

SECTION 00 9100

ADDENDUM NUMBER 003

1.01 DATE: October 22th, 2024

1.02 PROJECT: Essex County Agricultural & Youth Center

1.03 PROJECT NUMBER: 23050

1.04 OWNER: Essex County

1.05 ARCHITECT: Architectural & Engineering Design Associates, P.C.

TO: PROSPECTIVE BIDDERS

2.01 This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated September 18th, 2024, with amendments and additions noted below.

2.02 This Addendum consists of 2 page(s) for Addendum, 10 page(s) for Specifications and 5 drawing(s) attachments.

CHANGES TO THE PROJECT MANUAL

3.01 ADDED SECTIONS

- A. Non-Collusive Bidding Certification (2 Pages)
- B. Certification of Compliance with the Iran Divestment Act (1 Page)
- C. Bidder's Certification of Sexual Harassment Training (1 Page)

3.02 REVISED SECTIONS

- A. Section 28 4600 Fire Detection and Alarm (6 Pages)
- B. RD Instruction 1942-A, Guide 19, Attachment 1 – Note change to paragraph 3: "Bids will be received until 1:00 pm on October 31st, 2024."

CHANGES TO THE DRAWINGS

4.01 REVISED DRAWINGS

- A. Revise – Drawing A101: The roll-in shower in room 110 has been changed to a 36" x 36" ADA transfer shower to allow for access to controls/valves.
- B. Revise – Drawing A602: Door number 226 has been added to represent the shower access panel.
- C. Revise – Drawing P001: Plumbing fixture P06 has changed to represent the 36" x 36" ADA transfer shower.
- D. Revise – Drawing P101: The drain and vent locations have been adjusted to align with the shower change.
- E. Revise – Drawing: P102: The vent riser location was moved in relationship to the shower adjustment.

PROJECT CLARIFICATIONS

5.01 COMMENTS: QUESTIONS & ANSWERS

A. CLARIFICATION

Question – Clarification if a bid modification via Fax/Email will be accepted on bid day? The language in 4.3 and 4.4 of the A701-2018 does not clarify bid modification mean of delivery.

Answer – In accordance with section 4.3 all necessary documents are to be enclosed in a sealed opaque envelope. No electronic submissions are allowed. Please see section 4.4 modifications or

Essex County Agricultural & Youth Center

withdrawal of bid and 4.4.2 for resubmission of bid.

B. CLARIFICATION

Question – Can you please clarify the electrical bid form? Page 2 shows a Bid Schedule, but I cannot find a Unit Pricing Spec in the contract documents or anything further to show that this is not just a lump sum.

Answer – The project does not contain any Unit Pricing as indicated on Page 2. The unit pricing can be deleted on all four bid forms.

C. CLARIFICATION

Question – Bid form states to include sales tax, however, in other sections of the contract documents it states the owner is tax-exempt. Please clarify.

Answer – In accordance with section 00 3100 bullet C, sales tax is not required to be included in the bids for this project. Please disregard the following note on all four bid forms: "BIDS shall include sales tax and all other applicable taxes and fees."

D. CLARIFICATION

Question – Is this project Davis Bacon or just NYS Prevailing Wage?

Answer – This project has both Davis Bacon and NYS Prevailing Wage. Please reference bullet H in Section 00 3100.

E. CLARIFICATION

Question – Is the EC responsible for providing and maintaining telecommunication services, or just connecting them? Will there be a CM field office on-site to connect these lines to install telecommunication services to? Please provide the location of where these will be installed.

Answer – There is no requirement for temporary data/phone/telecommunications for this project as there will not be a job trailer.

F. CLARIFICATION

Question – Part of this project is cutting off the existing sanitary line from the adjacent building. Is this building empty? If not, will we be required to temporarily feed the sanitary line to a proper disposal location?

Answer – Please see addendum 002, Clarification I.

G. CLARIFICATION

Question – Drawing C103 calls out for DMH1 in the schedule. We cannot locate this on the drawings. Is it required? If so, what is the location?

Answer – Please disregard DMH1 in the schedule as it no longer exists within the project.

H. CLARIFICATION

Please note that there are no liquidated damages in this project.

END OF ADDENDUM NUMBER 003

NON-COLLUSIVE BIDDING CERTIFICATION

1. By submission of this bid, the undersigned bidder and each person signing on behalf of such bidder certifies and in the case of a joint bid each party thereto certifies as to its own organization — UNDER PENALTY OF PERJURY, that to the best of the undersigned’s knowledge and belief:

(a) The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor;

(b) Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and

(c) No attempt has been made or will be made by the bidder to induce any other person, partnership or corporation to submit or not to submit a bid for the purpose of restricting competition.

2. The undersigned acknowledges and agrees that a bid shall not be considered for award nor shall any award be made where any of the above have not been complied with; provided however, that if in any case the bidder cannot make the foregoing certification, the bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons therefor. Where one or more of the above has/have not been complied with, the bid shall not be considered for award nor shall any award be made unless the political subdivision, public department, agency or official thereof to which the bid is made, or his designee, determines that such disclosure was not made for the purpose of restricting competition.

3. The undersigned also acknowledges and agrees that the fact that a bidder (a) has published price lists, rates, or tariffs covering items being procured, (b) has informed prospective customers of proposed or pending publication of new or revised price lists for such items, or (c) has sold the same items to other customers at the same prices being bid, does not constitute, without more, a disclosure within the meaning of paragraph 1 above.

4. The undersigned further acknowledges and agrees that any bid hereafter made to any political subdivision of the state or any public department, agency or official thereof by a bidder which is a corporation or a limited liability company for work or services performed or to be performed or goods sold or to be sold, where competitive bidding is required by statute, rule, regulation, or local law, and where such bid contains the certification referred to in paragraph 1 of this certificate, shall be deemed to have been authorized by the board of directors of the bidder, and such authorization shall be deemed to include the signing and submission of the bid and the inclusion therein of the certificate as to non-collusion as the act and deed of the corporation or limited liability company.

Name of Bidder: _____
(print full legal name)

Date Signed: _____

Signature: _____

Name of Person Signing Certificate: _____
(print full legal name of signer)

Bidder is (check one): an individual, a limited liability partnership, a limited liability company,
 other entity (specify): _____

CONTRACTOR'S ACKNOWLEDGEMENT

(If Corporation)

STATE OF NEW YORK) SS:
COUNTY OF ESSEX)

On this _____ day of _____ 20____, before me personally came _____
_____ to me known, and known to me to be the
_____ of the Corporation described in and which executed the within instrument,
who being duly sworn did depose and say that he, the said _____ reside at
_____ and that he is _____ of said
corporation and knows the corporate seal of the said corporation; that the seal affixed to the within
instrument is such corporate seal and that it was so affixed by order of the Board of Directors of said
corporation, and that he signed his name thereto by like order.

Notary Public

CONTRACTOR'S ACKNOWLEDGEMENT

(If Individual)

STATE OF NEW YORK) SS:
COUNTY OF ESSEX)

On this _____ day of _____ 20____, before me personally came
_____ to me known, and known to me to be
the same person described in and who executed the within instrument and he duly acknowledged to
me that he executed the same for the purpose herein mentioned and, if operating under and trade
name, that the certificate required by the New York State Penal Law, Sections 440 and 440-b has been
filed with the County Clerk of Essex County.

Notary Public

CONTRACTOR'S ACKNOWLEDGEMENT

(If Co-Partnership)

STATE OF NEW YORK) SS:
COUNTY OF ESSEX)

On this _____ day of _____ 20____, before me personally came
_____ to me known, and known to me to be a member of the
firm of and the person described in, and who executed the within instrument in behalf of said firm for
the purposes herein mentioned and that the certificate required by the New York State Penal Law,
Sections 440 and 440-b has been filed with the County Clerk of Essex County.

Notary Public

CERTIFICATION OF COMPLIANCE WITH THE IRAN DIVESTMENT ACT

As a result of the Iran Divestment Act of 2012 (the "Act"), Chapter 1 of the 2012 Laws of New York, a new provision has been added to State Finance Law (SFL) § 165-a and New York General Municipal Law § 103-g, both effective April 12, 2012. Under the Act, the Commissioner of the Office of General Services (OGS) will be developing a list of "persons" who are engaged in "investment activities in Iran" (both are defined terms in the law) (the "Prohibited Entities List"). Pursuant to SFL § 165-a(3)(b), the initial list is expected to be issued no later than 120 days after the Act's effective date at which time it will be posted on the OGS website.

By submitting a bid in response to this solicitation or by assuming the responsibility of a Contract awarded hereunder, each Bidder/Contractor, any person signing on behalf of any Bidder/Contractor and any assignee or subcontractor and, in the case of a joint bid, each party thereto, certifies, under penalty of perjury, that once the Prohibited Entities List is posted on the OGS website, that to the best of its knowledge and belief, that each Bidder/Contractor and any subcontractor or assignee is not identified on the Prohibited Entities List created pursuant to SFL § 165-a(3)(b).

Additionally, Bidder/Contractor is advised that once the Prohibited Entities List is posted on the OGS Website, any Bidder/Contractor seeking to renew or extend a Contract or assume the responsibility of a Contract awarded in response to this solicitation must certify at the time the Contract is renewed, extended or assigned that it is not included on the Prohibited Entities List.

During the term of the Contract, should the County receive information that a Bidder/Contractor is in violation of the above-referenced certification, the County will offer the person or entity an opportunity to respond. If the person or entity fails to demonstrate that he/she/it has ceased engagement in the investment which is in violation of the Act within 90 days after the determination of such violation, then the County shall take such action as may be appropriate including, but not limited to, imposing sanctions, seeking compliance, recovering damages or declaring the Bidder/Contractor in default.

The County reserves the right to reject any bid or request for assignment for a Bidder/Contractor that appears on the Prohibited Entities List prior to the award of a contract and to pursue a responsibility review with respect to any Bidder/Contractor that is awarded a contract and subsequently appears on the Prohibited Entities List.

I, _____, being duly sworn, deposes and says that he/she is the _____ of the _____ Corporation and that neither the Bidder/Contractor nor any proposed subcontractor is identified on the Prohibited Entities List.

SIGNED

SWORN to before me this _____
day of _____, 20__

Notary Public

BIDDER'S CERTIFICATION

Name of Bid: _____

In submitting this Bid, BIDDER represents, as more fully set forth in this Bid, that:

- a) BIDDER acknowledges that they have read, understand, and agree to all aspects of the terms and specifications as presented without reservation or alteration.
- b) When awarded, the bid package becomes the "Contract Document".
- c) That the organization, its principals, and sub-recipients are not currently suspended or debarred from doing business with the Federal Government.
- d) The BIDDER has implemented a written policy addressing sexual harassment prevention in the workplace and provides annual sexual harassment prevention training to all of its employees in accordance with New York State Labor Law §201-g.

Date: _____

Vendor: _____

Authorized Signature: _____

Print Name: _____

Subscribed to and sworn to before me

this _____ day of _____, 20__

Notary Public

**SECTION 28 4600
FIRE DETECTION AND ALARM**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fire alarm system design and installation, including all components, wiring, and conduit.

1.02 RELATED REQUIREMENTS

- A. Section 07 8400 - Firestopping: Materials and methods for work to be performed by this installer.
- B. Section 14 2100 - Electric Traction Elevators: Elevator systems monitored and controlled by fire alarm system.

1.03 REFERENCE STANDARDS

- A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; current edition.
- B. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- C. IEEE C62.41.2 - IEEE Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and less) AC Power Circuits; 2002 (Corrigendum 2012).
- D. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- E. NFPA 72 - National Fire Alarm and Signaling Code; Most Recent Edition Cited by Referring Code or Reference Standard.

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Evidence of designer qualifications.
- C. Design Documents: Submit all information required for plan review and permitting by authorities having jurisdiction, including but not limited to floor plans, riser diagrams, and description of operation:
 - 1. Copy (if any) of list of data required by authority having jurisdiction.
 - 2. NFPA 72 "Record of Completion", filled out to the extent known at the time.
 - 3. Clear and concise description of operation, with input/output matrix similar to that shown in NFPA 72 Appendix A-7-5-2.2(9), and complete listing of software required.
 - 4. System zone boundaries and interfaces to fire safety systems.
 - 5. Location of all components, circuits, and raceways; mark components with identifiers used in control unit programming.
 - 6. Circuit layouts; number, size, and type of raceways and conductors; conduit fill calculations; spare capacity calculations; notification appliance circuit voltage drop calculations.
 - 7. List of all devices on each signaling line circuit, with spare capacity indicated.
 - 8. Manufacturer's detailed data sheet for each component, including wiring diagrams, installation instructions, and circuit length limitations.
 - 9. Description of power supplies; if secondary power is by battery include calculations demonstrating adequate battery power.
 - 10. Certification by either the manufacturer of the control unit or by the manufacturer of each other component that the components are compatible with the control unit.
 - 11. Certification by the manufacturer of the control unit that the system design complies with Contract Documents.

12. Certification by Contractor that the system design complies with Contract Documents.
- D. Evidence of installer qualifications.
- E. Evidence of instructor qualifications; training lesson plan outline.
- F. Evidence of maintenance contractor qualifications, if different from installer.
- G. Inspection and Test Reports:
 1. Submit inspection and test plan prior to closeout demonstration.
 2. Submit documentation of satisfactory inspections and tests.
 3. Submit NFPA 72 "Inspection and Test Form," filled out.
- H. Operating and Maintenance Data: See Section 01 7800 for additional requirements; revise and resubmit until acceptable; have one set available during closeout demonstration:
 1. Complete set of specified design documents, as approved by authority having jurisdiction.
 2. Additional printed set of project record documents and closeout documents, bound or filed in same manuals.
 3. Contact information for firm that will be providing contract maintenance and trouble call-back service.
 4. List of recommended spare parts, tools, and instruments for testing.
 5. Replacement parts list with current prices, and source of supply.
 6. Detailed troubleshooting guide and large scale input/output matrix.
 7. Preventive maintenance, inspection, and testing schedule complying with NFPA 72; provide printed copy and computer format acceptable to Owner.
 8. Detailed but easy to read explanation of procedures to be taken by non-technical administrative personnel in the event of system trouble, when routine testing is being conducted, for fire drills, and when entering into contracts for remodeling.
- I. Project Record Documents: See Section 01 7800 for additional requirements; have one set available during closeout demonstration:
 1. Complete set of floor plans showing actual installed locations of components, conduit, and zones.
 2. "As installed" wiring and schematic diagrams, with final terminal identifications.
 3. "As programmed" operating sequences, including control events by device, updated input/output chart, and voice messages by event.
- J. Closeout Documents:
 1. Certification by manufacturer that the system has been installed in compliance with manufacturer's installation requirements, is complete, and is in satisfactory operating condition.
 2. NFPA 72 "Record of Completion", filled out completely and signed by installer and authorized representative of authority having jurisdiction.
- K. Maintenance Materials, Tools, and Software: Furnish the following for Owner's use in maintenance of project.
 1. See Section 01 6000 - Product Requirements, for additional provisions.
 2. Furnish spare parts of same manufacturer and model as those installed; deliver in original packaging, labeled in same manner as in operating and maintenance data and place in spare parts cabinet.

1.05 QUALITY ASSURANCE

- A. Designer Qualifications: NICET Level III or IV (3 or 4) certified fire alarm technician or registered fire protection engineer, employed by fire alarm control panel manufacturer, Contractor, or installer, with experience designing fire alarm systems in the jurisdictional area of the authorities having jurisdiction.
- B. Installer Qualifications: Firm with minimum 3 years documented experience installing fire alarm systems of the specified type and providing contract maintenance service as

a regular part of their business.

1. Authorized representative of control unit manufacturer; submit manufacturer's certification that installer is authorized; include name and title of manufacturer's representative making certification.
 2. Installer Personnel: At least 2 years of experience installing fire alarm systems.
 3. Supervisor: NICET level III or IV (3 or 4) certified fire alarm technician; furnish name and address.
- C. Maintenance Contractor Qualifications: Same entity as installer or different entity with specified qualifications.
- D. Instructor Qualifications: Experienced in technical instruction, understanding fire alarm theory, and able to provide the required training; trained by fire alarm control unit manufacturer.
- E. Product Listing Organization Qualifications: An organization recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL) and acceptable to authorities having jurisdiction.

1.06 WARRANTY

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.
- B. Provide control panel manufacturer's warranty that system components other than wire and conduit are free from defects and will remain so for 1 year after date of Substantial Completion.
- C. Provide installer's warranty that the installation is free from defects and will remain so for 1 year after date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Fire Alarm Control Units and Accessories - Basis of Design: Potter Electric Signal Company, as indicated under product descriptions below; www.pottersignal.com/#sle.
- B. Fire Alarm Control Units and Accessories - Other Acceptable Manufacturers:
1. Honeywell Security & Fire Solutions/Gamewell-FCI: www.gamewell-fci.com/#sle.
 2. Honeywell Security & Fire Solutions/Fire-Lite: www.firelite.com/#sle.
 3. Honeywell Security & Fire Solutions/Notifier: www.notifier.com/#sle.
 4. Honeywell Security & Fire Solutions/Silent Knight: www.silentknight.com/#sle.
 5. Honeywell Security & Fire Solutions/Vista: www.security.honeywell.com/#sle.
 6. National Time & Signal: www.natsco.net/#sle.
 7. Potter Electric Signal Company: www.pottersignal.com/#sle.
 8. Siemens Building Technologies, Inc: www.usa.siemens.com/#sle.
 9. Simplex, a brand of Johnson Controls: www.simplex-fire.com/#sle.
 10. Provide control units made by the same manufacturer.
- C. Initiating Devices and Notification Appliances:
1. Honeywell Security & Fire Solutions/Gamewell-FCI: www.gamewell-fci.com/#sle.
 2. Honeywell Security & Fire Solutions/Fire-Lite: www.firelite.com/#sle.
 3. Honeywell Security & Fire Solutions/Notifier: www.notifier.com/#sle.
 4. Honeywell Security & Fire Solutions/Silent Knight: www.silentknight.com/#sle.
 5. Honeywell Security & Fire Solutions/Vista: www.security.honeywell.com/#sle.
 6. National Time & Signal: www.natsco.net/#sle.
 7. Siemens Building Technologies, Inc: www.sbt.siemens.com/#sle.
 8. Simplex, a brand of Johnson Controls: www.simplex-fire.com/#sle.
 9. Same manufacturer as control units.
 10. Provide initiating devices and notification appliances made by the same manufacturer, where possible.
- D. Substitutions: See Section 01 6000 - Product Requirements.

1. For other acceptable manufacturers of control units specified, submit product data showing equivalent features and compliance with Contract Documents.
2. For substitution of products by manufacturers not listed, submit product data showing features and certification by Contractor that the design will comply with Contract Documents.

2.02 FIRE ALARM SYSTEM

- A. Fire Alarm System: Provide a new automatic fire detection and alarm system:
 1. Provide all components necessary, regardless of whether shown in Contract Documents or not.
 2. Protected Premises: Elevator Hoistway & Lobby Smoke Detectors..
 3. Comply with the following; where requirements conflict, order of precedence of requirements is as listed:
 - a. ADA Standards.
 - b. The requirements of the local authority having jurisdiction , which is Essex County, New York.
 - c. Applicable local codes.
 - d. Contract Documents (drawings and specifications).
 - e. NFPA 72; where the word "should" is used consider that provision mandatory; where conflicts between requirements require deviation from NFPA 72, identify deviations clearly on design documents.
 4. General Evacuation Zones: Each smoke zone is considered a general evacuation zone unless otherwise indicated, with alarm notification in all zones on the same floor, on the floor above, and the floor below.
 5. Program notification zones messages as directed by Owner.
 6. Fire Command Center: Coordinate location with Architect/Owner
 7. Fire Alarm Control Unit: New, located at fire command center.
- B. Circuits:
 1. Initiating Device Circuits (IDC): Class B, Style A.
 2. Signaling Line Circuits (SLC) Within Single Building: Class B, Style 0.5.
- C. Power Sources:
 1. Primary: Dedicated branch circuits of the facility power distribution system.
 2. Secondary: Storage batteries.
 3. Capacity: Sufficient to operate entire system for period specified by NFPA 72.

2.03 FIRE SAFETY SYSTEMS INTERFACES

- A. Supervision: Provide supervisory signals in accordance with NFPA 72 for the following:
 1. Elevator shut-down control circuits.
- B. Alarm: Provide alarm initiation in accordance with NFPA 72 for the following:
 1. Elevator lobby, elevator hoistway, and elevator machine room smoke detectors.
- C. Elevators:
 1. Elevator lobby, hoistway, and machine room smoke detectors: Elevator recall for fire fighters' service.

2.04 COMPONENTS

- A. General:
 1. Provide flush mounted units where installed in finish areas; in unfinished areas, surface mounted unit are acceptable.
 2. Provide legible, permanent labels for each control device, using identification used in operation and maintenance data.
- B. Fire Alarm Control Units: Analog, addressable type; listed, classified, and labeled as suitable for the purpose intended to initiate elevator Phase 1 Emergency Recall Operation shall be connected to either a nonrequired building fire alarm system or a dedicated function fire alarm control unit that shall be designated as " elevator recal control and supervisory control unit," permanently identified on the dedicated function

- fire alarm control unit and on the record drawings.
- C. Circuit Conductors: Copper or optical fiber; provide 200 feet extra; color code and label.
 - D. Surge Protection: In accordance with IEEE C62.41.2 category B combination waveform and NFPA 70; except for optical fiber conductors.
 - 1. Equipment Connected to Alternating Current Circuits: Maximum let through voltage of 350 V(ac), line-to-neutral, and 350 V(ac), line-to-line; do not use fuses.
 - 2. Initiating Device Circuits, Notification Appliance Circuits, and Communications Circuits: Provide surge protection at each point where circuit exits or enters a building; rated to protect applicable equipment; for 24 V(dc) maximum dc clamping voltage of 36 V(dc), line-to-ground, and 72 V(dc), line-to-line.
 - 3. Signaling Line Circuits: Provide surge protection at each point where circuit exits or enters a building, rated to protect applicable equipment.
 - E. Locks and Keys: Deliver keys to Owner.
 - 1. Provide the same standard lock and key for each key operated switch and lockable panel and cabinet; provide 2 keys of each type
 - F. Instruction Charts: Printed instruction chart for operators, showing steps to be taken when a signal is received (normal, alarm, supervisory, and trouble); easily readable from normal operator's station.
 - 1. Frame: Stainless steel or aluminum with polycarbonate or glass cover.
 - 2. Provide one for each control unit where operations are to be performed.
 - 3. Obtain approval of Owner prior to mounting; mount in location acceptable to Owner.
 - 4. Provide extra copy with operation and maintenance data submittal.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install in accordance with applicable codes, NFPA 72, NFPA 70, and Contract Documents.
- B. Conceal all wiring, conduit, boxes, and supports where installed in finished areas.
- C. Obtain Owner's approval of locations of devices, before installation.
- D. Install instruction cards and labels.

3.02 INSPECTION AND TESTING FOR COMPLETION

- A. Notify Owner 7 days prior to beginning completion inspections and tests.
- B. Notify authorities having jurisdiction and comply with their requirements for scheduling inspections and tests and for observation by their personnel.
- C. Provide the services of the installer's supervisor or person with equivalent qualifications to supervise inspection and testing, correction, and adjustments.
- D. Prepare for testing by ensuring that all work is complete and correct; perform preliminary tests as required.
- E. Provide all tools, software, and supplies required to accomplish inspection and testing.
- F. Perform inspection and testing in accordance with NFPA 72 and requirements of local authorities; document each inspection and test.
- G. Correct defective work, adjust for proper operation, and retest until entire system complies with Contract Documents.

3.03 OWNER PERSONNEL INSTRUCTION

- A. Provide the following instruction to designated Owner personnel:
 - 1. Hands-On Instruction: On-site, using operational system.
 - 2. Classroom Instruction: Owner furnished classroom, on-site or at other local facility.

- B. Administrative: One-hour session(s) covering issues necessary for non-technical administrative staff; classroom:
 - 1. Initial Training: 1 session pre-closeout.
- C. Basic Operation: One-hour sessions for attendant personnel, security officers, and engineering staff; combination of classroom and hands-on:
 - 1. Initial Training: 1 session pre-closeout.
- D. Furnish the services of instructors and teaching aids; have copies of operation and maintenance data available during instruction.

3.04 CLOSEOUT

- A. Closeout Demonstration: Demonstrate proper operation of all functions to Owner.
 - 1. Be prepared to conduct any of the required tests.
 - 2. Have at least one copy of operation and maintenance data, preliminary copy of project record drawings, input/output matrix, and operator instruction chart(s) available during demonstration.
 - 3. Have authorized technical representative of control unit manufacturer present during demonstration.
 - 4. Demonstration may be combined with inspection and testing required by authority having jurisdiction; notify authority having jurisdiction in time to schedule demonstration.
 - 5. Repeat demonstration until successful.

3.05 MAINTENANCE

- A. See Section 01 7000 - Execution and Closeout Requirements, for additional requirements relating to maintenance service.
- B. Perform routine inspection, testing, and preventive maintenance required by NFPA 72, including:
 - 1. Maintenance of fire safety interface and supervisory devices connected to fire alarm system.
 - 2. Repairs required, unless due to improper use, accidents, or negligence beyond the control of the maintenance contractor.
 - 3. Record keeping required by NFPA 72 and authorities having jurisdiction.
- C. Provide trouble call-back service upon notification by Owner:
 - 1. Provide on-site response within 2 hours of notification.
 - 2. Include allowance for call-back service during normal working hours at no extra cost to Owner.
 - 3. Owner will pay for call-back service outside of normal working hours on an hourly basis, based on actual time spent at site and not including travel time; include hourly rate and definition of normal working hours in maintenance contract.
- D. Provide a complete description of preventive maintenance, systematic examination, adjustment, cleaning, inspection, and testing, with a detailed schedule.
- E. Maintain a log at each fire alarm control unit, listing the date and time of each inspection and call-back visit, the condition of the system, nature of the trouble, correction performed, and parts replaced. Submit duplicate of each log entry to Owner's representative upon completion of site visit.
- F. Comply with Owner's requirements for access to facility and security.

END OF SECTION

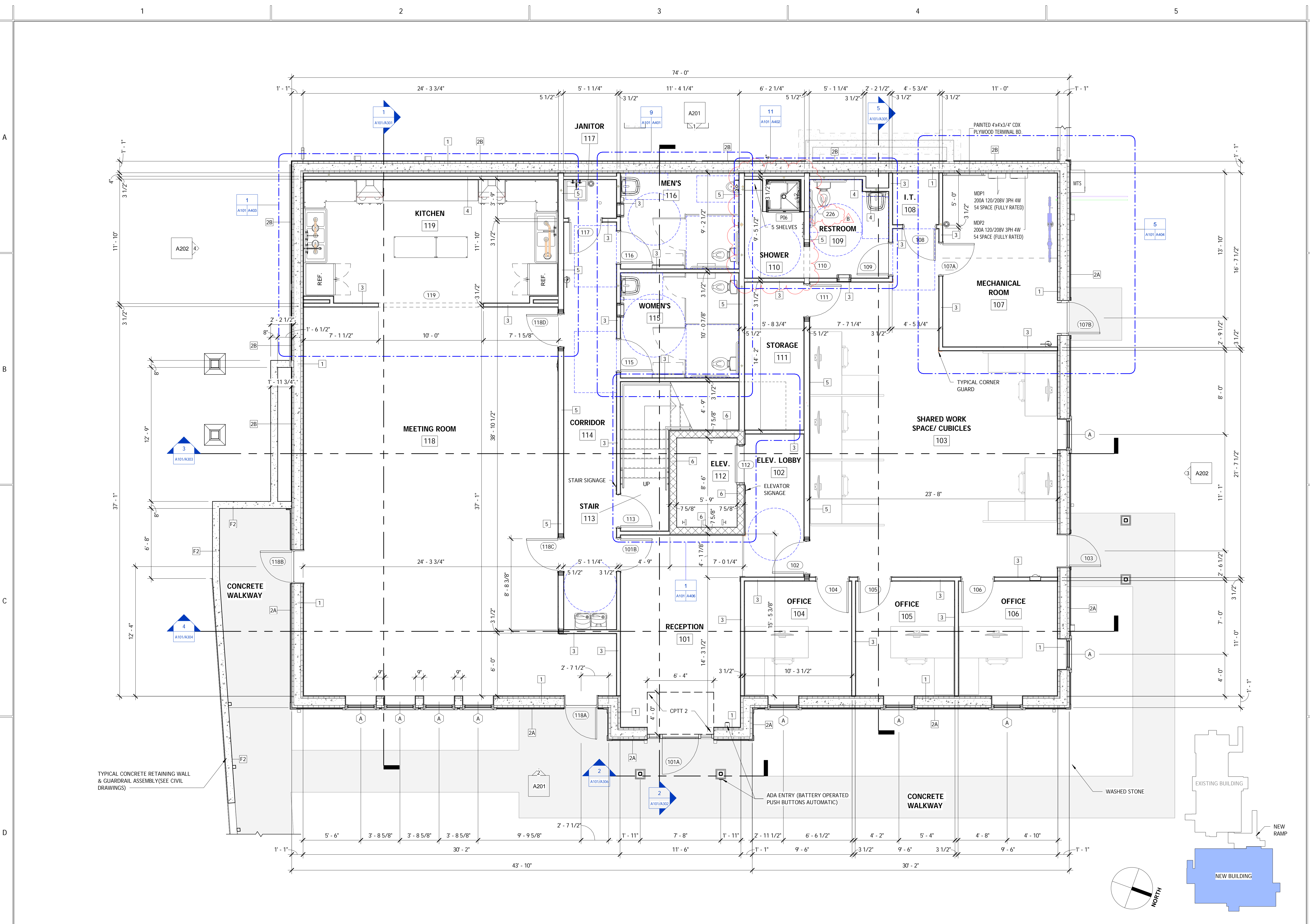
REVISIONS		
#	BY	DATE
B	AMW	10-21-24

FIRST FLOOR PLAN

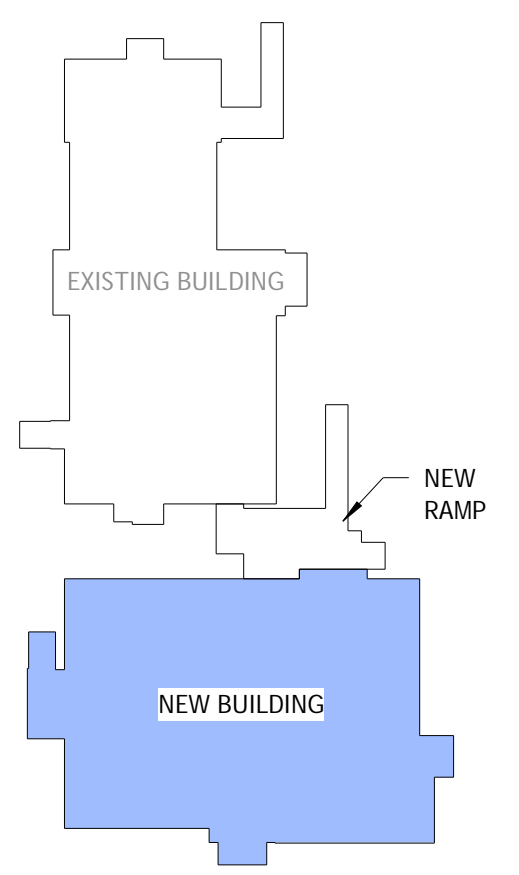
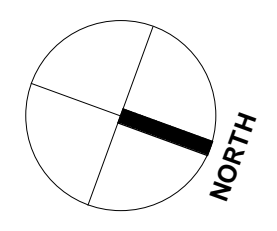
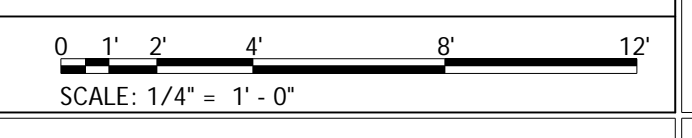
PROJECT NO. 23050
DATE 08-02-24
DRAWN BY LKT
CHECKED BY SEC

A101

10/18/2024 3:29:04 PM



1 FIRST FLOOR PLAN
A101 1/4" = 1'-0"



DOOR NOTES

- DOOR PACKAGE TO BE APPROVED THROUGH SUBMITTAL PROCESS. ADJACENT SCHEDULE REPRESENTS DESIGN STANDARD. CONTRACTOR TO PROVIDE SAME AS LISTED OR EQUAL.
- HOLLOW METAL DOOR FRAMES TO BE SURFACE WELDED UNITS. CECD 16 GAUGE AS DESIGN STANDARD.
- ALL EXTERIOR DOOR FRAMES TO BE THERMALY BROKEN.
- ALL EXTERIOR HOLLOW METAL DOORS TO BE GALVANIZED INSULATED STEEL DOORS.
- ALL DOOR LEVER STYLES TO BE: CORBIN RUSSWIN - AZD
- ALL INTERIOR SOLID CORE DOORS TO BE PRE-FINISHED FLUSH BIRCH. (COLOR SELECTED BY OWNER/ARCHITECT).

DOOR GLAZING NOTES

- ALL EXTERIOR GLAZING TO BE 1" INSULATED LOW 'E' TEMPERED U-VALUE = 0.30.
- ALL INTERIOR GLAZING TO BE 1/4" TEMPERED FOR VISION LITES.

DOOR HARDWARE NOTES

- DOOR HARDWARE PACKAGE TO BE APPROVED THROUGH SUBMITTAL PROCESS.
- ALL LOCKSETS TO BE INSTALLED WITH CONSTRUCTION CORES, LOCKSETS FURNISHED SHALL ACCEPT BEST INTERCHANGEABLE, 7-PIN LOCKSETS. OWNER TO FURNISH BEST CORES. BEST CORES ARE SMALL FORMAT KEYWAY. PROVIDE LEVERS/LOCKSETS COMPATIBLE WITH SMALL FORMAT KEYWAY. CORBIN RUSSWIN ED5200 EXIT DEVICE TO BE PROVIDED WITH ONE OF THE FOLLOWING FUNCTIONS:
 - LEVER AND KNOB TRIM - EXIT ONLY (ED5200-01)
 - LEVER AND KNOB TRIM - CLASSROOM (ED5200-08)
 - LEVER AND KNOB TRIM - PASSAGE (ED5200-14)
- NATIONAL GUARD STC SEAL SET #1 - FOR USE WITH STC 33 AND BELOW
 - ITEM 5050 AT JAMBS AND HEADER
 - ITEM 2525 AT JAMBS AND HEADER
 - ITEM 60FP AT LOWER FRAME CORNERS
 - ITEM 312V X 131M AT DOOR BOTTOM
 - ITEM 8144S THRESHOLD
- NATIONAL GUARD STC SEAL SET #4 - FOR USE WITH STC 52 AND BELOW
 - ITEM 5075 AT JAMBS AND HEADER
 - ITEM 5060 AT JAMBS AND HEADER
 - ITEM 60FP AT LOWER FRAME CORNERS
 - 12T6 X STC-FH AT DOOR SHOE WITH STC FASTENER HOLES
 - ITEM 8144S THRESHOLD
- ALL HARDWARE FINISHES TO BE 619 U515, SATIN NICKEL PLATED. PROVIDE LISTED MANUFACTURERS OR APPROVED EQUAL.

AUTOMATIC DOOR OPERATOR NOTES

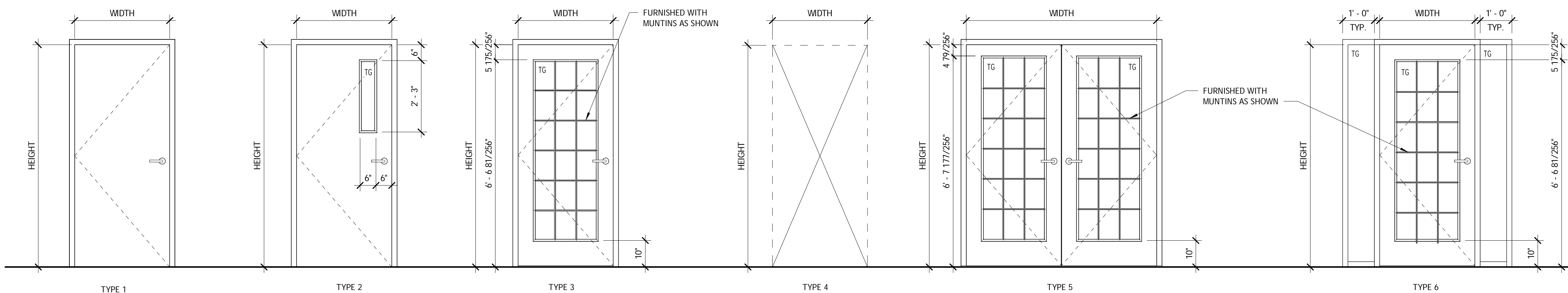
- AUTOMATIC DOOR OPERATOR EQUAL TO 'STANLEY' M-FORCE SERIES FOR SINGLE SWINGING DOORS WITH THE FOLLOWING STANDARDS & OPTIONS INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS:
- SINGLE OPERATORS WITH 5A 120V 1P DEDICATED CIRCUIT
 - CONTROL SWITCH WITH 3 MODES OF OPERATION, AUTO, OFF & HOLD-OPEN
 - BATTERY OPERATED RADIO TRANSMITTER TYPE INTERIOR PUSH PLATES & EXTERIOR POST MOUNTED PUSH PLATES
 - SYSTEM INTEGRATION FOR FUTURE ACCESS CONTROL SYSTEM
 - ELECTRONIC COORDINATION FOR PAIR OF DOORS FOR ASTRAGAL
 - CLEAR ANODIZE FINISH FOR AUTOMATIC DOOR OPERATOR ENCLOSURE
 - SIGNAGE AS PER ANSI/BHMA A156.19

DOOR SCHEDULE LEGEND

- | | |
|-----------------|-------------------------------------|
| SCWD | SOLID CORE WOOD DOOR |
| HM | HOLLOW METAL |
| INSUL. HM | INSULATED HOLLOW METAL |
| GALV. HM | GALVANIZED HOLLOW METAL |
| GALV. INSUL. HM | GALVANIZED & INSULATED HOLLOW METAL |
| PREFINISHED | FACTORY FINISHED |
| PAINTED | PAINTED IN FIELD |
| GWB | GYPSUM WALL BOARD |
| TG | TEMPORED GLAZING |

DOOR SCHEDULES

MARK	TYPE	FROM ROOM: NAME	TO ROOM: NAME	DOOR		FRAME		HINGES		LOCKSETS		CLOSERS	STOPS	PLATES	THRESHOLDS	MISCELLANEOUS	COMMENTS																	
				WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	MATERIAL	FINISH	FIRE RATING							STANLEY - FB8168 - 4-1/2" X 4-1/2"	STANLEY - FB8179 - 4-1/2" X 4-1/2"	KAWNEER - 4 BUTT HINGES	CORBIN RUSSWIN - #CL3110 PASSAGE	CORBIN RUSSWIN - #CL3120 PRIVACY	CORBIN RUSSWIN - #CL3151 ENTRY/OFFICE	CORBIN RUSSWIN - #CL3155 CLASSROOM	CORBIN RUSSWIN - #ML2054	CORBIN RUSSWIN - ED5200-01	CORBIN RUSSWIN - ED5200-08	CORBIN RUSSWIN - ED5200-14	KAWNEER - ADAMS RTE 4510	DORMA - 8616 SERIES	DORMA - 8916 SERIES (HEAVY DUTY)	LON (KAWNEER) #1260 ADJUSTABLE	ROCKWOOD - 441 - FLOOR STOP	ROCKWOOD - 409 - WALL STOP
101A	6	RECEPTION	EXTERIOR	3'-5 1/2"	7'-0"	1 3/4"	FIBERGLASS	PAINTED																										
101B	2	CORRIDOR	RECEPTION	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
102	2	ELEV. LOBBY	SHARED WORK SPACE/CUBICLES	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
103	3	SHARED WORK SPACE/CUBICLES	EXTERIOR	3'-0"	7'-0"	1 3/4"	FIBERGLASS	PAINTED																										
104	1	SHARED WORK SPACE/CUBICLES	OFFICE	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
105	1	OFFICE	SHARED WORK SPACE/CUBICLES	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
106	1	OFFICE	SHARED WORK SPACE/CUBICLES	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
107A	1	SHARED WORK SPACE/CUBICLES	MECHANICAL ROOM	3'-0"	7'-0"	1 3/4"	METAL INSUL.	PAINTED																										
107B	1	MECHANICAL ROOM	EXTERIOR	3'-0"	7'-0"	1 3/4"	FIBERGLASS	PAINTED																										
108	1	SHARED WORK SPACE/CUBICLES	I.T.	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
109	1	RESTROOM	SHARED WORK SPACE/CUBICLES	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
110	4	RESTROOM	SHOWER	3'-0"	7'-0"		N/A	N/A									CASED OPENING																	
111	1	STORAGE	SHARED WORK SPACE/CUBICLES	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
112	N/A	ELEV.	ELEV. LOBBY	3'-6"	7'-0"	0"	STAINLESS STEEL	STAINLESS STEEL										TO BE FURNISHED WITH ELEVATOR, PER MANUFACTURER																
113	2	CORRIDOR	STAIR	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
115	1	WOMENS	CORRIDOR	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED										PUSH/PULL PLATES																
116	1	MENS	CORRIDOR	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED										PUSH/PULL PLATES																
117	1	CORRIDOR	JANITOR	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
118A	3	MEETING ROOM	EXTERIOR	3'-0"	7'-0"	1 3/4"	FIBERGLASS	PAINTED																										
118B	3	MEETING ROOM	EXTERIOR	3'-0"	7'-0"	1 3/4"	FIBERGLASS	PAINTED																										
118C	2	MEETING ROOM	CORRIDOR	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
118D	2	MEETING ROOM	CORRIDOR	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
119	4	KITCHEN	MEETING ROOM	10'-0"	7'-0"		N/A	N/A										CASED OPENING																
203	N/A	ELEV.	ELEV. LOBBY	3'-6"	7'-0"	0"	STAINLESS STEEL	STAINLESS STEEL										TO BE FURNISHED WITH ELEVATOR, PER MANUFACTURER																
205	1	CORRIDOR	OFFICE	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
206	1	CORRIDOR	OFFICE	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
207	1	CORRIDOR	OFFICE	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
208	1	CORRIDOR	OFFICE	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
209	1	SHARED WORK SPACE/CUBICLES	OFFICE	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
210	1	SHARED WORK SPACE/CUBICLES	OFFICE	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
211	1	OFFICE	SHARED WORK SPACE/CUBICLES	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
212	6	SHARED WORK SPACE/CUBICLES	EXTERIOR	3'-6"	7'-0"	1 3/4"	FIBERGLASS	PAINTED																										
213	1	SHARED WORK SPACE/CUBICLES	OFFICE	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
214	1	OFFICE	SHARED WORK SPACE/CUBICLES	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
215	1	CORRIDOR	RESTROOM	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
216	1	CORRIDOR	RESTROOM	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
217	1	CORRIDOR	JANITOR	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
218	1	CORRIDOR	COMFORT ROOM	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
220	5	RECEPTION	EXTERIOR	6'-0"	7'-0"	1 3/4"	FIBERGLASS	PAINTED																										
221A	1	CORRIDOR	STORAGE	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
221B	N/A			2'-0"	2'-0"		METAL INSUL.	PREFINISHED											ATTIC ACCESS DOOR EQUAL TO 'BEST ACCESS DOORS' MODEL BA-ATCR50-LCK 22", 30" WITH LOCKING & R-50															
222A	2	CORRIDOR	MEETING/ BREAK ROOM	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
222B	2	MEETING/ BREAK ROOM	RECEPTION	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
223	1	MECHANICAL	EXTERIOR	3'-0"	7'-0"	1 3/4"	FIBERGLASS	PAINTED																										
224	1	STORAGE	SHARED WORK SPACE/CUBICLES	3'-0"	7'-0"	1 3/4"	SCWD	PREFINISHED																										
226	N/A			2'-0"	2'-0"		STEEL	WHITE POWDER COAT											24" x 24" RECESSED DRYWALL PANEL WITH MUD IN FLANGE AND KEY OPERATED CYLINDER CAM LATCH															



DOOR LEGEND

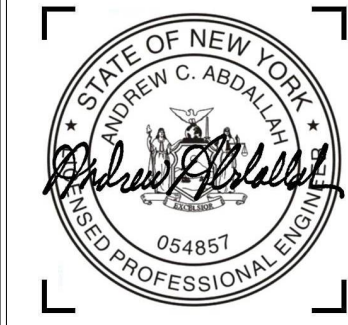
1/2" = 1'-0"



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ESSEX COUNTY AGRICULTURE AND YOUTH BUILDING
 5850 STREET, WESTPORT, ESSEX COUNTY, NEW YORK 12993

CONSTRUCTION DOCUMENT PHASE SERVICES 100%



REVISIONS		
#	BY	DATE
B	AMW	10-21-24

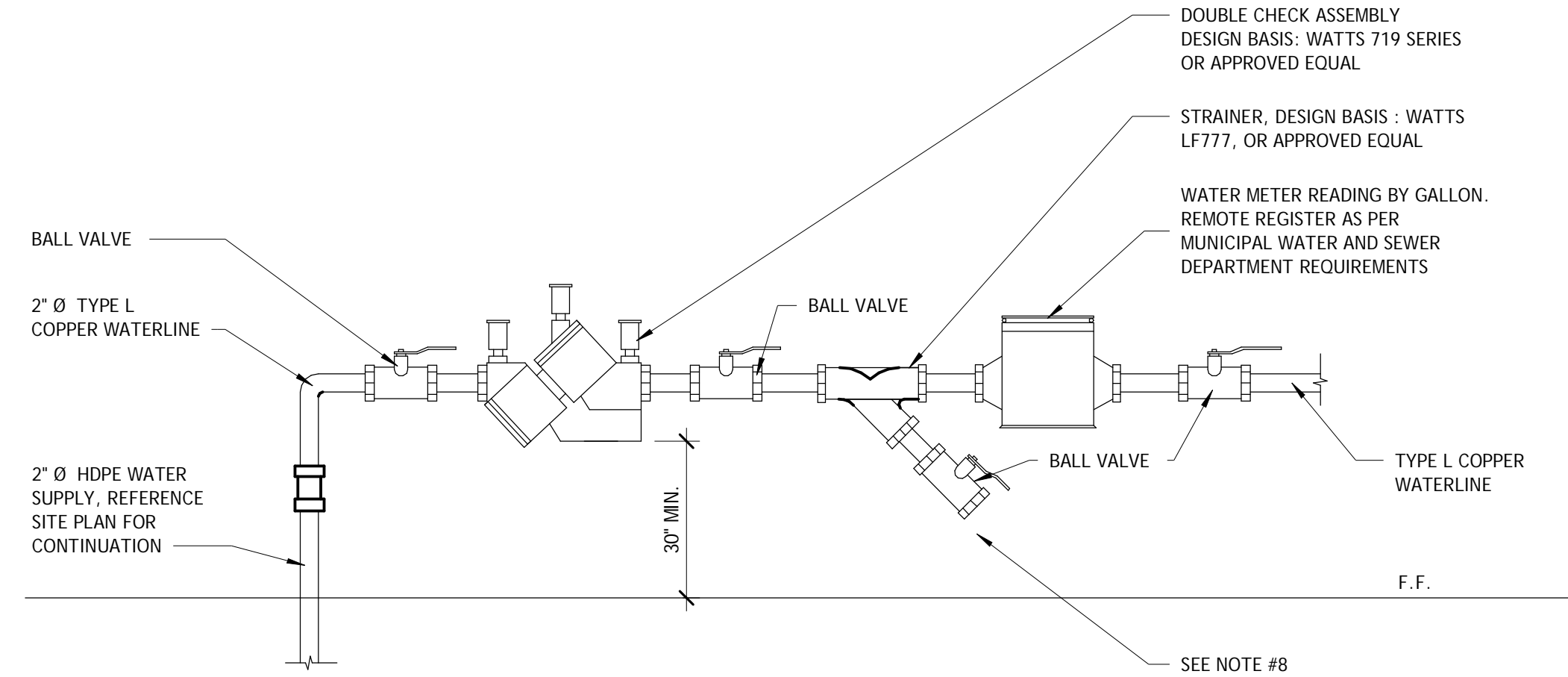
DOOR SCHEDULE

PROJECT NO. 23050
 DATE 08-02-24
 DRAWN BY TSV/JRH
 CHECKED BY SEC

A602

WATER SERVICE SCHEMATIC

- NOTES:**
- LOCAL MUNICIPALITY WATER SERVICE PERMITS FOR CONNECTION TO MUNICIPAL WATER MAIN REQUIRED. BY SITE CONTRACTOR.
 - SEE DOMESTIC WATER SUPPLY PLAN FOR WATER METER AND BACKFLOW PREVENTER LOCATION.
 - BACKFLOW DEVICE AND CONFIGURATION SHALL BE APPROVED BY THE LOCAL MUNICIPALITY WATER & SEWER DEPARTMENT PRIOR TO ISSUANCE OF BUILDING PERMIT.
 - REQUIRED CLEARANCES
 - ALL ASSEMBLIES SHALL BE INSTALLED WITH A CENTERLINE HEIGHT FROM 30 INCHES TO 60 INCHES ABOVE THE FLOOR. ANY INSTALLATION AT A GREATER HEIGHT SHALL BE PROVIDED WITH A FIXED PLATFORM, A PORTABLE SCAFFOLD OR A LIFT MEETING OSHA STANDARDS.
 - ALL RPZ DEVICES MUST HAVE AN 18 INCH MINIMUM CLEARANCE BETWEEN THE BOTTOM OF THE RELIEF VALVE AND THE FLOOR TO PREVENT SUBMERSION AND PROVIDE ACCESS FOR SERVICING AND RELIEF VALVE.
 - A MINIMUM OF 12 INCHES OF CLEAR SPACE SHALL BE MAINTAINED ABOVE THE ASSEMBLY TO ALLOW FOR SERVICING CHECK VALVES AND FOR OPERATION OF SHUT-OFF VALVES.
 - MINIMUM OF 30 INCHES OF CLEAR SPACE SHALL BE MAINTAINED AT FRONT OF DEVICE.
 - AT LEAST 8 INCHES CLEARANCE SHOULD BE MAINTAINED FROM THE BACK SIDE OF THE DEVICE TO THE NEAREST WALL OR OBSTRUCTION. THIS CLEARANCE MAY NEED TO BE INCREASED FOR MODELS THAT HAVE SIDE MOUNTED TEST COCKS OR RELIEF VALVES THAT WOULD BE FACING THE BACK WALL.
 - SUBMITTALS FOR WATER SERVICE COMPONENTS REQUIRED. FOR REVIEW BY ENGINEER.
 - LOCATION & MOUNTING OF EXTERNAL METER DATA COLLECTION PORT MUST BE FIELD COORDINATED WITH OWNER / ARCHITECT PRIOR TO INSTALLATION.
 - SEE CIVIL/PLUMBING PLANS FOR WATER SERVICE SIZE & LOCATIONS.
 - PROVIDE SPACE BELOW STRAINER AND VALVE TO FIT 5 GALLON BUCKET FOR PLANNED MAINTENANCE.



PLUMBING FIXTURE SCHEDULE

Type Mark	Manufacturer	Model	Description	Type Comments
	WATTS	<varies>	<varies>	
P01	American Standard	2989.101	Cadet 3 Flowise Right Height Concealed Trapway 1.28 gpf Toilet.	
P01.1	American Standard	5901.100SS	Commercial Heavy Duty Open Front Elongated Toilet Seat	
P02	American Standard	6002.001	Plintbrook Urinal	
P02.1	American Standard	6063.051.002	SELECTRONIC® SENSOR-OPERATED URINAL FLUSH VALVE, 0.5 GPF	
P02.2	WATTS	CA-311	Floor Mounted Urinal Carrier	
P03	American Standard	0955.001EC	MURRO™ UNIVERSAL DESIGN WALL-HUNG LAVATORY WITH EVERCLEAN®	Provided with integrated shroud, & P-Trap
P03.1	American Standard	7755.315	Nextgen Selectronic Integrated Touchless Lavatory Faucet, Battery Powered. Smarttherm Safety Shut-Off & Above Deck Mixing. Vandal-resistant multi-laminar spray. 1.5 gallons per minute.	
P03.2	Watts	CA-411-WC	Floor Mounted Lavatory Carrier with Concealed Arms	
P04	Advance Tabco	K-11	FAUCET, 8" O.C., SPLASH MOUNTED WITH 14" SWING SPOUT, LEAD FREE	
P04.1	Advance Tabco	DTA-53	HEAVY DUTY PRE-RINSE FAUCET, 8" O.C. SPLASH MOUNT	
P05	Elkay	ECTSRAD25226TBG	Crosstown 18 Gauge Stainless Steel 25" x 22" x 2" Single Bowl Mount ADA Sink Kit	Provided with Elkay LK35 drain and strainer body assembly
P05.1	American Standard	7074.550	The Colony PRO high-arc kitchen faucet from American Standard exemplifies fresh, transitional design with a durable, long-lasting construction that stands up to daily use even in the busiest of kitchens. A maximum flow rate of 1.5 gallons per minute helps to save water when compared to a standard 2.2 gpm faucet, without sacrificing performance - and our innovative quick-spin nuts make installation easy.	Provided with 605XTM/1070, Thermostatic Mixing Valve
P06	Freedom Showers By Accessibility Professionals Inc.	AFF03838BF1PRRF	1" threshold with pre-levleled and reinforced shower base for easy installation. Dual drywall receiver angle for easy installation. Durable, luxurious and easy to clean applied acrylic with subway tile walls. Fully reinforced walls offer strength and easy installation of accessories. ADA accessories available. Grab bars, folding shower seat, collapsible water retainer, weighted shower curtain and rod, slide bar with handheld shower, pressure balance valve, caulkless drain	36" x 36" ADA Transfer Shower
P08	Halsley Taylor	HTH-HACG8BLPV-WS	Mechanical pushbar-actuated water cooler	
P09	WATTS	HY-420-12-88-CIA	Non-Freeze Wall Hydrant	
P10	FIAT	MSB2424	MSB2424 24" X 24" MOLDED STONE MOP BASIN	
P11	American Standard	8354.112	'HERITAGE' Faucet, C.P. 6" - 10" (152mm-250mm) adjustable wall mounted C.C., solid cast brass body, 1/4 turn ceramic disc cartridges, 19 LPM - 34 LPM (5 GPM - 9 GPM), brass lever handles, vacuum breaker, integral stops, top brace and hose end.	Provided with hose, wall guards, dome strainer assembly, and P-Trap
P12	WATTS	FD-383	Watts Drainage Products FD-380 epoxy coated cast iron wood floor drain with 5 in. (127mm) round adjustable heel proof nickel bronze top, steel securing flange with countersunk holes and no hub (standard) outlet.	Provided with P-trap, and Pro-set Trap Guard
P13	WATTS	FD-203-A5	Watts Drainage Products FD-200-A on-grade epoxy coated cast iron floor drain with anchor flange, weepholes, adjustable round nickel bronze strainer, and no hub (standard) outlet.	Provided with P-trap, and Pro-set Trap Guard
P14	WATTS	FS-793-P	Watts Drainage Products FS-790 12 in. (305mm) square x 8 in. (203mm) deep 14ga. type 304 stainless steel sanitary floor sink with loose set cast stainless steel grate, dome bottom strainer, and no hub (standard) outlet.	Provided with P-trap, and Pro-set Trap Guard
P15	WATTS	FD-203-EF	Watts Drainage Products FD-200-EF on-grade epoxy coated cast iron floor drain with anchor flange, weepholes, adjustable heel proof nickel bronze strainer with 4 in. (102mm) dia. nickel bronze funnel, and no hub (standard) outlet.	Provided with P-trap, and Pro-set Trap Guard
P16	WATTS	FD-103-EG	Floor Drain, Round with Oval Funnel	Provided with P-trap, and Pro-set Trap Guard
P17	American Standard	605XTM/1070	Selectronic Thermostatic Mixing Valve	
P18	Pro Vent Systems	Trap Guard	Sized to fit in associated drain	
P19	WATTS	CO-204-S	Watts Drainage Products CO-200-S epoxy coated cast iron floor cleanout with 5-1/8 in. (130mm) square adjustable nickel bronze (standard) top, and no hub (NU) connection	
P20	WATTS	CO-203-S	Watts Drainage Products CO-200-S epoxy coated cast iron floor cleanout with 5-1/8 in. (130mm) square adjustable nickel bronze (standard) top, and no hub (NU) connection	
P21	WATTS	CO-440-RD	Watts Drainage CO-440-RD wall cleanout with two-piece expandable cleanout plug, stainless steel access cover, and vandal proof stainless steel screw.	
P22	Zoeller	138	Sump pump basin, Lid, and 1/2 H.P. Pump system, Furnished and Installed with check valve.	Provided with model 98 pump
P23	N/A	N/A	FIELD FABRICATED CONDENSATE DRAIN	6" Lx4" Ø PVC PIPE WITH 4" Ø 2" Ø REDUCER AND 2" Ø P-TRAP AND PIPING

PLUMBING FIXTURE NOTE:

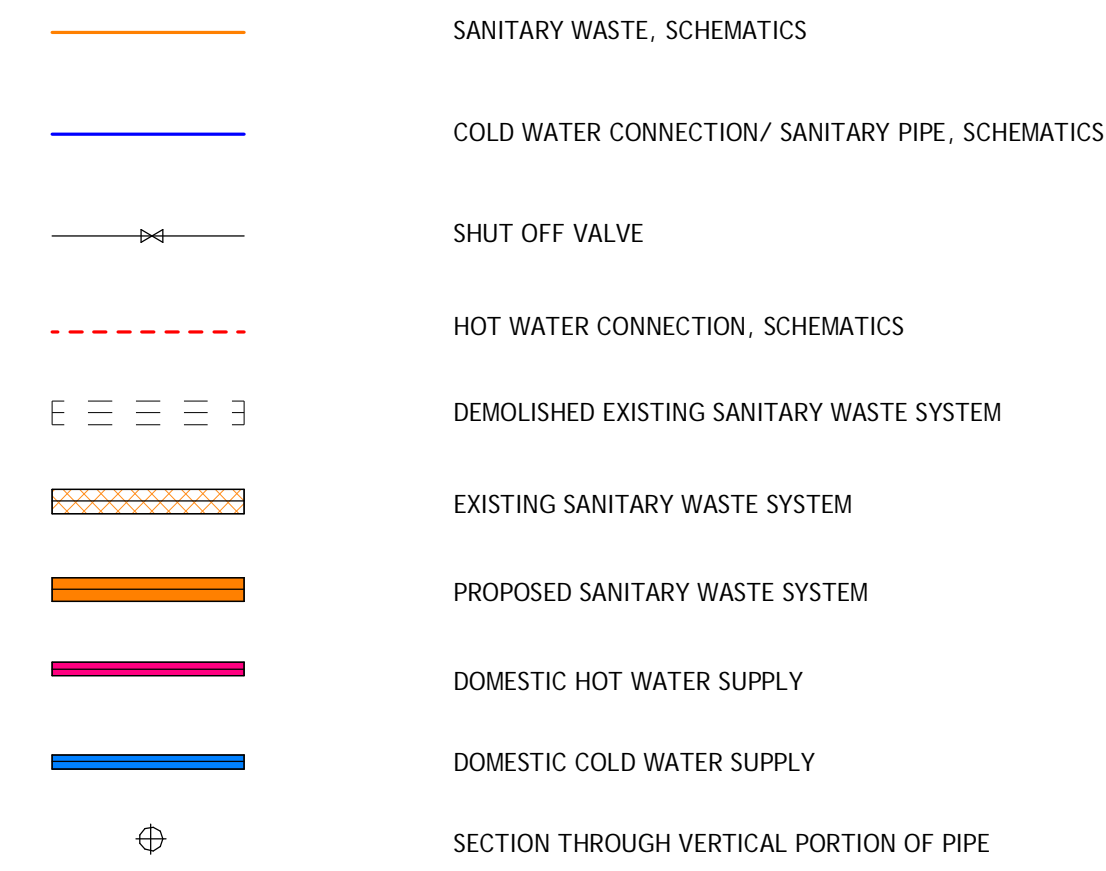
- TOILET FLUSH HANDLE TO BE ON OPEN SIDE OF TOILET (SEE PLUMBING FLOOR PLANS FOR LOCATIONS)
- PROVIDE LISTED MANUFACTURERS OR APPROVED EQUAL.

PLUMBING - WATER CONSERVATION

THE MAXIMUM WATER FLOW RATES AND FLUSH VOLUME FOR PLUMBING FIXTURES AND FIXTURE FITTINGS SHALL NOT EXCEED THE VALUES BELOW.

MAXIMUM FLOW RATES FOR PLUMBING FIXTURES	
PLUMBING FIXTURES OR FIXTURE FITTINGS	MAXIMUM FLOW RATE OR QUANTITY
LAVATORY, PRIVATE	2.2 gpm at 60 psi
LAVATORY, PUBLIC (METERING)	0.25 gallon per metering cycle
LAVATORY, PUBLIC (OTHER THAN METERING)	0.5 gpm at 60 psi
SHOWER HEAD	2.5 gpm at 80 psi
SINK FAUCET	2.2 gpm at 60 psi
URINAL	1.0 gallon per flushing cycle
WATER CLOSET	1.6 gallons per flushing cycle

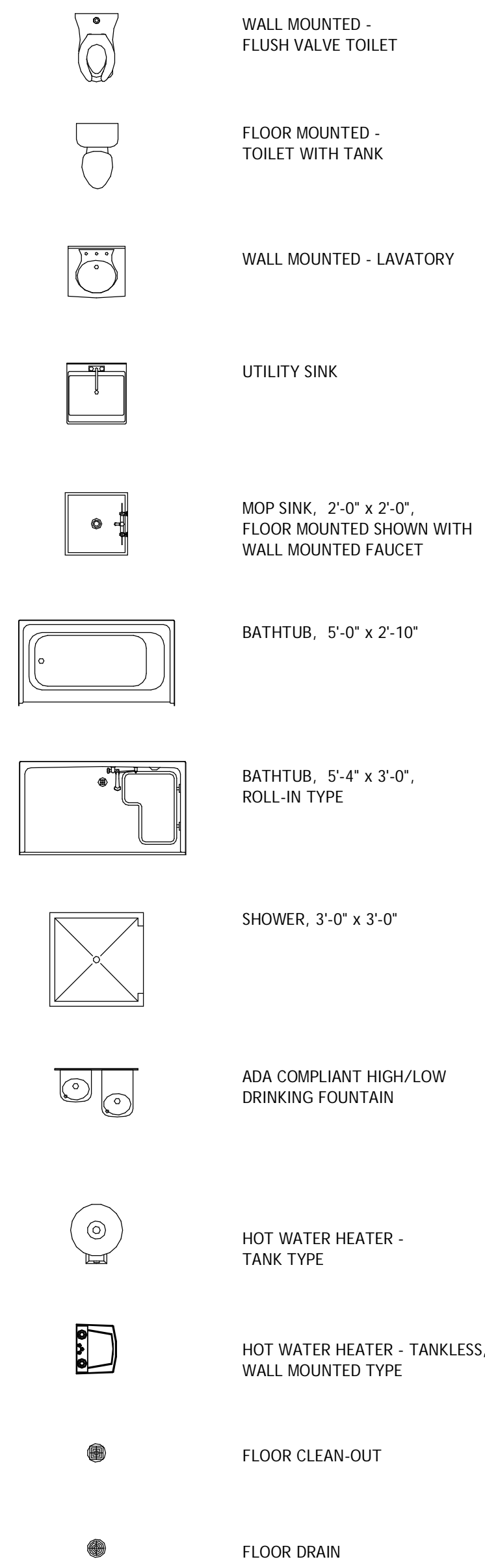
PLUMBING PIPE LEGEND



PLUMBING NOTES - GENERAL

- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATE THE SIZE AND GENERAL ARRANGEMENT OF PIPING, EQUIPMENT, AND SPECIALTIES. EXACT LOCATIONS AND ROUTINGS SHALL BE DETERMINED IN THE FIELD BEFORE AND AS THE WORK PROGRESSES.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF ANY WORK. ANY REQUIRED CHANGES TO WORK SHOWN IN DRAWINGS SHALL BE COORDINATED WITH ARCHITECT/ENGINEER AND OTHER TRADES PRIOR TO CONSTRUCTION.
- DRAWINGS DO NOT INDICATE ALL OFFSETS, CHANGES IN ELEVATION ETC. WHICH MAY BE REQUIRED BY ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL PROVIDE FOR SUCH CHANGES IN PIPING OR EQUIPMENT LOCATIONS AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS AND THE WORK OF OTHER CONTRACTS.
- THE WORK INCLUDED WITHIN THIS CONTRACT ENCOMPASSES BOTH THE DRAWINGS AND SPECIFICATIONS. WORK INCLUDED ON THE DRAWINGS ONLY, OR IN THE SPECIFICATION ONLY, SHALL BE INCORPORATED AS IF INCLUDED IN BOTH. SYSTEMS ARE INTENDED TO BE COMPLETE AND FULLY FUNCTIONING. THE CONTRACTOR SHALL PROVIDE SUCH COMPONENTS AS NECESSARY FOR A FULLY FUNCTIONING SYSTEM.
- COORDINATE THE WORK OF THIS CONTRACT WITH THE WORK OF THE OTHER CONTRACTS. PHASE INSTALLATION OF EQUIPMENT AND PIPING TO ENSURE CONTRACTIBILITY, AND THAT CONSTRUCTION PROCEEDS IN AN ORGANIZED, EFFICIENT, AND ORDERLY MANNER. PIPING TO BE SLOPED SHALL TAKE PRECEDENCE OVER PRESSURE PIPING, DUCTWORK, AND EQUIPMENT LOCATIONS.
- EXCEPT AS NOTED IN SPECIFICATIONS, ALL CUTTING AND PATCHING OF BUILDING COMPONENTS REQUIRED TO ACCOMMODATE THE WORK OF THIS CONTRACT SHALL BE RESPONSIBILITY OF THE PLUMBING CONTRACTOR. ALL PATCHING SHALL MATCH EXISTING COMPONENTS AND FINISHES. CUTTING AND PATCHING WORK SHALL BE PERFORMED BY PERSONNEL TRAINED AND REGULARLY EMPLOYED FOR SUCH SERVICE.
- PLUMBING CONTRACTOR SHALL PROVIDE NECESSARY SUPPORT FRAMING, STIFFENERS, BRACING, AND HANGERS WHETHER SHOWN OR NOT TO ENSURE A COMPLETE AND DURABLE SYSTEM. SUPPORT FRAMING CONNECTIONS SHALL BE WELDED UNLESS SPECIFICALLY SHOWN OTHERWISE. ACTUAL SUPPORTS MAY VARY FROM THOSE SHOWN IN DETAILS BY ACTUAL EQUIPMENT FURNISHED OR BY FIELD CONDITIONS.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING SYSTEMS WITH WALL AND FLOOR RATINGS INDICATED ON CODE COMPLIANCE DRAWINGS. ALL RATED CONSTRUCTION IS INDICATED ON THE CODE COMPLIANCE DRAWINGS INCLUDING RATED FLOOR/CILING ASSEMBLIES.
- ACCEPTABLE FIRE STOPPING MATERIAL IS IDENTIFIED IN THIS SPECIFICATION SECTION. THE CONTRACTOR IS REQUIRED TO PROVIDE THE SPECIFIC LISTED DESIGN BEING PROVIDED FOR THE SPECIFIC PENETRATIONS THAT ARE BEING INSTALLED.
- REFER TO NOTES ON SCHEDULE FOR SPECIFICATIONS FOR PLUMBING FIXTURES.
- COORDINATE PIPING SUPPLY, SANITARY AND STORM, WITH ELECTRICAL PANELS AND LOAD CENTERS. IN NO CASE SHALL PIPING BE INSTALLED OVER THE PLANE OF AN ELECTRICAL PANEL.
- SEAL AROUND ALL JOINTS WHERE PLUMBING FIXTURES COME INTO CONTACT WITH WALLS OR FLOORS WITH WHITE SILICONE CAULK, 100% SILICONE, TUB AND TILE, SIMILAR TO DAP TITANIUM LOW VOC, LEED CERTIFIED PRODUCT.
- INFORMATION SUCH AS SIZE, LOCATION OR INVERTS OF EXISTING CONCEALED SERVICES, IS APPROXIMATE AND BASED ON REPUTED INFORMATION FROM EXISTING DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THIS INFORMATION IN THE FIELD.
- PROVIDE 1/4" PER FOOT SLOPE FOR ALL SANITARY LINES.
- COORDINATE LOCATION AND ROUTING OF PLUMBING LINES WITH ALL OTHER TRADES.
- PROVIDE EASILY ACCESSIBLE CLEANOUTS AT THE BOTTOM OF ALL WASTE AND SOIL STACKS.
- PROVIDE EASILY ACCESSIBLE CLEANOUTS AT ALL CHANGES IN DIRECTION GREATER THAN 45 DEGREES, AS WELL AS WHERE SHOWN ON PLANS.
- PROVIDE EASILY ACCESSIBLE SHUT OFF ON ALL BRANCH LINES, PROVIDE STOPS AT ALL FIXTURES.
- PROVIDE ALL WORK IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE, NEW YORK STATE DEPARTMENT OF HEALTH CROSS CONNECTION CONTROL MANUAL, AND ANY LOCAL CODE THAT MAY TAKE PRECEDENCE.
- PROVIDE CONNECTIONS TO SERVICES PROVIDED BY OTHER CONTRACTORS, UNLESS OTHERWISE NOTED.
- PROVIDE ALL PERMITS AND TESTING REQUIRED.
- DETAILS, NOTES, SCHEDULES, AND SYMBOLS APPLY TO ALL PLUMBING SHEETS.
- DOMESTIC WATER HEATER TO HAVE SEISMIC BRACING AND RESTRAINTS.
- MAINTAIN SERVICE CLEARANCES FOR ALL EQUIPMENT. ADVISE OTHER TRADES IF THE REQUIRED SERVICE CLEARANCES.
- PROVIDE NECESSARY COMPONENTS FOR DRAINING AND REFILLING OF PIPING SYSTEMS. INCLUDING AIR REMOVAL, RESETTING OF FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE CAUSED BY SHUT DOWNS AND STARTUPS.
- TEST WATER SUPPLY SYSTEM: ONCE SYSTEM IS COMPLETE, LESS FIXTURES CHARGE TO 125 PSIG FOR A PERIOD OF 4 HOURS. VERIFY SYSTEM IS COMPLETE WITH NO LEAKS. IF LEAKS OR DRIPS ARE FOUND FIX AND RE-TEST. FIXTURE SHALL NOT BE CONNECTED TO THE SYSTEM DURING TEST.
- FLUSH AND DISCONNECT NEW WATER SUPPLY SYSTEM IN ACCORDANCE WITH SPECIFICATIONS AND OBTAIN RESULTS OF WATER TEST FROM AN APPROVED TESTING LABORATORY.
- WATER DISTRIBUTION PIPING SYSTEM SHALL BE PROVIDED WITH SHOCK ABSORBERS, SIZED AND INSTALLED IN ACCORDANCE WITH PDI (PLUMBING AND DRAINING INSTITUTE) STANDARD WH-201.
- PITCH WATER DISTRIBUTION SYSTEM TO DRAIN TO LOW POINTS, PROVIDE HOSE END DRAIN VALVE AT EACH LOW POINT.
- LABEL ALL PIPING SYSTEMS INDICATING SYSTEM AND DIRECTION OF FLOW. LABELS SHALL BE AT WALL PENETRATIONS, MAJOR EQUIPMENT AND AT INTERVALS OF 25 FEET FOR LONG RUNS OF HORIZONTAL PIPING.
- COORDINATE FLOOR DRAIN LOCATIONS WITH ALL OTHER TRADES AND EQUIPMENT LAYOUTS, DRAINS ARE NOT TO BE LOCATED UNDER EQUIPMENT OR HOUSEKEEPING PADS, RELOCATE AT NO ADDITIONAL COST TO THE OWNER.
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR FIRESTOPPING ALL PLUMBING RELATED PENETRATIONS REQUIRED BY THE CONTRACT. REFER TO DIVISION 7 FOR MATERIALS AND METHODS.

PLUMBING FIXTURE LEGEND



PLUMBING ABBREVIATIONS

C.W.	DOMESTIC COLD WATER
H.W.	DOMESTIC HOT WATER
H.W.R.	DOMESTIC HOT WATER RECIRCULATION
SAN	SANITARY
W	WASTE
V	VENT
CO	CLEAN OUT
LAV	LAVATORY
W.C.	WATER CLOSET
W.V.	WET VENT
M.S.	MOP SINK
W.H.	WALL HYDRANT
F.D.	FLOOR DRAIN
L.T.	LAUNDRY TUB
S.K.	SINK
S.H.	SHOWER
D.F.	DRINKING FOUNTAIN
C.D.	CONDENSATE DRAIN
W.C.O.	WALL CLEANOUT
S.A.	SHOCK ABSORBER
B.F.P.	BACK FLOW PREVENTOR
V.BB.	VACUUM BREAKER
N.G.	NATURAL GAS
A.V.	AIR ADMITTANCE VALVE
P.R.V.	PRESSURE REDUCING VALVE
B.R.	BATHROOM
JAN. CLO.	JANITORS' CLOSET
TYP.	TYPICAL
A.F.F.	ABOVE FINISHED FLOOR
A.D.A.	AMERICANS WITH DISABILITIES ACT
B.F.F.	BELOW FINISHED FLOOR
DI.	DIAMETER
DN.	DOWN
E.W.C.	ELECTRIC WATER COOLER
H.B.	HOSE BIBB
INV.	INVERT
UR.	URINAL
V.T.R.	VENT THROUGH ROOF



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PLUMBING NOTES, LEGENDS, & SCHEDULE

PROJECT NO. 23050
DATE 08-02-24
DRAWN BY JRH/JCB
CHECKED BY SEC

P001

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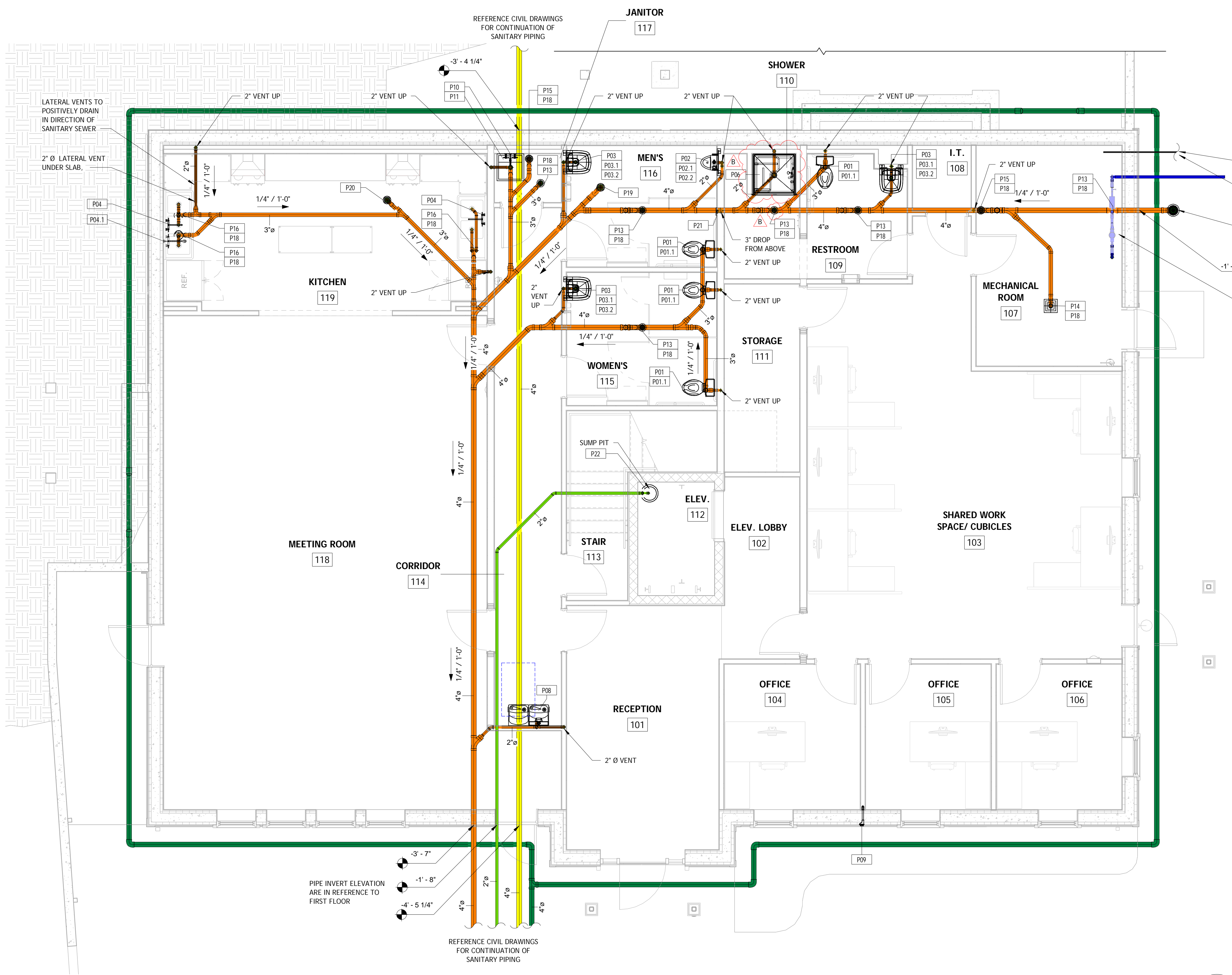
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A

B

C

D



PIPE COLOR FILL LEGEND

- DOMESTIC COLD WATER
- ELEVATOR SUMP
- EXISTING BUILDING SANITARY
- FOOTING DRAIN
- PROPANE
- SANITARY
- VENT

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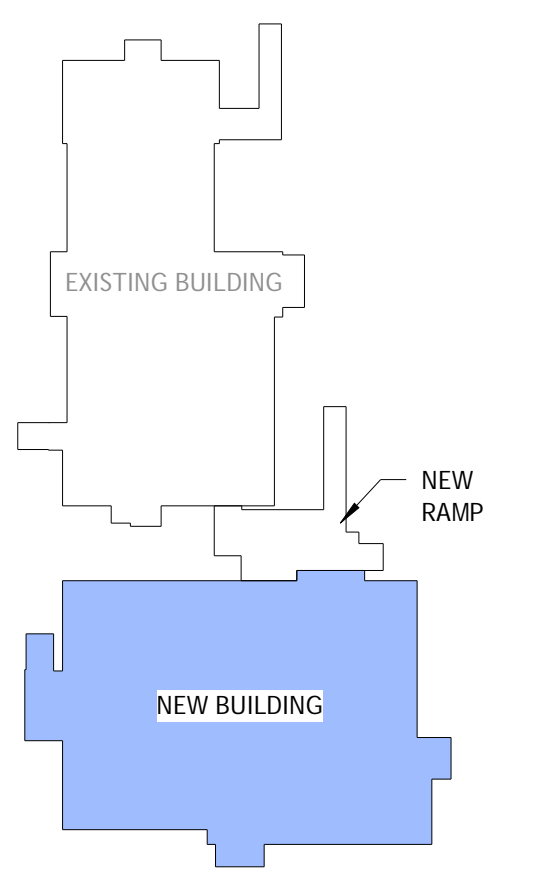
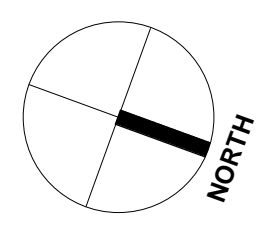
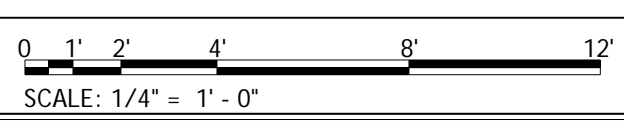
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PLUMBING FIRST FLOOR PLAN

PROJECT NO. 23050
 DATE 08-02-24
 DRAWN BY JRH/JCB
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P101

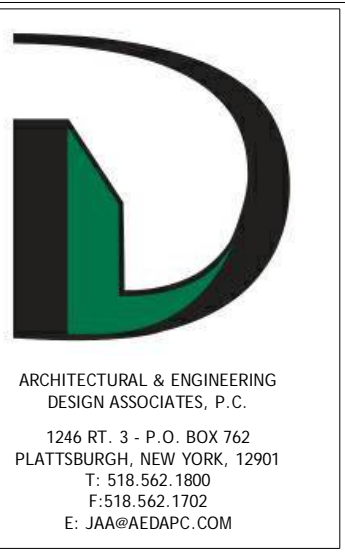
1 PLUMBING FIRST FLOOR PLAN
P101 1/4" = 1'-0"



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PIPE COLOR FILL LEGEND

- DOMESTIC COLD WATER
- SANITARY
- VENT



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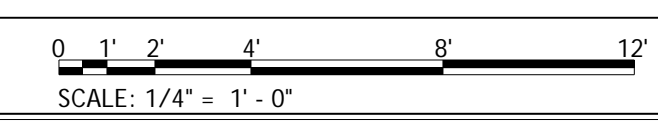
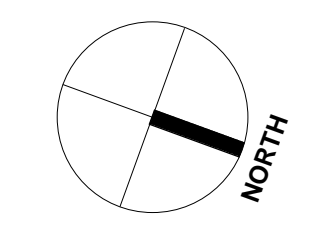
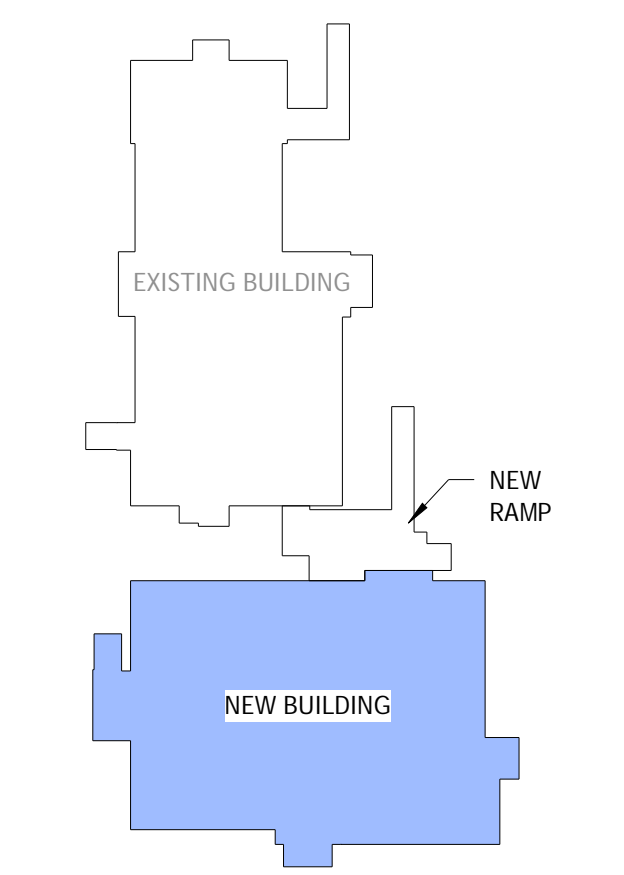
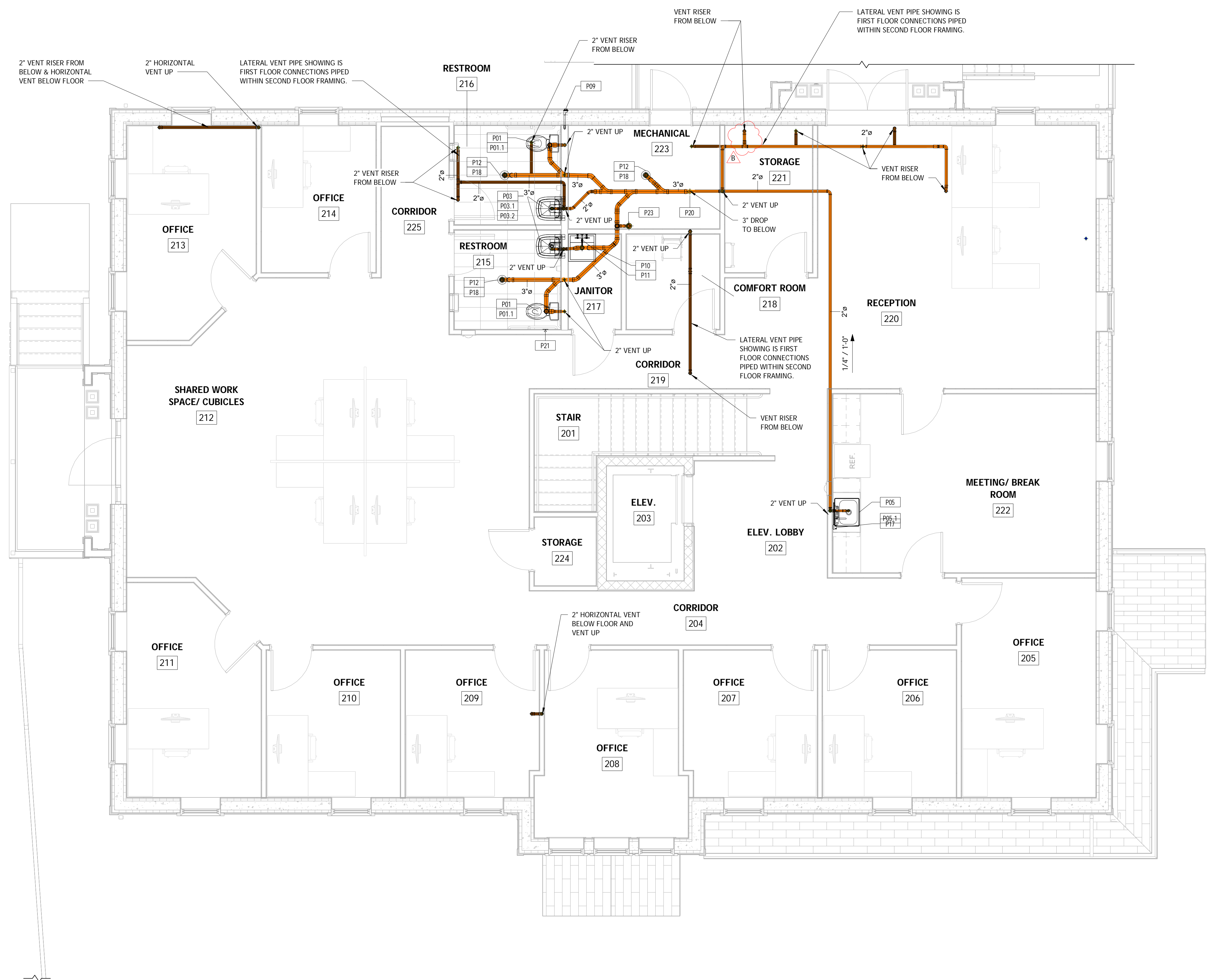


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PLUMBING SECOND FLOOR PLAN

PROJECT NO. 23050
DATE 08-02-24
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P102



1 PLUMBING SECOND FLOOR PLAN
P102 1/4" = 1'-0"

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