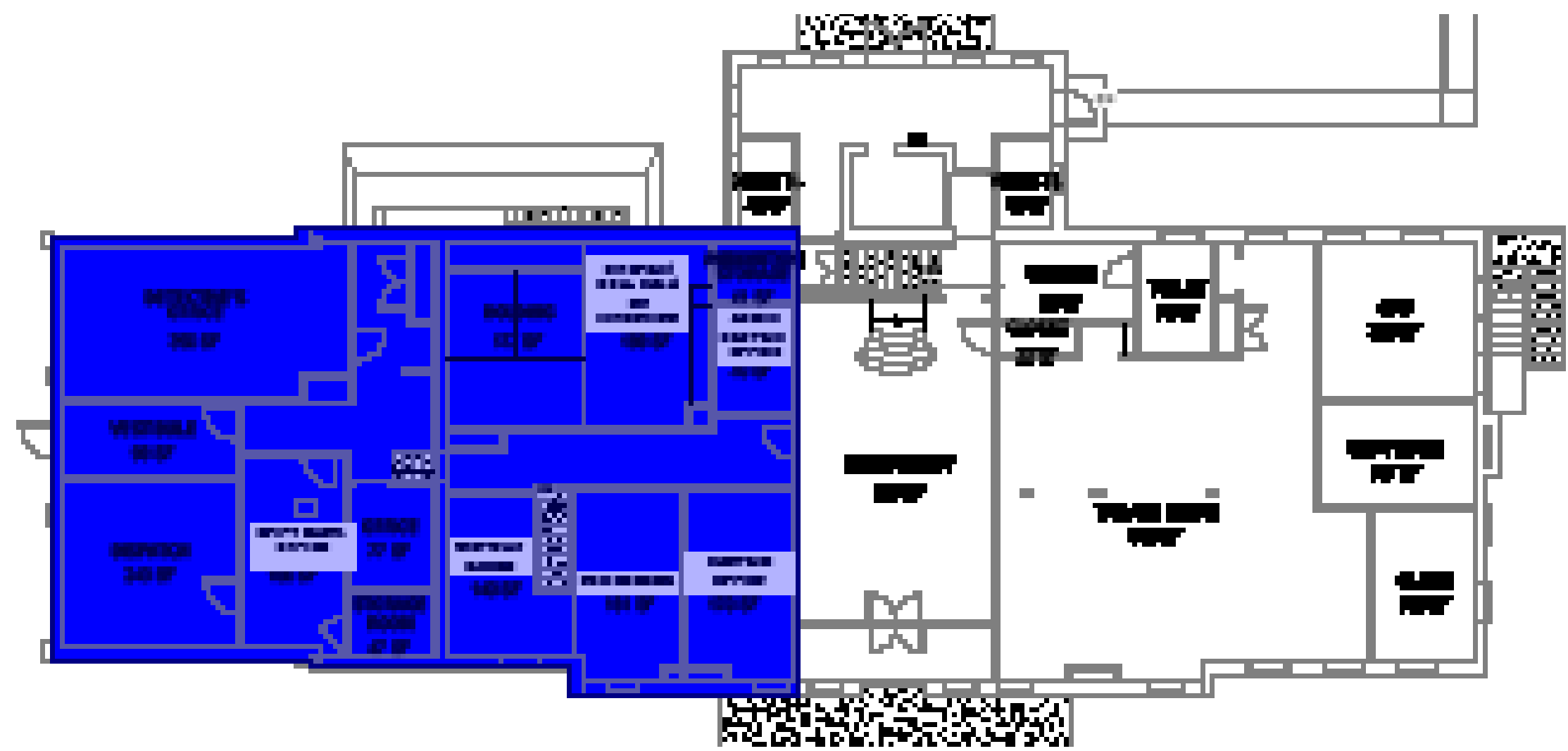
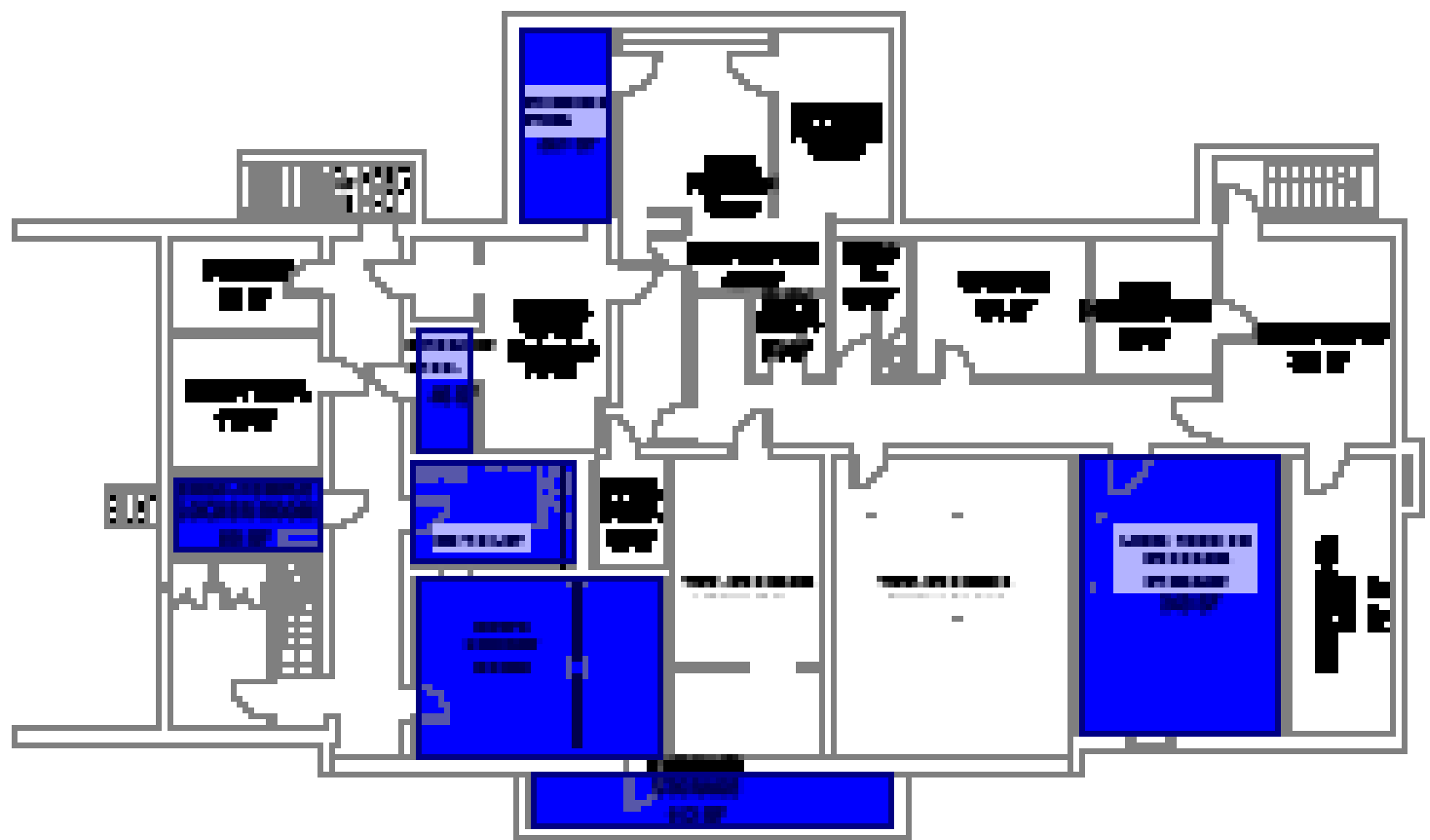
VERONA POLICE DEPT

 SOLUTIONS
ARCHITECTURE

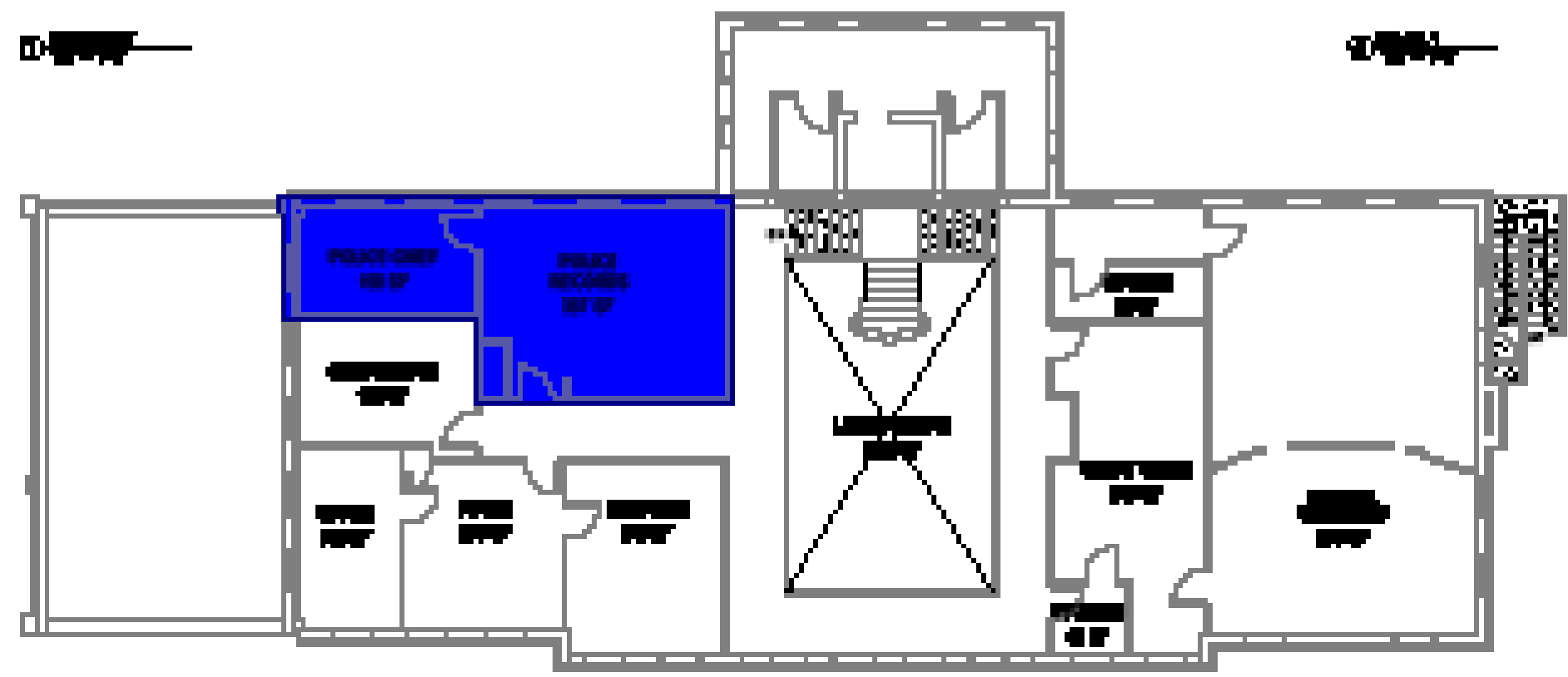


EXISTING PLAN - POLICE DEPT.

POLICE DEPT. • • • • •



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



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THE NEED... THE HISTORY

POLICE DEPT.



» Dating as far back as 1978, the Borough’s Comprehensive 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.**”

community facilities Review of existing buildings has indicated that Police and Borough facilities in the Municipal Building are presently inadequate, and it would be desirable to relocate the Police Department in other facilities. Other municipal facilities are satisfactory but should be reviewed frequently to assure proper levels of service.

THE NEED... THE HISTORY

POLICE DEPT. • • • • •



- » In the 1980's, it was discussed publicly and the quote from the leadership was they would “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.”
- » Again in 1983, it was stated that “our facility has serious limitations.”

THE NEED... THE HISTORY

POLICE DEPT. • • • • •



» In 1984, a “move” to the basement “attempted” to provide additional needed space”.

THE VERONA-CEDAR GROVE TIMES (N.J.), THURSDAY, MARCH 8, 1984



NEW HEADQUARTERS. Det. Sgt. Doug Huber and Det. Joseph Petrillo are on the job at the new Verona Detective Bureau now located in the basement of the Municipal Building. The Township Detective offices for many years were on the first floor of the building. The move provides more space and a quieter work environment for investigators. Not shown is Det. John McClellan.

(Staff Photo by Michael Corey)

- » 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.

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THE NEED... DEFICIENCIES

POLICE DEPT.



- » Present Day...for 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.
- » 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.

THE NEED... DEFICIENCIES

POLICE DEPT.



- » Commonly, existing facilities often fail on the criteria of adequate space. 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.
 - » A true sallyport - secure detainee entrance.
 - » Separation of detainee/staff or detainee/public.
 - » Confidential interview rooms.
 - » Secured prisoner processing/holding areas or cell block.
 - » Adequate space for department briefings or roll call.
 - » Adequate space for an Emergency Operations Center.
 - » Adequate report / administrative areas.
 - » No fitness / training areas or adequate locker rooms.
 - » Adequate 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 \$\$\$\$)

» Shared use of Virtual Firing Range

» Potential for a Regional or shared local dispatch center

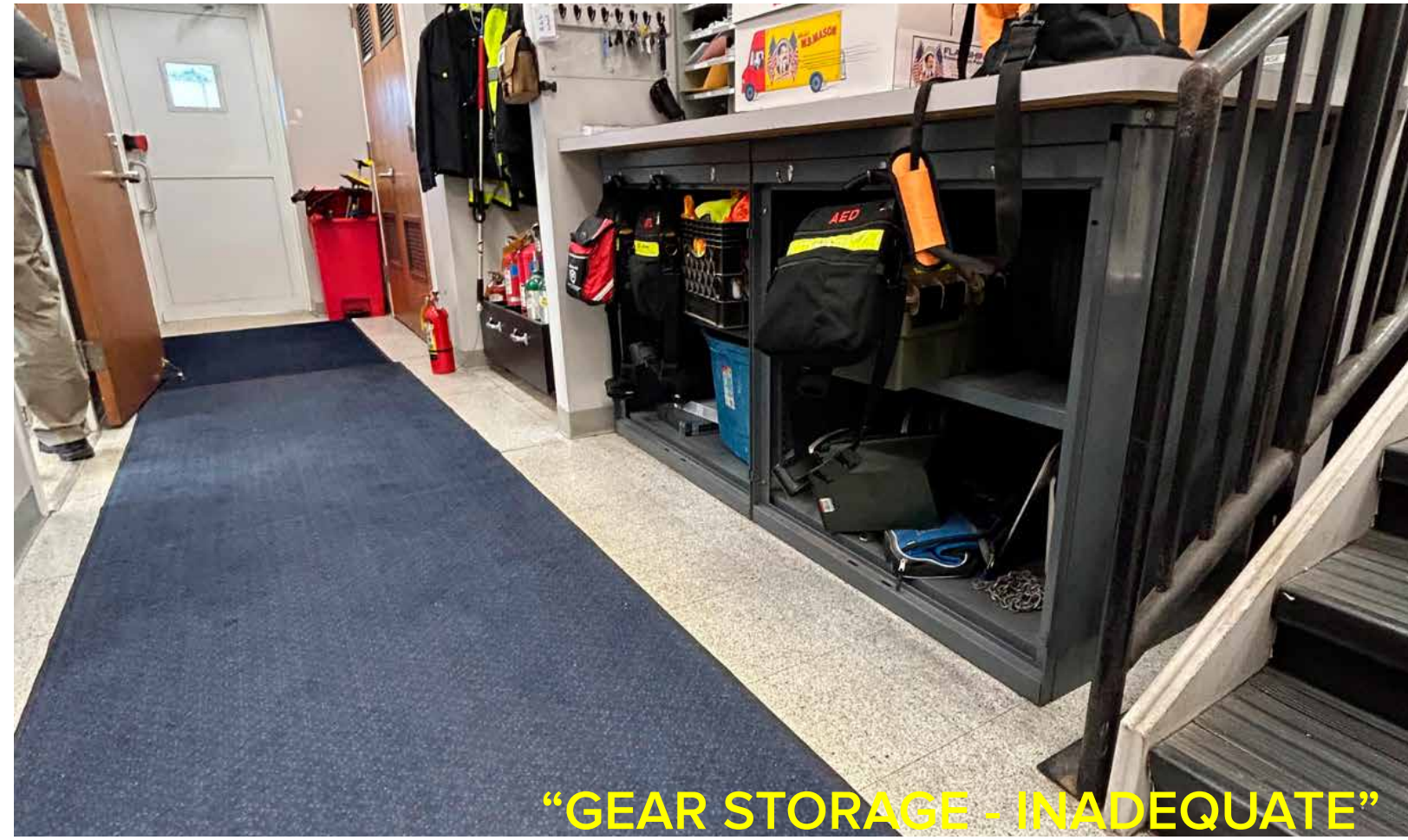
» Potential shared Emergency Operations Command Center

EXISTING CONDITIONS

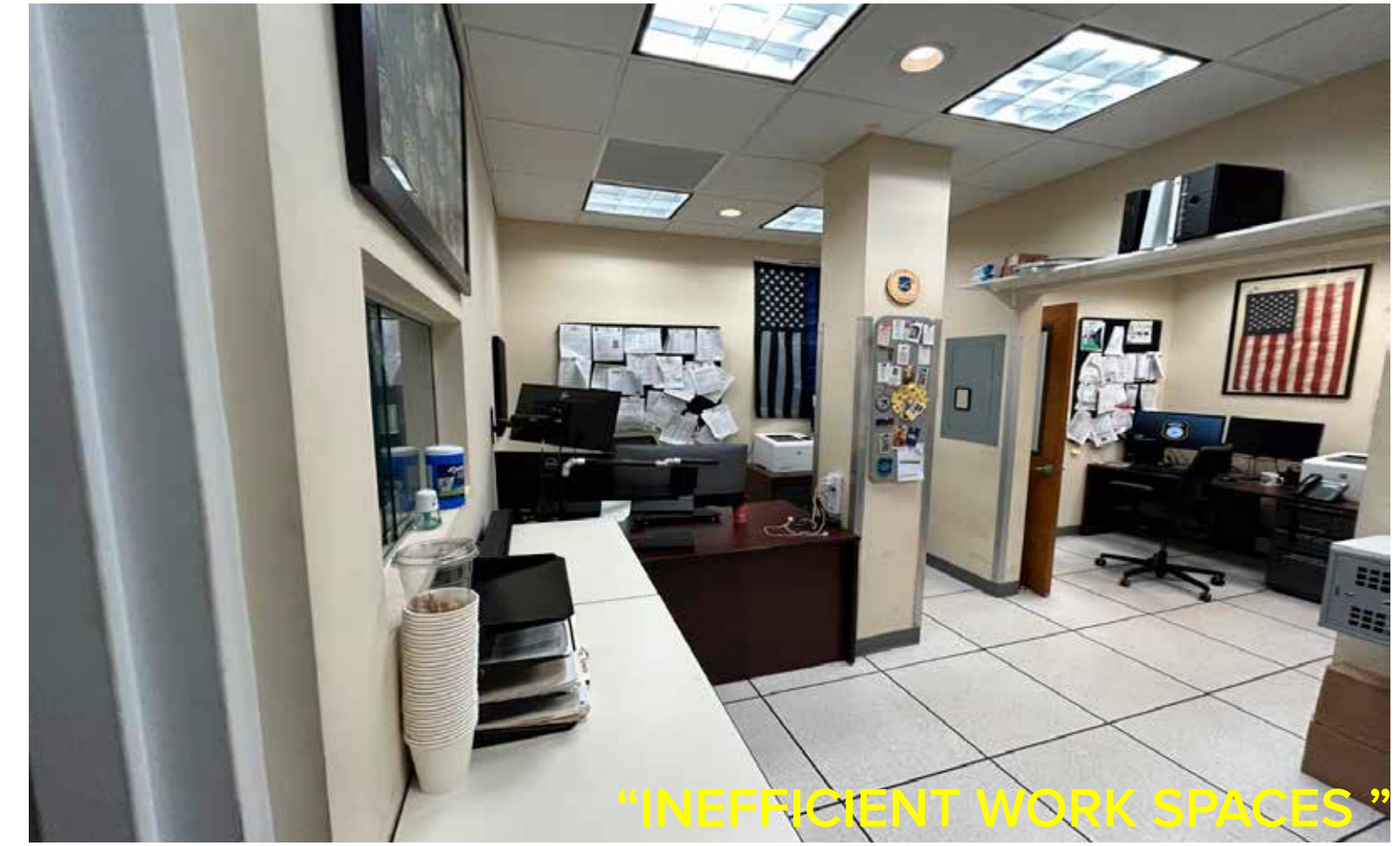
POLICE DEPT.



"DISPATCH - INADEQUATE SPACE"



"GEAR STORAGE - INADEQUATE"



"INEFFICIENT WORK SPACES"



"DEPARTMENT BRIEFINGS - INSUFFICIENT SPACE"



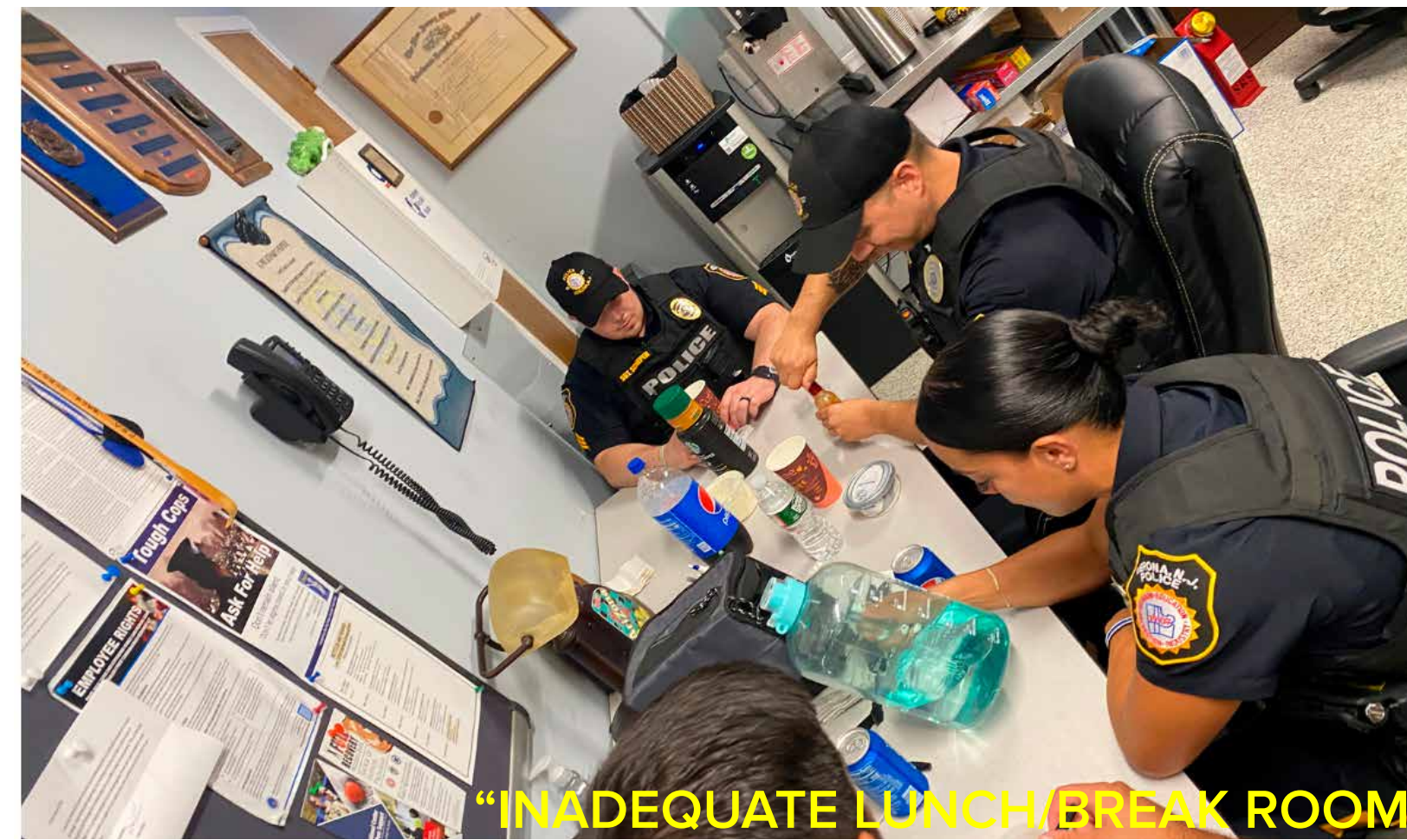
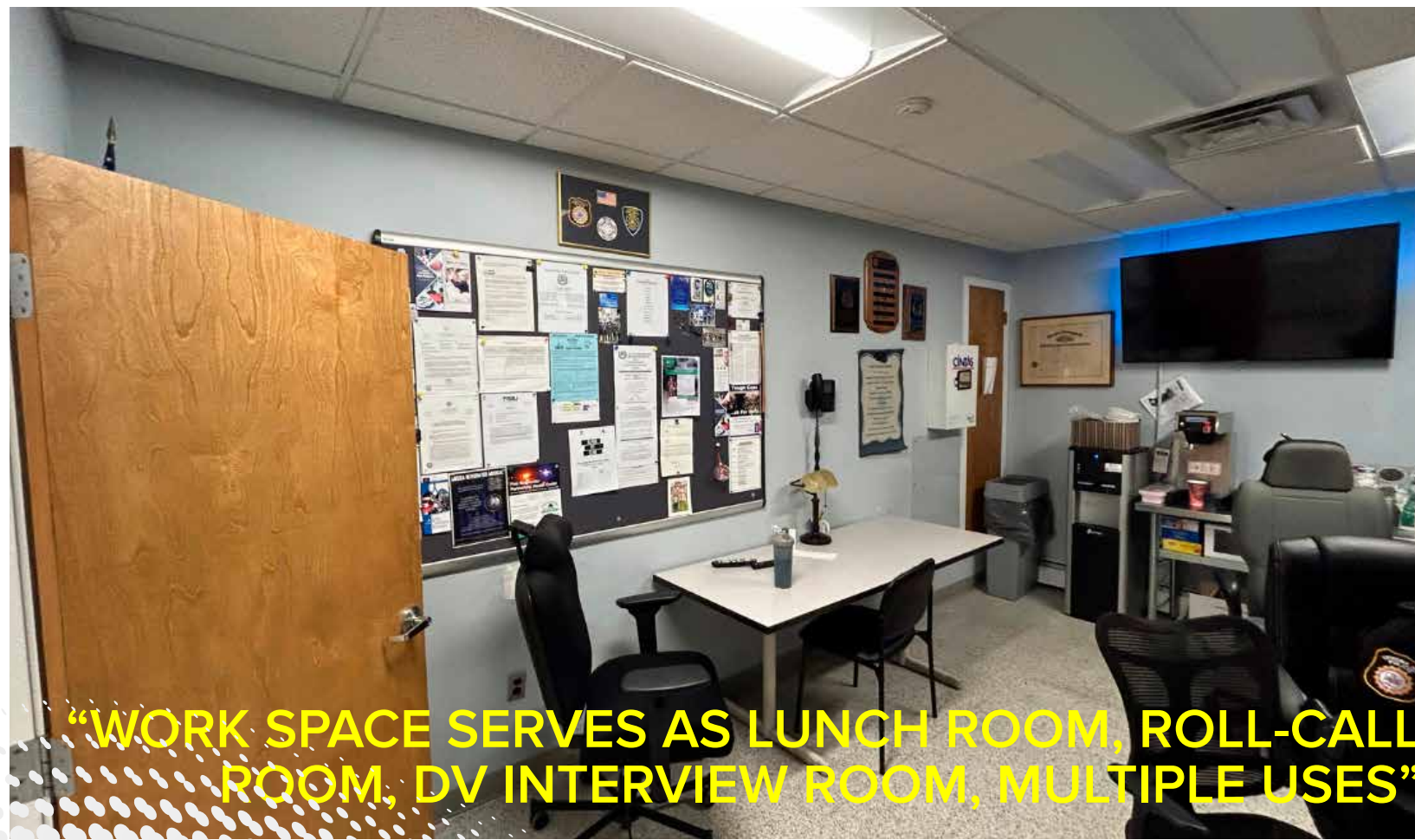
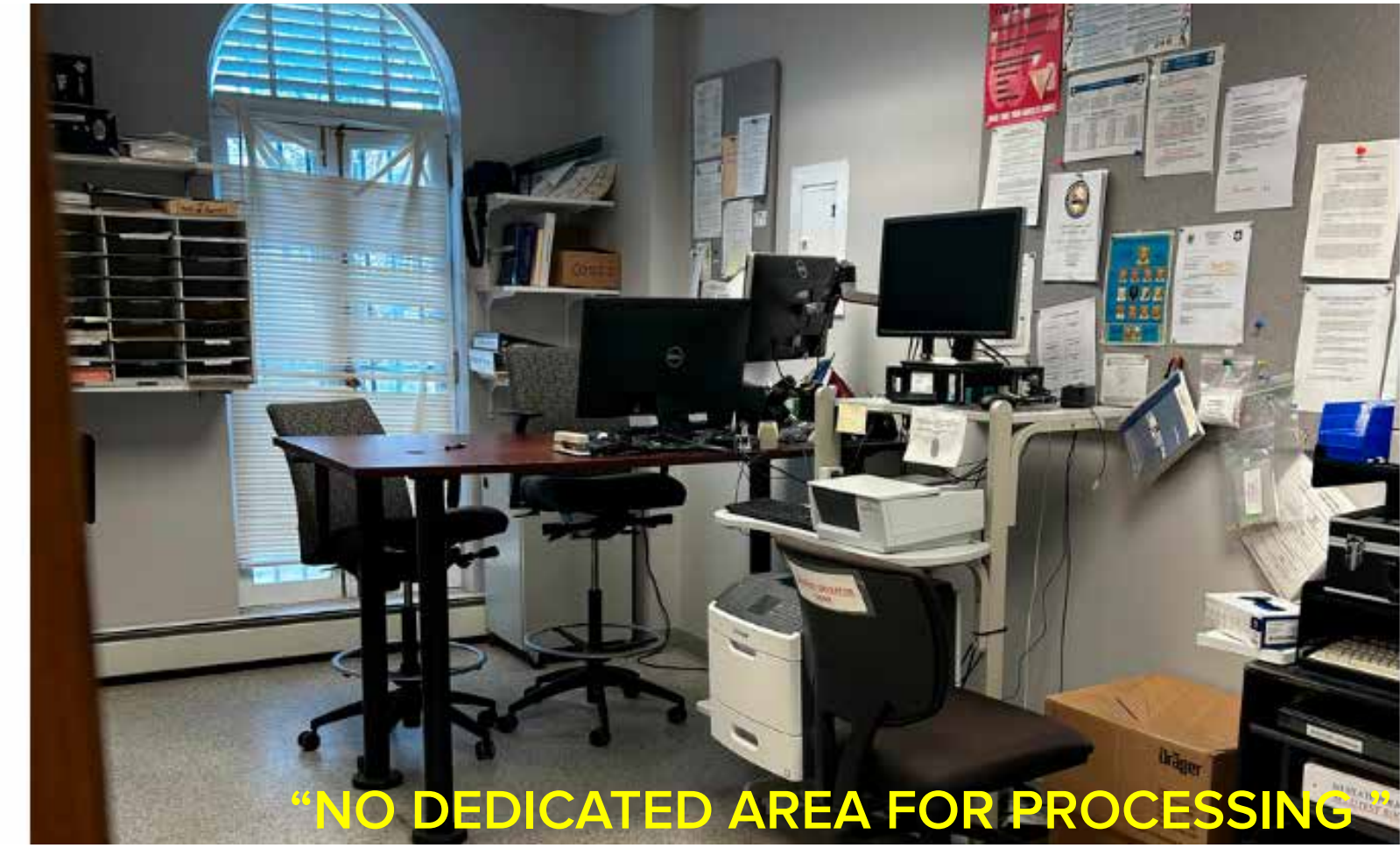
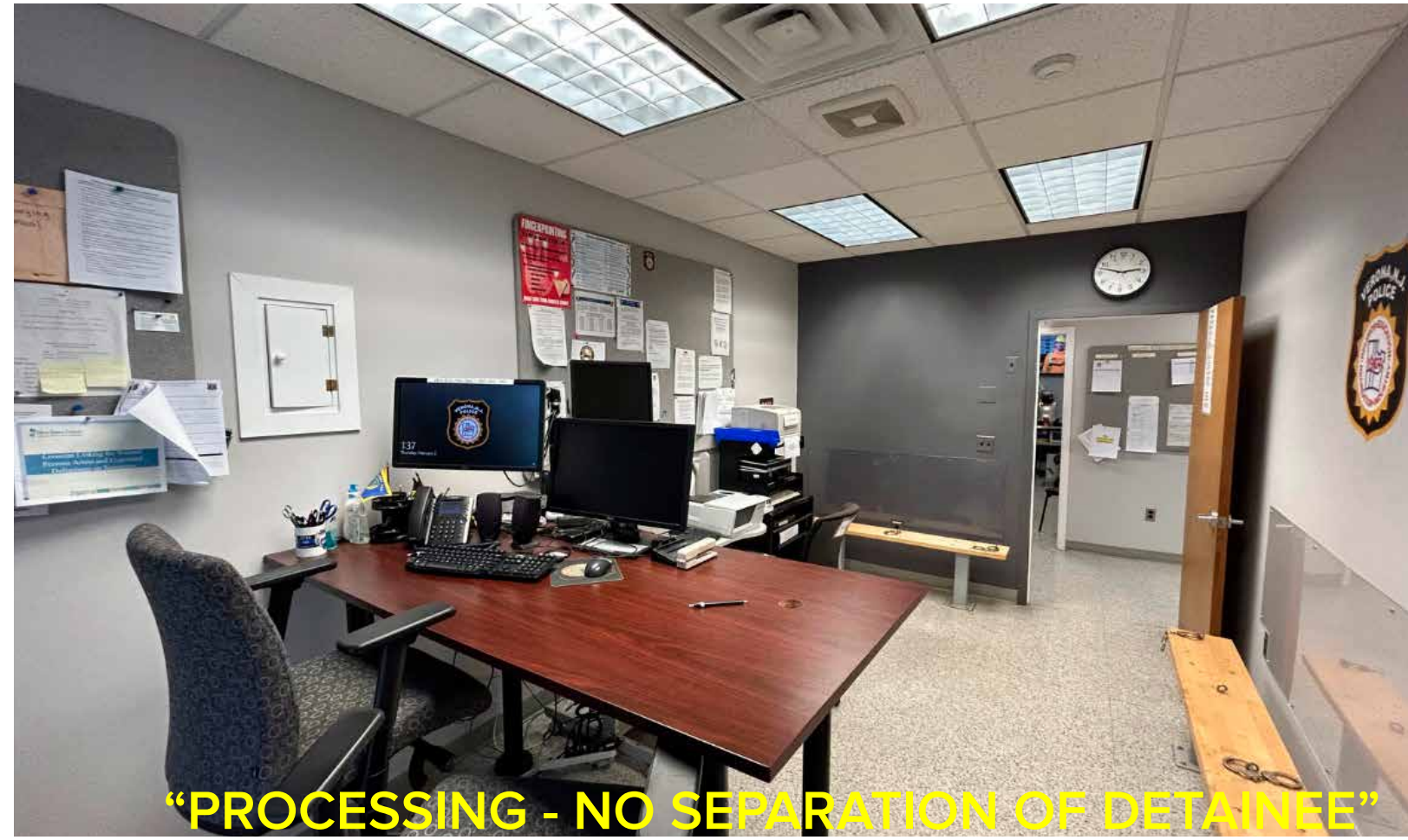
"INADEQUATE WORK AREAS"



"OFFICE CROWDING - NO PRIVACY"

EXISTING CONDITIONS

POLICE DEPT.



EXISTING CONDITIONS

POLICE DEPT. ● ● ● ● ● ● ●



THE NEED

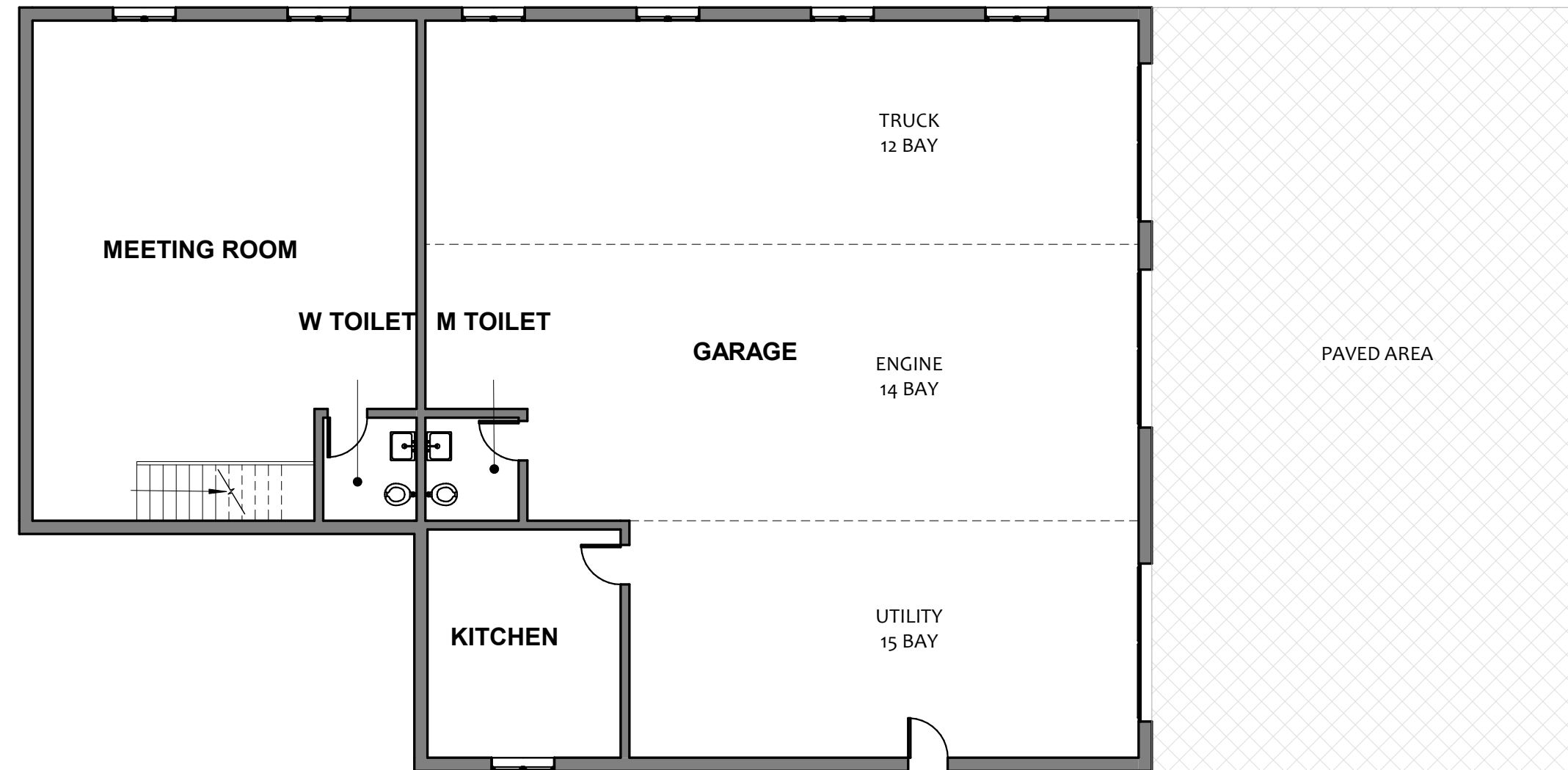
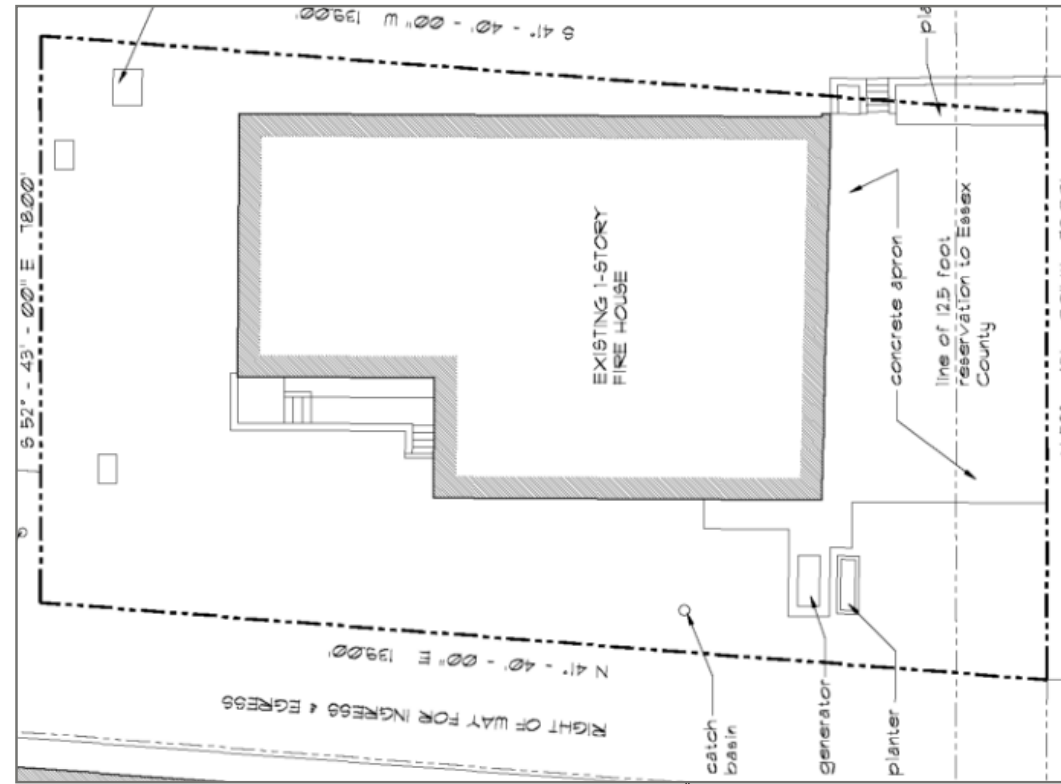
VERONA FIRE DEPT

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EXISTING PLAN

FIRE DEPT.



- » Existing Fire Company No.2 occupies 5,500+/- sq.ft. in its own facility on Bloomfield Ave.
- » Existing site is 10,842 gs.
- » 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.



- » In 1922 a wooden one-bay firehouse was built on the present location to house 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 - (40 Years Ago) Fire station was renovated to allow for heavier apparatus and addition of a ladder truck. The front of the building was modified and new concrete floor added. Furnace and boiler were replaced and a new three-inch water line was run into the building.
- » In 2016 a study was conducted and explored - renovations, renovations + additions, and the construction of a new firehouse on the existing site.

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THE NEED... DEFICIENCIES

FIRE DEPT.



- » Building is 74 years old and is NOT OSHA compliant with present day standards:
 - » Apparatus bay is 50' - Ladder Truck is 48' and the platform on the ladder must have 1.5' clearance from the garage doors, leaving 6" from wall of the bay.
 - » There is no room for gear racks behind the ladder truck, all the gear racks are on the driver's side wall creating a safety issue when four or five members are donning the gear necessary to respond to a fire call.
 - » Overhead doors are only 12' high resulting in minimal clearance for certain apparatus.
 - » There are inadequate parking spaces. The company may have as many as 28 members and there are only 11 parking spaces.

THE NEED... DEFICIENCIES

FIRE DEPT. ● ● ● ● ● ● ●



» Facility Issues:

- » Major roofing/flashing issues allowing water infiltration causing facade separation, exterior wall, window and door issues/cracking + stucco/plaster damage.
- » Major structural issues due to building settling likely from the building being constructed over organic materials leftover from fire demolition in 1949.
- » Floor tiles popping, wood floors warping, window frames at meeting room / basement are rotted/leaking. Steel lintels are rusted and bowing.
- » August 2017 - Break in main sewer line, flooded the basement. Two sump pumps in basement are inadequate to keep up during heavy rain storms resulting in more water infiltration.

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THE NEED... DEFICIENCIES

FIRE DEPT.



» Facility Issues:

- » The air conditioning unit on the roof is irreparable. Building and Grounds had a company come in to assess the unit, and they estimated that it would be \$15,000 to replace it.
- » Heating system was overhauled in 2020, but the boiler that was installed 70's was never replaced in spite of extensive repairs, it is in need of replacement.
- » Major plumbing leaks throughout the facility, sediment found in the system. Apparatus bay floor drains do not appear to have an oil separator.
- » The basement entry stairwell floods during heavy rain. Basement door-deteriorated and does not open, posing a safety problem. Basement cannot be used.

THE NEED... DEFICIENCIES

FIRE DEPT.



- » Commonly, existing facilities often fail on the criteria of adequate space.
 - » Additional, future apparatus bays; unsafe bay clearances
 - » Adequate space for a training room
 - » Adequate kitchen space
 - » Adequate office space
 - » Adequate oxygen tank storage facilities
 - » No adequate toilet facilities or shower facilities
 - » No locker rooms,
 - » Maintenance / Work space
 - » Deteriorated infrastructure/structural issues, cracking, plaster deteriorating, power, lighting, plumbing

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EXISTING CONDITIONS

FIRE DEPT.



"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.



“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. ● ● ● ● ● ● ●



"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

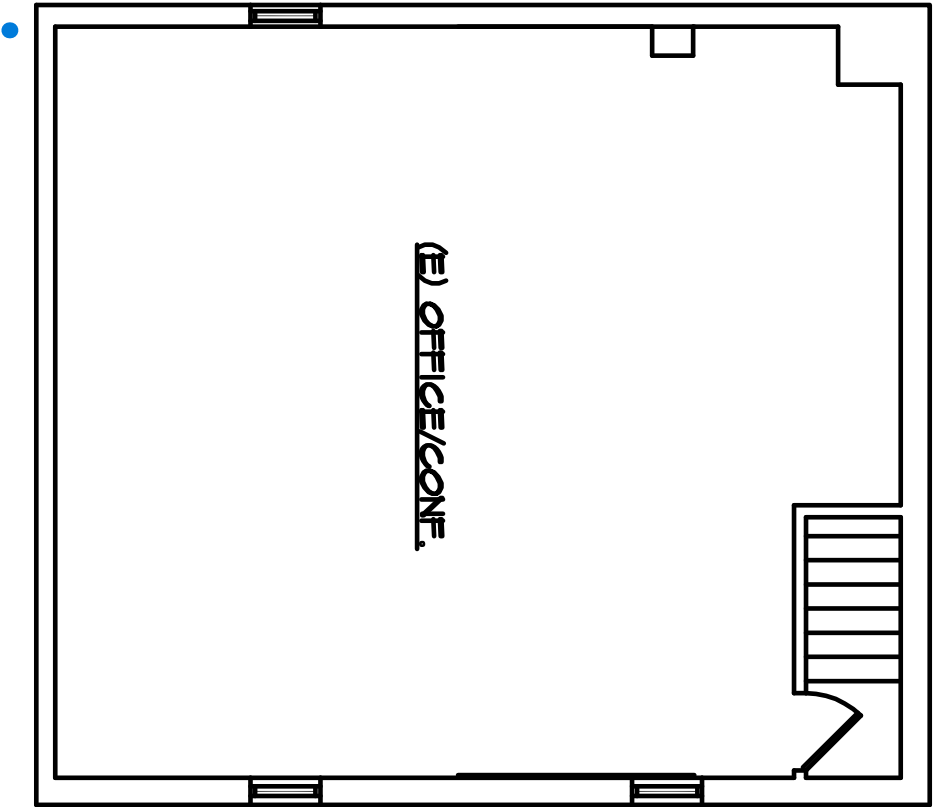
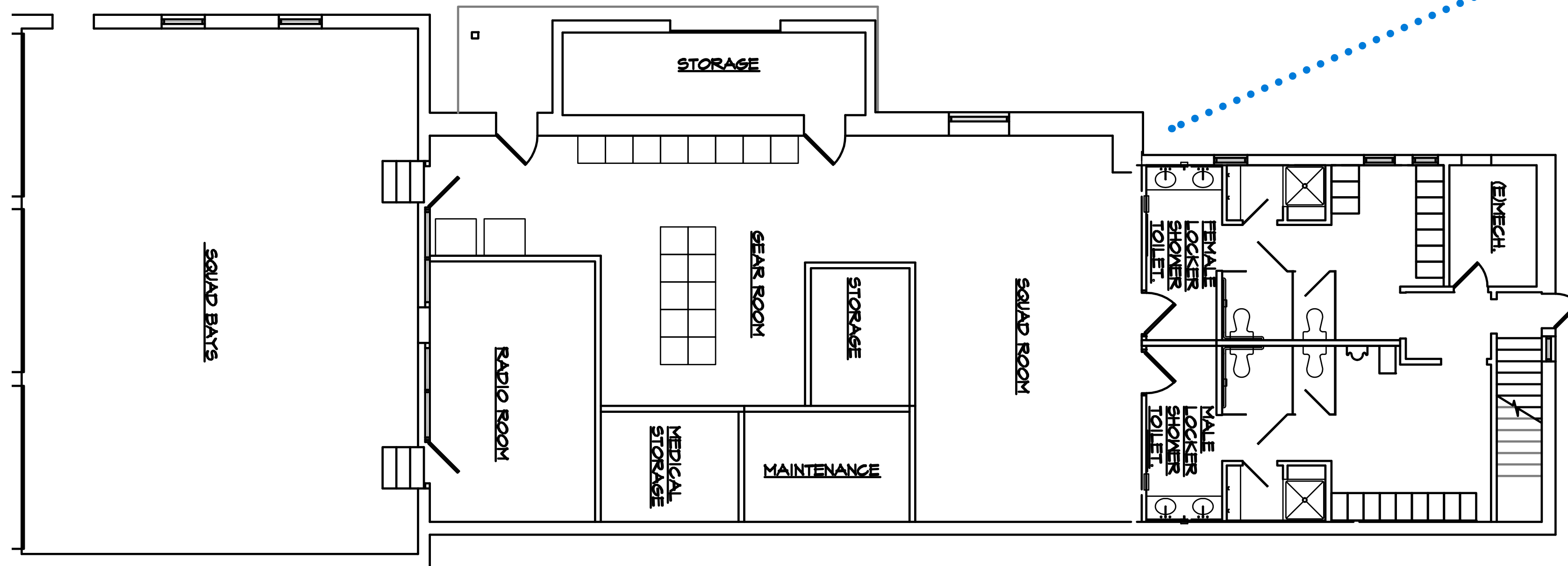
VERONA RESCUE SQUAD

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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.
- » The current building was a 1920's carriage house that was converted for the squad. It underwent upgrades in 1942 and in 1980. Little has been done since.
- » On average 20%-30% of donations received, fund the maintenance and utilities for the building. It is 100% managed by the volunteer team.
- » In 2019, VRS commissioned an evaluation of the existing facility conditions to determine current deficiencies and to evaluate the facility's ability to handle future growth.

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THE NEED... DEFICIENCIES

RESCUE SQUAD



- » The report determined that the existing facility lacks some very essential building planning elements. And operationally is very inefficient.
- » The report suggested proper planning concepts that would result in a safer, more efficient facility capable of a faster turnout which is so critical for life saving operations.
- » The report highlighted 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



- » Commonly, existing facilities often fail on the criteria of adequate space.
 - » Main entrance public access / ADA compliance
 - » Additional, future apparatus bays; unsafe bay clearances
 - » Adequate space for a training room
 - » Adequate kitchen space
 - » Adequate office space / watch / report rooms
 - » No decontamination space / eye wash capabilities
 - » Adequate oxygen tank storage facilities
 - » No adequate toilet facilities or shower facilities
 - » No locker rooms, bunk rooms, or private space for calls that may regard sensitive HIPAA related subjects
 - » Maintenance / Work space
 - » Inadequate parking for members
 - » Deteriorated infrastructure, power, lighting, plumbing

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EXISTING CONDITIONS

RESCUE SQUAD



"COMMUNICATIONS FOR CALLS IS IN OPEN WORK AREA"



"INADEQUATE WORK AREAS"



"POOR MECHANICAL EQUIP"



"INADEQUATE KITCHEN"



"POOR STORAGE"



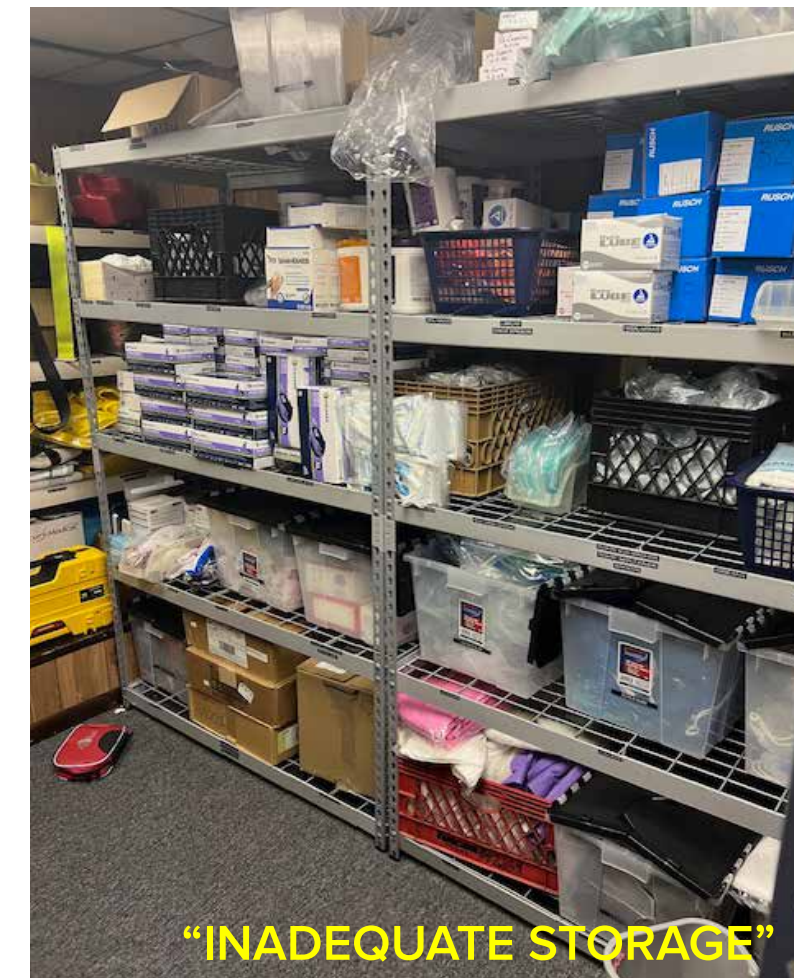
"INADEQUATE WORK AREAS"



"INADEQUATE STORAGE"



"DATED, INADEQUATE TOILET"



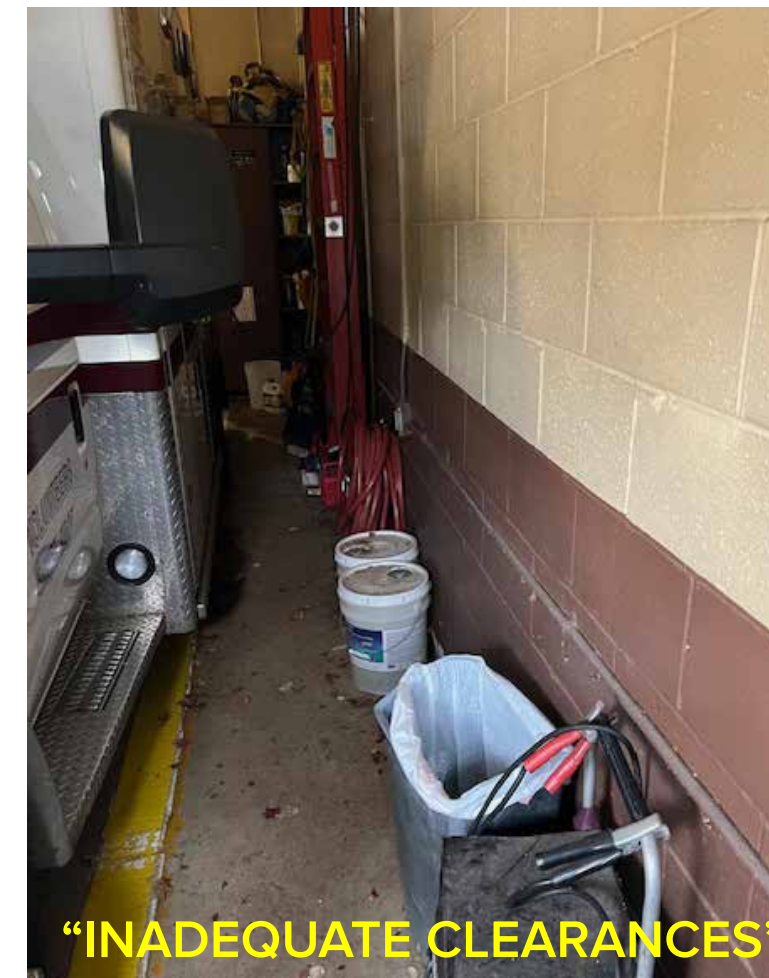
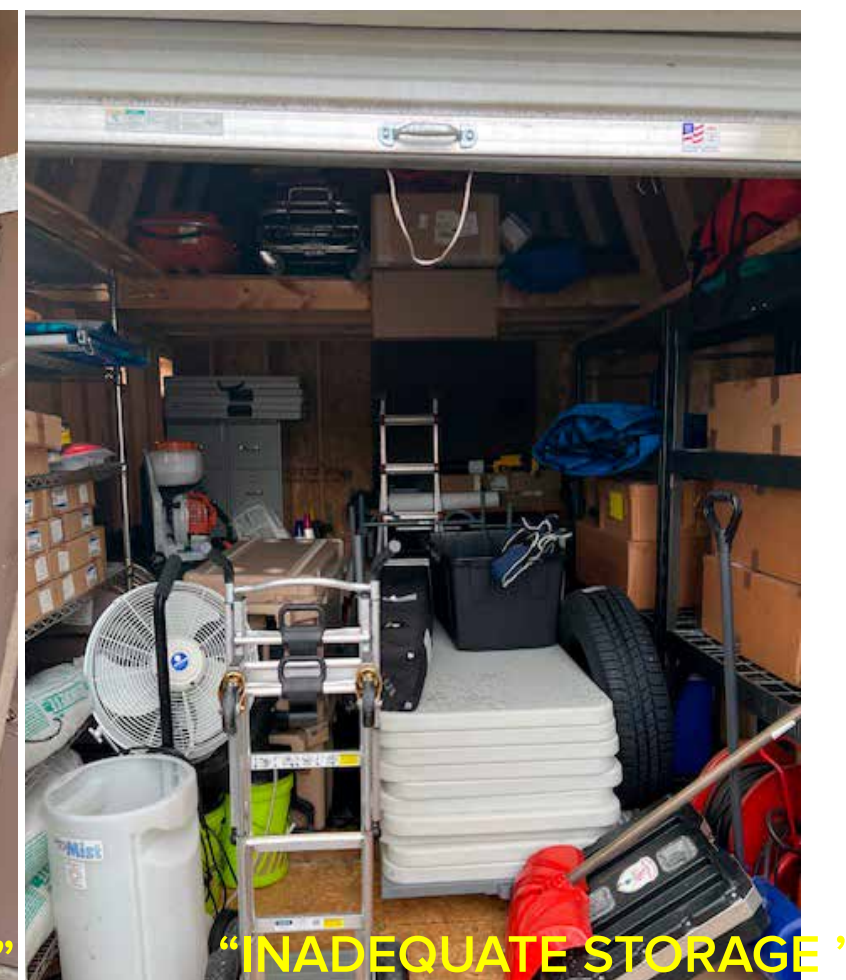
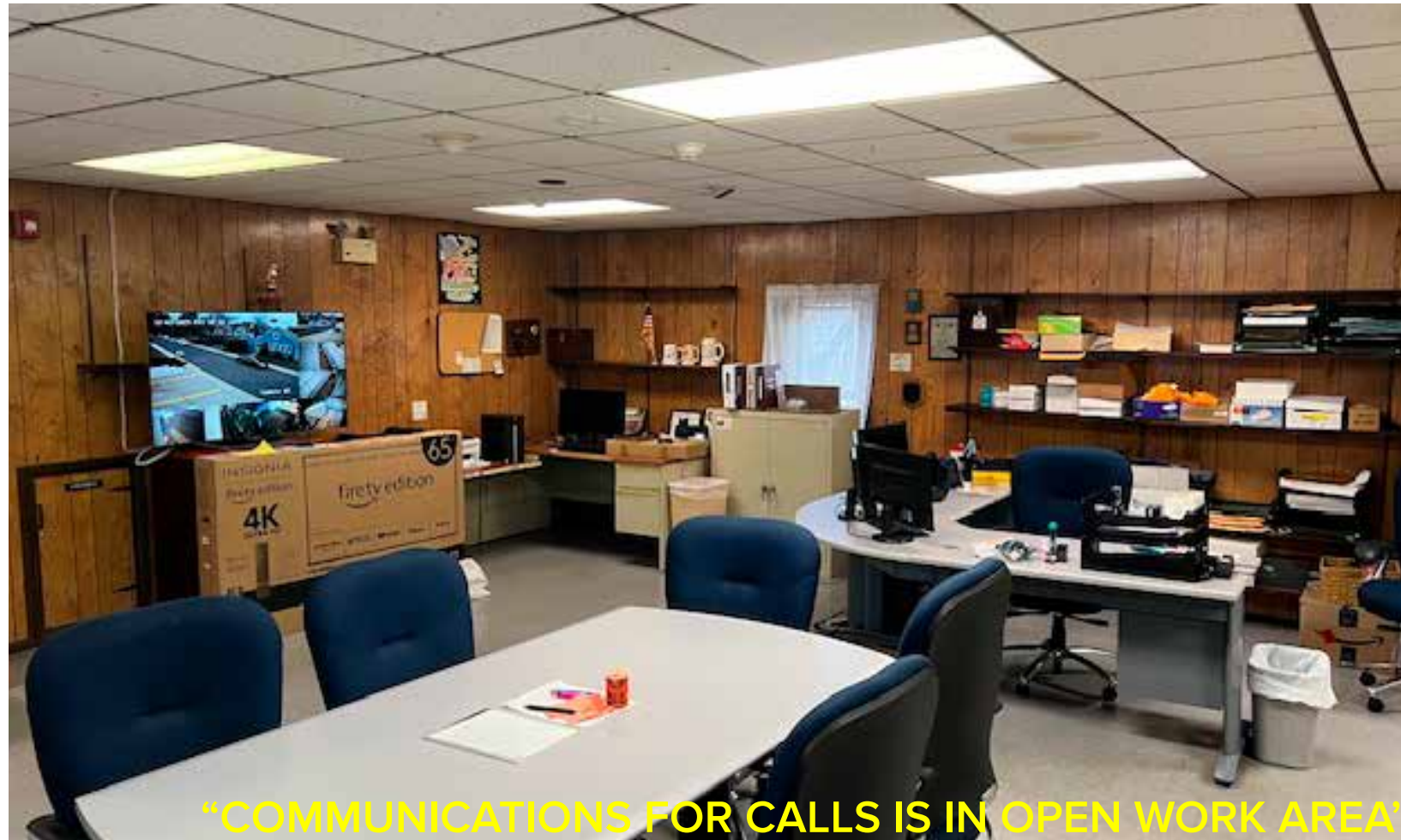
"INADEQUATE STORAGE"



"MAKE-SHIFT STORAGE"

EXISTING CONDITIONS

RESCUE SQUAD

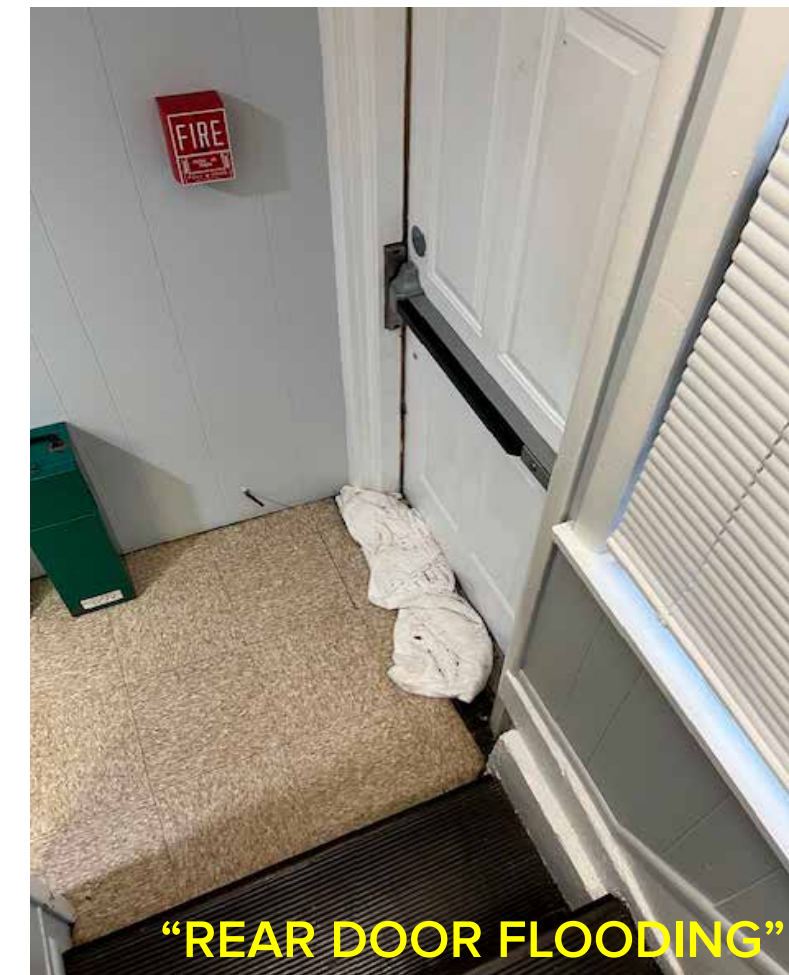


SOLUTIONS ARCHITECTURE



EXISTING CONDITIONS

RESCUE SQUAD



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