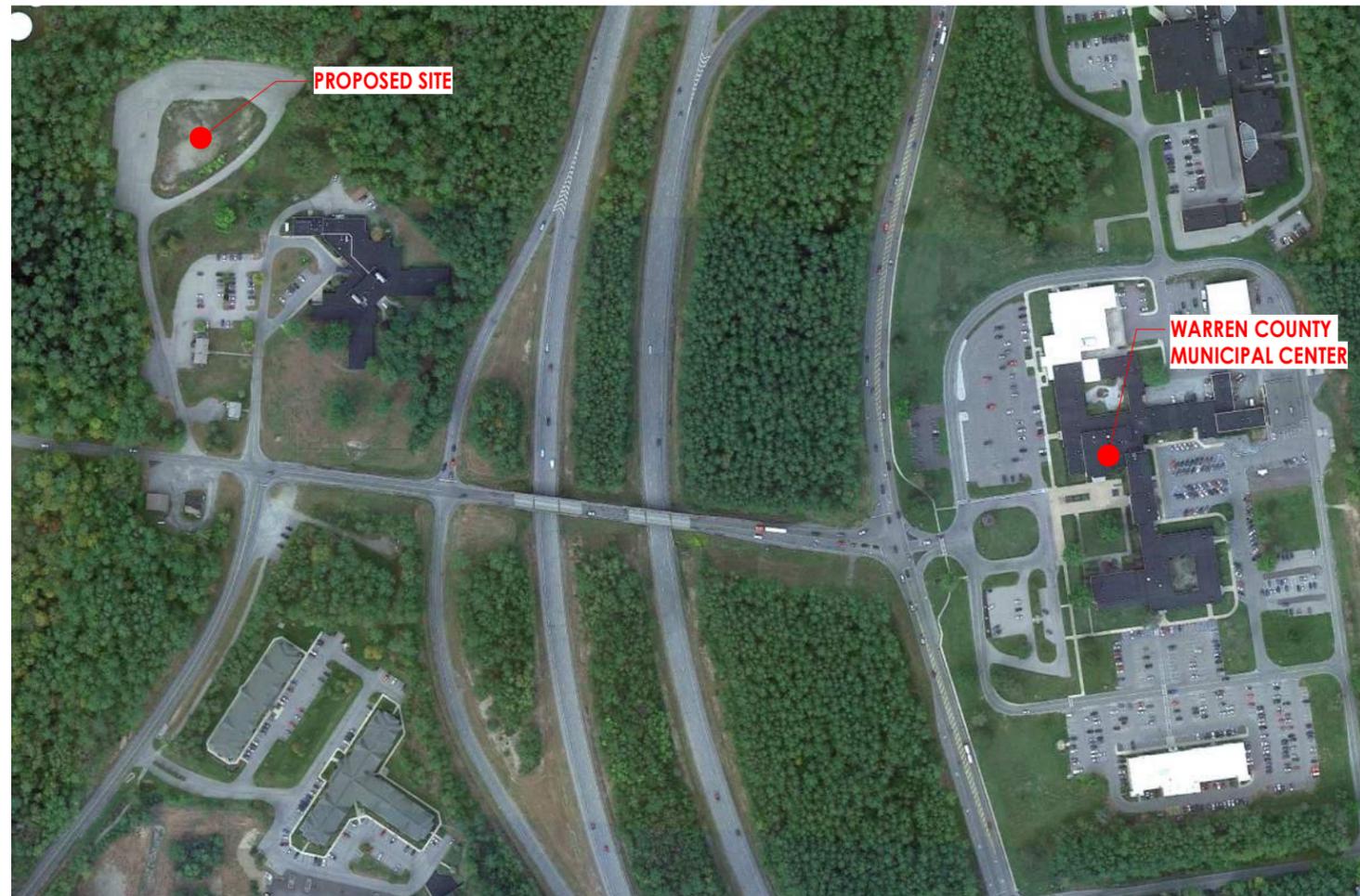


WARREN COUNTY DPW FORENSICS FEASIBILITY MEDICAL EXAMINERS OFFICE SCHEMATIC DESIGN

LOCATION MAP



QUESTIONNAIRE RESPONSES:

WRITTEN RESPONSES

1. Responses received from: Warren, Washington, Fulton, Clinton, & Saratoga County
2. Please list the counties and the date (1/1/2018) for benchmarking the counties needs for 5 years past, current year (1/1/2023) and 5 years forward (1/1/2028)
 - a. See data responses below
3. How far into the future should we set the planning horizon (1/1/2043) 20years or 30years (1/1/2053) into the future; projected population & number of deaths.
 - a. Warren County: "2043 70,000 – population 150 – number deaths 125 – number of autopsies" "2053 75,000 – population 175 – number deaths 150 – number of autopsies"
 - b. Saratoga County: "2053 ~450,000 - population ~600 - number deaths ~200 – number of autopsies"
 - c. Fulton County: n/a
 - d. Clinton County: n/a
4. Please describe your existing facilities that you own, lease, or share space for your autopsy needs.
 - a. Warren County: "Small: 1 autopsy set up. No growth; poor storage area and poor paperwork area. Glenn Falls Hospital Morgue is too small and when numerous agencies in attendance, no space."
 - b. Saratoga County: "We utilize the SARATOGA Hosp. Morgue. Contract 5 pack."
 - c. Fulton County: "No facility in county accept local hospital morgue"
 - d. Clinton County: "We contract to use hospital morgues and autopsy rooms"
5. Would your county benefit from a "tissue bank / eye center".
 - a. Warren County: "I believe any agency that can supply tissue bank is a community looking towards the future."
 - b. Saratoga County: "No, there is already a tissue bank in Clifton Park - eyes are received @ each hospital."
 - c. Fulton County: "No"
 - d. Clinton County: "Perhaps, yes it would be beneficial"
6. What are your expectations for the new site (access, circulation, parking, security)?
 - a. Warren County: "Drive in garage for unloading; refrigeration to hold all deceased; 25 a starting number. Small "paining" unless other activity such as meeting or education. Security of something "excusable" would be a must."
 - b. Saratoga County: "Multi-county facility would need ""night"" access for bringing bodies in - cooler capacity, decomp cooler, HEPA filtration, isolation room"
 - c. Fulton County: "Easy access, up to date equipment, morgue capacity, security"
 - d. Clinton County: "Secure facility with couple well-lit parking for large vehicles (ex. Suburban). Privacy for loading/unloading decedents. High ceilings for equipment placement such as lifts for decedents. High windows (for privacy), that provide natural light, and open with screens for fresh air"
7. Identify the proposed staff (align with the planning horizon) for the new facility that will meet your county's needs? Please include titles.
 - a. Warren County: "1 Clerical - 1 Chief ME - 3 Assistant Chief ME - 2 Autopsy Techs"
 - b. Saratoga County: n/a
 - c. Fulton County: "Family advocate, cleaning/janitorial staff"
 - d. Clinton County: "Minimum of 2 board certified forensic pathologists w/ associated support staff to provide adequate professional coverage for the facility. This would allow proper rotation for days off, vacation, autopsy work, histology, report interpretation, and final report dictation/writing/typing. Perhaps one or both could also have board certification in neuropathology."
8. Identify the proposed future visitors, families, students, first responders counts and their needs while at the new facility?
 - a. Warren County: "Area to congregate and table, chairs. Families should see deceased at funeral home."
 - b. Saratoga County: n/a
 - c. Fulton County: "Private area for family by appointment, need area for law enforcement, don't understand student/1st responder"
 - d. Clinton County: "Restrooms for all, scrubs to change into, office/locker space for visiting coroners regularly utilizing the facilities, showers/changing areas, kitchen area for staff and visiting coroners"
9. What are your desired hours of operation for the MEO? What hours would you like the new MEO to receive decedents and then next of kin / families for viewing?
 - a. Warren County: "As needed. As needed. Takes place at funeral home."
 - b. Saratoga County: n/a
 - c. Fulton County: "Normal business hours w/ exception by on call"
 - d. Clinton County: "Autopsy services: business hours M-F w/ ability for Sat/Sun if needed. NOK/Facilities/Viewing/ID: 7 days a week during business hours Receive/Release Decedents: 24/7 w/ card readers."
10. Which day(s) and when are your current operations the busiest?
 - a. Warren County: "Death doesn't pick a day. Some days you do 3, some weeks 6 or 7, then nothing for a couple of weeks. Monday-Friday workdays for autopsies as scheduled."
 - b. Saratoga County: n/a
 - c. Fulton County: "Monday-Friday - on call weekend"
 - d. Clinton County: "Varies"
11. How do you expect the caseload to increase in your county's future?

- a. Warren County: "With population it will increase. With nursing home, you will get increase: type of activities and growth of recreation area activities."
 b. Saratoga County: n/a
 c. Fulton County: "6-8% a year. Possible 10% in the next 2 years due to OD"
 d. Clinton County: "To stay the same or increase"
12. Identify the number of main autopsy stations, special autopsy stations, BSL3 (high containment) stations, desired in the new MEO?
 a. Warren County: "You should have 2 complete set up now. With number increases add on would be acceptable."
 b. Saratoga County: n/a
 c. Fulton County: "Main autopsy at least 2, special & neg. pressure room 1-2"
 d. Clinton County: "Please consult Michael Sikirica, MD"
13. Describe critical agency functions / processes / testing to be performed in the future.
 a. Warren County: "DNA; CRIME."
 b. Saratoga County: n/a
 c. Fulton County: "Rapid DNA"
 d. Clinton County: "Investigation, photographs, fingerprints, autopsy, lab work, histology, & toxicology"
14. Describe any new agency functions or services to be offered. Also identify any major new equipment needed.
 a. Warren County: "Equipment beside office; would come from ME."
 b. Saratoga County: "30 bay cooler - 5 bay decomp cooler - 3 autopsy tables - storage - isolation room"
 c. Fulton County: "Rapid DNA"
 d. Clinton County: "On site accredited forensic/toxicology testing could be beneficial, on-site accredited histology lab would be helpful"
15. Identify the potential hazards and critical quantities. What safety measures would you like to see in the new MEO facility?
 a. Warren County: "Shower area; normal hospital safety and proper disposal of human waste."
 b. Saratoga County: "Need enough supplies to cover any mass casualty"
 c. Fulton County: "Security policy"
 d. Clinton County: "Biohazard measures as required, air changing system at required rates, formaldehyde/formalin safety measures"
16. Identify all deliveries made and how often they are made to the facility (volumes, schedules, and types). Any special considerations for these deliveries?
 a. Warren County: n/a
 b. Saratoga County: "Supplies delivered during day & would need a staff to accept"
 c. Fulton County: "Policies & procedures in place for security"
 d. Clinton County: "24/7 movement of decedents in and out of the facility, supplies should be able to be delivered to a secure area 24/7"
17. What is the current accreditation status? What is desired?
 a. Warren County: n/a
 b. Saratoga County: "Hospital is accredited"
 c. Fulton County: "Forensic Accreditation/ISO, Forensic Lab Accreditation if needed, ABMDI/NAME Accreditation for ME"
 d. Clinton County: "Please consult Michael Sikirica, MD"
18. Identify any critical infrastructure needs (mechanical, plumbing, electrical, telecommunications, security) required for the agency to function correctly. Please include infrastructure criteria (temperature, humidity, water, voltage, card readers, etc.).
 a. Warren County: n/a
 b. Saratoga County: "H2O (Hot/Cold) - HEPA Filter - Temp. monitor for coolers"
 c. Fulton County: "Computer software"
 d. Clinton County: "Card readers for coroners/ME's/Funeral Directors, please consult Michael Sikirica, MD for further"
19. Identify any issues or needs as it pertains to privacy and/or security considerations?
 a. Warren County: "Changing area/locker room."
 b. Saratoga County: "Viewing room for families"
 c. Fulton County: n/a
 d. Clinton County: "Secure facility with privacy for work and unloading/loading of decedents"
20. Identify storage needs including type and quantity of storage for the office, personal, tissue, and decedents?
 a. Warren County: "Refrigeration for organs and bodies and any other that requires."
 b. Saratoga County: "Body bags - gloves - gowns - scalpels - spec. contain - masks - ""hat"" - shoe covers - disinfection & cleaning"
 c. Fulton County: "Storage for long-term body (freezer storage)"
 d. Clinton County: "Adequate mortuary coolers (If 9 counties utilizing, perhaps room to hold 30 +/- decedents). Restrooms/showers/changing areas/kitchen for staff and visiting coroners. Restrooms for families/visitors."
21. What functions/processes are working well for you in your existing facilities? How would you like to improve functions / processes in the future?
 a. Warren County: "More space - is a needed () as well as equipment."
 b. Saratoga County: "Works for our county - need larger cooler - better filtration"
 c. Fulton County: "We have old, outdated morgue space, hours for autopsy vary depending on MD availability, so anything could be better"
 d. Clinton County: "Improved unloading/loading areas for decedents conducive for higher/bigger vehicles and SUVs would help"
22. What physical aspects of your current facility are working well? What physical aspects would you improve in the new MEO facility?
 a. Warren County: n/a
 b. Saratoga County: "See above"

- c. Fulton County: "Cost & accessibility, plus communication w/ hospital and MD"
 - d. Clinton County: "The people are great. I think all facilities we currently use have become outdated and antiquated in many aspects"
23. Please describe your culture and then how your new MEO facility can best accommodate your culture.
- a. Warren County: "There are different cultures dealt with. We need to be able to respect this and help in anyway."
 - b. Saratoga County: "All "-" chaplain"
 - c. Fulton County: n/a
 - d. Clinton County: "We have a growing need for board certified forensic pathologists to be a regular part of death investigation team by contract"
24. We understand how difficult it is to recruit and retain talented staff. What facility improvements would help in designing the new MEO facility to help in this matter?
- a. Warren County: "A better work environment along with an atmosphere for meetings and information."
 - b. Saratoga County: "State of the art facility & "bay ""
 - c. Fulton County: "Fair wages, continuing education, keep politics out, keep stress & mental health for employee in mind"
 - d. Clinton County: "Please consult our forensic pathologist, Michael Sikirica, MD"
25. What have been the biggest challenges to your county's team performing their work effectively and efficiently?
- a. Warren County: "A place to do work and storage for records. We need phones - copiers and computer set ups and mailboxes."
 - b. Saratoga County: "Cooler space - only one pathologist"
 - c. Fulton County: "Time & budget"
 - d. Clinton County: "Lack of adequate cooler space for decedents, lack of adequate space in autopsy rooms, lack of parking at facilities, poor design of unloading/loading areas for decedents, shortage of board certified forensic/pathologists/neuropathologists"
26. Is there anything else you would like to tell us about the new MEO workplace needs?
- a. Warren County: "In time to grow the future let Warren County lead the way, not fall behind."
 - b. Saratoga County: n/a
 - c. Fulton County: "Not at this point but I have concern to good equipment & cost & reference people from all over the United States for advice in set up & grants "
 - d. Clinton County: "Warren County (Exit 20-I-87) seems to be geographically centered for this project to be very workable and convenient"
27. Are there any other important issues that have not yet been addressed?

- a. Warren County: "The future is ours. Let's lead the way! Better services for families at the worse time. Will make every situation a little easier to tolerate."
 - b. Saratoga County: n/a
 - c. Fulton County: "No, but please note this survey was hard to answer"
 - d. Clinton County: "To have this facility adequately and professionally staffed, equipped, and supplied so that completed final autopsy reports could be signed out by forensic pathologists and issued within 30 days from the date of autopsy"
28. Washington County Response
- a. "Basic needs of our county: Main concerns would be to continue having local access to a fully equipped facility with a small amount of temporary secure storage, be able to conduct autopsies when needed, and have sustainable locally available Forensic Pathology to conduct those autopsies without significant increase in travel and other costs (as we experienced when Glens Falls Hospital closed their morgue a few years back prior to it re-opening)."

KEY TAKE-AWAYS (a blended response from the counties)

1. EXISTING FACILITIES – most MEO's are currently utilizing hospitals or other nearby facilities
2. TISSUE BANK/EYE CENTER – little interest, though it may be beneficial
3. SITE EXPECTATIONS – secure facility, easy access, night drop-off access
4. STAFF EXPECTATIONS – min. 2 board cert. forensic pathologists, family advocate, janitorial/maintenance staff
5. VISITOR EXPECTATIONS – families (by apt.), law enforcement, visiting coroners
6. DESIRED OPERATION HOURS – M-F 8 am-5 pm, on call weekends, 24/7 receipt/release
7. CASELOAD EXPECTATIONS – 6-8% growth/year
8. AUTOPSY EXPECTATIONS – min. 2 stations (main), 1-2 stations (special)
9. AD. AGENCY FUNCTIONS – rapid DNA, investigation, photography, fingerprints, lab work (toxicology/forensic testing/histology)
10. SAFETY EXPECTATIONS – updated security policy, biohazard measures, req. air changes, formaldehyde/formalin measures, supply storage for mass causality
11. DELIVERY EXPECTATIONS – secure deliveries during the day, 24/7 decedent drop-off
12. ACCREDITATION STATUS – current hospitals are accredited, Forensic Accreditation/ISO, Forensic Lab Accreditation, ABMDI/NAME
13. CRITICAL INFRASTRUCTURE – H2O (Hot/Cold), HEPA Filter, Temp. monitor for coolers, modern computer systems, card readers for secure access
14. PRIVACY EXPECTATIONS – viewing room for families, secure/private loading area/sallyport, clerestory windows

15. STORAGE EXPECTATIONS – ME supply storage, cleaning supply storage, PPE storage, long-term and in/out cooler decedent storage (30+), office supply storage, attic storage

16. RECRUIT/RETAIN – State of the art facility, fair wages, continuing education, keep politics out, keep stress & mental health for employee in mind

DATA RESPONSES

1. Responses received from: Warren, Essex, Washington, Saratoga, Fulton, & Clinton County
2. Population data filled in from census

| Warren | Death Count | Autopsy Count | Population |
|--------|-------------|---------------|------------|
| 2017 | | | |
| 2018 | 70 | 50 | 65,000 |
| 2019 | 80 | 60 | 65,000 |
| 2020 | 90 | 70 | 65,300 |
| 2021 | 95 | 75 | 65,500 |
| 2022 | 125 | 88 | 65,500 |
| 2023 | 100 | 70 | 65,737 |

| Essex | Death Count | Autopsy Count | Population |
|-------|-------------|---------------|------------|
| 2017 | | | 37,521 |
| 2018 | 319 | 31 | 37,309 |
| 2019 | 369 | 22 | 36,987 |
| 2020 | 373 | 25 | 36,891 |
| 2021 | 354 | 23 | 37,268 |
| 2022 | 380 | 13 | 36,910 |
| 2023 | | | 36,784 |

| Clinton | Death Count | Autopsy Count | Population |
|----------------------|-------------|---------------|------------|
| 2017 | | | 80,595 |
| 2018 | ? | 91 | 80,675 |
| 2019 | ? | 91 | 80,031 |
| 2020 | 216 | 95 | 79,778 |
| 2021 | 275 | 99 | 79,596 |
| 2022 | 311 | 99 | 79,387 |
| To date (07.25.2023) | 127 | 45 | 79,959 |

| Washington | Death Count | Autopsy Count | Population |
|----------------------|-------------|---------------|------------|
| 2017 | 54 | -- | 61,600 |
| 2018 | 56 | -- | 61,335 |
| 2019 | 68 | 17 | 61,168 |
| 2020 | 98 | 52 | 60,606 |
| 2021 | 101 | 38 | 60,956 |
| 2022 | 106 | 55 | 60,841 |
| To date (08.11.2023) | 49 | -- | 60,729 |

| Saratoga | Death Count | Autopsy Count | Population |
|----------|-------------|---------------|------------|
| 2017 | -- | -- | 229,314 |
| 2018 | 361 | 131 | 232,327 |
| 2019 | 341 | 109 | 233,917 |
| 2020 | 419 | 289 | 235,509 |
| 2021 | 439 | 121 | 237,099 |
| 2022 | 44 | 157 | 238,797 |
| 2023 | -- | -- | 240,279 |

| Fulton | Death Count | Autopsy Count | Population |
|----------------------|-------------|---------------|------------|
| 2017 | | | 53,815 |
| 2018 | 130 | 37 | 50,000 |
| 2019 | 150 | 60 | 55,531 |
| 2020 | 175 | 53 | 53,324 |
| 2021 | 182 | 52 | 53,588 |
| 2022 | 189 | 59 | 52,669 |
| To date (07.26.2023) | 108 | 29 | 25,661 |

| Hamilton | Death Count | Autopsy Count | Population |
|----------|-------------|---------------|------------|
| 2017 | | | 4,477 |
| 2018 | | | 4,453 |
| 2019 | | | 4,438 |
| 2020 | | | 4,345 |
| 2021 | | | 5,119 |
| 2022 | | | 5,118 |
| 2023 | | | 5,188 |

Warren County MEO Decedent Planning

Planning Horizon (Decedent Storage)

- The decedent storage system is comprised of 3 rooms: Cooler In, Cooler Out, and Freezer. Coolers are 6 modules (726 NSF) each with capacity of 20 short-term decedents per room on individual gurneys. The freezer is 1.5 modules (182 NSF) with capacity of 3 long-term decedents on individual gurneys. The selection of gurneys versus a higher-capacity (rack & stack) storage system provides greater flexibility and ease of use for the staff while still accommodating the present and future storage needs.
- The numbers are from a series of calculations using the data provided by Essex, Warren, Washington, Saratoga, Fulton, & Clinton County in addition to several planning variables.
 - A 3-day turn around maximum (not average) per decedent
 - A 50% additional projection to determine death counts in 2053
 - This number was determined from an average of estimates provided by Saratoga & Warren County
 - A 110% projection to determine the peak monthly average death count
 - This number was based on averages from the [CDC mortality dashboard](#)
 - A 2% projection to determine the number of unidentified decedents
 - This number was based on averages from a [national study done by the CDC](#) (unidentified 40,000/2.7 billion)
 - The recommended Short-Term storage capacity is an average between the minimum overlap and peak monthly
 - Recommended long-term storage capacity is 2 times the expected unidentified decedents per month
 - Total cases for 2022 were provided by Dr. Sikarica (400-500) and these numbers are applied to the 50% projection to determine an estimate for 2053 (650-750).
 - Per Dr. Sikarica : include a 30% and 50% projection to the 2053 estimate.

Planning Horizon (Autopsy Stations)

- The autopsy areas are comprised of 2 main rooms: the autopsy suite sized at 10 modules (1210 NSF) with 3 stations to be installed presently and one to be installed in the future and the decomposition suite sized at 4 modules (484 NSF) with 1 station to be installed presently and one to be installed in the future.
- The numbers are from a series of calculations using the data provided by Essex, Warren, Washington, Saratoga, Fulton, & Clinton County in addition to several planning variables.
 - Pathologists can perform 250 autopsies per year
 - Decomposition cases occur at half the rate of regular cases

- The total cases for 2022 were provided by Dr. Sikarica (400-500) and these numbers were applied to the 50% projection to determine an estimate for 2053 (650-750).

Planning Horizon Summary for Warren County Facility

Decedent Storage

- Cooler In: 6 modules (726 NSF)
 - 20 decedents
 - Individual gurneys
- Cooler Out: 6 modules (726 NSF)
 - 20 decedents
 - Individual gurneys
- Freezer: 1.5 modules (182 NSF)
 - 3 decedents
 - Individual gurneys

Autopsy Stations

- Autopsy Suite: 10 modules (1,210 NSF)
 - 3 stations + 1 future station
- Decomposition Suite: 4 modules (484 NSF)
 - 1 stations + 1 future station

County Submitted Data

| Essex | Death Count | Autopsy Count | Population |
|-------|-------------|---------------|------------|
| 2018 | 319 | 31 | 37,309 |
| 2019 | 369 | 22 | 36,987 |
| 2020 | 373 | 25 | 36,891 |
| 2021 | 354 | 23 | 37,268 |
| 2022 | 380 | 13 | 36,910 |
| 2053 | 570 | 46.5 | |

| Warren | Death Count | Autopsy Count | Population |
|--------|-------------|---------------|------------|
| 2018 | 70 | 50 | 65,000 |
| 2019 | 80 | 60 | 65,000 |
| 2020 | 90 | 70 | 65,300 |
| 2021 | 95 | 75 | 65,500 |
| 2022 | 125 | 88 | 65,500 |
| 2053 | 187.5 | 132 | |

| Washington | Death Count | Autopsy Count | Population |
|------------|-------------|---------------|------------|
| 2018 | 56 | -- | 61,335 |
| 2019 | 68 | 17 | 61,168 |
| 2020 | 98 | 52 | 60,606 |
| 2021 | 101 | 38 | 60,956 |
| 2022 | 106 | 55 | 60,841 |
| 2053 | 159 | 82.5 | |

| Saratoga | Death Count | Autopsy Count | Population |
|----------|-------------|---------------|------------|
| 2018 | 361 | 131 | 232,327 |
| 2019 | 341 | 109 | 233,917 |
| 2020 | 419 | 289 | 235,509 |
| 2021 | 439 | 121 | 237,099 |
| 2022 | 444 | 157 | 238,797 |
| 2053 | 666 | 433.5 | |

| Fulton | Death Count | Autopsy Count | Population |
|--------|-------------|---------------|------------|
| 2018 | 130 | 37 | 50,000 |
| 2019 | 150 | 60 | 55,531 |
| 2020 | 175 | 53 | 53,324 |
| 2021 | 182 | 52 | 53,588 |
| 2022 | 189 | 59 | 52,669 |
| 2053 | 283.5 | 90 | |

| Clinton | Death Count | Autopsy Count | Population |
|---------|-------------|---------------|------------|
| 2018 | ? | 91 | 80,675 |
| 2019 | ? | 91 | 80,031 |
| 2020 | 216 | 95 | 79,778 |
| 2021 | 275 | 99 | 79,596 |
| 2022 | 311 | 99 | 79,387 |
| 2053 | 466.5 | 148.5 | |

*items in red are estimates for 2053

Totals per County

| Total DC | Total AC | Population Growth | Case Factor |
|----------|----------|-------------------|-------------|
| 1795 | 114 | -0.3% | 6% |

| Total DC | Total AC | Population Growth | Case Factor |
|----------|----------|-------------------|-------------|
| 460 | 343 | 0.2% | 75% |

| Total DC | Total AC | Population Growth | Case Factor |
|----------|----------|-------------------|-------------|
| 429 | 162 | -0.2% | 38% |

| Total DC | Total AC | Population Growth | Case Factor |
|----------|----------|-------------------|-------------|
| 2004 | 807 | 0.7% | 40% |

| Total DC | Total AC | Population Growth | Case Factor |
|----------|----------|-------------------|-------------|
| 826 | 261 | 1.3% | 32% |

| Total DC | Total AC | Population Growth | Case Factor |
|----------|----------|-------------------|-------------|
| 802 | 475 | -0.4% | 59% |

Totals for New Facility

| Total DC | Total AC | Population Growth | Case Factor |
|----------|----------|-------------------|-------------|
| 6316 | 2162 | -- | -- |

| Avg. DC | Avg. AC | Avg. Pop. Growth | Avg. CF |
|---------|---------|------------------|---------|
| 1053 | 360 | 0.2% | 42% |

| User Submitted Data* | | | | | | Updated Planned Tables | | | |
|----------------------|---------------|-------------|-------------|------------------------------|---------------------|------------------------|---------------------|-----------------|--|
| Total DC | Total Avg. DC | Case Factor | Total Cases | Autopsy / Year / Pathologist | Main Autopsy Tables | Specialty Table | Main Autopsy Tables | Specialty Table | |
| -- | -- | -- | 400 | 250 | 2 | 1 | 3 + 1 future | 1 + 1 future | |
| -- | -- | -- | 500 | 250 | 2 | 1 | | | |
| -- | -- | -- | 650 | 250 | 3 | 1 | | | |
| -- | -- | -- | 750 | 250 | 3 | 2 | | | |

| User Submitted Data* | | | | | | | | | | Planned Storage | | | |
|----------------------|-------------|------------|--------------|--------------|------------|---------------------|------------------------|----------------------|------------------------|-----------------------|--------------------|-------------------|--|
| | Death Count | Case Count | Avg. Monthly | Peak Monthly | Avg. Daily | Avg/ Overlap (days) | Recommended Short-term | Jane/John Doe Factor | Unidentified Decedents | Recommended Long-term | Planned Short-term | Planned Long-term | |
| Total Yearly 2022 | -- | 400 | 33 | 37 | 2 | 6 | 21 | 2% | 1 | 1 | 40 | 3 | |
| Total Yearly 2022 | -- | 500 | 42 | 46 | 2 | 7 | 26 | 2% | 1 | 2 | | | |
| Total Yearly 2053 | -- | 650 | 54 | 60 | 3 | 9 | 34 | 2% | 1 | 2 | | | |
| Total Yearly 2053 | -- | 750 | 63 | 69 | 3 | 10 | 40 | 2% | 1 | 3 | | | |

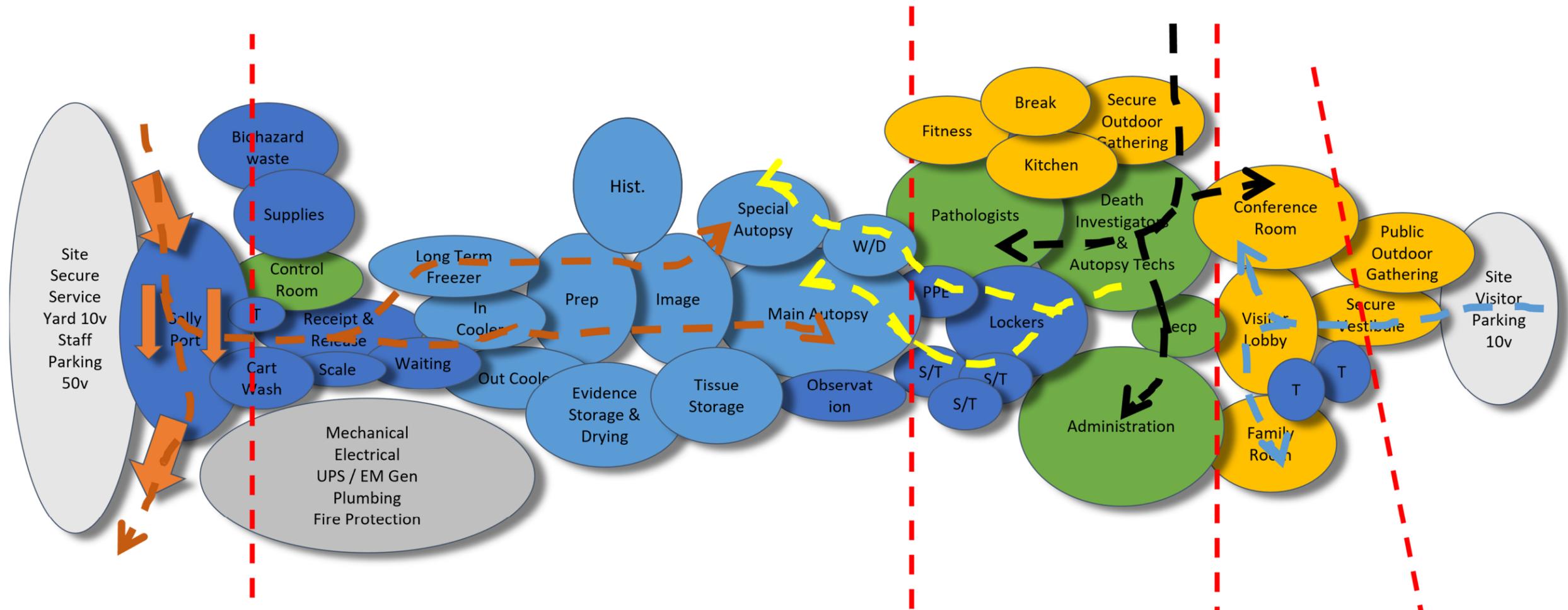
Variables

3 day turn around maximum (not average)
 Peak Monthly 110% of average based on CDC mortality dashboard (NY)
 Projected counts to 2053 (50%?) - avg. of estimates provided by Saratoga & Warren County
[2% unidentified decedents - to be confirmed \(unidentified 40,000/2.7 billion\)](#)
 Daily avg. cases at new facility?
 Max number in day of decedents received?
 Recommended short-term is an average between min. overlap and peak monthly
 Recommended long-term is 2 times the expected unidentified decedents per month

*user submitted data provided by Dr. Sikarica**items in red are estimates for 2053

| Warren County MEO Program | | | | | | | | | |
|---------------------------|---|--------------------|-----------------|------------|---------------|--------------|---------------|--|-----|
| Program | Space Name | Occupancy | Quantity | Mod | NSF | Ratio | GSF | Space Name | Mod |
| | Site | | | | | | | MEP Program items included in GSF | |
| | Secure Parking | 50 | | 1 | 6,050 | 0.95 | 6,368 | Mechanical Rm | 9 |
| | Public Parking | 10 | | 1 | 1,210 | 0.95 | 1,274 | Penthouse | 1 |
| | Public Outdoor Gathering Space | 4 | | 0.5 | 242 | 0.95 | 255 | Electrical Rm | 6 |
| | Secure Outdoor Gathering Space | 20 | | 0.5 | 1,210 | 0.95 | 1,274 | UPS Rm | 0 |
| | Secure Service Yard | 10 | | 1.50 | 1,815 | 0.95 | 1,911 | Plumbing Rm | 4 |
| | Totals (not in program) | | | | 10,527 | | 11,081 | EM Power Rm | 0 |
| | Front Door | | | | | | | Generator Pad | 1 |
| | Visitor Entry Vestibule | 4 | | 1 | 121 | 0.75 | 161 | Data Closet(s) | 1 |
| | Lobby (Fish Tank) | 4 | | 1.50 | 182 | 0.75 | 242 | Phone Closet(s) | 0 |
| | Unisex Toilet | 1 | | 1 | 121 | 0.65 | 186 | Elec. Closet | 1 |
| | Family Room (Remote Viewing) | 4 | | 1.5 | 182 | 0.75 | 242 | | |
| | Reception | 1 | | 1.5 | 182 | 0.75 | 242 | | |
| | Back Door | | | | | | | | |
| | Secure Employee Entry Vestibule | 2 | 2 | 1 | 242 | 0.75 | 323 | | |
| | Sally Port | 2 vehicles | 4 | 11.50 | 1,392 | 0.75 | 1,855 | | |
| | Receipt / Release | 2 decedents | | 8 | 968 | 0.65 | 1,489 | | |
| | Funeral Director / Transport waiting | 4 | | 1 | 121 | 0.65 | 186 | | |
| | unisex toilet | 1 | | 1 | 121 | 0.75 | 161 | | |
| | control room | 4 | | 1.5 | 182 | 0.65 | 279 | | |
| | floor scale | 1 | | 0.5 | 61 | 0.65 | 93 | | |
| | cart wash | 1 | | 0.5 | 61 | 0.65 | 93 | | |
| | body lift | 1 | | 0.5 | 61 | 0.65 | 93 | | |
| | waste holding (bio & chemicals) | (4) 55gal drums | | 1 | 121 | 0.75 | 161 | | |
| | trash holding (paper, recycling & food) | (4) 55gal drums | | 1 | 121 | 0.75 | 161 | | |
| | new chemical storage | wire shelving | | 1 | 121 | 0.75 | 161 | | |
| | new supplies | wire shelving | | 1 | 121 | 0.75 | 161 | | |
| | laundry room (W/D, sink, soiled) | 1 washer / 1 drier | | 1 | 121 | 0.75 | 161 | | |
| | laundry folding & storage room | wire shelving | | 1 | 121 | 0.75 | 161 | | |
| | Space Name | Occupancy | Quantity | Mod | NSF | Ratio | GSF | | |
| | Office | Occupied Seats | | | | | | | |
| | Administration - Sup | 1 | | 1 | 121 | 0.65 | 186 | | |
| | Administration - Manager | 1 | | 1 | 121 | 0.65 | 186 | | |
| | Administration - Clerical | 2 | | 1 | 242 | 0.65 | 372 | | |
| | Pathology - Chief ME | 1 | | 1 | 121 | 0.65 | 186 | | |
| | Pathology - Assistant Chief ME | 1 | | 1 | 121 | 0.65 | 186 | | |
| | Pathology - Pathologists | 1 | | 0.74 | 90 | 0.65 | 138 | | |
| | Pathology - Forensic Pathologists | 1 | | 0.74 | 90 | 0.65 | 138 | | |
| | Pathology - Students / Interns | 1 | | 0.5 | 61 | 0.65 | 93 | | |
| | Autopsy Techs - Sup | 1 | | 1 | 121 | 0.65 | 186 | | |
| | Autopsy Techs - Manger | 1 | | 1 | 121 | 0.65 | 186 | | |
| | Autopsy Techs - Full-time | 4 | | 0.74 | 358 | 0.65 | 551 | | |
| | Death Investigation - Sup | 1 | | 1 | 121 | 0.65 | 186 | | |
| | Death Investigation - Investigators | 5 | | 0.74 | 448 | 0.65 | 689 | | |
| | Warren County Coroner | 1 | 4 | 1 | 121 | 0.65 | 186 | | |
| | Rotating Coroner | 2 | | 1 | 121 | 0.65 | 186 | | |
| | TOTAL | 24 | | | | | | | |

| Space Name | Occupancy | Quantity | Mod | NSF | Ratio | GSF |
|---|-----------------------|----------|-------------|---------------|-------|---------------|
| Office Support | | | | | | |
| Copy Center / Fax / Supplies | 1 | | 1 | 121 | 0.75 | 161 |
| Conference Room | 15 | | 4.00 | 484 | 0.75 | 645 |
| Case File Storage (active) | High Density Shelving | | 1 | 121 | 0.75 | 161 |
| Case File Storage (long term) | High Density Shelving | | 1 | 121 | 0.75 | 161 |
| Case File Storage (Warren County) | High Density Shelving | | 1 | 121 | 0.75 | 161 |
| kitchen | 10 | | 2.00 | 242 | 0.75 | 323 |
| fitness | 5 | | 2.00 | 242 | 0.75 | 323 |
| break | 20 | | 4.00 | 484 | 0.75 | 645 |
| coffee | 4 | | 0.50 | 61 | 0.75 | 81 |
| Locker Room | | | | | | |
| shower / toilet / changing | 1 | | 1 | 121 | 0.65 | 186 |
| Locker room | 25 | | 2.00 | 242 | 0.75 | 323 |
| shower / toilet / changing | 1 | | 1 | 121 | 0.65 | 186 |
| shower / toilet / changing | 1 | | 1 | 121 | 0.65 | 186 |
| PPE storage & gowning | 2 | | 1 | 121 | 0.75 | 161 |
| unisex toilet | 1 | | 1 | 121 | 0.65 | 186 |
| unisex toilet | 1 | | 1 | 121 | 0.65 | 186 |
| Space Name | | | | | | |
| Autopsy | | | | | | |
| main autopsy (3 now + 1 future) | 3 | | 7.5 | 908 | 0.62 | 1,464 |
| special autopsy (1 now + 1 future) | 2 | | 5 | 605 | 0.62 | 976 |
| special autopsy biovestibule | | | 1 | 121 | 0.62 | 195 |
| observation of Main Autopsy | 10 | | 1 | 121 | 0.62 | 195 |
| Lodox & CT scanner imaging | | | 4 | 484 | 0.65 | 745 |
| control room | | | 1 | 121 | 0.62 | 195 |
| Latent Print & Photo Room / evidence / Prep | Cart & Camera | | 2 | 242 | 0.65 | 372 |
| Dictation booth | 4 | | 1 | 121 | 0.65 | 186 |
| In Cooler (6 gurney / 8 rack & stack) | 46 | | 6.00 | 726 | 0.75 | 968 |
| Out Cooler (6 gurney / 8 rack & stack) | 46 | | 6.00 | 726 | 0.75 | 968 |
| Long Term Freezer (8 gurney) | 8 | | 4.50 | 545 | 0.75 | 726 |
| Evidence & Property Storage | Evidence lockers | | 1 | 121 | 0.65 | 186 |
| Pharmaceutical inventory & storage | secure locker | | 1 | 121 | 0.65 | 186 |
| Supply Storage | wire shelving | | 1 | 121 | 0.65 | 186 |
| Evidence Drying | 4 drying cabinets | | 1 | 121 | 0.65 | 186 |
| Tissues Storage Room Temperature | High Density Shelving | | 1 | 121 | 0.65 | 186 |
| Histology Lab | | | 2 | 242 | 0.65 | 372 |
| closet | | | 0.5 | 61 | 0.65 | 93 |
| vestibule | | | 1 | 121 | 0.65 | 186 |
| Totals | | | Mods | NSF | | GSF |
| | | | 131 | 15,807 | | 22,920 |



| | | | |
|--|-----------------------|--|------------------------|
| | General Public | | Decedent Drop-Off |
| | Administrative Access | | Medical Examiner Staff |

Vehicular Travel Path
 ME
 ME Support
 Office
 Office Support
 Infrastructure
 Site
 Security Line

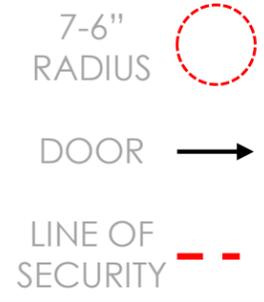
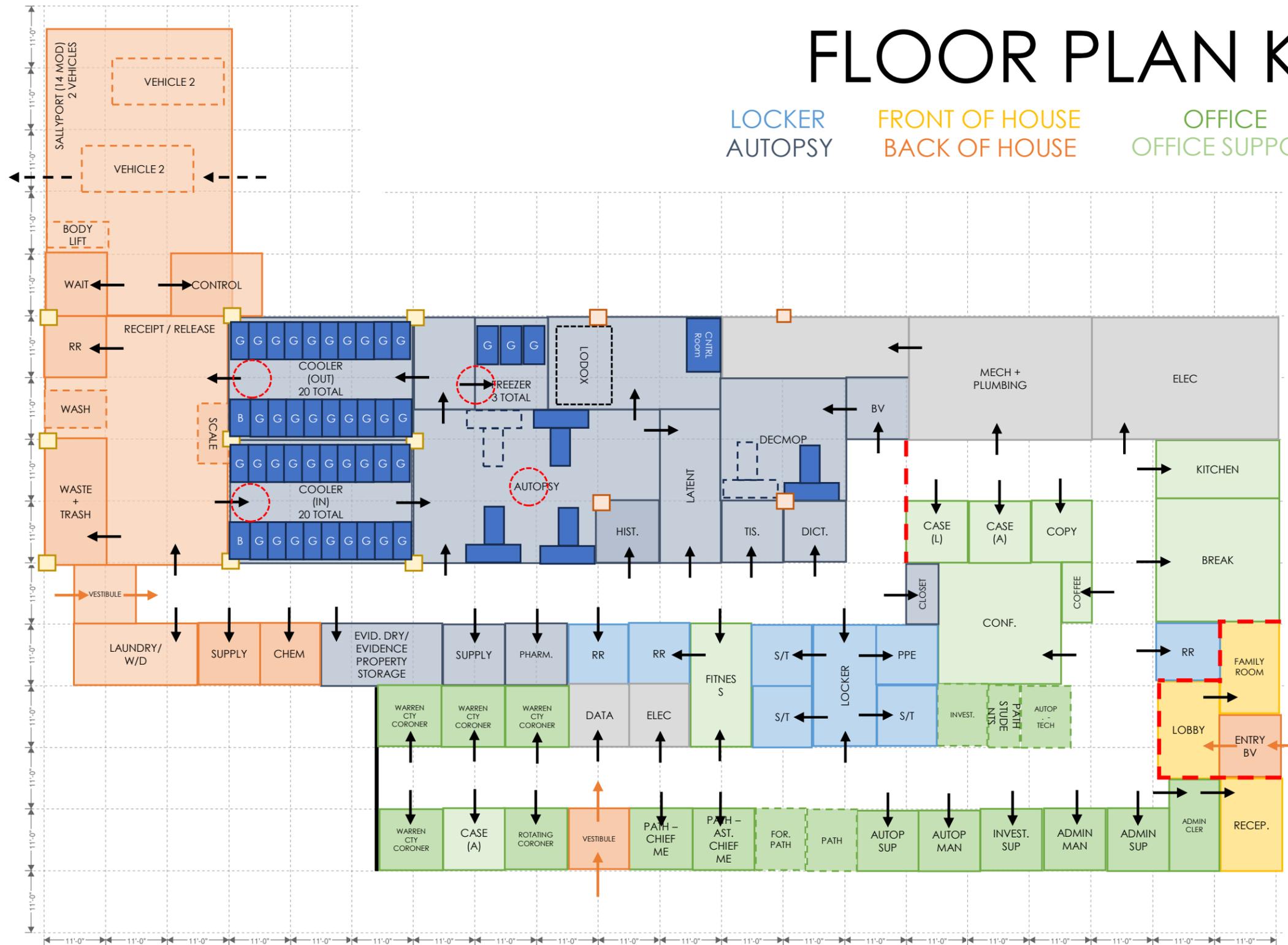
FLOOR PLAN KEY

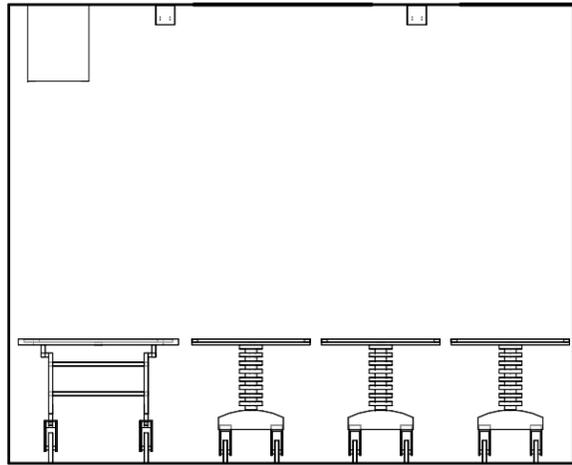
LOCKER
AUTOPSY

FRONT OF HOUSE
BACK OF HOUSE

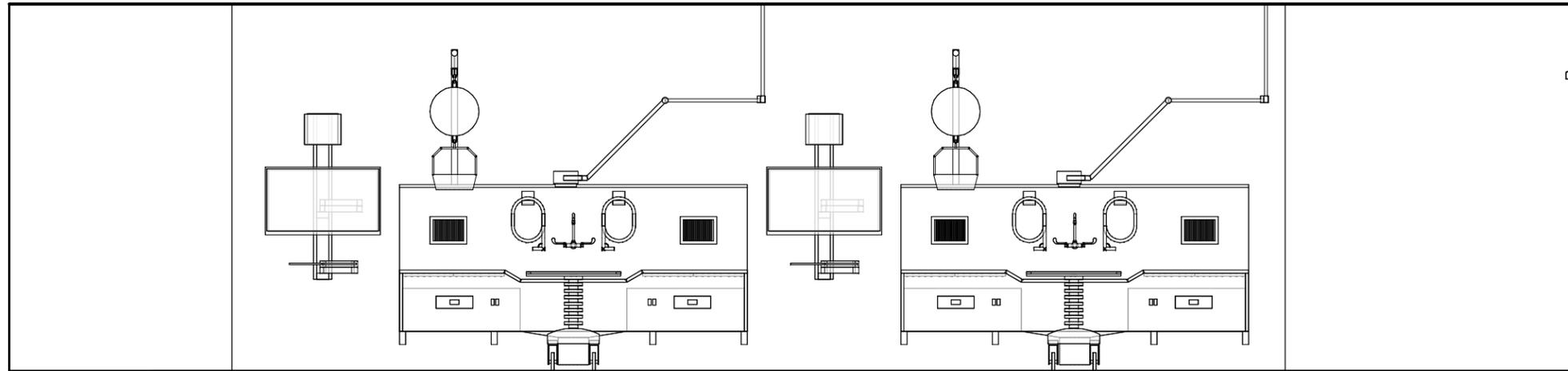
OFFICE
OFFICE SUPPORT

UTILITIES

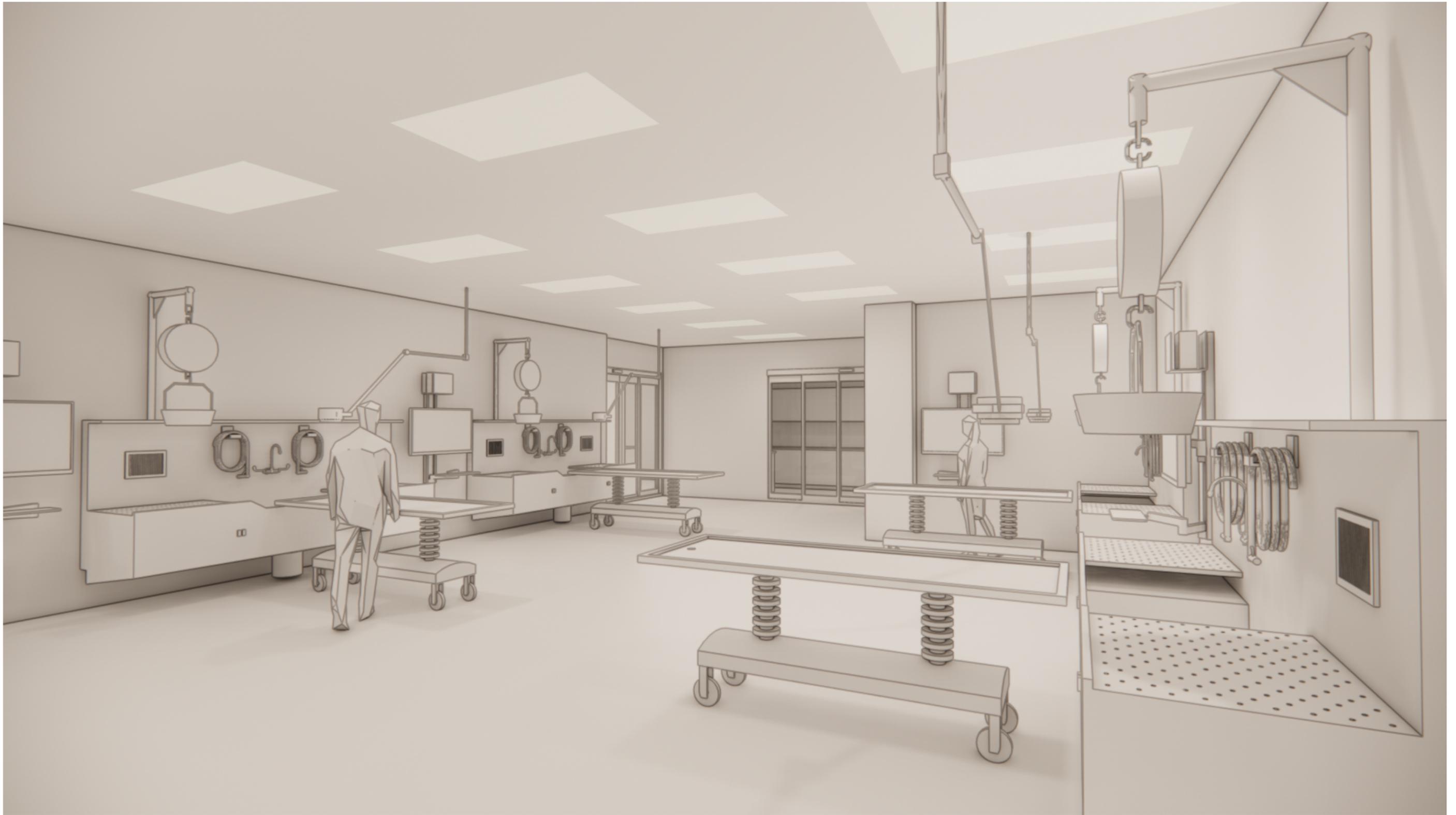




1 Elevation - Presentation - Freezer
1/4" = 1'-0"



2 Elevation - Presentation - Autopsy Suite
1/4" = 1'-0"



MAIN AUTOPSY SUITE



IN-COOLER

Individual carriers with trays - capacity 42
 Bariatric carrier with fixed tray - capacity 2
 Total capacity - 44

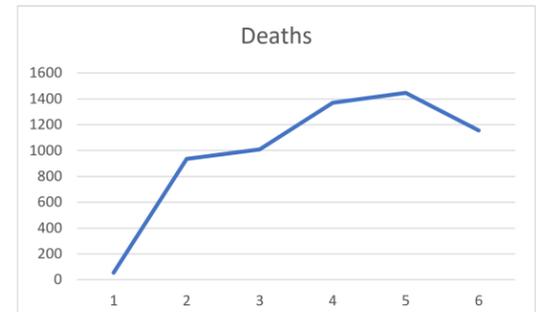
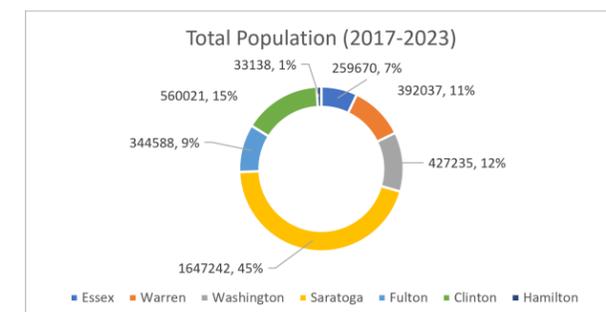
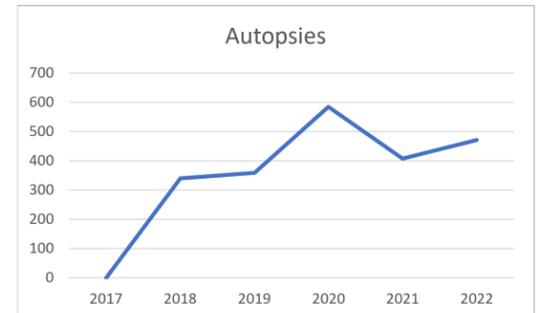
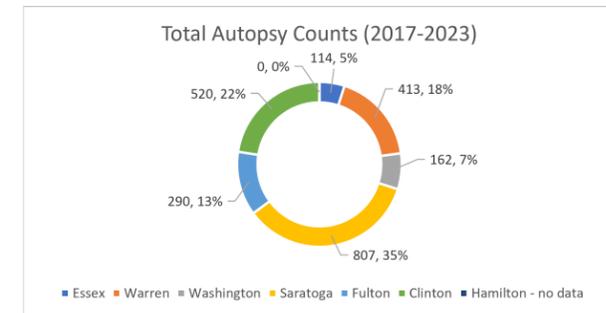
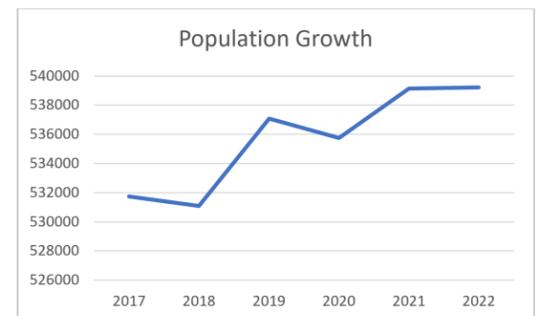
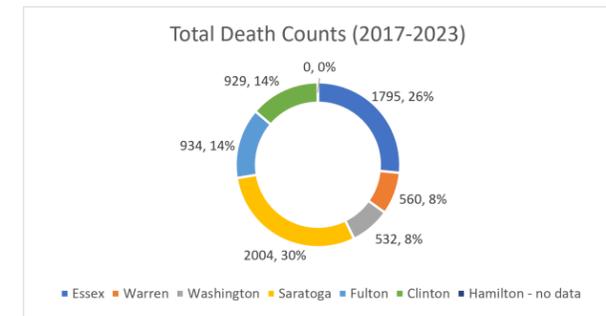
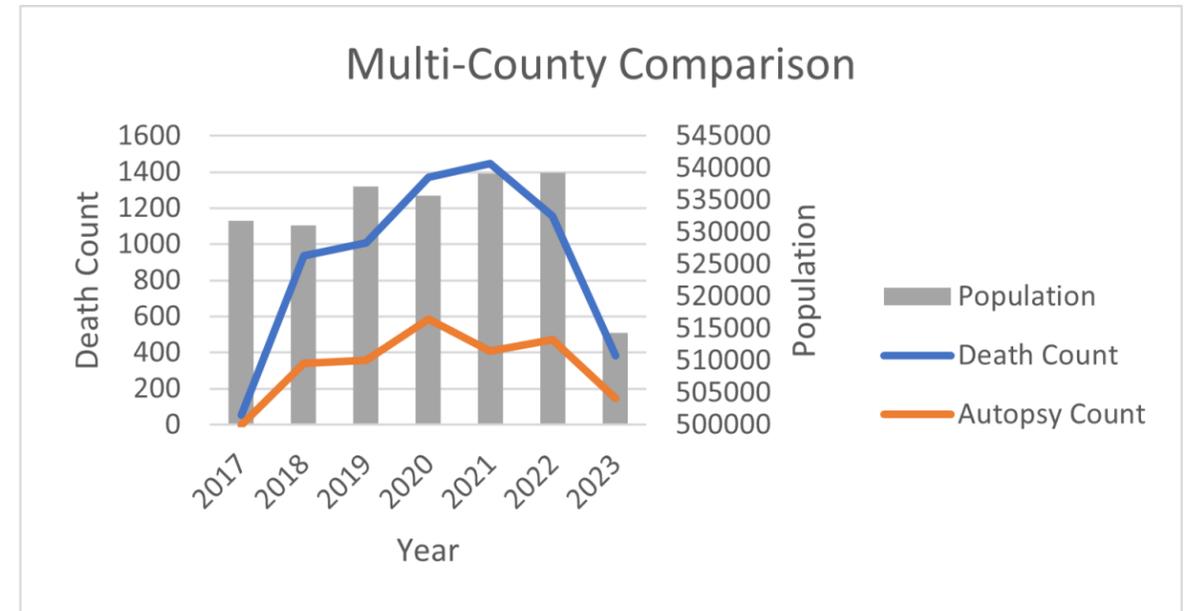
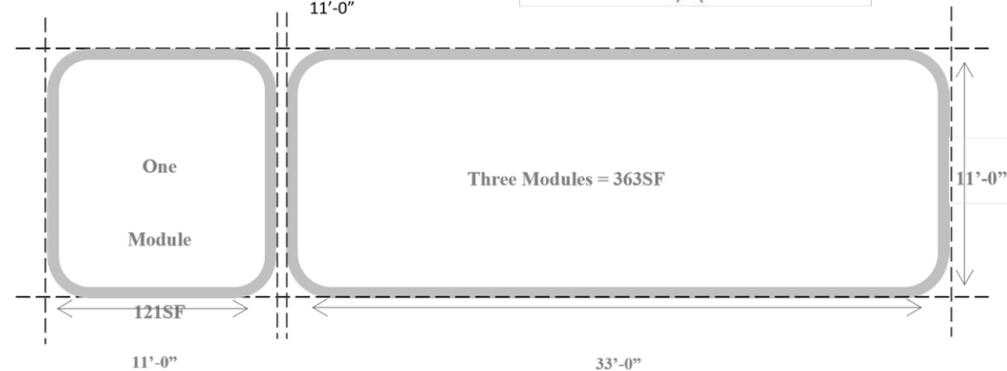
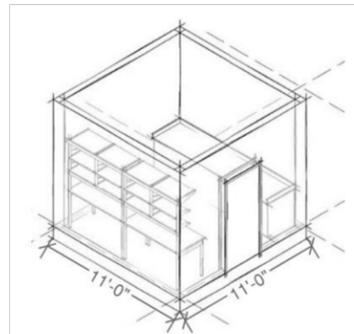
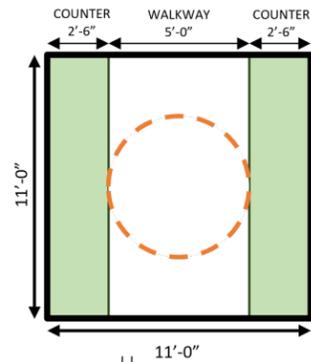
Front load, cantilevered storage racks:
 20 racks, 5 high
 2 bariatric
 102 body capacity

Mass casualty - west wall stays the same, remainder is filled with temporary storage:
 West wall:
 30' tray - 33' bay, 780/33 = 23 bays x 5 = 115 body capacity
 40 mass casualty racks - each 4 tiers high - 160 capacity
 40 mass casualty racks - each 5 tiers high - 200 capacity
 Capacity - 275 or 315, depending on mass casualty rack system



○ = 7' - 6" DIA.
**Flow Diagram
 Gurney Path**

ONE MODULE - 121 SF



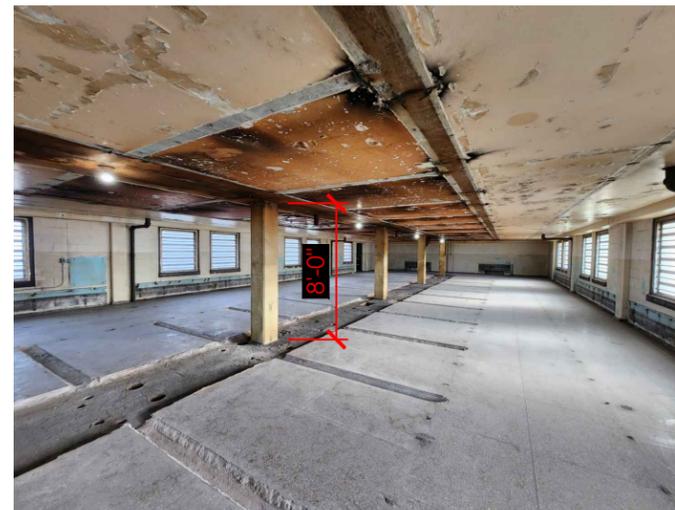
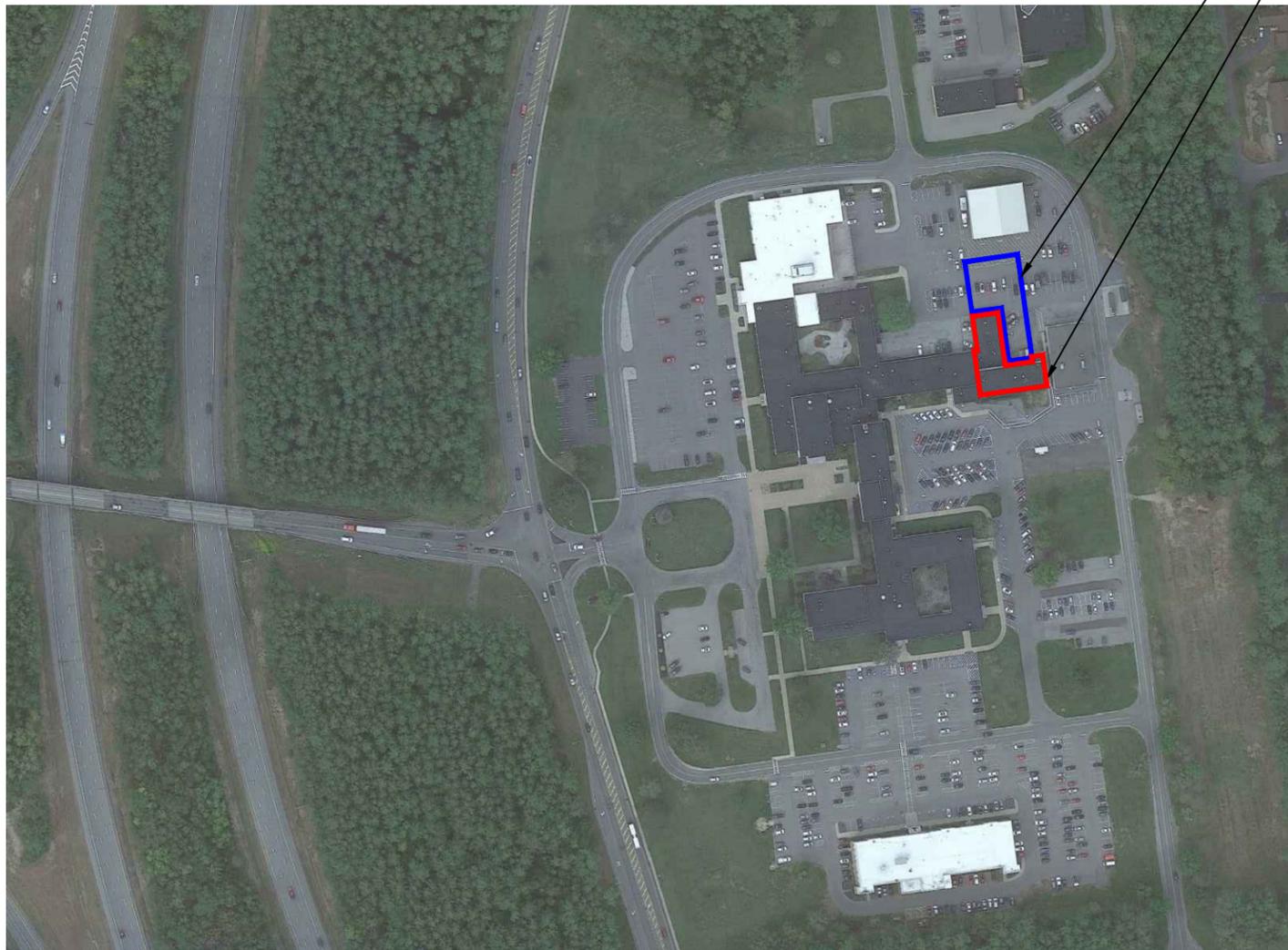
EXISTING JAIL FEASIBILITY ANALYSIS:

The Forensic Facility would not enhance synergy with other County Offices and Courts.

- **Square Footage** - Overall existing jail square footage does not meet the needs of the proposed program.
- **Site Constriction** - The Municipal Center does not have adequate space/site layout for an addition onto the existing building.
- **Site Circulation** - The existing Municipal Center would not allow for proper truck movements and mass casualty tractor trailers.
- **Interior Limitations** - With a dimension of 8'-0" finished floor to concrete deck, the existing space does not allow for proper clearance for equipment, decedent storage, HVAC, lighting, etc.
- **Building Limitations** - Multiple levels create issues with transporting of decedents/staff movements throughout facility.

APPROX. 12,000 SQFT ADDITION NEEDED TO ACCOMMODATE PROGRAM

EXISTING JAIL WITHIN THE MUNICIPAL CENTER

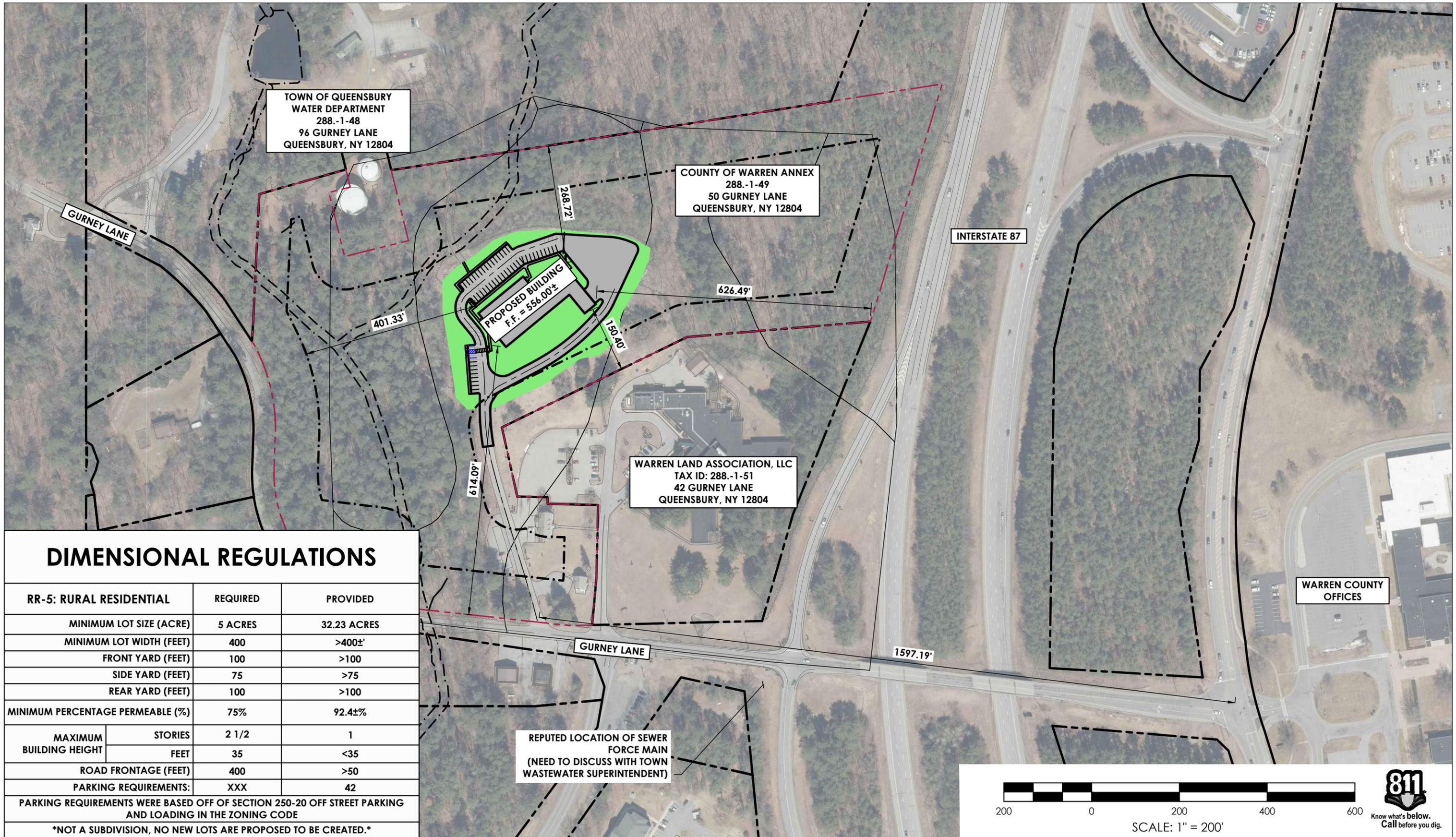


EXISTING JAIL LEVEL 2
GROSS - 4,860 SQFT
NET USABLE - 3,920 SQFT



EXISTING JAIL LEVEL 1
GROSS - 8,740 SQFT
NET USABLE - 7,760 SQFT





DIMENSIONAL REGULATIONS

| RR-5: RURAL RESIDENTIAL | | REQUIRED | PROVIDED |
|---|---------|----------|-------------|
| MINIMUM LOT SIZE (ACRE) | | 5 ACRES | 32.23 ACRES |
| MINIMUM LOT WIDTH (FEET) | | 400 | >400± |
| FRONT YARD (FEET) | | 100 | >100 |
| SIDE YARD (FEET) | | 75 | >75 |
| REAR YARD (FEET) | | 100 | >100 |
| MINIMUM PERCENTAGE PERMEABLE (%) | | 75% | 92.4±% |
| MAXIMUM BUILDING HEIGHT | STORIES | 2 1/2 | 1 |
| | FEET | 35 | <35 |
| ROAD FRONTAGE (FEET) | | 400 | >50 |
| PARKING REQUIREMENTS: | | XXX | 42 |
| PARKING REQUIREMENTS WERE BASED OFF OF SECTION 250-20 OFF STREET PARKING AND LOADING IN THE ZONING CODE | | | |
| *NOT A SUBDIVISION, NO NEW LOTS ARE PROPOSED TO BE CREATED.* | | | |

REPUTED LOCATION OF SEWER FORCE MAIN
(NEED TO DISCUSS WITH TOWN WASTEWATER SUPERINTENDENT)



SCALE: 1" = 200'



FORENSICS FEASIBILITY WARREN COUNTY DPW

Date
11/17/2023
Project Number
R23.0078.00

OVERALL CONCEPTUAL SITE PLAN

SCALE: 1" = 200'

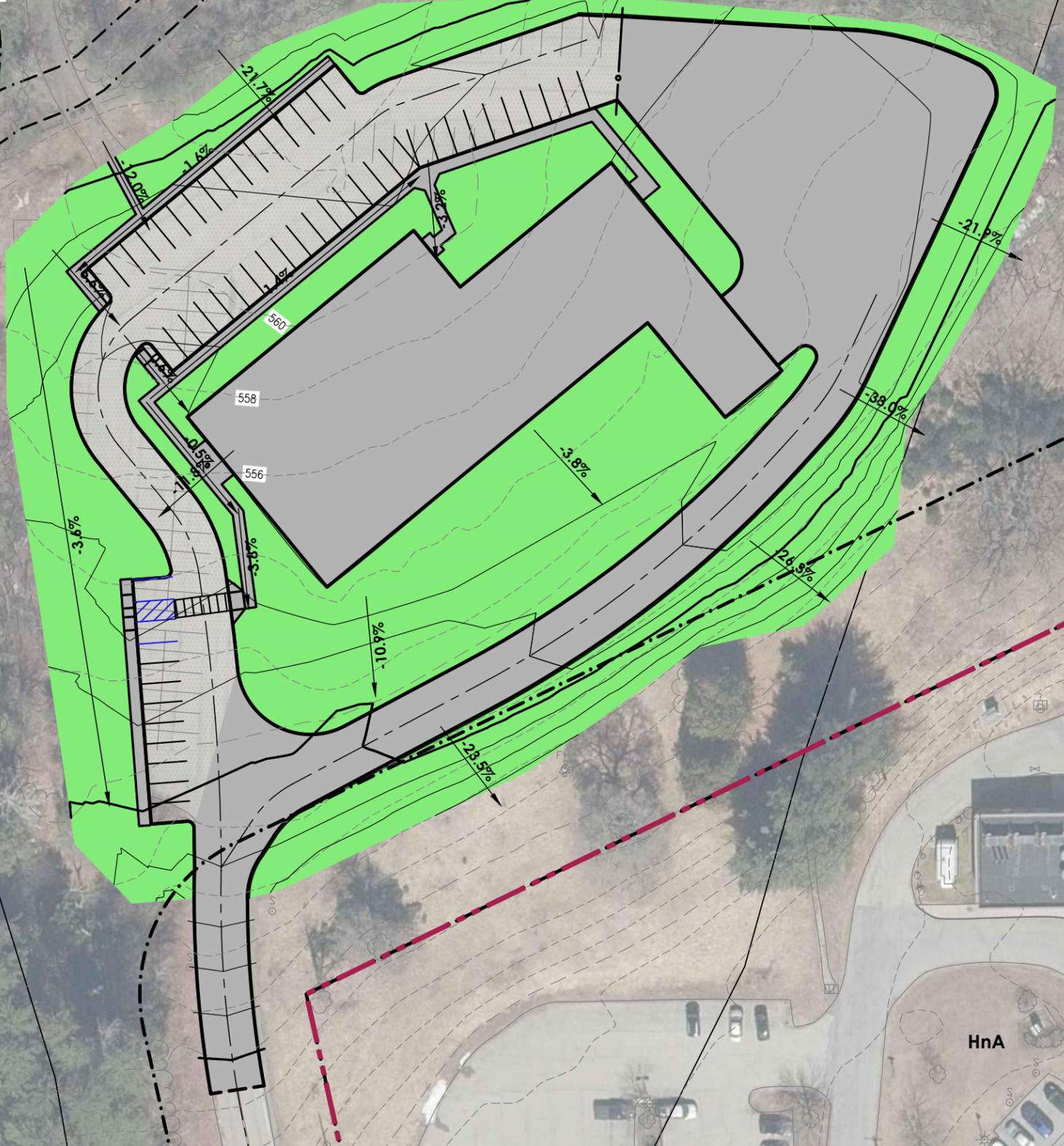
TOWN OF QUEENSBURY (2)
WATER TANKS
(OFF PAGE NOT SHOWN)

REPUTED FEDERAL
WETLANDS. DIGITIZED
FROM THE NATIONAL
WETLANDS INVENTORY

HnB

HnA

- A. CONCEPTUAL SITE PLAN NOTES:**
- A.A. TOPOGRAPHY DIGITIZED FROM WARREN COUNTY LIDAR CONTOURS PROVIDED ON NYS CLEARING HOUSE.
 - A.B. EXISTING BASE MAPPING PROVIDED (USED FOR IMAGERY ONLY) FROM NURSING HOME PROJECT, YEAR UNKNOWN.
- B. COMPONENTS NOT SHOWN:**
- B.A. WASTEWATER TREATMENT (ONSITE SEPTIC SYSTEM OR MUNICIPAL SEWER IF AVAILABLE)
 - B.B. WATER SERVICE (EXISTING HYDRANTS ON SITE, WILL NEED TO BE LOCATED)
 - B.C. STORMWATER TREATMENT AND DETENTION (IF NEEDED)
 - B.C.A. EXISTING SOILS ON SITE ARE WELL DRAINED SANDY LOAM PER USDA WEB SOIL SURVEY, FIELD INVESTIGATION REQUIRED TO VERIFY, WILL NEED THIS AS WELL IF ONSITE WASTEWATER DISPOSAL IS USED.
 - B.D. ELECTRIC POWER - WILL NEED TRANSFORMER PAD
 - B.E. ON SITE GAS
 - B.F. GENERATOR WILL BE NEEDED, TO LOCATE NEAR BUILDING ON SOUTH SIDE.
 - B.G. UTILITY MARKOUT / GROUND PENETRATING RADAR.
 - B.H. SOIL BORINGS FOR FOUNDATION, ASPHALT PAVEMENT SECTIONS, INFILTRATION TESTING



SCALE: 1" = 60'



Know what's below.
Call before you dig.



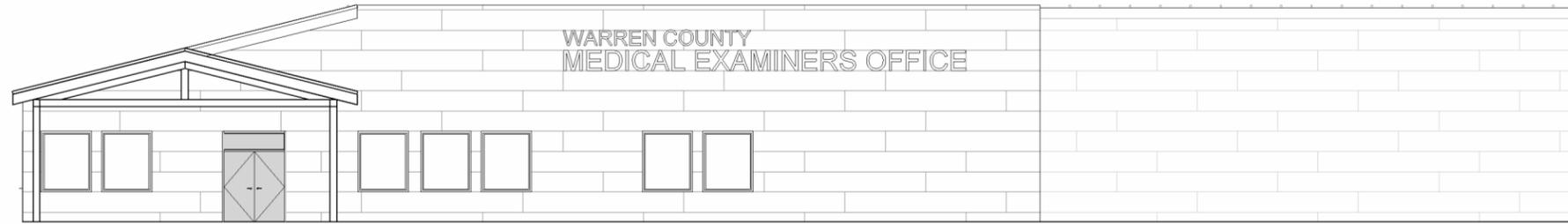
FORENSICS FEASIBILITY

WARREN COUNTY DPW

Date
11/17/2023
Project Number
R23.0078.00

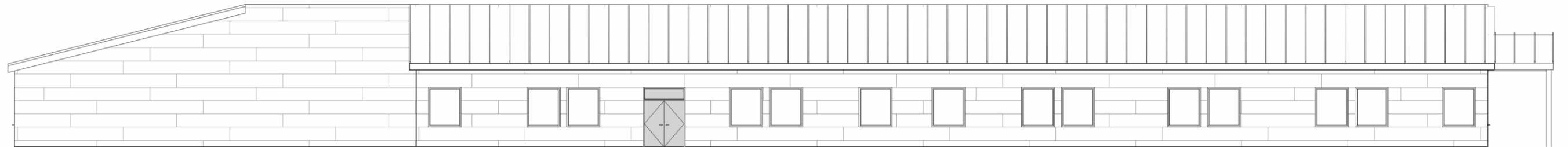
CONCEPTUAL SITE PLAN

SCALE: 1" = 60'



SOUTH ELEVATION

1/16" = 1'-0"



WEST ELEVATION

1/16" = 1'-0"

